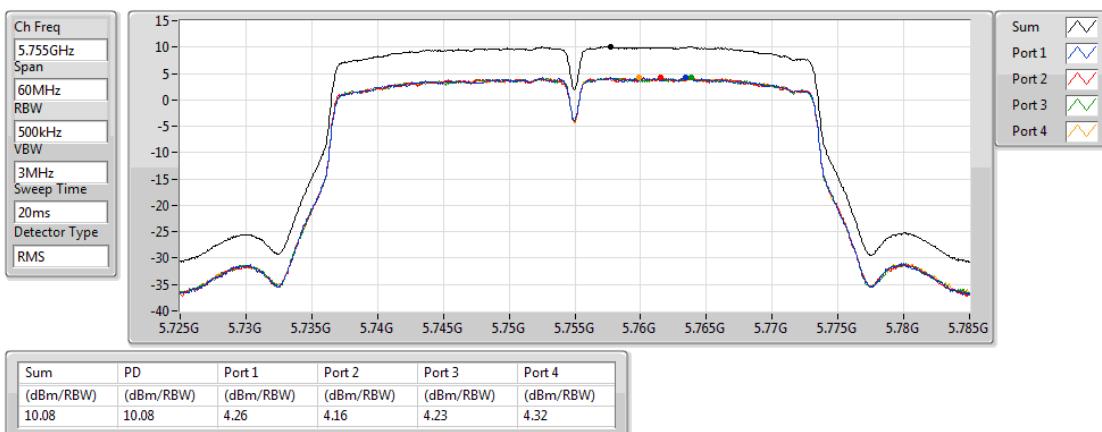




802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

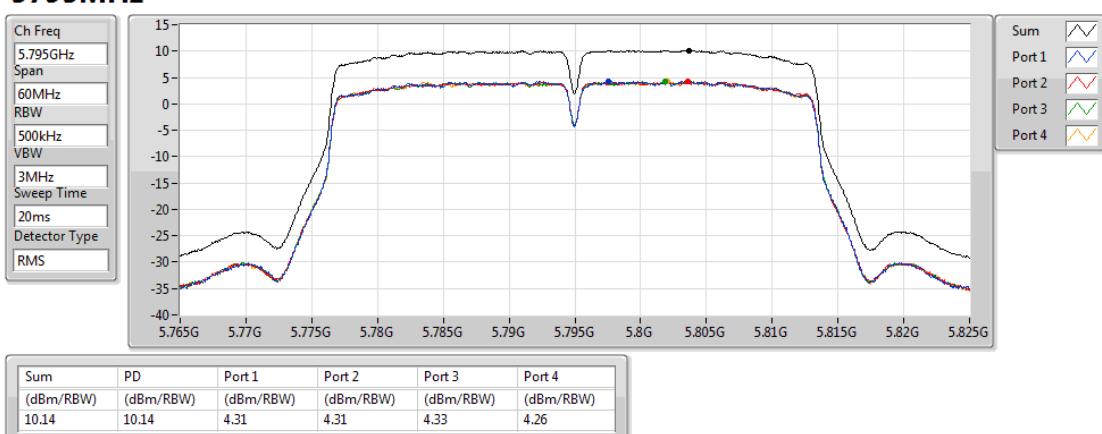
5755MHz



802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

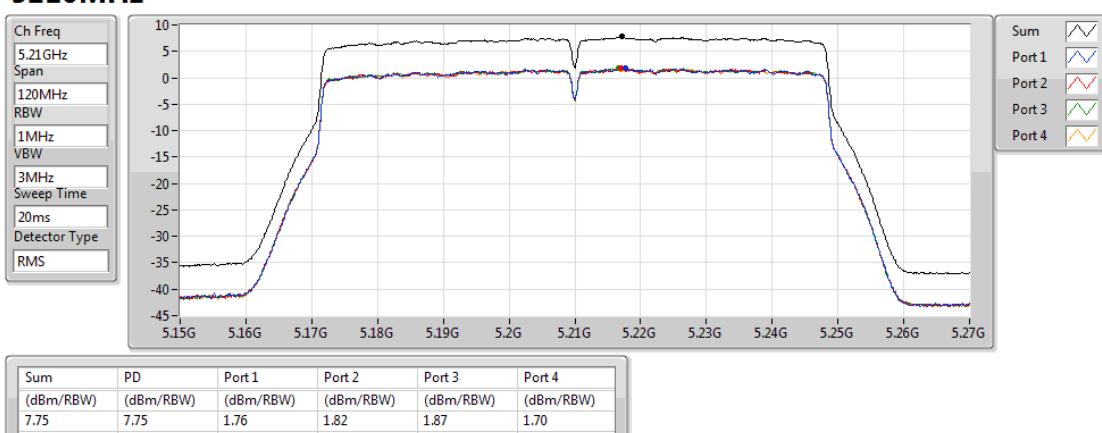
5795MHz



802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz



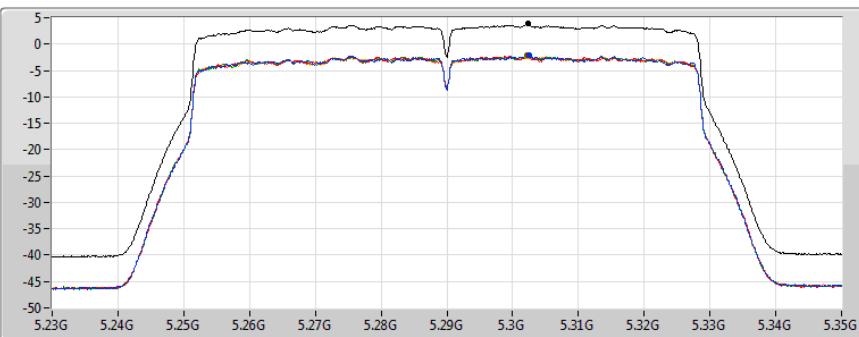


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

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



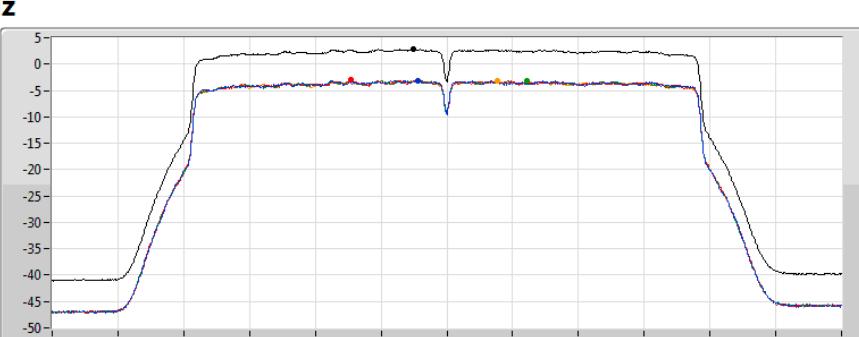
Sum
Port 1
Port 2
Port 3
Port 4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

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



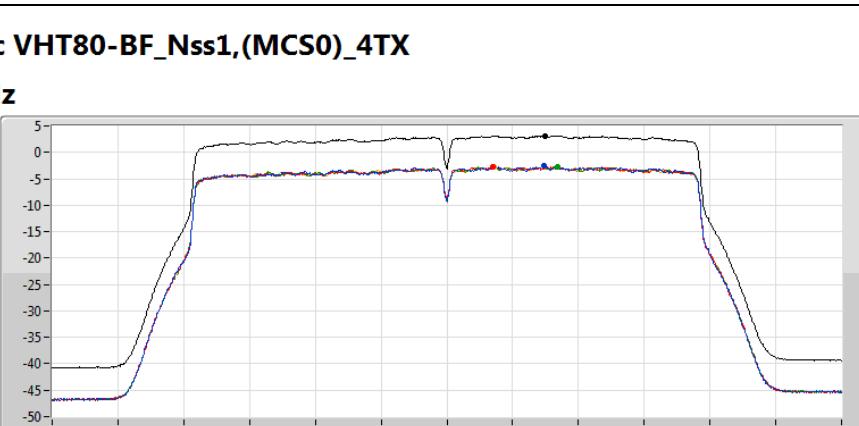
Sum
Port 1
Port 2
Port 3
Port 4

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

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



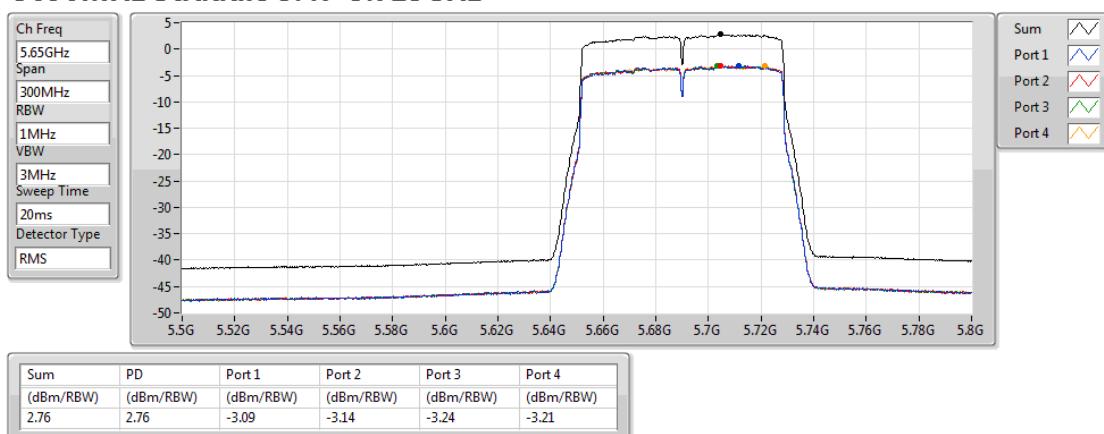
Sum
Port 1
Port 2
Port 3
Port 4



802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

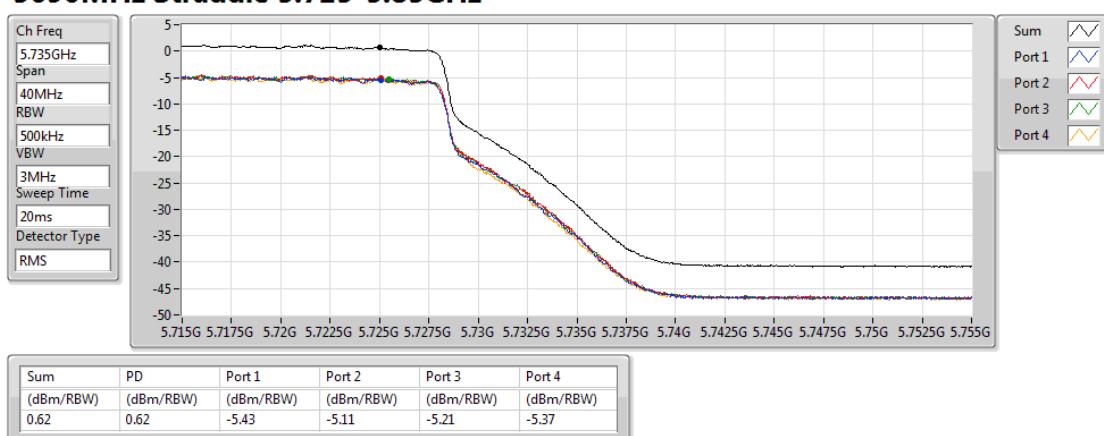
5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

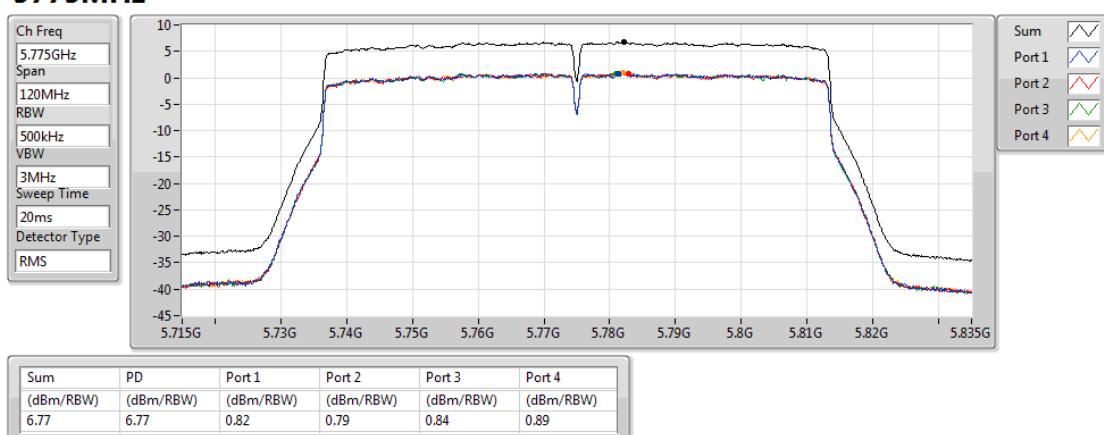
5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz





For set 5 antenna / 4T2S

Summary

Mode	PD (dBm/RBW)
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	-
5.15-5.25GHz	16.91
5.25-5.35GHz	10.98
5.47-5.725GHz	10.81
5.725-5.85GHz	15.65
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-
5.15-5.25GHz	14.42
5.25-5.35GHz	8.10
5.47-5.725GHz	7.95
5.725-5.85GHz	12.19
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	-
5.15-5.25GHz	8.97
5.25-5.35GHz	4.66
5.47-5.725GHz	4.47
5.725-5.85GHz	9.24

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)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	5.07	10.91	10.93	10.97	10.91	16.78	17.00
5200MHz	Pass	5.07	10.92	10.99	11.12	11.17	16.91	17.00
5240MHz	Pass	5.07	11.05	11.05	11.19	11.04	16.87	17.00
5260MHz	Pass	5.23	5.10	5.22	5.22	5.20	10.98	11.00
5300MHz	Pass	5.23	4.97	4.81	4.94	4.80	10.76	11.00
5320MHz	Pass	5.23	4.56	4.64	4.61	4.72	10.53	11.00
5500MHz	Pass	5.21	4.63	3.68	4.53	4.35	10.01	11.00
5580MHz	Pass	5.21	4.72	4.79	4.79	4.80	10.59	11.00
5700MHz	Pass	5.21	4.08	4.33	4.27	4.24	9.91	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.21	4.82	4.92	4.84	4.95	10.81	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.62	2.72	2.68	2.87	2.39	8.54	30.00
5745MHz	Pass	4.62	9.55	9.42	9.54	9.54	15.27	30.00
5785MHz	Pass	4.62	9.59	9.48	9.46	9.45	15.33	30.00
5825MHz	Pass	4.62	9.84	9.86	9.74	9.72	15.65	30.00
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	5.07	8.48	8.47	8.43	8.45	14.17	17.00
5230MHz	Pass	5.07	8.52	8.60	8.74	8.63	14.42	17.00
5270MHz	Pass	5.23	2.40	2.36	2.20	2.38	8.10	11.00
5310MHz	Pass	5.23	2.07	1.99	2.07	2.10	7.81	11.00
5510MHz	Pass	5.21	1.39	1.55	1.59	1.56	7.27	11.00
5550MHz	Pass	5.21	2.25	2.15	2.01	1.98	7.95	11.00
5670MHz	Pass	5.21	1.93	1.79	2.04	1.98	7.69	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.21	2.12	1.95	2.00	2.18	7.94	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.62	-0.80	-0.70	-1.11	-1.06	5.02	30.00
5755MHz	Pass	4.62	6.55	6.39	6.53	6.02	12.19	30.00
5795MHz	Pass	4.62	6.08	5.91	6.02	4.80	11.60	30.00
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	5.07	3.23	3.05	2.96	3.11	8.97	17.00
5290MHz	Pass	5.23	-1.19	-0.90	-1.34	-1.20	4.66	11.00
5530MHz	Pass	5.21	-1.60	-1.54	-1.58	-1.41	4.37	11.00
5610MHz	Pass	5.21	-1.39	-1.24	-1.41	-1.07	4.47	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.21	-1.58	-1.71	-1.61	-1.59	4.16	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.62	-4.02	-3.96	-4.22	-3.61	2.01	30.00
5775MHz	Pass	4.62	3.37	3.40	3.64	3.68	9.24	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;

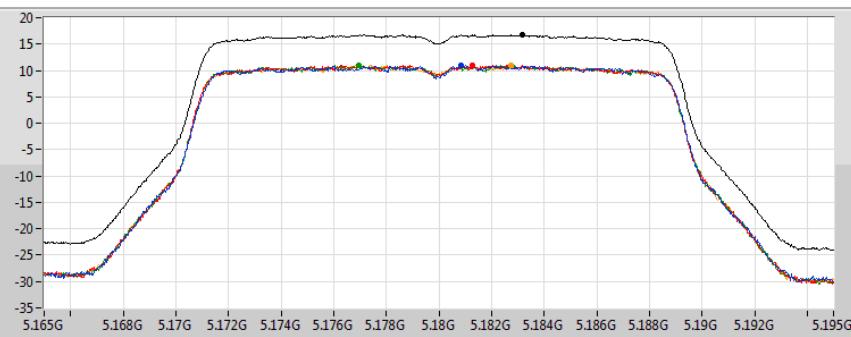


802.11ac VHT20-BF_Nss2,(MCS0)_4TX

PSD

5180MHz

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



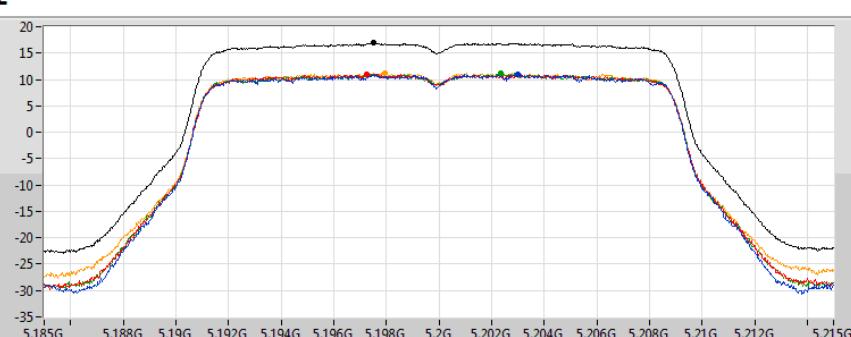
Sum
Port 1
Port 2
Port 3
Port 4

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

PSD

5200MHz

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



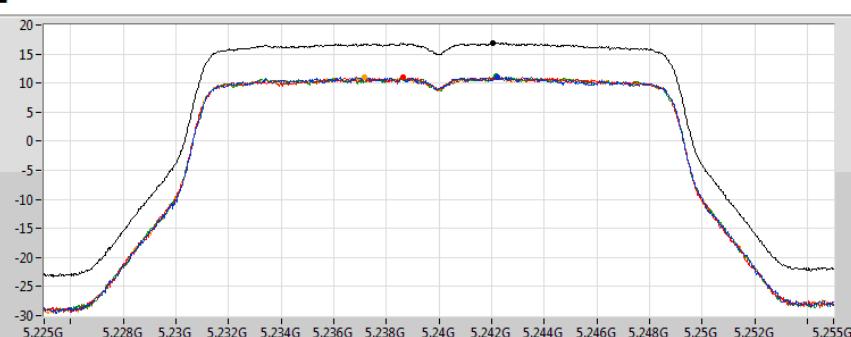
Sum
Port 1
Port 2
Port 3
Port 4

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

PSD

5240MHz

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



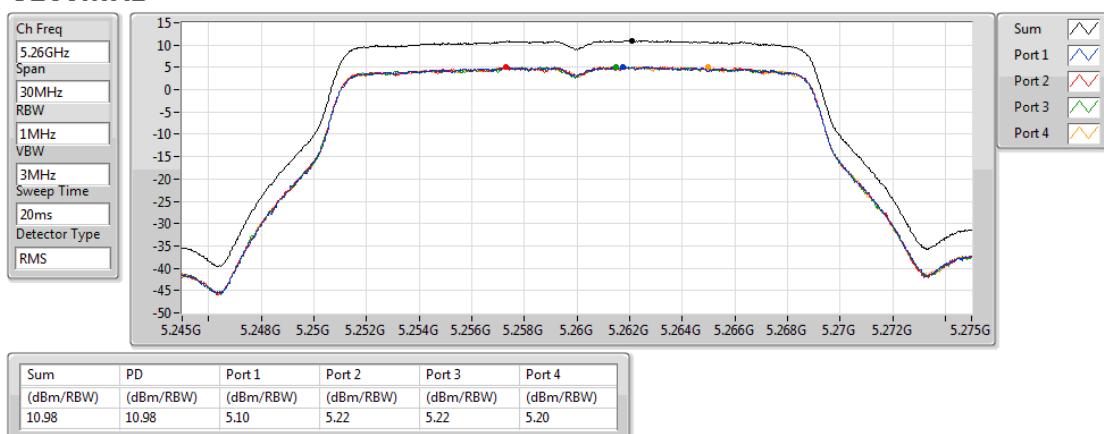
Sum
Port 1
Port 2
Port 3
Port 4



802.11ac VHT20-BF_Nss2,(MCS0)_4TX

PSD

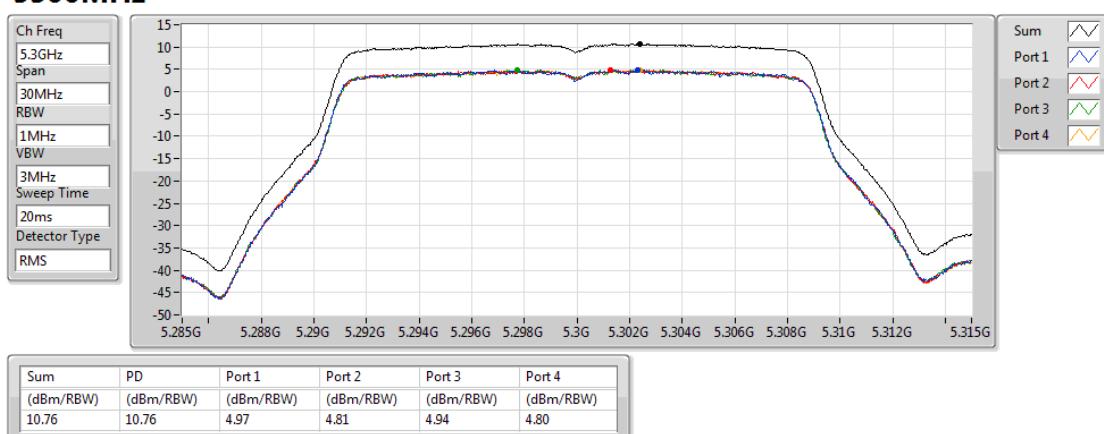
5260MHz



802.11ac VHT20-BF_Nss2,(MCS0)_4TX

PSD

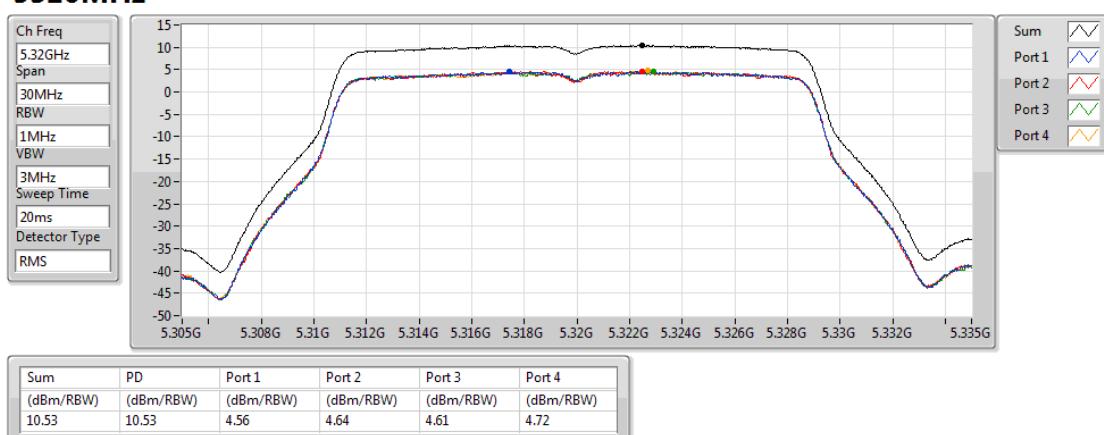
5300MHz



802.11ac VHT20-BF_Nss2,(MCS0)_4TX

PSD

5320MHz



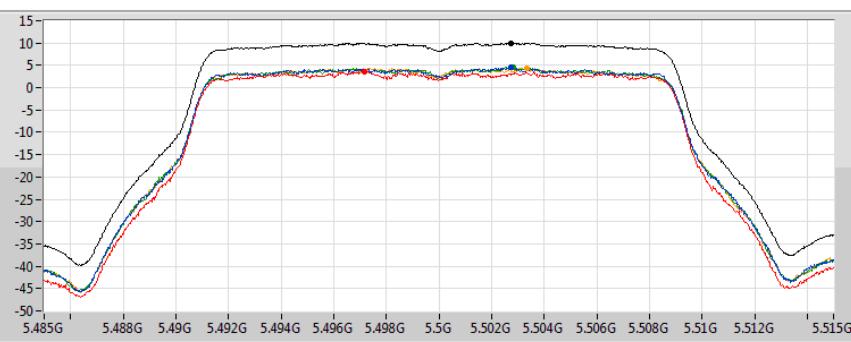


802.11ac VHT20-BF_Nss2,(MCS0)_4TX

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
Port 4

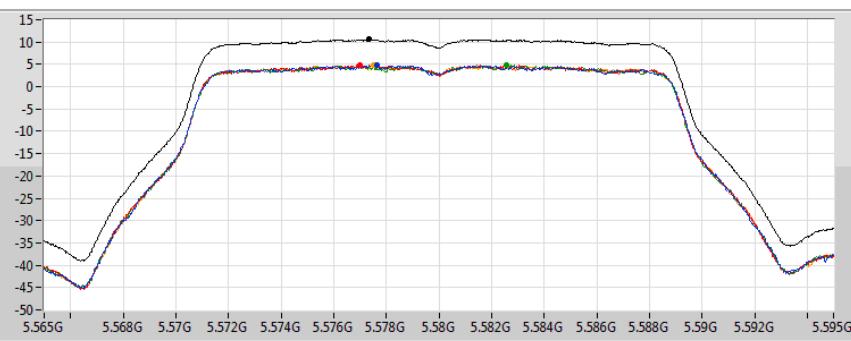
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.01	10.01	4.63	3.68	4.53	4.35

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

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
Port 4

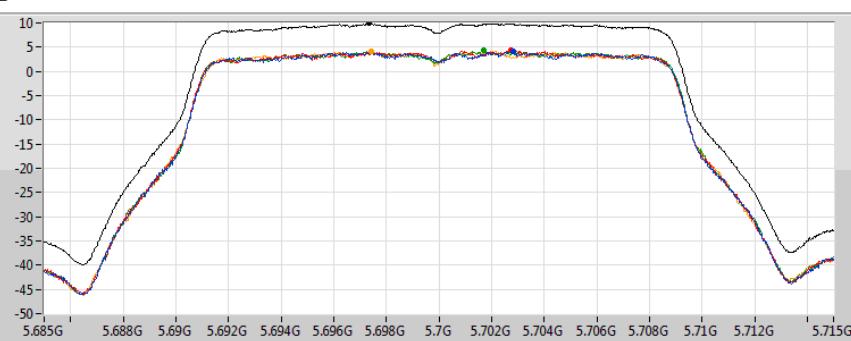
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.59	10.59	4.72	4.79	4.79	4.80

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.91	9.91	4.08	4.33	4.27	4.24

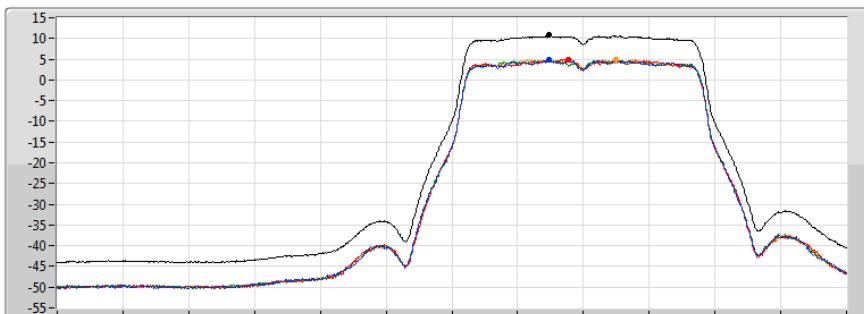


802.11ac VHT20-BF_Nss2,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

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



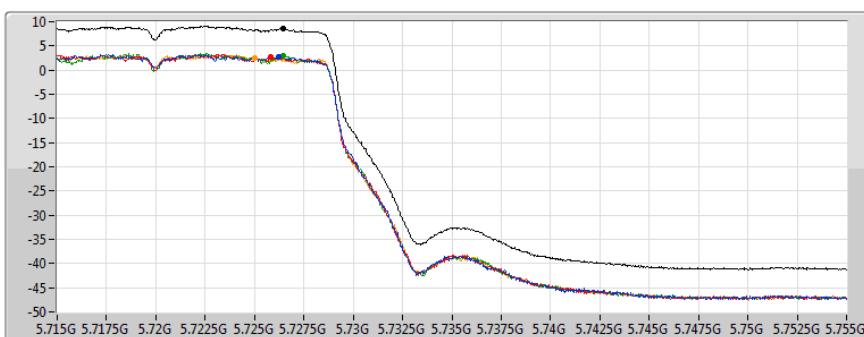
Sum	/\
Port 1	/\
Port 2	/\
Port 3	/\
Port 4	/\

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

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



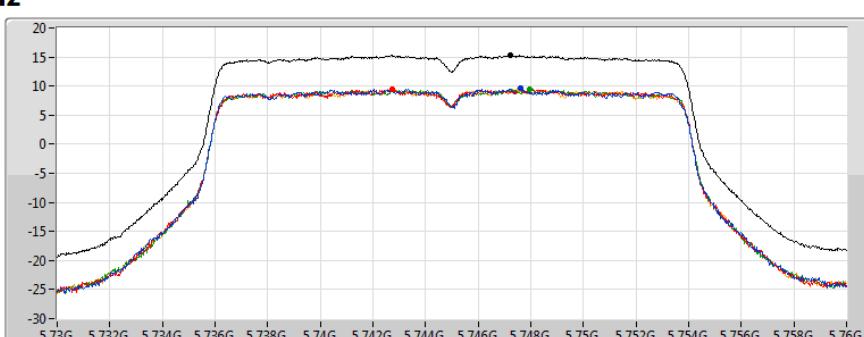
Sum	/\
Port 1	/\
Port 2	/\
Port 3	/\
Port 4	/\

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

PSD

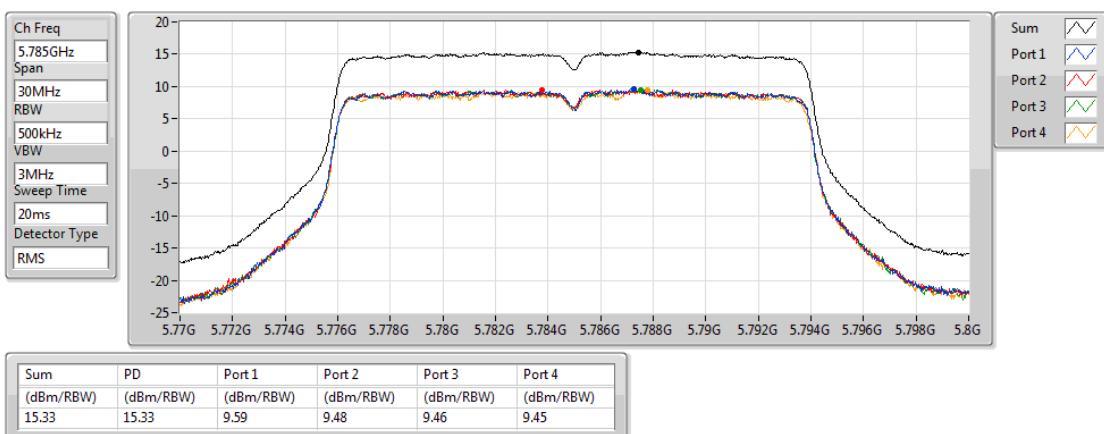
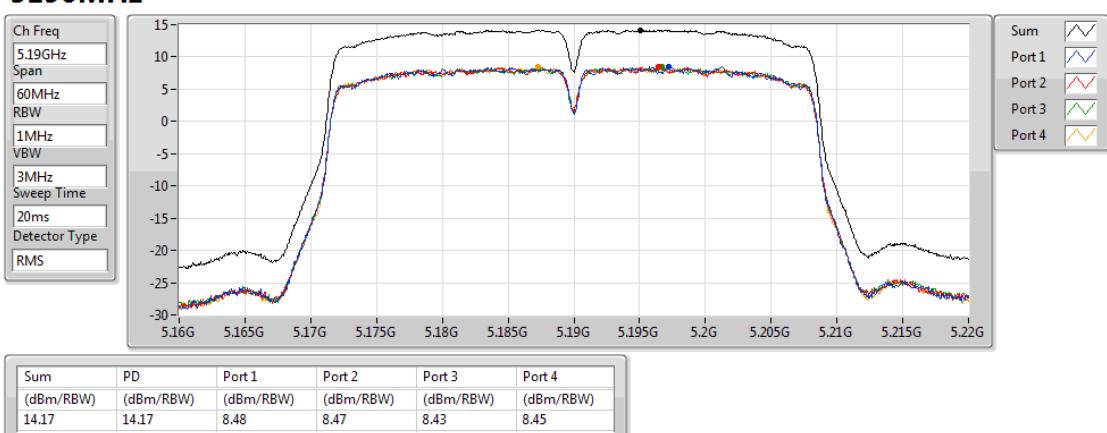
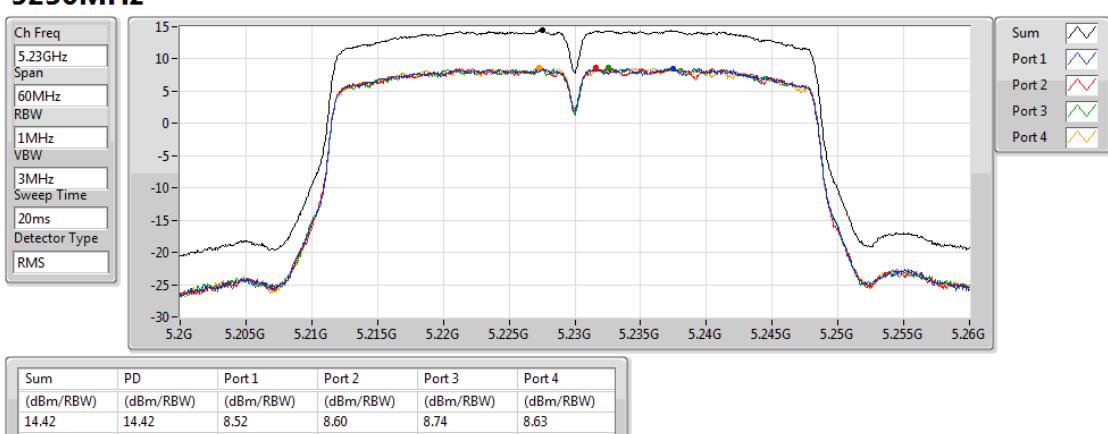
5745MHz

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



Sum	/\
Port 1	/\
Port 2	/\
Port 3	/\
Port 4	/\

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.27	15.27	9.55	9.42	9.54	9.54

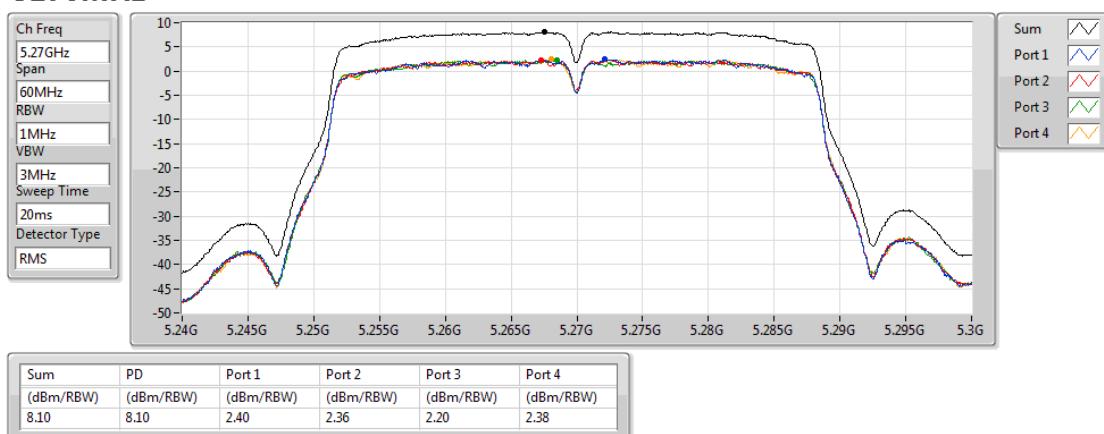
**802.11ac VHT20-BF_Nss2,(MCS0)_4TX****PSD****5785MHz****802.11ac VHT40-BF_Nss2,(MCS0)_4TX****PSD****5190MHz****802.11ac VHT40-BF_Nss2,(MCS0)_4TX****PSD****5230MHz**



802.11ac VHT40-BF_Nss2,(MCS0)_4TX

PSD

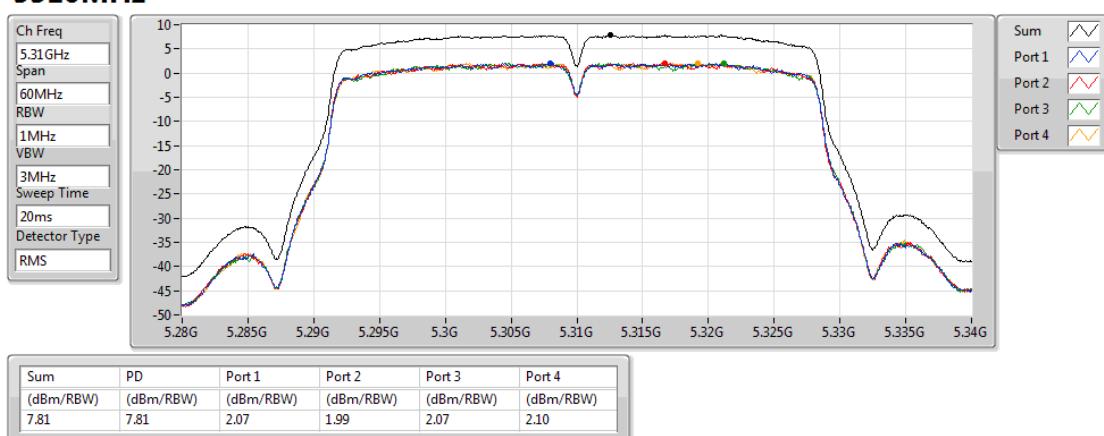
5270MHz



802.11ac VHT40-BF_Nss2,(MCS0)_4TX

PSD

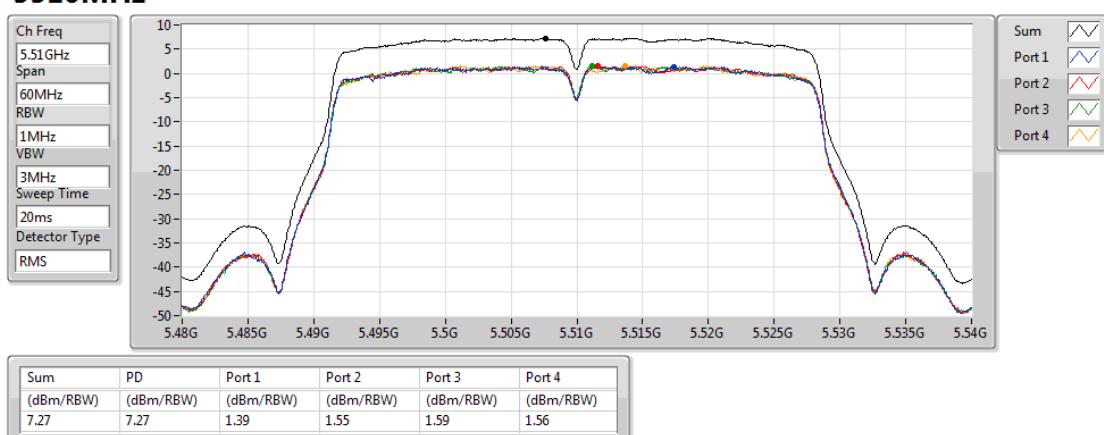
5310MHz



802.11ac VHT40-BF_Nss2,(MCS0)_4TX

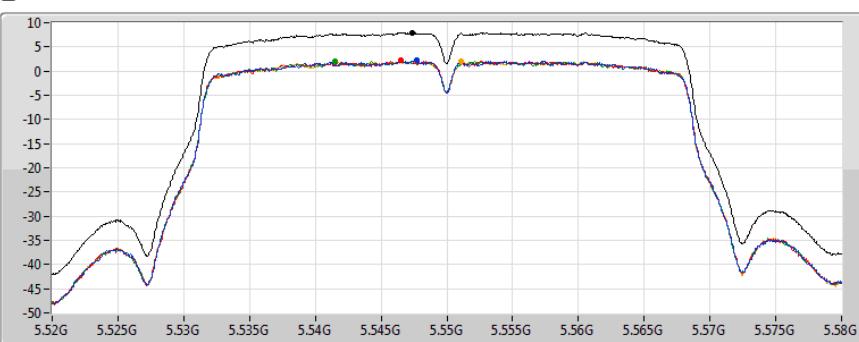
PSD

5510MHz



**802.11ac VHT40-BF_Nss2,(MCS0)_4TX****PSD****5550MHz**

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

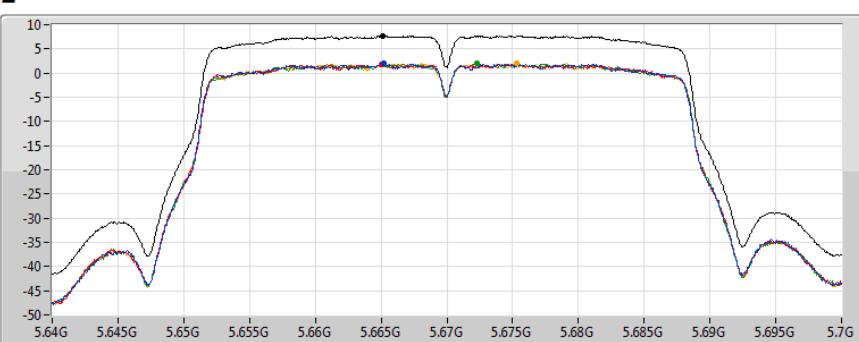


Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.95	7.95	2.25	2.15	2.01	1.98

802.11ac VHT40-BF_Nss2,(MCS0)_4TX**PSD****5670MHz**

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

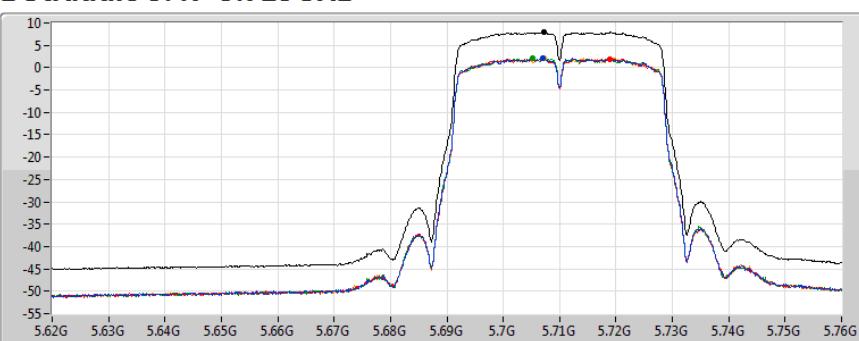


Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.69	7.69	1.93	1.79	2.04	1.98

802.11ac VHT40-BF_Nss2,(MCS0)_4TX**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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.94	7.94	2.12	1.95	2.00	2.18

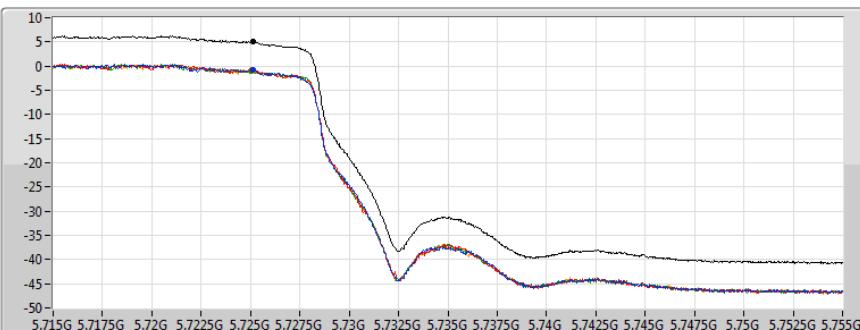


802.11ac VHT40-BF_Nss2,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

Ch Freq
5.735GHz
Span
40MHz
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"/>
Port 3	<input type="checkbox"/>
Port 4	<input type="checkbox"/>

Sum PD Port 1 Port 2 Port 3 Port 4

(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.02	5.02	-0.80	-0.70	-1.11	-1.06

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

PSD

5755MHz

Ch Freq
5.755GHz
Span
60MHz
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"/>
Port 3	<input type="checkbox"/>
Port 4	<input type="checkbox"/>

Sum PD Port 1 Port 2 Port 3 Port 4

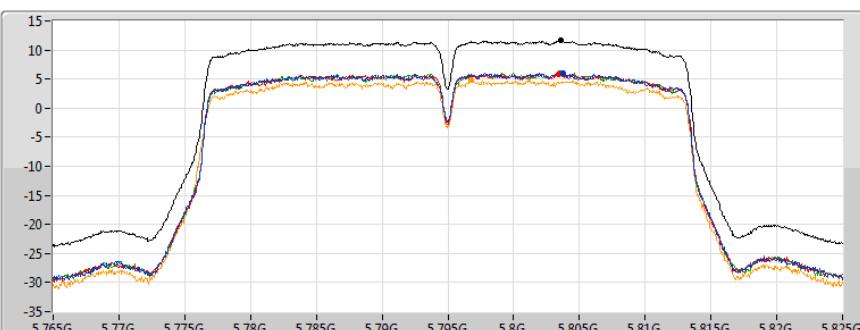
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.19	12.19	6.55	6.39	6.53	6.02

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

PSD

5795MHz

Ch Freq
5.795GHz
Span
60MHz
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"/>
Port 3	<input type="checkbox"/>
Port 4	<input type="checkbox"/>

Sum PD Port 1 Port 2 Port 3 Port 4

(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.60	11.60	6.08	5.91	6.02	4.80

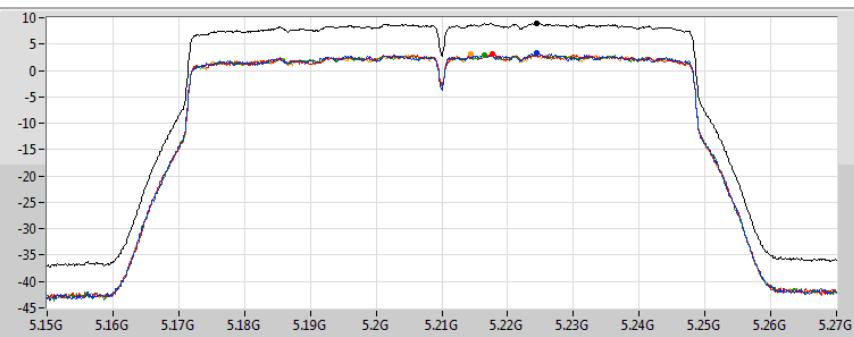


802.11ac VHT80-BF_Nss2,(MCS0)_4TX

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
Port 4

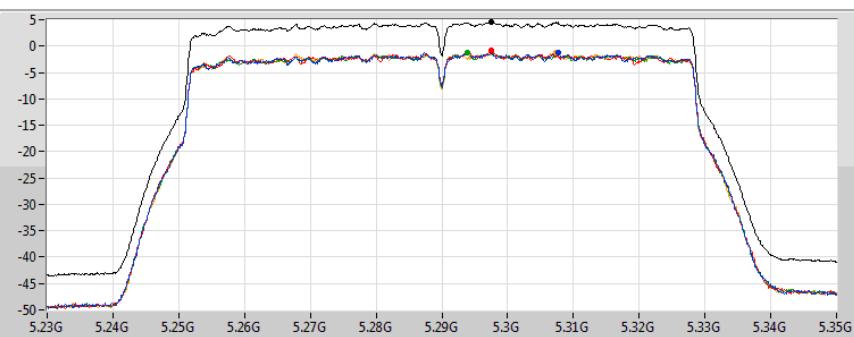
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.97	8.97	3.23	3.05	2.96	3.11

802.11ac VHT80-BF_Nss2,(MCS0)_4TX

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
Port 4

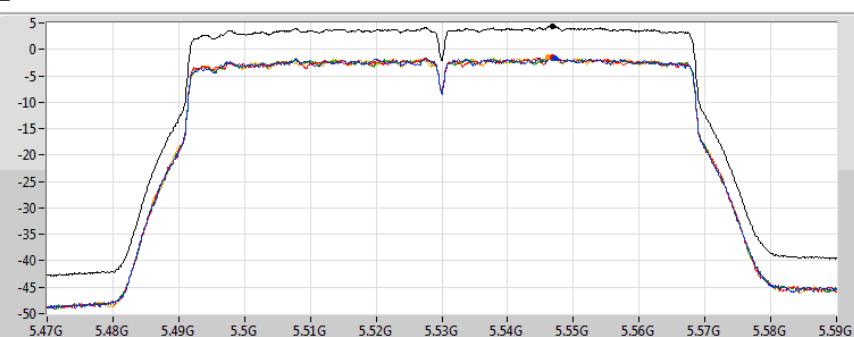
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.66	4.66	-1.19	-0.90	-1.34	-1.20

802.11ac VHT80-BF_Nss2,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.37	4.37	-1.60	-1.54	-1.58	-1.41

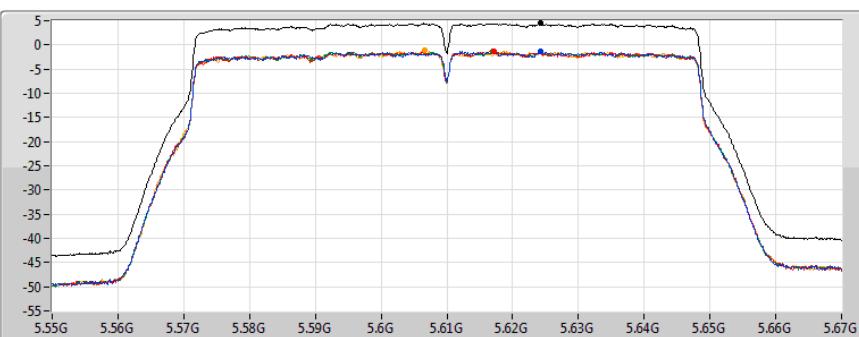


802.11ac VHT80-BF_Nss2,(MCS0)_4TX

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
Port 4

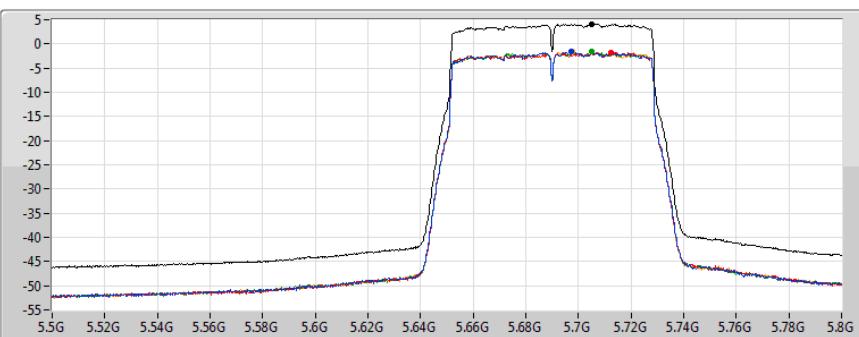
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.47	4.47	-1.39	-1.24	-1.41	-1.07

802.11ac VHT80-BF_Nss2,(MCS0)_4TX

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
Port 4

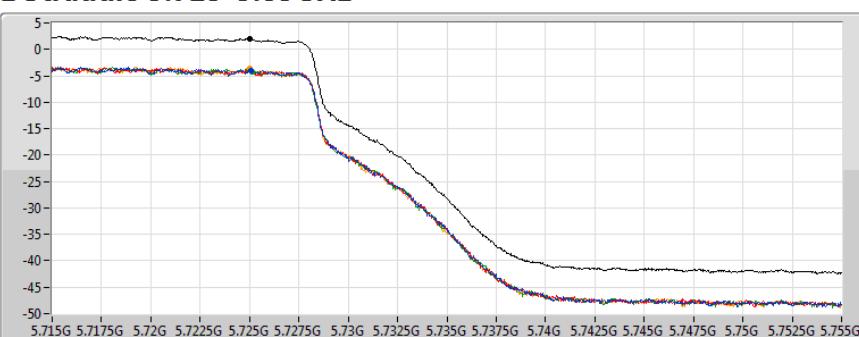
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.16	4.16	-1.58	-1.71	-1.61	-1.59

802.11ac VHT80-BF_Nss2,(MCS0)_4TX

PSD

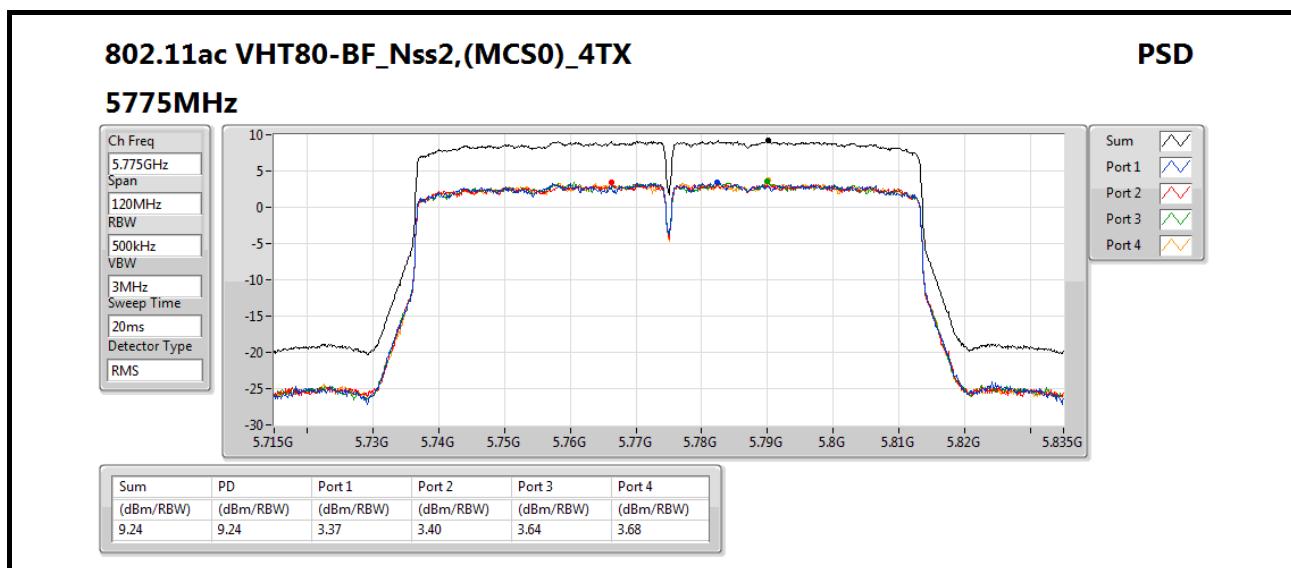
5690MHz Straddle 5.725-5.85GHz

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



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.01	2.01	-4.02	-3.96	-4.22	-3.61





For set 6 antenna / 4T1S

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_4TX	-
5.15-5.25GHz	16.25
5.25-5.35GHz	10.42
5.47-5.725GHz	10.43
5.725-5.85GHz	15.23
802.11ac VHT20_Nss1,(MCS0)_4TX	-
5.15-5.25GHz	16.95
5.25-5.35GHz	10.90
5.47-5.725GHz	10.96
5.725-5.85GHz	15.97
802.11ac VHT40_Nss1,(MCS0)_4TX	-
5.15-5.25GHz	14.19
5.25-5.35GHz	9.44
5.47-5.725GHz	9.32
5.725-5.85GHz	12.92
802.11ac VHT80_Nss1,(MCS0)_4TX	-
5.15-5.25GHz	7.09
5.25-5.35GHz	5.96
5.47-5.725GHz	5.90
5.725-5.85GHz	6.80
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-
5.15-5.25GHz	16.33
5.25-5.35GHz	10.97
5.47-5.725GHz	10.82
5.725-5.85GHz	16.26
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-
5.15-5.25GHz	14.37
5.25-5.35GHz	8.51
5.47-5.725GHz	8.73
5.725-5.85GHz	12.72
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-
5.15-5.25GHz	12.85
5.25-5.35GHz	7.56
5.47-5.725GHz	7.76
5.725-5.85GHz	12.71

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)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.13	8.60	9.02	8.84	8.46	14.47	17.00
5200MHz	Pass	4.13	10.60	10.48	10.25	10.04	16.10	17.00
5240MHz	Pass	4.13	10.42	9.94	10.33	10.77	16.25	17.00
5260MHz	Pass	4.03	4.10	3.89	4.33	4.10	9.99	11.00
5300MHz	Pass	4.03	3.94	4.13	4.11	4.03	9.98	11.00
5320MHz	Pass	4.03	4.33	4.72	4.57	4.43	10.42	11.00
5500MHz	Pass	3.95	4.19	4.73	4.11	4.09	10.25	11.00
5580MHz	Pass	3.95	4.18	4.92	4.25	4.31	10.35	11.00
5700MHz	Pass	3.95	4.14	4.51	3.82	3.87	9.97	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.95	4.47	4.88	4.28	4.24	10.43	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.33	1.88	1.88	1.79	0.97	7.60	30.00
5745MHz	Pass	5.33	9.32	9.44	9.26	9.22	15.23	30.00
5785MHz	Pass	5.33	9.54	9.20	9.12	9.19	15.15	30.00
5825MHz	Pass	5.33	9.15	9.31	8.85	8.99	14.97	30.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.13	9.93	10.30	10.05	9.79	15.83	17.00
5200MHz	Pass	4.13	11.14	11.04	10.73	10.69	16.68	17.00
5240MHz	Pass	4.13	11.02	10.59	11.04	11.50	16.95	17.00
5260MHz	Pass	4.03	4.66	4.40	4.85	4.71	10.54	11.00
5300MHz	Pass	4.03	4.44	4.71	4.78	4.59	10.57	11.00
5320MHz	Pass	4.03	4.63	5.14	5.01	5.09	10.90	11.00
5500MHz	Pass	3.95	4.86	5.52	4.82	4.90	10.96	11.00
5580MHz	Pass	3.95	4.59	5.36	4.79	4.97	10.82	11.00
5700MHz	Pass	3.95	4.68	5.12	4.40	4.51	10.60	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.95	4.48	5.02	4.40	4.39	10.50	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.33	1.91	1.91	1.85	0.99	7.67	30.00
5745MHz	Pass	5.33	10.00	10.21	9.88	9.92	15.97	30.00
5785MHz	Pass	5.33	10.12	9.81	9.56	9.72	15.75	30.00
5825MHz	Pass	5.33	9.67	9.98	9.41	9.58	15.59	30.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.13	5.97	6.18	6.24	5.82	11.89	17.00
5230MHz	Pass	4.13	7.95	8.42	8.50	8.32	14.19	17.00
5270MHz	Pass	4.03	3.50	3.87	3.79	3.41	9.44	11.00
5310MHz	Pass	4.03	3.36	4.00	3.62	3.36	9.41	11.00
5510MHz	Pass	3.95	3.20	4.00	3.15	3.13	9.25	11.00
5550MHz	Pass	3.95	3.25	4.06	3.16	3.14	9.32	11.00
5670MHz	Pass	3.95	3.41	3.65	3.16	3.15	9.23	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.95	2.44	3.04	2.21	2.18	8.40	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.33	-1.44	-0.76	-1.79	-1.37	4.68	30.00
5755MHz	Pass	5.33	6.01	6.47	5.98	6.04	12.02	30.00
5795MHz	Pass	5.33	7.22	7.29	6.71	6.94	12.92	30.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.13	1.32	1.27	1.37	1.18	7.09	17.00



FCC Test Report

Report No. : FR760624AB

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5290MHz	Pass	4.03	0.11	0.25	0.08	-0.07	5.96	11.00
5530MHz	Pass	3.95	-0.13	0.39	-0.13	-0.21	5.83	11.00
5610MHz	Pass	3.95	0.06	0.20	-0.07	0.19	5.90	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.95	-0.88	-0.92	-1.17	-1.37	4.80	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.33	-3.22	-3.00	-3.87	-3.60	2.52	30.00
5775MHz	Pass	5.33	0.98	1.42	0.76	0.64	6.80	30.00
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.13	10.50	10.47	10.49	10.43	16.33	17.00
5200MHz	Pass	4.13	10.44	10.37	10.32	10.27	16.30	17.00
5240MHz	Pass	4.13	10.22	10.21	10.33	10.33	16.23	17.00
5260MHz	Pass	4.03	5.14	5.10	5.10	5.13	10.97	11.00
5300MHz	Pass	4.03	5.16	5.08	5.02	5.04	10.97	11.00
5320MHz	Pass	4.03	4.88	4.76	4.82	4.86	10.70	11.00
5500MHz	Pass	3.95	4.84	4.78	4.91	4.83	10.68	11.00
5580MHz	Pass	3.95	4.74	4.58	4.60	4.69	10.48	11.00
5700MHz	Pass	3.95	4.92	4.95	4.87	4.83	10.82	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.95	4.97	4.86	4.82	4.92	10.82	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.33	2.92	3.04	2.94	2.84	8.87	30.00
5745MHz	Pass	5.33	10.33	10.40	10.33	10.41	16.26	30.00
5785MHz	Pass	5.33	10.29	10.26	10.26	10.07	16.07	30.00
5825MHz	Pass	5.33	9.84	9.86	9.74	9.72	15.65	30.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.13	7.47	7.52	7.51	7.51	13.41	17.00
5230MHz	Pass	4.13	8.48	8.52	8.56	8.55	14.37	17.00
5270MHz	Pass	4.03	2.73	2.66	2.51	2.51	8.51	11.00
5310MHz	Pass	4.03	2.38	2.46	2.43	2.44	8.33	11.00
5510MHz	Pass	3.95	2.57	2.57	2.49	2.53	8.44	11.00
5550MHz	Pass	3.95	2.87	2.78	2.76	2.68	8.73	11.00
5670MHz	Pass	3.95	2.57	2.68	2.64	2.60	8.53	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.95	2.29	2.39	2.33	2.35	8.24	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.33	-0.43	-0.43	-0.38	-0.55	5.49	30.00
5755MHz	Pass	5.33	6.87	6.76	6.67	6.76	12.70	30.00
5795MHz	Pass	5.33	6.88	6.68	6.69	6.73	12.72	30.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.13	6.87	6.89	6.95	6.89	12.85	17.00
5290MHz	Pass	4.03	1.64	1.64	1.56	1.63	7.56	11.00
5530MHz	Pass	3.95	1.70	1.53	1.80	1.55	7.57	11.00
5610MHz	Pass	3.95	1.84	1.96	1.80	1.89	7.76	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.95	-1.15	-1.16	-1.05	-1.19	4.84	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.33	-3.71	-3.38	-3.47	-3.53	2.45	30.00
5775MHz	Pass	5.33	6.88	6.85	6.83	6.73	12.71	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;

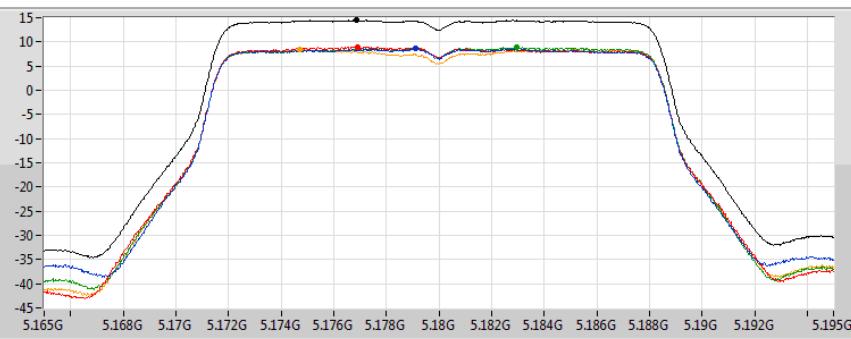


802.11a_(6Mbps)_4TX

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
Port 4

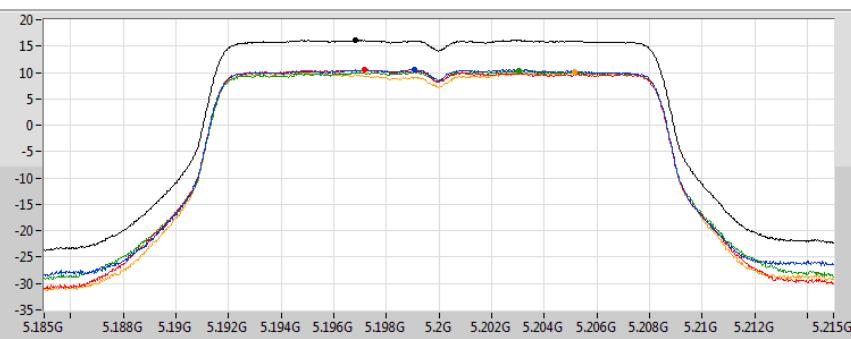
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.47	14.47	8.60	9.02	8.84	8.46

802.11a_(6Mbps)_4TX

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
Port 4

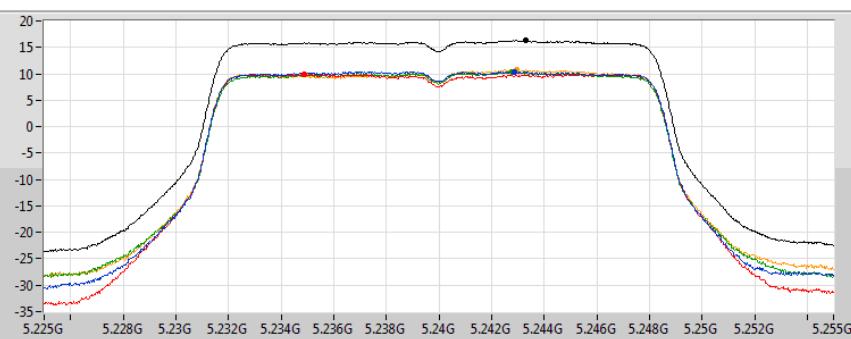
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.10	16.10	10.60	10.48	10.25	10.04

802.11a_(6Mbps)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.25	16.25	10.42	9.94	10.33	10.77

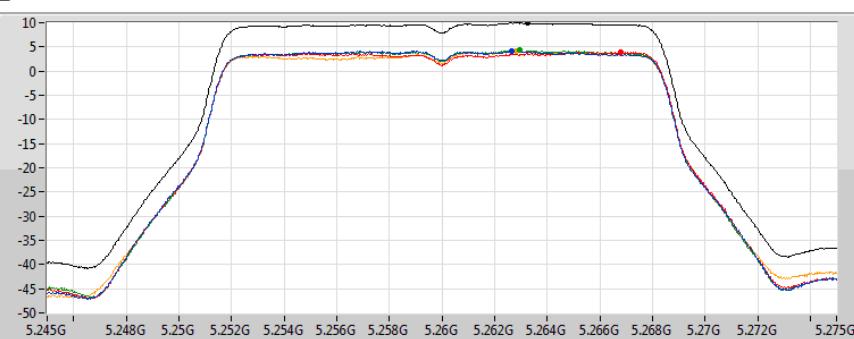


802.11a_(6Mbps)_4TX

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
Port 4

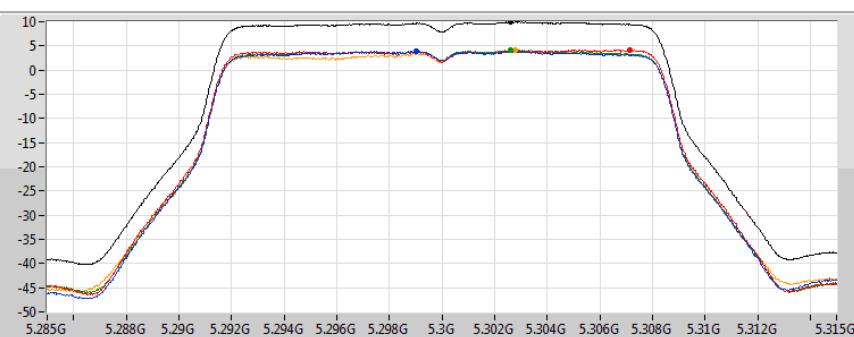
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.99	9.99	4.10	3.89	4.33	4.10

802.11a_(6Mbps)_4TX

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
Port 4

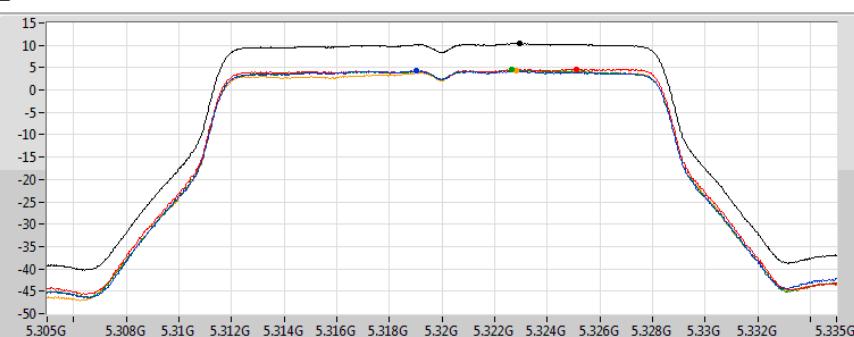
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.98	9.98	3.94	4.13	4.11	4.03

802.11a_(6Mbps)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.42	10.42	4.33	4.72	4.57	4.43

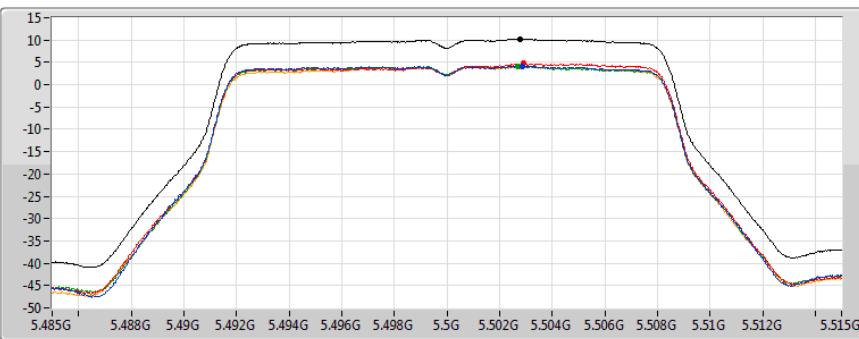


802.11a_(6Mbps)_4TX

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
Port 4

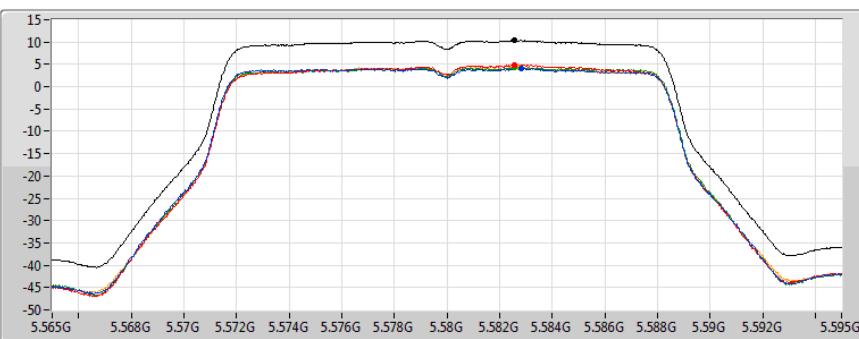
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.25	10.25	4.19	4.73	4.11	4.09

802.11a_(6Mbps)_4TX

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
Port 4

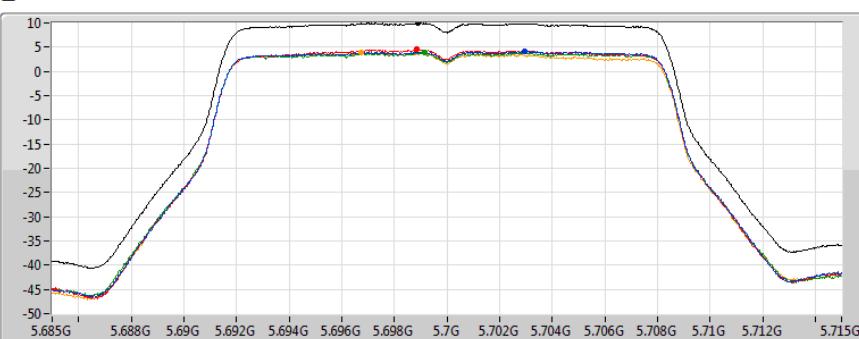
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.35	10.35	4.18	4.92	4.25	4.31

802.11a_(6Mbps)_4TX

PSD

5700MHz

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

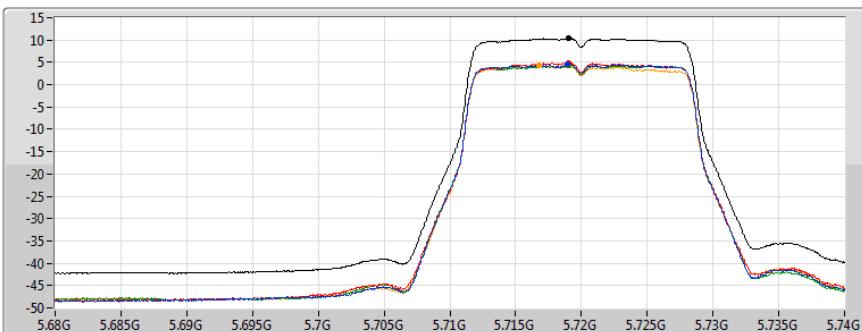


Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.97	9.97	4.14	4.51	3.82	3.87

**802.11a_(6Mbps)_4TX****PSD****5720MHz Straddle 5.47-5.725GHz**

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

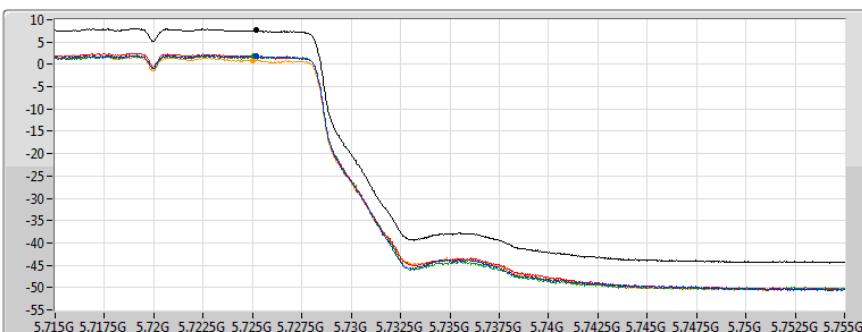


Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>
Port 3	<input type="checkbox"/>
Port 4	<input type="checkbox"/>

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.43	10.43	4.47	4.88	4.28	4.24

802.11a_(6Mbps)_4TX**PSD****5720MHz Straddle 5.725-5.85GHz**

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

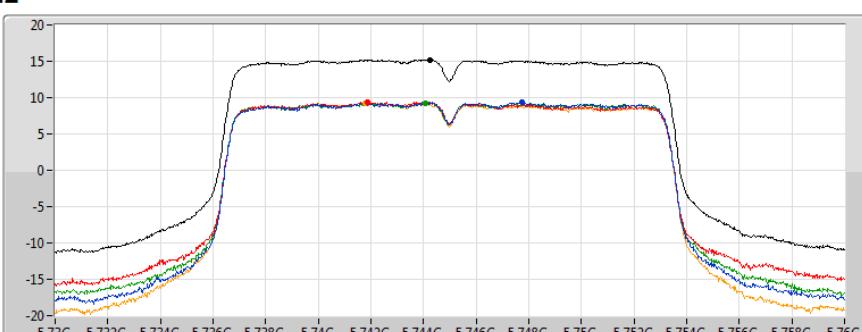


Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>
Port 3	<input type="checkbox"/>
Port 4	<input type="checkbox"/>

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.60	7.60	1.88	1.88	1.79	0.97

802.11a_(6Mbps)_4TX**PSD****5745MHz**

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

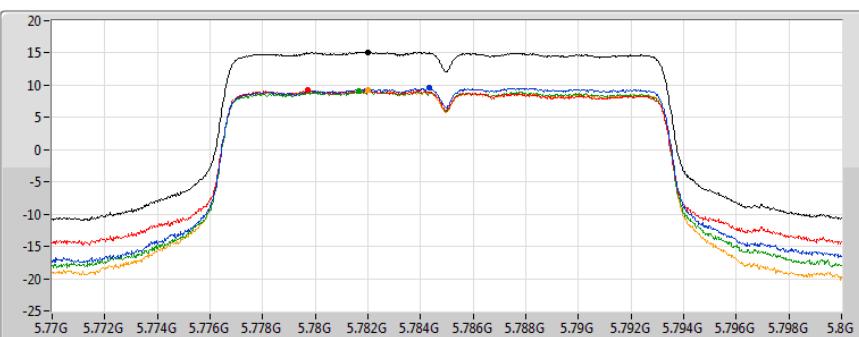


Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>
Port 3	<input type="checkbox"/>
Port 4	<input type="checkbox"/>

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.23	15.23	9.32	9.44	9.26	9.22

**802.11a_(6Mbps)_4TX****PSD****5785MHz**

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

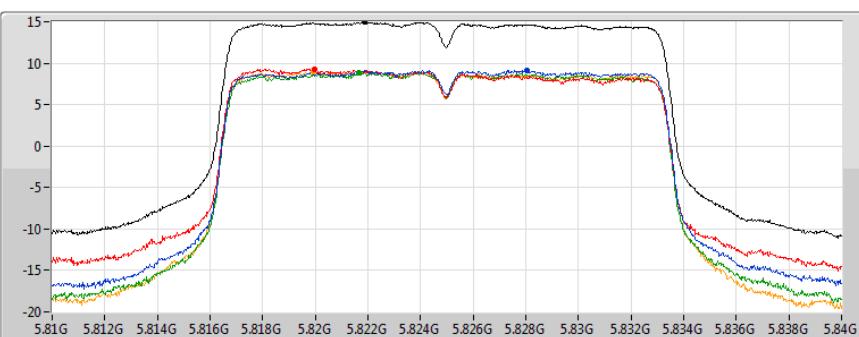


Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.15	15.15	9.54	9.20	9.12	9.19

802.11a_(6Mbps)_4TX**PSD****5825MHz**

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

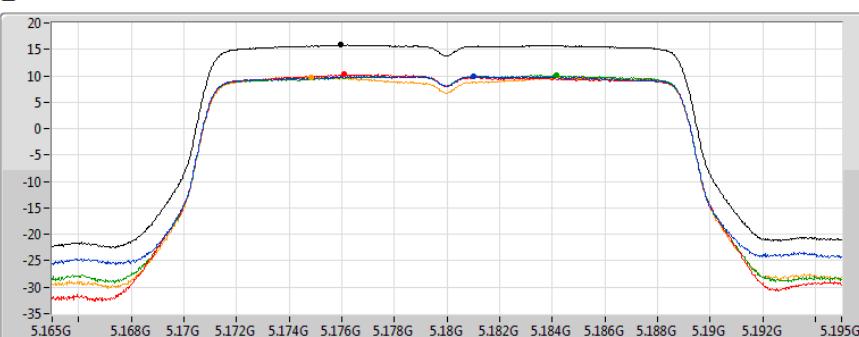


Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.97	14.97	9.15	9.31	8.85	8.99

802.11ac VHT20_Nss1,(MCS0)_4TX**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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.83	15.83	9.93	10.30	10.05	9.79

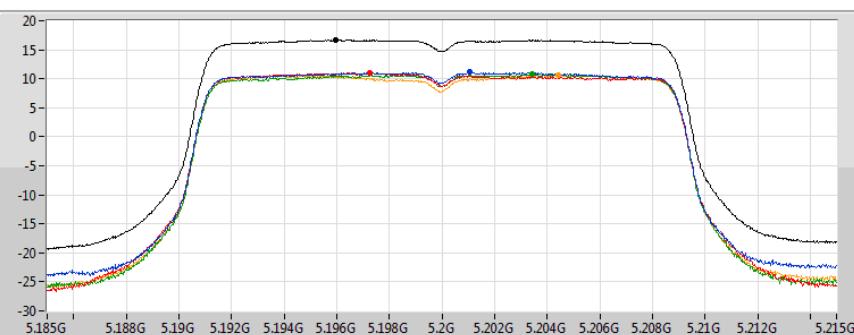


802.11ac VHT20_Nss1,(MCS0)_4TX

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
Port 4

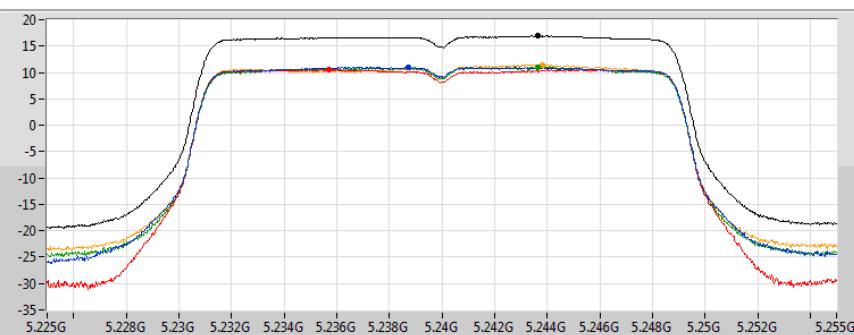
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.68	16.68	11.14	11.04	10.73	10.69

802.11ac VHT20_Nss1,(MCS0)_4TX

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
Port 4

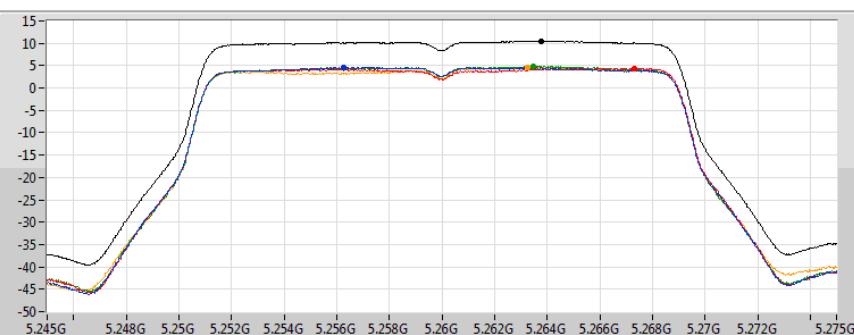
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.95	16.95	11.02	10.59	11.04	11.50

802.11ac VHT20_Nss1,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.54	10.54	4.66	4.40	4.85	4.71

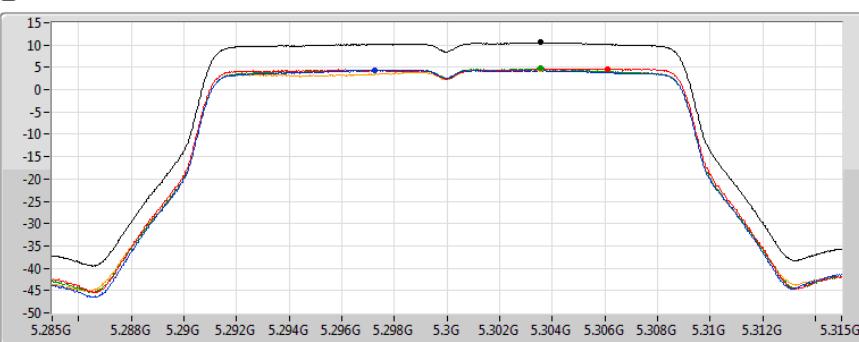


802.11ac VHT20_Nss1,(MCS0)_4TX

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
Port 4

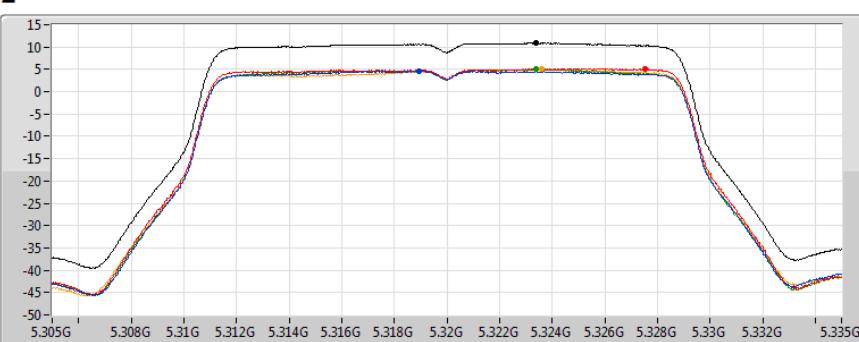
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.57	10.57	4.44	4.71	4.78	4.59

802.11ac VHT20_Nss1,(MCS0)_4TX

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
Port 4

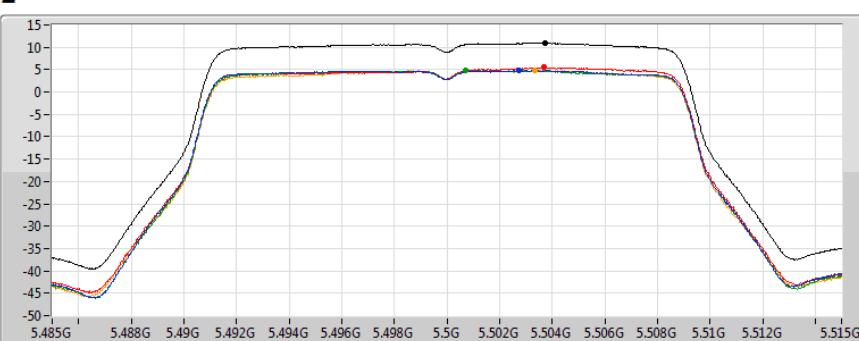
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.90	10.90	4.63	5.14	5.01	5.09

802.11ac VHT20_Nss1,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.96	10.96	4.86	5.52	4.82	4.90

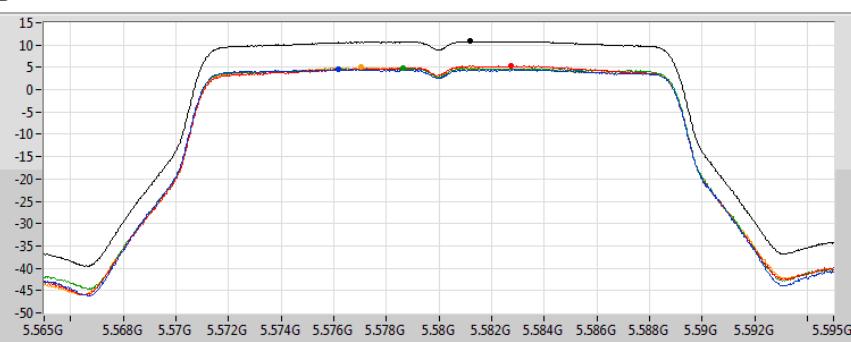


802.11ac VHT20_Nss1,(MCS0)_4TX

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
Port 4

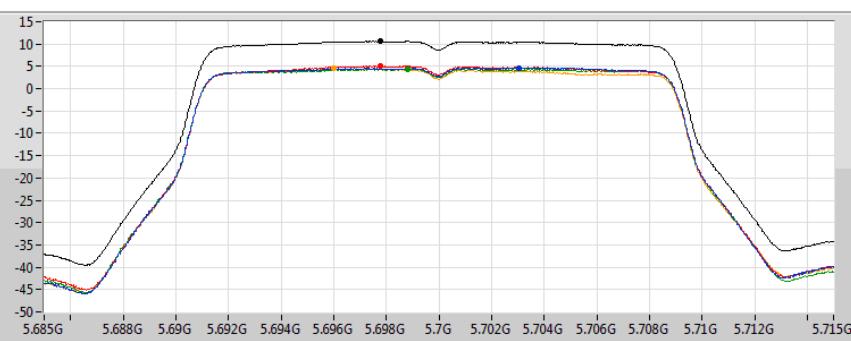
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.82	10.82	4.59	5.36	4.79	4.97

802.11ac VHT20_Nss1,(MCS0)_4TX

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
Port 4

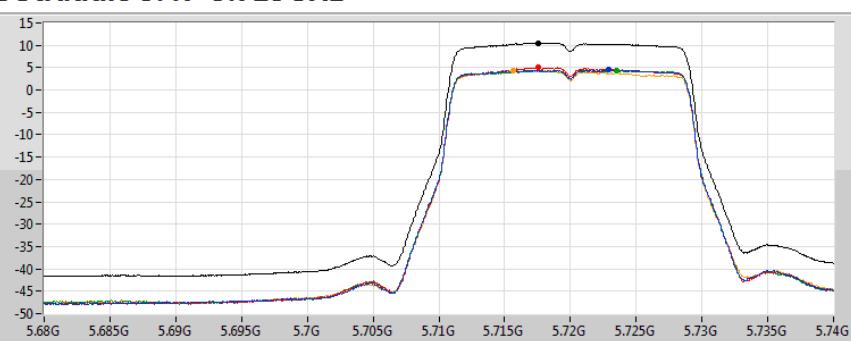
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.60	10.60	4.68	5.12	4.40	4.51

802.11ac VHT20_Nss1,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.50	10.50	4.48	5.02	4.40	4.39

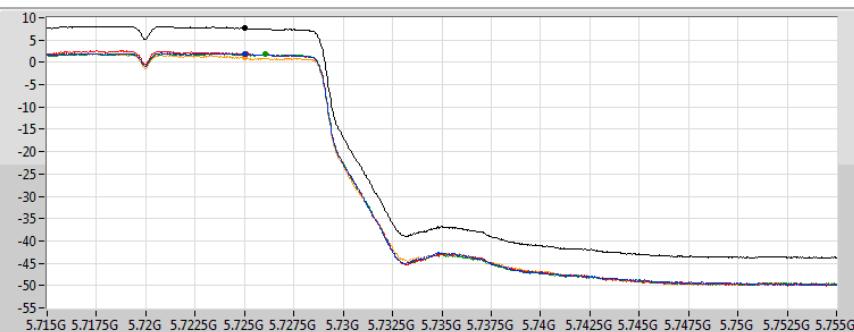


802.11ac VHT20_Nss1,(MCS0)_4TX

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
Port 4

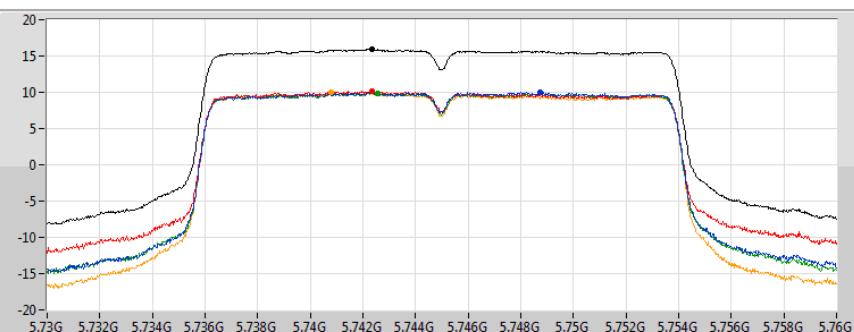
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.67	7.67	1.91	1.91	1.85	0.99

802.11ac VHT20_Nss1,(MCS0)_4TX

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
Port 4

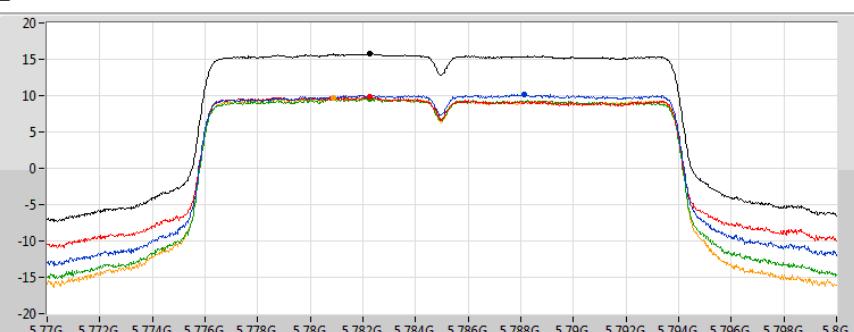
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.97	15.97	10.00	10.21	9.88	9.92

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

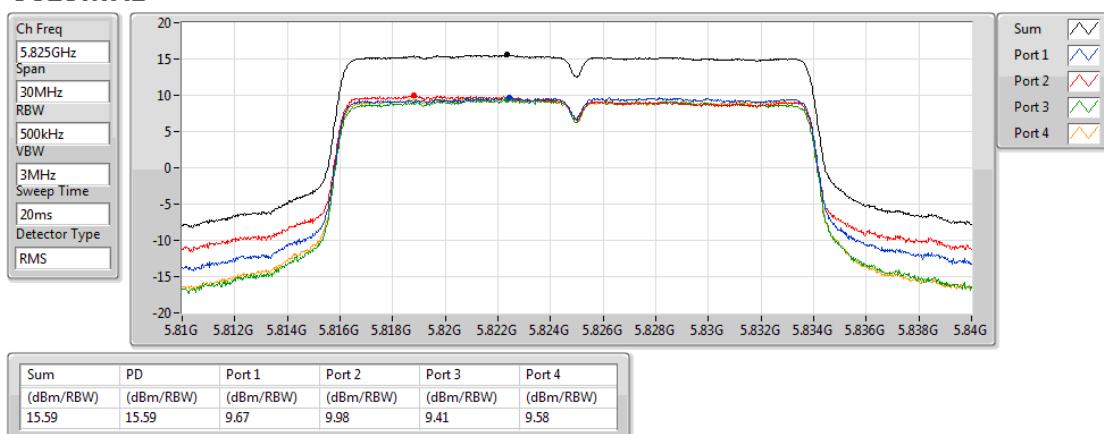
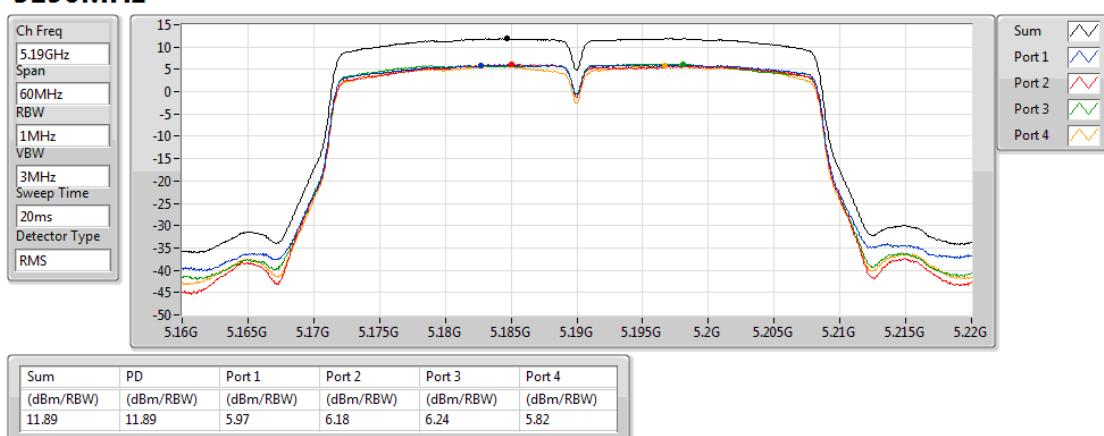
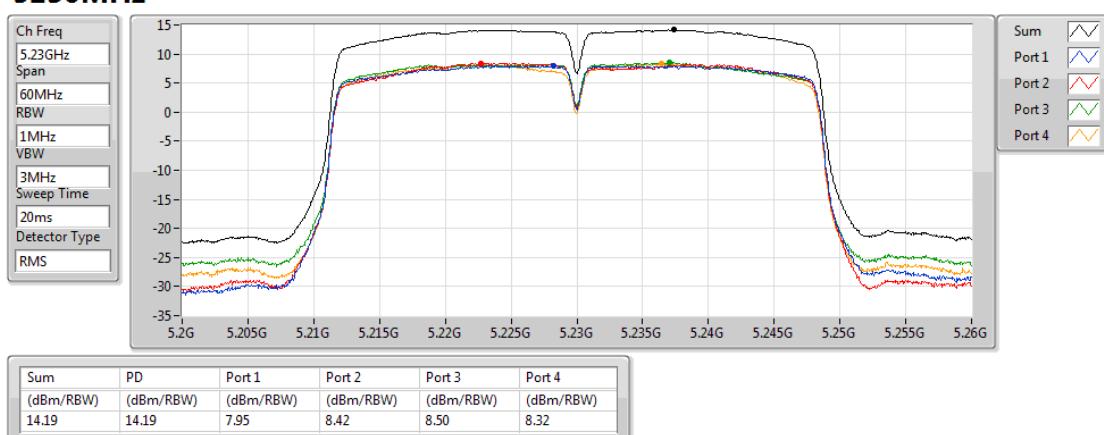
5785MHz

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



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.75	15.75	10.12	9.81	9.56	9.72

**802.11ac VHT20_Nss1,(MCS0)_4TX****PSD****5825MHz****802.11ac VHT40_Nss1,(MCS0)_4TX****PSD****5190MHz****802.11ac VHT40_Nss1,(MCS0)_4TX****PSD****5230MHz**

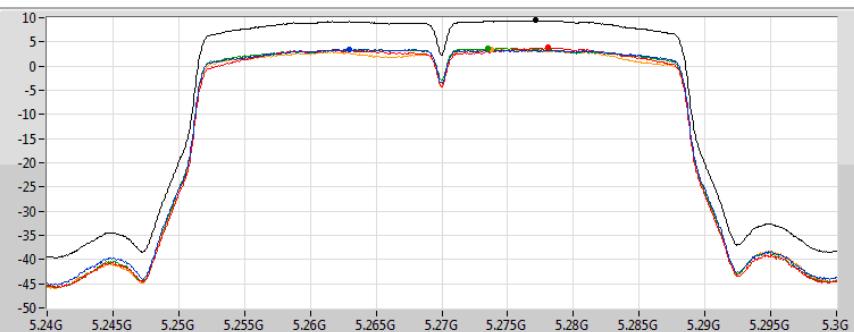


802.11ac VHT40_Nss1,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)

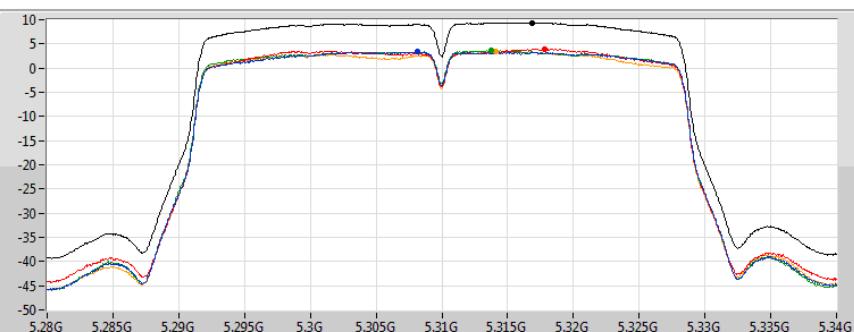
9.44 9.44 3.50 3.87 3.79 3.41

802.11ac VHT40_Nss1,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)

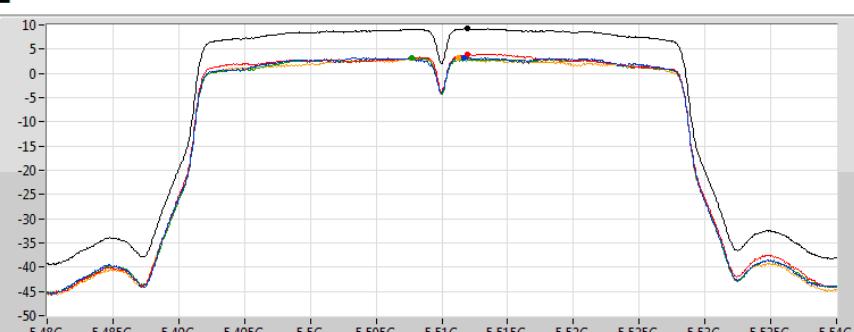
9.41 9.41 3.36 4.00 3.62 3.36

802.11ac VHT40_Nss1,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)

9.25 9.25 3.20 4.00 3.15 3.13

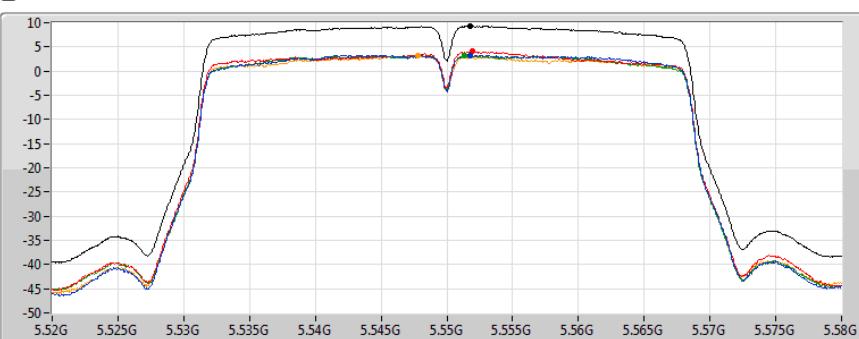


802.11ac VHT40_Nss1,(MCS0)_4TX

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
Port 4

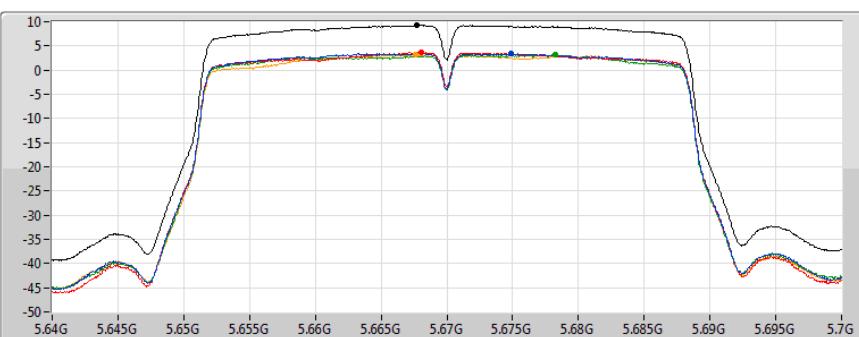
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.32	9.32	3.25	4.06	3.16	3.14

802.11ac VHT40_Nss1,(MCS0)_4TX

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
Port 4

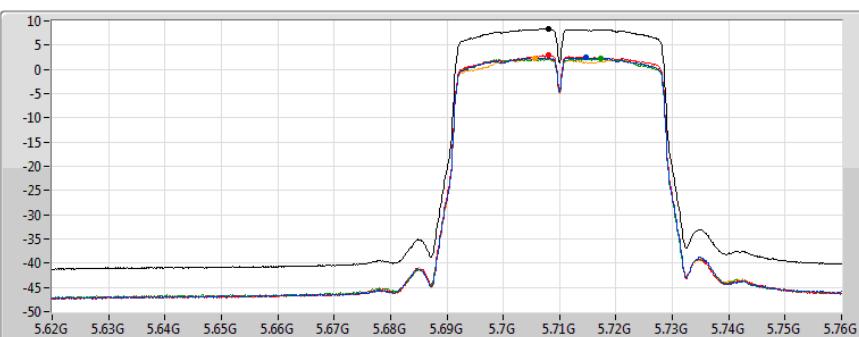
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.23	9.23	3.41	3.65	3.16	3.15

802.11ac VHT40_Nss1,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.40	8.40	2.44	3.04	2.21	2.18

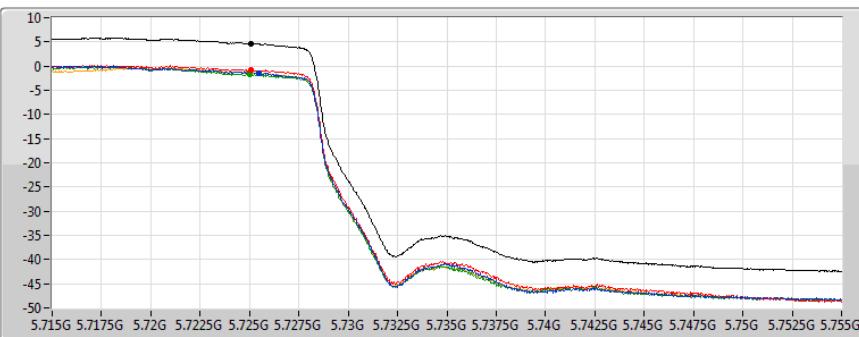


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5710MHz 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
Port 4

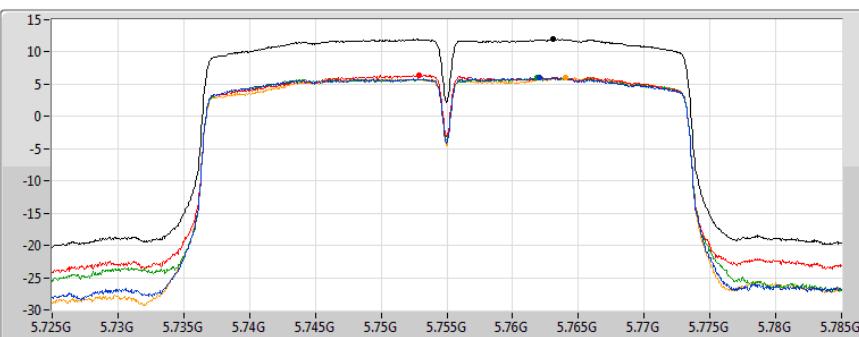
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.68	4.68	-1.44	-0.76	-1.79	-1.37

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5755MHz

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



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.02	12.02	6.01	6.47	5.98	6.04

802.11ac VHT40_Nss1,(MCS0)_4TX

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
Port 4

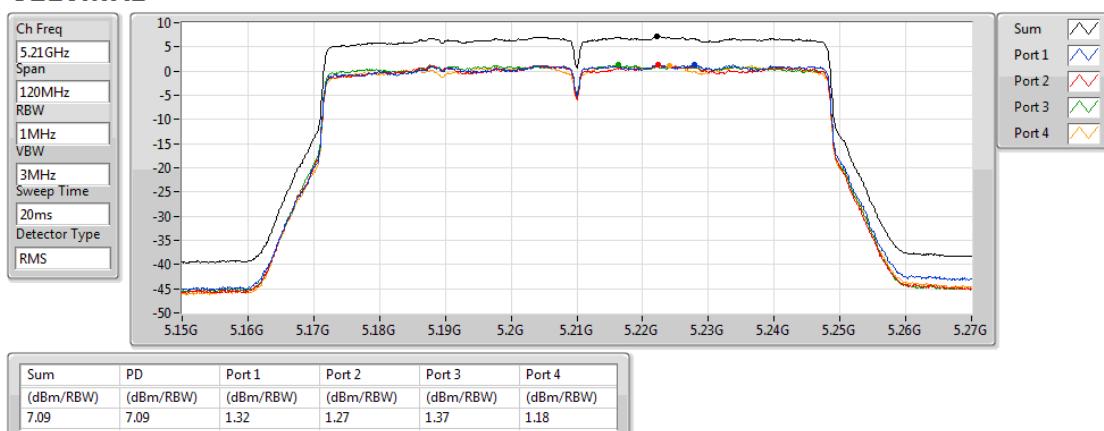
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.92	12.92	7.22	7.29	6.71	6.94



802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

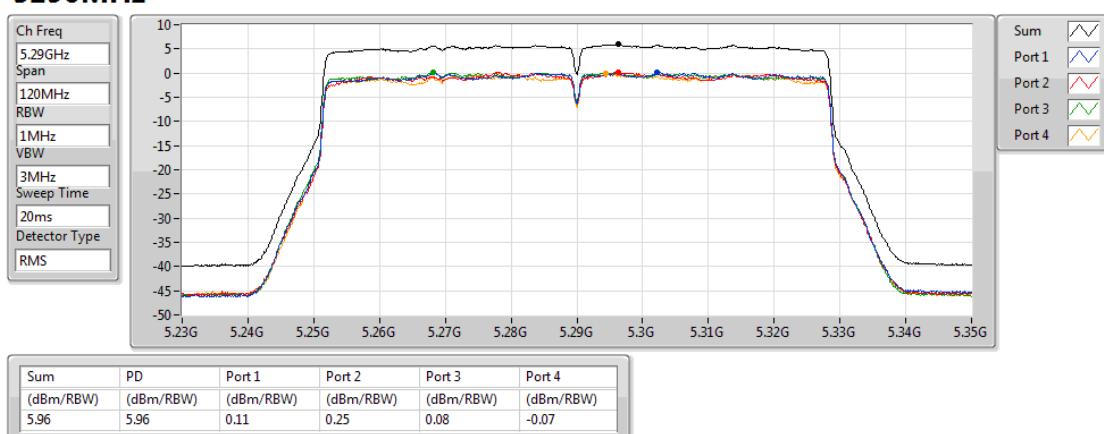
5210MHz



802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

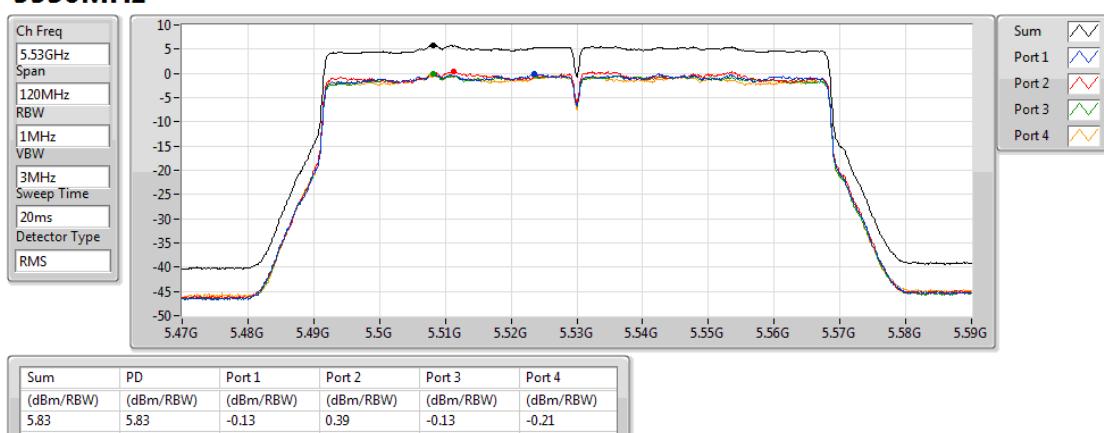
5290MHz

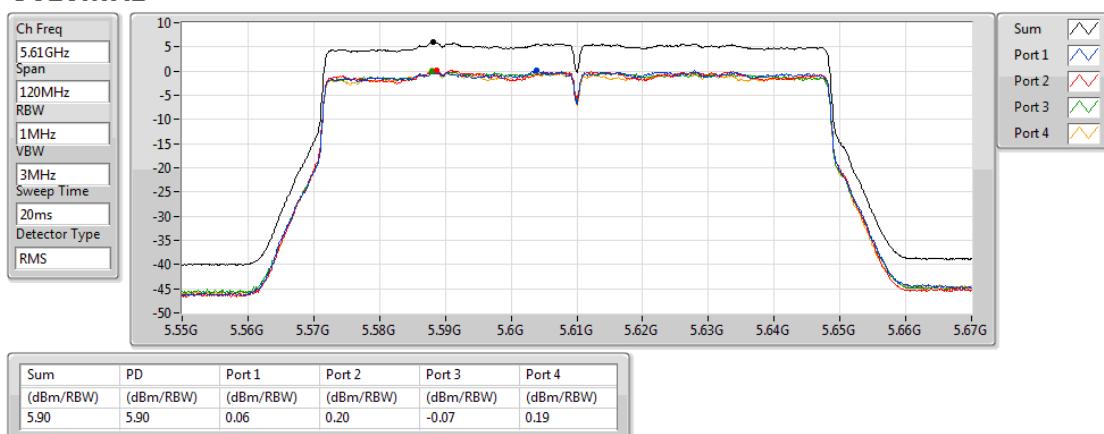
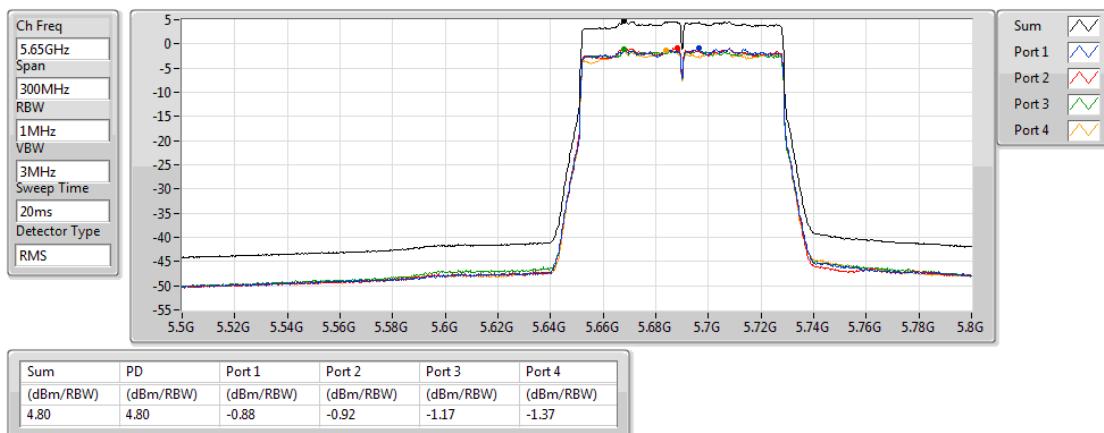
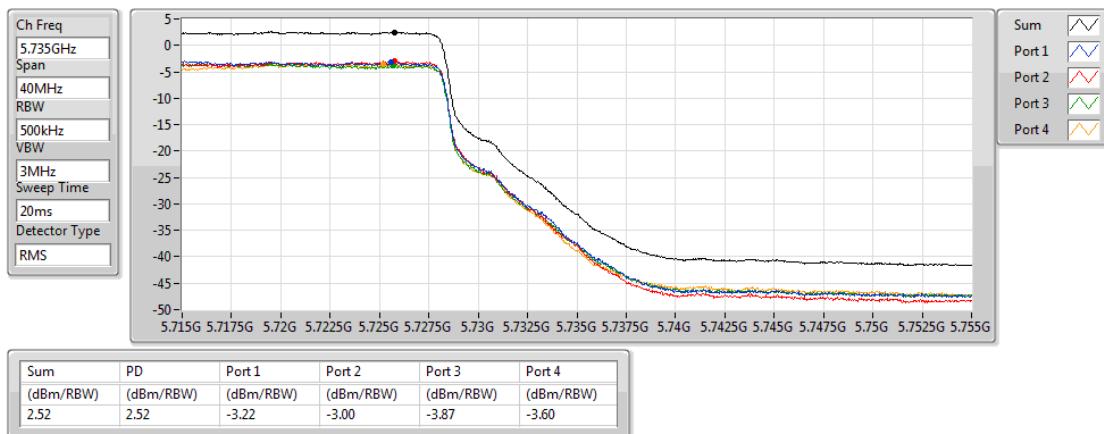


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz



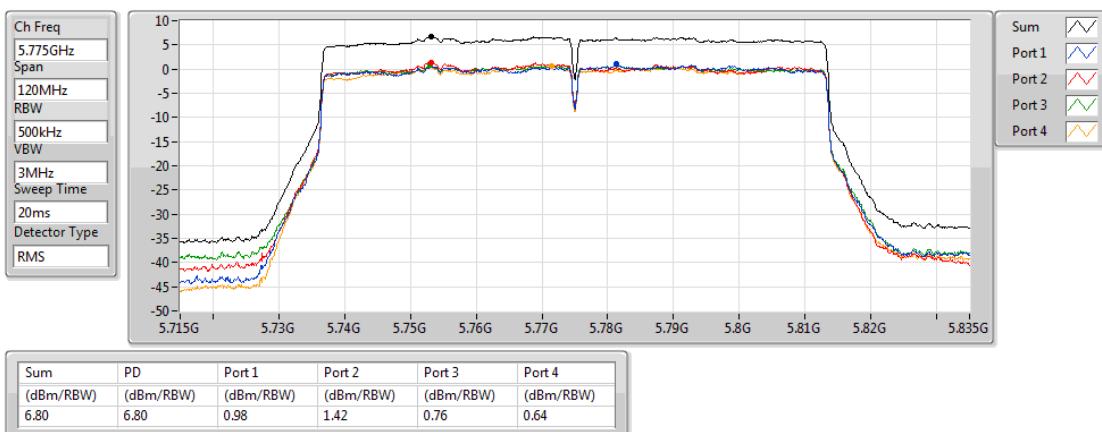
**802.11ac VHT80_Nss1,(MCS0)_4TX****PSD****5610MHz****802.11ac VHT80_Nss1,(MCS0)_4TX****PSD****5690MHz Straddle 5.47-5.725GHz****802.11ac VHT80_Nss1,(MCS0)_4TX****PSD****5690MHz Straddle 5.725-5.85GHz**



802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

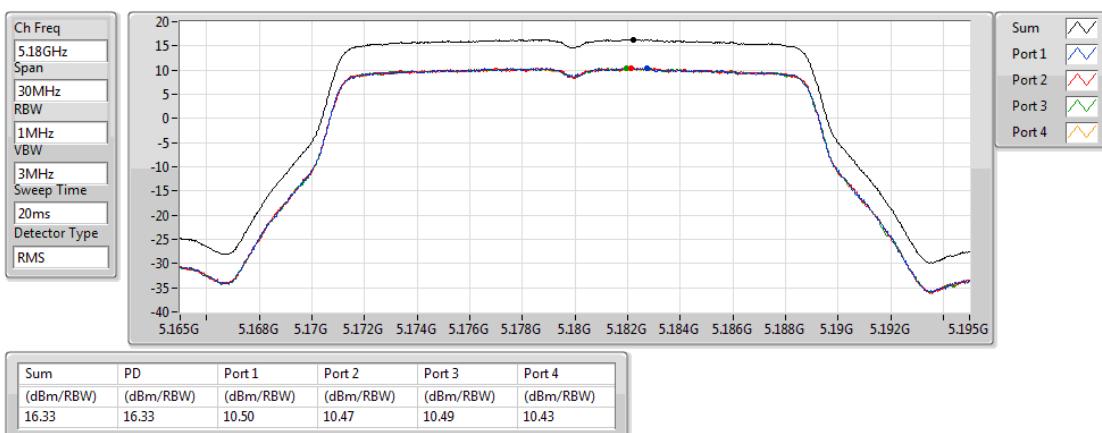
5775MHz



802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

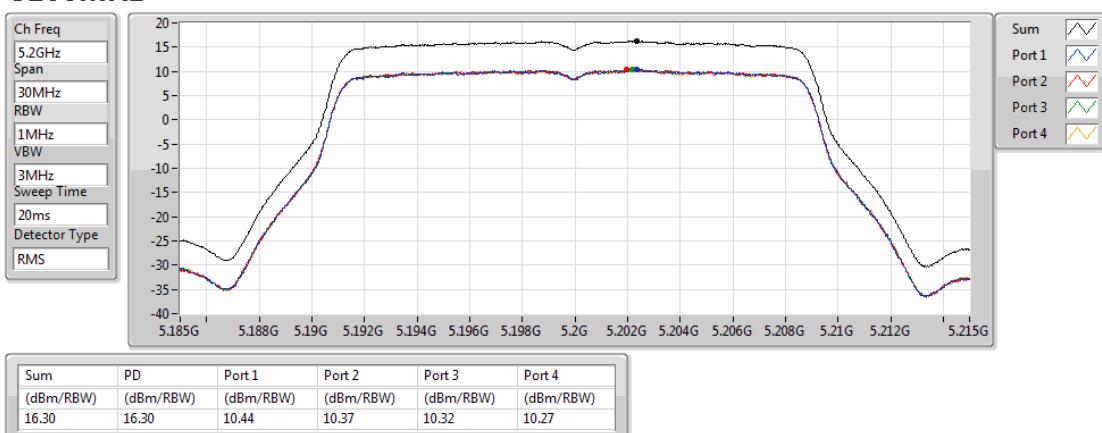
5180MHz



802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz



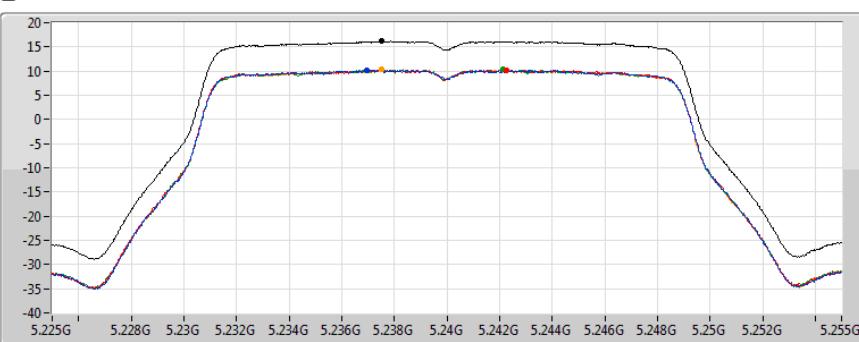


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

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
Port 4

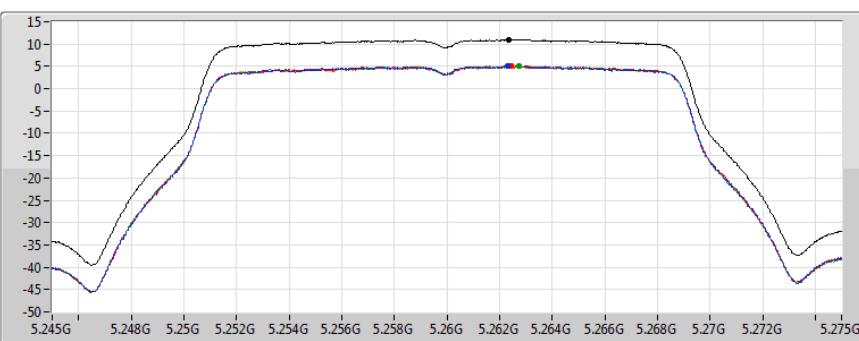
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.23	16.23	10.22	10.21	10.33	10.33

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

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
Port 4

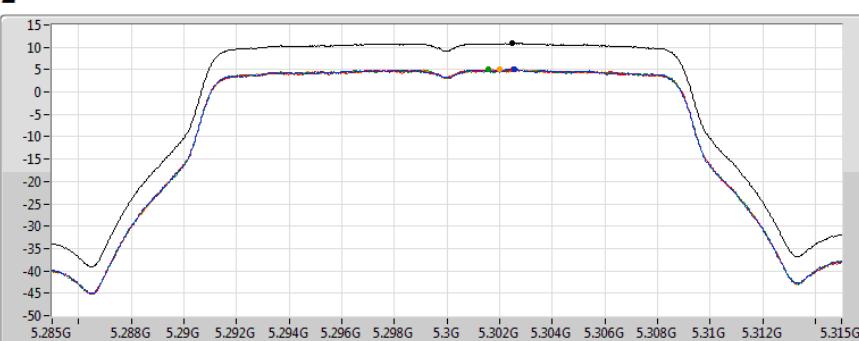
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.97	10.97	5.14	5.10	5.10	5.13

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.97	10.97	5.16	5.08	5.02	5.04

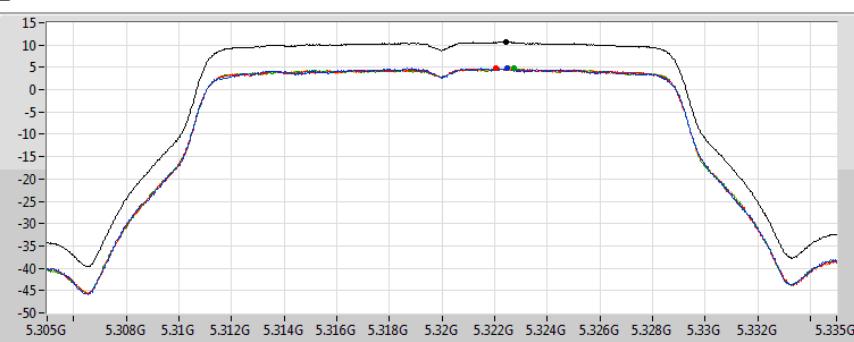


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

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
Port 4

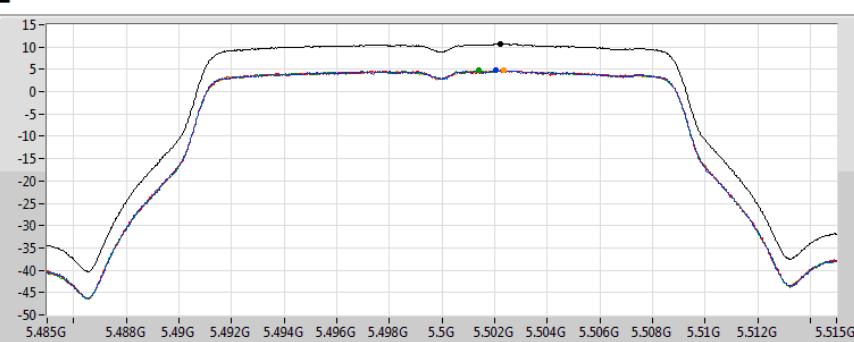
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.70	10.70	4.88	4.76	4.82	4.86

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

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
Port 4

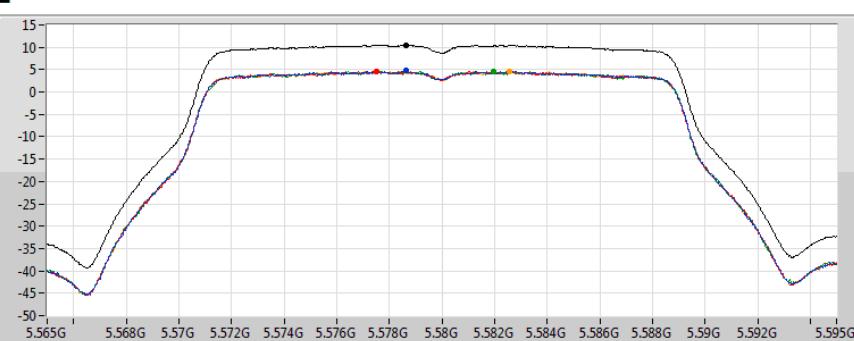
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.68	10.68	4.84	4.78	4.91	4.83

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.48	10.48	4.74	4.58	4.60	4.69

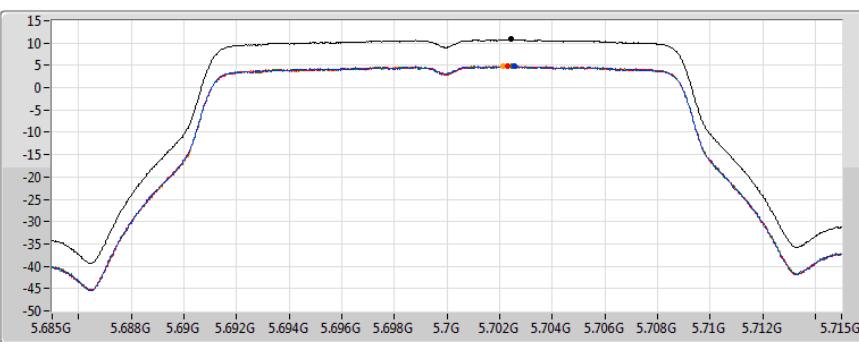


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

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
Port 4

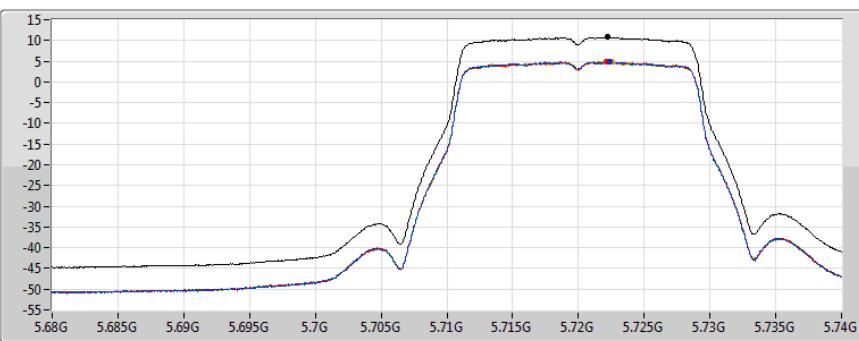
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.82	10.82	4.92	4.95	4.87	4.83

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

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
Port 4

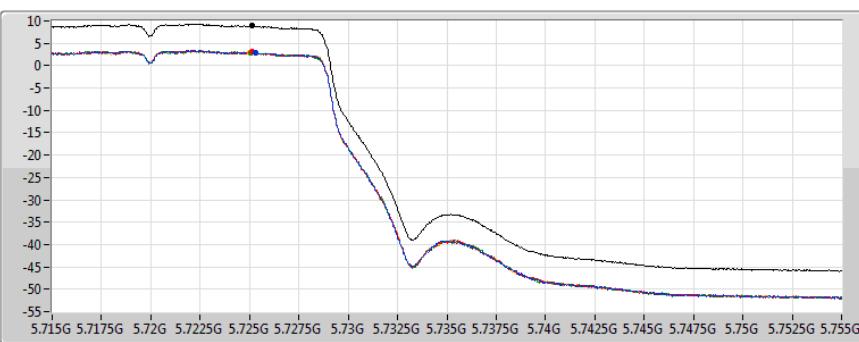
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.82	10.82	4.97	4.86	4.82	4.92

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.87	8.87	2.92	3.04	2.94	2.84

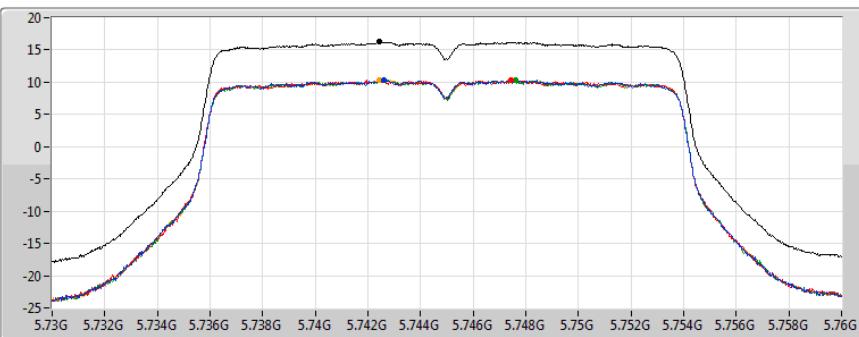


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

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
Port 4

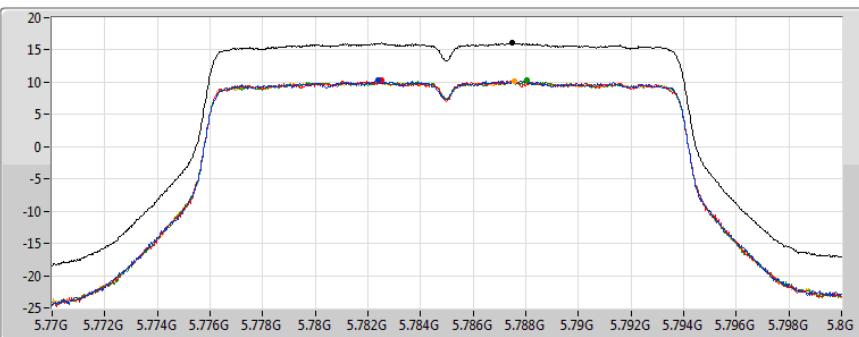
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.26	16.26	10.33	10.40	10.33	10.41

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

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
Port 4

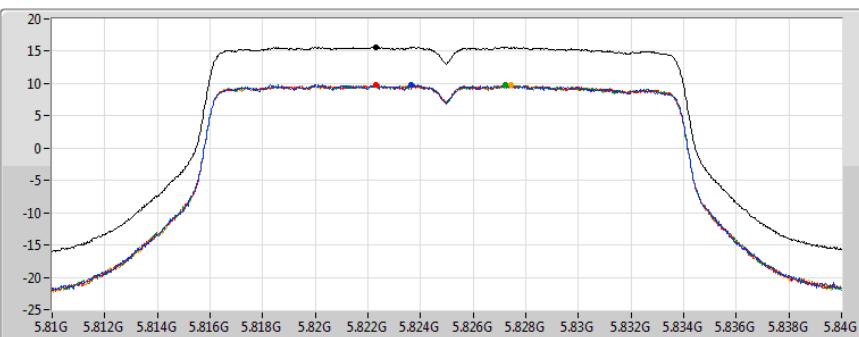
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.07	16.07	10.29	10.26	10.26	10.07

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.65	15.65	9.84	9.86	9.74	9.72

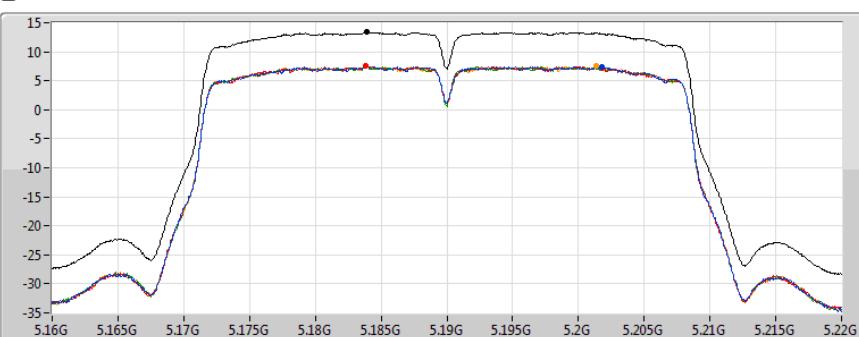


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

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
Port 4

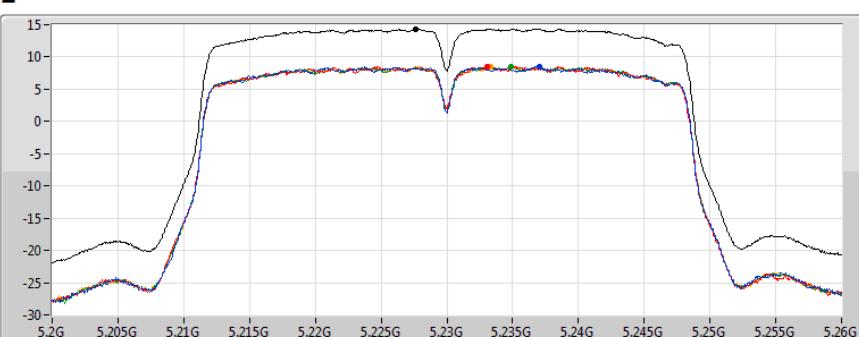
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.41	13.41	7.47	7.52	7.51	7.51

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

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
Port 4

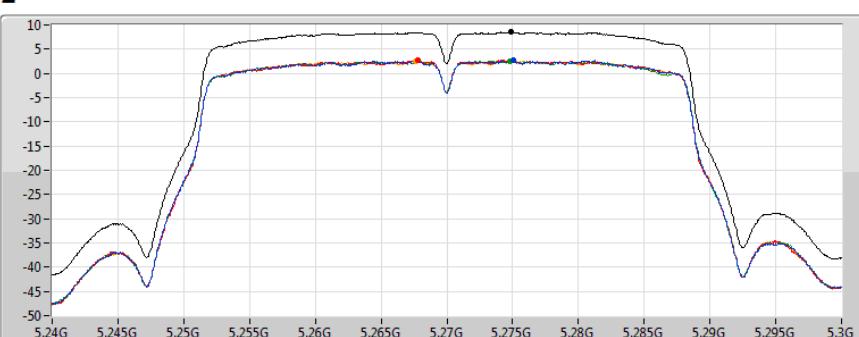
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.37	14.37	8.48	8.52	8.56	8.55

802.11ac VHT40-BF_Nss1,(MCS0)_4TX

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
Port 4

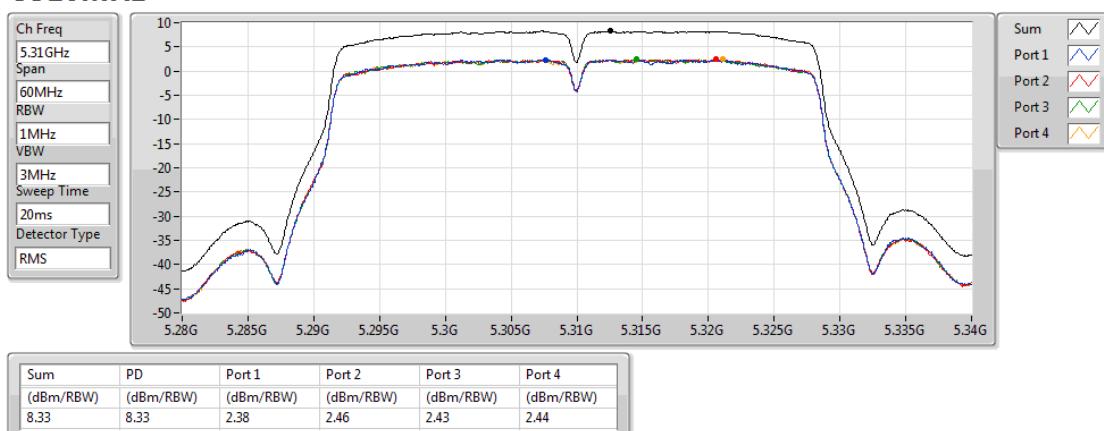
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.51	8.51	2.73	2.66	2.51	2.51



802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

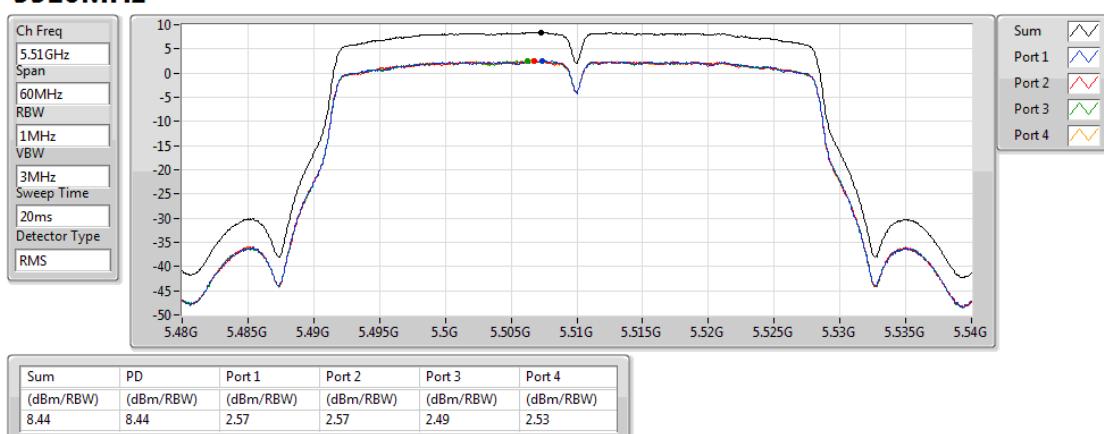
5310MHz



802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

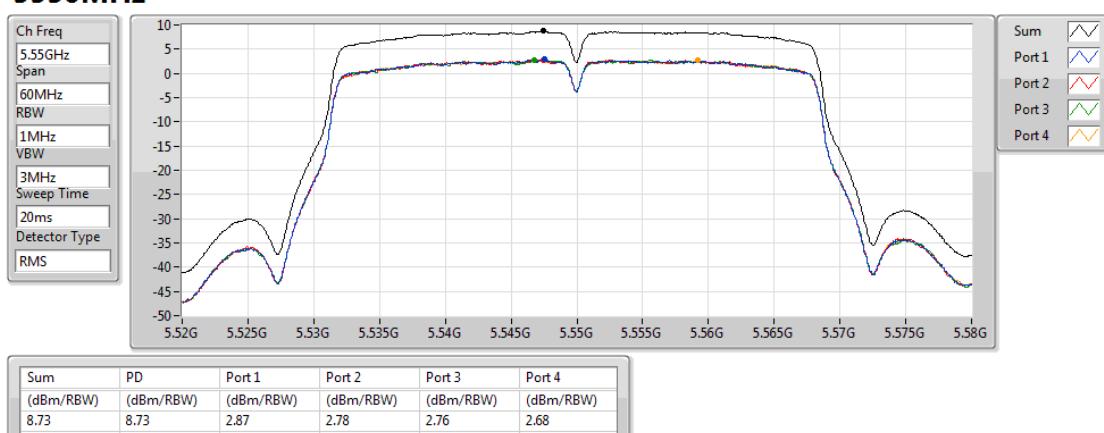
5510MHz



802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

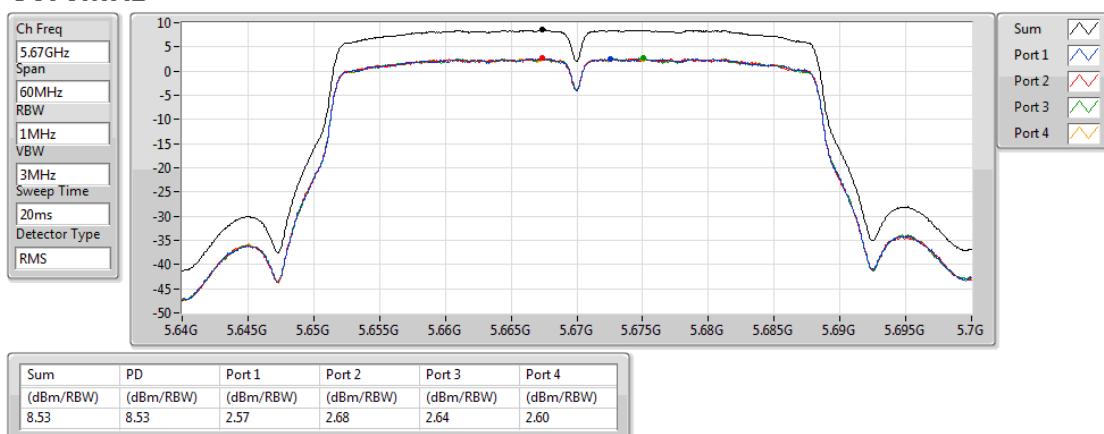




802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

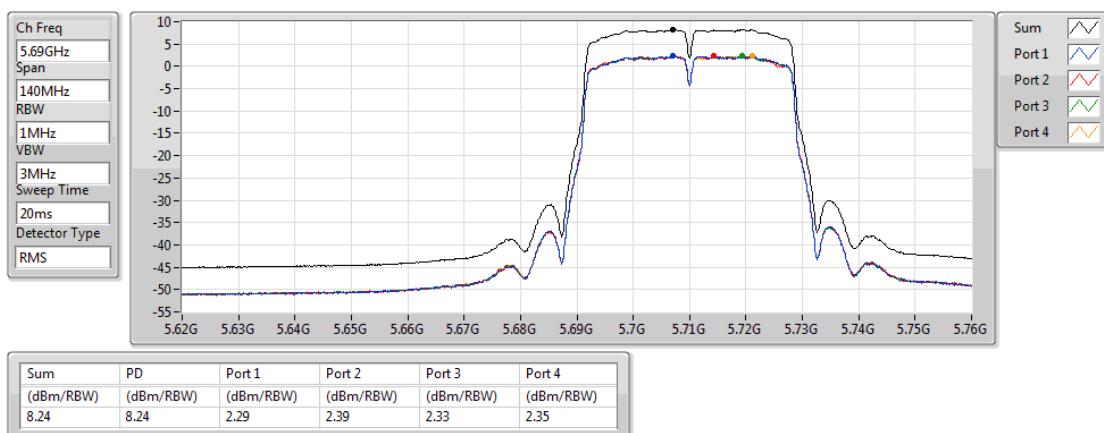
5670MHz



802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

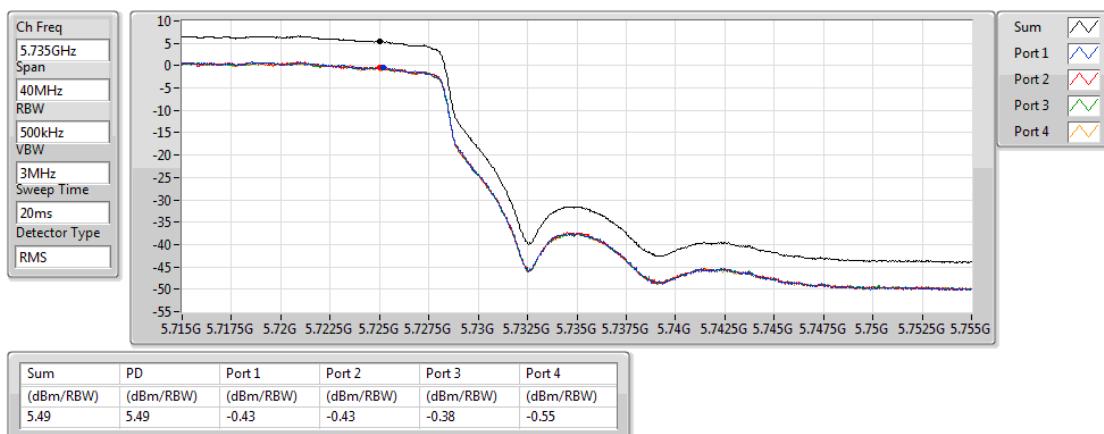
5710MHz Straddle 5.47-5.725GHz



802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

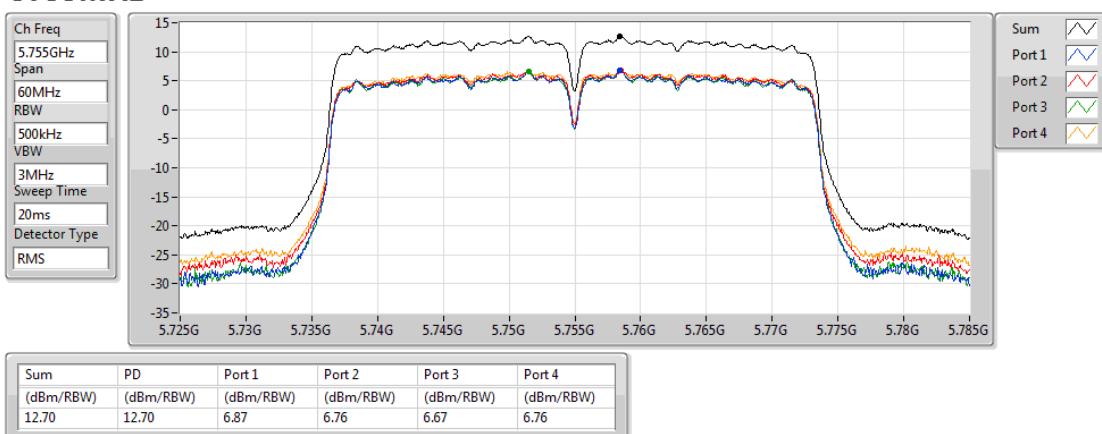




802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

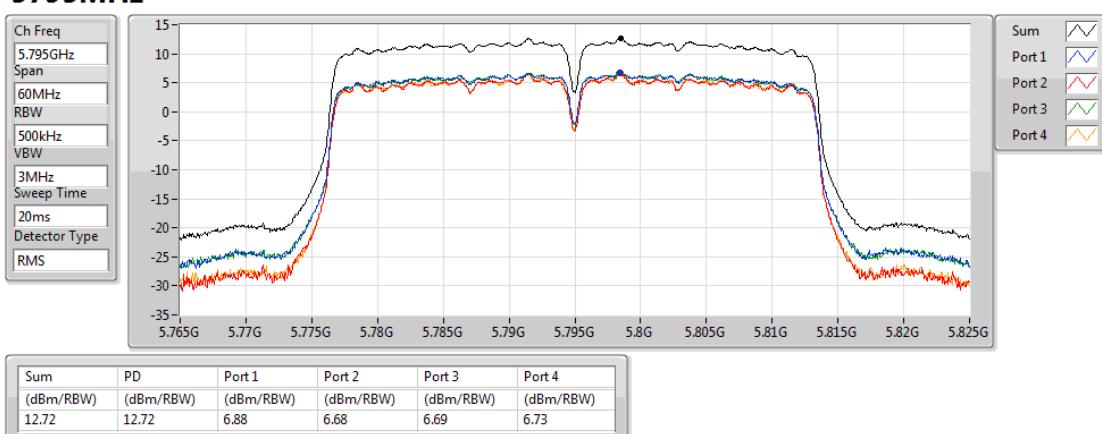
5755MHz



802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

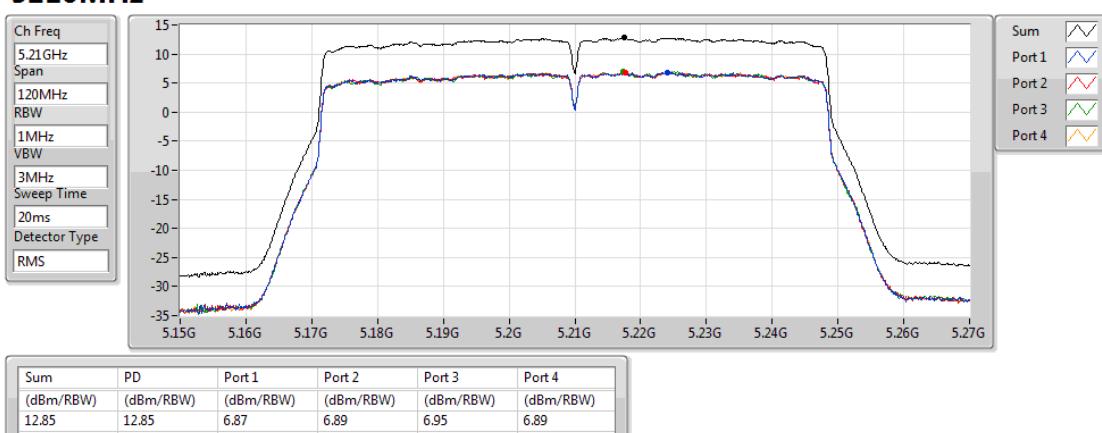
5795MHz



802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz



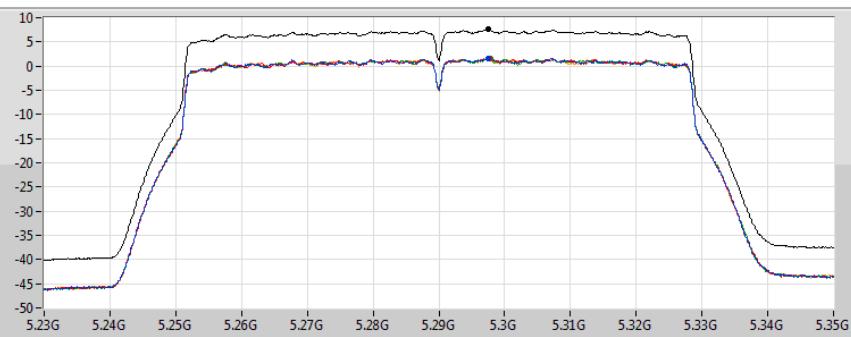


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

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
Port 4

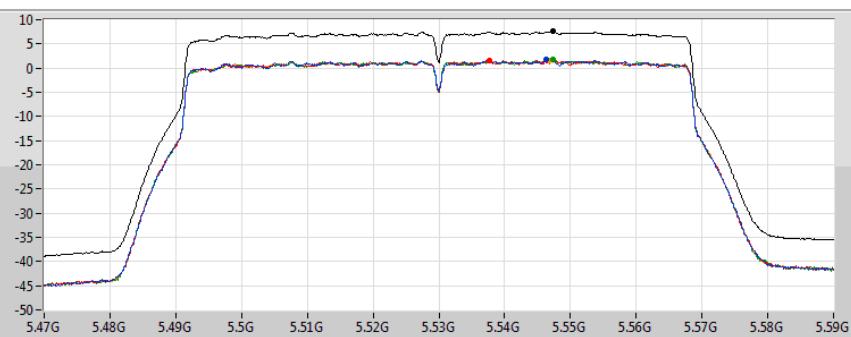
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.56	7.56	1.64	1.64	1.56	1.63

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

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
Port 4

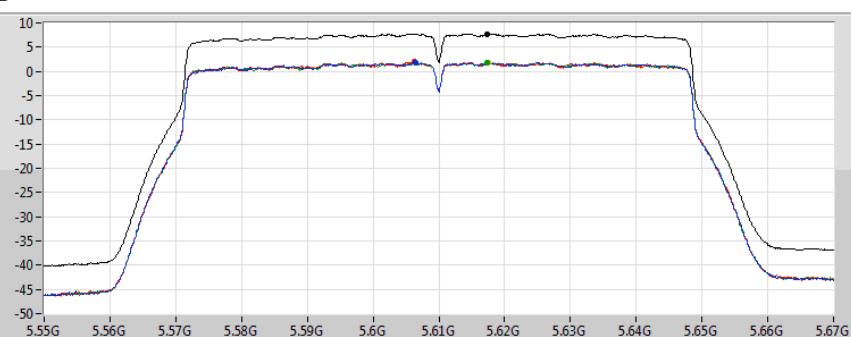
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.57	7.57	1.70	1.53	1.80	1.55

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

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

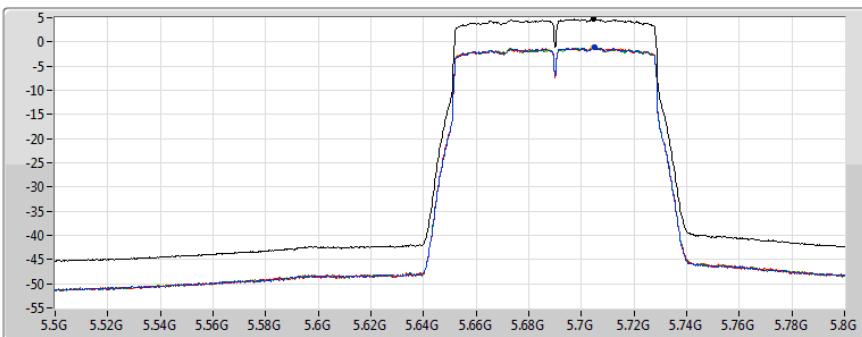


Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.76	7.76	1.84	1.96	1.80	1.89

**802.11ac VHT80-BF_Nss1,(MCS0)_4TX****PSD****5690MHz Straddle 5.47-5.725GHz**

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

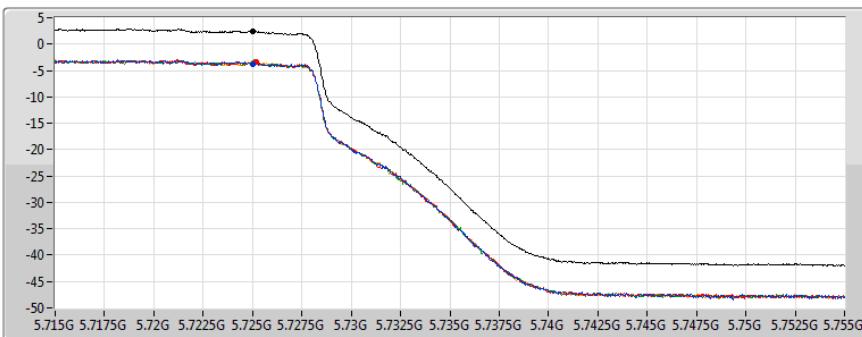


Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.84	4.84	-1.15	-1.16	-1.05	-1.19

802.11ac VHT80-BF_Nss1,(MCS0)_4TX**PSD****5690MHz Straddle 5.725-5.85GHz**

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

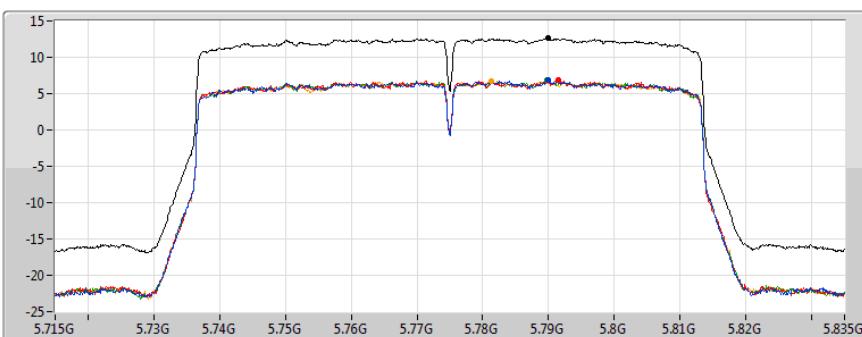


Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.45	2.45	-3.71	-3.38	-3.47	-3.53

802.11ac VHT80-BF_Nss1,(MCS0)_4TX**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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.71	12.71	6.88	6.85	6.83	6.73



For set 6 antenna / 4T2S

Summary

Mode	PD (dBm/RBW)
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	-
5.15-5.25GHz	16.91
5.25-5.35GHz	10.98
5.47-5.725GHz	10.81
5.725-5.85GHz	15.65
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-
5.15-5.25GHz	14.42
5.25-5.35GHz	8.10
5.47-5.725GHz	7.95
5.725-5.85GHz	12.19
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	-
5.15-5.25GHz	9.92
5.25-5.35GHz	4.66
5.47-5.725GHz	4.47
5.725-5.85GHz	9.24

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)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	1.25	10.91	10.93	10.97	10.91	16.78	17.00
5200MHz	Pass	1.25	10.92	10.99	11.12	11.17	16.91	17.00
5240MHz	Pass	1.25	11.05	11.05	11.19	11.04	16.87	17.00
5260MHz	Pass	1.10	5.10	5.22	5.22	5.20	10.98	11.00
5300MHz	Pass	1.10	4.97	4.81	4.94	4.80	10.76	11.00
5320MHz	Pass	1.10	4.56	4.64	4.61	4.72	10.53	11.00
5500MHz	Pass	0.96	4.63	3.68	4.53	4.35	10.01	11.00
5580MHz	Pass	0.96	4.72	4.79	4.79	4.80	10.59	11.00
5700MHz	Pass	0.96	4.08	4.33	4.27	4.24	9.91	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	0.96	4.82	4.92	4.84	4.95	10.81	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.40	2.72	2.68	2.87	2.39	8.54	30.00
5745MHz	Pass	2.40	9.55	9.42	9.54	9.54	15.27	30.00
5785MHz	Pass	2.40	9.59	9.48	9.46	9.45	15.33	30.00
5825MHz	Pass	2.40	9.84	9.86	9.74	9.72	15.65	30.00
802.11ac VHT40-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	1.25	7.06	6.90	7.05	7.12	12.91	17.00
5230MHz	Pass	1.25	8.52	8.60	8.74	8.63	14.42	17.00
5270MHz	Pass	1.10	2.40	2.36	2.20	2.38	8.10	11.00
5310MHz	Pass	1.10	2.07	1.99	2.07	2.10	7.81	11.00
5510MHz	Pass	0.96	1.39	1.55	1.59	1.56	7.27	11.00
5550MHz	Pass	0.96	2.25	2.15	2.01	1.98	7.95	11.00
5670MHz	Pass	0.96	1.93	1.79	2.04	1.98	7.69	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	0.96	2.12	1.95	2.00	2.18	7.94	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.40	-0.80	-0.70	-1.11	-1.06	5.02	30.00
5755MHz	Pass	2.40	6.55	6.39	6.53	6.02	12.19	30.00
5795MHz	Pass	2.40	6.08	5.91	6.02	4.80	11.60	30.00
802.11ac VHT80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	1.25	4.10	4.06	4.02	4.00	9.92	17.00
5290MHz	Pass	1.10	-1.19	-0.90	-1.34	-1.20	4.66	11.00
5530MHz	Pass	0.96	-1.60	-1.54	-1.58	-1.41	4.37	11.00
5610MHz	Pass	0.96	-1.39	-1.24	-1.41	-1.07	4.47	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	0.96	-1.58	-1.71	-1.61	-1.59	4.16	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.40	-4.02	-3.96	-4.22	-3.61	2.01	30.00
5775MHz	Pass	2.40	3.37	3.40	3.64	3.68	9.24	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;

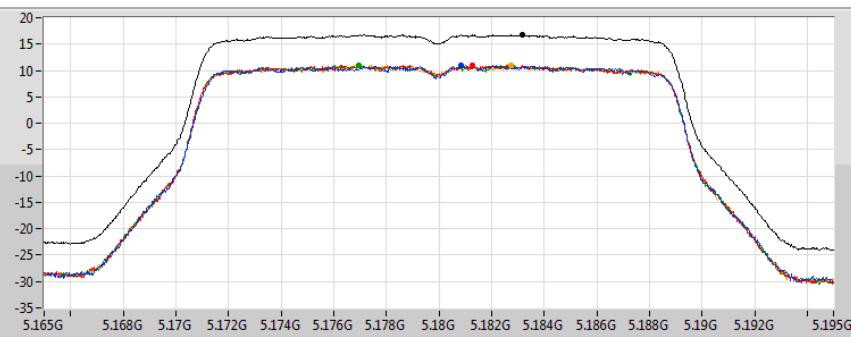


802.11ac VHT20-BF_Nss2,(MCS0)_4TX

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
Port 4

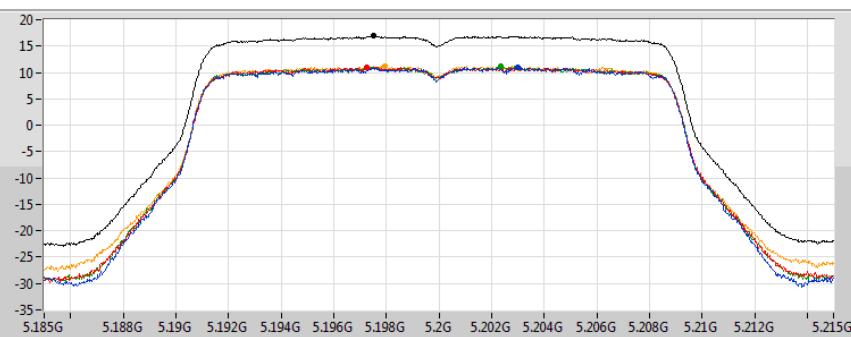
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.78	16.78	10.91	10.93	10.97	10.91

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

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
Port 4

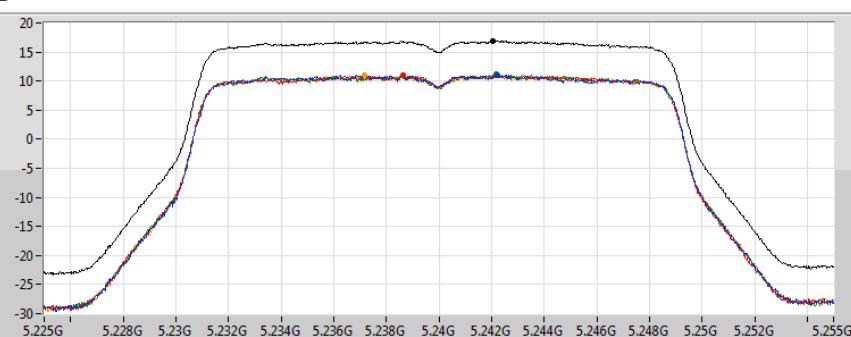
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.91	16.91	10.92	10.99	11.12	11.17

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.87	16.87	11.05	11.05	11.19	11.04

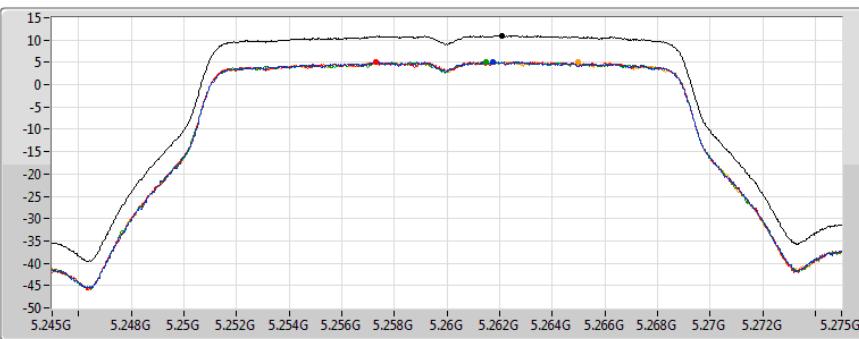


802.11ac VHT20-BF_Nss2,(MCS0)_4TX

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
Port 4

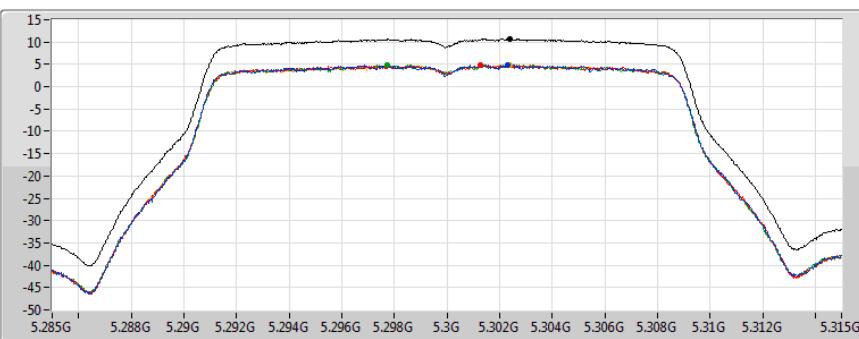
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.98	10.98	5.10	5.22	5.22	5.20

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

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
Port 4

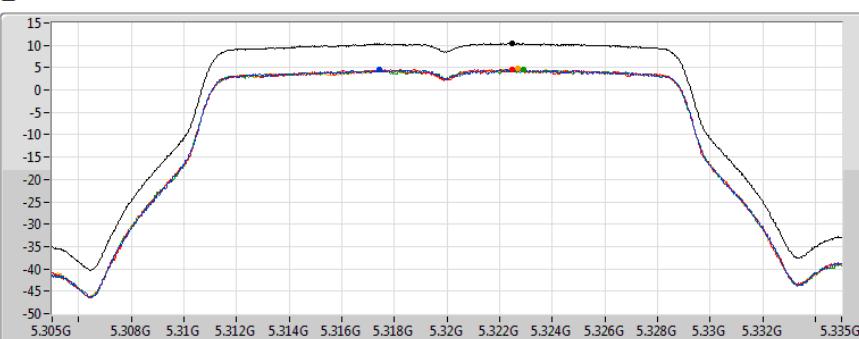
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.76	10.76	4.97	4.81	4.94	4.80

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.53	10.53	4.56	4.64	4.61	4.72

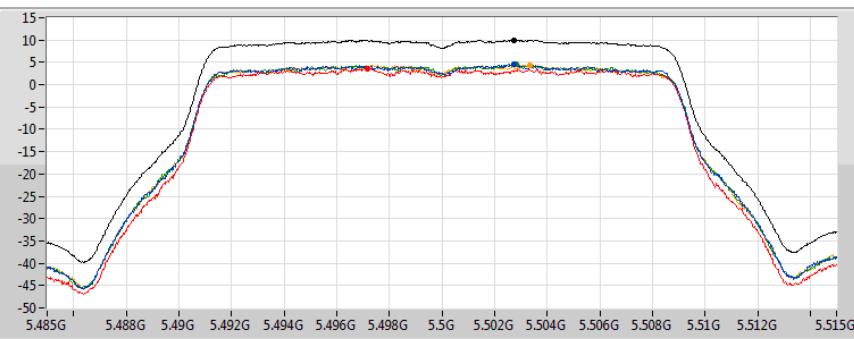


802.11ac VHT20-BF_Nss2,(MCS0)_4TX

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
Port 4

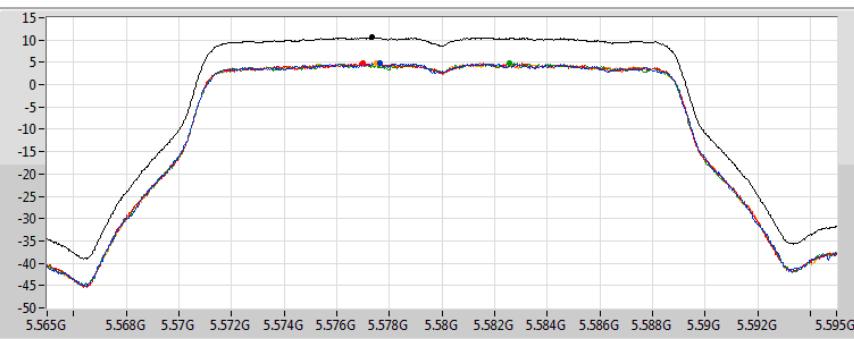
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.01	10.01	4.63	3.68	4.53	4.35

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

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
Port 4

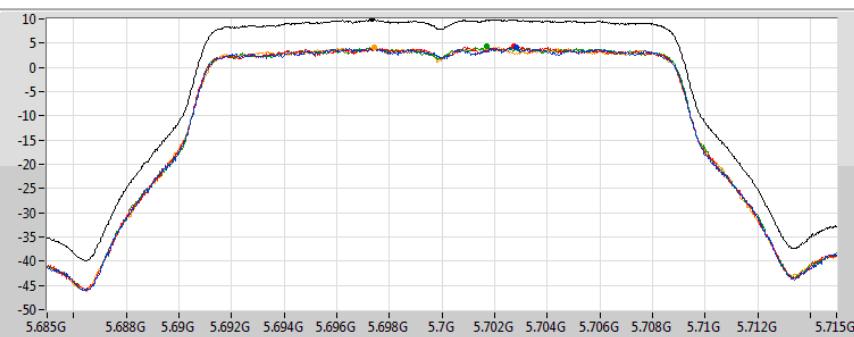
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.59	10.59	4.72	4.79	4.79	4.80

802.11ac VHT20-BF_Nss2,(MCS0)_4TX

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
Port 4

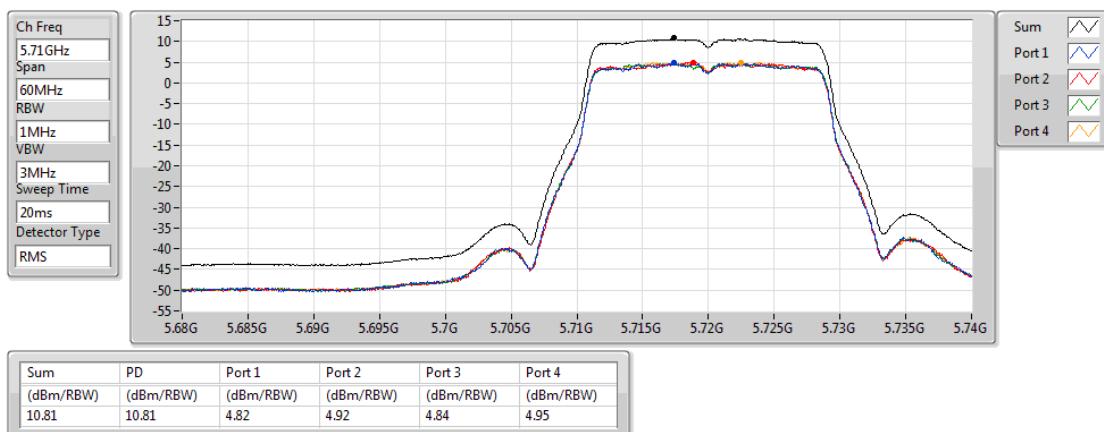
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.91	9.91	4.08	4.33	4.27	4.24



802.11ac VHT20-BF_Nss2,(MCS0)_4TX

PSD

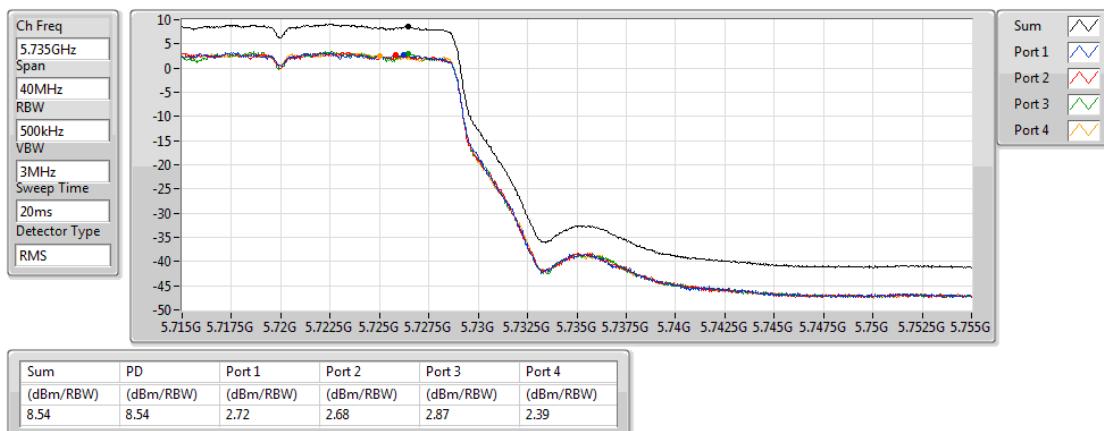
5720MHz Straddle 5.47-5.725GHz



802.11ac VHT20-BF_Nss2,(MCS0)_4TX

PSD

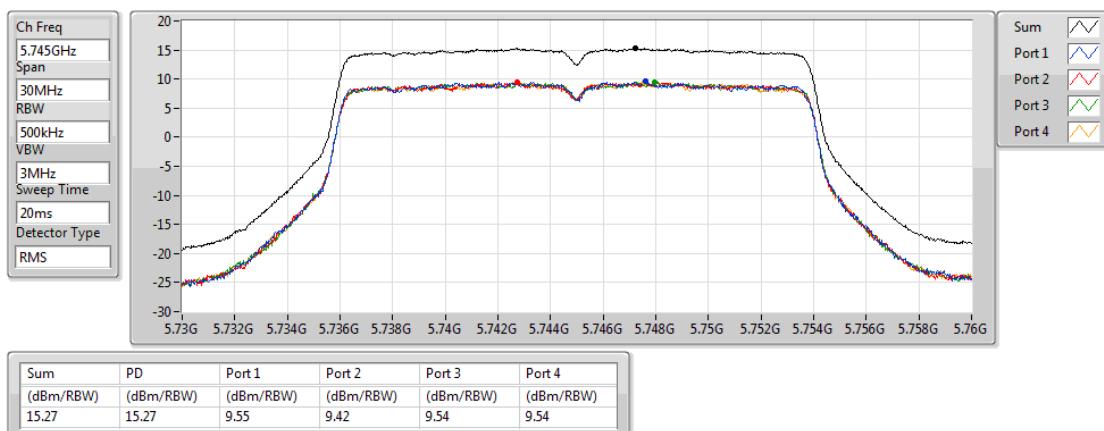
5720MHz Straddle 5.725-5.85GHz



802.11ac VHT20-BF_Nss2,(MCS0)_4TX

PSD

5745MHz

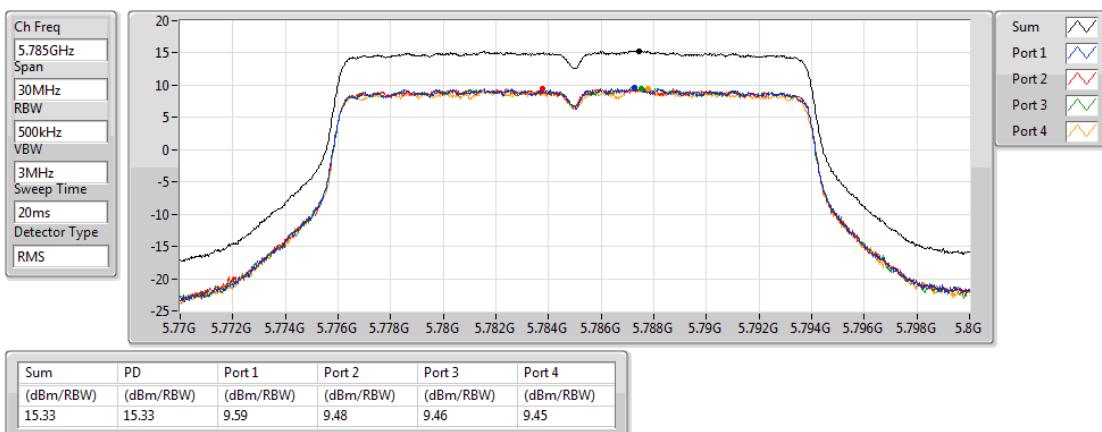




802.11ac VHT20-BF_Nss2,(MCS0)_4TX

PSD

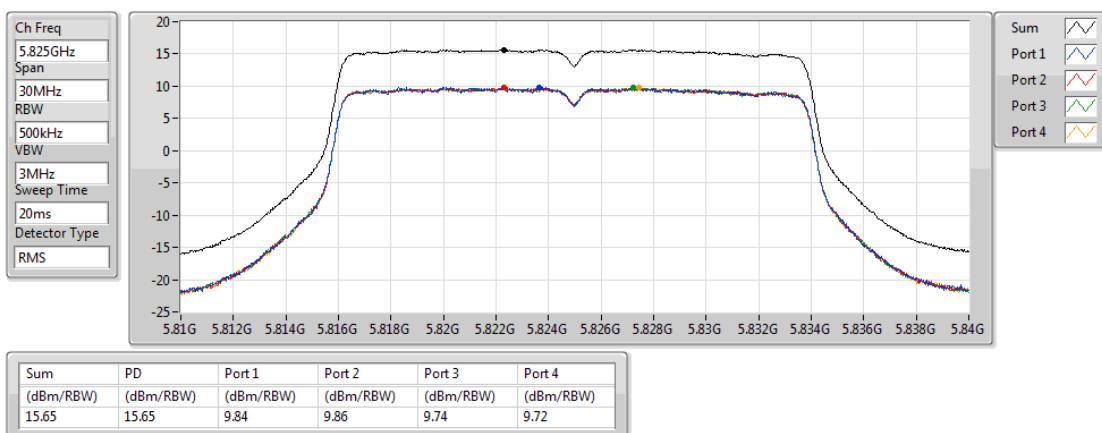
5785MHz



802.11ac VHT20-BF_Nss2,(MCS0)_4TX

PSD

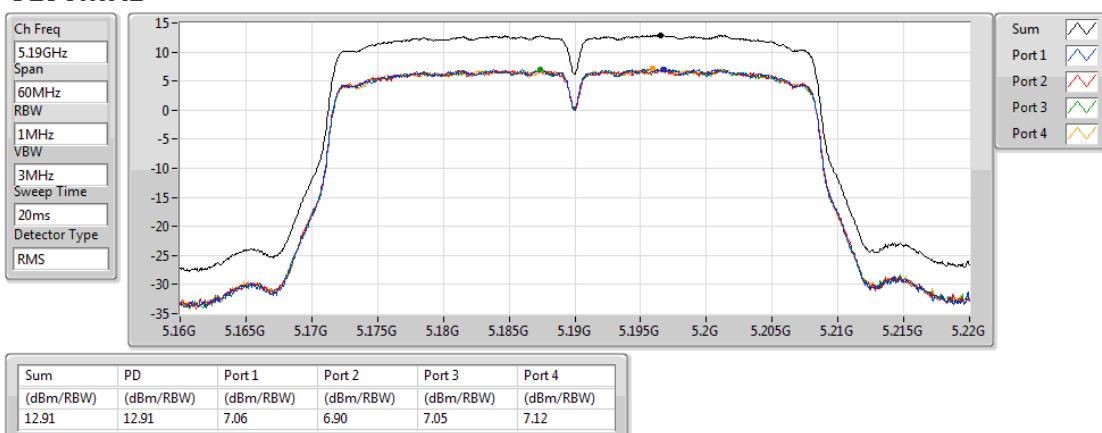
5825MHz



802.11ac VHT40-BF_Nss2,(MCS0)_4TX

PSD

5190MHz



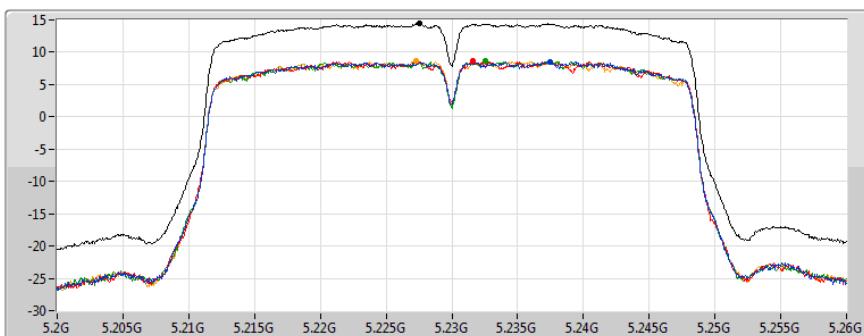


802.11ac VHT40-BF_Nss2,(MCS0)_4TX

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
Port 4

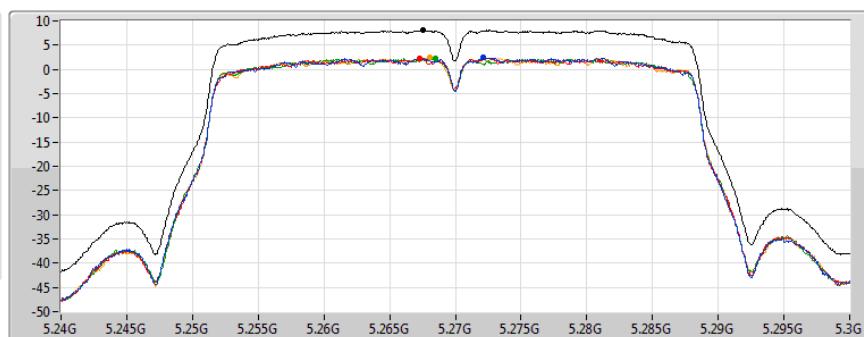
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.42	14.42	8.52	8.60	8.74	8.63

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

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
Port 4

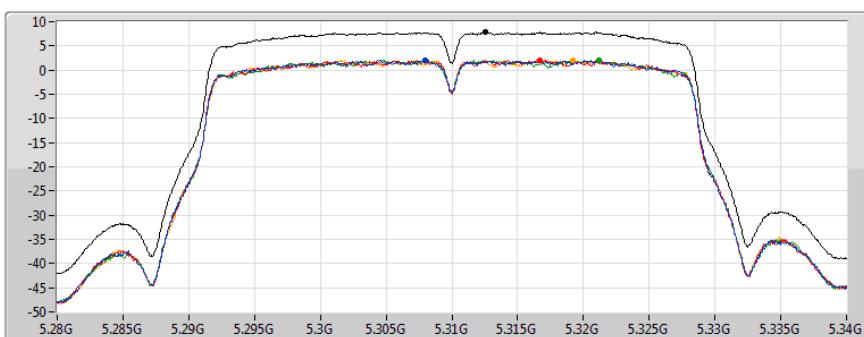
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.10	8.10	2.40	2.36	2.20	2.38

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.81	7.81	2.07	1.99	2.07	2.10

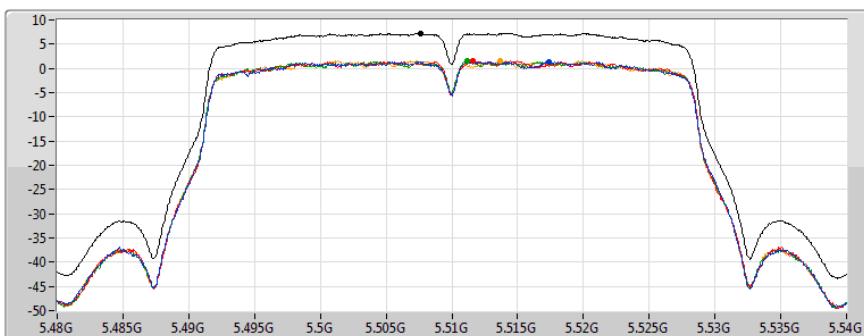


802.11ac VHT40-BF_Nss2,(MCS0)_4TX

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
Port 4

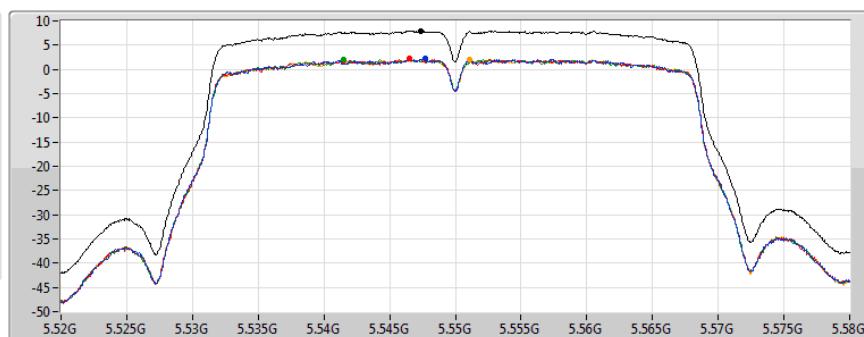
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.27	7.27	1.39	1.55	1.59	1.56

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

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
Port 4

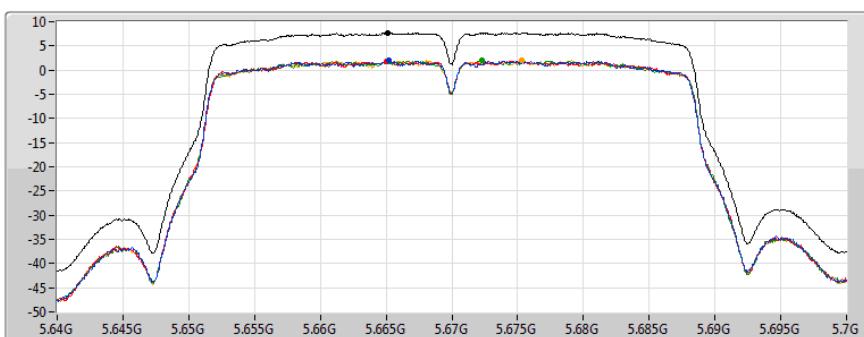
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.95	7.95	2.25	2.15	2.01	1.98

802.11ac VHT40-BF_Nss2,(MCS0)_4TX

PSD

5670MHz

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

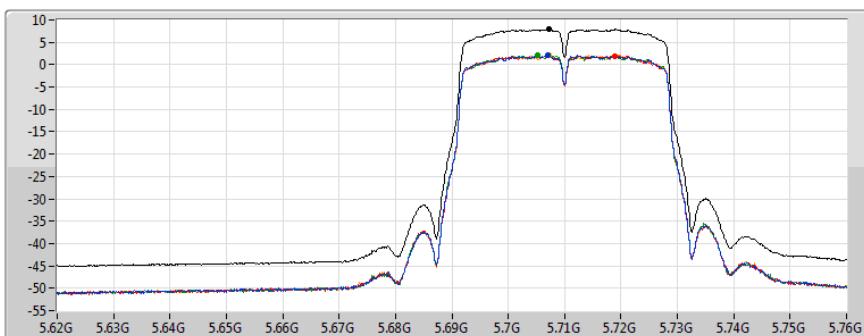


Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.69	7.69	1.93	1.79	2.04	1.98

**802.11ac VHT40-BF_Nss2,(MCS0)_4TX****PSD****5710MHz Straddle 5.47-5.725GHz**

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

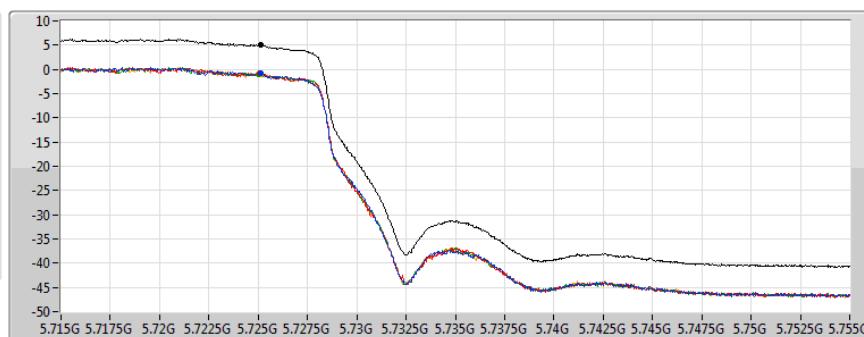


Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.94	7.94	2.12	1.95	2.00	2.18

802.11ac VHT40-BF_Nss2,(MCS0)_4TX**PSD****5710MHz 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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.02	5.02	-0.80	-0.70	-1.11	-1.06

802.11ac VHT40-BF_Nss2,(MCS0)_4TX**PSD****5755MHz**

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



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.19	12.19	6.55	6.39	6.53	6.02

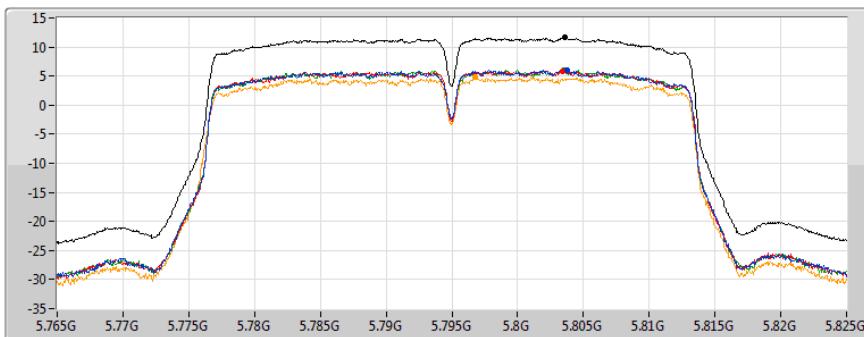


802.11ac VHT40-BF_Nss2,(MCS0)_4TX

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
Port 4

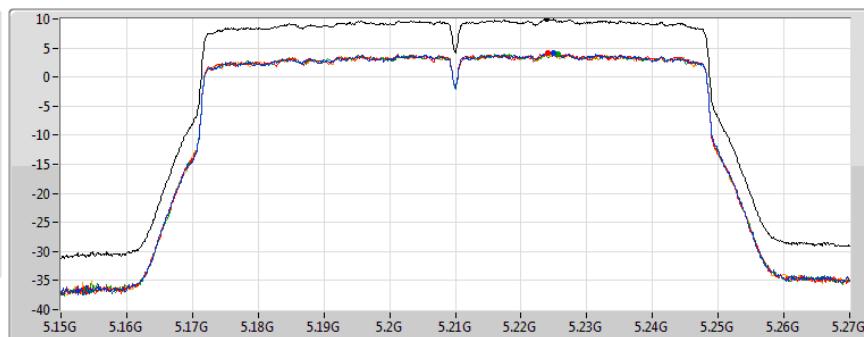
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.60	11.60	6.08	5.91	6.02	4.80

802.11ac VHT80-BF_Nss2,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.92	9.92	4.10	4.06	4.02	4.00

802.11ac VHT80-BF_Nss2,(MCS0)_4TX

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
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.66	4.66	-1.19	-0.90	-1.34	-1.20

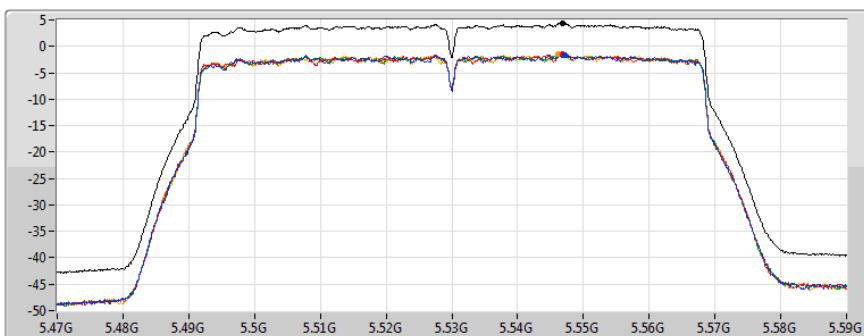


802.11ac VHT80-BF_Nss2,(MCS0)_4TX

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
Port 4

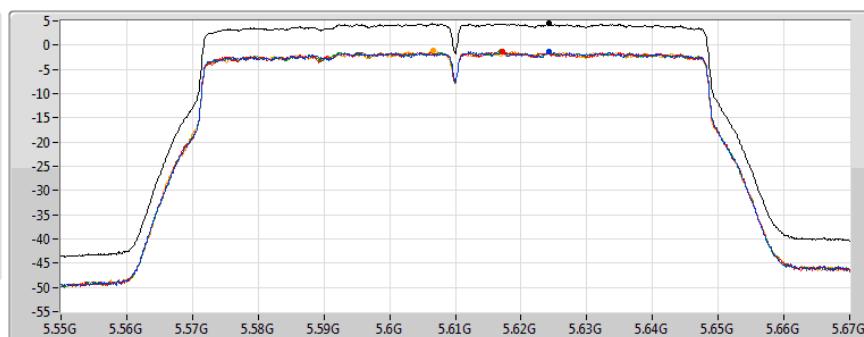
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.37	4.37	-1.60	-1.54	-1.58	-1.41

802.11ac VHT80-BF_Nss2,(MCS0)_4TX

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
Port 4

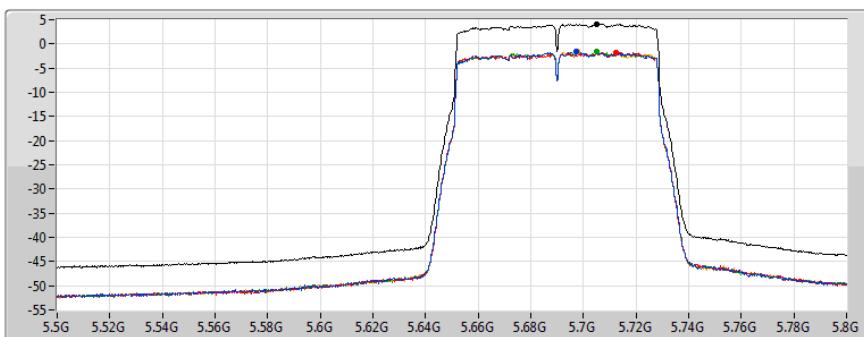
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.47	4.47	-1.39	-1.24	-1.41	-1.07

802.11ac VHT80-BF_Nss2,(MCS0)_4TX

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
Port 4

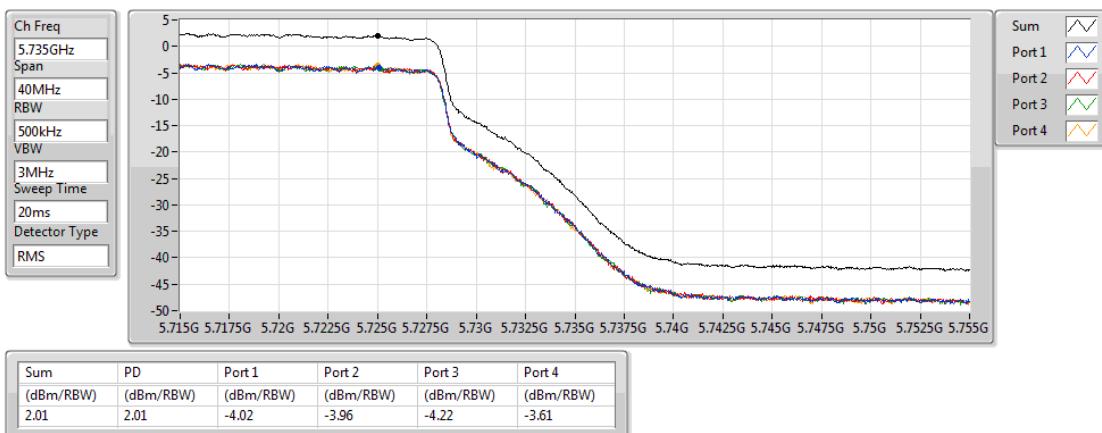
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.16	4.16	-1.58	-1.71	-1.61	-1.59



802.11ac VHT80-BF_Nss2,(MCS0)_4TX

PSD

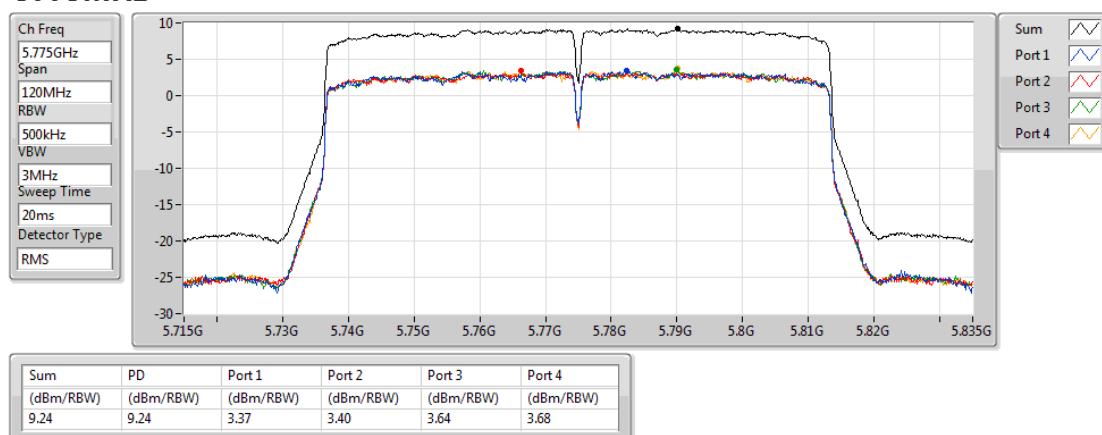
5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80-BF_Nss2,(MCS0)_4TX

PSD

5775MHz





**For Radio 3
For set 2 antenna
Summary**

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_1TX	-
5.15-5.25GHz	10.02
5.25-5.35GHz	10.16
5.47-5.725GHz	9.15
5.725-5.85GHz	7.73
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	10.16
5.25-5.35GHz	10.55
5.47-5.725GHz	9.38
5.725-5.85GHz	7.84
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	3.74
5.25-5.35GHz	5.81
5.47-5.725GHz	6.27
5.725-5.85GHz	4.63
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	-5.49
5.25-5.35GHz	-8.10
5.47-5.725GHz	4.21
5.725-5.85GHz	0.22

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	6.37	7.34	7.34	16.63
5200MHz	Pass	6.37	10.02	10.02	16.63
5240MHz	Pass	6.37	6.57	6.57	16.63
5260MHz	Pass	6.37	10.16	10.16	10.63
5300MHz	Pass	6.37	9.21	9.21	10.63
5320MHz	Pass	6.37	6.54	6.54	10.63
5500MHz	Pass	6.37	6.14	6.14	10.63
5580MHz	Pass	6.37	8.97	8.97	10.63
5700MHz	Pass	6.37	3.91	3.91	10.63
5720MHz Straddle 5.47-5.725GHz	Pass	6.37	9.15	9.15	10.63
5720MHz Straddle 5.725-5.85GHz	Pass	6.37	7.47	7.47	29.63
5745MHz	Pass	6.37	7.68	7.68	29.63
5785MHz	Pass	6.37	7.73	7.73	29.63
5825MHz	Pass	6.37	7.51	7.51	29.63
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	6.37	7.32	7.32	16.63
5200MHz	Pass	6.37	10.16	10.16	16.63
5240MHz	Pass	6.37	6.55	6.55	16.63
5260MHz	Pass	6.37	10.55	10.55	10.63
5300MHz	Pass	6.37	9.33	9.33	10.63
5320MHz	Pass	6.37	6.71	6.71	10.63
5500MHz	Pass	6.37	6.08	6.08	10.63
5580MHz	Pass	6.37	9.15	9.15	10.63
5700MHz	Pass	6.37	3.88	3.88	10.63
5720MHz Straddle 5.47-5.725GHz	Pass	6.37	9.38	9.38	10.63
5720MHz Straddle 5.725-5.85GHz	Pass	6.37	7.58	7.58	29.63
5745MHz	Pass	6.37	7.84	7.84	29.63
5785MHz	Pass	6.37	7.71	7.71	29.63
5825MHz	Pass	6.37	7.68	7.68	29.63
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	6.37	-1.63	-1.63	16.63
5230MHz	Pass	6.37	3.74	3.74	16.63
5270MHz	Pass	6.37	5.81	5.81	10.63
5310MHz	Pass	6.37	-2.09	-2.09	10.63
5510MHz	Pass	6.37	-0.99	-0.99	10.63
5550MHz	Pass	6.37	5.14	5.14	10.63
5670MHz	Pass	6.37	2.97	2.97	10.63
5710MHz Straddle 5.47-5.725GHz	Pass	6.37	6.27	6.27	10.63
5710MHz Straddle 5.725-5.85GHz	Pass	6.37	3.58	3.58	29.63
5755MHz	Pass	6.37	3.53	3.53	29.63
5795MHz	Pass	6.37	4.63	4.63	29.63
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	6.37	-5.49	-5.49	16.63



FCC Test Report

Report No. : FR760624AB

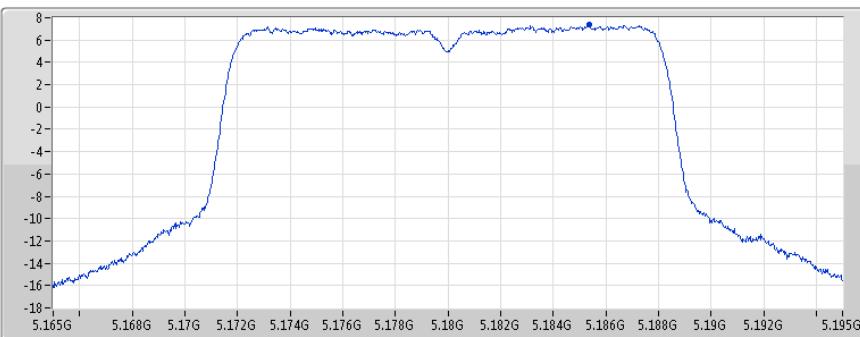
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5290MHz	Pass	6.37	-8.10	-8.10	10.63
5530MHz	Pass	6.37	-6.31	-6.31	10.63
5610MHz	Pass	6.37	1.15	1.15	10.63
5690MHz Straddle 5.47-5.725GHz	Pass	6.37	4.21	4.21	10.63
5690MHz Straddle 5.725-5.85GHz	Pass	6.37	-0.27	-0.27	29.63
5775MHz	Pass	6.37	0.22	0.22	29.63

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**

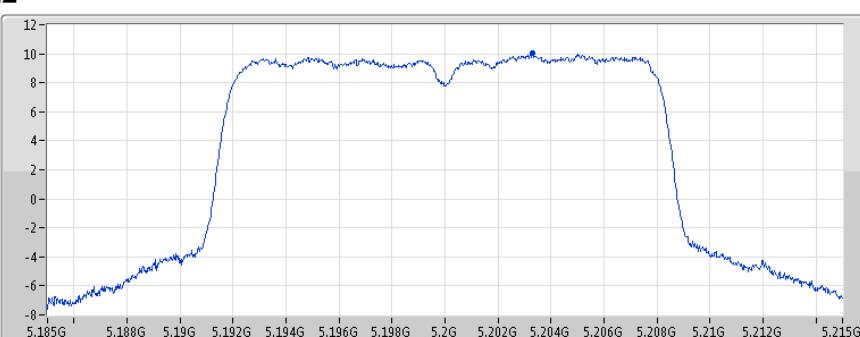
Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

802.11a_(6Mbps)_1TX**PSD****5200MHz**

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



Port 1

802.11a_(6Mbps)_1TX**PSD****5240MHz**

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



Port 1

SPORTON INTERNATIONAL INC.

TEL : 886-3-3273456

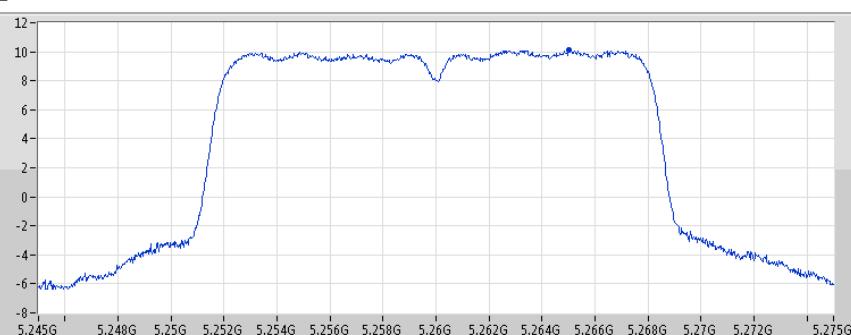
FAX : 886-3-3270973

FCC ID: UDX-60064010

Page No. : 863 of 3439
Report Version : Rev. 02
Issued Date : Oct. 25, 2017

**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)
10.16	10.16	10.16

802.11a_(6Mbps)_1TX**PSD****5300MHz**

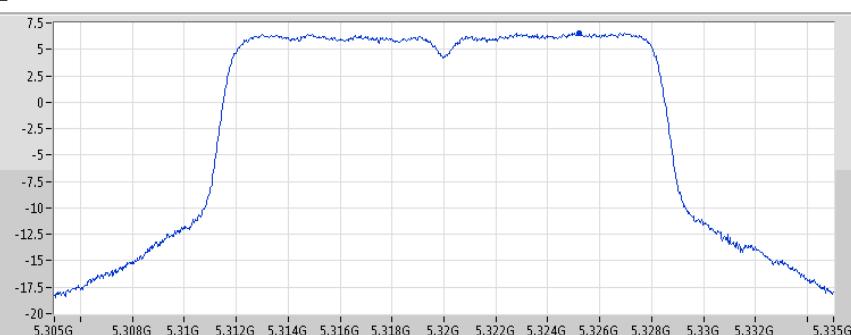
Ch Freq	5.3GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.21	9.21	9.21

802.11a_(6Mbps)_1TX**PSD****5320MHz**

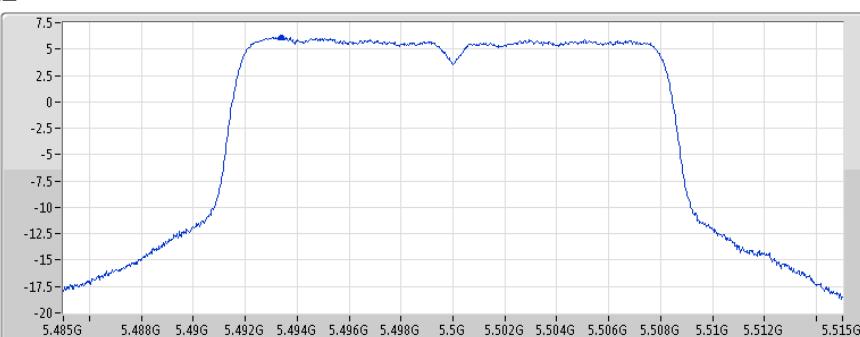
Ch Freq	5.32GHz
Span	30MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



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

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

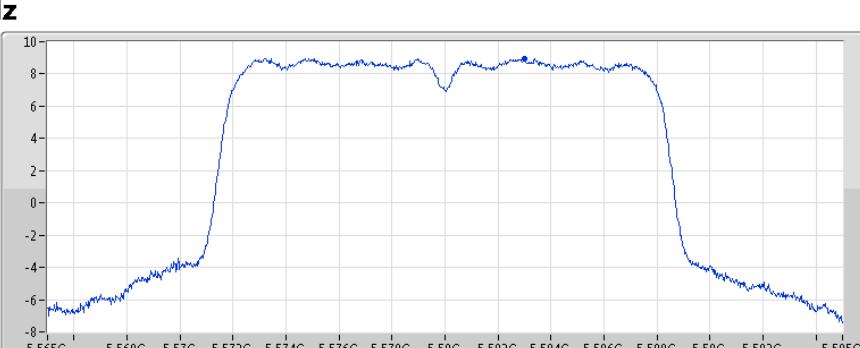
Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

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

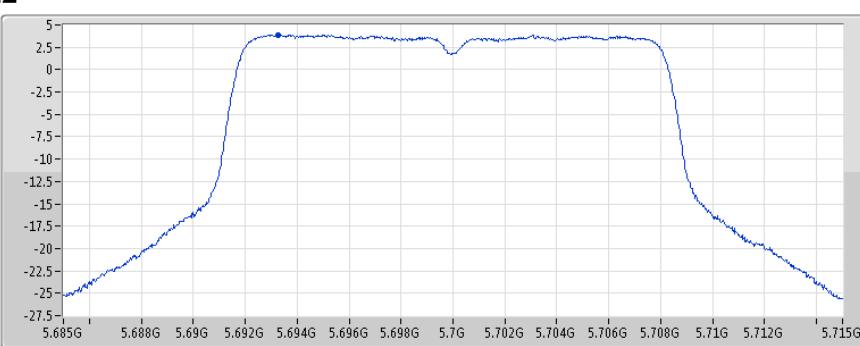
Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

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

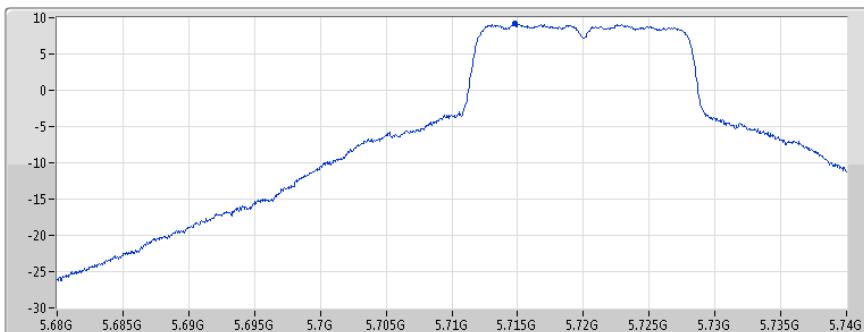
Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

**802.11a_(6Mbps)_1TX****PSD****5720MHz Straddle 5.47-5.725GHz**

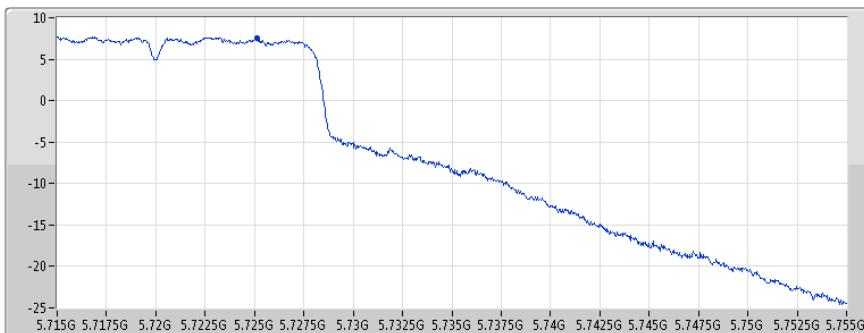
Ch Freq	5.71GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.15	9.15	9.15

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



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.47	7.47	7.47

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)
7.68	7.68	7.68

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

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)
7.73	7.73	7.73

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

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

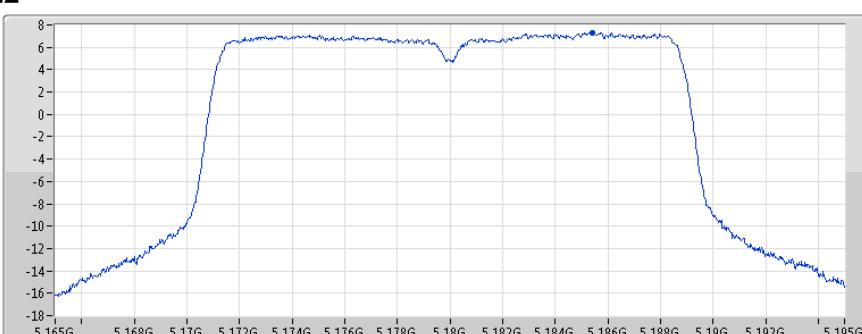


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.51	7.51	7.51

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

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

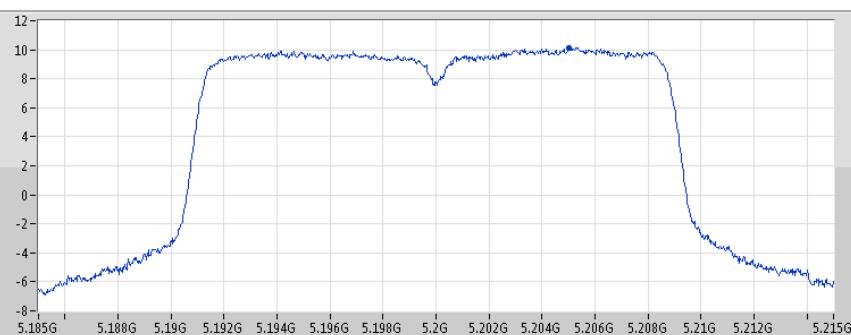


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.32	7.32	7.32

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5200MHz**

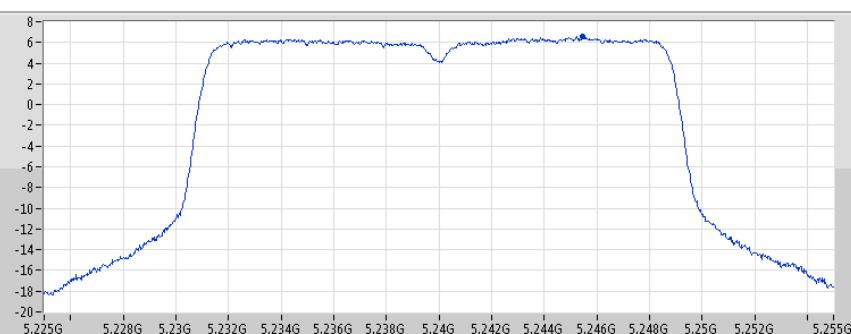
Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.16	10.16	10.16

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5240MHz**

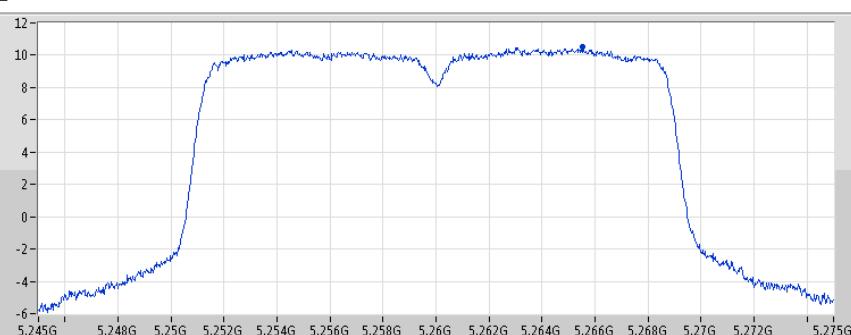
Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.55	6.55	6.55

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)
10.55	10.55	10.55

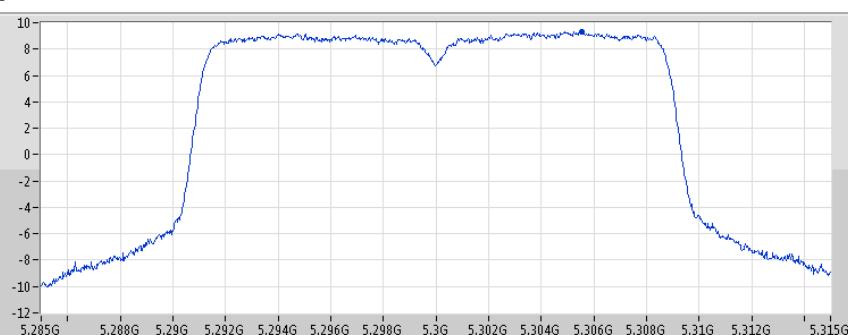


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

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



Port 1

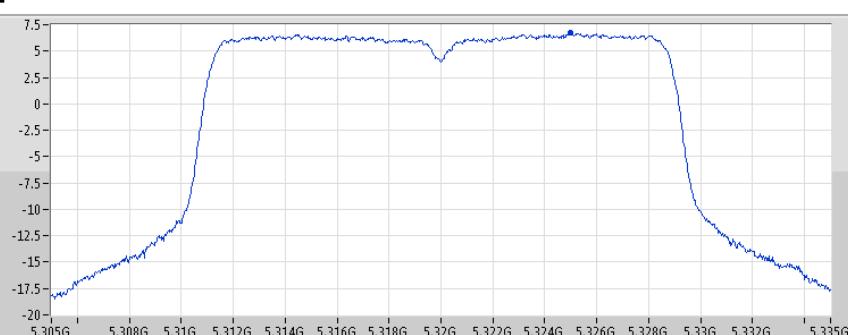
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.33	9.33	9.33

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

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



Port 1

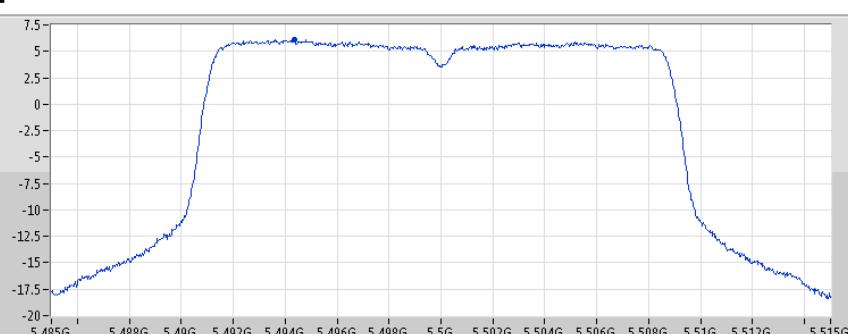
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71	6.71

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

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

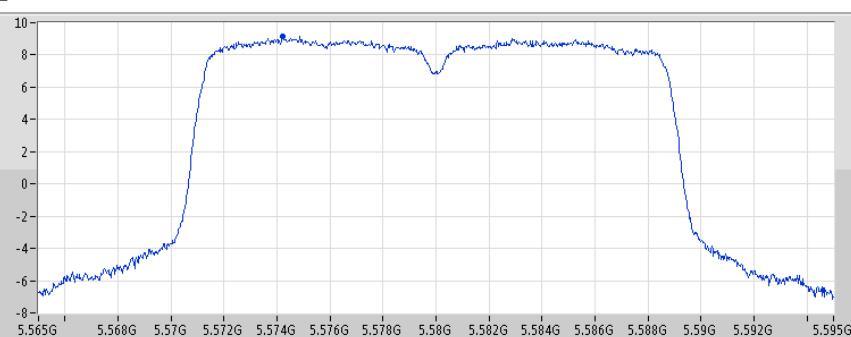


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.08	6.08	6.08

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5580MHz**

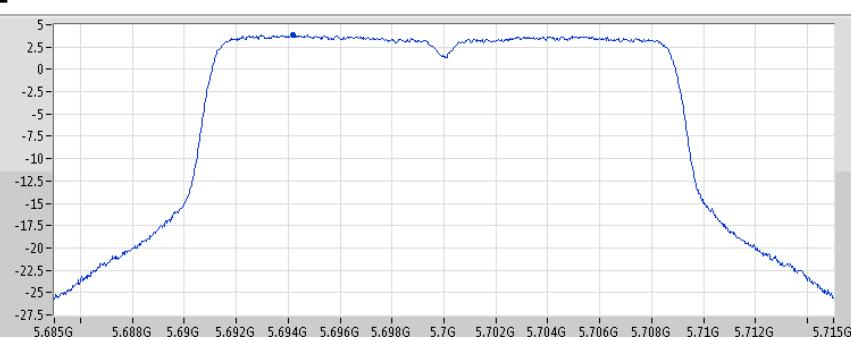
Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.15	9.15	9.15

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5700MHz**

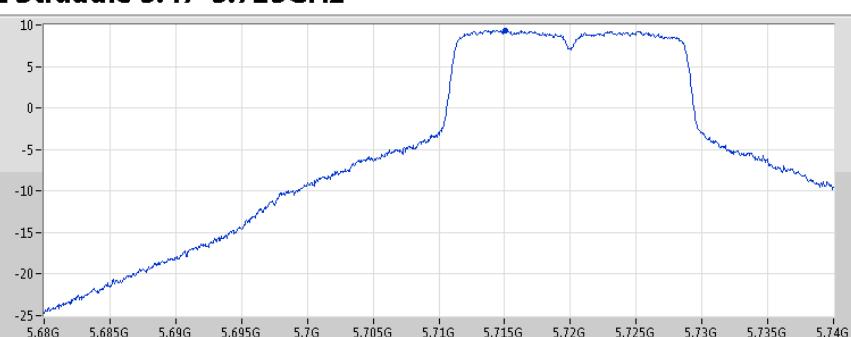
Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.88	3.88	3.88

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5720MHz Straddle 5.47-5.725GHz**

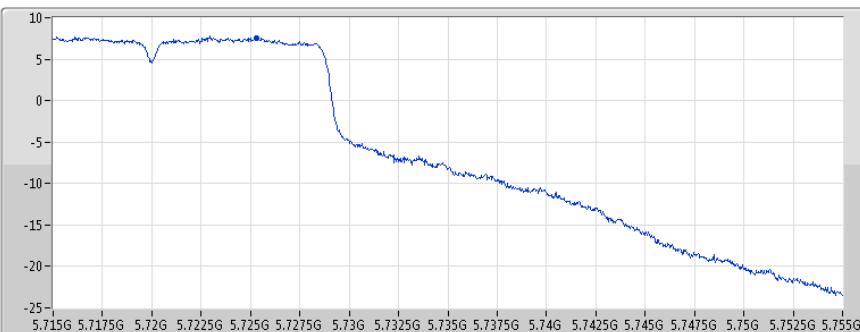
Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.38	9.38	9.38

**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
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.58	7.58	7.58

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

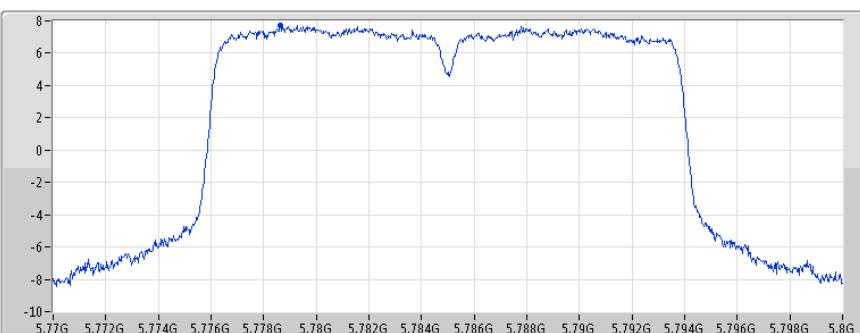
Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.84	7.84	7.84

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

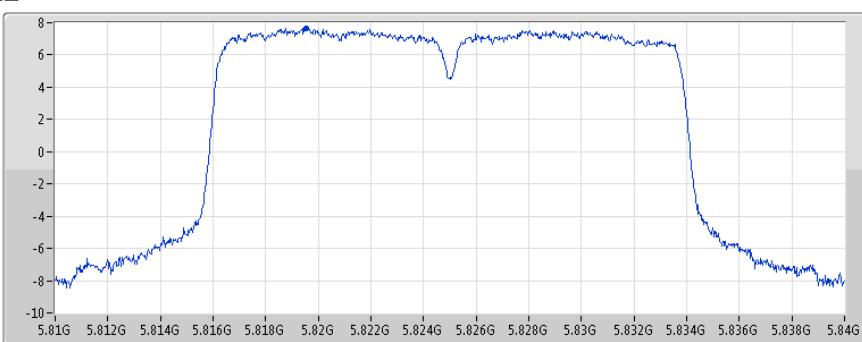
Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.71	7.71	7.71

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5825MHz**

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.68	7.68	7.68

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5190MHz**

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

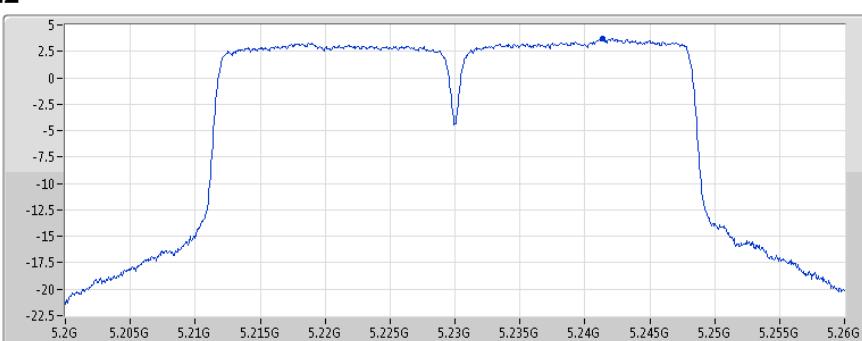


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.63	-1.63	-1.63

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5230MHz**

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.74	3.74	3.74

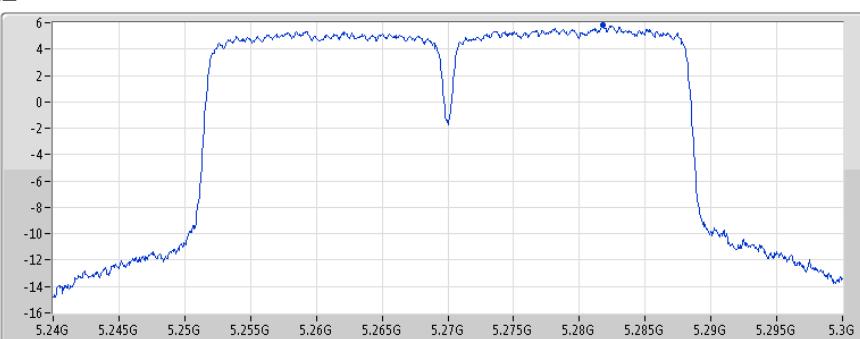


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

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



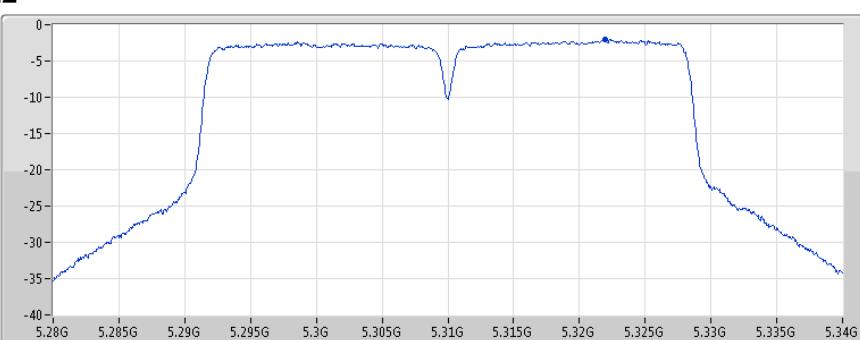
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.81	5.81	5.81

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

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



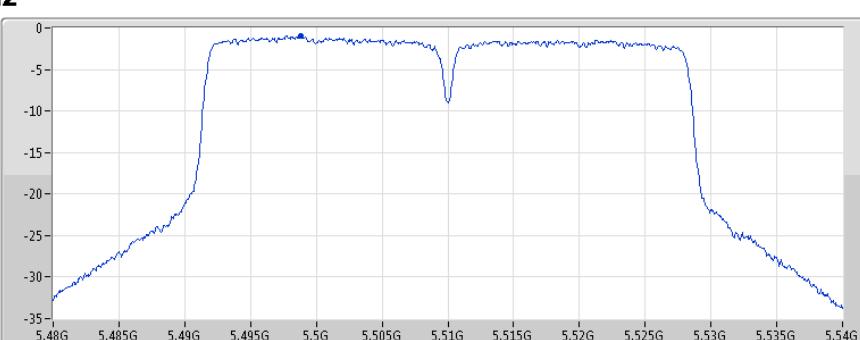
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.09	-2.09	-2.09

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

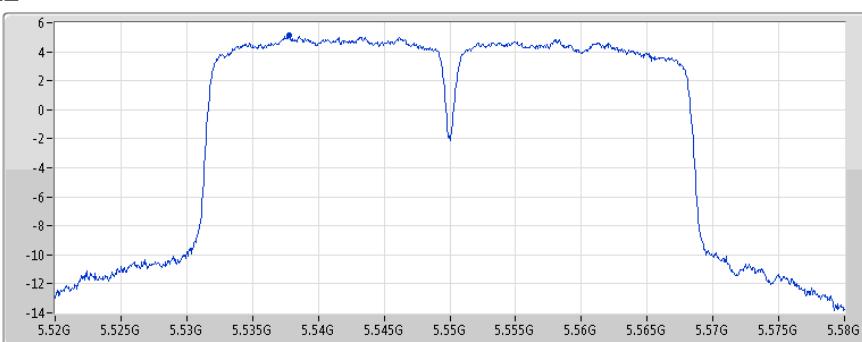
Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.99	-0.99	-0.99

**802.11ac VHT40_Nss1,(MCS0)_1TX****PSD****5550MHz**

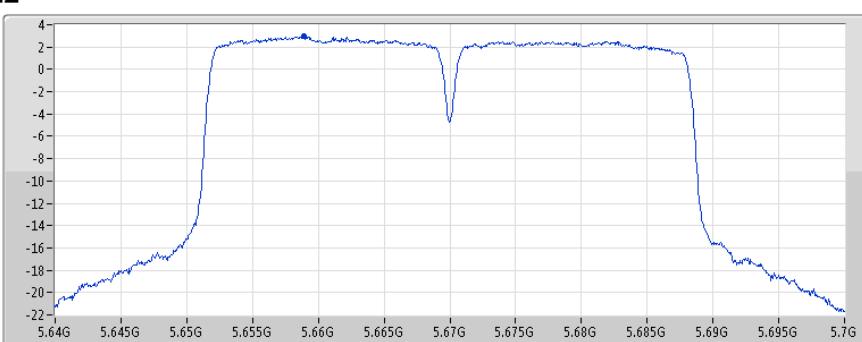
Ch Freq
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.14	5.14	5.14

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5670MHz**

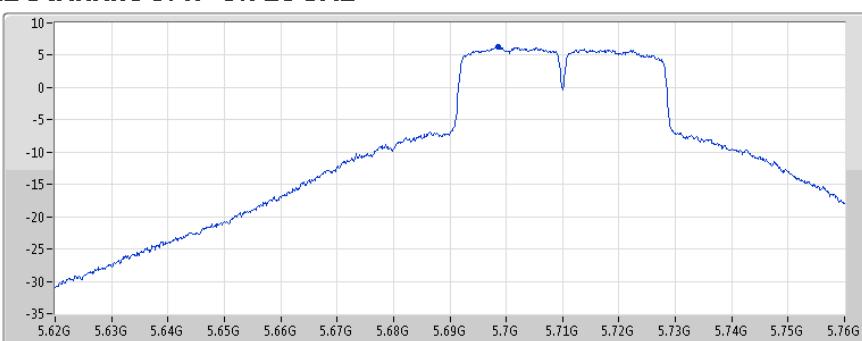
Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.97	2.97	2.97

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5710MHz Straddle 5.47-5.725GHz**

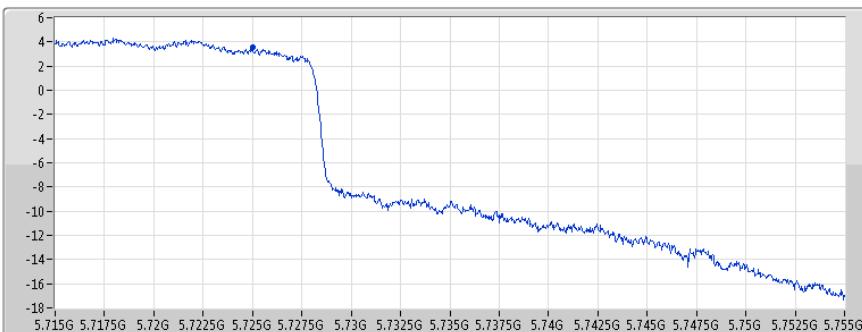
Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.27	6.27	6.27

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

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.58	3.58	3.58

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

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.53	3.53	3.53

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

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.63	4.63	4.63



802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

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



Port 1

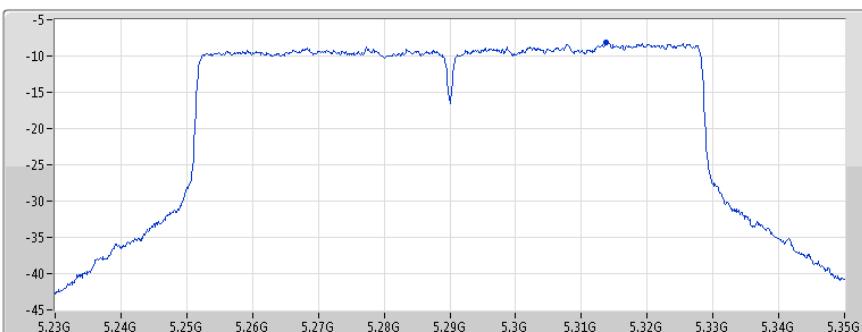
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.49	-5.49	-5.49

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.10	-8.10	-8.10

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

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

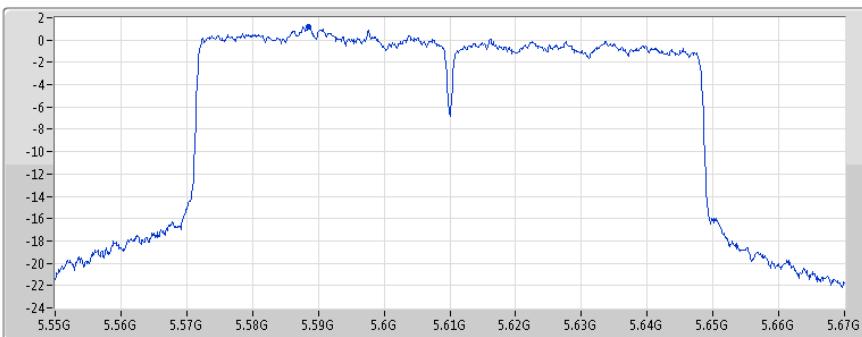


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.31	-6.31	-6.31

**802.11ac VHT80_Nss1,(MCS0)_1TX****PSD****5610MHz**

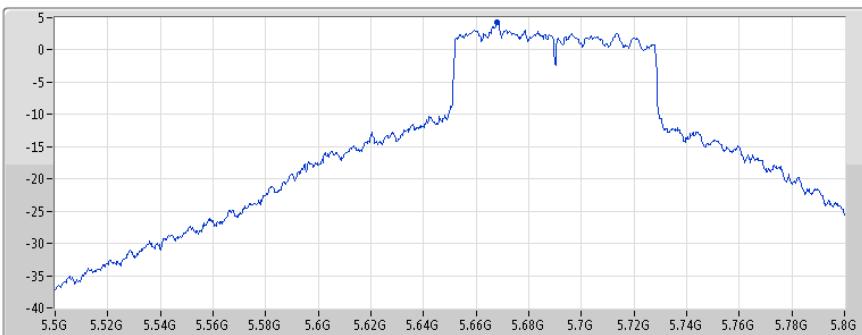
Ch Freq
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.15	1.15	1.15

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



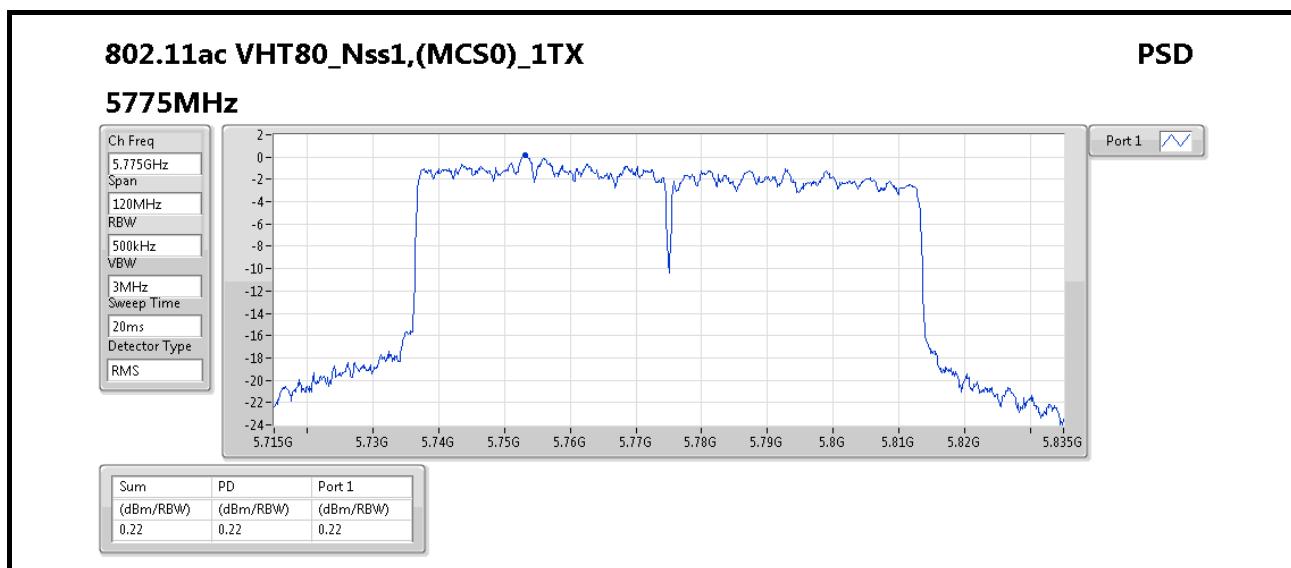
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.21	4.21	4.21

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)
-0.27	-0.27	-0.27





For set 3 antenna

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_1TX	-
5.15-5.25GHz	6.29
5.25-5.35GHz	6.82
5.47-5.725GHz	6.79
5.725-5.85GHz	7.77
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	10.32
5.25-5.35GHz	6.85
5.47-5.725GHz	6.81
5.725-5.85GHz	7.71
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	3.68
5.25-5.35GHz	3.88
5.47-5.725GHz	4.13
5.725-5.85GHz	4.52
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	-7.50
5.25-5.35GHz	-10.01
5.47-5.725GHz	1.46
5.725-5.85GHz	0.52

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	10.11	5.69	5.69	12.89
5200MHz	Pass	10.11	5.88	5.88	12.89
5240MHz	Pass	10.11	6.29	6.29	12.89
5260MHz	Pass	10.11	6.68	6.68	6.89
5300MHz	Pass	10.11	6.82	6.82	6.89
5320MHz	Pass	10.11	6.10	6.10	6.89
5500MHz	Pass	10.11	4.53	4.53	6.89
5580MHz	Pass	10.11	6.79	6.79	6.89
5700MHz	Pass	10.11	4.20	4.20	6.89
5720MHz Straddle 5.47-5.725GHz	Pass	10.11	6.71	6.71	6.89
5720MHz Straddle 5.725-5.85GHz	Pass	10.11	4.82	4.82	25.89
5745MHz	Pass	10.11	7.77	7.77	25.89
5785MHz	Pass	10.11	7.63	7.63	25.89
5825MHz	Pass	10.11	7.37	7.37	25.89
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	10.11	5.87	5.87	12.89
5200MHz	Pass	10.11	10.32	10.32	12.89
5240MHz	Pass	10.11	6.42	6.42	12.89
5260MHz	Pass	10.11	6.85	6.85	6.89
5300MHz	Pass	10.11	6.71	6.71	6.89
5320MHz	Pass	10.11	6.17	6.17	6.89
5500MHz	Pass	10.11	4.88	4.88	6.89
5580MHz	Pass	10.11	6.81	6.81	6.89
5700MHz	Pass	10.11	4.42	4.42	6.89
5720MHz Straddle 5.47-5.725GHz	Pass	10.11	6.73	6.73	6.89
5720MHz Straddle 5.725-5.85GHz	Pass	10.11	5.00	5.00	25.89
5745MHz	Pass	10.11	7.71	7.71	25.89
5785MHz	Pass	10.11	7.59	7.59	25.89
5825MHz	Pass	10.11	7.38	7.38	25.89
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	10.11	-2.66	-2.66	12.89
5230MHz	Pass	10.11	3.68	3.68	12.89
5270MHz	Pass	10.11	3.88	3.88	6.89
5310MHz	Pass	10.11	-2.48	-2.48	6.89
5510MHz	Pass	10.11	-1.83	-1.83	6.89
5550MHz	Pass	10.11	3.93	3.93	6.89
5670MHz	Pass	10.11	4.13	4.13	6.89
5710MHz Straddle 5.47-5.725GHz	Pass	10.11	3.97	3.97	6.89
5710MHz Straddle 5.725-5.85GHz	Pass	10.11	1.41	1.41	25.89
5755MHz	Pass	10.11	3.60	3.60	25.89
5795MHz	Pass	10.11	4.52	4.52	25.89
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	10.11	-7.50	-7.50	12.89



FCC Test Report

Report No. : FR760624AB

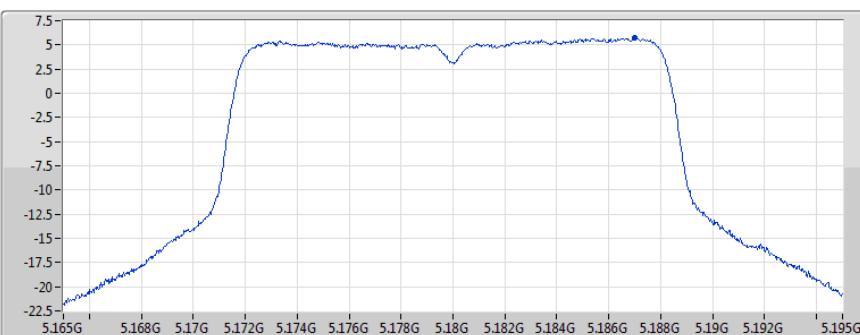
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5290MHz	Pass	10.11	-10.01	-10.01	6.89
5530MHz	Pass	10.11	-6.29	-6.29	6.89
5610MHz	Pass	10.11	1.46	1.46	6.89
5690MHz Straddle 5.47-5.725GHz	Pass	10.11	1.37	1.37	6.89
5690MHz Straddle 5.725-5.85GHz	Pass	10.11	-2.04	-2.04	25.89
5775MHz	Pass	10.11	0.52	0.52	25.89

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**

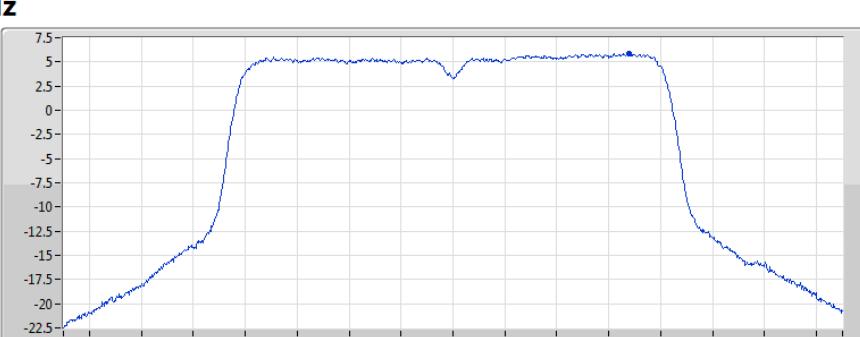
Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

802.11a_(6Mbps)_1TX**PSD****5200MHz**

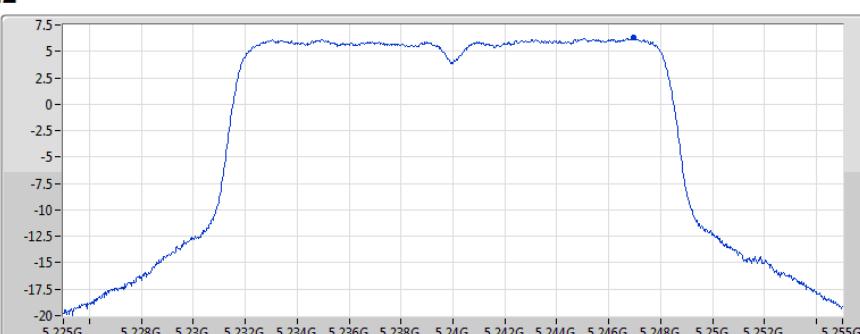
Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

802.11a_(6Mbps)_1TX**PSD****5240MHz**

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

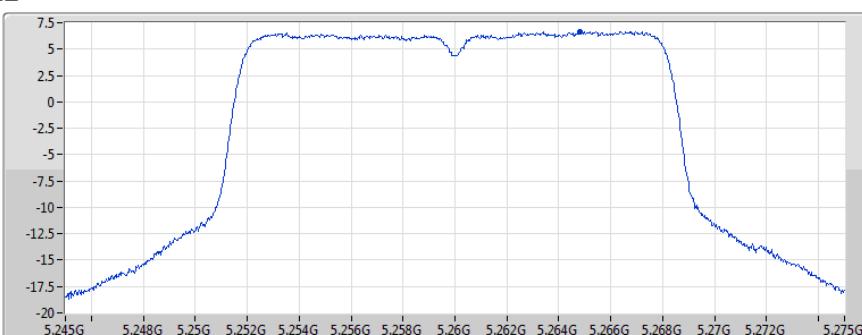


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.69	5.69	5.69
5.88	5.88	5.88
6.29	6.29	6.29

**802.11a_(6Mbps)_1TX****PSD****5260MHz**

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

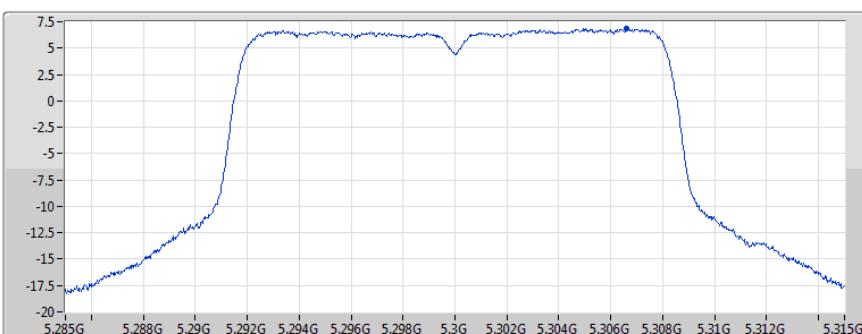


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.68	6.68	6.68

802.11a_(6Mbps)_1TX**PSD****5300MHz**

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.82	6.82	6.82

802.11a_(6Mbps)_1TX**PSD****5320MHz**

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

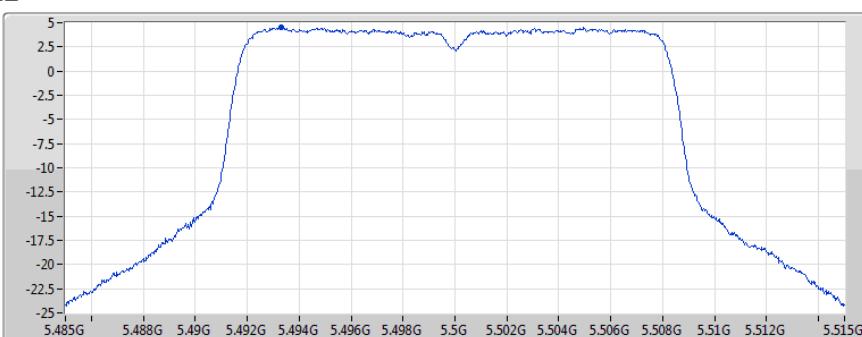


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.10	6.10	6.10

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

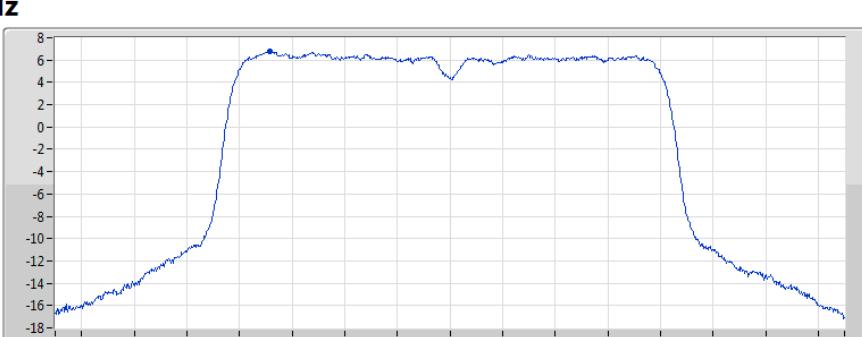
Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

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

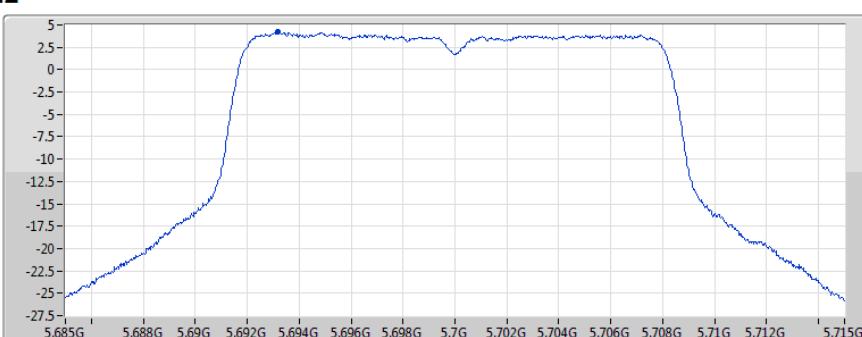
Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

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

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

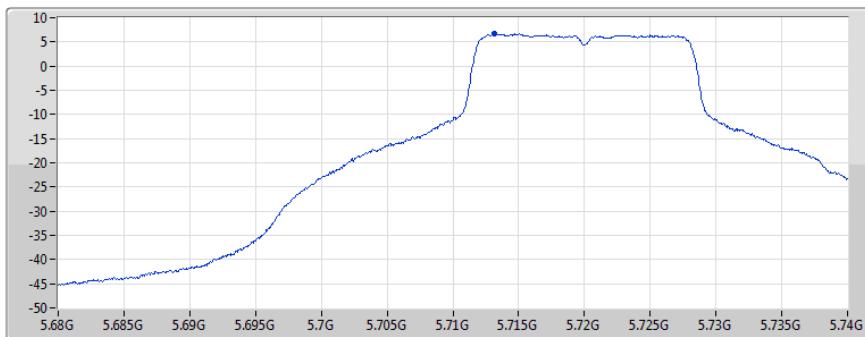


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.20	4.20	4.20

**802.11a_(6Mbps)_1TX****PSD****5720MHz Straddle 5.47-5.725GHz**

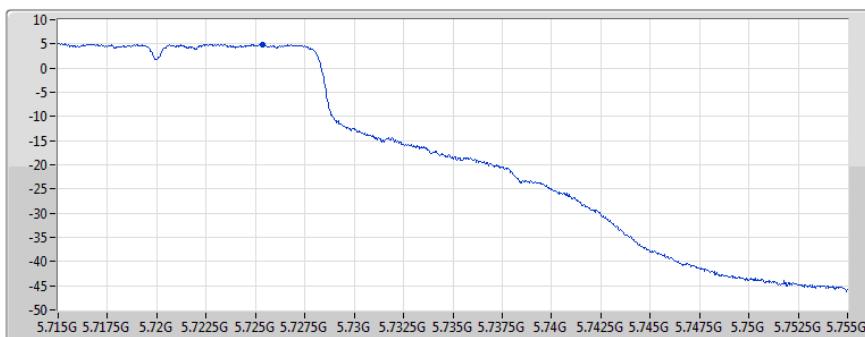
Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71	6.71

802.11a_(6Mbps)_1TX**PSD****5720MHz Straddle 5.725-5.85GHz**

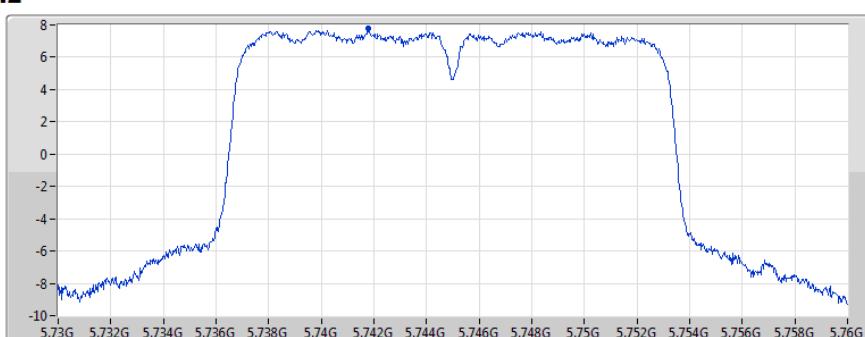
Ch Freq
5.735GHz
Span
40MHz
RBW
500KHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.82	4.82	4.82

802.11a_(6Mbps)_1TX**PSD****5745MHz**

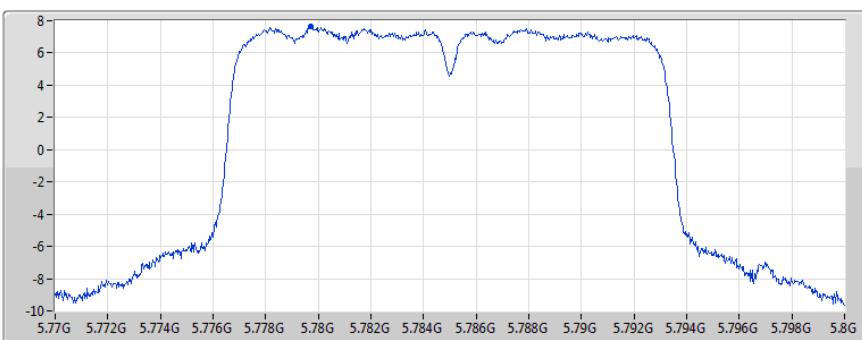
Ch Freq
5.745GHz
Span
30MHz
RBW
500KHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.77	7.77	7.77

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

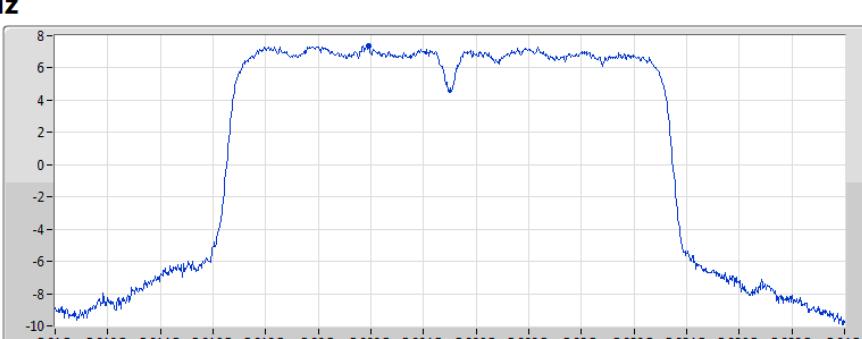
Ch Freq	5.785GHz
Span	30MHz
RBW	500KHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Port 1

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

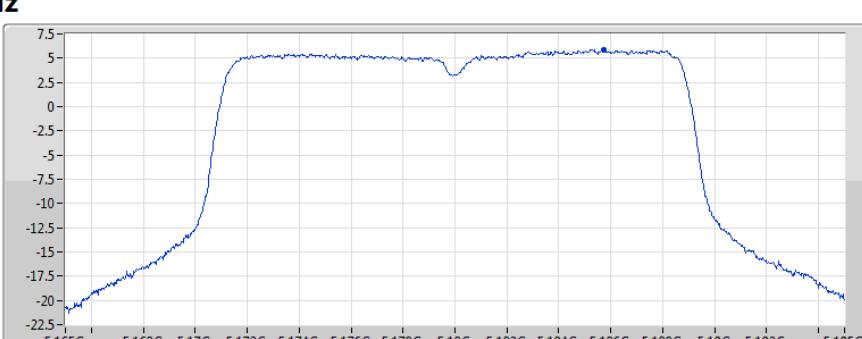
Ch Freq	5.825GHz
Span	30MHz
RBW	500KHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Port 1

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

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



Port 1

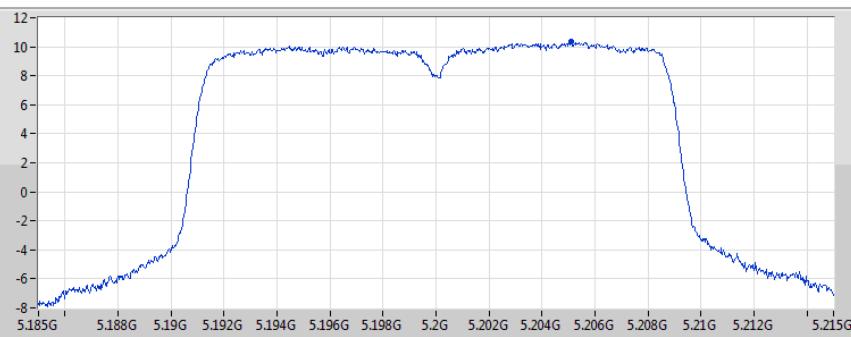


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

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



Port 1

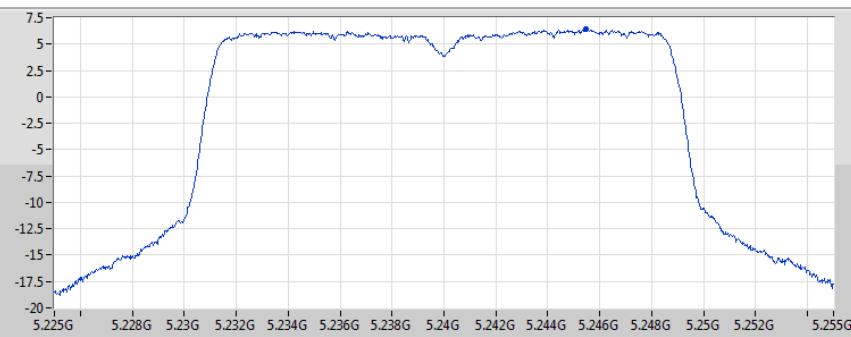
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.32	10.32	10.32

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

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



Port 1

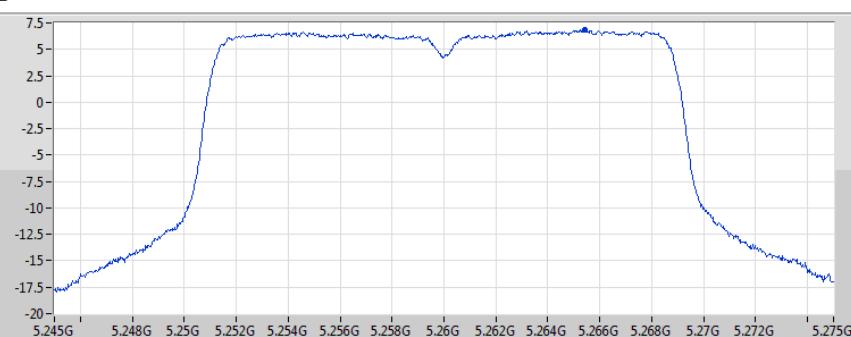
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.42	6.42	6.42

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

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

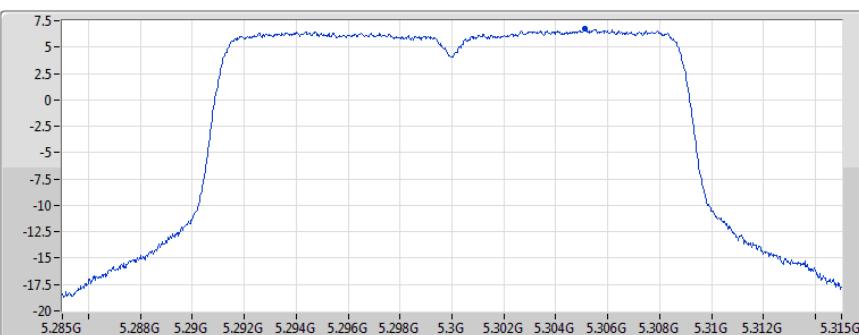


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.85	6.85	6.85

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5300MHz**

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

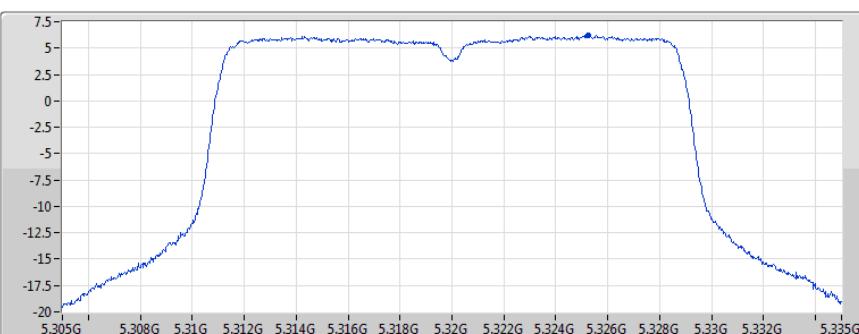


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71	6.71

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5320MHz**

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

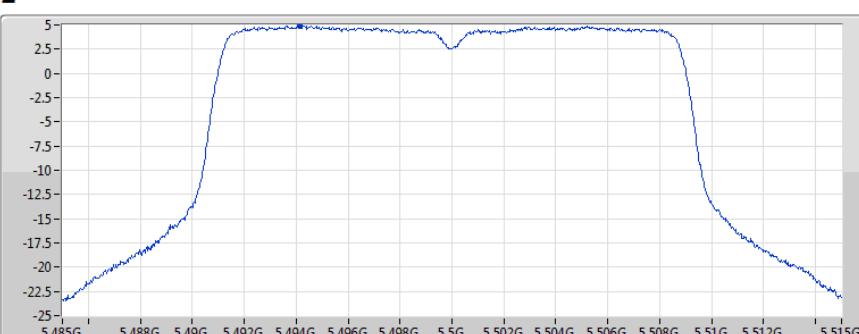


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.17	6.17	6.17

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5500MHz**

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

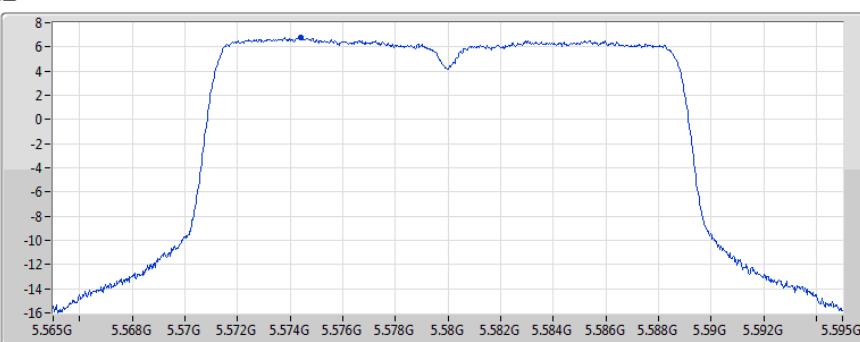


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.88	4.88	4.88

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5580MHz**

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

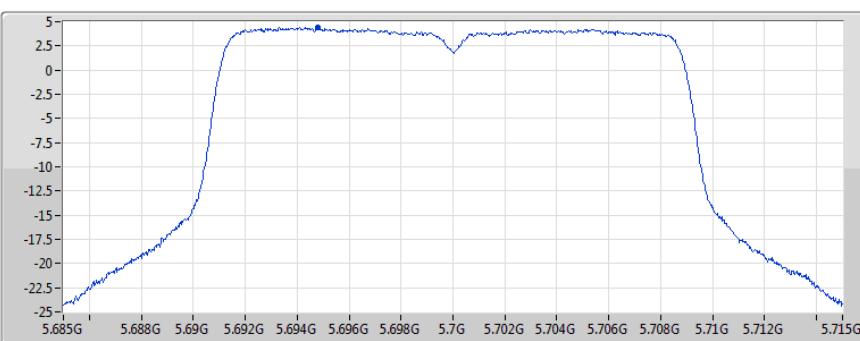


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.81	6.81	6.81

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5700MHz**

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

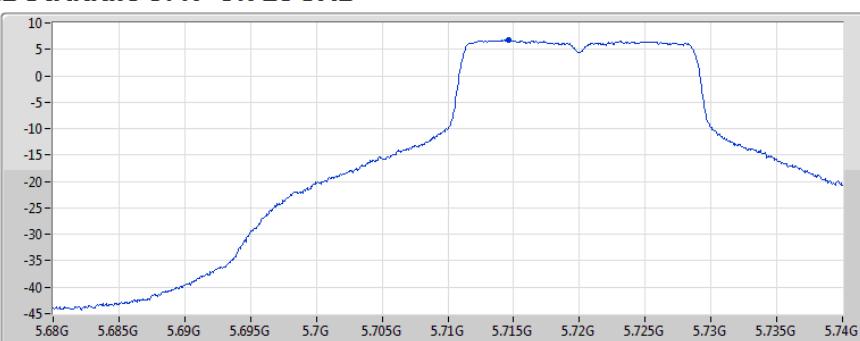


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.42	4.42	4.42

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

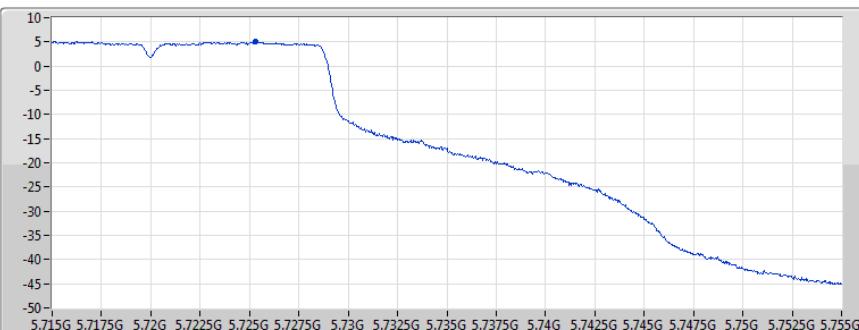


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.73	6.73	6.73

**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
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.00	5.00	5.00

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

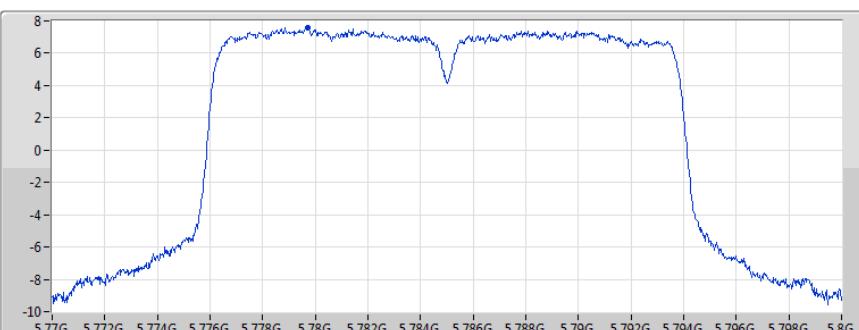
Ch Freq
5.745GHz
Span
30MHz
RBW
500KHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.71	7.71	7.71

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

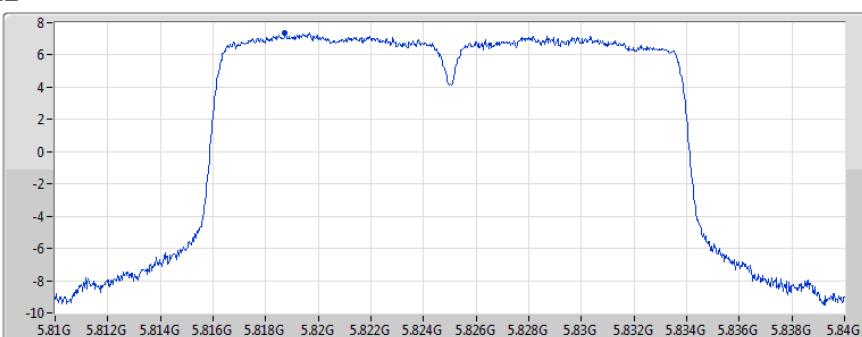
Ch Freq
5.785GHz
Span
30MHz
RBW
500KHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.59	7.59	7.59

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5825MHz**

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

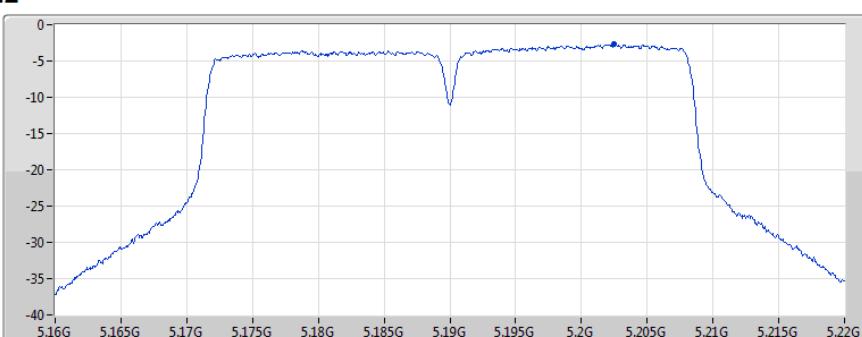


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.38	7.38	7.38

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5190MHz**

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

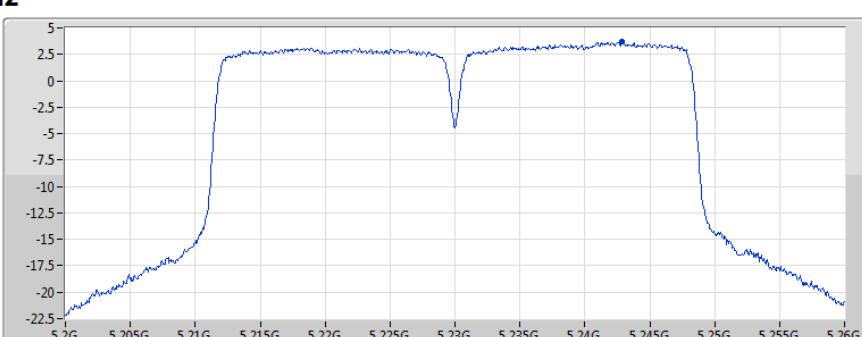


Port 1

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

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5230MHz**

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.68	3.68	3.68

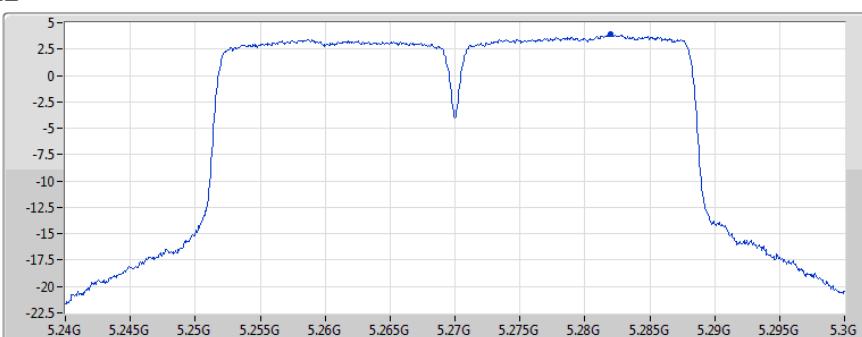


802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

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



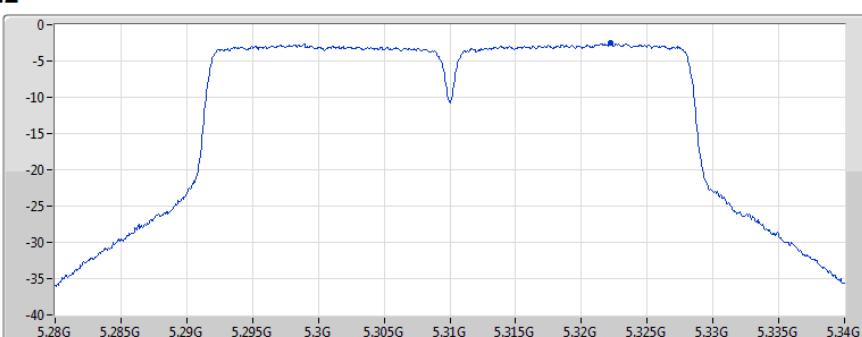
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.88	3.88	3.88

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

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



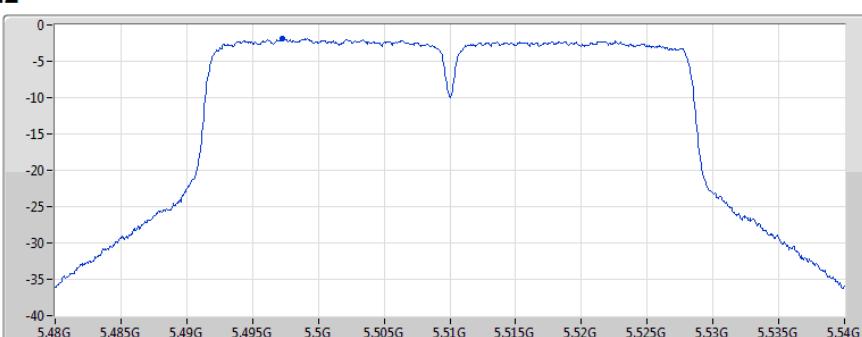
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.48	-2.48	-2.48

802.11ac VHT40_Nss1,(MCS0)_1TX

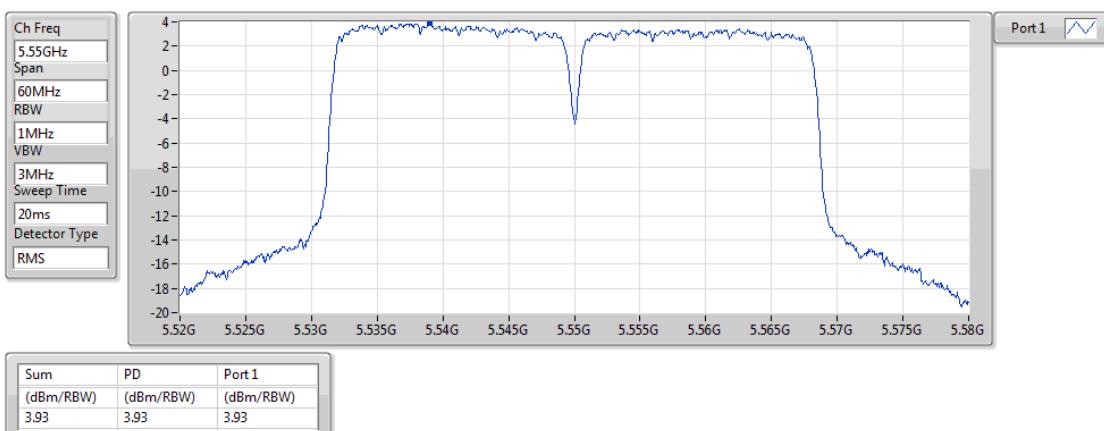
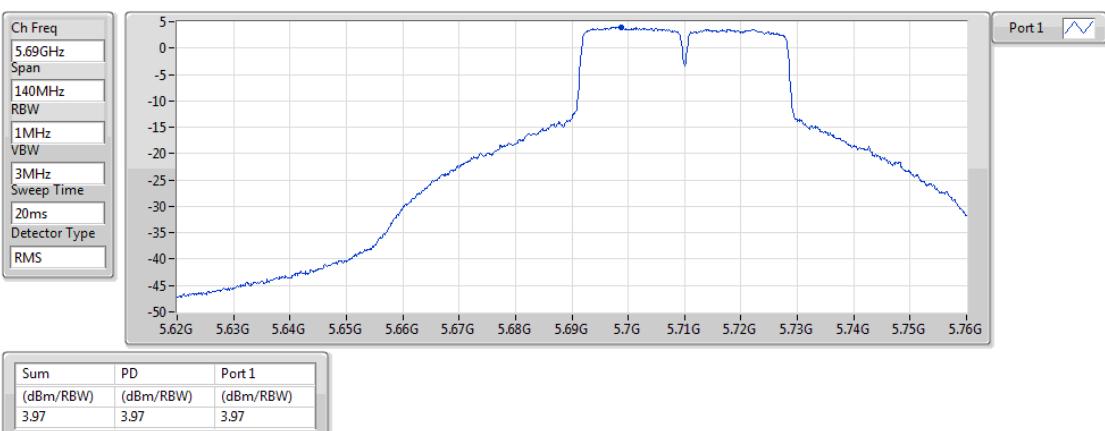
PSD

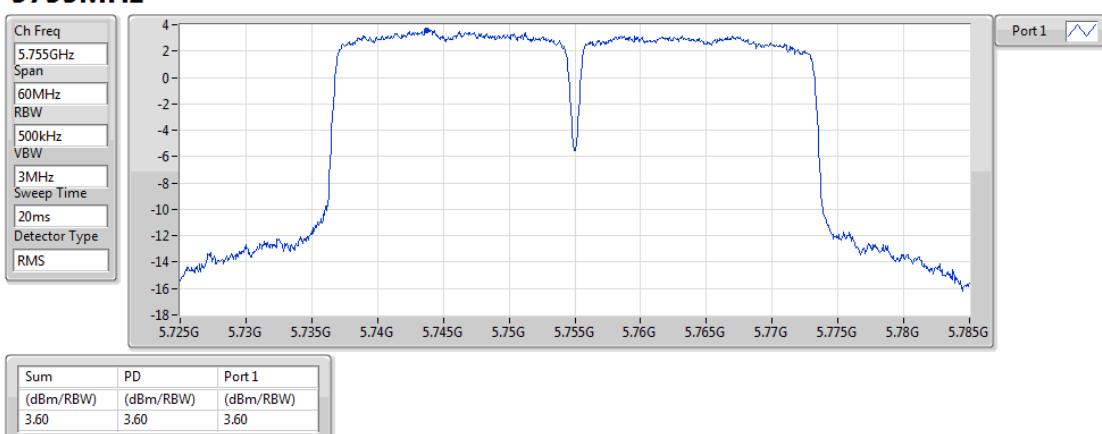
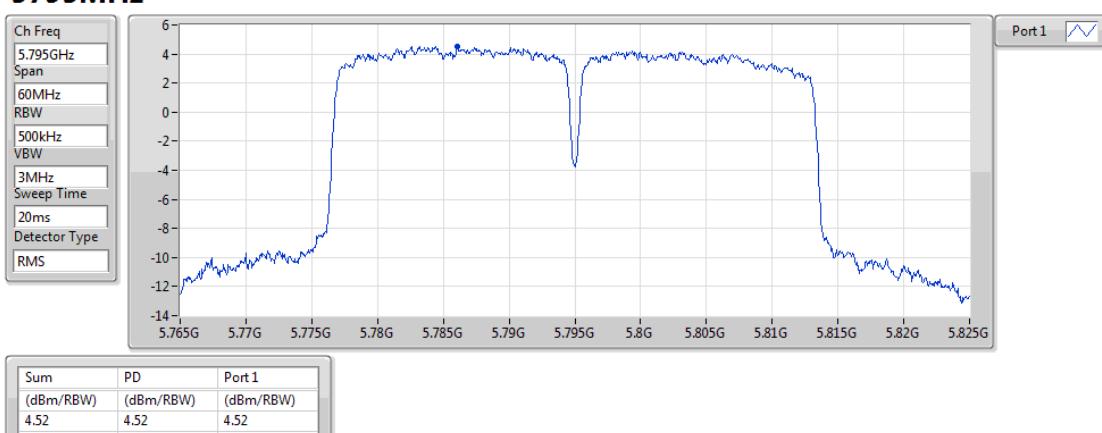
5510MHz

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



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.83	-1.83	-1.83

**802.11ac VHT40_Nss1,(MCS0)_1TX****PSD****5550MHz****802.11ac VHT40_Nss1,(MCS0)_1TX****PSD****5670MHz****802.11ac VHT40_Nss1,(MCS0)_1TX****PSD****5710MHz Straddle 5.47-5.725GHz**

**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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.50	-7.50	-7.50

802.11ac VHT80_Nss1,(MCS0)_1TX**PSD****5290MHz**

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.01	-10.01	-10.01

802.11ac VHT80_Nss1,(MCS0)_1TX**PSD****5530MHz**

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.29	-6.29	-6.29

**802.11ac VHT80_Nss1,(MCS0)_1TX****PSD****5610MHz**

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



Port 1

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



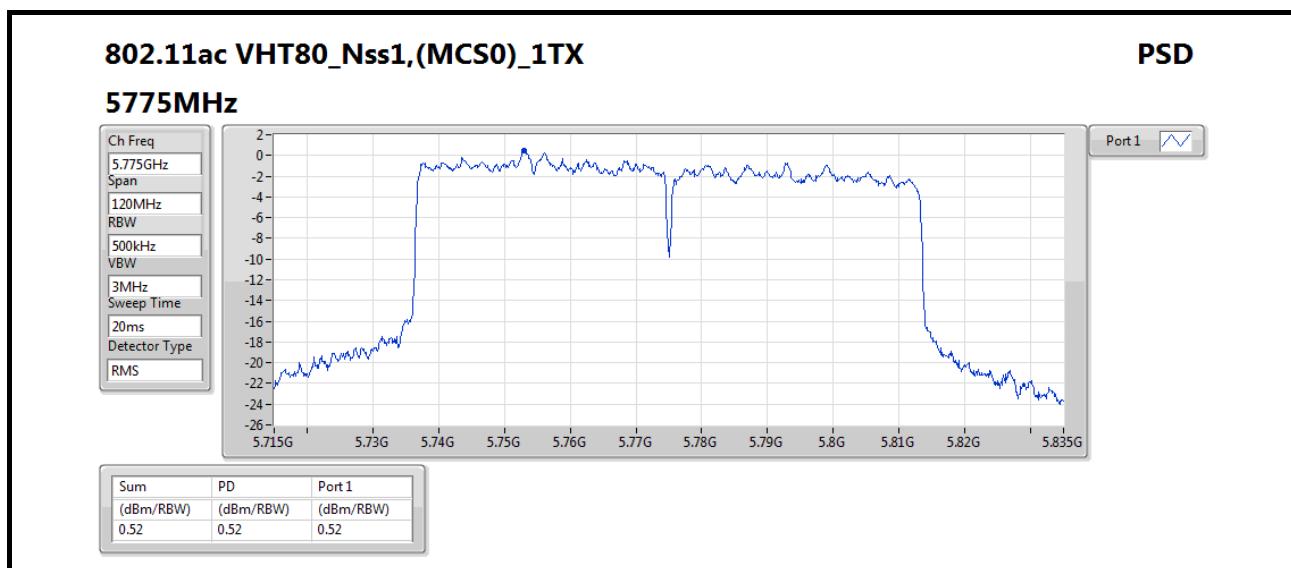
Port 1

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



Port 1





For set 4 antenna

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_1TX	-
5.15-5.25GHz	10.02
5.25-5.35GHz	10.16
5.47-5.725GHz	9.15
5.725-5.85GHz	7.73
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	10.16
5.25-5.35GHz	10.55
5.47-5.725GHz	9.38
5.725-5.85GHz	7.84
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	3.74
5.25-5.35GHz	5.81
5.47-5.725GHz	6.27
5.725-5.85GHz	4.63
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	-3.69
5.25-5.35GHz	-6.06
5.47-5.725GHz	4.21
5.725-5.85GHz	0.22

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	6.10	8.11	8.11	16.90
5200MHz	Pass	6.10	10.02	10.02	16.90
5240MHz	Pass	6.10	6.57	6.57	16.90
5260MHz	Pass	6.10	10.16	10.16	10.90
5300MHz	Pass	6.10	9.60	9.60	10.90
5320MHz	Pass	6.10	6.54	6.54	10.90
5500MHz	Pass	6.10	5.24	5.24	10.90
5580MHz	Pass	6.10	8.97	8.97	10.90
5700MHz	Pass	6.10	3.91	3.91	10.90
5720MHz Straddle 5.47-5.725GHz	Pass	6.10	9.15	9.15	10.90
5720MHz Straddle 5.725-5.85GHz	Pass	6.10	7.47	7.47	29.90
5745MHz	Pass	6.10	7.68	7.68	29.90
5785MHz	Pass	6.10	7.73	7.73	29.90
5825MHz	Pass	6.10	7.51	7.51	29.90
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	6.10	8.35	8.35	16.90
5200MHz	Pass	6.10	10.16	10.16	16.90
5240MHz	Pass	6.10	6.55	6.55	16.90
5260MHz	Pass	6.10	10.55	10.55	10.90
5300MHz	Pass	6.10	9.83	9.83	10.90
5320MHz	Pass	6.10	6.46	6.46	10.90
5500MHz	Pass	6.10	5.53	5.53	10.90
5580MHz	Pass	6.10	9.15	9.15	10.90
5700MHz	Pass	6.10	3.88	3.88	10.90
5720MHz Straddle 5.47-5.725GHz	Pass	6.10	9.38	9.38	10.90
5720MHz Straddle 5.725-5.85GHz	Pass	6.10	7.58	7.58	29.90
5745MHz	Pass	6.10	7.84	7.84	29.90
5785MHz	Pass	6.10	7.71	7.71	29.90
5825MHz	Pass	6.10	7.68	7.68	29.90
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	6.10	-0.72	-0.72	16.90
5230MHz	Pass	6.10	3.74	3.74	16.90
5270MHz	Pass	6.10	5.81	5.81	10.90
5310MHz	Pass	6.10	-1.33	-1.33	10.90
5510MHz	Pass	6.10	-0.99	-0.99	10.90
5550MHz	Pass	6.10	5.14	5.14	10.90
5670MHz	Pass	6.10	3.80	3.80	10.90
5710MHz Straddle 5.47-5.725GHz	Pass	6.10	6.27	6.27	10.90
5710MHz Straddle 5.725-5.85GHz	Pass	6.10	3.58	3.58	29.90
5755MHz	Pass	6.10	3.53	3.53	29.90
5795MHz	Pass	6.10	4.63	4.63	29.90
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	6.10	-3.69	-3.69	16.90

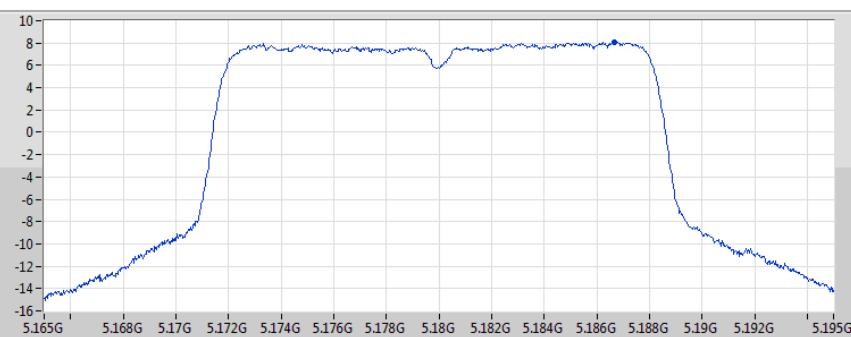
**FCC Test Report****Report No. : FR760624AB**

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5290MHz	Pass	6.10	-6.06	-6.06	10.90
5530MHz	Pass	6.10	-4.55	-4.55	10.90
5610MHz	Pass	6.10	2.89	2.89	10.90
5690MHz Straddle 5.47-5.725GHz	Pass	6.10	4.21	4.21	10.90
5690MHz Straddle 5.725-5.85GHz	Pass	6.10	-0.27	-0.27	29.90
5775MHz	Pass	6.10	0.22	0.22	29.90

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**

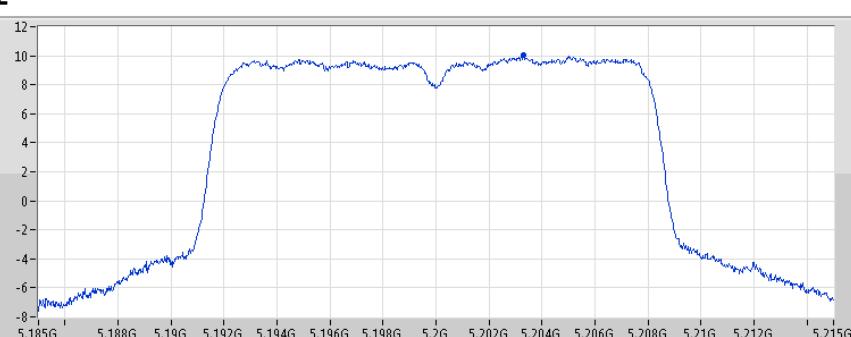
Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

802.11a_(6Mbps)_1TX**PSD****5200MHz**

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



Port 1

802.11a_(6Mbps)_1TX**PSD****5240MHz**

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

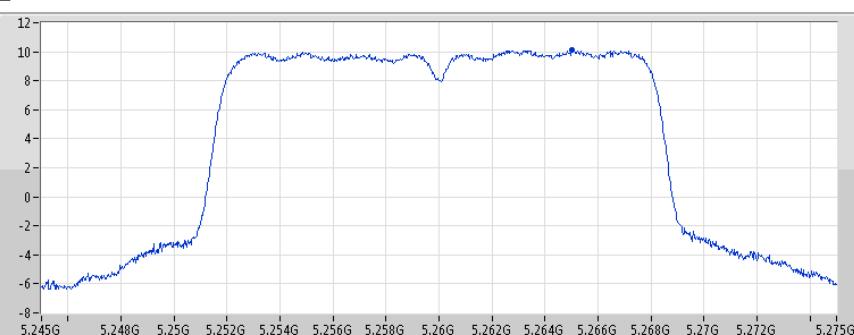


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.11	8.11	8.11

**802.11a_(6Mbps)_1TX****PSD****5260MHz**

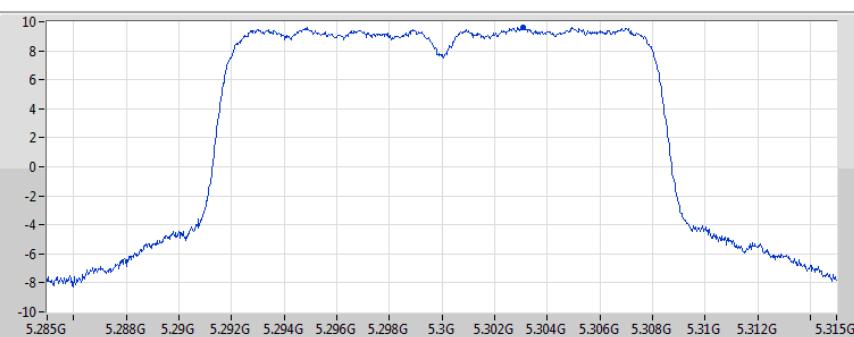
Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.16	10.16	10.16

802.11a_(6Mbps)_1TX**PSD****5300MHz**

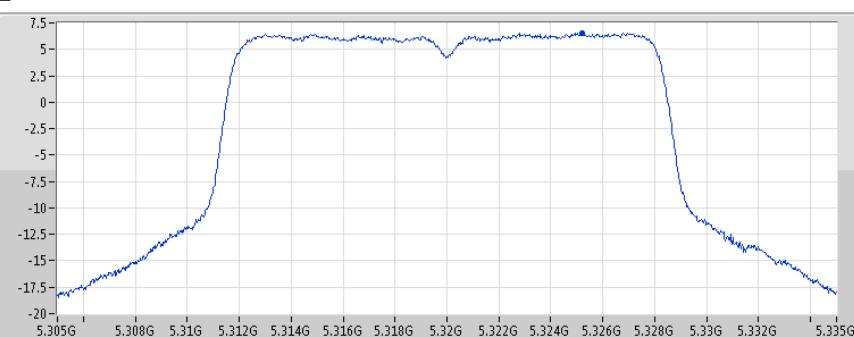
Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



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

802.11a_(6Mbps)_1TX**PSD****5320MHz**

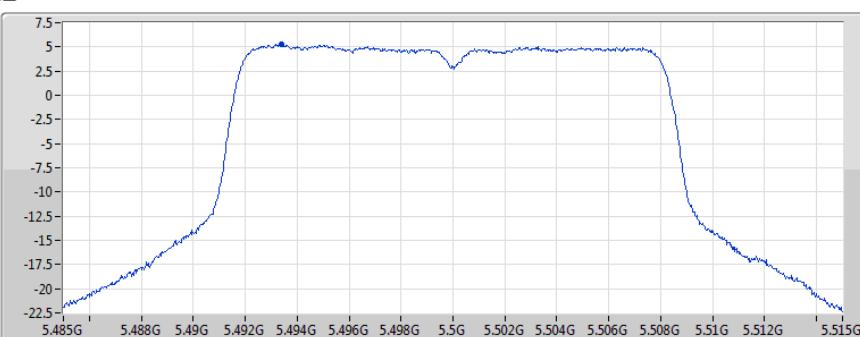
Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



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

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

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



Port 1

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

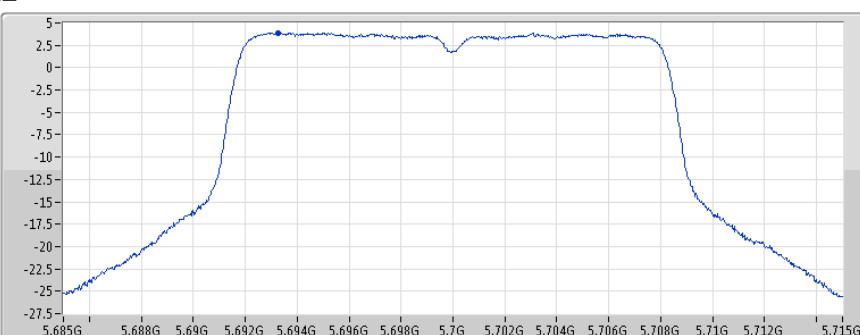
Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

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

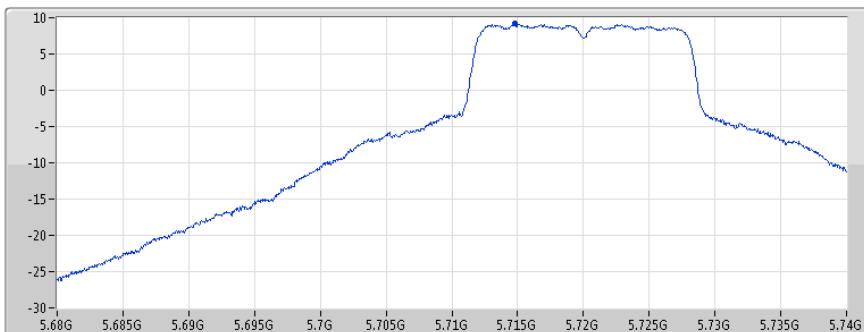
Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

**802.11a_(6Mbps)_1TX****PSD****5720MHz Straddle 5.47-5.725GHz**

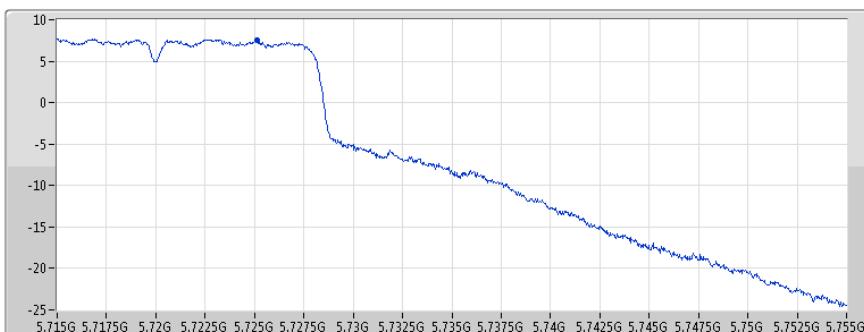
Ch Freq	5.71GHz
Span	60MHz
RBW	1MHz
VBW	3MHz
Sweep Time	20ms
Detector Type	RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.15	9.15	9.15

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



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.47	7.47	7.47

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)
7.68	7.68	7.68

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

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)
7.73	7.73	7.73

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

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

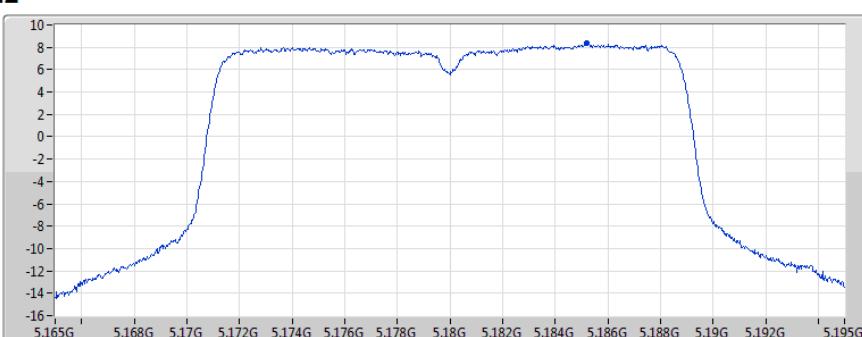


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.51	7.51	7.51

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

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

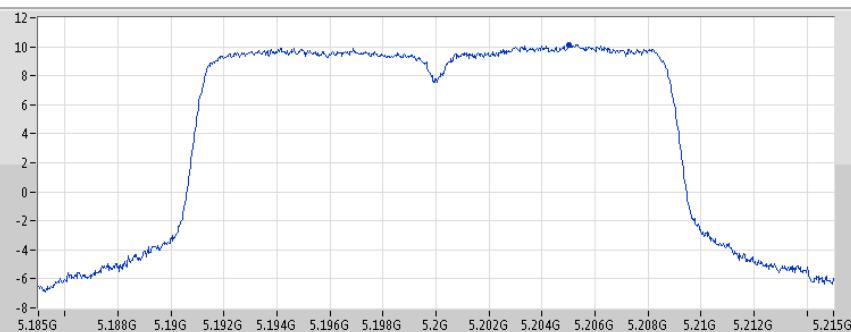


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.35	8.35	8.35

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5200MHz**

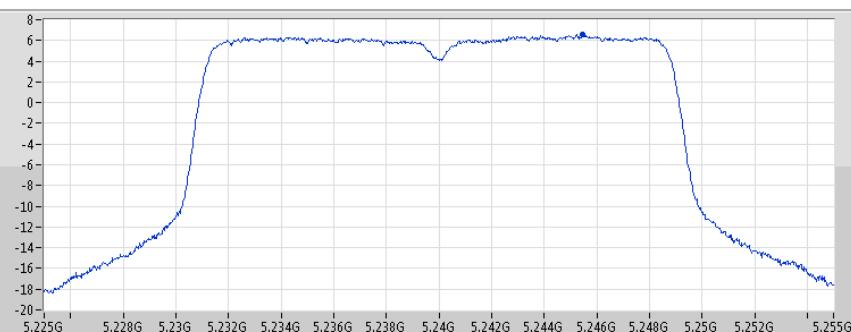
Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.16	10.16	10.16

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5240MHz**

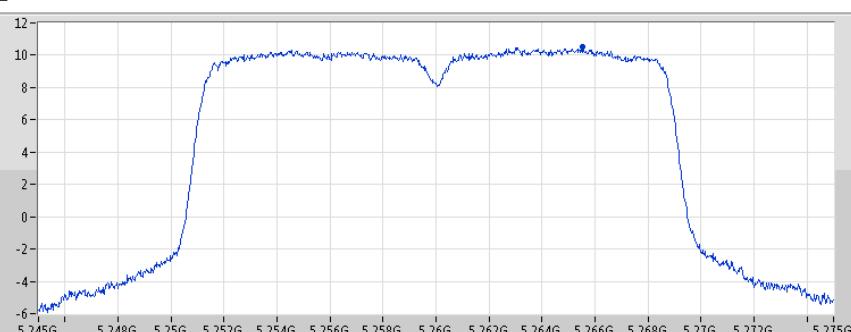
Ch Freq
5.24GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



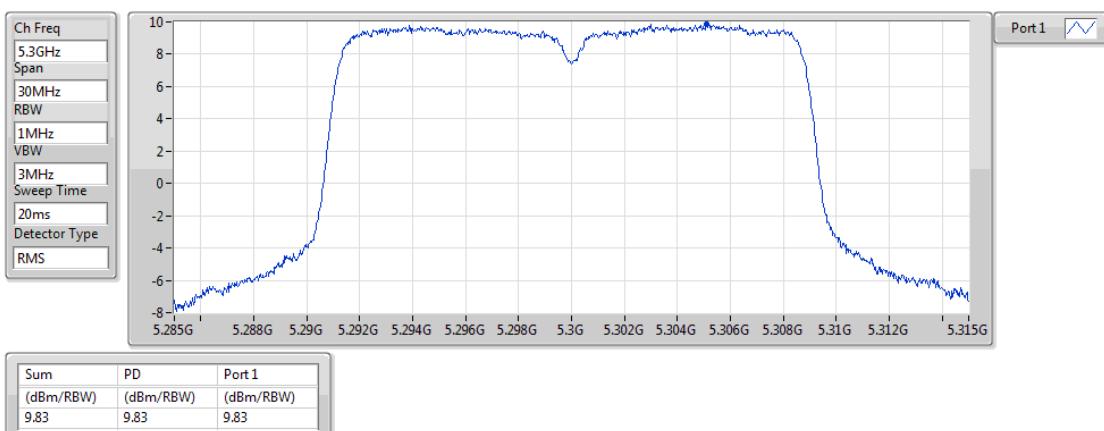
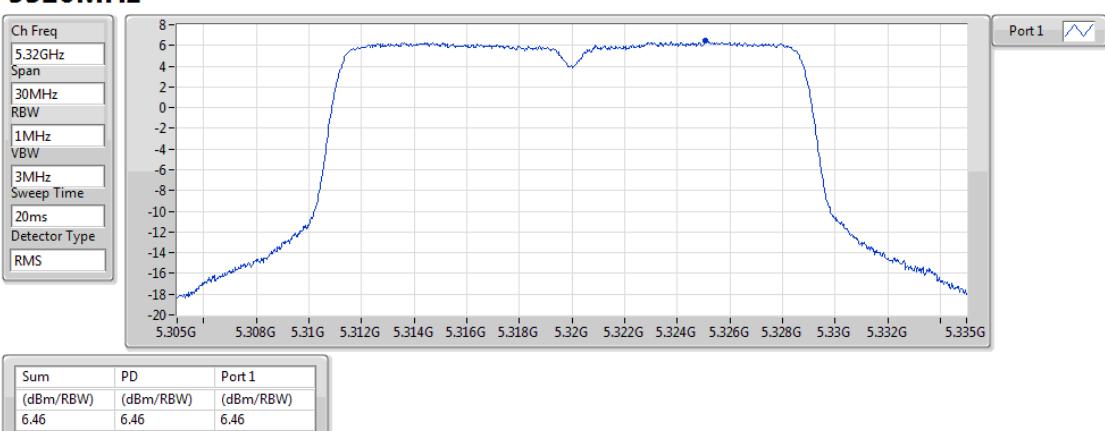
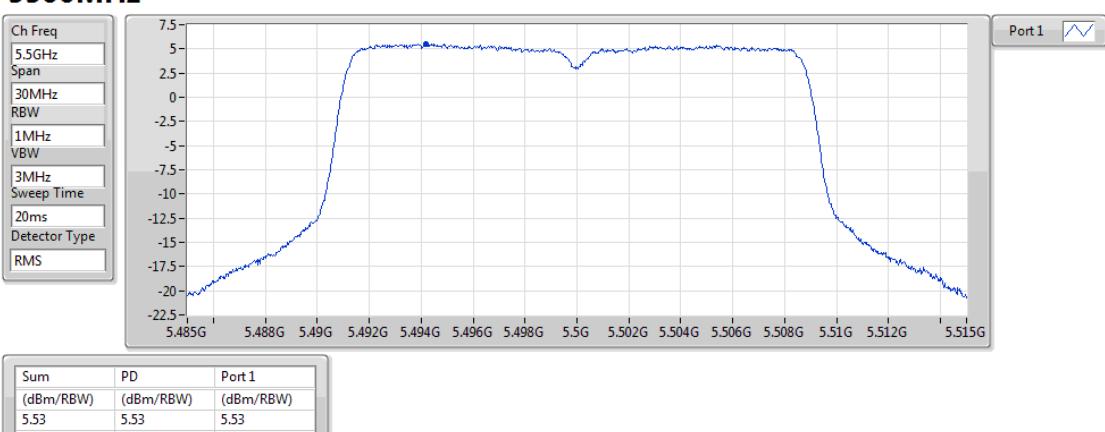
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.55	6.55	6.55

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5260MHz**

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

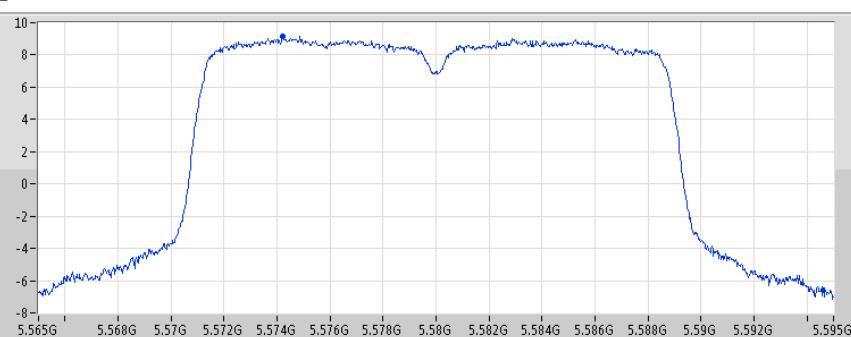


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.55	10.55	10.55

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5300MHz****802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5320MHz****802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5500MHz**

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5580MHz**

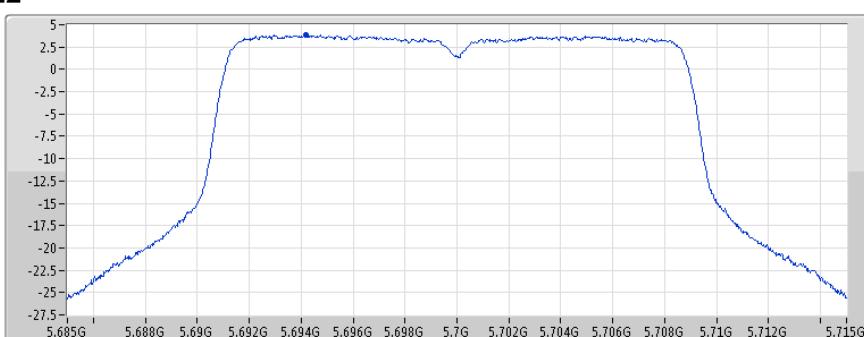
Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.15	9.15	9.15

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5700MHz**

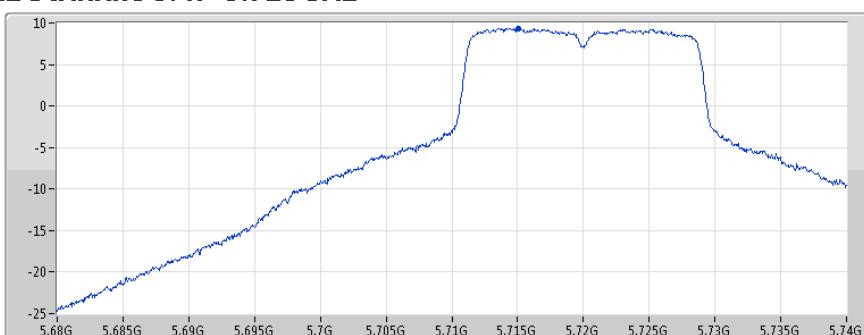
Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.88	3.88	3.88

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5720MHz Straddle 5.47-5.725GHz**

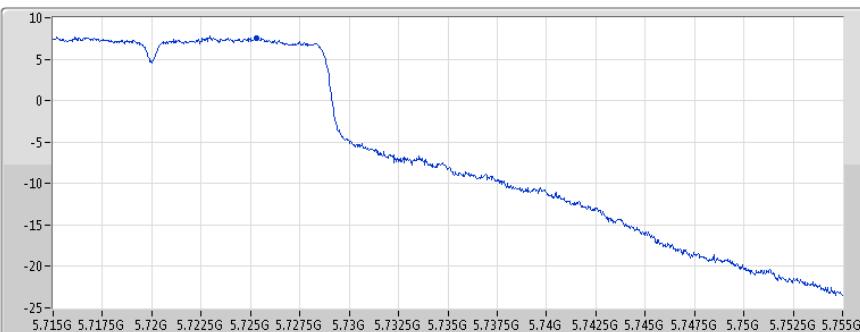
Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.38	9.38	9.38

**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
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.58	7.58	7.58

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

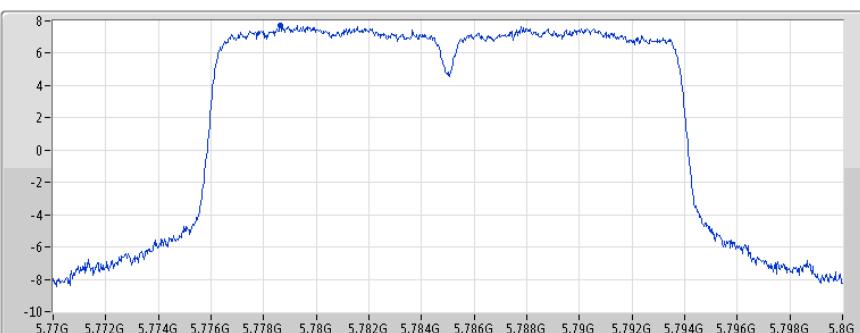
Ch Freq
5.745GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.84	7.84	7.84

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

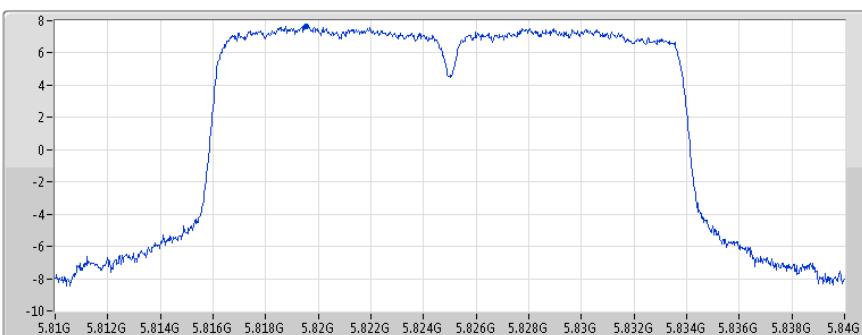
Ch Freq
5.785GHz
Span
30MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.71	7.71	7.71

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5825MHz**

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

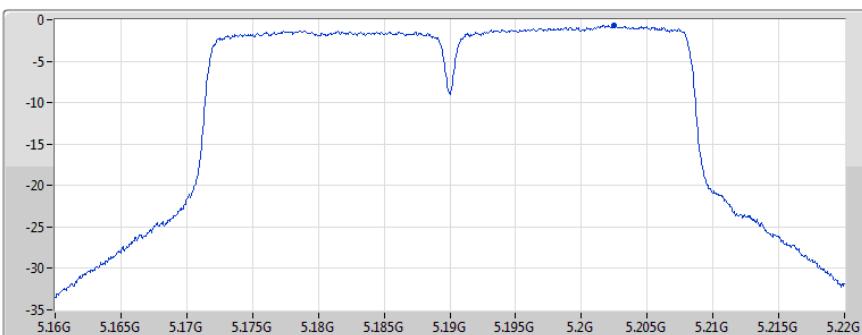


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.68	7.68	7.68

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5190MHz**

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

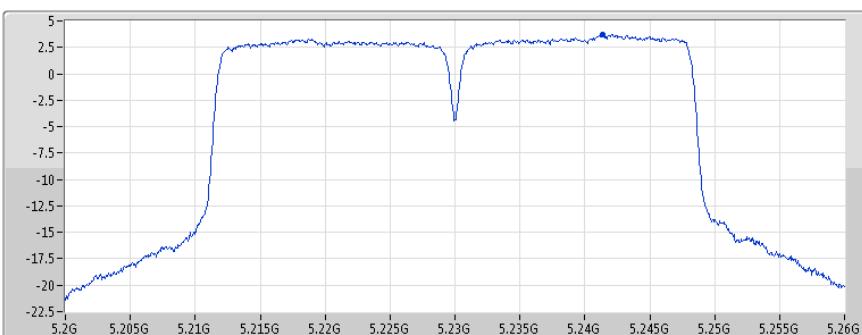


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.72	-0.72	-0.72

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5230MHz**

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

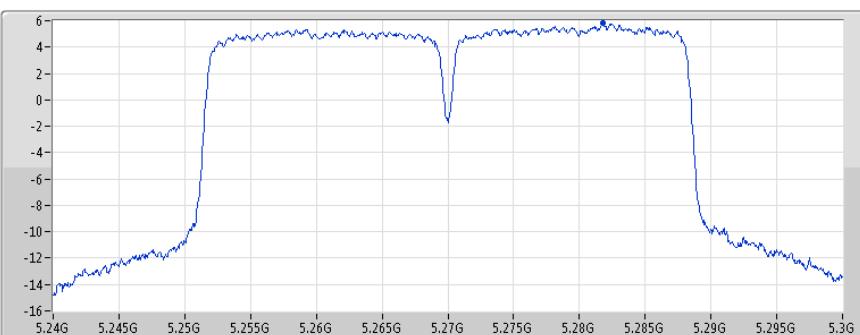


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.74	3.74	3.74

**802.11ac VHT40_Nss1,(MCS0)_1TX****PSD****5270MHz**

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

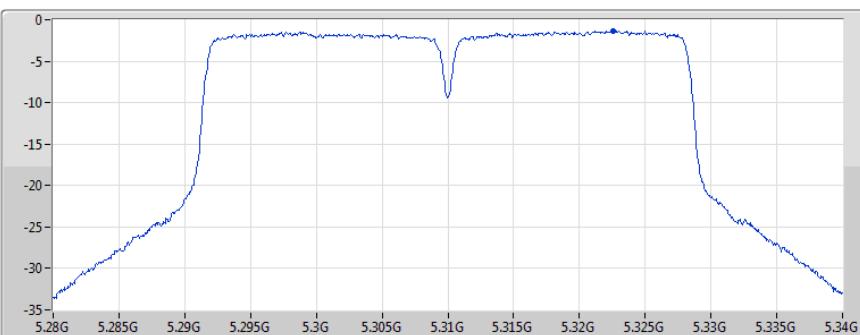


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.81	5.81	5.81

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5310MHz**

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

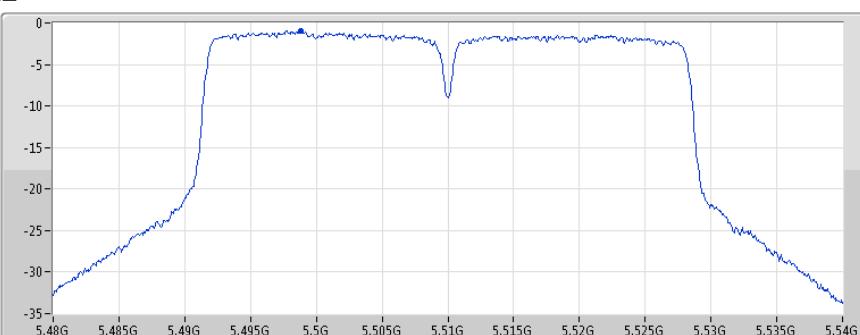


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.33	-1.33	-1.33

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5510MHz**

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.99	-0.99	-0.99

**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)
5.14	5.14	5.14

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5670MHz**

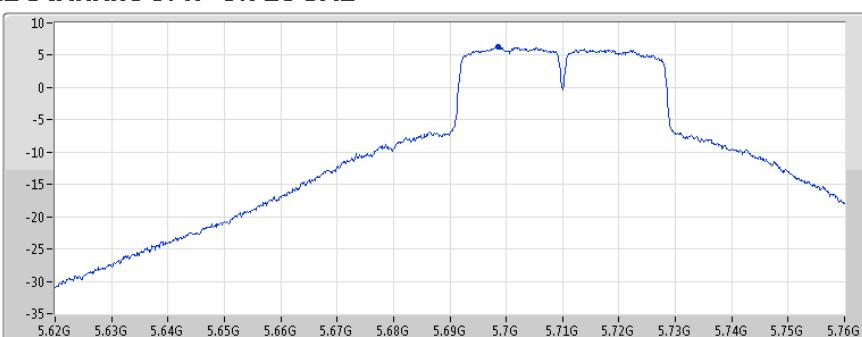
Ch Freq
5.67GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.80	3.80	3.80

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5710MHz Straddle 5.47-5.725GHz**

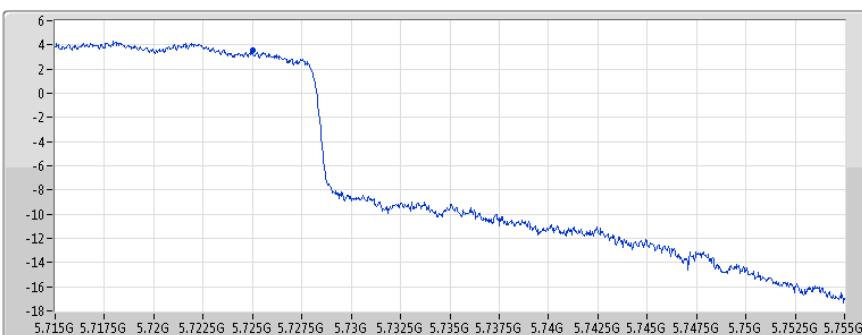
Ch Freq
5.69GHz
Span
140MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.27	6.27	6.27

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

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.58	3.58	3.58

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

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.53	3.53	3.53

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

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

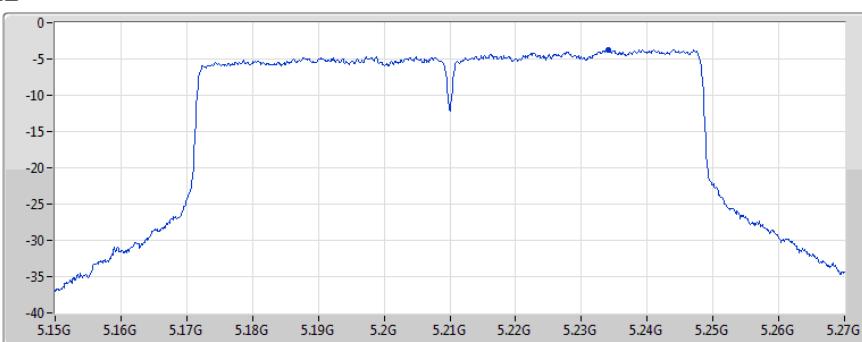


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.63	4.63	4.63

**802.11ac VHT80_Nss1,(MCS0)_1TX****PSD****5210MHz**

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



Port 1

802.11ac VHT80_Nss1,(MCS0)_1TX**PSD****5290MHz**

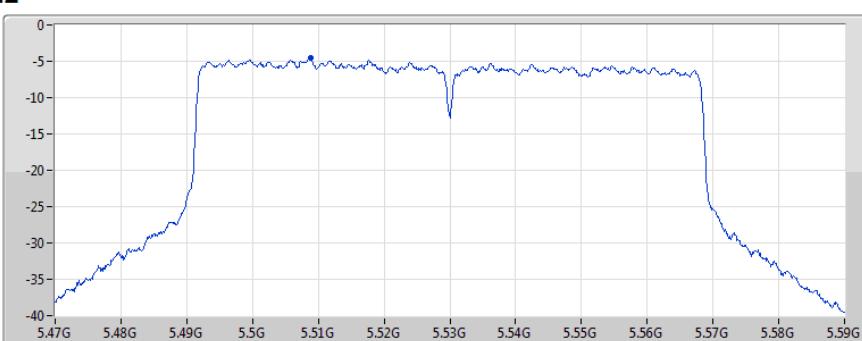
Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

802.11ac VHT80_Nss1,(MCS0)_1TX**PSD****5530MHz**

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



Port 1

**802.11ac VHT80_Nss1,(MCS0)_1TX****PSD****5610MHz**

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



Port 1

802.11ac VHT80_Nss1,(MCS0)_1TX**PSD****5690MHz Straddle 5.47-5.725GHz**

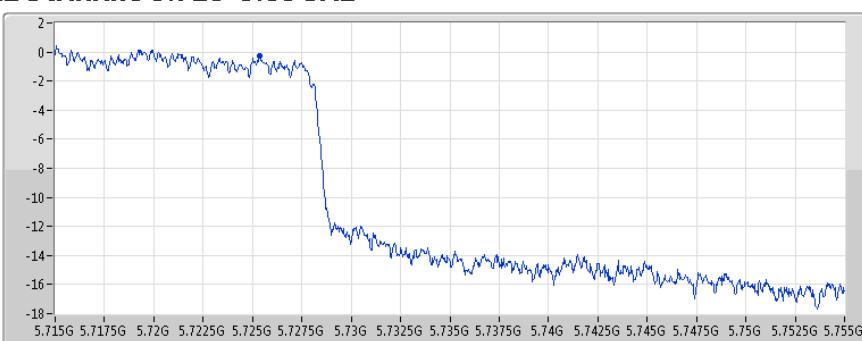
Ch Freq
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



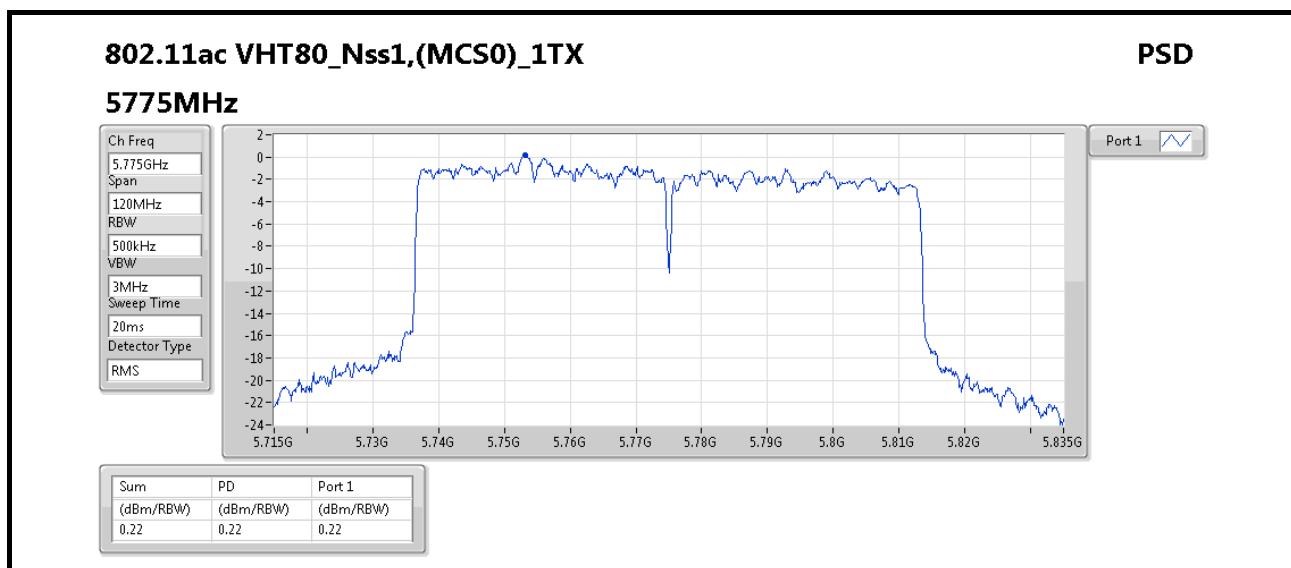
Port 1

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



Port 1





For set 5 antenna

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_1TX	-
5.15-5.25GHz	10.21
5.25-5.35GHz	10.96
5.47-5.725GHz	10.07
5.725-5.85GHz	8.63
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	10.23
5.25-5.35GHz	10.94
5.47-5.725GHz	10.20
5.725-5.85GHz	8.60
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	4.48
5.25-5.35GHz	6.33
5.47-5.725GHz	7.22
5.725-5.85GHz	5.26
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	-4.60
5.25-5.35GHz	-8.17
5.47-5.725GHz	4.49
5.725-5.85GHz	1.00

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	4.57	7.34	7.34	17.00
5200MHz	Pass	4.57	10.21	10.21	17.00
5240MHz	Pass	4.57	6.98	6.98	17.00
5260MHz	Pass	4.57	10.96	10.96	11.00
5300MHz	Pass	4.57	10.14	10.14	11.00
5320MHz	Pass	4.57	6.86	6.86	11.00
5500MHz	Pass	4.57	3.63	3.63	11.00
5580MHz	Pass	4.57	9.85	9.85	11.00
5700MHz	Pass	4.57	5.99	5.99	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.57	10.07	10.07	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.57	8.30	8.30	30.00
5745MHz	Pass	4.57	8.63	8.63	30.00
5785MHz	Pass	4.57	8.52	8.52	30.00
5825MHz	Pass	4.57	8.16	8.16	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	4.57	7.42	7.42	17.00
5200MHz	Pass	4.57	10.23	10.23	17.00
5240MHz	Pass	4.57	7.15	7.15	17.00
5260MHz	Pass	4.57	10.94	10.94	11.00
5300MHz	Pass	4.57	10.37	10.37	11.00
5320MHz	Pass	4.57	7.44	7.44	11.00
5500MHz	Pass	4.57	3.85	3.85	11.00
5580MHz	Pass	4.57	9.69	9.69	11.00
5700MHz	Pass	4.57	6.17	6.17	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.57	10.20	10.20	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.57	8.48	8.48	30.00
5745MHz	Pass	4.57	8.60	8.60	30.00
5785MHz	Pass	4.57	8.46	8.46	30.00
5825MHz	Pass	4.57	8.16	8.16	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	4.57	-0.33	-0.33	17.00
5230MHz	Pass	4.57	4.48	4.48	17.00
5270MHz	Pass	4.57	6.33	6.33	11.00
5310MHz	Pass	4.57	-2.11	-2.11	11.00
5510MHz	Pass	4.57	-0.46	-0.46	11.00
5550MHz	Pass	4.57	5.67	5.67	11.00
5670MHz	Pass	4.57	5.74	5.74	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.57	7.22	7.22	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.57	4.39	4.39	30.00
5755MHz	Pass	4.57	4.13	4.13	30.00
5795MHz	Pass	4.57	5.26	5.26	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	4.57	-4.60	-4.60	17.00



FCC Test Report

Report No. : FR760624AB

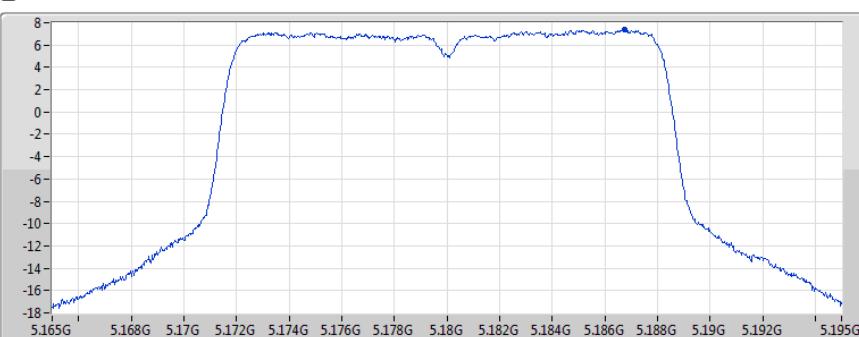
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5290MHz	Pass	4.57	-8.17	-8.17	11.00
5530MHz	Pass	4.57	-5.05	-5.05	11.00
5610MHz	Pass	4.57	2.66	2.66	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.57	4.49	4.49	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.57	0.83	0.83	30.00
5775MHz	Pass	4.57	1.00	1.00	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**

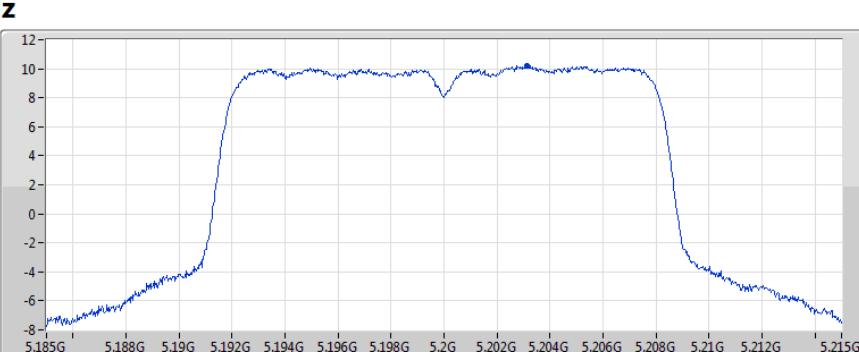
Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.34	7.34	7.34

PSD**5200MHz**

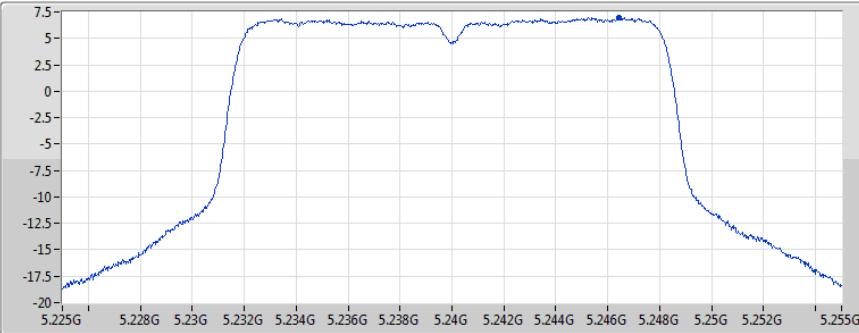
Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.21	10.21	10.21

PSD**802.11a_(6Mbps)_1TX****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)
6.98	6.98	6.98



802.11a_(6Mbps)_1TX

PSD

5260MHz

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



Port 1

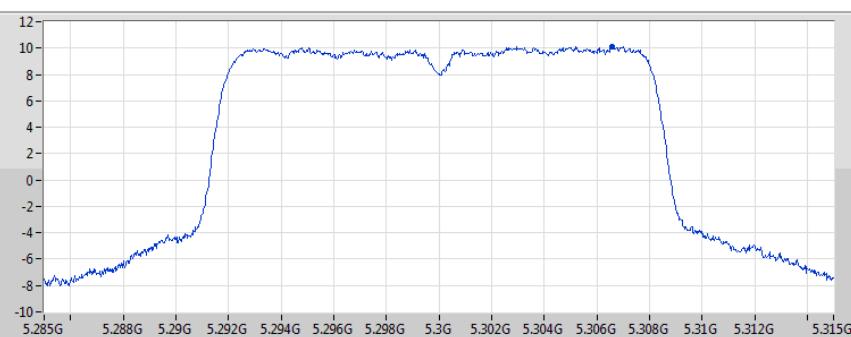
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.96	10.96	10.96

802.11a_(6Mbps)_1TX

PSD

5300MHz

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



Port 1

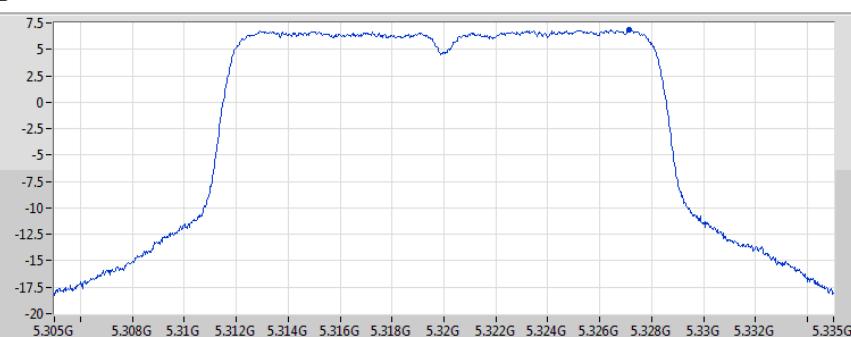
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.14	10.14	10.14

802.11a_(6Mbps)_1TX

PSD

5320MHz

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

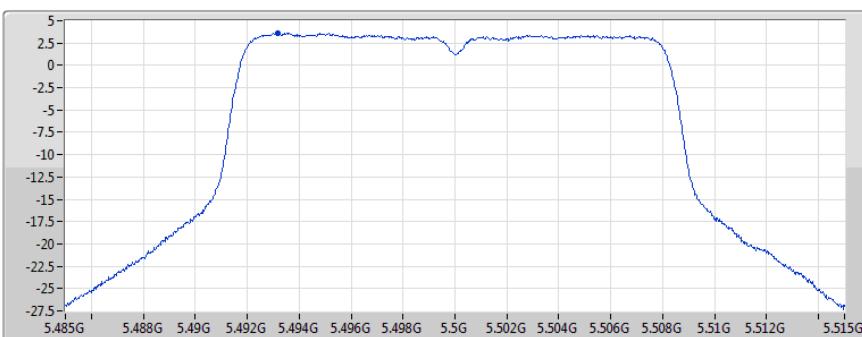


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.86	6.86	6.86

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

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



Port 1

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

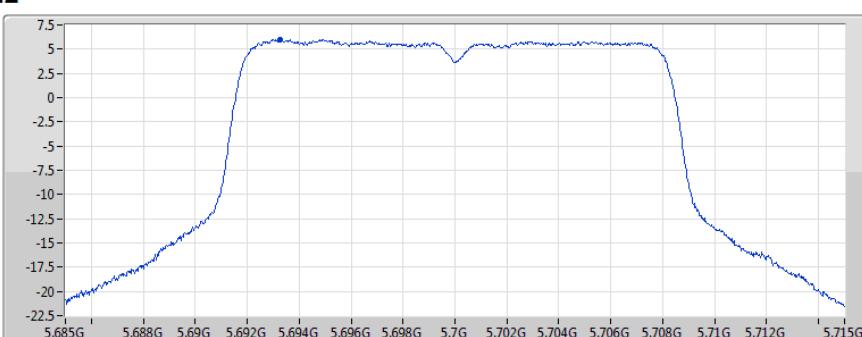
Ch Freq
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

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

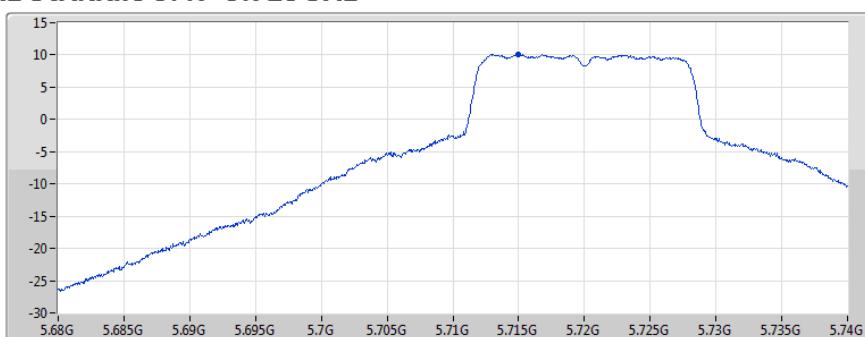
Ch Freq
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

**802.11a_(6Mbps)_1TX****PSD****5720MHz Straddle 5.47-5.725GHz**

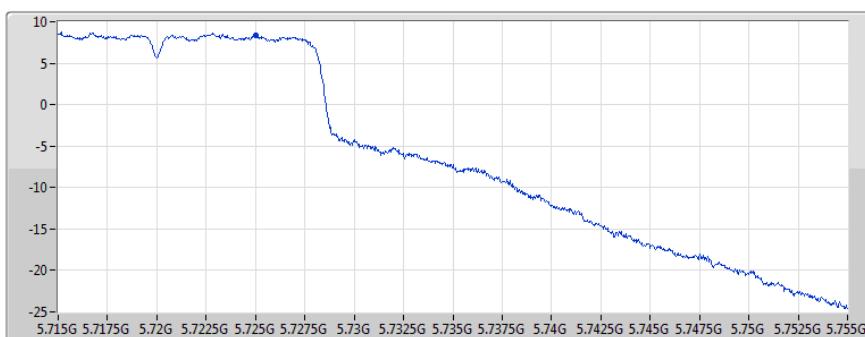
Ch Freq
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.07	10.07	10.07

802.11a_(6Mbps)_1TX**PSD****5720MHz Straddle 5.725-5.85GHz**

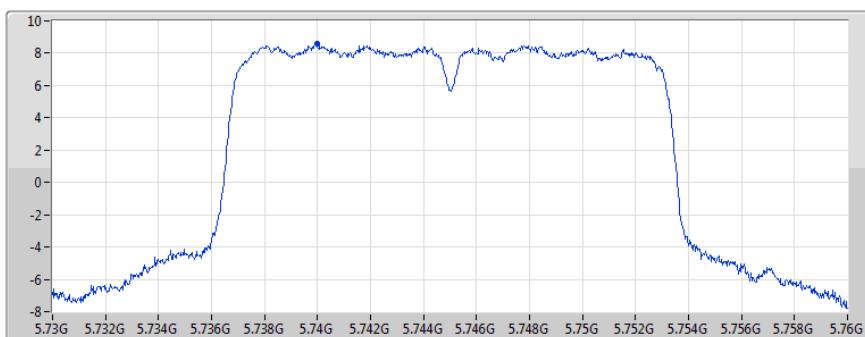
Ch Freq
5.735GHz
Span
40MHz
RBW
500KHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.30	8.30	8.30

802.11a_(6Mbps)_1TX**PSD****5745MHz**

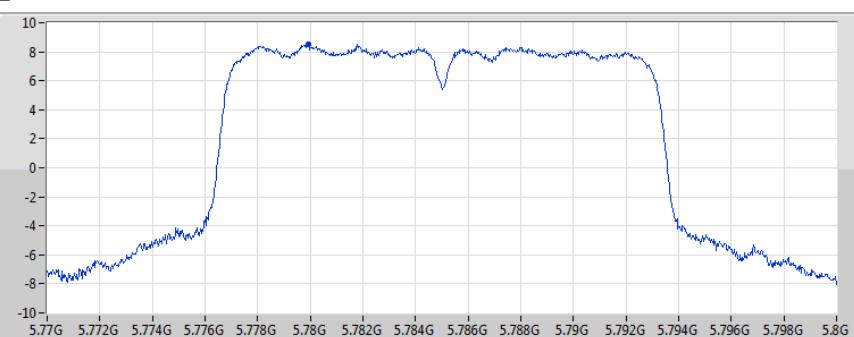
Ch Freq
5.745GHz
Span
30MHz
RBW
500KHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.63	8.63	8.63

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

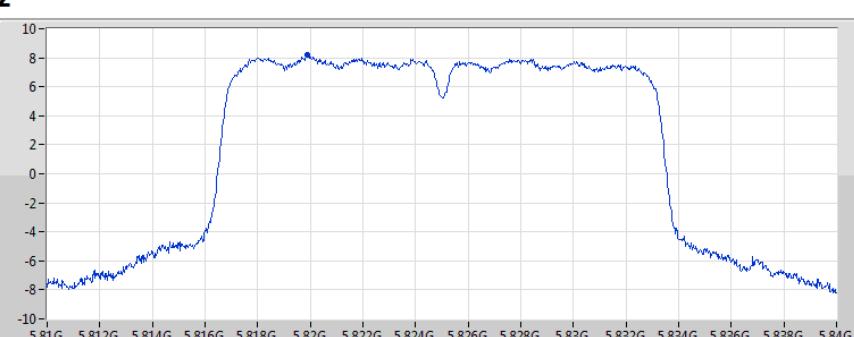
Ch Freq
5.785GHz
Span
30MHz
RBW
500KHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

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

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



Port 1

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

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



Port 1

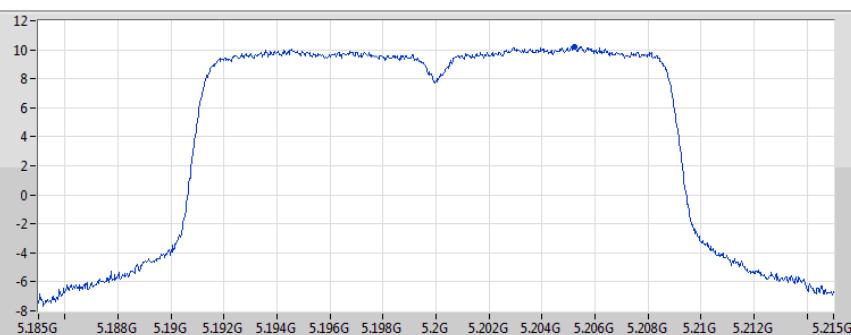
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.52	8.52	8.52

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

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.42	7.42	7.42

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5200MHz**

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

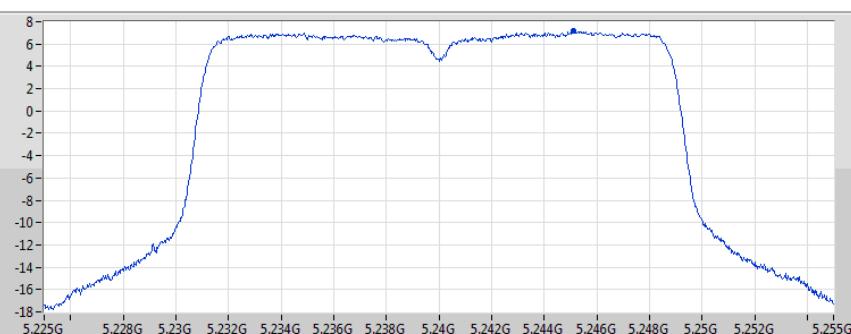


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.23	10.23	10.23

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5240MHz**

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

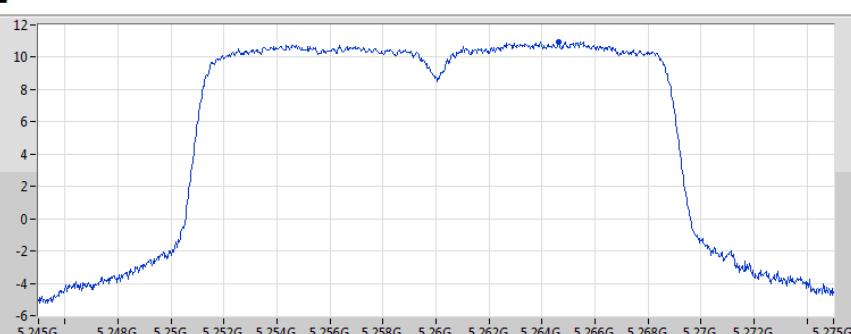


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.15	7.15	7.15

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5260MHz**

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

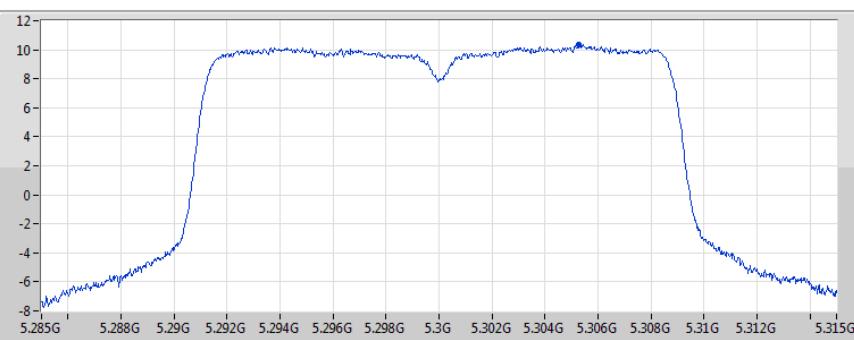


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.94	10.94	10.94

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5300MHz**

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

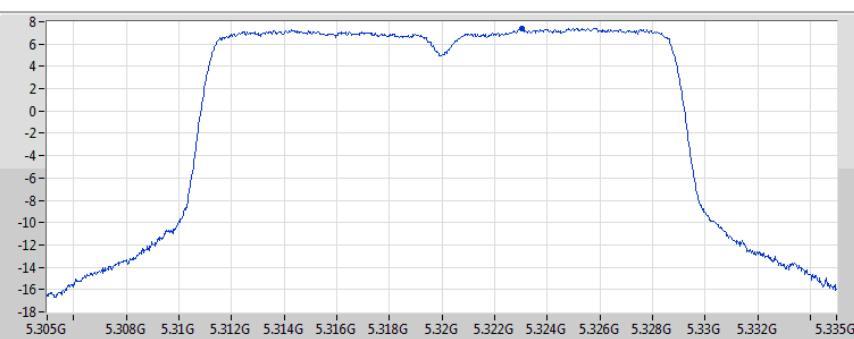


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.37	10.37	10.37

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5320MHz**

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

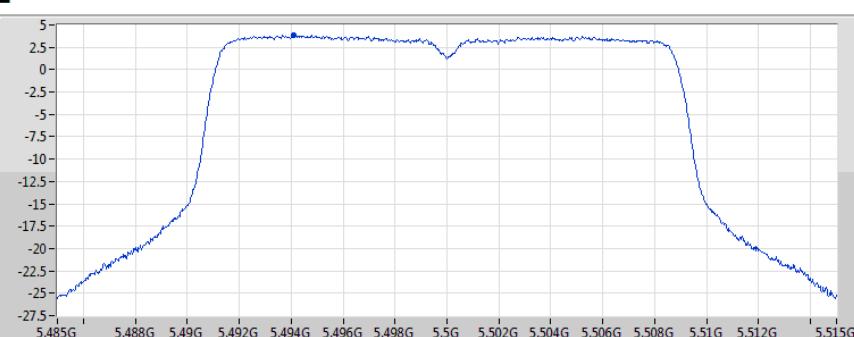


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.44	7.44	7.44

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5500MHz**

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

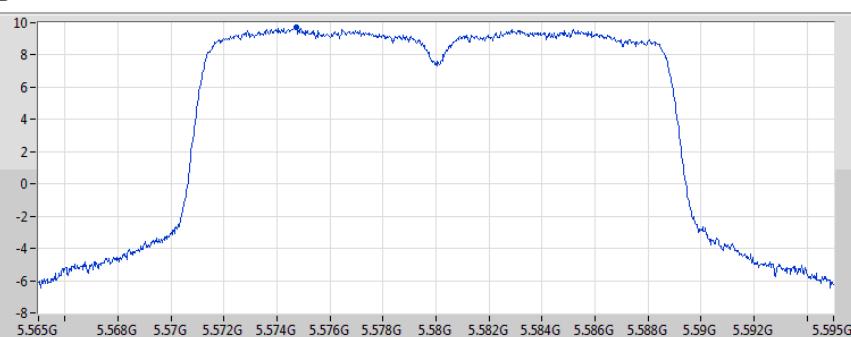


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.85	3.85	3.85

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5580MHz**

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

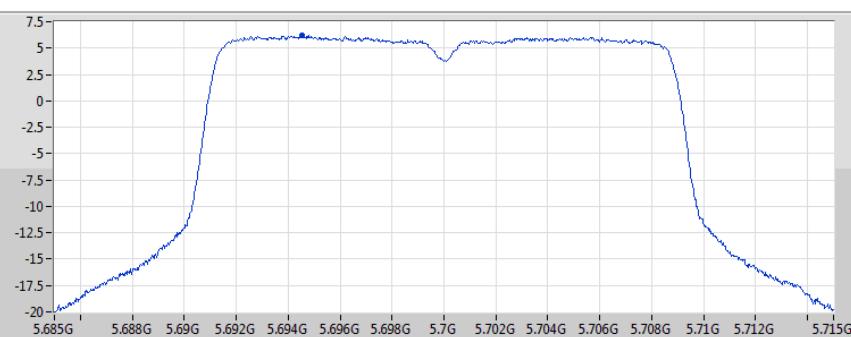


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.69	9.69	9.69

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5700MHz**

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

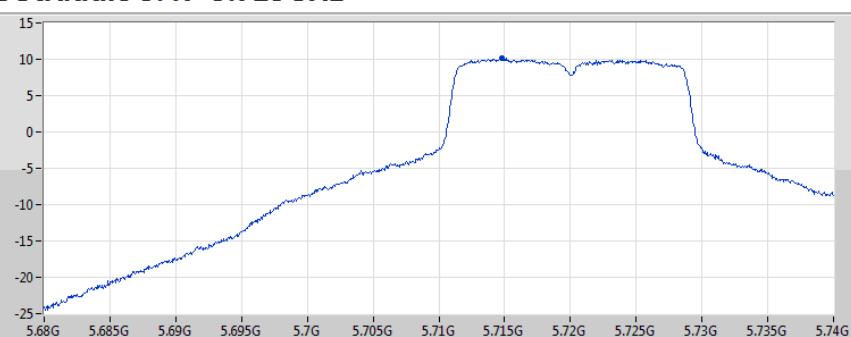


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.17	6.17	6.17

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

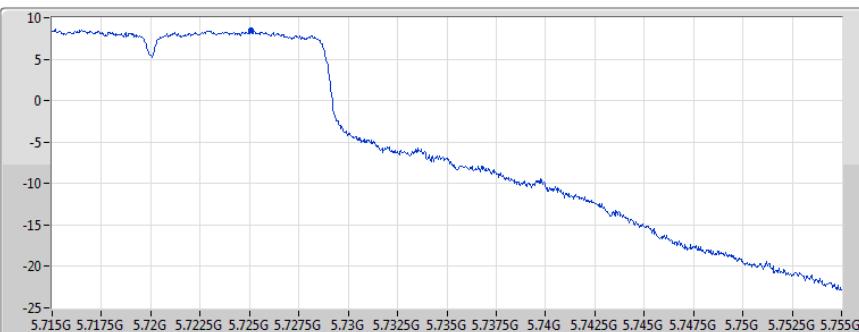


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.20	10.20	10.20

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

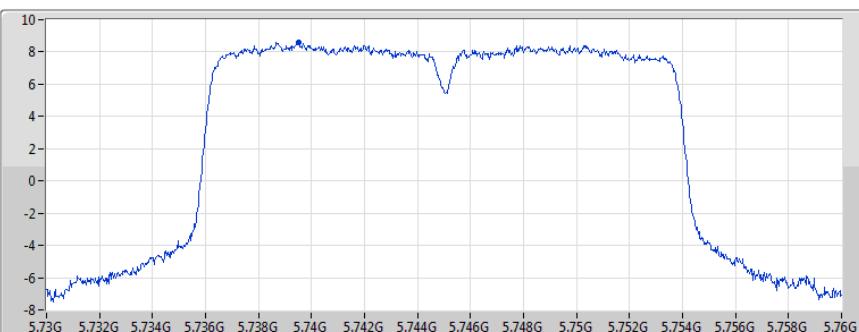
Ch Freq
5.735GHz
Span
40MHz
RBW
500KHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



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

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

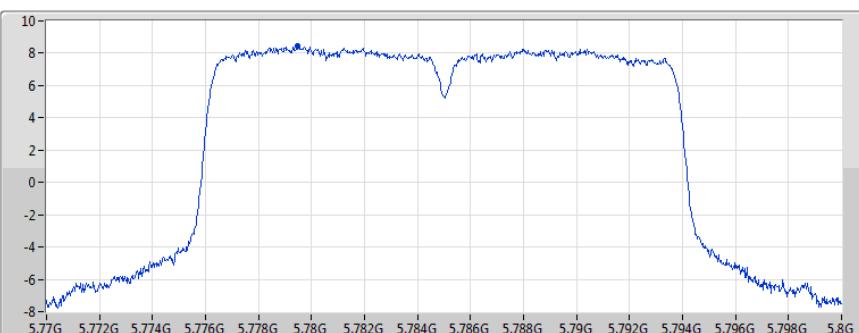
Ch Freq
5.745GHz
Span
30MHz
RBW
500KHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.60	8.60	8.60

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

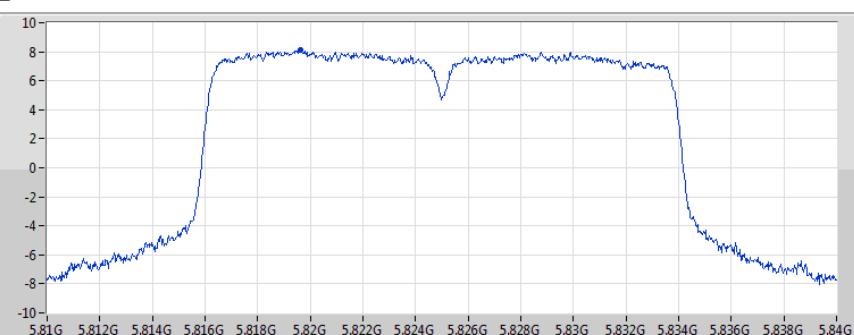
Ch Freq
5.785GHz
Span
30MHz
RBW
500KHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.46	8.46	8.46

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5825MHz**

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

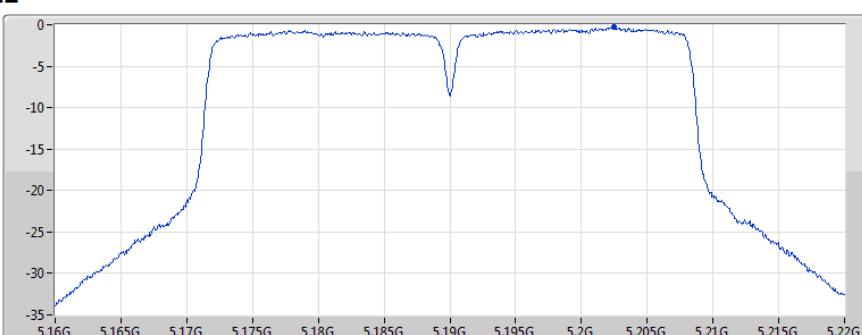


Port 1

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

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5190MHz**

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

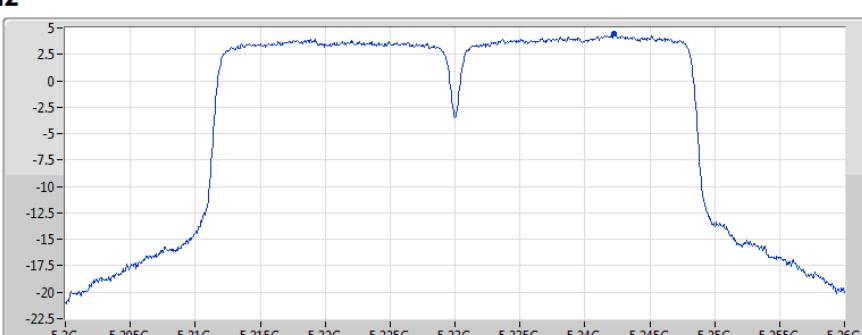


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.33	-0.33	-0.33

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5230MHz**

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

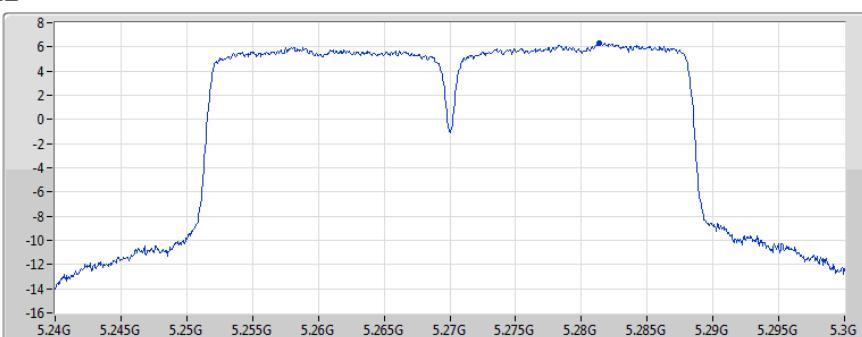


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.48	4.48	4.48

**802.11ac VHT40_Nss1,(MCS0)_1TX****PSD****5270MHz**

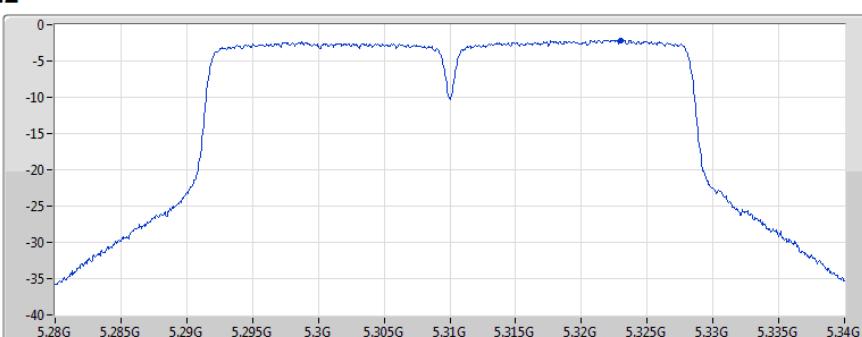
Ch Freq
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



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

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5310MHz**

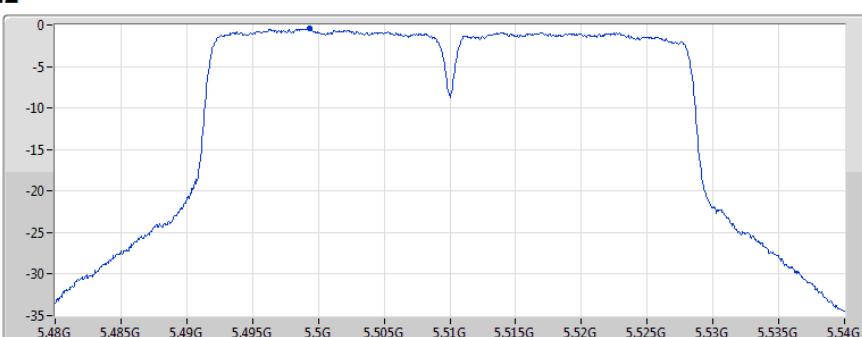
Ch Freq
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.11	-2.11	-2.11

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5510MHz**

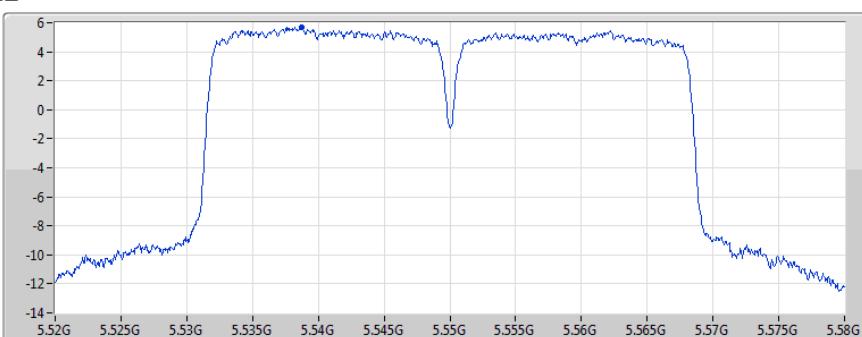
Ch Freq
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.46	-0.46	-0.46

**802.11ac VHT40_Nss1,(MCS0)_1TX****PSD****5550MHz**

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.67	5.67	5.67

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5670MHz**

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

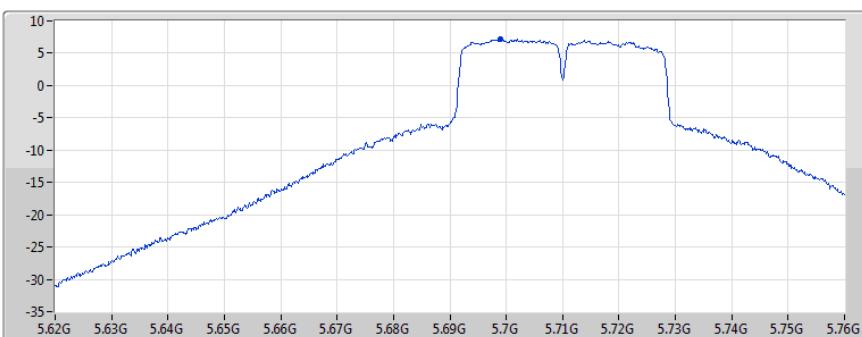


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.74	5.74	5.74

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.22	7.22	7.22

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

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

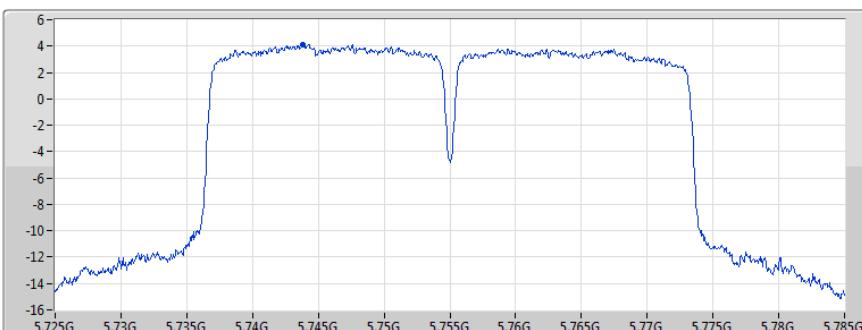


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.39	4.39	4.39

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

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

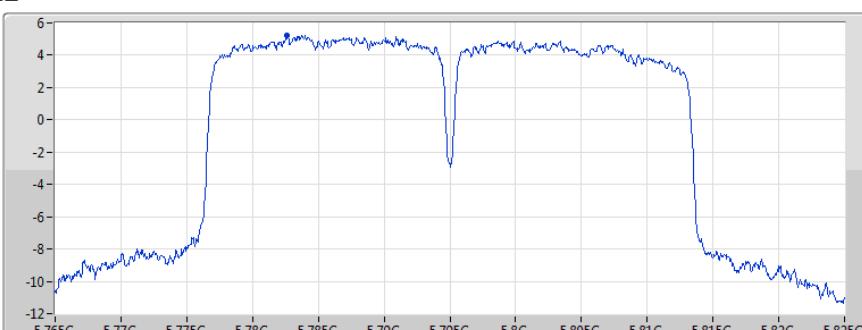


Port 1

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

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

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

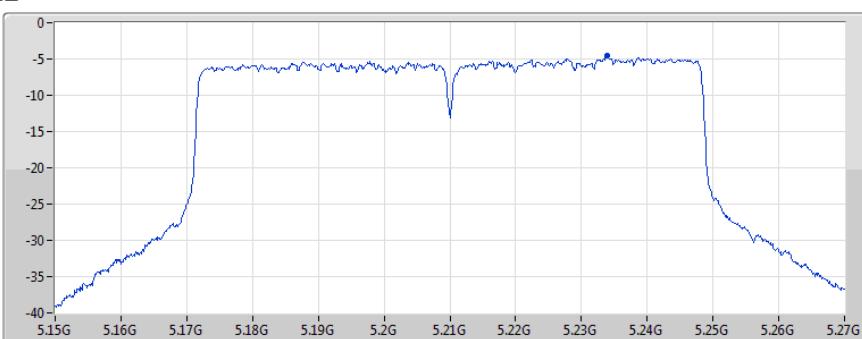


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.26	5.26	5.26

**802.11ac VHT80_Nss1,(MCS0)_1TX****PSD****5210MHz**

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

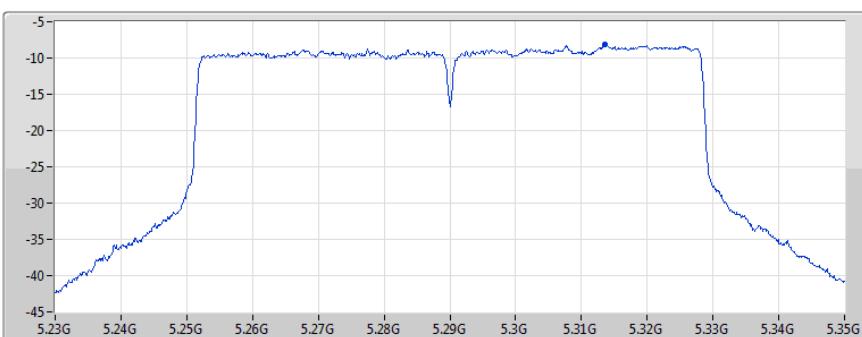


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.60	-4.60	-4.60

802.11ac VHT80_Nss1,(MCS0)_1TX**PSD****5290MHz**

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.17	-8.17	-8.17

802.11ac VHT80_Nss1,(MCS0)_1TX**PSD****5530MHz**

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.05	-5.05	-5.05

**802.11ac VHT80_Nss1,(MCS0)_1TX****PSD****5610MHz**

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



Port 1

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

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.49	4.49	4.49

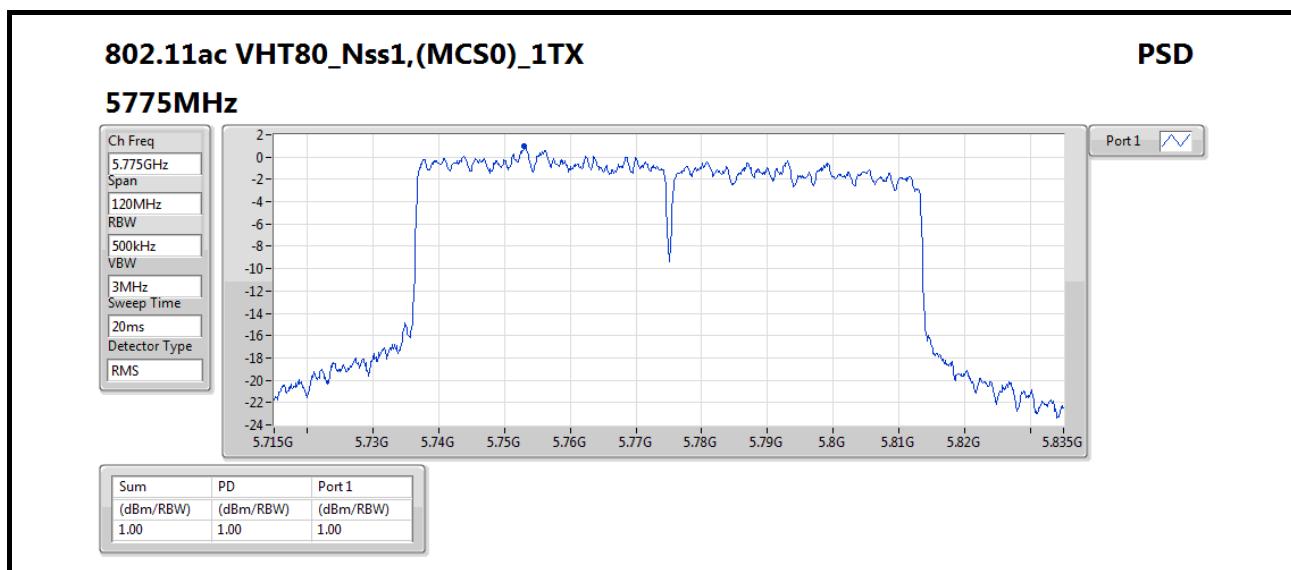
802.11ac VHT80_Nss1,(MCS0)_1TX**PSD****5690MHz Straddle 5.725-5.85GHz**

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.83	0.83	0.83





For set 6 antenna

Summary

Mode	PD (dBm/RBW)
802.11a_(6Mbps)_1TX	-
5.15-5.25GHz	10.21
5.25-5.35GHz	10.96
5.47-5.725GHz	10.07
5.725-5.85GHz	8.63
802.11ac VHT20_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	10.23
5.25-5.35GHz	10.94
5.47-5.725GHz	10.20
5.725-5.85GHz	8.60
802.11ac VHT40_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	4.48
5.25-5.35GHz	6.61
5.47-5.725GHz	7.22
5.725-5.85GHz	5.26
802.11ac VHT80_Nss1,(MCS0)_1TX	-
5.15-5.25GHz	-3.26
5.25-5.35GHz	-4.95
5.47-5.725GHz	4.65
5.725-5.85GHz	1.00

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	3.12	8.01	8.01	17.00
5200MHz	Pass	3.12	10.21	10.21	17.00
5240MHz	Pass	3.12	6.98	6.98	17.00
5260MHz	Pass	3.12	10.96	10.96	11.00
5300MHz	Pass	3.12	10.34	10.34	11.00
5320MHz	Pass	3.12	7.80	7.80	11.00
5500MHz	Pass	3.12	7.16	7.16	11.00
5580MHz	Pass	3.12	9.85	9.85	11.00
5700MHz	Pass	3.12	5.99	5.99	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.12	10.07	10.07	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.12	8.30	8.30	30.00
5745MHz	Pass	3.12	8.63	8.63	30.00
5785MHz	Pass	3.12	8.52	8.52	30.00
5825MHz	Pass	3.12	8.16	8.16	30.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	3.12	7.91	7.91	17.00
5200MHz	Pass	3.12	10.23	10.23	17.00
5240MHz	Pass	3.12	7.15	7.15	17.00
5260MHz	Pass	3.12	10.94	10.94	11.00
5300MHz	Pass	3.12	10.08	10.08	11.00
5320MHz	Pass	3.12	7.73	7.73	11.00
5500MHz	Pass	3.12	6.84	6.84	11.00
5580MHz	Pass	3.12	9.69	9.69	11.00
5700MHz	Pass	3.12	6.17	6.17	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.12	10.20	10.20	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.12	8.48	8.48	30.00
5745MHz	Pass	3.12	8.60	8.60	30.00
5785MHz	Pass	3.12	8.46	8.46	30.00
5825MHz	Pass	3.12	8.16	8.16	30.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	3.12	0.02	0.02	17.00
5230MHz	Pass	3.12	4.48	4.48	17.00
5270MHz	Pass	3.12	6.61	6.61	11.00
5310MHz	Pass	3.12	-0.12	-0.12	11.00
5510MHz	Pass	3.12	0.56	0.56	11.00
5550MHz	Pass	3.12	5.65	5.65	11.00
5670MHz	Pass	3.12	5.75	5.75	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.12	7.22	7.22	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.12	4.39	4.39	30.00
5755MHz	Pass	3.12	4.13	4.13	30.00
5795MHz	Pass	3.12	5.26	5.26	30.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	3.12	-3.26	-3.26	17.00



FCC Test Report

Report No. : FR760624AB

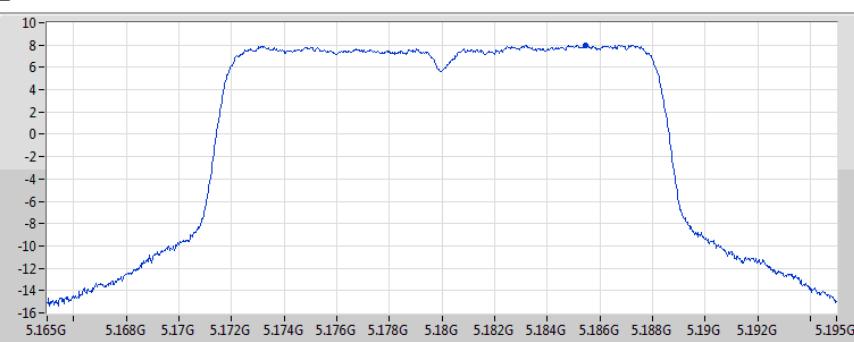
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5290MHz	Pass	3.12	-4.95	-4.95	11.00
5530MHz	Pass	3.12	-3.75	-3.75	11.00
5610MHz	Pass	3.12	3.25	3.25	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.12	4.65	4.65	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.12	0.95	0.95	30.00
5775MHz	Pass	3.12	1.00	1.00	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**

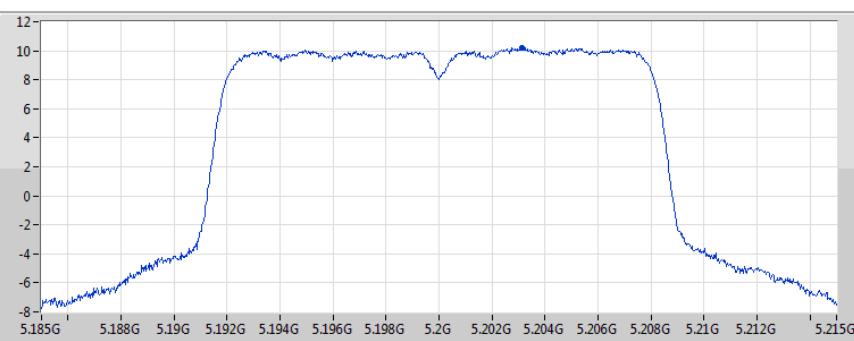
Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.01	8.01	8.01

802.11a_(6Mbps)_1TX**PSD****5200MHz**

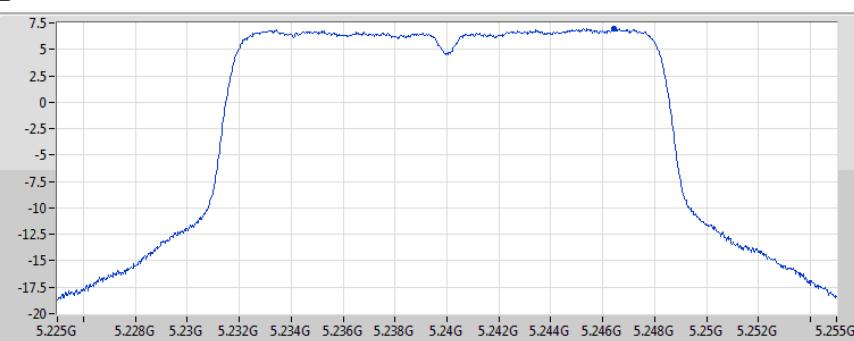
Ch Freq
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.21	10.21	10.21

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)
6.98	6.98	6.98

**802.11a_(6Mbps)_1TX****PSD****5260MHz**

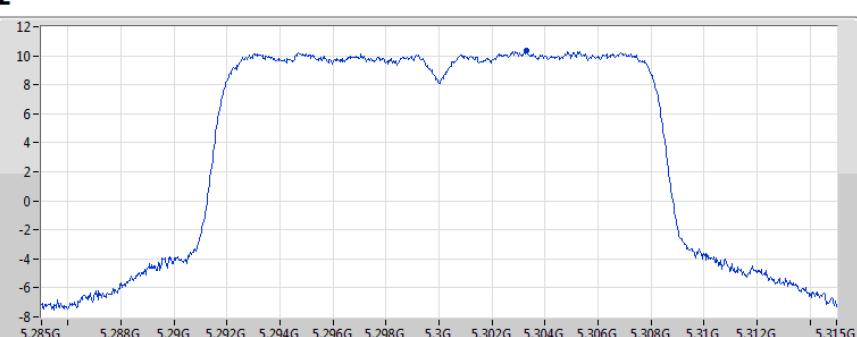
Ch Freq
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

802.11a_(6Mbps)_1TX**PSD****5300MHz**

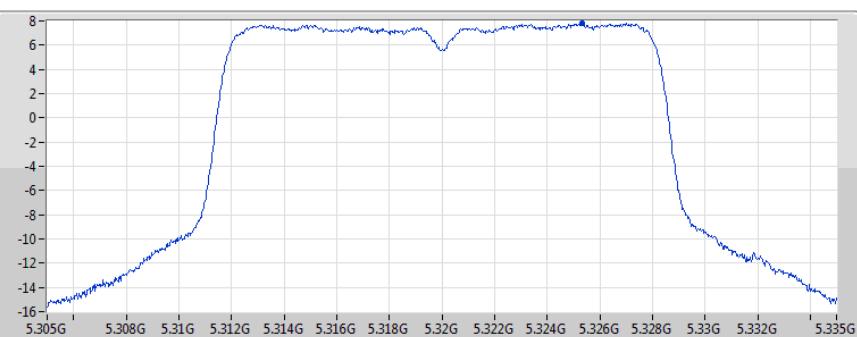
Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

802.11a_(6Mbps)_1TX**PSD****5320MHz**

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



Port 1

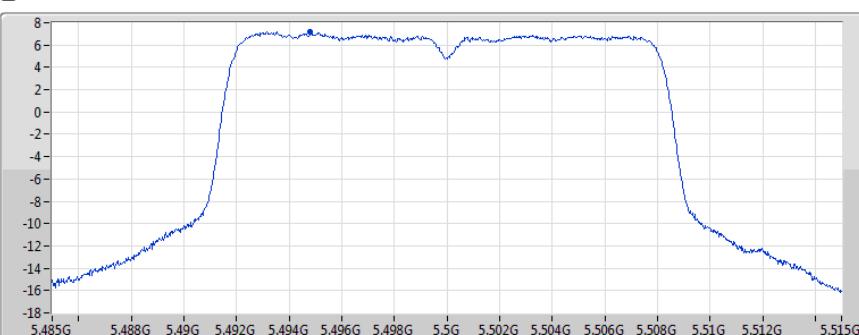
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.96	10.96	10.96

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.34	10.34	10.34

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.80	7.80	7.80

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

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



Port 1

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

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



Port 1

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

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



Port 1

SPORTON INTERNATIONAL INC.

Page No. : 941 of 3439

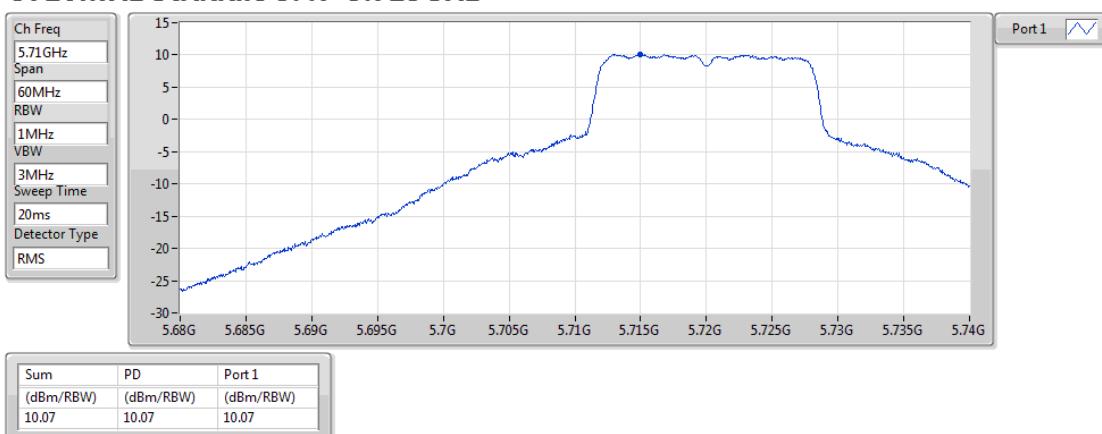
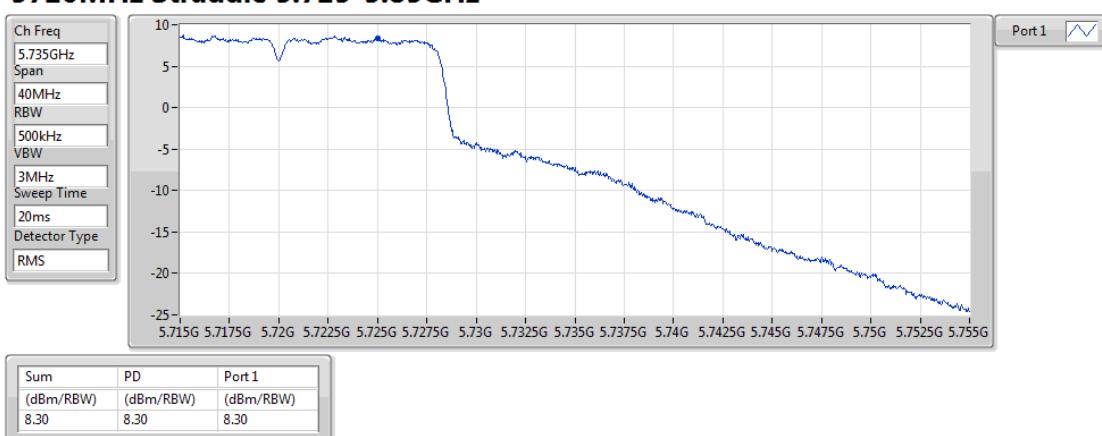
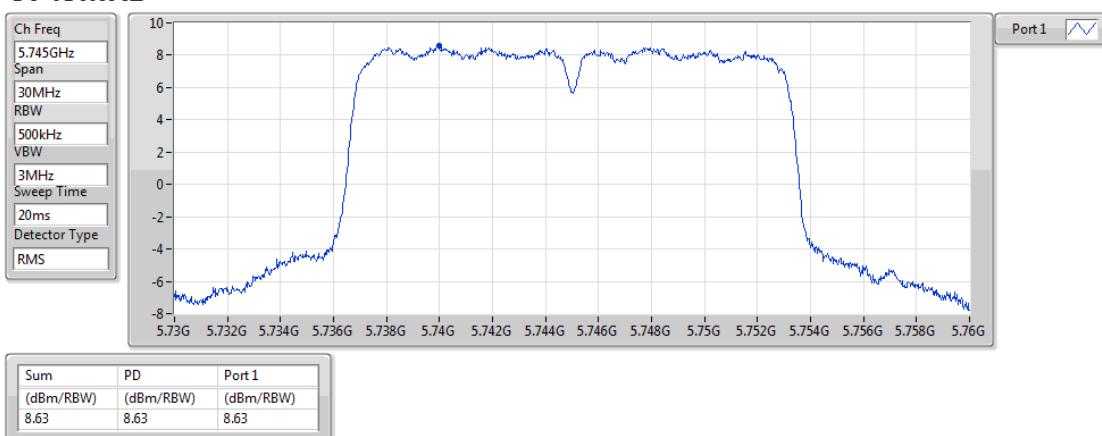
TEL : 886-3-3273456

Report Version : Rev. 02

FAX : 886-3-3270973

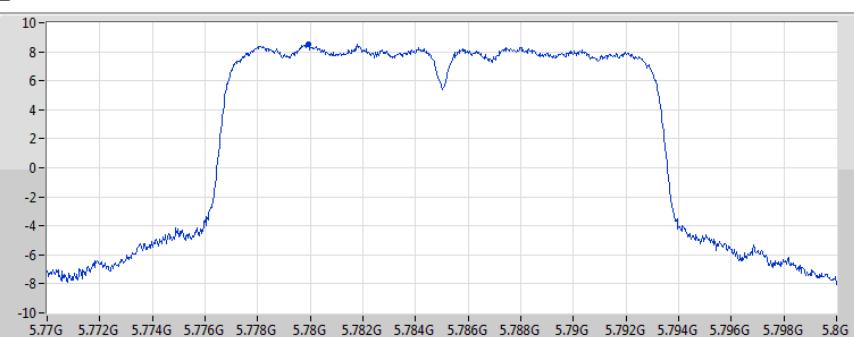
Issued Date : Oct. 25, 2017

FCC ID: UDX-60064010

**802.11a_(6Mbps)_1TX****PSD****5720MHz Straddle 5.47-5.725GHz****802.11a_(6Mbps)_1TX****PSD****5720MHz Straddle 5.725-5.85GHz****802.11a_(6Mbps)_1TX****PSD****5745MHz**

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

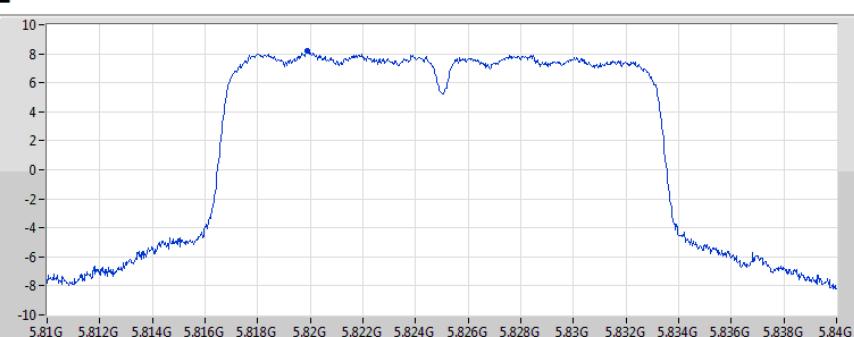
Ch Freq
5.785GHz
Span
30MHz
RBW
500KHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



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

PSD**5825MHz**

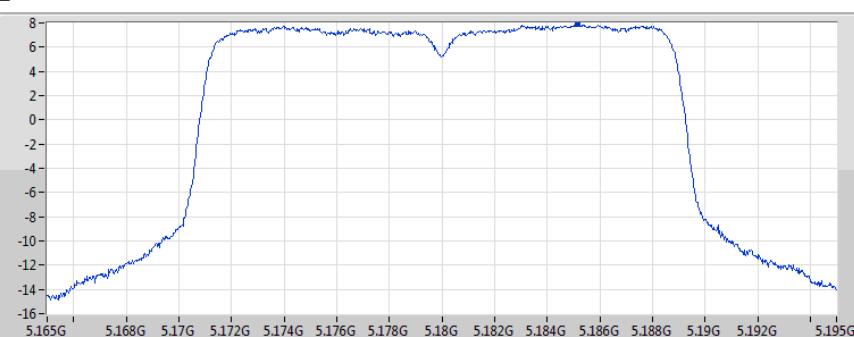
Ch Freq
5.825GHz
Span
30MHz
RBW
500KHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



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

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

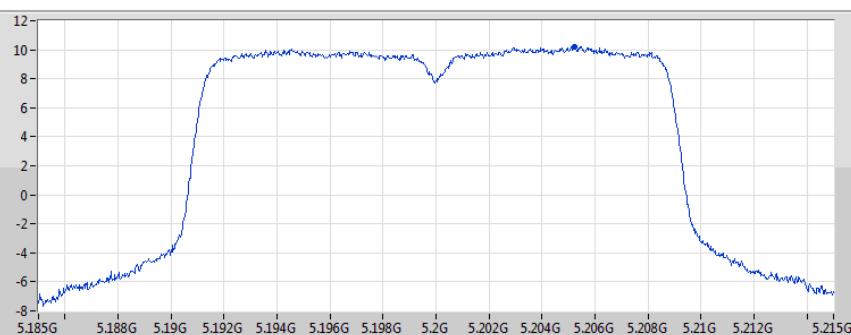
Ch Freq
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.91	7.91	7.91

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5200MHz**

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

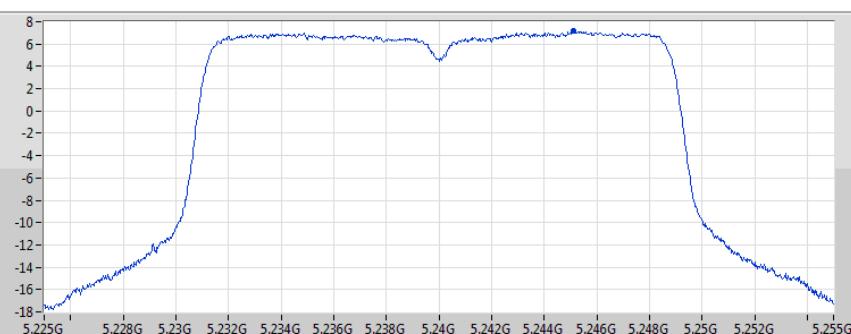


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.23	10.23	10.23

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5240MHz**

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

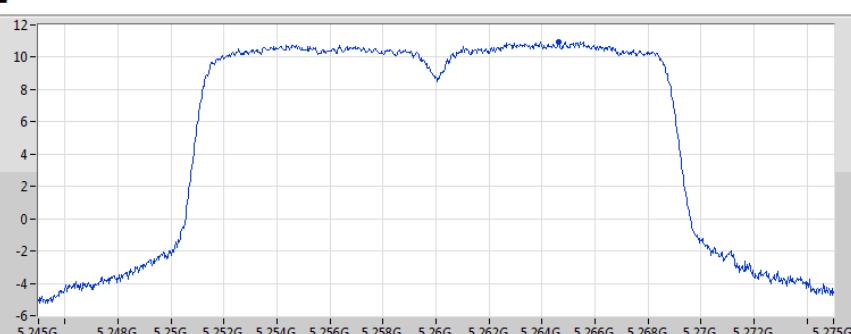


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.15	7.15	7.15

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5260MHz**

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

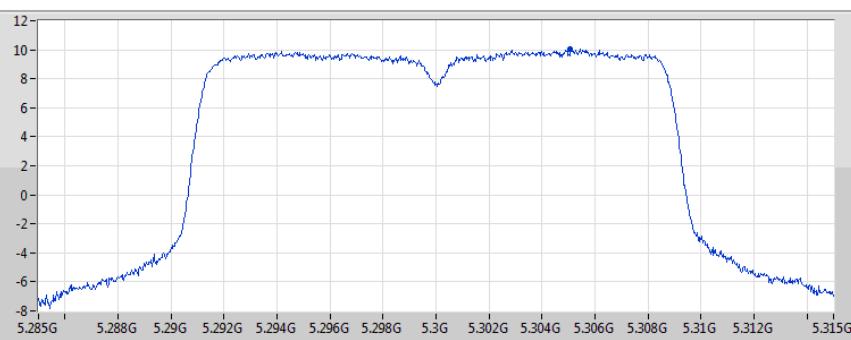


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.94	10.94	10.94

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5300MHz**

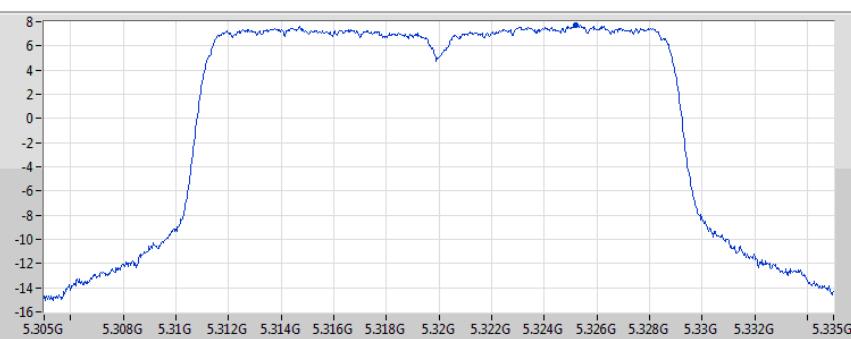
Ch Freq
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.08	10.08	10.08

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5320MHz**

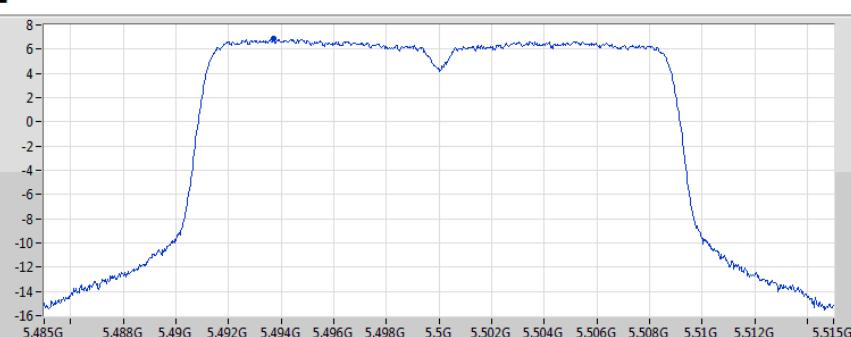
Ch Freq
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.73	7.73	7.73

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5500MHz**

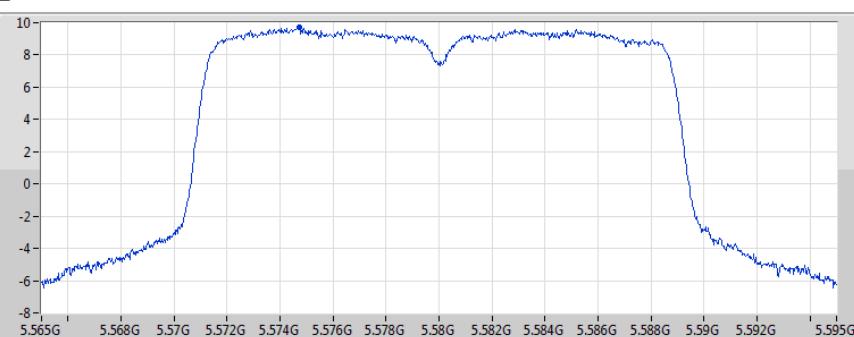
Ch Freq
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.84	6.84	6.84

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5580MHz**

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

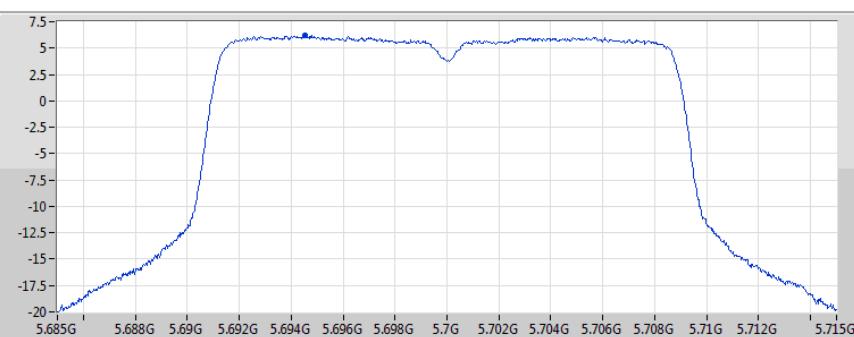


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.69	9.69	9.69

802.11ac VHT20_Nss1,(MCS0)_1TX**PSD****5700MHz**

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

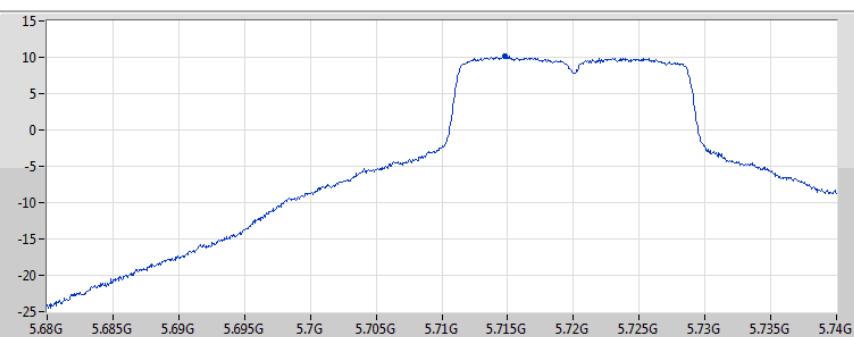


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.17	6.17	6.17

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

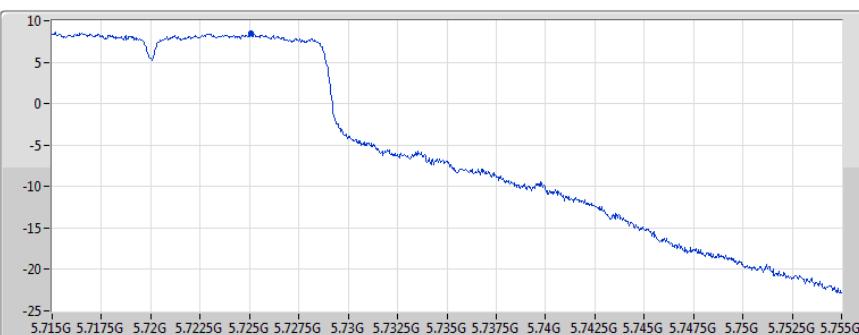


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.20	10.20	10.20

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

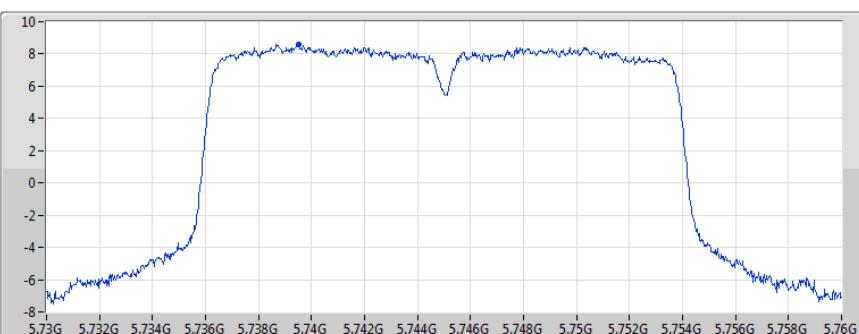
Ch Freq
5.735GHz
Span
40MHz
RBW
500KHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



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

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

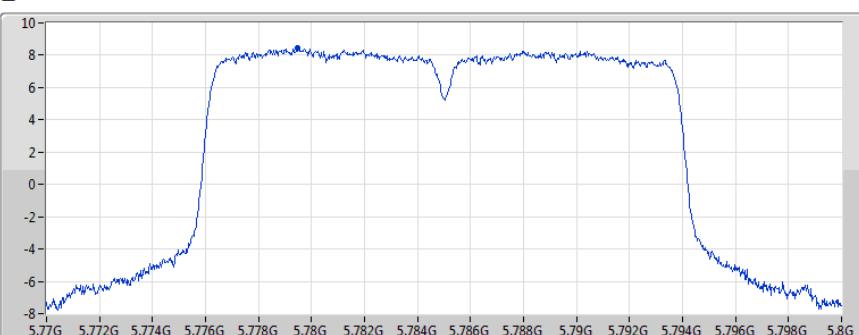
Ch Freq
5.745GHz
Span
30MHz
RBW
500KHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.60	8.60	8.60

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

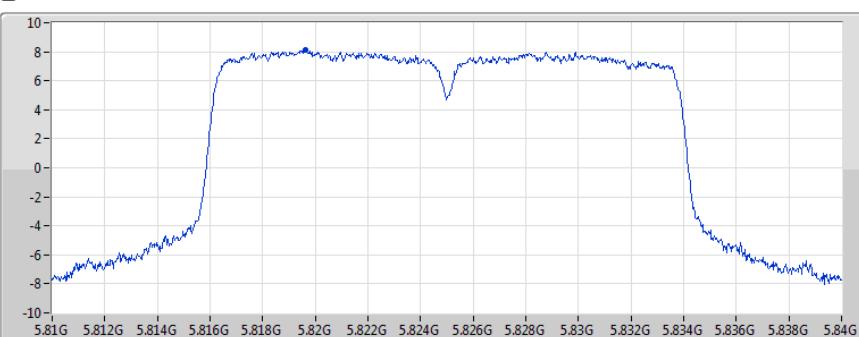
Ch Freq
5.785GHz
Span
30MHz
RBW
500KHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.46	8.46	8.46

**802.11ac VHT20_Nss1,(MCS0)_1TX****PSD****5825MHz**

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

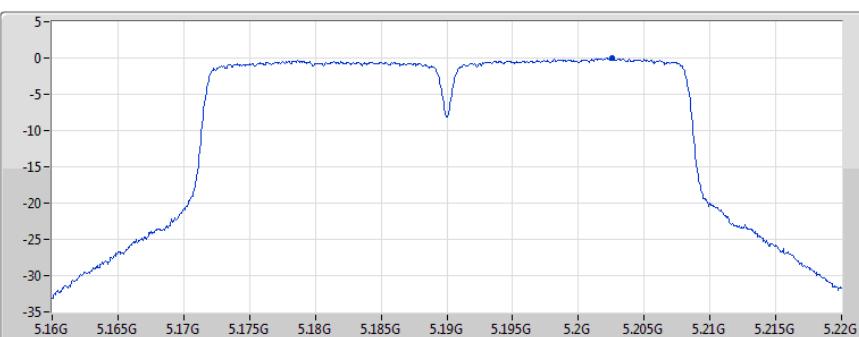


Port 1

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

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5190MHz**

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

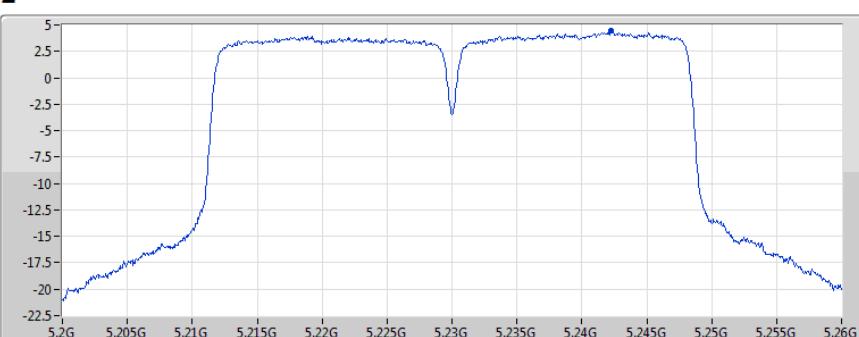


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.02	0.02	0.02

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5230MHz**

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

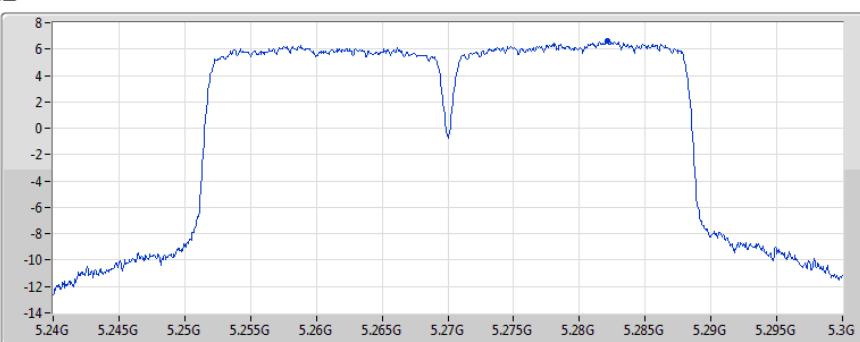


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.48	4.48	4.48

**802.11ac VHT40_Nss1,(MCS0)_1TX****PSD****5270MHz**

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



Port 1

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

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5310MHz**

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

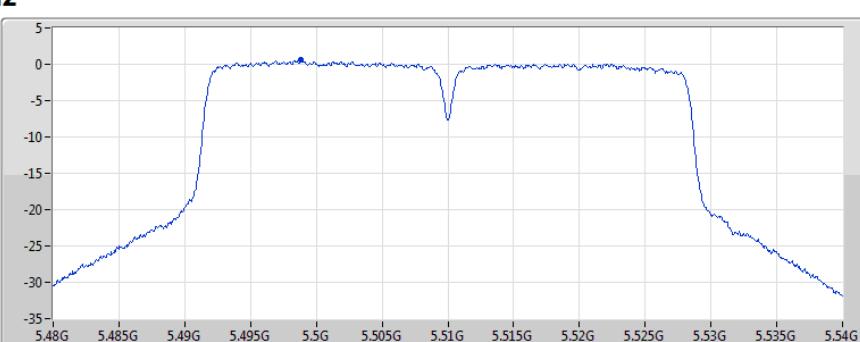


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.12	-0.12	-0.12

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5510MHz**

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.56	0.56	0.56

**802.11ac VHT40_Nss1,(MCS0)_1TX****PSD****5550MHz**

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



Port 1

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

802.11ac VHT40_Nss1,(MCS0)_1TX**PSD****5670MHz**

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

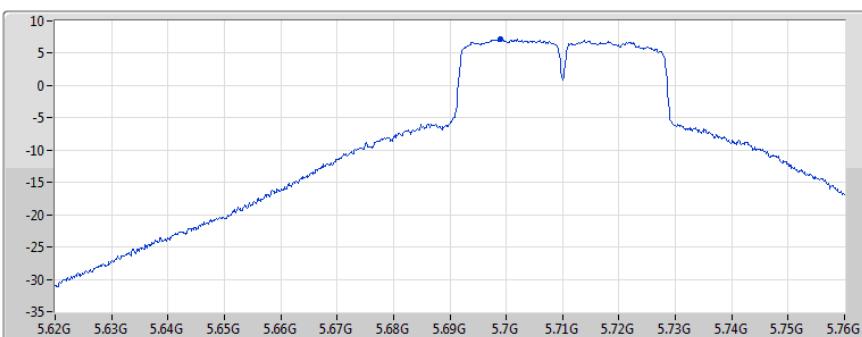


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.75	5.75	5.75

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.22	7.22	7.22

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

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.39	4.39	4.39

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

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

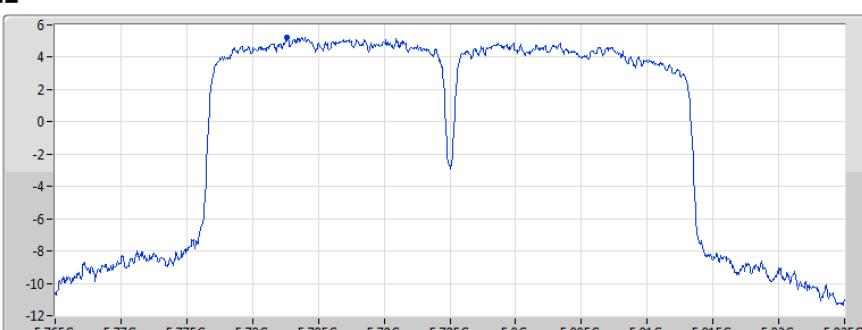


Port 1

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

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

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

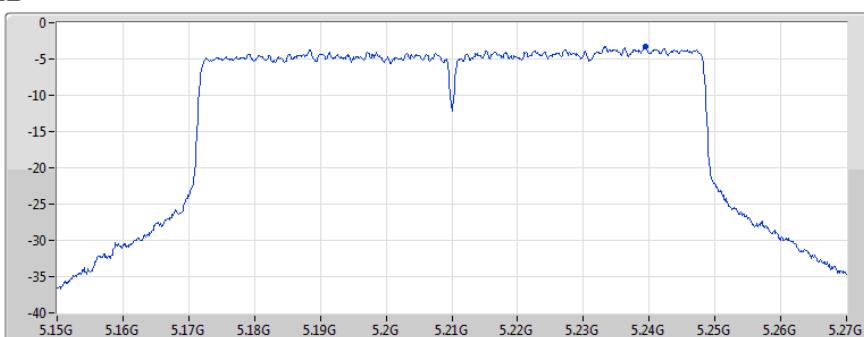


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.26	5.26	5.26

**802.11ac VHT80_Nss1,(MCS0)_1TX****PSD****5210MHz**

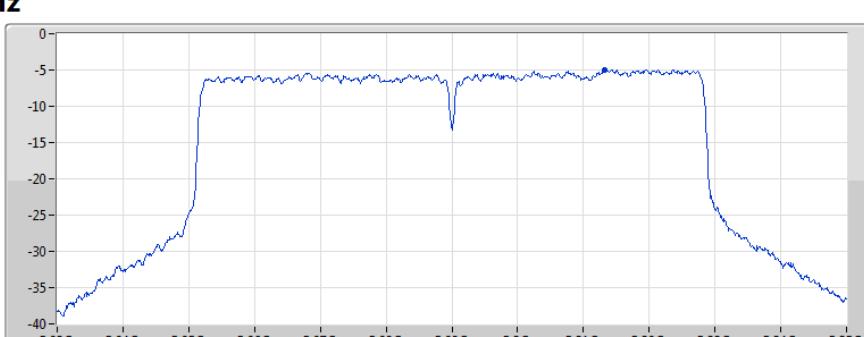
Ch Freq
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1

802.11ac VHT80_Nss1,(MCS0)_1TX**PSD****5290MHz**

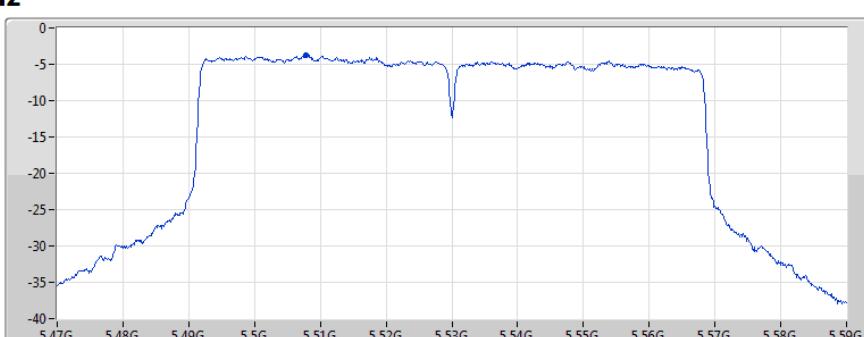
Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



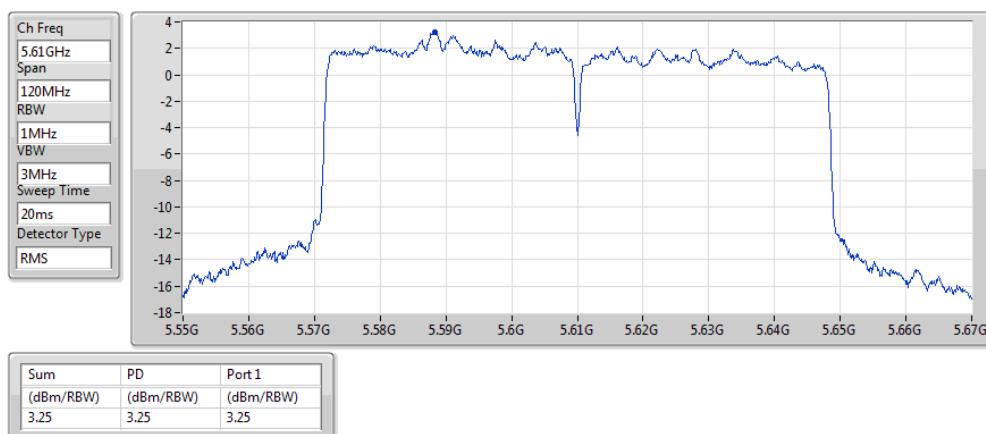
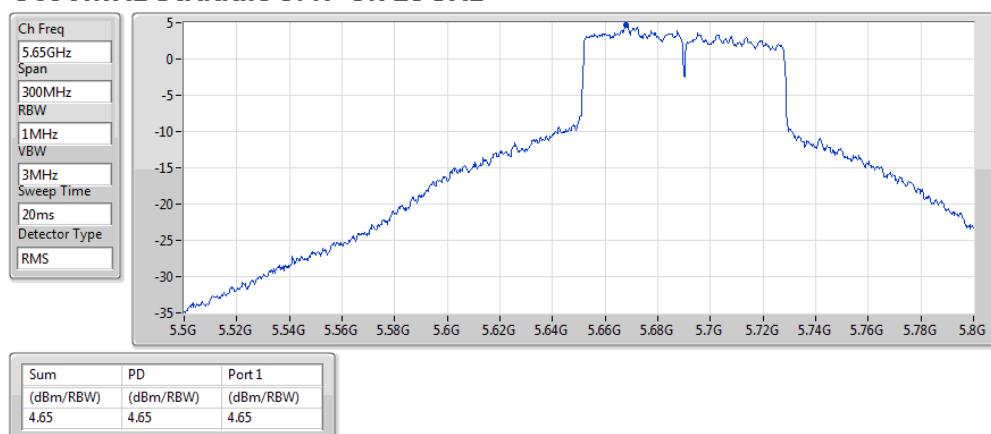
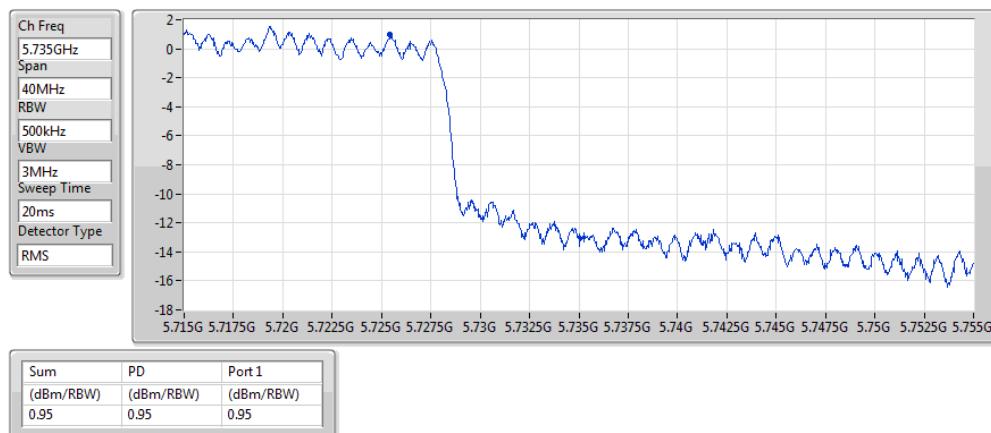
Port 1

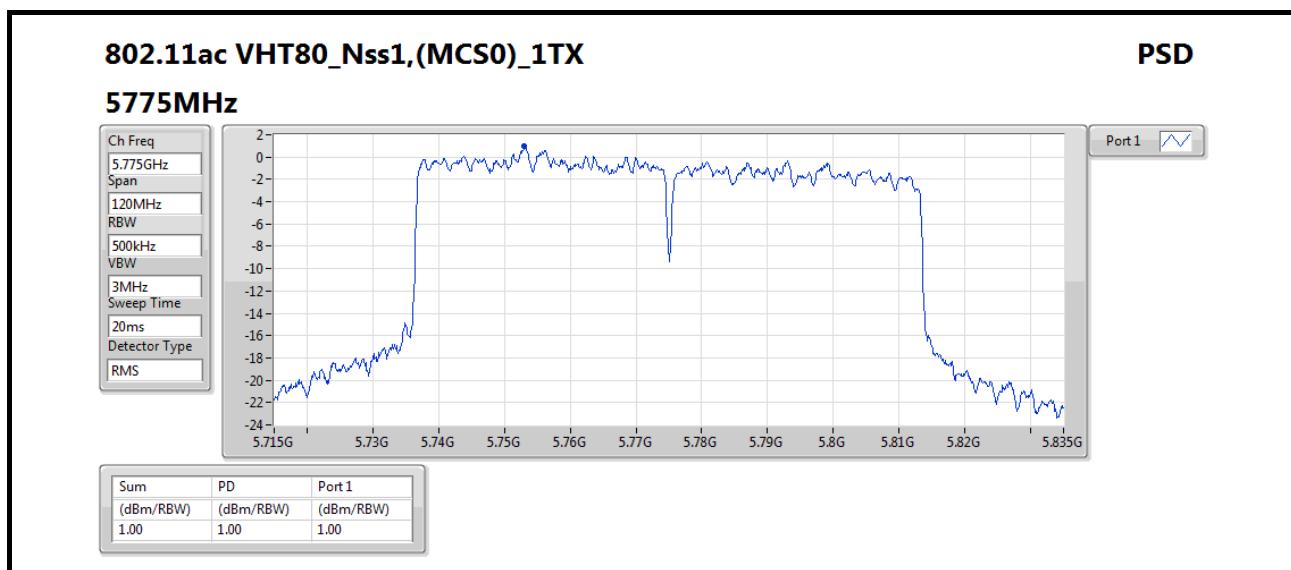
802.11ac VHT80_Nss1,(MCS0)_1TX**PSD****5530MHz**

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



Port 1

**802.11ac VHT80_Nss1,(MCS0)_1TX****PSD****5610MHz****802.11ac VHT80_Nss1,(MCS0)_1TX****PSD****5690MHz Straddle 5.47-5.725GHz****802.11ac VHT80_Nss1,(MCS0)_1TX****PSD****5690MHz Straddle 5.725-5.85GHz**



**For 80+80 Mode****For set 2 antenna / 4T2S****<For non-beamforming mode>****Summary**

Mode	PD (dBm/RBW)
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.15-5.25GHz	5.54
5.25-5.35GHz	4.92
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.25-5.35GHz	3.86
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.47-5.725GHz	5.24
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.47-5.725GHz	5.63
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-
5.47-5.725GHz	2.30
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.725-5.85GHz	3.83
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-
5.725-5.85GHz	3.41

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)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5210MHz,5530MHz	Pass	8.65	1.52	1.54			4.51	14.35
#5210MHz,5610MHz	Pass	8.65	2.50	2.57			5.54	14.35
#5210MHz,5690MHz	Pass	8.65	0.95	1.05			3.98	14.35
#5210MHz,5775MHz	Pass	8.65	2.56	2.51			5.50	14.35
#5210MHz,5290MHz	Pass	8.65	0.99	1.09			4.05	14.35
#5290MHz,5530MHz	Pass	8.65	1.15	1.20			4.00	8.35
#5290MHz,5610MHz	Pass	8.65	1.02	1.17			3.89	8.35
#5290MHz,5690MHz	Pass	8.65	1.33	1.63			4.46	8.35
#5290MHz,5775MHz	Pass	8.65	2.01	2.18			4.92	8.35
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	8.61			0.95	0.95	3.86	8.39
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5530MHz,5775MHz	Pass	8.65	1.64	2.07			4.83	8.35
#5610MHz,5775MHz	Pass	8.65	1.77	2.25			4.98	8.35
#5690MHz,#5775MHz Straddle 5.47-5.725GHz	Pass	8.65	2.22	2.23			5.24	8.35
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz,#5530MHz	Pass	8.61			1.62	1.88	4.76	8.39
5210MHz,#5610MHz	Pass	8.61			2.58	2.68	5.63	8.39
5210MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	8.61			1.08	0.74	3.92	8.39
5290MHz,#5530MHz	Pass	8.61			1.11	1.11	4.07	8.39
5290MHz,#5610MHz	Pass	8.61			1.18	1.02	4.08	8.39
5290MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	8.61			1.37	1.31	4.35	8.39
#5530MHz,#5610MHz	Pass	8.63	-1.29	-1.00	-0.98	-1.22	1.91	8.37
#5530MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	8.63	-0.81	-0.62	-0.59	-1.00	2.30	8.37
#5610MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	8.63	-1.45	-0.83	-1.16	-1.84	1.89	8.37
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	8.61			-2.93	-3.42	-0.16	27.39
5210MHz,#5775MHz	Pass	8.61			0.92	0.78	3.83	27.39
5290MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	8.61			-2.37	-2.89	0.34	27.39
5290MHz,#5775MHz	Pass	8.61			0.23	0.34	3.19	27.39
5530MHz,#5775MHz	Pass	8.61			0.27	0.27	3.22	27.39
5610MHz,#5775MHz	Pass	8.61			0.22	0.14	3.14	27.39
#5530MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	8.61			-4.23	-4.72	-1.48	27.39
#5610MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	8.61			-4.50	-4.36	-1.44	27.39
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5690MHz,#5775MHz Straddle 5.725-5.85GHz	Pass	8.63	-0.84	-0.27	0.56	0.46	3.41	27.37

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

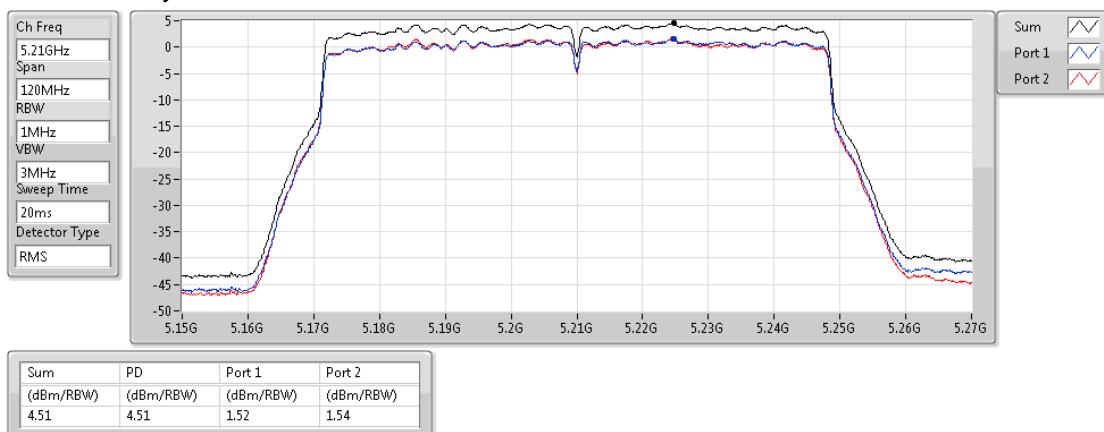
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

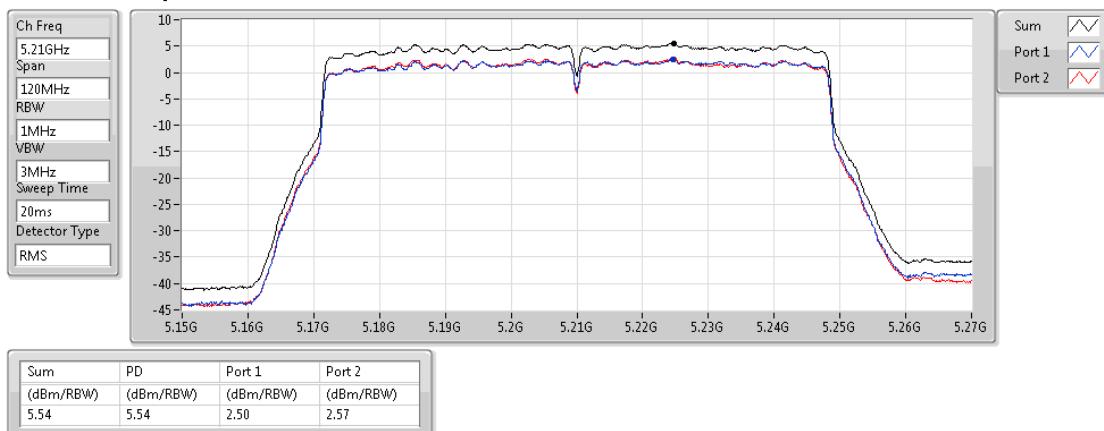
#5210MHz,5530MHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

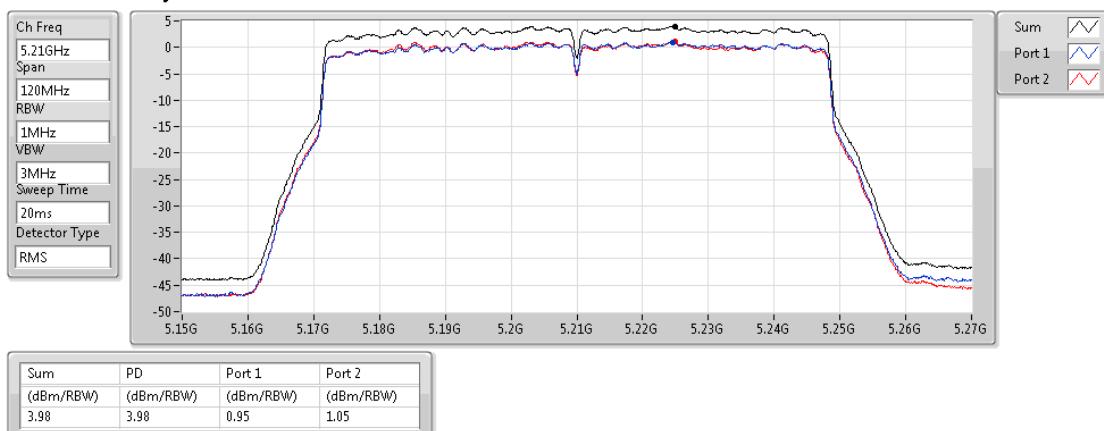
#5210MHz,5610MHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5210MHz,5690MHz

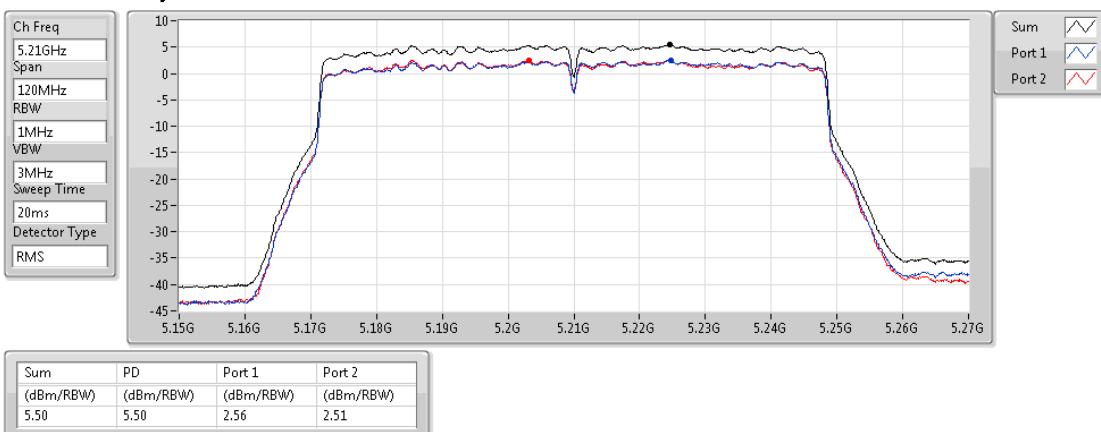




802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

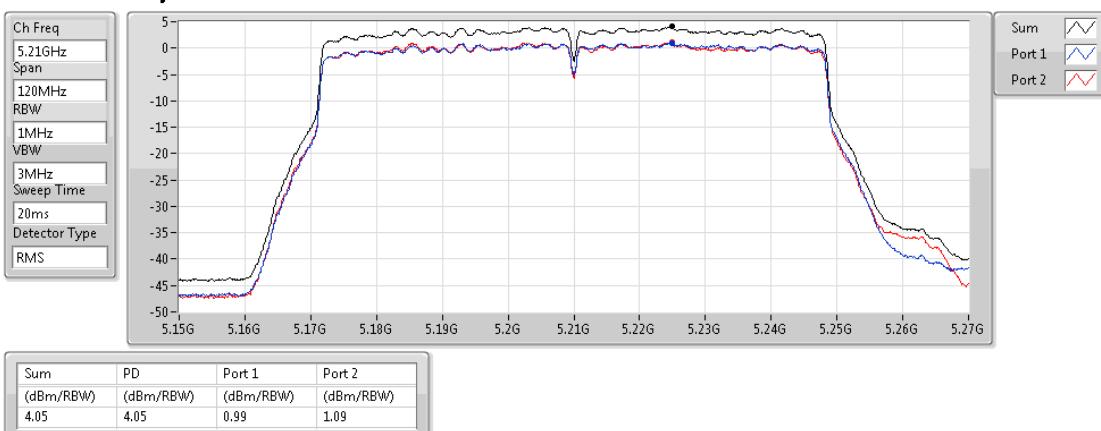
#5210MHz,5775MHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

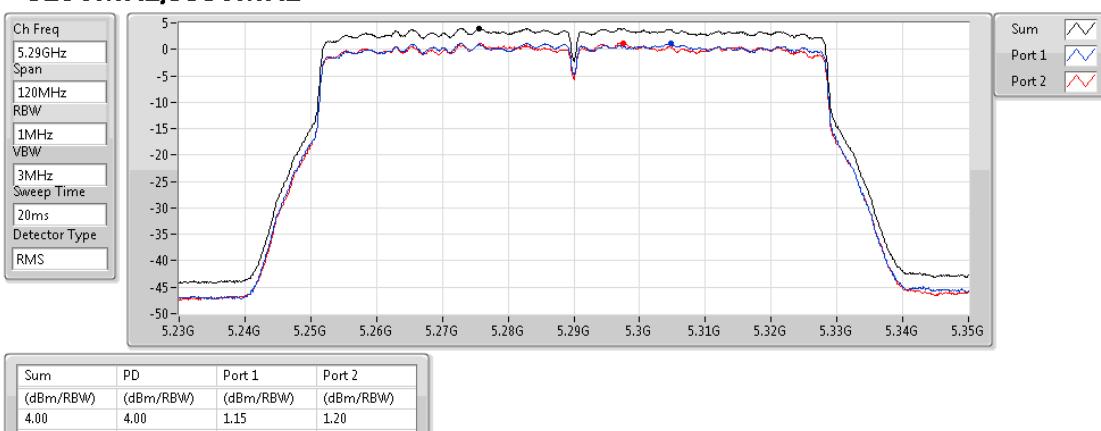
#5210MHz,5290MHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5290MHz,5530MHz



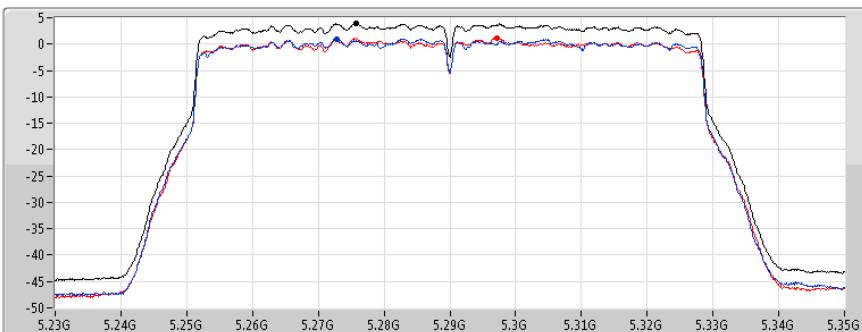


802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5290MHz,5610MHz

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



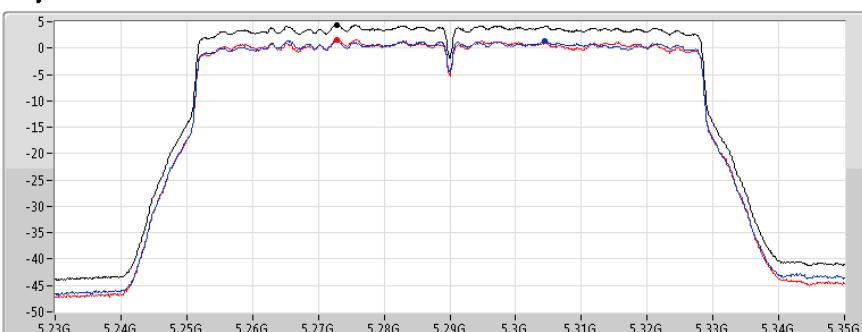
Sum
Port 1
Port 2

802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5290MHz,5690MHz

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



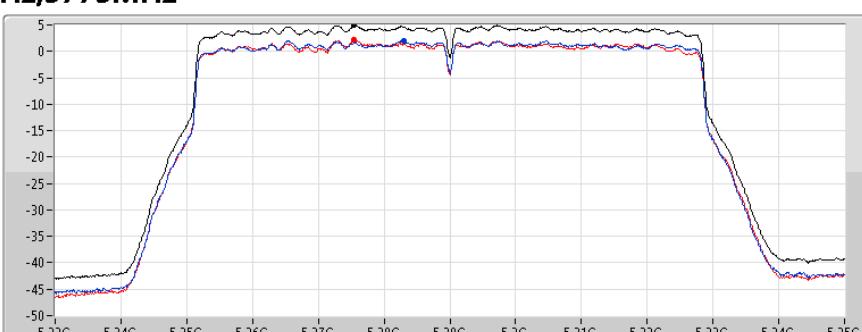
Sum
Port 1
Port 2

802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5290MHz,5775MHz

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)
3.89	3.89	1.02	1.17

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.46	4.46	1.33	1.63

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.92	4.92	2.01	2.18



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

5210MHz,#5290MHz

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



Sum
Port 3
Port 4

Sum

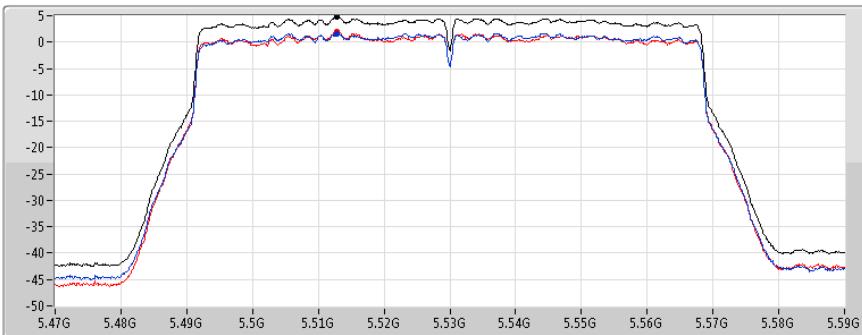
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.86	3.86			0.95	0.95

802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5530MHz,5775MHz

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



Sum
Port 1
Port 2

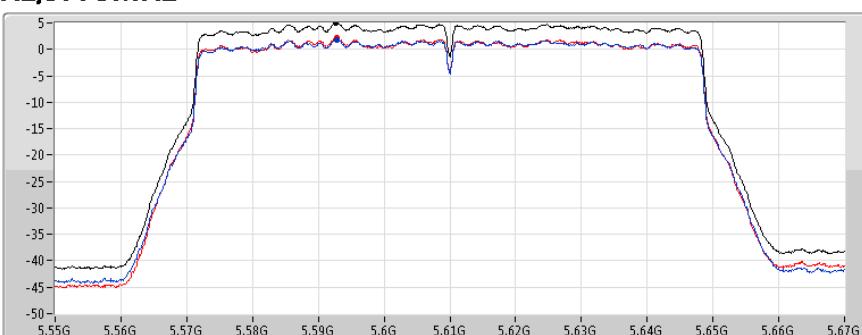
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.83	4.83	1.64	2.07

802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5610MHz,5775MHz

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



Sum
Port 1
Port 2

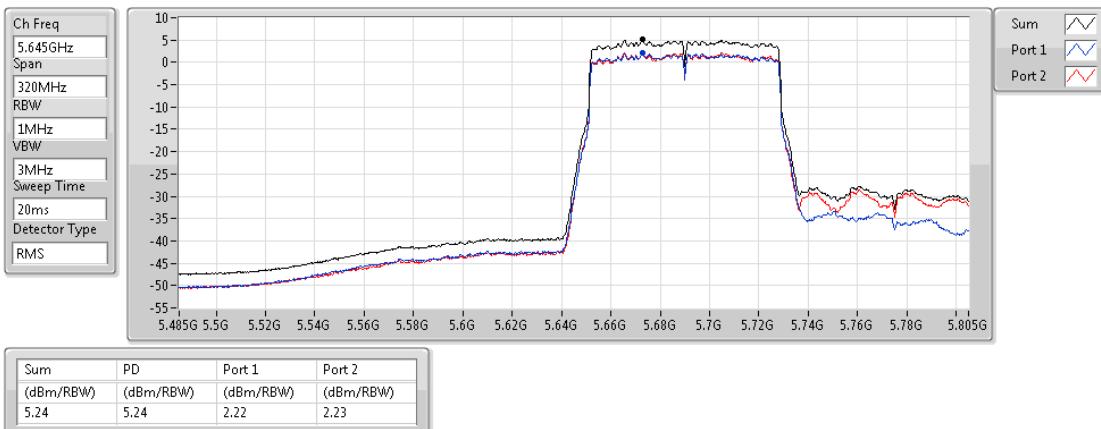
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.98	4.98	1.77	2.25



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

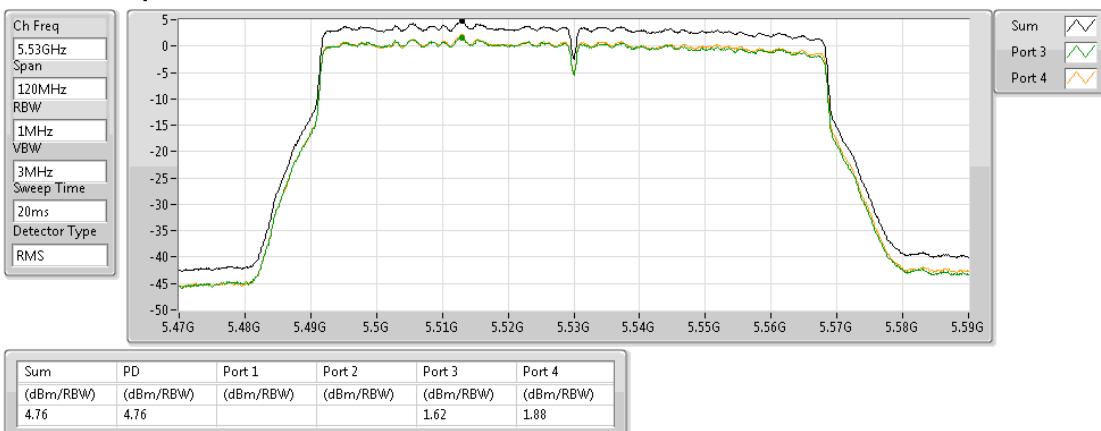
#5690MHz,#5775MHz Straddle 5.47-5.725GHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

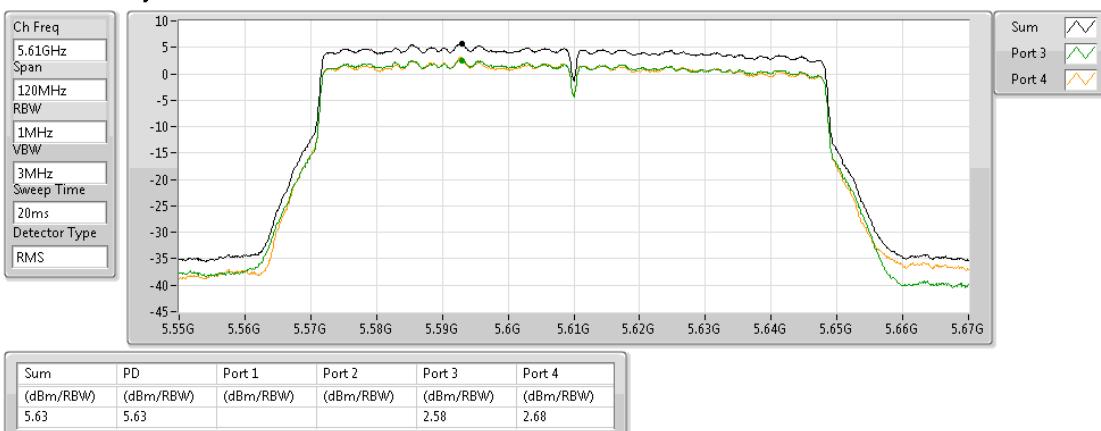
5210MHz,#5530MHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

5210MHz,#5610MHz

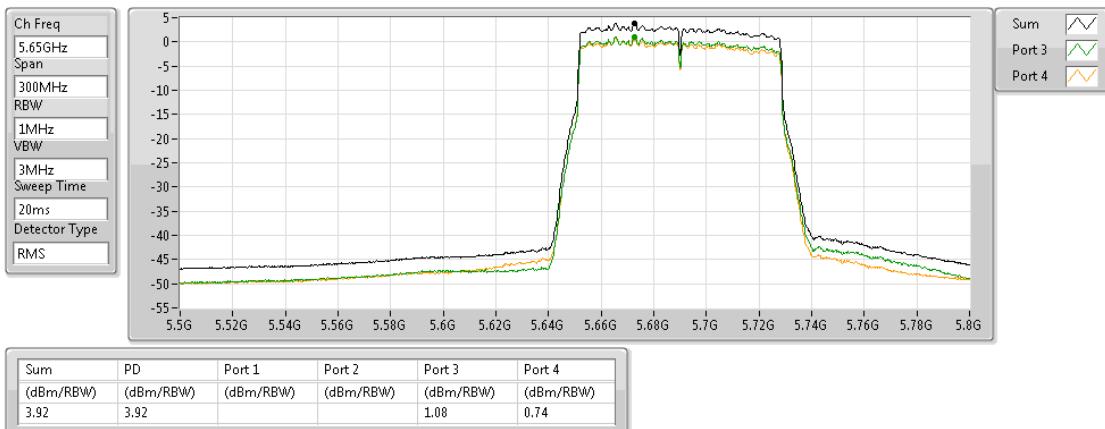




802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

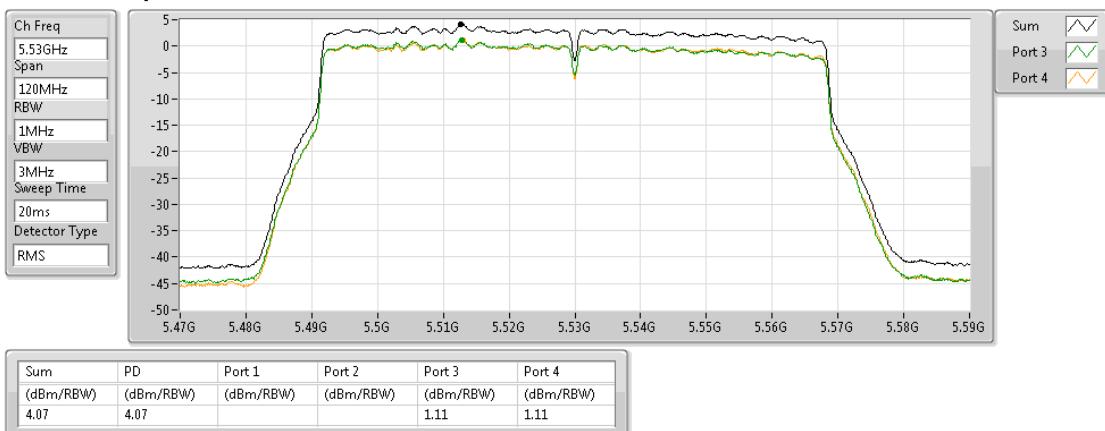
5210MHz,#5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

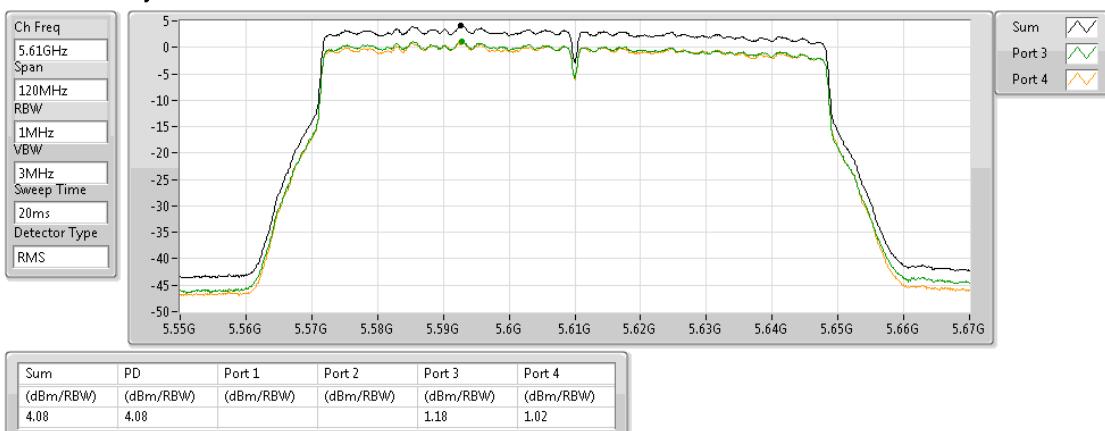
5290MHz,#5530MHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

5290MHz,#5610MHz

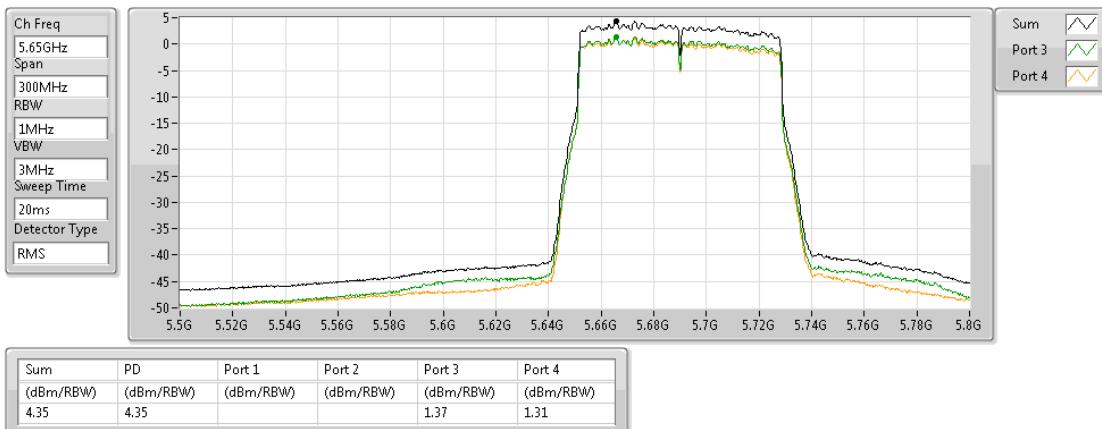




802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

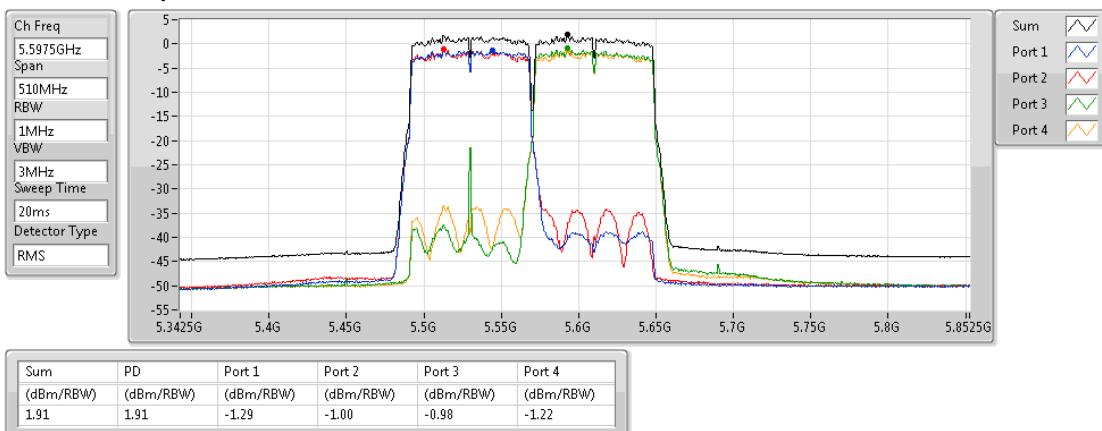
5290MHz,#5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80+80_Nss2,(MCS0)_4TX

PSD

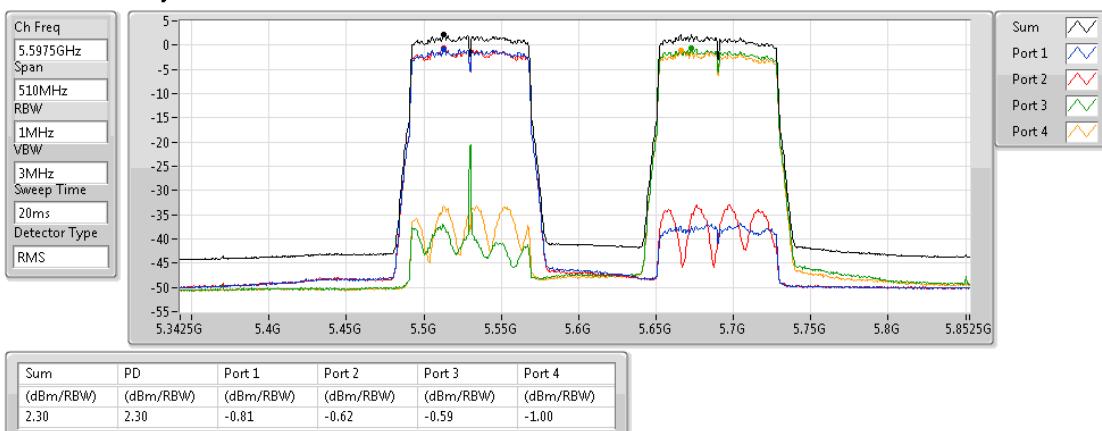
#5530MHz,#5610MHz



802.11ac VHT80+80_Nss2,(MCS0)_4TX

PSD

#5530MHz,#5690MHz Straddle 5.47-5.725GHz

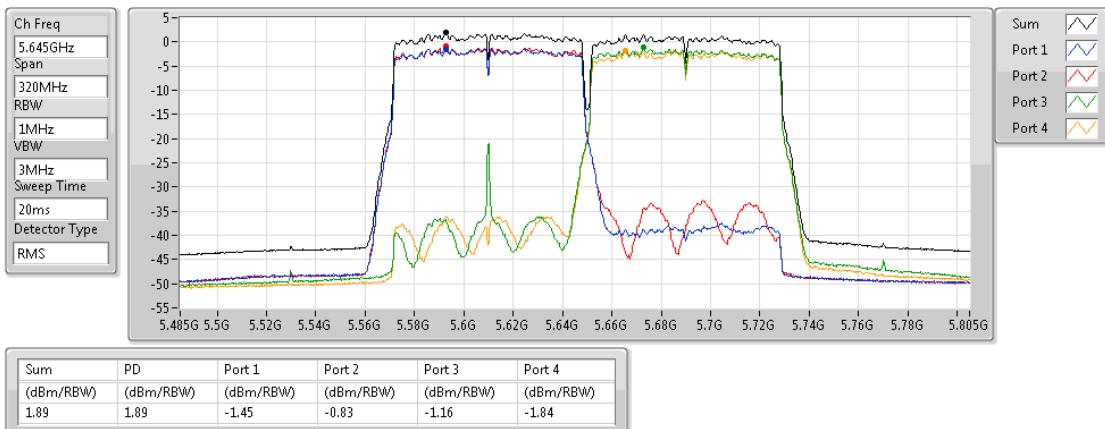




802.11ac VHT80+80_Nss2,(MCS0)_4TX

PSD

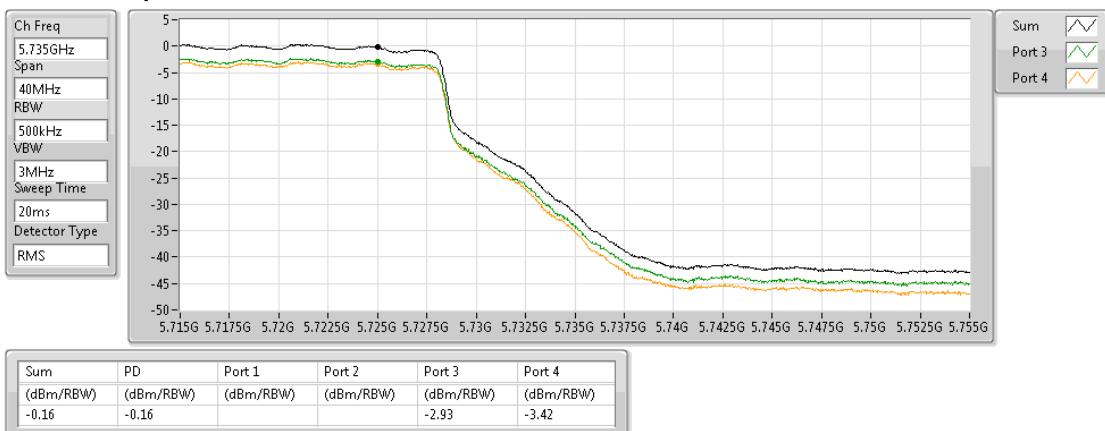
#5610MHz,#5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

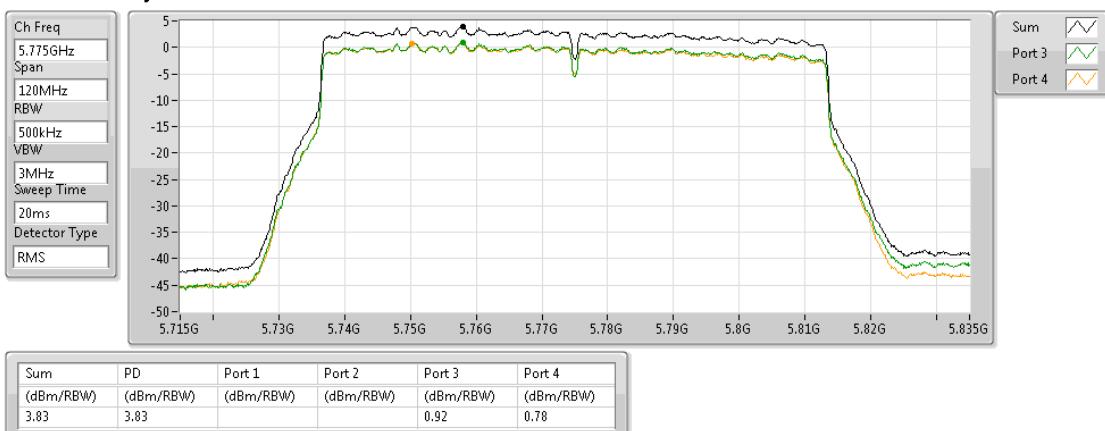
5210MHz,#5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

5210MHz,#5775MHz

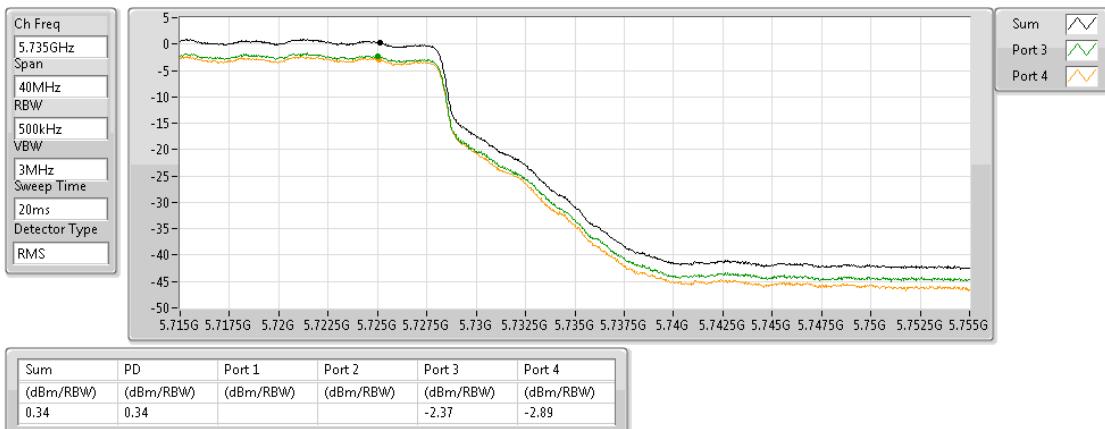




802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

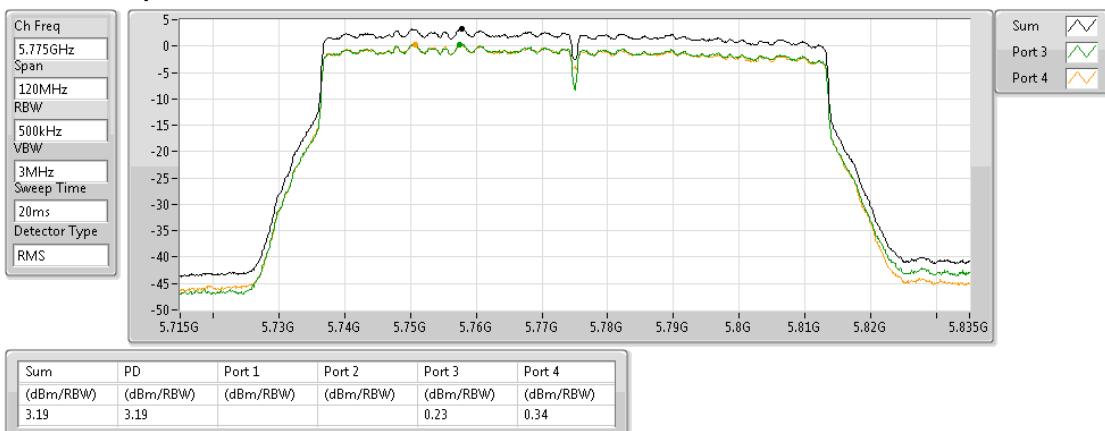
5290MHz,#5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

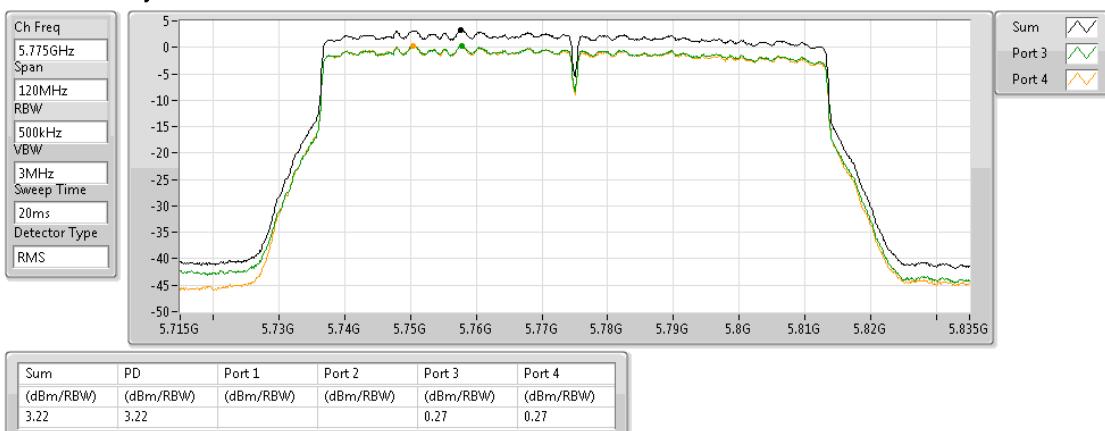
5290MHz,#5775MHz

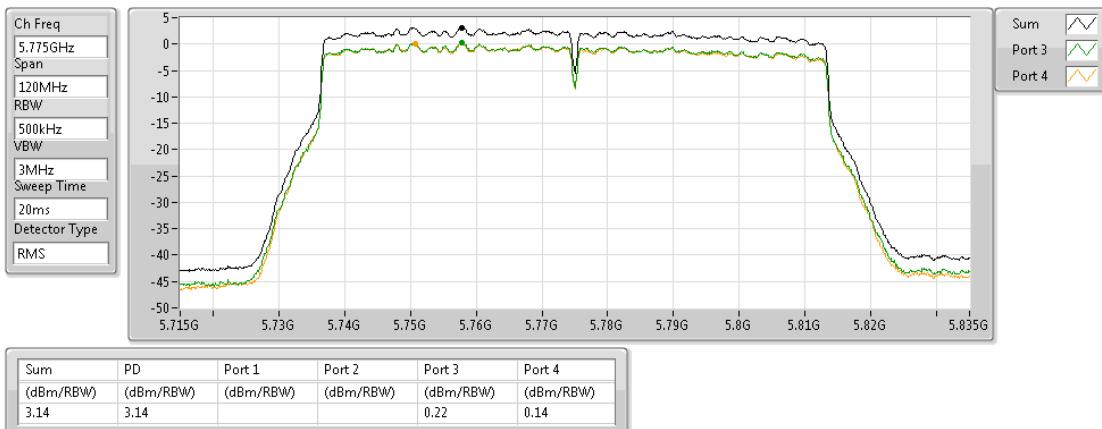
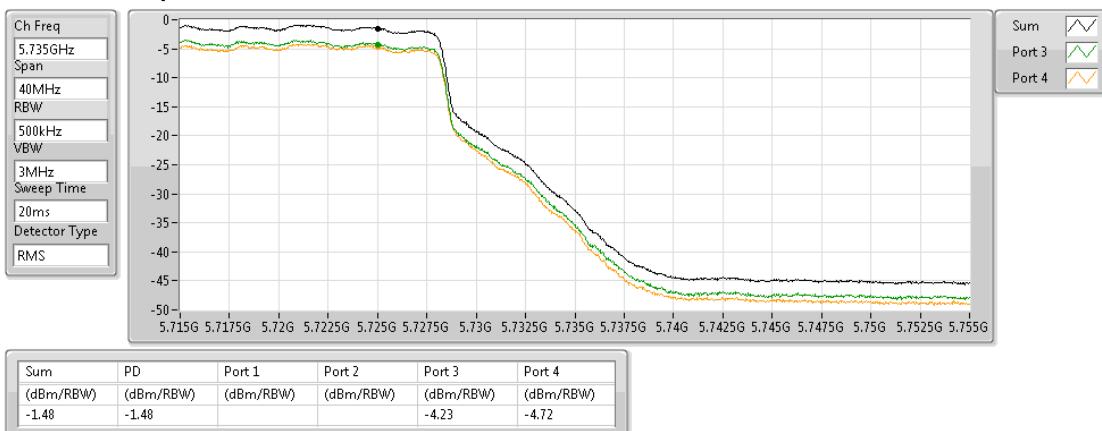
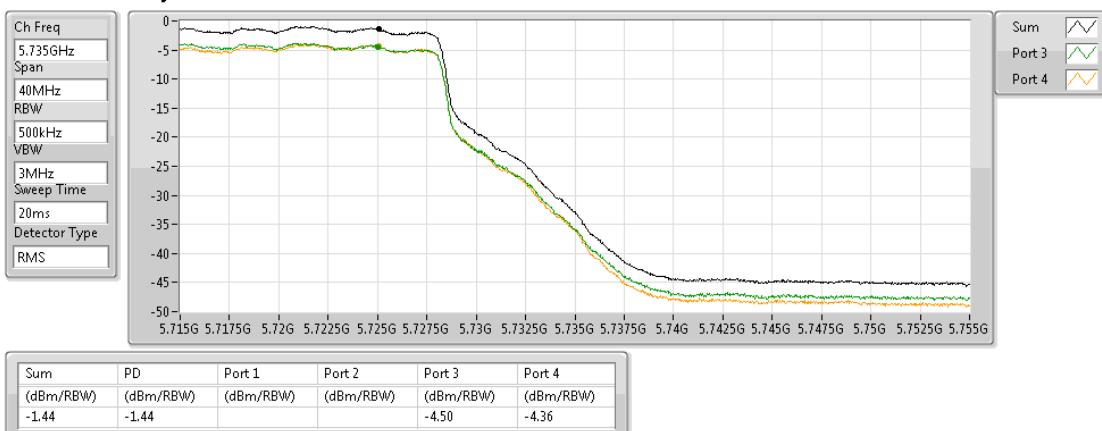


802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

5530MHz,#5775MHz

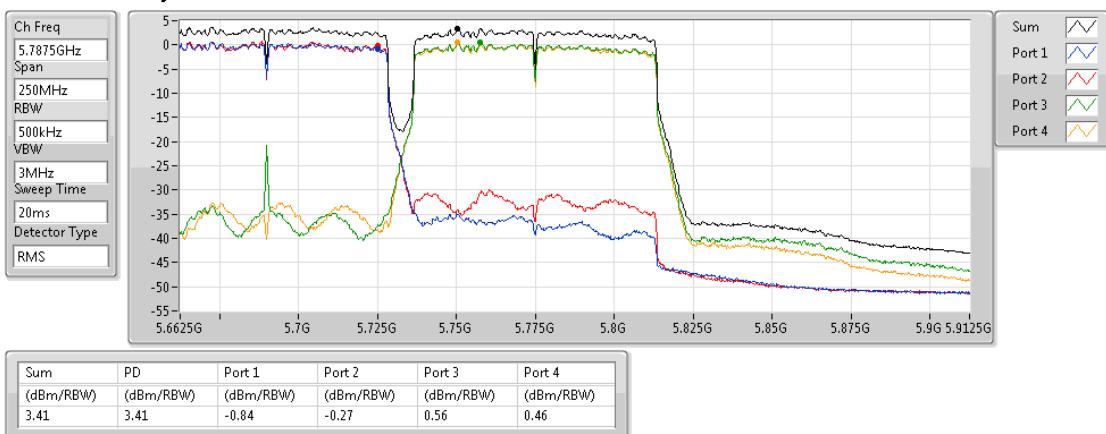


**802.11ac VHT80+80_Nss1,(MCS0)_4TX****PSD****5610MHz,#5775MHz****802.11ac VHT80+80_Nss1,(MCS0)_4TX****PSD****#5530MHz,#5690MHz Straddle 5.725-5.85GHz****802.11ac VHT80+80_Nss1,(MCS0)_4TX****PSD****#5610MHz,#5690MHz Straddle 5.725-5.85GHz**



802.11ac VHT80+80_Nss2,(MCS0)_4TX
#5690MHz,#5775MHz Straddle 5.725-5.85GHz

PSD





<For beamforming mode>

Summary

Mode	PD (dBm/RBW)
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-
5.15-5.25GHz	3.54
5.25-5.35GHz	1.30
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-
5.25-5.35GHz	2.52
5.47-5.725GHz	2.65
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-
5.47-5.725GHz	2.19
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-
5.47-5.725GHz	0.21
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-
5.47-5.725GHz	2.19
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-
5.47-5.725GHz	2.65
5.725-5.85GHz	2.29
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-
5.725-5.85GHz	1.18

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)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5210MHz,5530MHz	Pass	8.65	-0.51	-1.13			1.40	14.35
#5210MHz,5610MHz	Pass	8.65	-0.67	-1.34			1.58	14.35
#5210MHz,5690MHz	Pass	8.65	-0.57	-1.15			1.47	14.35
#5210MHz,5775MHz	Pass	8.65	1.56	0.55			3.54	14.35
#5210MHz,5290MHz	Pass	8.65	0.05	-1.01			2.01	14.35
#5290MHz,5530MHz	Pass	8.65	-0.79	-1.28			1.20	8.35
#5290MHz,5610MHz	Pass	8.65	-0.90	-1.63			1.06	8.35
#5290MHz,5690MHz	Pass	8.65	-1.53	-1.54			0.92	8.35
#5290MHz,5775MHz	Pass	8.65	-0.85	-1.15			1.30	8.35
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	8.61			-0.15	-0.56	2.52	8.39
5210MHz,#5530MHz	Pass	8.61			-1.48	-1.44	1.41	8.39
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5530MHz,5775MHz	Pass	8.65	-1.01	-1.81			0.97	8.35
#5610MHz,5775MHz	Pass	8.65	-1.16	-1.42			1.19	8.35
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	8.63	-2.90	-2.59	-3.90	-3.61	0.21	8.37
#5530MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	8.63	-3.97	-4.05	-3.86	-4.31	-1.10	8.37
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5690MHz,#5775MHz Straddle 5.47-5.725GHz	Pass	8.65	0.09	-0.69			2.19	8.35
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz,#5610MHz	Pass	8.61			-1.95	-1.19	1.27	8.39
5210MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	8.61			-0.27	-0.44	2.65	8.39
5290MHz,#5530MHz	Pass	8.61			-1.00	-0.97	1.85	8.39
5290MHz,#5610MHz	Pass	8.61			-1.38	-1.30	1.42	8.39
5290MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	8.61			-0.67	-0.78	2.26	8.39
5210MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	8.61			-4.30	-4.59	-1.50	27.39
5210MHz,#5775MHz	Pass	8.61			-0.69	-0.75	2.29	27.39
5290MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	8.61			-5.09	-5.05	-2.06	27.39
5290MHz,#5775MHz	Pass	8.61			-1.23	-1.31	1.74	27.39
5530MHz,#5775MHz	Pass	8.61			-2.63	-2.85	0.26	27.39
5610MHz,#5775MHz	Pass	8.61			-3.17	-3.16	-0.19	27.39
#5530MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	8.61			-7.01	-6.64	-3.84	27.39
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5690MHz,#5775MHz Straddle 5.725-5.85GHz	Pass	8.63	-3.45	-3.42	-2.19	-1.39	1.18	27.37

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

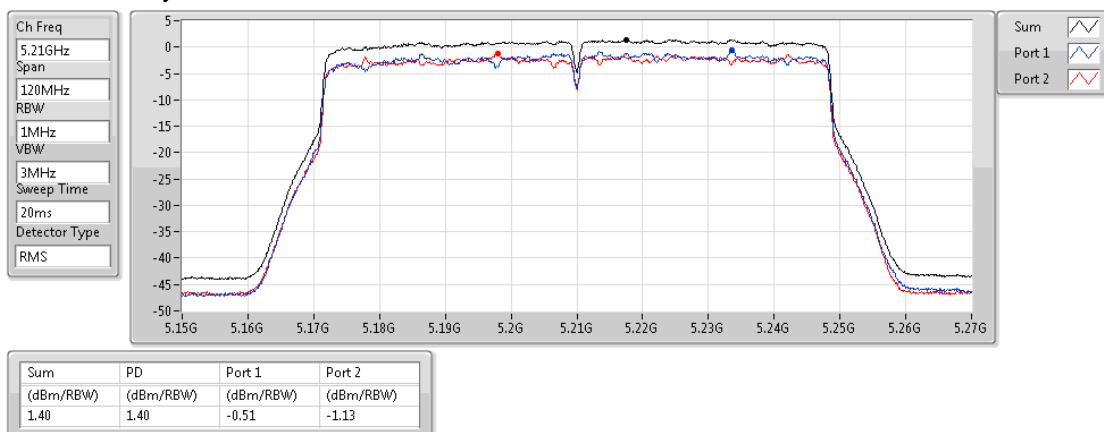
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

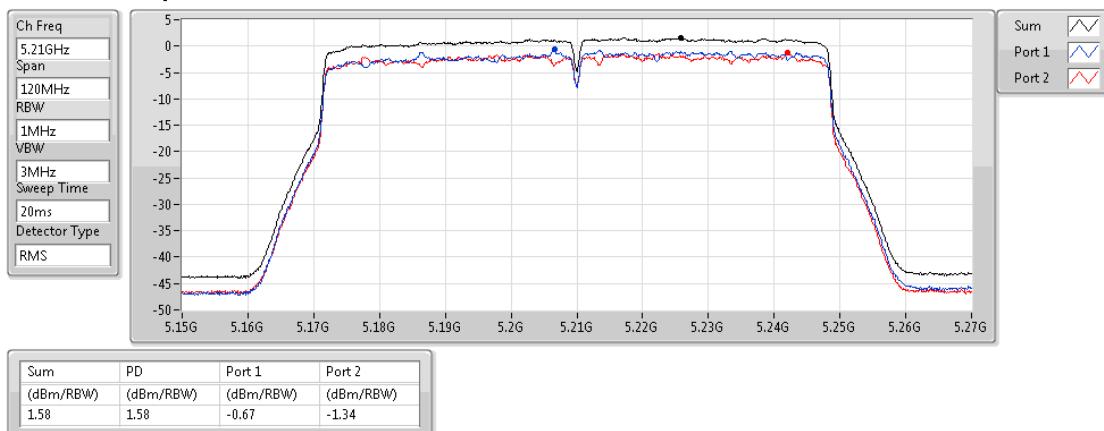
#5210MHz,5530MHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

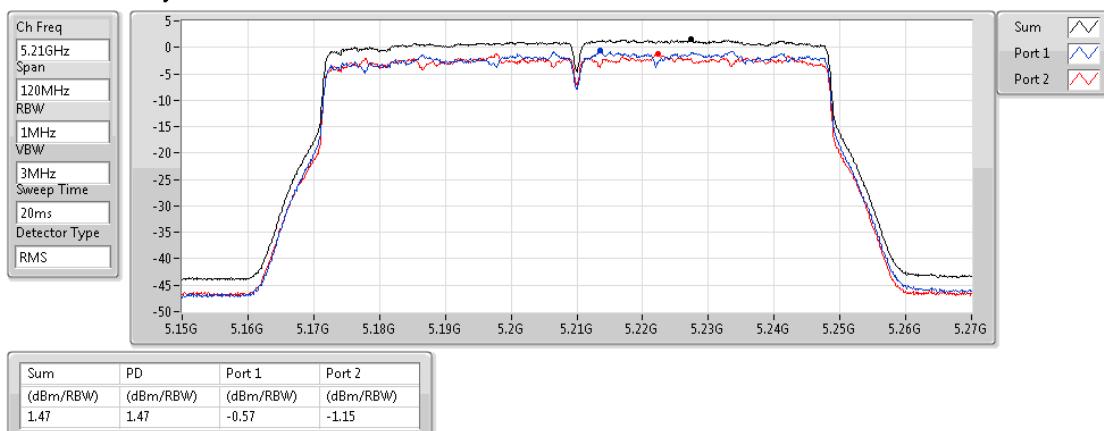
#5210MHz,5610MHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

#5210MHz,5690MHz



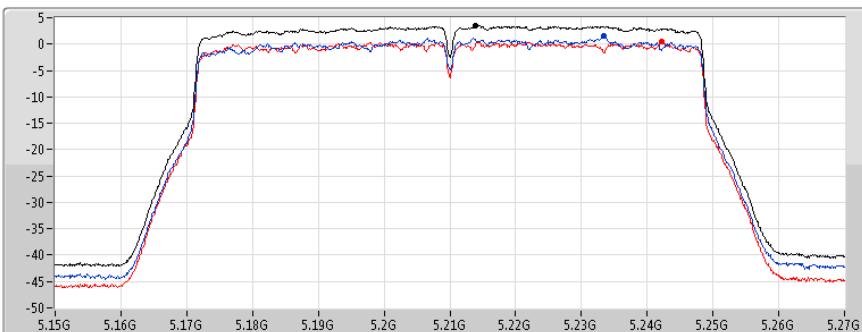


802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

#5210MHz,5775MHz

Ch Freq
5.21GHz
Span
120MHz
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)

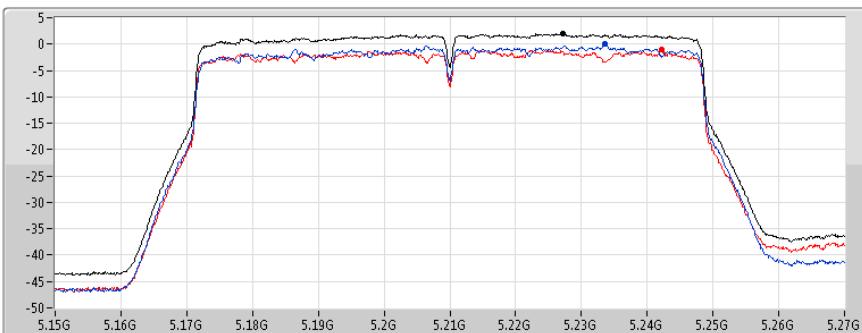
3.54	3.54	1.56	0.55
------	------	------	------

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

#5210MHz,5290MHz

Ch Freq
5.21GHz
Span
120MHz
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)

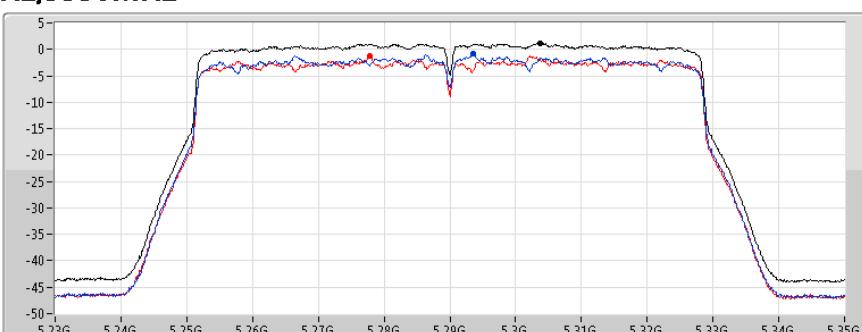
2.01	2.01	0.05	-1.01
------	------	------	-------

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

#5290MHz,5530MHz

Ch Freq
5.29GHz
Span
120MHz
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)

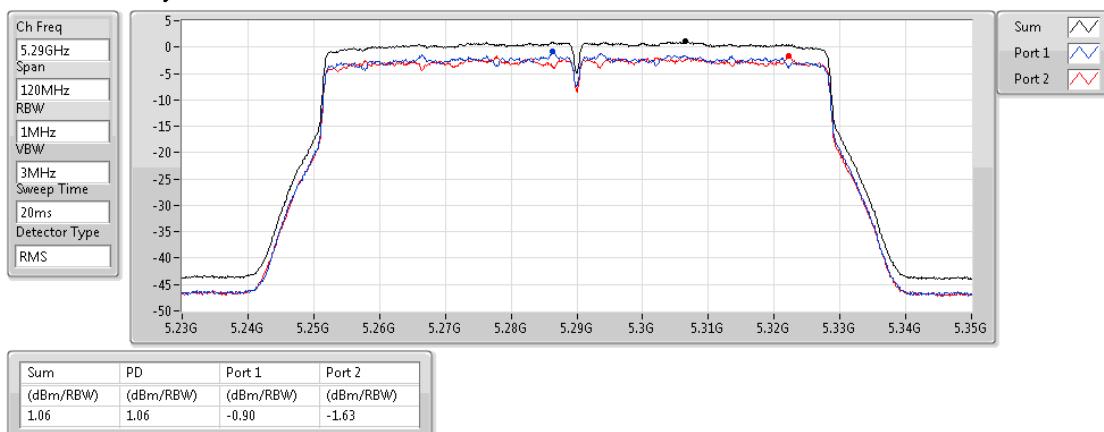
1.20	1.20	-0.79	-1.28
------	------	-------	-------



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

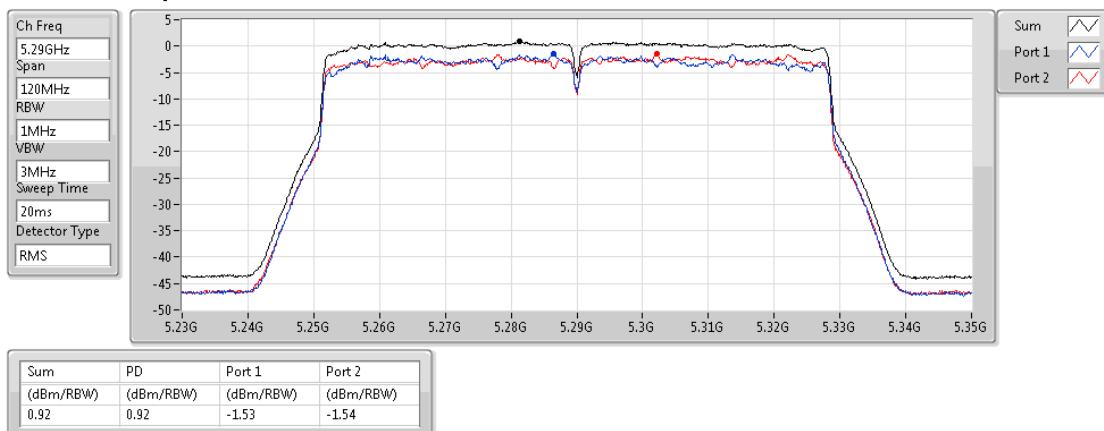
#5290MHz,5610MHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

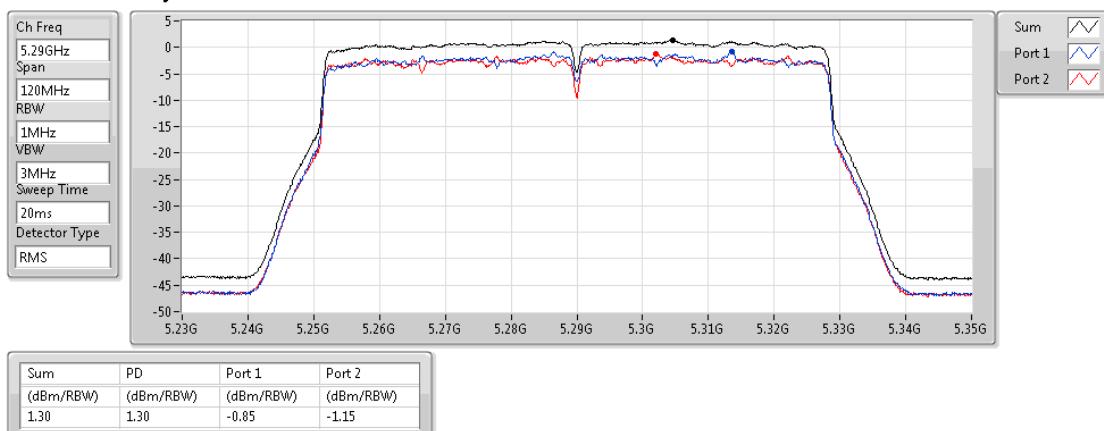
#5290MHz,5690MHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

#5290MHz,5775MHz



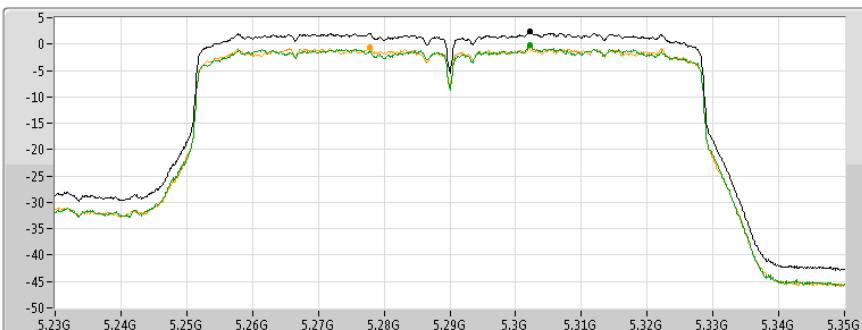


802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz,#5290MHz

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



Sum	/\
Port 3	/\
Port 4	/\

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz,#5530MHz

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



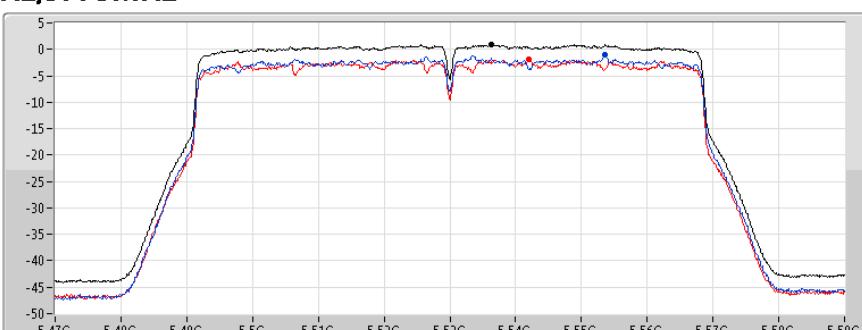
Sum	/\
Port 3	/\
Port 4	/\

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

#5530MHz,5775MHz

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



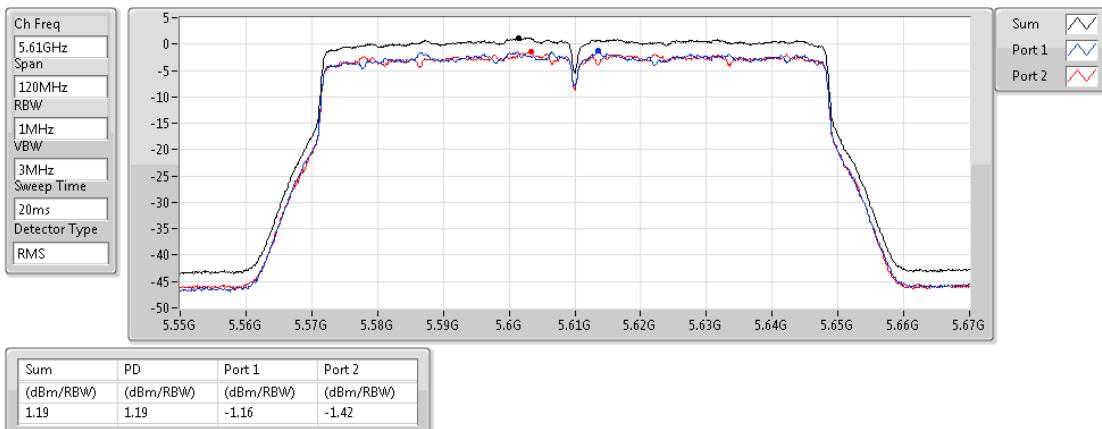
Sum	/\
Port 1	/\
Port 2	/\



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

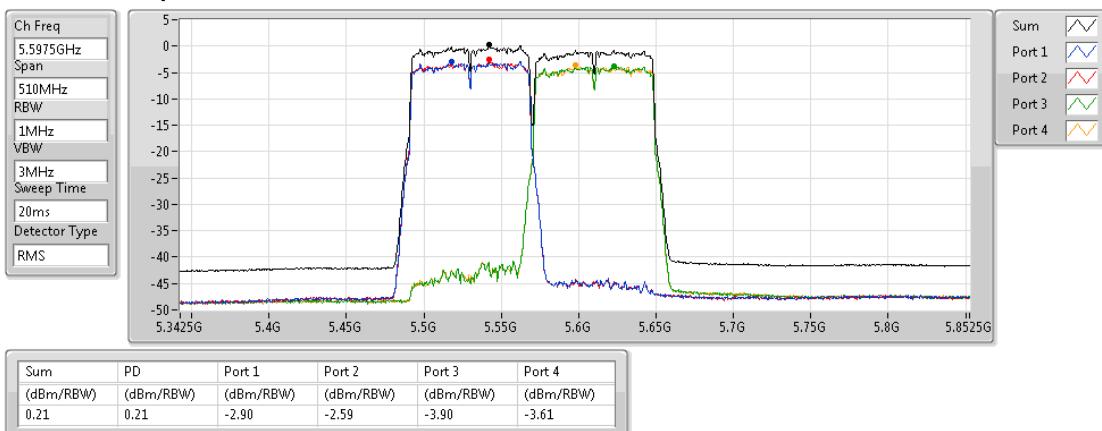
#5610MHz,5775MHz



802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX

PSD

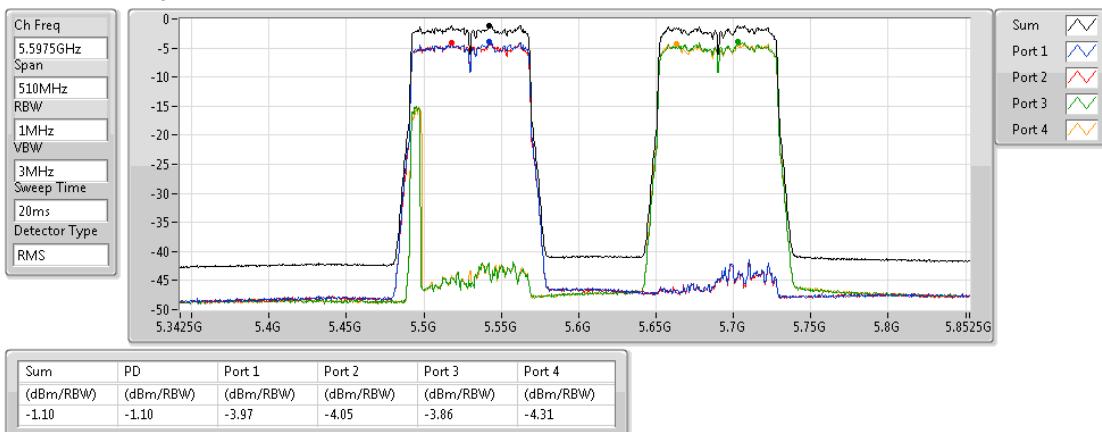
#5530MHz,#5610MHz

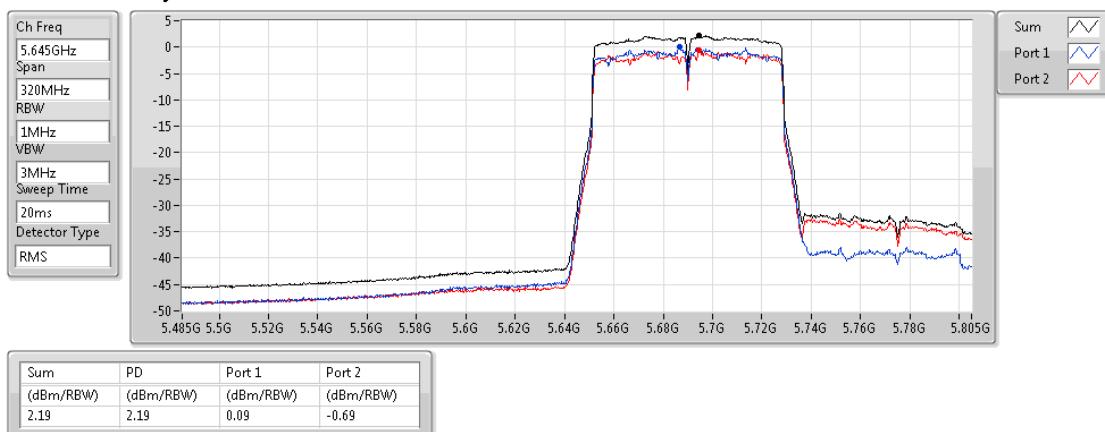
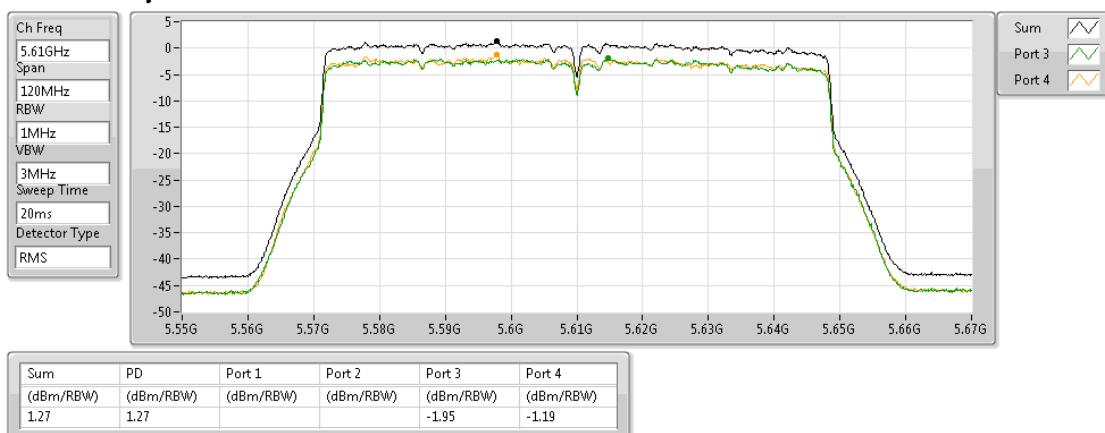
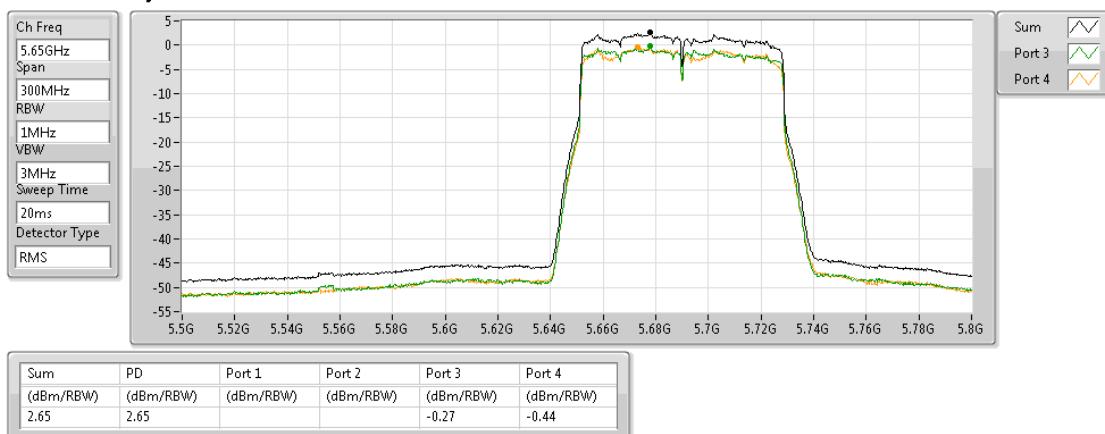


802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX

PSD

#5530MHz,#5690MHz Straddle 5.47-5.725GHz



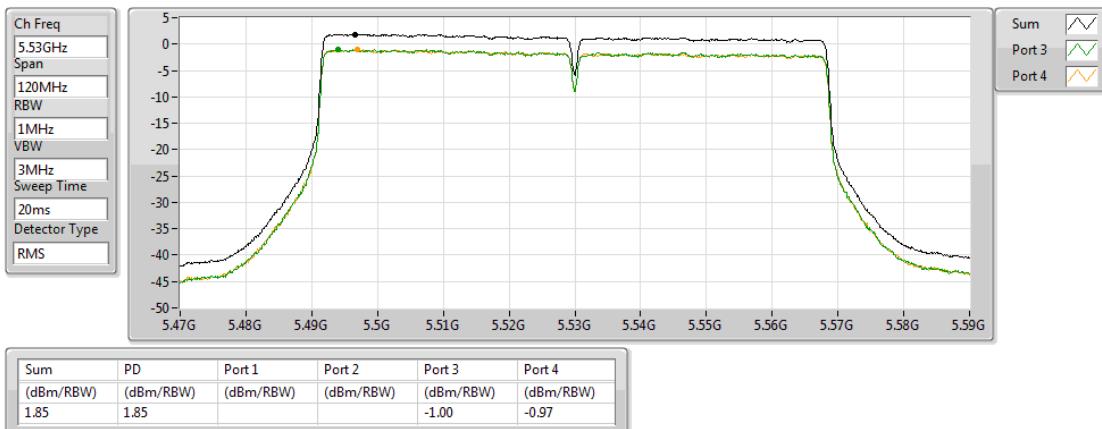
**802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX
#5690MHz,#5775MHz Straddle 5.47-5.725GHz****PSD****802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX
5210MHz,#5610MHz****PSD****802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX
5210MHz,#5690MHz Straddle 5.47-5.725GHz****PSD**



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

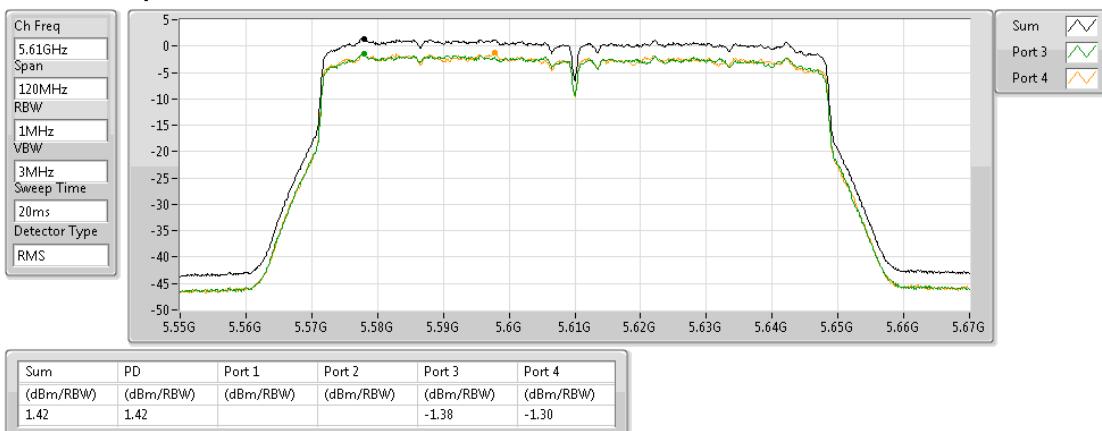
5290MHz,#5530MHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

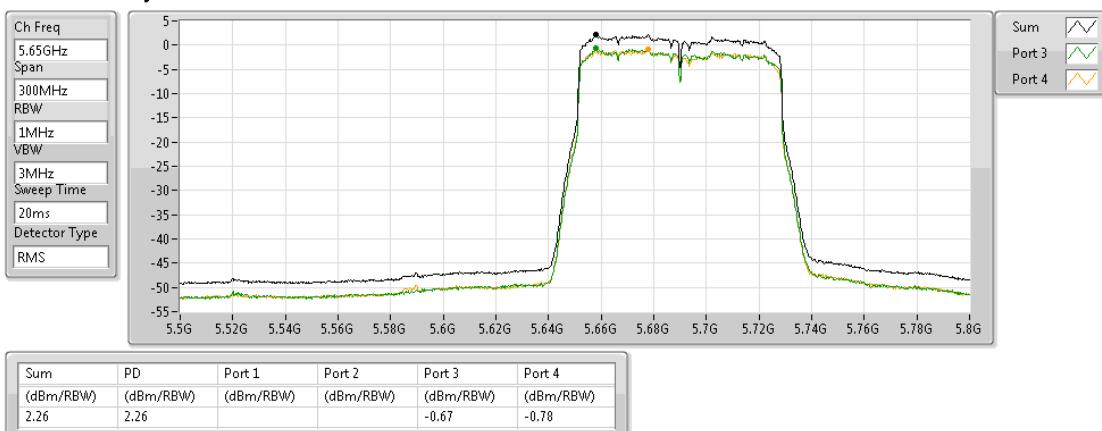
5290MHz,#5610MHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz,#5690MHz Straddle 5.47-5.725GHz

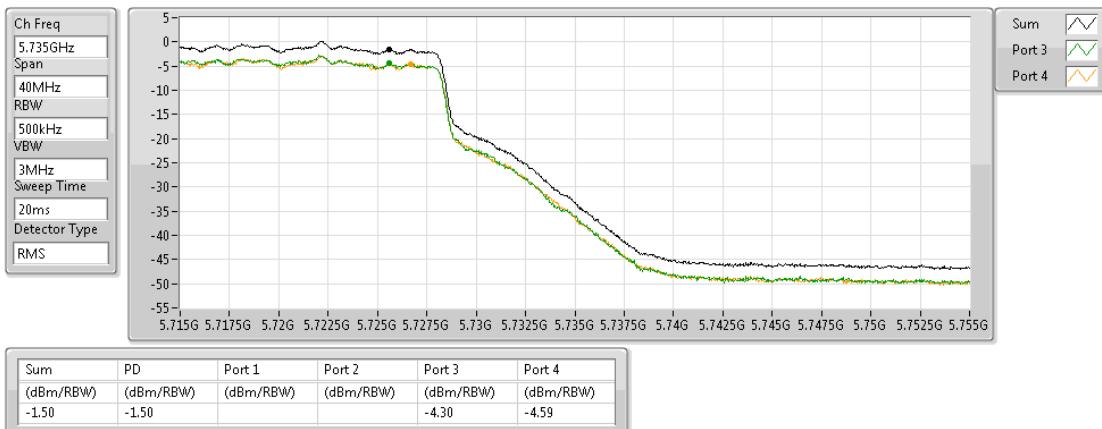




802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

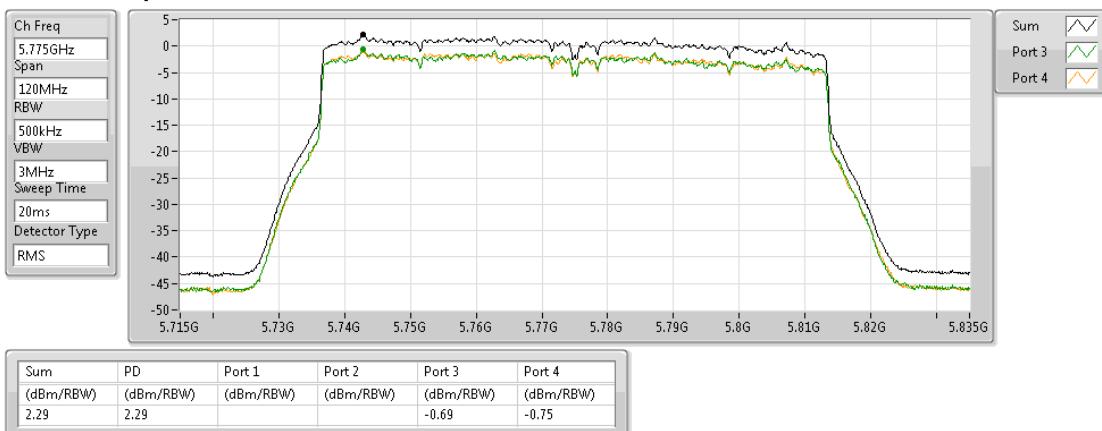
5210MHz,#5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

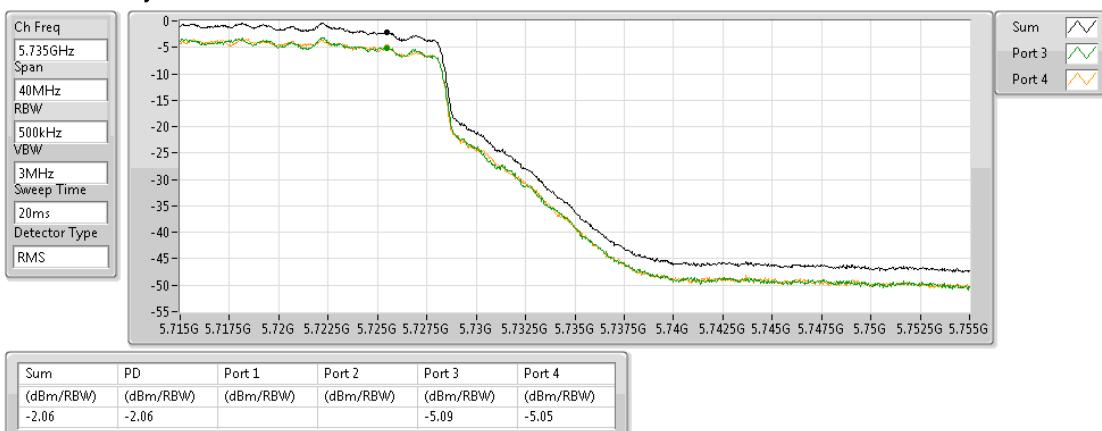
5210MHz,#5775MHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz,#5690MHz Straddle 5.725-5.85GHz



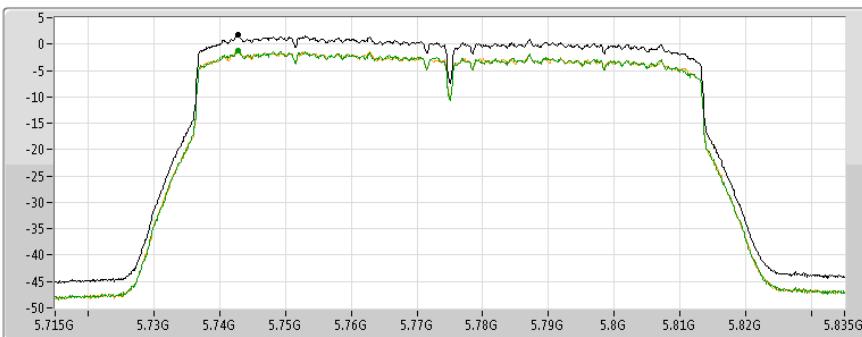


802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz,#5775MHz

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



Sum
Port 3
Port 4

Sum

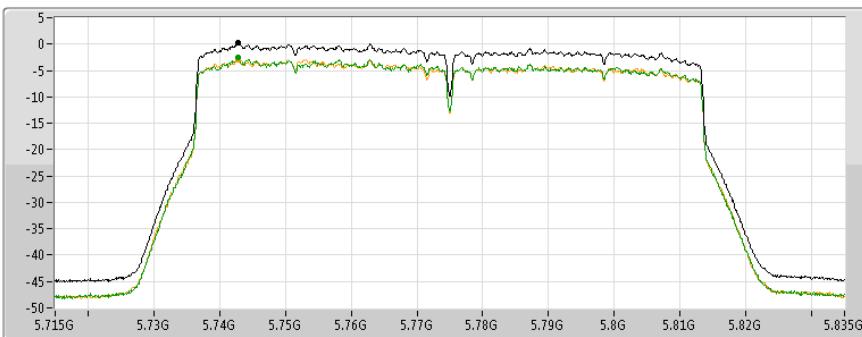
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.74	1.74			-1.23	-1.31

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz,#5775MHz

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



Sum
Port 3
Port 4

Sum

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.26	0.26			-2.63	-2.85

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz,#5775MHz

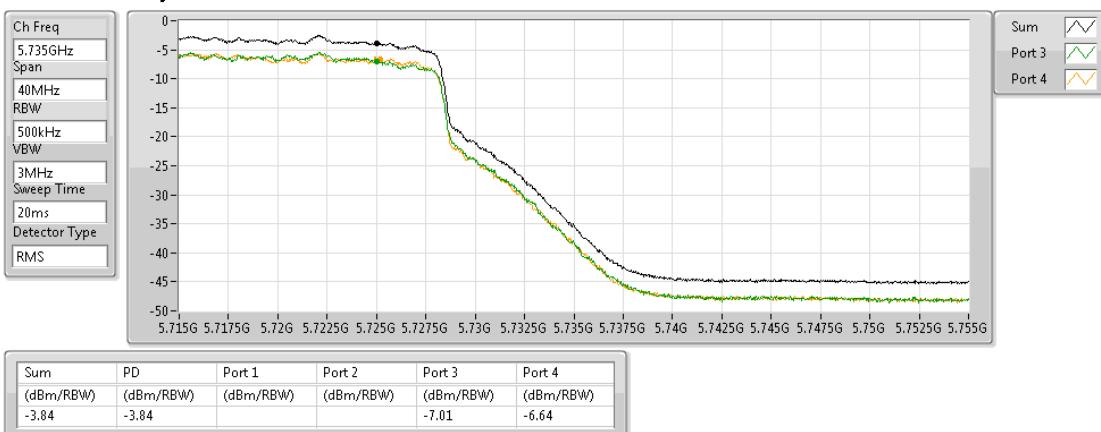
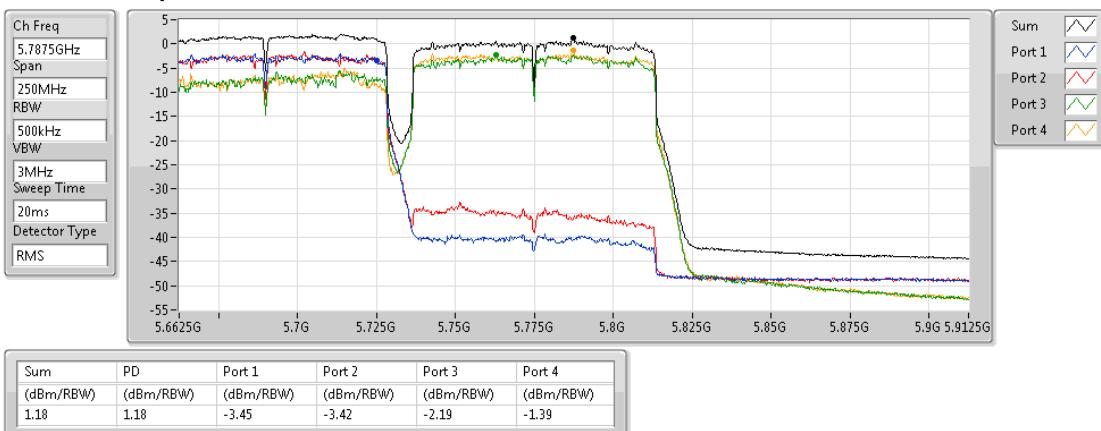
Ch Freq
5.775GHz
Span
120MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 3
Port 4

Sum

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.19	-0.19			-3.17	-3.16

**802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX
#5530MHz,#5690MHz Straddle 5.725-5.85GHz****PSD****802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX
#5690MHz,#5775MHz Straddle 5.725-5.85GHz****PSD**

**For set 3 antenna / 4T2S****<For non-beamforming mode>****Summary**

Mode	PD (dBm/RBW)
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.15-5.25GHz	3.95
5.25-5.35GHz	1.52
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.25-5.35GHz	1.27
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.47-5.725GHz	1.43
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.47-5.725GHz	2.01
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-
5.47-5.725GHz	-1.60
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.725-5.85GHz	2.17
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-
5.725-5.85GHz	-0.57

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)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
#5210MHz,5530MHz	Pass	8.38	-0.06	-0.36			2.23	14.62
#5210MHz,5610MHz	Pass	8.38	-0.17	-0.41			2.26	14.62
#5210MHz,5690MHz	Pass	8.38	-0.10	-0.36			2.28	14.62
#5210MHz,5775MHz	Pass	8.38	1.58	1.42			3.95	14.62
#5210MHz,5290MHz	Pass	8.38	-0.60	-0.94			1.68	14.62
#5290MHz,5530MHz	Pass	8.38	-0.94	-0.94			1.49	8.62
#5290MHz,5610MHz	Pass	8.38	-0.93	-0.92			1.52	8.62
#5290MHz,5690MHz	Pass	8.38	-0.91	-0.92			1.52	8.62
#5290MHz,5775MHz	Pass	8.38	-1.01	-0.93			1.41	8.62
5210MHz,#5290MHz	Pass	8.38			-1.06	-1.39	1.27	8.62
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5530MHz,5775MHz	Pass	8.38	-1.15	-1.24			1.36	8.62
#5610MHz,5775MHz	Pass	8.38	-1.07	-1.31			1.43	8.62
#5690MHz,#5775MHz Straddle 5.47-5.725GHz	Pass	8.38	-1.46	-1.57			1.06	8.62
5210MHz,#5530MHz	Pass	8.38			-0.72	-1.02	2.01	8.62
5210MHz,#5610MHz	Pass	8.38			-0.71	-1.13	1.86	8.62
5210MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	8.38			-1.02	-1.33	1.63	8.62
5290MHz,#5530MHz	Pass	8.38			-1.08	-1.50	1.43	8.62
5290MHz,#5610MHz	Pass	8.38			-1.23	-1.45	1.42	8.62
5290MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	8.38			-1.33	-1.71	1.21	8.62
#5530MHz,#5610MHz	Pass	8.38	-4.25	-4.22	-4.26	-4.74	-1.61	8.62
#5530MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	8.38	-4.33	-4.27	-4.58	-5.15	-1.72	8.62
#5610MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	8.38	-3.92	-4.23	-4.33	-4.88	-1.60	8.62
5210MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	8.38			-2.93	-3.42	-0.16	27.62
5210MHz,#5775MHz	Pass	8.38			-0.40	-0.36	2.17	27.62
5290MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	8.38			-2.37	-2.89	0.34	27.62
5290MHz,#5775MHz	Pass	8.38			-2.77	-2.91	-0.28	27.62
5530MHz,#5775MHz	Pass	8.38			-2.65	-2.82	-0.14	27.62
5610MHz,#5775MHz	Pass	8.38			-2.67	-3.10	-0.45	27.62
#5530MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	8.38			-7.51	-7.96	-4.73	27.62
#5610MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	8.38			-7.42	-7.29	-4.42	27.62
#5690MHz,#5775MHz Straddle 5.725-5.85GHz	Pass	8.38	-4.10	-4.01	-2.60	-3.07	-0.57	27.62

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;

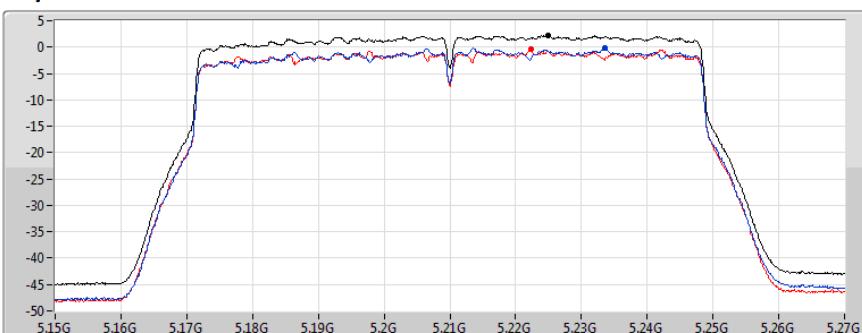


802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5210MHz,5530MHz

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



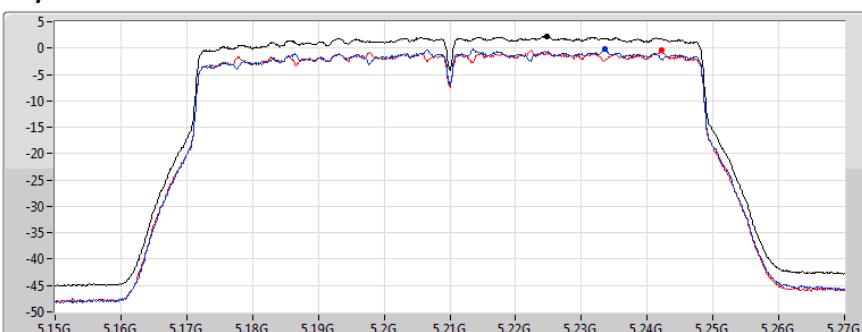
Sum Port 1 Port 2

802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5210MHz,5610MHz

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



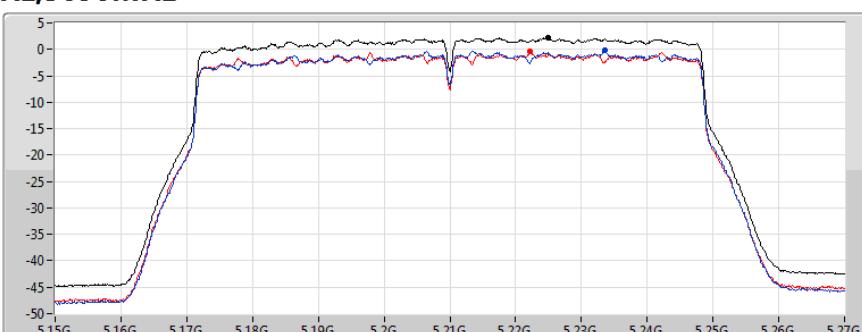
Sum Port 1 Port 2

802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5210MHz,5690MHz

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



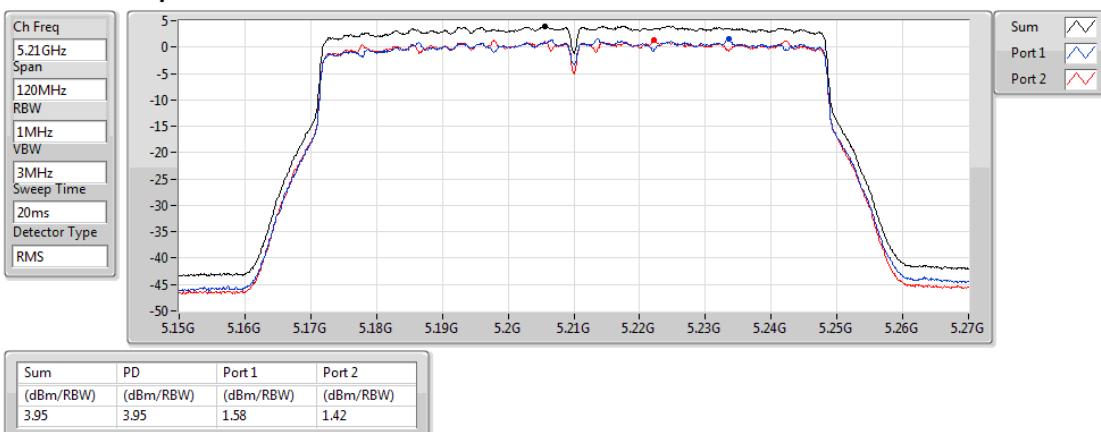
Sum Port 1 Port 2



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

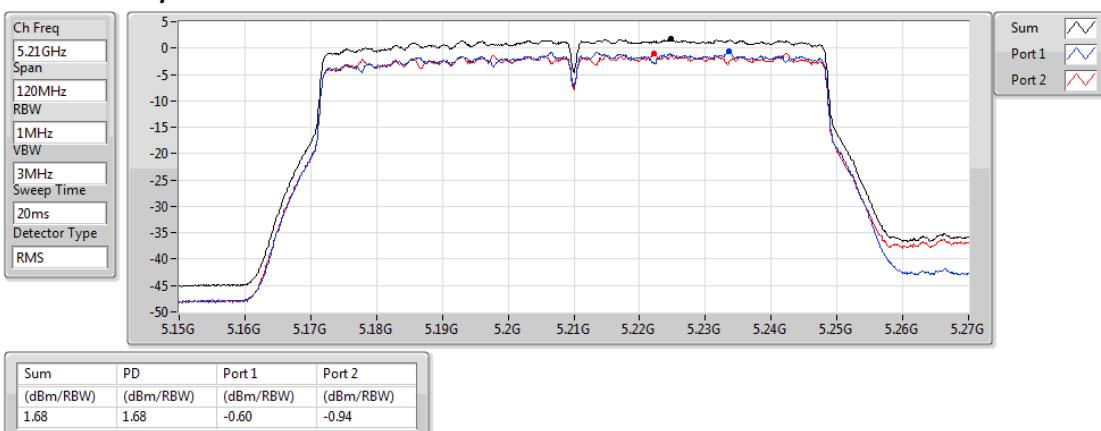
#5210MHz,5775MHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

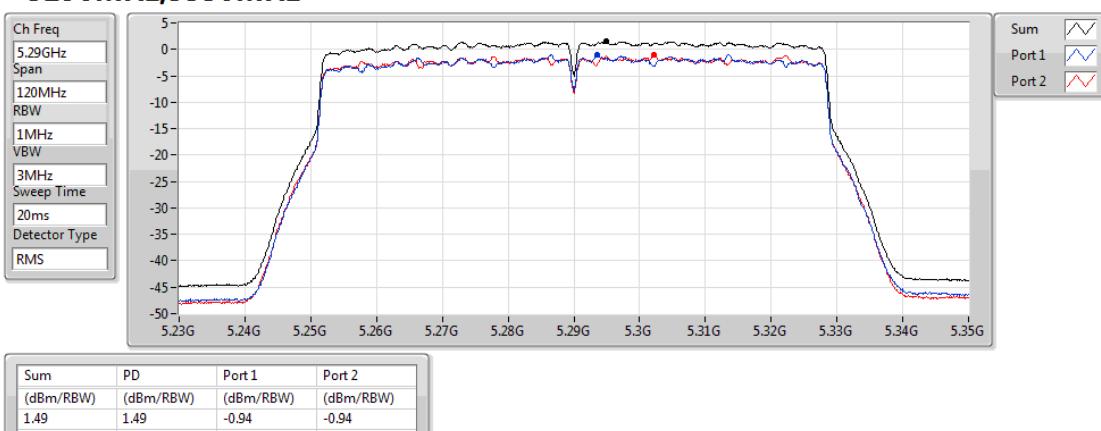
#5210MHz,5290MHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5290MHz,5530MHz



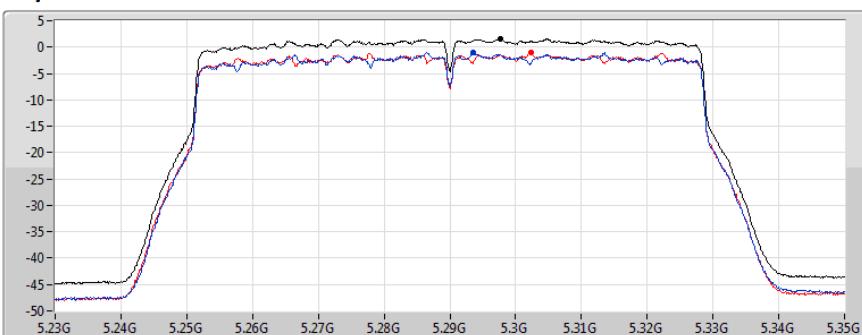


802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5290MHz,5610MHz

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



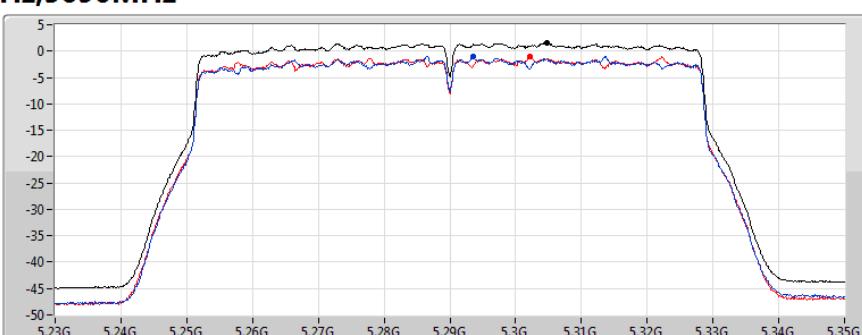
Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>

802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5290MHz,5690MHz

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



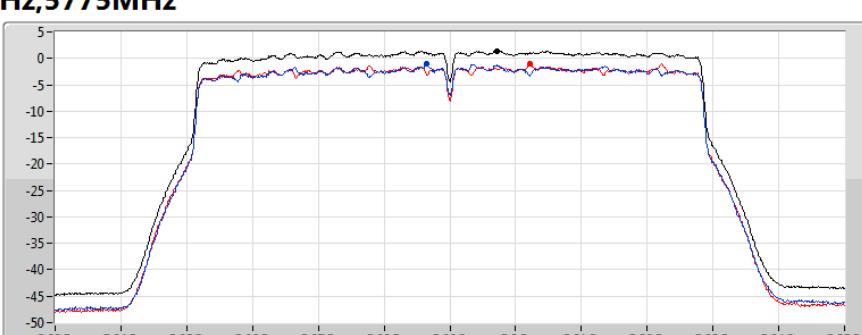
Sum	<input checked="" type="checkbox"/>
Port 1	<input type="checkbox"/>
Port 2	<input type="checkbox"/>

802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5290MHz,5775MHz

Ch Freq
5.29GHz
Span
120MHz
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)
1.52	1.52	-0.93	-0.92

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.52	1.52	-0.91	-0.92

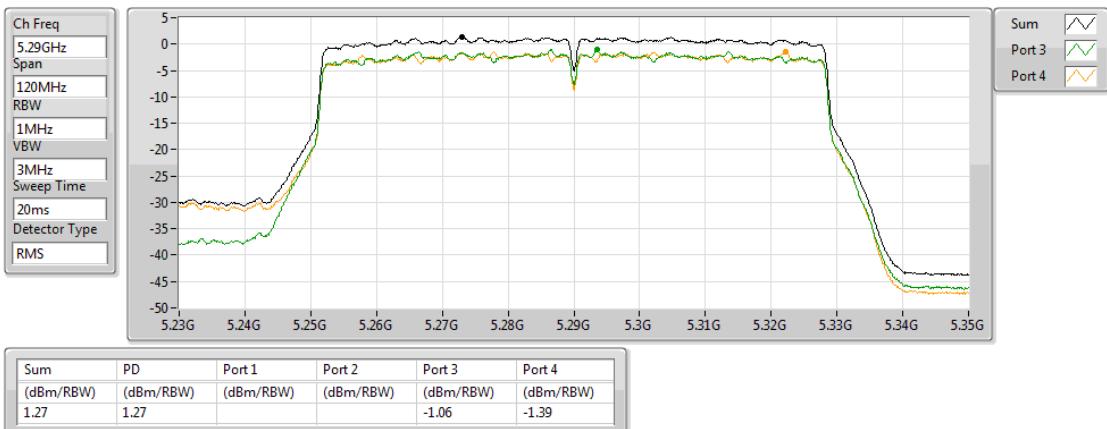
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.41	1.41	-1.01	-0.93



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

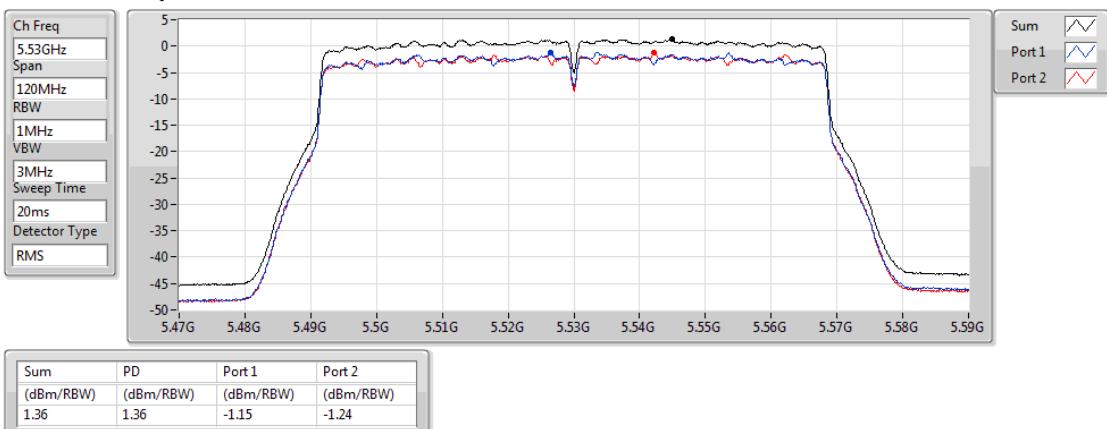
5210MHz,#5290MHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

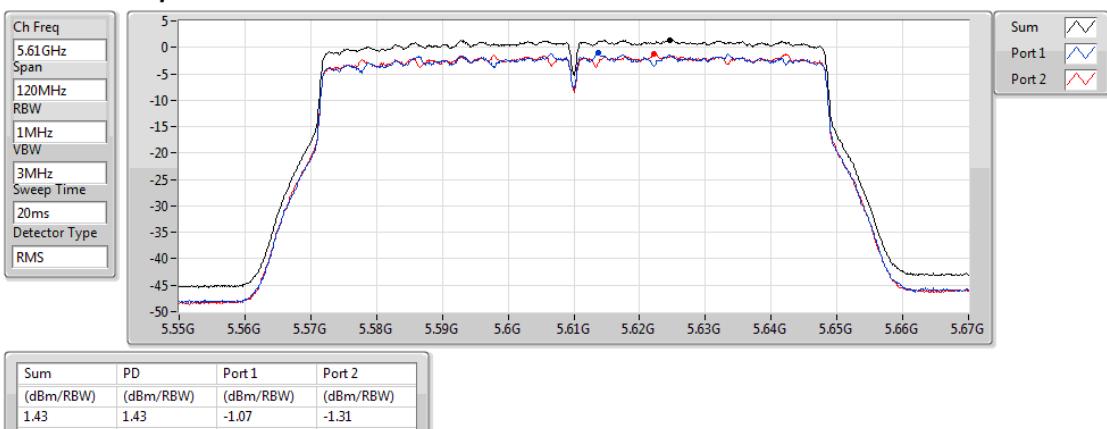
#5530MHz,5775MHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

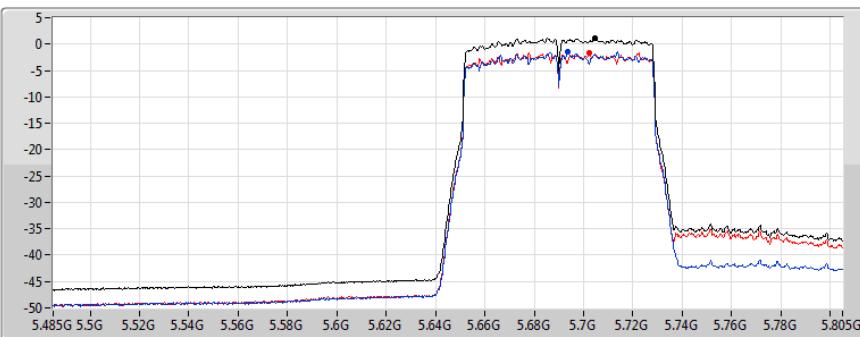
PSD

#5610MHz,5775MHz



**802.11ac VHT80+80_Nss1,(MCS0)_4TX
#5690MHz,#5775MHz Straddle 5.47-5.725GHz****PSD**

Ch Freq
5.645GHz
Span
320MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

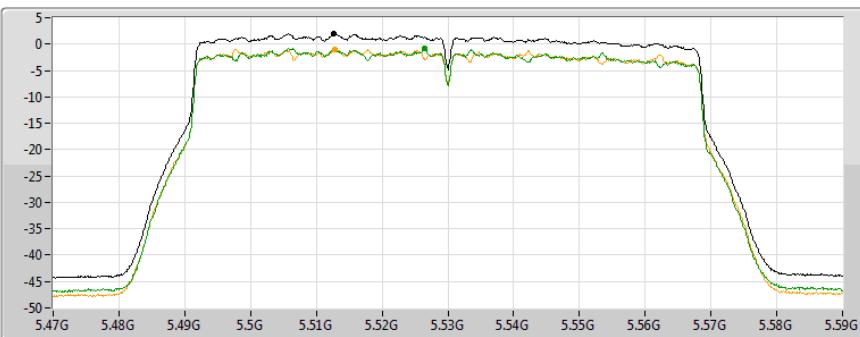


Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.06	1.06	-1.46	-1.57

**802.11ac VHT80+80_Nss1,(MCS0)_4TX
5210MHz,#5530MHz****PSD**

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

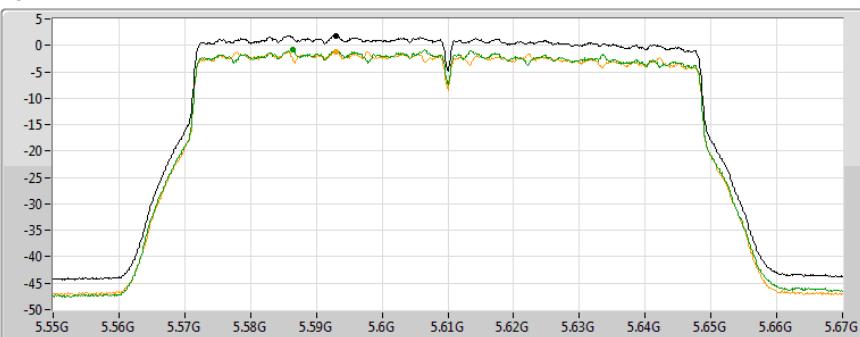


Sum
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.01	2.01			-0.72	-1.02

**802.11ac VHT80+80_Nss1,(MCS0)_4TX
5210MHz,#5610MHz****PSD**

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



Sum
Port 3
Port 4

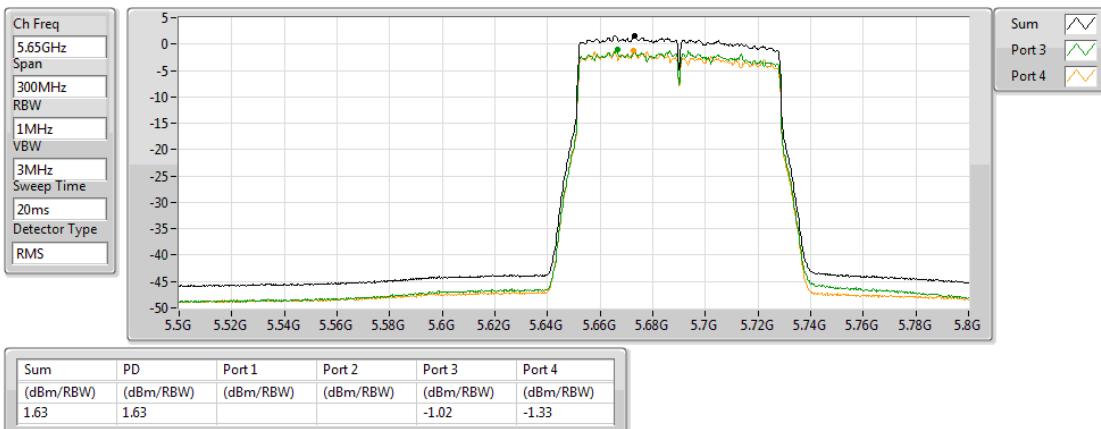
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.86	1.86			-0.71	-1.13



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

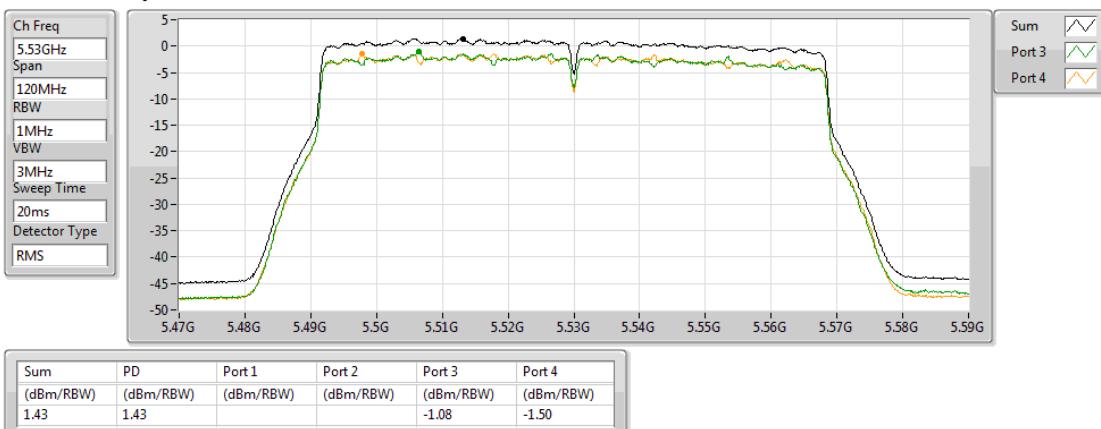
5210MHz,#5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

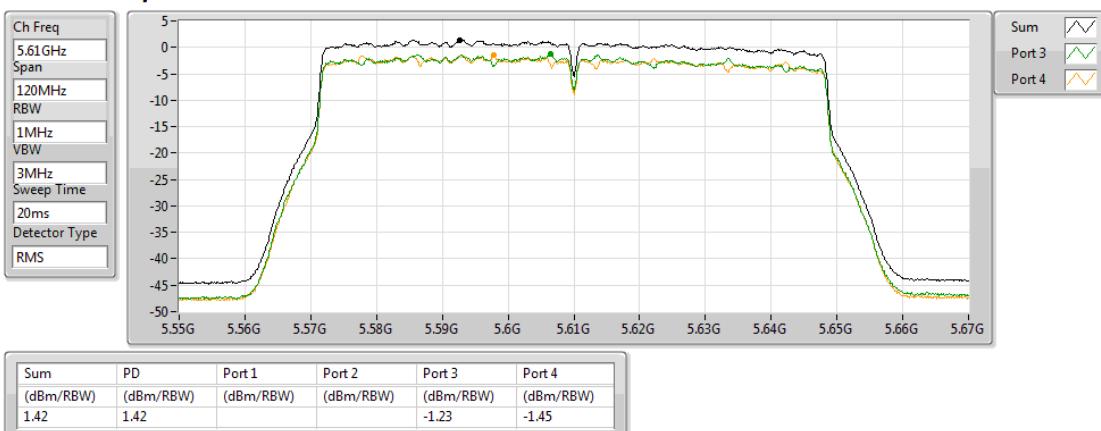
5290MHz,#5530MHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

5290MHz,#5610MHz

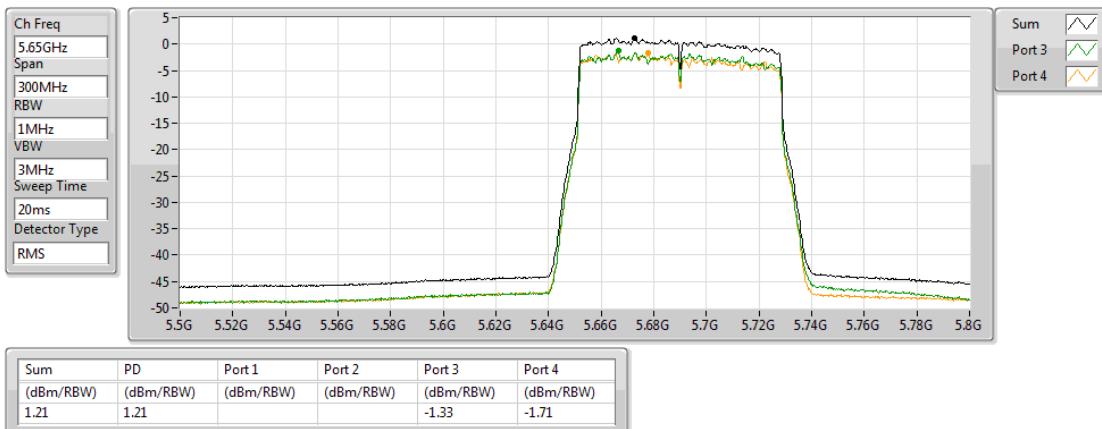




802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

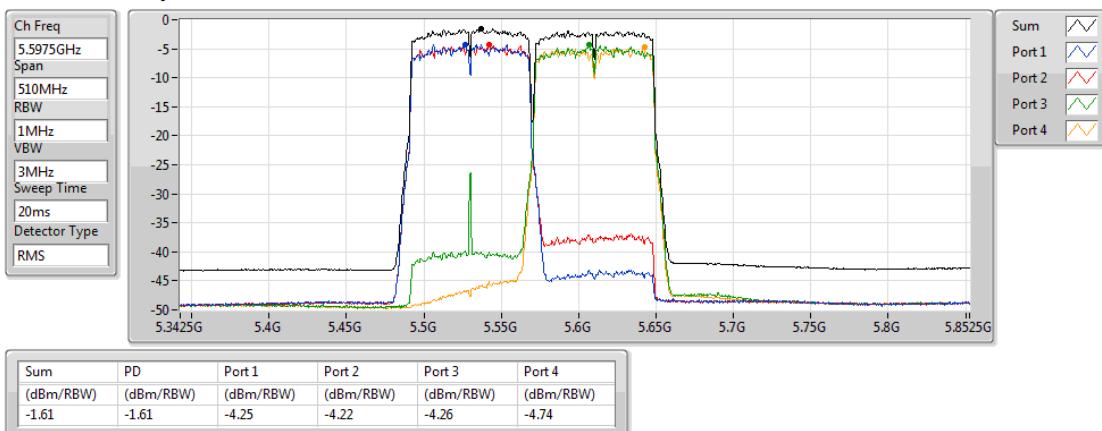
5290MHz,#5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80+80_Nss2,(MCS0)_4TX

PSD

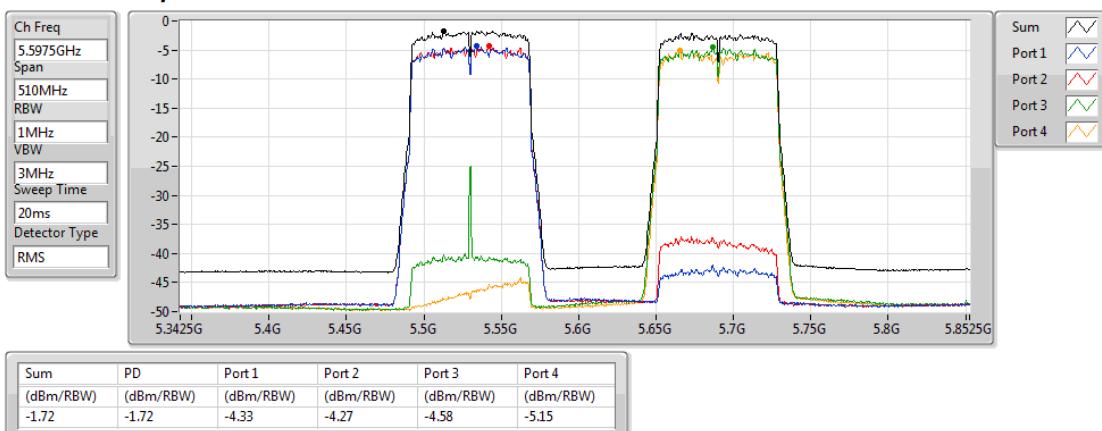
#5530MHz,#5610MHz

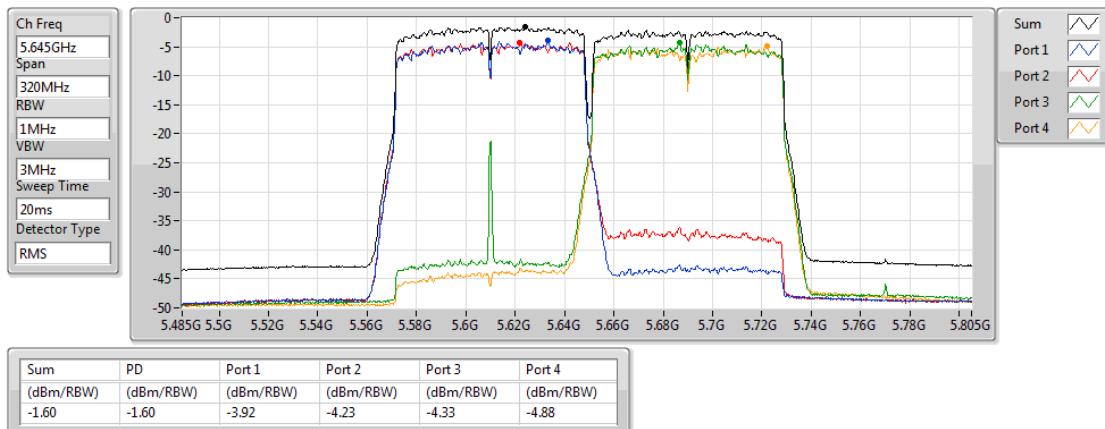
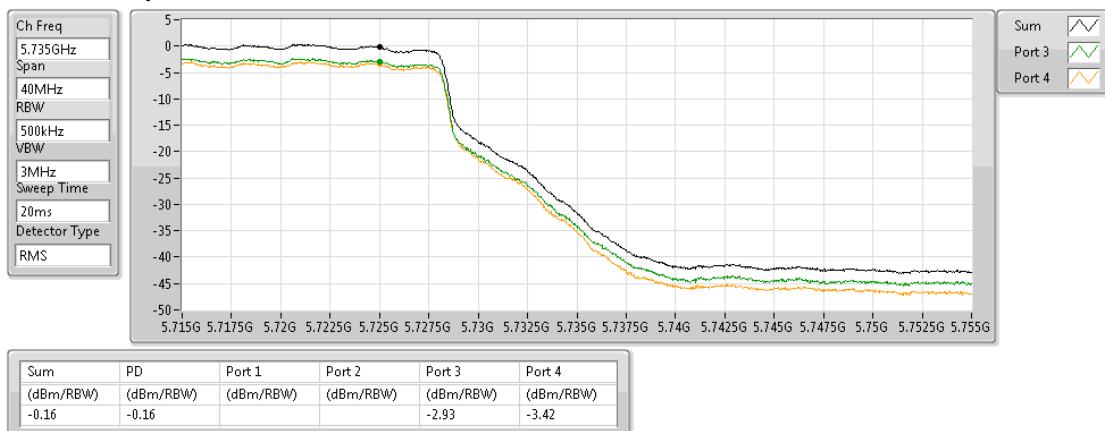
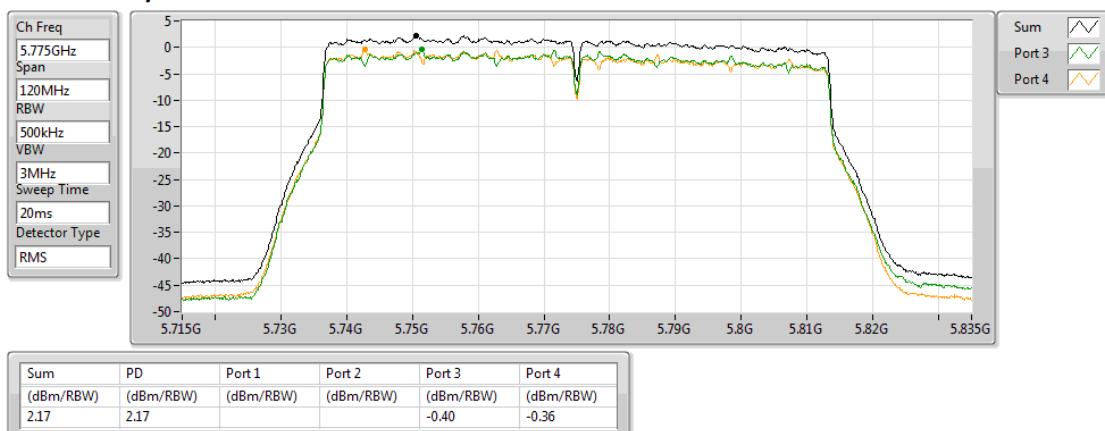


802.11ac VHT80+80_Nss2,(MCS0)_4TX

PSD

#5530MHz,#5690MHz Straddle 5.47-5.725GHz



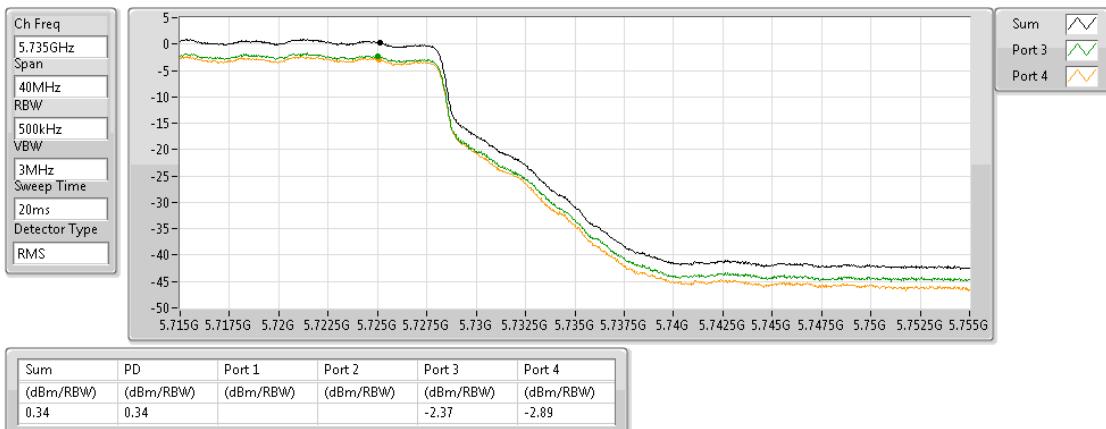
**802.11ac VHT80+80_Nss2,(MCS0)_4TX
#5610MHz,#5690MHz Straddle 5.47-5.725GHz****PSD****802.11ac VHT80+80_Nss1,(MCS0)_4TX
5210MHz,#5690MHz Straddle 5.725-5.85GHz****PSD****802.11ac VHT80+80_Nss1,(MCS0)_4TX
5210MHz,#5775MHz****PSD**



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

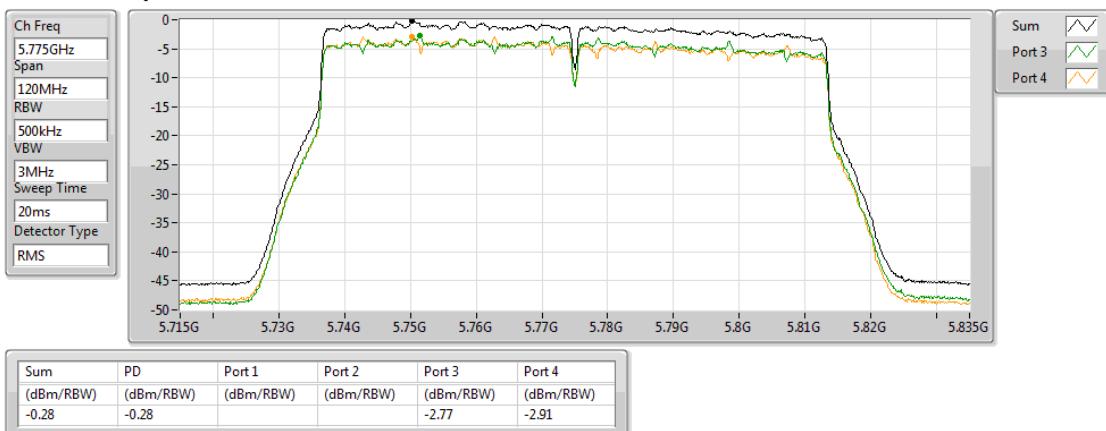
5290MHz,#5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

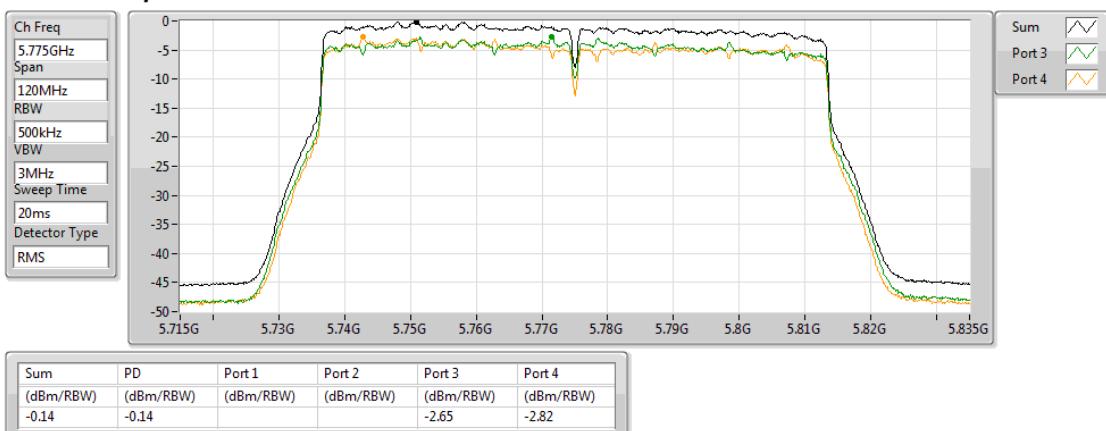
5290MHz,#5775MHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

5530MHz,#5775MHz

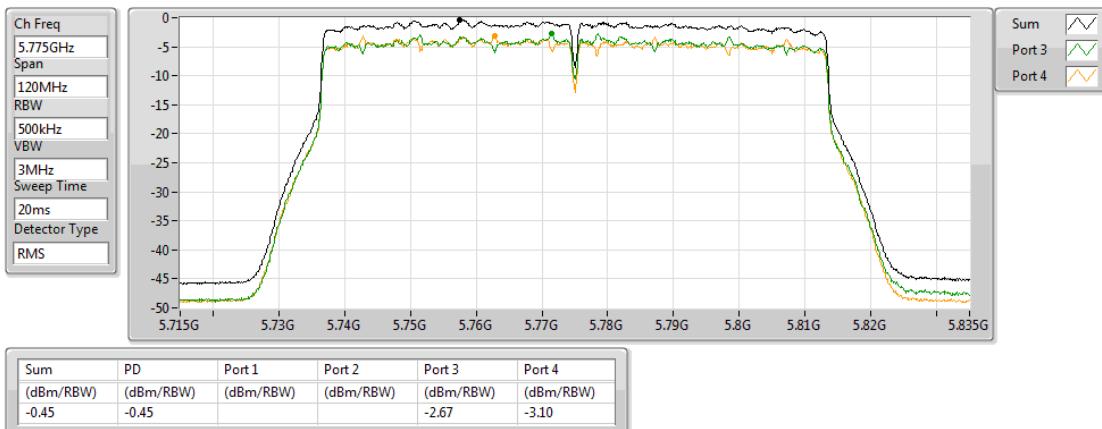




802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

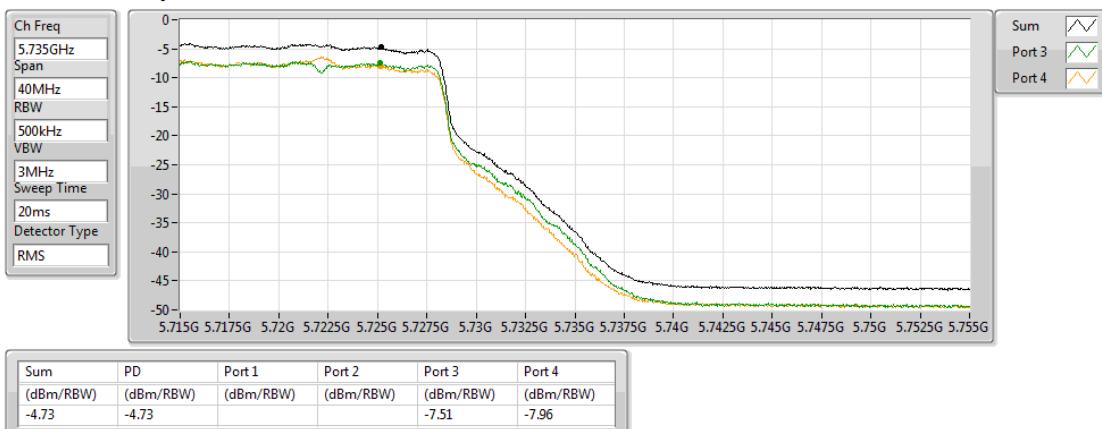
5610MHz,#5775MHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

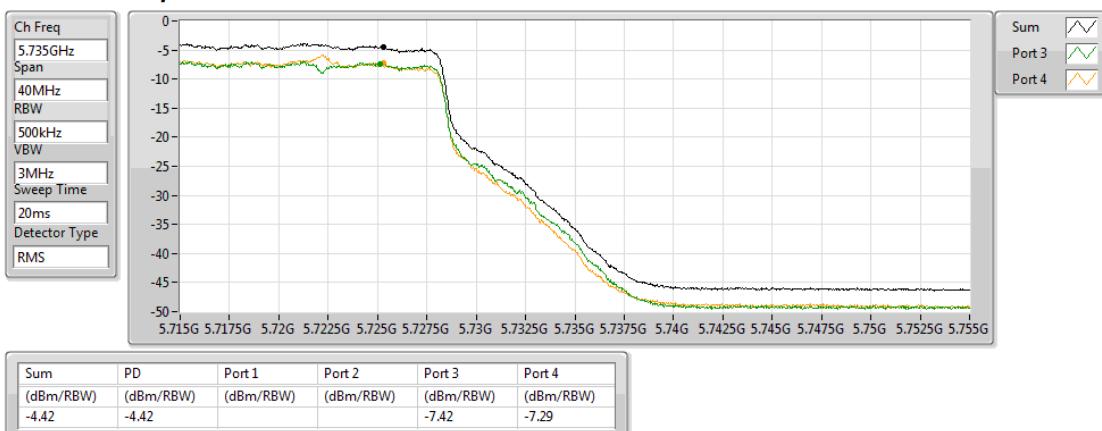
#5530MHz,#5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

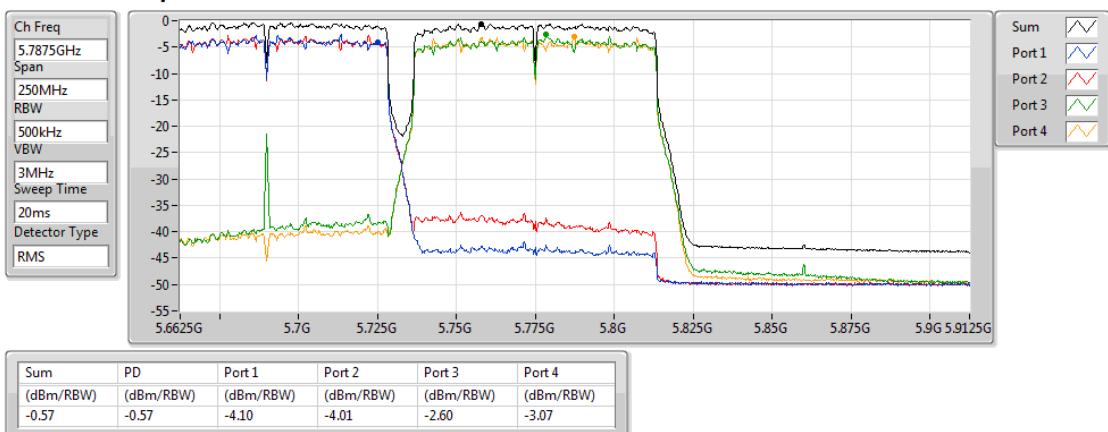
#5610MHz,#5690MHz Straddle 5.725-5.85GHz





802.11ac VHT80+80_Nss2,(MCS0)_4TX
#5690MHz,#5775MHz Straddle 5.725-5.85GHz

PSD





<For beamforming mode>

Summary

Mode	PD (dBm/RBW)
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-
5.15-5.25GHz	4.10
5.25-5.35GHz	1.30
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-
5.25-5.35GHz	2.52
5.47-5.725GHz	2.65
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-
5.47-5.725GHz	2.19
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-
5.47-5.725GHz	0.21
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-
5.47-5.725GHz	2.19
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-
5.47-5.725GHz	2.65
5.725-5.85GHz	3.44
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-
5.725-5.85GHz	1.18

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)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5210MHz,5530MHz	Pass	8.38	-0.51	-1.13			1.40	14.62
#5210MHz,5610MHz	Pass	8.38	-0.67	-1.34			1.58	14.62
#5210MHz,5690MHz	Pass	8.38	-0.57	-1.15			1.47	14.62
#5210MHz,5775MHz	Pass	8.38	1.14	1.25			4.10	14.62
#5210MHz,5290MHz	Pass	8.38	0.05	-1.01			2.01	14.62
#5290MHz,5530MHz	Pass	8.38	-0.79	-1.28			1.20	8.62
#5290MHz,5610MHz	Pass	8.38	-2.62	-3.14			-0.13	8.62
#5290MHz,5690MHz	Pass	8.38	-1.53	-1.54			0.92	8.62
#5290MHz,5775MHz	Pass	8.38	-0.85	-1.15			1.30	8.62
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	8.38			-0.15	-0.56	2.52	8.62
5210MHz,#5530MHz	Pass	8.38			-1.48	-1.44	1.41	8.62
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5530MHz,5775MHz	Pass	8.38	-1.01	-1.81			0.97	8.62
#5610MHz,5775MHz	Pass	8.38	-1.16	-1.42			1.19	8.62
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	8.38	-2.90	-2.59	-3.90	-3.61	0.21	8.62
#5530MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	8.38	-3.97	-4.05	-3.86	-4.31	-1.10	8.62
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5690MHz,#5775MHz Straddle 5.47-5.725GHz	Pass	8.38	0.09	-0.69			2.19	8.62
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz,#5610MHz	Pass	8.38			-1.95	-1.19	1.27	8.62
5210MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	8.38			-0.27	-0.44	2.65	8.62
5290MHz,#5530MHz	Pass	8.38			-1.00	-0.97	1.85	8.62
5290MHz,#5610MHz	Pass	8.38			-2.55	-2.35	0.29	8.62
5290MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	8.38			-0.67	-0.78	2.26	8.62
5210MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	8.38			-4.30	-4.59	-1.50	27.62
5210MHz,#5775MHz	Pass	8.38			0.42	0.44	3.44	27.62
5290MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	8.38			-5.09	-5.05	-2.06	27.62
5290MHz,#5775MHz	Pass	8.38			-1.23	-1.31	1.74	27.62
5530MHz,#5775MHz	Pass	8.38			-2.63	-2.85	0.26	27.62
5610MHz,#5775MHz	Pass	8.38			-3.17	-3.16	-0.19	27.62
#5530MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	8.38			-7.01	-6.64	-3.84	27.62
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5690MHz,#5775MHz Straddle 5.725-5.85GHz	Pass	8.38	-3.45	-3.42	-2.19	-1.39	1.18	27.62

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

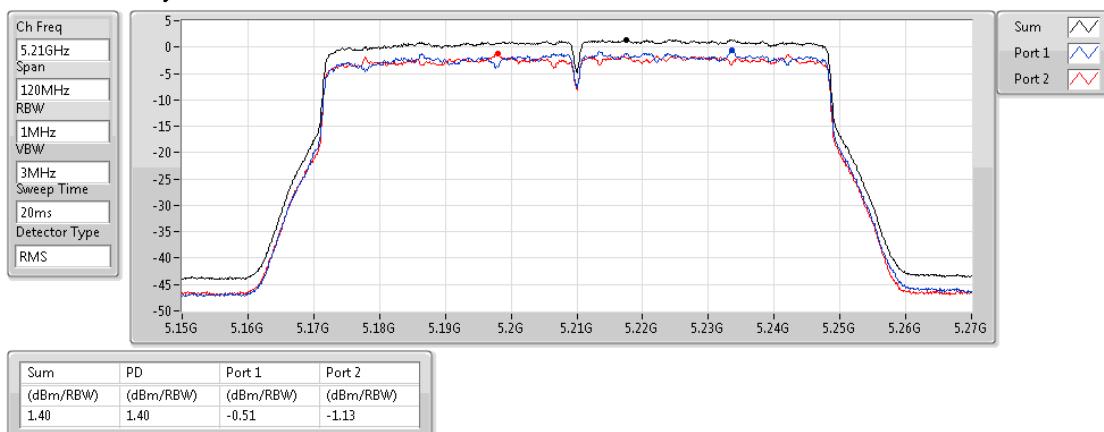
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

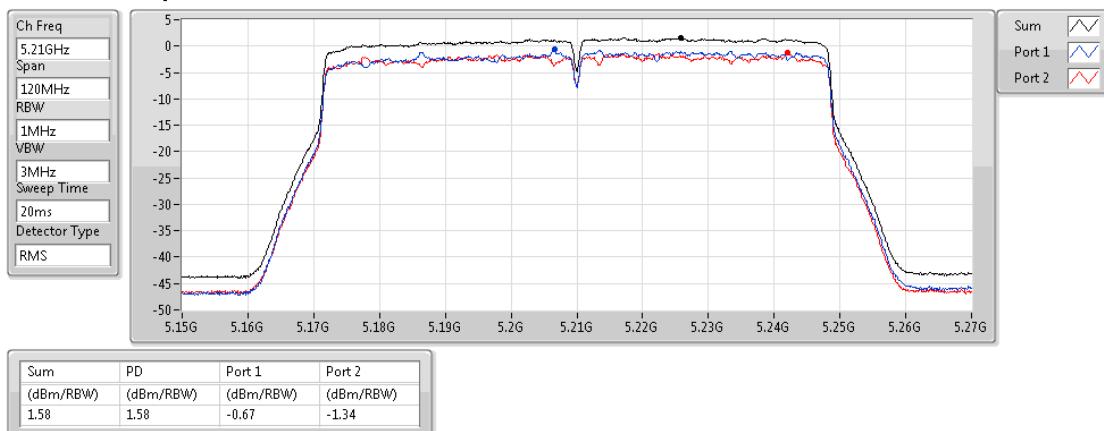
#5210MHz,5530MHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

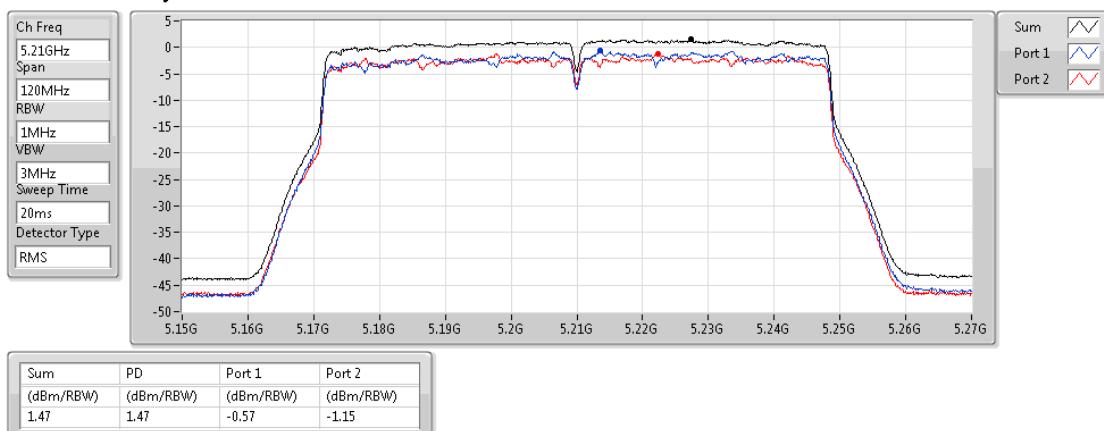
#5210MHz,5610MHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

#5210MHz,5690MHz

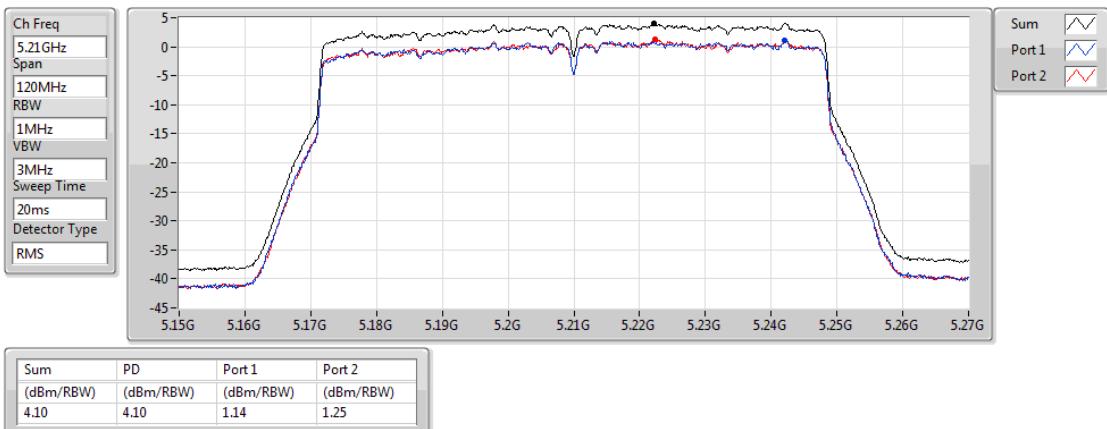




802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

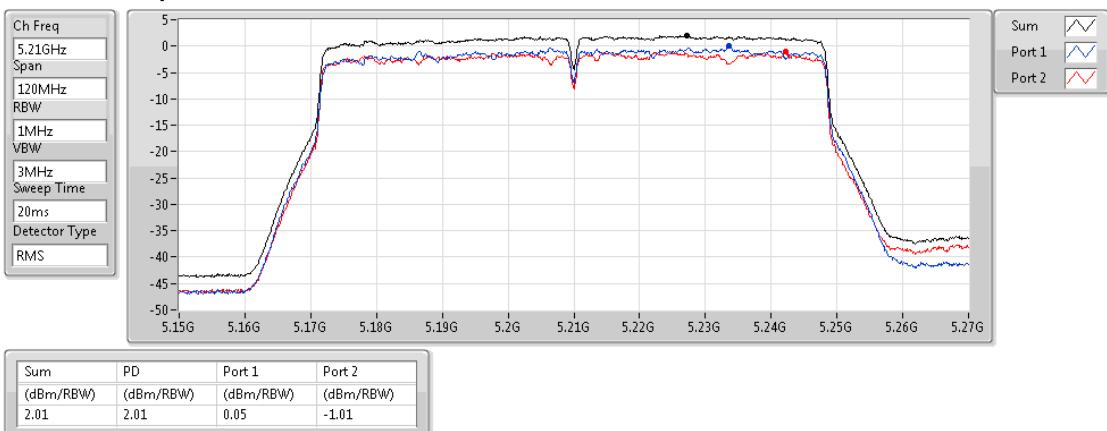
#5210MHz,5775MHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

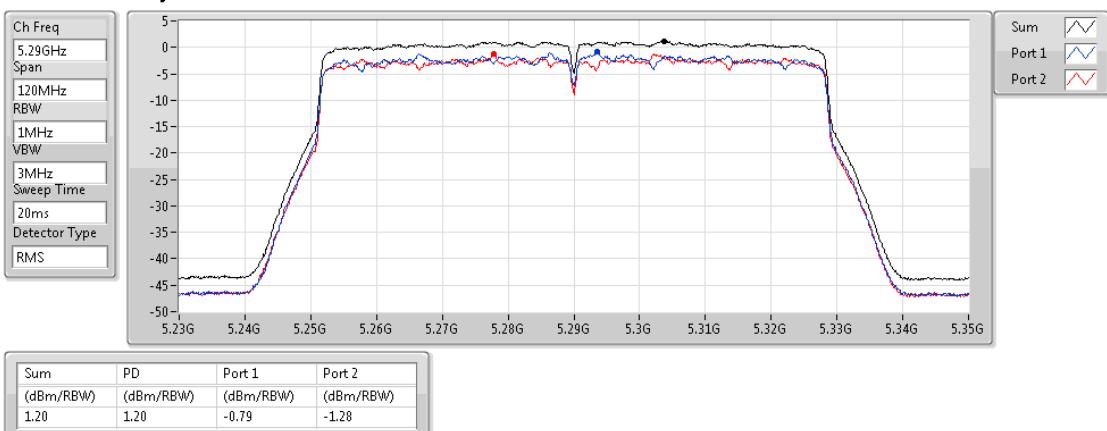
#5210MHz,5290MHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

#5290MHz,5530MHz

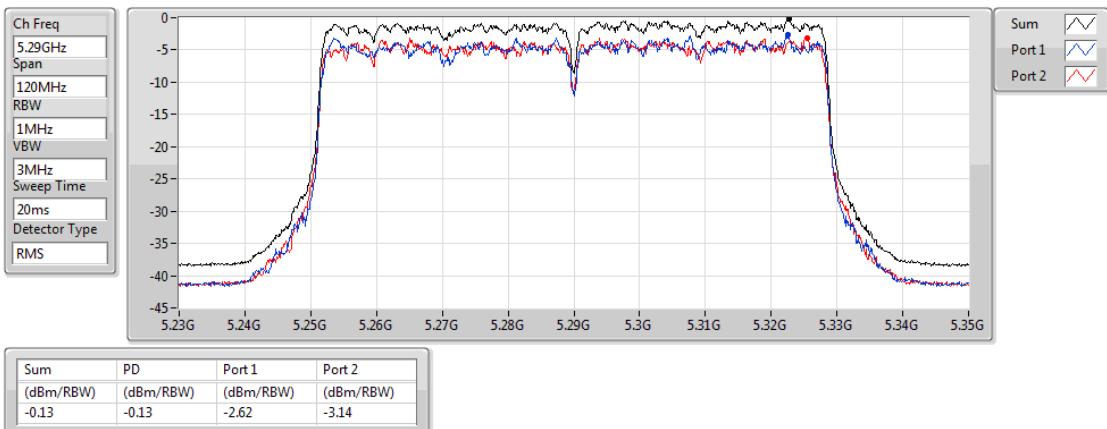




802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

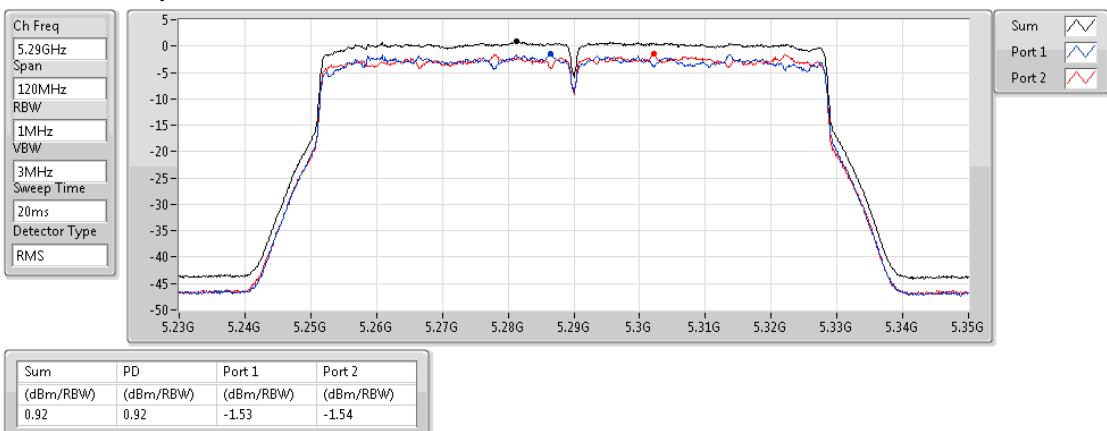
#5290MHz,5610MHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

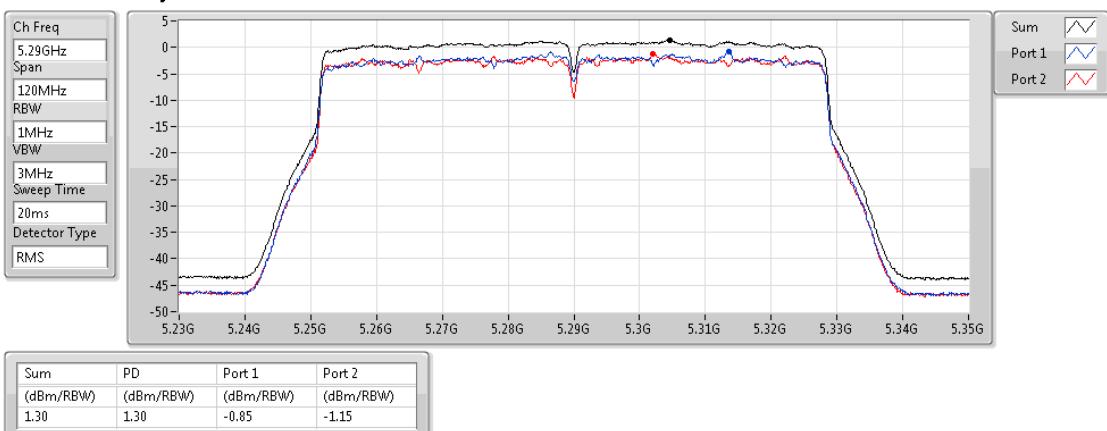
#5290MHz,5690MHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

#5290MHz,5775MHz





802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz,#5290MHz

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



Sum	/\
Port 3	/\
Port 4	/\

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.52	2.52			-0.15	-0.56

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz,#5530MHz

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



Sum	/\
Port 3	/\
Port 4	/\

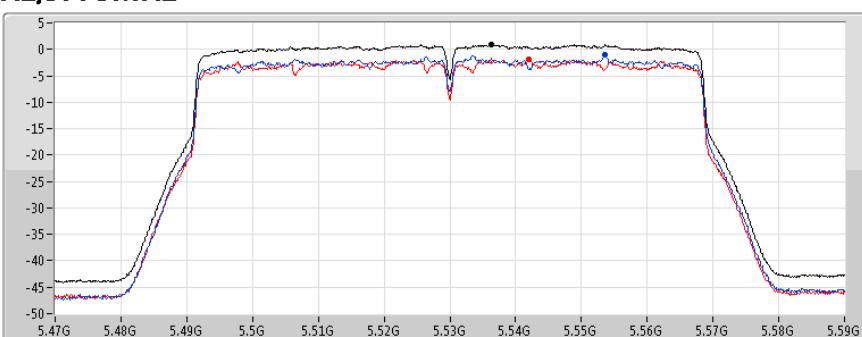
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.41	1.41			-1.48	-1.44

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

#5530MHz,5775MHz

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



Sum	/\
Port 1	/\
Port 2	/\

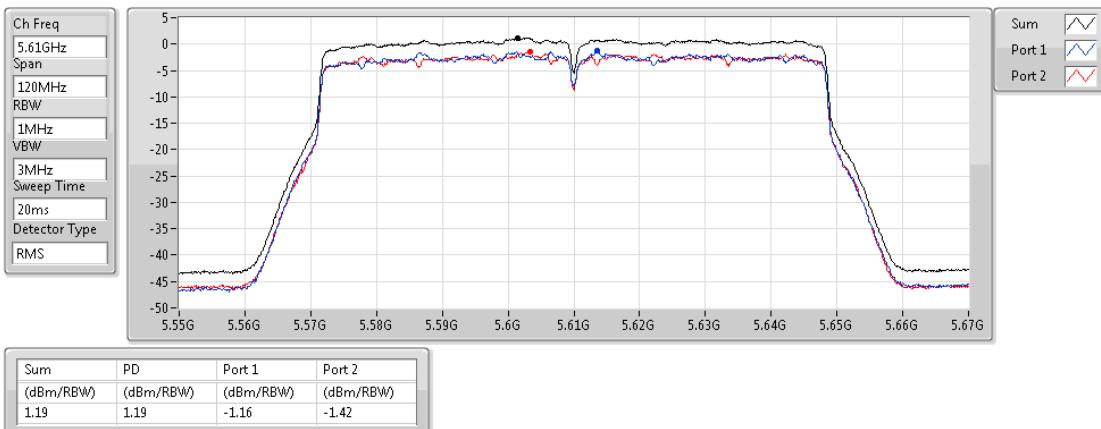
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.97	0.97	-1.01	-1.81



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

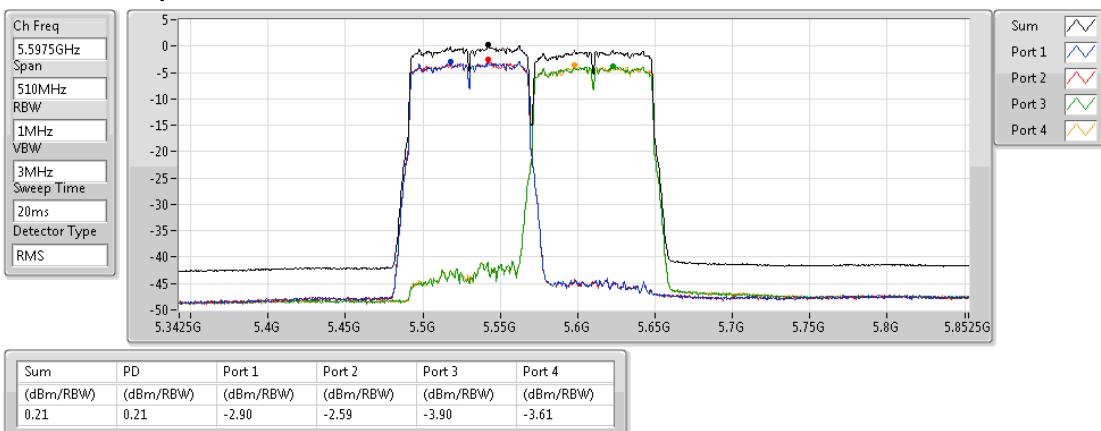
#5610MHz,5775MHz



802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX

PSD

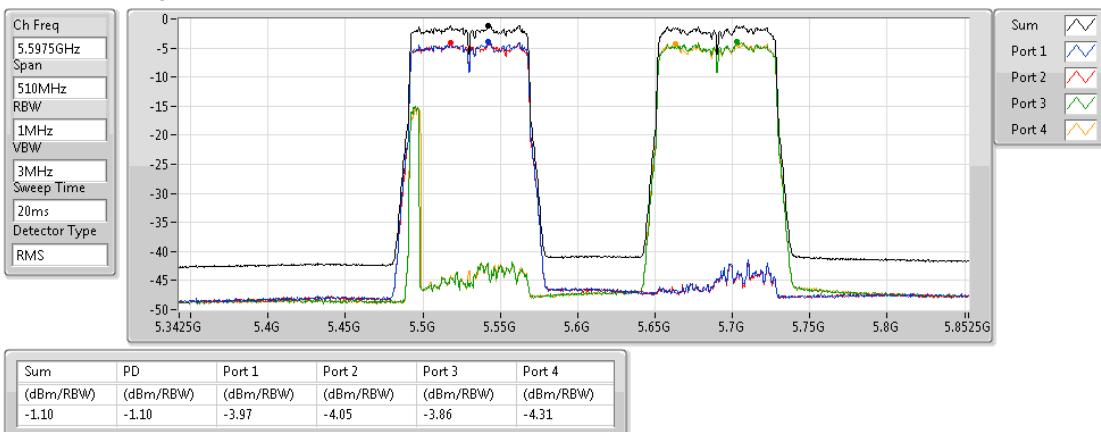
#5530MHz,#5610MHz



802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX

PSD

#5530MHz,#5690MHz Straddle 5.47-5.725GHz



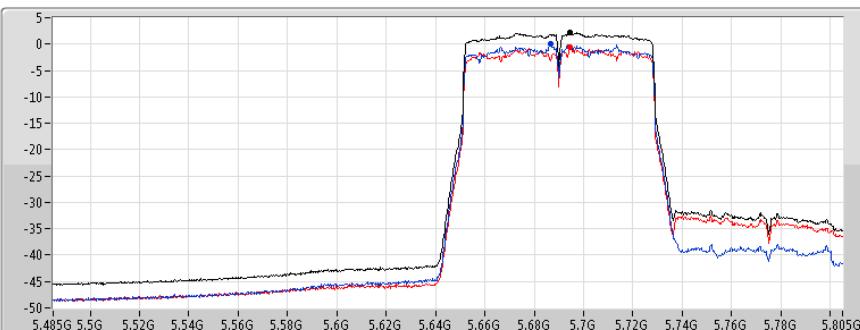


802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

#5690MHz,#5775MHz Straddle 5.47-5.725GHz

Ch Freq
5.645GHz
Span
320MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.19	2.19	0.09	-0.69

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz,#5610MHz

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



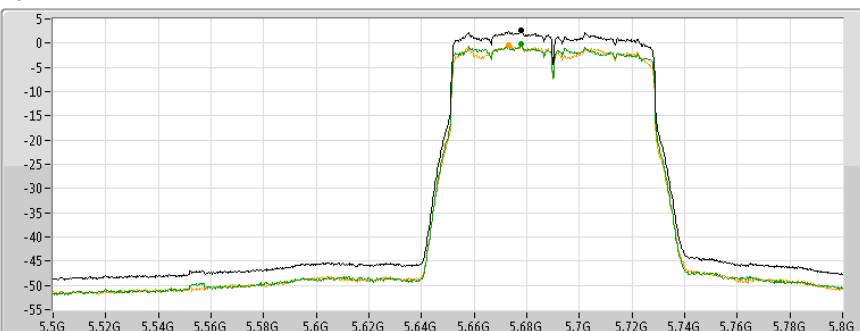
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.27	1.27			-1.95	-1.19

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz,#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	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.65	2.65			-0.27	-0.44



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz,#5530MHz

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



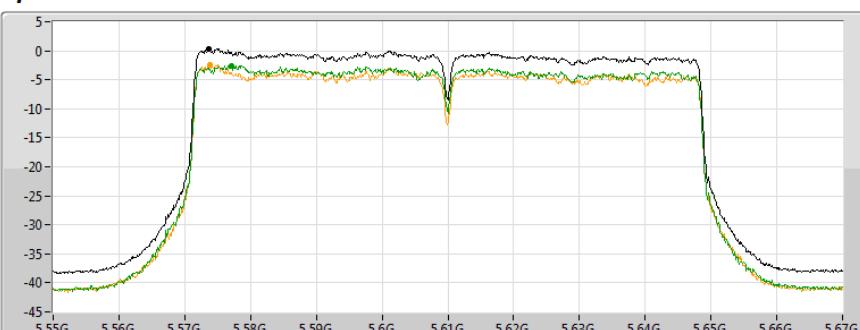
Sum
Port 3
Port 4

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz,#5610MHz

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



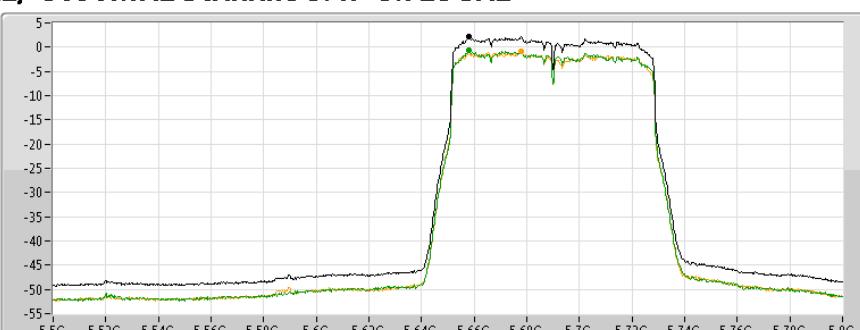
Sum
Port 3
Port 4

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

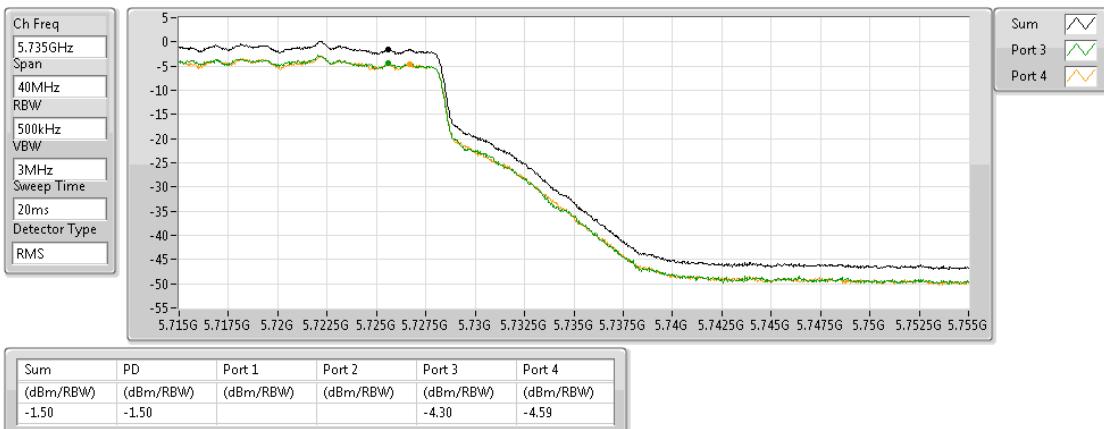
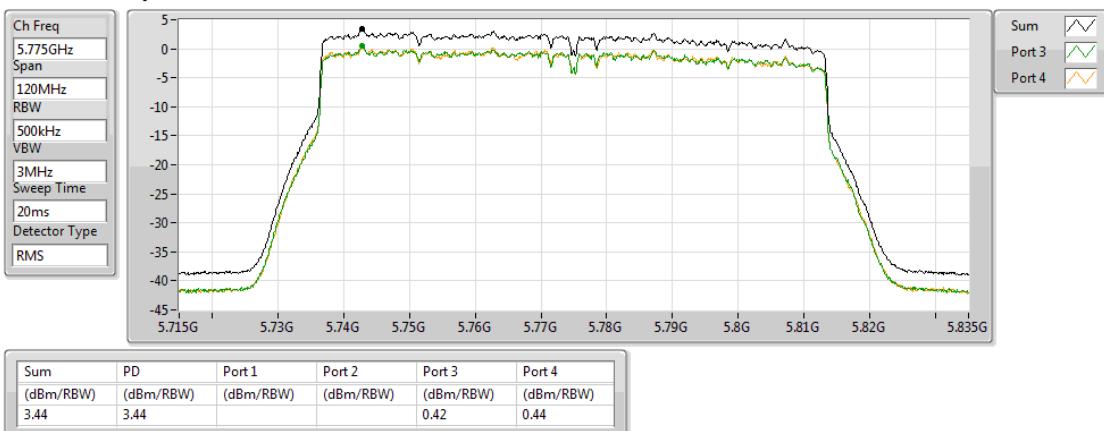
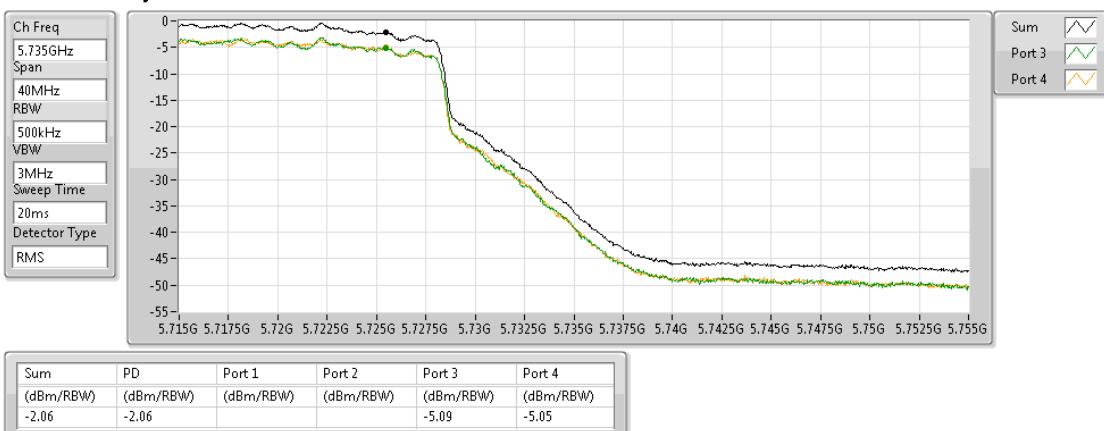
5290MHz,#5690MHz Straddle 5.47-5.725GHz

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



Sum
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.26	2.26			-0.67	-0.78

**802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX****PSD****5210MHz,#5690MHz Straddle 5.725-5.85GHz****802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX****PSD****5210MHz,#5775MHz****802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX****PSD****5290MHz,#5690MHz Straddle 5.725-5.85GHz**



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz,#5775MHz

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



Sum	/\
Port 3	/\
Port 4	/\

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz,#5775MHz

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



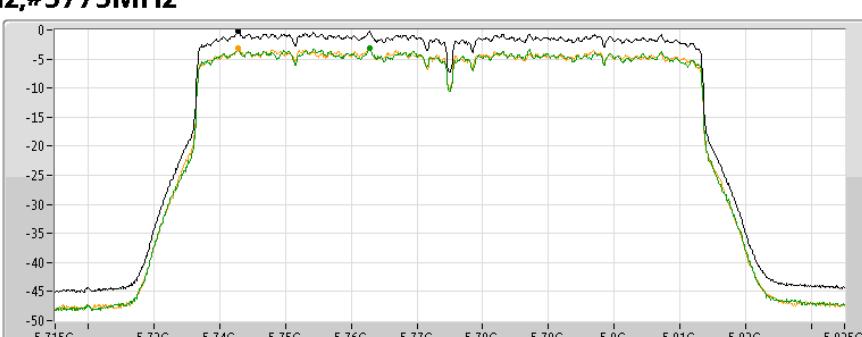
Sum	/\
Port 3	/\
Port 4	/\

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz,#5775MHz

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



Sum	/\
Port 3	/\
Port 4	/\

SPORTON INTERNATIONAL INC.

Page No. : 1003 of 3439

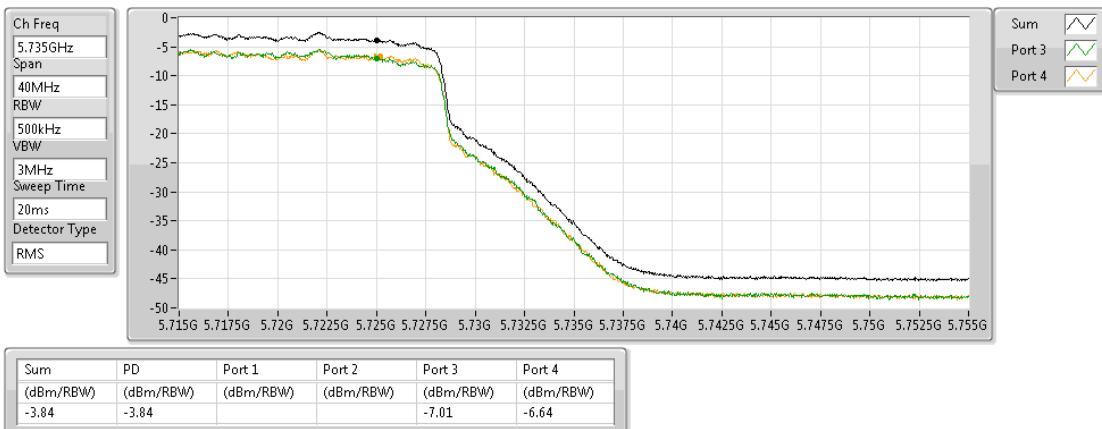
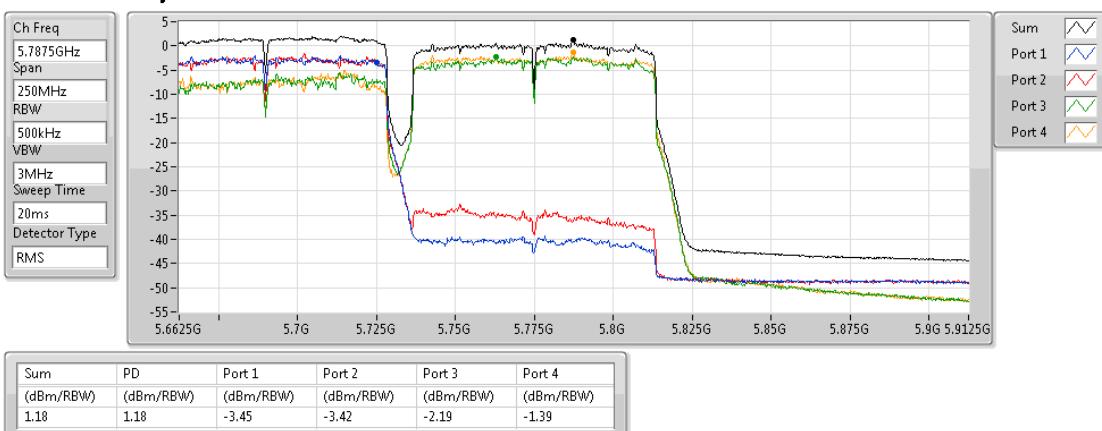
TEL : 886-3-3273456

Report Version : Rev. 02

FAX : 886-3-3270973

Issued Date : Oct. 25, 2017

FCC ID: UDX-60064010

**802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX
#5530MHz,#5690MHz Straddle 5.725-5.85GHz****PSD****802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX
#5690MHz,#5775MHz Straddle 5.725-5.85GHz****PSD**



For set 4 antenna / 4T2S

<For non-beamforming mode>

Summary

Mode	PD (dBm/RBW)
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.15-5.25GHz	5.85
5.25-5.35GHz	3.71
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.25-5.35GHz	3.95
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.47-5.725GHz	5.01
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.47-5.725GHz	5.55
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-
5.47-5.725GHz	1.89
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.725-5.85GHz	3.93
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-
5.725-5.85GHz	2.90

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)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
#5210MHz,5530MHz	Pass	6.74	2.40	2.11			4.84	16.26
#5210MHz,5610MHz	Pass	6.74	3.26	3.16			5.85	16.26
#5210MHz,5690MHz	Pass	6.74	3.33	2.98			5.81	16.26
#5210MHz,5775MHz	Pass	6.74	3.42	3.22			5.67	16.26
#5210MHz,5290MHz	Pass	6.74	1.84	1.66			4.23	16.26
#5290MHz,5530MHz	Pass	6.74	1.08	1.16			3.58	10.26
#5290MHz,5610MHz	Pass	6.74	1.39	1.16			3.71	10.26
#5290MHz,5690MHz	Pass	6.74	1.28	1.27			3.67	10.26
#5290MHz,5775MHz	Pass	6.74	1.27	1.38			3.64	10.26
5210MHz,#5290MHz	Pass	6.74			1.38	1.34	3.95	10.26
#5530MHz,5775MHz	Pass	6.74	2.59	2.20			4.99	10.26
#5610MHz,5775MHz	Pass	6.74	2.52	2.30			5.01	10.26
#5690MHz,#5775MHz Straddle 5.47-5.725GHz	Pass	6.74	2.40	1.94			4.76	10.26
5210MHz,#5530MHz	Pass	6.74			2.12	1.82	4.66	10.26
5210MHz,#5610MHz	Pass	6.74			2.83	2.77	5.55	10.26
5210MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	6.74			2.66	2.54	5.35	10.26
5290MHz,#5530MHz	Pass	6.74			0.90	0.74	3.66	10.26
5290MHz,#5610MHz	Pass	6.74			0.85	0.51	3.31	10.26
5290MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	6.74			0.73	0.25	3.29	10.26
#5530MHz,#5610MHz	Pass	6.74	-0.60	-0.95	-0.81	-1.31	1.82	10.26
#5530MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	6.74	-0.63	-1.22	-0.95	-1.56	1.79	10.26
#5610MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	6.74	-0.43	-0.80	-0.88	-1.60	1.89	10.26
5210MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	6.74			-0.71	-0.83	2.16	29.26
5210MHz,#5775MHz	Pass	6.74			1.21	1.10	3.93	29.26
5290MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	6.74			-2.37	-2.89	0.34	29.26
5290MHz,#5775MHz	Pass	6.74			-0.54	-0.74	1.87	29.26
5530MHz,#5775MHz	Pass	6.74			0.83	0.92	3.28	29.26
5610MHz,#5775MHz	Pass	6.74			0.71	0.69	3.37	29.26
#5530MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	6.74			-4.46	-4.60	-1.62	29.26
#5610MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	6.74			-4.01	-4.17	-1.12	29.26
#5690MHz,#5775MHz Straddle 5.725-5.85GHz	Pass	6.74	-1.09	-0.73	0.70	0.41	2.90	29.26

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

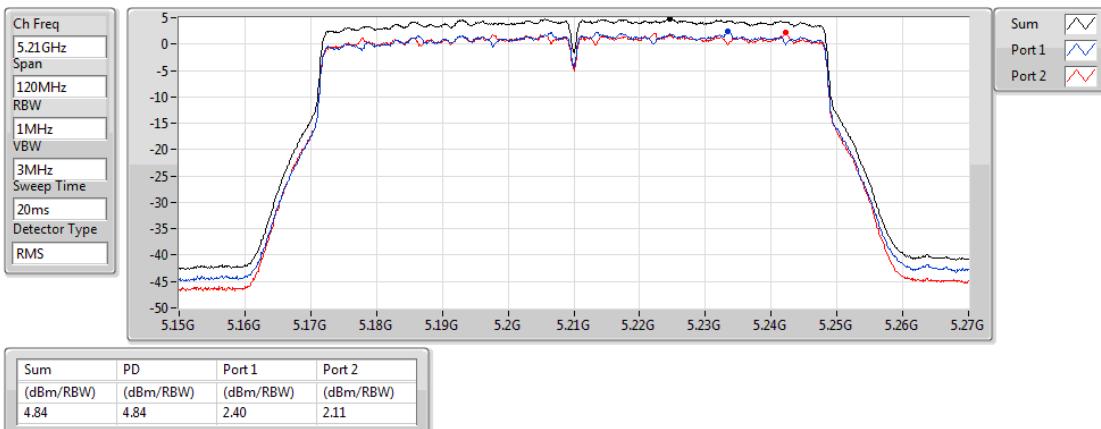
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

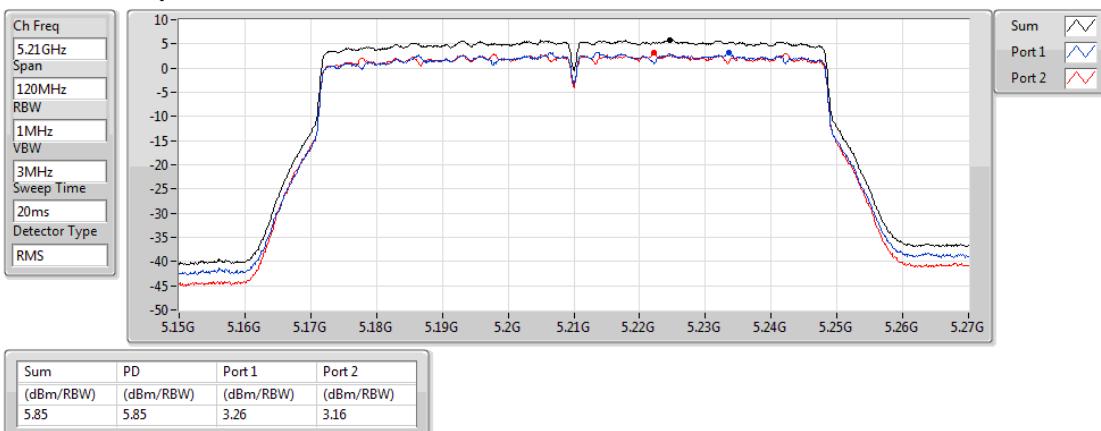
#5210MHz,5530MHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

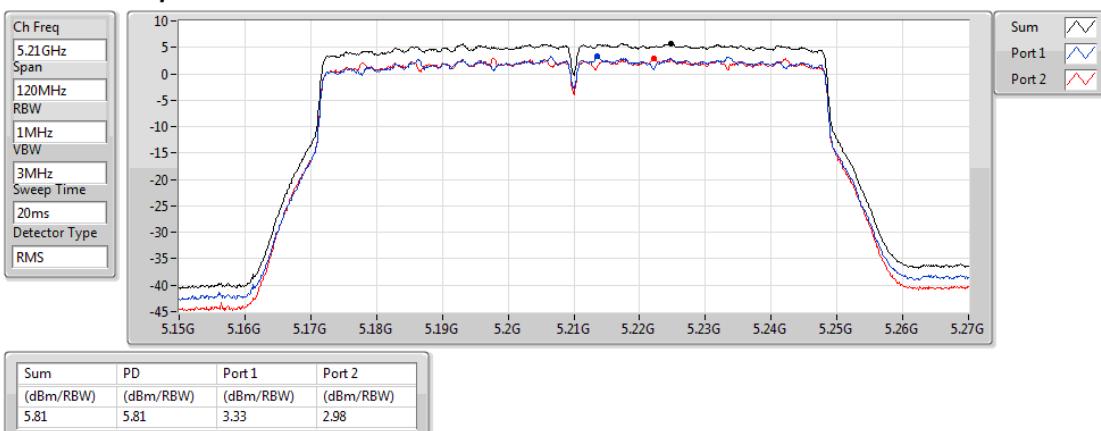
#5210MHz,5610MHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5210MHz,5690MHz

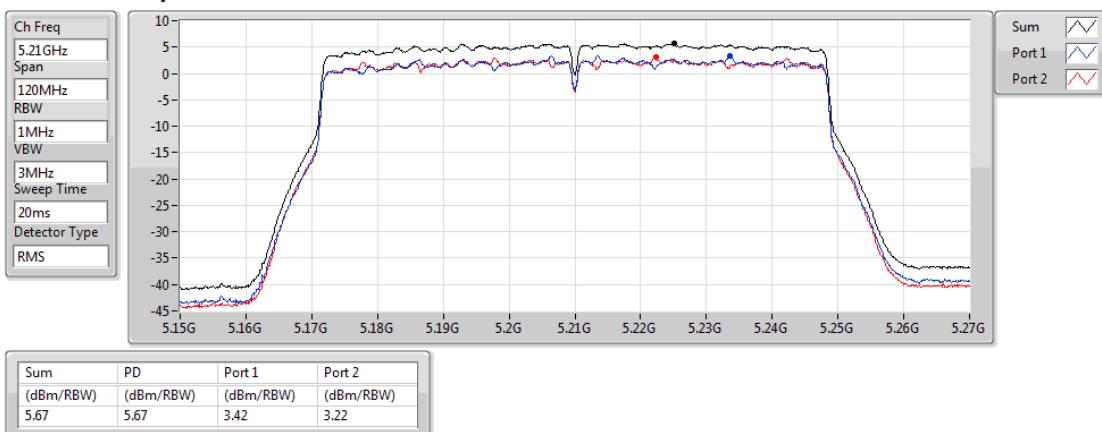




802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

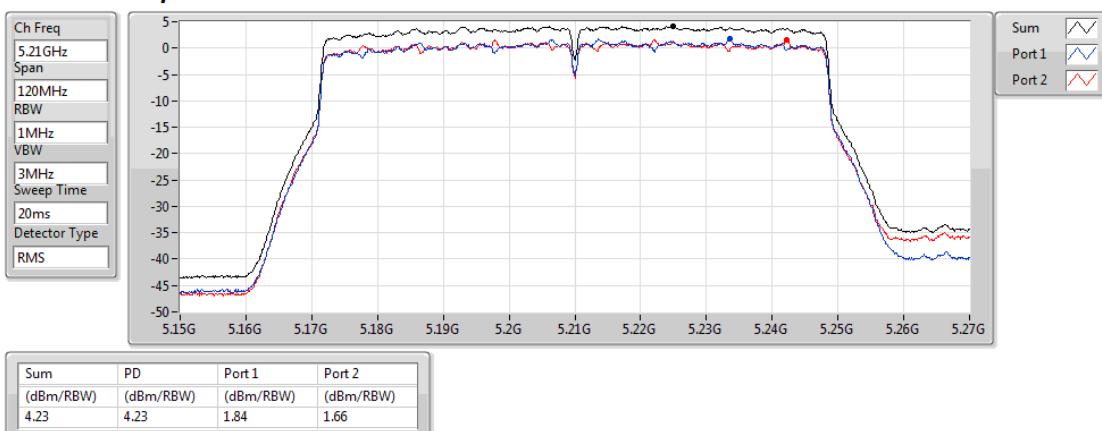
#5210MHz,5775MHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

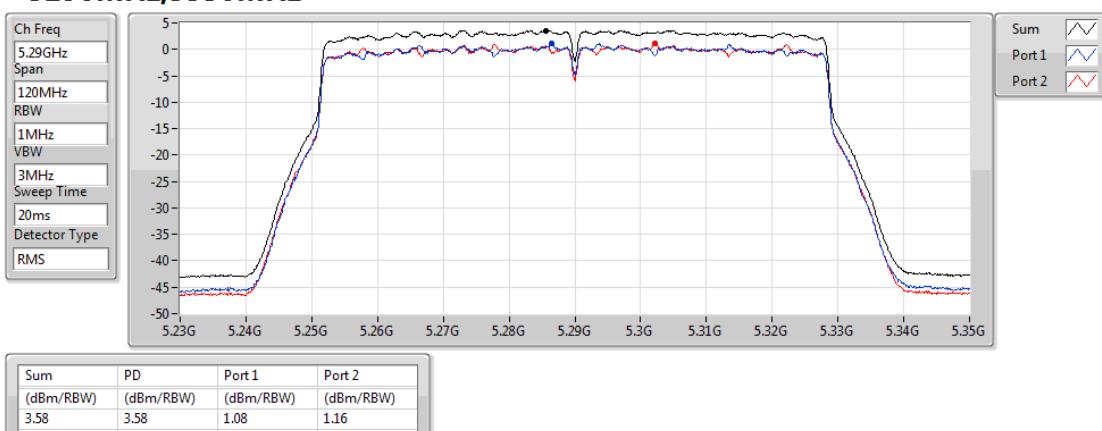
#5210MHz,5290MHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5290MHz,5530MHz



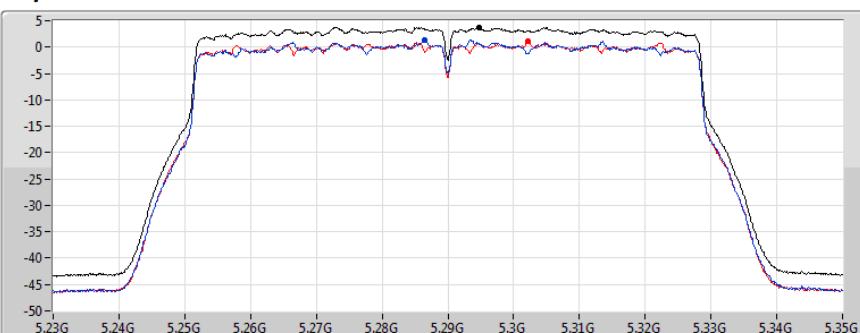


802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5290MHz,5610MHz

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



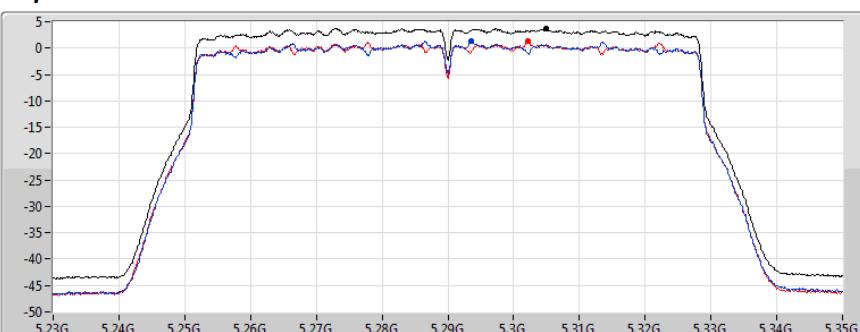
Sum
Port 1
Port 2

802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5290MHz,5690MHz

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



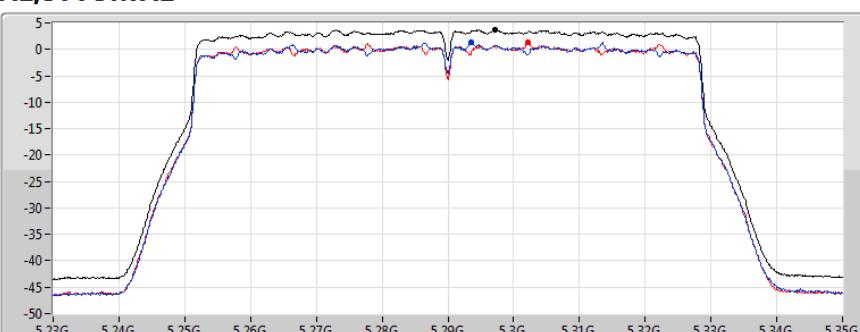
Sum
Port 1
Port 2

802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5290MHz,5775MHz

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

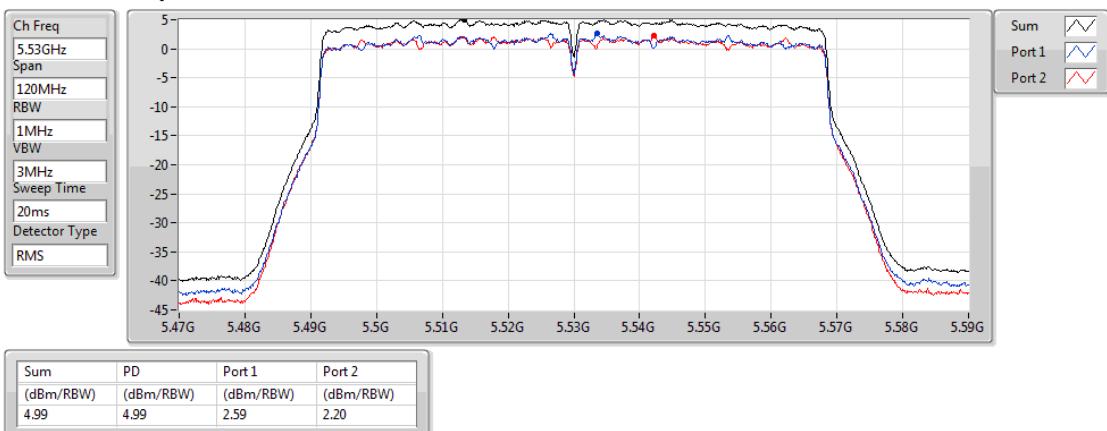
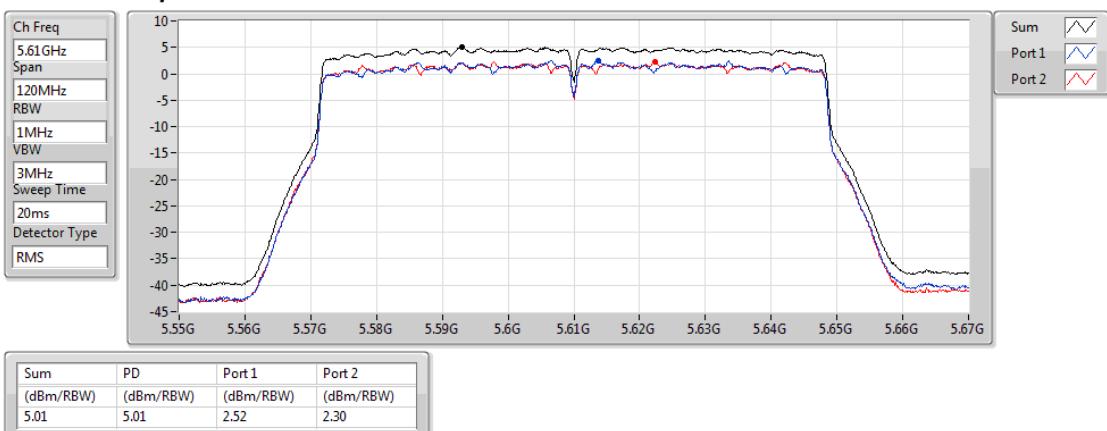


Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.71	3.71	1.39	1.16

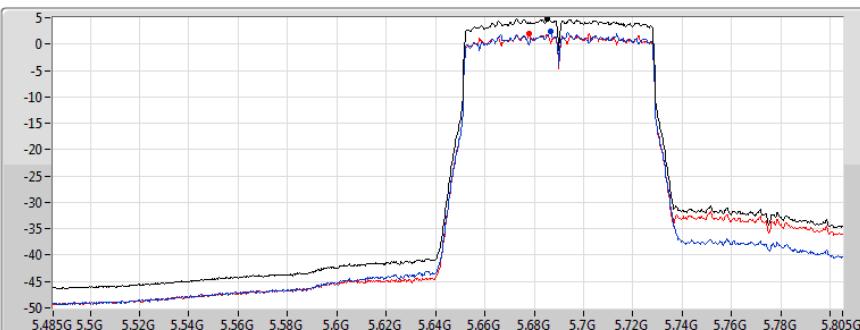
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.67	3.67	1.28	1.27

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.64	3.64	1.27	1.38

**802.11ac VHT80+80_Nss1,(MCS0)_4TX****PSD****5210MHz,#5290MHz****802.11ac VHT80+80_Nss1,(MCS0)_4TX****PSD****#5530MHz,5775MHz****802.11ac VHT80+80_Nss1,(MCS0)_4TX****PSD****#5610MHz,5775MHz**

**802.11ac VHT80+80_Nss1,(MCS0)_4TX
#5690MHz,#5775MHz Straddle 5.47-5.725GHz****PSD**

Ch Freq
5.645GHz
Span
320MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

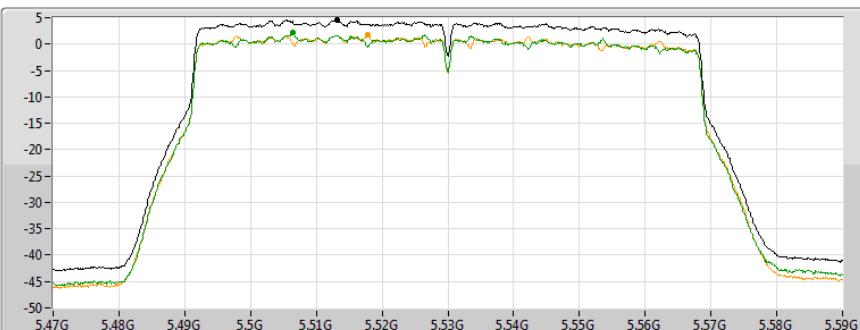


Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.76	4.76	2.40	1.94

**802.11ac VHT80+80_Nss1,(MCS0)_4TX
5210MHz,#5530MHz****PSD**

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



Sum
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.66	4.66			2.12	1.82

**802.11ac VHT80+80_Nss1,(MCS0)_4TX
5210MHz,#5610MHz****PSD**

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



Sum
Port 3
Port 4

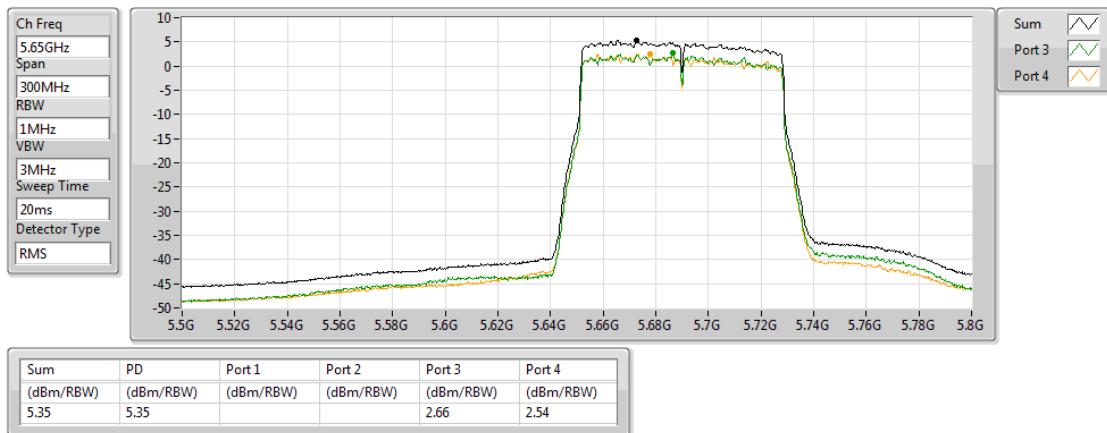
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.55	5.55			2.83	2.77



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

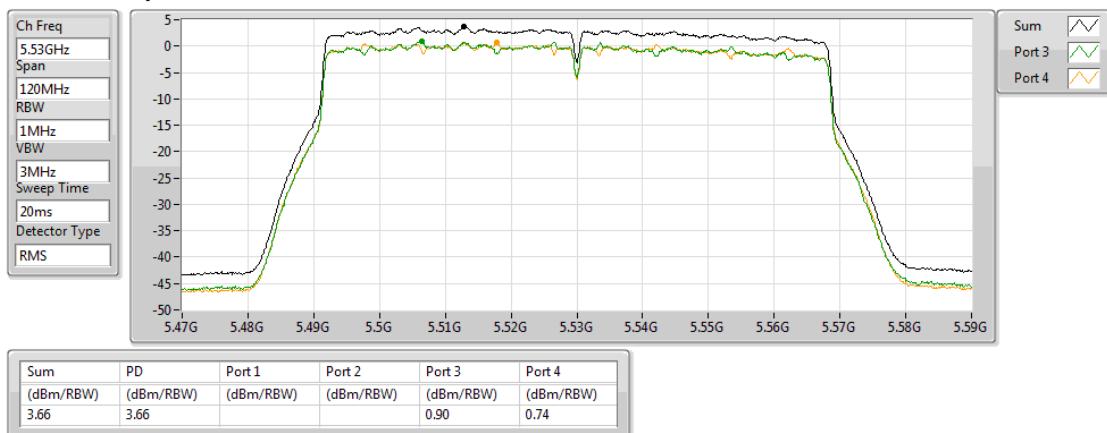
5210MHz,#5690MHz Straddle 5.47-5.725GHz



802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

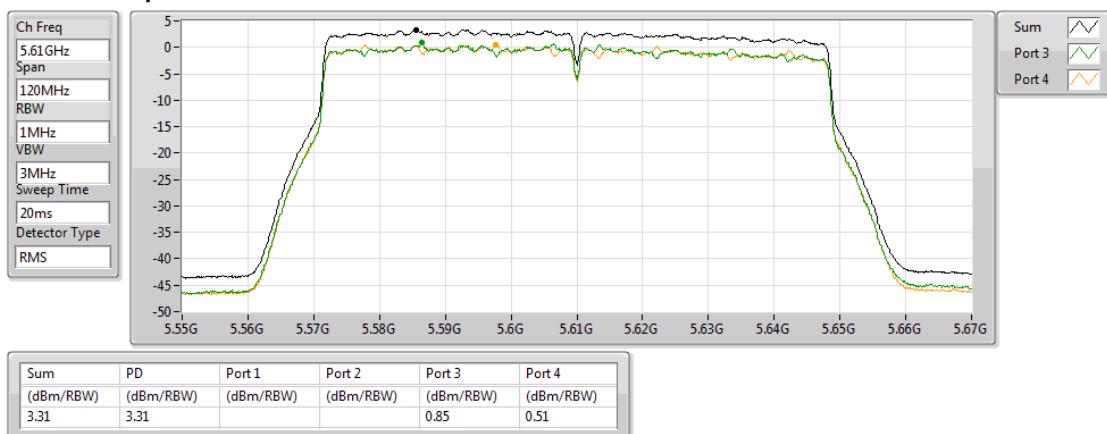
5290MHz,#5530MHz

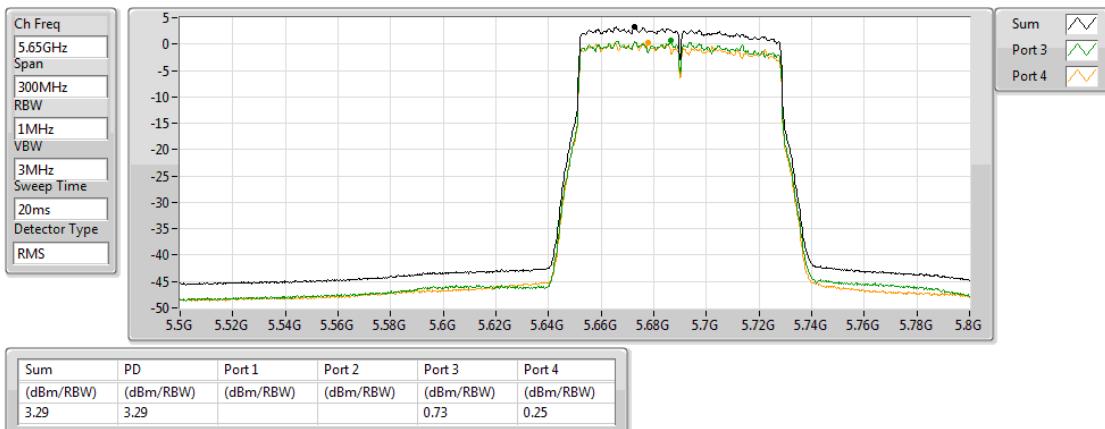
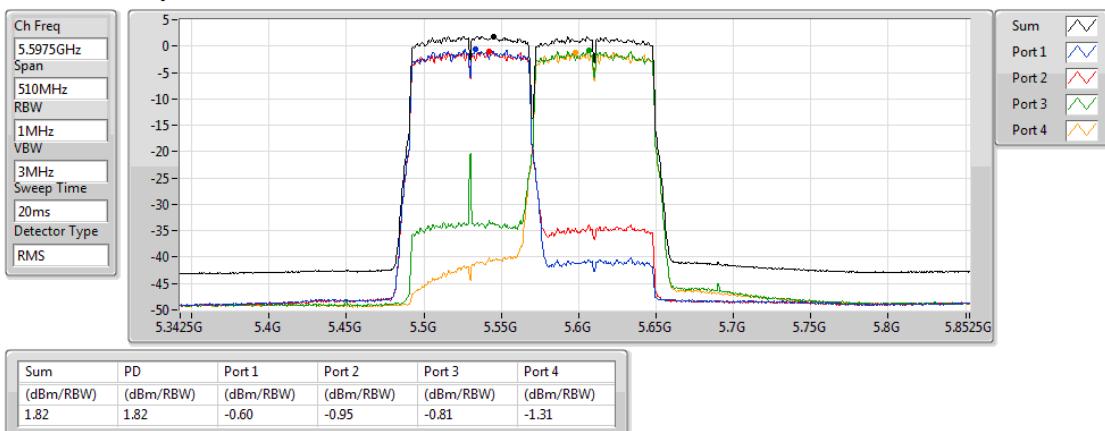
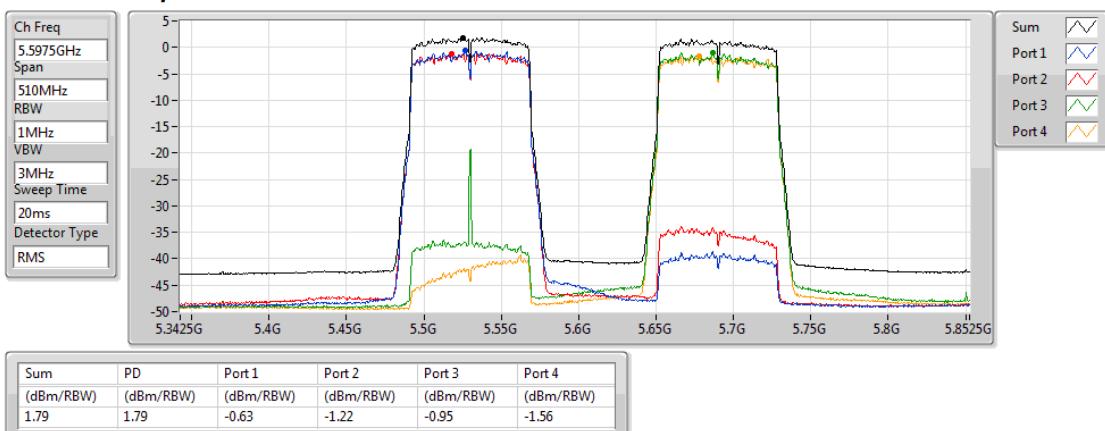


802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

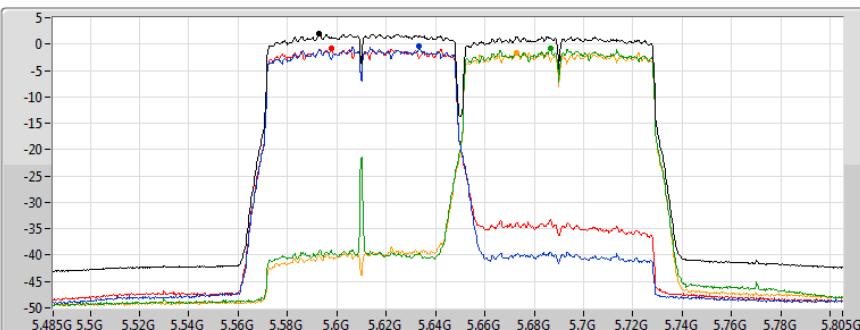
5290MHz,#5610MHz



**802.11ac VHT80+80_Nss1,(MCS0)_4TX****PSD****5290MHz,#5690MHz Straddle 5.47-5.725GHz****802.11ac VHT80+80_Nss2,(MCS0)_4TX****PSD****#5530MHz,#5610MHz****802.11ac VHT80+80_Nss2,(MCS0)_4TX****PSD****#5530MHz,#5690MHz Straddle 5.47-5.725GHz**

**802.11ac VHT80+80_Nss2,(MCS0)_4TX
#5610MHz,#5690MHz Straddle 5.47-5.725GHz****PSD**

Ch Freq
5.645GHz
Span
320MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

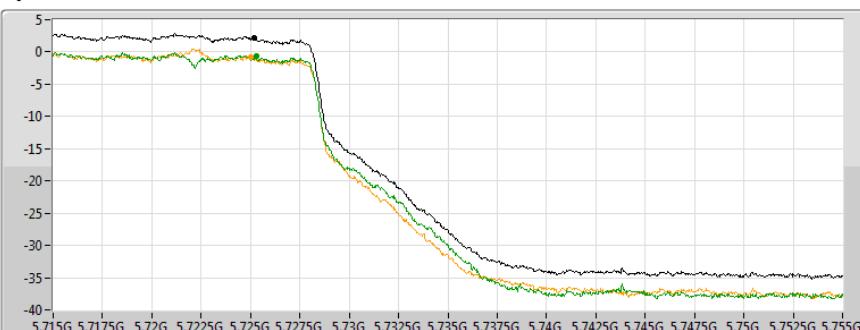


Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.89	1.89	-0.43	-0.80	-0.88	-1.60

**802.11ac VHT80+80_Nss1,(MCS0)_4TX
5210MHz,#5690MHz Straddle 5.725-5.85GHz****PSD**

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



Sum
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.16	2.16			-0.71	-0.83

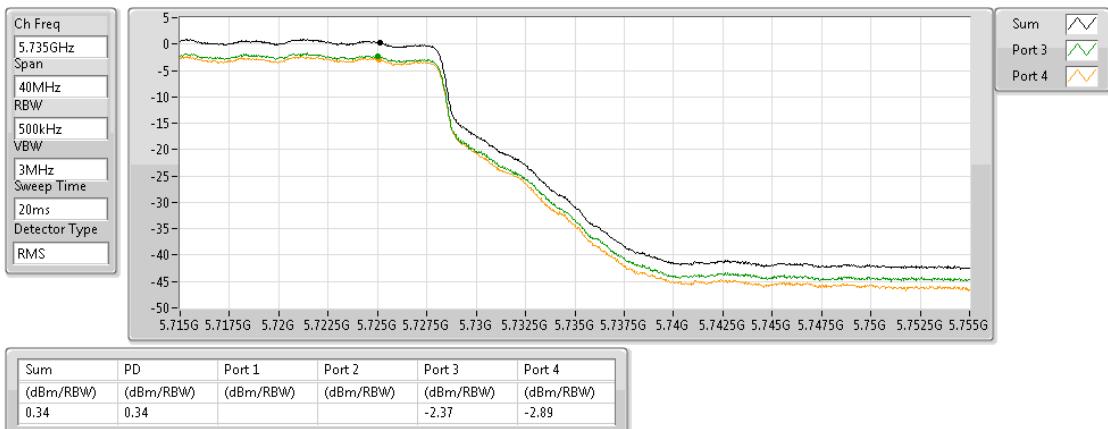
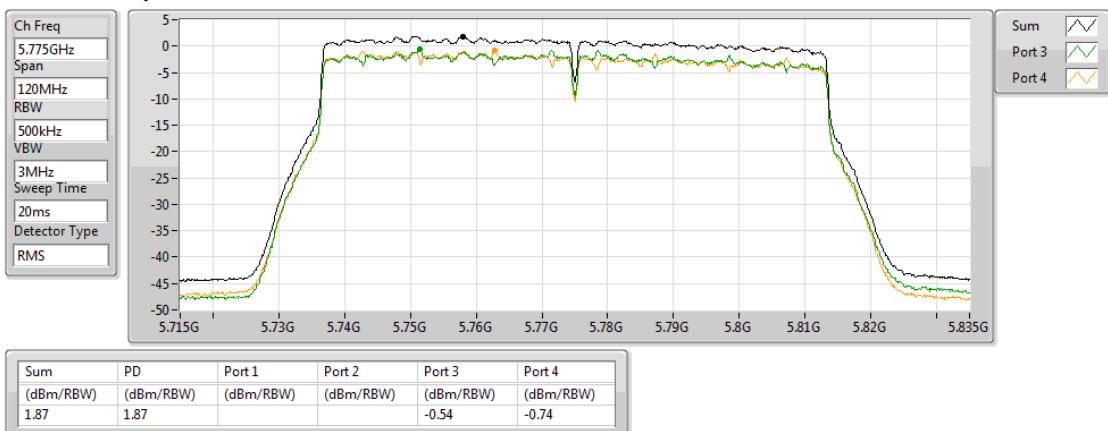
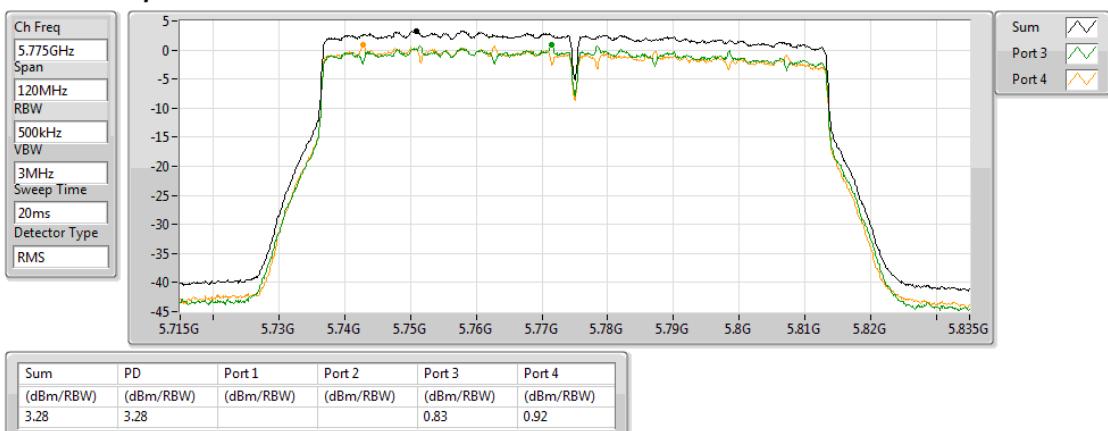
**802.11ac VHT80+80_Nss1,(MCS0)_4TX
5210MHz,#5775MHz****PSD**

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



Sum
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.93	3.93			1.21	1.10

**802.11ac VHT80+80_Nss1,(MCS0)_4TX****PSD****5290MHz,#5690MHz Straddle 5.725-5.85GHz****802.11ac VHT80+80_Nss1,(MCS0)_4TX****PSD****5290MHz,#5775MHz****802.11ac VHT80+80_Nss1,(MCS0)_4TX****PSD****5530MHz,#5775MHz**

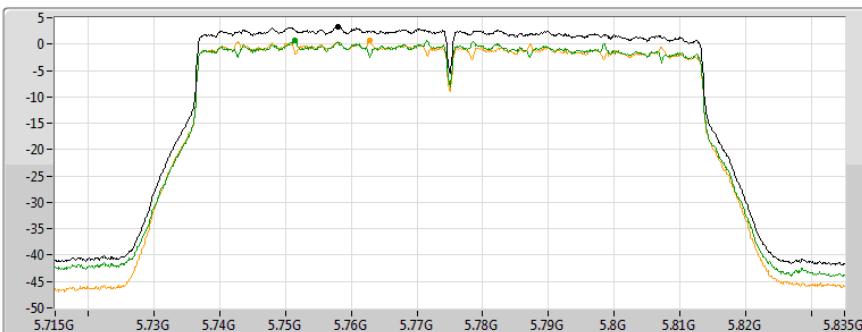


802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

5610MHz,#5775MHz

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



Sum
Port 3
Port 4

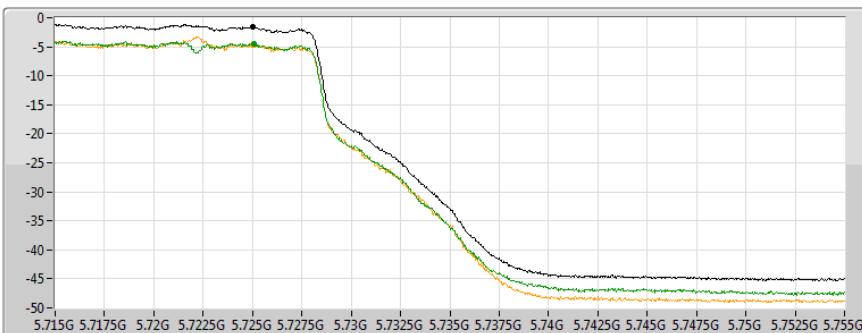
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.37	3.37			0.71	0.69

802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

#5530MHz,#5690MHz Straddle 5.725-5.85GHz

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



Sum
Port 3
Port 4

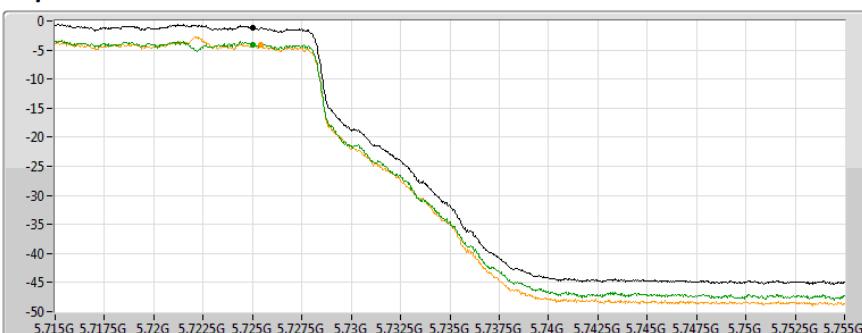
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.62	-1.62			-4.46	-4.60

802.11ac VHT80+80_Nss1,(MCS0)_4TX

PSD

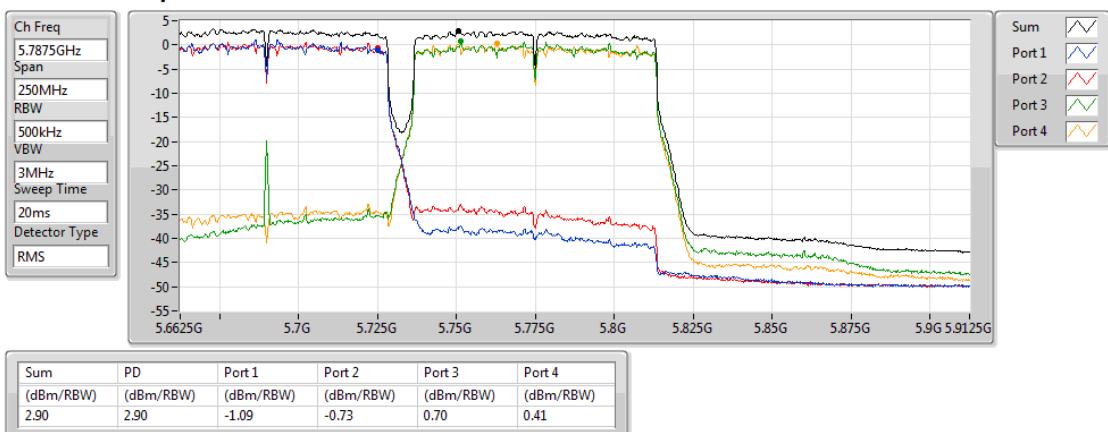
#5610MHz,#5690MHz Straddle 5.725-5.85GHz

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



Sum
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.12	-1.12			-4.01	-4.17

**802.11ac VHT80+80_Nss2,(MCS0)_4TX
#5690MHz,#5775MHz Straddle 5.725-5.85GHz****PSD**



<For beamforming mode>

Summary

Mode	PD (dBm/RBW)
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-
5.15-5.25GHz	4.10
5.25-5.35GHz	2.91
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-
5.25-5.35GHz	2.89
5.47-5.725GHz	4.25
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-
5.47-5.725GHz	4.39
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-
5.47-5.725GHz	2.62
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-
5.47-5.725GHz	4.39
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-
5.47-5.725GHz	4.25
5.725-5.85GHz	4.91
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-
5.725-5.85GHz	5.03

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)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5210MHz,5530MHz	Pass	6.74	-0.16	-0.03			2.73	16.26
#5210MHz,5610MHz	Pass	6.74	0.78	0.93			3.82	16.26
#5210MHz,5690MHz	Pass	6.74	-0.34	-0.56			2.53	16.26
#5210MHz,5775MHz	Pass	6.74	1.14	1.25			4.10	16.26
#5210MHz,5290MHz	Pass	6.74	-1.50	-0.30			2.09	16.26
#5290MHz,5530MHz	Pass	6.74	-0.79	-1.28			1.20	10.26
#5290MHz,5610MHz	Pass	6.74	-2.62	-3.14			-0.13	10.26
#5290MHz,5690MHz	Pass	6.74	-1.53	-1.54			0.92	10.26
#5290MHz,5775MHz	Pass	6.74	0.09	-0.08			2.91	10.26
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz,#5290MHz	Pass	6.74			-0.32	0.09	2.89	10.26
5210MHz,#5530MHz	Pass	6.74			0.30	0.63	3.42	10.26
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5530MHz,5775MHz	Pass	6.74	1.36	1.39			4.31	10.26
#5610MHz,5775MHz	Pass	6.74	1.43	1.51			4.39	10.26
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5530MHz,#5610MHz	Pass	6.74	-2.27	-2.02	-2.10	-2.10	0.82	10.26
#5530MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	6.74	-0.14	-0.44	-1.38	-1.48	2.62	10.26
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5690MHz,#5775MHz Straddle 5.47-5.725GHz	Pass	6.74	1.25	0.85			3.91	10.26
802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz,#5610MHz	Pass	6.74			1.39	1.62	4.25	10.26
5210MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	6.74			0.40	0.36	3.25	10.26
5290MHz,#5530MHz	Pass	6.74			-1.00	-0.97	1.85	10.26
5290MHz,#5610MHz	Pass	6.74			-2.55	-2.35	0.29	10.26
5290MHz,#5690MHz Straddle 5.47-5.725GHz	Pass	6.74			-0.67	-0.78	2.26	10.26
5210MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	6.74			-4.79	-5.55	-2.18	29.26
5210MHz,#5775MHz	Pass	6.74			0.42	0.44	3.44	29.26
5290MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	6.74			-5.09	-5.05	-2.06	29.26
5290MHz,#5775MHz	Pass	6.74			-2.18	-3.66	0.12	29.26
5530MHz,#5775MHz	Pass	6.74			-1.56	-1.97	1.16	29.26
5610MHz,#5775MHz	Pass	6.74			2.11	1.94	4.91	29.26
#5530MHz,#5690MHz Straddle 5.725-5.85GHz	Pass	6.74			-5.90	-6.36	-3.14	29.26
802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX	-	-	-	-	-	-	-	-
#5690MHz,#5775MHz Straddle 5.725-5.85GHz	Pass	6.74	2.18	1.68	1.89	2.12	5.03	29.26

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 VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

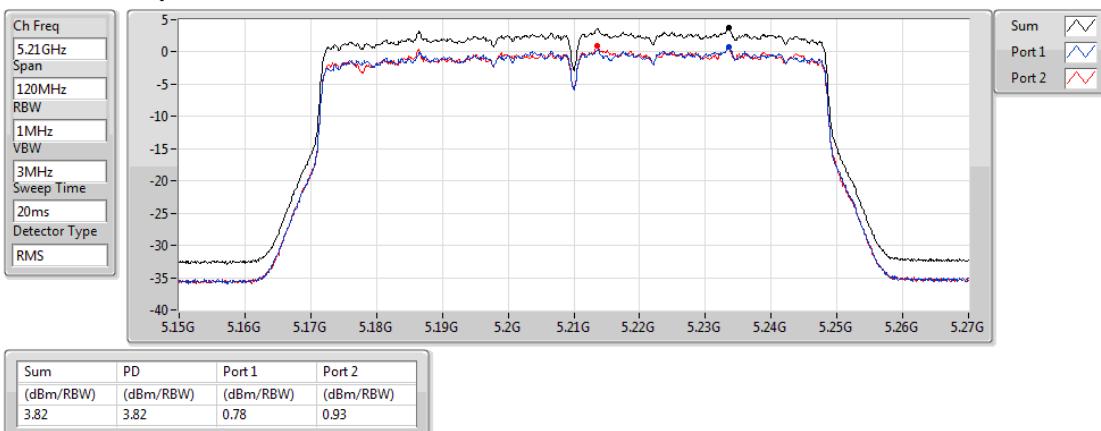
#5210MHz,5530MHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

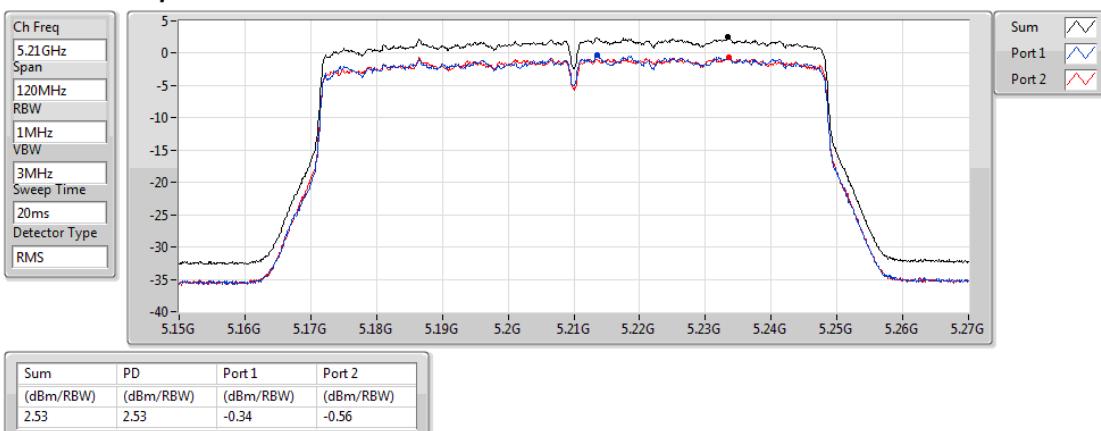
#5210MHz,5610MHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

#5210MHz,5690MHz



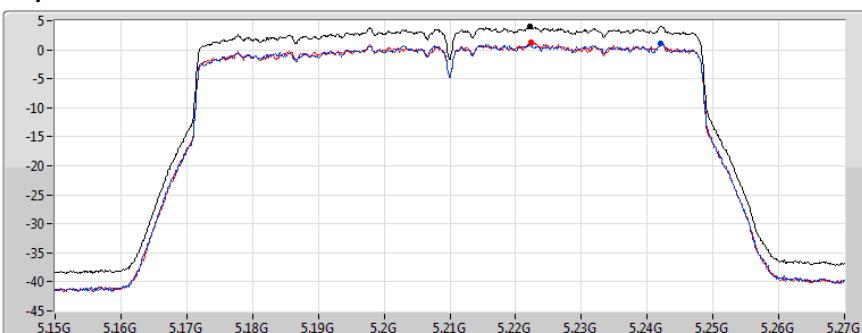


802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

#5210MHz,5775MHz

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



Sum
Port 1
Port 2

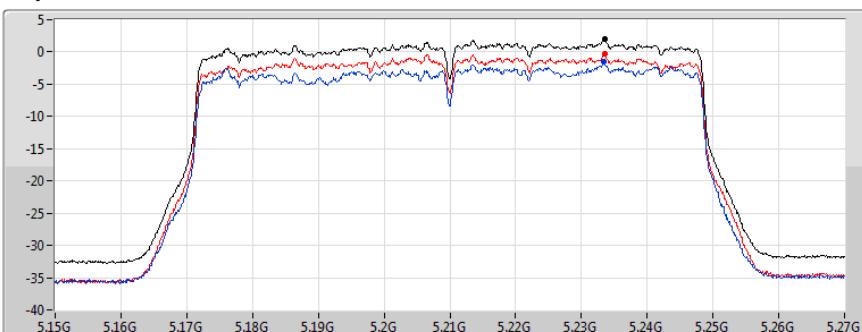
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.10	4.10	1.14	1.25

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

#5210MHz,5290MHz

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



Sum
Port 1
Port 2

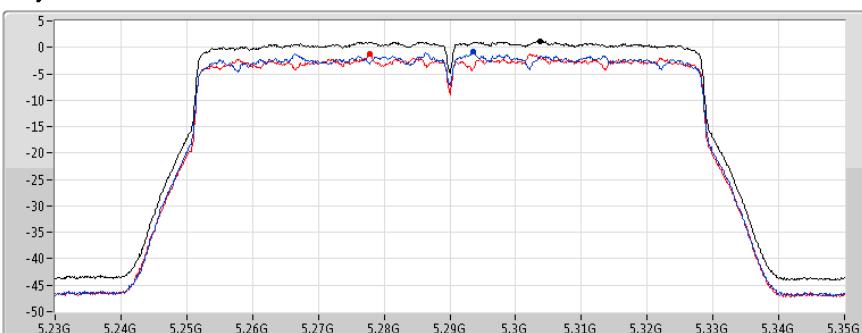
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.09	2.09	-1.50	-0.30

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

#5290MHz,5530MHz

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

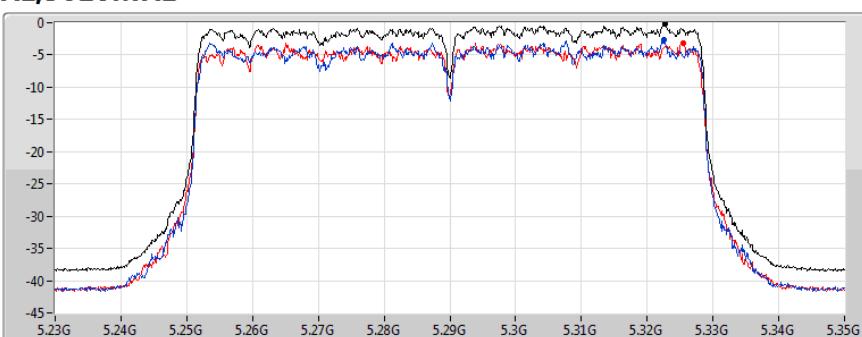


Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.20	1.20	-0.79	-1.28

**802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX
#5290MHz,5610MHz****PSD**

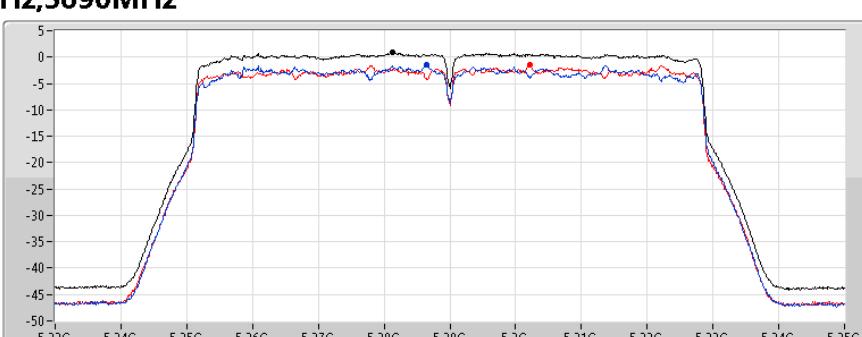
Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



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

**802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX
#5290MHz,5690MHz****PSD**

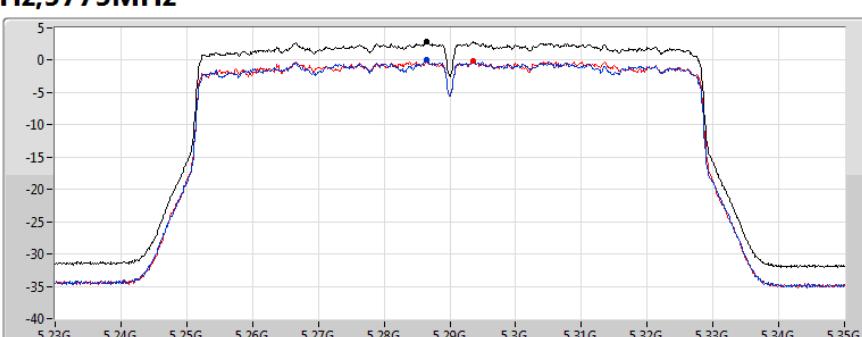
Ch Freq
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



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

**802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX
#5290MHz,5775MHz****PSD**

Ch Freq
5.29GHz
Span
120MHz
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"/>



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz,#5290MHz

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



Sum
Port 3
Port 4

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz,#5530MHz

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



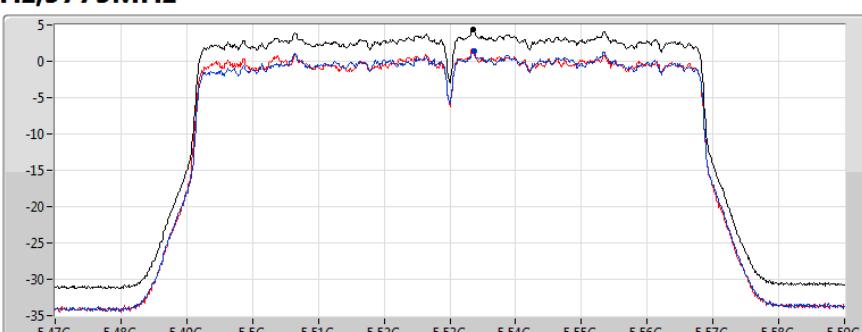
Sum
Port 3
Port 4

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

#5530MHz,5775MHz

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



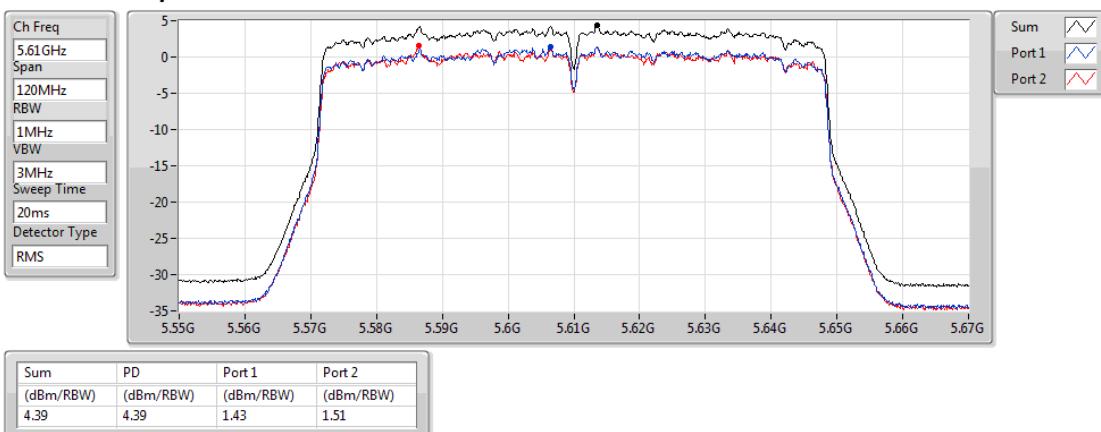
Sum
Port 1
Port 2



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

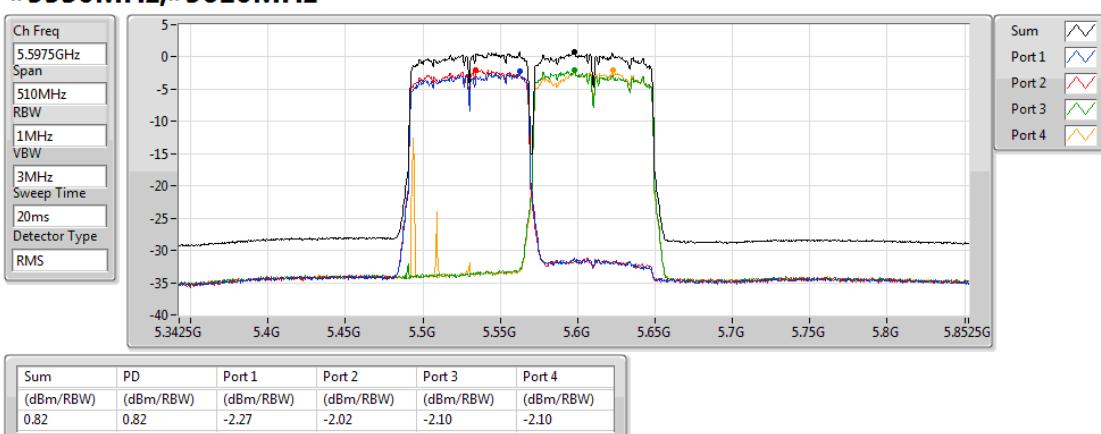
#5610MHz,5775MHz



802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX

PSD

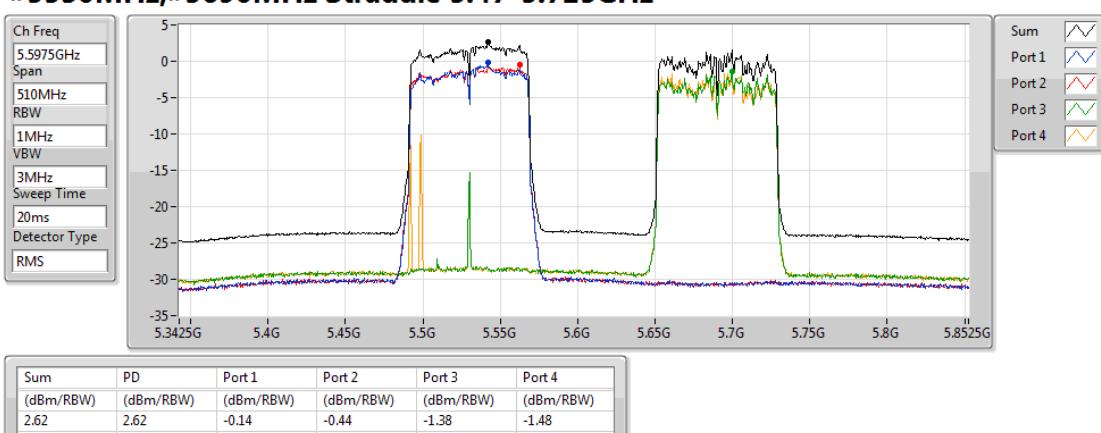
#5530MHz,#5610MHz



802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX

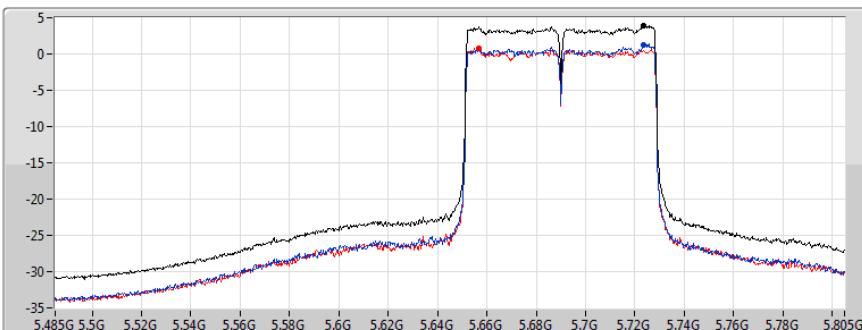
PSD

#5530MHz,#5690MHz Straddle 5.47-5.725GHz



**802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX
#5690MHz,#5775MHz Straddle 5.47-5.725GHz****PSD**

Ch Freq
5.645GHz
Span
320MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

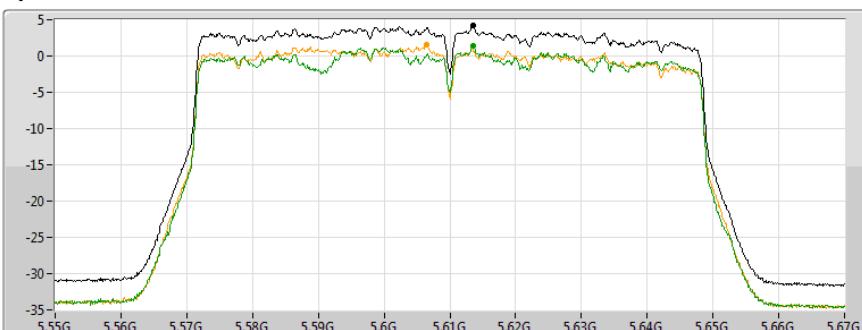


Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.91	3.91	1.25	0.85

**802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX
5210MHz,#5610MHz****PSD**

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



Sum
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.25	4.25			1.39	1.62

**802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX
5210MHz,#5690MHz Straddle 5.47-5.725GHz****PSD**

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



Sum
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.25	3.25			0.40	0.36

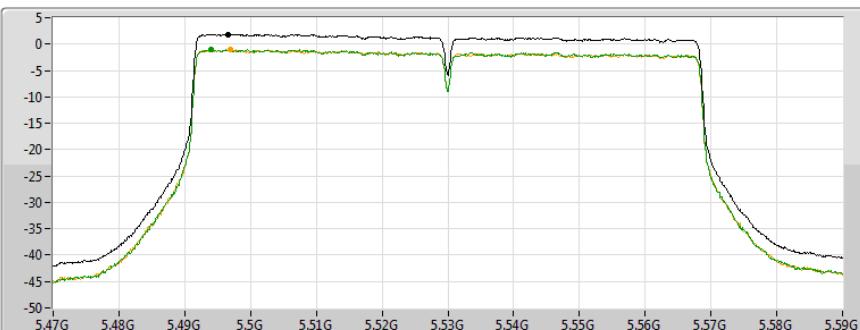


802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz,#5530MHz

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



Sum
Port 3
Port 4

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz,#5610MHz

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



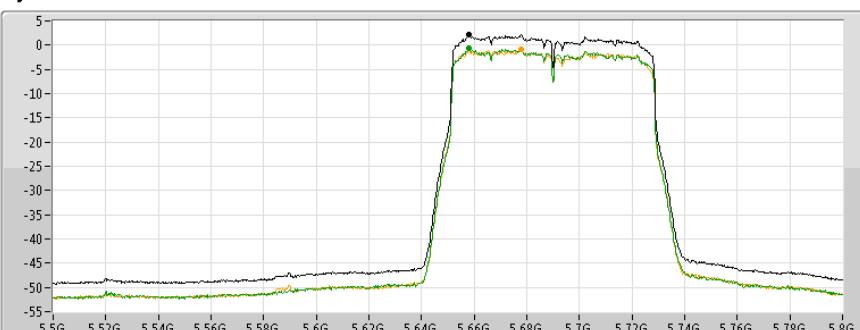
Sum
Port 3
Port 4

802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz,#5690MHz Straddle 5.47-5.725GHz

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



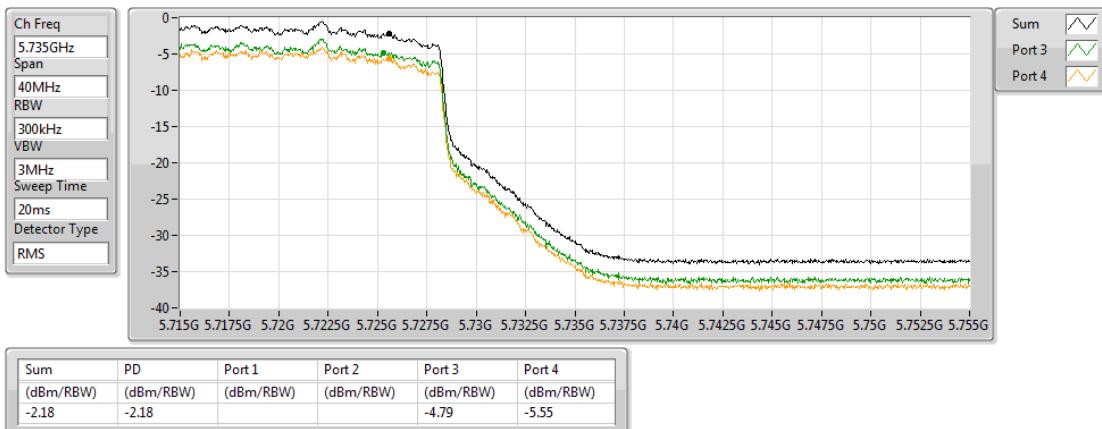
Sum
Port 3
Port 4



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

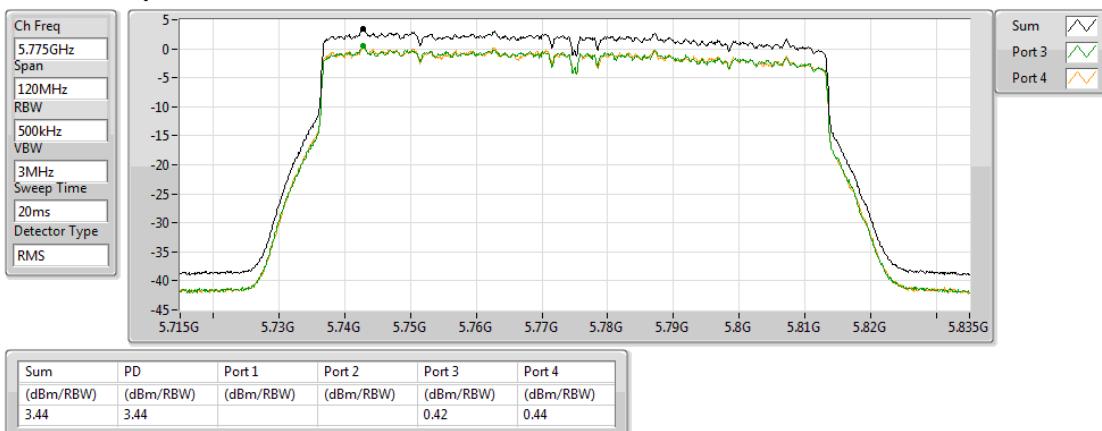
5210MHz,#5690MHz Straddle 5.725-5.85GHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

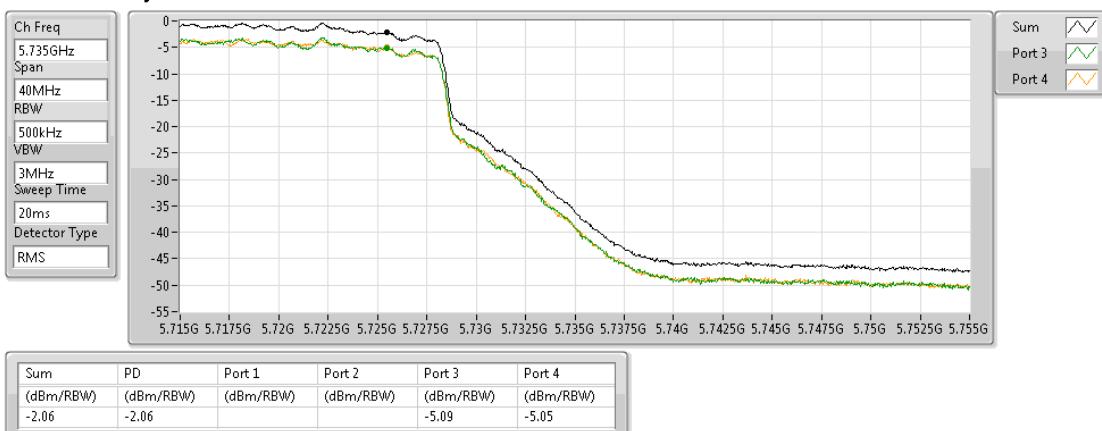
5210MHz,#5775MHz



802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz,#5690MHz Straddle 5.725-5.85GHz



**802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX****PSD****5290MHz,#5775MHz**

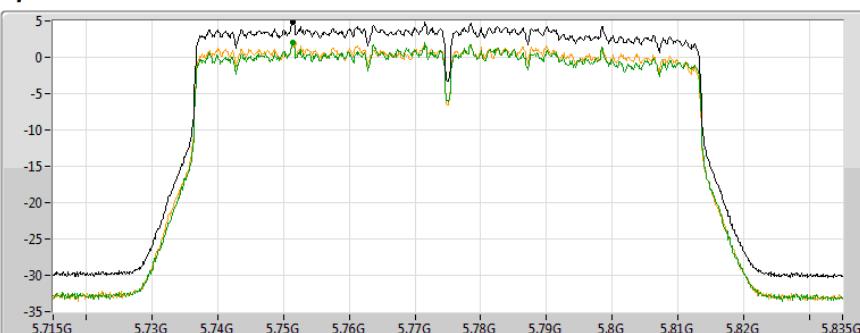
Ch Freq
5.775GHz
Span
120MHz
RBW
300kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

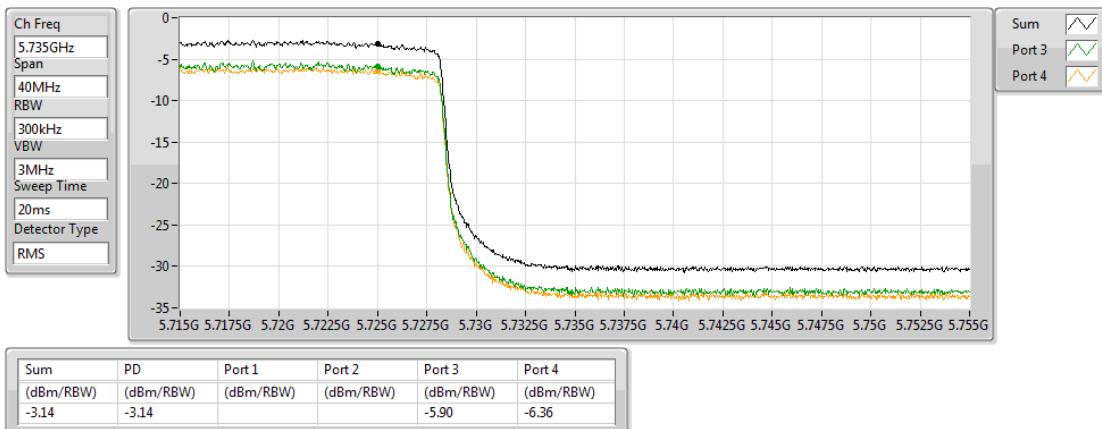
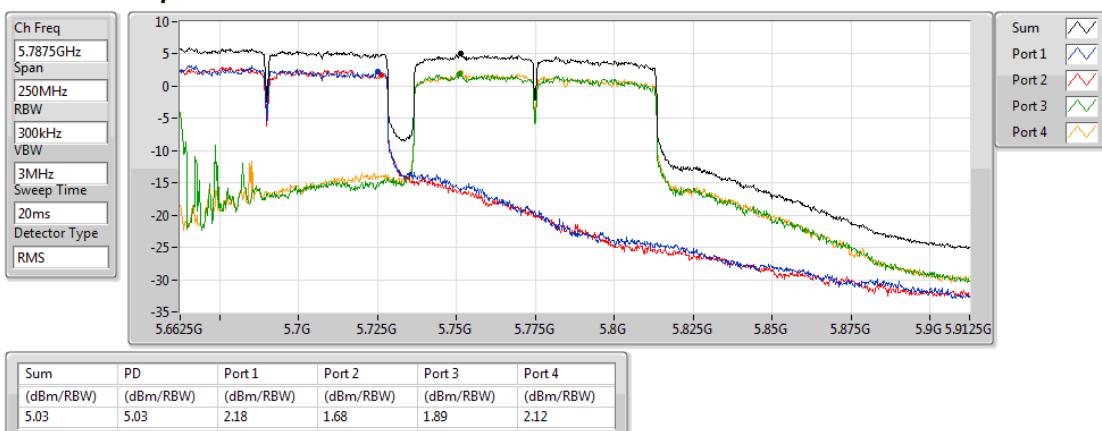
 Sum
 Port 3
 Port 4**802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX****PSD****5530MHz,#5775MHz**

Ch Freq
5.775GHz
Span
120MHz
RBW
300kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

 Sum
 Port 3
 Port 4**802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX****PSD****5610MHz,#5775MHz**

Ch Freq
5.775GHz
Span
120MHz
RBW
300kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS

 Sum
 Port 3
 Port 4

**802.11ac VHT80+80-BF_Nss1,(MCS0)_4TX
#5530MHz,#5690MHz Straddle 5.725-5.85GHz****PSD****802.11ac VHT80+80-BF_Nss2,(MCS0)_4TX
#5690MHz,#5775MHz Straddle 5.725-5.85GHz****PSD**



For set 5 antenna / 4T2S

<For non-beamforming mode>

Summary

Mode	PD (dBm/RBW)
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.15-5.25GHz	5.98
5.25-5.35GHz	4.94
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.25-5.35GHz	4.77
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.47-5.725GHz	5.22
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.47-5.725GHz	5.32
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-
5.47-5.725GHz	2.05
802.11ac VHT80+80_Nss1,(MCS0)_4TX	-
5.725-5.85GHz	4.67
802.11ac VHT80+80_Nss2,(MCS0)_4TX	-
5.725-5.85GHz	3.38

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