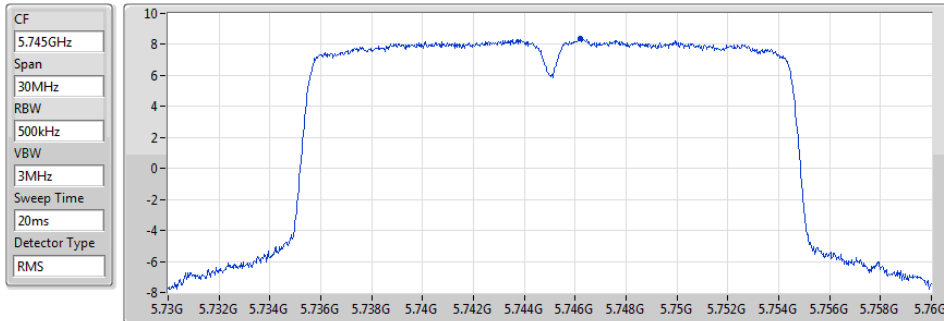


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5745MHz

19/12/2019



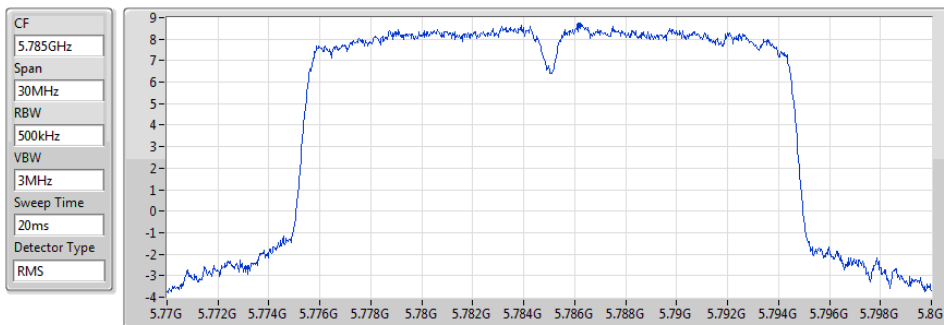
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.37	8.37	8.37

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

19/12/2019



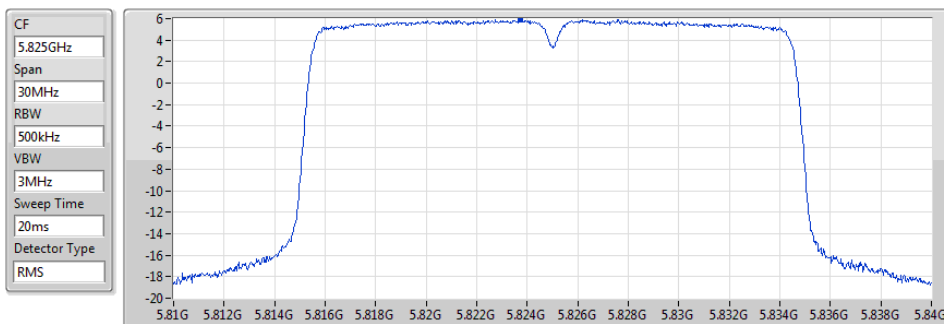
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.65	8.65	8.65

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

19/12/2019



Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.92	5.92	5.92

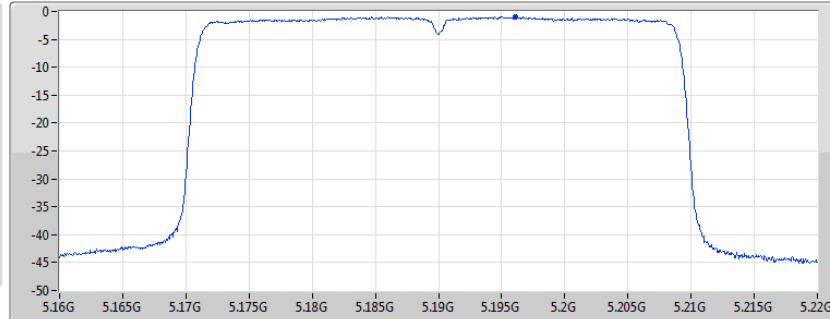
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

19/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.96	-0.96	-0.96

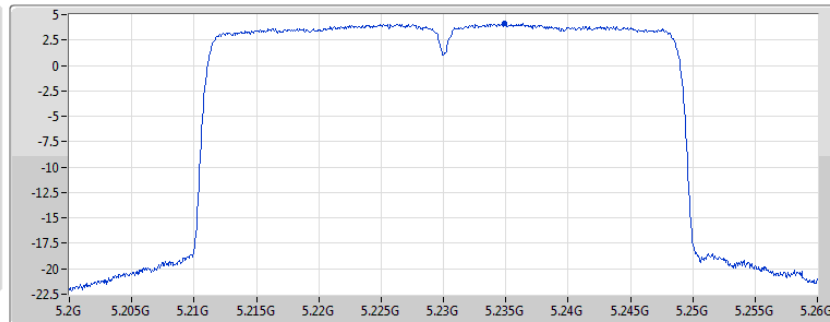
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

19/12/2019

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



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.17	4.17	4.17

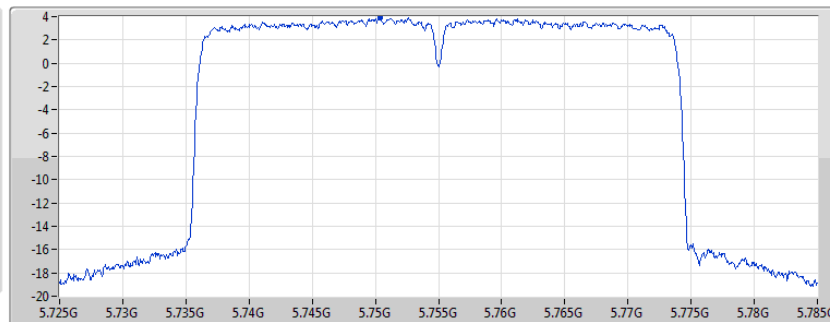
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5755MHz

19/12/2019

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



Port 1

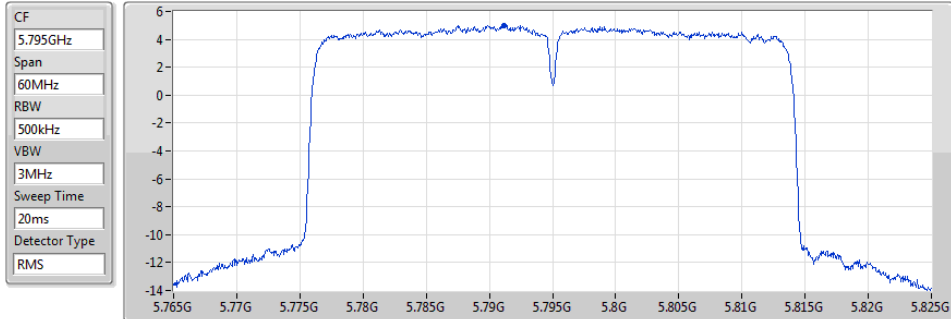
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.91	3.91	3.91

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

19/12/2019



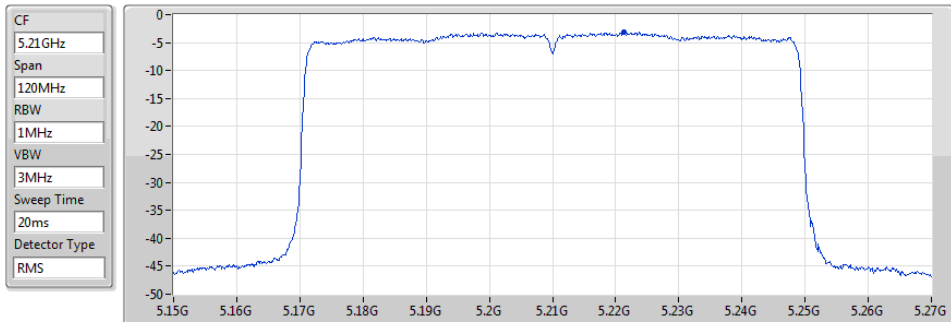
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.01	5.01	5.01

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

19/12/2019



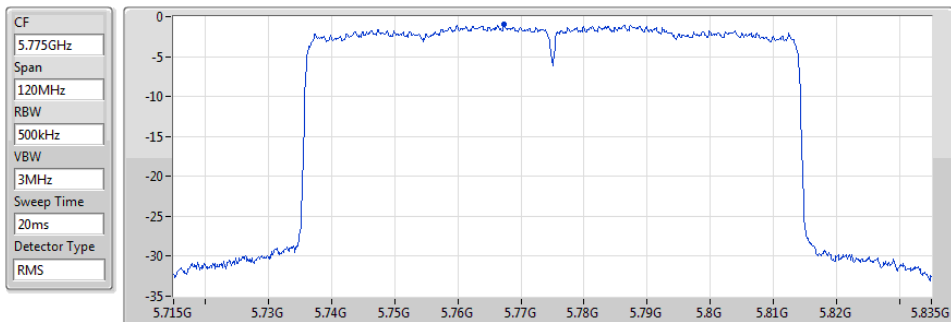
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.13	-3.13	-3.13

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

19/12/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.02	-1.02	-1.02

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.63	21.64
802.11ac VHT20_Nss2,(MCS0)_2TX	9.96	17.96
802.11ac VHT40_Nss2,(MCS0)_2TX	6.57	14.57
802.11ac VHT80_Nss2,(MCS0)_2TX	-2.59	5.41
802.11ax HEW20_Nss2,(MCS0)_2TX	9.95	17.95
802.11ax HEW40_Nss2,(MCS0)_2TX	6.29	14.29
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.34	5.66
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.39	22.40
802.11ac VHT20_Nss2,(MCS0)_2TX	11.15	19.15
802.11ac VHT40_Nss2,(MCS0)_2TX	6.76	14.76
802.11ac VHT80_Nss2,(MCS0)_2TX	-0.84	7.16
802.11ax HEW20_Nss2,(MCS0)_2TX	10.87	18.87
802.11ax HEW40_Nss2,(MCS0)_2TX	6.28	14.28
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.67	7.33

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	4.49	4.37	7.40	11.99	18.41	23.00
5200MHz	Pass	11.01	7.59	7.74	10.63	11.99	21.64	23.00
5240MHz	Pass	11.01	6.44	6.80	9.56	11.99	20.57	23.00
5745MHz	Pass	11.01	8.05	7.39	10.68	24.99	21.69	36.00
5785MHz	Pass	11.01	8.91	8.02	11.39	24.99	22.40	36.00
5825MHz	Pass	11.01	5.80	6.04	8.86	24.99	19.87	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	3.33	3.57	6.41	15.00	14.41	23.00
5200MHz	Pass	8.00	6.94	7.10	9.96	15.00	17.96	23.00
5240MHz	Pass	8.00	6.03	6.53	9.22	15.00	17.22	23.00
5745MHz	Pass	8.00	8.27	7.67	10.89	28.00	18.89	36.00
5785MHz	Pass	8.00	8.86	7.73	11.15	28.00	19.15	36.00
5825MHz	Pass	8.00	5.59	5.62	8.53	28.00	16.53	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	-1.18	-0.90	1.97	15.00	9.97	23.00
5230MHz	Pass	8.00	3.32	4.09	6.57	15.00	14.57	23.00
5755MHz	Pass	8.00	2.11	2.25	5.10	28.00	13.10	36.00
5795MHz	Pass	8.00	3.72	3.90	6.76	28.00	14.76	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-5.67	-5.26	-2.59	15.00	5.41	23.00
5775MHz	Pass	8.00	-3.63	-3.69	-0.84	28.00	7.16	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	3.54	3.43	6.43	15.00	14.43	23.00
5200MHz	Pass	8.00	6.90	7.09	9.95	15.00	17.95	23.00
5240MHz	Pass	8.00	6.04	6.38	9.18	15.00	17.18	23.00
5745MHz	Pass	8.00	8.04	7.55	10.74	28.00	18.74	36.00
5785MHz	Pass	8.00	8.46	7.47	10.87	28.00	18.87	36.00
5825MHz	Pass	8.00	5.42	5.50	8.42	28.00	16.42	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	-1.54	-1.19	1.56	15.00	9.56	23.00
5230MHz	Pass	8.00	3.03	3.73	6.29	15.00	14.29	23.00
5755MHz	Pass	8.00	1.82	1.96	4.88	28.00	12.88	36.00
5795MHz	Pass	8.00	3.34	3.51	6.28	28.00	14.28	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-5.55	-5.01	-2.34	15.00	5.66	23.00
5775MHz	Pass	8.00	-3.49	-3.81	-0.67	28.00	7.33	36.00

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

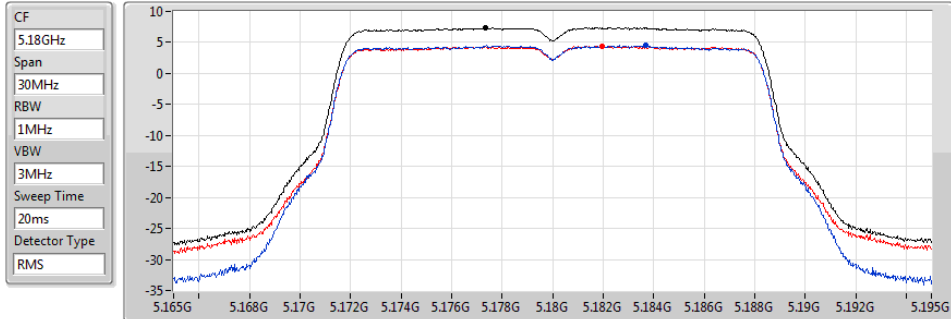
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

18/12/2019



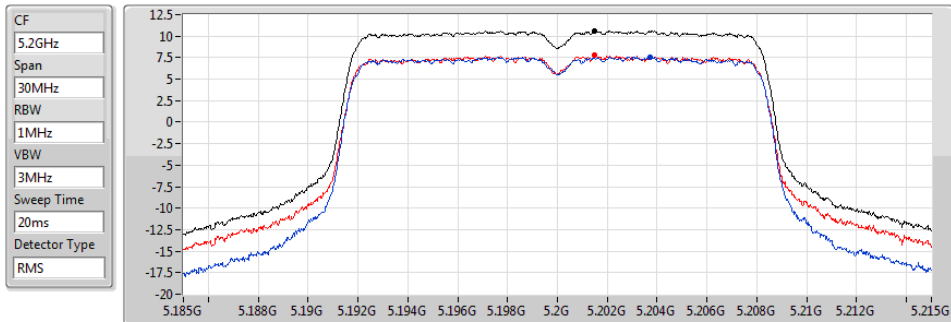
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.40	7.40	4.49	4.37

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

18/12/2019



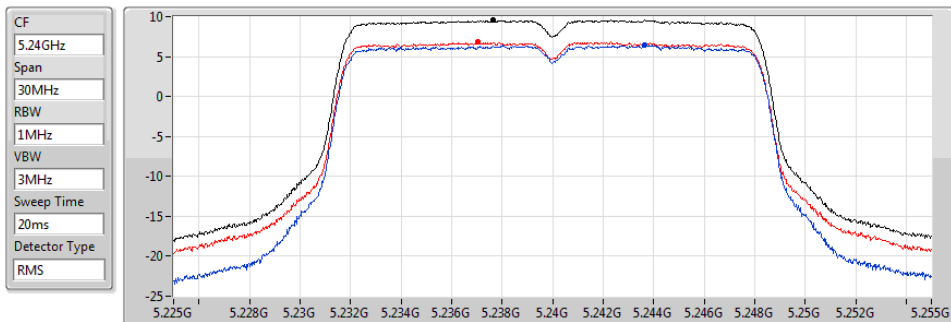
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.63	10.63	7.59	7.74

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

18/12/2019



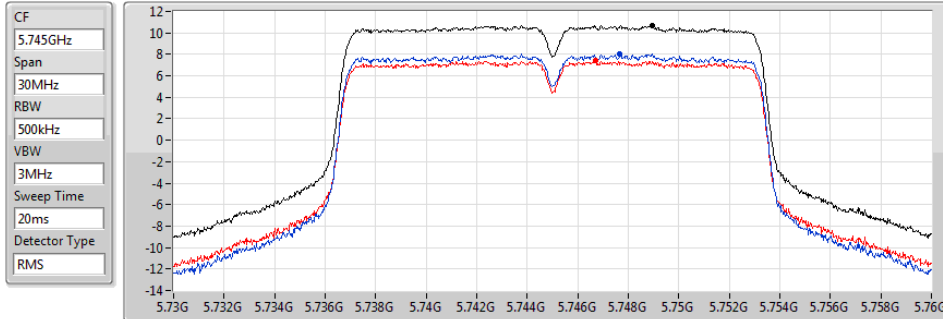
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.56	9.56	6.44	6.80

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

18/12/2019



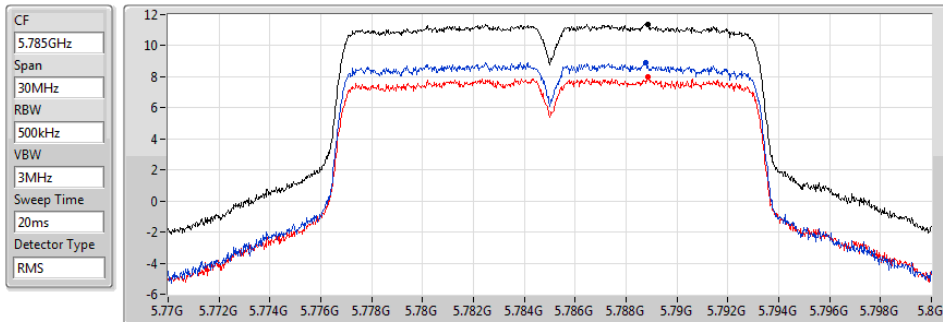
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.68	10.68	8.05	7.39

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

18/12/2019



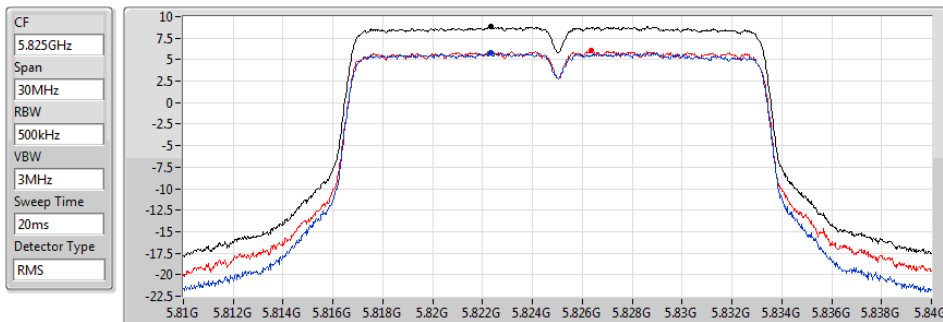
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.39	11.39	8.91	8.02

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

18/12/2019



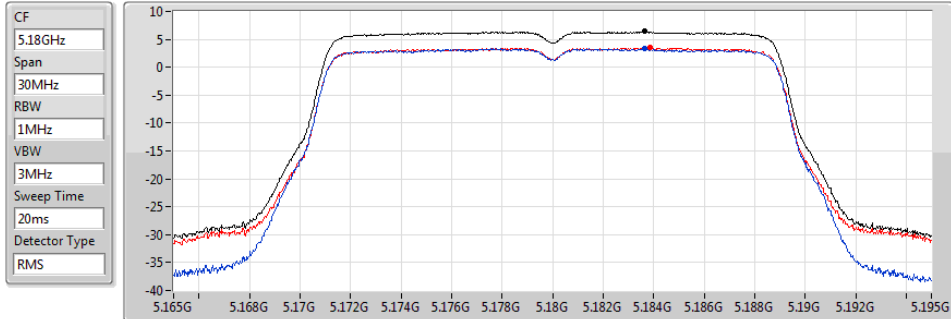
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.86	8.86	5.80	6.04

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5180MHz

18/12/2019



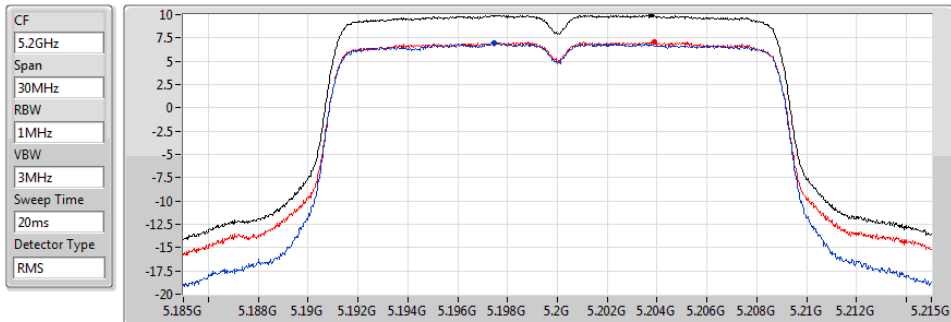
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.41	6.41	3.33	3.57

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5200MHz

18/12/2019



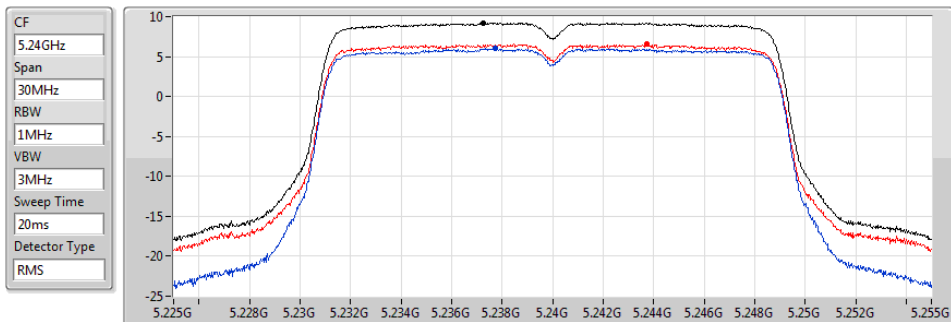
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.96	9.96	6.94	7.10

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5240MHz

18/12/2019



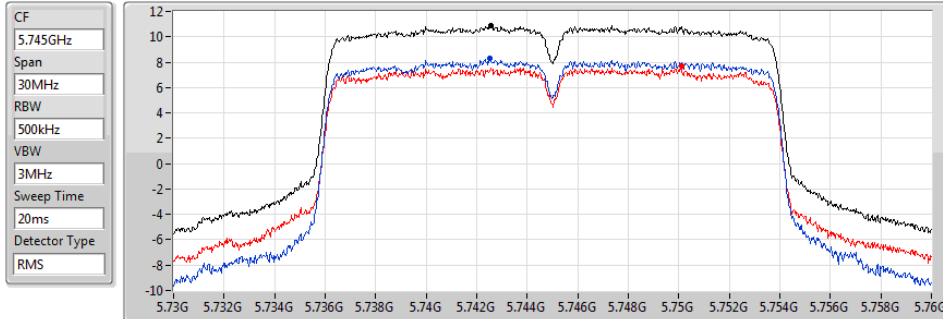
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.22	9.22	6.03	6.53

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5745MHz

18/12/2019



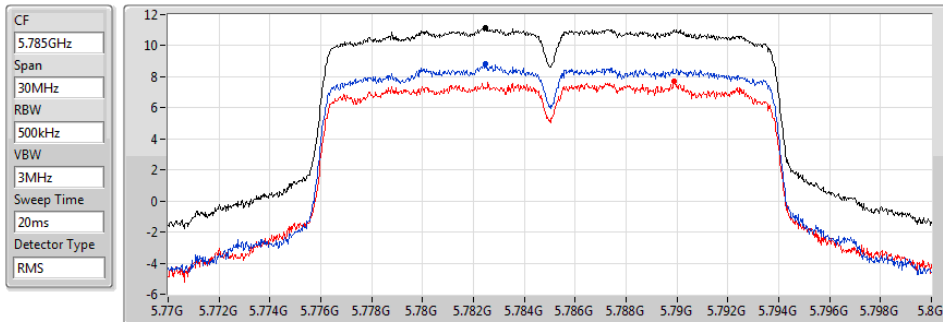
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.89	10.89	8.27	7.67

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5785MHz

18/12/2019



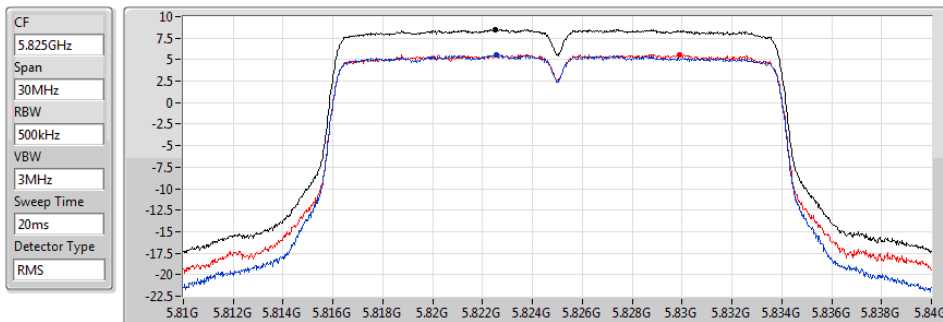
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.15	11.15	8.86	7.73

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5825MHz

18/12/2019



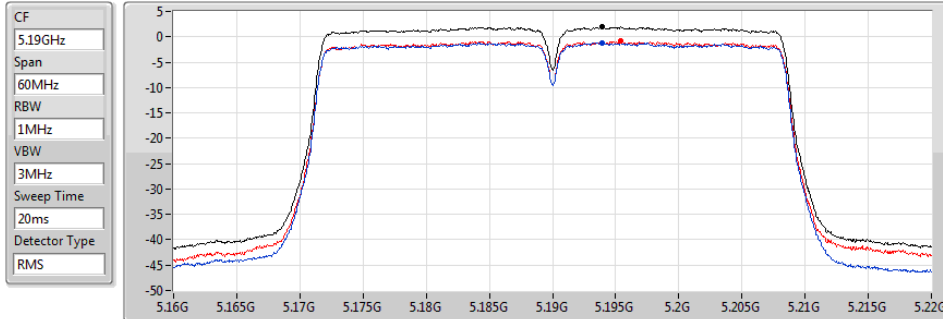
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.53	8.53	5.59	5.62

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5190MHz

18/12/2019



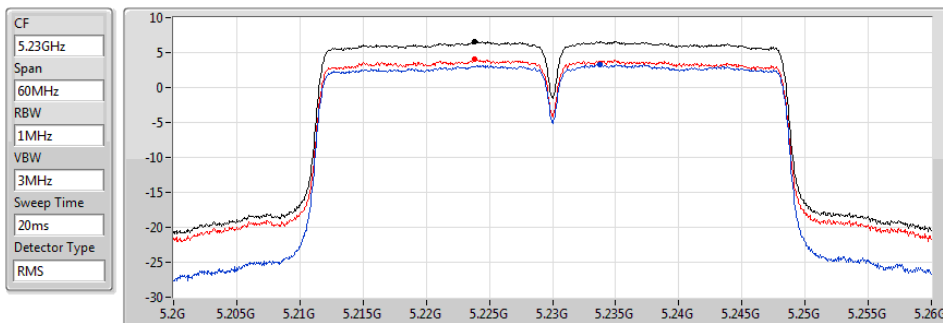
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.97	1.97	-1.18	-0.90

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5230MHz

18/12/2019



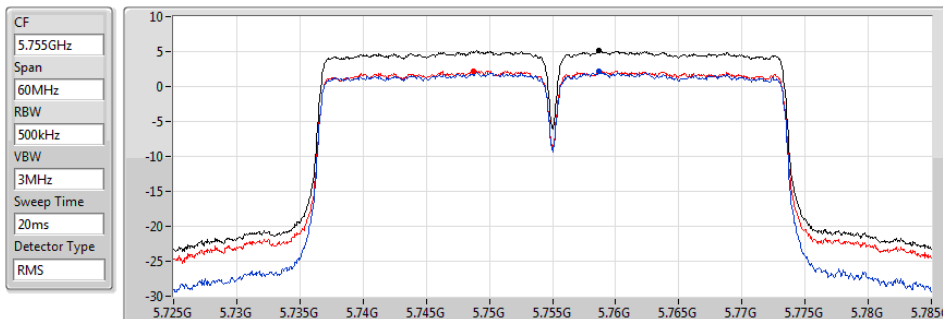
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.57	6.57	3.32	4.09

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5755MHz

18/12/2019



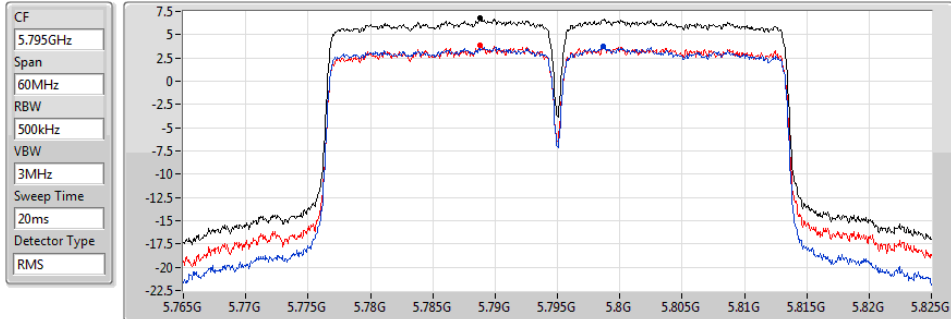
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.10	5.10	2.11	2.25

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5795MHz

18/12/2019



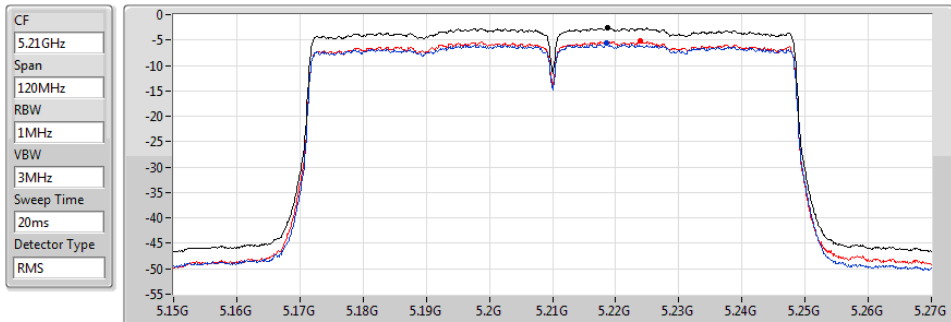
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.76	6.76	3.72	3.90

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5210MHz

18/12/2019



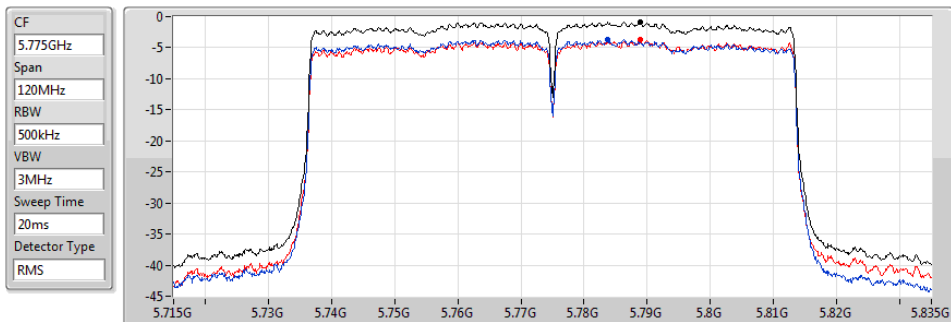
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.59	-2.59	-5.67	-5.26

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5775MHz

18/12/2019



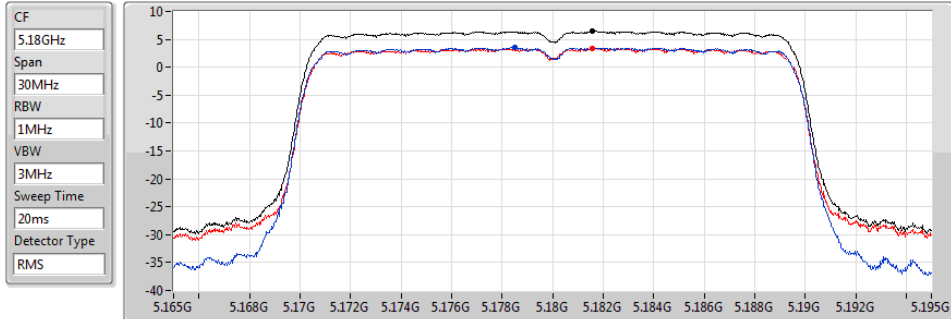
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.84	-0.84	-3.63	-3.69

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5180MHz

18/12/2019



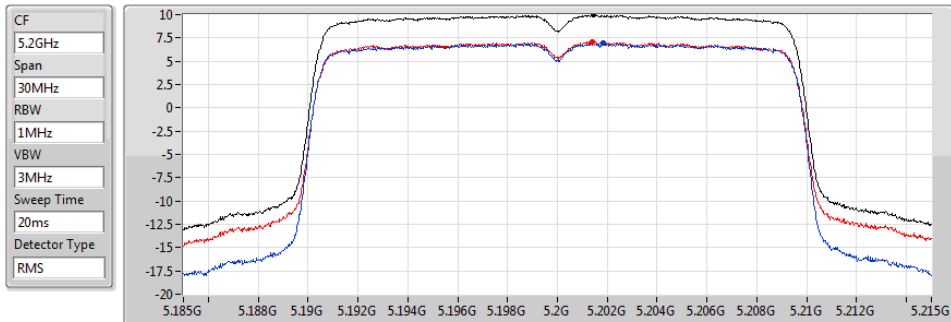
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.43	6.43	3.54	3.43

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5200MHz

18/12/2019



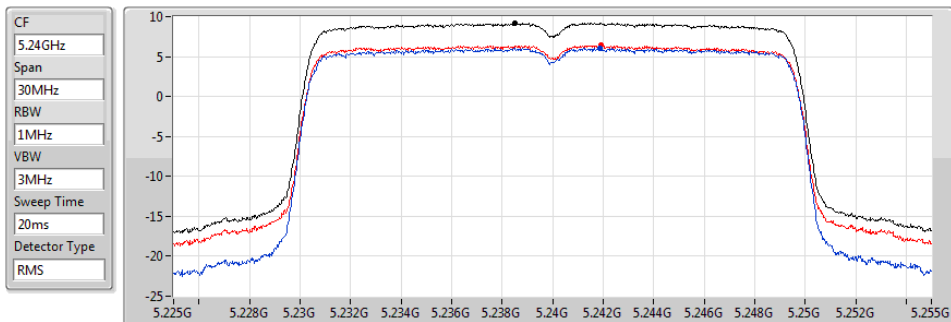
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.95	9.95	6.90	7.09

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5240MHz

18/12/2019



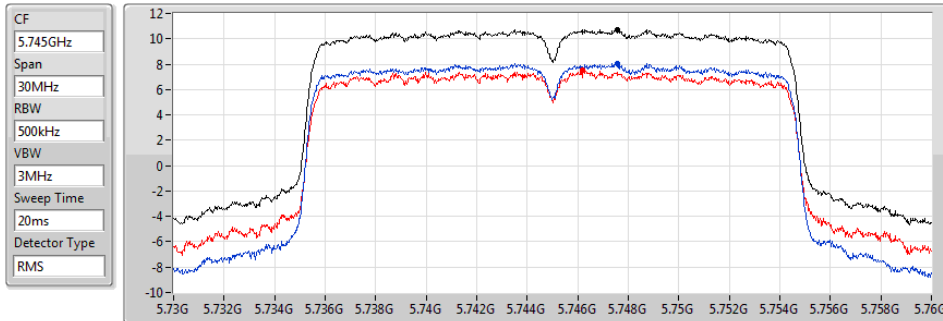
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.18	9.18	6.04	6.38

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5745MHz

18/12/2019



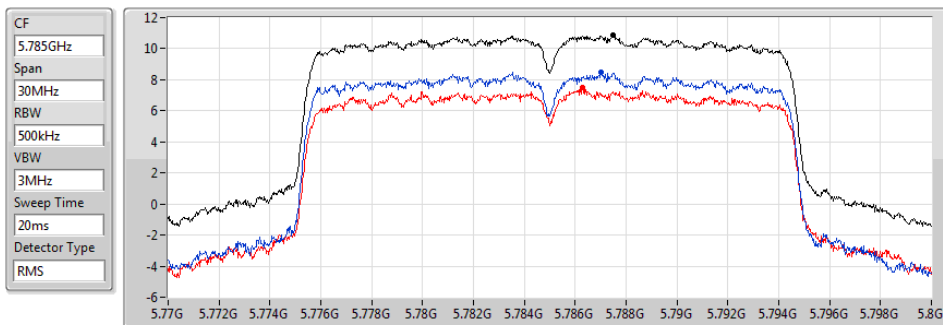
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.74	10.74	8.04	7.55

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5785MHz

18/12/2019



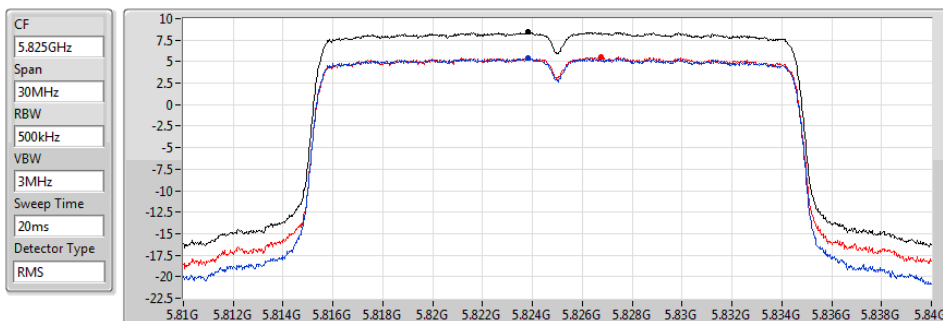
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.87	10.87	8.46	7.47

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5825MHz

18/12/2019



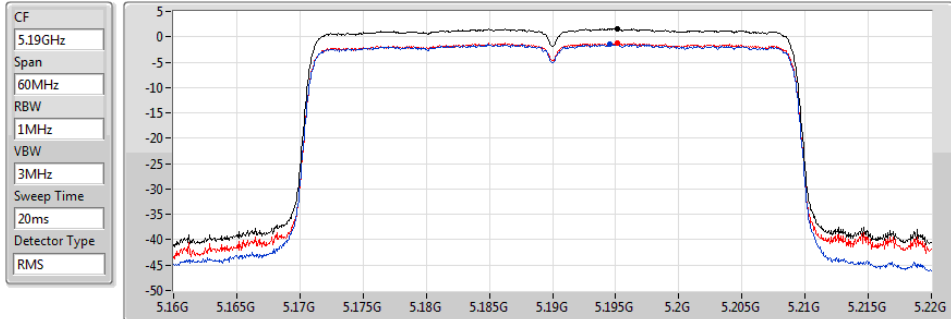
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.42	8.42	5.42	5.50

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5190MHz

18/12/2019



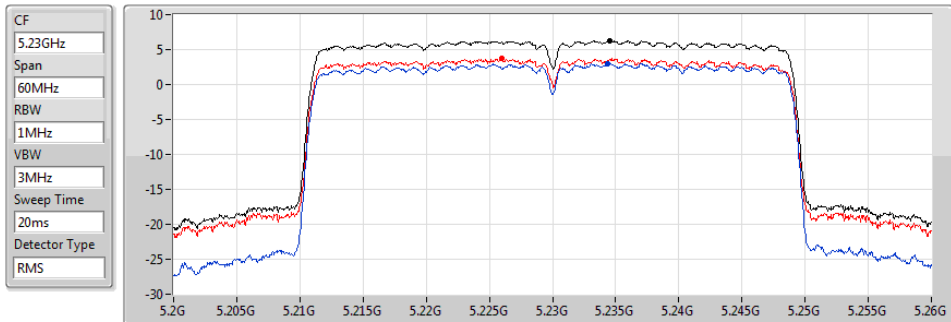
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.56	1.56	-1.54	-1.19

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5230MHz

18/12/2019



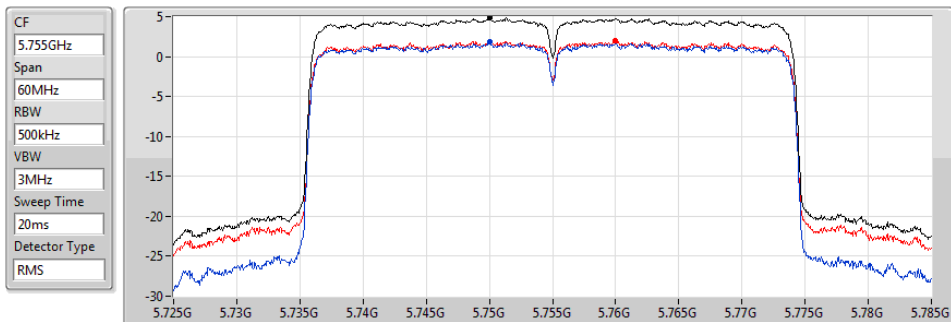
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.29	6.29	3.03	3.73

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5755MHz

18/12/2019



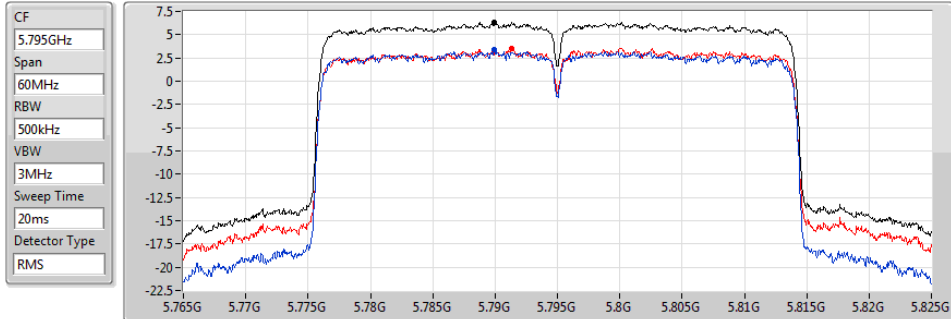
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.88	4.88	1.82	1.96

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5795MHz

18/12/2019



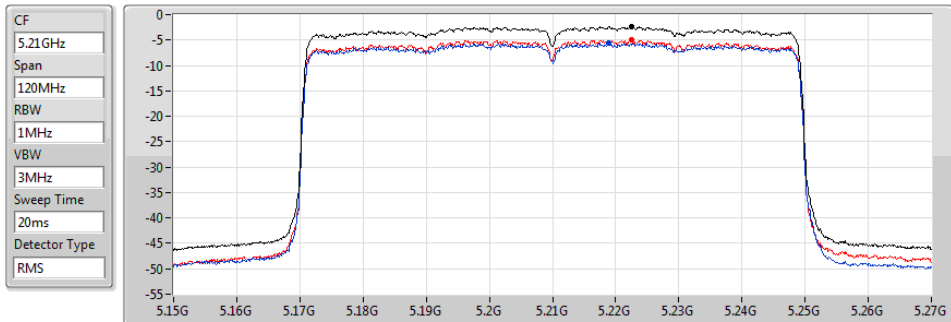
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.28	6.28	3.34	3.51

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5210MHz

18/12/2019



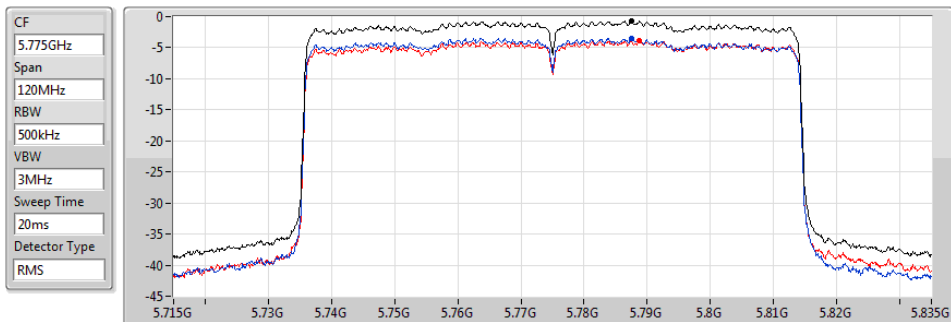
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.34	-2.34	-5.55	-5.01

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5775MHz

18/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.67	-0.67	-3.49	-3.81

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.71	19.41
802.11ac VHT20_Nss1,(MCS0)_1TX	7.57	18.27
802.11ac VHT40_Nss1,(MCS0)_1TX	3.84	14.54
802.11ac VHT80_Nss1,(MCS0)_1TX	-4.88	5.82
802.11ax HEW20_Nss1,(MCS0)_1TX	7.61	18.31
802.11ax HEW40_Nss1,(MCS0)_1TX	3.83	14.53
802.11ax HEW80_Nss1,(MCS0)_1TX	-4.74	5.96
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.50	19.20
802.11ac VHT20_Nss1,(MCS0)_1TX	8.30	19.00
802.11ac VHT40_Nss1,(MCS0)_1TX	4.36	15.06
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.33	8.37
802.11ax HEW20_Nss1,(MCS0)_1TX	8.08	18.78
802.11ax HEW40_Nss1,(MCS0)_1TX	4.24	14.94
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.89	8.81

RBW = 500 kHz 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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	4.16	4.16	12.30	14.86	23.00
5200MHz_TnomVnom	Pass	10.70	8.71	8.71	12.30	19.41	23.00
5240MHz_TnomVnom	Pass	10.70	7.26	7.26	12.30	17.96	23.00
5745MHz_TnomVnom	Pass	10.70	8.50	8.50	25.30	19.20	36.00
5785MHz_TnomVnom	Pass	10.70	8.00	8.00	25.30	18.70	36.00
5825MHz_TnomVnom	Pass	10.70	8.29	8.29	25.30	18.99	36.00
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	3.86	3.86	12.30	14.56	23.00
5200MHz_TnomVnom	Pass	10.70	7.57	7.57	12.30	18.27	23.00
5240MHz_TnomVnom	Pass	10.70	6.86	6.86	12.30	17.56	23.00
5745MHz_TnomVnom	Pass	10.70	8.30	8.30	25.30	19.00	36.00
5785MHz_TnomVnom	Pass	10.70	7.71	7.71	25.30	18.41	36.00
5825MHz_TnomVnom	Pass	10.70	7.53	7.53	25.30	18.23	36.00
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	10.70	-1.99	-1.99	12.30	8.71	23.00
5230MHz_TnomVnom	Pass	10.70	3.84	3.84	12.30	14.54	23.00
5755MHz_TnomVnom	Pass	10.70	3.91	3.91	25.30	14.61	36.00
5795MHz_TnomVnom	Pass	10.70	4.36	4.36	25.30	15.06	36.00
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	10.70	-4.88	-4.88	12.30	5.82	23.00
5775MHz_TnomVnom	Pass	10.70	-2.33	-2.33	25.30	8.37	36.00
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	3.81	3.81	12.30	14.51	23.00
5200MHz_TnomVnom	Pass	10.70	7.61	7.61	12.30	18.31	23.00
5240MHz_TnomVnom	Pass	10.70	6.66	6.66	12.30	17.36	23.00
5745MHz_TnomVnom	Pass	10.70	8.08	8.08	25.30	18.78	36.00
5785MHz_TnomVnom	Pass	10.70	7.47	7.47	25.30	18.17	36.00
5825MHz_TnomVnom	Pass	10.70	7.37	7.37	25.30	18.07	36.00
802.11ax_HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	10.70	-1.97	-1.97	12.30	8.73	23.00
5230MHz_TnomVnom	Pass	10.70	3.83	3.83	12.30	14.53	23.00
5755MHz_TnomVnom	Pass	10.70	3.92	3.92	25.30	14.62	36.00
5795MHz_TnomVnom	Pass	10.70	4.24	4.24	25.30	14.94	36.00
802.11ax_HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	10.70	-4.74	-4.74	12.30	5.96	23.00
5775MHz_TnomVnom	Pass	10.70	-1.89	-1.89	25.30	8.81	36.00

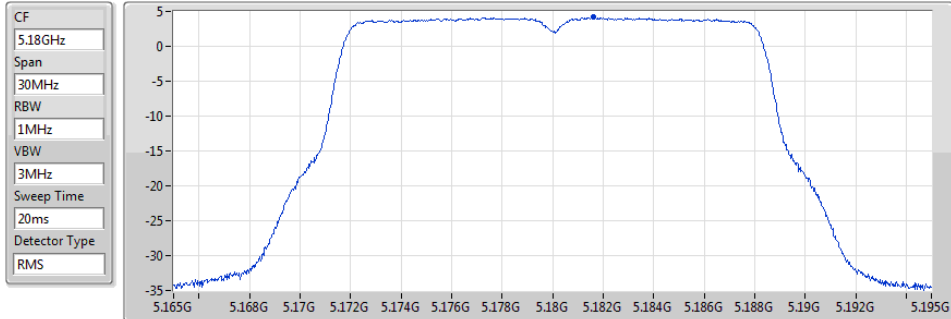
DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

21/12/2019



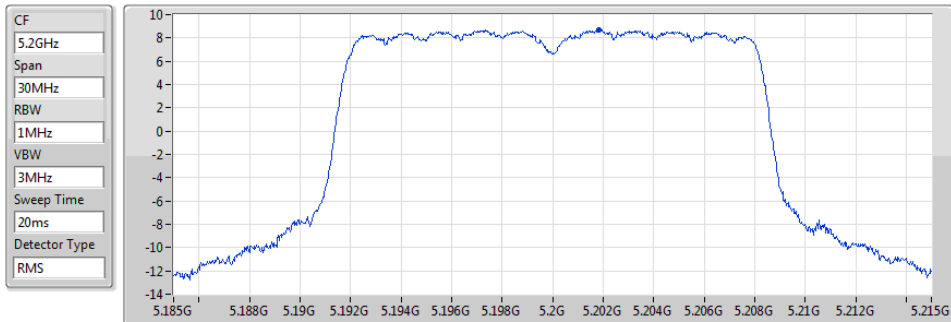
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.16	4.16	4.16

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

21/12/2019



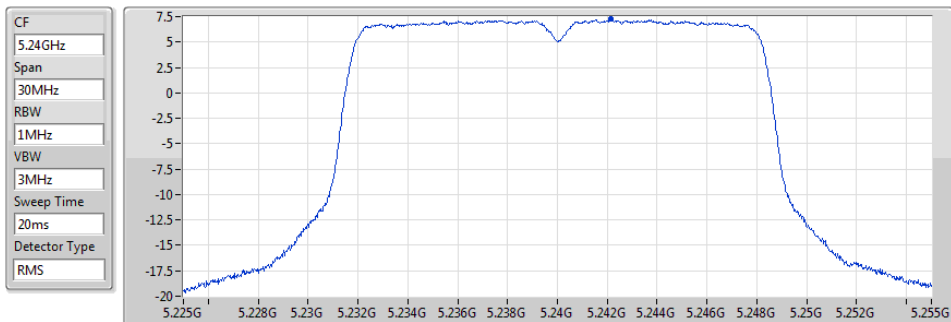
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.71	8.71	8.71

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

21/12/2019



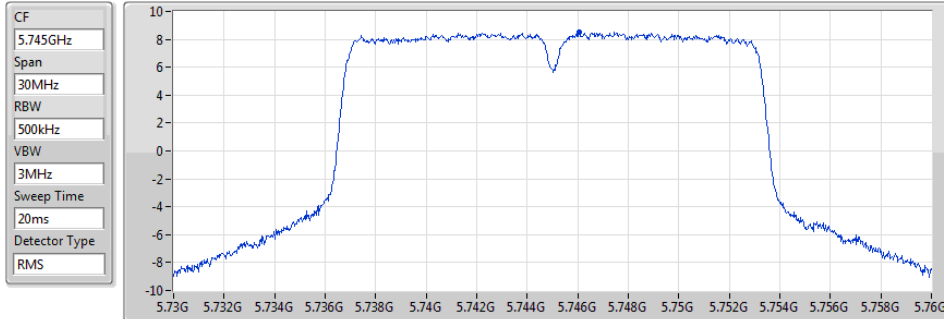
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.26	7.26	7.26

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

21/12/2019



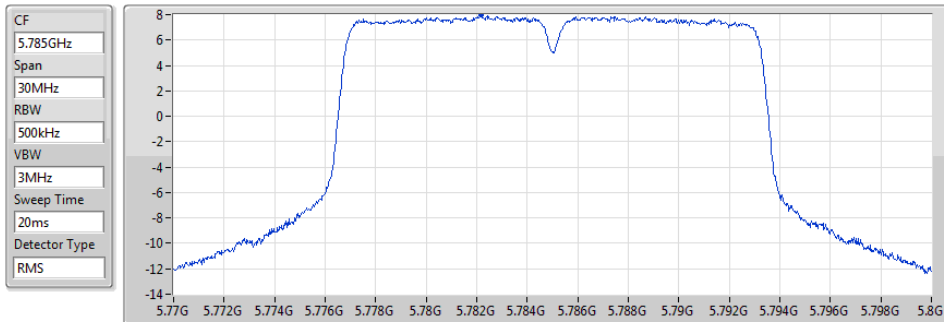
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.50	8.50	8.50

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

21/12/2019



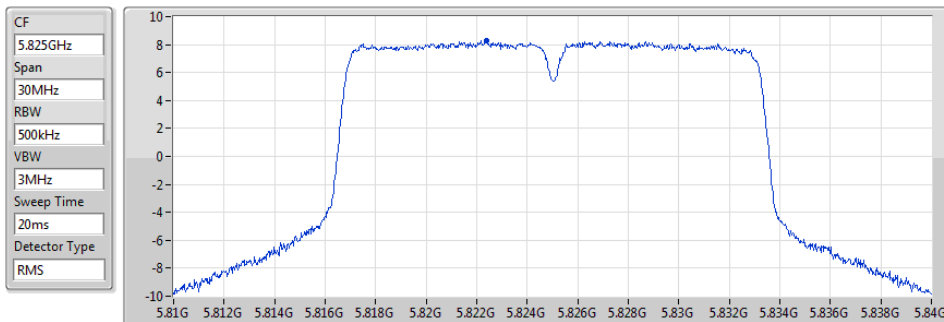
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.00	8.00	8.00

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

21/12/2019



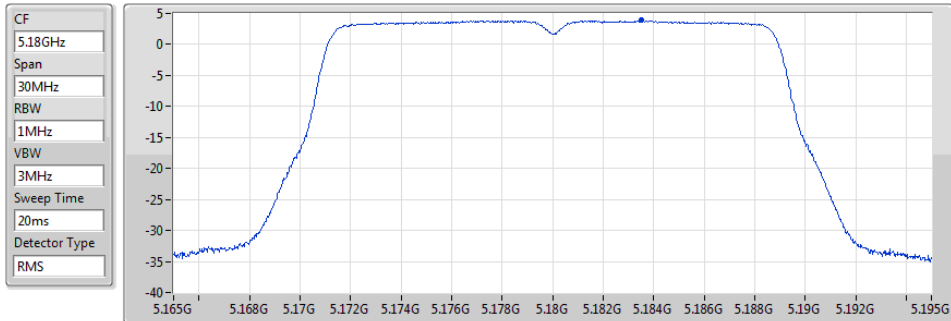
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.29	8.29	8.29

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

21/12/2019



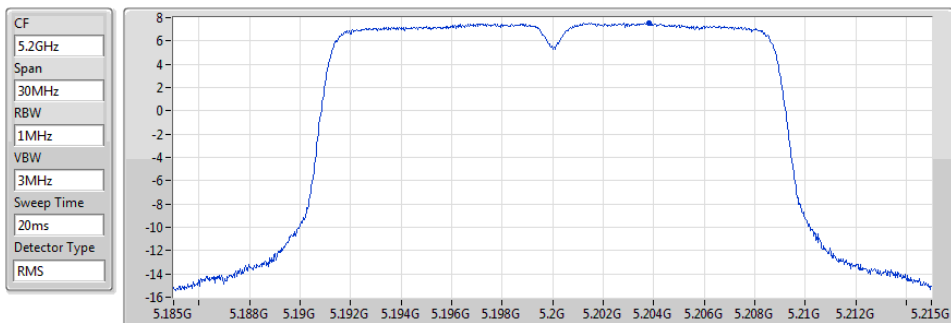
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.86	3.86	3.86

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

21/12/2019



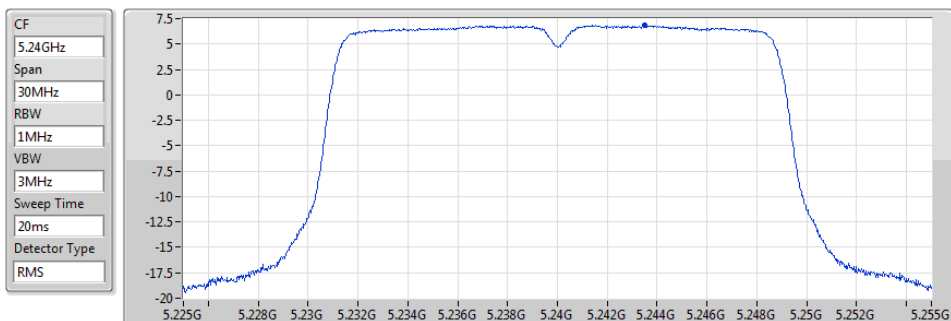
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.57	7.57	7.57

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

21/12/2019



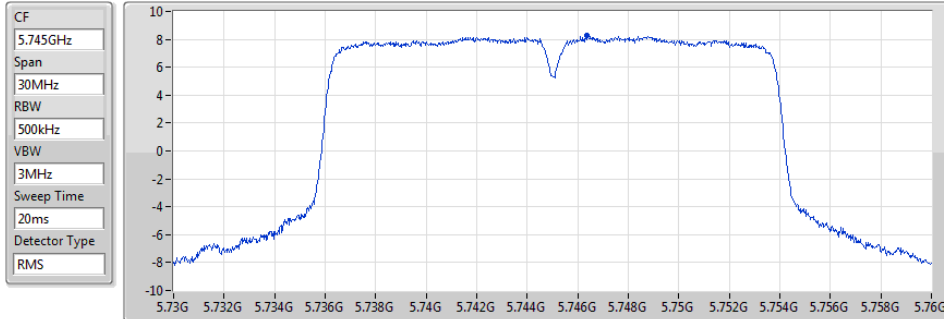
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.86	6.86	6.86

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

21/12/2019



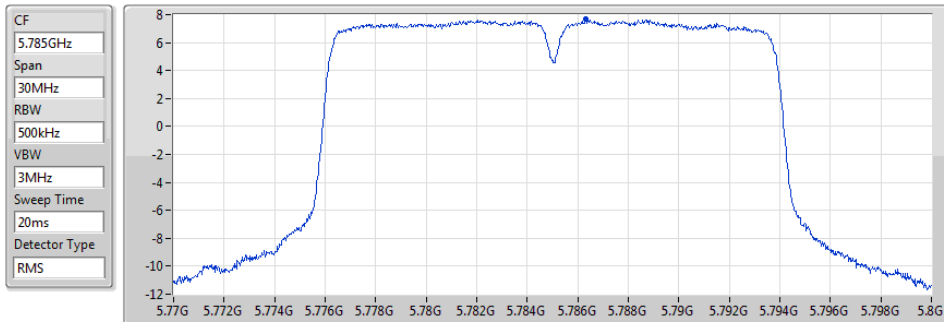
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.30	8.30	8.30

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5785MHz

21/12/2019



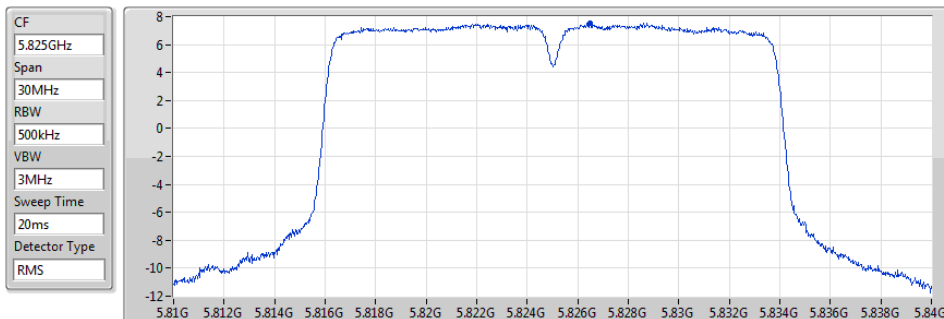
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.71	7.71	7.71

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

21/12/2019



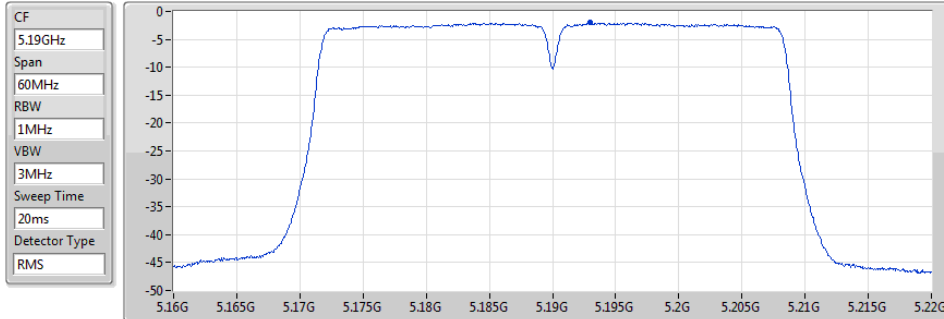
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.53	7.53	7.53

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

21/12/2019



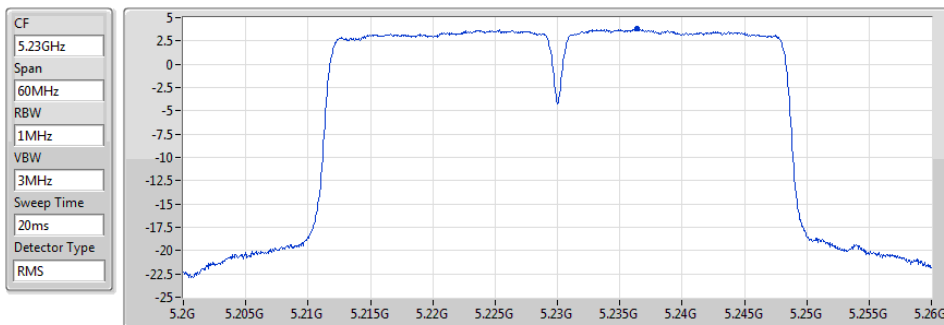
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.99	-1.99	-1.99

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

21/12/2019



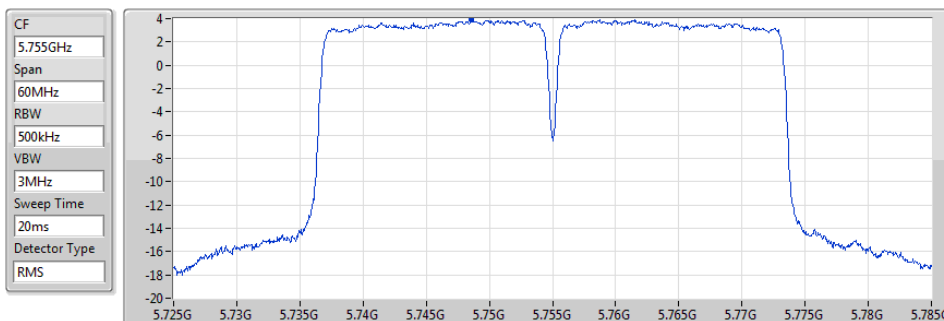
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.84	3.84	3.84

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

21/12/2019



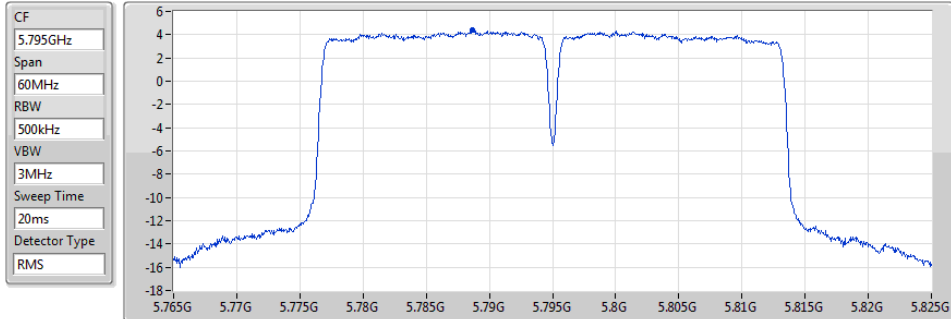
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.91	3.91	3.91

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

21/12/2019



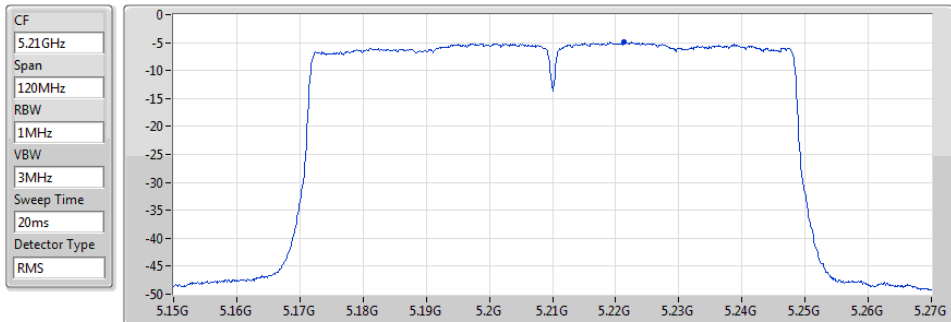
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.36	4.36	4.36

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

21/12/2019



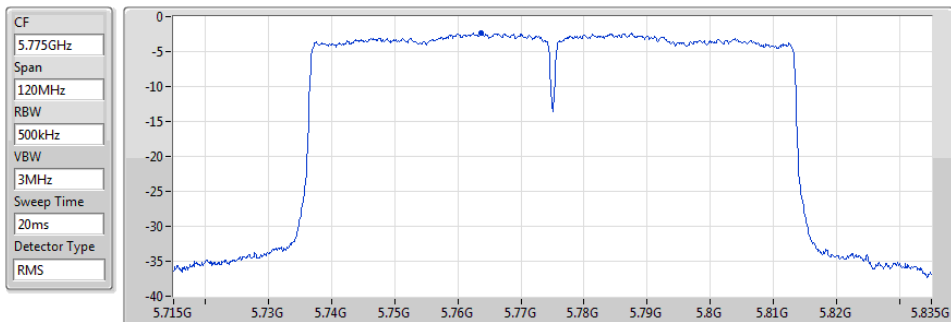
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.88	-4.88	-4.88

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

21/12/2019



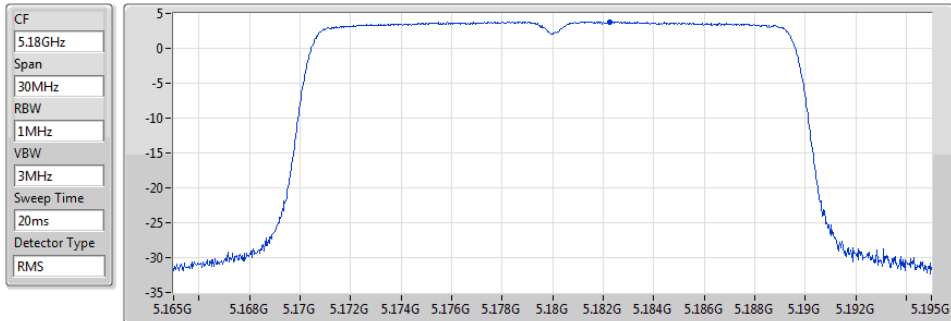
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.33	-2.33	-2.33

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

21/12/2019



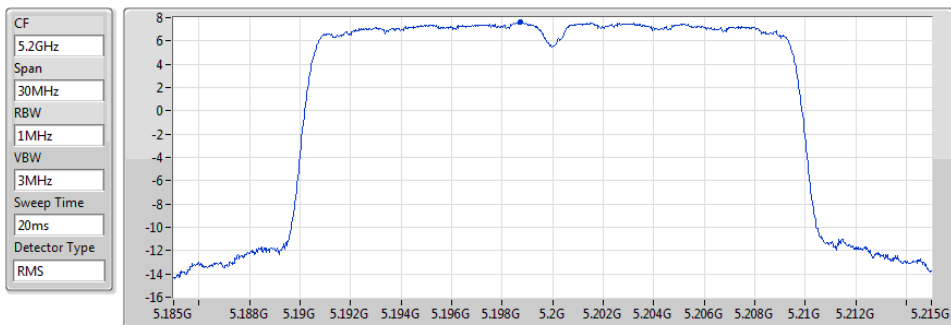
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.81	3.81	3.81

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

21/12/2019



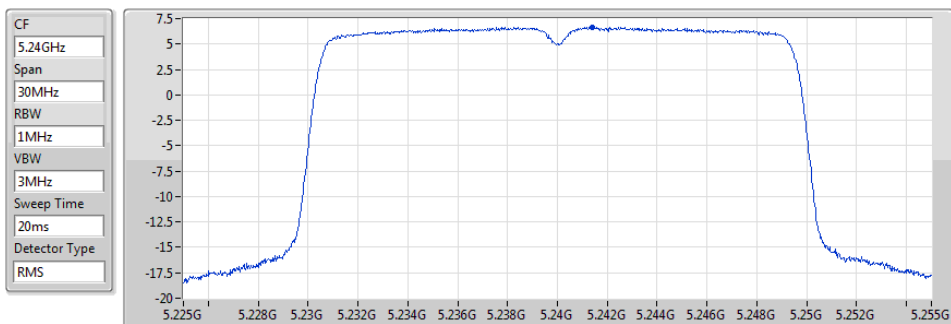
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.61	7.61	7.61

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

21/12/2019



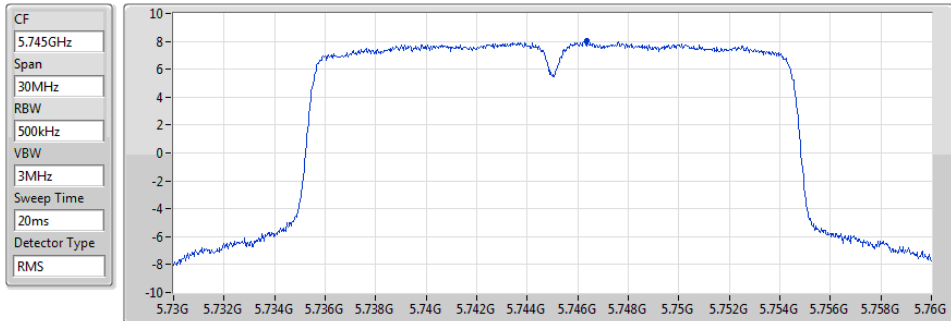
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.66	6.66	6.66

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5745MHz

21/12/2019



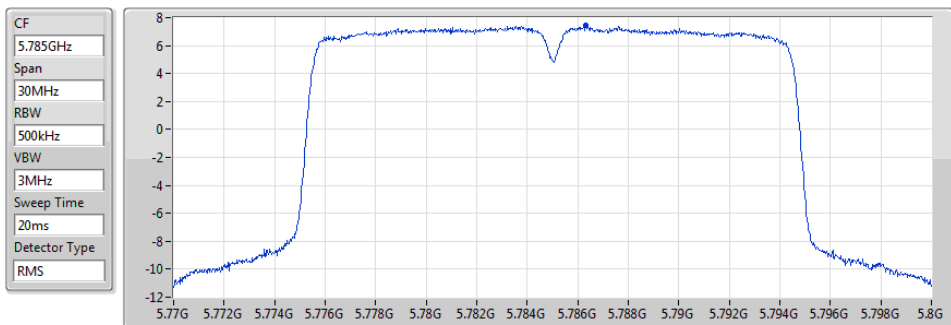
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.08	8.08	8.08

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

21/12/2019



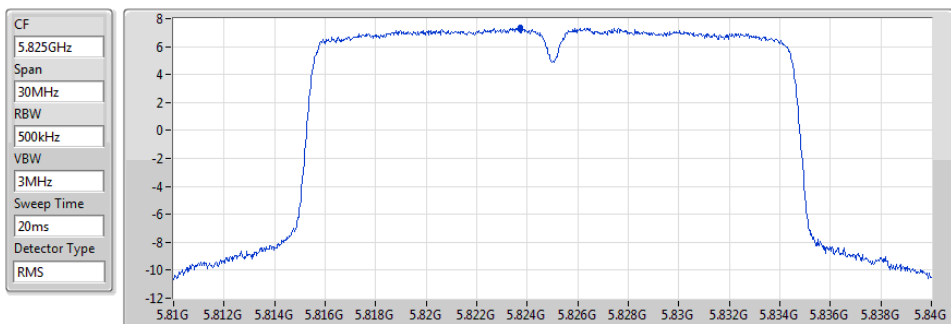
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.47	7.47	7.47

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

21/12/2019



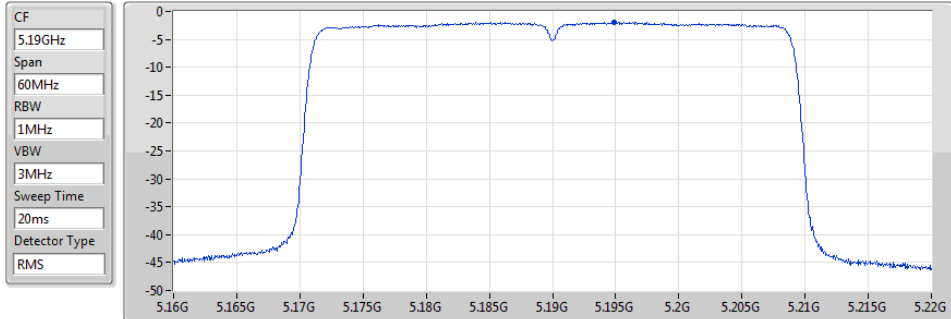
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.37	7.37	7.37

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

21/12/2019

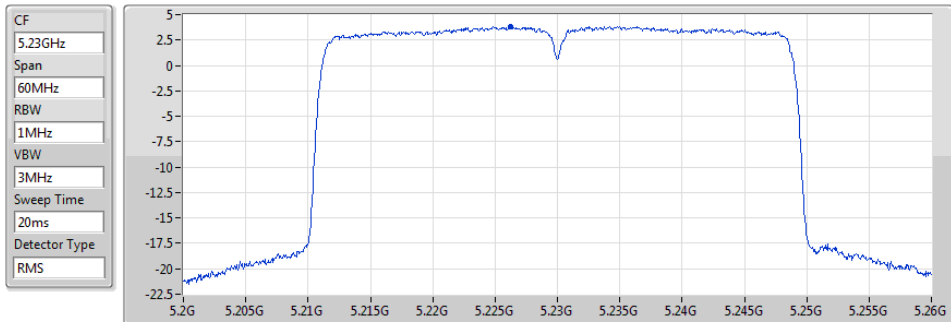


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

21/12/2019

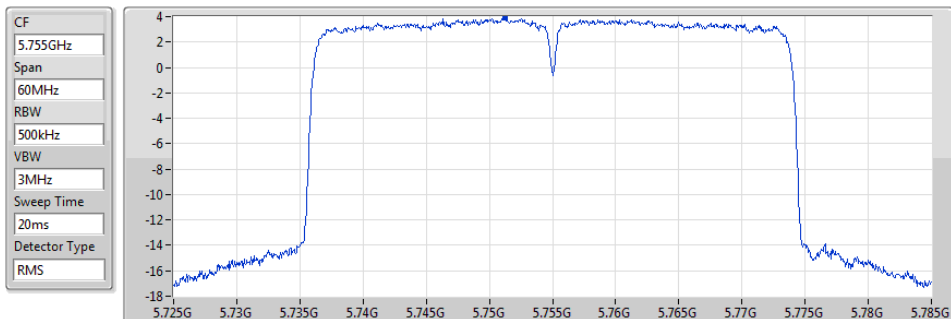


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5755MHz

21/12/2019

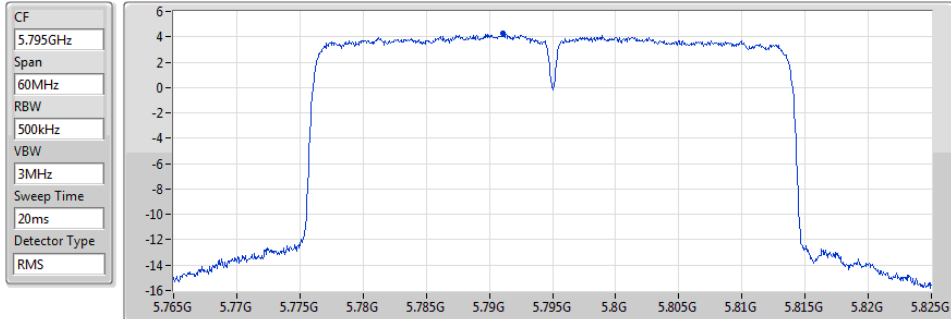


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

21/12/2019



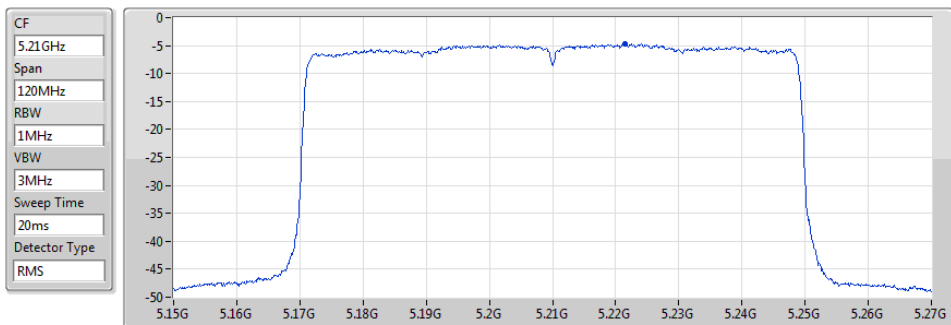
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.24	4.24	4.24

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

21/12/2019



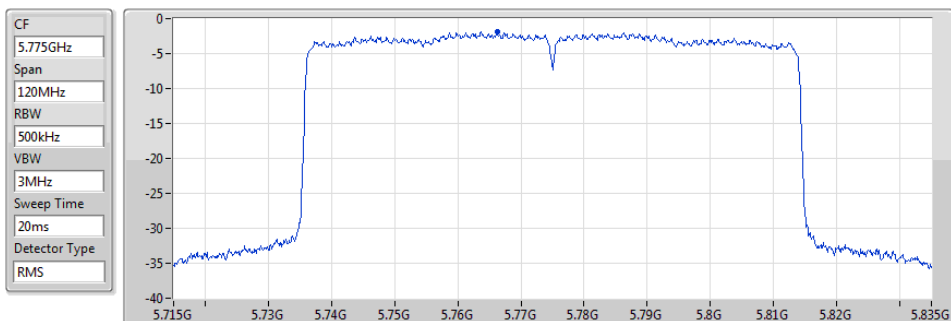
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.74	-4.74	-4.74

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

21/12/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.89	-1.89	-1.89

**Summary**

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.04	22.75
802.11ac VHT20_Nss2,(MCS0)_2TX	11.23	21.93
802.11ac VHT40_Nss2,(MCS0)_2TX	8.37	19.07
802.11ac VHT80_Nss2,(MCS0)_2TX	-1.68	9.02
802.11ax HEW20_Nss2,(MCS0)_2TX	11.13	21.83
802.11ax HEW40_Nss2,(MCS0)_2TX	8.06	18.76
802.11ax HEW80_Nss2,(MCS0)_2TX	-1.63	9.07
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	10.30	24.01
802.11ac VHT20_Nss2,(MCS0)_2TX	9.94	20.64
802.11ac VHT40_Nss2,(MCS0)_2TX	7.61	18.31
802.11ac VHT80_Nss2,(MCS0)_2TX	2.41	13.11
802.11ax HEW20_Nss2,(MCS0)_2TX	9.83	20.53
802.11ax HEW40_Nss2,(MCS0)_2TX	7.14	17.84
802.11ax HEW80_Nss2,(MCS0)_2TX	2.27	12.97

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	4.35	4.41	7.30	9.29	21.01	23.00
5200MHz	Pass	13.71	6.10	6.06	9.04	9.29	22.75	23.00
5240MHz	Pass	13.71	5.99	5.89	8.90	9.29	22.61	23.00
5745MHz	Pass	13.71	7.43	7.31	10.30	22.29	24.01	36.00
5785MHz	Pass	13.71	7.28	7.17	10.21	22.29	23.92	36.00
5825MHz	Pass	13.71	7.19	7.27	10.17	22.29	23.88	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	4.02	3.94	6.93	12.30	17.63	23.00
5200MHz	Pass	10.70	8.32	8.10	11.15	12.30	21.85	23.00
5240MHz	Pass	10.70	8.34	8.17	11.23	12.30	21.93	23.00
5745MHz	Pass	10.70	7.15	7.01	9.94	25.30	20.64	36.00
5785MHz	Pass	10.70	7.18	6.89	9.90	25.30	20.60	36.00
5825MHz	Pass	10.70	6.91	7.00	9.85	25.30	20.55	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	-1.10	-0.92	1.87	12.30	12.57	23.00
5230MHz	Pass	10.70	5.41	5.47	8.37	12.30	19.07	23.00
5755MHz	Pass	10.70	4.45	4.20	7.21	25.30	17.91	36.00
5795MHz	Pass	10.70	4.71	4.65	7.61	25.30	18.31	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	-4.67	-4.42	-1.68	12.30	9.02	23.00
5775MHz	Pass	10.70	-0.31	-0.29	2.41	25.30	13.11	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	3.89	3.90	6.87	12.30	17.57	23.00
5200MHz	Pass	10.70	8.20	7.96	11.03	12.30	21.73	23.00
5240MHz	Pass	10.70	8.30	8.00	11.13	12.30	21.83	23.00
5745MHz	Pass	10.70	6.89	6.85	9.83	25.30	20.53	36.00
5785MHz	Pass	10.70	6.80	6.74	9.73	25.30	20.43	36.00
5825MHz	Pass	10.70	6.73	6.93	9.77	25.30	20.47	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	-1.47	-1.16	1.65	12.30	12.35	23.00
5230MHz	Pass	10.70	5.27	5.05	8.06	12.30	18.76	23.00
5755MHz	Pass	10.70	4.17	4.01	7.01	25.30	17.71	36.00
5795MHz	Pass	10.70	4.25	4.15	7.14	25.30	17.84	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	-4.70	-4.36	-1.63	12.30	9.07	23.00
5775MHz	Pass	10.70	-0.54	-0.73	2.27	25.30	12.97	36.00

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

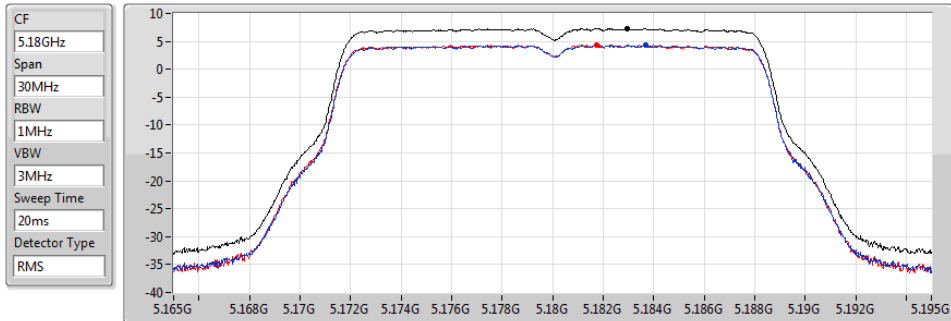
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

5180MHz

PSD

02/01/2020



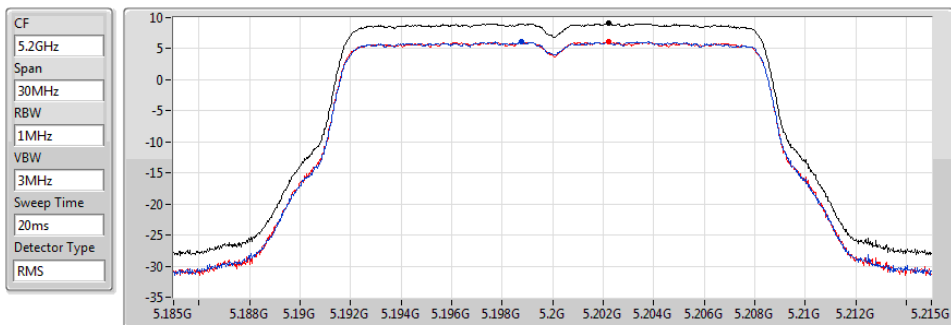
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.30	7.30	4.35	4.41

802.11a_Nss1,(6Mbps)_2TX

5200MHz

PSD

02/01/2020



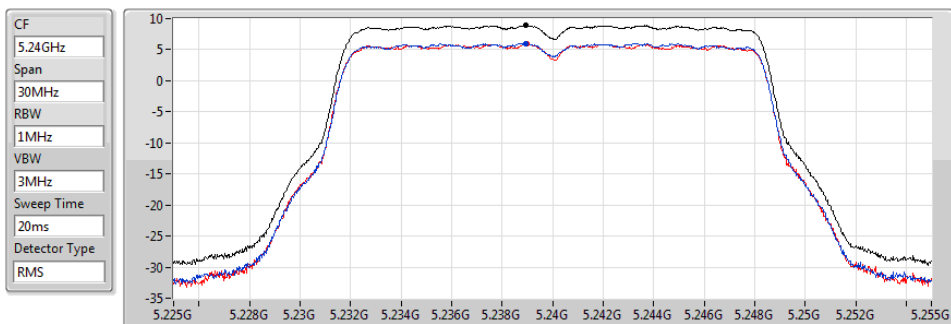
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.04	9.04	6.10	6.06

802.11a_Nss1,(6Mbps)_2TX

5240MHz

PSD

02/01/2020



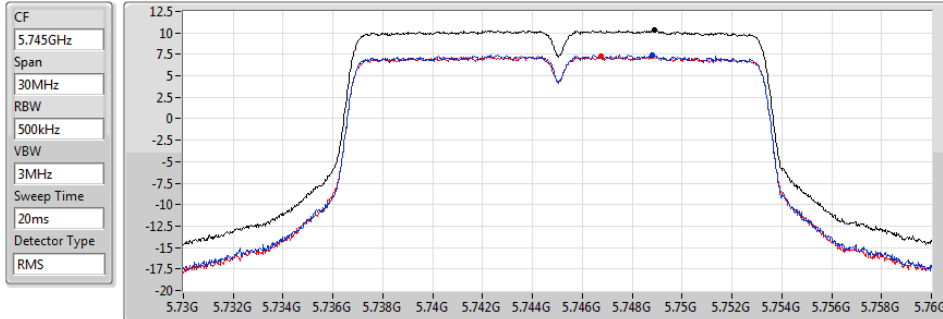
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.90	8.90	5.99	5.89

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

02/01/2020



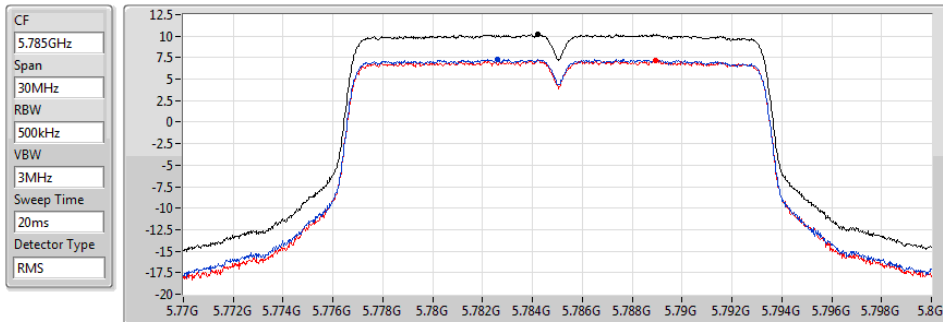
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.30	10.30	7.43	7.31

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

02/01/2020



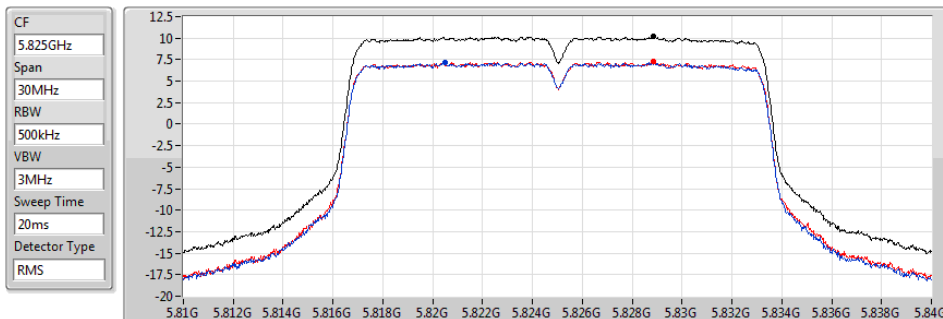
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.21	10.21	7.28	7.17

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

02/01/2020



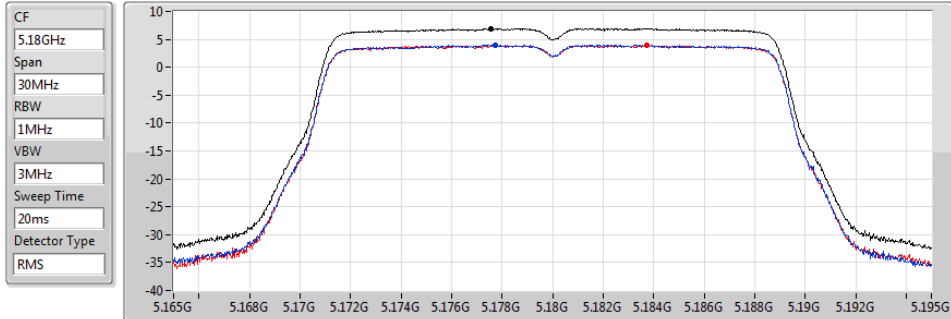
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.17	10.17	7.19	7.27

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5180MHz

02/01/2020



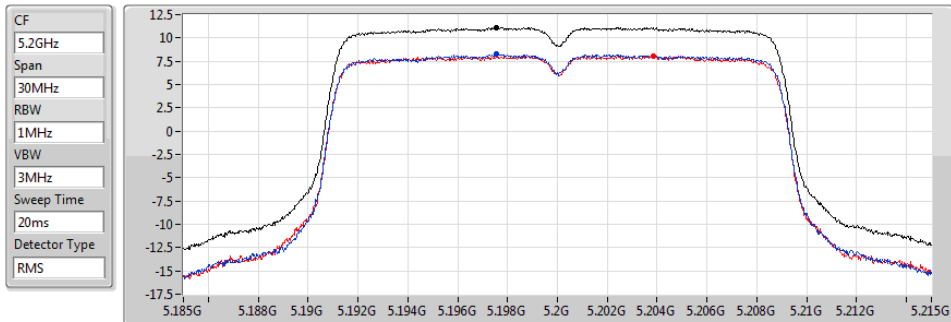
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.93	6.93	4.02	3.94

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5200MHz

02/01/2020



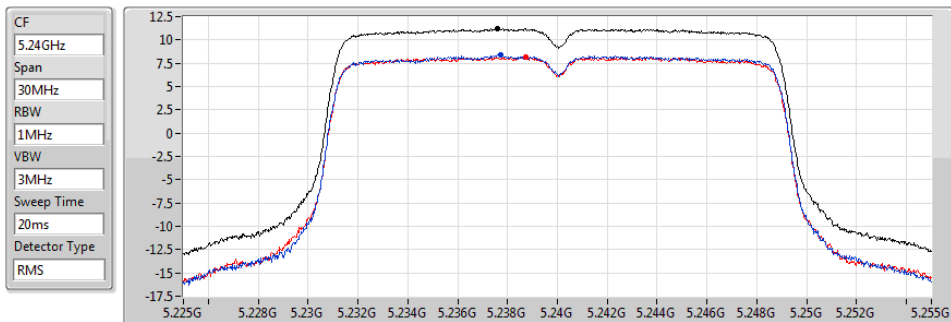
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.15	11.15	8.32	8.10

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5240MHz

02/01/2020



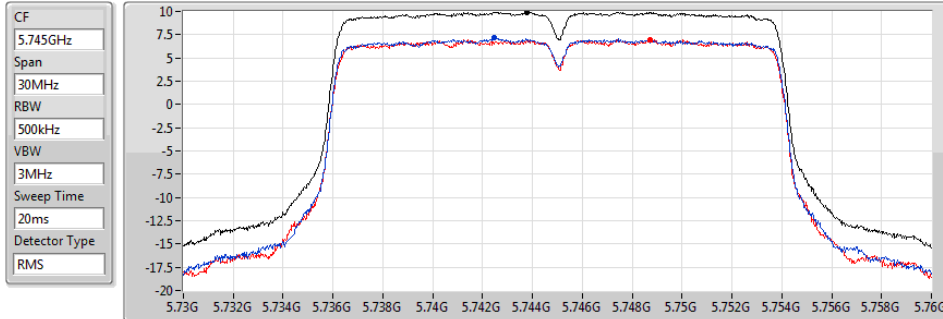
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.23	11.23	8.34	8.17

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5745MHz

02/01/2020



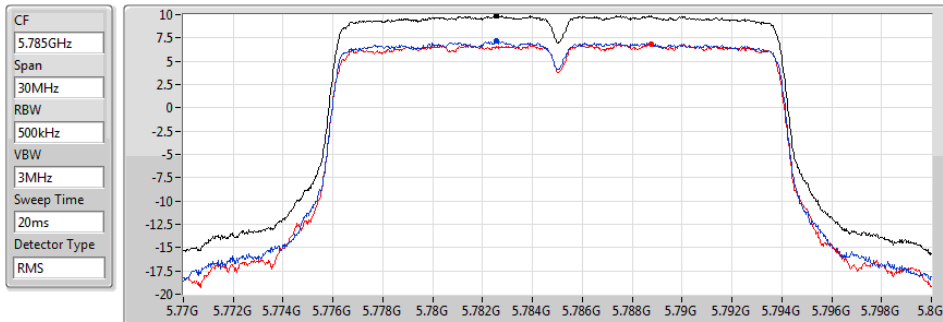
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.94	9.94	7.15	7.01

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5785MHz

02/01/2020



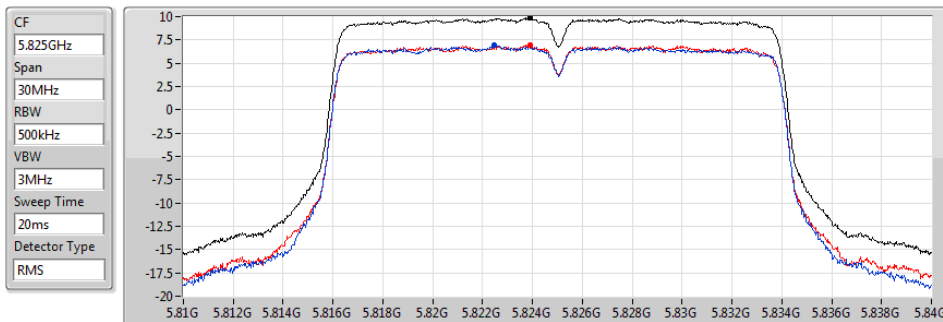
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.90	9.90	7.18	6.89

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5825MHz

02/01/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.85	9.85	6.91	7.00

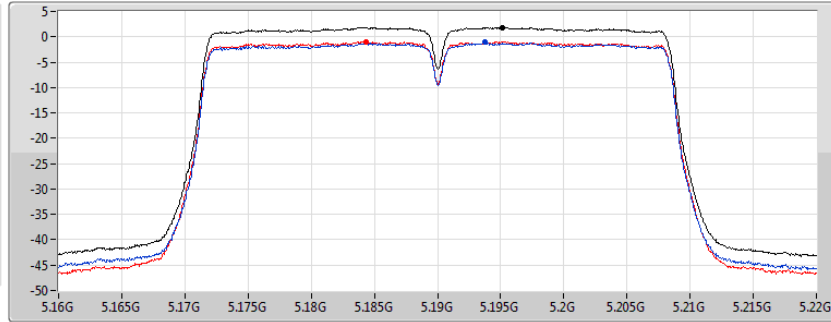
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5190MHz

02/01/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.87	1.87	-1.10	-0.92

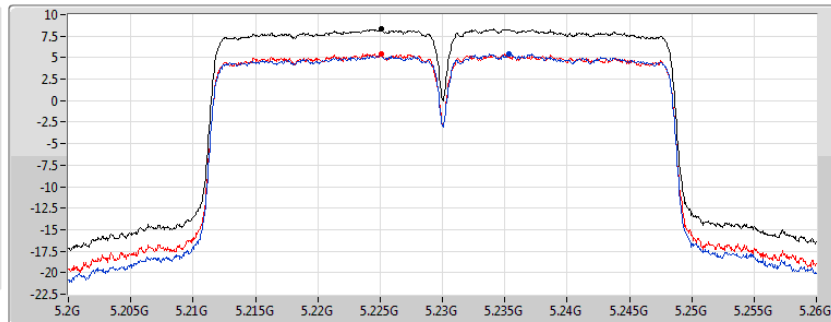
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5230MHz

02/01/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.37	8.37	5.41	5.47

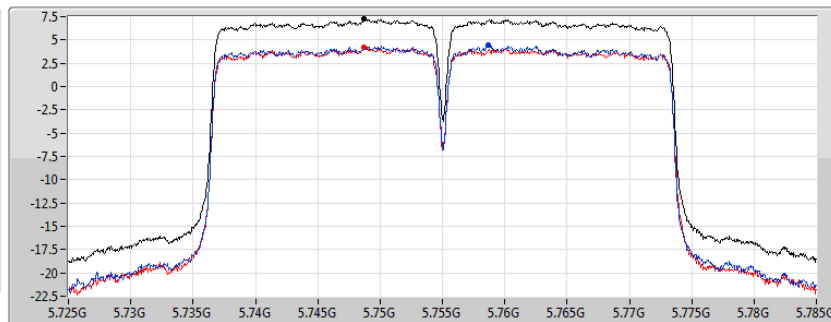
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5755MHz

02/01/2020

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



Sum
Port 1
Port 2

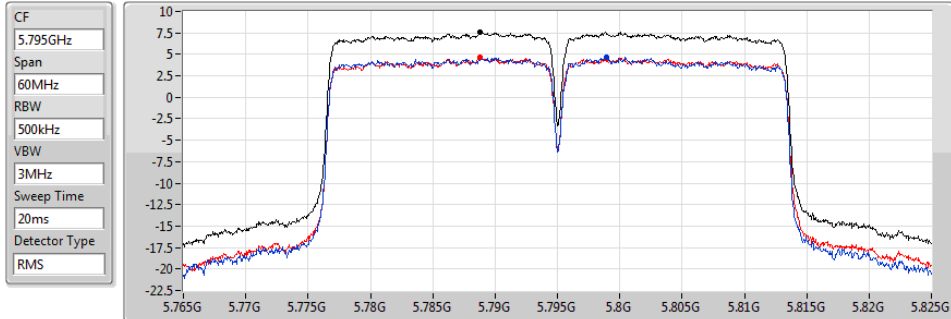
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.21	7.21	4.45	4.20

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5795MHz

02/01/2020



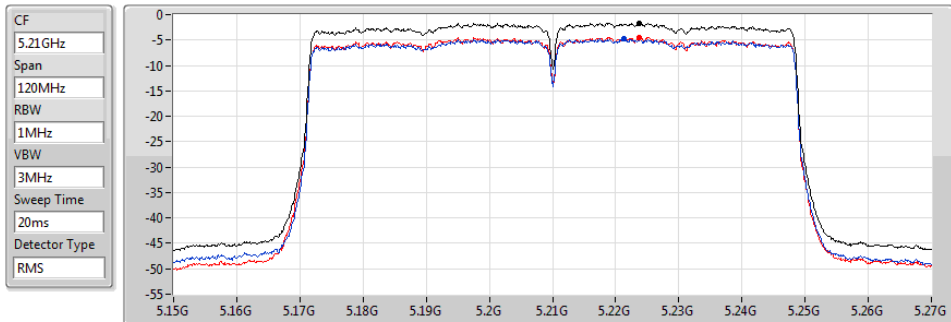
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.61	7.61	4.71	4.65

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5210MHz

02/01/2020



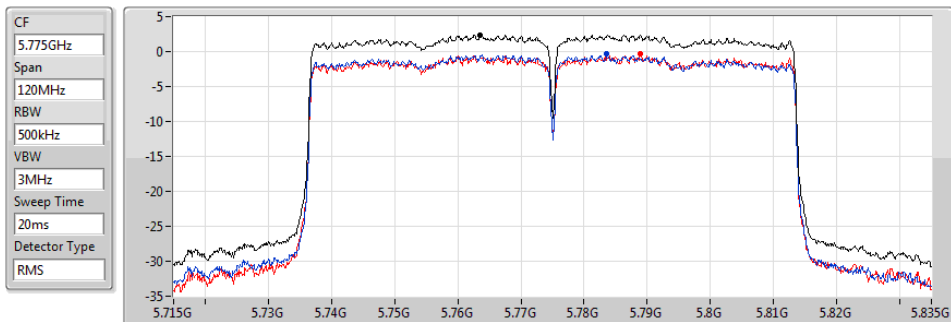
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.68	-1.68	-4.67	-4.42

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5775MHz

02/01/2020



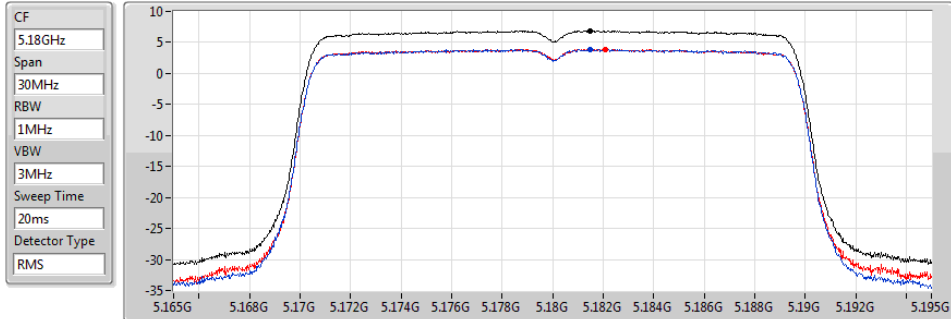
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.41	2.41	-0.31	-0.29

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5180MHz

02/01/2020



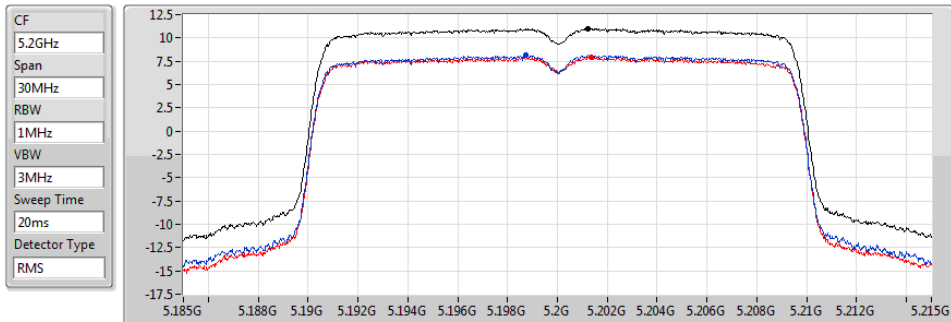
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.87	6.87	3.89	3.90

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5200MHz

02/01/2020



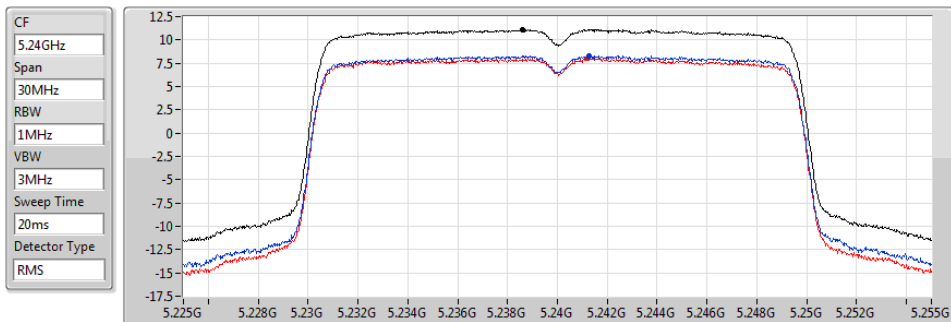
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.03	11.03	8.20	7.96

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5240MHz

02/01/2020



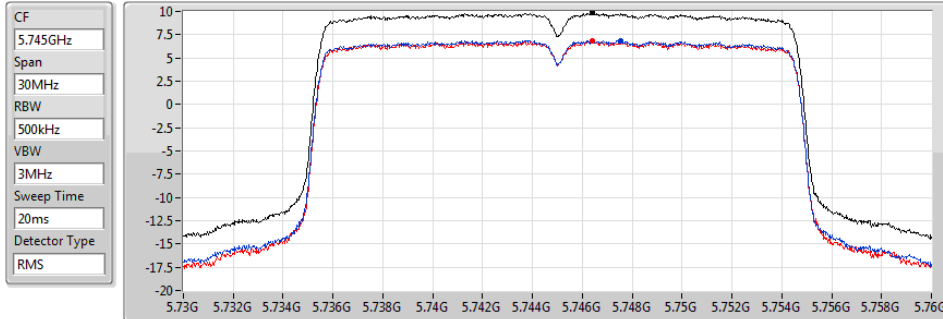
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.13	11.13	8.30	8.00

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5745MHz

02/01/2020



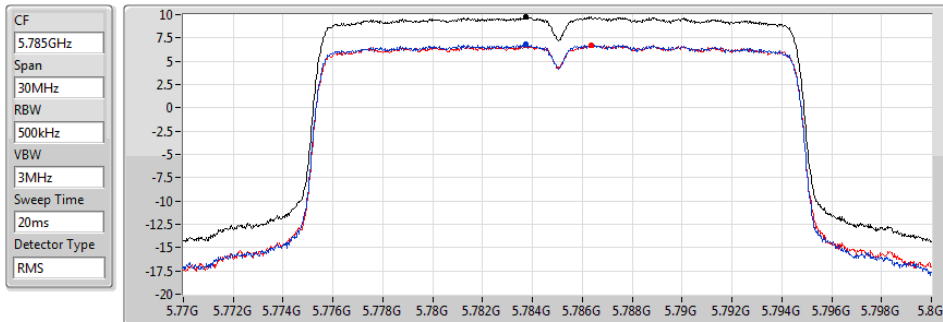
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.83	9.83	6.89	6.85

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5785MHz

02/01/2020



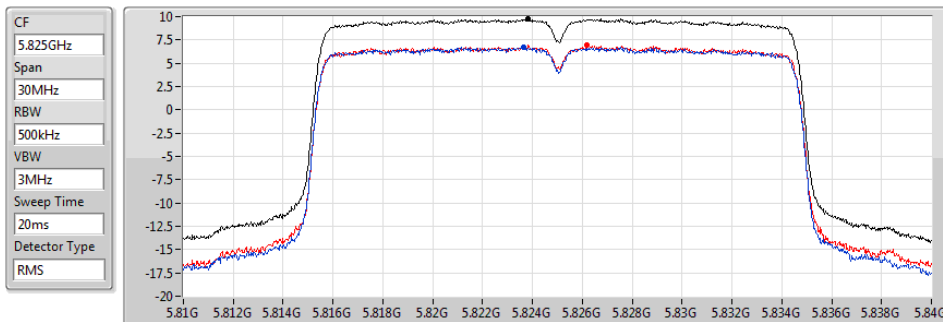
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.73	9.73	6.80	6.74

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5825MHz

02/01/2020



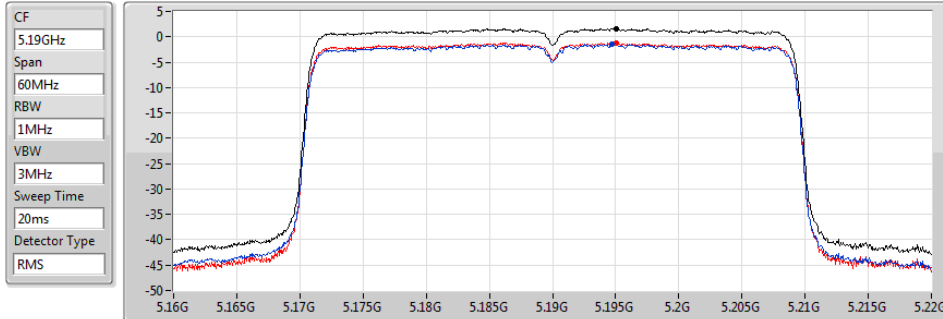
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.77	9.77	6.73	6.93

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5190MHz

02/01/2020



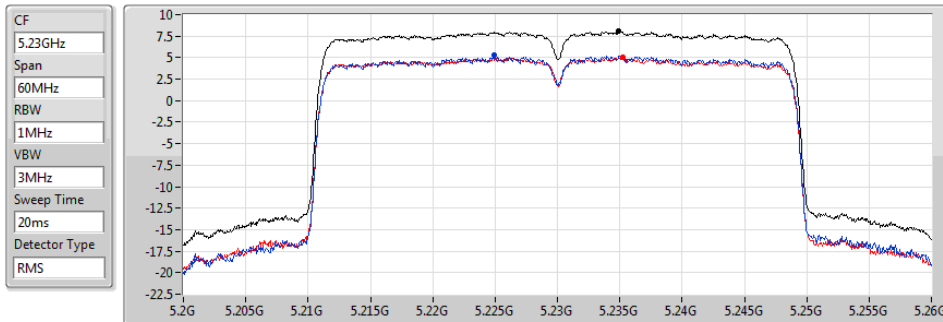
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.65	1.65	-1.47	-1.16

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5230MHz

02/01/2020



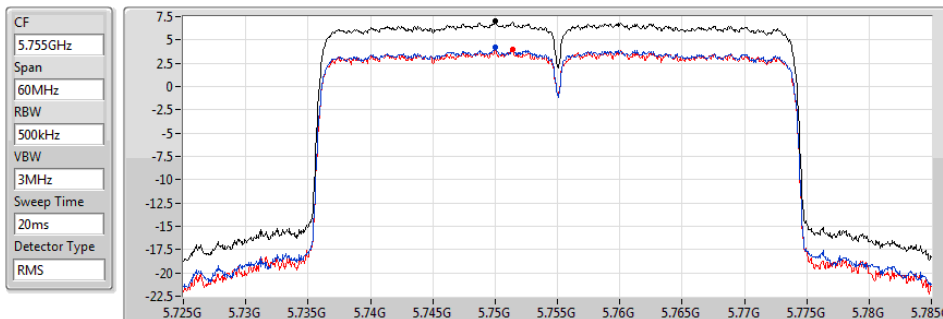
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.06	8.06	5.27	5.05

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5755MHz

02/01/2020



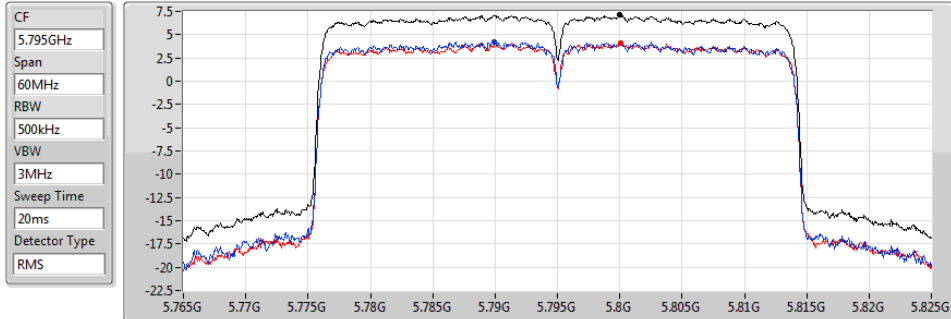
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.01	7.01	4.17	4.01

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5795MHz

02/01/2020



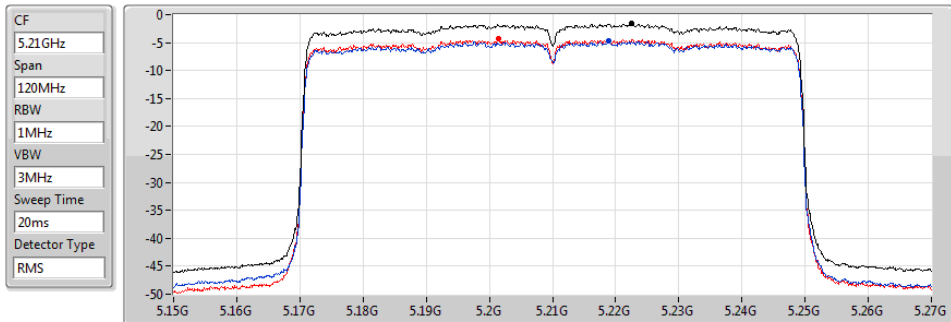
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.14	7.14	4.25	4.15

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5210MHz

02/01/2020



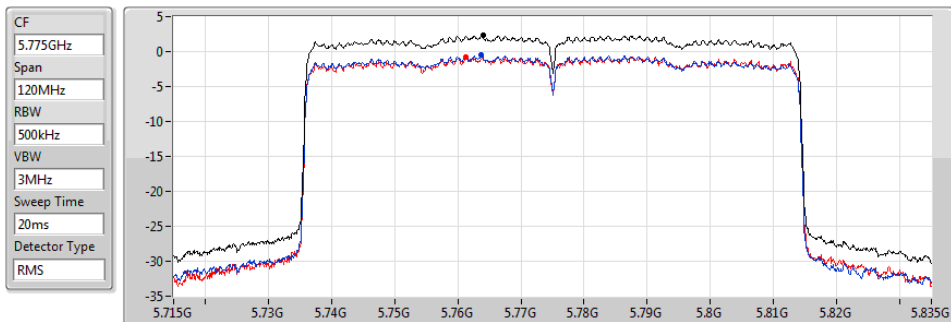
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.63	-1.63	-4.70	-4.36

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5775MHz

02/01/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.27	2.27	-0.54	-0.73



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	12.36	20.49
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	7.01	15.14
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-2.50	5.63
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	12.19	20.32
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.12	15.25
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.53	7.60
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	11.88	20.01
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	8.69	16.82
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.68	11.81
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.66	19.79
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.38	15.51
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.43	11.56

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.13	6.74	6.25	9.01	14.87	17.14	23.00
5200MHz	Pass	8.13	9.78	9.33	12.36	14.87	20.49	23.00
5240MHz	Pass	8.13	7.71	7.11	10.18	14.87	18.31	23.00
5745MHz	Pass	8.13	7.74	6.57	9.79	27.87	17.92	36.00
5785MHz	Pass	8.13	9.98	9.20	11.88	27.87	20.01	36.00
5825MHz	Pass	8.13	9.35	9.57	11.76	27.87	19.89	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.13	1.73	1.14	3.87	14.87	12.00	23.00
5230MHz	Pass	8.13	4.57	4.38	7.01	14.87	15.14	23.00
5755MHz	Pass	8.13	5.70	4.51	7.71	27.87	15.84	36.00
5795MHz	Pass	8.13	6.58	6.15	8.69	27.87	16.82	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.13	-4.70	-5.03	-2.50	14.87	5.63	23.00
5775MHz	Pass	8.13	1.73	1.21	3.68	27.87	11.81	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.13	6.24	6.07	9.05	14.87	17.18	23.00
5200MHz	Pass	8.13	9.71	9.24	12.19	14.87	20.32	23.00
5240MHz	Pass	8.13	7.60	6.98	10.20	14.87	18.33	23.00
5745MHz	Pass	8.13	8.17	7.04	10.33	27.87	18.46	36.00
5785MHz	Pass	8.13	9.98	8.94	11.66	27.87	19.79	36.00
5825MHz	Pass	8.13	9.62	8.99	11.60	27.87	19.73	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.13	-0.11	-0.21	2.13	14.87	10.26	23.00
5230MHz	Pass	8.13	4.90	4.15	7.12	14.87	15.25	23.00
5755MHz	Pass	8.13	5.37	4.57	7.38	27.87	15.51	36.00
5795MHz	Pass	8.13	4.26	4.53	6.61	27.87	14.74	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.13	-3.13	-2.97	-0.53	14.87	7.60	23.00
5775MHz	Pass	8.13	1.69	0.48	3.43	27.87	11.56	36.00

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

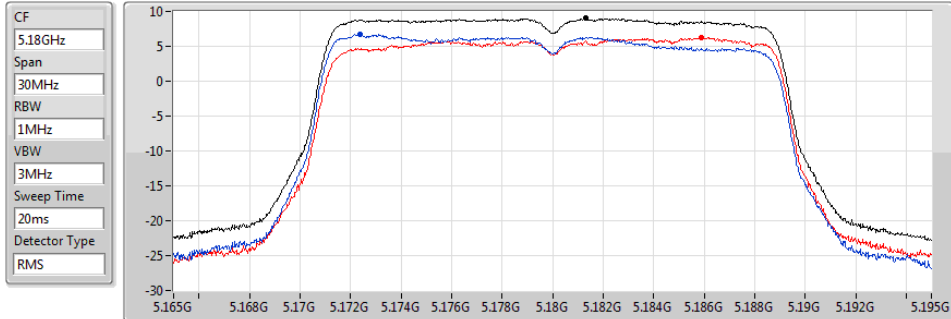
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

25/12/2019



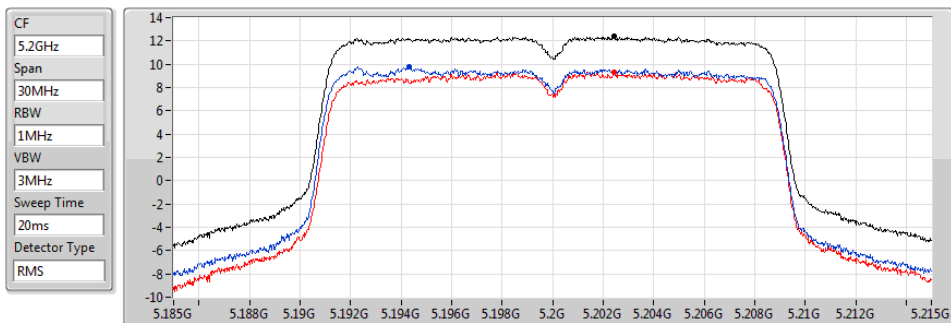
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.01	9.01	6.74	6.25

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

25/12/2019



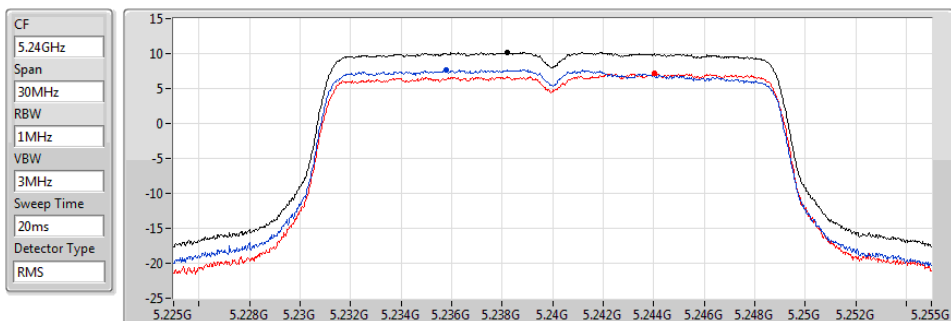
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
12.36	12.36	9.78	9.33

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

25/12/2019



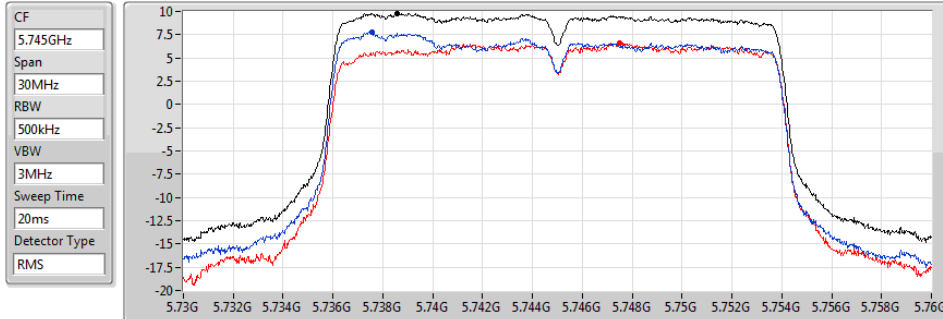
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.18	10.18	7.71	7.11

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

25/12/2019



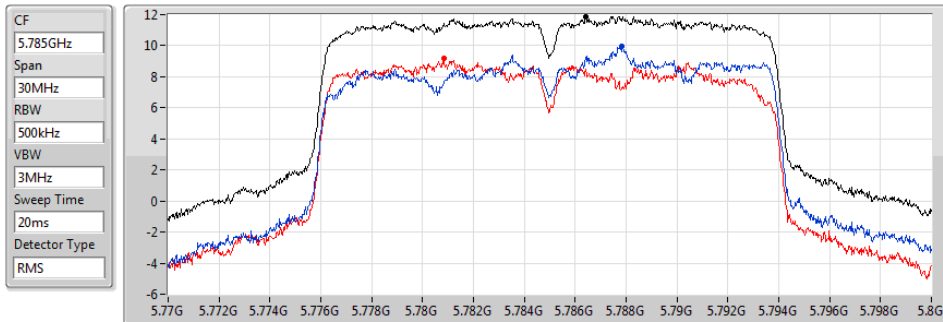
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.79	9.79	7.74	6.57

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

25/12/2019



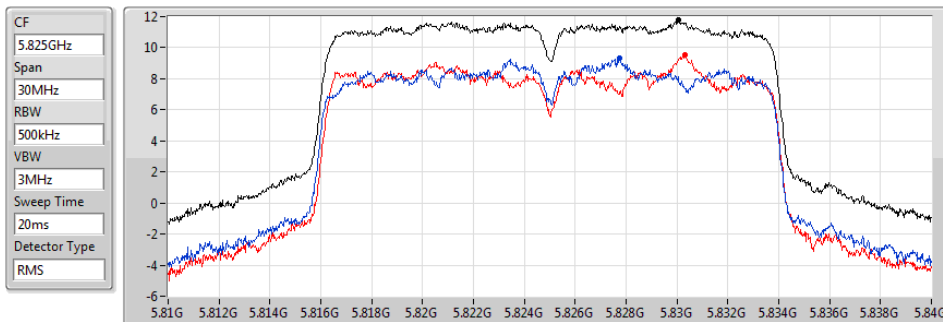
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.88	11.88	9.98	9.20

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

25/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.76	11.76	9.35	9.57

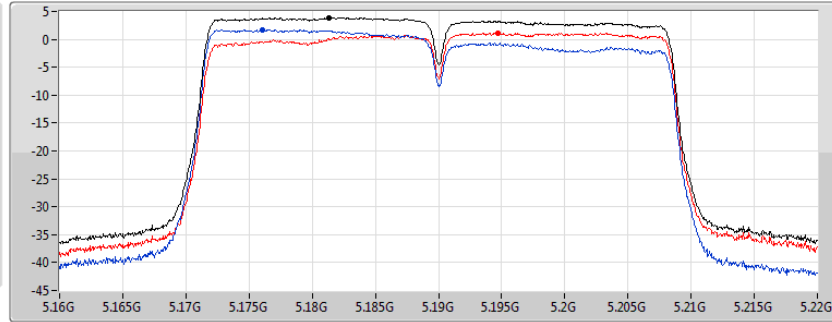
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

25/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.87	3.87	1.73	1.14

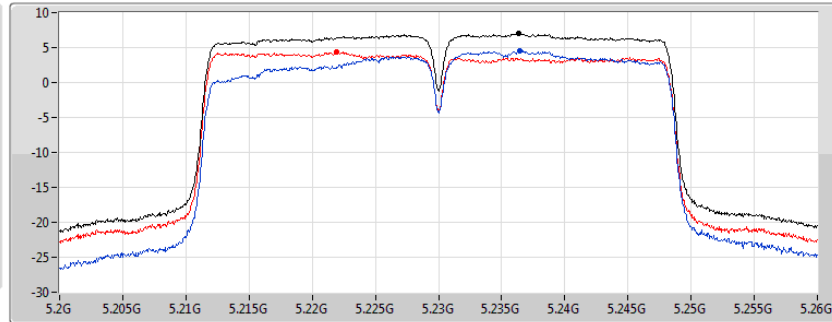
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

25/12/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.01	7.01	4.57	4.38

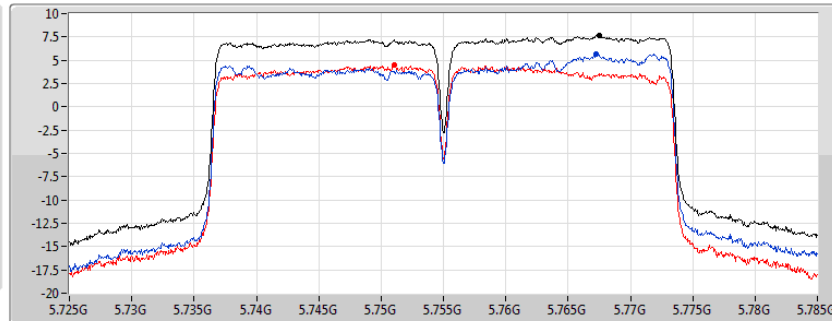
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

25/12/2019

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



Sum
Port 1
Port 2

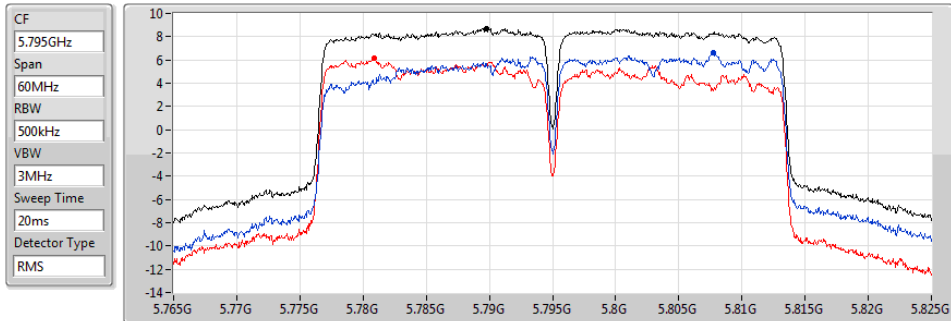
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.71	7.71	5.70	4.51

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

25/12/2019



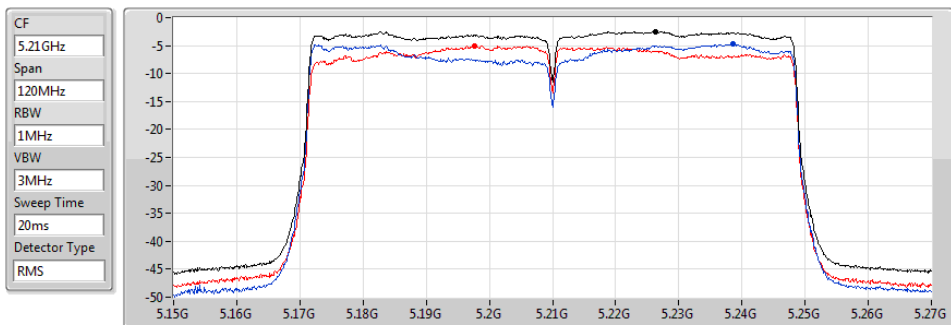
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.69	8.69	6.58	6.15

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

25/12/2019



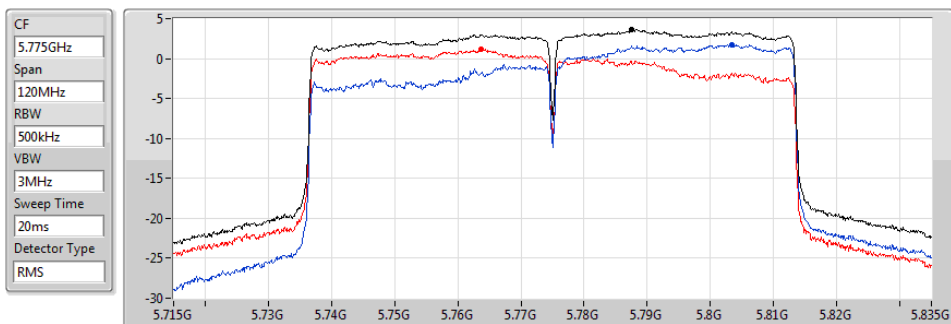
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.50	-2.50	-4.70	-5.03

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

25/12/2019



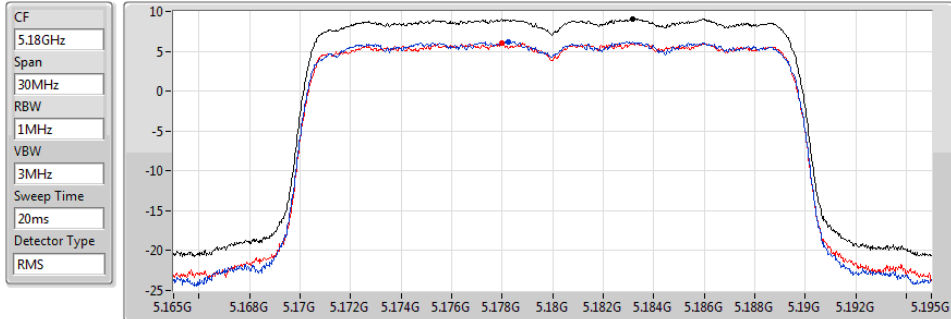
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.68	3.68	1.73	1.21

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

24/12/2019



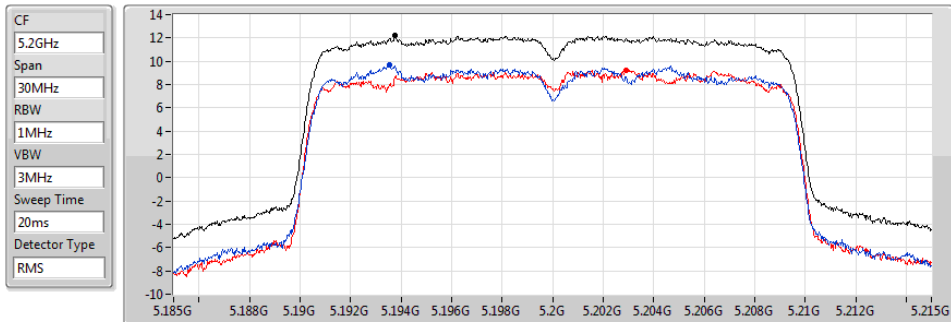
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.05	9.05	6.24	6.07

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

24/12/2019



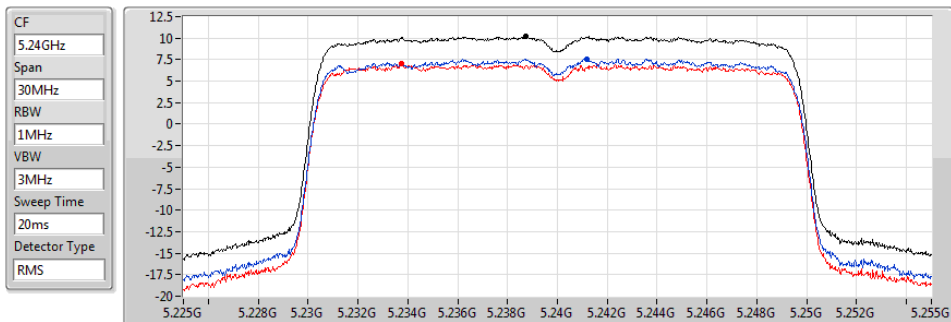
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.19	12.19	9.71	9.24

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

24/12/2019



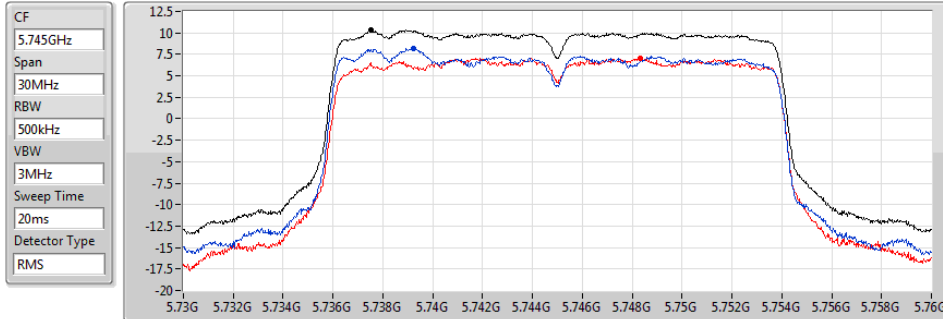
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.20	10.20	7.60	6.98

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

25/12/2019



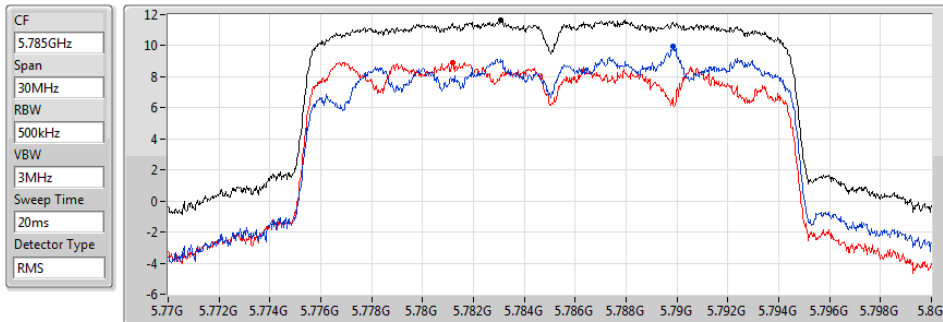
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.33	10.33	8.17	7.04

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

25/12/2019



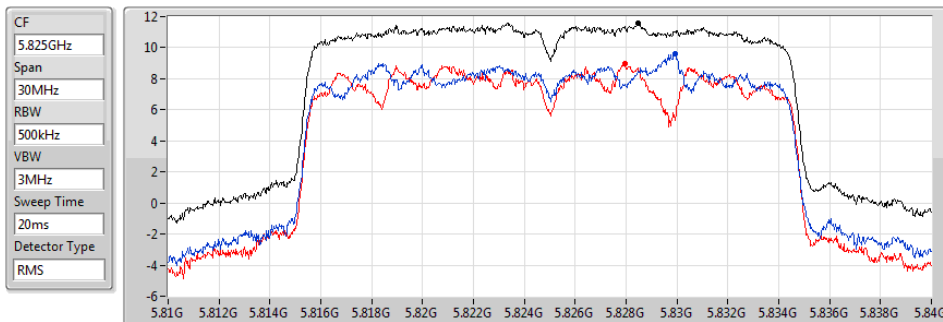
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
11.66	11.66	9.98	8.94

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

25/12/2019



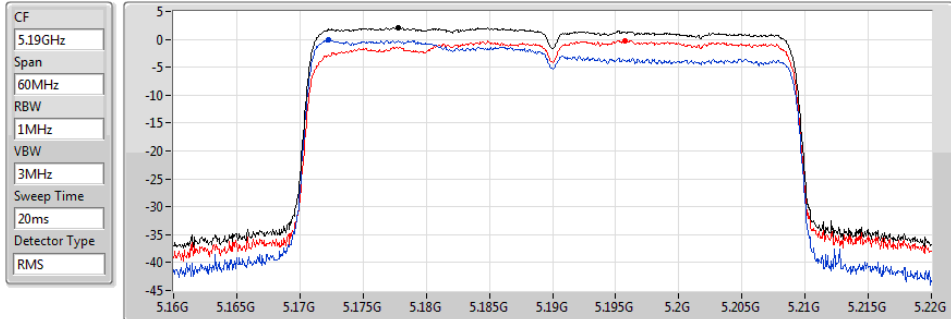
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
11.60	11.60	9.62	8.99

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

25/12/2019



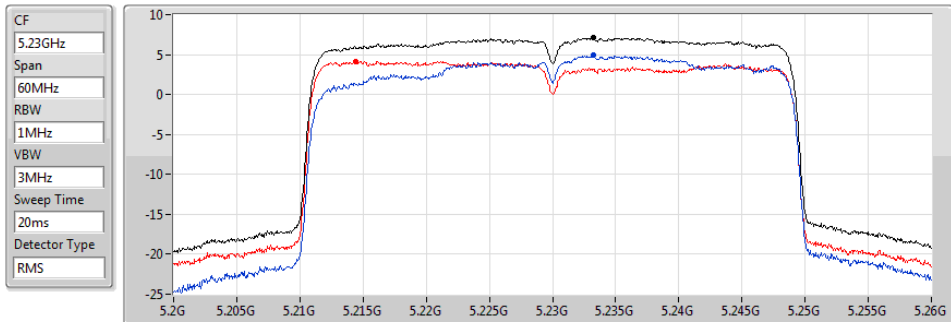
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.13	2.13	-0.11	-0.21

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

25/12/2019



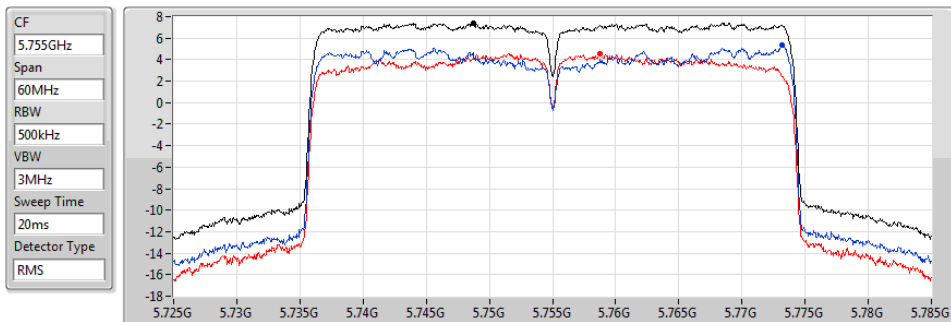
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.12	7.12	4.90	4.15

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

25/12/2019



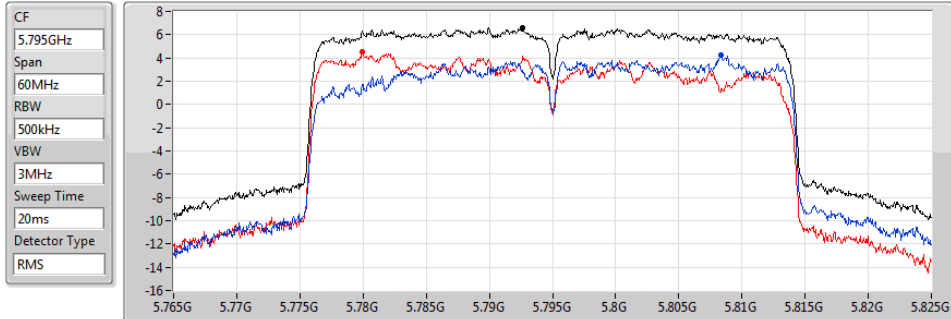
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.38	7.38	5.37	4.57

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

25/12/2019



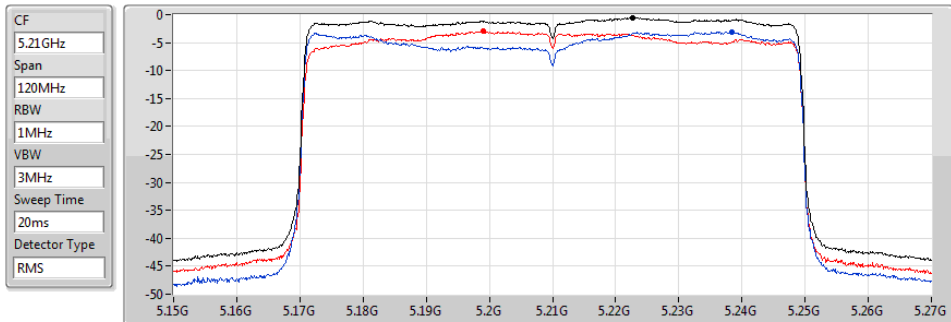
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.61	6.61	4.26	4.53

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

25/12/2019



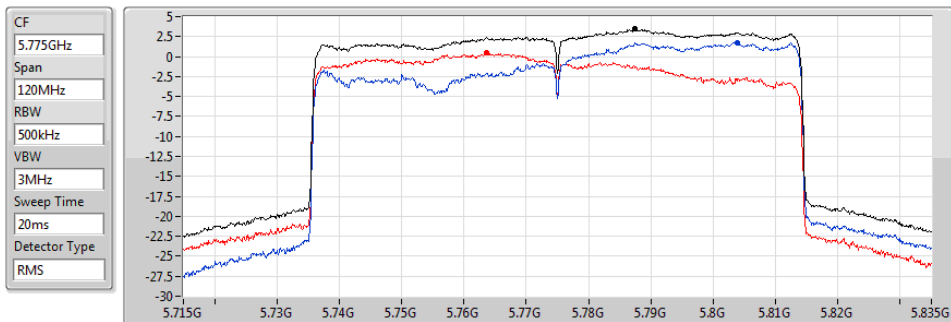
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.53	-0.53	-3.13	-2.97

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

25/12/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.43	3.43	1.69	0.48

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	11.62	19.41
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	7.49	15.28
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	1.00	8.79
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.43	19.22
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.52	15.31
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	1.11	8.90
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	10.90	18.69
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	8.95	16.74
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.91	11.70
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.78	18.57
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	8.70	16.49
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.84	11.63

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.79	4.85	4.84	7.73	15.21	15.52	23.00
5200MHz_TnomVnom	Pass	7.79	8.95	8.71	11.62	15.21	19.41	23.00
5240MHz_TnomVnom	Pass	7.79	7.84	7.76	10.67	15.21	18.46	23.00
5745MHz_TnomVnom	Pass	7.79	7.88	7.69	10.61	28.21	18.40	36.00
5785MHz_TnomVnom	Pass	7.79	8.07	8.20	10.90	28.21	18.69	36.00
5825MHz_TnomVnom	Pass	7.79	4.10	3.89	6.76	28.21	14.55	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	7.79	0.77	0.94	3.76	15.21	11.55	23.00
5230MHz_TnomVnom	Pass	7.79	4.23	4.93	7.49	15.21	15.28	23.00
5755MHz_TnomVnom	Pass	7.79	4.97	4.93	7.72	28.21	15.51	36.00
5795MHz_TnomVnom	Pass	7.79	6.37	6.18	8.95	28.21	16.74	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	7.79	-1.96	-1.89	1.00	15.21	8.79	23.00
5775MHz_TnomVnom	Pass	7.79	1.36	0.98	3.91	28.21	11.70	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.79	5.79	5.30	8.36	15.21	16.15	23.00
5200MHz_TnomVnom	Pass	7.79	8.75	8.54	11.43	15.21	19.22	23.00
5240MHz_TnomVnom	Pass	7.79	8.09	8.06	10.89	15.21	18.68	23.00
5745MHz_TnomVnom	Pass	7.79	7.94	8.53	10.78	28.21	18.57	36.00
5785MHz_TnomVnom	Pass	7.79	7.74	7.98	10.66	28.21	18.45	36.00
5825MHz_TnomVnom	Pass	7.79	3.83	3.70	6.60	28.21	14.39	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	7.79	0.93	1.13	3.96	15.21	11.75	23.00
5230MHz_TnomVnom	Pass	7.79	4.24	4.82	7.52	15.21	15.31	23.00
5755MHz_TnomVnom	Pass	7.79	5.05	4.50	7.49	28.21	15.28	36.00
5795MHz_TnomVnom	Pass	7.79	6.03	6.24	8.70	28.21	16.49	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	7.79	-1.83	-1.83	1.11	15.21	8.90	23.00
5775MHz_TnomVnom	Pass	7.79	1.04	1.12	3.84	28.21	11.63	36.00

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

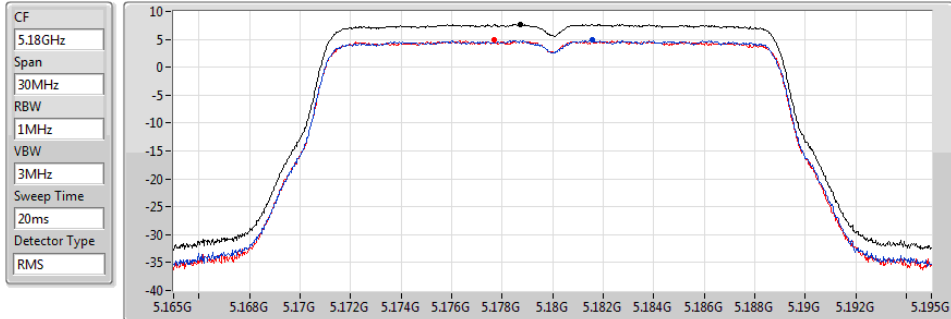
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

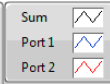
PSD

5180MHz

25/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.73	7.73	4.85	4.84

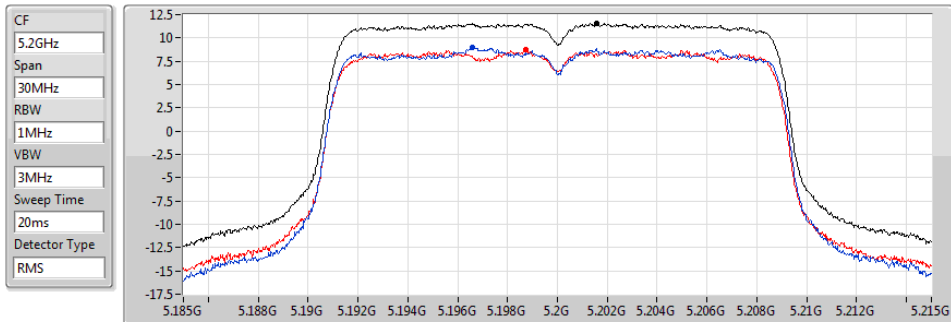


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

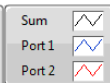
PSD

5200MHz

25/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.62	11.62	8.95	8.71

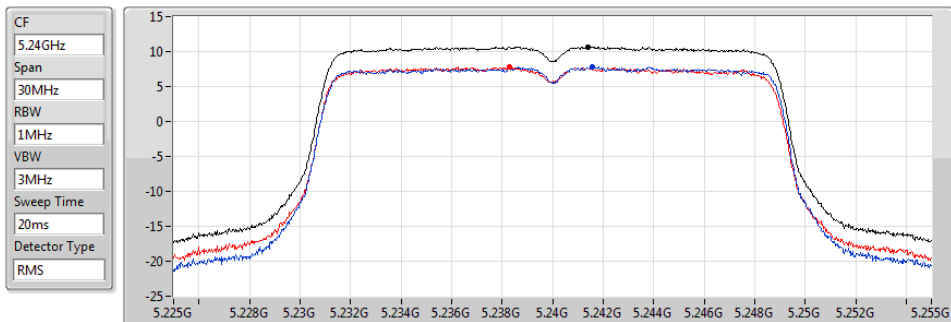


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

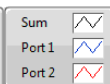
PSD

5240MHz

25/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.67	10.67	7.84	7.76

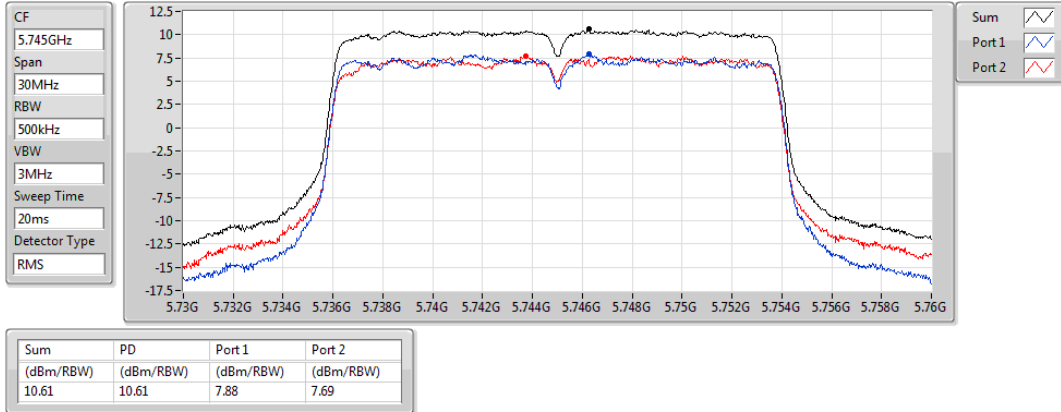


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

25/12/2019

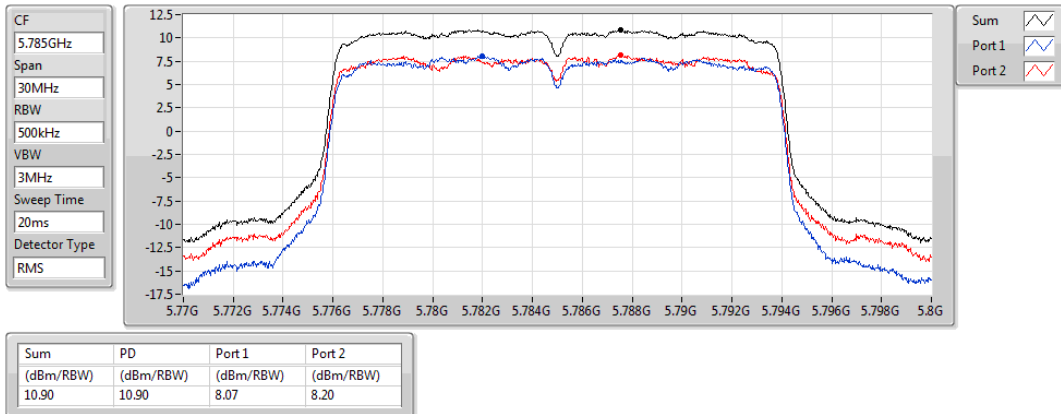


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

25/12/2019

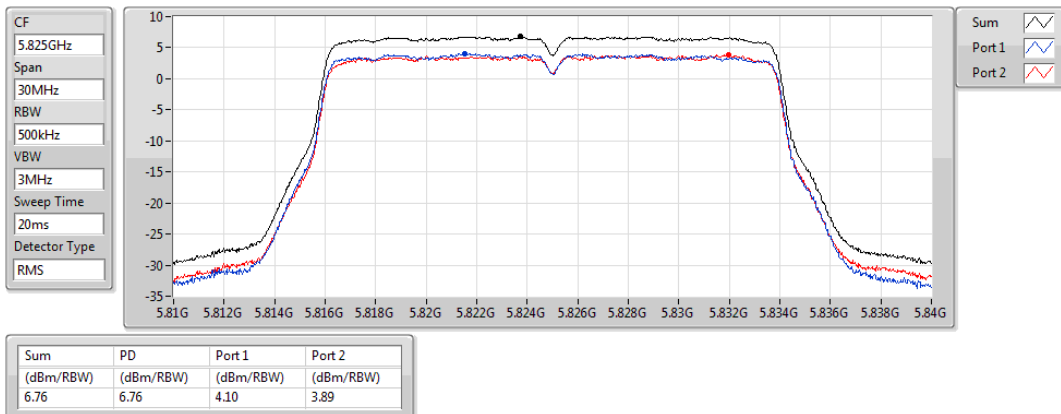


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

25/12/2019

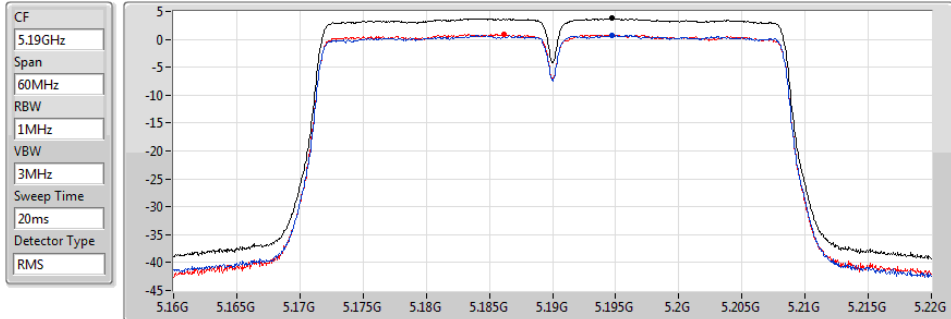


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

25/12/2019



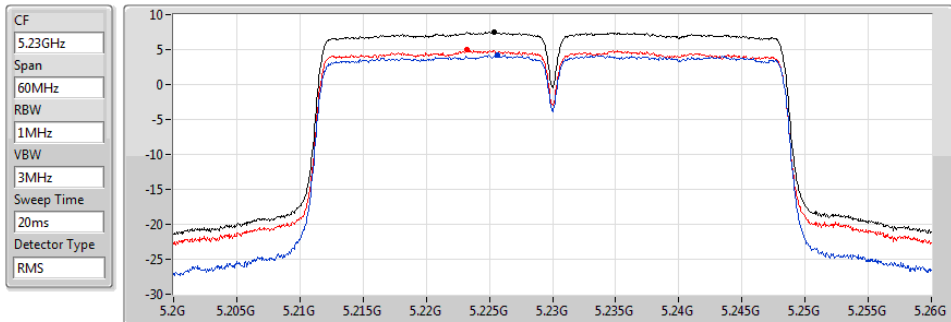
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.76	3.76	0.77	0.94

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

25/12/2019



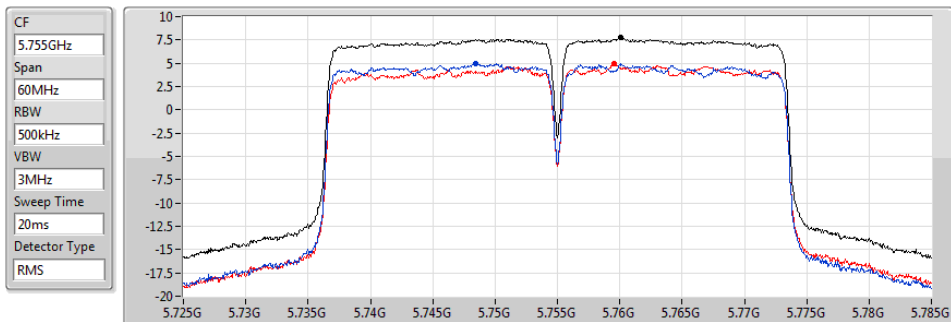
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.49	7.49	4.23	4.93

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

25/12/2019



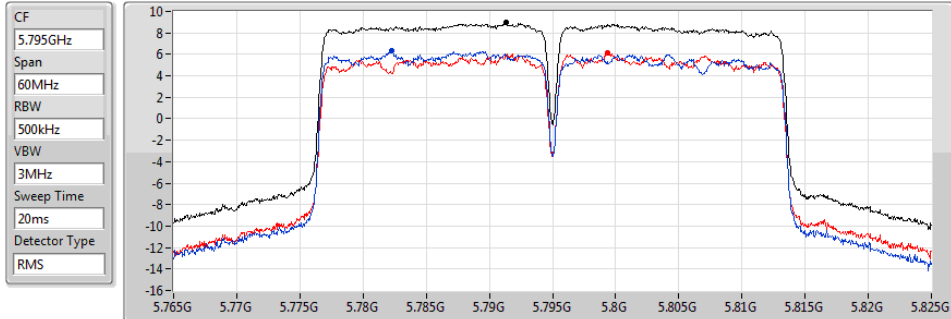
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.72	7.72	4.97	4.93

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

25/12/2019



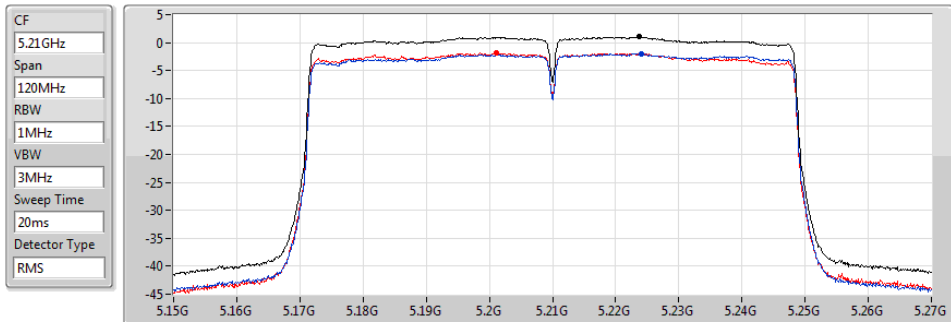
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.95	8.95	6.37	6.18

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

25/12/2019



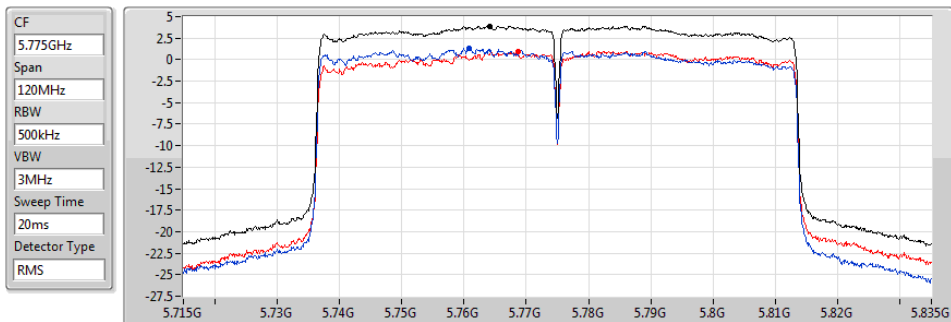
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.00	1.00	-1.96	-1.89

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

25/12/2019



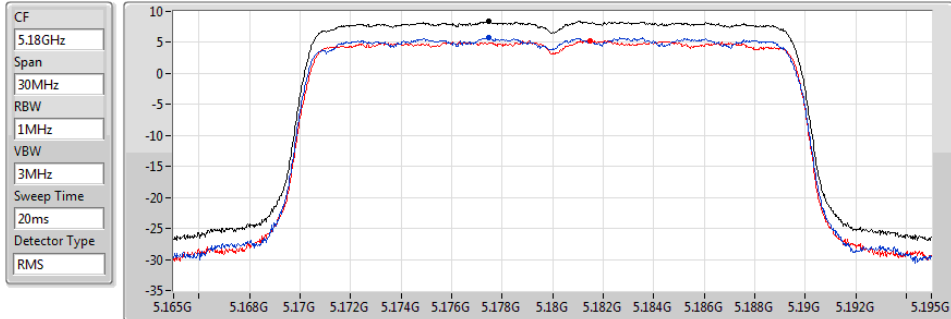
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.91	3.91	1.36	0.98

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

25/12/2019



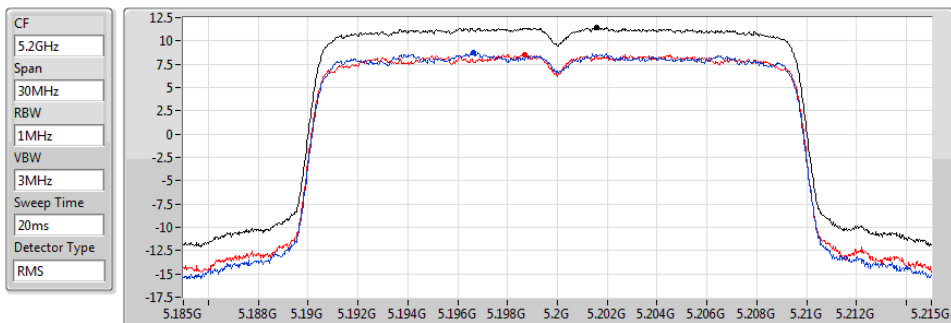
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.36	8.36	5.79	5.30

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

25/12/2019



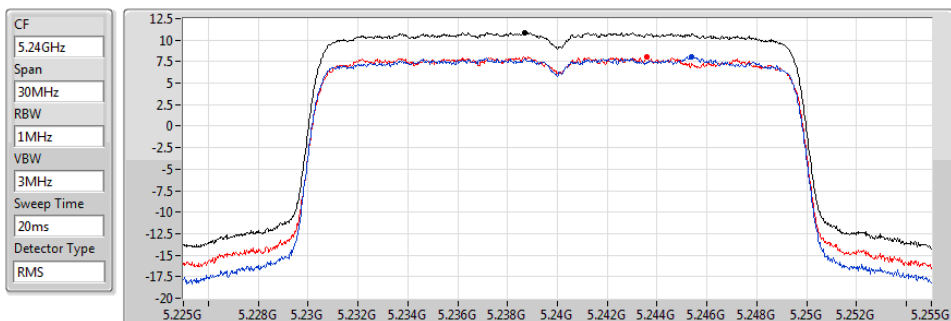
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.43	11.43	8.75	8.54

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

25/12/2019



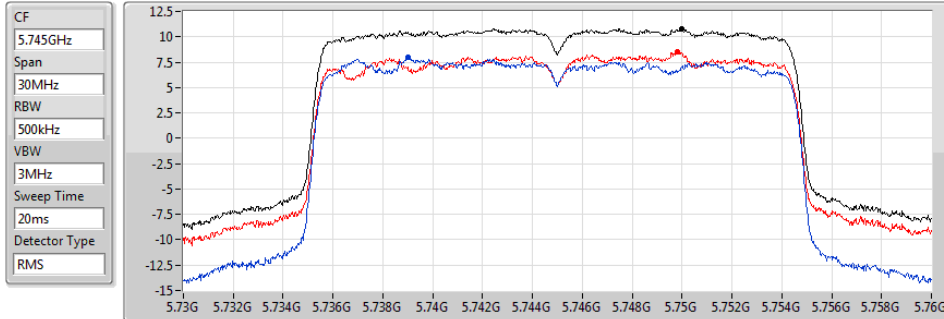
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.89	10.89	8.09	8.06

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

25/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.78	10.78	7.94	8.53

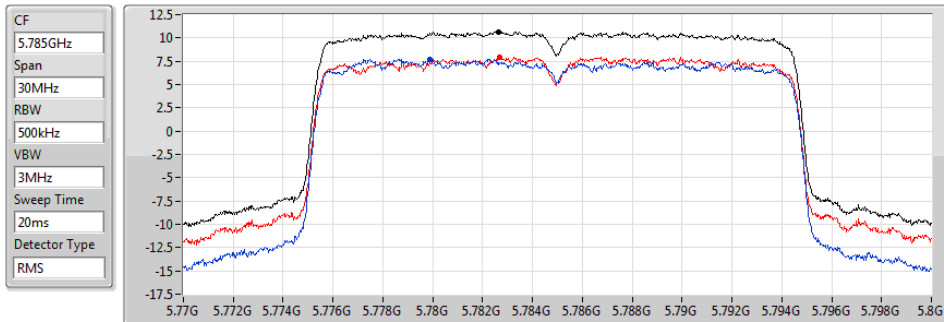
Sum
Port 1
Port 2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

25/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.66	10.66	7.74	7.98

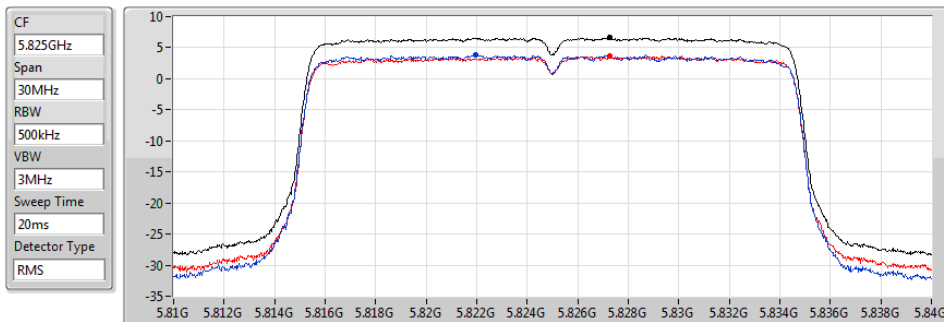
Sum
Port 1
Port 2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

25/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.60	6.60	3.83	3.70

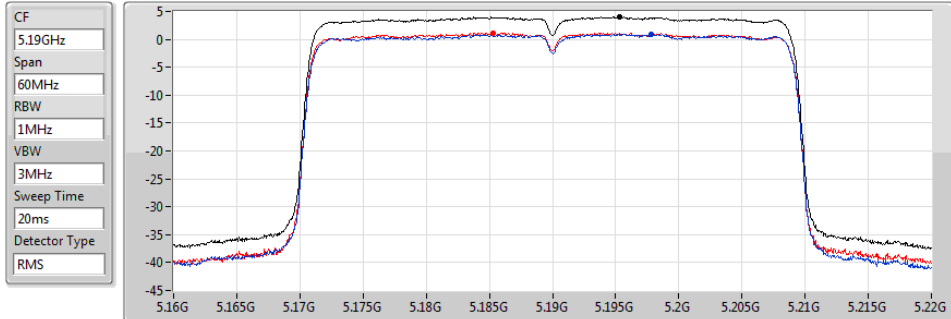
Sum
Port 1
Port 2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

25/12/2019



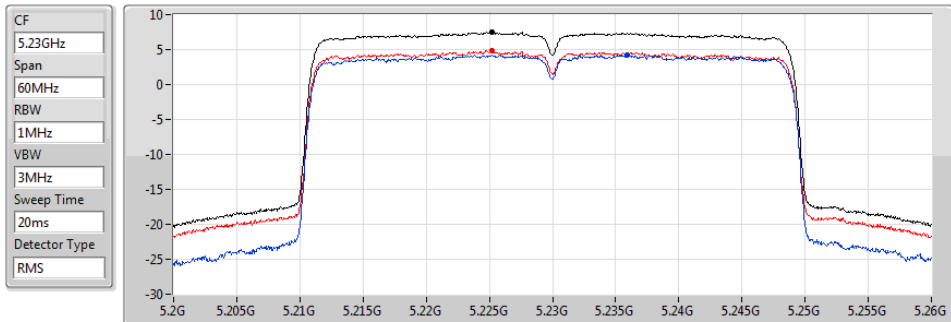
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.96	3.96	0.93	1.13

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

25/12/2019



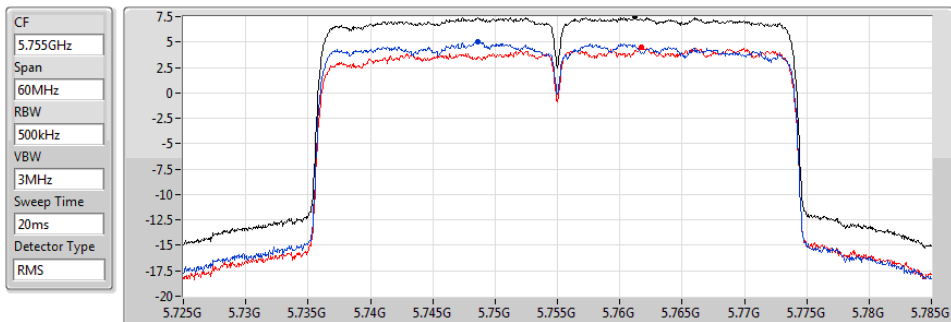
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.52	7.52	4.24	4.82

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

25/12/2019



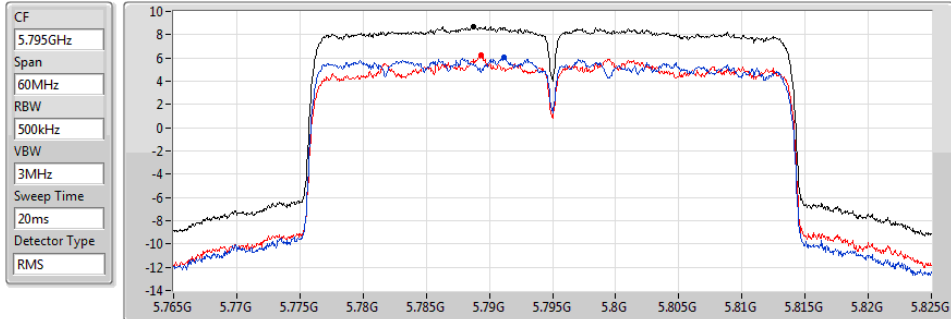
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.49	7.49	5.05	4.50

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

25/12/2019



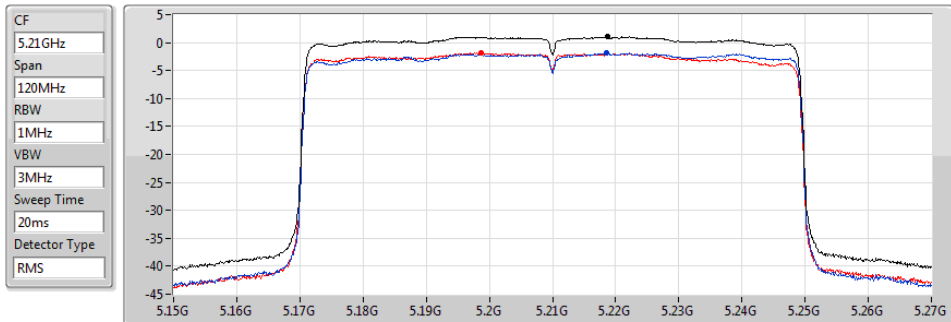
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.70	8.70	6.03	6.24

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

25/12/2019



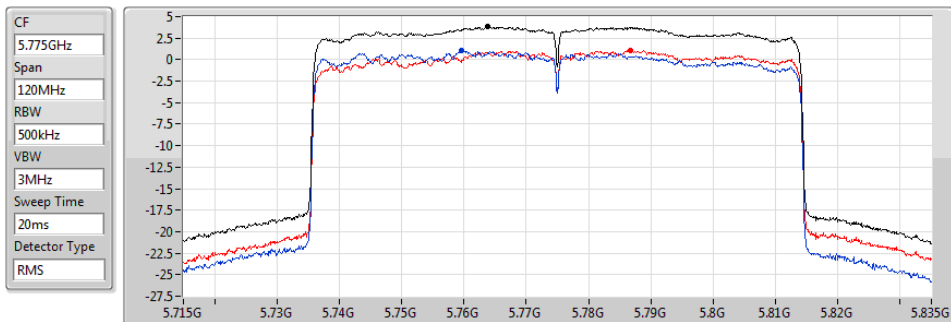
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.11	1.11	-1.83	-1.83

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

25/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.84	3.84	1.04	1.12

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.83	20.84
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	5.44	16.45
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-2.60	8.41
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.36	21.37
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.42	16.43
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.48	8.53
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.30	20.31
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.35	17.36
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.02	10.99
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.48	20.49
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.39	17.40
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.17	11.18

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	11.01	3.26	3.14	6.11	11.99	17.12	23.00
5200MHz_TnomVnom	Pass	11.01	6.24	6.10	9.06	11.99	20.07	23.00
5240MHz_TnomVnom	Pass	11.01	7.19	6.54	9.83	11.99	20.84	23.00
5745MHz_TnomVnom	Pass	11.01	6.39	6.32	9.04	24.99	20.05	36.00
5785MHz_TnomVnom	Pass	11.01	6.66	6.06	9.30	24.99	20.31	36.00
5825MHz_TnomVnom	Pass	11.01	6.47	6.60	9.25	24.99	20.26	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	11.01	-2.01	-1.54	1.04	11.99	12.05	23.00
5230MHz_TnomVnom	Pass	11.01	2.70	2.70	5.44	11.99	16.45	23.00
5755MHz_TnomVnom	Pass	11.01	3.58	3.09	5.96	24.99	16.97	36.00
5795MHz_TnomVnom	Pass	11.01	3.57	3.32	6.35	24.99	17.36	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	11.01	-5.64	-5.44	-2.60	11.99	8.41	23.00
5775MHz_TnomVnom	Pass	11.01	-2.45	-2.83	-0.02	24.99	10.99	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	11.01	3.59	3.41	6.14	11.99	17.15	23.00
5200MHz_TnomVnom	Pass	11.01	6.38	5.89	9.08	11.99	20.09	23.00
5240MHz_TnomVnom	Pass	11.01	7.56	7.26	10.36	11.99	21.37	23.00
5745MHz_TnomVnom	Pass	11.01	6.55	6.13	9.07	24.99	20.08	36.00
5785MHz_TnomVnom	Pass	11.01	6.86	6.50	9.48	24.99	20.49	36.00
5825MHz_TnomVnom	Pass	11.01	6.70	6.40	9.28	24.99	20.29	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	11.01	-2.22	-1.57	1.07	11.99	12.08	23.00
5230MHz_TnomVnom	Pass	11.01	2.81	2.69	5.42	11.99	16.43	23.00
5755MHz_TnomVnom	Pass	11.01	3.64	3.15	5.95	24.99	16.96	36.00
5795MHz_TnomVnom	Pass	11.01	3.82	3.32	6.39	24.99	17.40	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	11.01	-5.49	-5.22	-2.48	11.99	8.53	23.00
5775MHz_TnomVnom	Pass	11.01	-2.34	-2.50	0.17	24.99	11.18	36.00

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

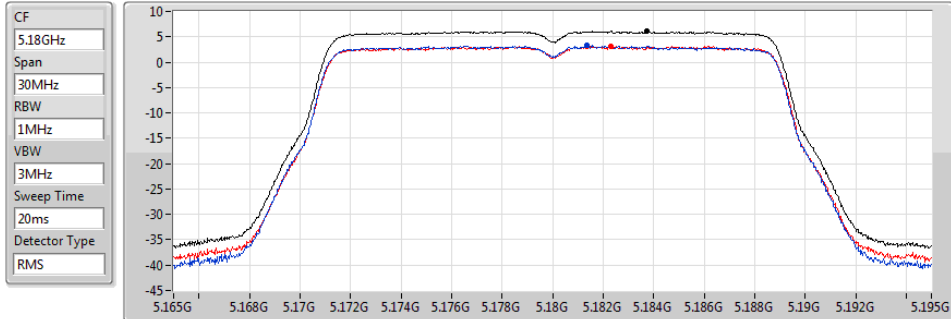
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

25/12/2019



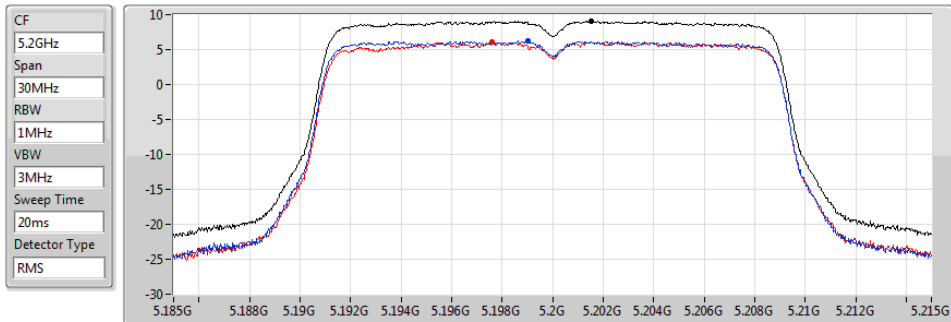
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.11	6.11	3.26	3.14

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

25/12/2019



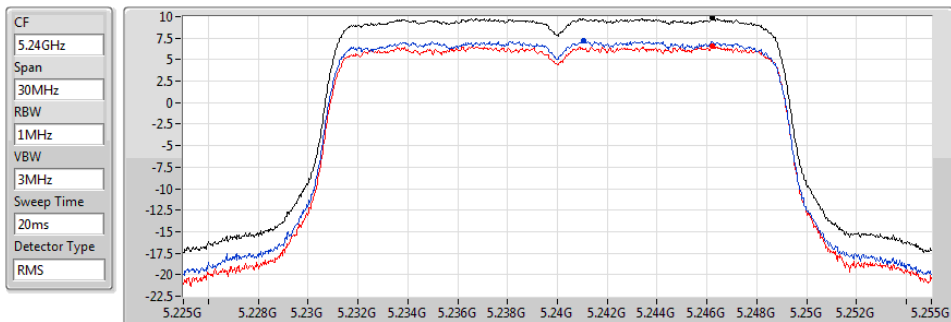
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.06	9.06	6.24	6.10

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

25/12/2019



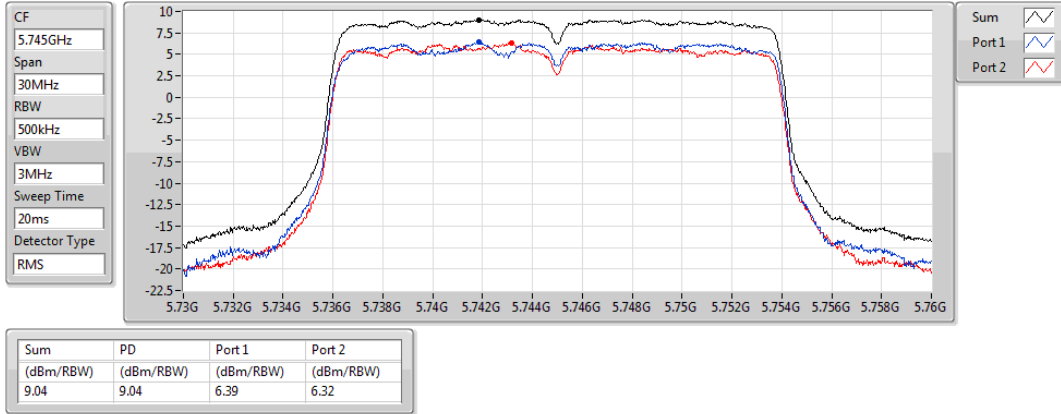
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.83	9.83	7.19	6.54

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

25/12/2019

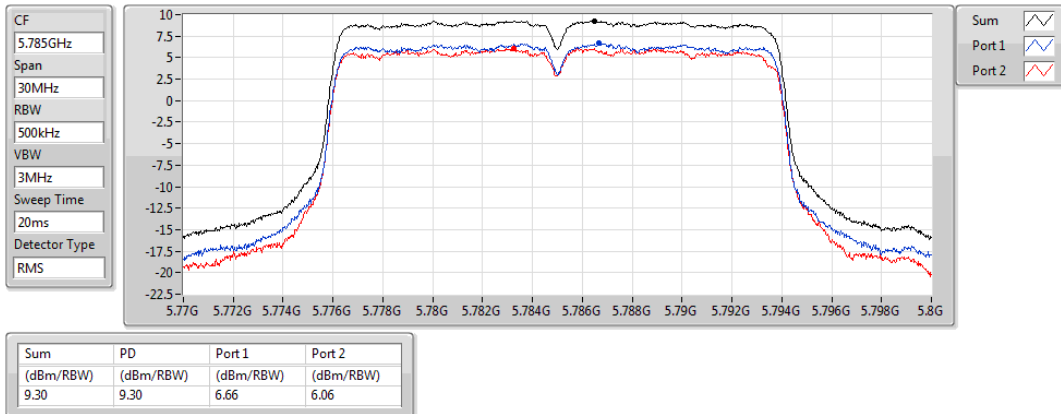


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

25/12/2019

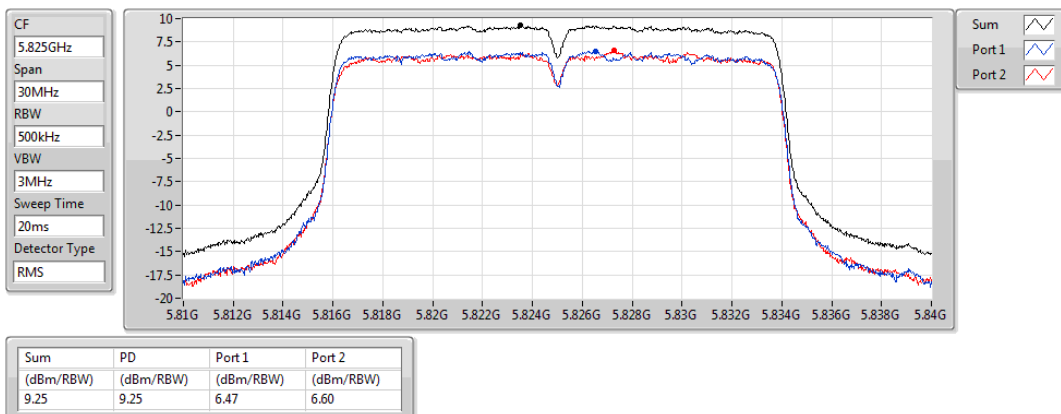


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

25/12/2019

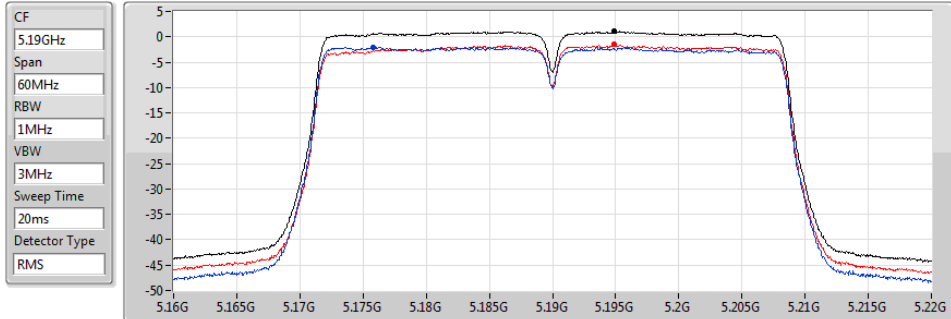


802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

25/12/2019



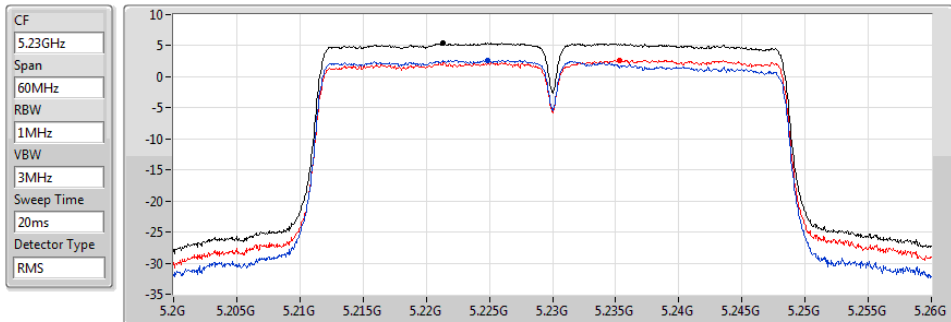
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.04	1.04	-2.01	-1.54

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

25/12/2019



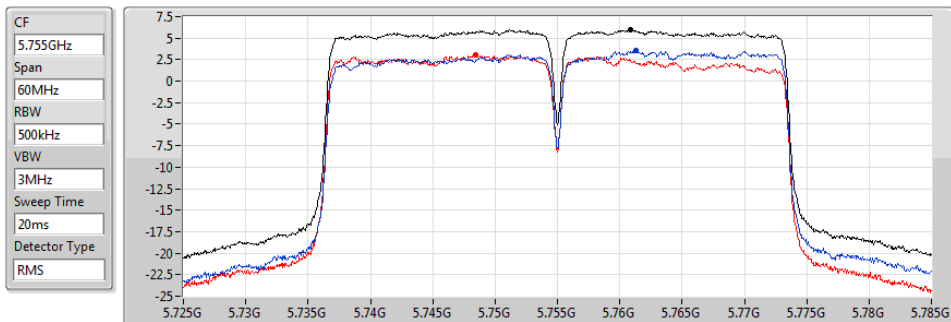
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.44	5.44	2.70	2.70

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

25/12/2019



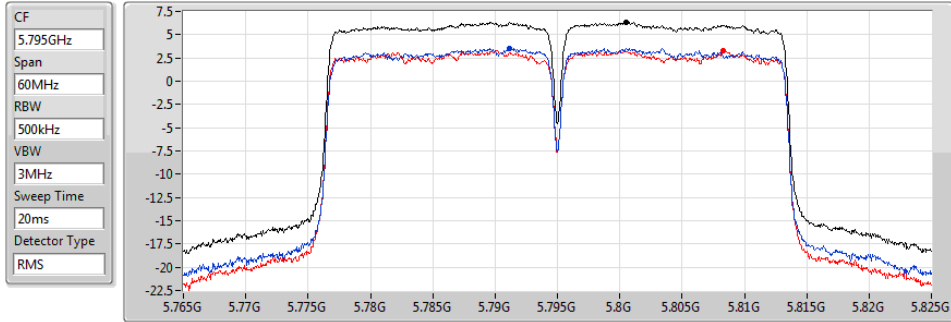
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.96	5.96	3.58	3.09

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

25/12/2019



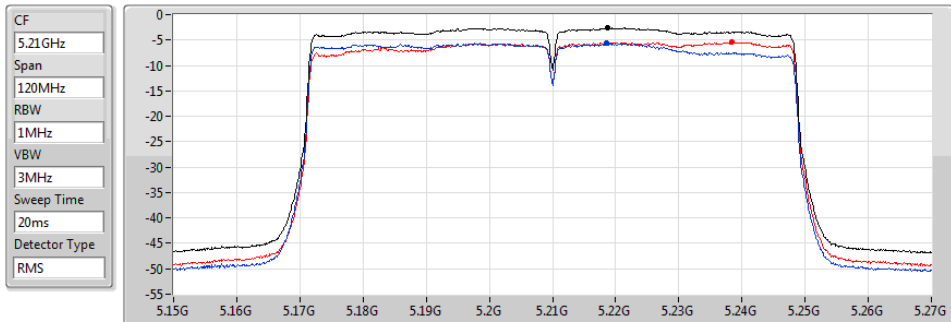
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.35	6.35	3.57	3.32

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

25/12/2019



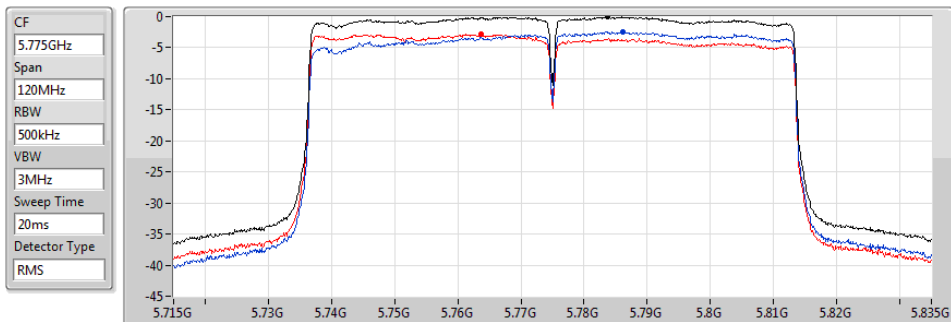
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.60	-2.60	-5.64	-5.44

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

25/12/2019



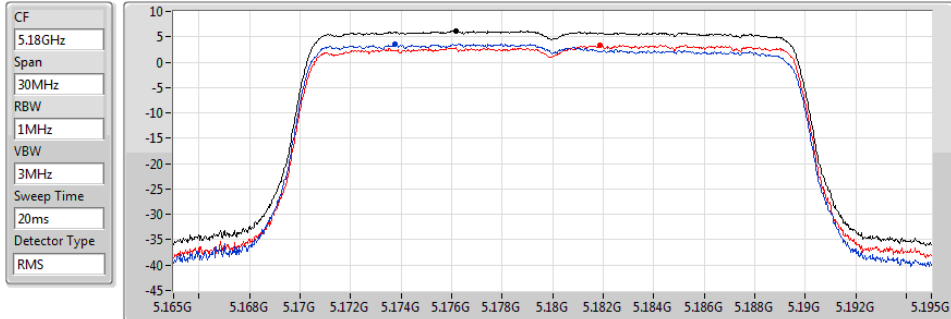
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.02	-0.02	-2.45	-2.83

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

25/12/2019



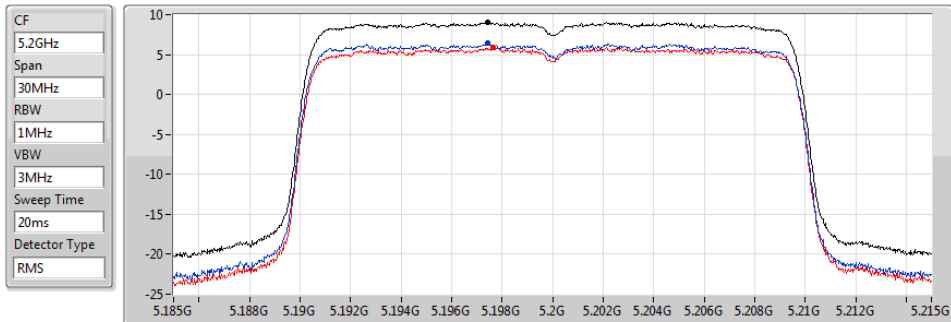
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.14	6.14	3.59	3.41

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

25/12/2019



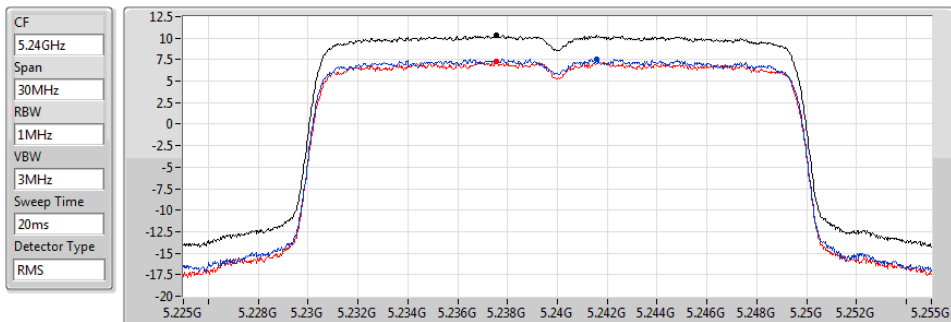
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.08	9.08	6.38	5.89

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

25/12/2019



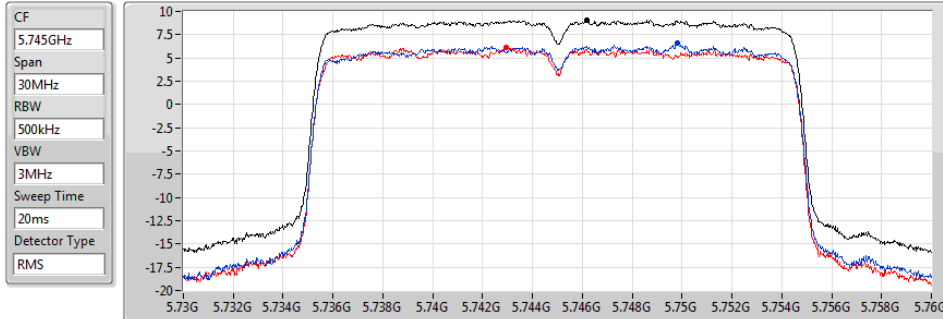
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.36	10.36	7.56	7.26

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

25/12/2019



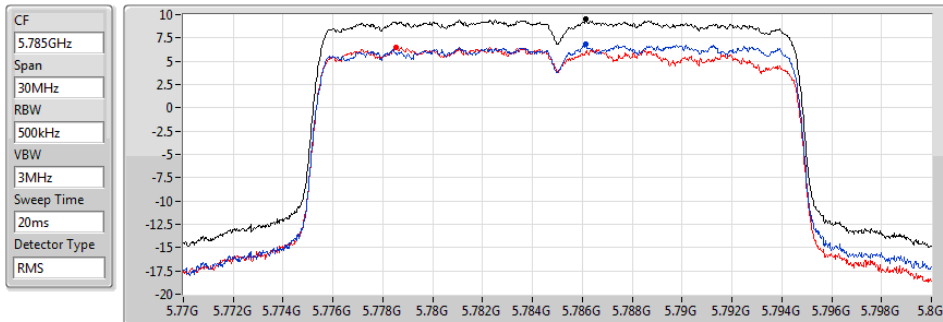
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.07	9.07	6.55	6.13

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

25/12/2019



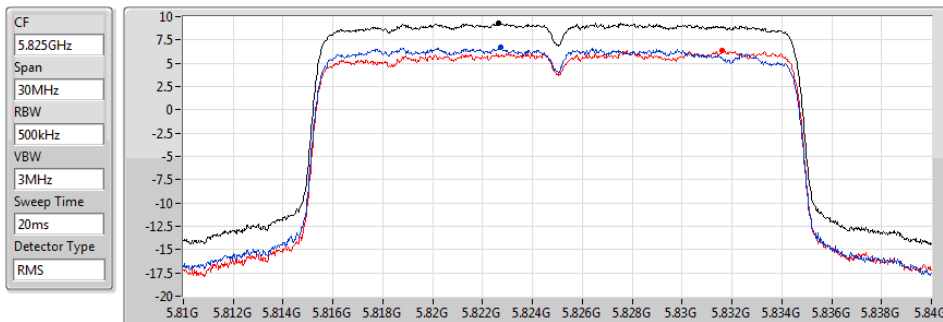
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.48	9.48	6.86	6.50

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

25/12/2019



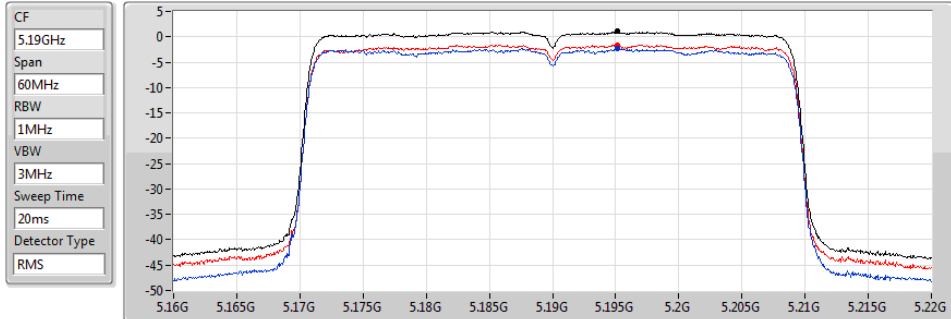
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.28	9.28	6.70	6.40

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

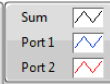
PSD

5190MHz

25/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.07	1.07	-2.22	-1.57

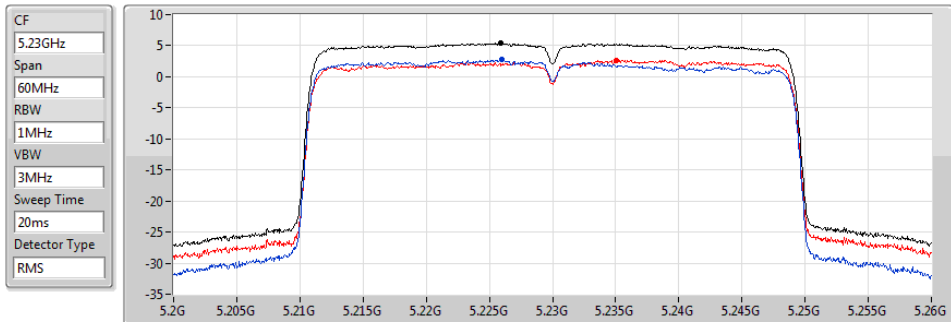


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

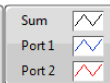
PSD

5230MHz

25/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.42	5.42	2.81	2.69

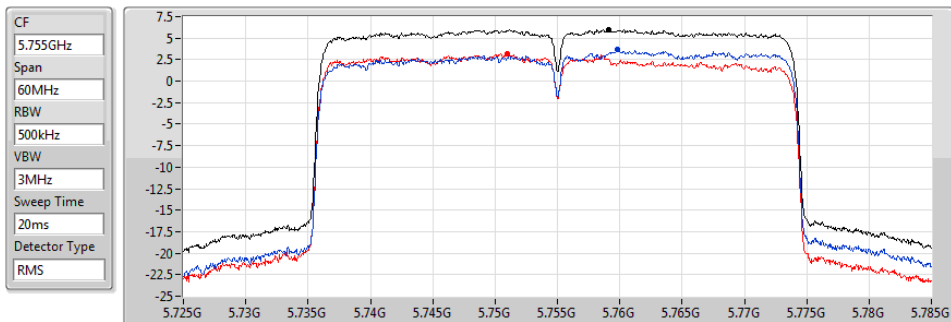


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

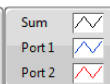
PSD

5755MHz

25/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.95	5.95	3.64	3.15

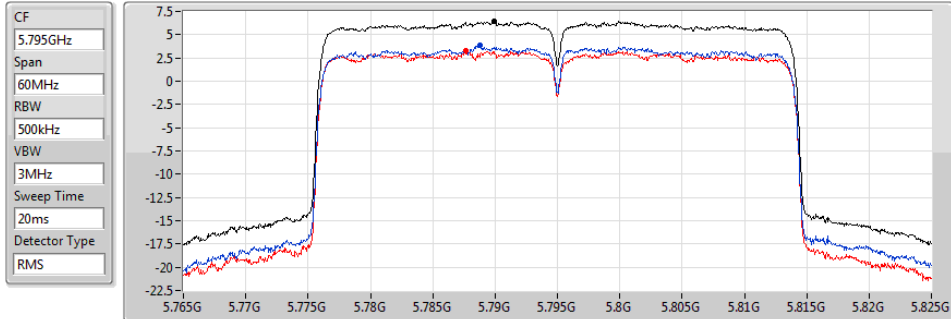


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

25/12/2019



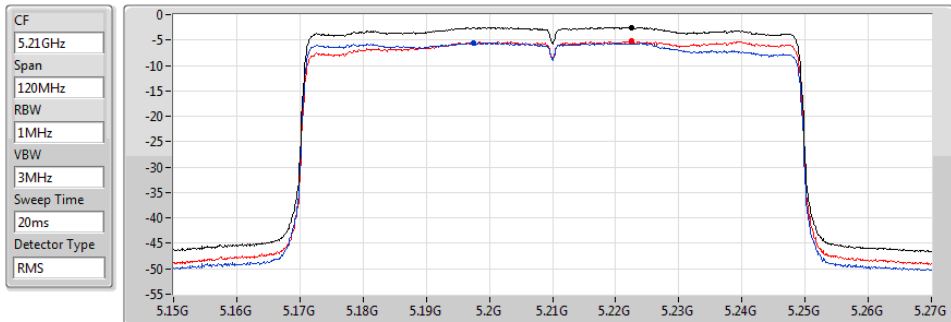
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.39	6.39	3.82	3.32

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

25/12/2019



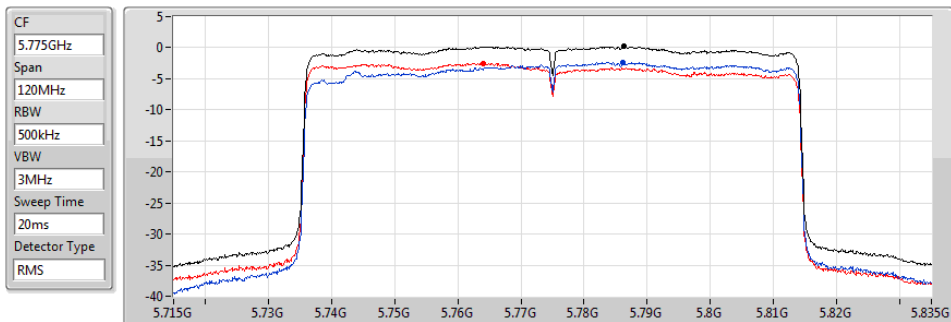
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.48	-2.48	-5.49	-5.22

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

25/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.17	0.17	-2.34	-2.50

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.45	22.16
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.23	19.94
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-2.20	11.51
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.65	22.36
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.91	19.62
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.09	11.62
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	6.99	20.70
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	4.29	18.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	0.53	14.24
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	7.12	20.83
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.43	18.14
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.47	14.18

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	13.71	3.21	3.46	6.20	9.29	19.91	23.00
5200MHz_TnomVnom	Pass	13.71	5.60	5.45	8.36	9.29	22.07	23.00
5240MHz_TnomVnom	Pass	13.71	5.52	5.67	8.45	9.29	22.16	23.00
5745MHz_TnomVnom	Pass	13.71	4.66	3.86	6.99	22.29	20.70	36.00
5785MHz_TnomVnom	Pass	13.71	4.37	3.76	6.94	22.29	20.65	36.00
5825MHz_TnomVnom	Pass	13.71	4.41	3.85	6.98	22.29	20.69	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	13.71	-1.98	-1.79	1.03	9.29	14.74	23.00
5230MHz_TnomVnom	Pass	13.71	3.10	3.42	6.23	9.29	19.94	23.00
5755MHz_TnomVnom	Pass	13.71	1.53	1.43	4.29	22.29	18.00	36.00
5795MHz_TnomVnom	Pass	13.71	1.44	1.28	4.23	22.29	17.94	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	13.71	-5.26	-4.98	-2.20	9.29	11.51	23.00
5775MHz_TnomVnom	Pass	13.71	-2.08	-2.20	0.53	22.29	14.24	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	13.71	3.50	3.45	6.38	9.29	20.09	23.00
5200MHz_TnomVnom	Pass	13.71	5.78	5.65	8.65	9.29	22.36	23.00
5240MHz_TnomVnom	Pass	13.71	5.87	5.56	8.54	9.29	22.25	23.00
5745MHz_TnomVnom	Pass	13.71	4.41	4.26	7.12	22.29	20.83	36.00
5785MHz_TnomVnom	Pass	13.71	4.56	4.01	7.11	22.29	20.82	36.00
5825MHz_TnomVnom	Pass	13.71	4.18	3.75	6.75	22.29	20.46	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	13.71	-1.95	-1.62	0.93	9.29	14.64	23.00
5230MHz_TnomVnom	Pass	13.71	3.06	3.32	5.91	9.29	19.62	23.00
5755MHz_TnomVnom	Pass	13.71	1.71	1.58	4.37	22.29	18.08	36.00
5795MHz_TnomVnom	Pass	13.71	1.56	1.39	4.43	22.29	18.14	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	13.71	-5.17	-4.78	-2.09	9.29	11.62	23.00
5775MHz_TnomVnom	Pass	13.71	-2.14	-2.19	0.47	22.29	14.18	36.00

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

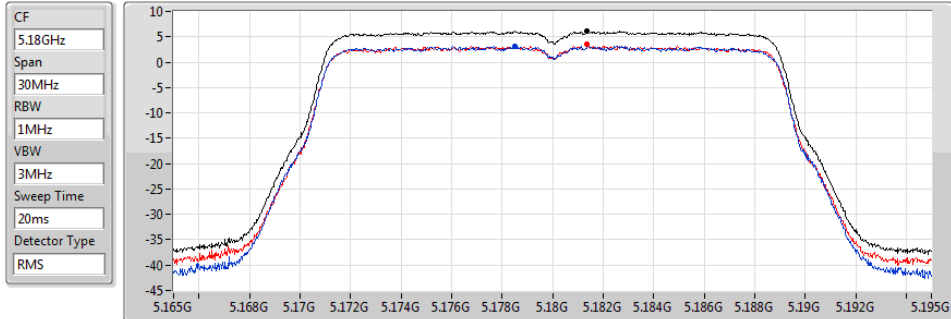
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

25/12/2019



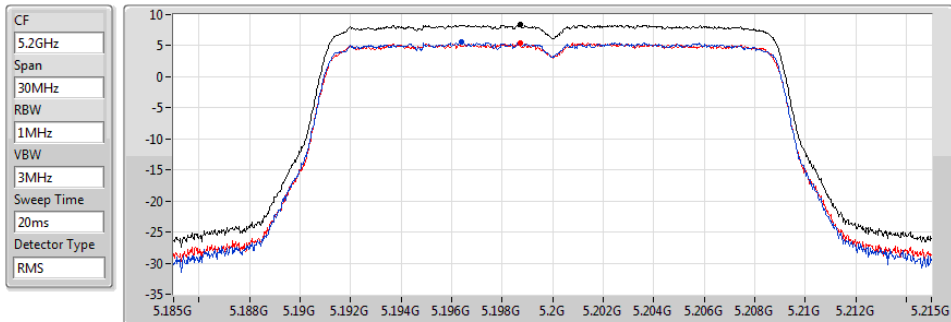
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.20	6.20	3.21	3.46

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

25/12/2019



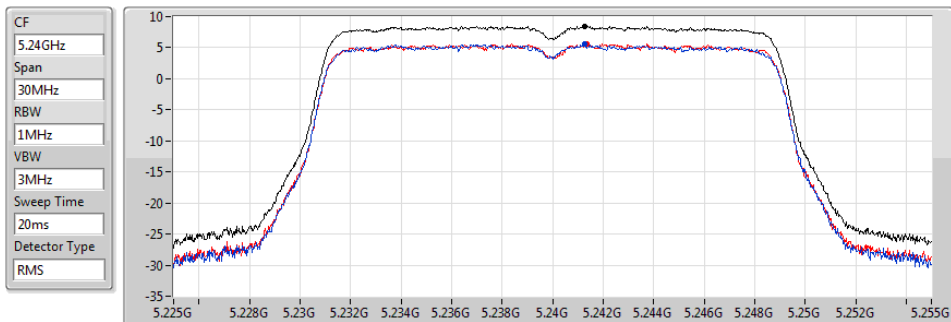
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.36	8.36	5.60	5.45

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

25/12/2019



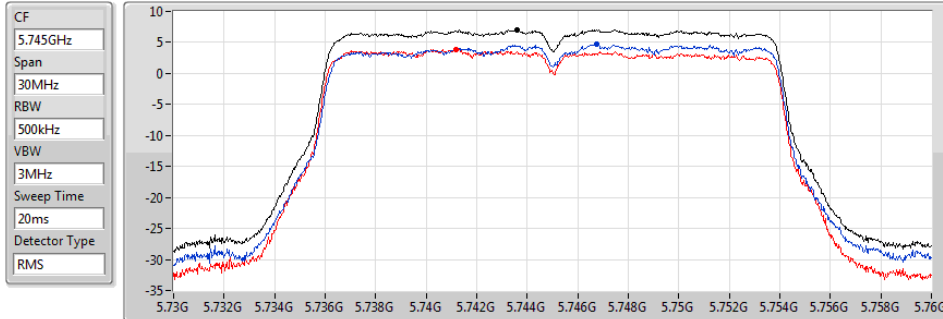
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.45	8.45	5.52	5.67

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

25/12/2019



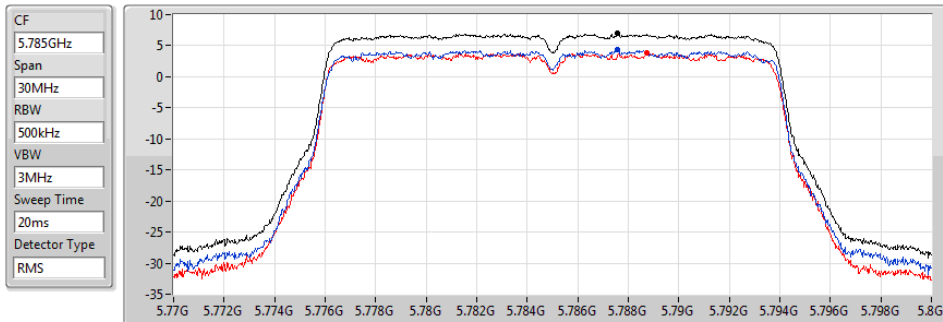
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.99	6.99	4.66	3.86

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

25/12/2019



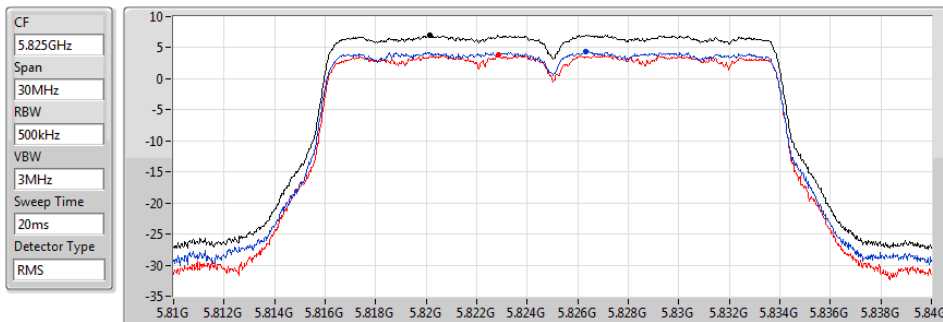
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.94	6.94	4.37	3.76

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

25/12/2019



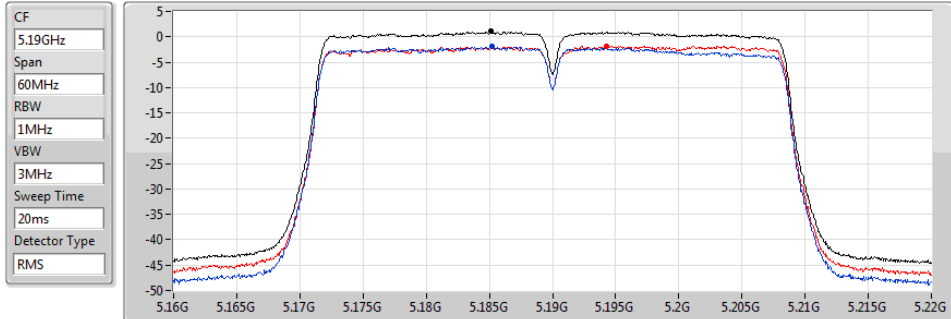
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.98	6.98	4.41	3.85

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

25/12/2019



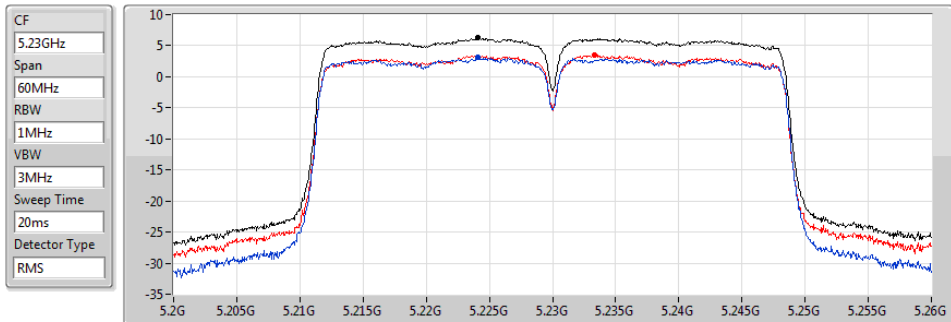
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.03	1.03	-1.98	-1.79

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

25/12/2019



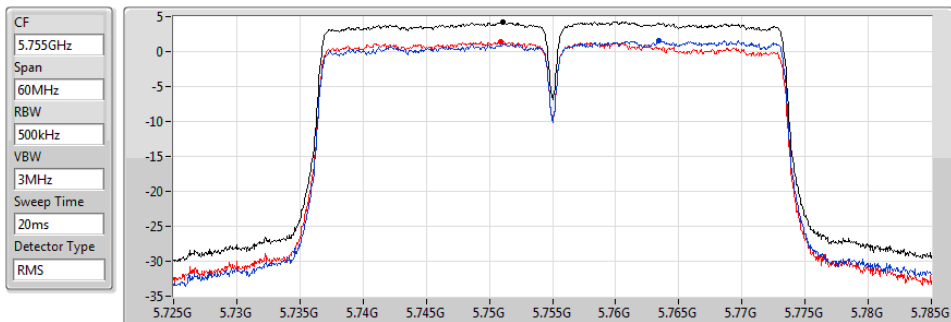
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.23	6.23	3.10	3.42

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

25/12/2019



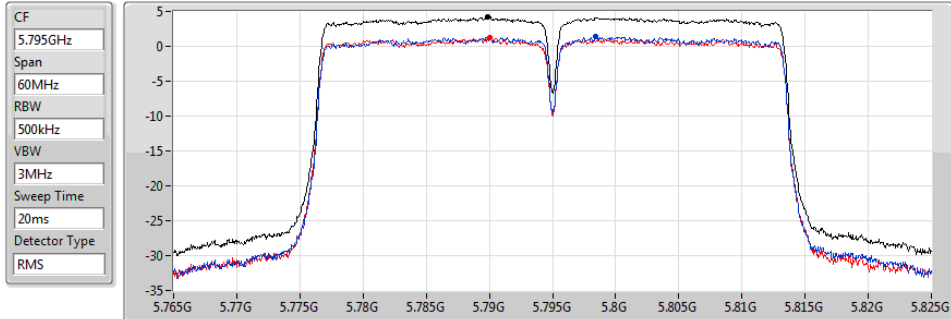
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.29	4.29	1.53	1.43

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

25/12/2019



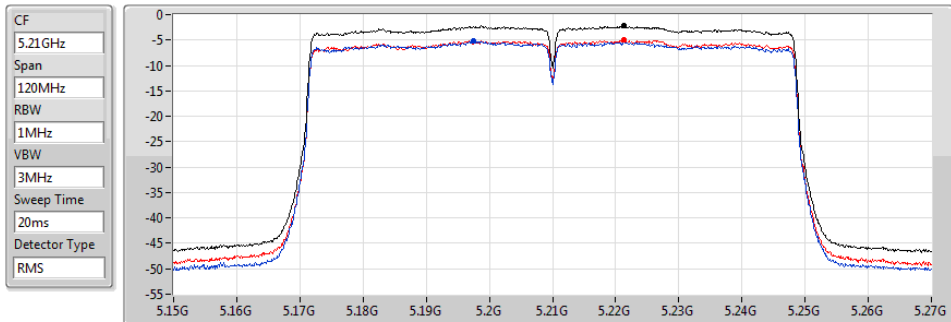
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.23	4.23	1.44	1.28

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

25/12/2019



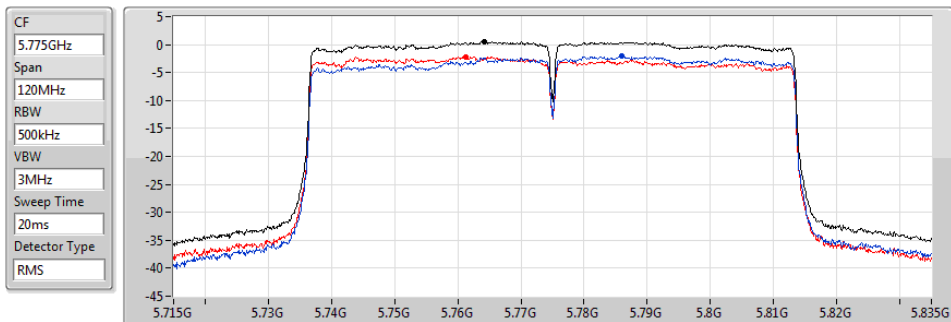
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.20	-2.20	-5.26	-4.98

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

25/12/2019



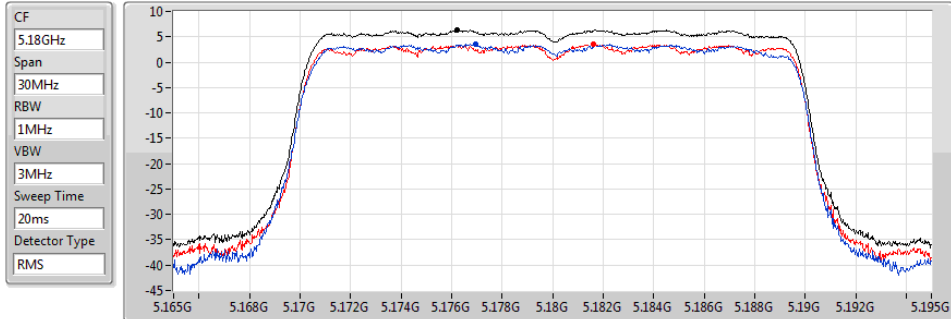
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.53	0.53	-2.08	-2.20

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

25/12/2019



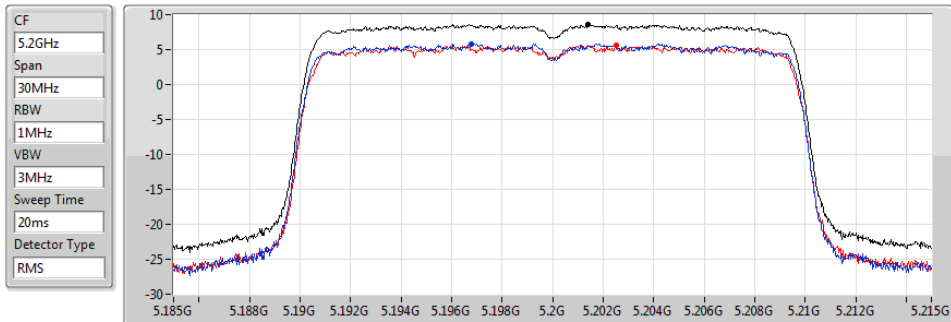
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.38	6.38	3.50	3.45

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

25/12/2019



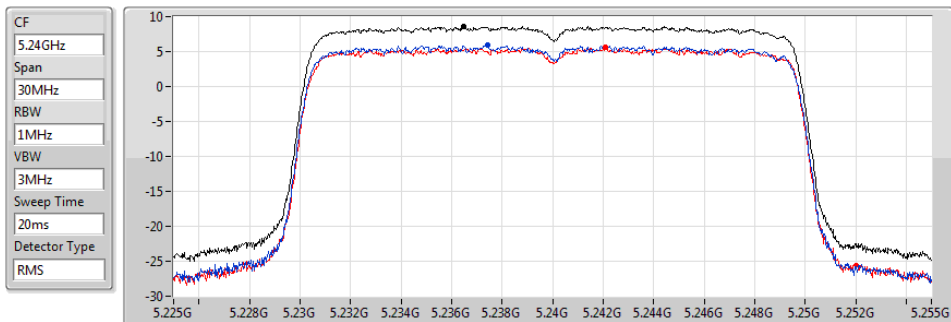
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.65	8.65	5.78	5.65

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

25/12/2019



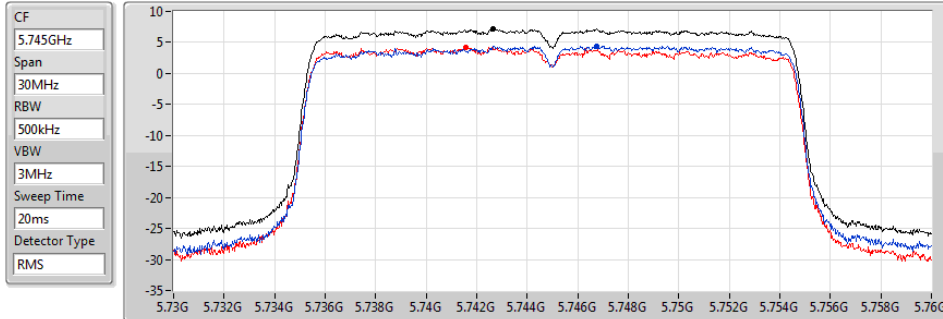
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.54	8.54	5.87	5.56

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

25/12/2019



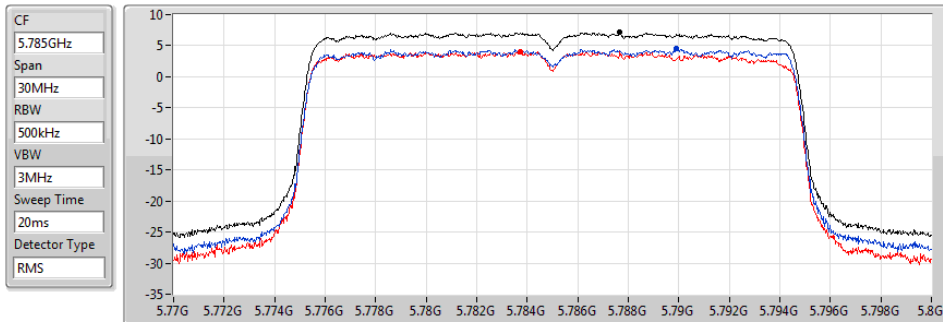
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.12	7.12	4.41	4.26

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

25/12/2019



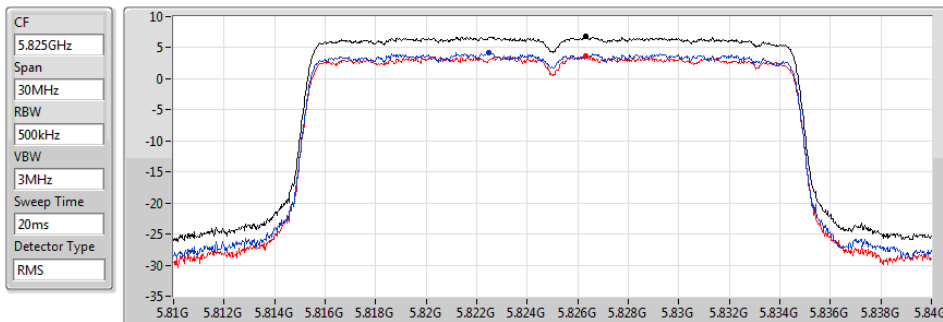
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.11	7.11	4.56	4.01

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

25/12/2019



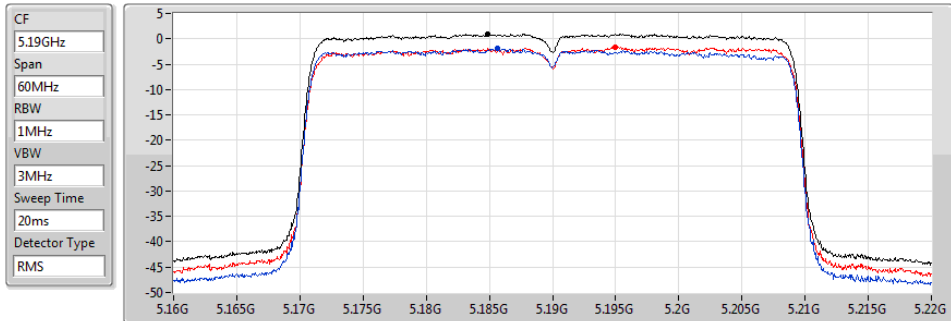
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.75	6.75	4.18	3.75

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

25/12/2019



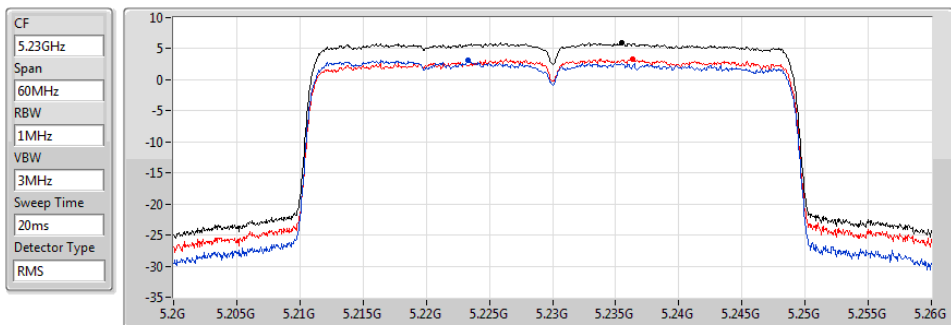
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.93	0.93	-1.95	-1.62

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

25/12/2019



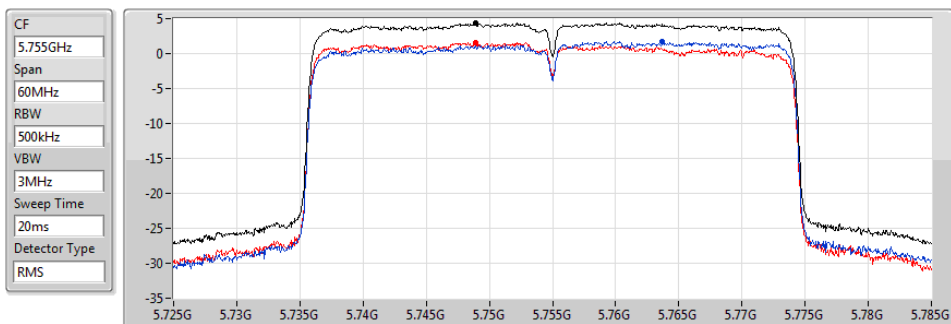
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.91	5.91	3.06	3.32

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

25/12/2019



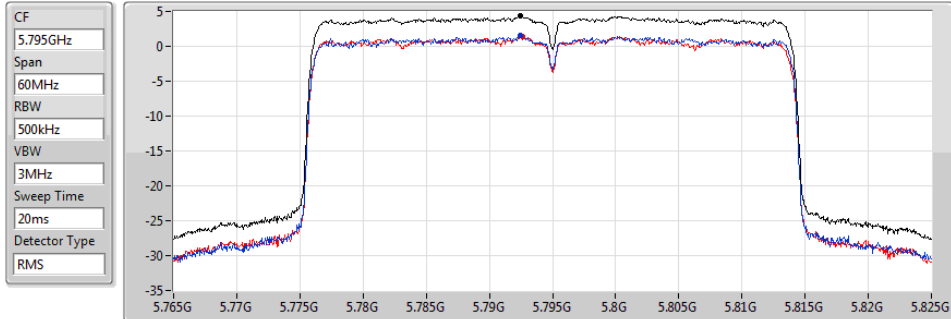
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.37	4.37	1.71	1.58

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

25/12/2019



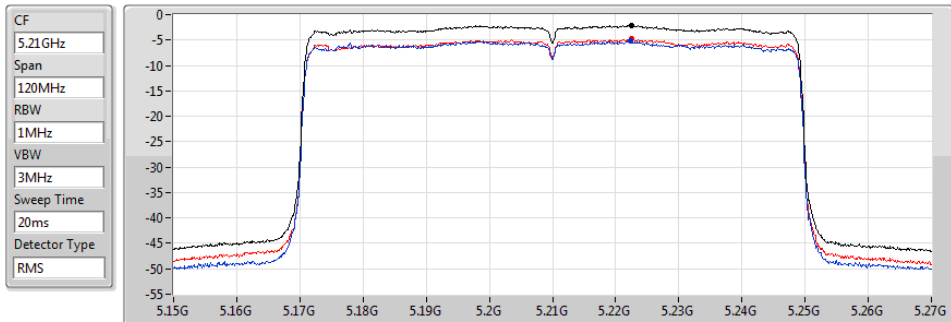
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.43	4.43	1.56	1.39

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

25/12/2019



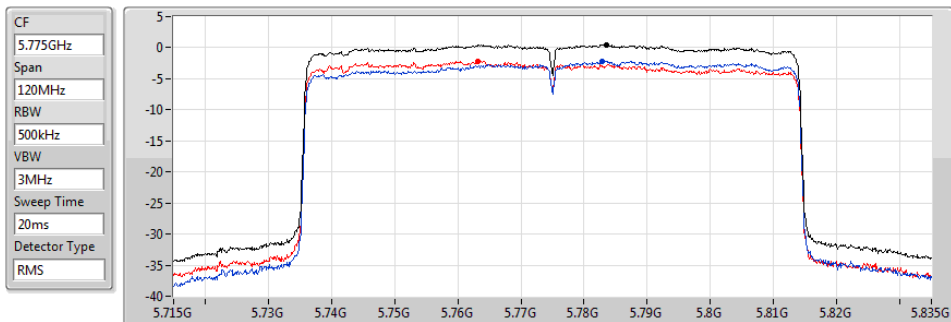
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.09	-2.09	-5.17	-4.78

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

25/12/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.47	0.47	-2.14	-2.19

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	10.96	21.97
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	7.13	18.14
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	0.33	11.34
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.88	21.89
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.23	18.24
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.56	11.57
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.95	20.96
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	7.25	18.26
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	1.19	12.20
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.89	20.90
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.28	18.29
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	1.32	12.33

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	4.29	4.07	7.05	11.99	18.06	23.00
5200MHz	Pass	11.01	8.12	8.27	10.96	11.99	21.97	23.00
5240MHz	Pass	11.01	7.71	7.43	10.39	11.99	21.40	23.00
5745MHz	Pass	11.01	6.84	6.75	9.54	24.99	20.55	36.00
5785MHz	Pass	11.01	7.17	7.07	9.95	24.99	20.96	36.00
5825MHz	Pass	11.01	6.88	6.63	9.60	24.99	20.61	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	0.65	0.50	3.51	11.99	14.52	23.00
5230MHz	Pass	11.01	4.61	4.19	7.13	11.99	18.14	23.00
5755MHz	Pass	11.01	4.58	4.31	7.21	24.99	18.22	36.00
5795MHz	Pass	11.01	4.60	4.32	7.25	24.99	18.26	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	-2.43	-2.75	0.33	11.99	11.34	23.00
5775MHz	Pass	11.01	-1.72	-1.29	1.19	24.99	12.20	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	4.36	4.13	7.25	11.99	18.26	23.00
5200MHz	Pass	11.01	8.14	8.05	10.88	11.99	21.89	23.00
5240MHz	Pass	11.01	7.90	7.68	10.57	11.99	21.58	23.00
5745MHz	Pass	11.01	6.81	6.87	9.66	24.99	20.67	36.00
5785MHz	Pass	11.01	6.74	6.86	9.61	24.99	20.62	36.00
5825MHz	Pass	11.01	7.28	7.03	9.89	24.99	20.90	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	0.92	0.55	3.62	11.99	14.63	23.00
5230MHz	Pass	11.01	4.49	4.28	7.23	11.99	18.24	23.00
5755MHz	Pass	11.01	4.49	4.20	7.15	24.99	18.16	36.00
5795MHz	Pass	11.01	4.62	4.11	7.28	24.99	18.29	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	-2.31	-2.47	0.56	11.99	11.57	23.00
5775MHz	Pass	11.01	-1.25	-1.43	1.32	24.99	12.33	36.00

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

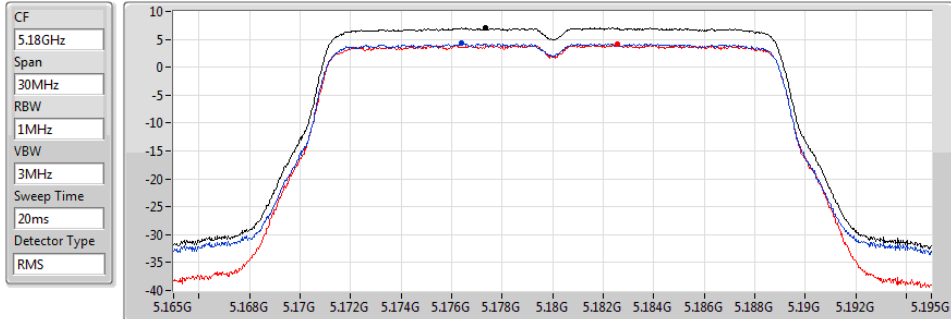
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz

PSD

02/01/2020



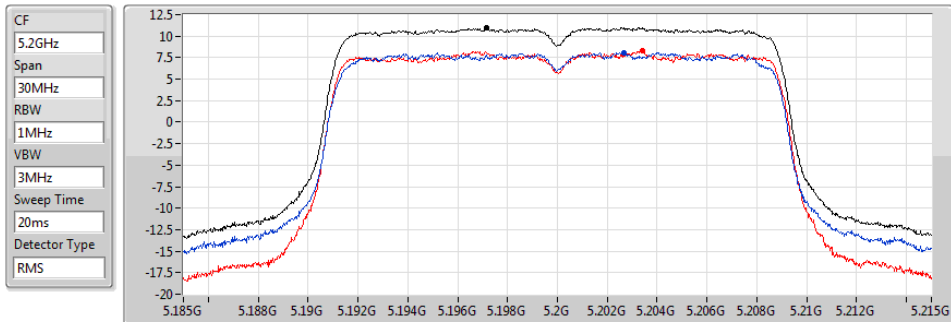
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.05	7.05	4.29	4.07

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz

PSD

02/01/2020



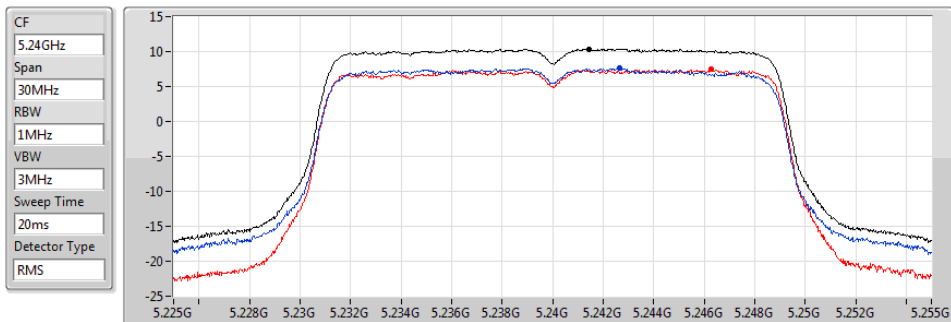
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.96	10.96	8.12	8.27

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz

PSD

02/01/2020



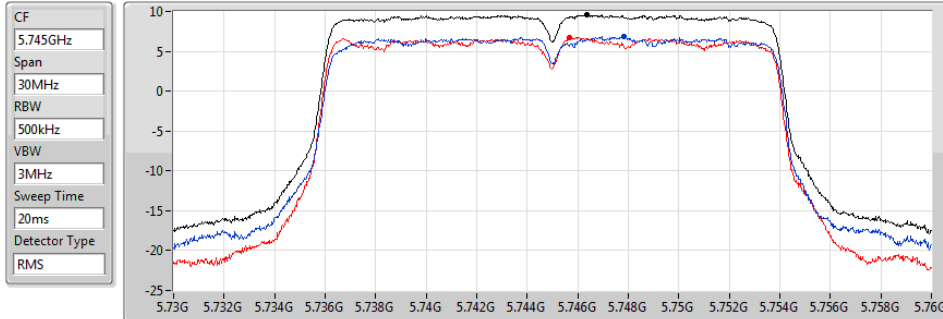
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.39	10.39	7.71	7.43

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

02/01/2020



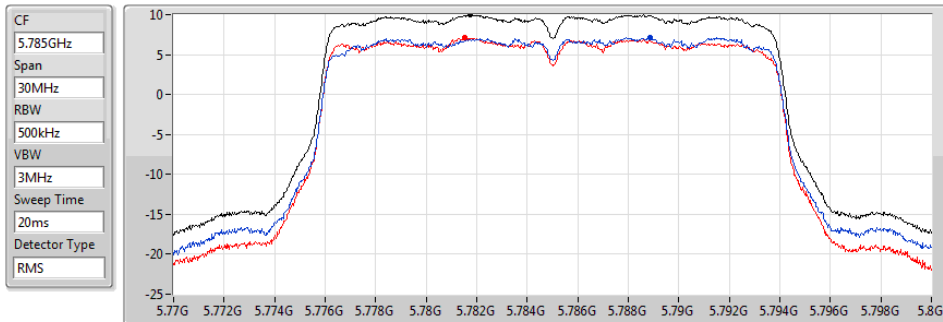
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.54	9.54	6.84	6.75

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

02/01/2020



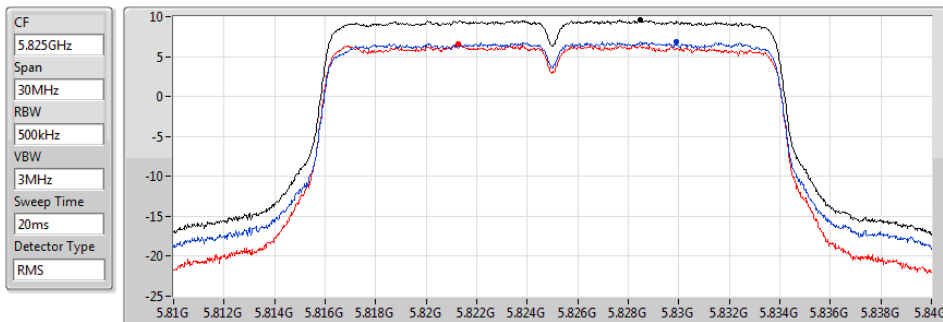
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.95	9.95	7.17	7.07

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

02/01/2020



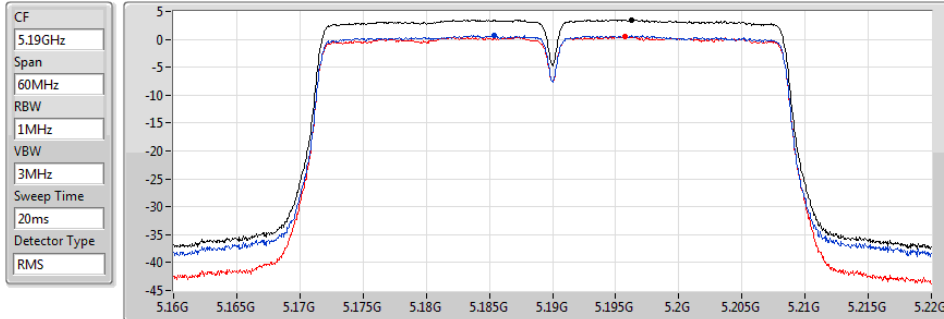
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.60	9.60	6.88	6.63

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

02/01/2020



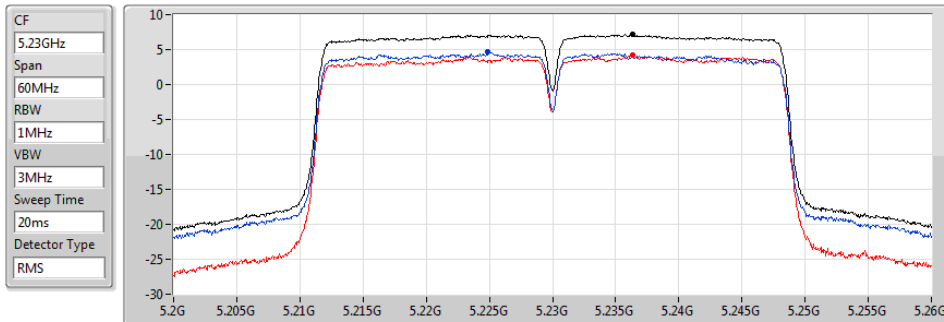
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.51	3.51	0.65	0.50

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

02/01/2020



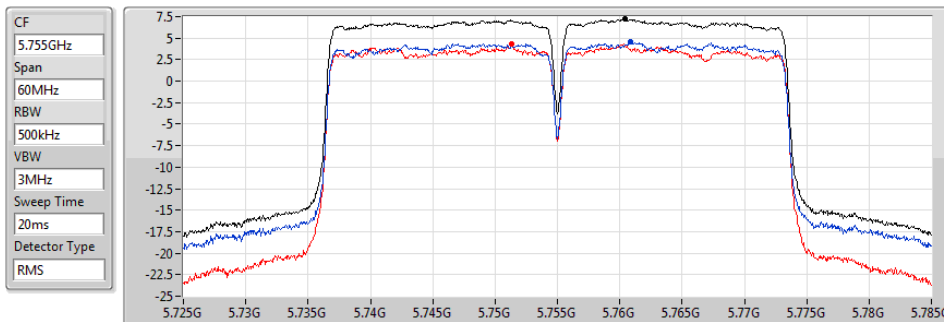
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.13	7.13	4.61	4.19

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

02/01/2020



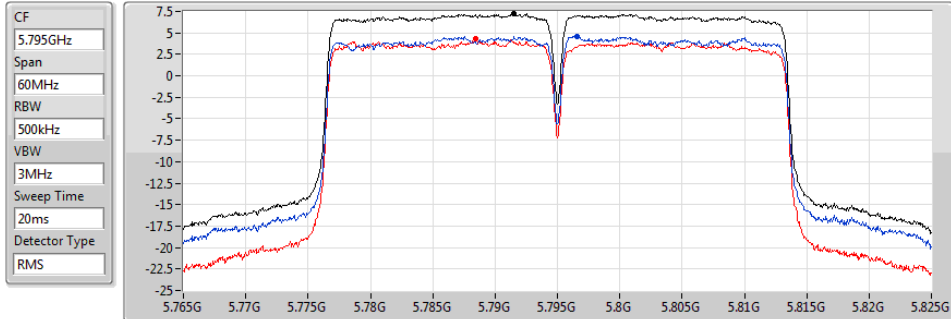
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.21	7.21	4.58	4.31

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

02/01/2020



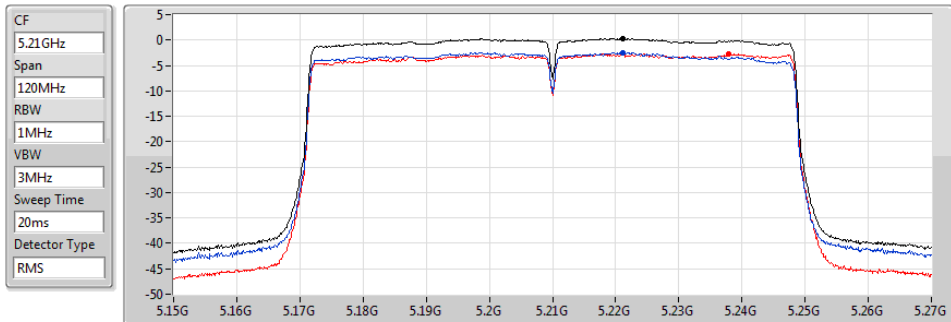
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.25	7.25	4.60	4.32

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

02/01/2020



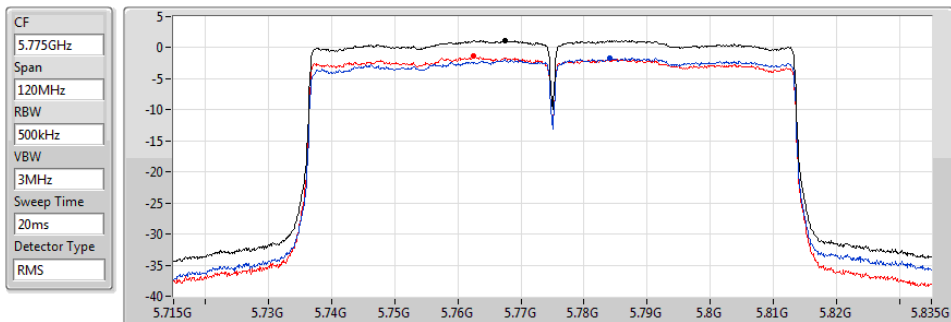
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.33	0.33	-2.43	-2.75

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

02/01/2020



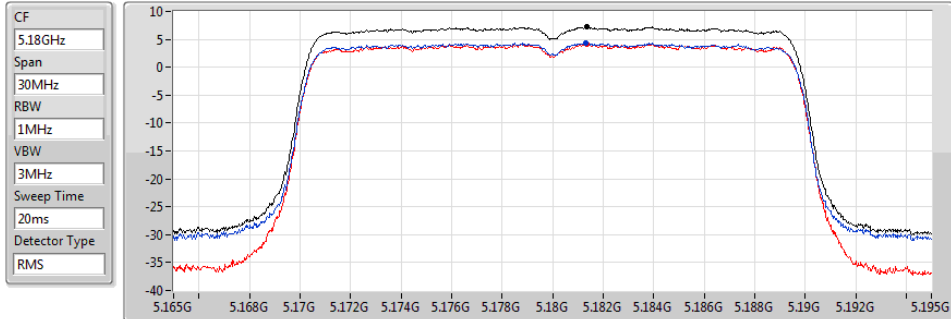
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.19	1.19	-1.72	-1.29

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

02/01/2020



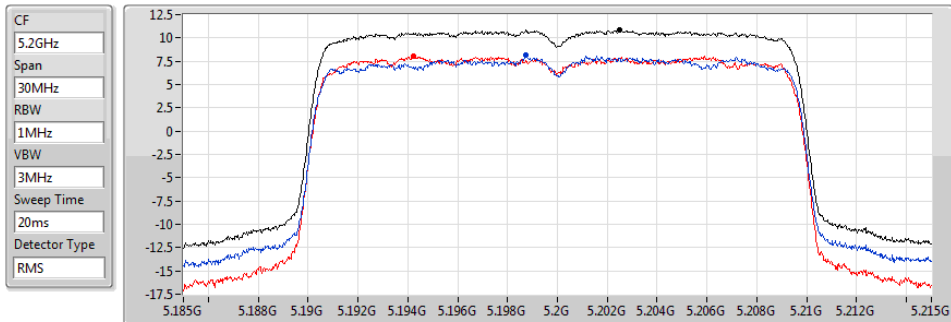
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.25	7.25	4.36	4.13

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

02/01/2020



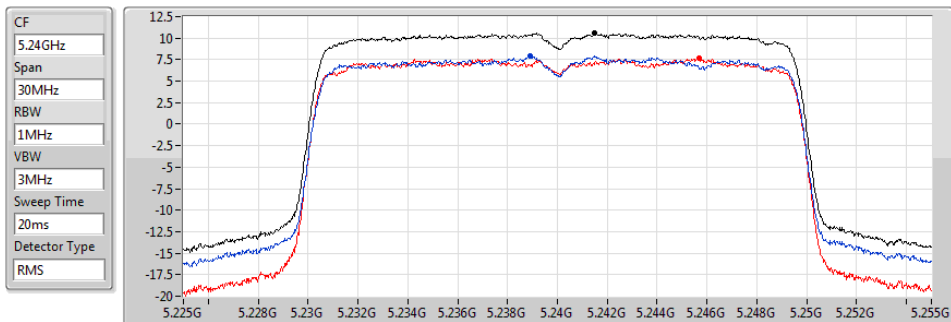
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.88	10.88	8.14	8.05

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

02/01/2020



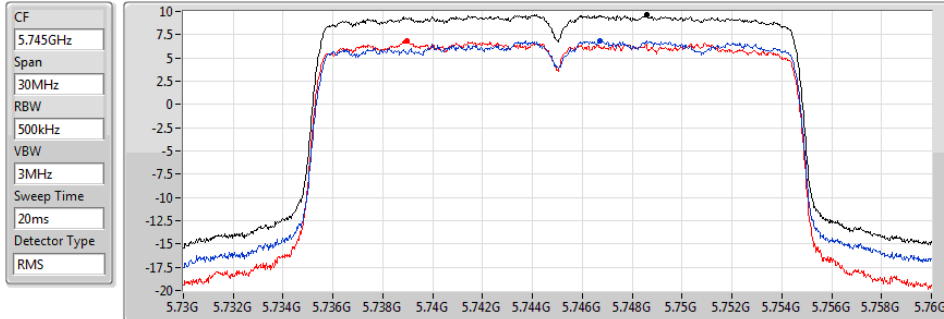
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.57	10.57	7.90	7.68

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5745MHz

PSD

02/01/2020



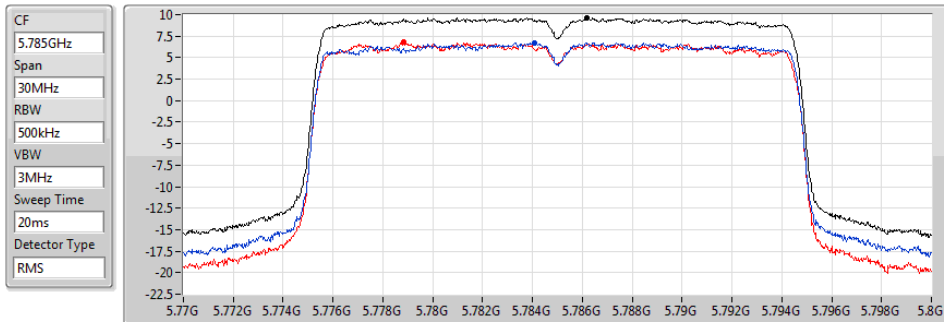
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.66	9.66	6.81	6.87

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5785MHz

PSD

02/01/2020



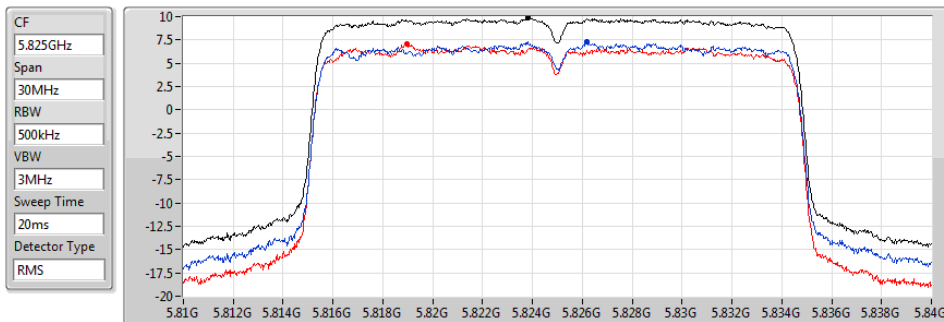
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.61	9.61	6.74	6.86

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5825MHz

PSD

02/01/2020



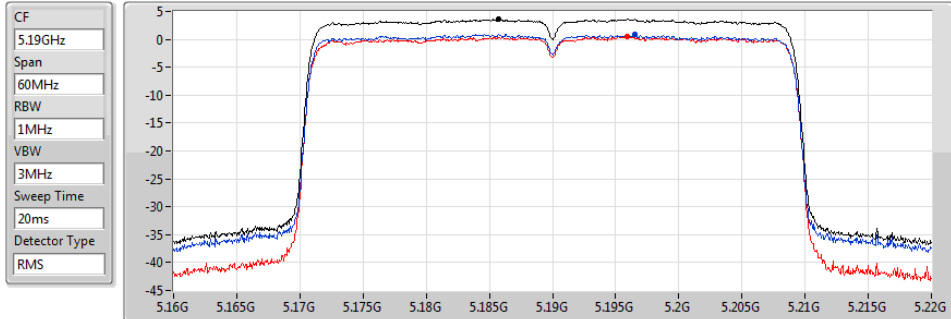
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.89	9.89	7.28	7.03

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5190MHz

PSD

02/01/2020



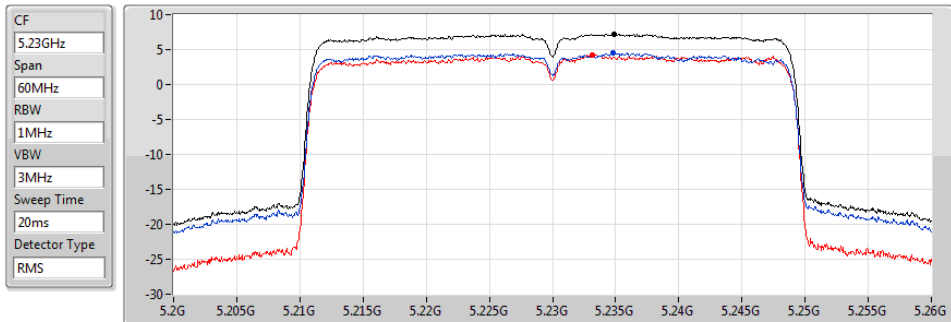
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.62	3.62	0.92	0.55

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5230MHz

PSD

02/01/2020



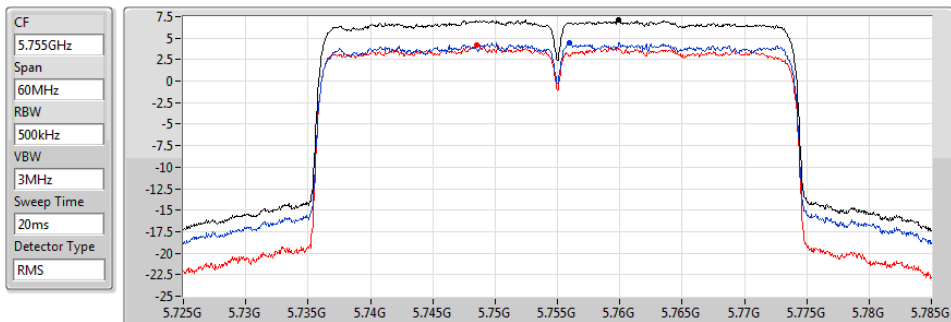
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.23	7.23	4.49	4.28

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5755MHz

PSD

02/01/2020



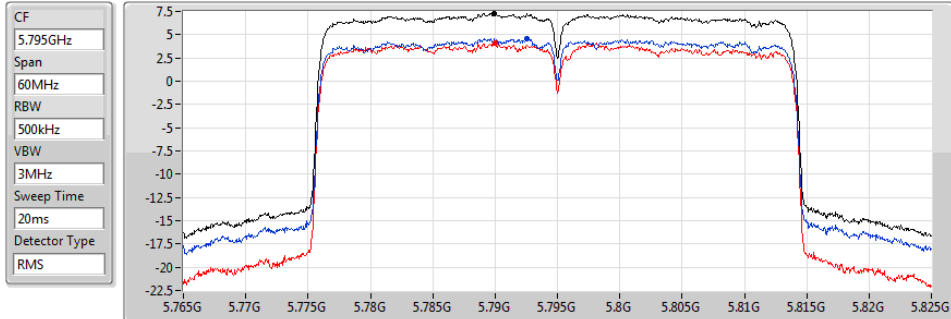
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.15	7.15	4.49	4.20

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

02/01/2020



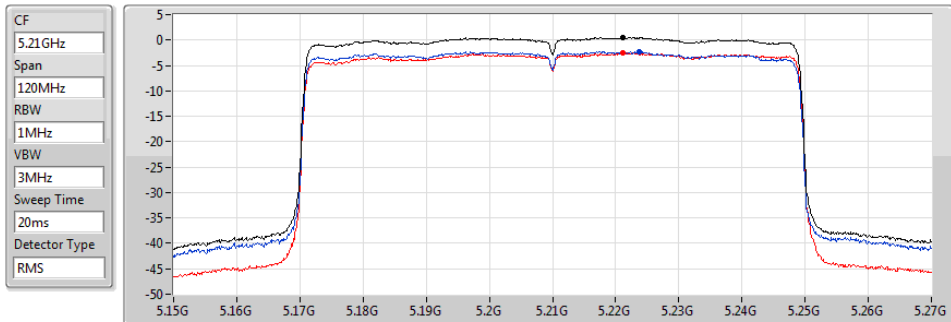
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.28	7.28	4.62	4.11

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

02/01/2020



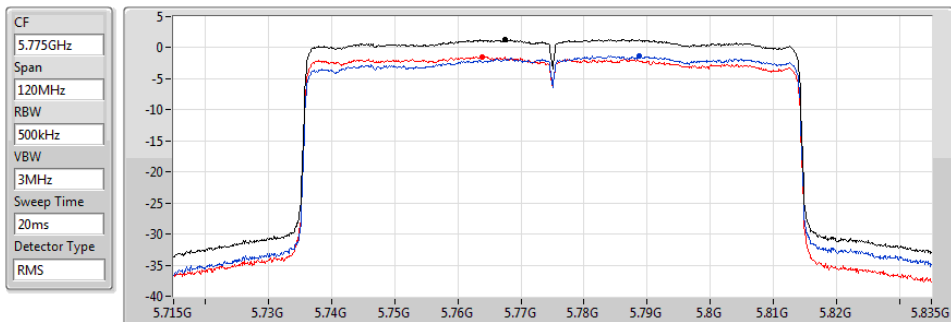
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.56	0.56	-2.31	-2.47

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

02/01/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.32	1.32	-1.25	-1.43

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.68	22.39
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.01	19.72
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.45	13.26
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.86	22.57
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.29	20.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.33	13.38
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	7.26	20.97
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	4.51	18.22
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	0.49	14.20
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	7.19	20.90
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.78	18.49
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.72	14.43

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	3.62	3.52	6.49	9.29	20.20	23.00
5200MHz	Pass	13.71	5.73	5.49	8.60	9.29	22.31	23.00
5240MHz	Pass	13.71	5.86	5.65	8.68	9.29	22.39	23.00
5745MHz	Pass	13.71	4.02	4.25	7.01	22.29	20.72	36.00
5785MHz	Pass	13.71	4.32	4.32	7.26	22.29	20.97	36.00
5825MHz	Pass	13.71	4.31	4.34	7.25	22.29	20.96	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	-0.05	-0.50	2.61	9.29	16.32	23.00
5230MHz	Pass	13.71	3.34	2.77	6.01	9.29	19.72	23.00
5755MHz	Pass	13.71	1.86	1.19	4.43	22.29	18.14	36.00
5795MHz	Pass	13.71	1.77	1.47	4.51	22.29	18.22	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	-3.10	-3.51	-0.45	9.29	13.26	23.00
5775MHz	Pass	13.71	-2.24	-2.02	0.49	22.29	14.20	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	3.87	3.53	6.54	9.29	20.25	23.00
5200MHz	Pass	13.71	5.75	5.72	8.66	9.29	22.37	23.00
5240MHz	Pass	13.71	5.98	5.91	8.86	9.29	22.57	23.00
5745MHz	Pass	13.71	4.32	4.14	7.00	22.29	20.71	36.00
5785MHz	Pass	13.71	4.31	4.02	7.06	22.29	20.77	36.00
5825MHz	Pass	13.71	4.41	4.30	7.19	22.29	20.90	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	0.09	-0.34	2.79	9.29	16.50	23.00
5230MHz	Pass	13.71	3.60	3.20	6.29	9.29	20.00	23.00
5755MHz	Pass	13.71	2.00	1.63	4.78	22.29	18.49	36.00
5795MHz	Pass	13.71	1.71	1.54	4.48	22.29	18.19	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	-3.10	-3.32	-0.33	9.29	13.38	23.00
5775MHz	Pass	13.71	-2.09	-2.36	0.72	22.29	14.43	36.00

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

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