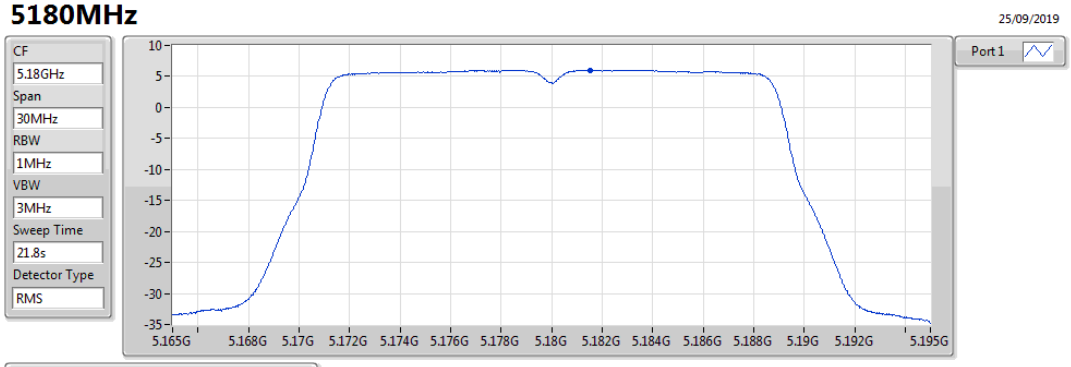
802.11ac VHT20_Nss1,(MCS0)_1TX PSD

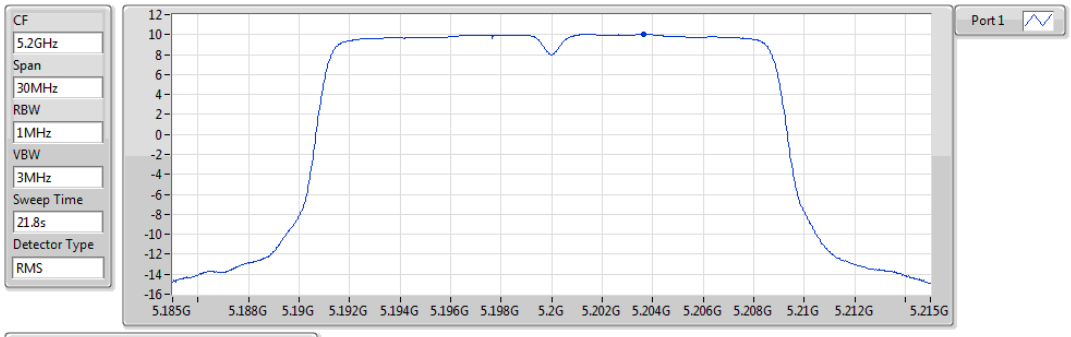
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.00	6.00	6.00

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

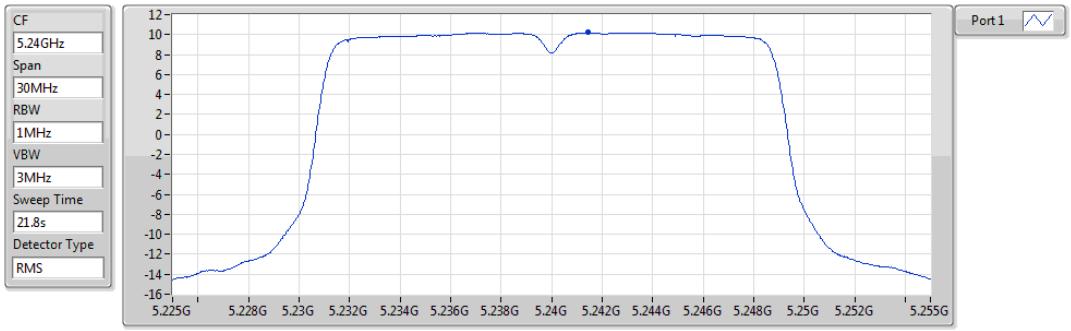
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.04	10.04	10.04

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

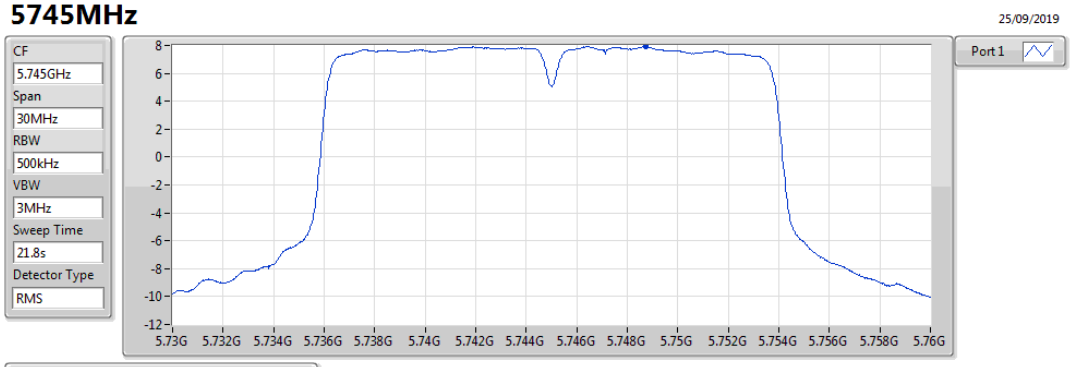
5240MHz



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

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

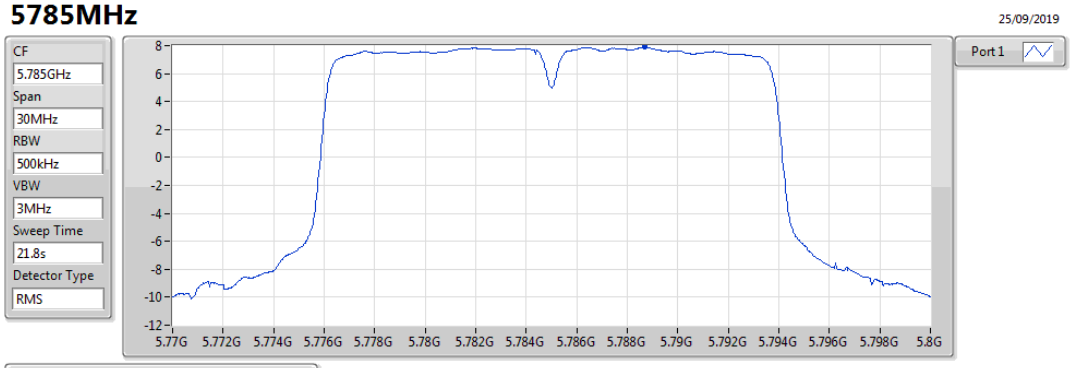
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.92	7.92	7.92

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

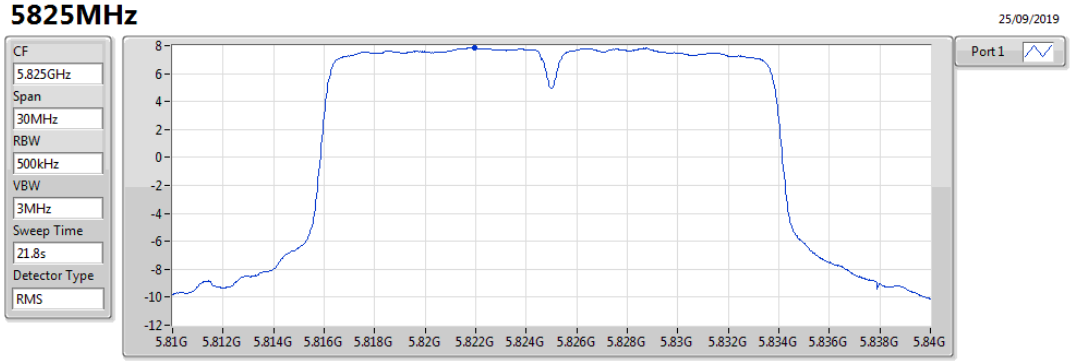
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.89	7.89	7.89

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

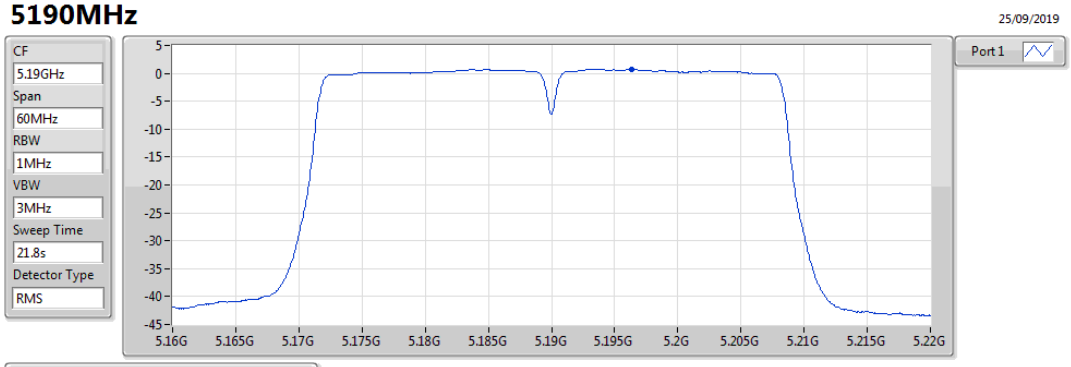
5825MHz



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

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

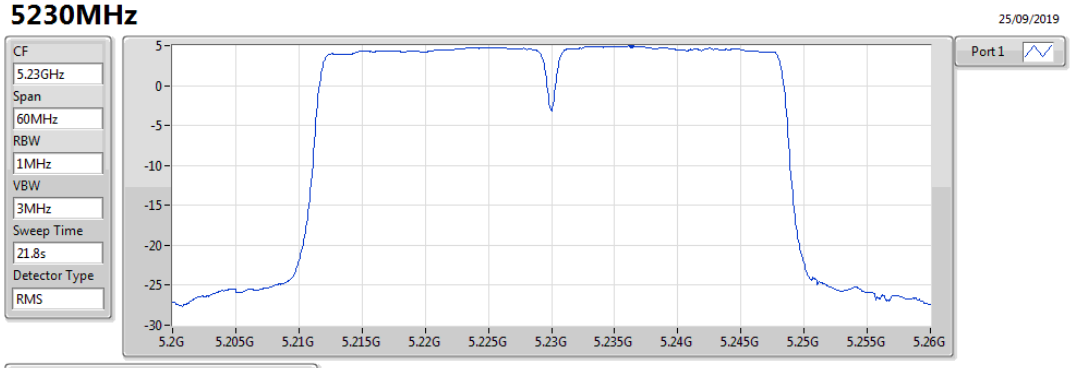
5190MHz



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

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

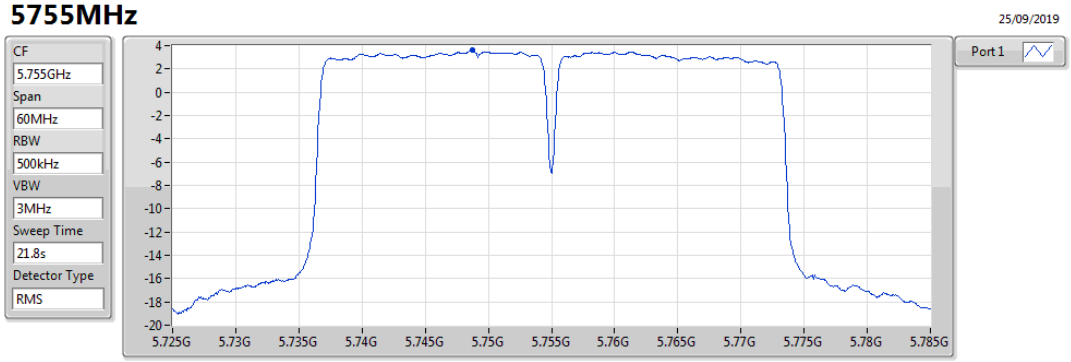
5230MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.98	4.98	4.98

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

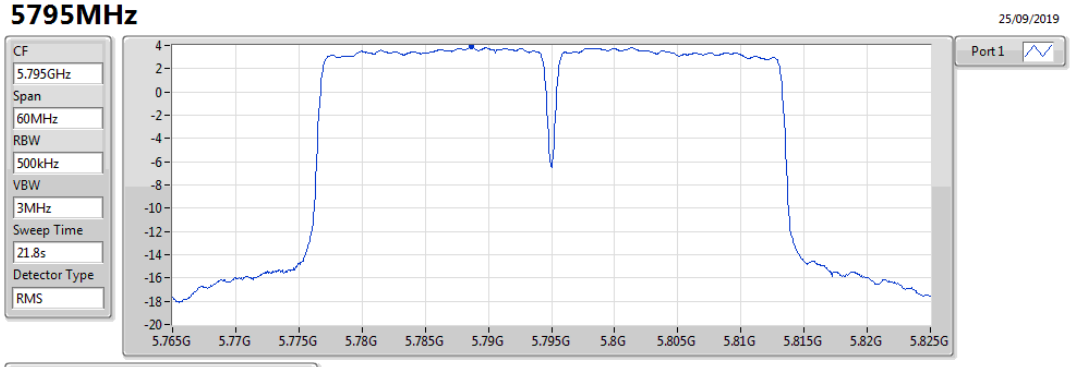
5755MHz



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

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

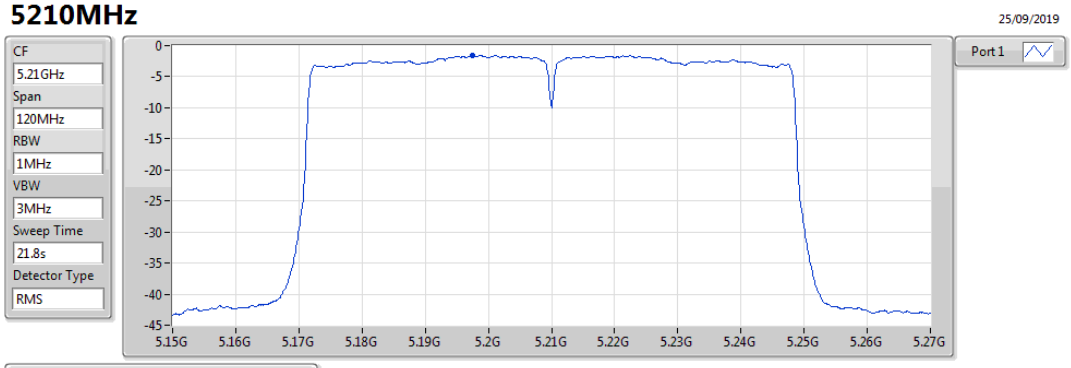
5795MHz



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

802.11ac VHT80_Nss1,(MCS0)_1TX PSD

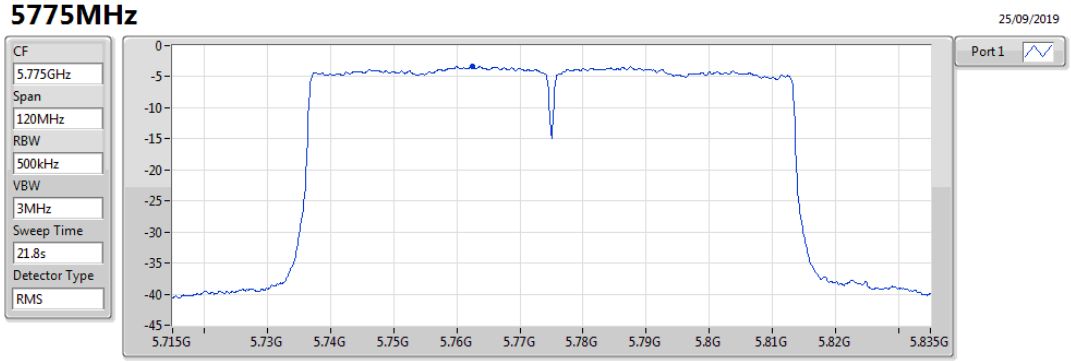
5210MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.58	-1.58	-1.58

802.11ac VHT80_Nss1,(MCS0)_1TX PSD

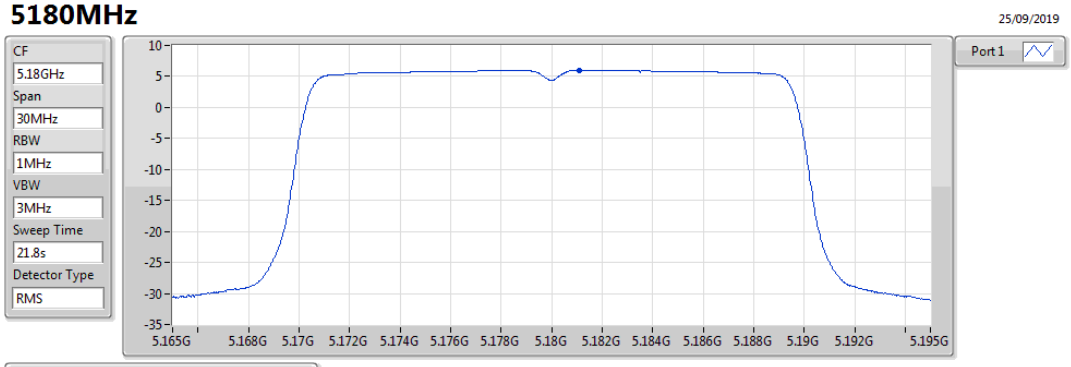
5775MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.33	-3.33	-3.33

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

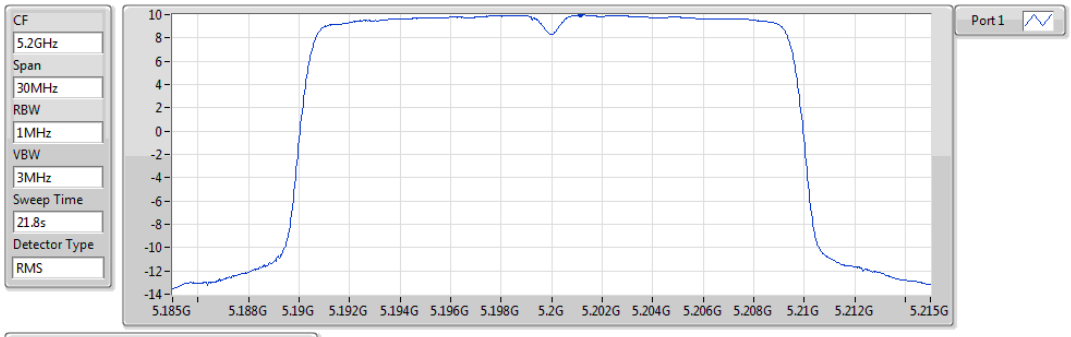
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.01	6.01	6.01

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

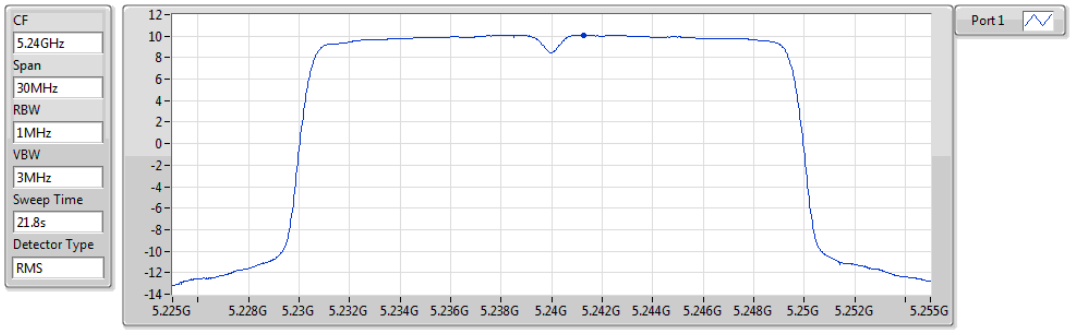
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.97	9.97	9.97

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

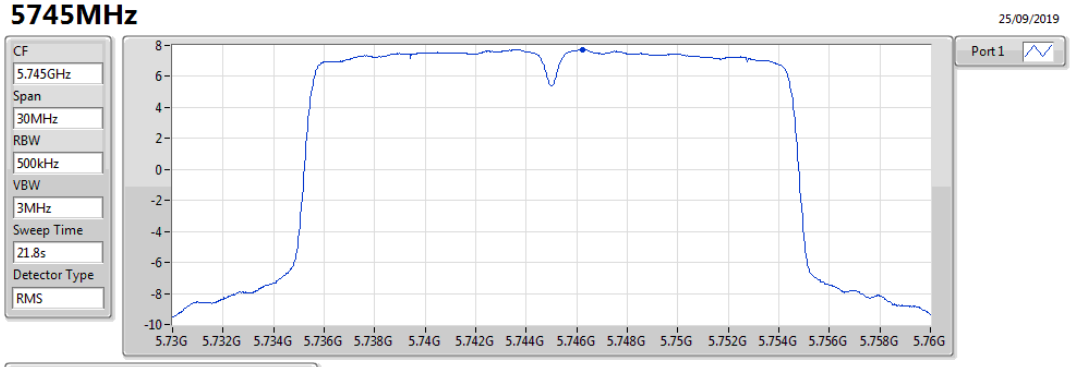
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.12	10.12	10.12

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

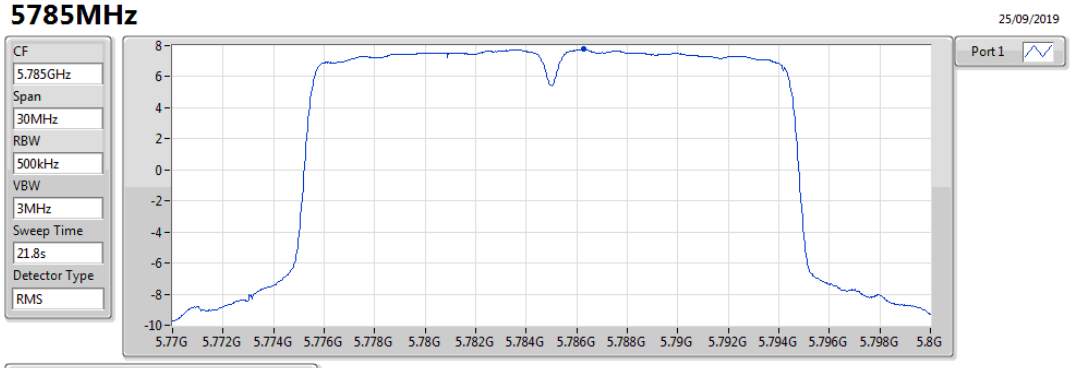
5745MHz



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

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

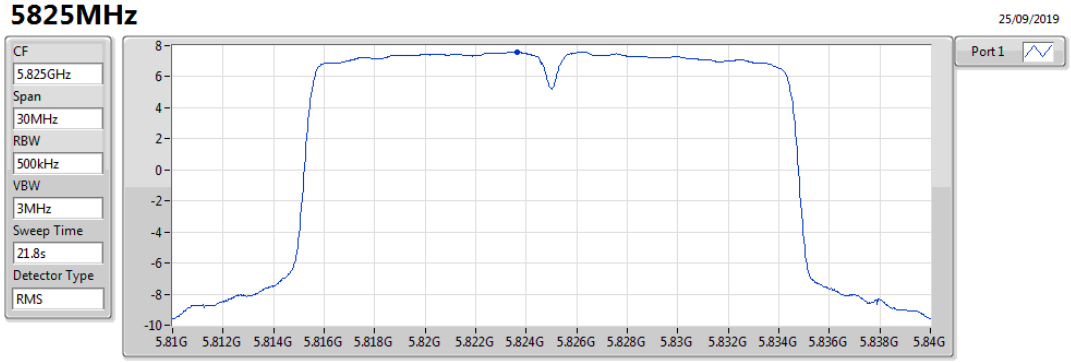
5785MHz



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

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

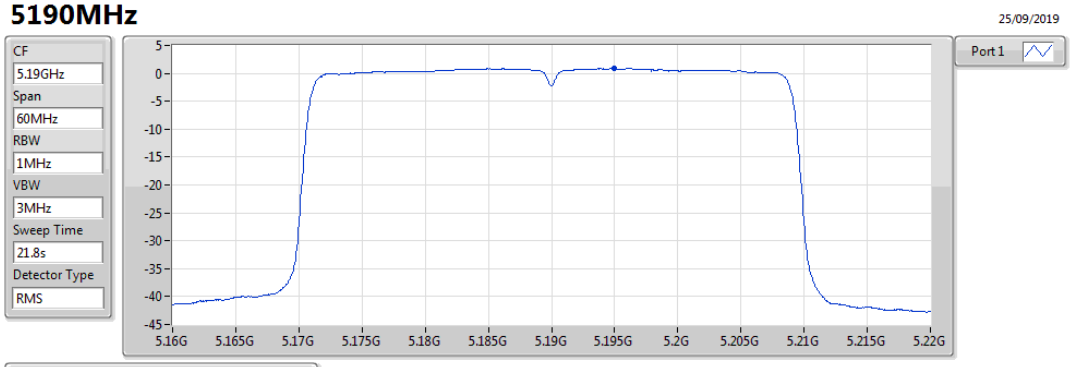
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.61	7.61	7.61

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

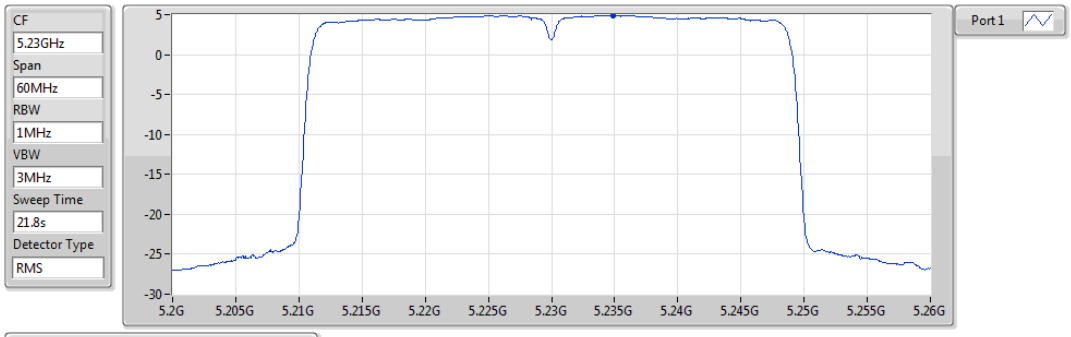
5190MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.85	0.85	0.85

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

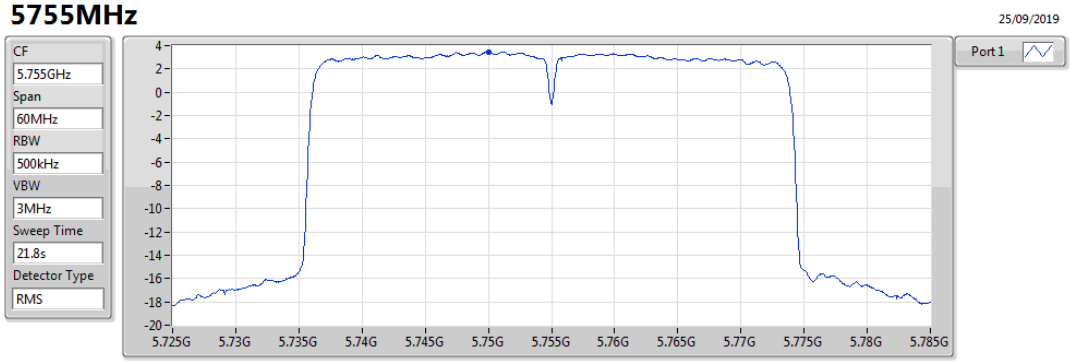
5230MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.91	4.91	4.91

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

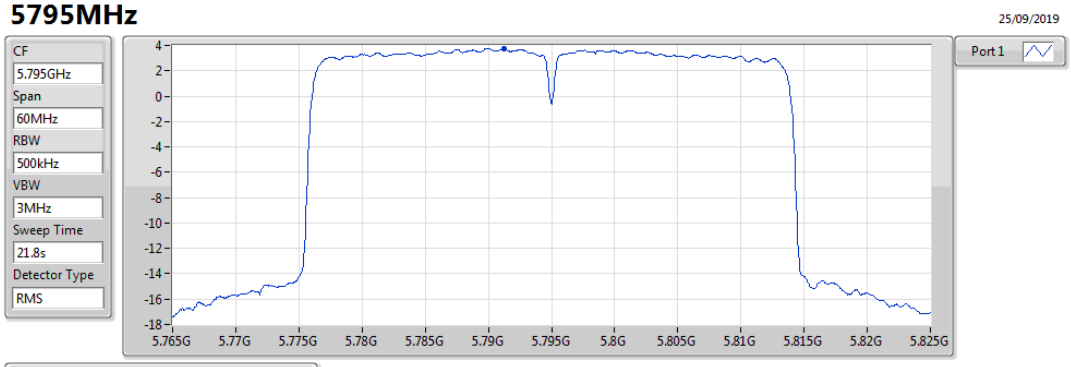
5755MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.48	3.48	3.48

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

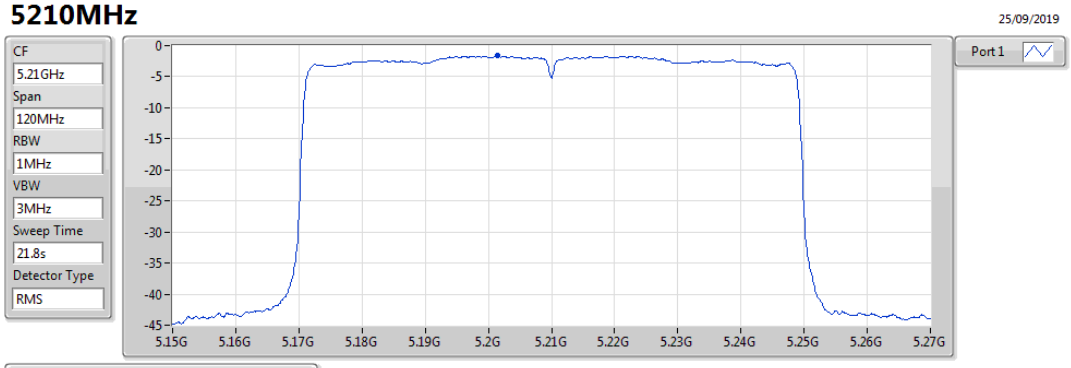
5795MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.78	3.78	3.78

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

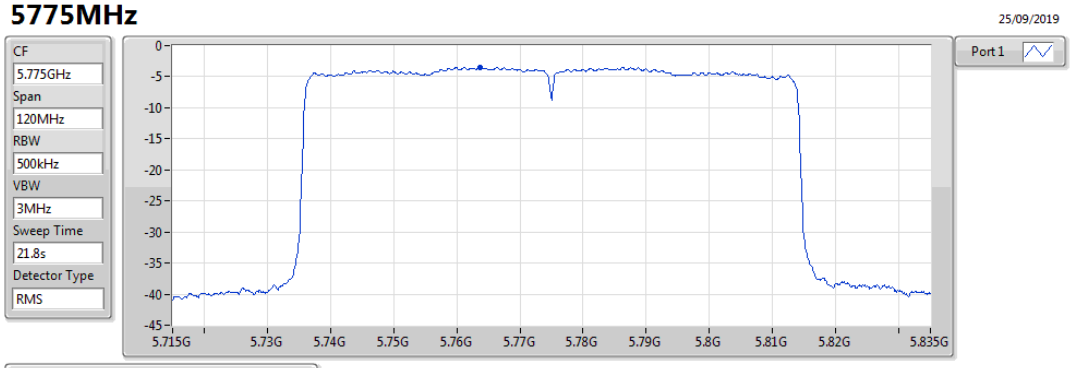
5210MHz



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

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

5775MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.51	-3.51	-3.51

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.67	22.68
802.11ac VHT20_Nss2,(MCS0)_2TX	14.25	22.25
802.11ac VHT40_Nss2,(MCS0)_2TX	9.78	17.78
802.11ac VHT80_Nss2,(MCS0)_2TX	3.03	11.03
802.11ax HEW20_Nss2,(MCS0)_2TX	14.08	22.08
802.11ax HEW40_Nss2,(MCS0)_2TX	9.77	17.77
802.11ax HEW80_Nss2,(MCS0)_2TX	3.23	11.23
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	12.50	23.51
802.11ac VHT20_Nss2,(MCS0)_2TX	12.13	20.13
802.11ac VHT40_Nss2,(MCS0)_2TX	9.44	17.44
802.11ac VHT80_Nss2,(MCS0)_2TX	2.38	10.38
802.11ax HEW20_Nss2,(MCS0)_2TX	12.05	20.05
802.11ax HEW40_Nss2,(MCS0)_2TX	9.29	17.29
802.11ax HEW80_Nss2,(MCS0)_2TX	2.36	10.36

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

Result

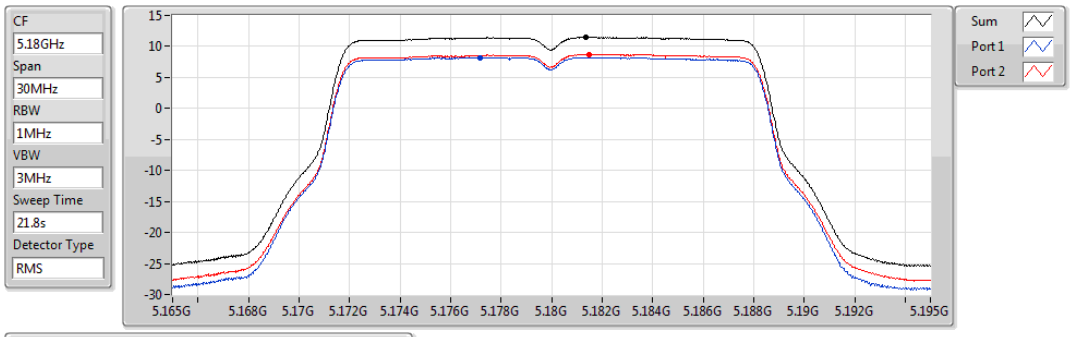
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	8.21	8.69	11.45	11.99	22.46	23.00
5200MHz	Pass	11.01	8.34	8.99	11.67	11.99	22.68	23.00
5240MHz	Pass	11.01	8.33	8.97	11.65	11.99	22.66	23.00
5745MHz	Pass	11.01	9.47	9.48	12.48	24.99	23.49	36.00
5785MHz	Pass	11.01	9.64	9.47	12.50	24.99	23.51	36.00
5825MHz	Pass	11.01	9.39	9.24	12.31	24.99	23.32	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	6.62	7.13	9.85	15.00	17.85	23.00
5200MHz	Pass	8.00	11.17	11.42	14.25	15.00	22.25	23.00
5240MHz	Pass	8.00	9.30	9.76	12.49	15.00	20.49	23.00
5745MHz	Pass	8.00	9.12	9.17	12.13	28.00	20.13	36.00
5785MHz	Pass	8.00	9.09	9.21	12.13	28.00	20.13	36.00
5825MHz	Pass	8.00	9.10	9.06	12.09	28.00	20.09	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	2.50	2.87	5.64	15.00	13.64	23.00
5230MHz	Pass	8.00	6.57	7.06	9.78	15.00	17.78	23.00
5755MHz	Pass	8.00	6.18	6.75	9.44	28.00	17.44	36.00
5795MHz	Pass	8.00	6.17	6.72	9.42	28.00	17.42	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-0.14	0.30	3.03	15.00	11.03	23.00
5775MHz	Pass	8.00	-0.89	-0.30	2.38	28.00	10.38	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	6.49	6.97	9.73	15.00	17.73	23.00
5200MHz	Pass	8.00	10.94	11.25	14.08	15.00	22.08	23.00
5240MHz	Pass	8.00	9.30	9.61	12.46	15.00	20.46	23.00
5745MHz	Pass	8.00	9.00	9.13	12.05	28.00	20.05	36.00
5785MHz	Pass	8.00	8.97	9.05	12.01	28.00	20.01	36.00
5825MHz	Pass	8.00	8.92	9.03	11.97	28.00	19.97	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	2.49	3.04	5.74	15.00	13.74	23.00
5230MHz	Pass	8.00	6.52	7.02	9.77	15.00	17.77	23.00
5755MHz	Pass	8.00	6.08	6.63	9.29	28.00	17.29	36.00
5795MHz	Pass	8.00	6.07	6.65	9.29	28.00	17.29	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	0.19	0.38	3.23	15.00	11.23	23.00
5775MHz	Pass	8.00	-0.87	-0.35	2.36	28.00	10.36	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

26/09/2019

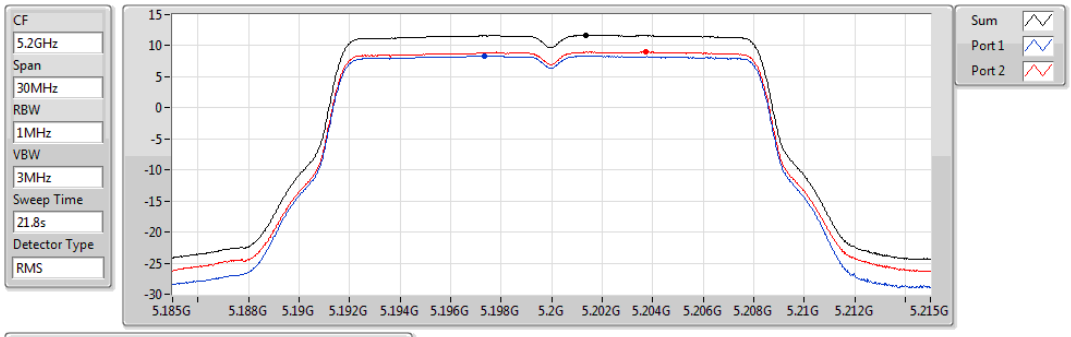


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.45	11.45	8.21	8.69

802.11a_Nss1,(6Mbps)_2TX PSD

5200MHz

26/09/2019

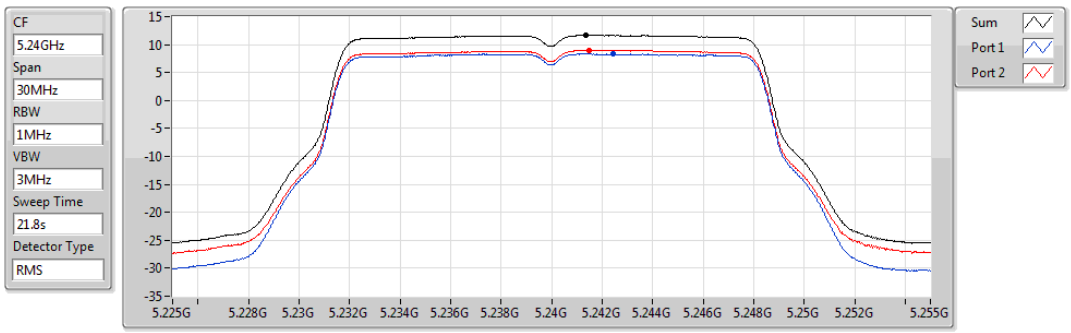


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.67	11.67	8.34	8.99

802.11a_Nss1,(6Mbps)_2TX PSD

5240MHz

26/09/2019

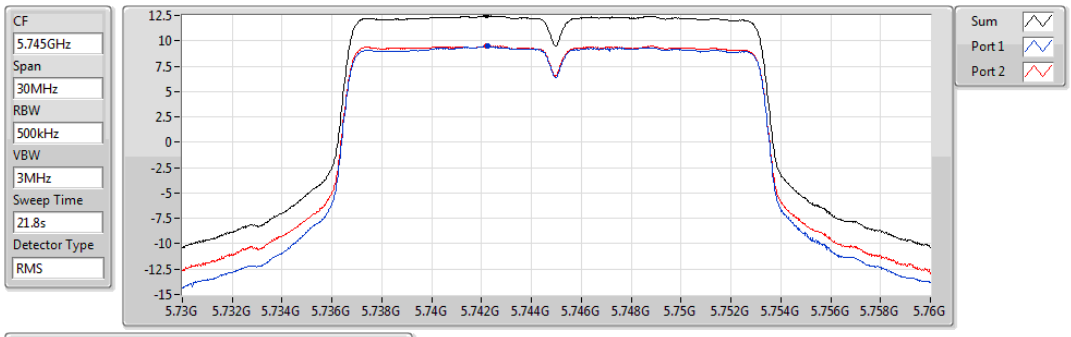


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.65	11.65	8.33	8.97

802.11a_Nss1,(6Mbps)_2TX PSD

5745MHz

26/09/2019

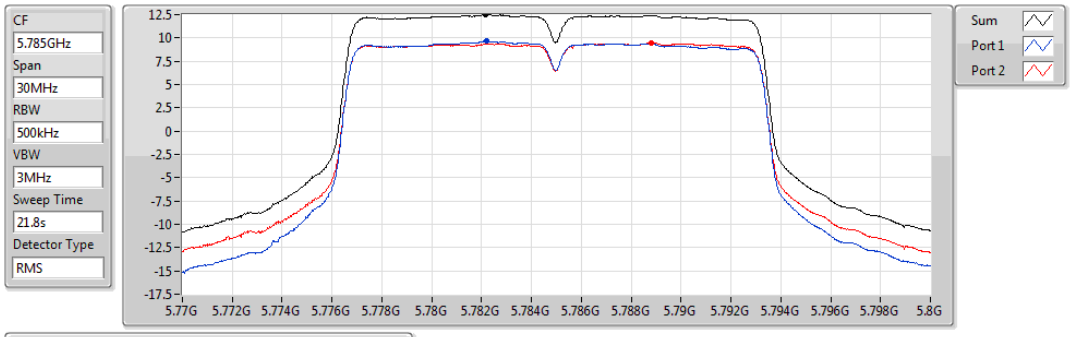


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.48	12.48	9.47	9.48

802.11a_Nss1,(6Mbps)_2TX PSD

5785MHz

26/09/2019

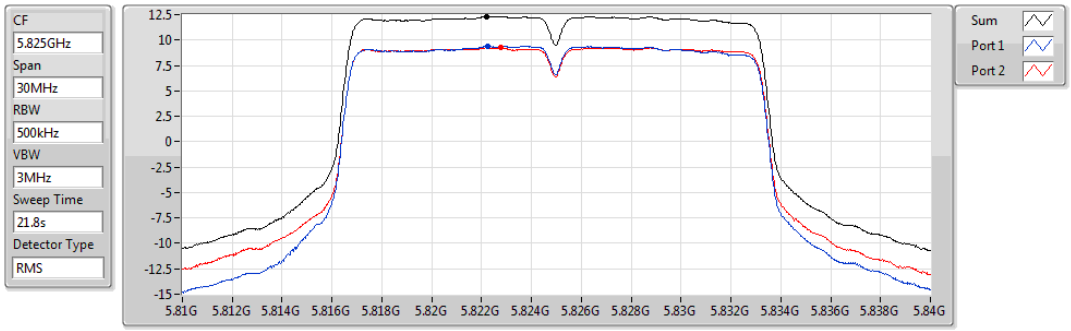


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.50	12.50	9.64	9.47

802.11a_Nss1,(6Mbps)_2TX PSD

5825MHz

26/09/2019

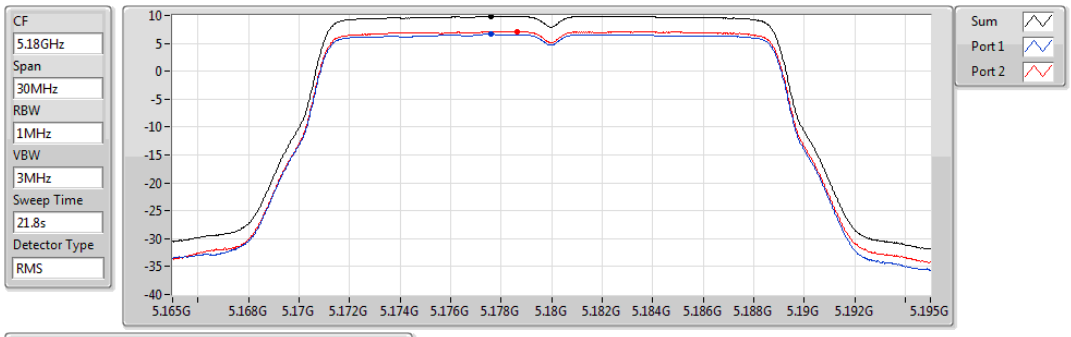


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.31	12.31	9.39	9.24

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5180MHz

26/09/2019

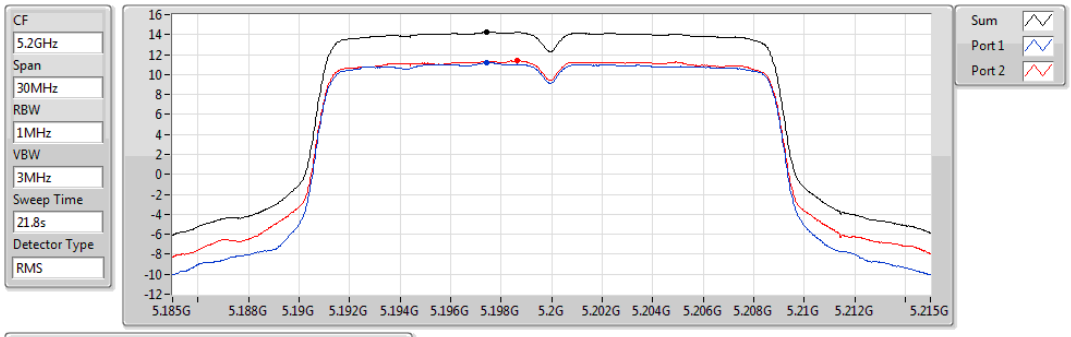


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.85	9.85	6.62	7.13

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5200MHz

18/11/2019

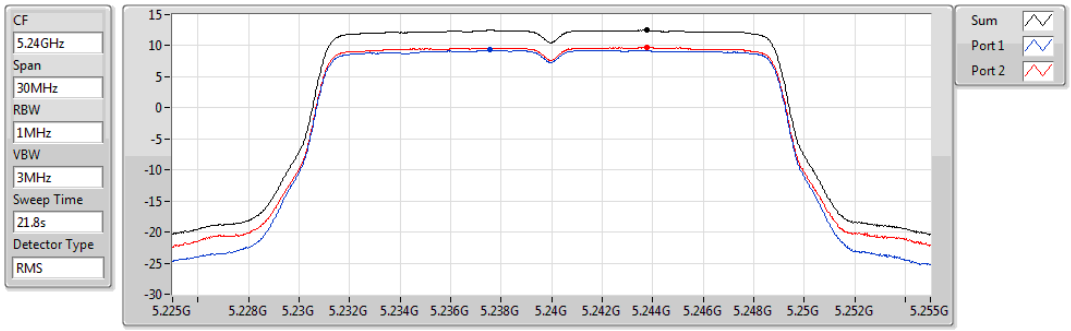


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.25	14.25	11.17	11.42

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5240MHz

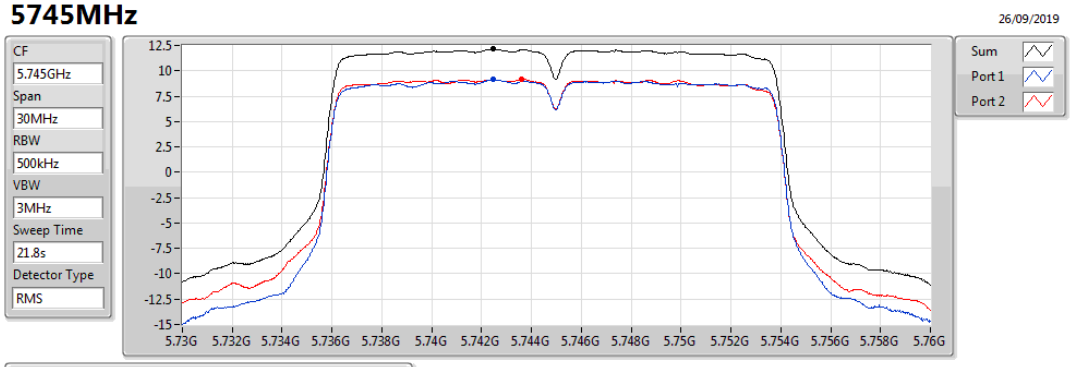
26/09/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.49	12.49	9.30	9.76

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

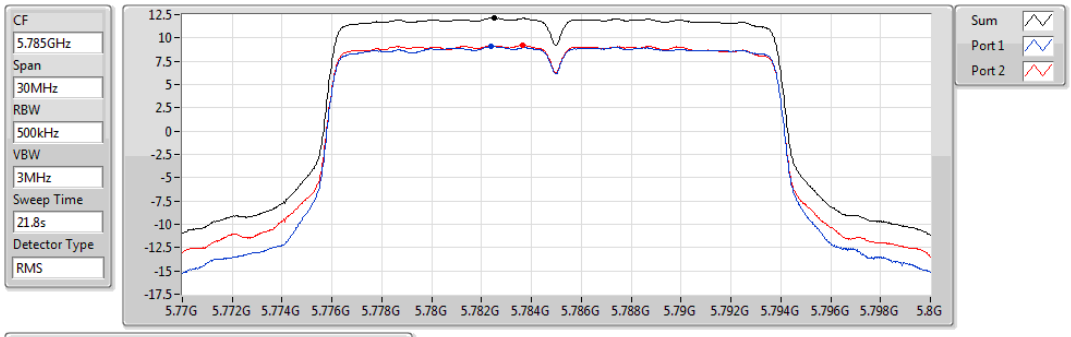
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.13	12.13	9.12	9.17

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

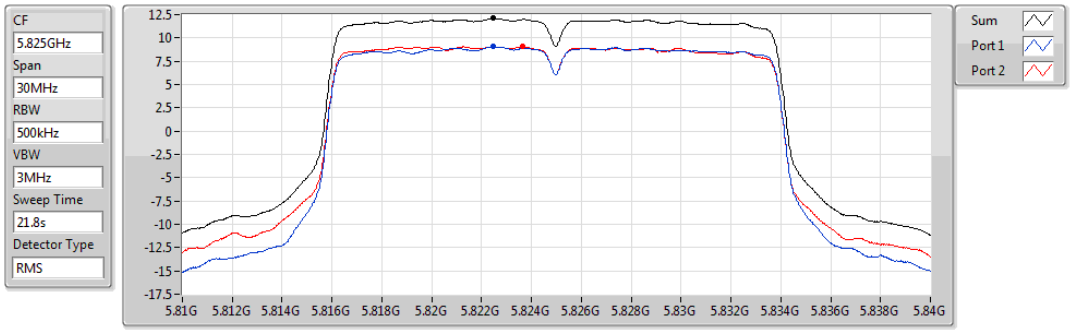
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.13	12.13	9.09	9.21

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

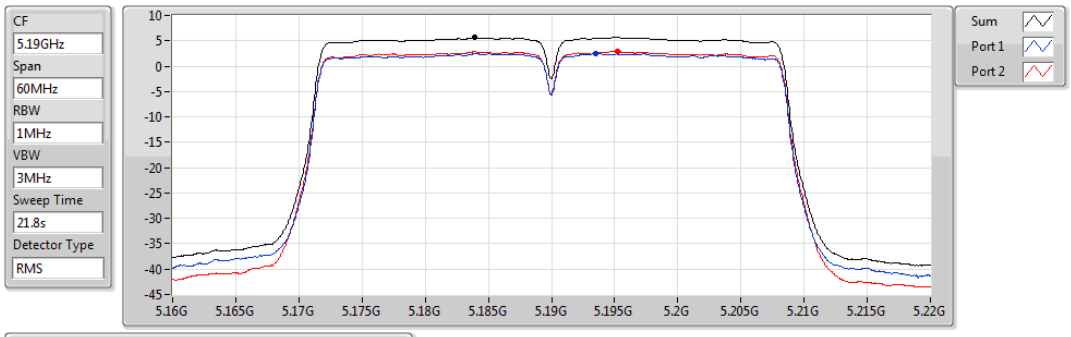
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.09	12.09	9.10	9.06

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

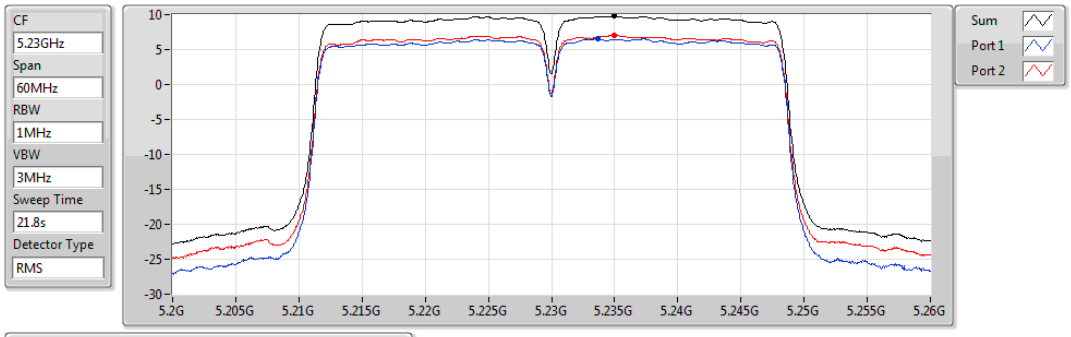
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.64	5.64	2.50	2.87

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

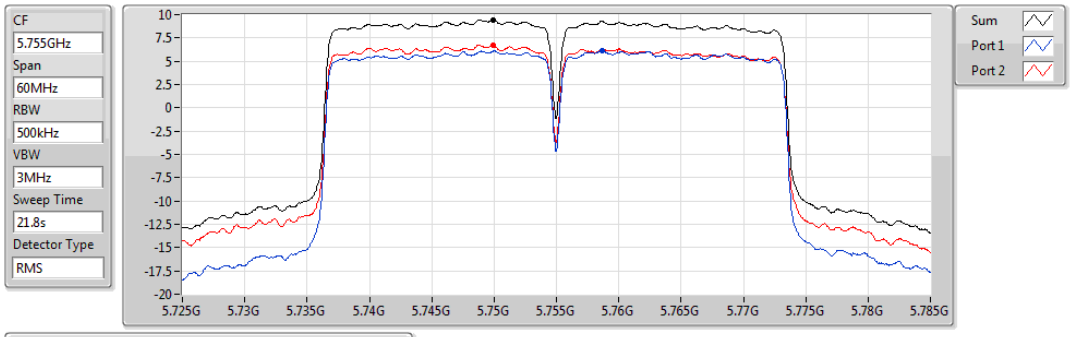
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.78	9.78	6.57	7.06

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

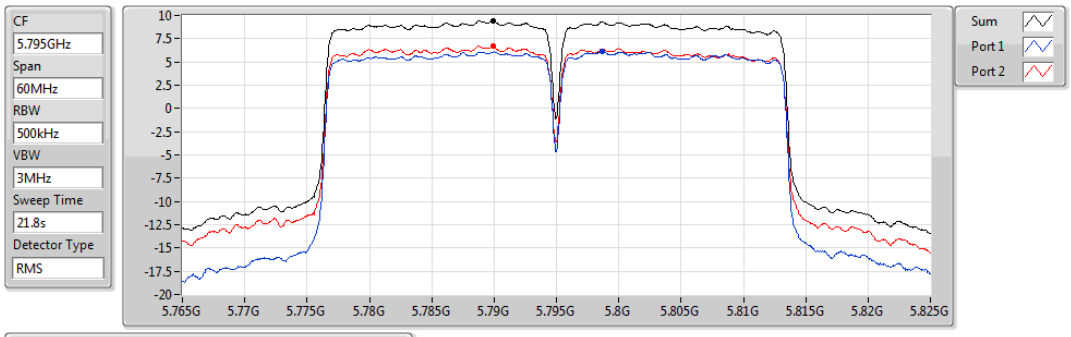
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.44	9.44	6.18	6.75

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

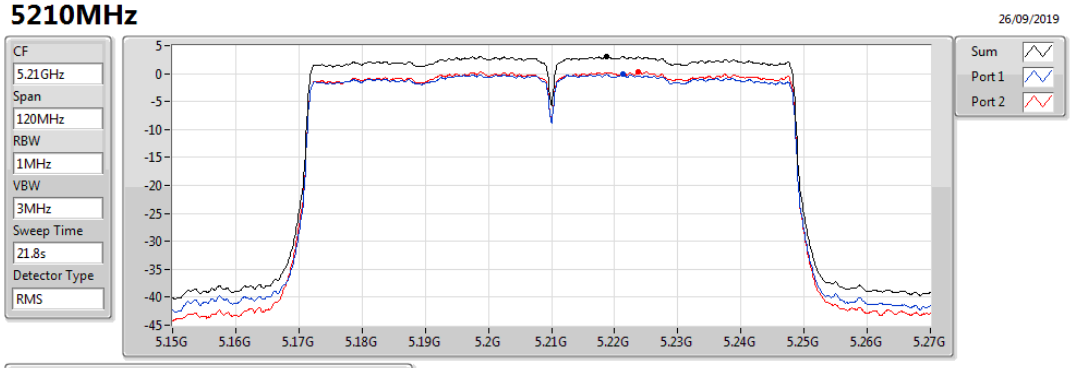
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.42	9.42	6.17	6.72

802.11ac VHT80_Nss2,(MCS0)_2TX PSD

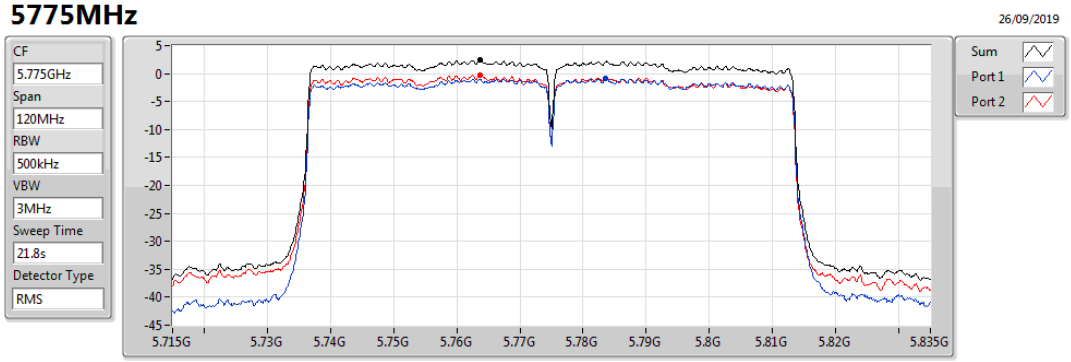
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.03	3.03	-0.14	0.30

802.11ac VHT80_Nss2,(MCS0)_2TX PSD

5775MHz

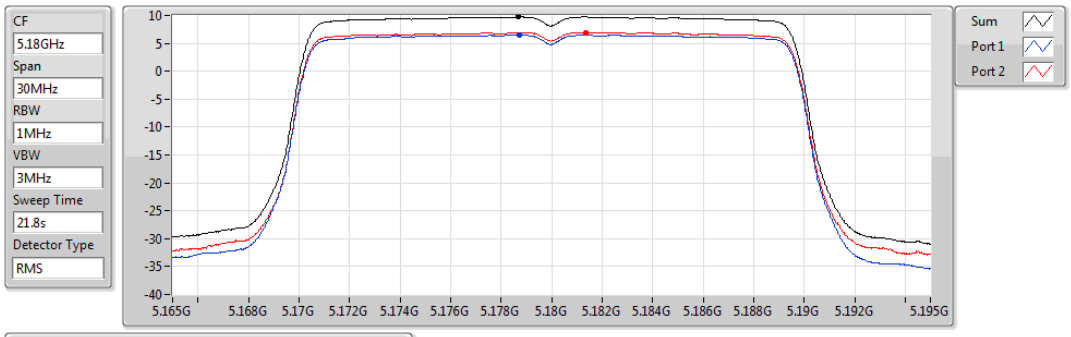


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.38	2.38	-0.89	-0.30

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5180MHz

26/09/2019

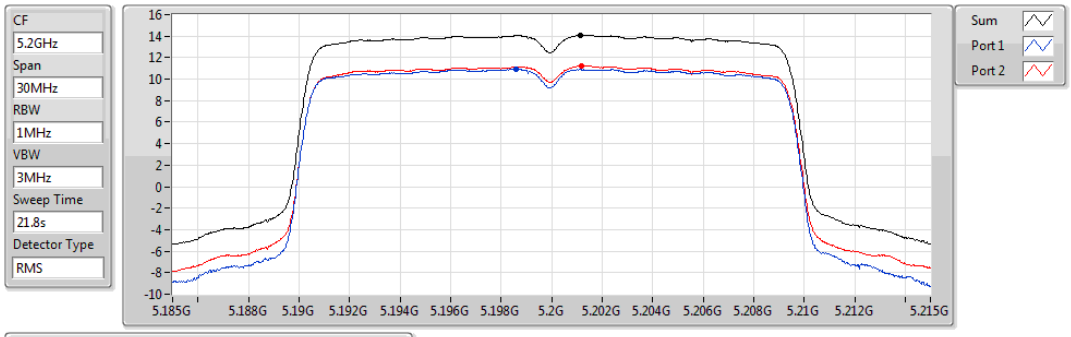


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.73	9.73	6.49	6.97

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5200MHz

18/11/2019

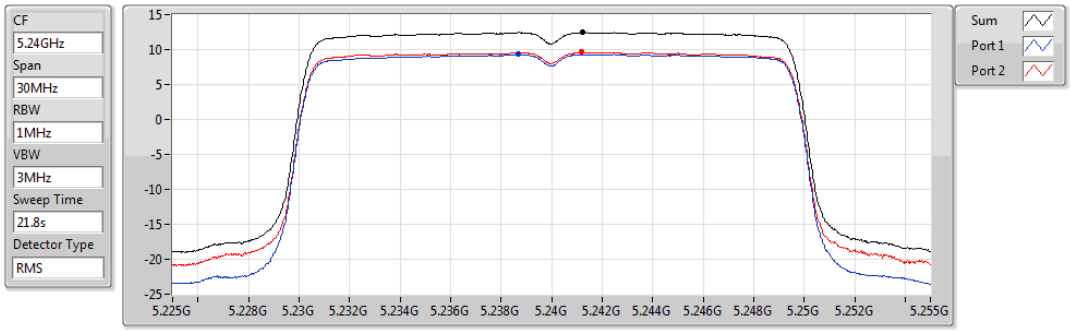


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.08	14.08	10.94	11.25

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5240MHz

26/09/2019

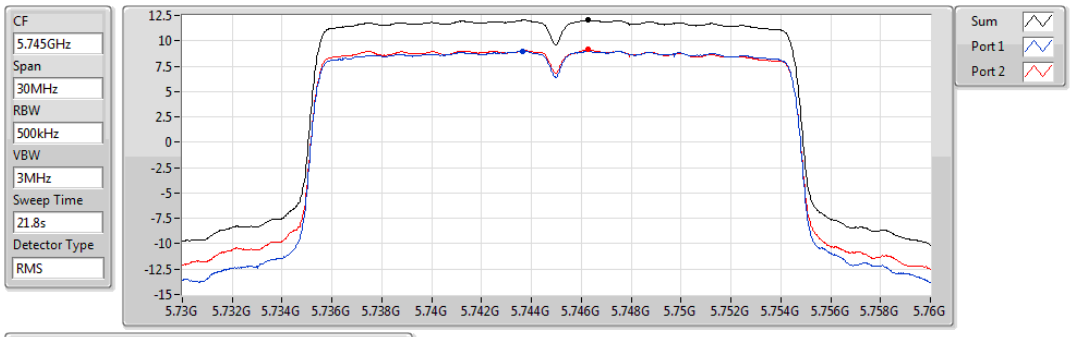


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.46	12.46	9.30	9.61

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5745MHz

26/09/2019

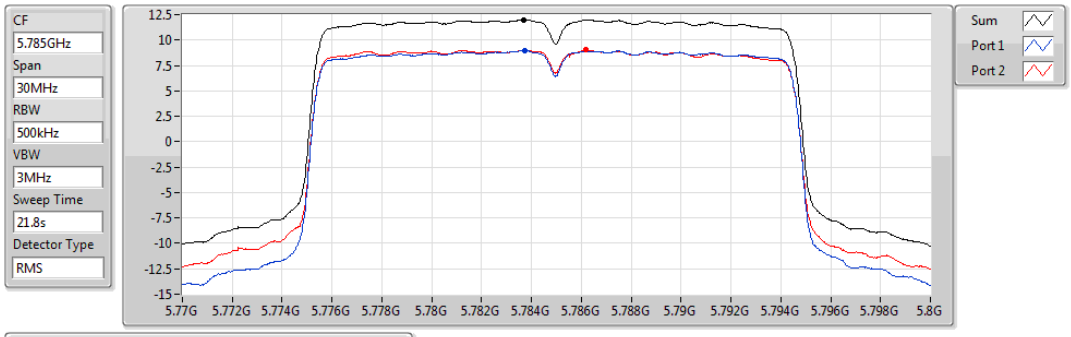


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.05	12.05	9.00	9.13

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5785MHz

26/09/2019

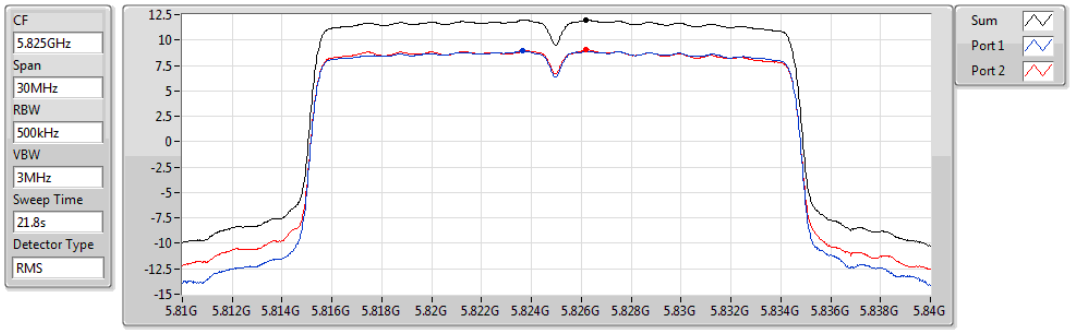


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.01	12.01	8.97	9.05

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5825MHz

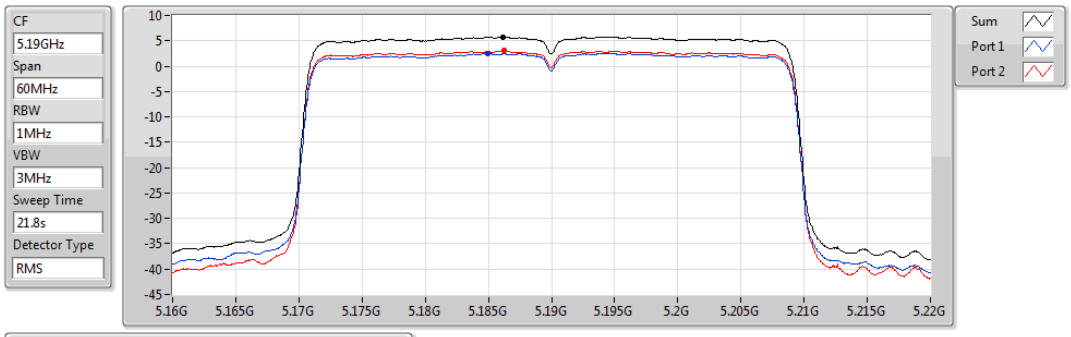
26/09/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.97	11.97	8.92	9.03

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

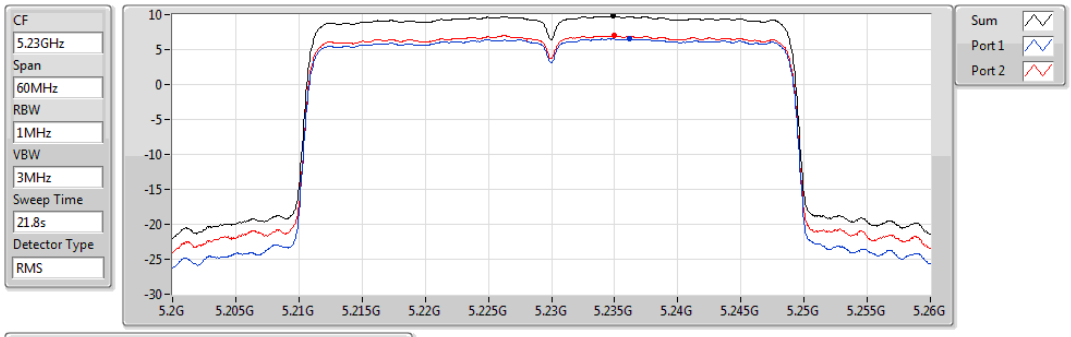
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.74	5.74	2.49	3.04

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

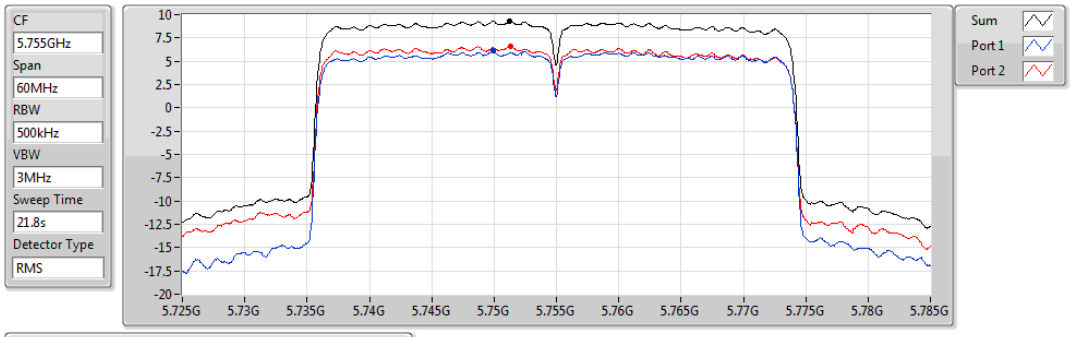
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.77	9.77	6.52	7.02

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

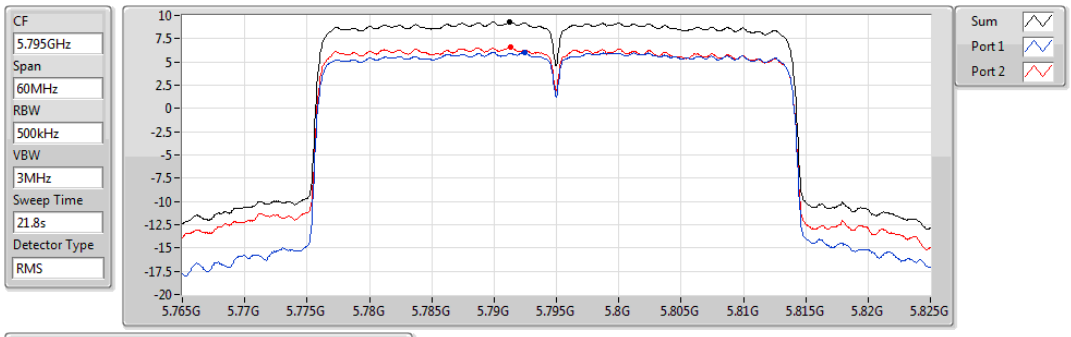
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.29	9.29	6.08	6.63

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

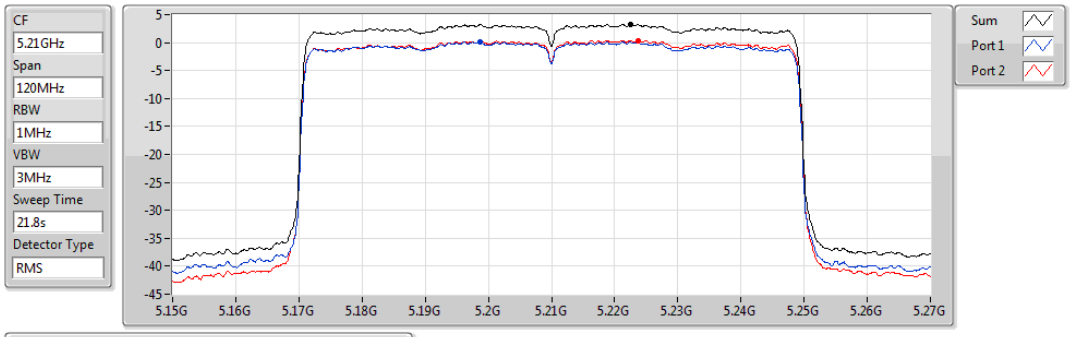
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.29	9.29	6.07	6.65

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

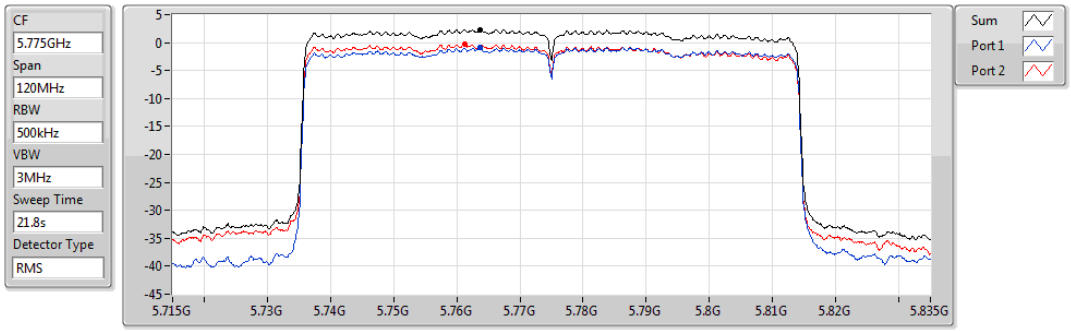
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.23	3.23	0.19	0.38

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.36	2.36	-0.87	-0.35

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.84	22.86
802.11ac VHT20_Nss1,(MCS0)_4TX	8.69	22.71
802.11ac VHT40_Nss1,(MCS0)_4TX	8.61	22.63
802.11ac VHT80_Nss1,(MCS0)_4TX	2.81	16.83
802.11ax HEW20_Nss1,(MCS0)_4TX	8.75	22.77
802.11ax HEW40_Nss1,(MCS0)_4TX	8.82	22.84
802.11ax HEW80_Nss1,(MCS0)_4TX	3.20	17.22
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	12.91	26.93
802.11ac VHT20_Nss1,(MCS0)_4TX	12.25	26.27
802.11ac VHT40_Nss1,(MCS0)_4TX	9.37	23.39
802.11ac VHT80_Nss1,(MCS0)_4TX	2.39	16.41
802.11ax HEW20_Nss1,(MCS0)_4TX	12.43	26.45
802.11ax HEW40_Nss1,(MCS0)_4TX	9.67	23.69
802.11ax HEW80_Nss1,(MCS0)_4TX	2.69	16.71

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

Result

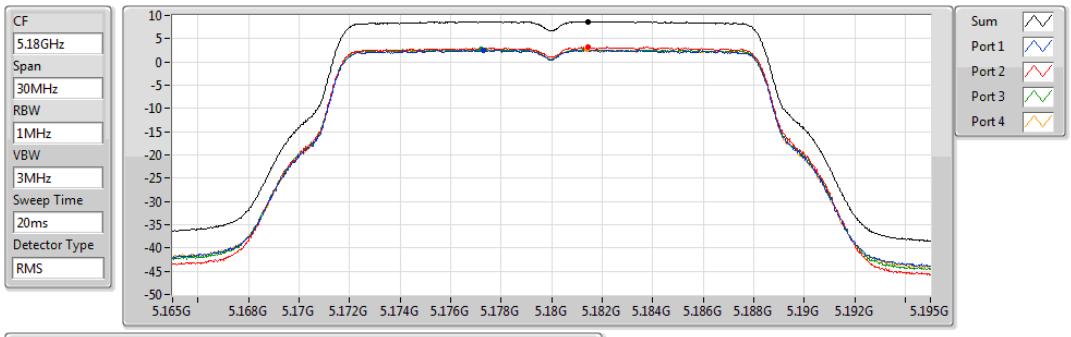
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	14.02	2.57	3.14	2.80	2.64	8.71	8.98	22.73	23.00
5200MHz	Pass	14.02	2.66	3.08	2.86	2.87	8.84	8.98	22.86	23.00
5240MHz	Pass	14.02	2.59	3.00	2.80	2.64	8.74	8.98	22.76	23.00
5745MHz	Pass	14.02	6.85	6.84	6.97	7.00	12.91	21.98	26.93	36.00
5785MHz	Pass	14.02	6.74	6.65	6.59	6.79	12.65	21.98	26.67	36.00
5825MHz	Pass	14.02	6.61	6.46	6.50	6.76	12.56	21.98	26.58	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	14.02	2.54	2.80	2.82	2.64	8.69	8.98	22.71	23.00
5200MHz	Pass	14.02	2.36	2.57	2.59	2.56	8.50	8.98	22.52	23.00
5240MHz	Pass	14.02	2.39	2.65	2.72	2.56	8.56	8.98	22.58	23.00
5745MHz	Pass	14.02	6.06	6.31	6.36	6.39	12.25	21.98	26.27	36.00
5785MHz	Pass	14.02	5.96	5.99	6.08	6.16	11.98	21.98	26.00	36.00
5825MHz	Pass	14.02	5.85	5.84	6.01	6.04	11.88	21.98	25.90	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	14.02	-0.18	-0.03	-0.07	-0.14	5.85	8.98	19.87	23.00
5230MHz	Pass	14.02	2.24	2.75	2.82	2.66	8.61	8.98	22.63	23.00
5755MHz	Pass	14.02	2.89	3.56	3.51	3.47	9.37	21.98	23.39	36.00
5795MHz	Pass	14.02	2.98	3.42	3.29	3.22	9.19	21.98	23.21	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	14.02	-3.53	-2.99	-3.13	-3.11	2.81	8.98	16.83	23.00
5775MHz	Pass	14.02	-3.97	-3.46	-3.41	-3.57	2.39	21.98	16.41	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	14.02	2.64	2.89	2.96	2.55	8.75	8.98	22.77	23.00
5200MHz	Pass	14.02	2.59	2.75	2.84	2.66	8.69	8.98	22.71	23.00
5240MHz	Pass	14.02	2.56	2.83	2.86	2.75	8.75	8.98	22.77	23.00
5745MHz	Pass	14.02	6.25	6.52	6.57	6.54	12.43	21.98	26.45	36.00
5785MHz	Pass	14.02	6.09	6.17	6.26	6.23	12.16	21.98	26.18	36.00
5825MHz	Pass	14.02	6.21	6.12	6.28	6.35	12.19	21.98	26.21	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	14.02	-0.03	0.12	0.30	0.17	6.11	8.98	20.13	23.00
5230MHz	Pass	14.02	2.56	3.00	2.98	2.80	8.82	8.98	22.84	23.00
5755MHz	Pass	14.02	2.94	3.45	3.62	3.45	9.33	21.98	23.35	36.00
5795MHz	Pass	14.02	3.66	3.71	3.76	3.75	9.67	21.98	23.69	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	14.02	-3.06	-2.61	-2.81	-2.62	3.20	8.98	17.22	23.00
5775MHz	Pass	14.02	-3.73	-3.11	-3.17	-3.31	2.69	21.98	16.71	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)_4TX PSD

5180MHz

27/09/2019

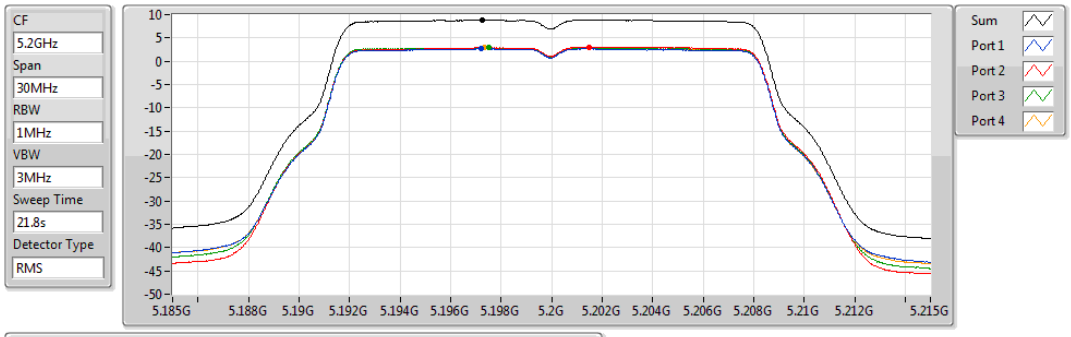


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.71	8.71	2.57	3.14	2.80	2.64

802.11a_Nss1,(6Mbps)_4TX PSD

5200MHz

27/09/2019

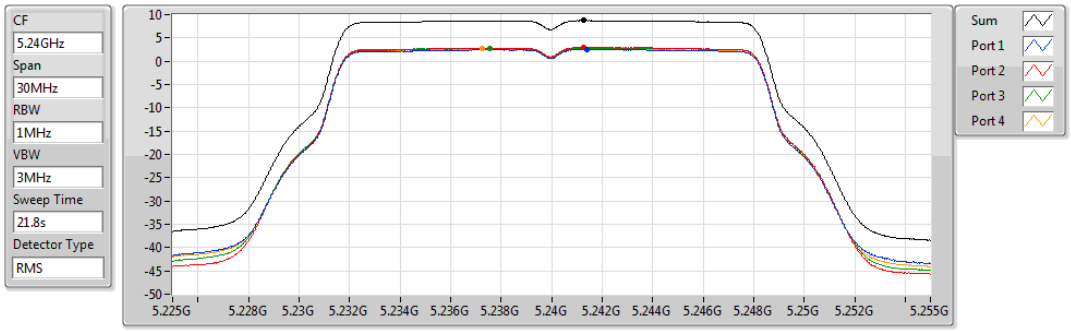


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.84	8.84	2.66	3.08	2.86	2.87

802.11a_Nss1,(6Mbps)_4TX PSD

5240MHz

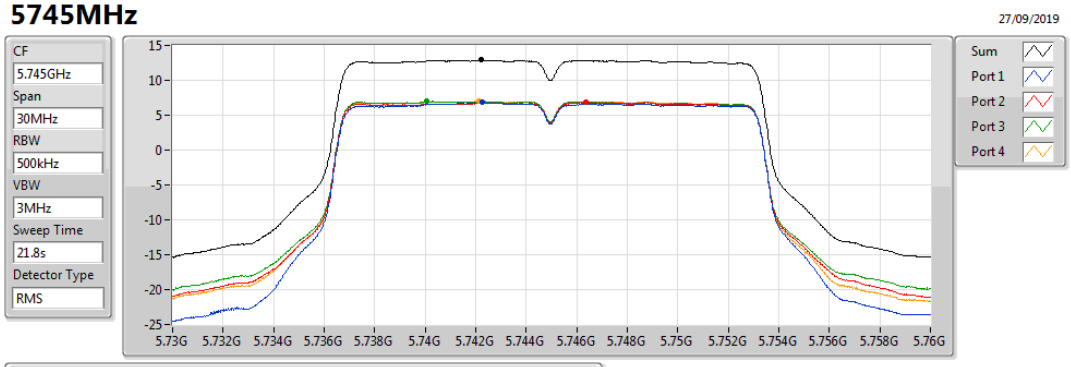
27/09/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.74	8.74	2.59	3.00	2.80	2.64

802.11a_Nss1,(6Mbps)_4TX PSD

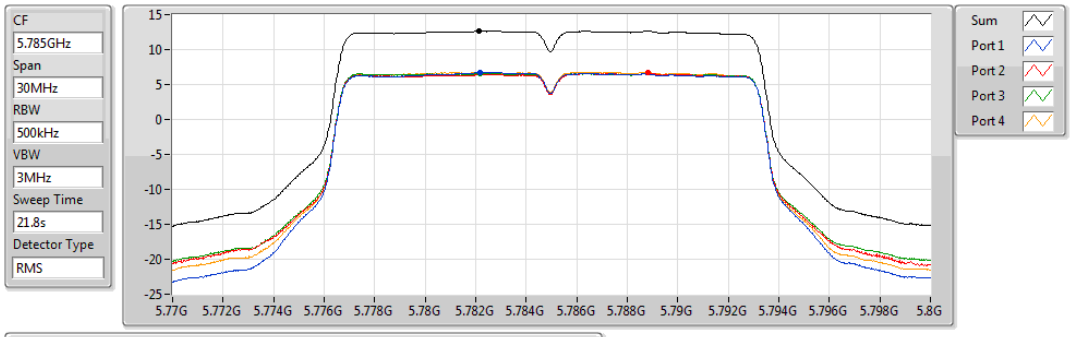
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.91	12.91	6.85	6.84	6.97	7.00

802.11a_Nss1,(6Mbps)_4TX PSD

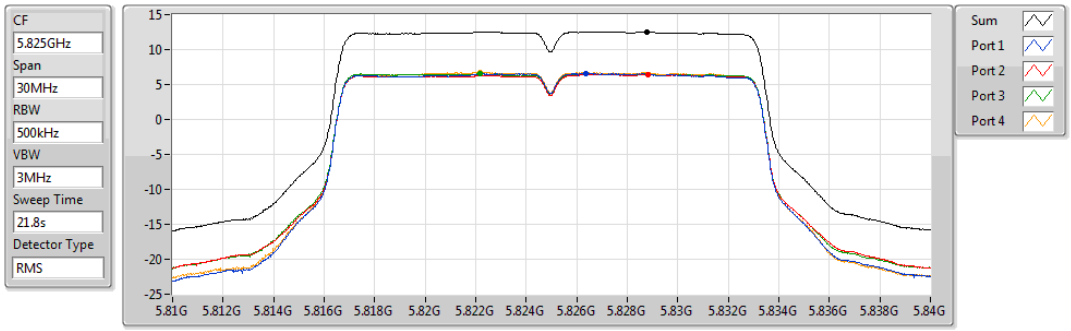
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.65	12.65	6.74	6.65	6.59	6.79

802.11a_Nss1,(6Mbps)_4TX PSD

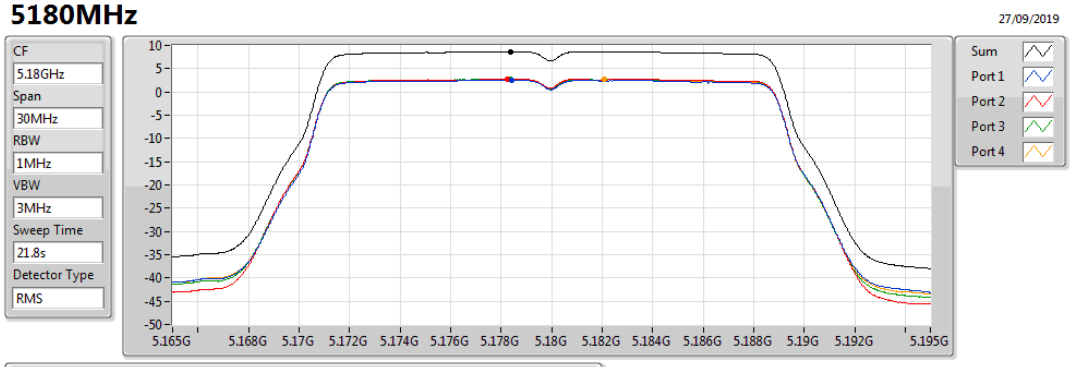
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.56	12.56	6.61	6.46	6.50	6.76

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

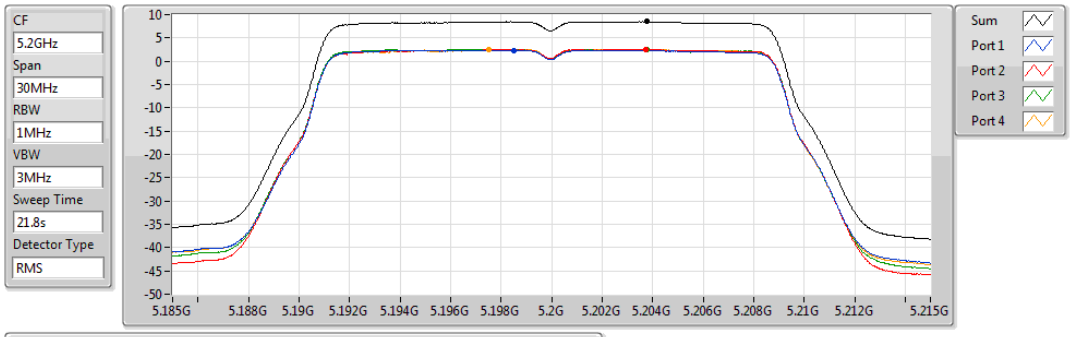
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.69	8.69	2.54	2.80	2.82	2.64

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

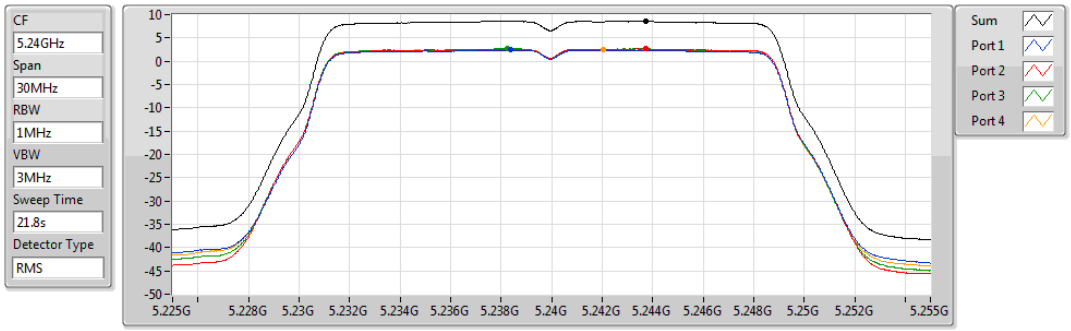
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.50	8.50	2.36	2.57	2.59	2.56

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

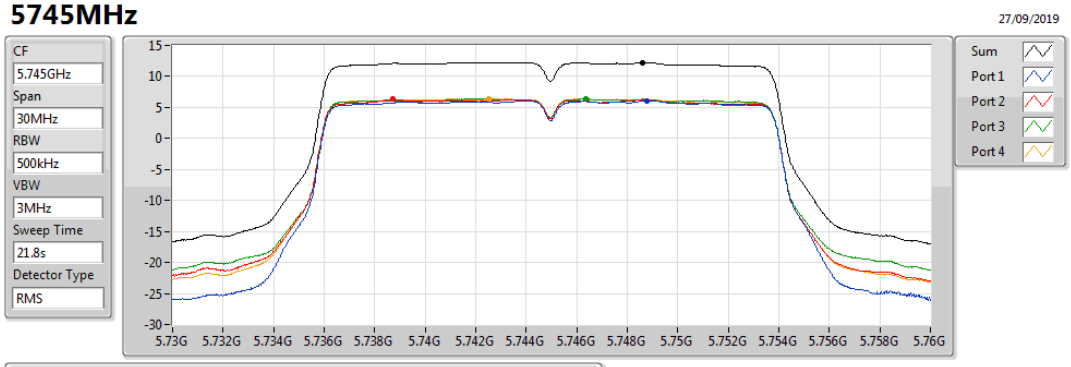
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.56	8.56	2.39	2.65	2.72	2.56

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

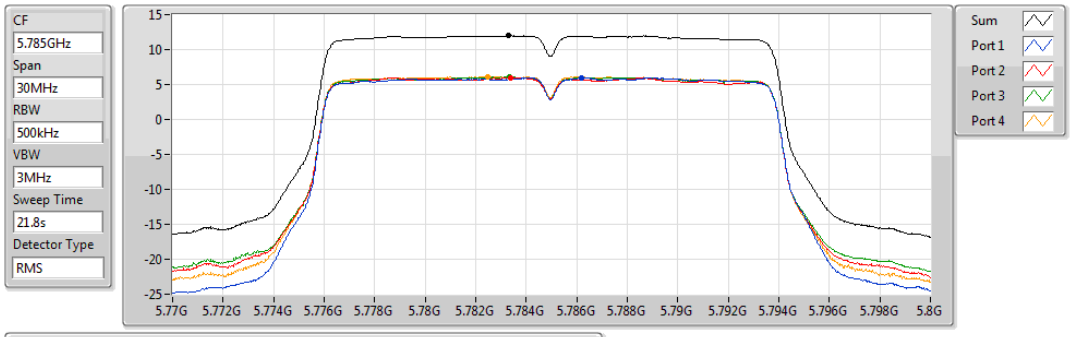
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.25	12.25	6.06	6.31	6.36	6.39

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

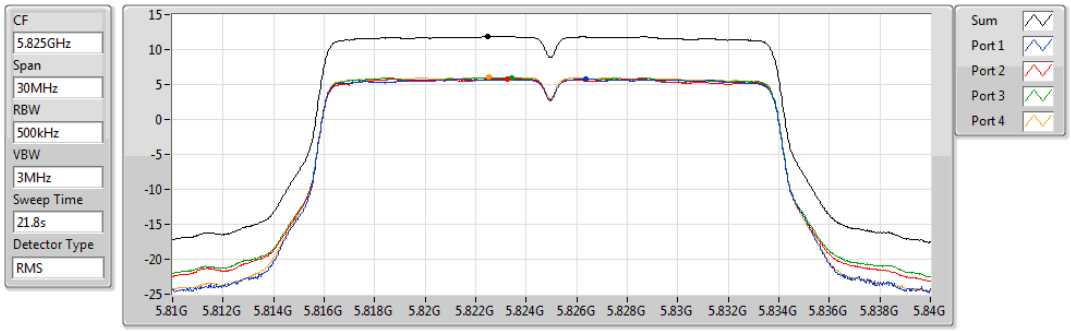
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.98	11.98	5.96	5.99	6.08	6.16

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

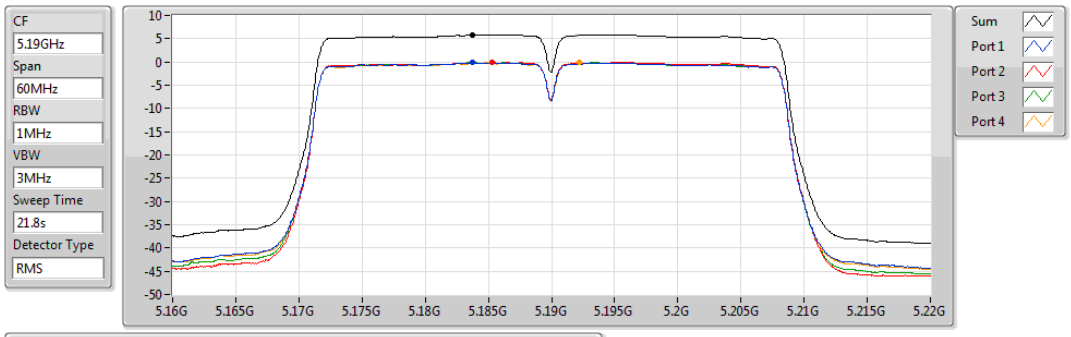
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.88	11.88	5.85	5.84	6.01	6.04

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

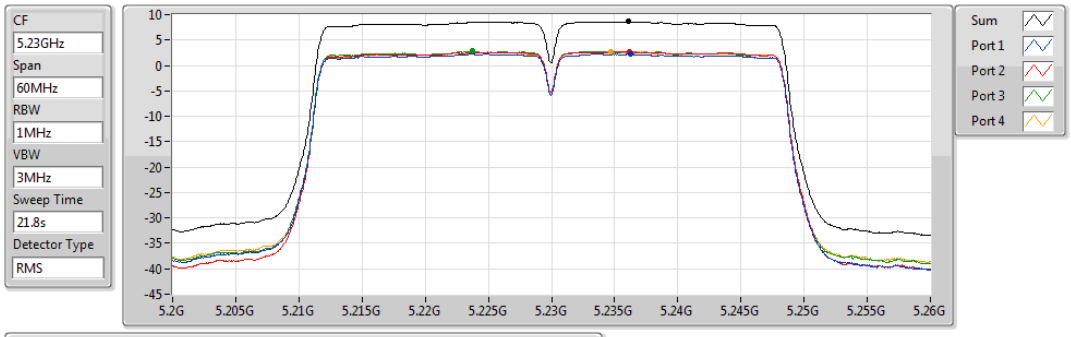
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.85	5.85	-0.18	-0.03	-0.07	-0.14

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

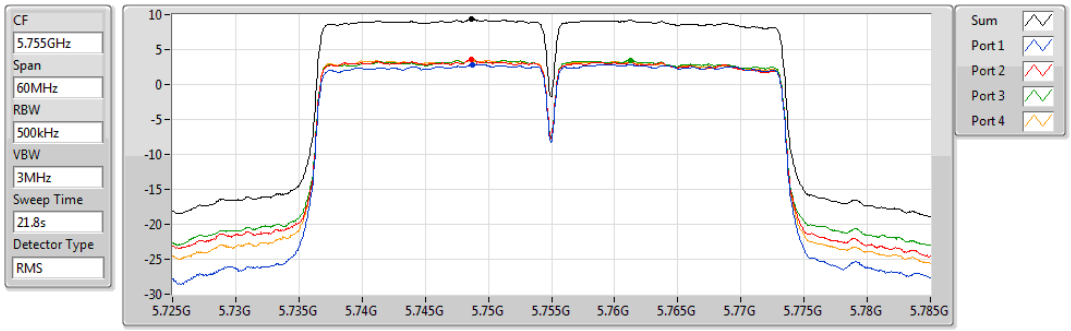
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.61	8.61	2.24	2.75	2.82	2.66

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

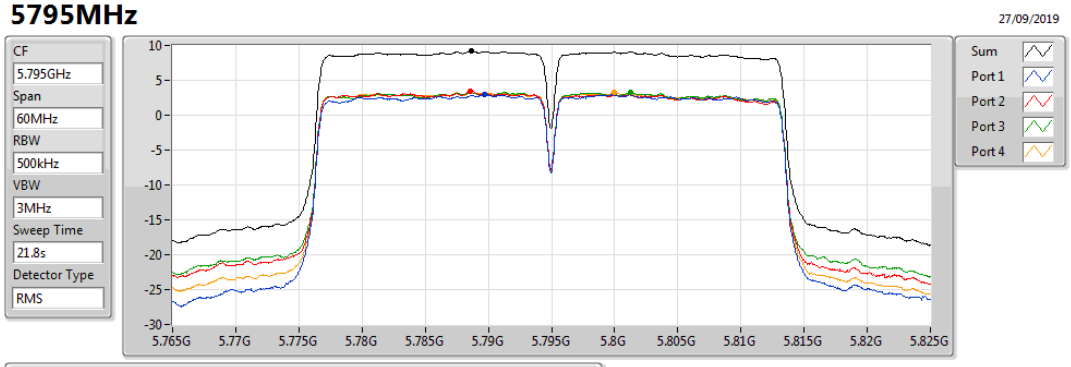
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.37	9.37	2.89	3.56	3.51	3.47

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

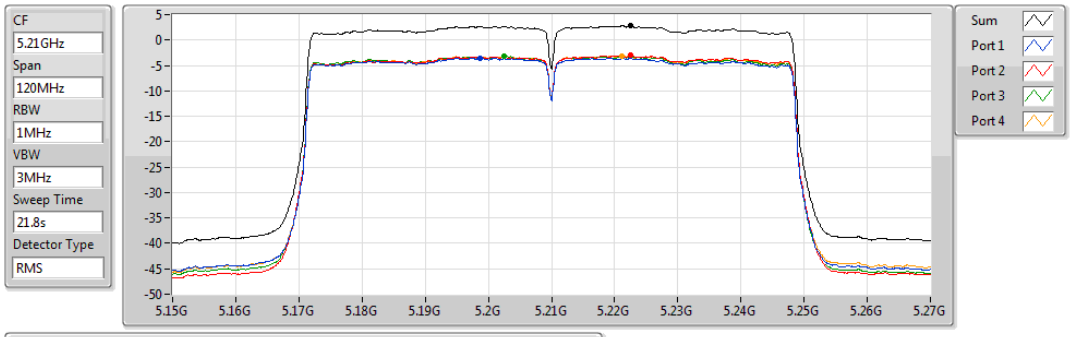
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.19	9.19	2.98	3.42	3.29	3.22

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

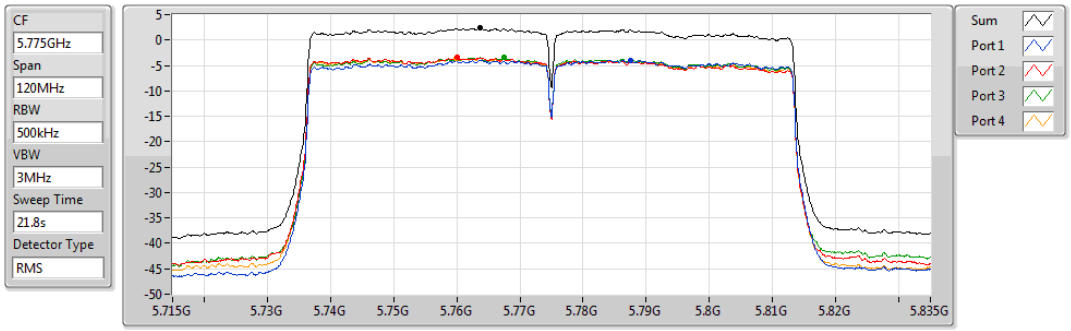
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.81	2.81	-3.53	-2.99	-3.13	-3.11

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

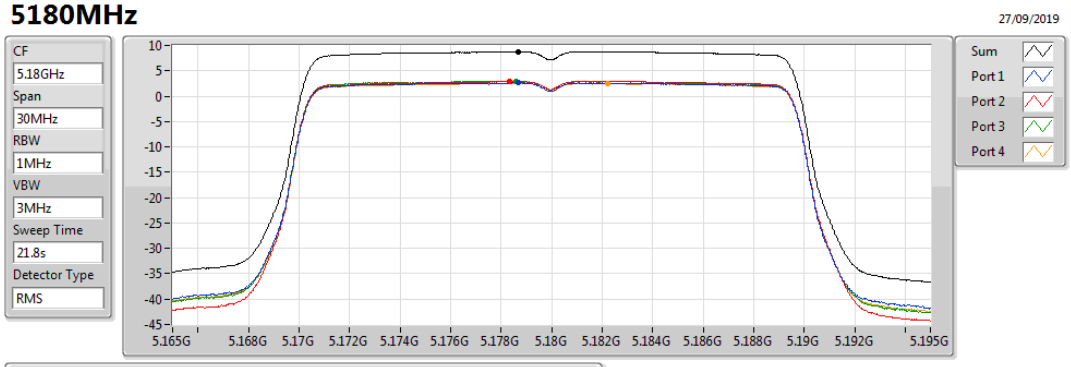
5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.39	2.39	-3.97	-3.46	-3.41	-3.57

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

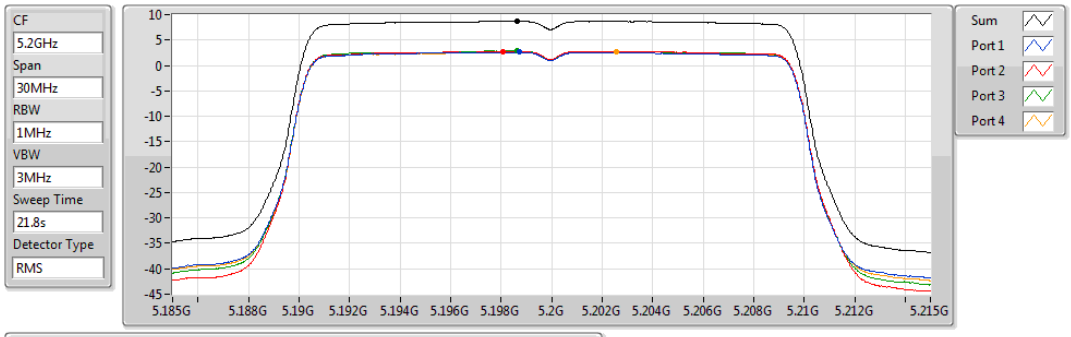
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.75	8.75	2.64	2.89	2.96	2.55

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

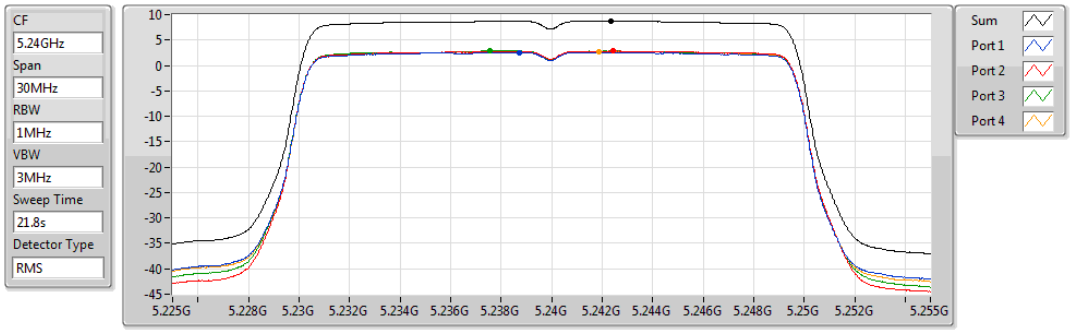
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.69	8.69	2.59	2.75	2.84	2.66

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

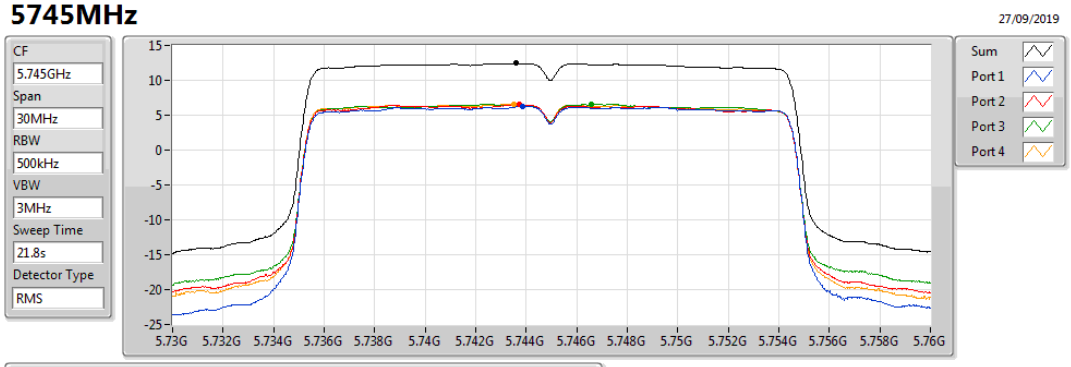
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.75	8.75	2.56	2.83	2.86	2.75

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

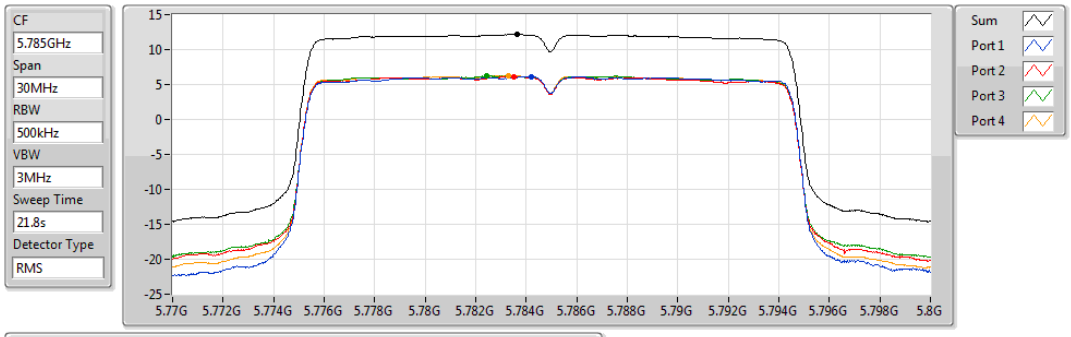
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.43	12.43	6.25	6.52	6.57	6.54

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

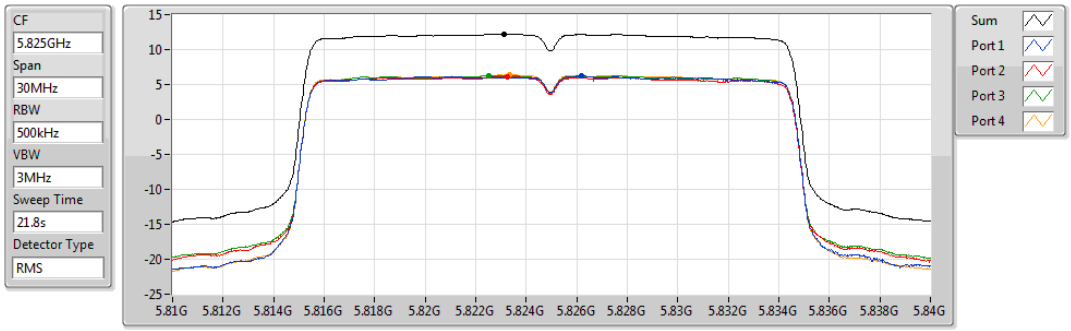
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.16	12.16	6.09	6.17	6.26	6.23

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

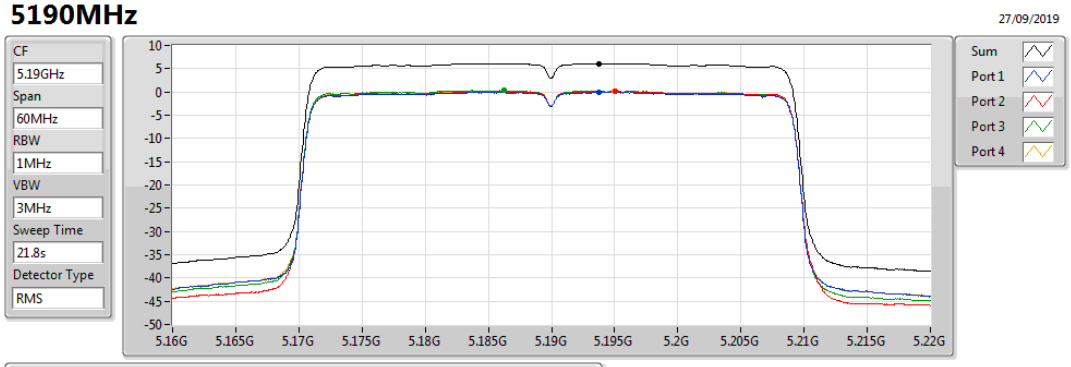
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.19	12.19	6.21	6.12	6.28	6.35

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

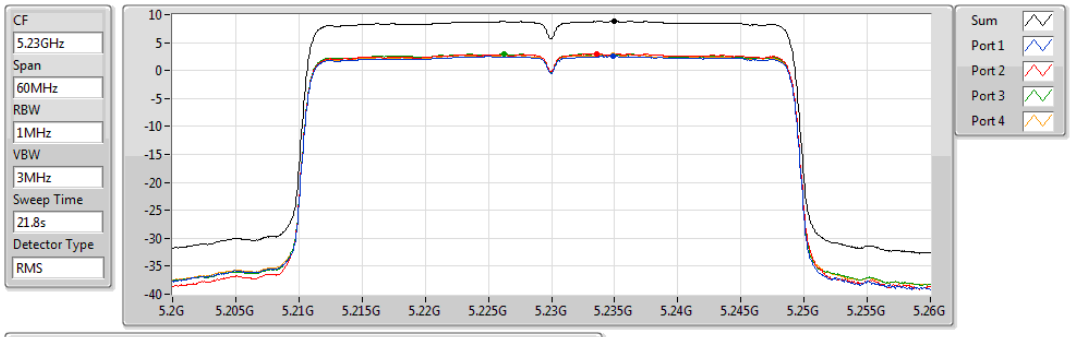
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.11	6.11	-0.03	0.12	0.30	0.17

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

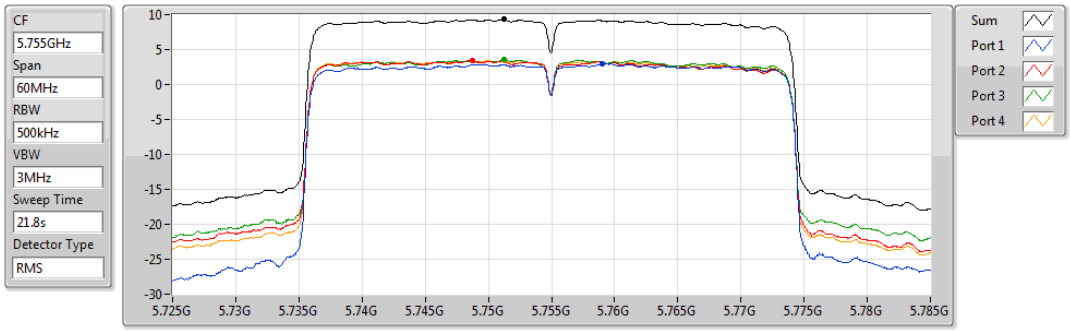
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.82	8.82	2.56	3.00	2.98	2.80

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

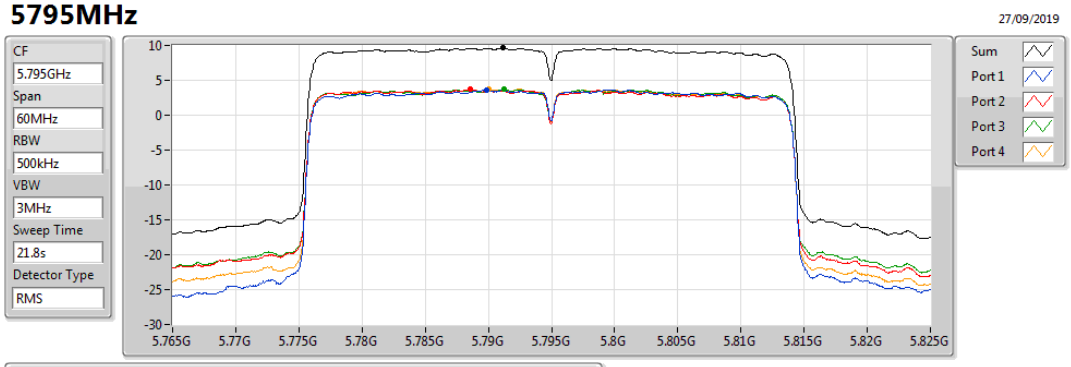
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.33	9.33	2.94	3.45	3.62	3.45

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

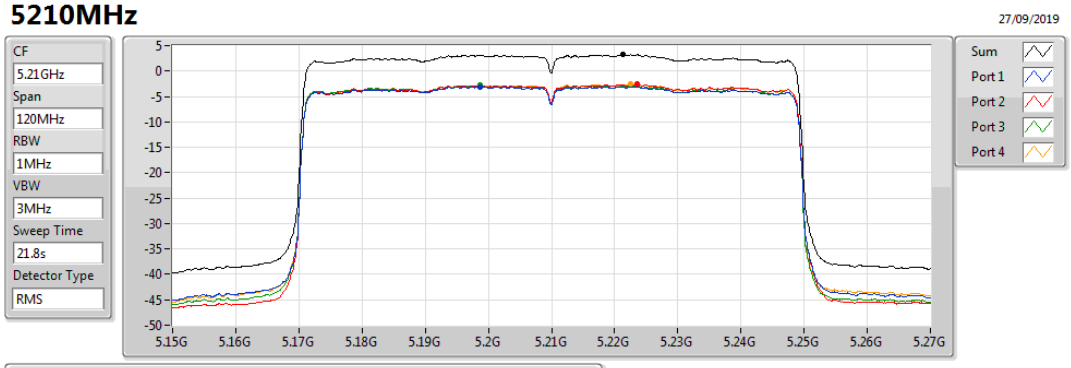
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.67	9.67	3.66	3.71	3.76	3.75

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

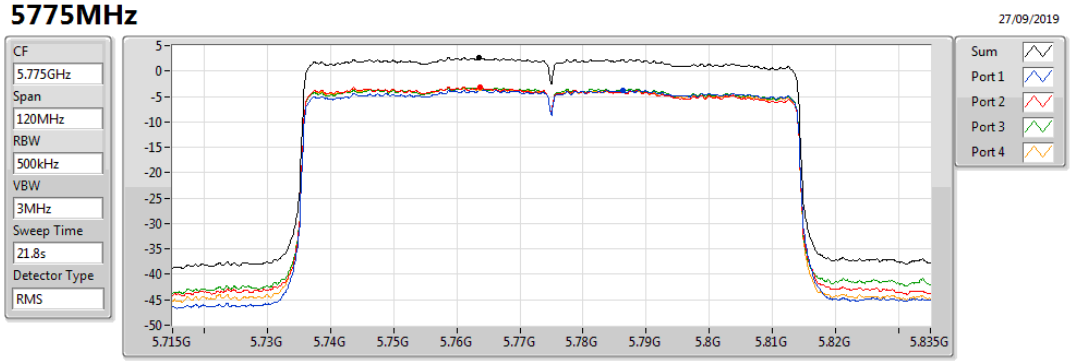
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.20	3.20	-3.06	-2.61	-2.81	-2.62

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.69	2.69	-3.73	-3.11	-3.17	-3.31

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	14.37	22.37
802.11ac VHT40_Nss4,(MCS0)_4TX	9.54	17.54
802.11ac VHT80_Nss4,(MCS0)_4TX	2.44	10.44
802.11ax HEW20_Nss4,(MCS0)_4TX	14.27	22.27
802.11ax HEW40_Nss4,(MCS0)_4TX	9.49	17.49
802.11ax HEW80_Nss4,(MCS0)_4TX	2.47	10.47
5.725-5.85GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	12.26	20.26
802.11ac VHT40_Nss4,(MCS0)_4TX	9.63	17.63
802.11ac VHT80_Nss4,(MCS0)_4TX	2.30	10.30
802.11ax HEW20_Nss4,(MCS0)_4TX	12.14	20.14
802.11ax HEW40_Nss4,(MCS0)_4TX	9.55	17.55
802.11ax HEW80_Nss4,(MCS0)_4TX	2.44	10.44

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

Result

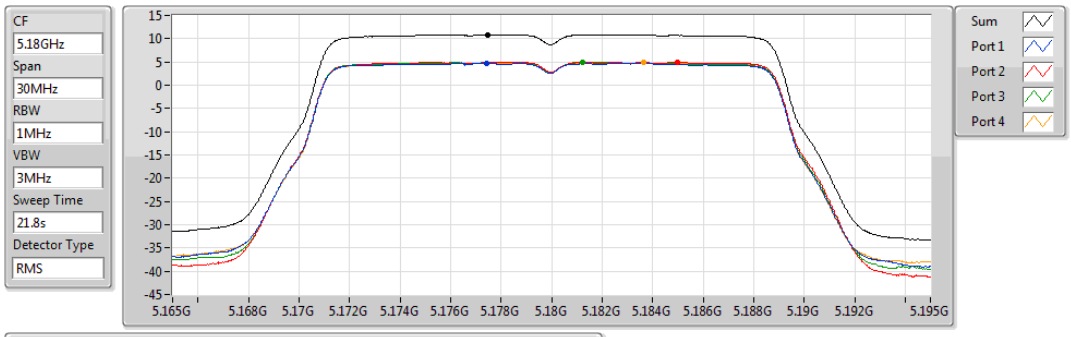
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	4.77	4.96	5.03	4.89	10.86	15.00	18.86	23.00
5200MHz	Pass	8.00	8.34	8.37	8.43	8.26	14.33	15.00	22.33	23.00
5240MHz	Pass	8.00	8.40	8.53	8.40	8.27	14.37	15.00	22.37	23.00
5745MHz	Pass	8.00	6.07	6.33	6.45	6.45	12.26	28.00	20.26	36.00
5785MHz	Pass	8.00	5.99	6.13	6.06	6.12	11.96	28.00	19.96	36.00
5825MHz	Pass	8.00	6.06	6.00	6.08	6.19	12.01	28.00	20.01	36.00
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	-1.55	-1.45	-1.37	-1.25	4.50	15.00	12.50	23.00
5230MHz	Pass	8.00	3.44	3.41	3.79	3.81	9.54	15.00	17.54	23.00
5755MHz	Pass	8.00	2.20	2.66	2.82	2.90	8.57	28.00	16.57	36.00
5795MHz	Pass	8.00	3.50	3.69	3.76	3.97	9.63	28.00	17.63	36.00
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-3.83	-3.33	-3.33	-3.39	2.44	15.00	10.44	23.00
5775MHz	Pass	8.00	-4.15	-3.59	-3.37	-3.52	2.30	28.00	10.30	36.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	4.69	5.06	4.96	4.90	10.91	15.00	18.91	23.00
5200MHz	Pass	8.00	8.27	8.34	8.28	8.27	14.27	15.00	22.27	23.00
5240MHz	Pass	8.00	8.12	8.48	8.24	8.22	14.25	15.00	22.25	23.00
5745MHz	Pass	8.00	5.84	6.14	6.26	6.32	12.14	28.00	20.14	36.00
5785MHz	Pass	8.00	5.71	5.77	5.95	5.98	11.84	28.00	19.84	36.00
5825MHz	Pass	8.00	5.81	5.78	6.03	6.12	11.94	28.00	19.94	36.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	-1.58	-1.44	-1.22	-1.40	4.54	15.00	12.54	23.00
5230MHz	Pass	8.00	3.47	3.35	3.75	3.52	9.49	15.00	17.49	23.00
5755MHz	Pass	8.00	2.14	2.53	2.83	2.66	8.47	28.00	16.47	36.00
5795MHz	Pass	8.00	3.40	3.58	3.79	3.77	9.55	28.00	17.55	36.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-3.74	-3.47	-3.43	-3.45	2.47	15.00	10.47	23.00
5775MHz	Pass	8.00	-3.97	-3.31	-3.47	-3.54	2.44	28.00	10.44	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_Nss4,(MCS0)_4TX PSD

5180MHz

27/09/2019

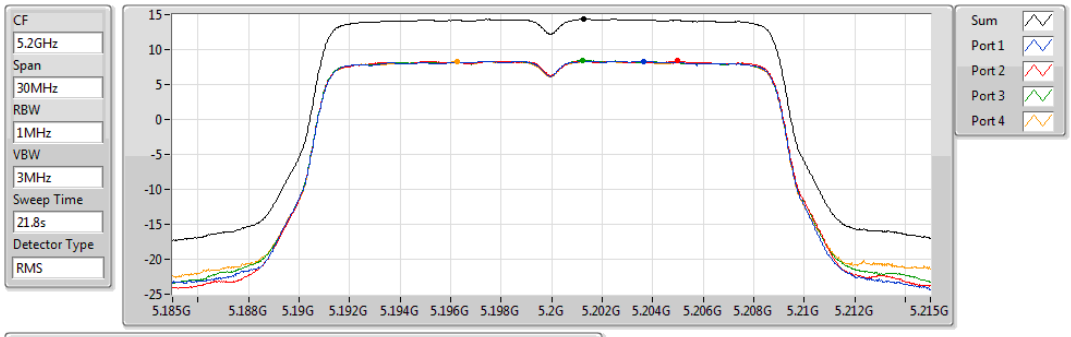


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.86	10.86	4.77	4.96	5.03	4.89

802.11ac VHT20_Nss4,(MCS0)_4TX PSD

5200MHz

31/10/2019

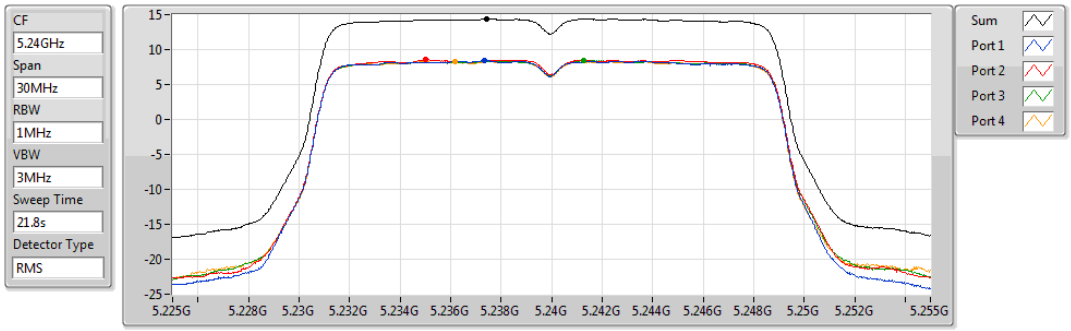


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.33	14.33	8.34	8.37	8.43	8.26

802.11ac VHT20_Nss4,(MCS0)_4TX PSD

5240MHz

31/10/2019

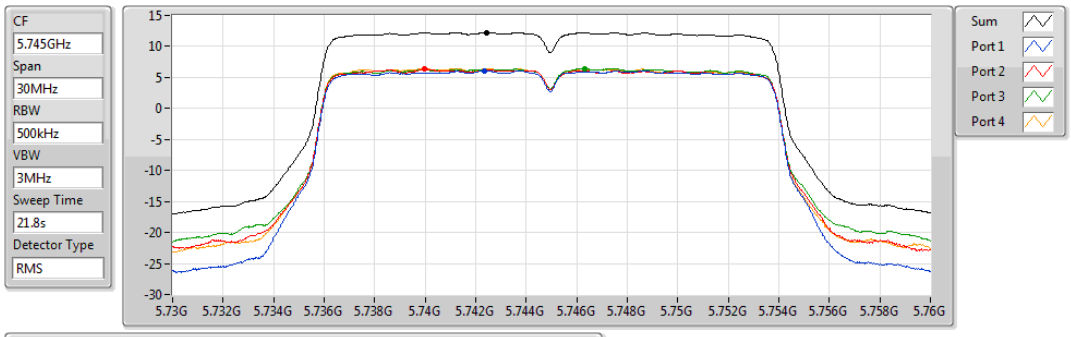


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.37	14.37	8.40	8.53	8.40	8.27

802.11ac VHT20_Nss4,(MCS0)_4TX PSD

5745MHz

27/09/2019

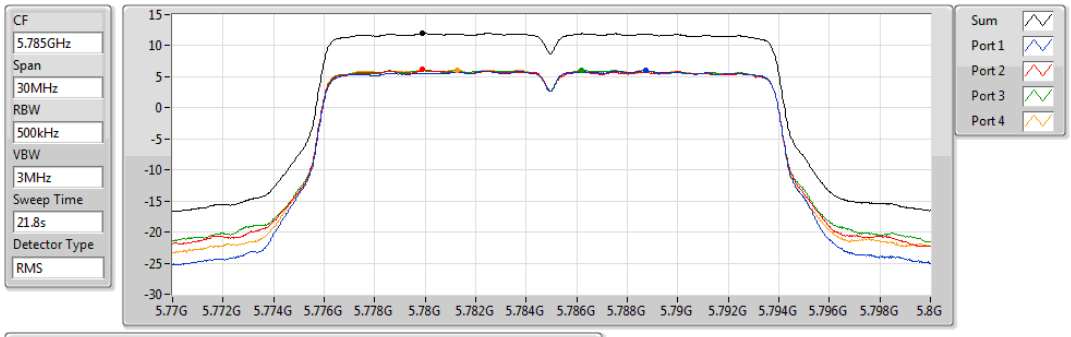


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.26	12.26	6.07	6.33	6.45	6.45

802.11ac VHT20_Nss4,(MCS0)_4TX PSD

5785MHz

27/09/2019

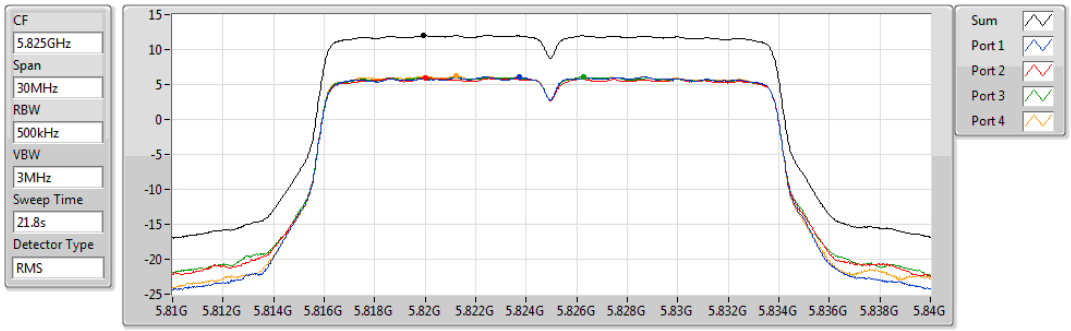


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.96	11.96	5.99	6.13	6.06	6.12

802.11ac VHT20_Nss4,(MCS0)_4TX PSD

5825MHz

27/09/2019

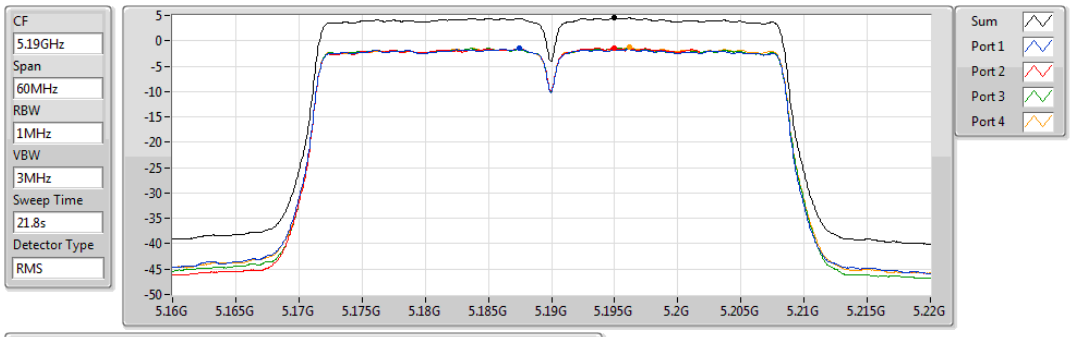


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.01	12.01	6.06	6.00	6.08	6.19

802.11ac VHT40_Nss4,(MCS0)_4TX PSD

5190MHz

27/09/2019

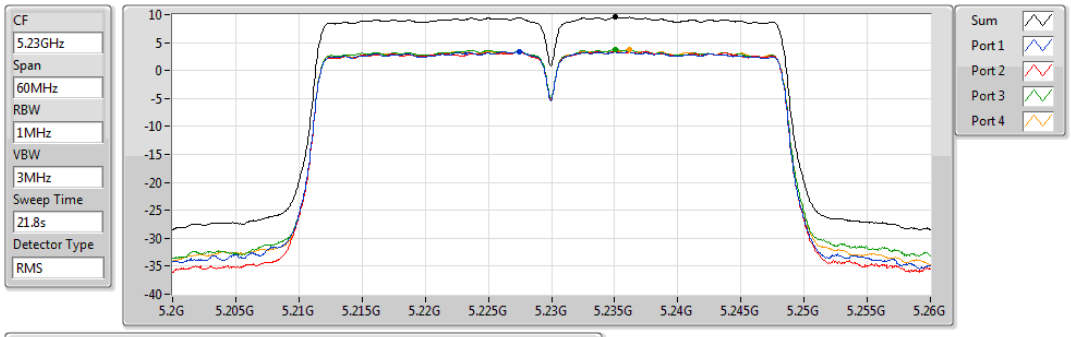


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.50	4.50	-1.55	-1.45	-1.37	-1.25

802.11ac VHT40_Nss4,(MCS0)_4TX PSD

5230MHz

31/10/2019

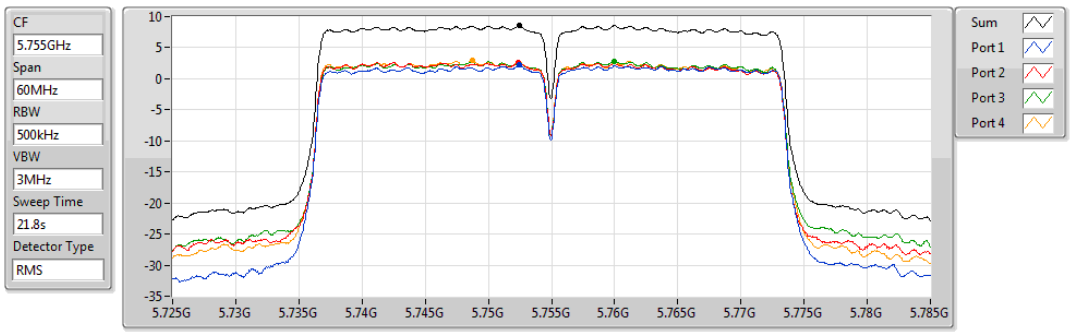


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.54	9.54	3.44	3.41	3.79	3.81

802.11ac VHT40_Nss4,(MCS0)_4TX PSD

5755MHz

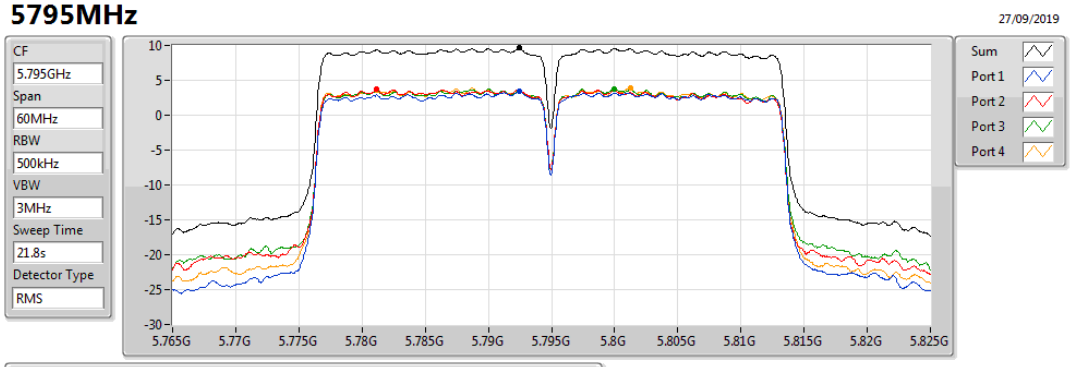
27/09/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.57	8.57	2.20	2.66	2.82	2.90

802.11ac VHT40_Nss4,(MCS0)_4TX PSD

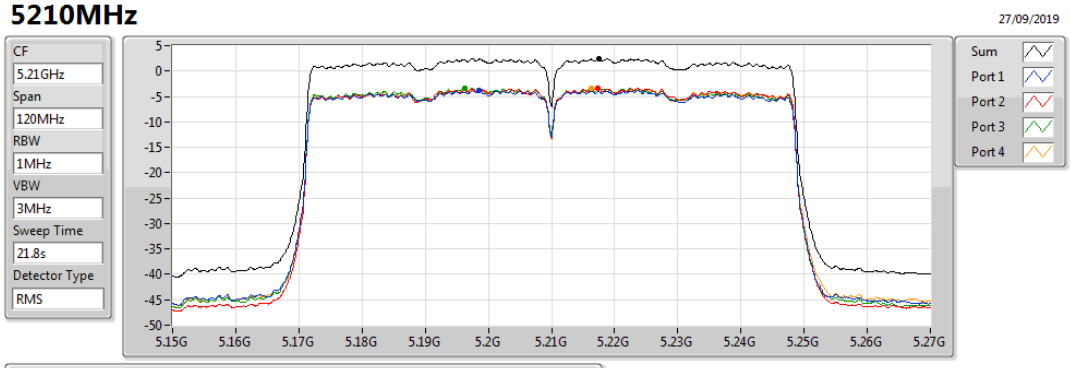
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.63	9.63	3.50	3.69	3.76	3.97

802.11ac VHT80_Nss4,(MCS0)_4TX PSD

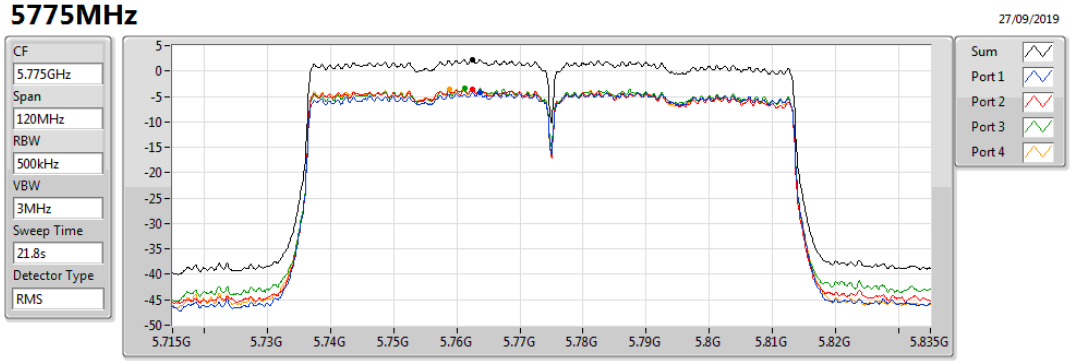
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.44	2.44	-3.83	-3.33	-3.33	-3.39

802.11ac VHT80_Nss4,(MCS0)_4TX PSD

5775MHz

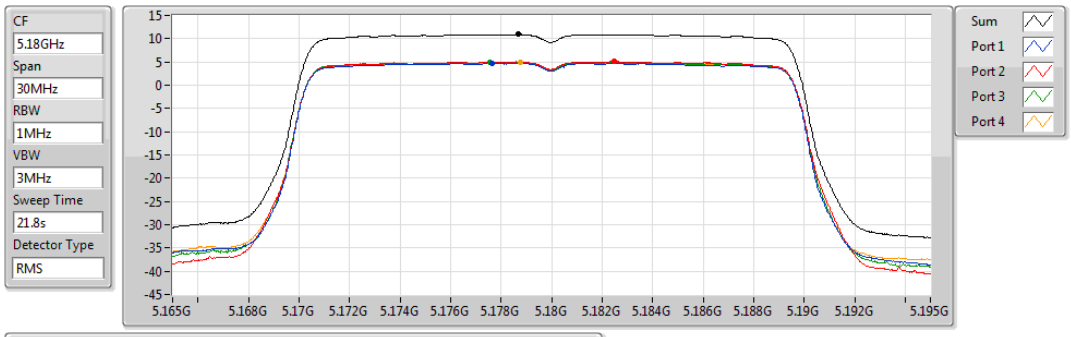


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.30	2.30	-4.15	-3.59	-3.37	-3.52

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5180MHz

27/09/2019

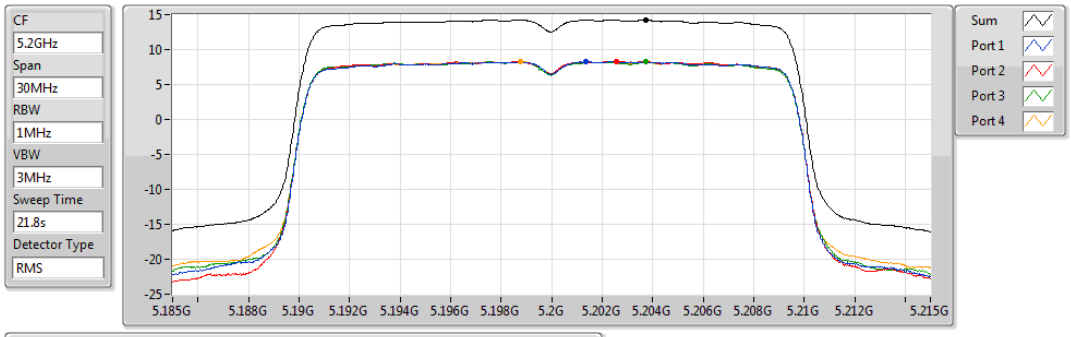


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.91	10.91	4.69	5.06	4.96	4.90

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5200MHz

31/10/2019

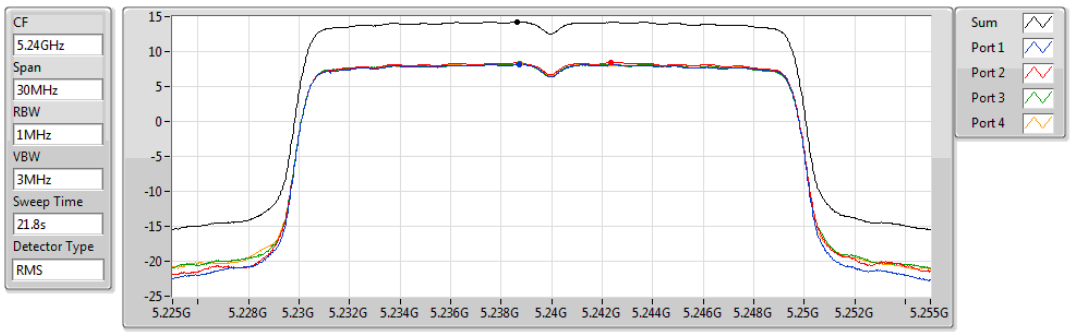


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.27	14.27	8.27	8.34	8.28	8.27

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5240MHz

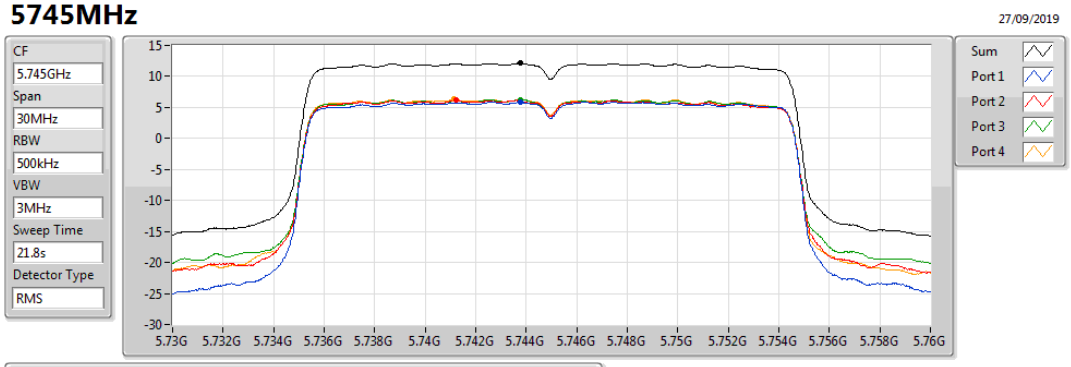
31/10/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.25	14.25	8.12	8.48	8.24	8.22

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

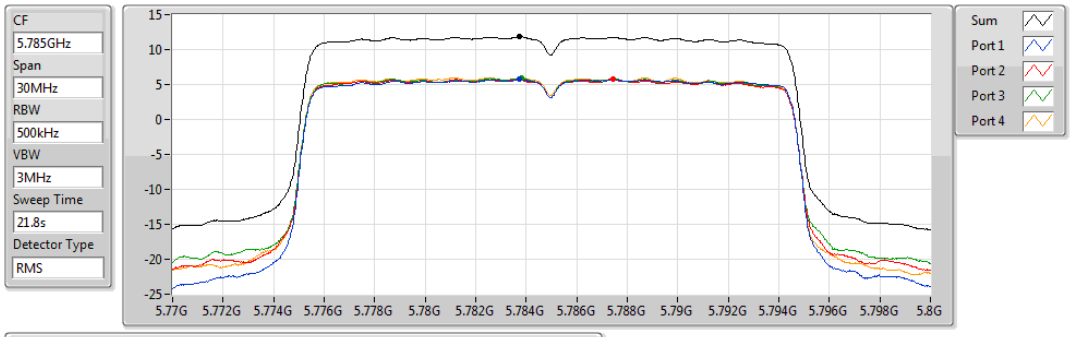
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.14	12.14	5.84	6.14	6.26	6.32

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

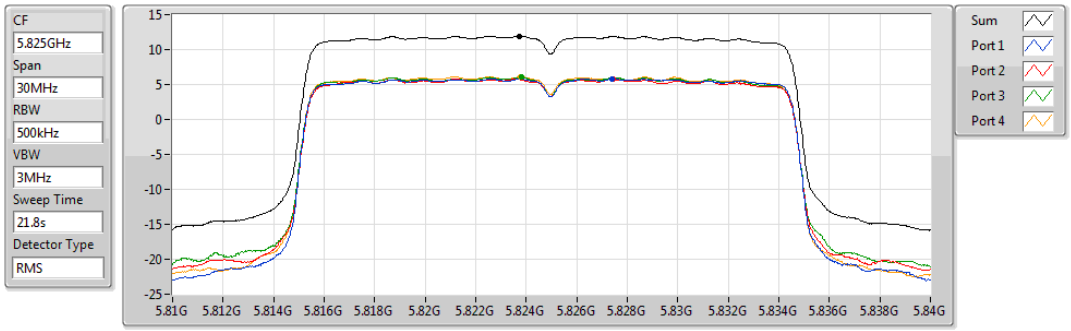
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.84	11.84	5.71	5.77	5.95	5.98

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5825MHz

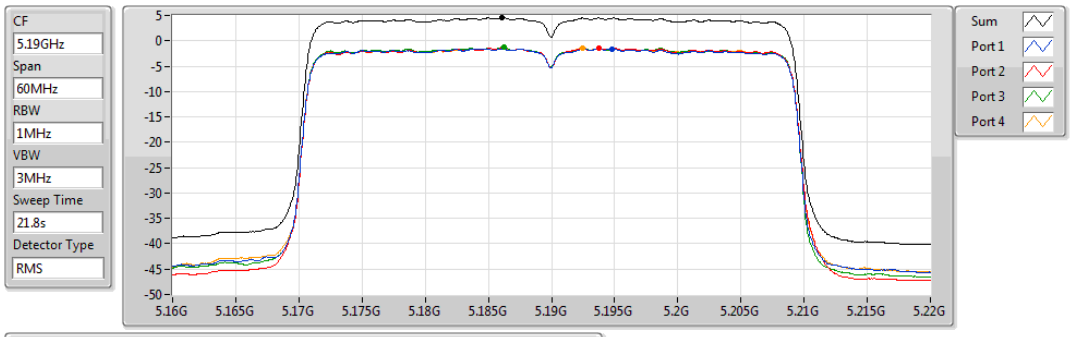


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.94	11.94	5.81	5.78	6.03	6.12

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5190MHz

27/09/2019

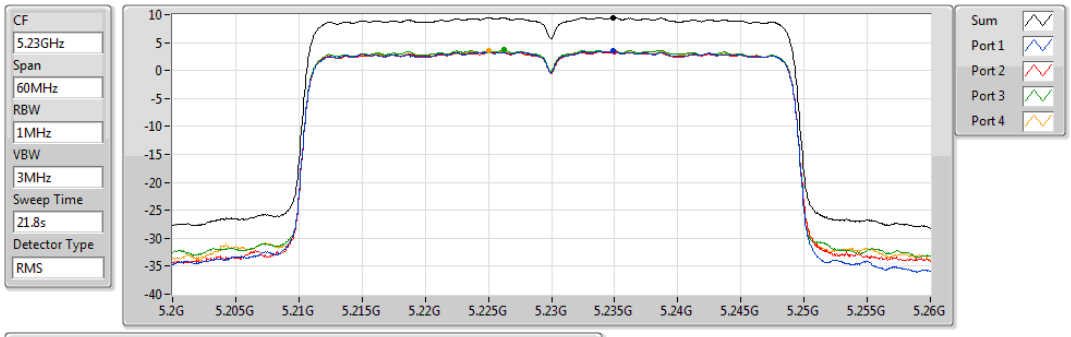


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.54	4.54	-1.58	-1.44	-1.22	-1.40

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5230MHz

31/10/2019

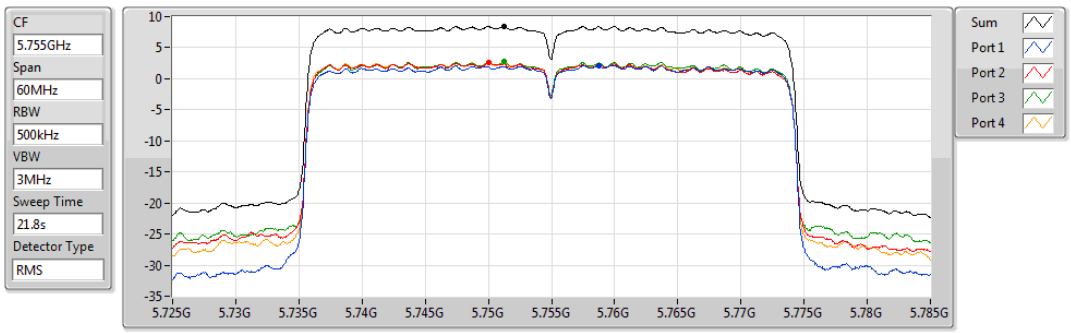


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.49	9.49	3.47	3.35	3.75	3.52

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5755MHz

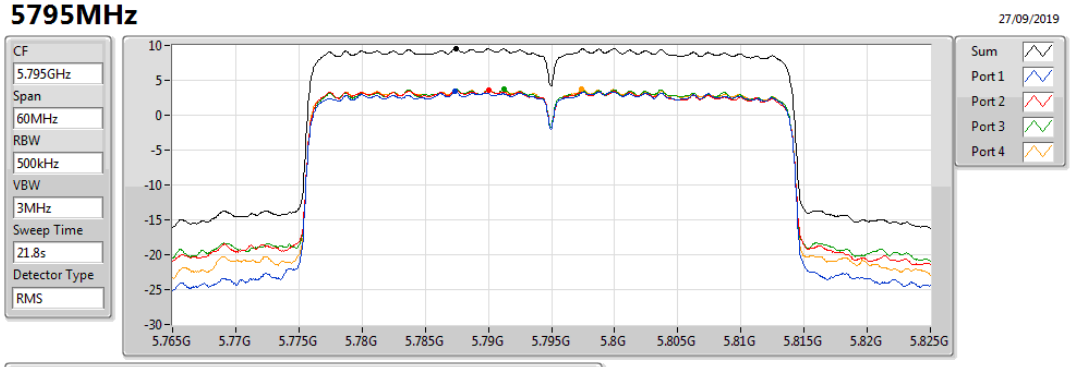
27/09/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.47	8.47	2.14	2.53	2.83	2.66

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

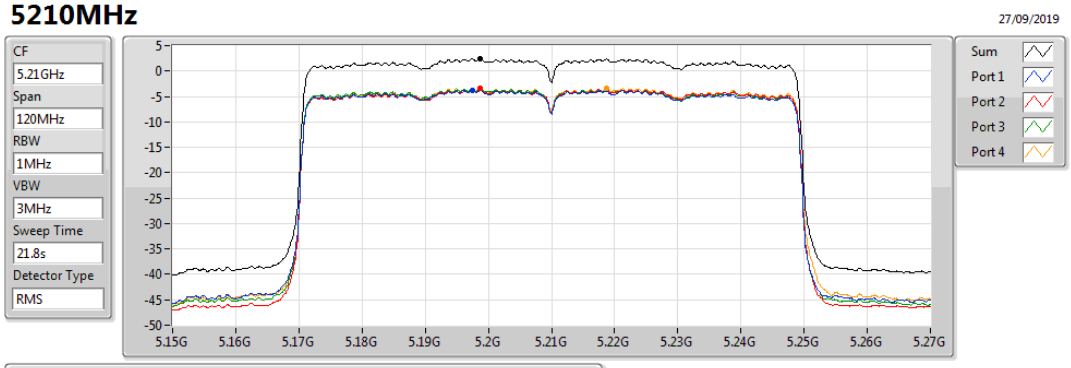
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.55	9.55	3.40	3.58	3.79	3.77

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

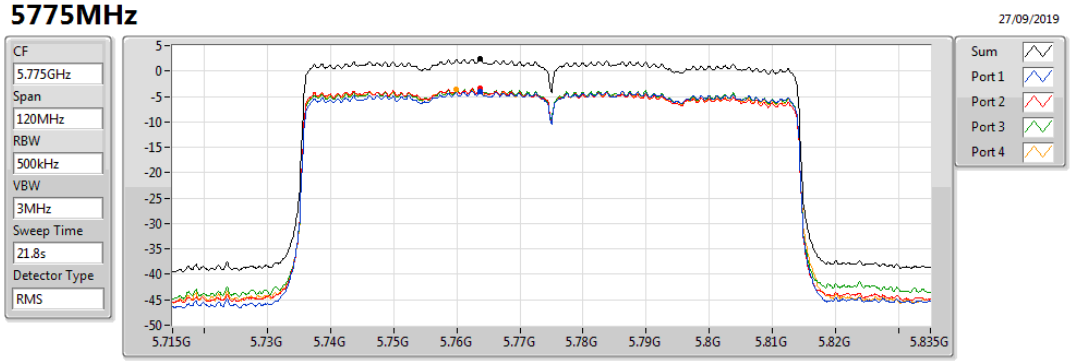
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.47	2.47	-3.74	-3.47	-3.43	-3.45

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.44	2.44	-3.97	-3.31	-3.47	-3.54

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	11.53	22.23
802.11ac VHT20_Nss1,(MCS0)_1TX	11.17	21.87
802.11ac VHT40_Nss1,(MCS0)_1TX	7.70	18.40
802.11ac VHT80_Nss1,(MCS0)_1TX	0.66	11.36
802.11ax HEW20_Nss1,(MCS0)_1TX	11.05	21.75
802.11ax HEW40_Nss1,(MCS0)_1TX	7.69	18.39
802.11ax HEW80_Nss1,(MCS0)_1TX	0.84	11.54
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.54	20.24
802.11ac VHT20_Nss1,(MCS0)_1TX	9.39	20.09
802.11ac VHT40_Nss1,(MCS0)_1TX	6.21	16.91
802.11ac VHT80_Nss1,(MCS0)_1TX	-1.77	8.93
802.11ax HEW20_Nss1,(MCS0)_1TX	8.91	19.61
802.11ax HEW40_Nss1,(MCS0)_1TX	6.48	17.18
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.45	9.25

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

Result

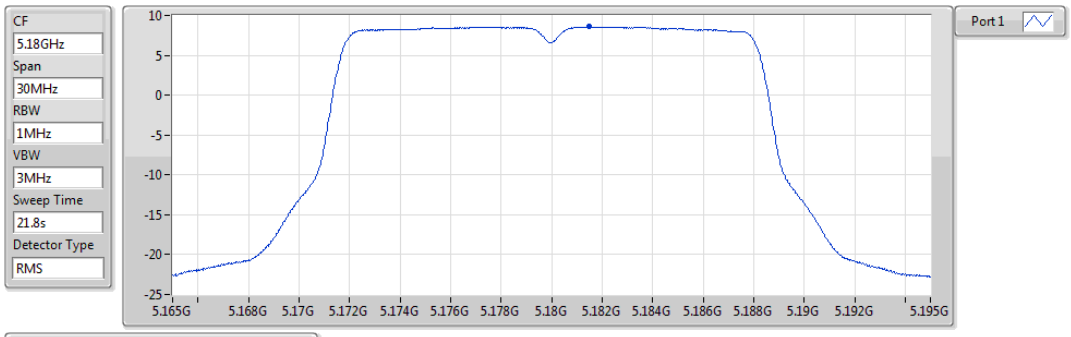
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	8.57	8.57	12.30	19.27	23.00
5200MHz_TnomVnom	Pass	10.70	11.53	11.53	12.30	22.23	23.00
5240MHz_TnomVnom	Pass	10.70	11.52	11.52	12.30	22.22	23.00
5745MHz_TnomVnom	Pass	10.70	9.38	9.38	25.30	20.08	36.00
5785MHz_TnomVnom	Pass	10.70	9.50	9.50	25.30	20.20	36.00
5825MHz_TnomVnom	Pass	10.70	9.54	9.54	25.30	20.24	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	7.49	7.49	12.30	18.19	23.00
5200MHz_TnomVnom	Pass	10.70	11.17	11.17	12.30	21.87	23.00
5240MHz_TnomVnom	Pass	10.70	11.10	11.10	12.30	21.80	23.00
5745MHz_TnomVnom	Pass	10.70	9.33	9.33	25.30	20.03	36.00
5785MHz_TnomVnom	Pass	10.70	9.39	9.39	25.30	20.09	36.00
5825MHz_TnomVnom	Pass	10.70	9.39	9.39	25.30	20.09	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	10.70	3.35	3.35	12.30	14.05	23.00
5230MHz_TnomVnom	Pass	10.70	7.70	7.70	12.30	18.40	23.00
5755MHz_TnomVnom	Pass	10.70	4.87	4.87	25.30	15.57	36.00
5795MHz_TnomVnom	Pass	10.70	6.21	6.21	25.30	16.91	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	10.70	0.66	0.66	12.30	11.36	23.00
5775MHz_TnomVnom	Pass	10.70	-1.77	-1.77	25.30	8.93	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	7.48	7.48	12.30	18.18	23.00
5200MHz_TnomVnom	Pass	10.70	10.93	10.93	12.30	21.63	23.00
5240MHz_TnomVnom	Pass	10.70	11.05	11.05	12.30	21.75	23.00
5745MHz_TnomVnom	Pass	10.70	8.91	8.91	25.30	19.61	36.00
5785MHz_TnomVnom	Pass	10.70	8.89	8.89	25.30	19.59	36.00
5825MHz_TnomVnom	Pass	10.70	8.86	8.86	25.30	19.56	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	10.70	3.42	3.42	12.30	14.12	23.00
5230MHz_TnomVnom	Pass	10.70	7.69	7.69	12.30	18.39	23.00
5755MHz_TnomVnom	Pass	10.70	5.27	5.27	25.30	15.97	36.00
5795MHz_TnomVnom	Pass	10.70	6.48	6.48	25.30	17.18	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	10.70	0.84	0.84	12.30	11.54	23.00
5775MHz_TnomVnom	Pass	10.70	-1.45	-1.45	25.30	9.25	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

31/10/2019

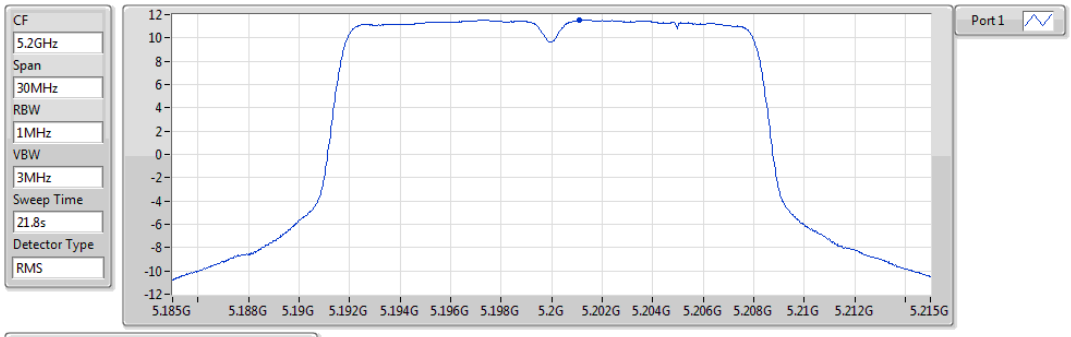


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.57	8.57	8.57

802.11a_Nss1,(6Mbps)_1TX PSD

5200MHz

31/10/2019

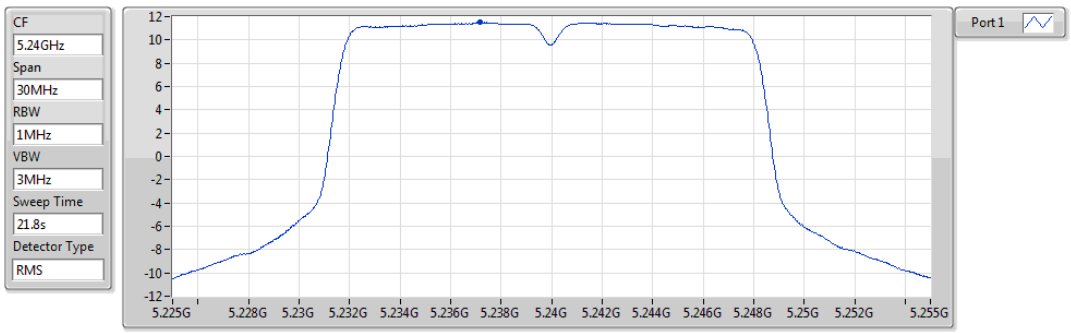


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.53	11.53	11.53

802.11a_Nss1,(6Mbps)_1TX PSD

5240MHz

31/10/2019

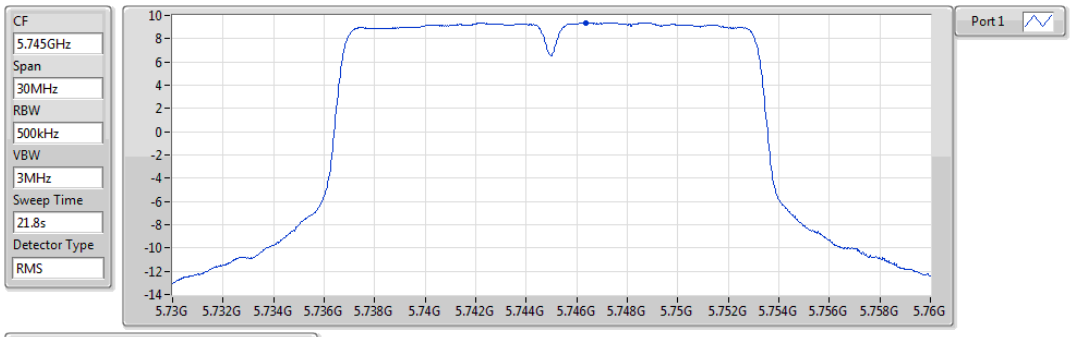


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.52	11.52	11.52

802.11a_Nss1,(6Mbps)_1TX PSD

5745MHz

20/09/2019

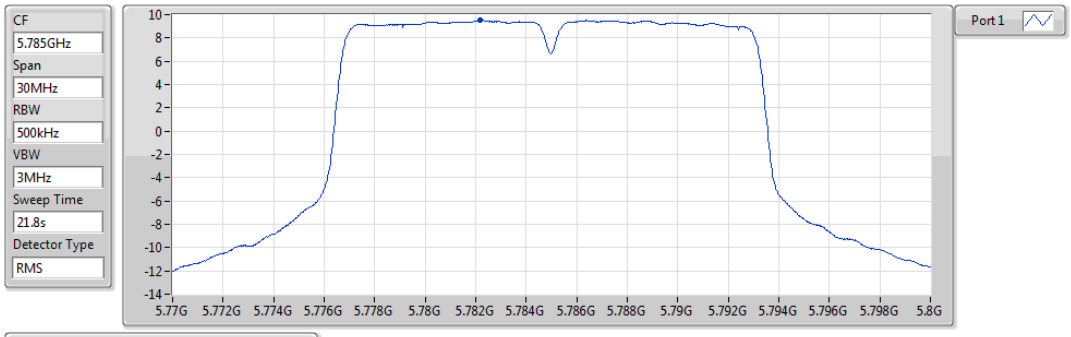


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.38	9.38	9.38

802.11a_Nss1,(6Mbps)_1TX PSD

5785MHz

20/09/2019

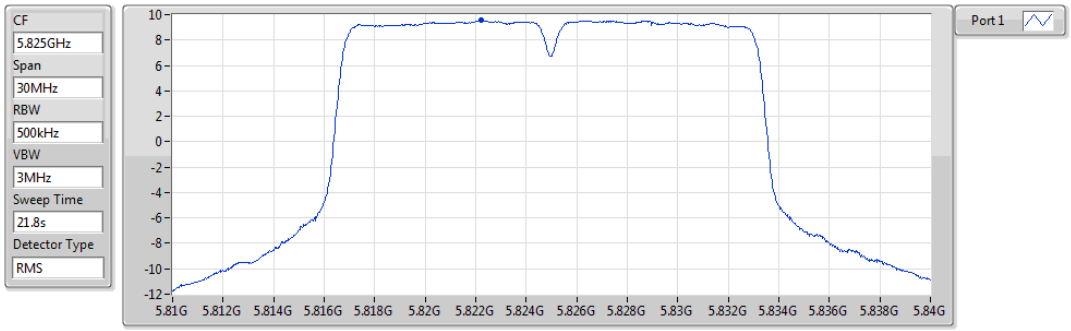


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.50	9.50	9.50

802.11a_Nss1,(6Mbps)_1TX PSD

5825MHz

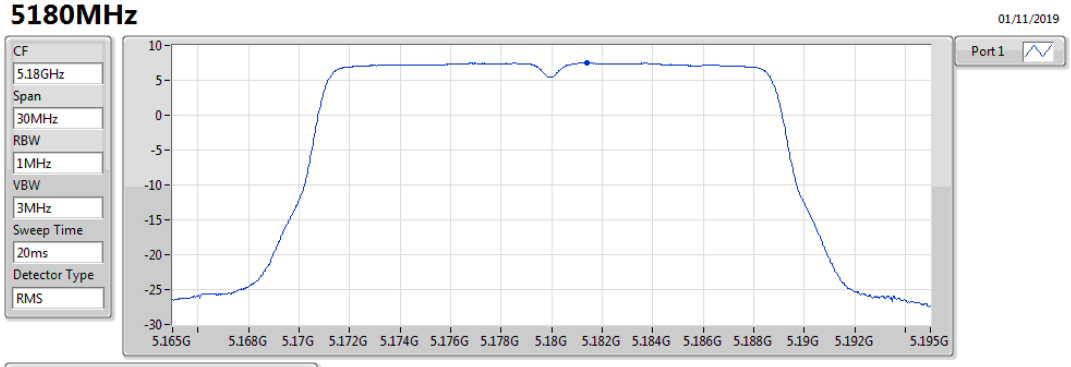
20/09/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.54	9.54	9.54

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

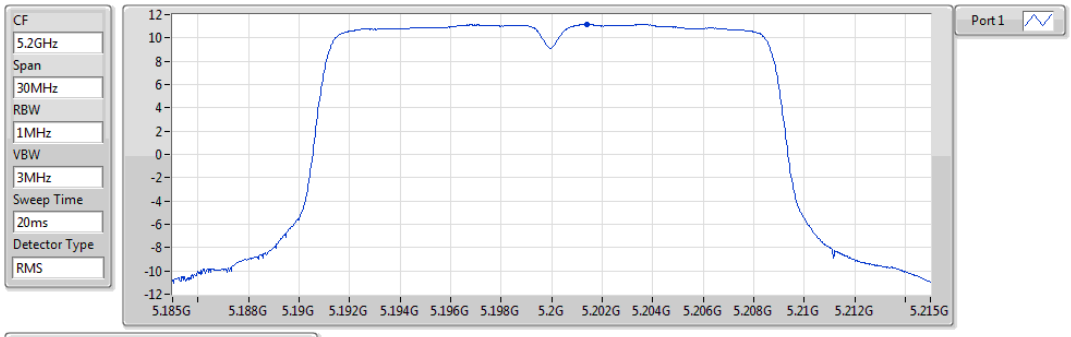
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.49	7.49	7.49

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

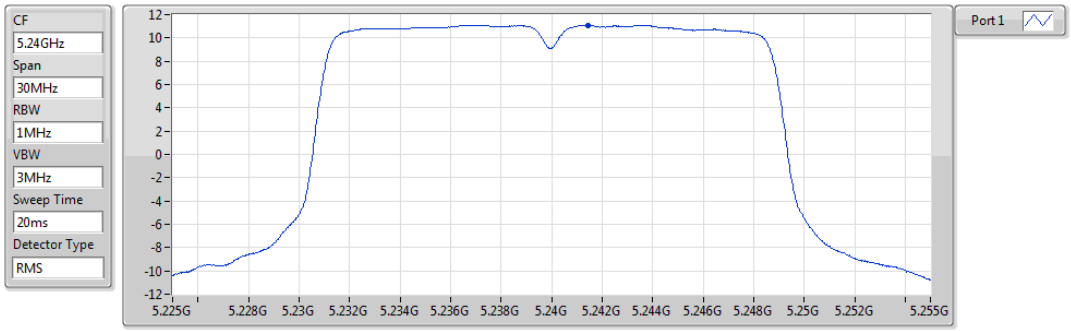
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.17	11.17	11.17

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

5240MHz

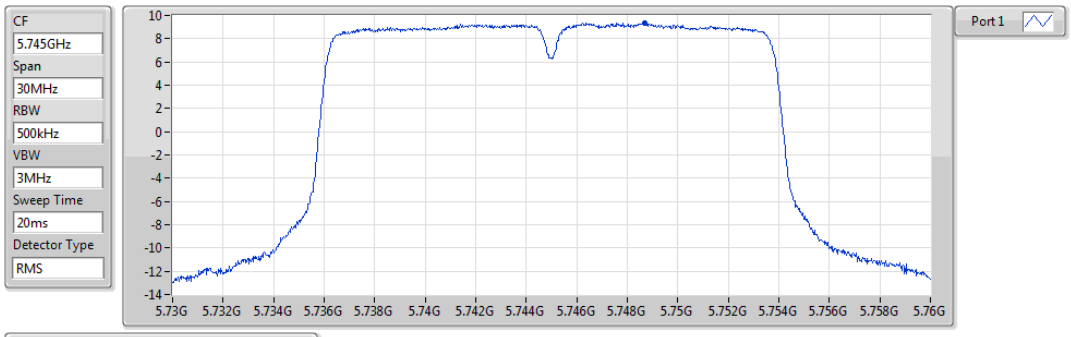


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.10	11.10	11.10

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

5745MHz

20/09/2019

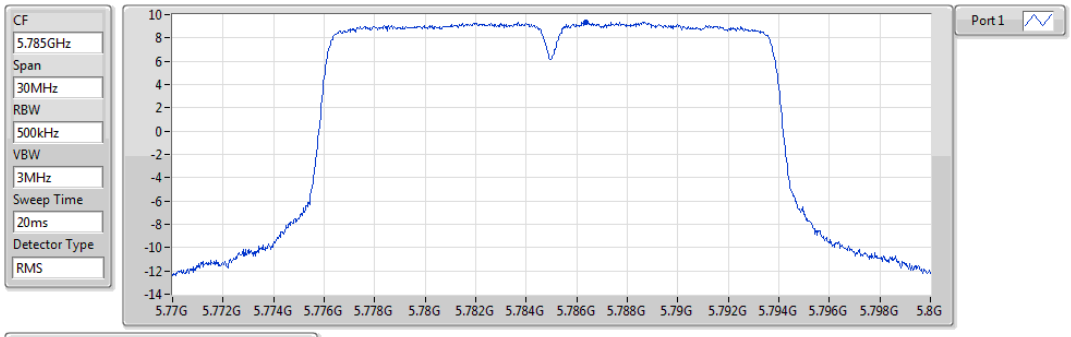


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.33	9.33	9.33

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

5785MHz

20/09/2019

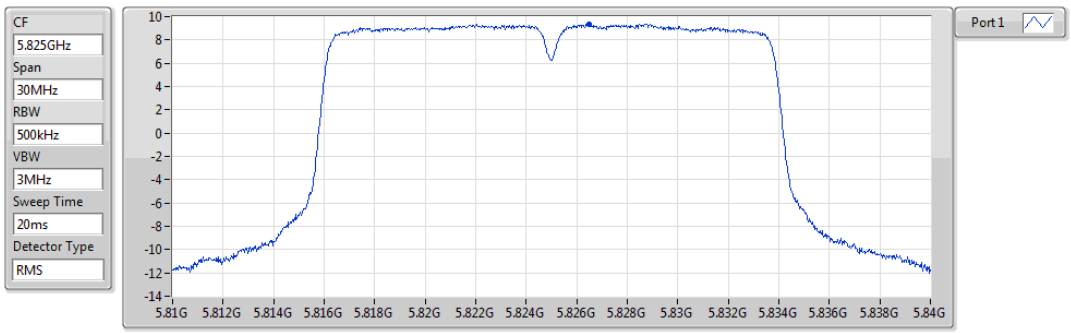


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.39	9.39	9.39

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

5825MHz

20/09/2019

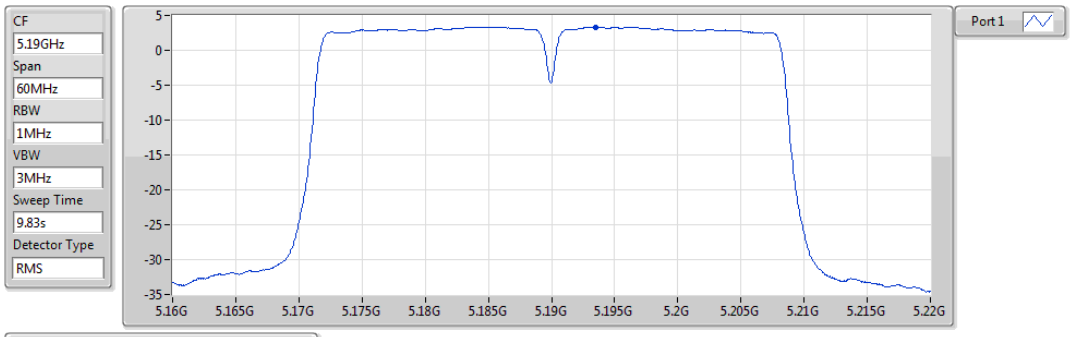


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.39	9.39	9.39

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

5190MHz

01/11/2019

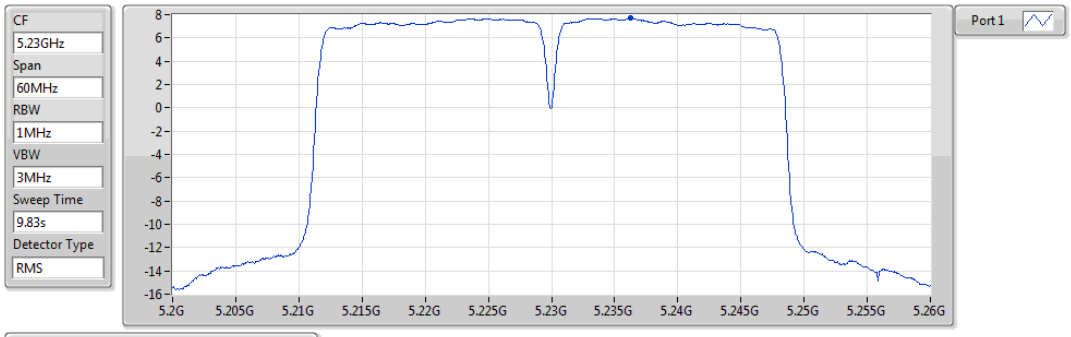


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.35	3.35	3.35

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

5230MHz

01/11/2019

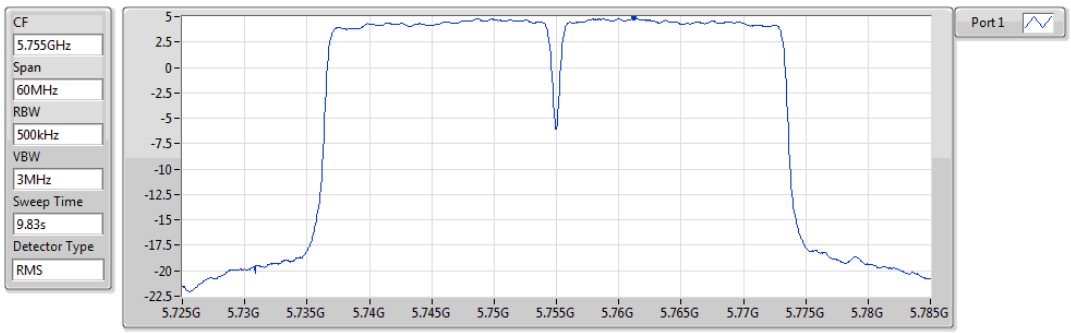


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.70	7.70	7.70

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

5755MHz

20/09/2019

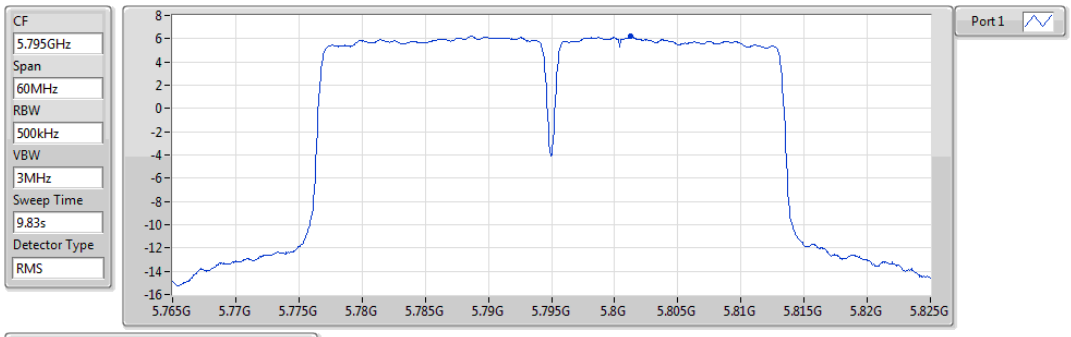


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.87	4.87	4.87

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

5795MHz

20/09/2019

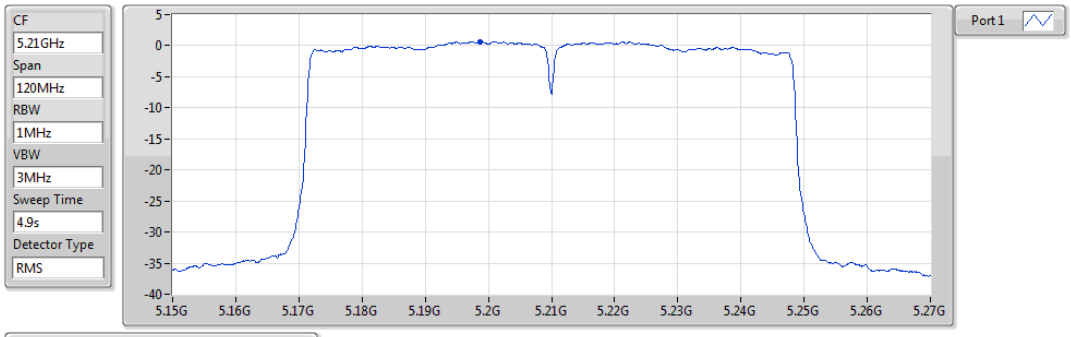


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.21	6.21	6.21

802.11ac VHT80_Nss1,(MCS0)_1TX PSD

5210MHz

01/11/2019

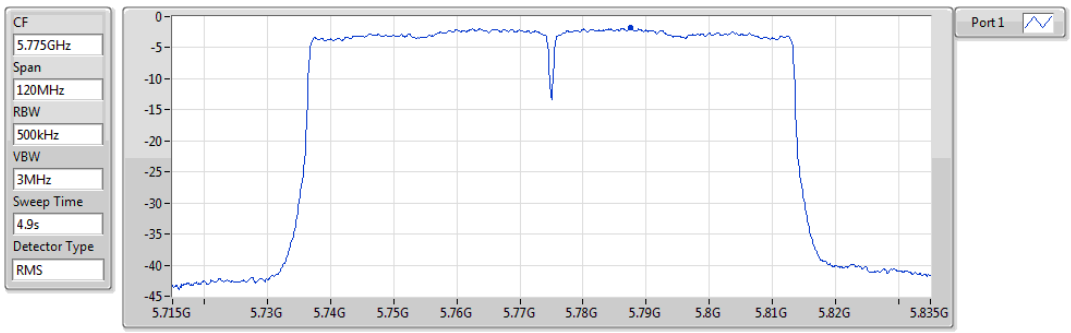


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.66	0.66	0.66

802.11ac VHT80_Nss1,(MCS0)_1TX PSD

5775MHz

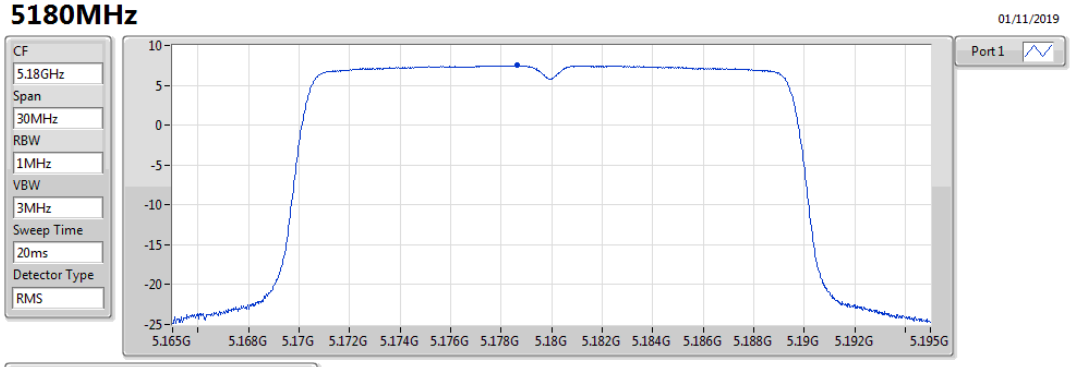
20/09/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.77	-1.77	-1.77

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

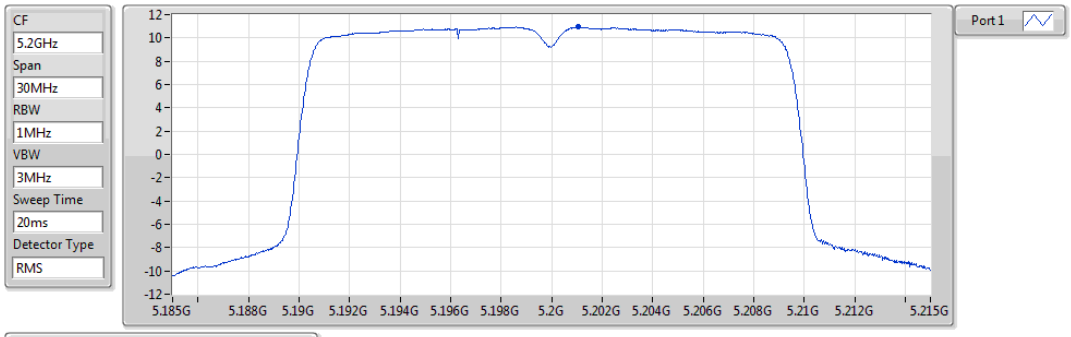
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.48	7.48	7.48

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

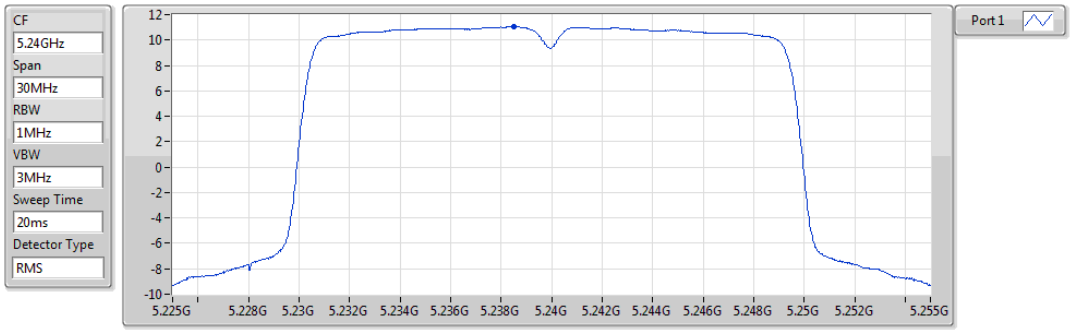
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.93	10.93	10.93

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

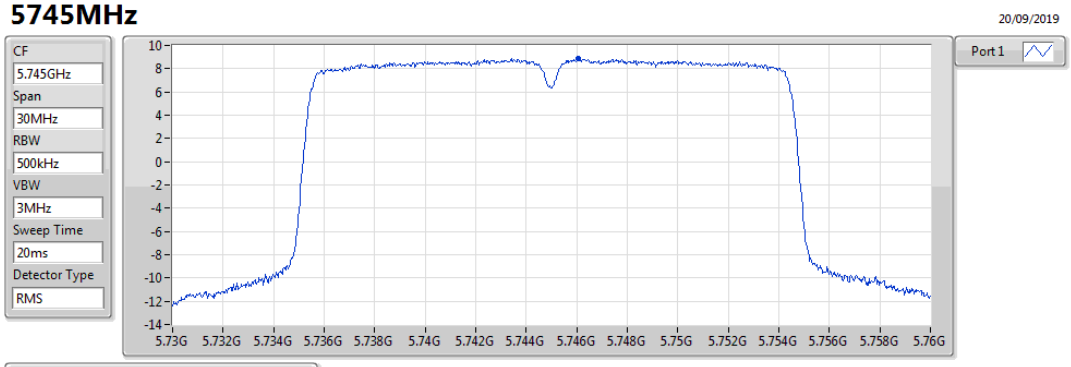
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.05	11.05	11.05

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

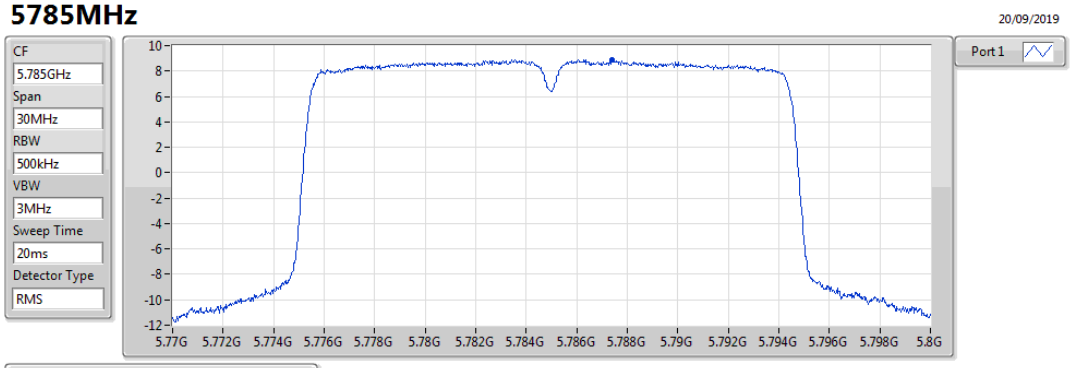
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.91	8.91	8.91

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

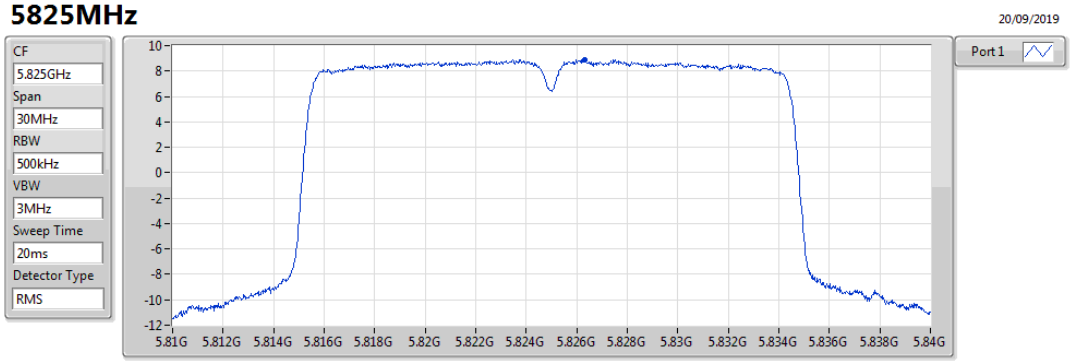
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.89	8.89	8.89

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

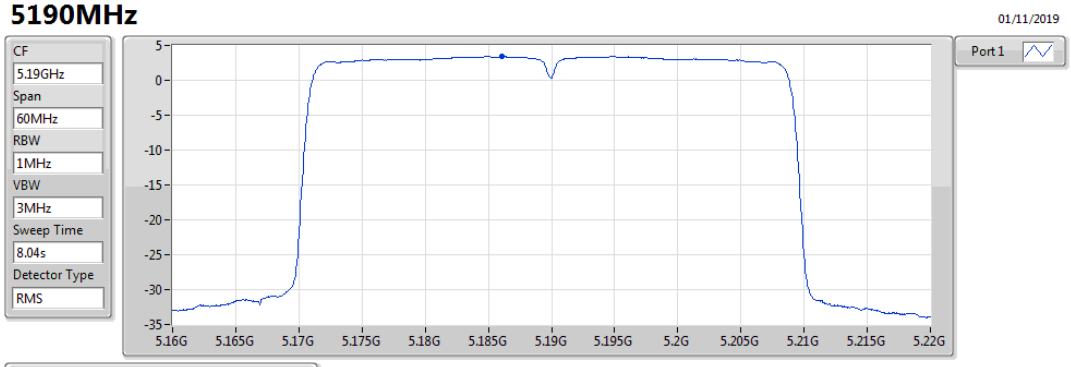
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.86	8.86	8.86

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

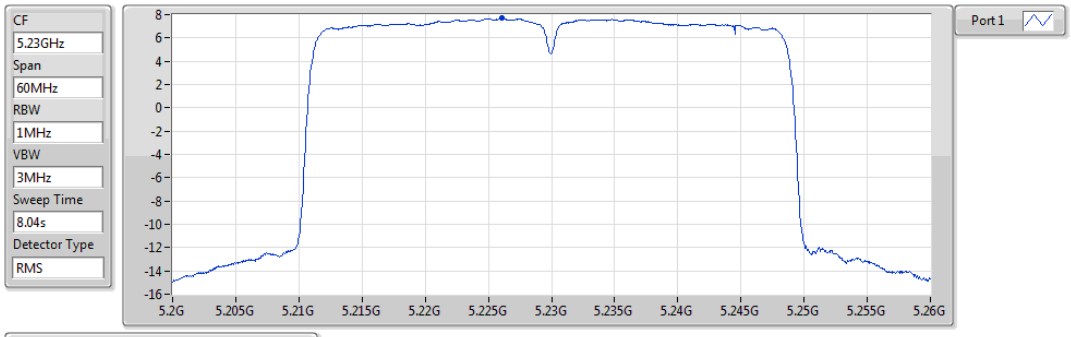
5190MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.42	3.42	3.42

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

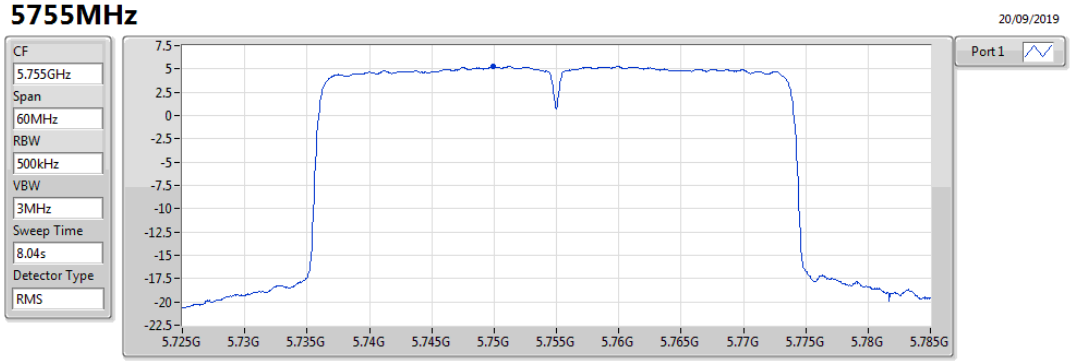
5230MHz



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

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5755MHz

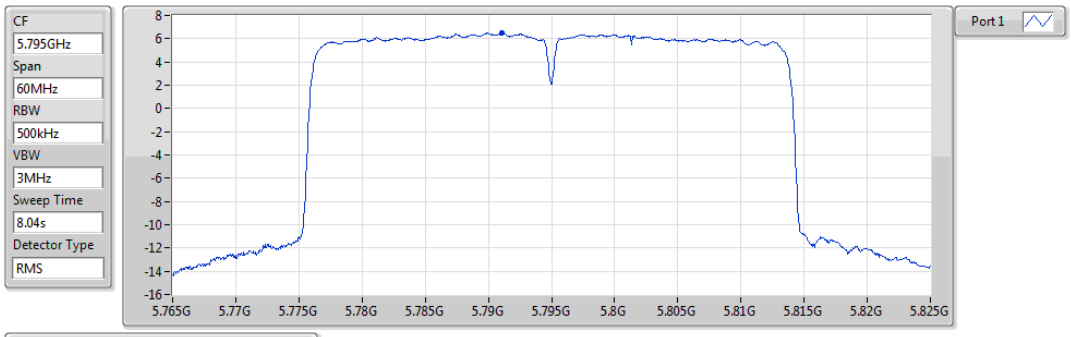


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.27	5.27	5.27

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5795MHz

20/09/2019

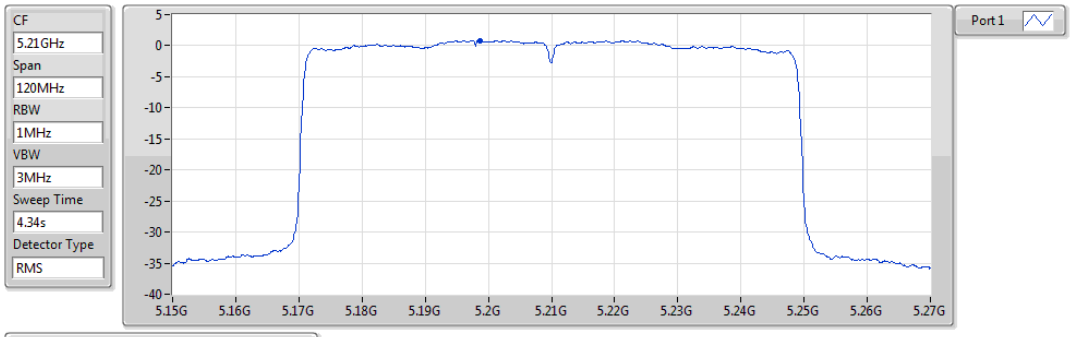


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.48	6.48	6.48

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

5210MHz

01/11/2019

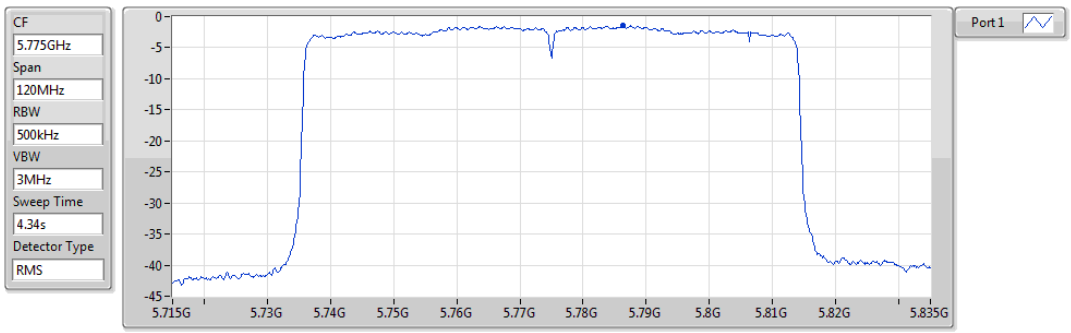


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.84	0.84	0.84

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

5775MHz

20/09/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.45	-1.45	-1.45

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.09	22.80
802.11ac VHT20_Nss2,(MCS0)_2TX	11.33	22.03
802.11ac VHT40_Nss2,(MCS0)_2TX	8.28	18.98
802.11ac VHT80_Nss2,(MCS0)_2TX	3.33	14.03
802.11ax HEW20_Nss2,(MCS0)_2TX	11.27	21.97
802.11ax HEW40_Nss2,(MCS0)_2TX	8.32	19.02
802.11ax HEW80_Nss2,(MCS0)_2TX	3.44	14.14
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.91	35.62
802.11ac VHT20_Nss2,(MCS0)_2TX	23.57	34.27
802.11ac VHT40_Nss2,(MCS0)_2TX	20.67	31.37
802.11ac VHT80_Nss2,(MCS0)_2TX	15.52	26.22
802.11ax HEW20_Nss2,(MCS0)_2TX	23.34	34.04
802.11ax HEW40_Nss2,(MCS0)_2TX	20.70	31.40
802.11ax HEW80_Nss2,(MCS0)_2TX	15.62	26.32

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

Result

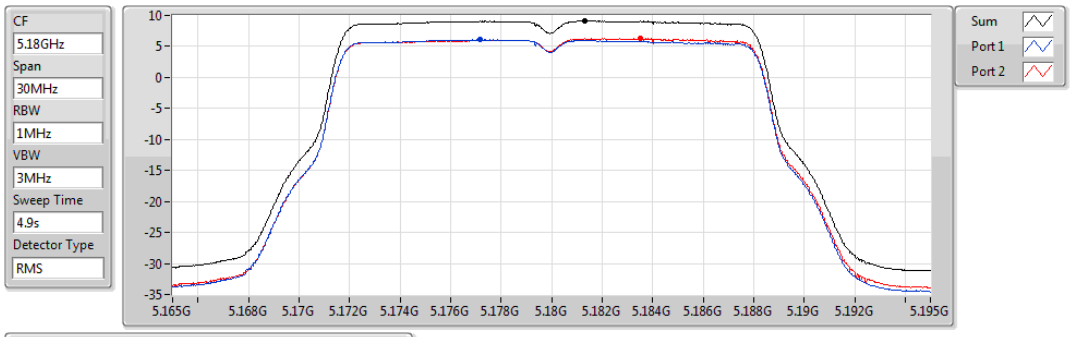
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	13.71	6.11	6.30	9.09	9.29	22.80	23.00
5200MHz_TnomVnom	Pass	13.71	5.97	6.27	9.04	9.29	22.75	23.00
5240MHz_TnomVnom	Pass	13.71	5.95	6.13	8.99	9.29	22.70	23.00
5745MHz_TnomVnom	Pass	13.71	18.71	19.11	21.89	22.29	35.60	36.00
5785MHz_TnomVnom	Pass	13.71	18.77	19.24	21.91	22.29	35.62	36.00
5825MHz_TnomVnom	Pass	13.71	18.58	18.87	21.69	22.29	35.40	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	7.18	7.48	10.27	12.30	20.97	23.00
5200MHz_TnomVnom	Pass	10.70	8.21	8.51	11.33	12.30	22.03	23.00
5240MHz_TnomVnom	Pass	10.70	8.02	8.28	11.13	12.30	21.83	23.00
5745MHz_TnomVnom	Pass	10.70	20.26	20.95	23.57	25.30	34.27	36.00
5785MHz_TnomVnom	Pass	10.70	20.20	20.66	23.39	25.30	34.09	36.00
5825MHz_TnomVnom	Pass	10.70	20.30	20.87	23.54	25.30	34.24	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	10.70	2.41	2.35	5.32	12.30	16.02	23.00
5230MHz_TnomVnom	Pass	10.70	5.32	5.34	8.28	12.30	18.98	23.00
5755MHz_TnomVnom	Pass	10.70	17.26	18.08	20.59	25.30	31.29	36.00
5795MHz_TnomVnom	Pass	10.70	17.37	18.08	20.67	25.30	31.37	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	10.70	0.33	0.45	3.33	12.30	14.03	23.00
5775MHz_TnomVnom	Pass	10.70	12.13	12.92	15.52	25.30	26.22	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	10.70	7.07	7.29	10.18	12.30	20.88	23.00
5200MHz_TnomVnom	Pass	10.70	8.13	8.45	11.27	12.30	21.97	23.00
5240MHz_TnomVnom	Pass	10.70	7.88	8.19	11.01	12.30	21.71	23.00
5745MHz_TnomVnom	Pass	10.70	20.06	20.59	23.34	25.30	34.04	36.00
5785MHz_TnomVnom	Pass	10.70	19.93	20.50	23.23	25.30	33.93	36.00
5825MHz_TnomVnom	Pass	10.70	20.16	20.48	23.33	25.30	34.03	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	10.70	2.36	2.46	5.39	12.30	16.09	23.00
5230MHz_TnomVnom	Pass	10.70	5.28	5.41	8.32	12.30	19.02	23.00
5755MHz_TnomVnom	Pass	10.70	17.03	18.12	20.58	25.30	31.28	36.00
5795MHz_TnomVnom	Pass	10.70	17.29	18.12	20.70	25.30	31.40	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	10.70	0.57	0.43	3.44	12.30	14.14	23.00
5775MHz_TnomVnom	Pass	10.70	12.26	13.03	15.62	25.30	26.32	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

01/11/2019

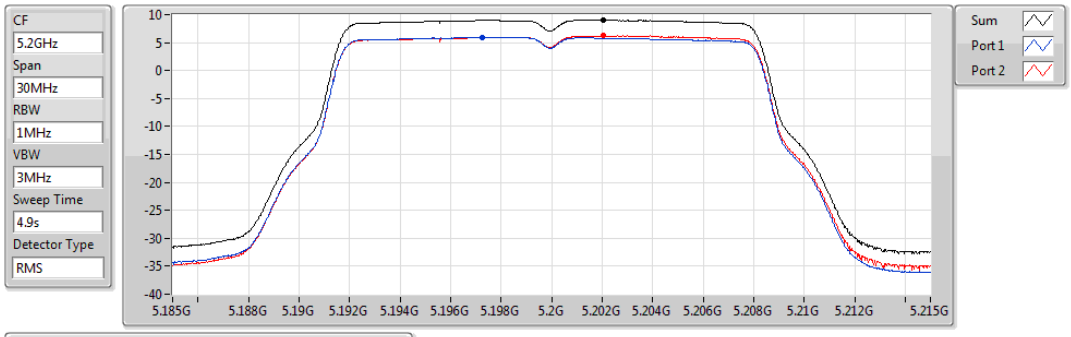


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.09	9.09	6.11	6.30

802.11a_Nss1,(6Mbps)_2TX PSD

5200MHz

01/11/2019

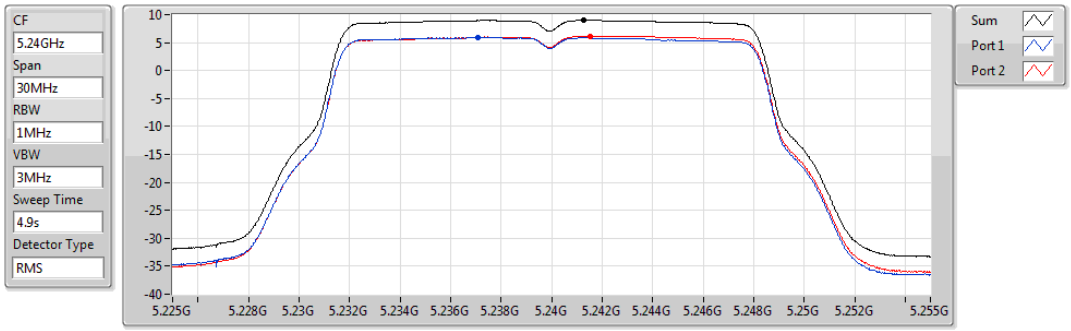


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.04	9.04	5.97	6.27

802.11a_Nss1,(6Mbps)_2TX PSD

5240MHz

01/11/2019

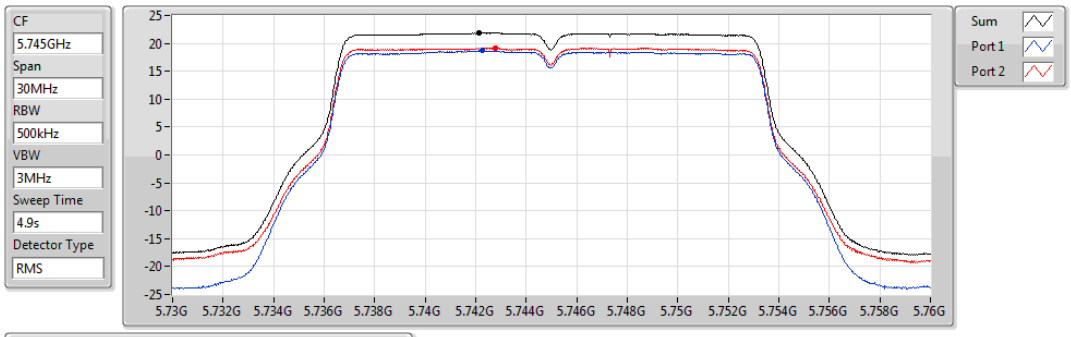


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.99	8.99	5.95	6.13

802.11a_Nss1,(6Mbps)_2TX PSD

5745MHz

24/09/2019

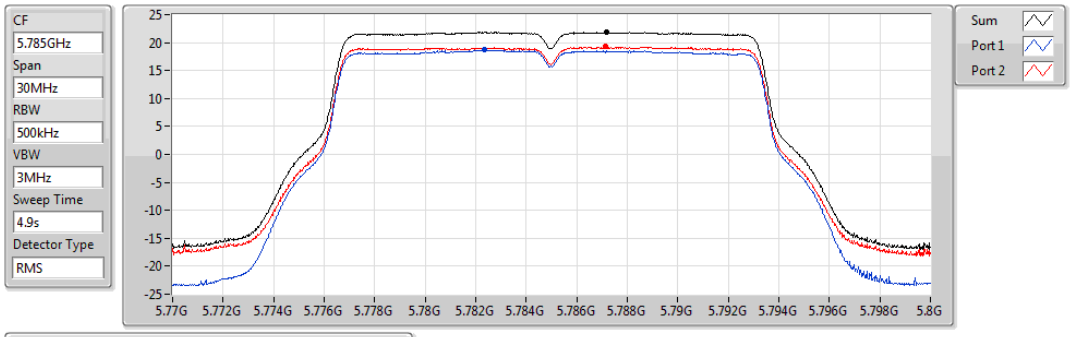


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
21.89	21.89	18.71	19.11

802.11a_Nss1,(6Mbps)_2TX PSD

5785MHz

24/09/2019

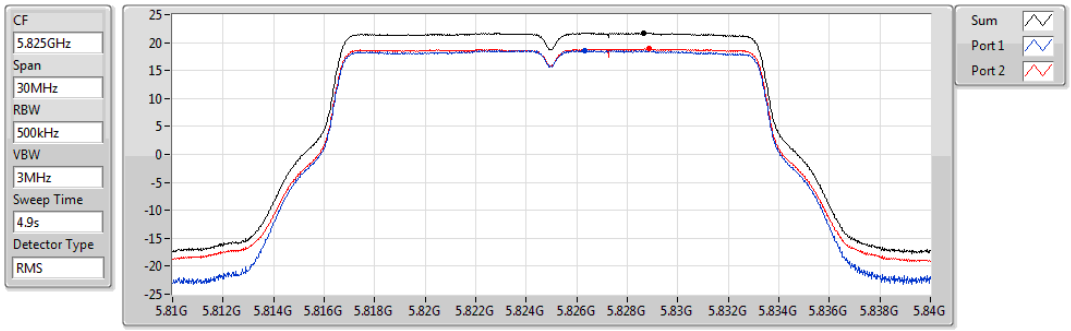


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
21.91	21.91	18.77	19.24

802.11a_Nss1,(6Mbps)_2TX PSD

5825MHz

24/09/2019

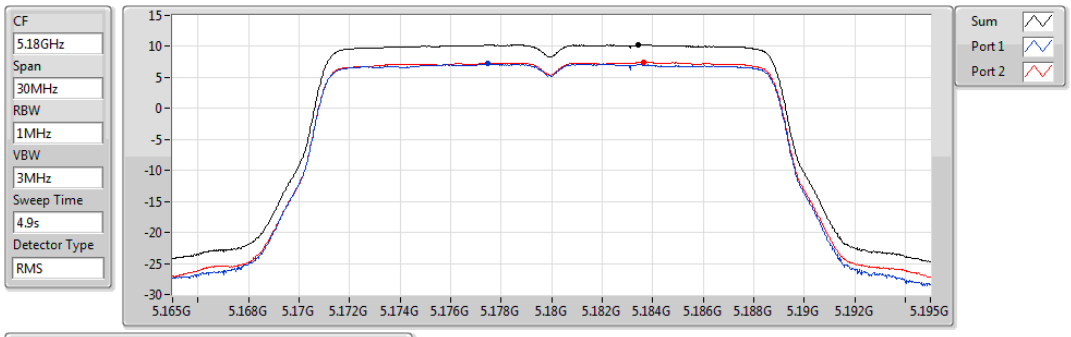


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
21.69	21.69	18.58	18.87

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5180MHz

01/11/2019

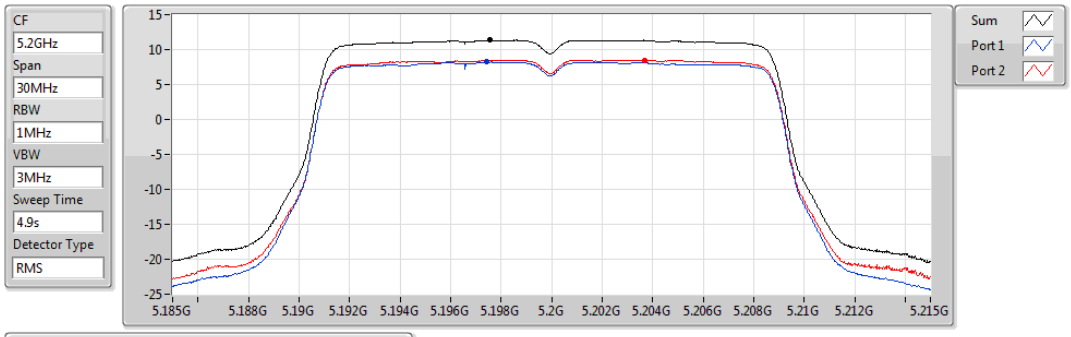


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.27	10.27	7.18	7.48

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5200MHz

01/11/2019

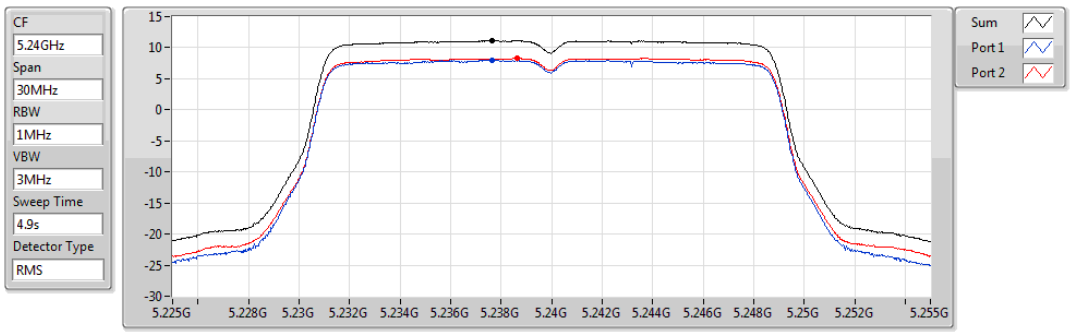


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.33	11.33	8.21	8.51

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5240MHz

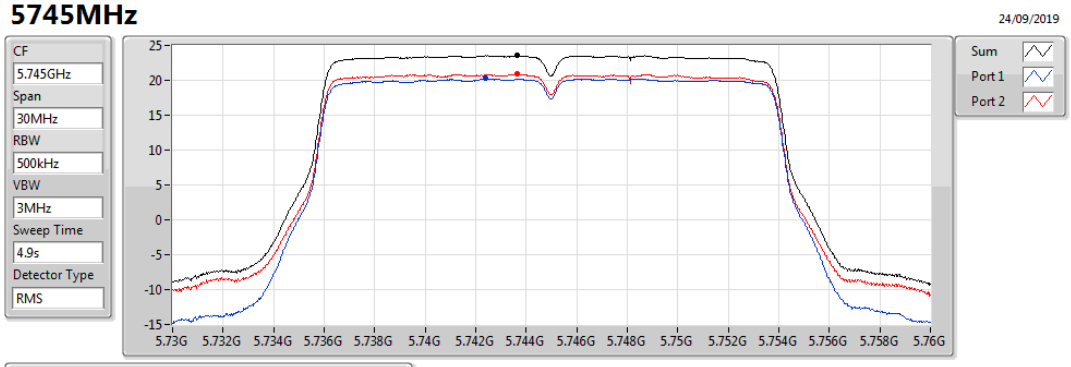
01/11/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.13	11.13	8.02	8.28

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

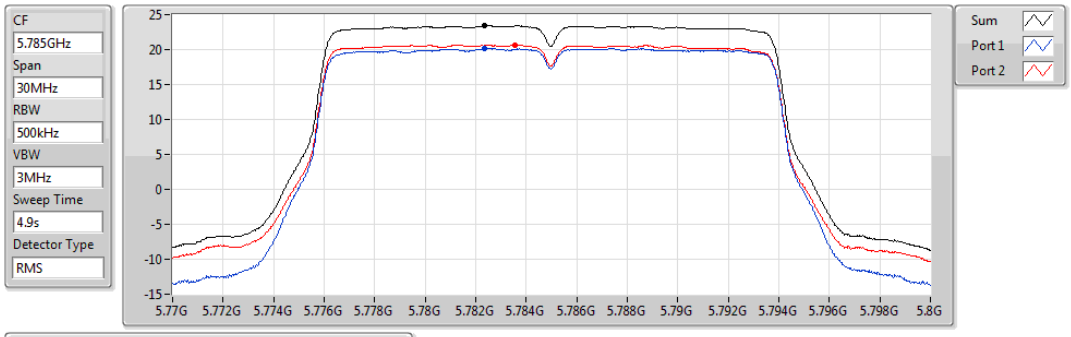
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
23.57	23.57	20.26	20.95

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

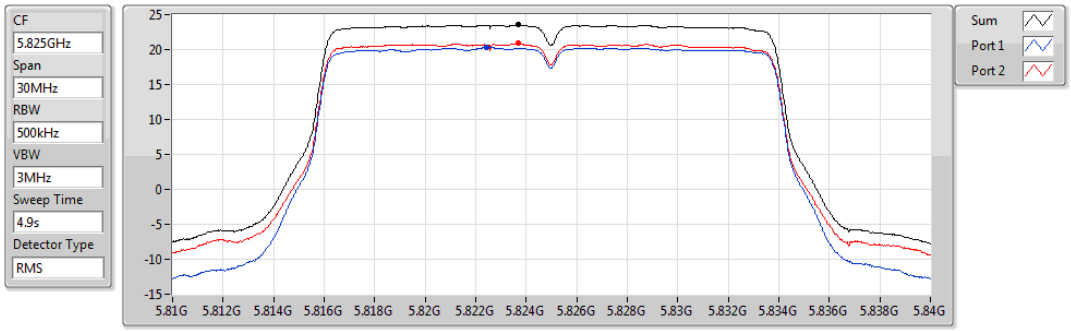
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
23.39	23.39	20.20	20.66

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5825MHz

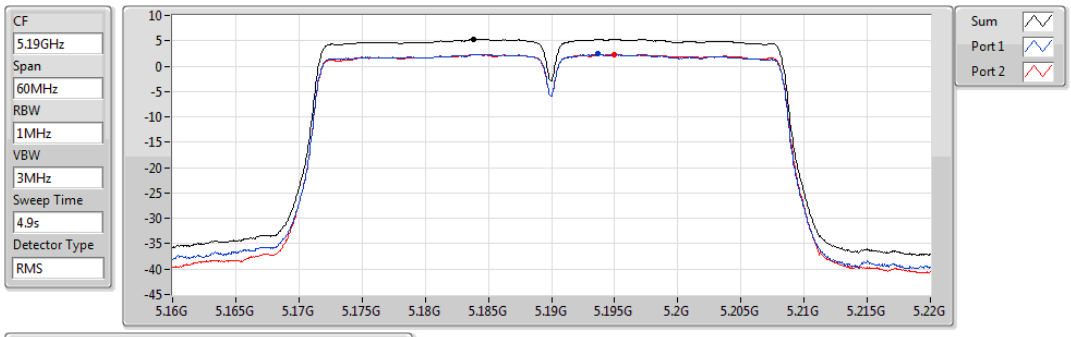


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
23.54	23.54	20.30	20.87

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

5190MHz

01/11/2019

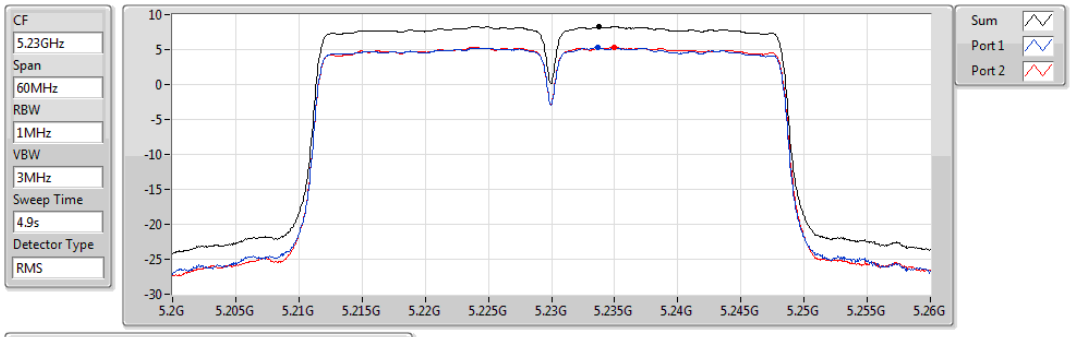


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.32	5.32	2.41	2.35

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

5230MHz

01/11/2019

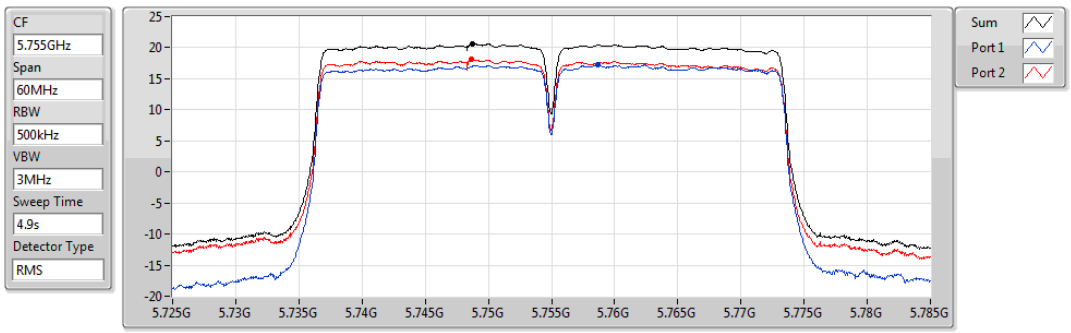


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.28	8.28	5.32	5.34

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

5755MHz

24/09/2019

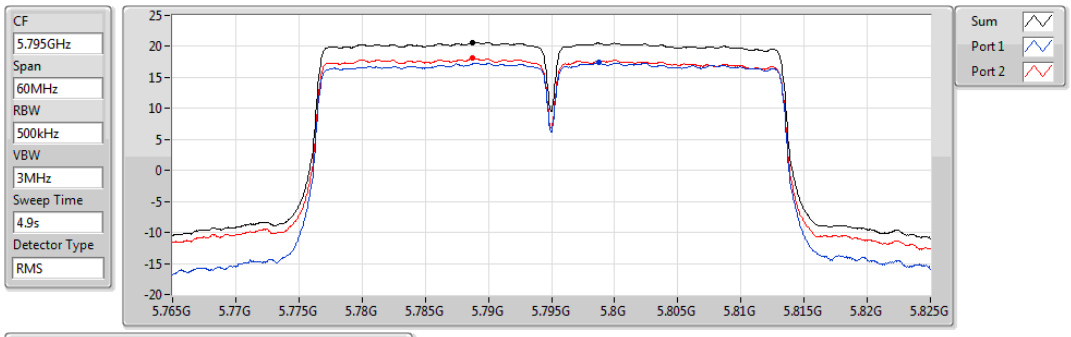


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
20.59	20.59	17.26	18.08

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

5795MHz

24/09/2019

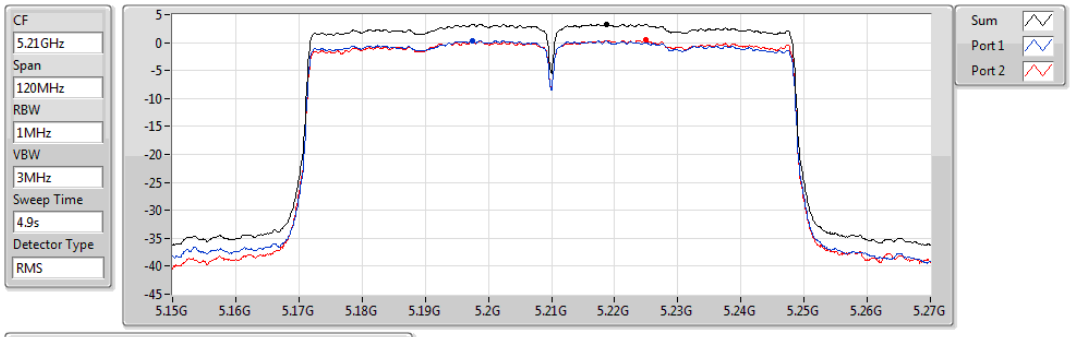


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
20.67	20.67	17.37	18.08

802.11ac VHT80_Nss2,(MCS0)_2TX PSD

5210MHz

01/11/2019

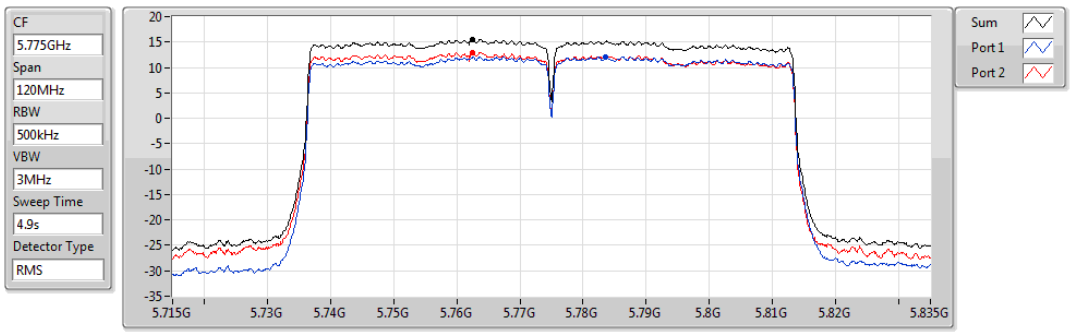


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.33	3.33	0.33	0.45

802.11ac VHT80_Nss2,(MCS0)_2TX PSD

5775MHz

24/09/2019

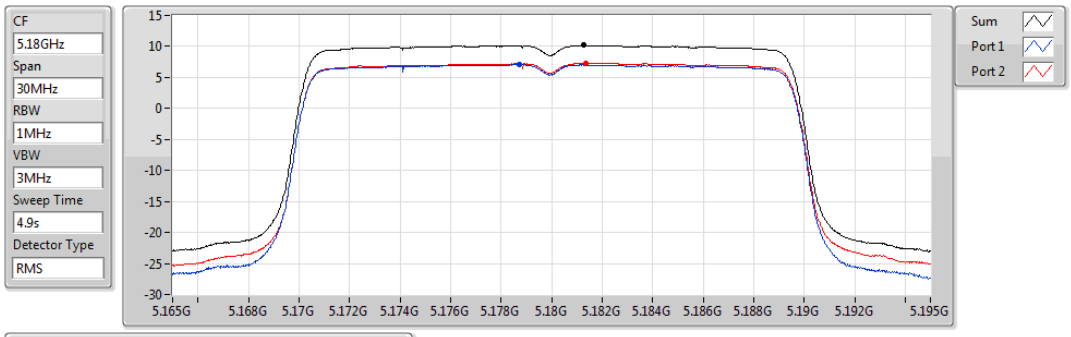


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.52	15.52	12.13	12.92

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5180MHz

01/11/2019

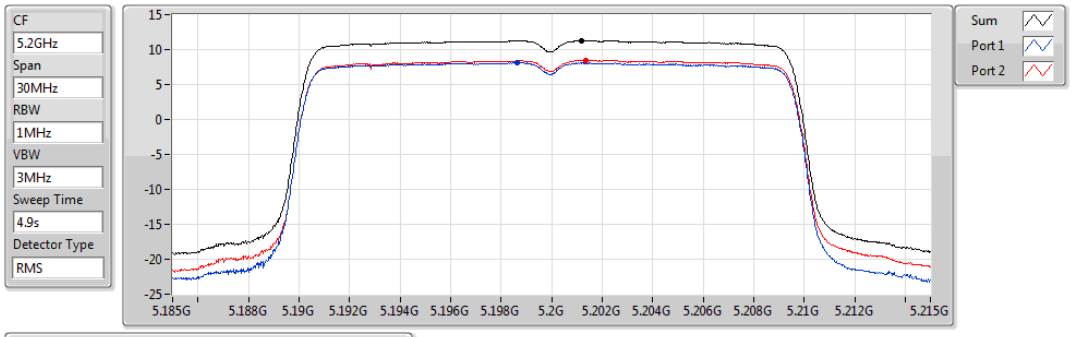


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.18	10.18	7.07	7.29

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5200MHz

01/11/2019

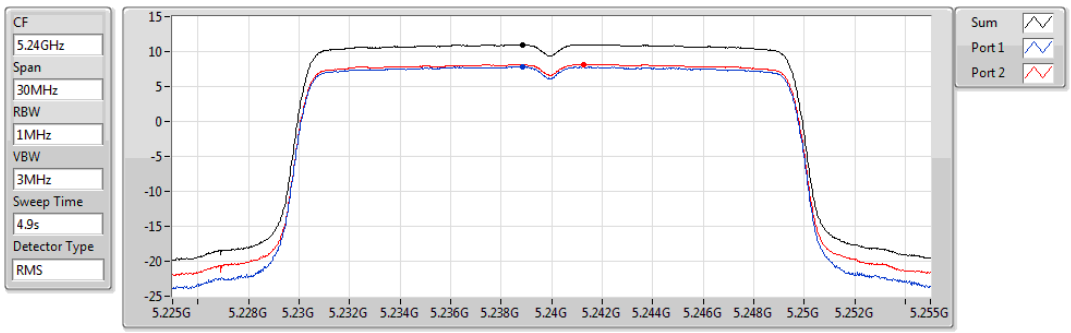


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.27	11.27	8.13	8.45

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5240MHz

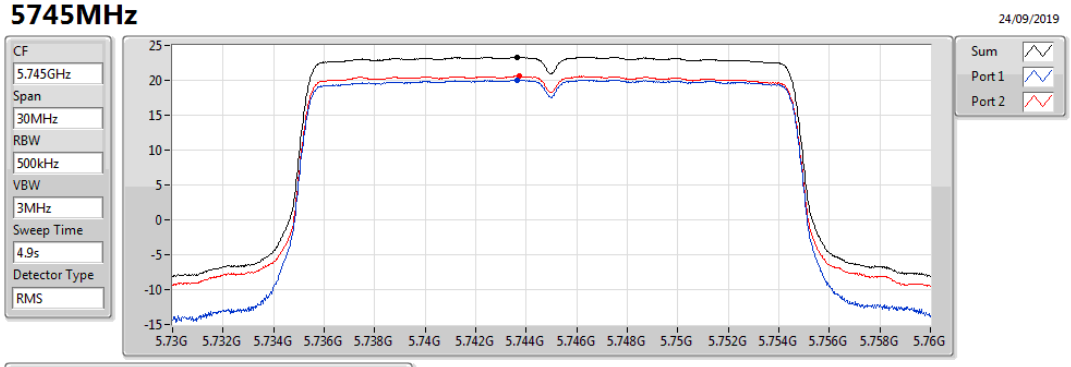
01/11/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.01	11.01	7.88	8.19

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

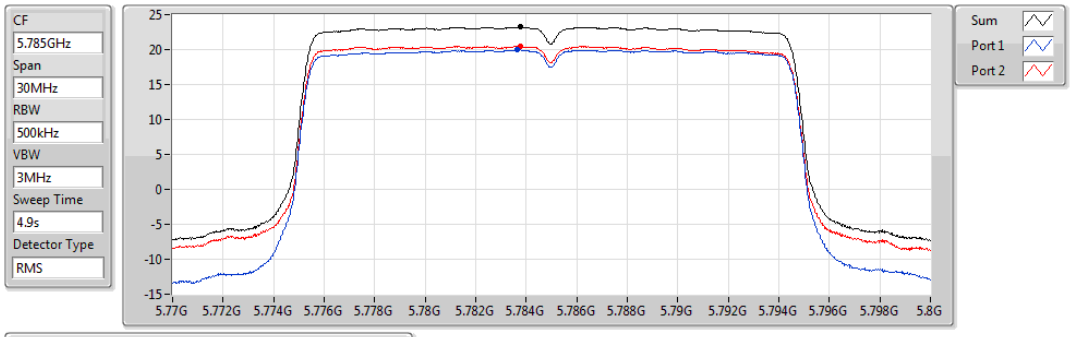
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
23.34	23.34	20.06	20.59

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

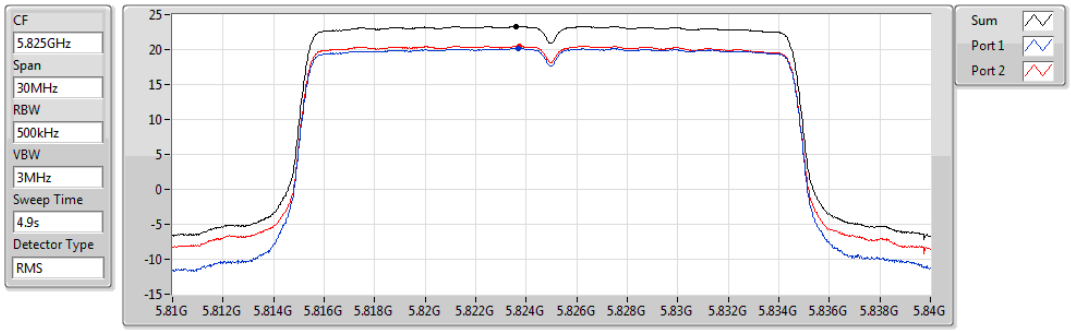
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
23.23	23.23	19.93	20.50

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5825MHz

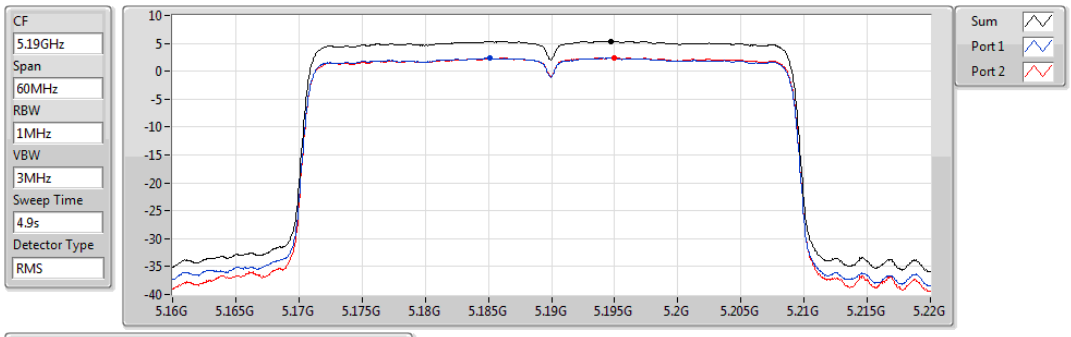


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
23.33	23.33	20.16	20.48

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

5190MHz

01/11/2019

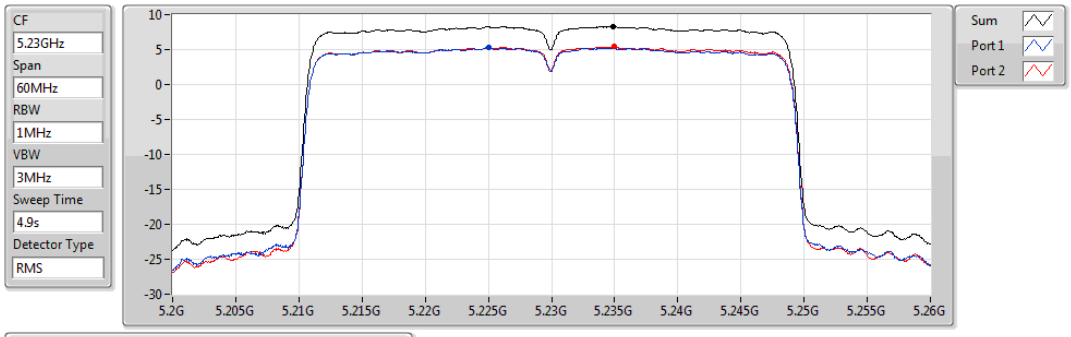


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.39	5.39	2.36	2.46

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

5230MHz

01/11/2019

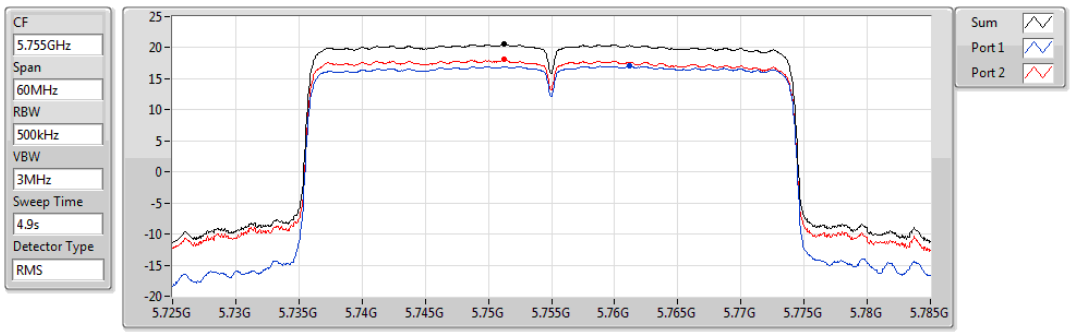


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.32	8.32	5.28	5.41

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

5755MHz

24/09/2019

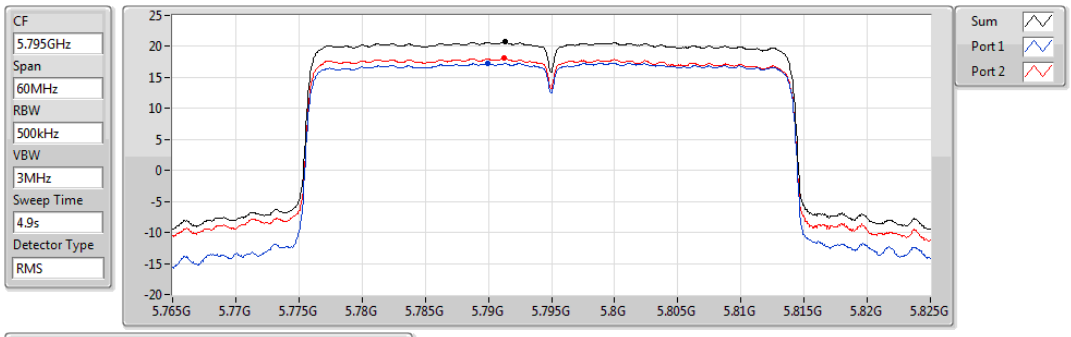


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
20.58	20.58	17.03	18.12

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

5795MHz

24/09/2019

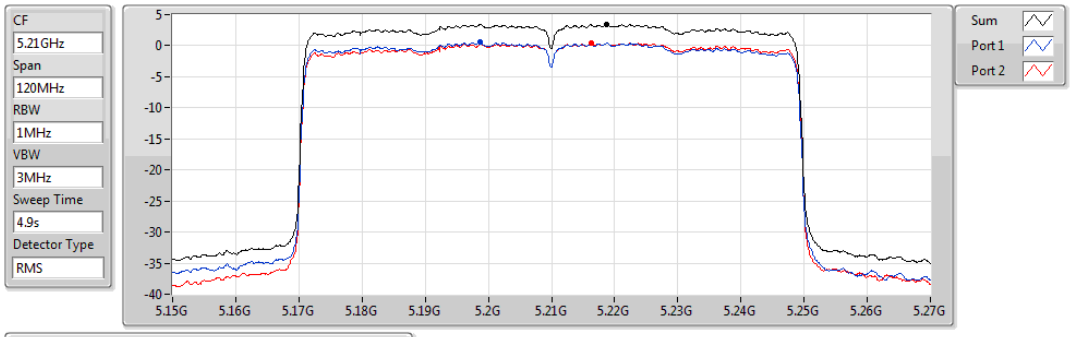


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
20.70	20.70	17.29	18.12

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

5210MHz

01/11/2019

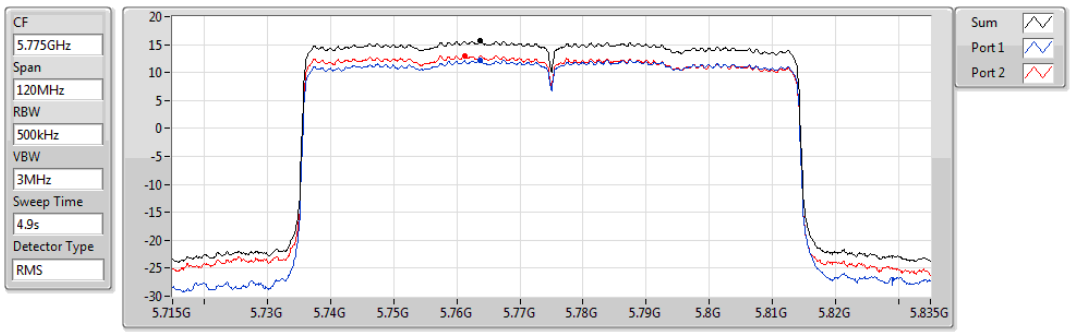


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.44	3.44	0.57	0.43

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

5775MHz

24/09/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.62	15.62	12.26	13.03

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	5.92	22.64
802.11ac VHT20_Nss1,(MCS0)_4TX	6.01	22.73
802.11ac VHT40_Nss1,(MCS0)_4TX	6.04	22.76
802.11ac VHT80_Nss1,(MCS0)_4TX	4.70	21.42
802.11ax HEW20_Nss1,(MCS0)_4TX	6.01	22.73
802.11ax HEW40_Nss1,(MCS0)_4TX	6.04	22.76
802.11ax HEW80_Nss1,(MCS0)_4TX	4.85	21.57
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.54	27.26
802.11ac VHT20_Nss1,(MCS0)_4TX	10.00	26.72
802.11ac VHT40_Nss1,(MCS0)_4TX	7.17	23.89
802.11ac VHT80_Nss1,(MCS0)_4TX	3.60	20.32
802.11ax HEW20_Nss1,(MCS0)_4TX	10.04	26.76
802.11ax HEW40_Nss1,(MCS0)_4TX	7.11	23.83
802.11ax HEW80_Nss1,(MCS0)_4TX	3.78	20.50

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

Result

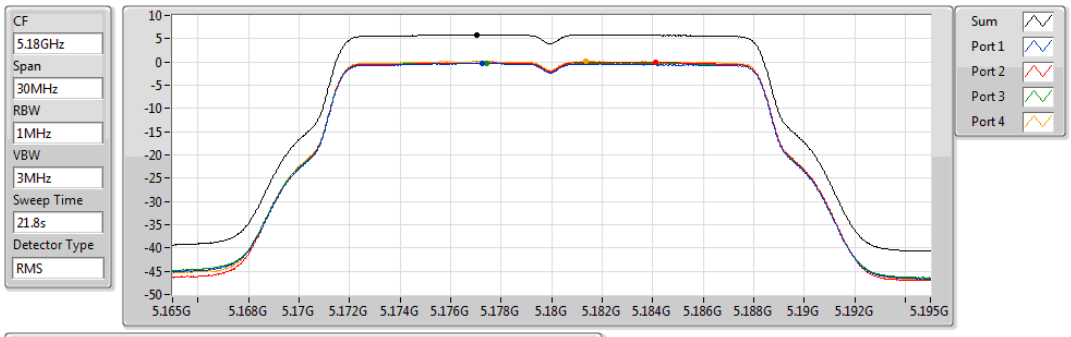
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	16.72	-0.30	0.00	-0.24	0.14	5.87	6.28	22.59	23.00
5200MHz	Pass	16.72	-0.13	-0.07	-0.25	0.20	5.92	6.28	22.64	23.00
5240MHz	Pass	16.72	-0.07	0.00	-0.25	0.12	5.90	6.28	22.62	23.00
5745MHz	Pass	16.72	4.04	4.68	4.69	4.76	10.54	19.28	27.26	36.00
5785MHz	Pass	16.72	4.08	4.57	4.32	4.41	10.31	19.28	27.03	36.00
5825MHz	Pass	16.72	4.43	4.73	4.49	4.67	10.53	19.28	27.25	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	16.72	-0.08	0.09	-0.23	0.11	5.98	6.28	22.70	23.00
5200MHz	Pass	16.72	0.00	-0.01	-0.04	0.16	6.00	6.28	22.72	23.00
5240MHz	Pass	16.72	0.06	-0.10	-0.16	0.31	6.01	6.28	22.73	23.00
5745MHz	Pass	16.72	3.48	4.34	4.32	4.04	10.00	19.28	26.72	36.00
5785MHz	Pass	16.72	3.35	4.19	4.12	3.68	9.79	19.28	26.51	36.00
5825MHz	Pass	16.72	3.54	4.28	3.99	3.81	9.84	19.28	26.56	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	16.72	0.14	0.09	-0.33	0.23	6.04	6.28	22.76	23.00
5230MHz	Pass	16.72	0.06	0.08	-0.20	0.26	6.00	6.28	22.72	23.00
5755MHz	Pass	16.72	0.17	1.32	1.15	0.93	6.90	19.28	23.62	36.00
5795MHz	Pass	16.72	0.64	1.74	1.36	1.04	7.17	19.28	23.89	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	16.72	-1.26	-1.23	-1.38	-1.15	4.70	6.28	21.42	23.00
5775MHz	Pass	16.72	-2.99	-2.16	-2.08	-2.37	3.60	19.28	20.32	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	16.72	-0.06	0.01	-0.09	0.24	6.00	6.28	22.72	23.00
5200MHz	Pass	16.72	-0.12	0.03	-0.14	0.21	6.01	6.28	22.73	23.00
5240MHz	Pass	16.72	-0.04	-0.11	-0.06	0.36	6.01	6.28	22.73	23.00
5745MHz	Pass	16.72	3.52	4.38	4.29	4.01	10.04	19.28	26.76	36.00
5785MHz	Pass	16.72	3.40	4.22	4.13	3.70	9.82	19.28	26.54	36.00
5825MHz	Pass	16.72	3.59	4.16	4.02	3.79	9.83	19.28	26.55	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	16.72	0.08	0.06	-0.25	0.26	6.01	6.28	22.73	23.00
5230MHz	Pass	16.72	0.20	-0.06	-0.11	0.25	6.04	6.28	22.76	23.00
5755MHz	Pass	16.72	0.27	1.33	1.21	1.08	6.91	19.28	23.63	36.00
5795MHz	Pass	16.72	0.71	1.56	1.25	1.12	7.11	19.28	23.83	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	16.72	-1.21	-1.23	-1.29	-0.88	4.85	6.28	21.57	23.00
5775MHz	Pass	16.72	-2.73	-1.86	-1.97	-2.25	3.78	19.28	20.50	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)_4TX PSD

5180MHz

18/11/2019

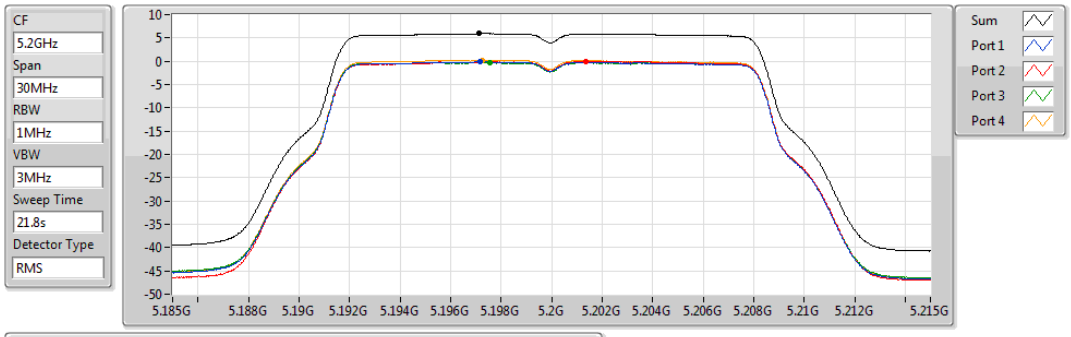


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.87	5.87	-0.30	0.00	-0.24	0.14

802.11a_Nss1,(6Mbps)_4TX PSD

5200MHz

18/11/2019

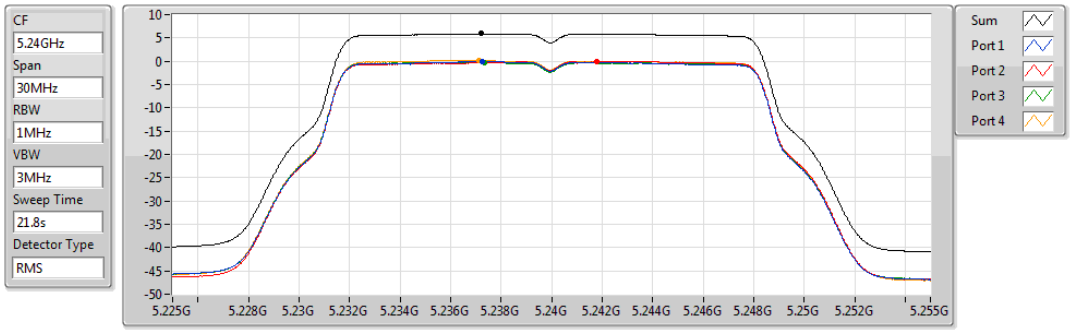


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.92	5.92	-0.13	-0.07	-0.25	0.20

802.11a_Nss1,(6Mbps)_4TX PSD

5240MHz

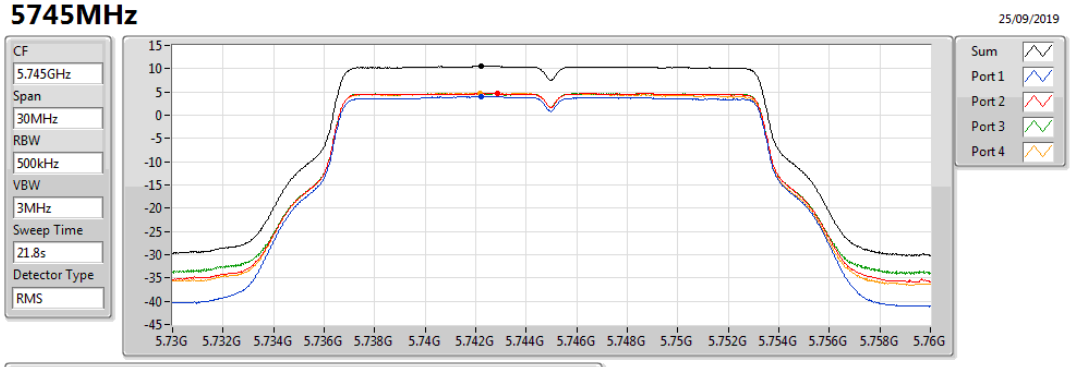
18/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.90	5.90	-0.07	0.00	-0.25	0.12

802.11a_Nss1,(6Mbps)_4TX PSD

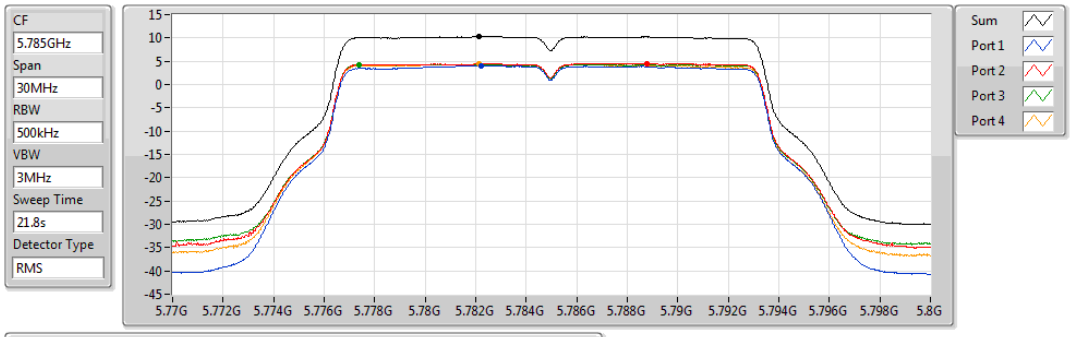
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.54	10.54	4.04	4.68	4.69	4.76

802.11a_Nss1,(6Mbps)_4TX PSD

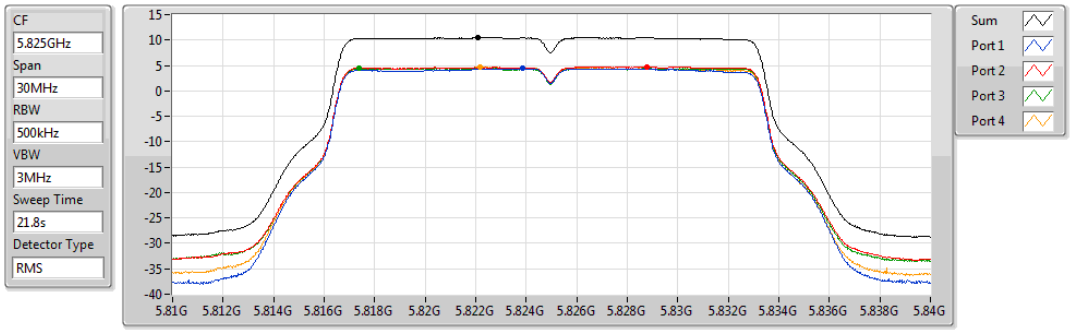
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.31	10.31	4.08	4.57	4.32	4.41

802.11a_Nss1,(6Mbps)_4TX PSD

5825MHz

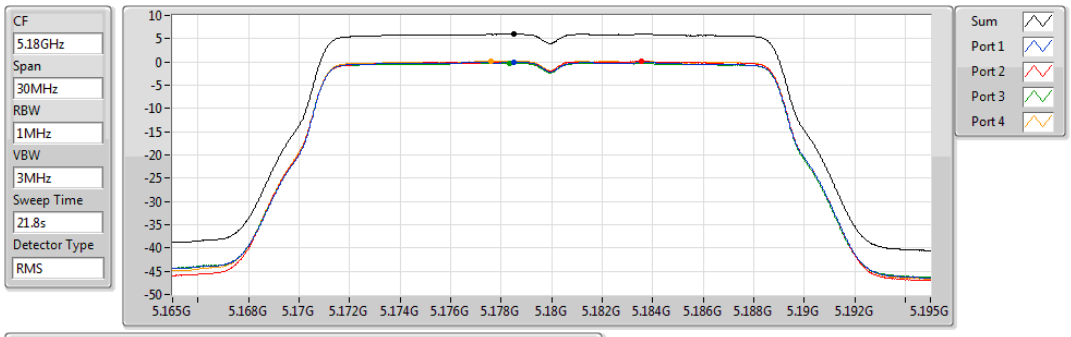


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.53	10.53	4.43	4.73	4.49	4.67

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5180MHz

18/11/2019

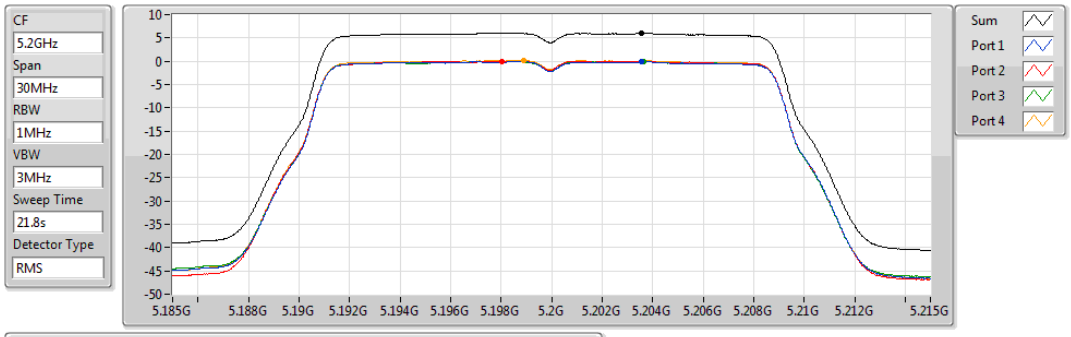


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.98	5.98	-0.08	0.09	-0.23	0.11

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5200MHz

18/11/2019

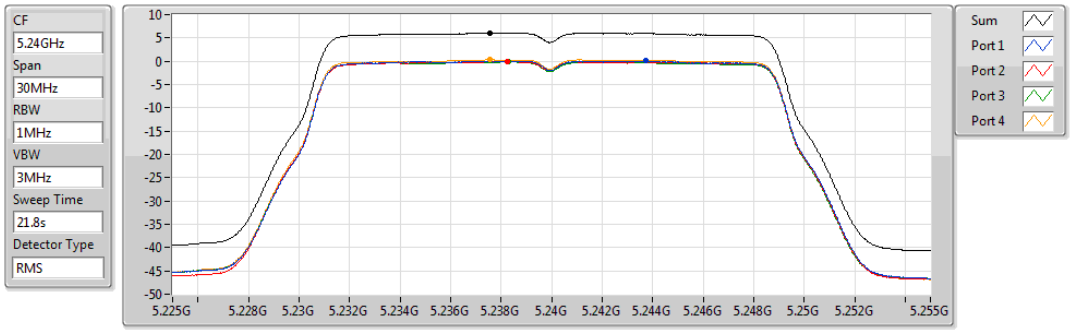


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.00	6.00	0.00	-0.01	-0.04	0.16

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5240MHz

18/11/2019

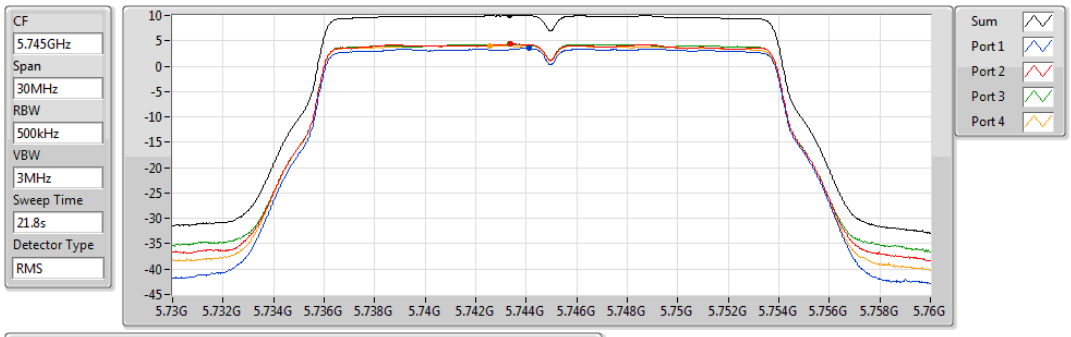


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.01	6.01	0.06	-0.10	-0.16	0.31

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5745MHz

25/09/2019

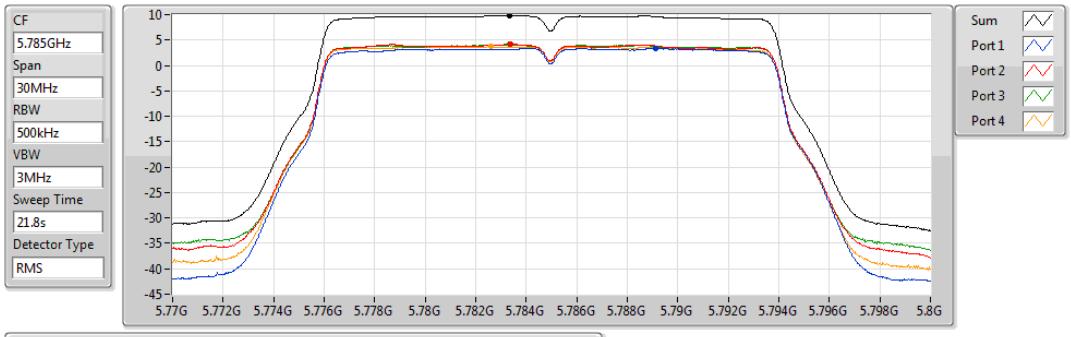


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.00	10.00	3.48	4.34	4.32	4.04

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5785MHz

25/09/2019

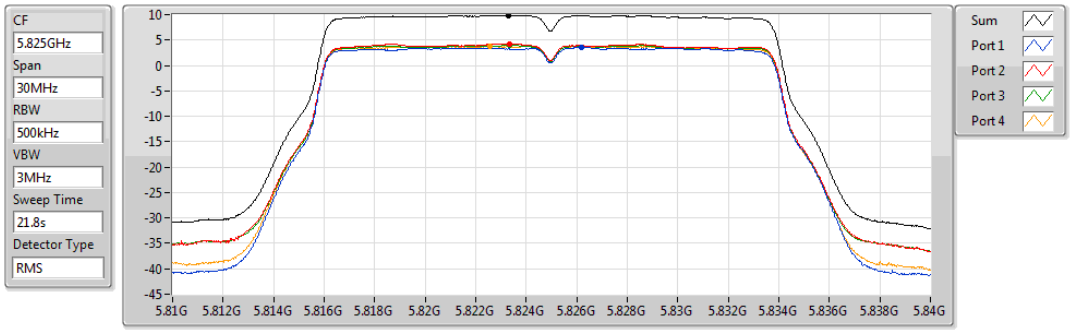


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.79	9.79	3.35	4.19	4.12	3.68

802.11ac VHT20_Nss1,(MCS0)_4TX PSD

5825MHz

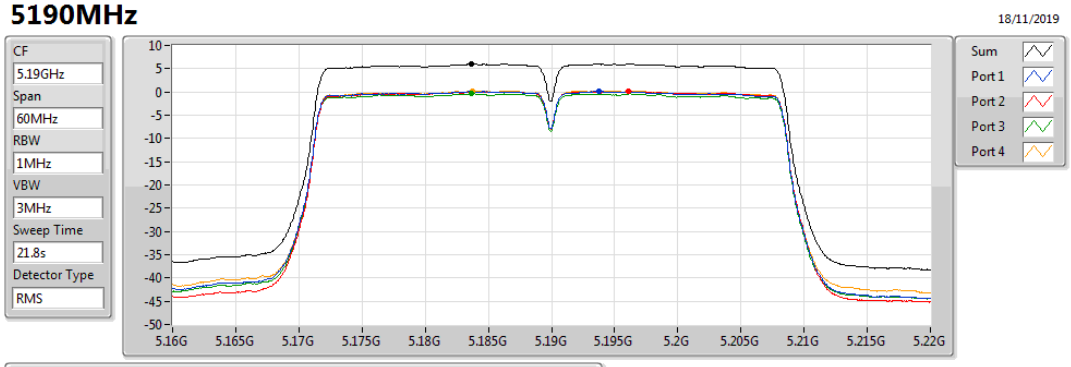
25/09/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.84	9.84	3.54	4.28	3.99	3.81

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

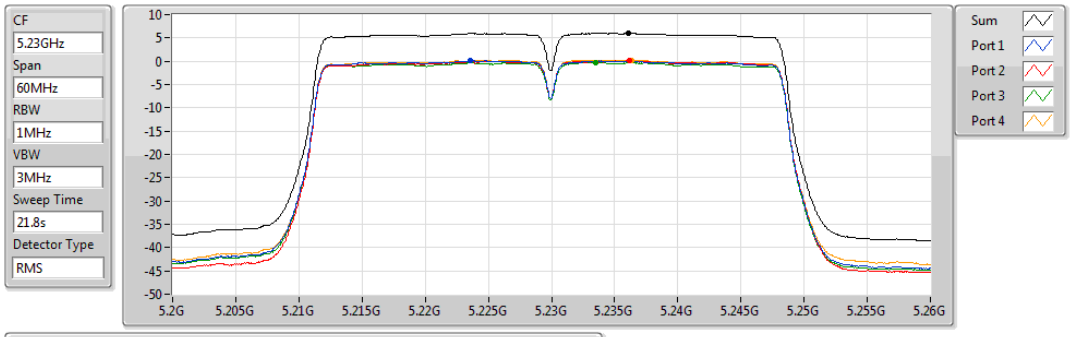
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.04	6.04	0.14	0.09	-0.33	0.23

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

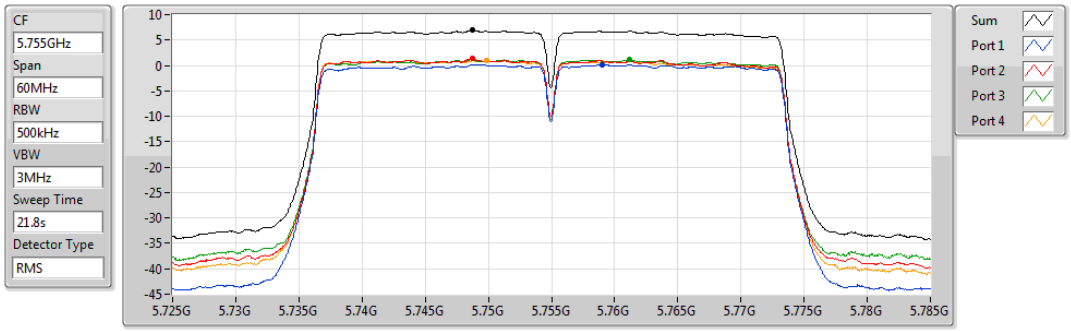
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.00	6.00	0.06	0.08	-0.20	0.26

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5755MHz

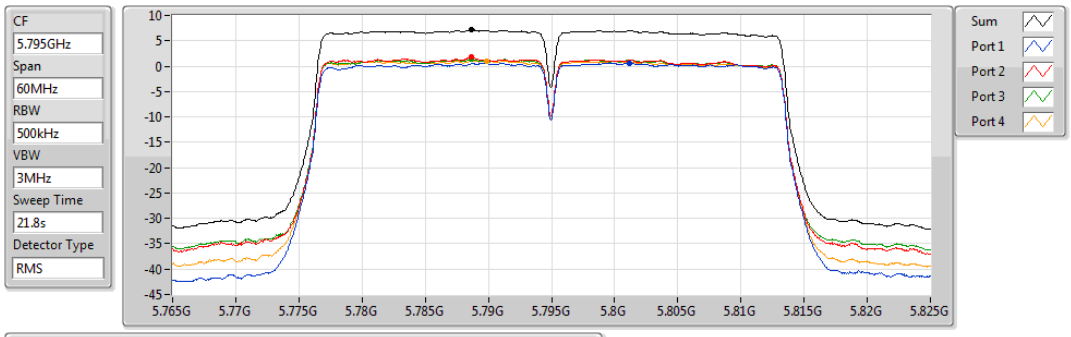


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.90	6.90	0.17	1.32	1.15	0.93

802.11ac VHT40_Nss1,(MCS0)_4TX PSD

5795MHz

25/09/2019

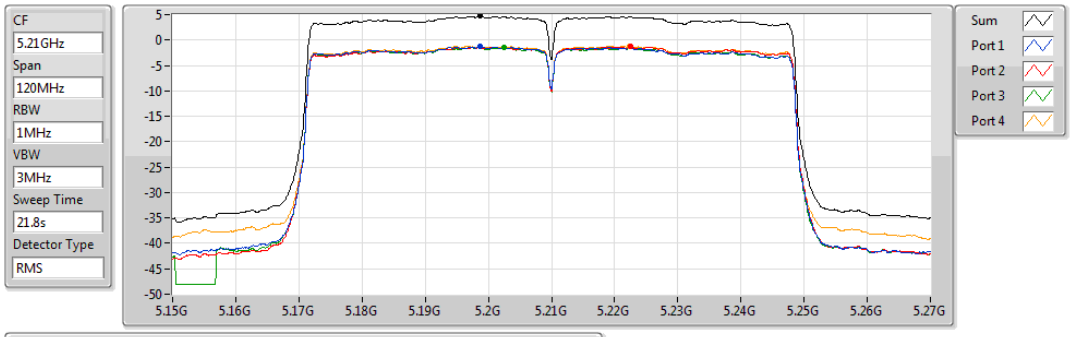


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.17	7.17	0.64	1.74	1.36	1.04

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5210MHz

18/11/2019

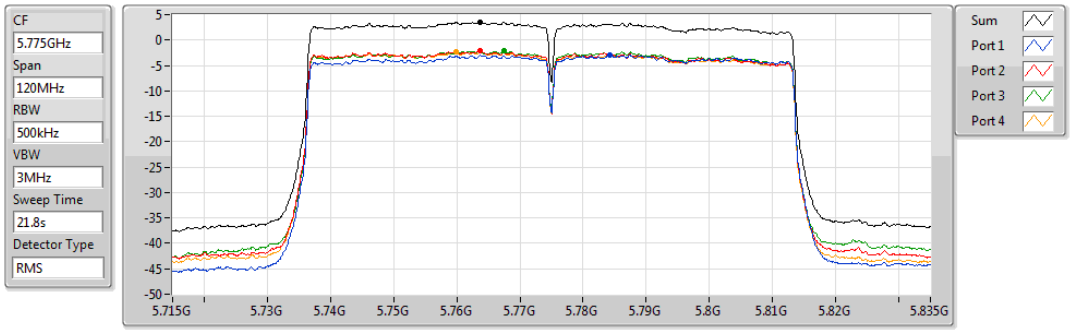


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.70	4.70	-1.26	-1.23	-1.38	-1.15

802.11ac VHT80_Nss1,(MCS0)_4TX PSD

5775MHz

25/09/2019

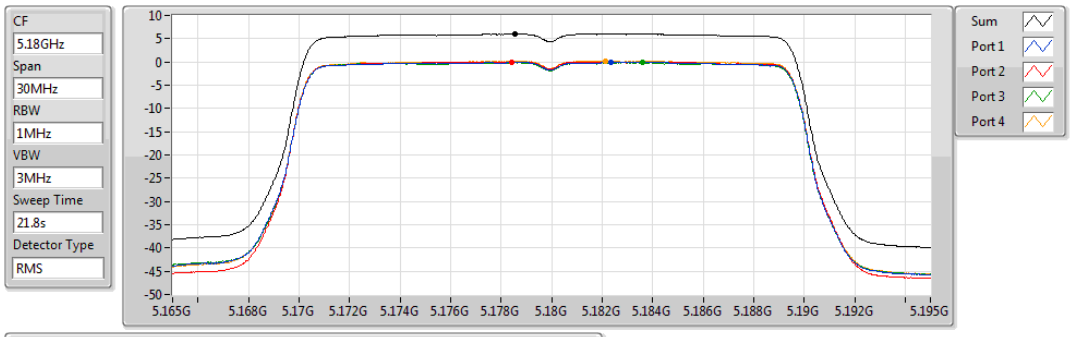


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.60	3.60	-2.99	-2.16	-2.08	-2.37

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5180MHz

18/11/2019

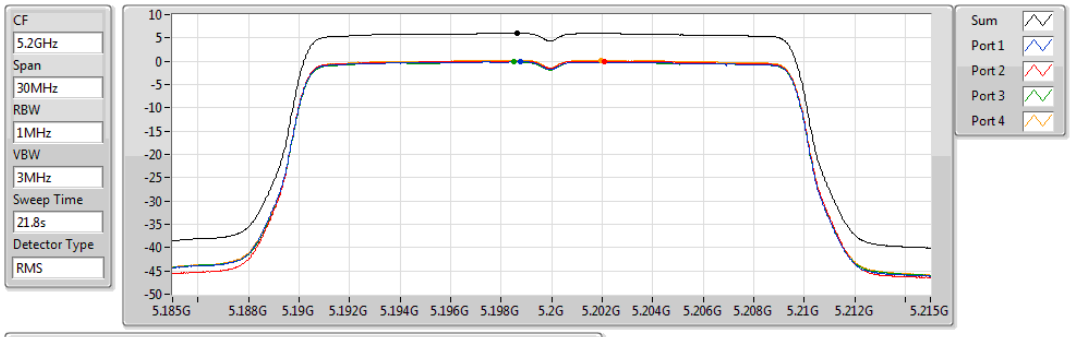


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.00	6.00	-0.06	0.01	-0.09	0.24

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5200MHz

18/11/2019

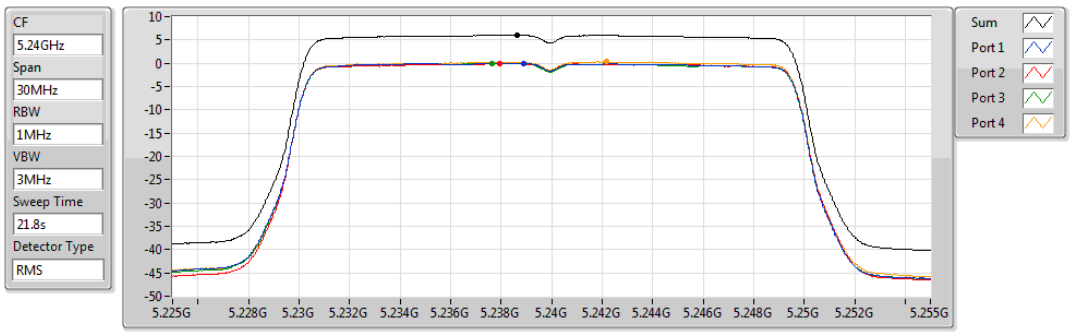


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.01	6.01	-0.12	0.03	-0.14	0.21

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5240MHz

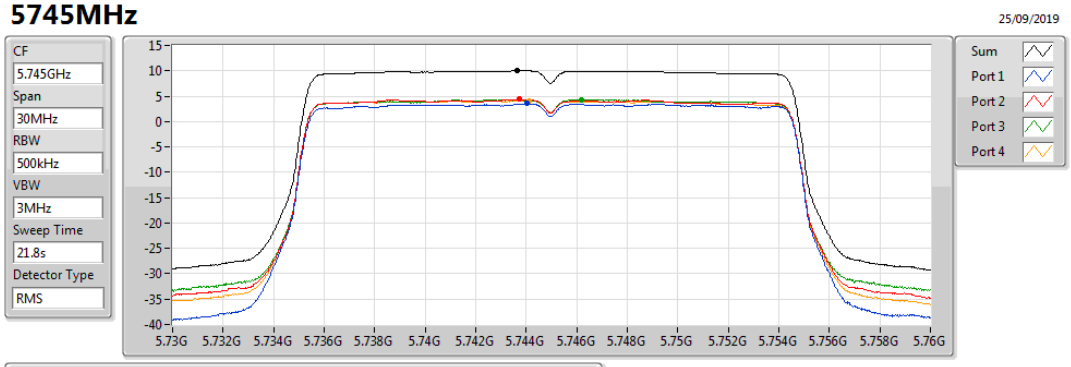
18/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.01	6.01	-0.04	-0.11	-0.06	0.36

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

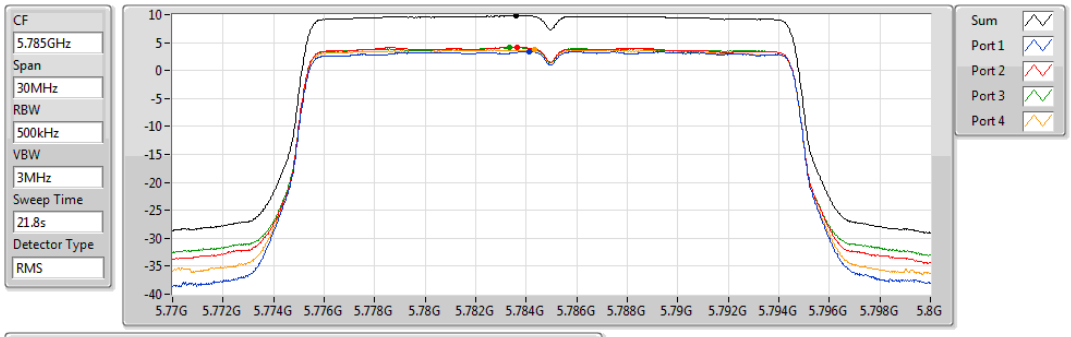
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.04	10.04	3.52	4.38	4.29	4.01

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

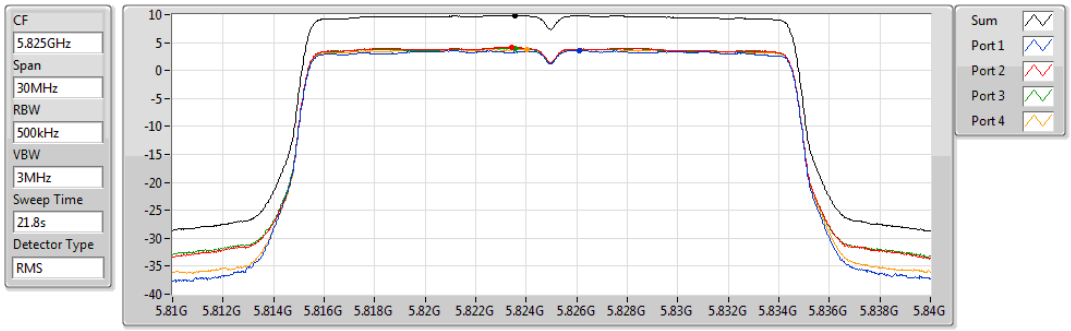
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.82	9.82	3.40	4.22	4.13	3.70

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5825MHz

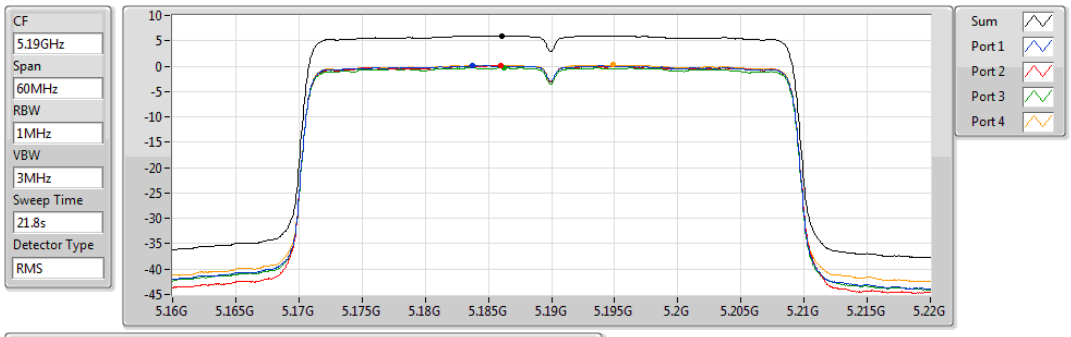


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.83	9.83	3.59	4.16	4.02	3.79

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5190MHz

18/11/2019

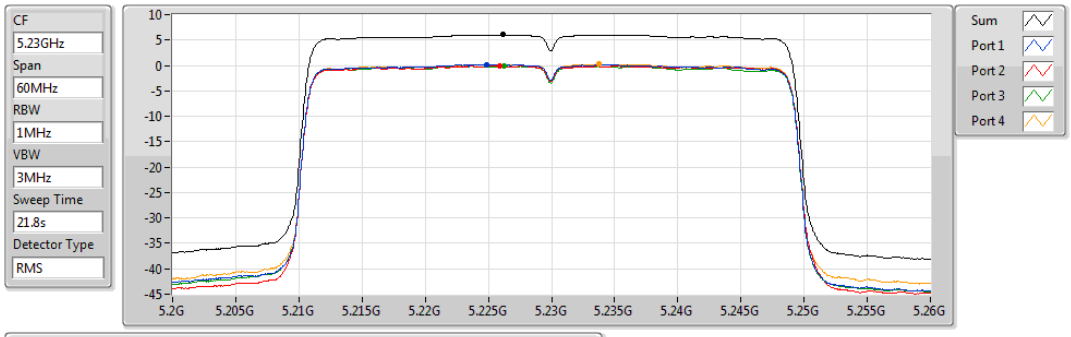


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.01	6.01	0.08	0.06	-0.25	0.26

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5230MHz

18/11/2019

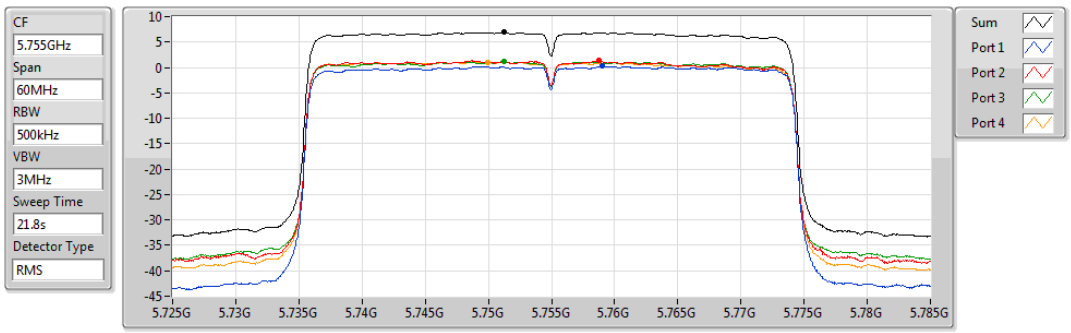


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.04	6.04	0.20	-0.06	-0.11	0.25

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5755MHz

25/09/2019

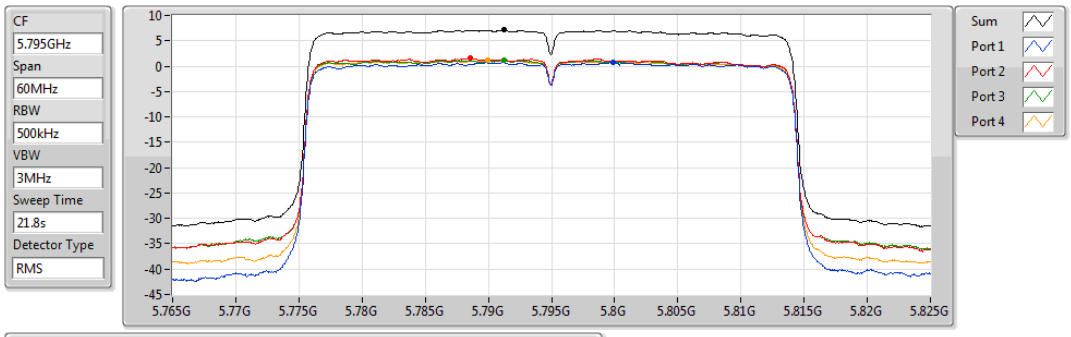


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.91	6.91	0.27	1.33	1.21	1.08

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5795MHz

25/09/2019

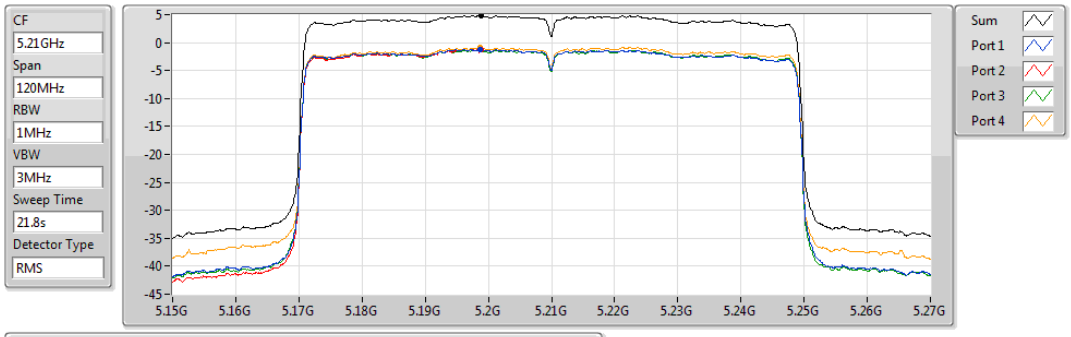


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.11	7.11	0.71	1.56	1.25	1.12

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5210MHz

18/11/2019

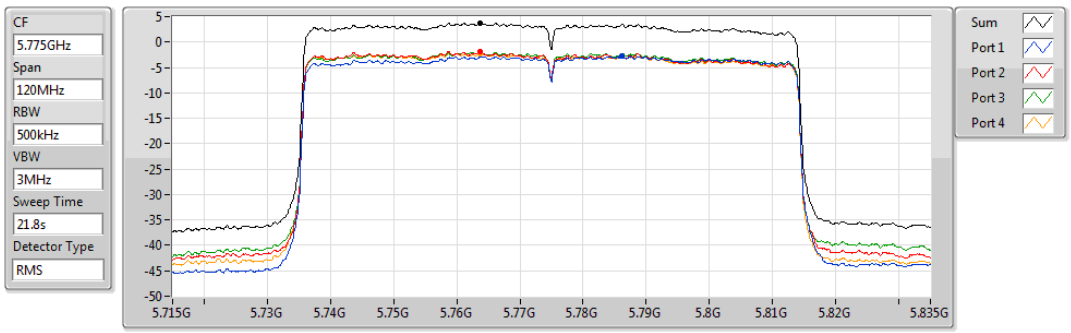


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.85	4.85	-1.21	-1.23	-1.29	-0.88

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5775MHz

25/09/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.78	3.78	-2.73	-1.86	-1.97	-2.25

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	11.11	21.81
802.11ac VHT40_Nss4,(MCS0)_4TX	8.74	19.44
802.11ac VHT80_Nss4,(MCS0)_4TX	3.95	14.65
802.11ax HEW20_Nss4,(MCS0)_4TX	11.19	21.89
802.11ax HEW40_Nss4,(MCS0)_4TX	8.66	19.36
802.11ax HEW80_Nss4,(MCS0)_4TX	4.23	14.93
5.725-5.85GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	9.89	20.59
802.11ac VHT40_Nss4,(MCS0)_4TX	7.27	17.97
802.11ac VHT80_Nss4,(MCS0)_4TX	4.96	15.66
802.11ax HEW20_Nss4,(MCS0)_4TX	9.79	20.49
802.11ax HEW40_Nss4,(MCS0)_4TX	7.28	17.98
802.11ax HEW80_Nss4,(MCS0)_4TX	5.15	15.85

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

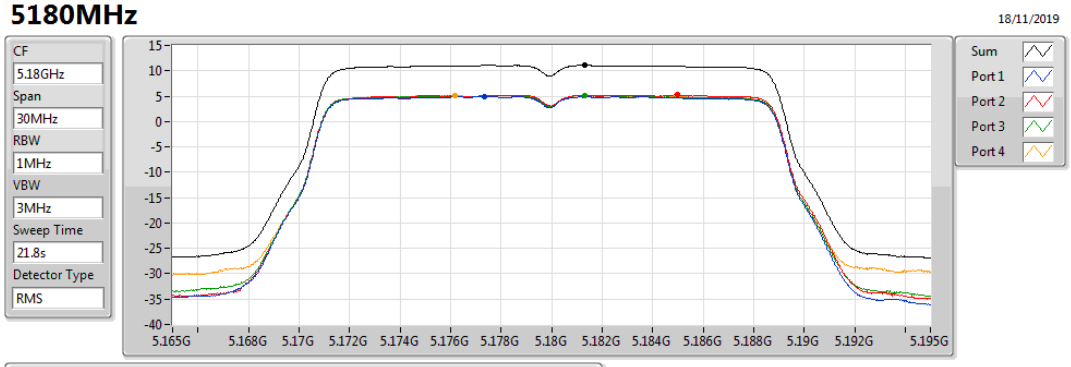
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	4.98	5.27	5.16	5.16	11.09	12.30	21.79	23.00
5200MHz	Pass	10.70	5.02	5.26	5.02	5.06	11.07	12.30	21.77	23.00
5240MHz	Pass	10.70	5.10	5.17	5.07	5.18	11.11	12.30	21.81	23.00
5745MHz	Pass	10.70	3.23	4.12	4.33	3.91	9.81	25.30	20.51	36.00
5785MHz	Pass	10.70	3.27	3.94	3.99	3.62	9.63	25.30	20.33	36.00
5825MHz	Pass	10.70	3.62	4.27	4.11	3.80	9.89	25.30	20.59	36.00
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	1.06	0.97	0.88	1.44	7.00	12.30	17.70	23.00
5230MHz	Pass	10.70	2.82	2.67	2.75	3.04	8.74	12.30	19.44	23.00
5755MHz	Pass	10.70	0.65	1.54	1.64	1.48	7.22	25.30	17.92	36.00
5795MHz	Pass	10.70	0.91	1.60	1.44	1.40	7.27	25.30	17.97	36.00
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	-2.02	-2.02	-2.02	-1.80	3.95	12.30	14.65	23.00
5775MHz	Pass	10.70	-1.68	-0.71	-0.71	-0.90	4.96	25.30	15.66	36.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	5.05	5.41	5.19	5.29	11.19	12.30	21.89	23.00
5200MHz	Pass	10.70	4.99	5.32	5.06	5.27	11.14	12.30	21.84	23.00
5240MHz	Pass	10.70	5.06	5.15	5.11	5.22	11.11	12.30	21.81	23.00
5745MHz	Pass	10.70	3.09	4.02	4.19	3.88	9.79	25.30	20.49	36.00
5785MHz	Pass	10.70	3.24	3.97	3.79	3.57	9.59	25.30	20.29	36.00
5825MHz	Pass	10.70	3.40	4.07	3.99	3.78	9.77	25.30	20.47	36.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	0.98	0.97	0.79	1.26	6.96	12.30	17.66	23.00
5230MHz	Pass	10.70	2.66	2.62	2.66	2.87	8.66	12.30	19.36	23.00
5755MHz	Pass	10.70	0.51	1.64	1.60	1.43	7.24	25.30	17.94	36.00
5795MHz	Pass	10.70	0.80	1.65	1.68	1.30	7.28	25.30	17.98	36.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	-1.77	-1.80	-1.99	-1.56	4.23	12.30	14.93	23.00
5775MHz	Pass	10.70	-1.52	-0.40	-0.79	-0.62	5.15	25.30	15.85	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_Nss4,(MCS0)_4TX PSD

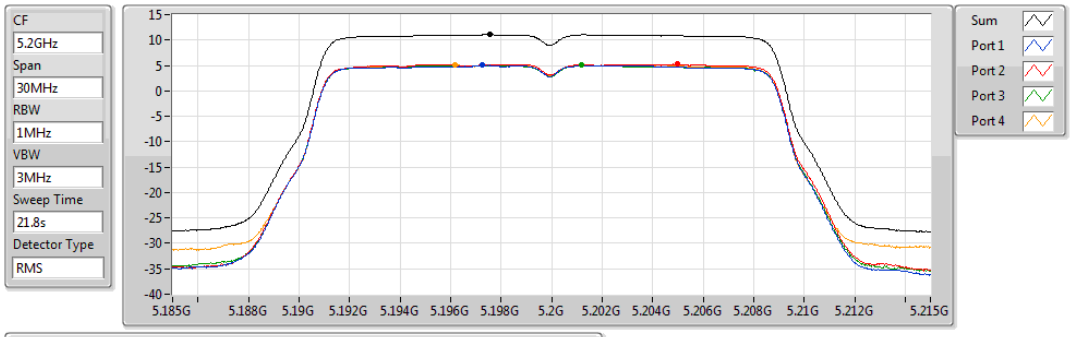
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.09	11.09	4.98	5.27	5.16	5.16

802.11ac VHT20_Nss4,(MCS0)_4TX PSD

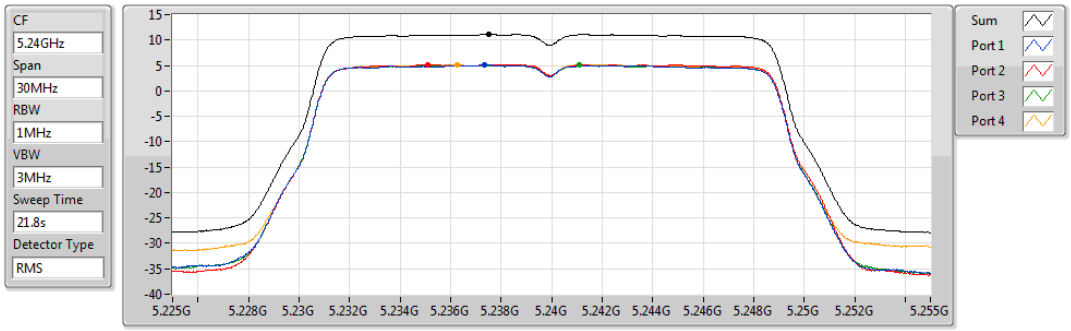
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.07	11.07	5.02	5.26	5.02	5.06

802.11ac VHT20_Nss4,(MCS0)_4TX PSD

5240MHz

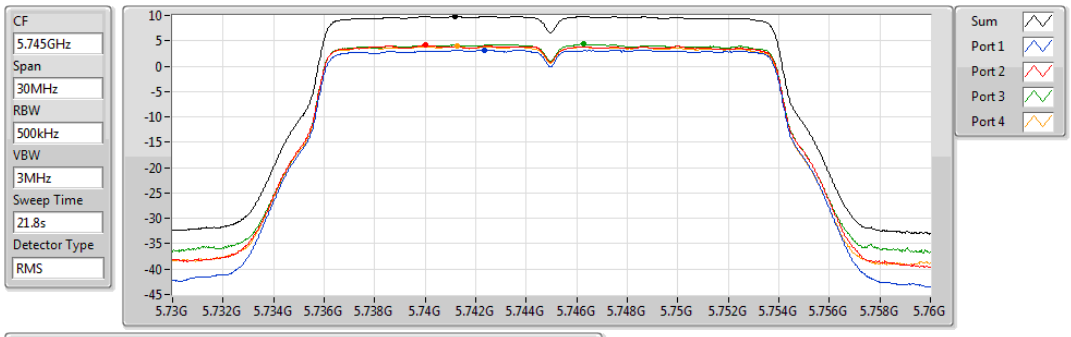


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.11	11.11	5.10	5.17	5.07	5.18

802.11ac VHT20_Nss4,(MCS0)_4TX PSD

5745MHz

25/09/2019

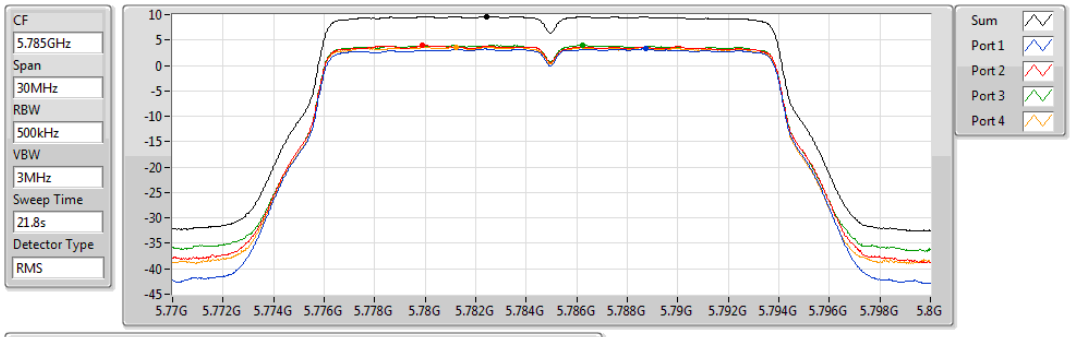


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.81	9.81	3.23	4.12	4.33	3.91

802.11ac VHT20_Nss4,(MCS0)_4TX PSD

5785MHz

25/09/2019

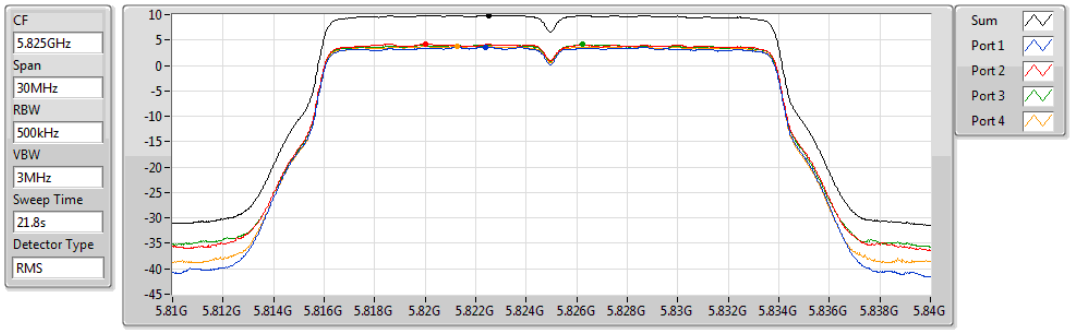


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.63	9.63	3.27	3.94	3.99	3.62

802.11ac VHT20_Nss4,(MCS0)_4TX PSD

5825MHz

25/09/2019

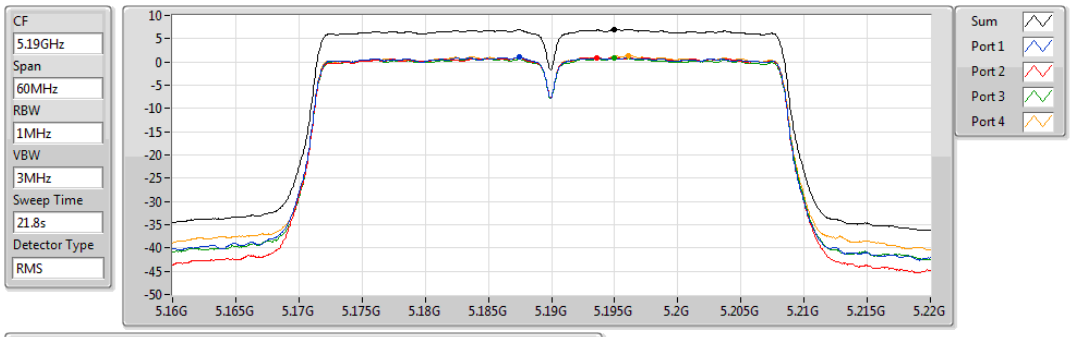


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.89	9.89	3.62	4.27	4.11	3.80

802.11ac VHT40_Nss4,(MCS0)_4TX PSD

5190MHz

18/11/2019

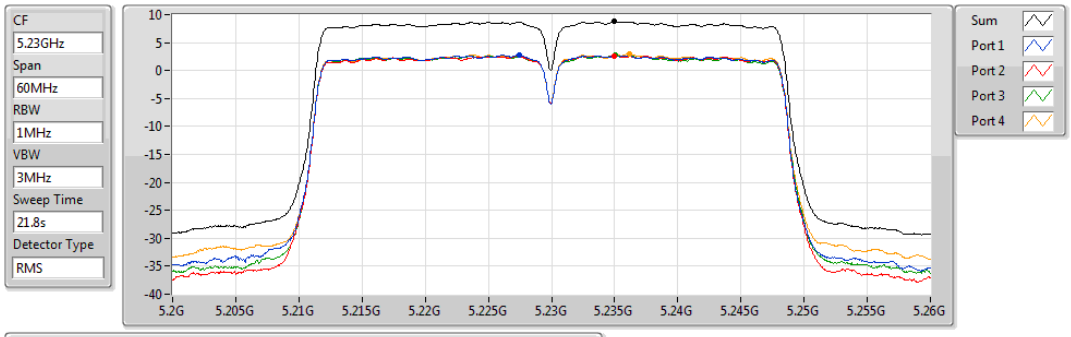


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.00	7.00	1.06	0.97	0.88	1.44

802.11ac VHT40_Nss4,(MCS0)_4TX PSD

5230MHz

18/11/2019

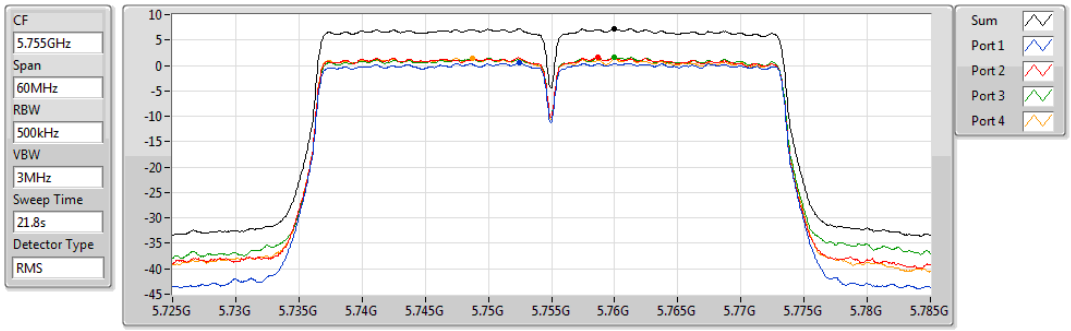


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.74	8.74	2.82	2.67	2.75	3.04

802.11ac VHT40_Nss4,(MCS0)_4TX PSD

5755MHz

25/09/2019

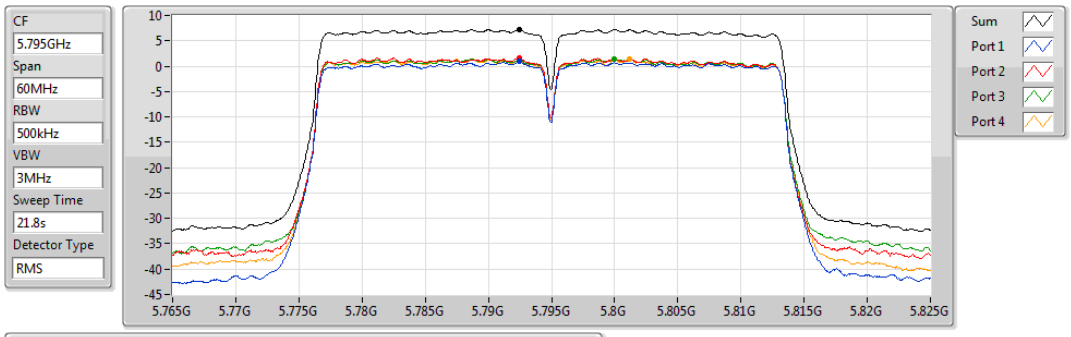


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.22	7.22	0.65	1.54	1.64	1.48

802.11ac VHT40_Nss4,(MCS0)_4TX PSD

5795MHz

25/09/2019

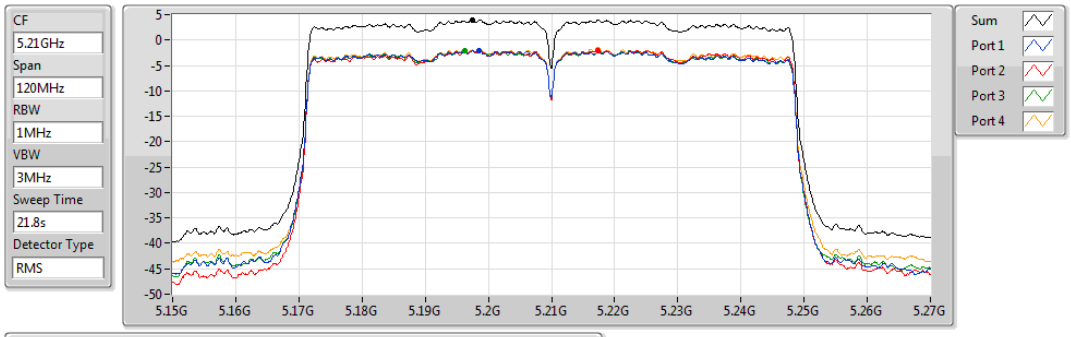


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.27	7.27	0.91	1.60	1.44	1.40

802.11ac VHT80_Nss4,(MCS0)_4TX PSD

5210MHz

18/11/2019

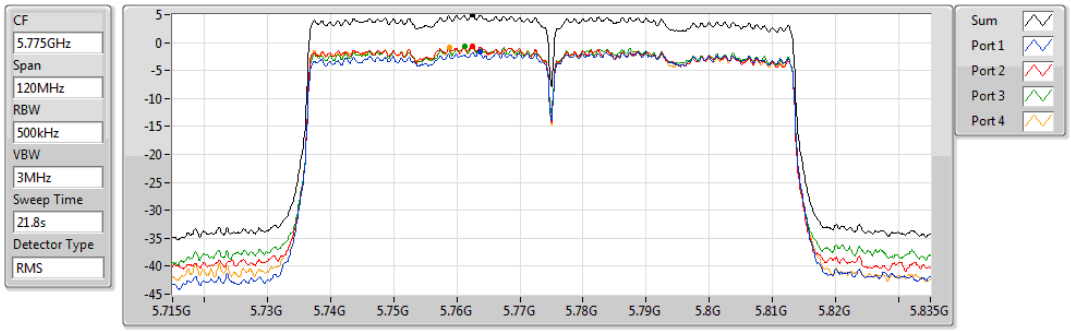


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.95	3.95	-2.02	-2.02	-2.02	-1.80

802.11ac VHT80_Nss4,(MCS0)_4TX PSD

5775MHz

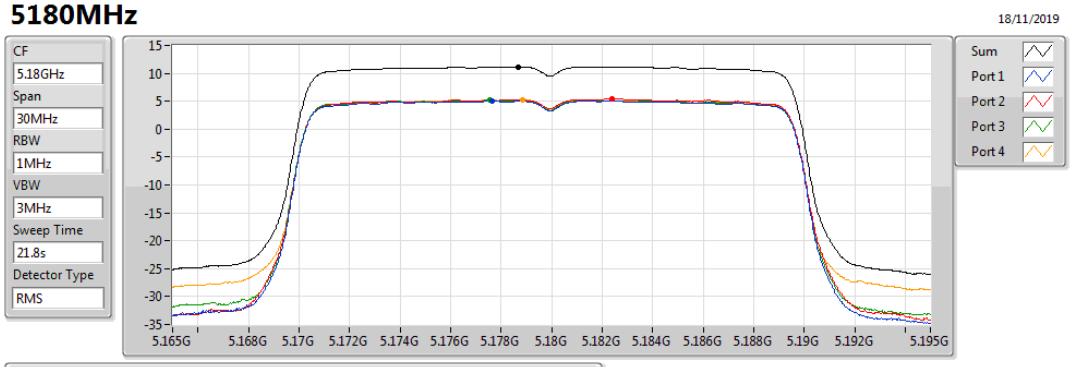
25/09/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.96	4.96	-1.68	-0.71	-0.71	-0.90

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

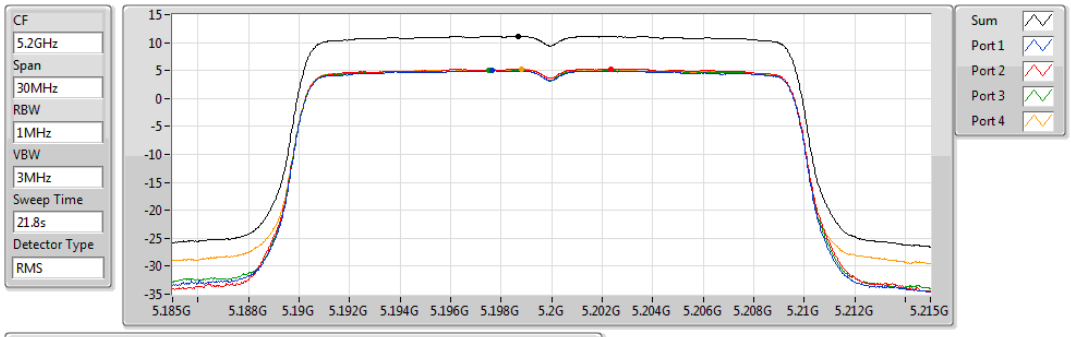
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.19	11.19	5.05	5.41	5.19	5.29

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

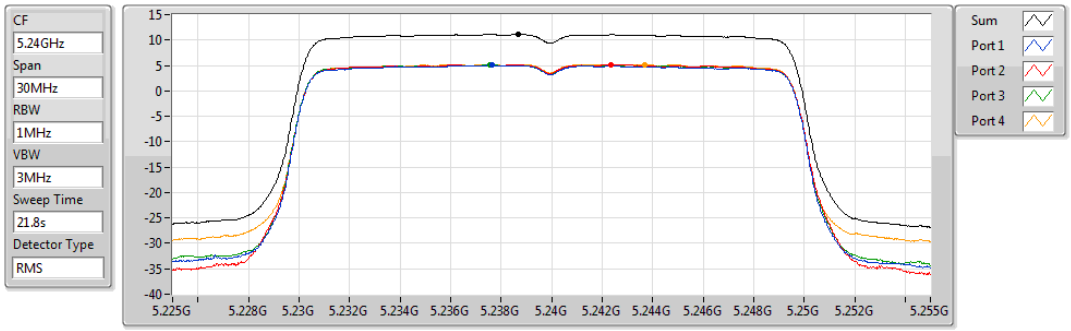
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.14	11.14	4.99	5.32	5.06	5.27

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5240MHz

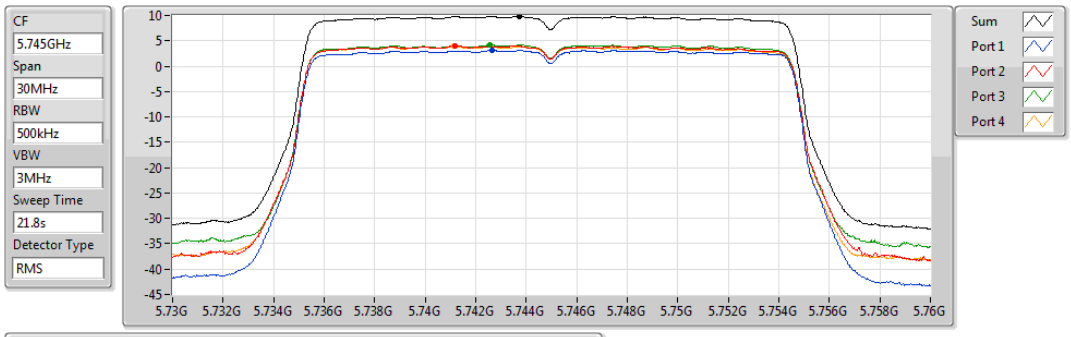


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.11	11.11	5.06	5.15	5.11	5.22

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5745MHz

25/09/2019

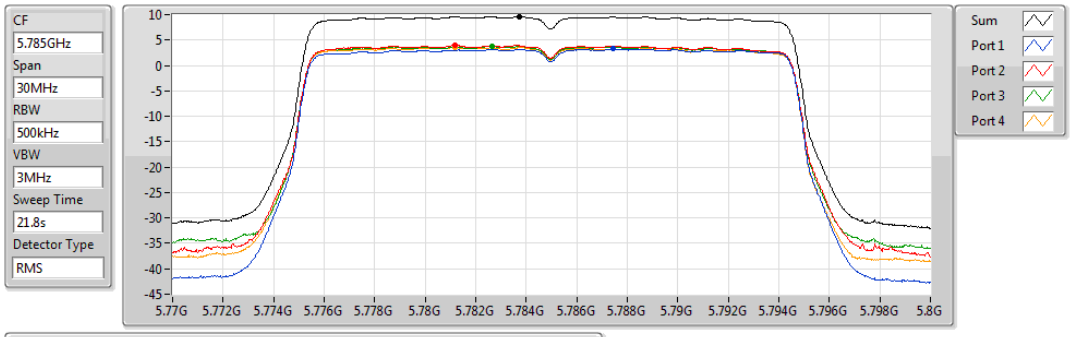


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.79	9.79	3.09	4.02	4.19	3.88

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5785MHz

25/09/2019

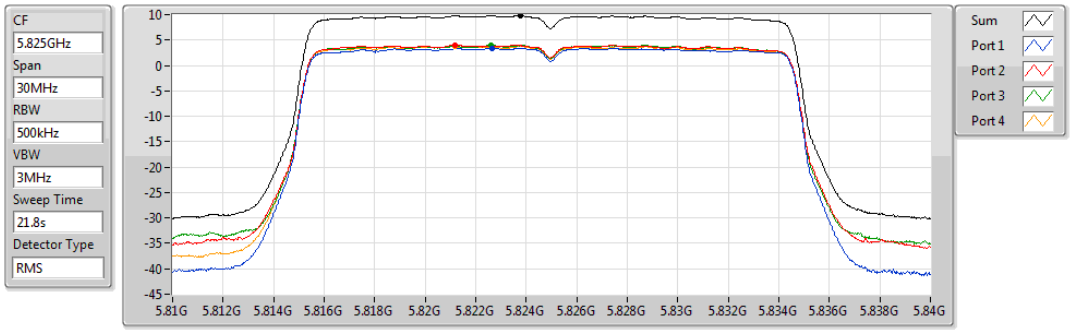


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.59	9.59	3.24	3.97	3.79	3.57

802.11ax HEW20_Nss4,(MCS0)_4TX PSD

5825MHz

25/09/2019

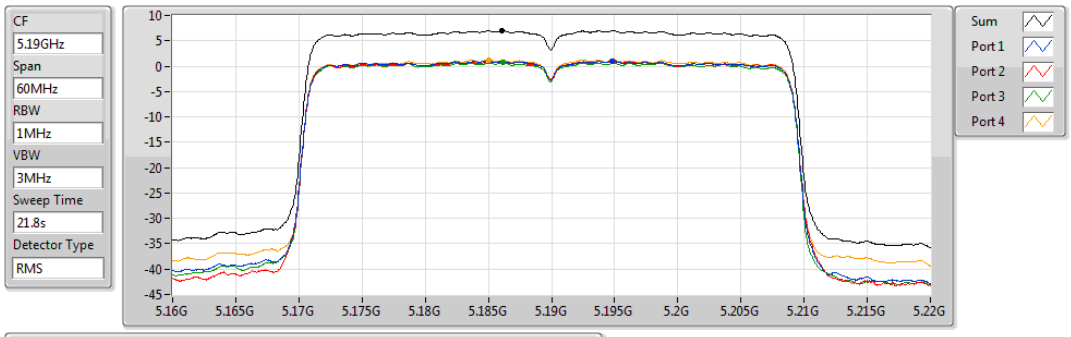


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.77	9.77	3.40	4.07	3.99	3.78

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5190MHz

18/11/2019

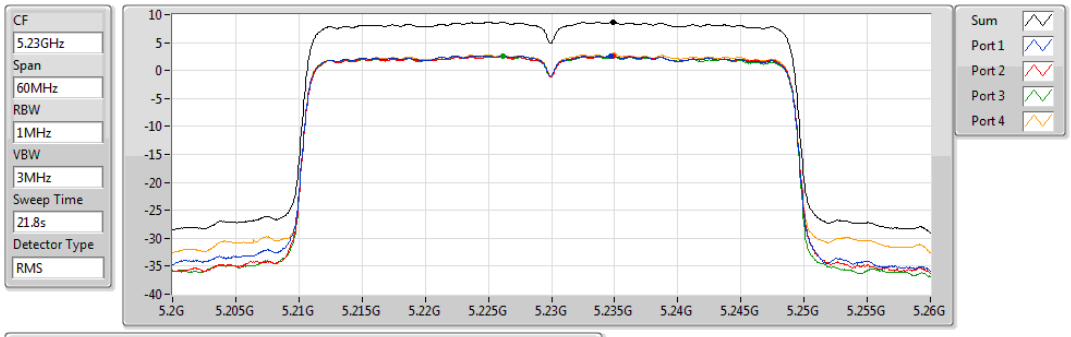


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.96	6.96	0.98	0.97	0.79	1.26

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5230MHz

18/11/2019

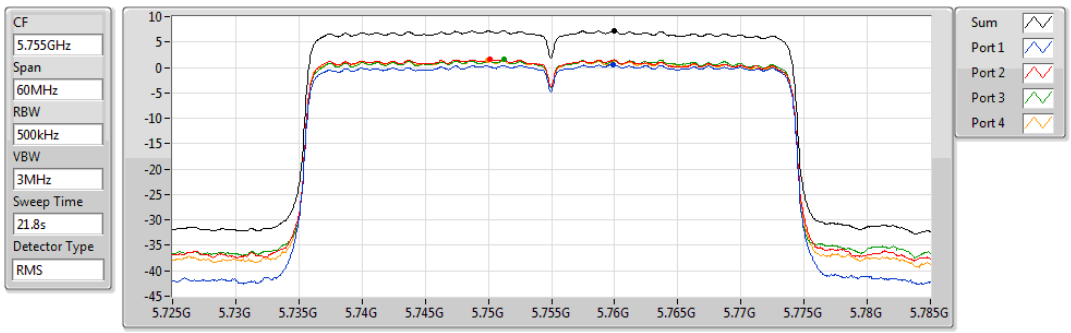


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.66	8.66	2.66	2.62	2.66	2.87

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5755MHz

25/09/2019

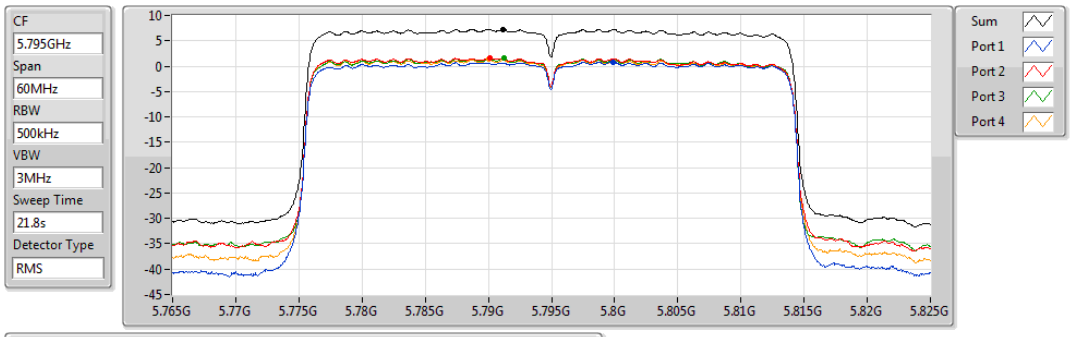


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.24	7.24	0.51	1.64	1.60	1.43

802.11ax HEW40_Nss4,(MCS0)_4TX PSD

5795MHz

25/09/2019

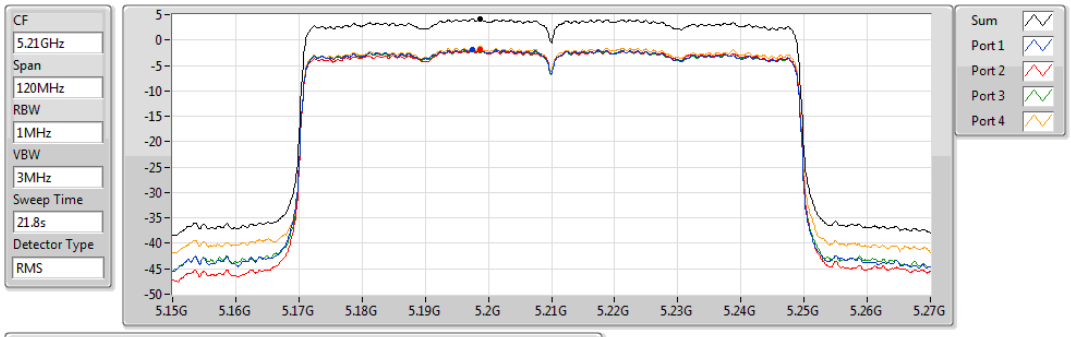


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.28	7.28	0.80	1.65	1.68	1.30

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5210MHz

18/11/2019

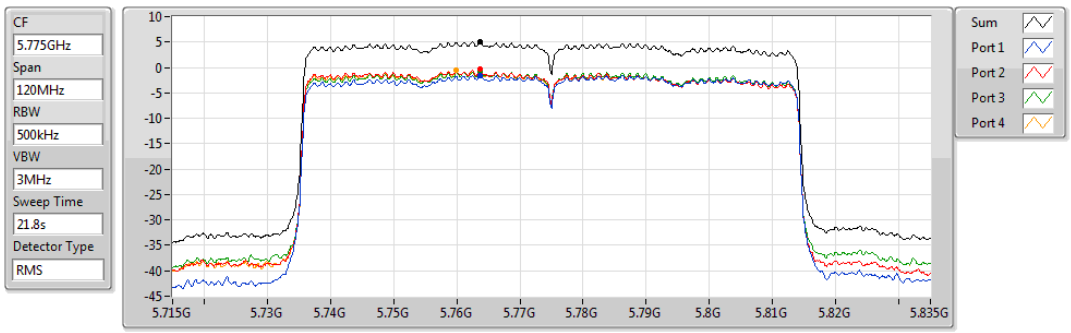


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.23	4.23	-1.77	-1.80	-1.99	-1.56

802.11ax HEW80_Nss4,(MCS0)_4TX PSD

5775MHz

25/09/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.15	5.15	-1.52	-0.40	-0.79	-0.62

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	11.02	19.02
802.11ac VHT20_Nss1,(MCS0)_1TX	9.56	17.56
802.11ac VHT40_Nss1,(MCS0)_1TX	7.29	15.29
802.11ac VHT80_Nss1,(MCS0)_1TX	-3.39	4.61
802.11ax HEW20_Nss1,(MCS0)_1TX	9.64	17.64
802.11ax HEW40_Nss1,(MCS0)_1TX	7.27	15.27
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.14	4.86
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.70	18.70
802.11ac VHT20_Nss1,(MCS0)_1TX	11.26	19.26
802.11ac VHT40_Nss1,(MCS0)_1TX	8.05	16.05
802.11ac VHT80_Nss1,(MCS0)_1TX	1.77	9.77
802.11ax HEW20_Nss1,(MCS0)_1TX	11.14	19.14
802.11ax HEW40_Nss1,(MCS0)_1TX	8.21	16.21
802.11ax HEW80_Nss1,(MCS0)_1TX	2.03	10.03

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

Result

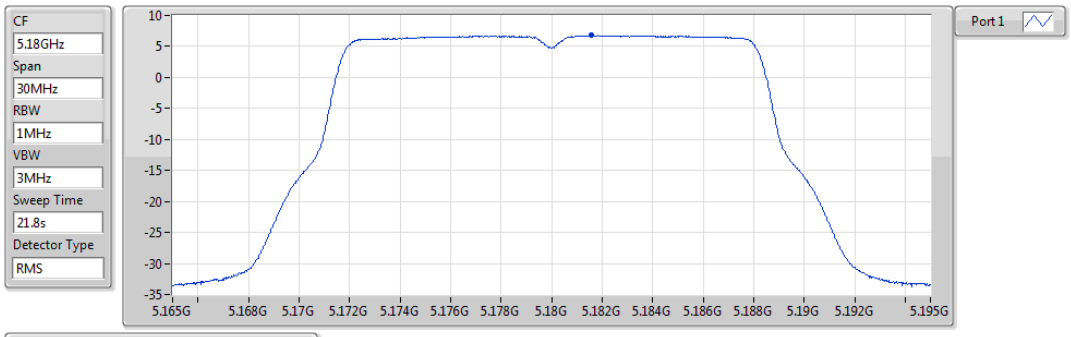
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	6.76	6.76	15.00	14.76	23.00
5200MHz	Pass	8.00	9.69	9.69	15.00	17.69	23.00
5240MHz	Pass	8.00	11.02	11.02	15.00	19.02	23.00
5745MHz	Pass	8.00	9.73	9.73	28.00	17.73	36.00
5785MHz	Pass	8.00	8.85	8.85	28.00	16.85	36.00
5825MHz	Pass	8.00	10.70	10.70	28.00	18.70	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	5.40	5.40	15.00	13.40	23.00
5200MHz	Pass	8.00	8.17	8.17	15.00	16.17	23.00
5240MHz	Pass	8.00	9.56	9.56	15.00	17.56	23.00
5745MHz	Pass	8.00	11.26	11.26	28.00	19.26	36.00
5785MHz	Pass	8.00	10.09	10.09	28.00	18.09	36.00
5825MHz	Pass	8.00	10.52	10.52	28.00	18.52	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	2.78	2.78	15.00	10.78	23.00
5230MHz	Pass	8.00	7.29	7.29	15.00	15.29	23.00
5755MHz	Pass	8.00	7.29	7.29	28.00	15.29	36.00
5795MHz	Pass	8.00	8.05	8.05	28.00	16.05	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-3.39	-3.39	15.00	4.61	23.00
5775MHz	Pass	8.00	1.77	1.77	28.00	9.77	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	5.63	5.63	15.00	13.63	23.00
5200MHz	Pass	8.00	8.26	8.26	15.00	16.26	23.00
5240MHz	Pass	8.00	9.64	9.64	15.00	17.64	23.00
5745MHz	Pass	8.00	11.14	11.14	28.00	19.14	36.00
5785MHz	Pass	8.00	9.94	9.94	28.00	17.94	36.00
5825MHz	Pass	8.00	10.48	10.48	28.00	18.48	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	2.96	2.96	15.00	10.96	23.00
5230MHz	Pass	8.00	7.27	7.27	15.00	15.27	23.00
5755MHz	Pass	8.00	7.28	7.28	28.00	15.28	36.00
5795MHz	Pass	8.00	8.21	8.21	28.00	16.21	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-3.14	-3.14	15.00	4.86	23.00
5775MHz	Pass	8.00	2.03	2.03	28.00	10.03	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

28/09/2019

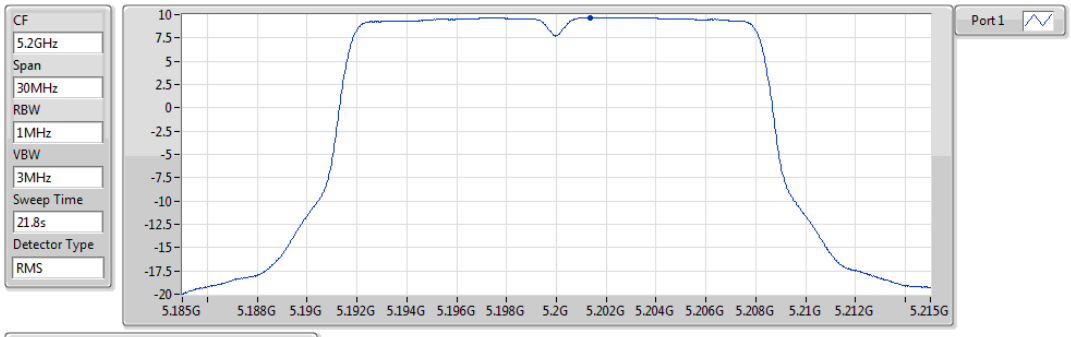


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.76	6.76	6.76

802.11a_Nss1,(6Mbps)_1TX PSD

5200MHz

28/09/2019

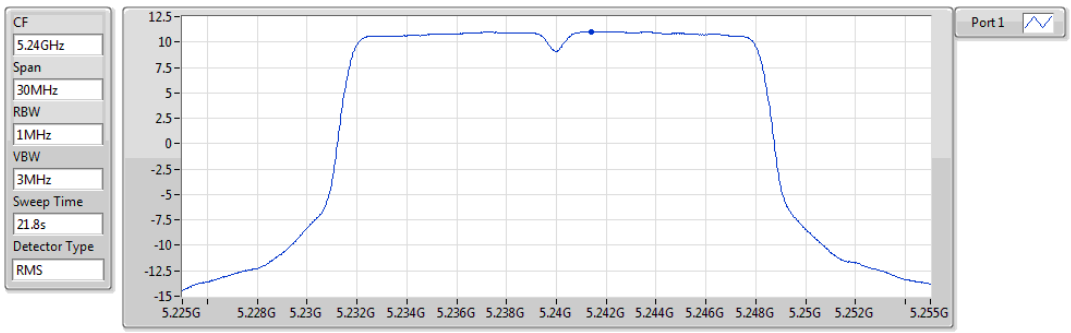


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.69	9.69	9.69

802.11a_Nss1,(6Mbps)_1TX PSD

5240MHz

28/09/2019

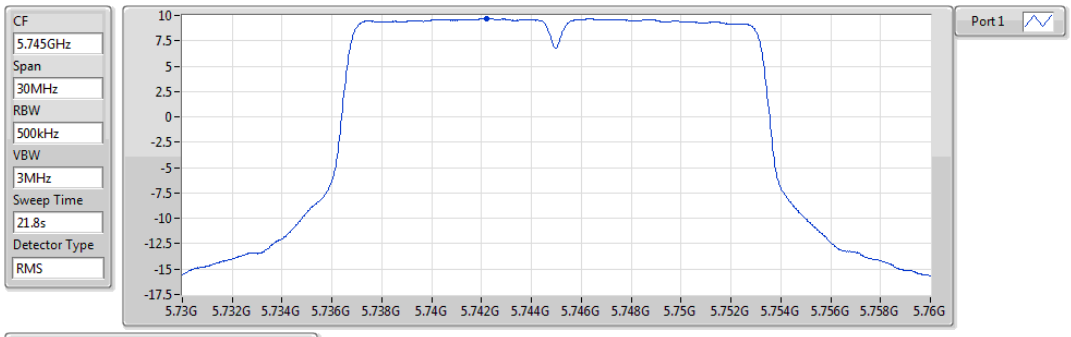


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.02	11.02	11.02

802.11a_Nss1,(6Mbps)_1TX PSD

5745MHz

28/09/2019

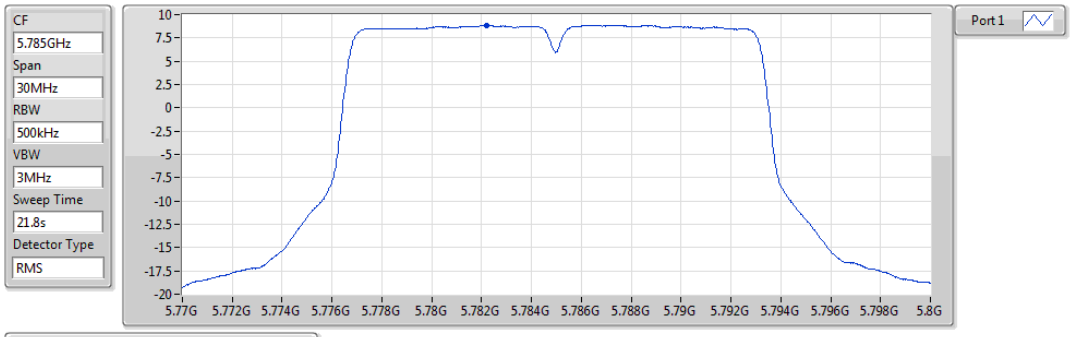


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.73	9.73	9.73

802.11a_Nss1,(6Mbps)_1TX PSD

5785MHz

28/09/2019

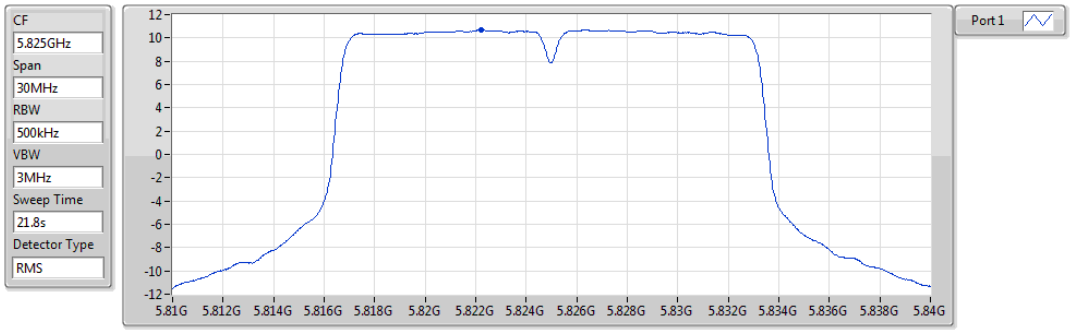


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.85	8.85	8.85

802.11a_Nss1,(6Mbps)_1TX PSD

5825MHz

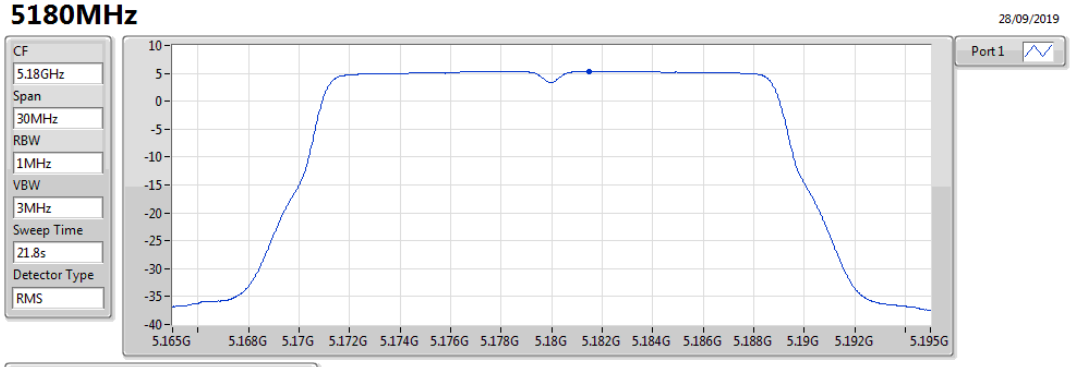
28/09/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.70	10.70	10.70

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

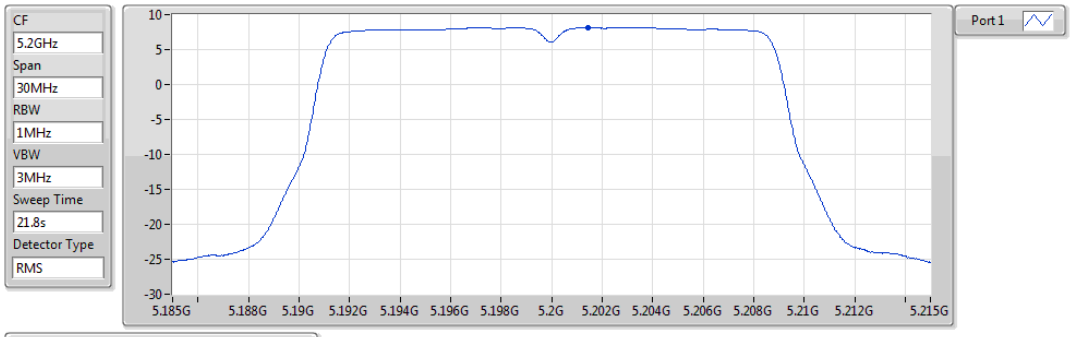
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.40	5.40	5.40

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

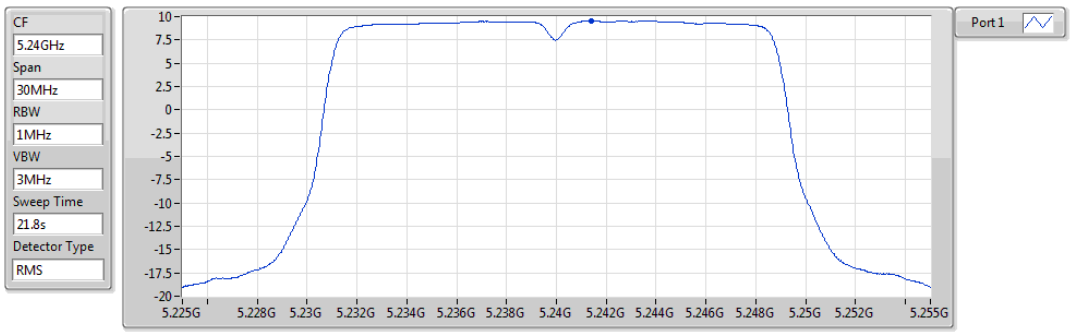
5200MHz



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

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

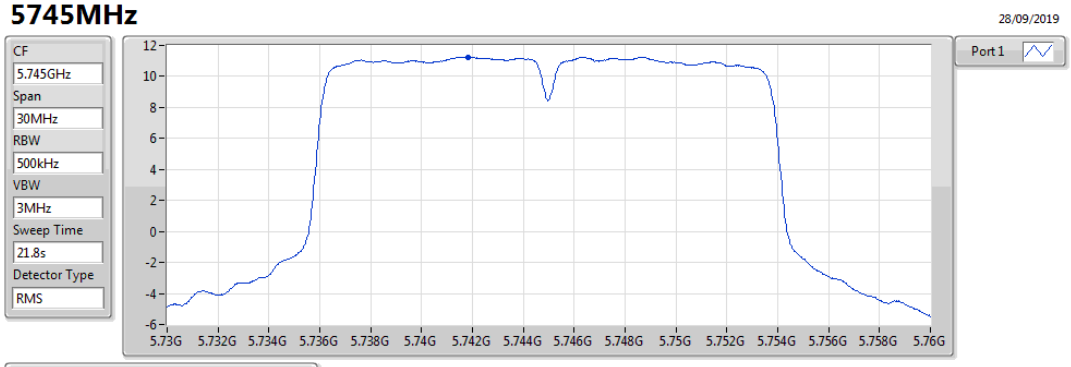
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.56	9.56	9.56

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

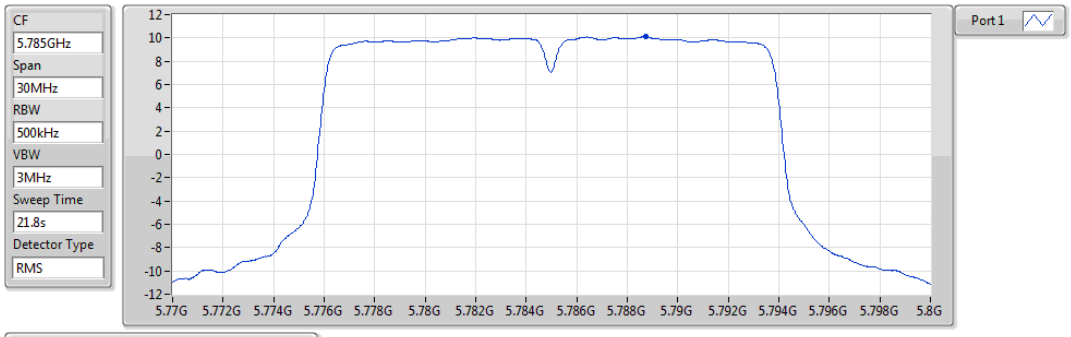
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.26	11.26	11.26

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

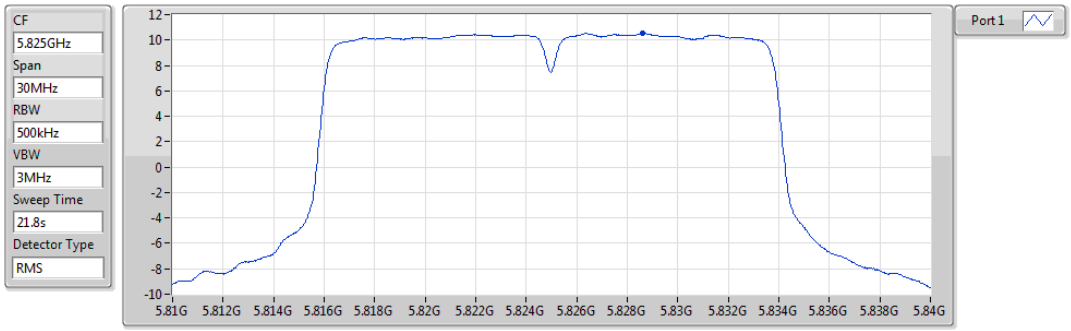
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.09	10.09	10.09

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

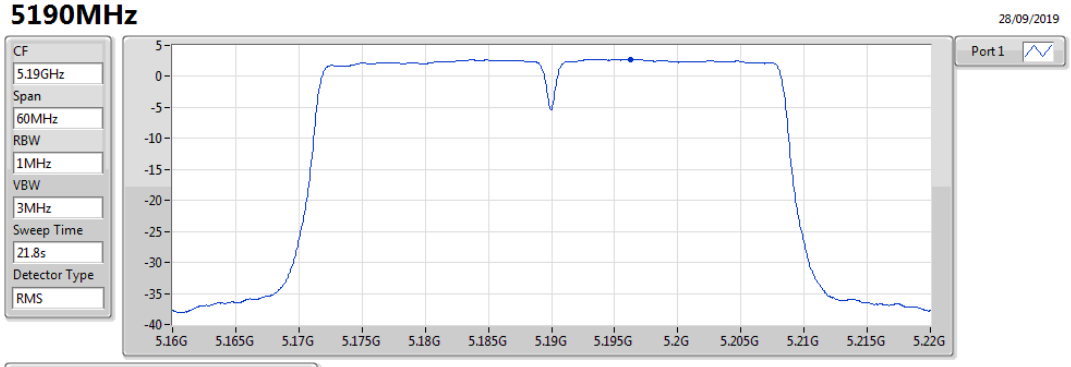
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.52	10.52	10.52

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

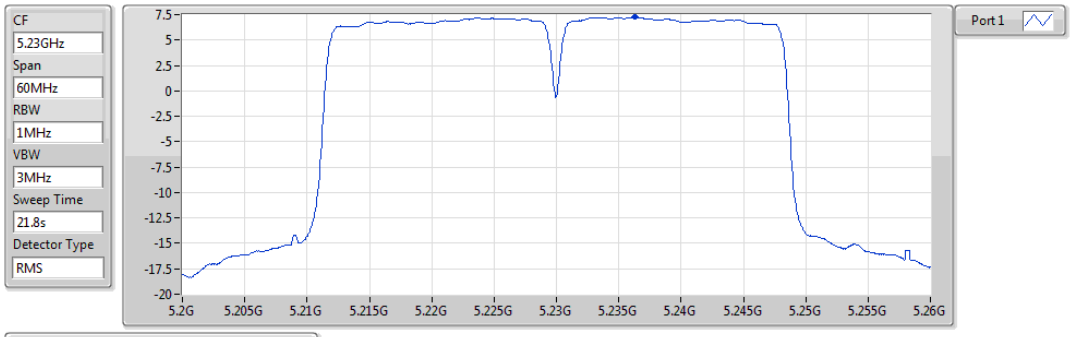
5190MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.78	2.78	2.78

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

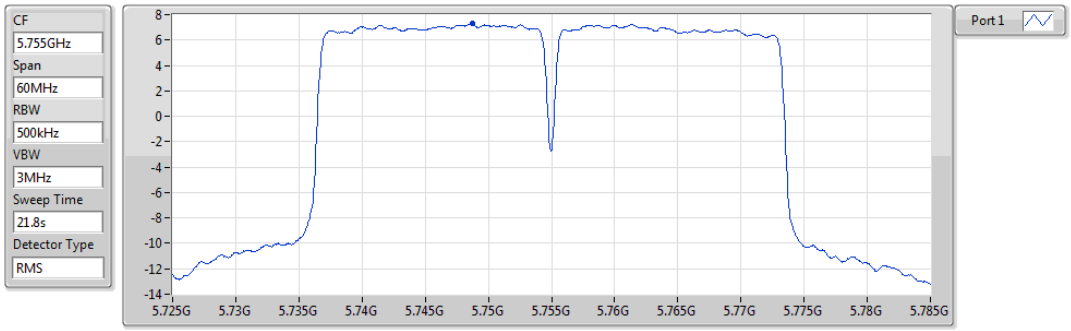
5230MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.29	7.29	7.29

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

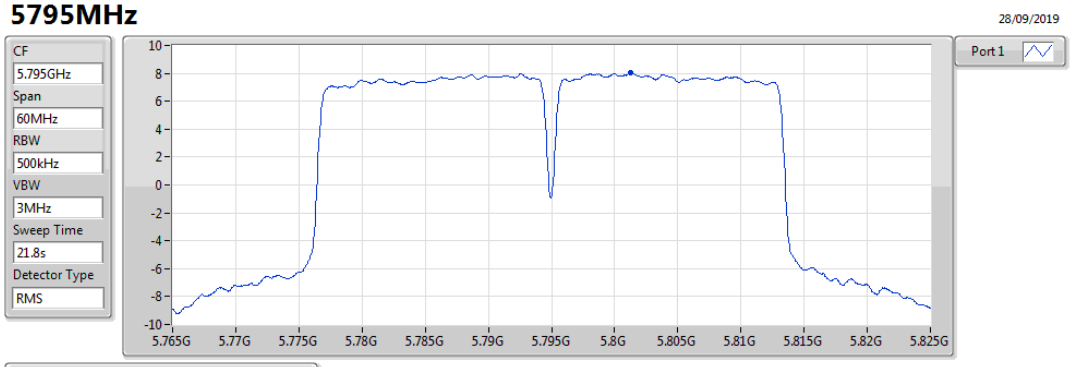
5755MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.29	7.29	7.29

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

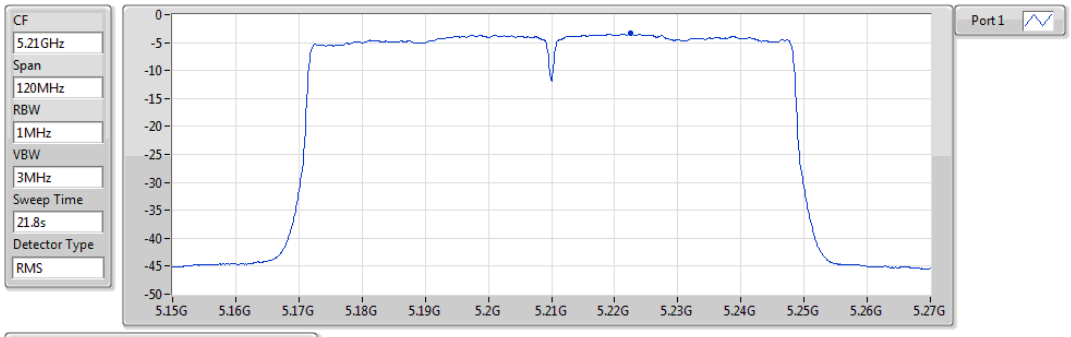
5795MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.05	8.05	8.05

802.11ac VHT80_Nss1,(MCS0)_1TX PSD

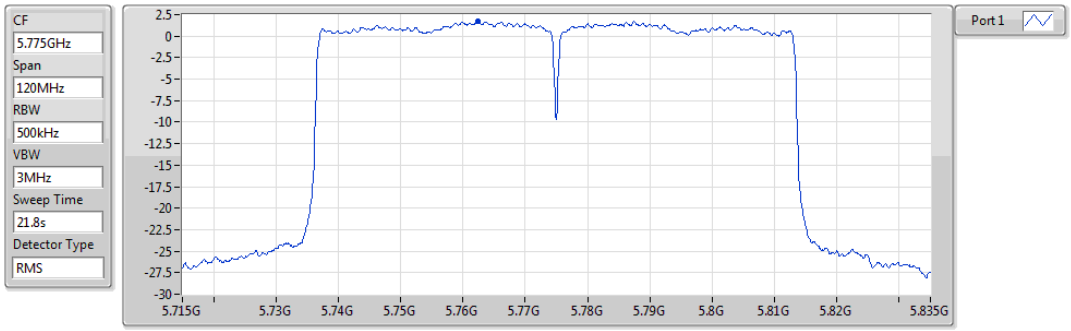
5210MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.39	-3.39	-3.39

802.11ac VHT80_Nss1,(MCS0)_1TX PSD

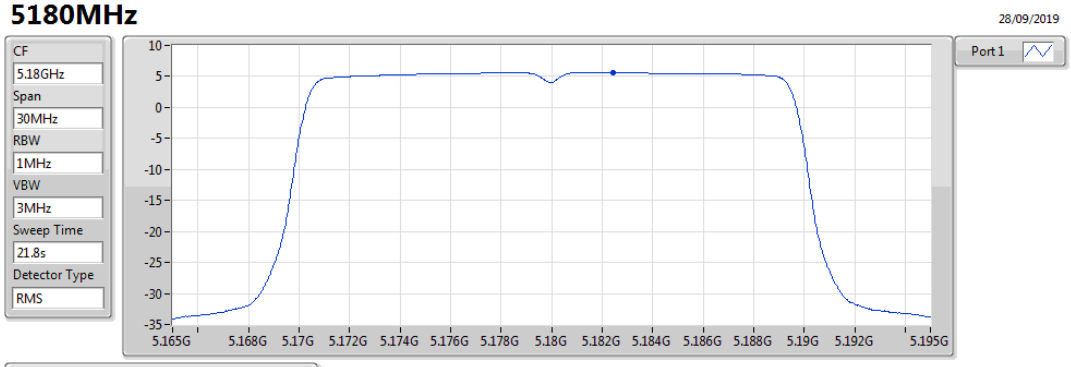
5775MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.77	1.77	1.77

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

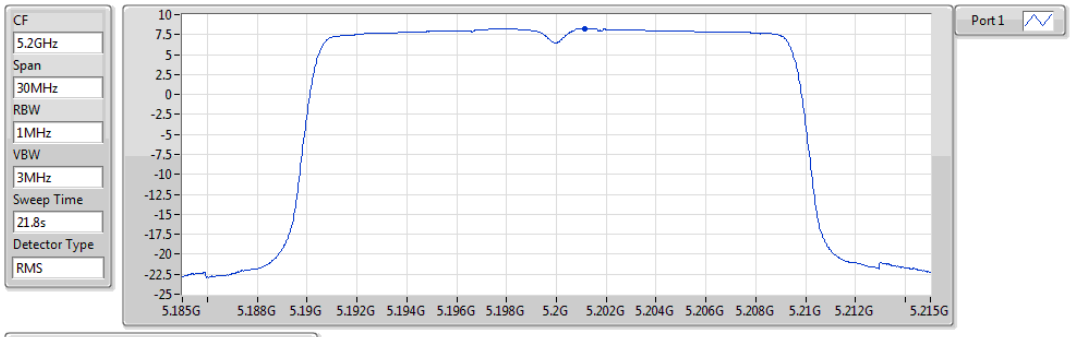
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.63	5.63	5.63

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

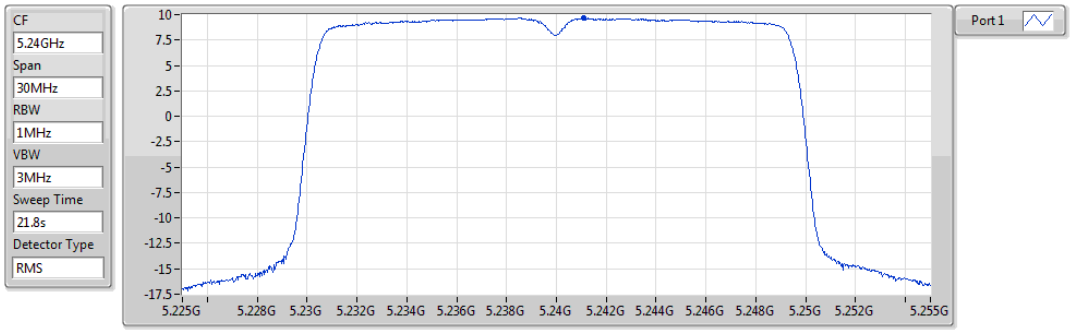
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.26	8.26	8.26

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5240MHz

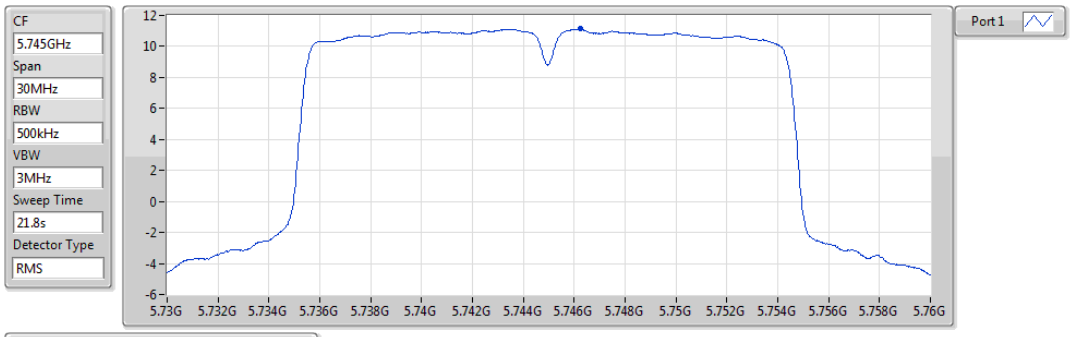


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.64	9.64	9.64

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5745MHz

28/09/2019

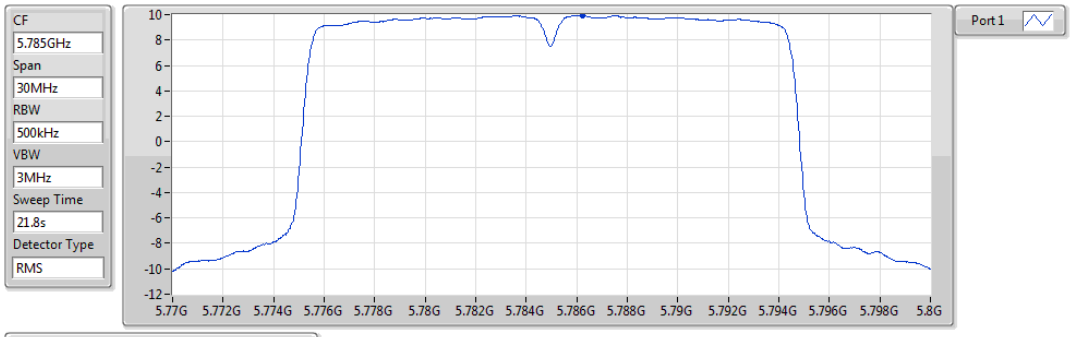


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.14	11.14	11.14

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5785MHz

28/09/2019

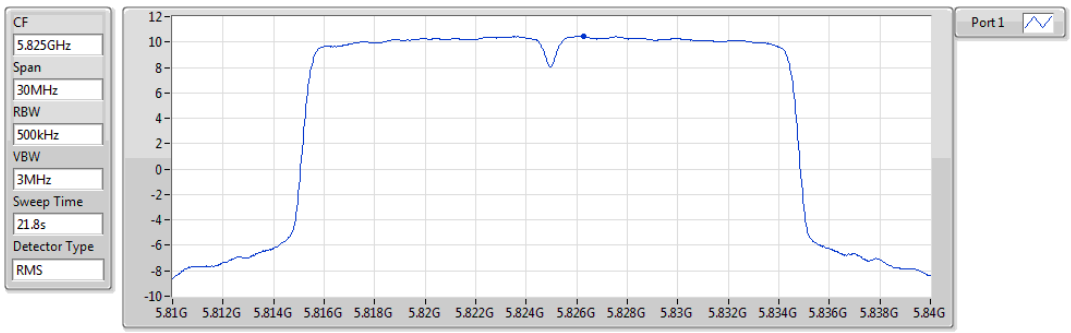


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.94	9.94	9.94

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5825MHz

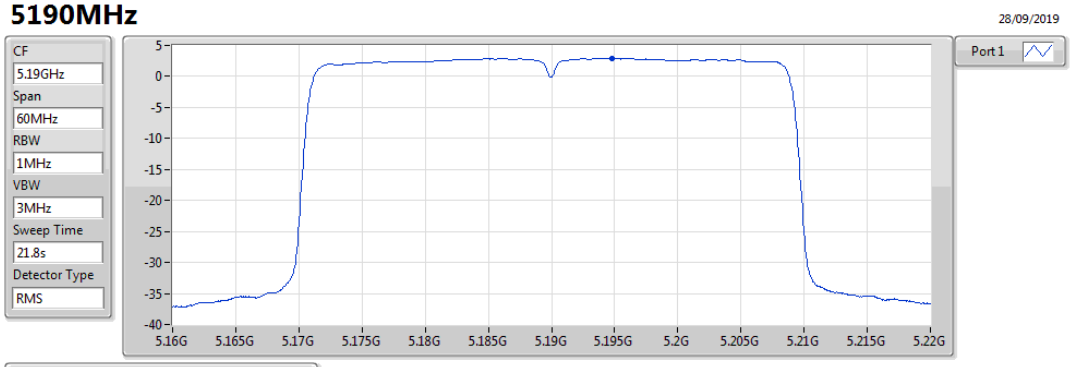
28/09/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.48	10.48	10.48

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

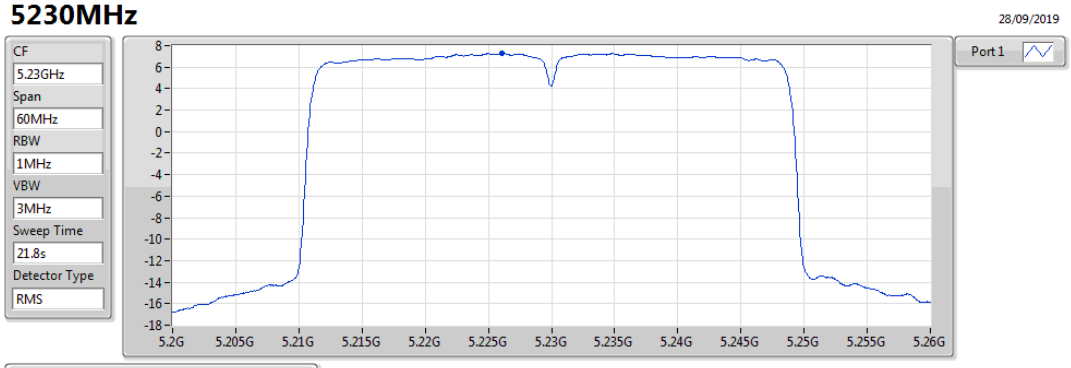
5190MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.96	2.96	2.96

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

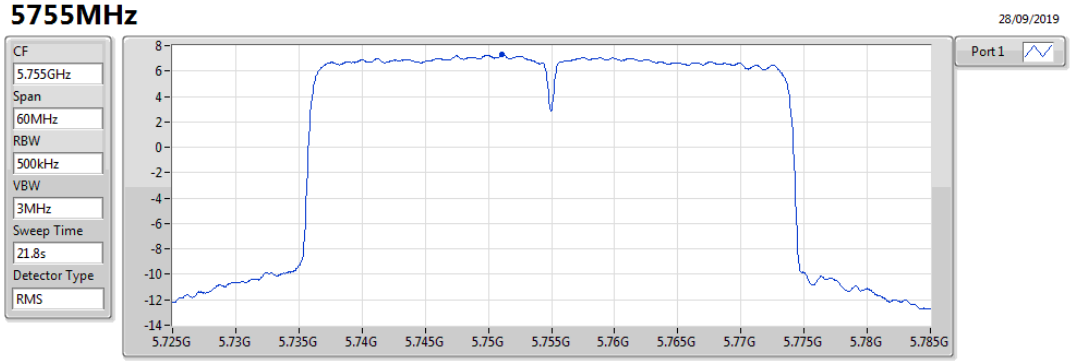
5230MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.27	7.27	7.27

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

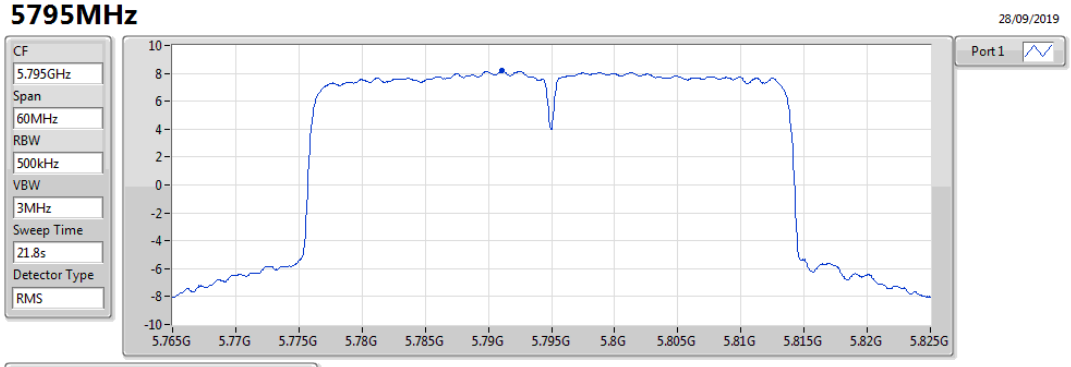
5755MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.28	7.28	7.28

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

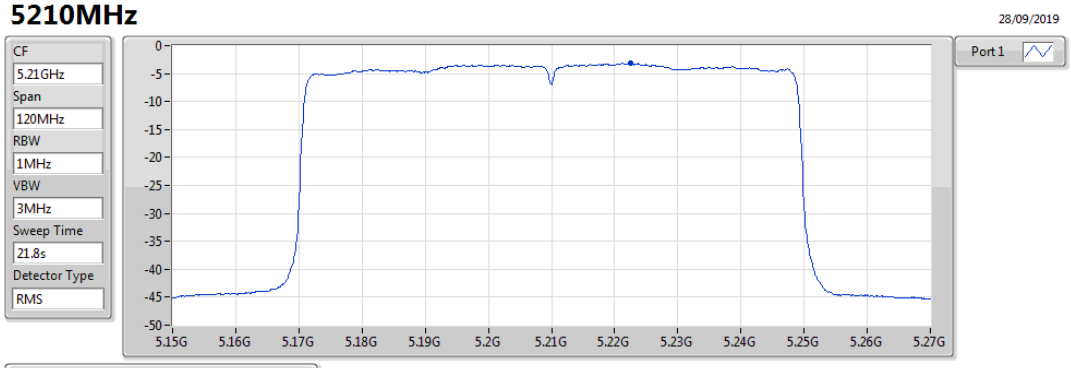
5795MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.21	8.21	8.21

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

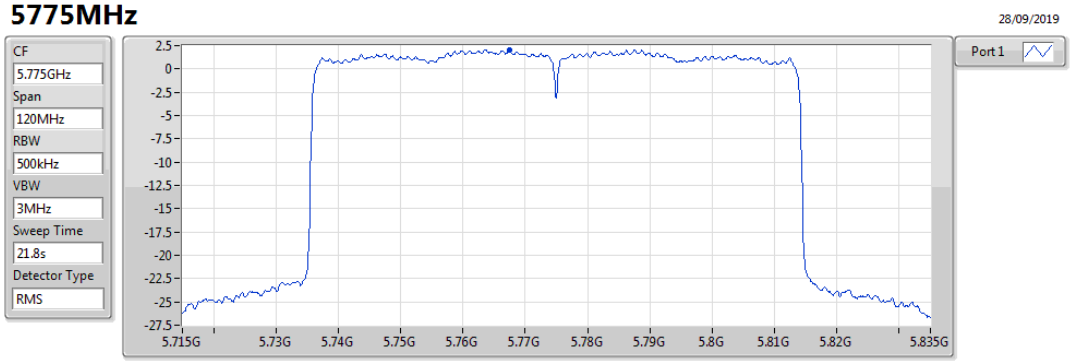
5210MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.14	-3.14	-3.14

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

5775MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.03	2.03	2.03

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.50	19.51
802.11ac VHT20_Nss2,(MCS0)_2TX	8.55	16.55
802.11ac VHT40_Nss2,(MCS0)_2TX	8.04	16.04
802.11ac VHT80_Nss2,(MCS0)_2TX	-4.60	3.40
802.11ax HEW20_Nss2,(MCS0)_2TX	8.86	16.86
802.11ax HEW40_Nss2,(MCS0)_2TX	8.01	16.01
802.11ax HEW80_Nss2,(MCS0)_2TX	-4.36	3.64
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	12.85	23.86
802.11ac VHT20_Nss2,(MCS0)_2TX	12.15	20.15
802.11ac VHT40_Nss2,(MCS0)_2TX	9.01	17.01
802.11ac VHT80_Nss2,(MCS0)_2TX	3.06	11.06
802.11ax HEW20_Nss2,(MCS0)_2TX	11.97	19.97
802.11ax HEW40_Nss2,(MCS0)_2TX	8.81	16.81
802.11ax HEW80_Nss2,(MCS0)_2TX	2.98	10.98

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

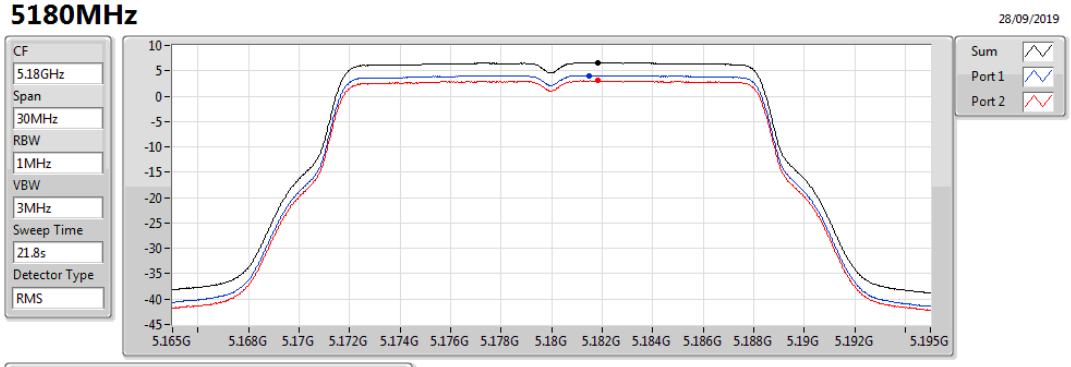
Result

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	4.08	3.04	6.60	11.99	17.61	23.00
5200MHz	Pass	11.01	6.04	4.87	8.50	11.99	19.51	23.00
5240MHz	Pass	11.01	5.87	4.80	8.37	11.99	19.38	23.00
5745MHz	Pass	11.01	10.66	8.85	12.85	24.99	23.86	36.00
5785MHz	Pass	11.01	6.73	5.63	9.22	24.99	20.23	36.00
5825MHz	Pass	11.01	9.49	8.06	11.84	24.99	22.85	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	3.05	2.08	5.57	15.00	13.57	23.00
5200MHz	Pass	8.00	6.01	5.00	8.52	15.00	16.52	23.00
5240MHz	Pass	8.00	6.12	4.94	8.55	15.00	16.55	23.00
5745MHz	Pass	8.00	9.83	8.06	12.02	28.00	20.02	36.00
5785MHz	Pass	8.00	9.56	7.82	11.73	28.00	19.73	36.00
5825MHz	Pass	8.00	9.97	8.19	12.15	28.00	20.15	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	1.09	0.19	3.61	15.00	11.61	23.00
5230MHz	Pass	8.00	5.77	4.30	8.04	15.00	16.04	23.00
5755MHz	Pass	8.00	6.83	5.06	9.01	28.00	17.01	36.00
5795MHz	Pass	8.00	6.66	5.22	8.96	28.00	16.96	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-7.11	-8.00	-4.60	15.00	3.40	23.00
5775MHz	Pass	8.00	0.60	-0.58	3.06	28.00	11.06	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	3.43	2.43	5.97	15.00	13.97	23.00
5200MHz	Pass	8.00	6.41	5.20	8.86	15.00	16.86	23.00
5240MHz	Pass	8.00	6.35	5.17	8.80	15.00	16.80	23.00
5745MHz	Pass	8.00	9.76	7.99	11.97	28.00	19.97	36.00
5785MHz	Pass	8.00	9.24	7.63	11.50	28.00	19.50	36.00
5825MHz	Pass	8.00	9.66	8.03	11.93	28.00	19.93	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	0.96	0.13	3.56	15.00	11.56	23.00
5230MHz	Pass	8.00	5.61	4.31	8.01	15.00	16.01	23.00
5755MHz	Pass	8.00	6.61	5.00	8.81	28.00	16.81	36.00
5795MHz	Pass	8.00	6.51	5.01	8.75	28.00	16.75	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-6.91	-7.87	-4.36	15.00	3.64	23.00
5775MHz	Pass	8.00	0.73	-0.91	2.98	28.00	10.98	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

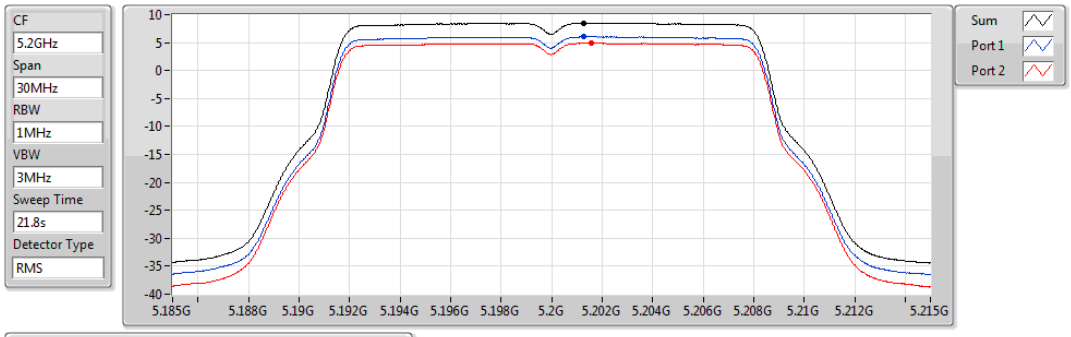
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.60	6.60	4.08	3.04

802.11a_Nss1,(6Mbps)_2TX PSD

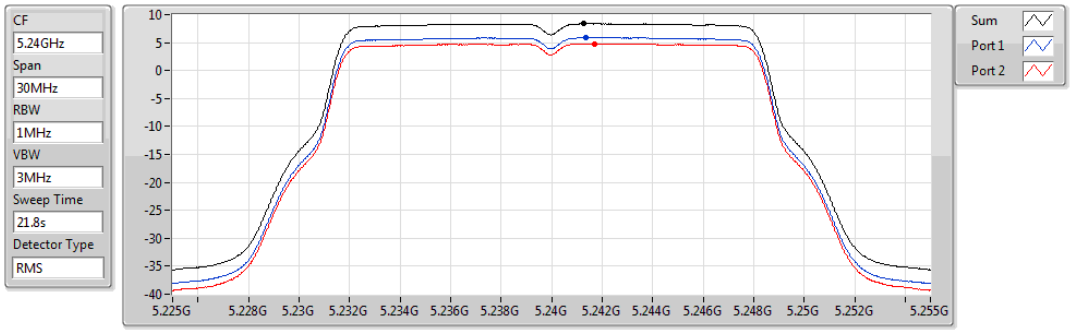
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.50	8.50	6.04	4.87

802.11a_Nss1,(6Mbps)_2TX PSD

5240MHz

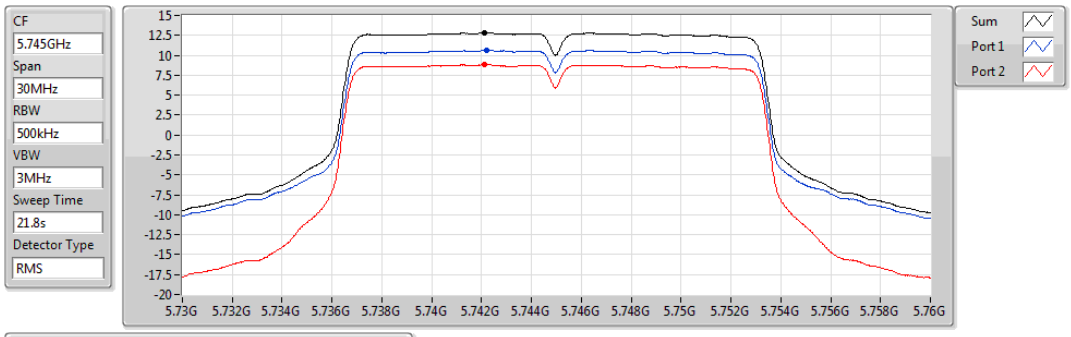


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.37	8.37	5.87	4.80

802.11a_Nss1,(6Mbps)_2TX PSD

5745MHz

28/09/2019

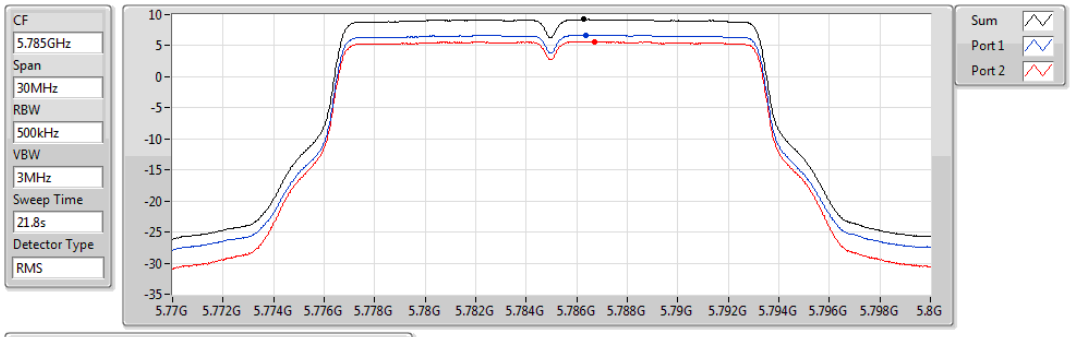


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.85	12.85	10.66	8.85

802.11a_Nss1,(6Mbps)_2TX PSD

5785MHz

28/09/2019

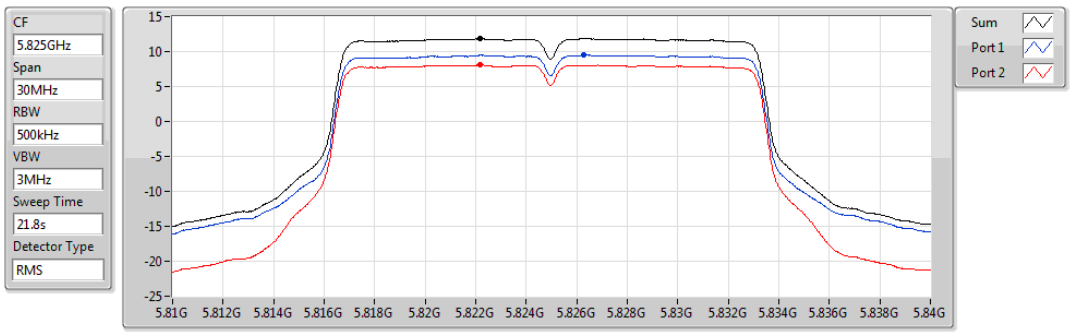


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.22	9.22	6.73	5.63

802.11a_Nss1,(6Mbps)_2TX PSD

5825MHz

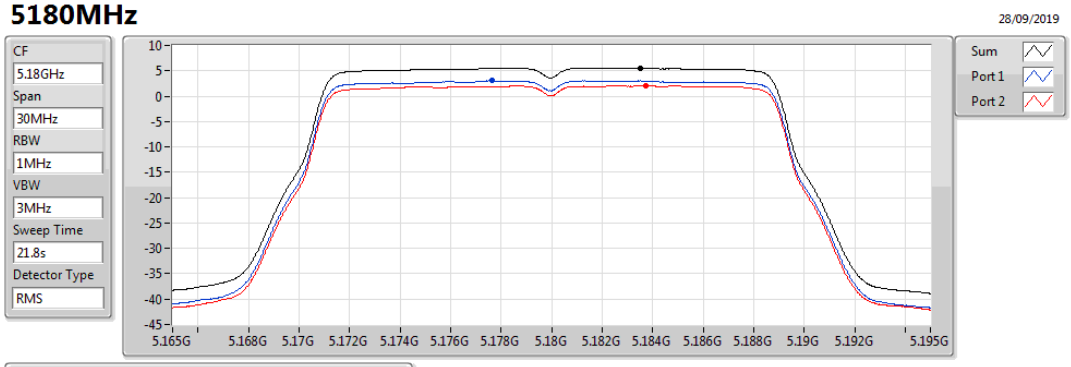
28/09/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.84	11.84	9.49	8.06

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

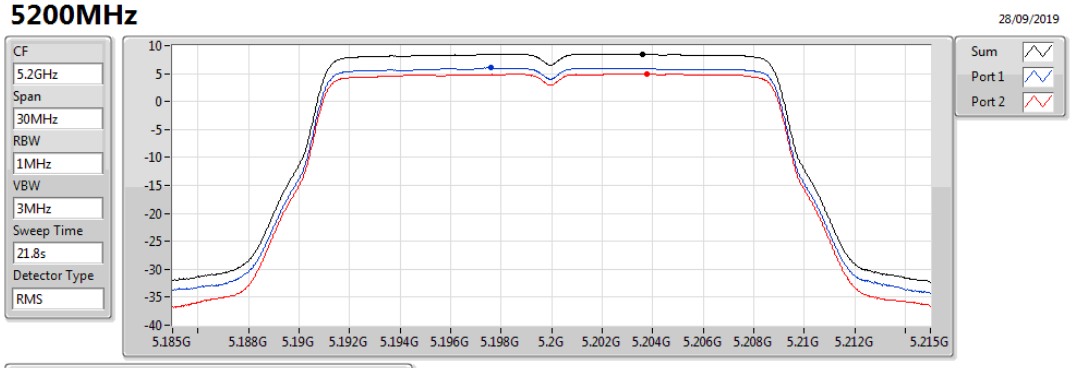
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.57	5.57	3.05	2.08

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

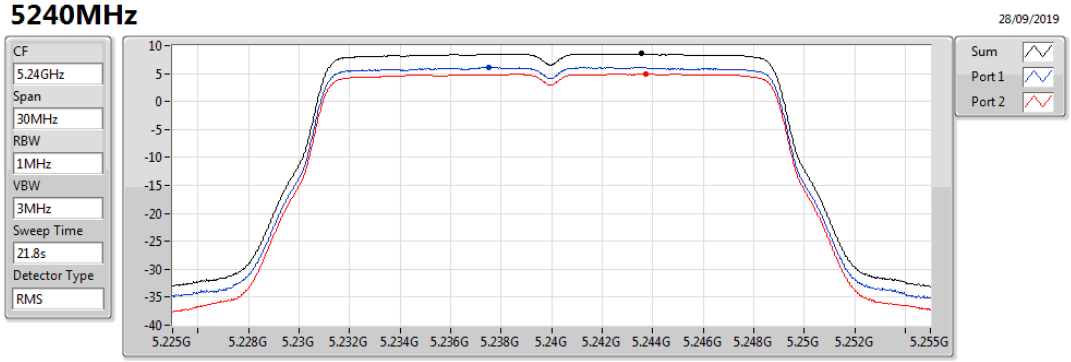
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.52	8.52	6.01	5.00

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5240MHz

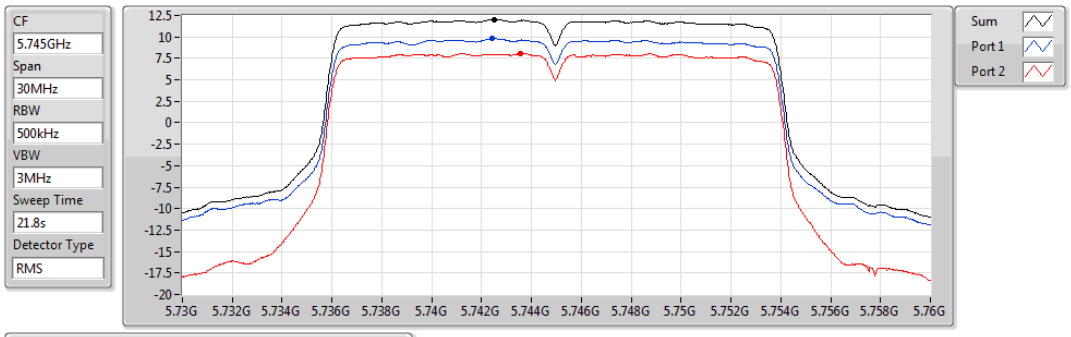


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	6.12	4.94

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5745MHz

28/09/2019

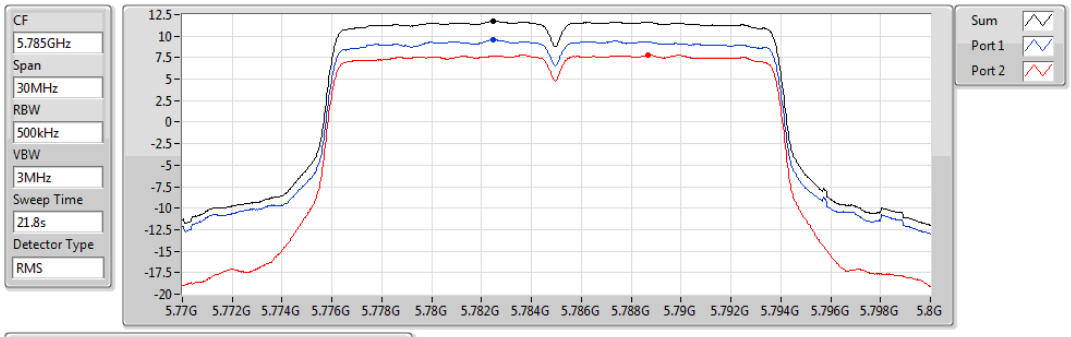


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.02	12.02	9.83	8.06

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5785MHz

28/09/2019

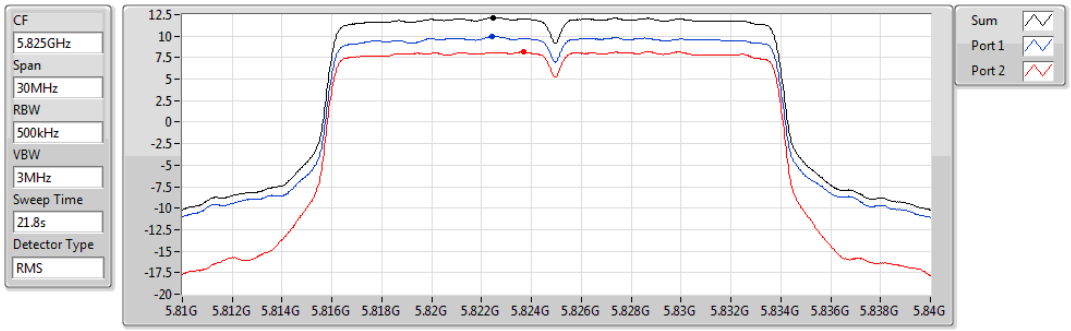


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.73	11.73	9.56	7.82

802.11ac VHT20_Nss2,(MCS0)_2TX PSD

5825MHz

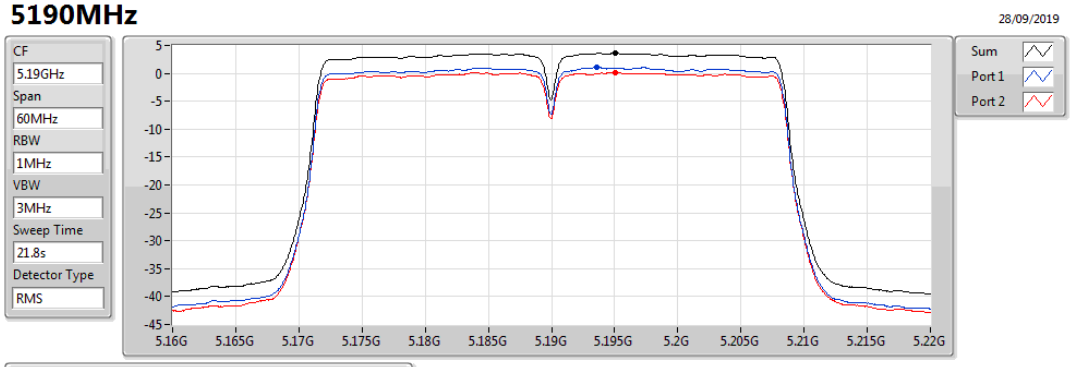
28/09/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.15	12.15	9.97	8.19

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

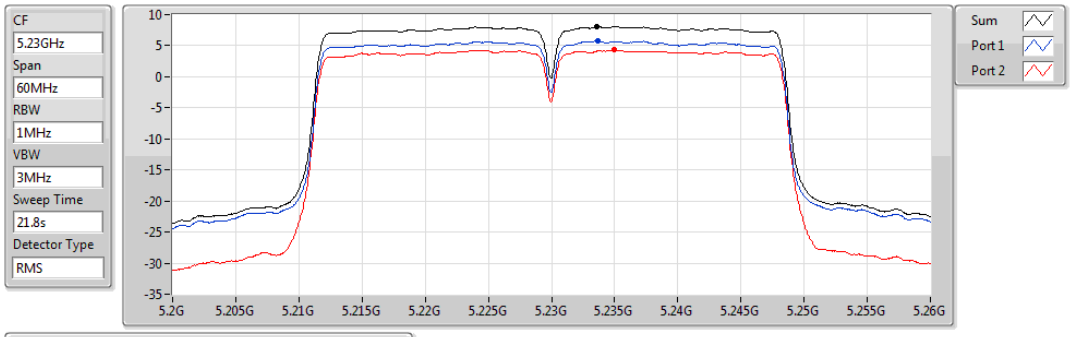
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.61	3.61	1.09	0.19

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

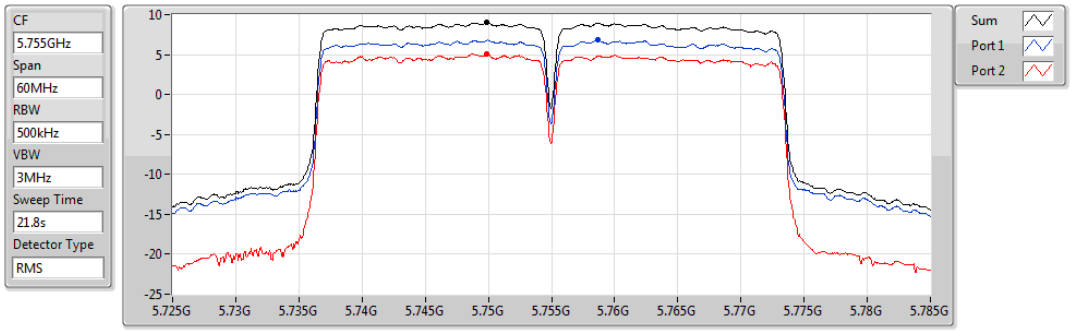
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.04	8.04	5.77	4.30

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

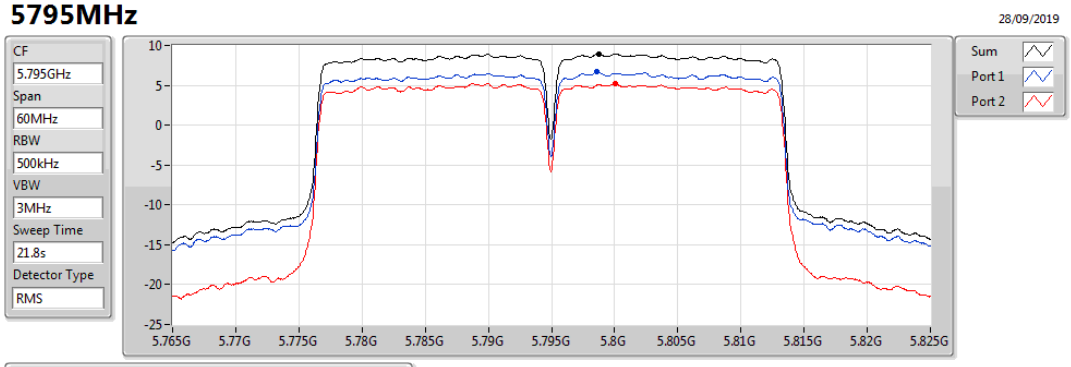
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.01	9.01	6.83	5.06

802.11ac VHT40_Nss2,(MCS0)_2TX PSD

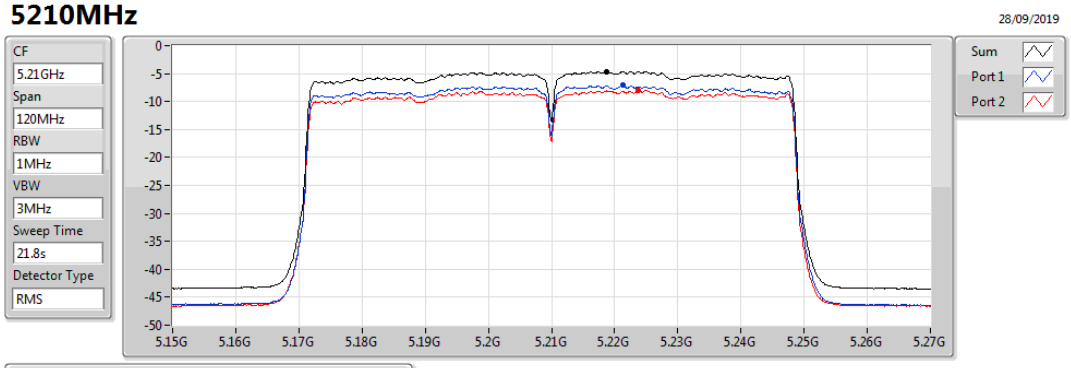
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.96	8.96	6.66	5.22

802.11ac VHT80_Nss2,(MCS0)_2TX PSD

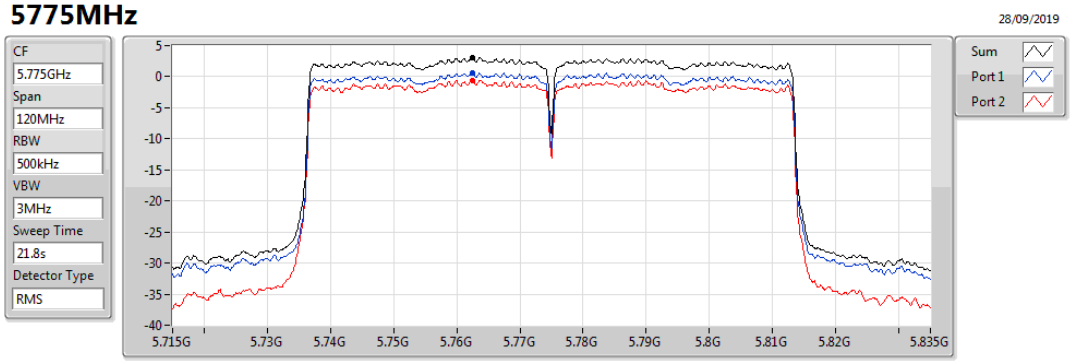
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.60	-4.60	-7.11	-8.00

802.11ac VHT80_Nss2,(MCS0)_2TX PSD

5775MHz

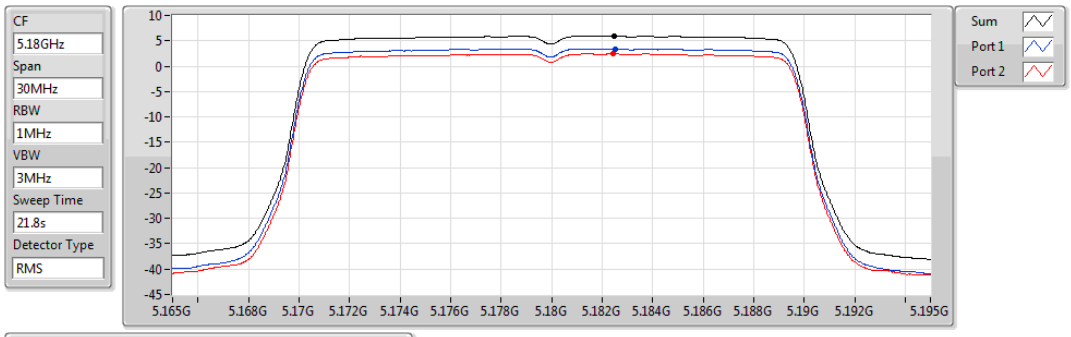


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.06	3.06	0.60	-0.58

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5180MHz

28/09/2019

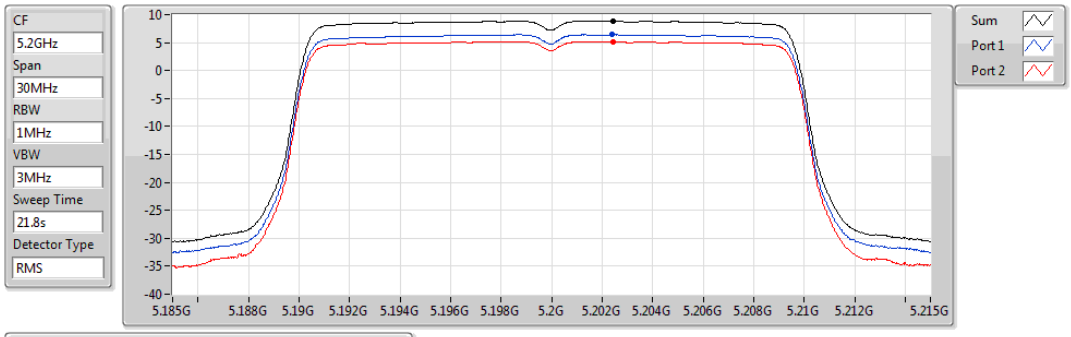


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.97	5.97	3.43	2.43

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5200MHz

28/09/2019

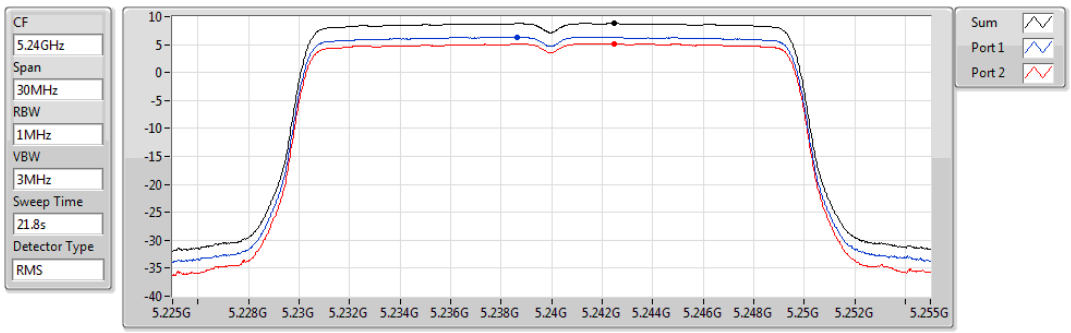


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.86	8.86	6.41	5.20

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5240MHz

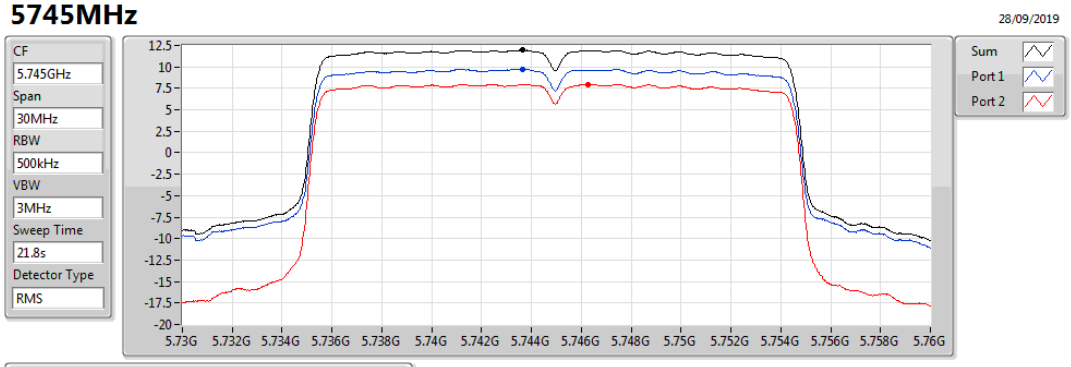
28/09/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.80	8.80	6.35	5.17

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

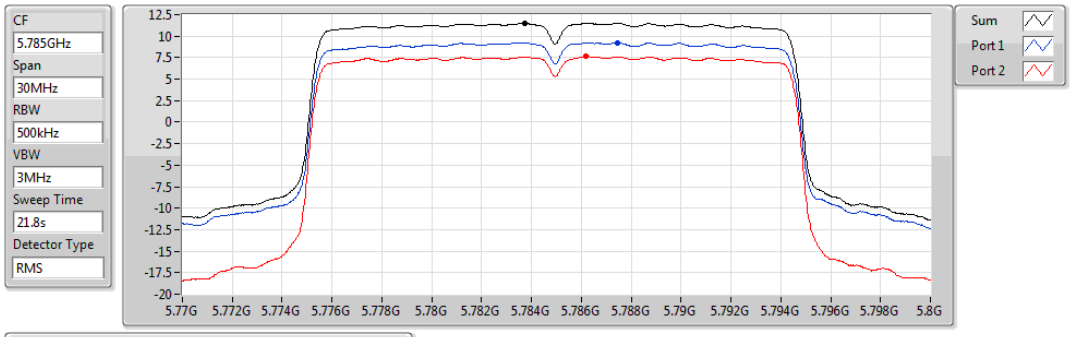
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.97	11.97	9.76	7.99

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

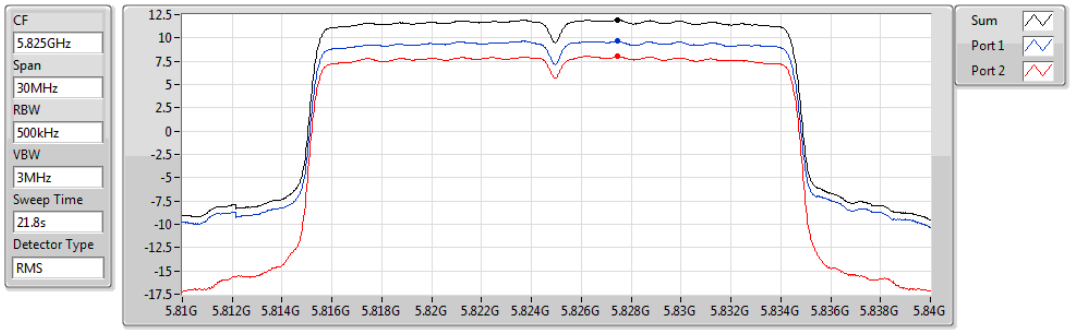
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.50	11.50	9.24	7.63

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

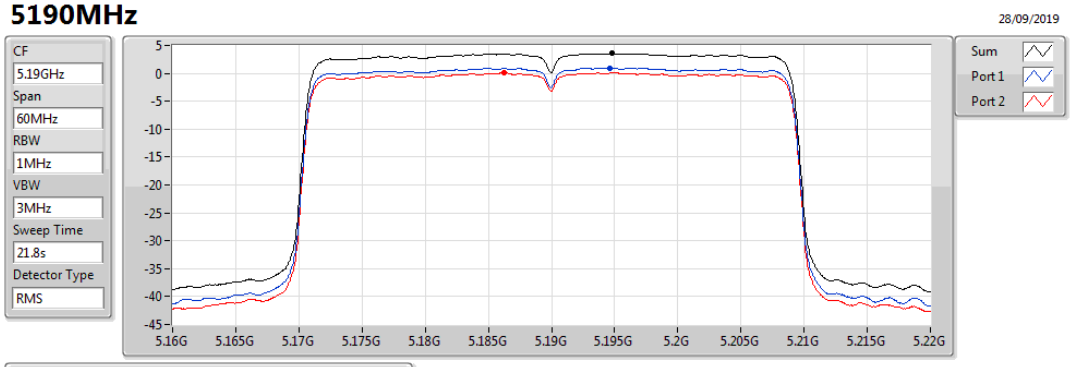
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.93	11.93	9.66	8.03

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

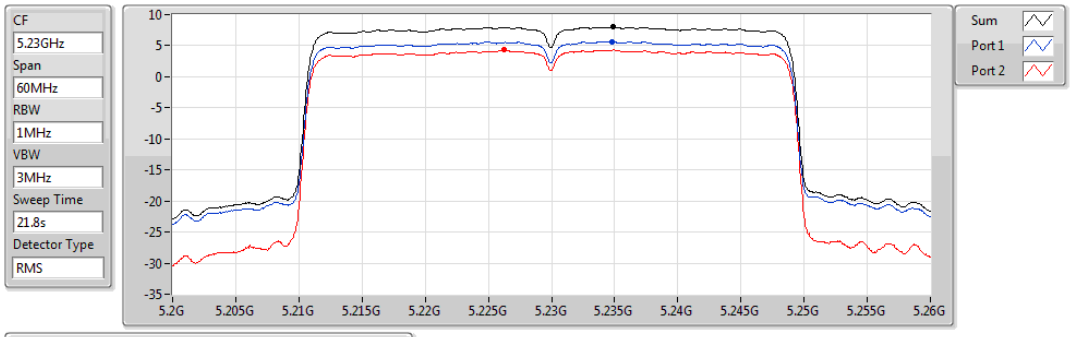
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.56	3.56	0.96	0.13

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

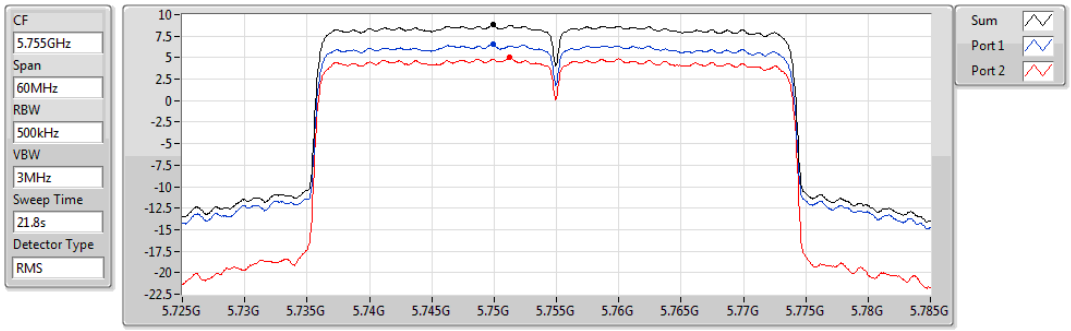
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.01	8.01	5.61	4.31

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

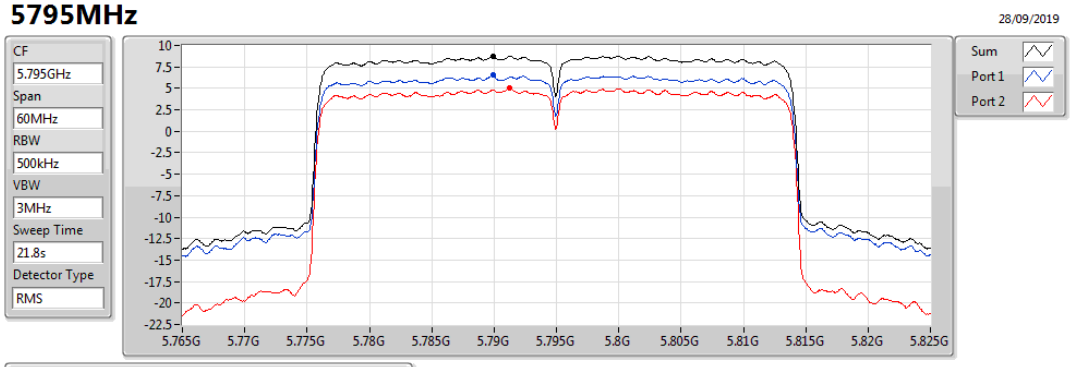
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.81	8.81	6.61	5.00

802.11ax HEW40_Nss2,(MCS0)_2TX PSD

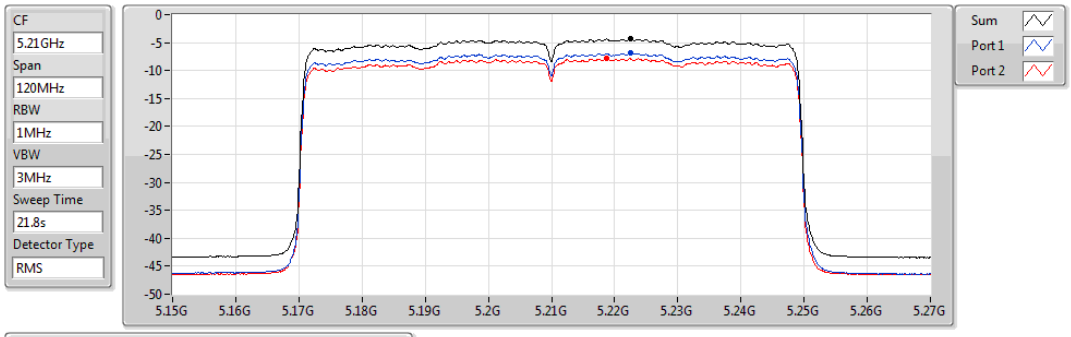
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.75	8.75	6.51	5.01

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

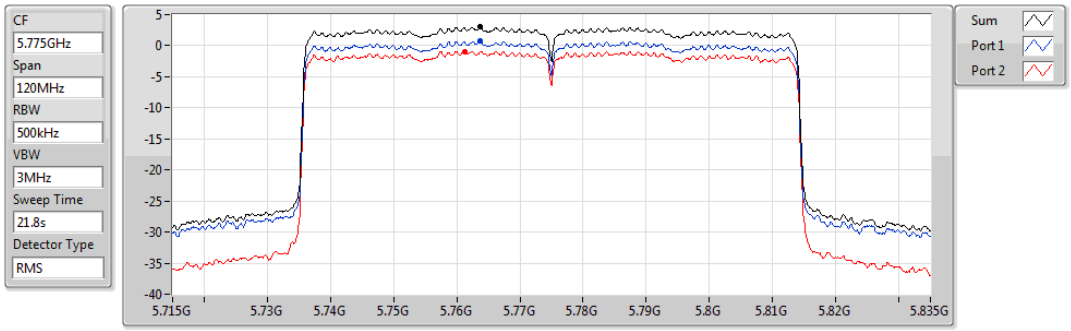
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.36	-4.36	-6.91	-7.87

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.98	2.98	0.73	-0.91

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.95	21.65
802.11ac VHT20_Nss1,(MCS0)_1TX	10.51	21.21
802.11ac VHT40_Nss1,(MCS0)_1TX	7.46	18.16
802.11ac VHT80_Nss1,(MCS0)_1TX	-5.18	5.52
802.11ax HEW20_Nss1,(MCS0)_1TX	10.46	21.16
802.11ax HEW40_Nss1,(MCS0)_1TX	7.35	18.05
802.11ax HEW80_Nss1,(MCS0)_1TX	-5.13	5.57
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.19	20.89
802.11ac VHT20_Nss1,(MCS0)_1TX	10.07	20.77
802.11ac VHT40_Nss1,(MCS0)_1TX	7.21	17.91
802.11ac VHT80_Nss1,(MCS0)_1TX	0.69	11.39
802.11ax HEW20_Nss1,(MCS0)_1TX	9.78	20.48
802.11ax HEW40_Nss1,(MCS0)_1TX	7.02	17.72
802.11ax HEW80_Nss1,(MCS0)_1TX	0.49	11.19

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

Result

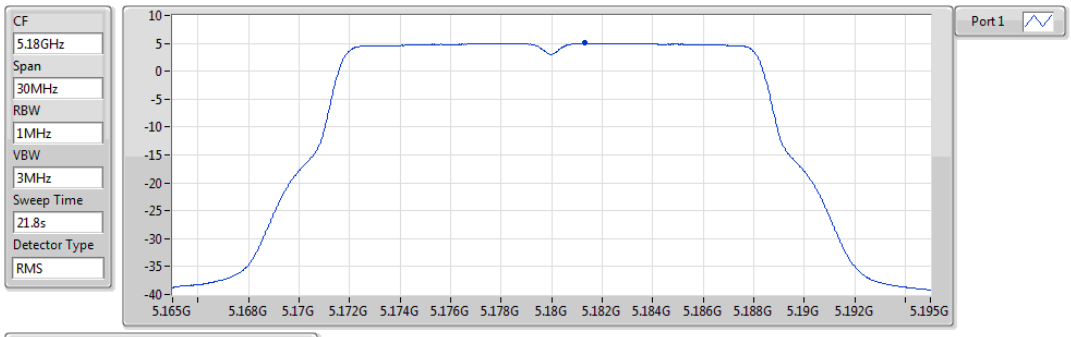
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	5.02	5.02	12.30	15.72	23.00
5200MHz	Pass	10.70	9.01	9.01	12.30	19.71	23.00
5240MHz	Pass	10.70	10.95	10.95	12.30	21.65	23.00
5745MHz	Pass	10.70	9.65	9.65	25.30	20.35	36.00
5785MHz	Pass	10.70	9.94	9.94	25.30	20.64	36.00
5825MHz	Pass	10.70	10.19	10.19	25.30	20.89	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	5.01	5.01	12.30	15.71	23.00
5200MHz	Pass	10.70	8.74	8.74	12.30	19.44	23.00
5240MHz	Pass	10.70	10.51	10.51	12.30	21.21	23.00
5745MHz	Pass	10.70	9.86	9.86	25.30	20.56	36.00
5785MHz	Pass	10.70	10.07	10.07	25.30	20.77	36.00
5825MHz	Pass	10.70	9.92	9.92	25.30	20.62	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	10.70	1.93	1.93	12.30	12.63	23.00
5230MHz	Pass	10.70	7.46	7.46	12.30	18.16	23.00
5755MHz	Pass	10.70	7.21	7.21	25.30	17.91	36.00
5795MHz	Pass	10.70	7.02	7.02	25.30	17.72	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	10.70	-5.18	-5.18	12.30	5.52	23.00
5775MHz	Pass	10.70	0.69	0.69	25.30	11.39	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	5.08	5.08	12.30	15.78	23.00
5200MHz	Pass	10.70	8.71	8.71	12.30	19.41	23.00
5240MHz	Pass	10.70	10.46	10.46	12.30	21.16	23.00
5745MHz	Pass	10.70	9.38	9.38	25.30	20.08	36.00
5785MHz	Pass	10.70	9.78	9.78	25.30	20.48	36.00
5825MHz	Pass	10.70	9.56	9.56	25.30	20.26	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	10.70	1.89	1.89	12.30	12.59	23.00
5230MHz	Pass	10.70	7.35	7.35	12.30	18.05	23.00
5755MHz	Pass	10.70	7.02	7.02	25.30	17.72	36.00
5795MHz	Pass	10.70	6.76	6.76	25.30	17.46	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	10.70	-5.13	-5.13	12.30	5.57	23.00
5775MHz	Pass	10.70	0.49	0.49	25.30	11.19	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

31/10/2019

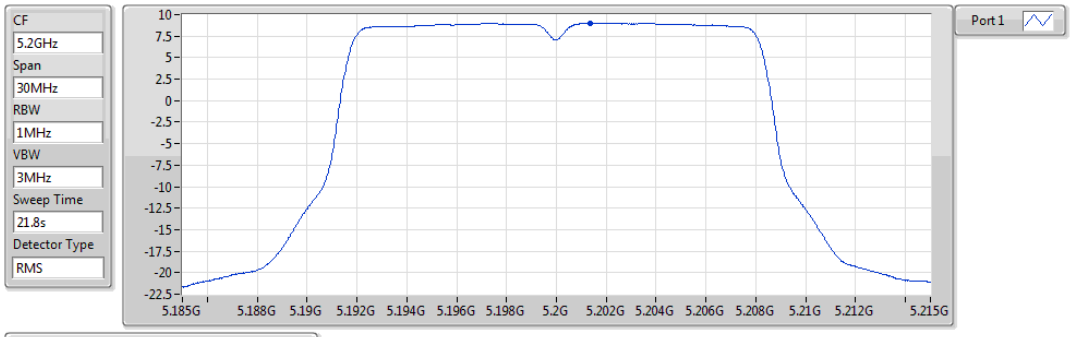


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.02	5.02	5.02

802.11a_Nss1,(6Mbps)_1TX PSD

5200MHz

31/10/2019

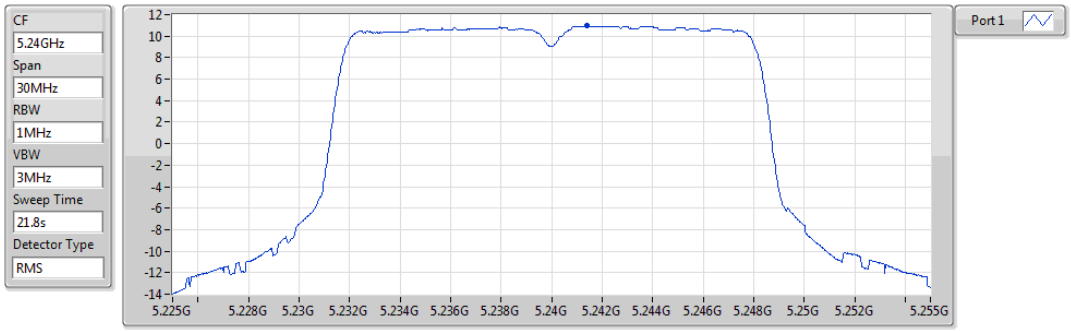


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.01	9.01	9.01

802.11a_Nss1,(6Mbps)_1TX PSD

5240MHz

31/10/2019

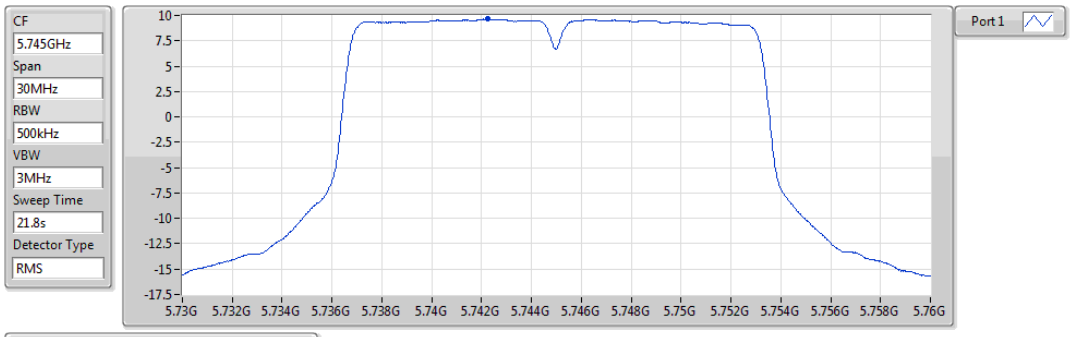


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.95	10.95	10.95

802.11a_Nss1,(6Mbps)_1TX **PSD**

5745MHz

28/09/2019

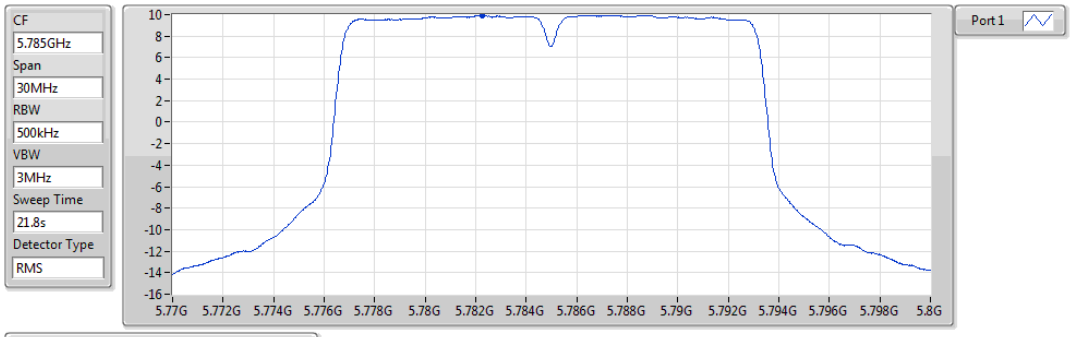


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.65	9.65	9.65

802.11a_Nss1,(6Mbps)_1TX **PSD**

5785MHz

28/09/2019

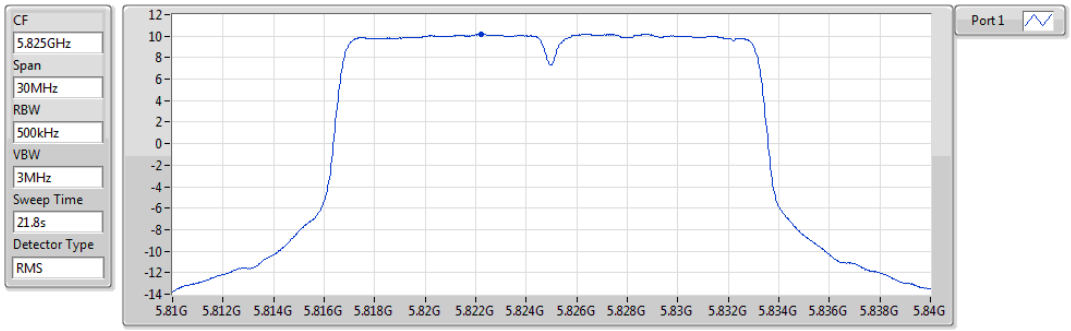


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.94	9.94	9.94

802.11a_Nss1,(6Mbps)_1TX **PSD**

5825MHz

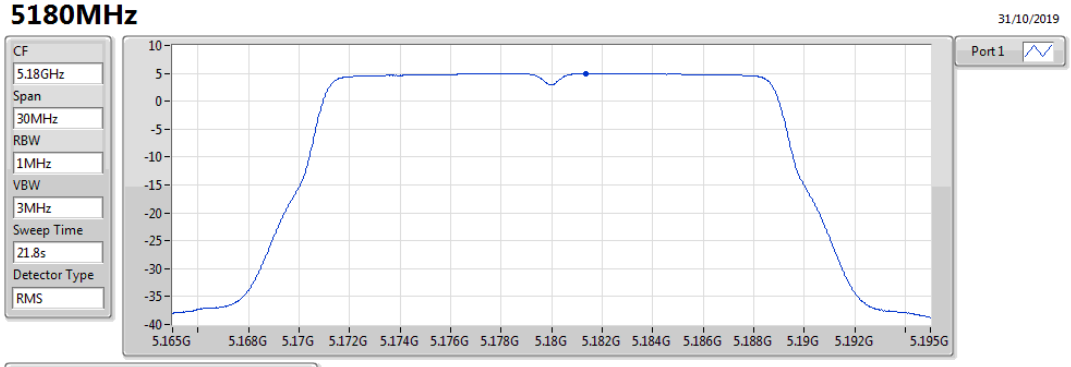
28/09/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.19	10.19	10.19

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

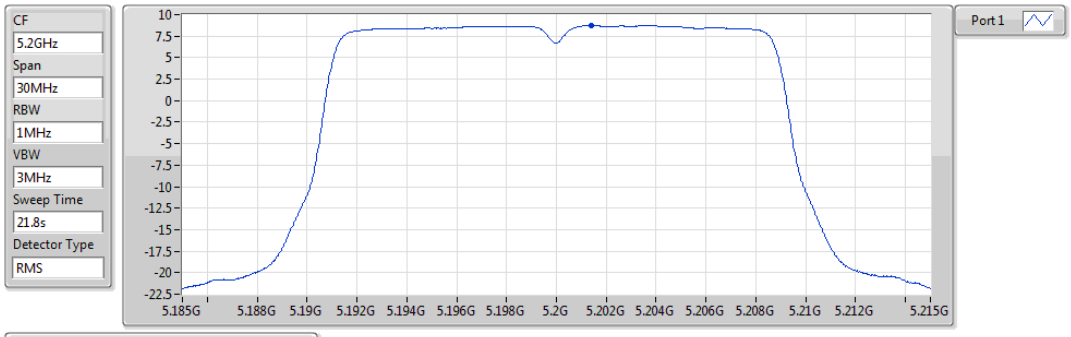
5180MHz



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

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

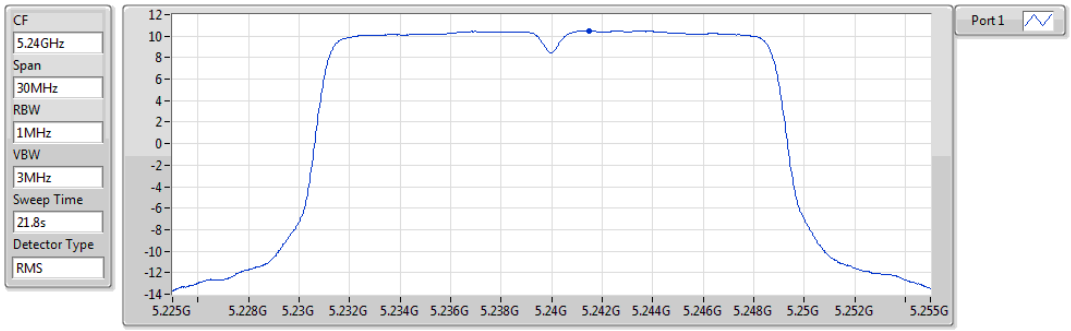
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.74	8.74	8.74

802.11ac VHT20_Nss1,(MCS0)_1TX PSD

5240MHz

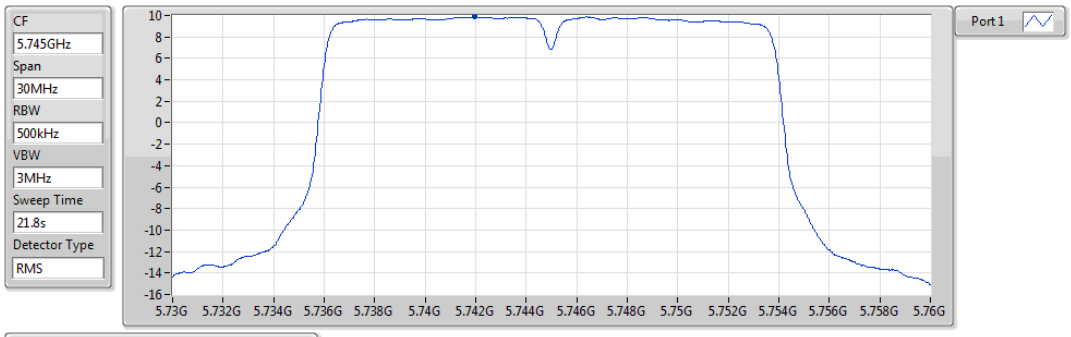


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.51	10.51	10.51

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

5745MHz

28/09/2019

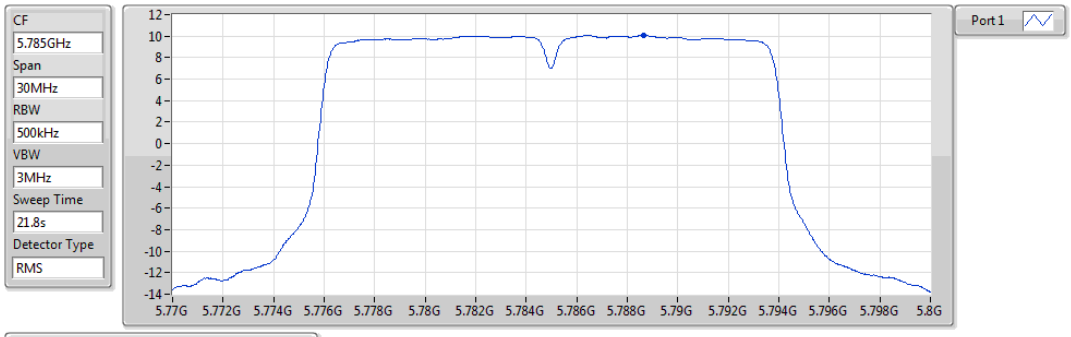


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.86	9.86	9.86

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

5785MHz

28/09/2019

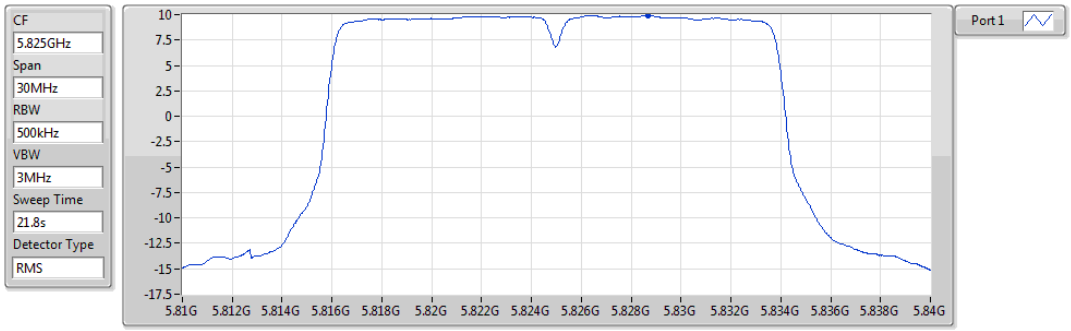


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.07	10.07	10.07

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

5825MHz

28/09/2019

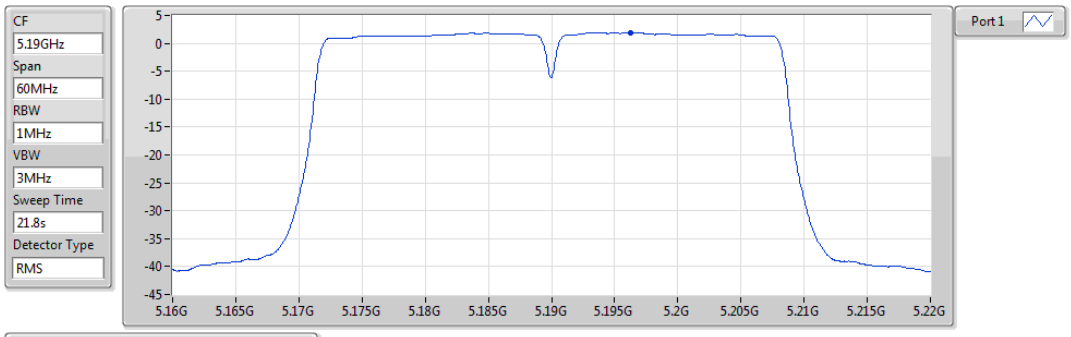


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.92	9.92	9.92

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

5190MHz

31/10/2019

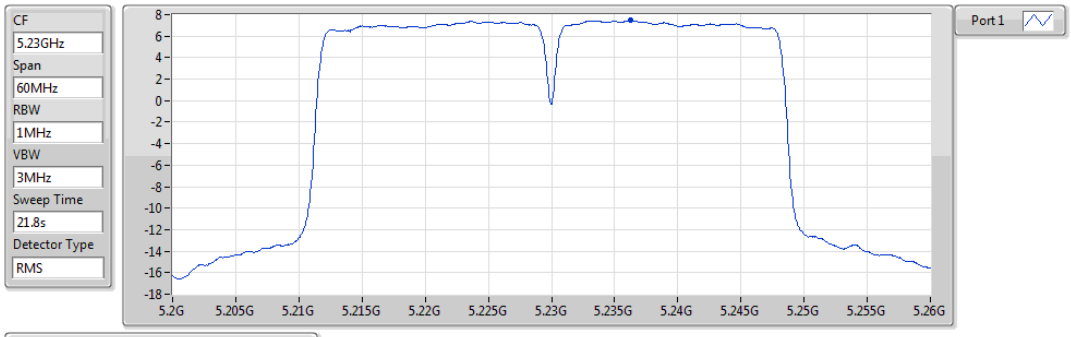


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.93	1.93	1.93

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

5230MHz

31/10/2019

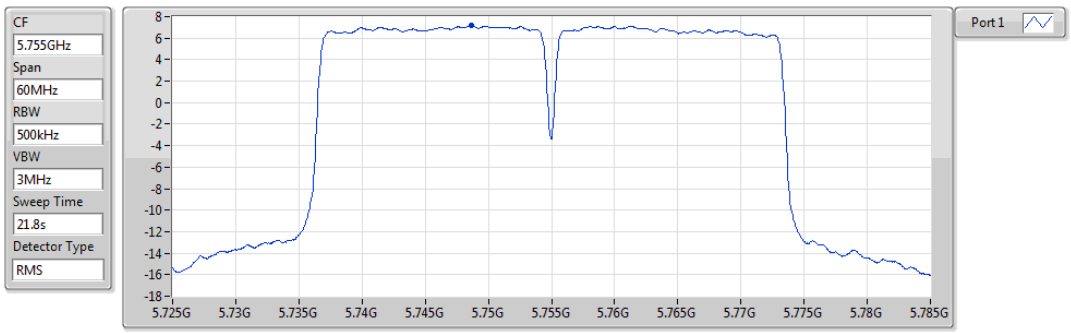


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.46	7.46	7.46

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

5755MHz

28/09/2019

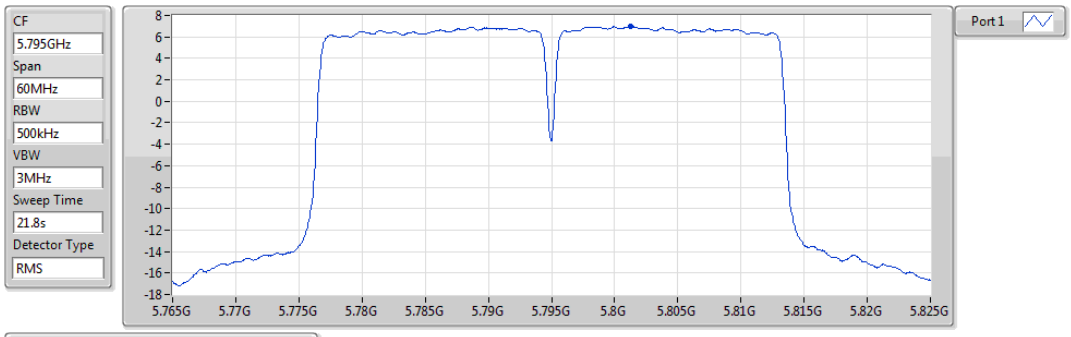


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.21	7.21	7.21

802.11ac VHT40_Nss1,(MCS0)_1TX PSD

5795MHz

28/09/2019

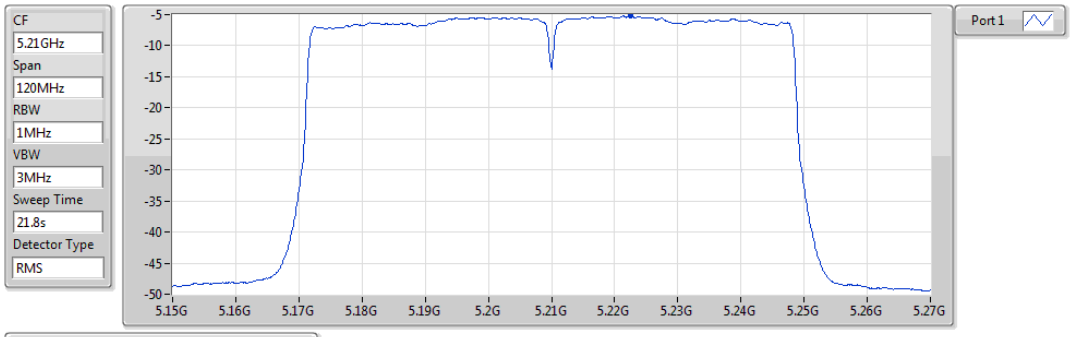


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.02	7.02	7.02

802.11ac VHT80_Nss1,(MCS0)_1TX PSD

5210MHz

31/10/2019

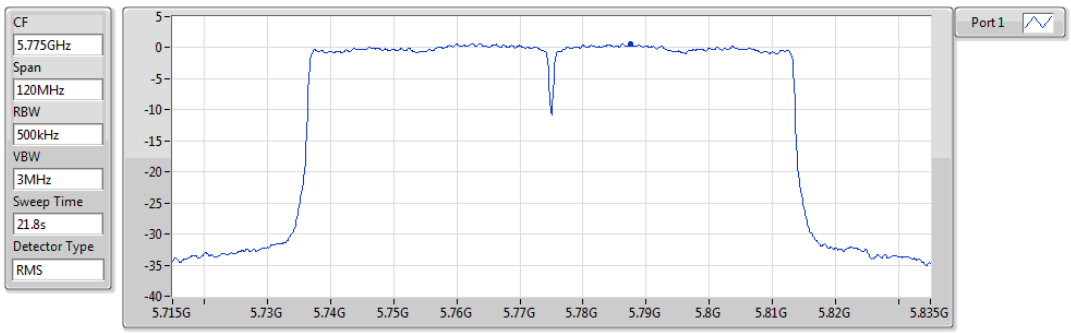


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.18	-5.18	-5.18

802.11ac VHT80_Nss1,(MCS0)_1TX PSD

5775MHz

28/09/2019

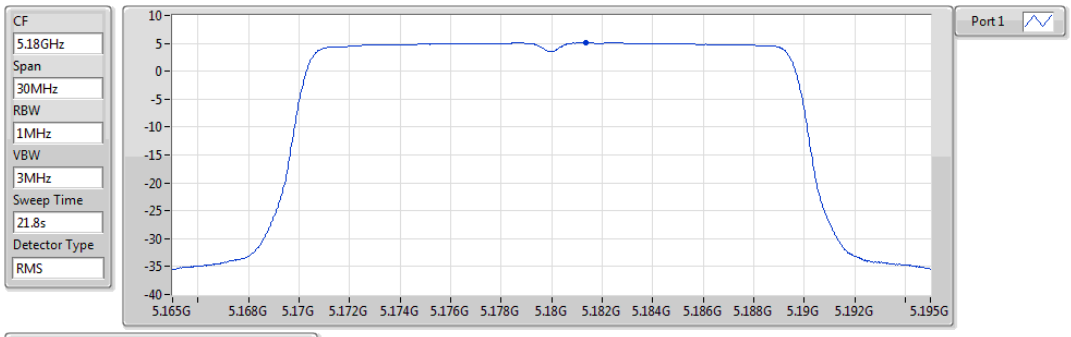


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.69	0.69	0.69

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5180MHz

31/10/2019

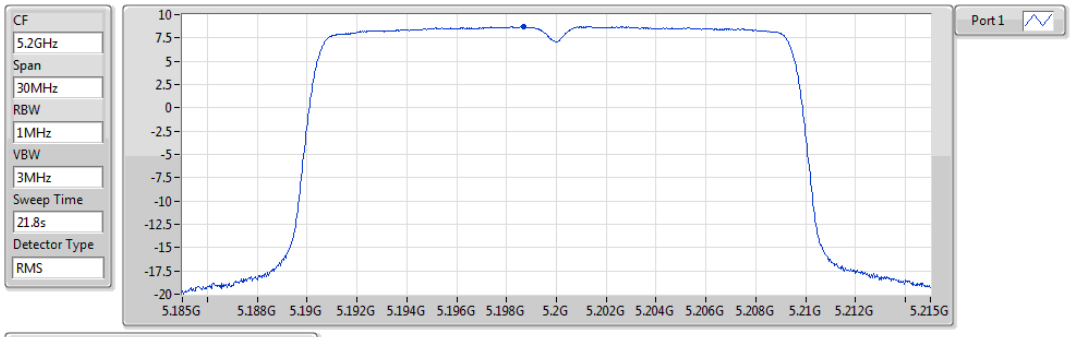


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.08	5.08	5.08

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5200MHz

31/10/2019

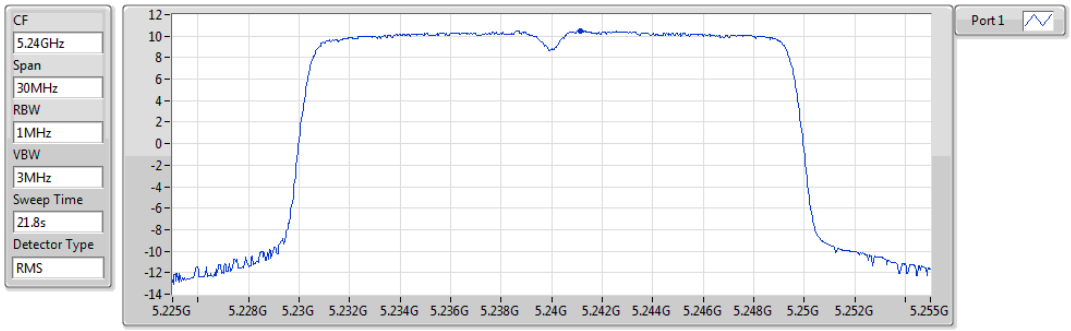


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.71	8.71	8.71

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5240MHz

31/10/2019

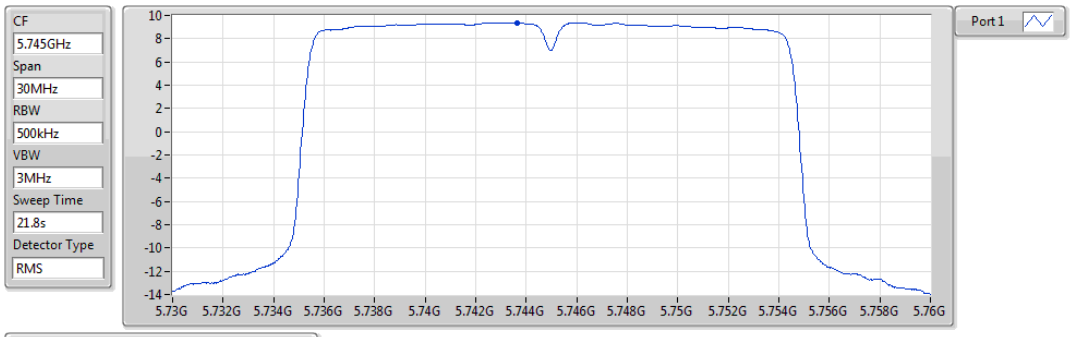


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.46	10.46	10.46

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5745MHz

28/09/2019

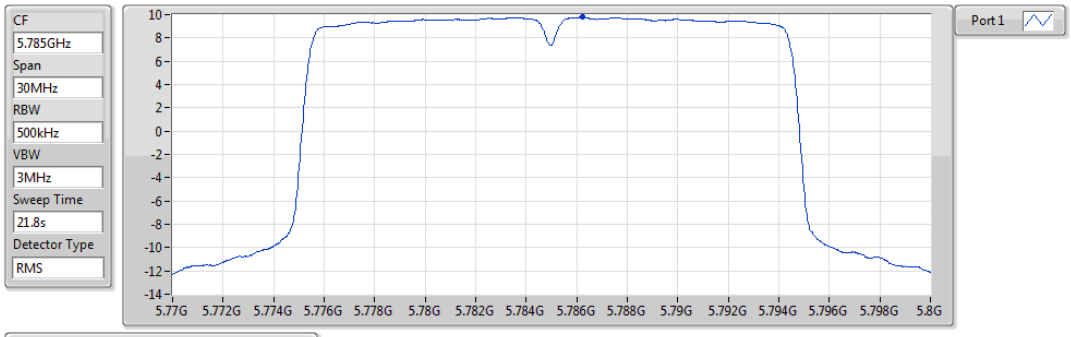


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.38	9.38	9.38

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5785MHz

28/09/2019

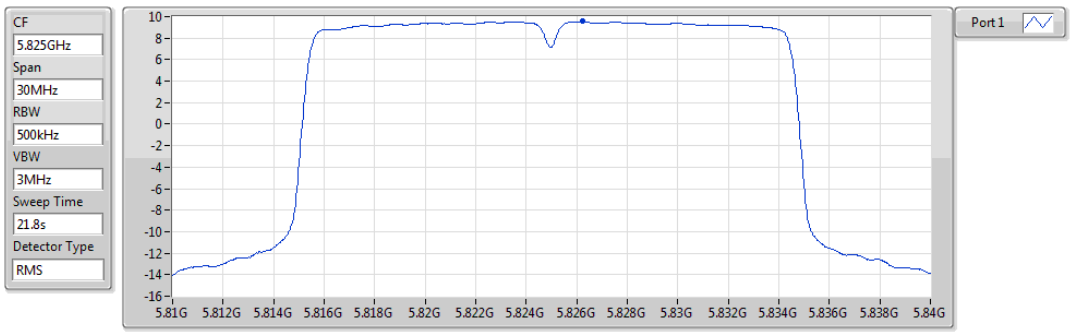


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.78	9.78	9.78

802.11ax HEW20_Nss1,(MCS0)_1TX PSD

5825MHz

28/09/2019

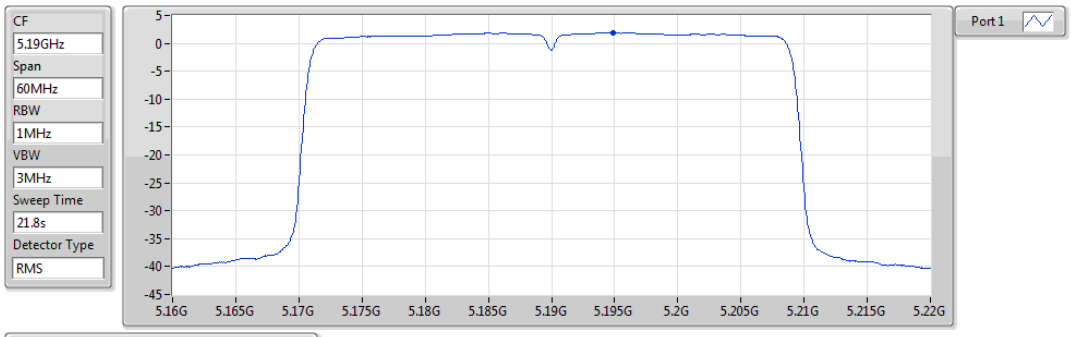


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.56	9.56	9.56

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5190MHz

31/10/2019

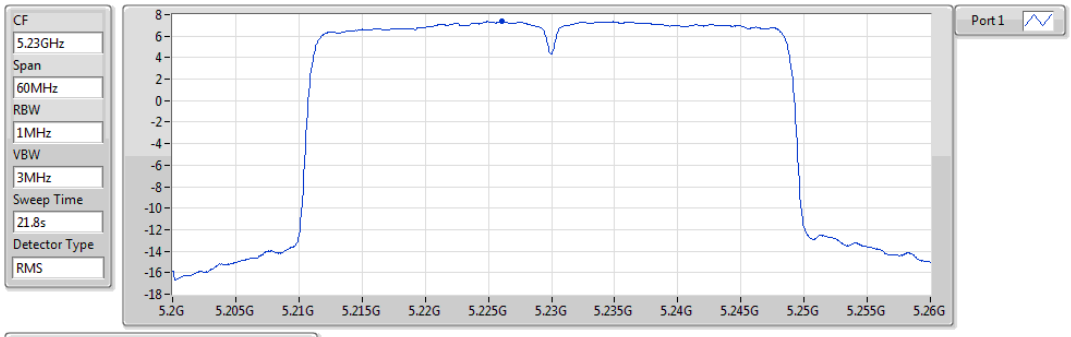


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.89	1.89	1.89

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5230MHz

31/10/2019

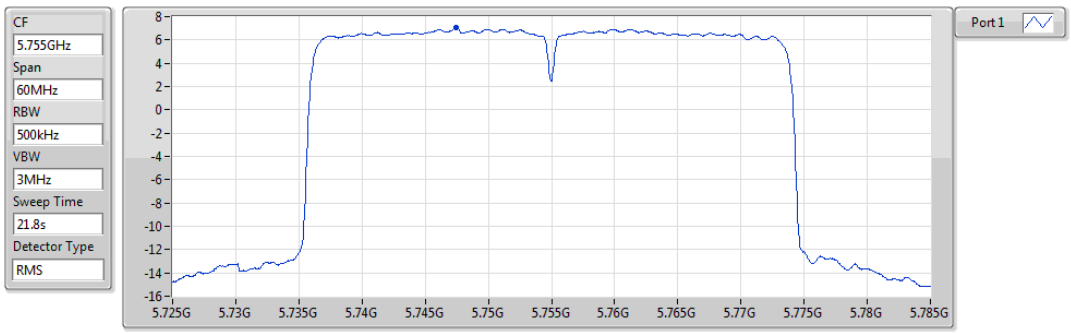


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.35	7.35	7.35

802.11ax HEW40_Nss1,(MCS0)_1TX PSD

5755MHz

28/09/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.02	7.02	7.02