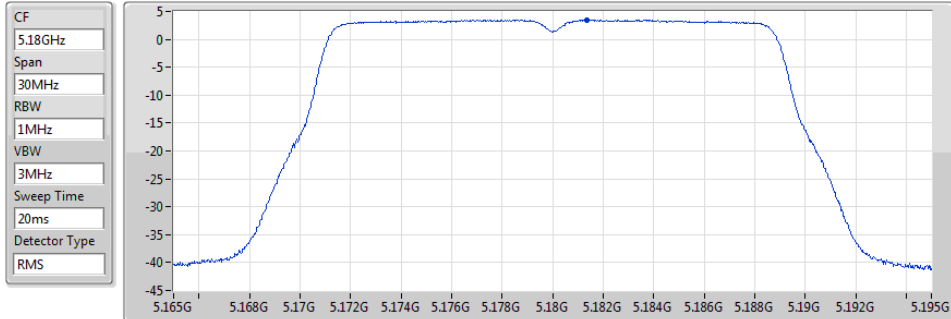


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

13/02/2020



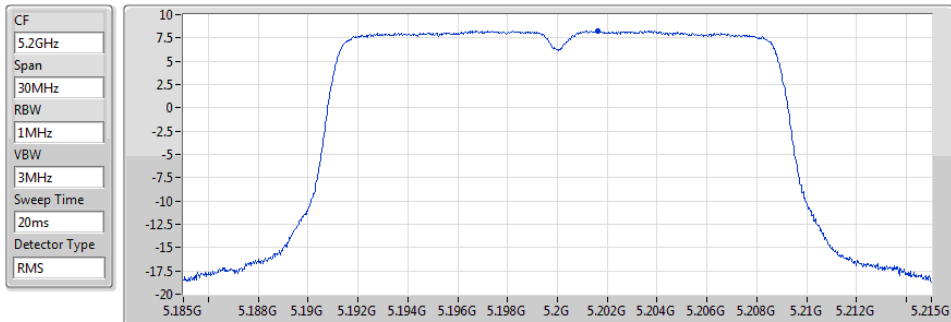
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.48	3.48	3.48

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

13/02/2020



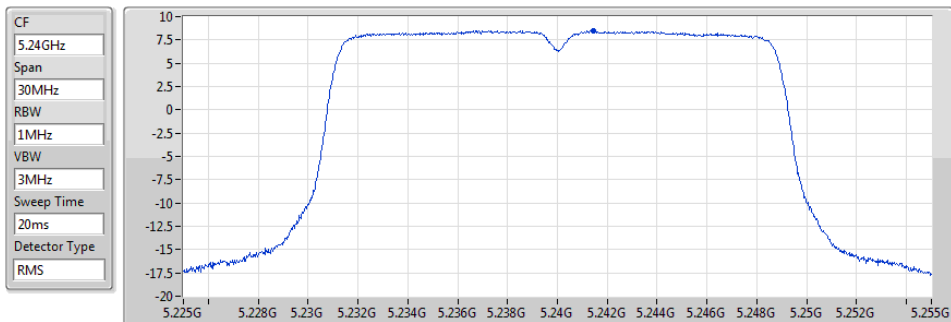
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.28	8.28	8.28

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

13/02/2020



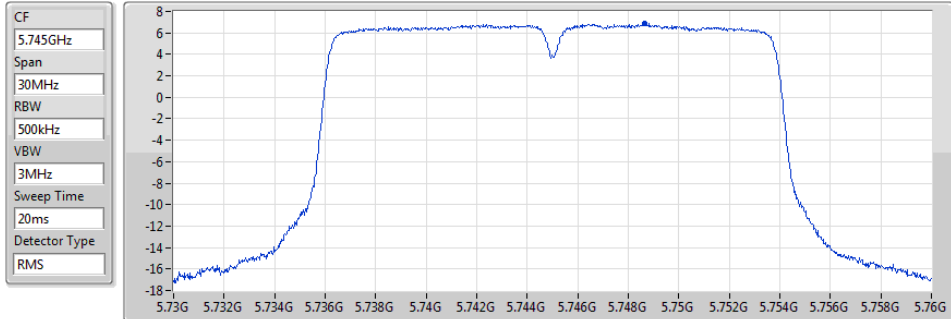
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.49	8.49	8.49

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5745MHz

13/02/2020



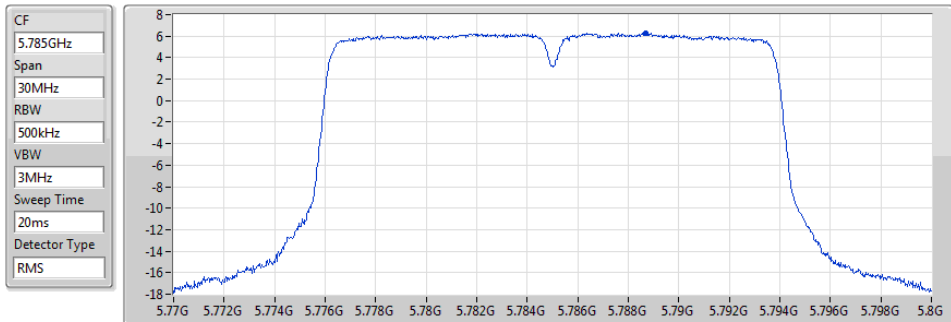
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.90	6.90	6.90

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5785MHz

13/02/2020



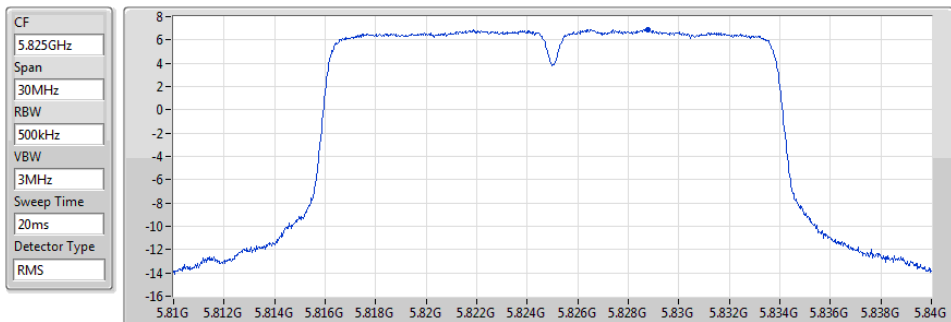
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.27	6.27	6.27

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5825MHz

13/02/2020



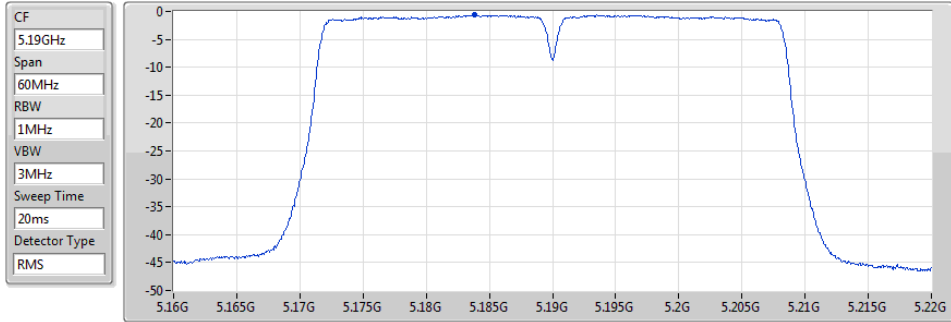
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.92	6.92	6.92

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5190MHz

13/02/2020



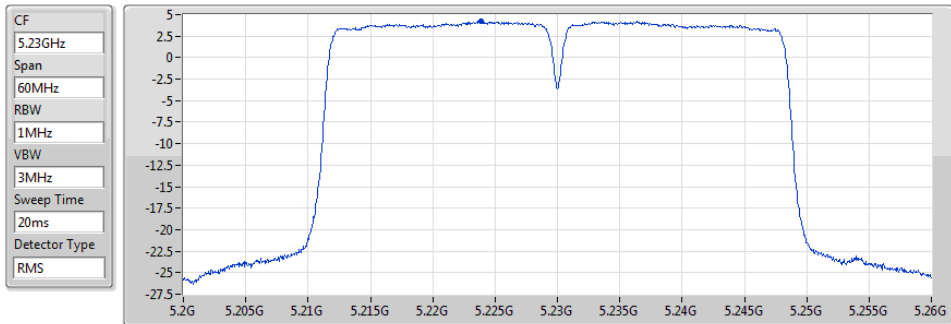
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.67	-0.67	-0.67

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5230MHz

13/02/2020



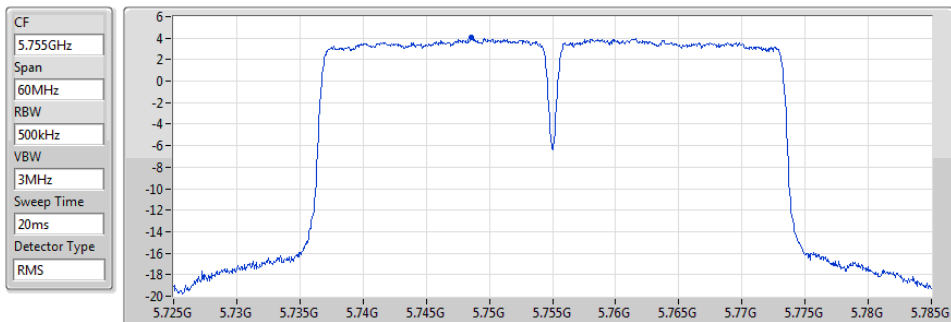
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.22	4.22	4.22

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5755MHz

14/02/2020



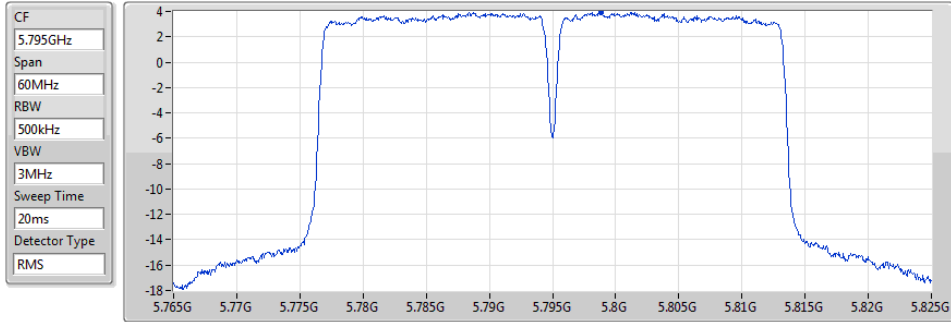
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.03	4.03	4.03

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5795MHz

14/02/2020



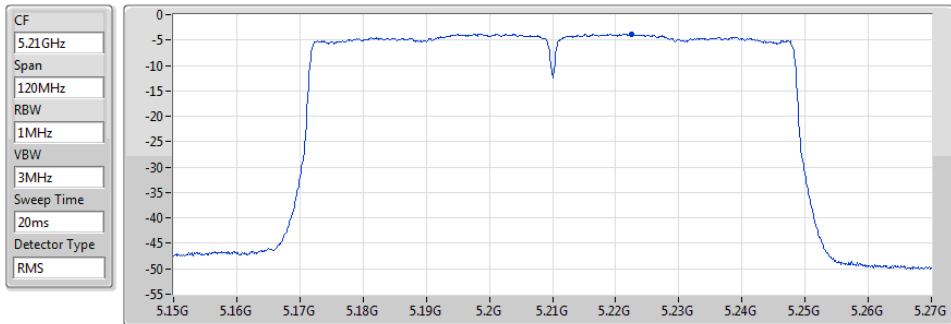
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.93	3.93	3.93

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5210MHz

14/02/2020



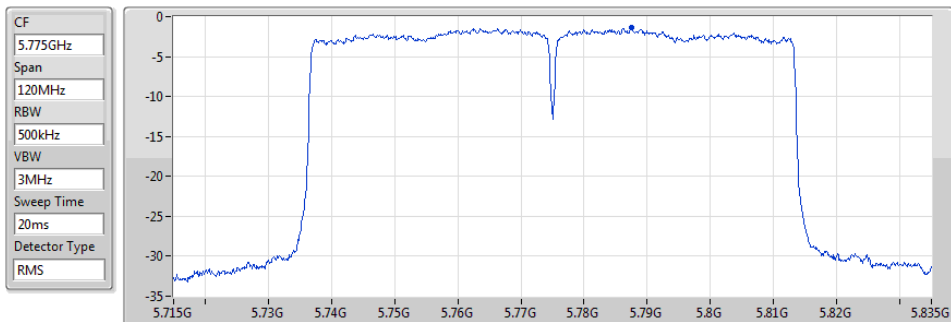
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.76	-3.76	-3.76

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5775MHz

14/02/2020



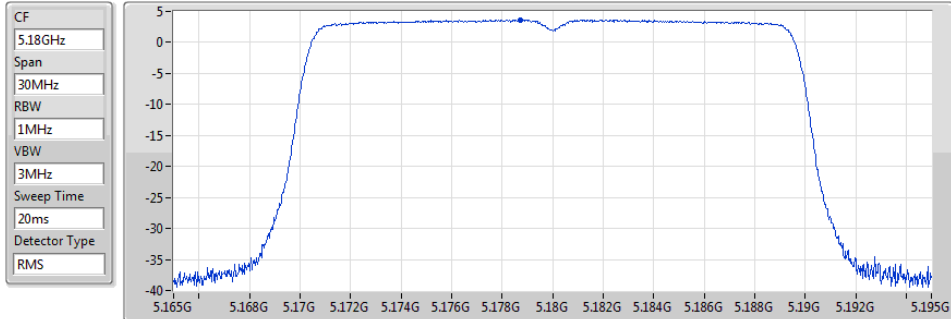
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.35	-1.35	-1.35

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

13/02/2020



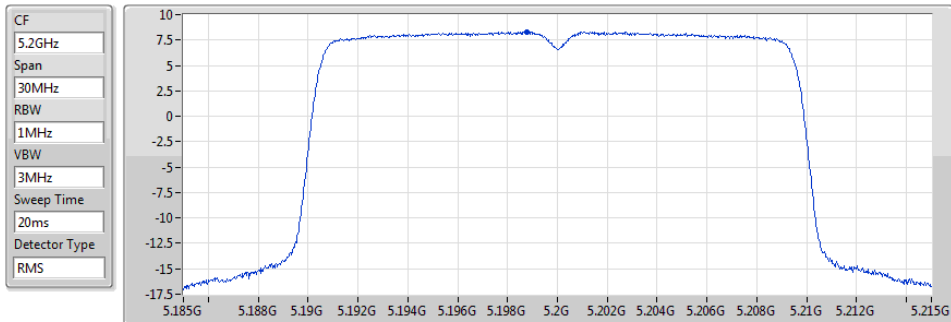
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.68	3.68	3.68

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

13/02/2020



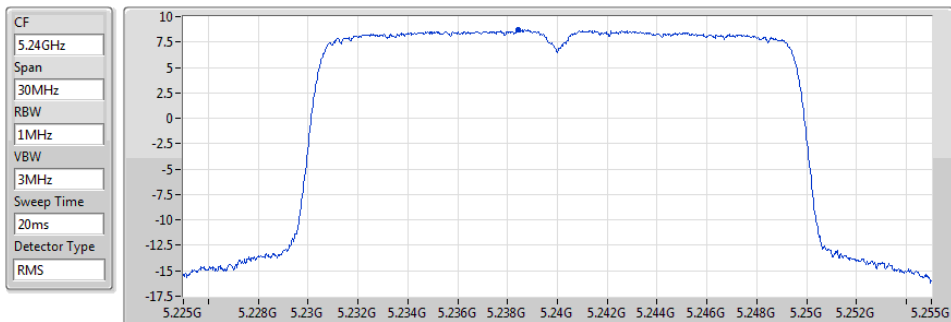
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.30	8.30	8.30

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

13/02/2020



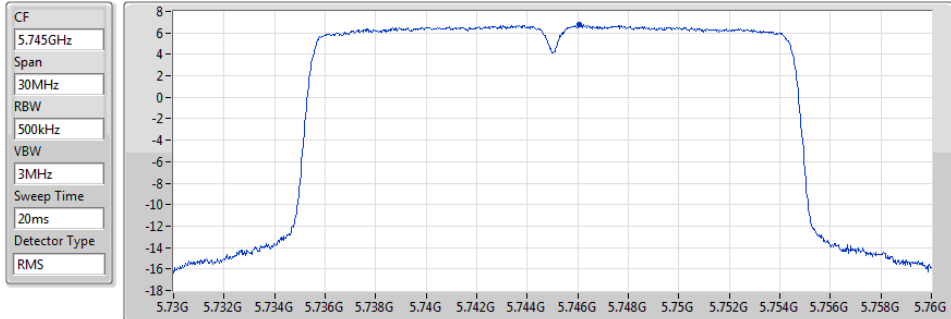
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.72	8.72	8.72

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5745MHz

13/02/2020



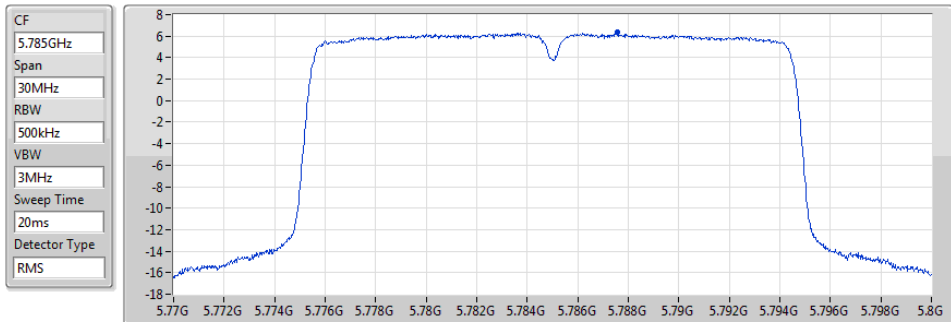
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.77	6.77	6.77

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

13/02/2020



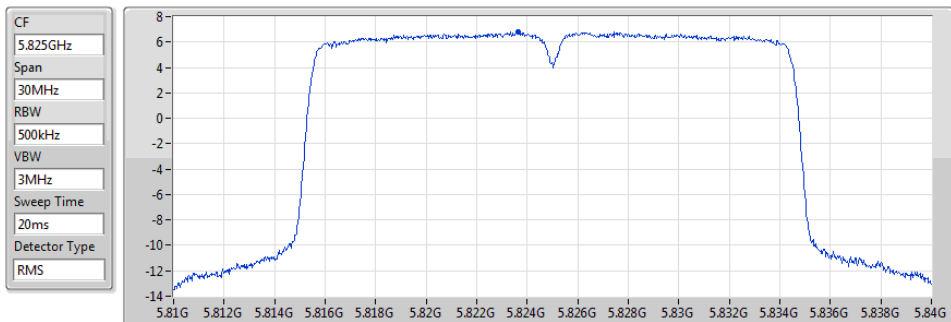
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.33	6.33	6.33

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

13/02/2020



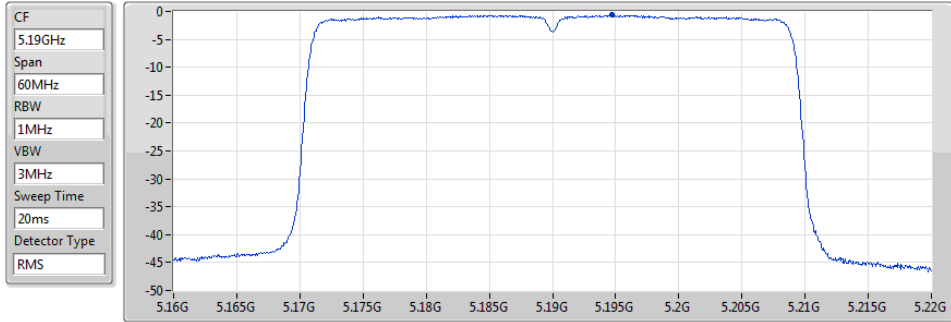
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.82	6.82	6.82

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

13/02/2020



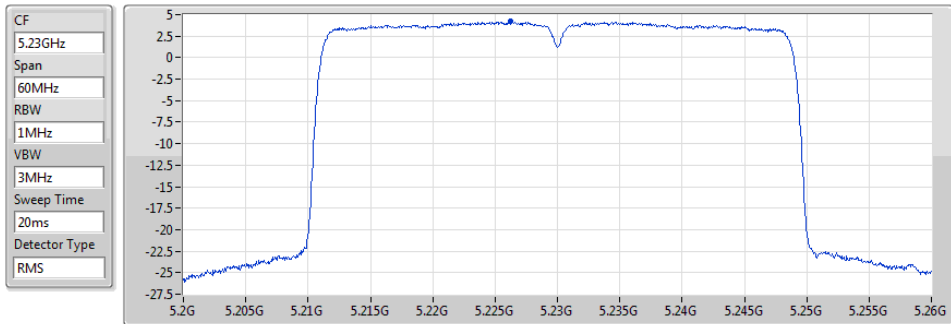
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.68	-0.68	-0.68

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

13/02/2020



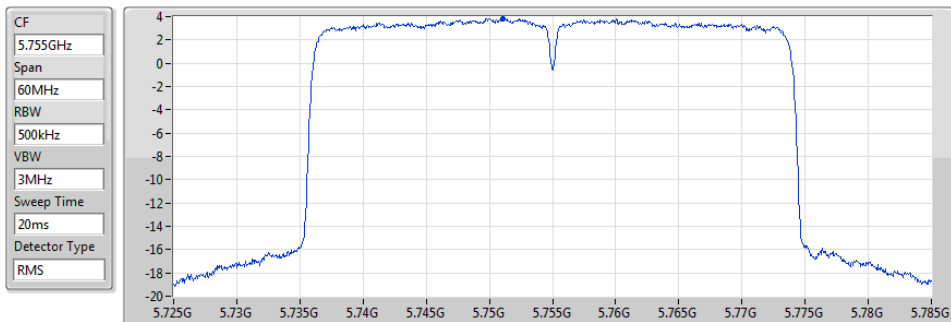
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.18	4.18	4.18

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5755MHz

13/02/2020



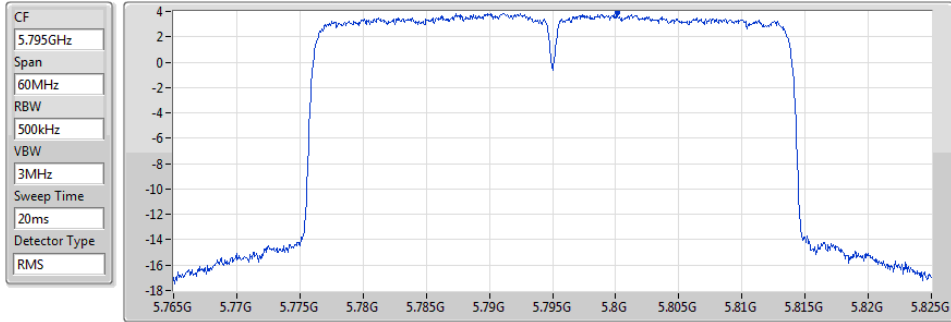
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.84	3.84	3.84

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

13/02/2020



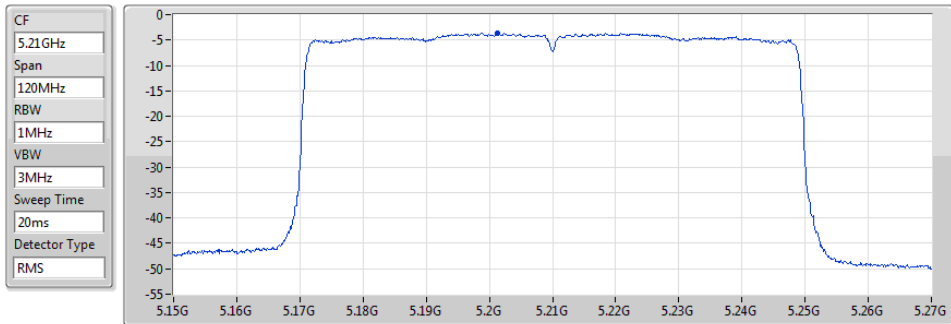
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.89	3.89	3.89

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

14/02/2020



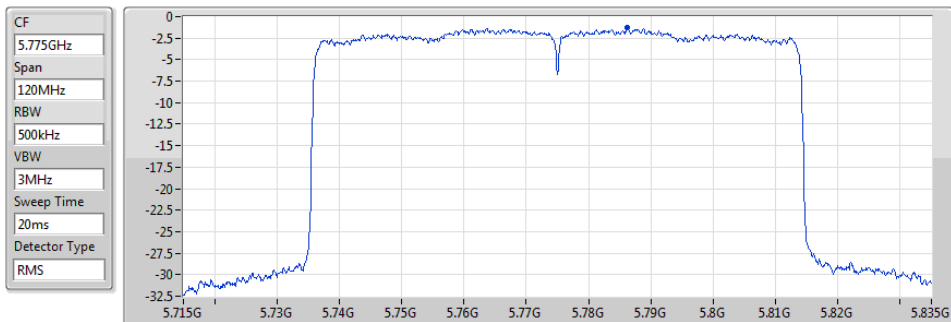
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.68	-3.68	-3.68

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

14/02/2020



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



PSD_
Non Beamforming_Outdoor_Sample 2_Radio 2_Panel 1_2T2S Appendix D.12

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.05	22.76
802.11ac VHT20_Nss2,(MCS0)_2TX	10.94	21.64
802.11ac VHT40_Nss2,(MCS0)_2TX	7.14	17.84
802.11ac VHT80_Nss2,(MCS0)_2TX	-2.27	8.43
802.11ax HEW20_Nss2,(MCS0)_2TX	10.86	21.56
802.11ax HEW40_Nss2,(MCS0)_2TX	7.17	17.87
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.24	8.46
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.68	23.39
802.11ac VHT20_Nss2,(MCS0)_2TX	9.41	20.11
802.11ac VHT40_Nss2,(MCS0)_2TX	6.56	17.26
802.11ac VHT80_Nss2,(MCS0)_2TX	0.97	11.67
802.11ax HEW20_Nss2,(MCS0)_2TX	9.25	19.95
802.11ax HEW40_Nss2,(MCS0)_2TX	6.66	17.36
802.11ax HEW80_Nss2,(MCS0)_2TX	0.85	11.55

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



PSD_
Non Beamforming_Outdoor_Sample 2_Radio 2_Panel 1_2T2S Appendix D.12

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	3.02	2.37	5.63	9.29	19.34	23.00
5200MHz	Pass	13.71	6.33	5.83	9.02	9.29	22.73	23.00
5240MHz	Pass	13.71	6.34	5.81	9.05	9.29	22.76	23.00
5745MHz	Pass	13.71	6.39	7.04	9.68	22.29	23.39	36.00
5785MHz	Pass	13.71	5.22	5.30	8.16	22.29	21.87	36.00
5825MHz	Pass	13.71	5.67	6.24	8.95	22.29	22.66	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	3.35	2.69	5.96	12.30	16.66	23.00
5200MHz	Pass	10.70	7.75	7.09	10.35	12.30	21.05	23.00
5240MHz	Pass	10.70	8.30	7.63	10.94	12.30	21.64	23.00
5745MHz	Pass	10.70	6.18	6.75	9.41	25.30	20.11	36.00
5785MHz	Pass	10.70	6.17	6.57	9.24	25.30	19.94	36.00
5825MHz	Pass	10.70	6.09	6.51	9.20	25.30	19.90	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	-0.80	-1.73	1.66	12.30	12.36	23.00
5230MHz	Pass	10.70	4.61	3.87	7.14	12.30	17.84	23.00
5755MHz	Pass	10.70	3.47	3.53	6.41	25.30	17.11	36.00
5795MHz	Pass	10.70	3.62	3.68	6.56	25.30	17.26	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	-4.94	-5.53	-2.27	12.30	8.43	23.00
5775MHz	Pass	10.70	-1.80	-1.83	0.97	25.30	11.67	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	3.60	2.82	6.15	12.30	16.85	23.00
5200MHz	Pass	10.70	7.81	7.15	10.42	12.30	21.12	23.00
5240MHz	Pass	10.70	8.12	7.58	10.86	12.30	21.56	23.00
5745MHz	Pass	10.70	6.02	6.60	9.25	25.30	19.95	36.00
5785MHz	Pass	10.70	5.99	6.29	9.05	25.30	19.75	36.00
5825MHz	Pass	10.70	5.85	6.40	9.08	25.30	19.78	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	-0.87	-1.61	1.73	12.30	12.43	23.00
5230MHz	Pass	10.70	4.54	3.84	7.17	12.30	17.87	23.00
5755MHz	Pass	10.70	3.15	3.69	6.39	25.30	17.09	36.00
5795MHz	Pass	10.70	3.59	3.91	6.66	25.30	17.36	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	-4.83	-5.51	-2.24	12.30	8.46	23.00
5775MHz	Pass	10.70	-2.10	-2.16	0.85	25.30	11.55	36.00

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

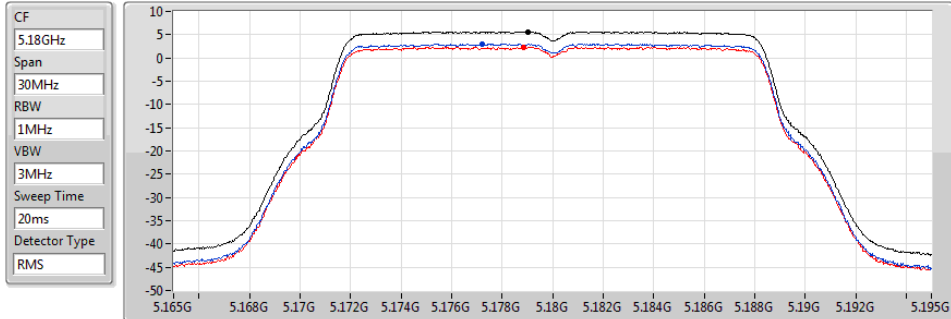
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

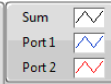
PSD

5180MHz

15/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.63	5.63	3.02	2.37

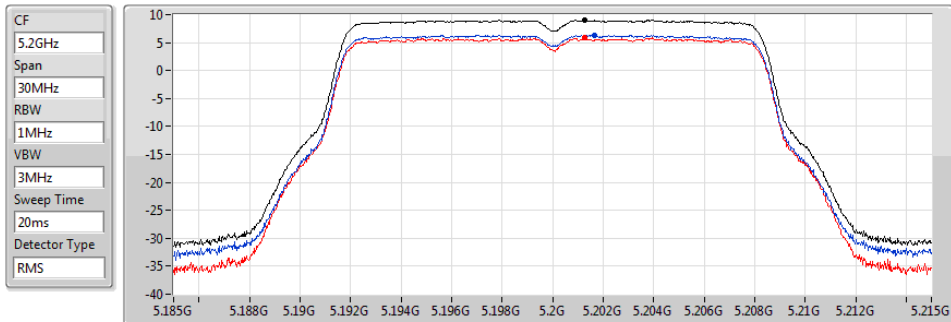


802.11a_Nss1,(6Mbps)_2TX

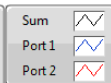
PSD

5200MHz

15/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.02	9.02	6.33	5.83

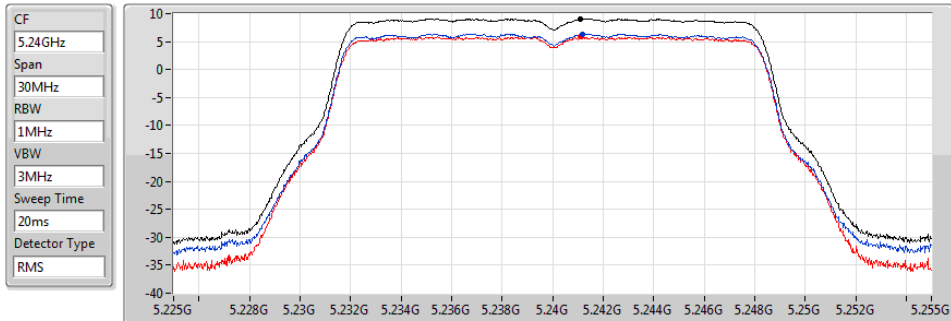


802.11a_Nss1,(6Mbps)_2TX

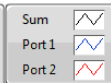
PSD

5240MHz

15/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.05	9.05	6.34	5.81

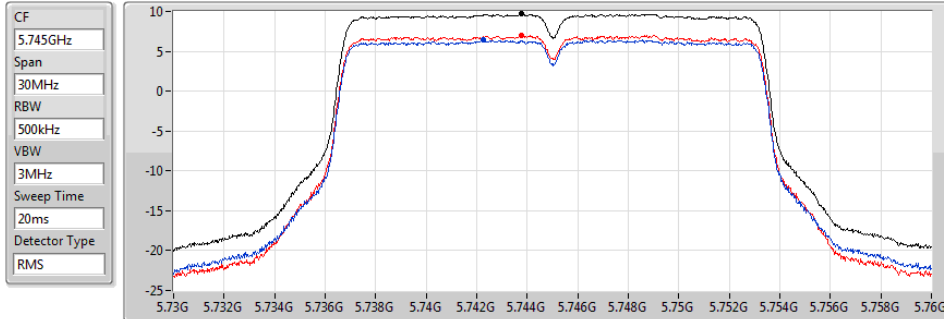


802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

15/02/2020



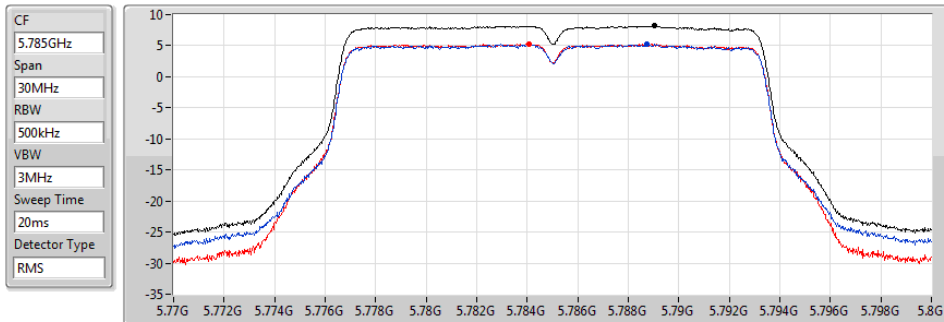
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.68	9.68	6.39	7.04

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

15/02/2020



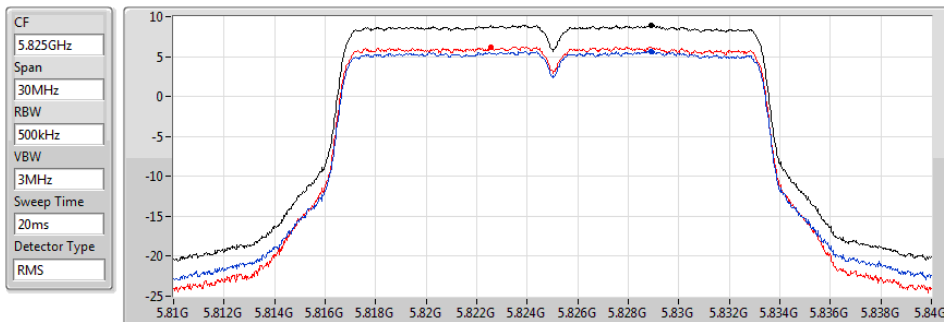
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.16	8.16	5.22	5.30

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

15/02/2020



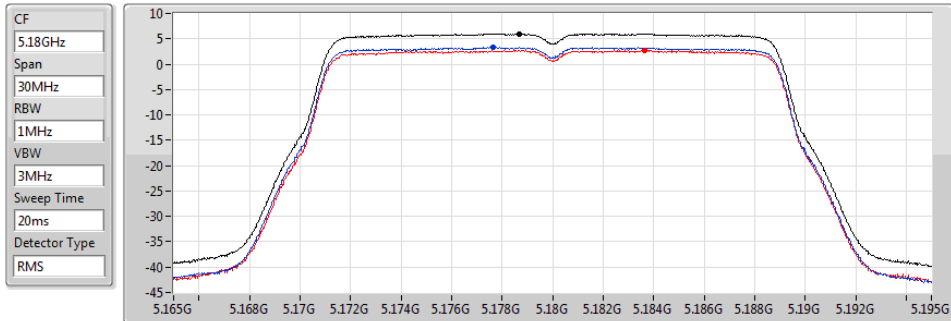
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.95	8.95	5.67	6.24

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5180MHz

15/02/2020



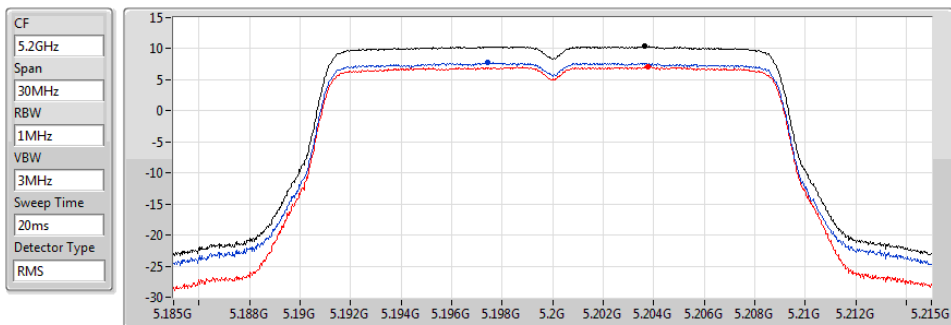
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.96	5.96	3.35	2.69

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5200MHz

15/02/2020



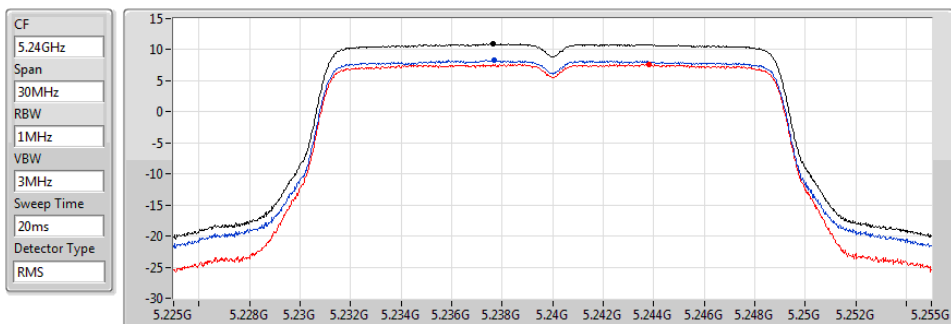
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.35	10.35	7.75	7.09

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5240MHz

15/02/2020



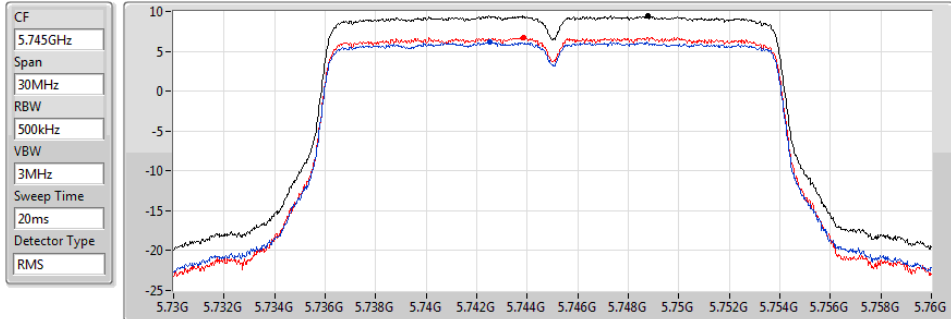
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.94	10.94	8.30	7.63

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5745MHz

15/02/2020



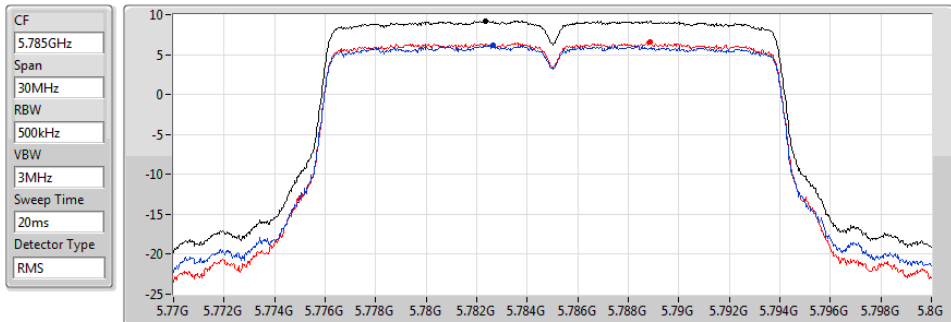
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.41	9.41	6.18	6.75

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5785MHz

15/02/2020



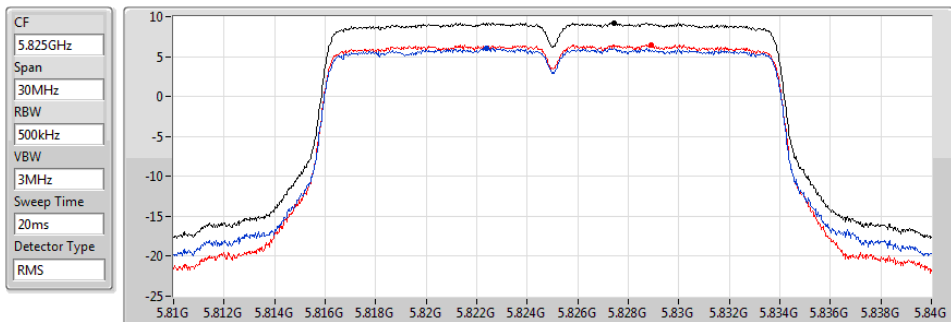
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.24	9.24	6.17	6.57

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5825MHz

15/02/2020



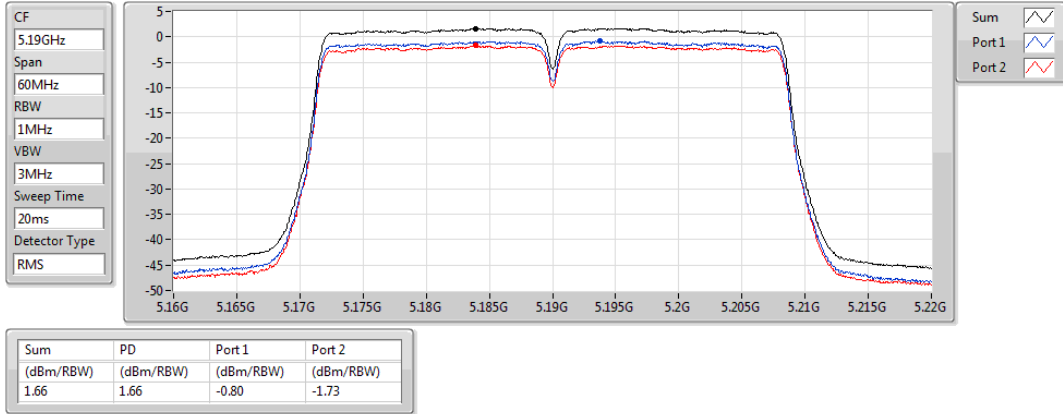
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.20	9.20	6.09	6.51

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5190MHz

15/02/2020

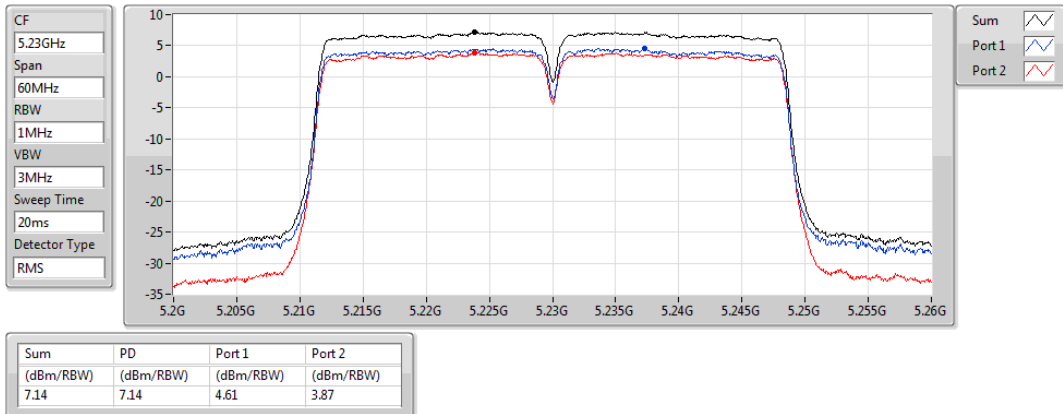


802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5230MHz

15/02/2020

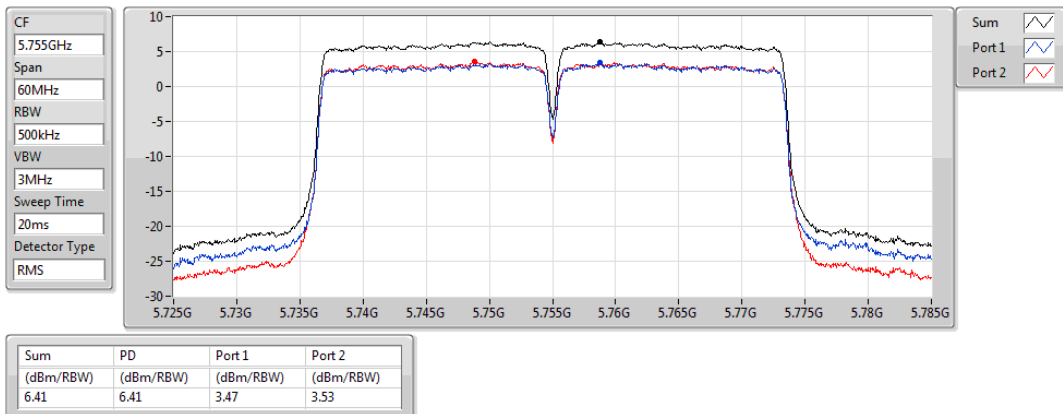


802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5755MHz

15/02/2020

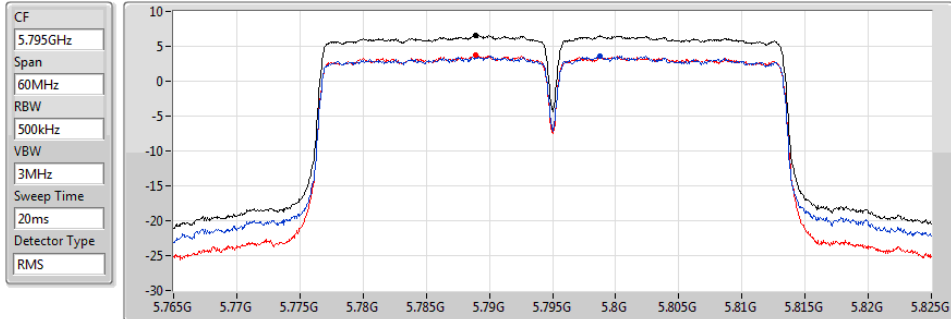


802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5795MHz

15/02/2020



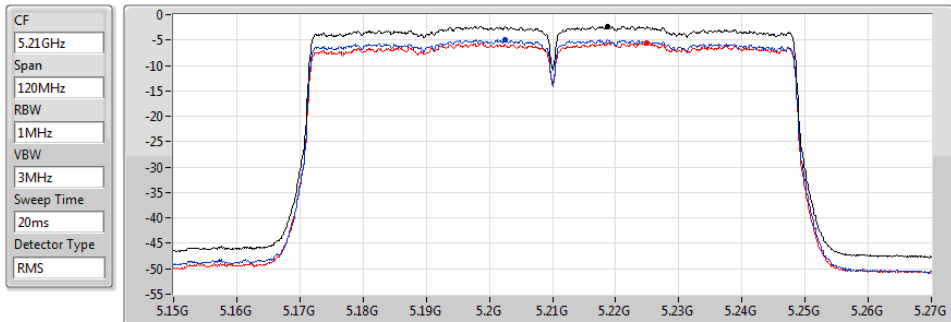
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.56	6.56	3.62	3.68

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5210MHz

15/02/2020



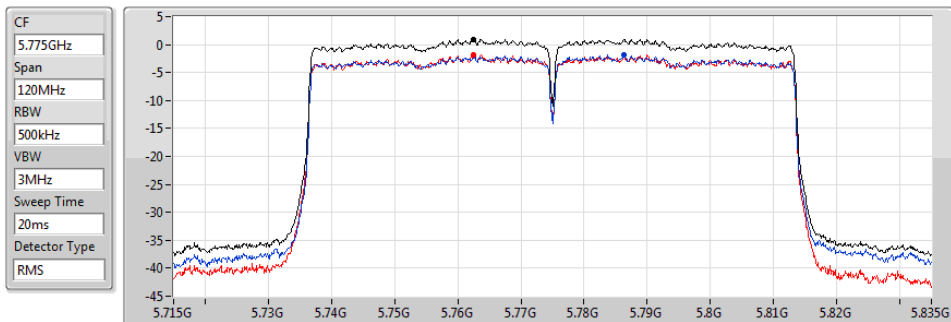
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.27	-2.27	-4.94	-5.53

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5775MHz

15/02/2020



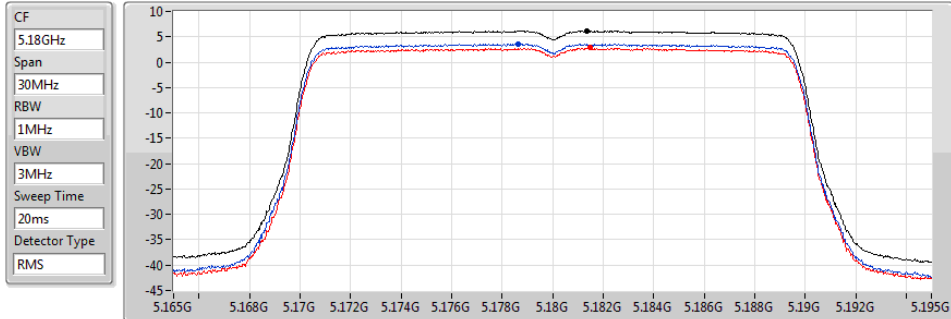
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.97	0.97	-1.80	-1.83

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5180MHz

15/02/2020



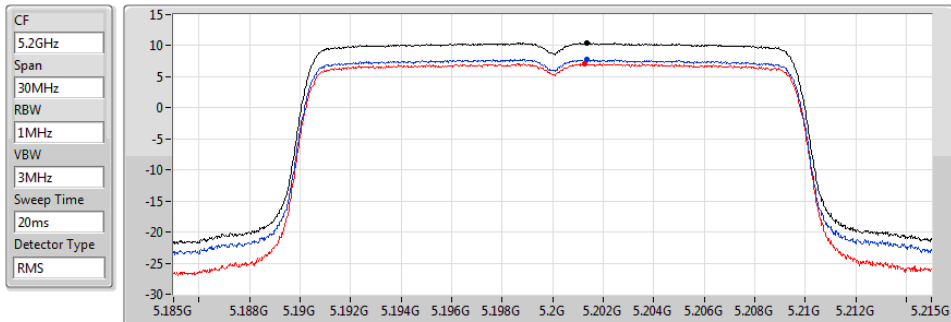
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.15	6.15	3.60	2.82

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5200MHz

15/02/2020



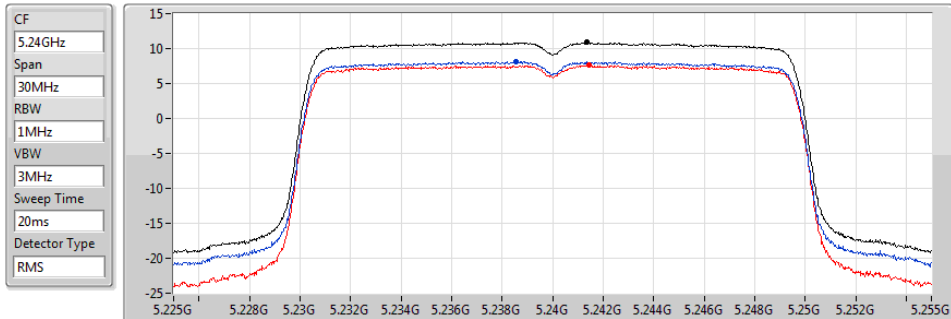
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.42	10.42	7.81	7.15

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5240MHz

15/02/2020



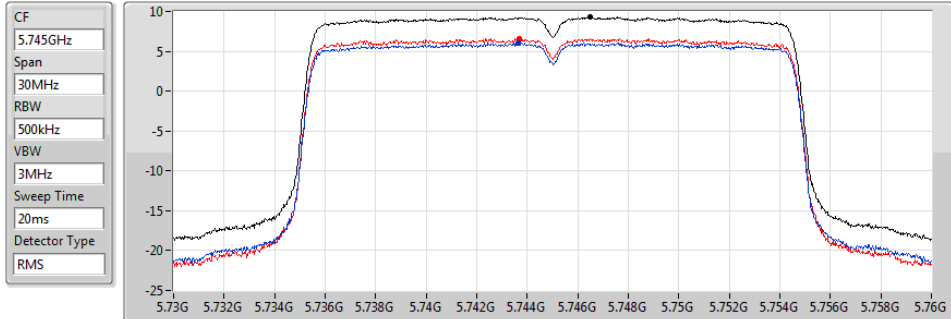
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.86	10.86	8.12	7.58

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5745MHz

15/02/2020



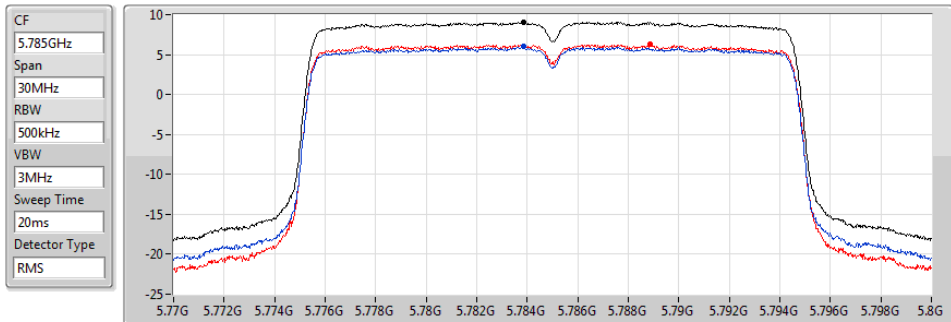
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.25	9.25	6.02	6.60

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5785MHz

15/02/2020



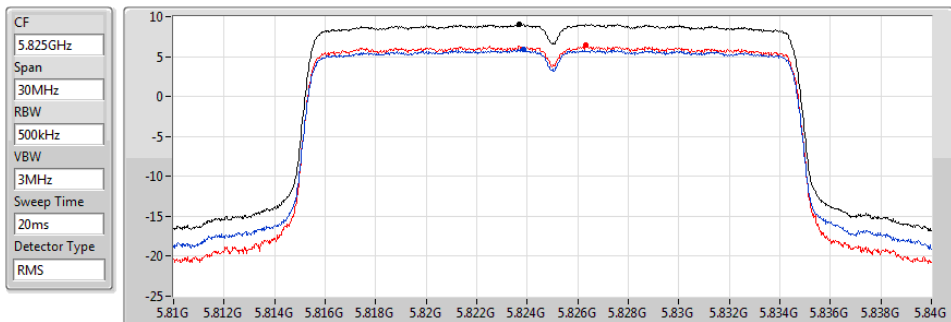
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.05	9.05	5.99	6.29

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5825MHz

15/02/2020



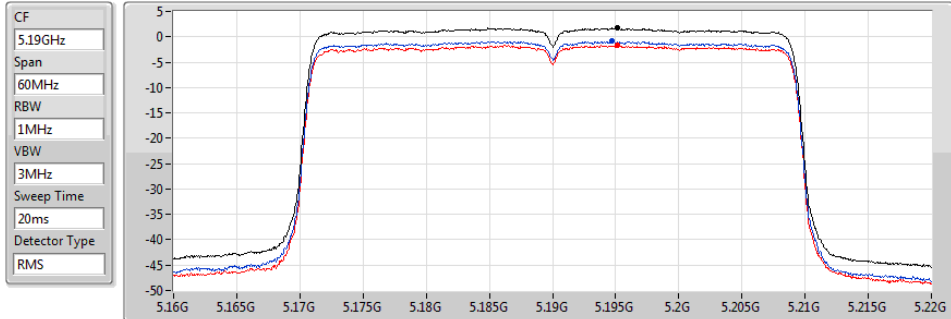
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.08	9.08	5.85	6.40

802.11ax HEW40_Nss2,(MCS0)_2TX

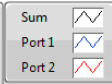
PSD

5190MHz

15/02/2020



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.73	1.73	-0.87	-1.61

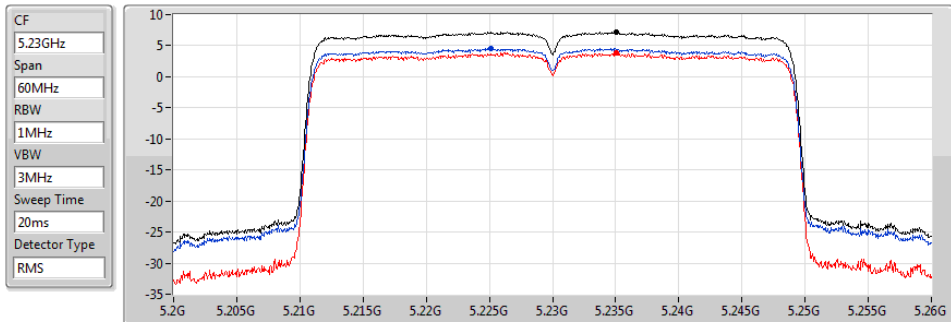


802.11ax HEW40_Nss2,(MCS0)_2TX

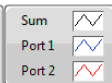
PSD

5230MHz

15/02/2020



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.17	7.17	4.54	3.84

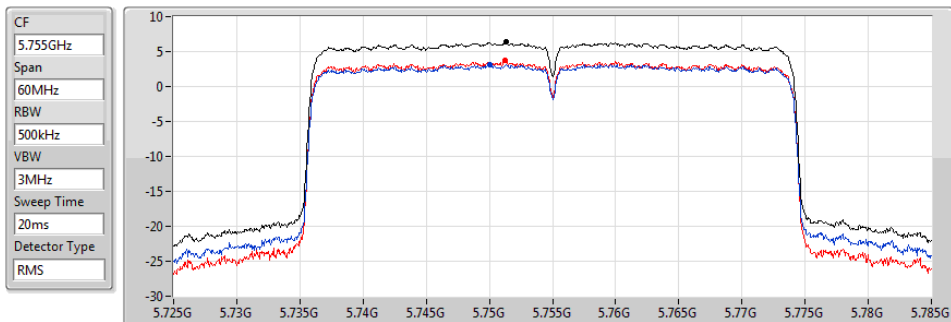


802.11ax HEW40_Nss2,(MCS0)_2TX

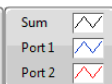
PSD

5755MHz

15/02/2020



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.39	6.39	3.15	3.69

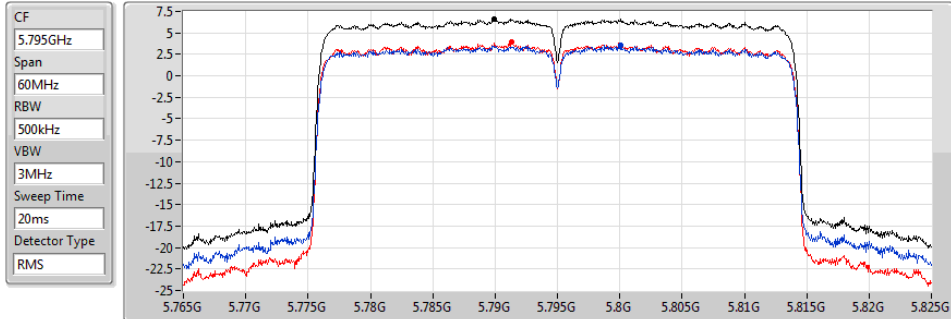


802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5795MHz

15/02/2020



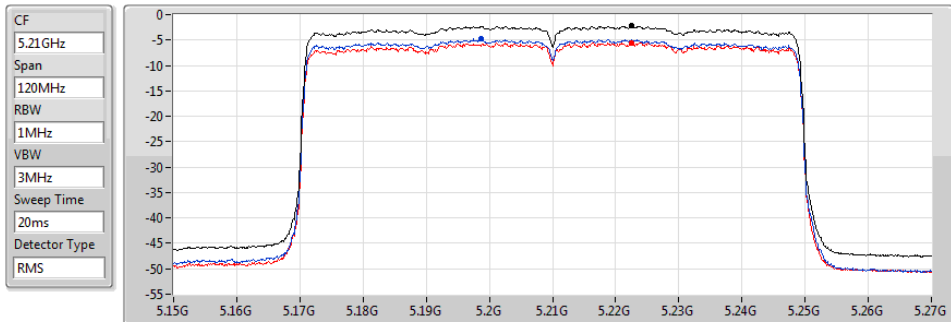
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.66	6.66	3.59	3.91

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5210MHz

15/02/2020



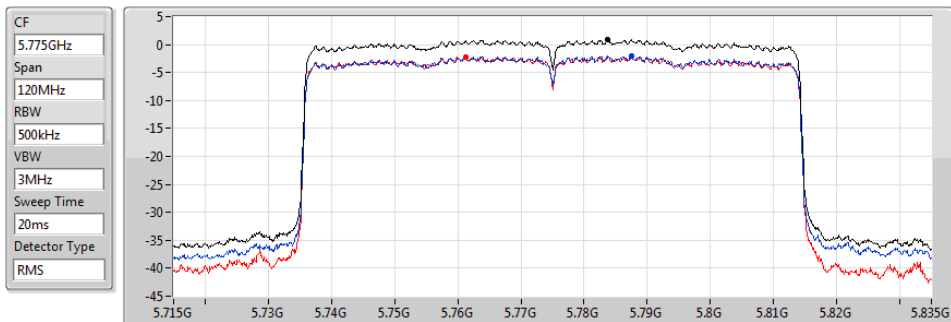
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.24	-2.24	-4.83	-5.51

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5775MHz

15/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.85	0.85	-2.10	-2.16



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.00	10.96
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	0.60	8.56
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-2.41	5.55
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	3.08	11.04
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.73	8.69
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.32	5.64
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	6.94	14.90
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	8.24	16.20
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	5.02	12.98
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	6.76	14.72
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	8.04	16.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	5.05	13.01

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.96	-0.12	-0.12	2.72	15.04	10.68	23.00
5200MHz	Pass	7.96	-0.13	-0.04	2.90	15.04	10.86	23.00
5240MHz	Pass	7.96	0.05	0.01	3.00	15.04	10.96	23.00
5745MHz	Pass	7.96	4.01	4.08	6.94	28.04	14.90	36.00
5785MHz	Pass	7.96	1.32	0.97	3.93	28.04	11.89	36.00
5825MHz	Pass	7.96	-1.54	-2.37	0.81	28.04	8.77	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.96	-1.97	-2.30	0.60	15.04	8.56	23.00
5230MHz	Pass	7.96	-2.21	-2.68	0.37	15.04	8.33	23.00
5755MHz	Pass	7.96	5.57	5.29	8.24	28.04	16.20	36.00
5795MHz	Pass	7.96	5.03	4.87	7.73	28.04	15.69	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.96	-5.64	-5.03	-2.41	15.04	5.55	23.00
5775MHz	Pass	7.96	2.31	2.29	5.02	28.04	12.98	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.96	-0.07	0.24	2.99	15.04	10.95	23.00
5200MHz	Pass	7.96	0.49	0.32	2.94	15.04	10.90	23.00
5240MHz	Pass	7.96	0.10	0.14	3.08	15.04	11.04	23.00
5745MHz	Pass	7.96	3.86	3.78	6.76	28.04	14.72	36.00
5785MHz	Pass	7.96	1.15	0.99	3.95	28.04	11.91	36.00
5825MHz	Pass	7.96	-1.67	-1.80	1.19	28.04	9.15	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.96	-1.90	-2.25	0.73	15.04	8.69	23.00
5230MHz	Pass	7.96	-2.11	-2.46	0.59	15.04	8.55	23.00
5755MHz	Pass	7.96	5.36	5.45	8.04	28.04	16.00	36.00
5795MHz	Pass	7.96	5.19	4.87	7.70	28.04	15.66	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.96	-5.43	-4.92	-2.32	15.04	5.64	23.00
5775MHz	Pass	7.96	2.47	2.33	5.05	28.04	13.01	36.00

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

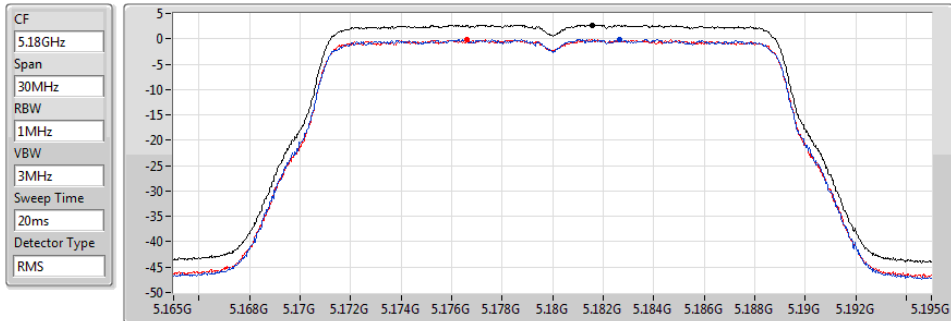
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

23/02/2020



Sum 
Port 1 
Port 2 

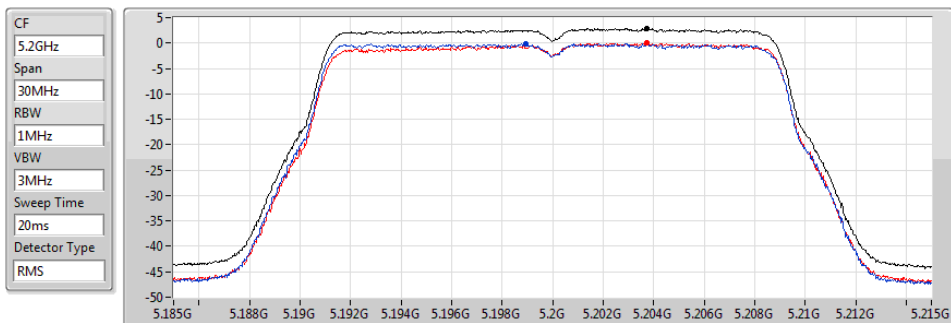
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.72	2.72	-0.12	-0.12

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

23/02/2020



Sum 
Port 1 
Port 2 

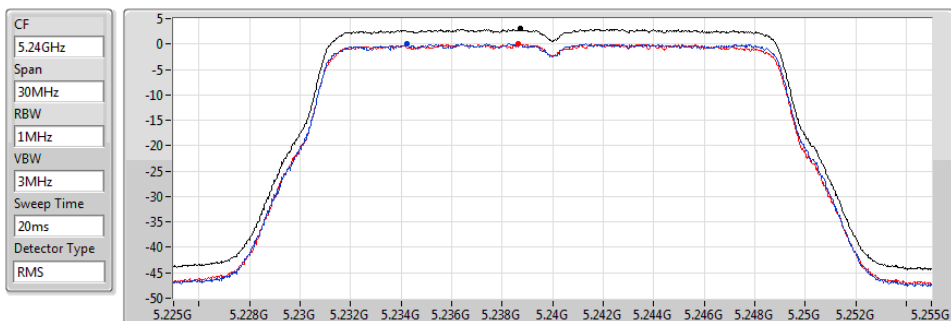
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.90	2.90	-0.13	-0.04

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

23/02/2020



Sum 
Port 1 
Port 2 

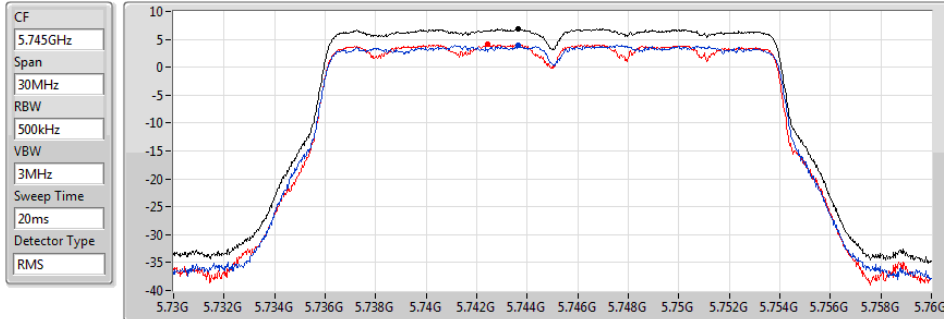
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.00	3.00	0.05	0.01

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

23/02/2020



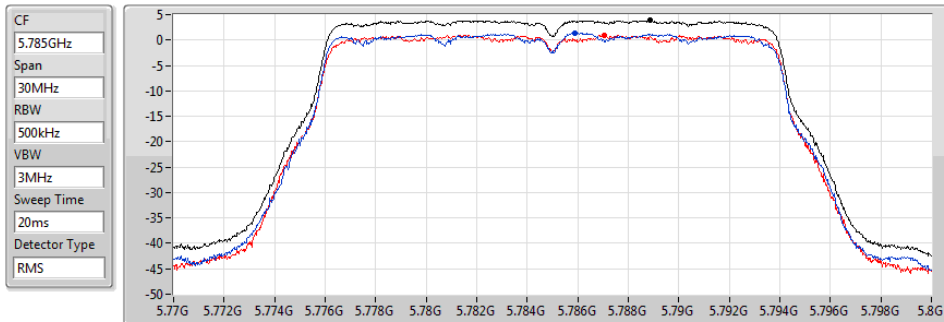
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.94	6.94	4.01	4.08

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



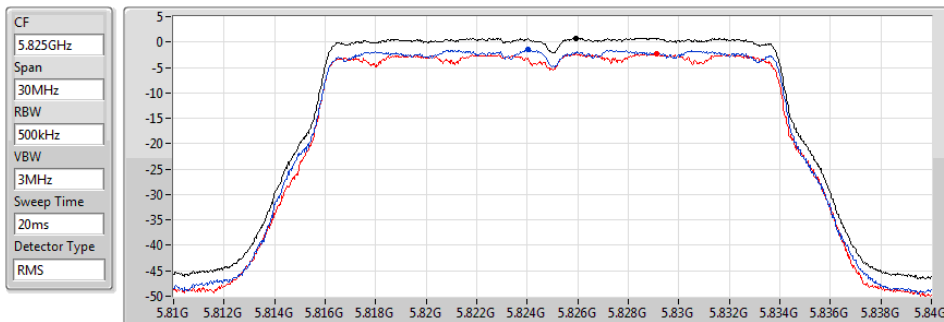
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.93	3.93	1.32	0.97

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



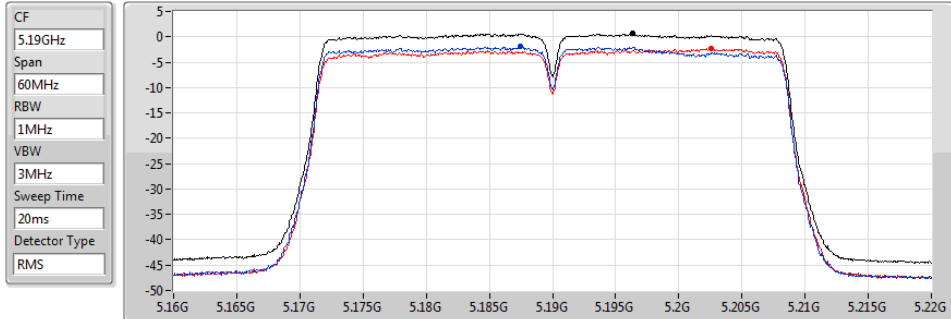
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.81	0.81	-1.54	-2.37

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

23/02/2020



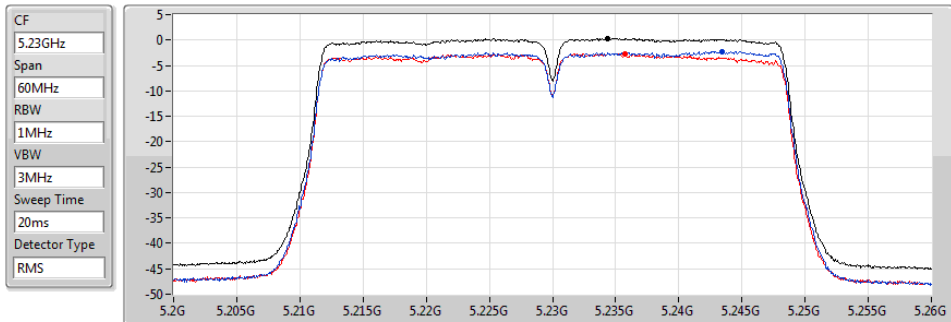
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.60	0.60	-1.97	-2.30

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

23/02/2020



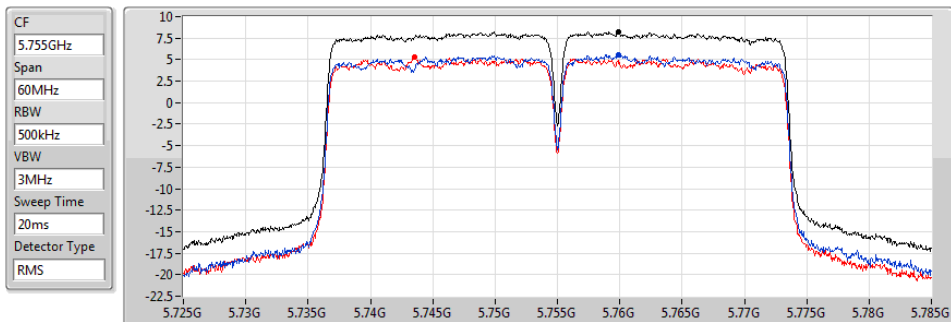
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.37	0.37	-2.21	-2.68

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

23/02/2020



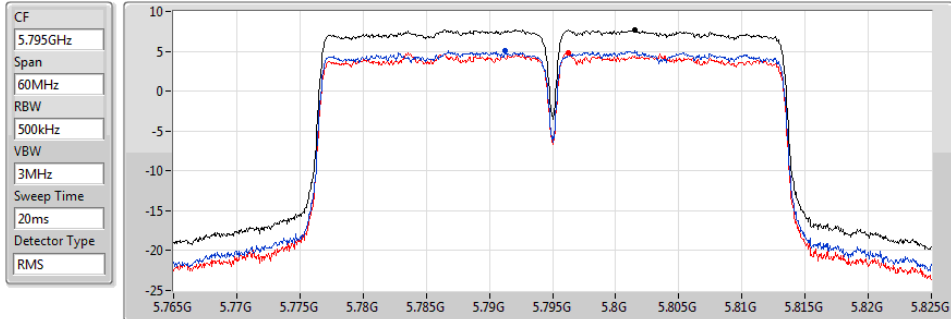
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.24	8.24	5.57	5.29

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



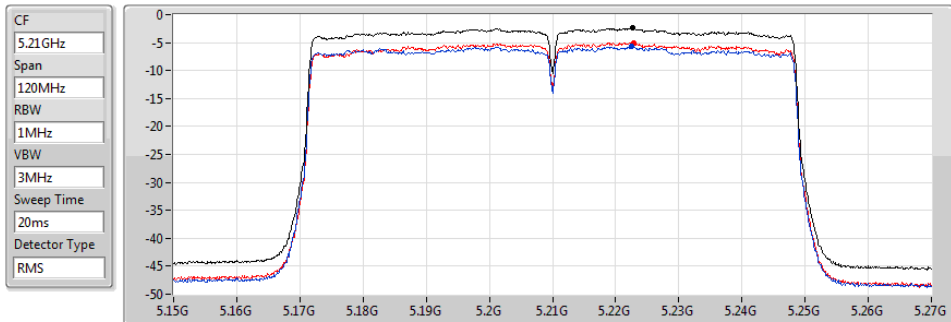
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.73	7.73	5.03	4.87

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

23/02/2020



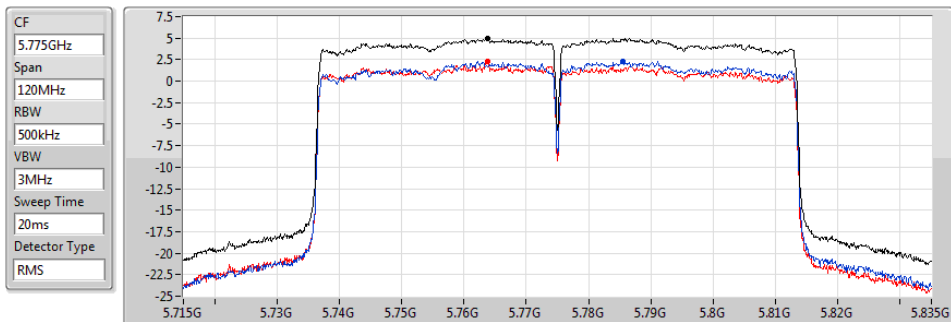
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.41	-2.41	-5.64	-5.03

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020



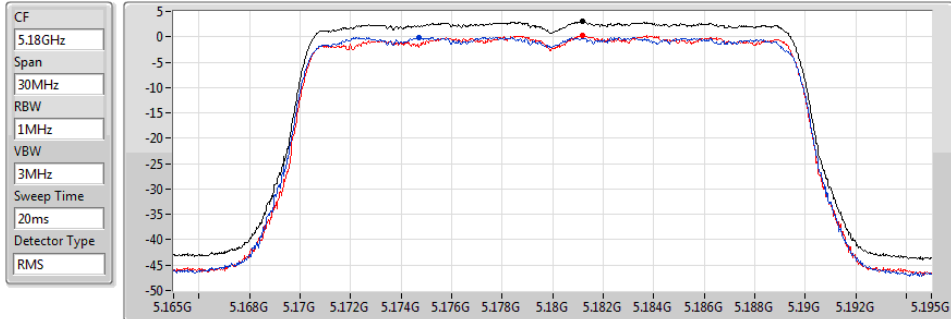
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.02	5.02	2.31	2.29

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

23/02/2020



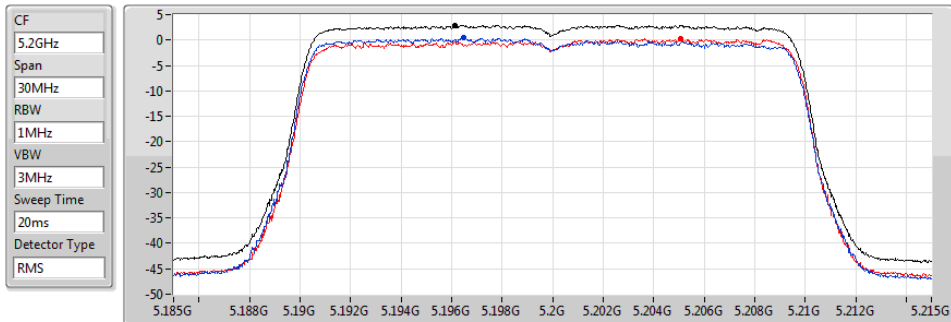
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.99	2.99	-0.07	0.24

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

23/02/2020



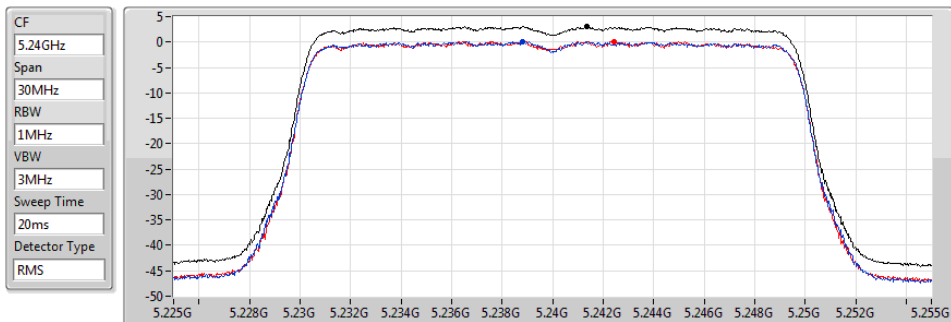
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.94	2.94	0.49	0.32

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

23/02/2020



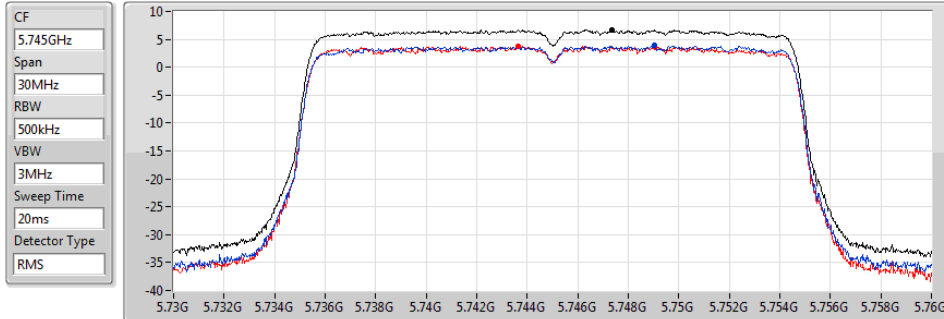
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.08	3.08	0.10	0.14

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

23/02/2020



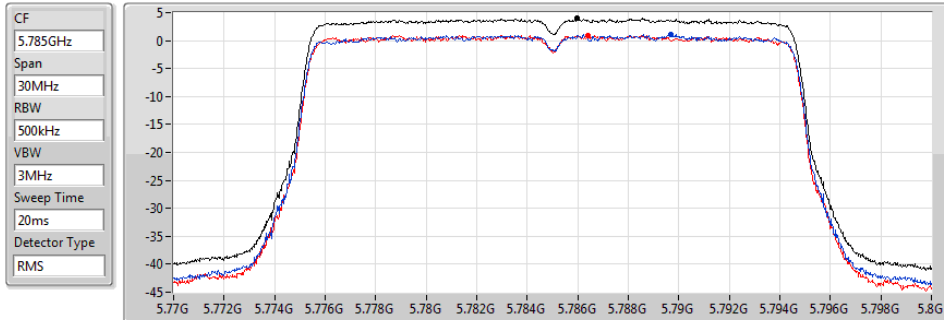
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.76	6.76	3.86	3.78

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



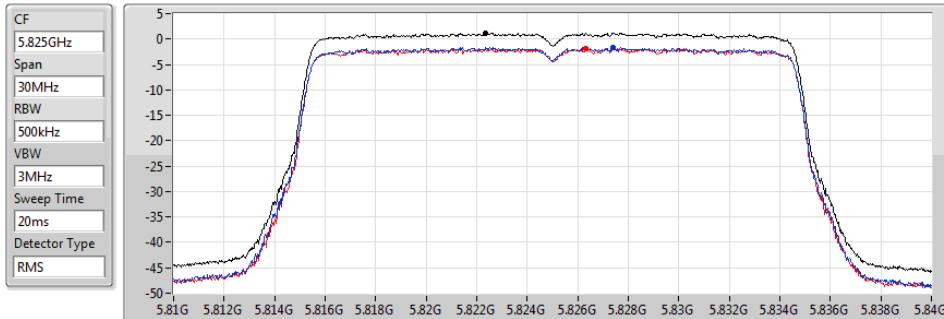
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.95	3.95	1.15	0.99

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



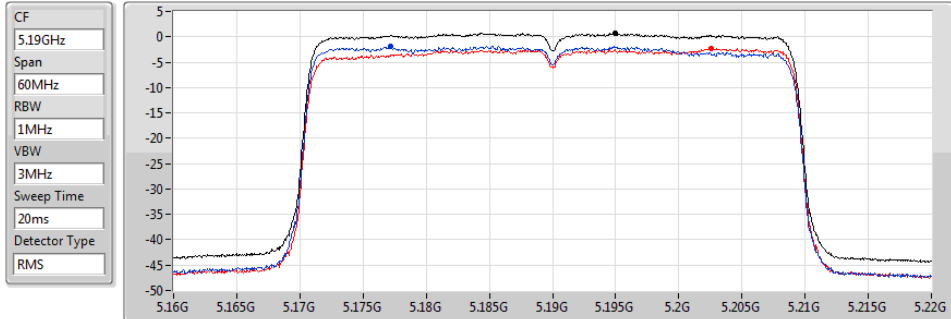
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.19	1.19	-1.67	-1.80

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

23/02/2020



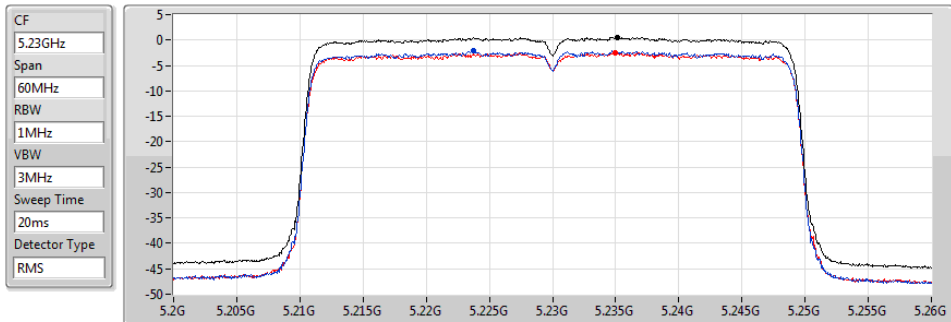
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.73	0.73	-1.90	-2.25

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

23/02/2020



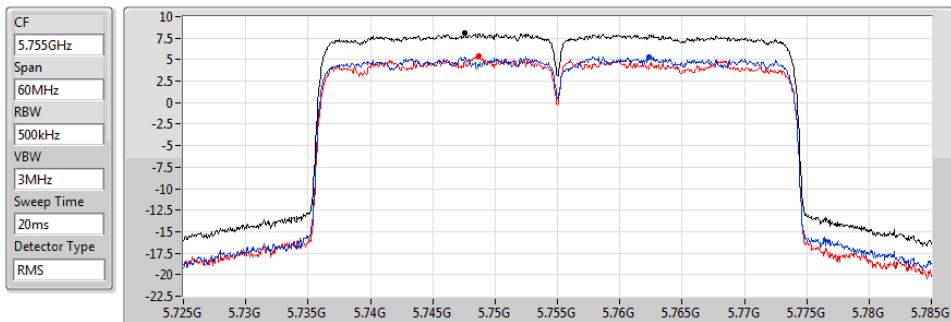
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.59	0.59	-2.11	-2.46

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

23/02/2020



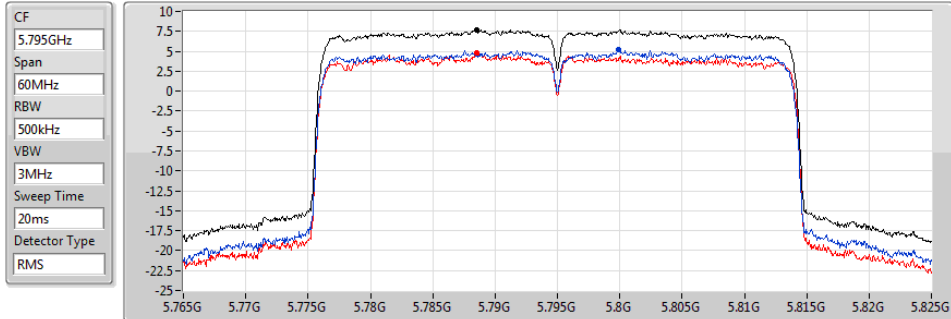
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.04	8.04	5.36	5.45

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



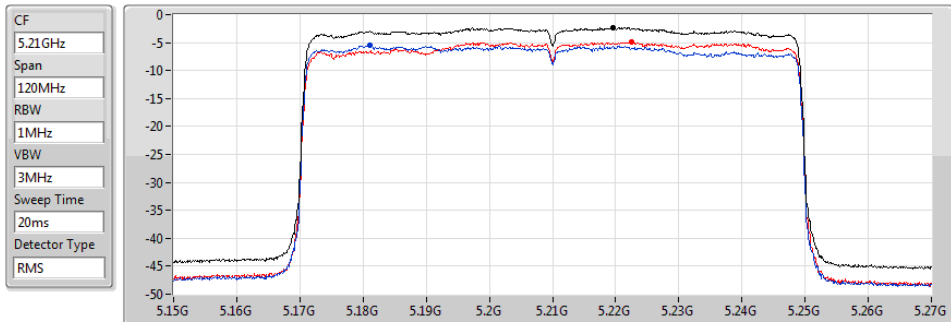
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.70	7.70	5.19	4.87

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

23/02/2020



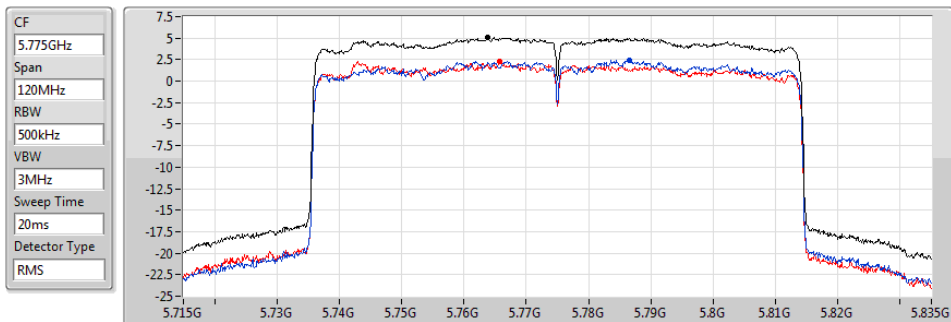
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.32	-2.32	-5.43	-4.92

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.05	5.05	2.47	2.33



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	3.06	11.09
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	0.30	8.33
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-2.91	5.12
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	3.35	11.38
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.67	8.70
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.25	5.78
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.89	16.92
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.80	14.83
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.27	10.30
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.16	17.19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.28	15.31
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.77	10.80

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.03	0.40	-0.21	3.06	14.97	11.09	23.00
5200MHz	Pass	8.03	0.18	-0.46	2.80	14.97	10.83	23.00
5240MHz	Pass	8.03	0.29	-0.46	2.80	14.97	10.83	23.00
5745MHz	Pass	8.03	5.92	6.29	8.89	27.97	16.92	36.00
5785MHz	Pass	8.03	5.63	6.33	8.80	27.97	16.83	36.00
5825MHz	Pass	8.03	5.46	5.91	8.50	27.97	16.53	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.03	-2.42	-2.97	0.30	14.97	8.33	23.00
5230MHz	Pass	8.03	-2.41	-2.77	0.29	14.97	8.32	23.00
5755MHz	Pass	8.03	3.97	3.90	6.80	27.97	14.83	36.00
5795MHz	Pass	8.03	3.92	4.10	6.74	27.97	14.77	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.03	-5.76	-5.99	-2.91	14.97	5.12	23.00
5775MHz	Pass	8.03	-1.09	-0.26	2.27	27.97	10.30	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.03	0.55	0.31	3.35	14.97	11.38	23.00
5200MHz	Pass	8.03	0.68	0.01	3.23	14.97	11.26	23.00
5240MHz	Pass	8.03	0.63	0.06	3.21	14.97	11.24	23.00
5745MHz	Pass	8.03	6.22	6.76	9.16	27.97	17.19	36.00
5785MHz	Pass	8.03	5.96	6.55	9.03	27.97	17.06	36.00
5825MHz	Pass	8.03	5.80	6.11	8.64	27.97	16.67	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.03	-2.04	-2.53	0.52	14.97	8.55	23.00
5230MHz	Pass	8.03	-1.98	-2.45	0.67	14.97	8.70	23.00
5755MHz	Pass	8.03	4.22	4.51	7.13	27.97	15.16	36.00
5795MHz	Pass	8.03	4.18	4.64	7.28	27.97	15.31	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.03	-5.06	-5.38	-2.25	14.97	5.78	23.00
5775MHz	Pass	8.03	-0.15	0.30	2.77	27.97	10.80	36.00

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

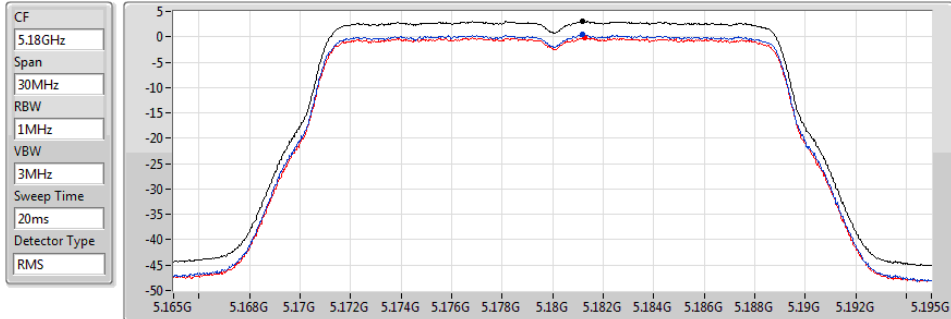
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

22/02/2020



Sum
Port 1
Port 2

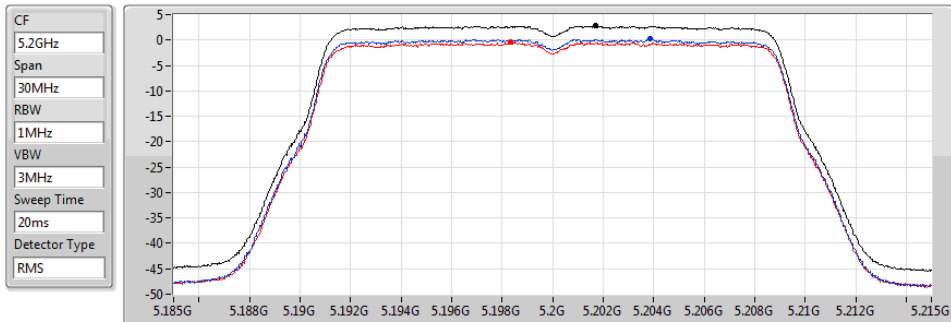
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.06	3.06	0.40	-0.21

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

22/02/2020



Sum
Port 1
Port 2

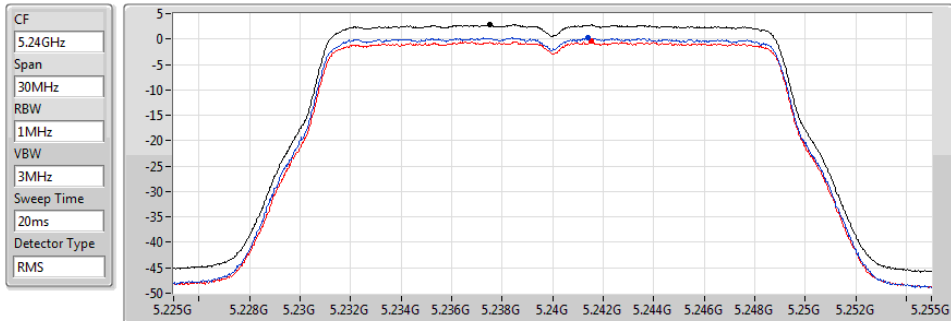
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.80	2.80	0.18	-0.46

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

22/02/2020



Sum
Port 1
Port 2

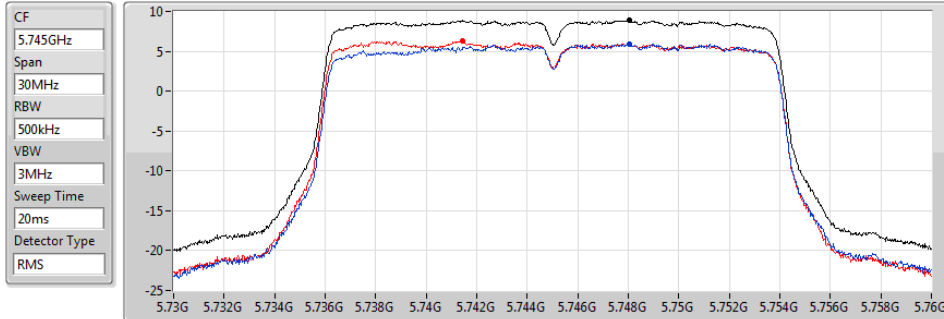
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.80	2.80	0.29	-0.46

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

23/02/2020



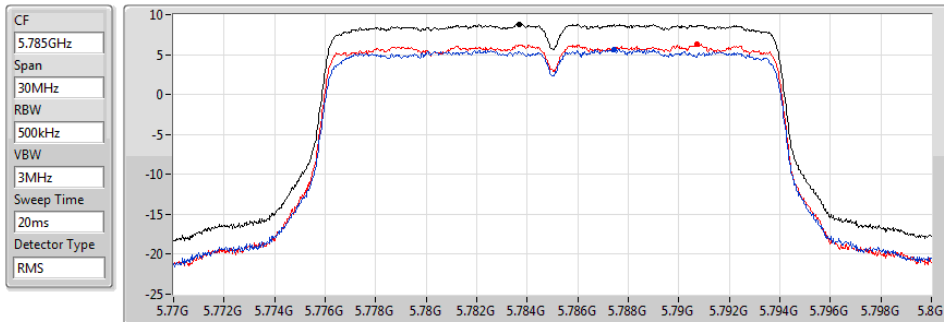
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.89	8.89	5.92	6.29

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



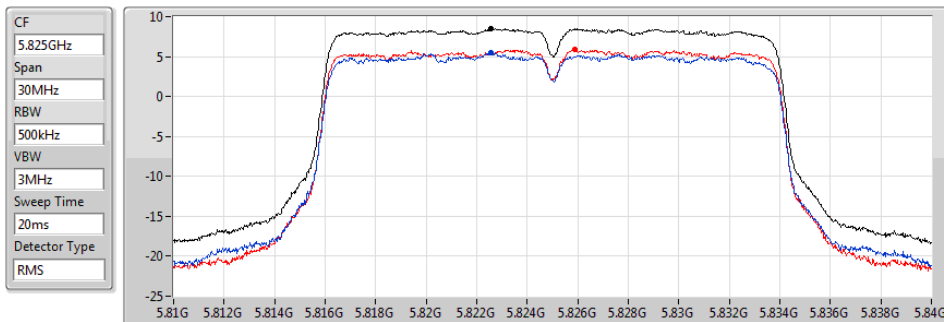
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.80	8.80	5.63	6.33

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



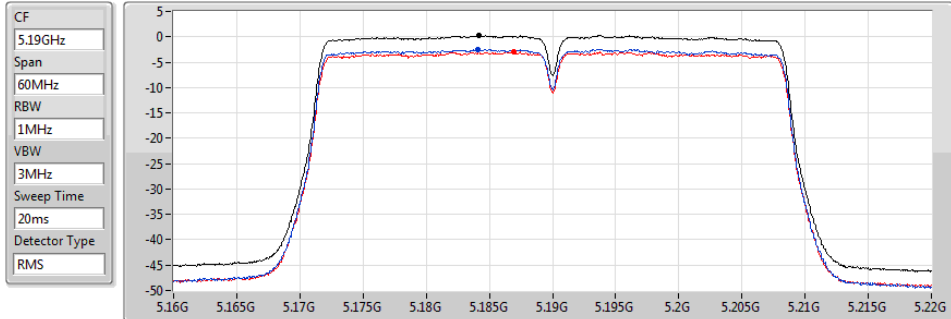
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.50	8.50	5.46	5.91

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

22/02/2020



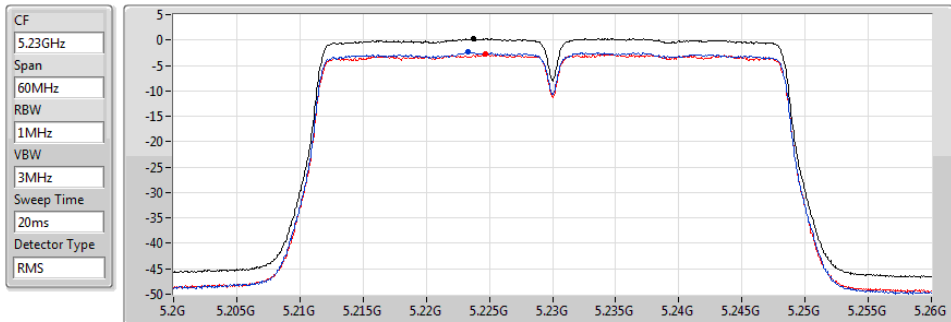
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.30	0.30	-2.42	-2.97

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

22/02/2020



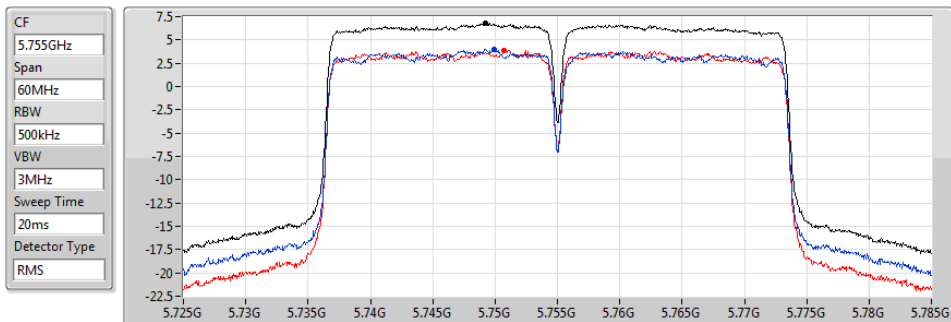
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.29	0.29	-2.41	-2.77

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

23/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.80	6.80	3.97	3.90

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



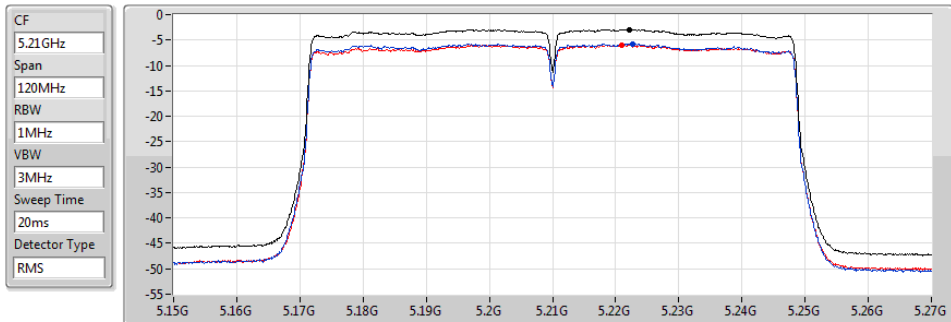
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.74	6.74	3.92	4.10

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

22/02/2020



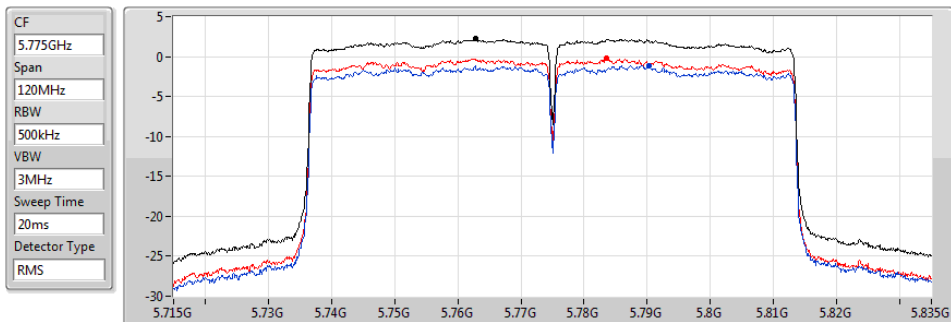
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.91	-2.91	-5.76	-5.99

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020



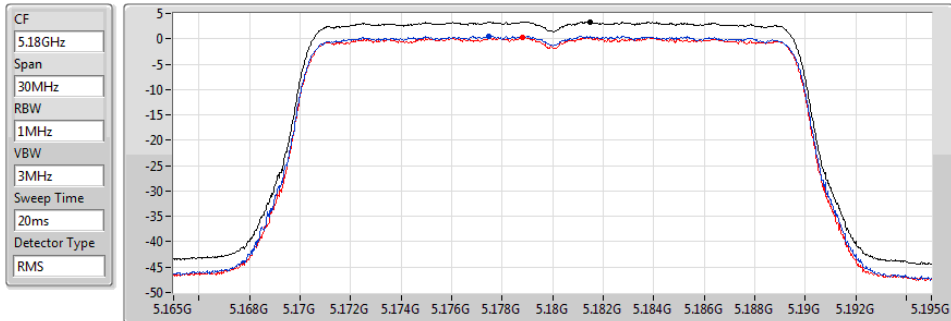
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.27	2.27	-1.09	-0.26

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

22/02/2020



Sum
Port 1
Port 2

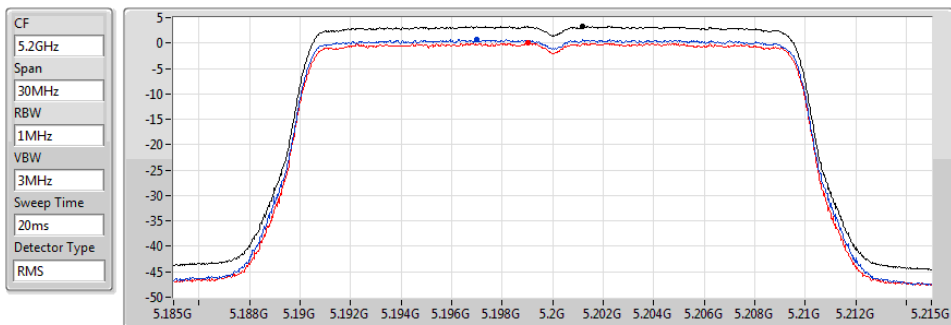
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.35	3.35	0.55	0.31

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

22/02/2020



Sum
Port 1
Port 2

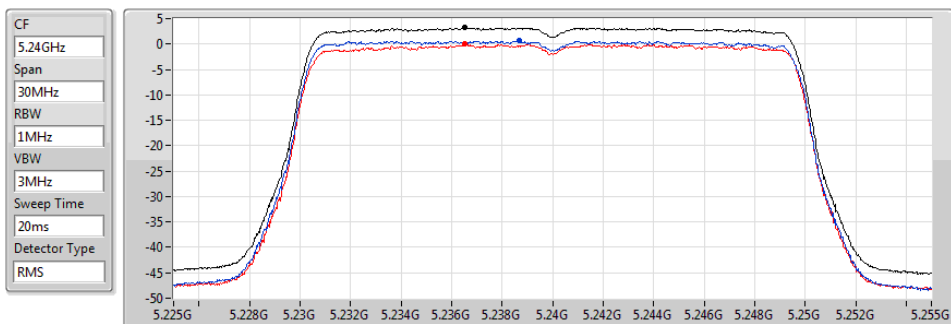
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.23	3.23	0.68	0.01

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

22/02/2020



Sum
Port 1
Port 2

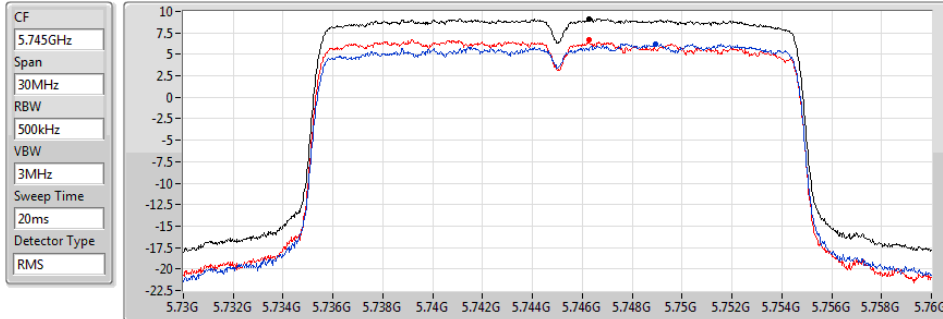
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.21	3.21	0.63	0.06

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

22/02/2020



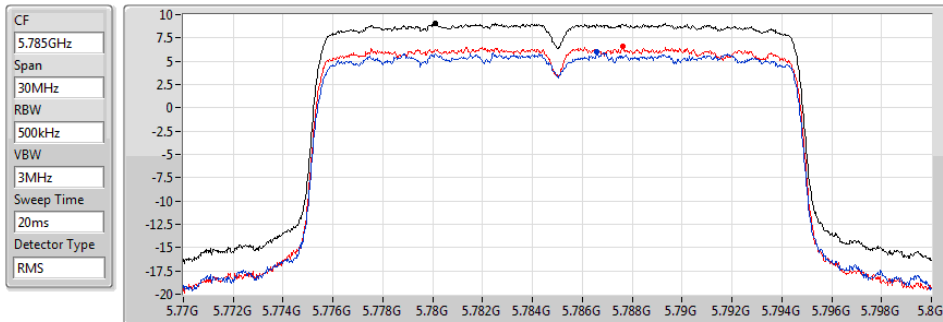
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.16	9.16	6.22	6.76

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

22/02/2020



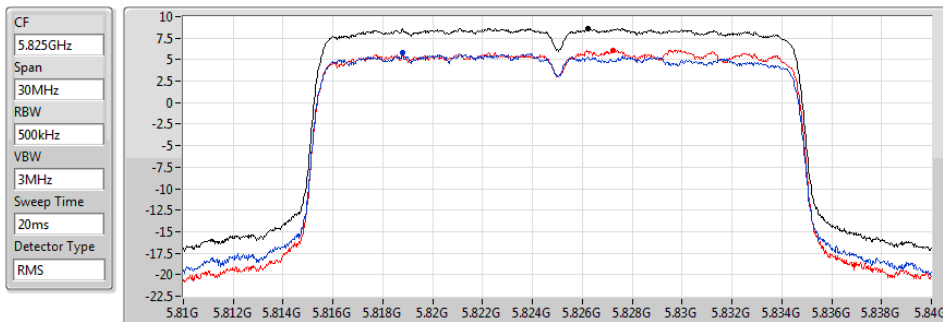
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.03	9.03	5.96	6.55

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

22/02/2020



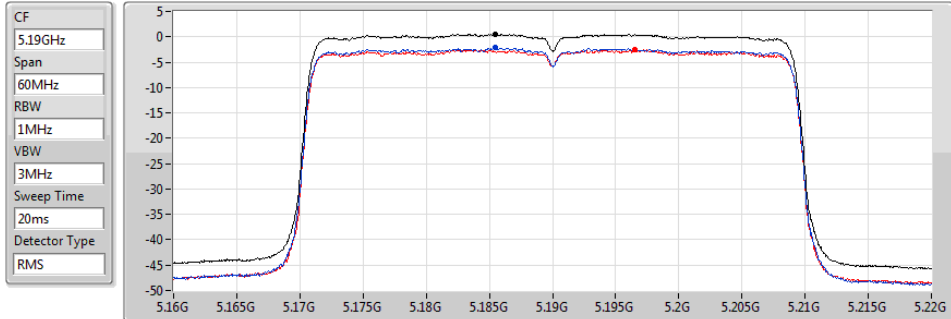
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.64	8.64	5.80	6.11

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

22/02/2020



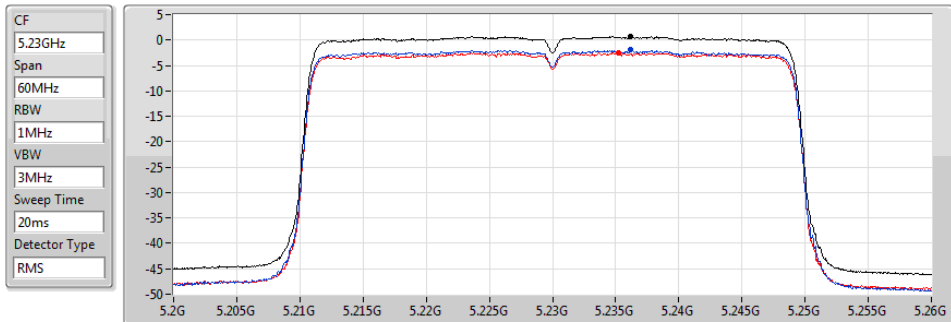
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.52	0.52	-2.04	-2.53

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

22/02/2020



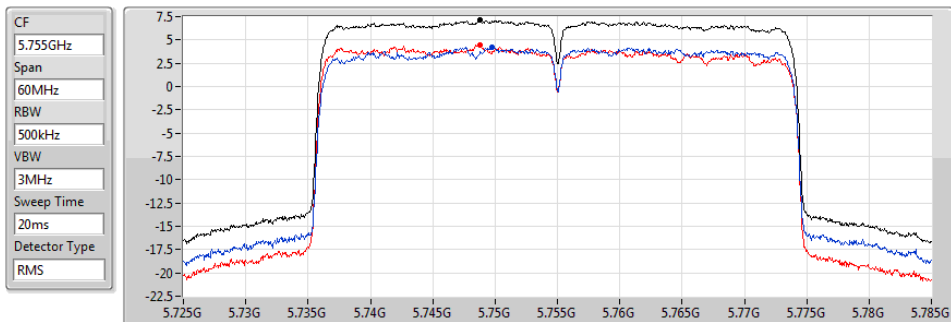
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.67	0.67	-1.98	-2.45

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

22/02/2020



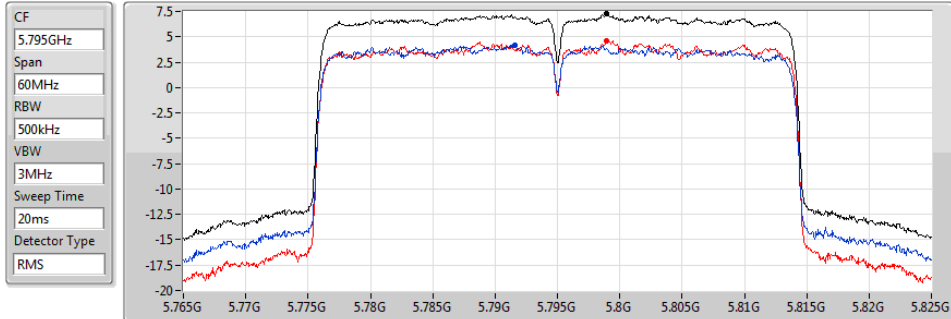
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.13	7.13	4.22	4.51

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

22/02/2020



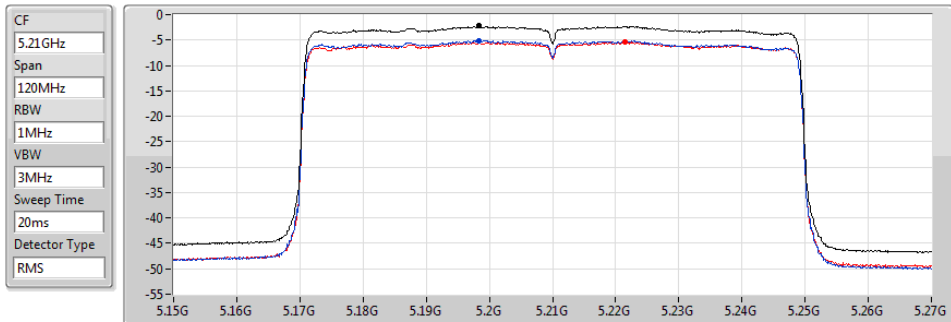
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.28	7.28	4.18	4.64

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

22/02/2020



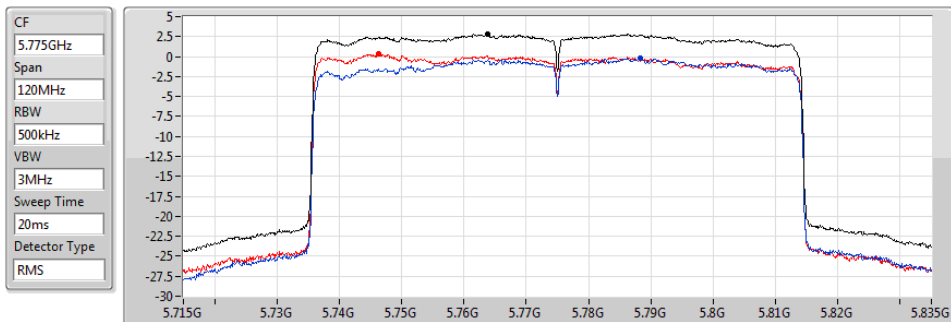
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.25	-2.25	-5.06	-5.38

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

22/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.77	2.77	-0.15	0.30



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	10.44	21.45
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	5.82	16.83
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-2.85	8.16
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.43	21.44
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.76	14.77
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.55	8.46
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.09	20.10
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.02	17.03
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.94	10.07
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.21	20.22
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.00	17.01
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.94	10.07

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	3.07	2.12	5.61	11.99	16.62	23.00
5200MHz	Pass	11.01	7.20	7.19	10.20	11.99	21.21	23.00
5240MHz	Pass	11.01	7.46	7.62	10.44	11.99	21.45	23.00
5745MHz	Pass	11.01	5.94	6.42	9.09	24.99	20.10	36.00
5785MHz	Pass	11.01	5.04	6.25	8.49	24.99	19.50	36.00
5825MHz	Pass	11.01	-1.30	-0.70	1.95	24.99	12.96	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	-2.87	-3.11	-0.13	11.99	10.88	23.00
5230MHz	Pass	11.01	2.90	2.76	5.82	11.99	16.83	23.00
5755MHz	Pass	11.01	2.24	2.41	5.11	24.99	16.12	36.00
5795MHz	Pass	11.01	3.26	3.33	6.02	24.99	17.03	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	-5.84	-5.71	-2.85	11.99	8.16	23.00
5775MHz	Pass	11.01	-4.16	-3.59	-0.94	24.99	10.07	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	3.34	3.45	6.23	11.99	17.24	23.00
5200MHz	Pass	11.01	7.21	7.18	10.12	11.99	21.13	23.00
5240MHz	Pass	11.01	7.83	7.77	10.43	11.99	21.44	23.00
5745MHz	Pass	11.01	6.05	6.66	9.21	24.99	20.22	36.00
5785MHz	Pass	11.01	6.13	6.50	9.04	24.99	20.05	36.00
5825MHz	Pass	11.01	-1.17	-0.68	2.04	24.99	13.05	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	-2.63	-2.83	0.25	11.99	11.26	23.00
5230MHz	Pass	11.01	0.76	0.89	3.76	11.99	14.77	23.00
5755MHz	Pass	11.01	2.41	2.66	5.28	24.99	16.29	36.00
5795MHz	Pass	11.01	3.18	3.25	6.00	24.99	17.01	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	-5.47	-5.50	-2.55	11.99	8.46	23.00
5775MHz	Pass	11.01	-3.91	-3.90	-0.94	24.99	10.07	36.00

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

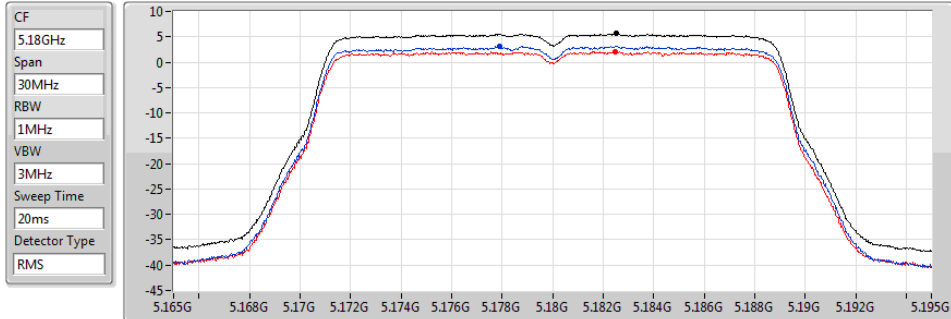
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

23/02/2020



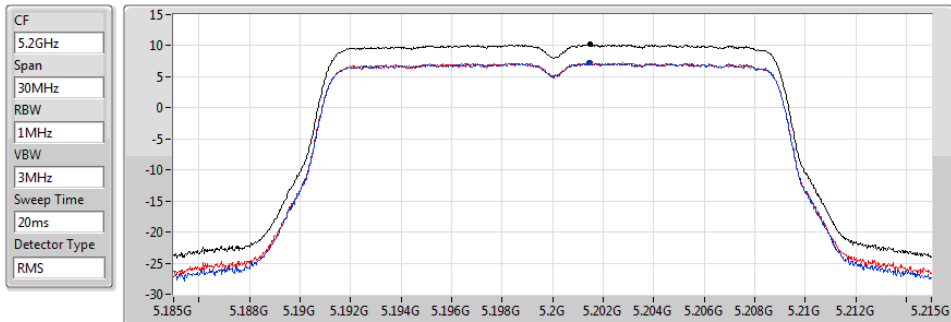
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.61	5.61	3.07	2.12

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

23/02/2020



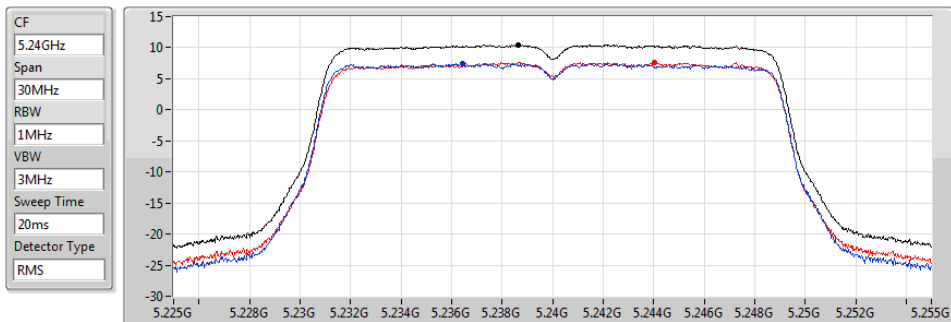
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.20	10.20	7.20	7.19

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

23/02/2020



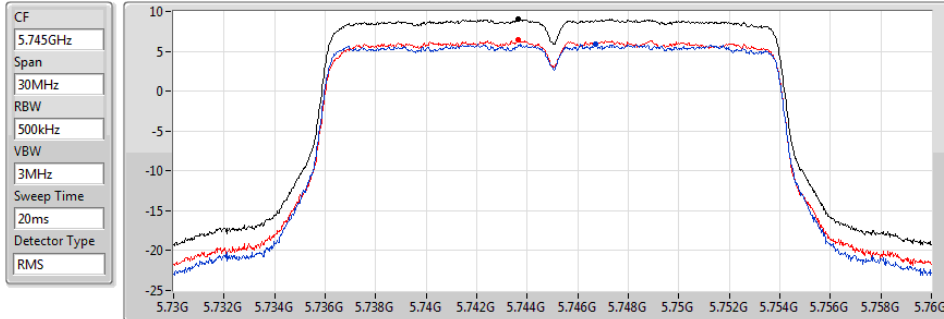
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.44	10.44	7.46	7.62

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

23/02/2020



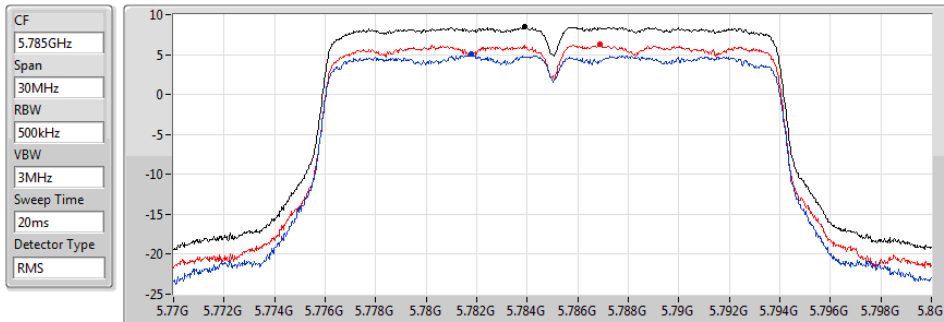
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.09	9.09	5.94	6.42

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



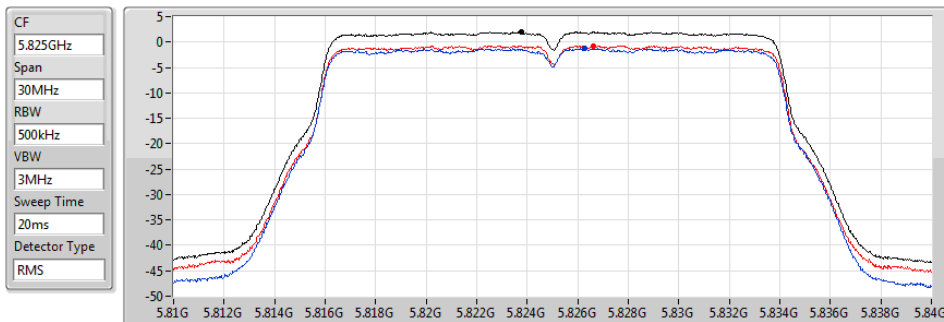
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.49	8.49	5.04	6.25

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



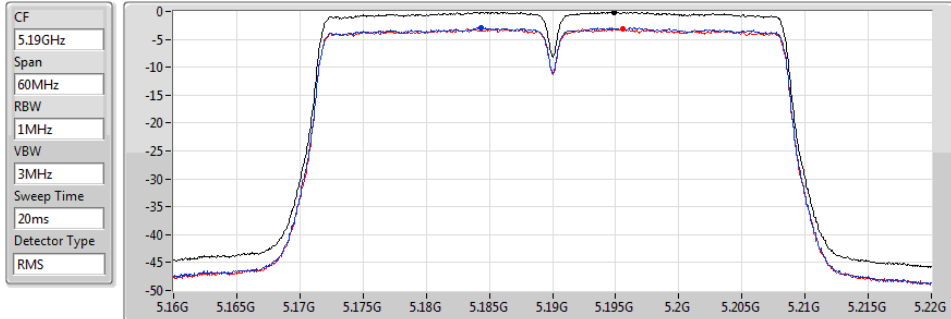
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.95	1.95	-1.30	-0.70

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

23/02/2020



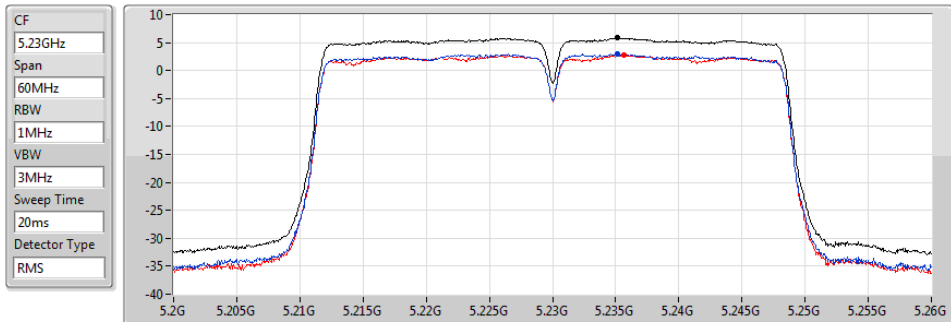
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.13	-0.13	-2.87	-3.11

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

23/02/2020



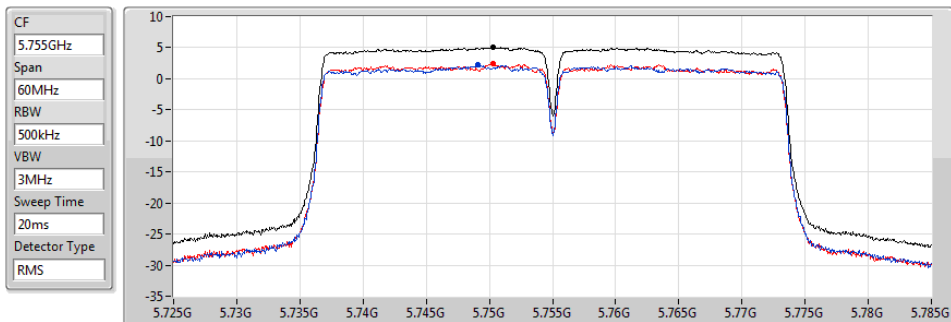
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.82	5.82	2.90	2.76

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

23/02/2020



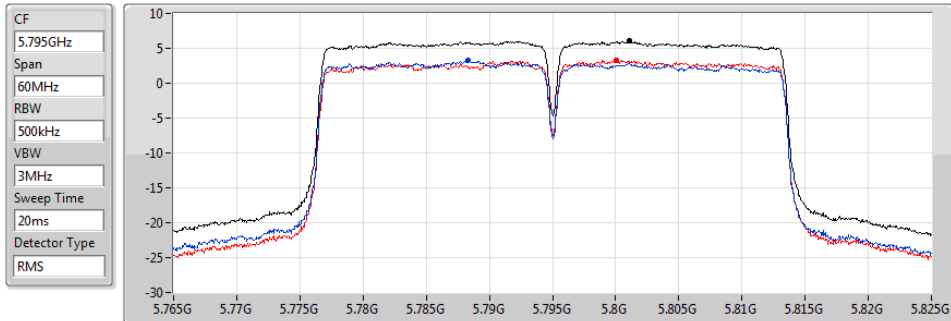
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.11	5.11	2.24	2.41

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



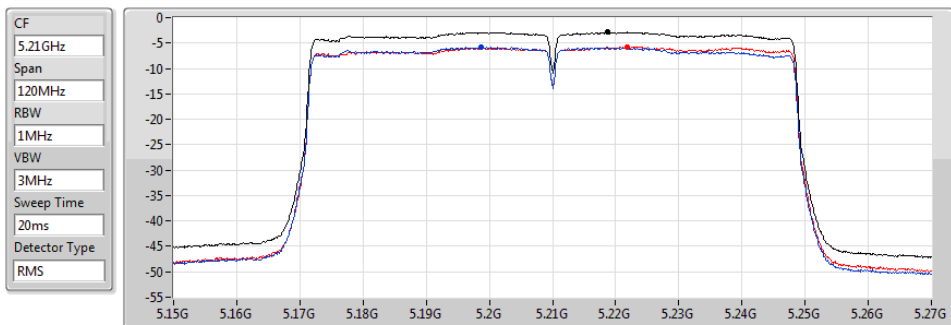
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.02	6.02	3.26	3.33

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

23/02/2020



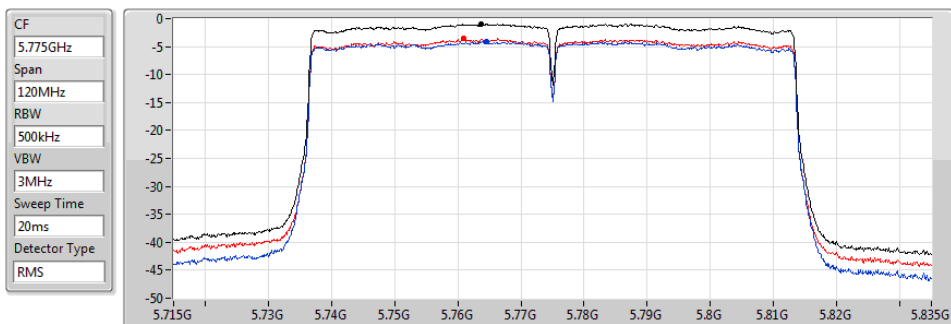
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.85	-2.85	-5.84	-5.71

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020



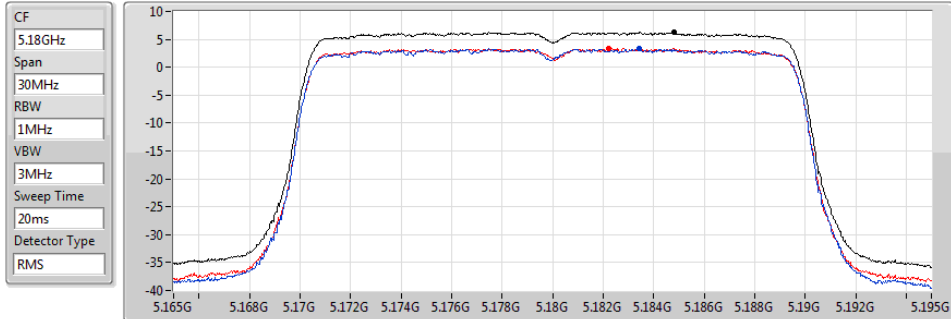
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.94	-0.94	-4.16	-3.59

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

23/02/2020



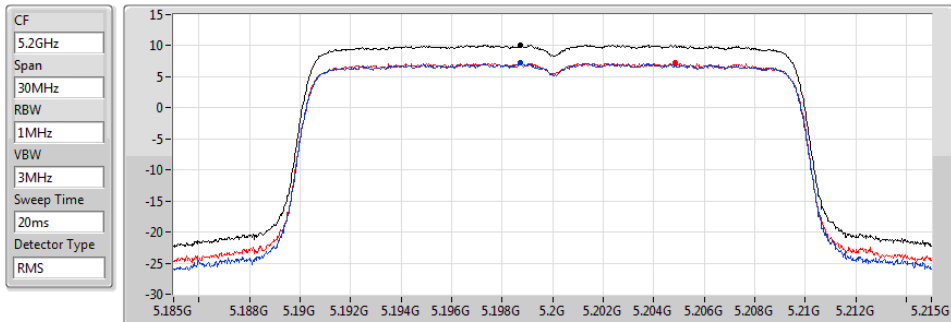
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.23	6.23	3.34	3.45

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

23/02/2020



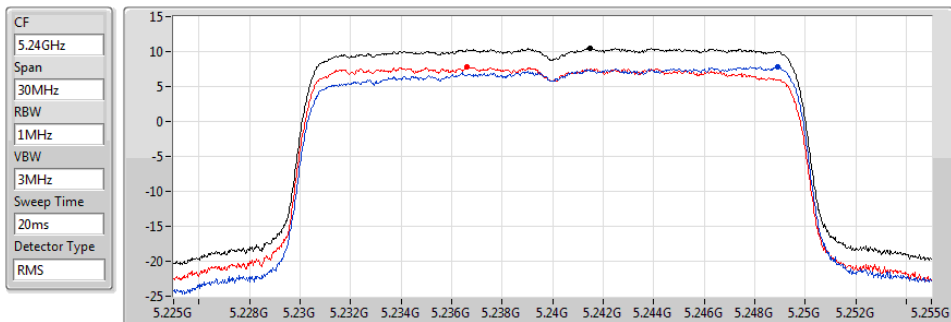
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.12	10.12	7.21	7.18

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

23/02/2020



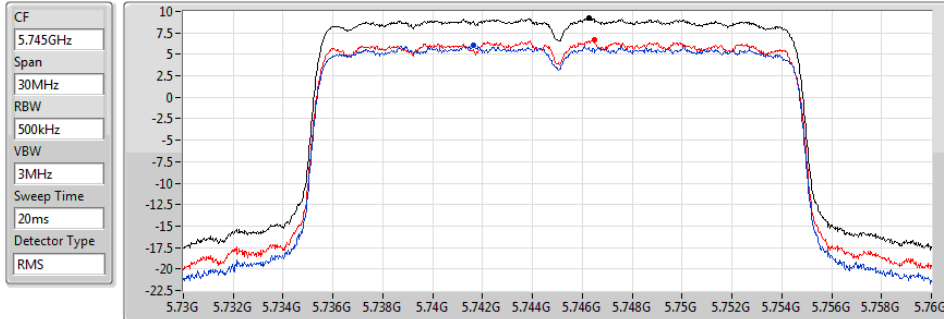
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.43	10.43	7.83	7.77

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

23/02/2020



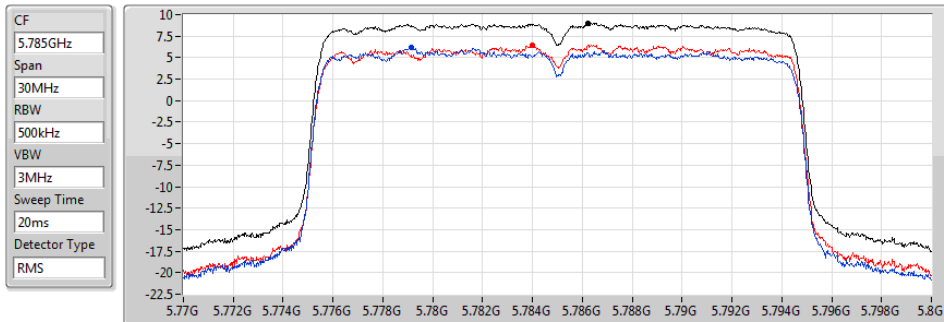
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.21	9.21	6.05	6.66

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



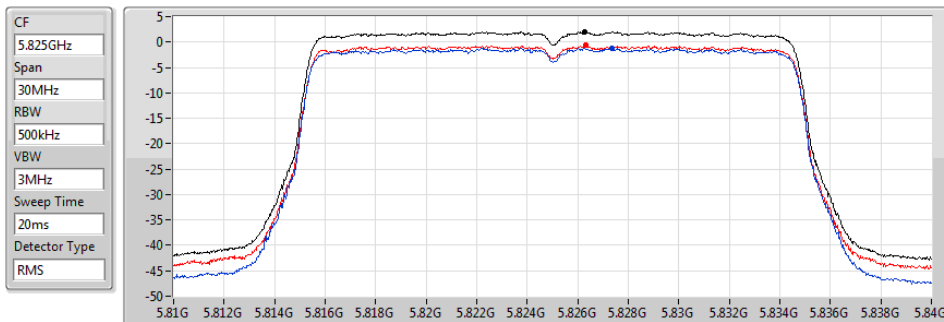
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.04	9.04	6.13	6.50

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



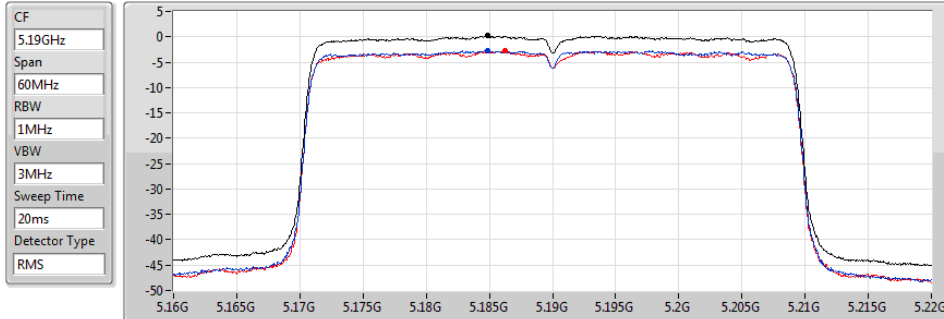
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.04	2.04	-1.17	-0.68

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

23/02/2020



Sum
Port 1
Port 2

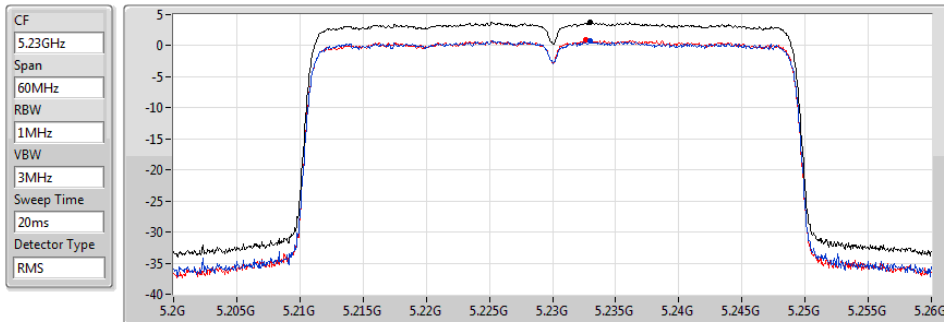
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.25	0.25	-2.63	-2.83

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

23/02/2020



Sum
Port 1
Port 2

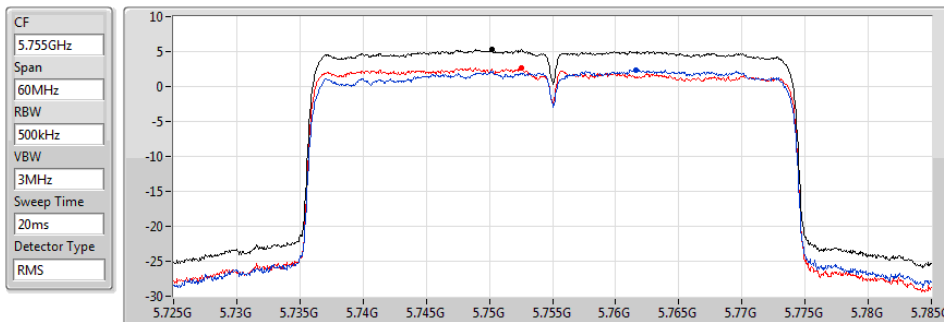
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.76	3.76	0.76	0.89

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

23/02/2020



Sum
Port 1
Port 2

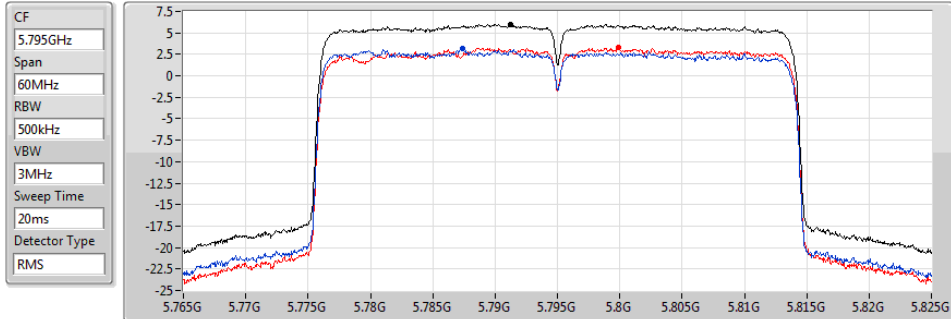
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.28	5.28	2.41	2.66

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



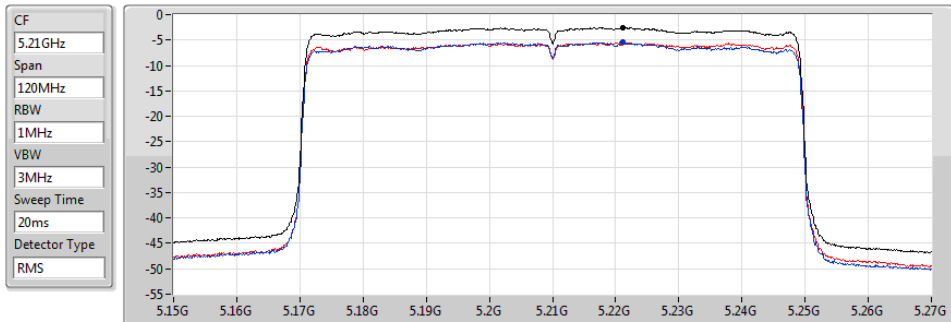
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.00	6.00	3.18	3.25

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

23/02/2020



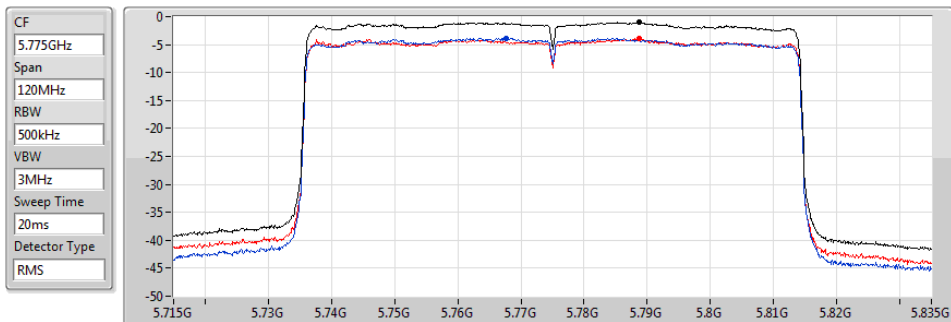
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.55	-2.55	-5.47	-5.50

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.94	-0.94	-3.91	-3.90



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	0.10	13.81
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-4.01	9.70
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-5.43	8.28
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.66	14.37
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-2.14	11.57
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-4.90	8.81
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	7.67	21.38
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	4.55	18.26
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.47	13.24
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	7.59	21.30
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.63	18.34
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.06	13.65

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	-2.80	-3.68	-0.35	9.29	13.36	23.00
5200MHz	Pass	13.71	-7.28	-6.20	-4.05	9.29	9.66	23.00
5240MHz	Pass	13.71	-2.89	-2.64	0.10	9.29	13.81	23.00
5745MHz	Pass	13.71	4.88	4.65	7.67	22.29	21.38	36.00
5785MHz	Pass	13.71	-6.10	-5.68	-3.08	22.29	10.63	36.00
5825MHz	Pass	13.71	-3.00	-3.21	-0.28	22.29	13.43	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	-5.45	-8.93	-4.01	9.29	9.70	23.00
5230MHz	Pass	13.71	-10.75	-5.03	-4.25	9.29	9.46	23.00
5755MHz	Pass	13.71	1.78	1.40	4.55	22.29	18.26	36.00
5795MHz	Pass	13.71	-1.50	-2.28	0.91	22.29	14.62	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	-8.10	-8.63	-5.43	9.29	8.28	23.00
5775MHz	Pass	13.71	-3.29	-3.29	-0.47	22.29	13.24	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	-2.33	-2.41	0.52	9.29	14.23	23.00
5200MHz	Pass	13.71	-2.25	-2.29	0.60	9.29	14.31	23.00
5240MHz	Pass	13.71	-2.14	-2.21	0.66	9.29	14.37	23.00
5745MHz	Pass	13.71	4.75	4.59	7.59	22.29	21.30	36.00
5785MHz	Pass	13.71	-0.66	-0.74	2.13	22.29	15.84	36.00
5825MHz	Pass	13.71	-3.11	-3.24	-0.25	22.29	13.46	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	-5.46	-4.77	-2.23	9.29	11.48	23.00
5230MHz	Pass	13.71	-4.93	-4.86	-2.14	9.29	11.57	23.00
5755MHz	Pass	13.71	1.92	1.78	4.63	22.29	18.34	36.00
5795MHz	Pass	13.71	-1.38	-1.64	1.41	22.29	15.12	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	-7.56	-8.15	-4.90	9.29	8.81	23.00
5775MHz	Pass	13.71	-3.14	-2.83	-0.06	22.29	13.65	36.00

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

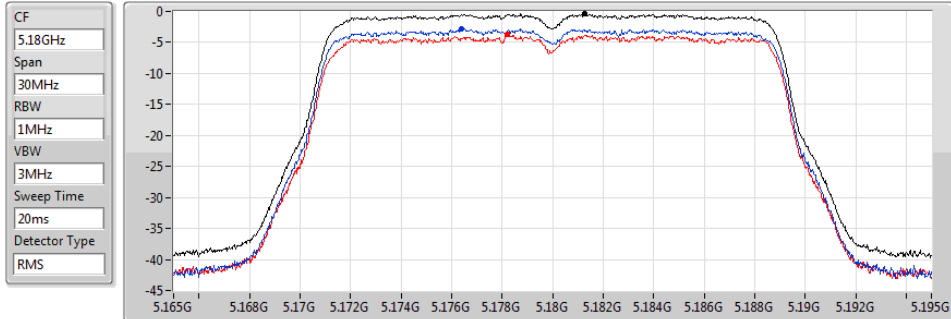
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

05/03/2020



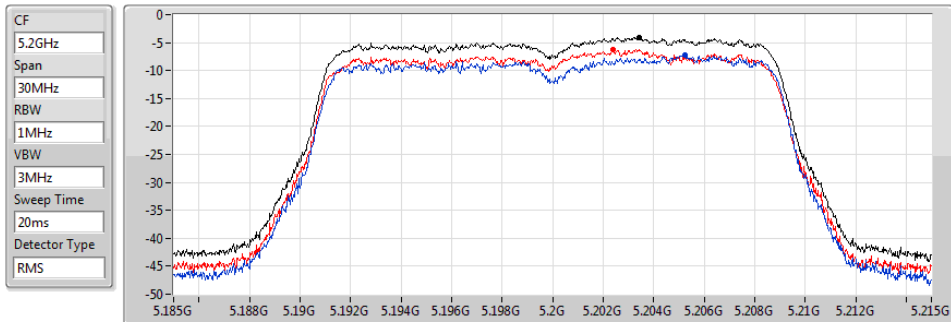
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.35	-0.35	-2.80	-3.68

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

05/03/2020



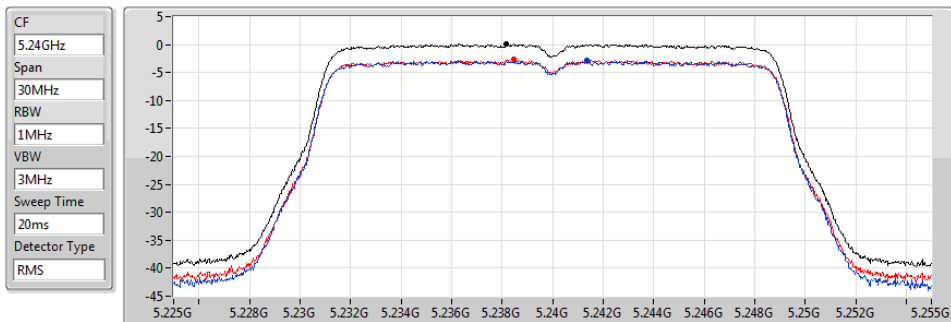
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.05	-4.05	-7.28	-6.20

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

05/03/2020



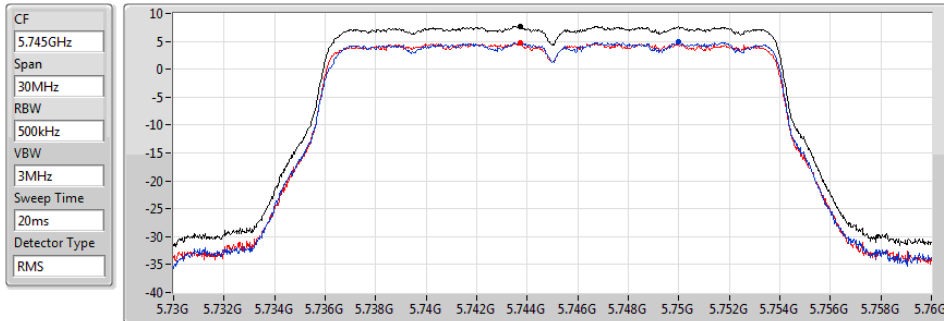
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.10	0.10	-2.89	-2.64

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

23/02/2020



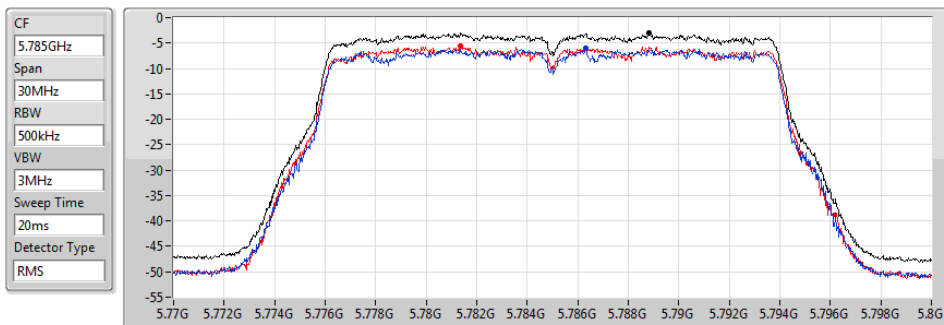
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.67	7.67	4.88	4.65

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



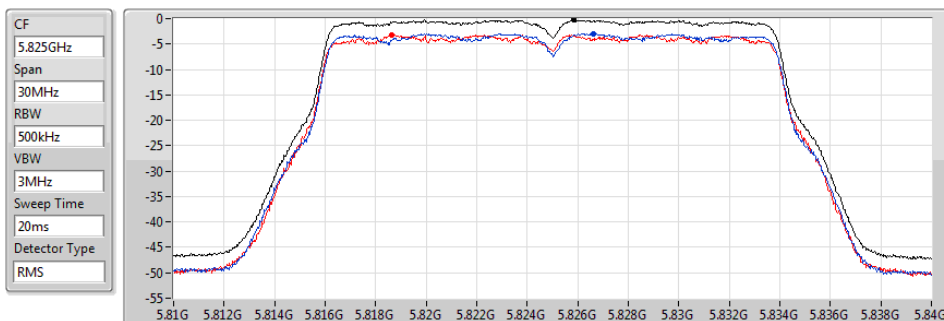
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.08	-3.08	-6.10	-5.68

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



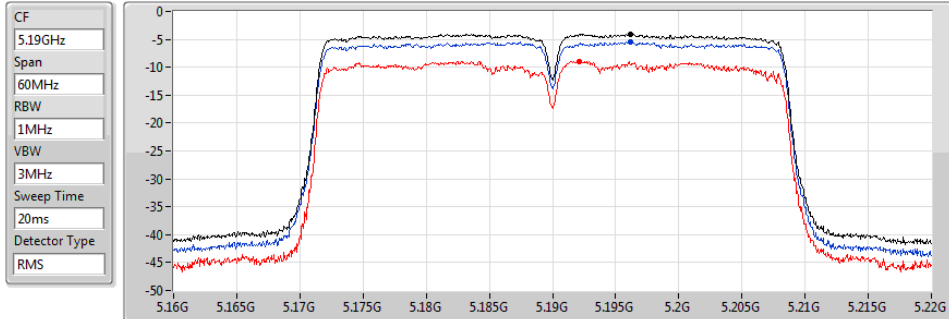
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.28	-0.28	-3.00	-3.21

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

05/03/2020



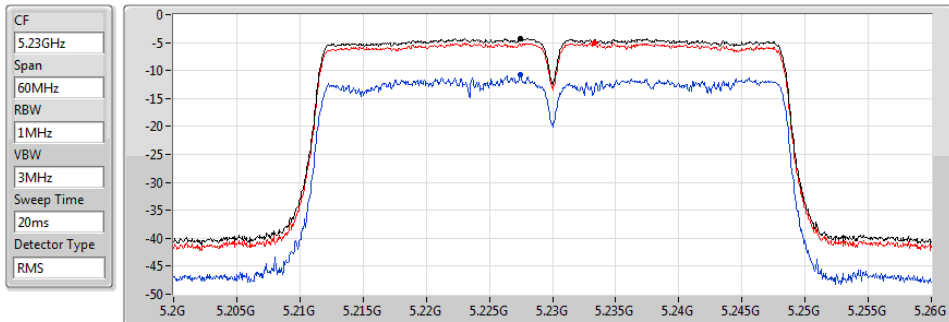
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.01	-4.01	-5.45	-8.93

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

05/03/2020



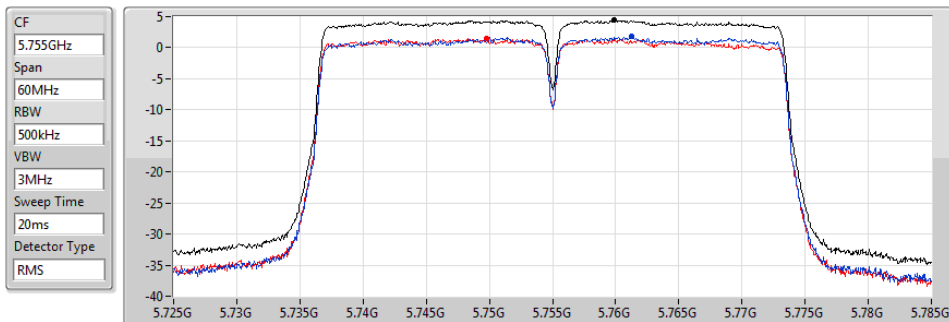
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.25	-4.25	-10.75	-5.03

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

23/02/2020



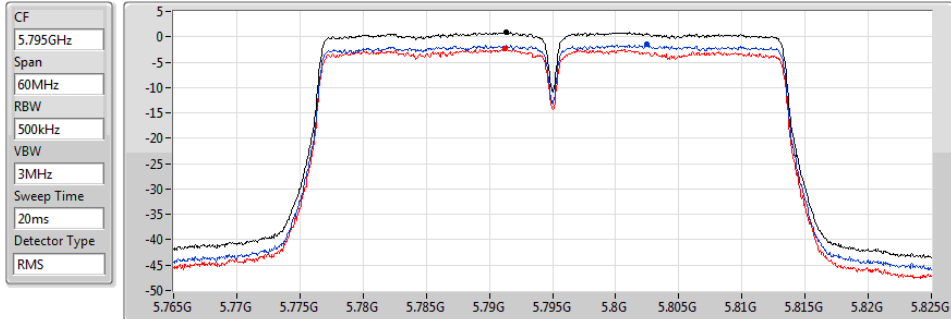
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.55	4.55	1.78	1.40

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



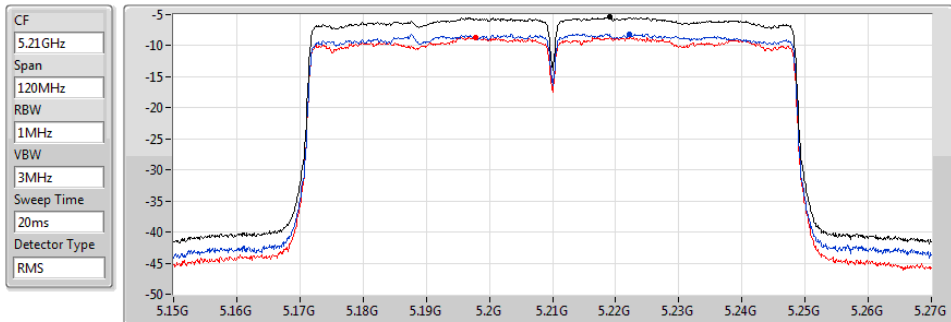
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.91	0.91	-1.50	-2.28

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

05/03/2020



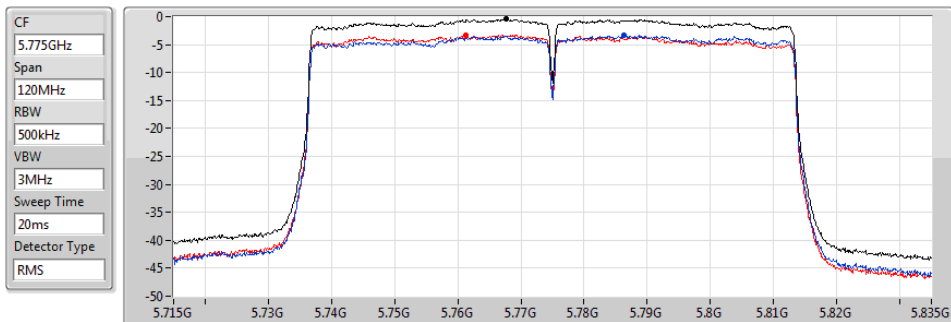
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.43	-5.43	-8.10	-8.63

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020



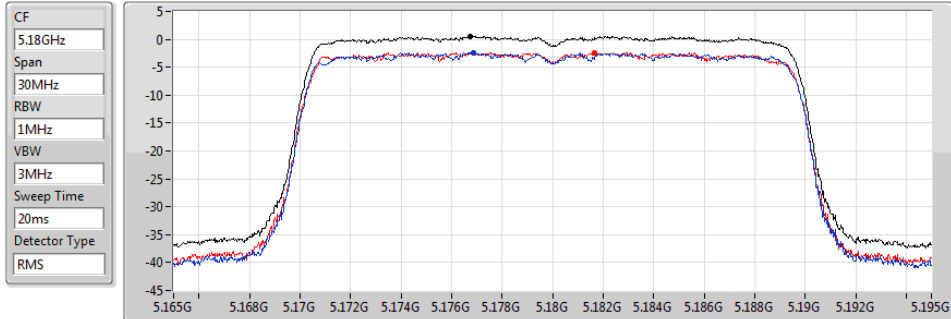
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.47	-0.47	-3.29	-3.29

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

05/03/2020



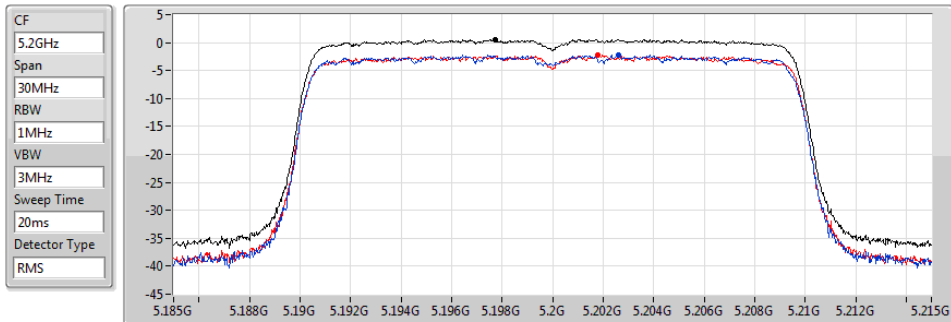
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.52	0.52	-2.33	-2.41

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

05/03/2020



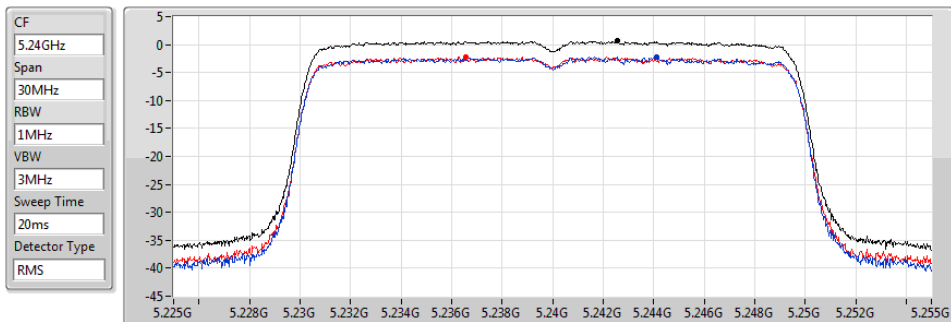
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.60	0.60	-2.25	-2.29

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

05/03/2020



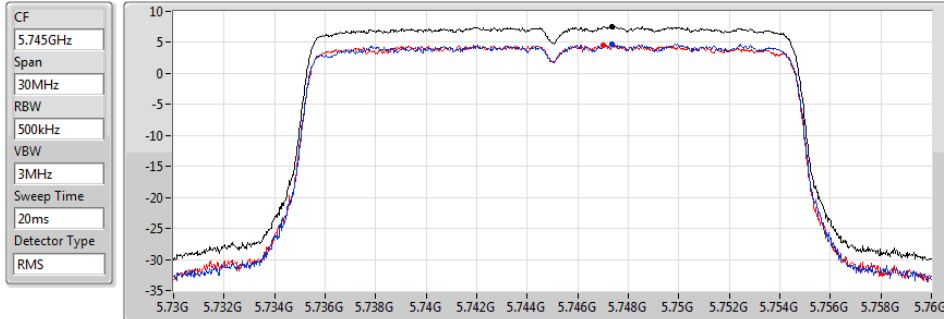
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.66	0.66	-2.14	-2.21

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

23/02/2020



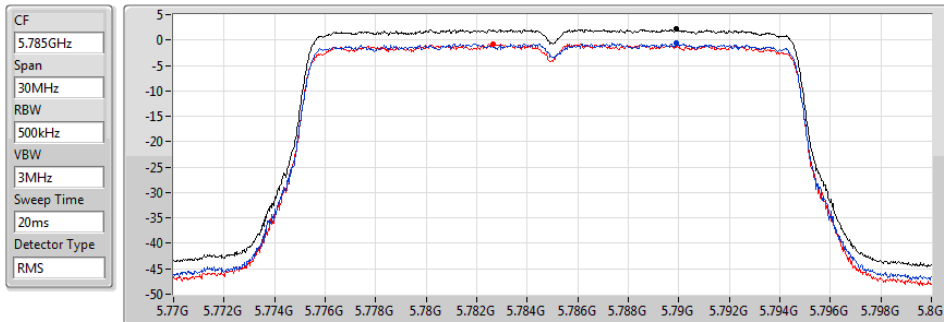
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.59	7.59	4.75	4.59

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



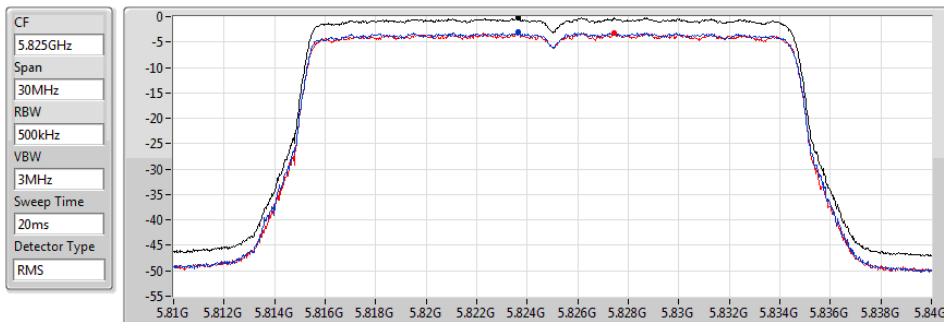
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.13	2.13	-0.66	-0.74

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



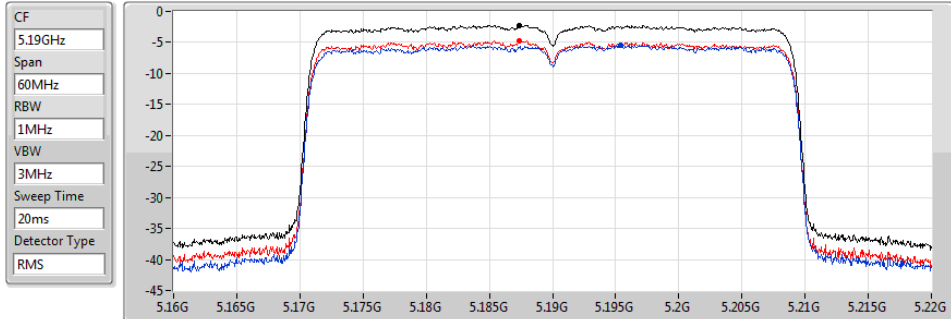
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.25	-0.25	-3.11	-3.24

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

05/03/2020



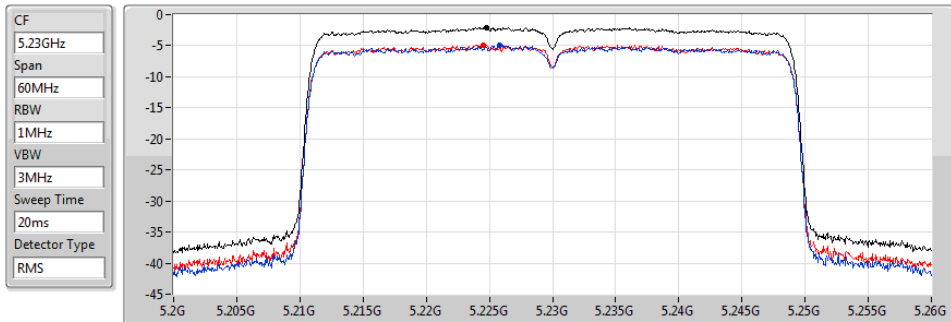
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-2.23	-2.23	-5.46	-4.77

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

05/03/2020



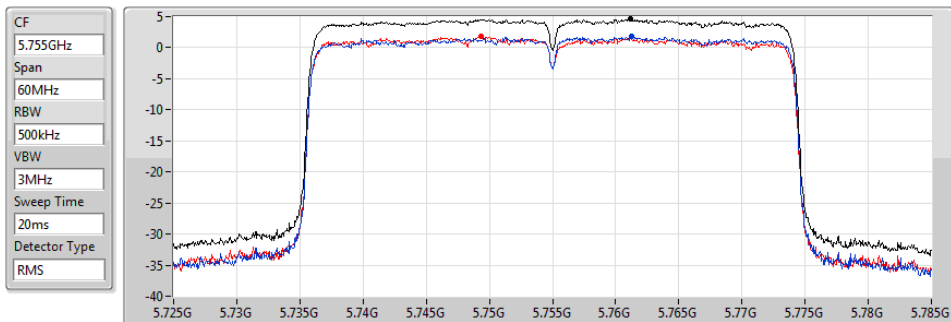
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-2.14	-2.14	-4.93	-4.86

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

23/02/2020



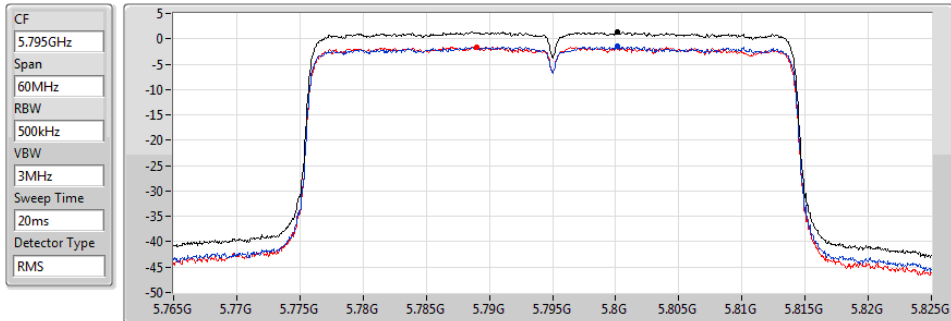
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.63	4.63	1.92	1.78

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



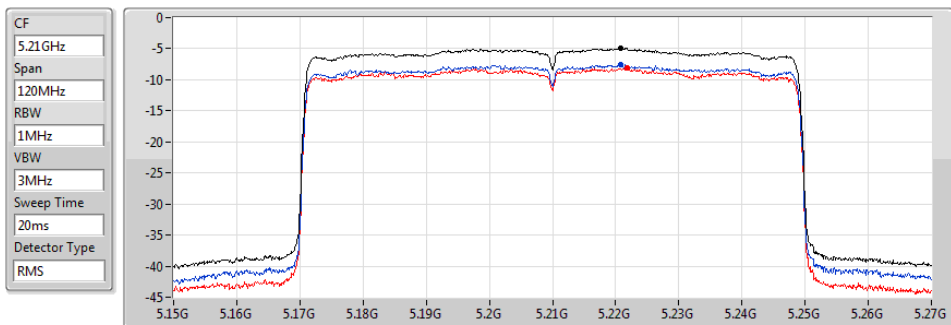
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.41	1.41	-1.38	-1.64

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

05/03/2020



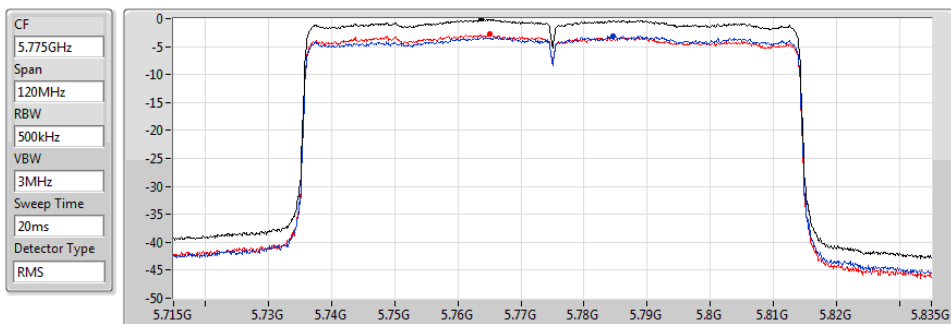
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.90	-4.90	-7.56	-8.15

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.06	-0.06	-3.14	-2.83



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-4.19	6.82
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-6.55	4.46
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-9.92	1.09
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-4.04	6.97
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-6.44	4.57
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-9.77	1.24
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.34	20.35
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.56	17.57
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.16	10.85
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.26	20.27
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.01	17.02
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.28	10.73

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	-7.23	-7.20	-4.32	11.99	6.69	23.00
5200MHz	Pass	11.01	-7.27	-7.22	-4.26	11.99	6.75	23.00
5240MHz	Pass	11.01	-7.24	-7.06	-4.19	11.99	6.82	23.00
5745MHz	Pass	11.01	4.61	4.96	7.69	24.99	18.70	36.00
5785MHz	Pass	11.01	6.14	6.43	9.05	24.99	20.06	36.00
5825MHz	Pass	11.01	6.47	6.80	9.34	24.99	20.35	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	-9.38	-9.70	-6.55	11.99	4.46	23.00
5230MHz	Pass	11.01	-9.63	-9.95	-6.89	11.99	4.12	23.00
5755MHz	Pass	11.01	3.18	2.93	5.95	24.99	16.96	36.00
5795MHz	Pass	11.01	3.54	3.86	6.56	24.99	17.57	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	-12.68	-13.04	-9.92	11.99	1.09	23.00
5775MHz	Pass	11.01	-3.60	-2.68	-0.16	24.99	10.85	36.00
802.11ac HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	-7.04	-7.09	-4.22	11.99	6.79	23.00
5200MHz	Pass	11.01	-7.03	-7.01	-4.13	11.99	6.88	23.00
5240MHz	Pass	11.01	-6.93	-6.90	-4.04	11.99	6.97	23.00
5745MHz	Pass	11.01	4.86	5.26	7.85	24.99	18.86	36.00
5785MHz	Pass	11.01	5.96	6.44	9.04	24.99	20.05	36.00
5825MHz	Pass	11.01	6.00	6.73	9.26	24.99	20.27	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	-9.15	-9.58	-6.44	11.99	4.57	23.00
5230MHz	Pass	11.01	-9.51	-9.81	-6.76	11.99	4.25	23.00
5755MHz	Pass	11.01	2.92	2.92	5.75	24.99	16.76	36.00
5795MHz	Pass	11.01	3.16	3.30	6.01	24.99	17.02	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	-12.65	-12.81	-9.77	11.99	1.24	23.00
5775MHz	Pass	11.01	-3.72	-2.72	-0.28	24.99	10.73	36.00

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

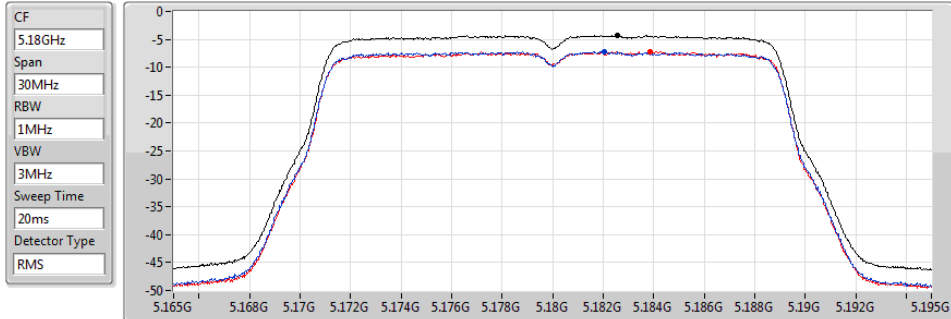
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

23/02/2020



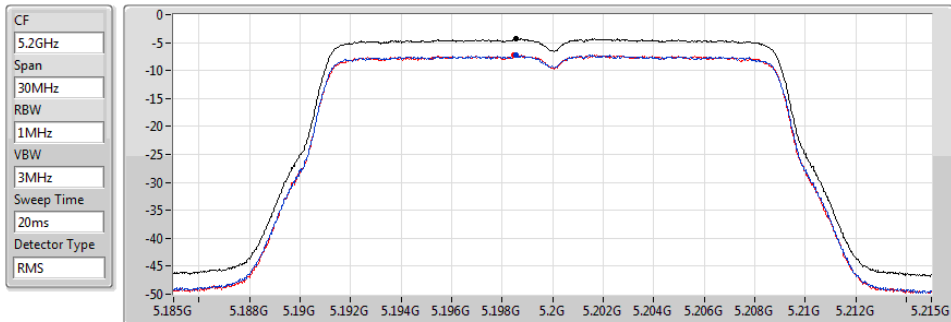
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.32	-4.32	-7.23	-7.20

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

23/02/2020



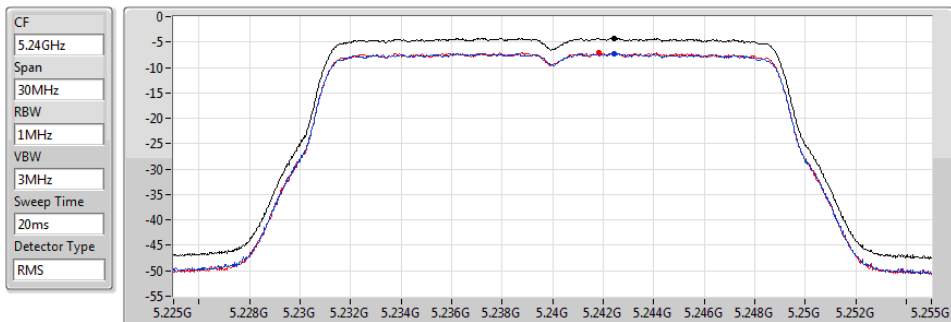
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.26	-4.26	-7.27	-7.22

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

23/02/2020



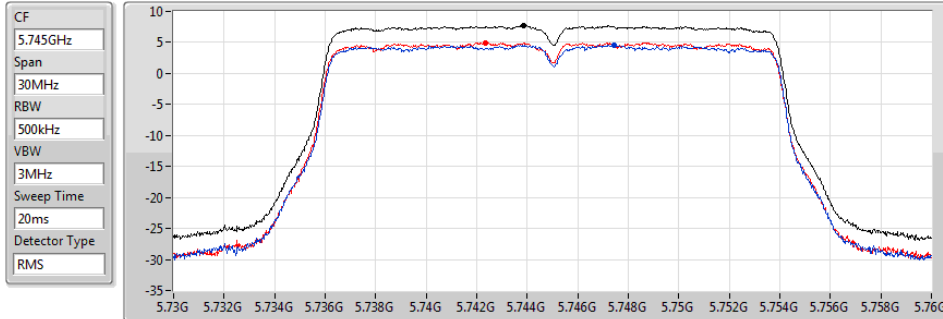
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.19	-4.19	-7.24	-7.06

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

23/02/2020



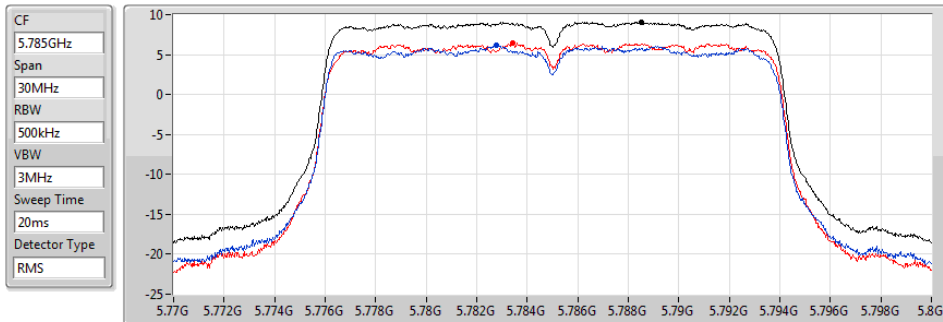
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.69	7.69	4.61	4.96

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



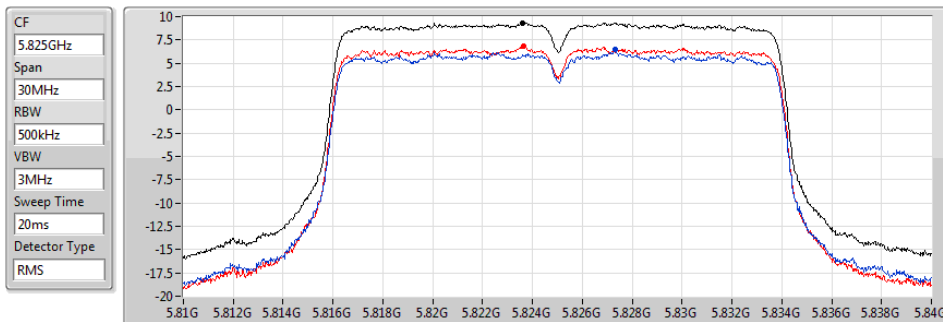
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.05	9.05	6.14	6.43

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



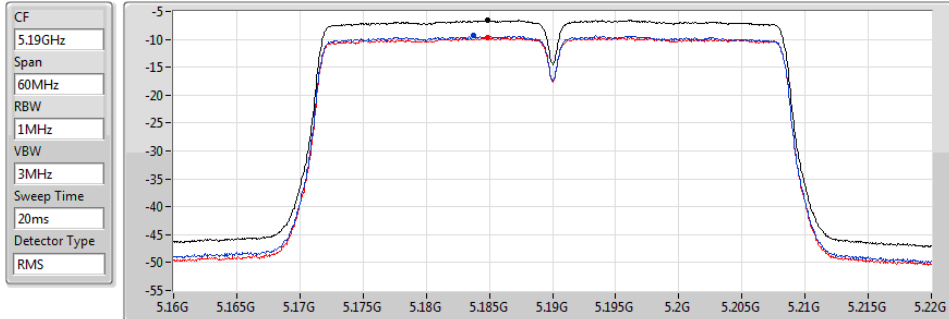
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.34	9.34	6.47	6.80

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

23/02/2020



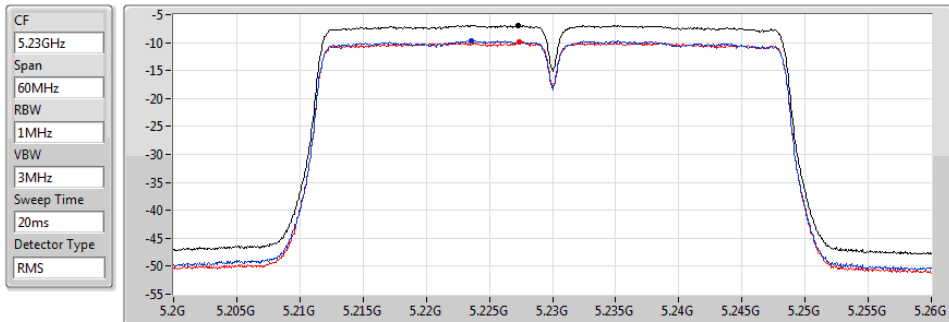
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.55	-6.55	-9.38	-9.70

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

23/02/2020



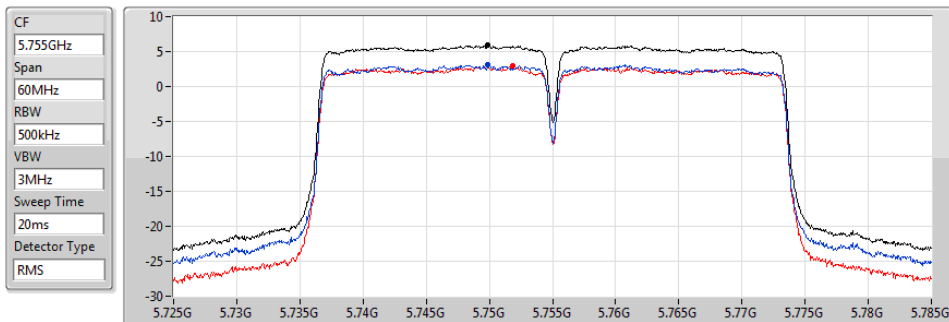
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.89	-6.89	-9.63	-9.95

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

23/02/2020



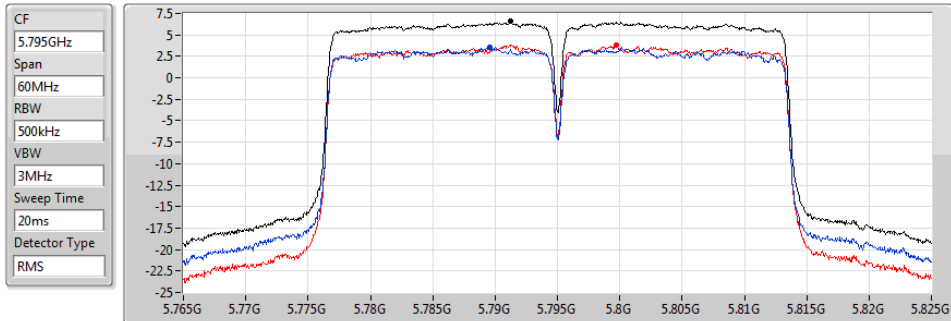
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.95	5.95	3.18	2.93

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



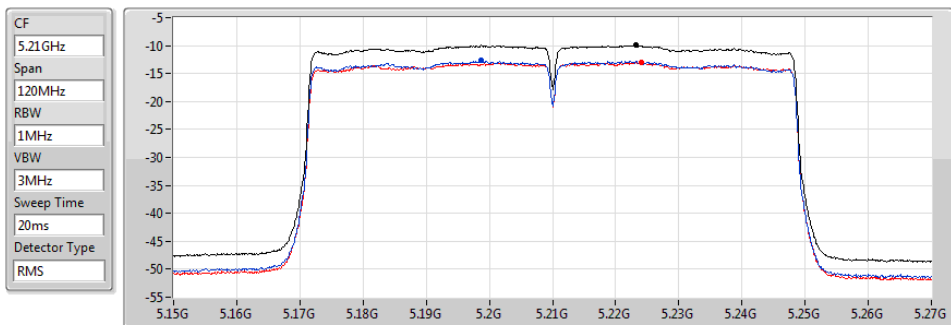
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.56	6.56	3.54	3.86

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

23/02/2020



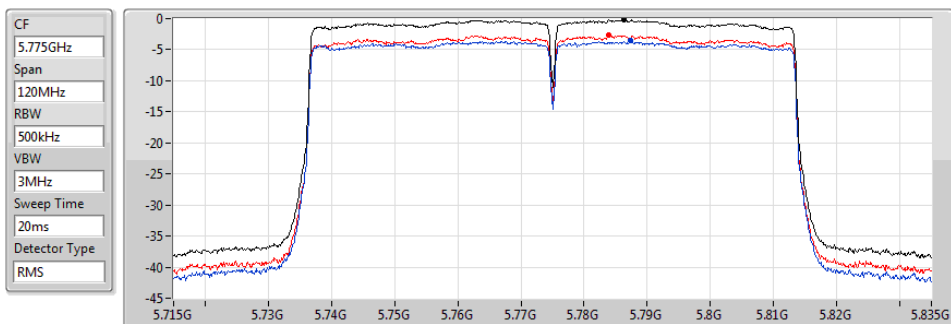
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.92	-9.92	-12.68	-13.04

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020



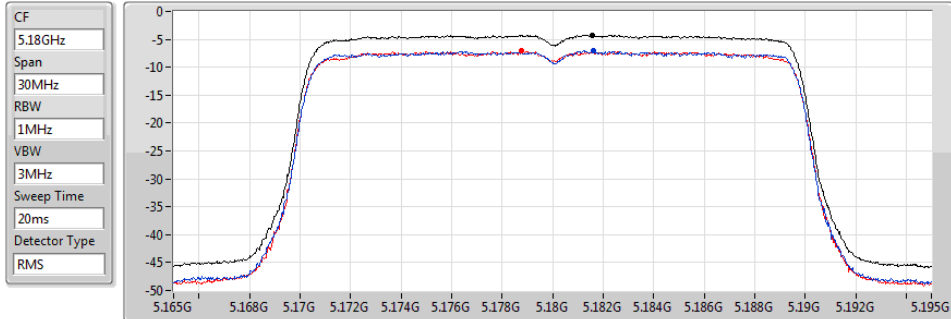
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.16	-0.16	-3.60	-2.68

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

23/02/2020



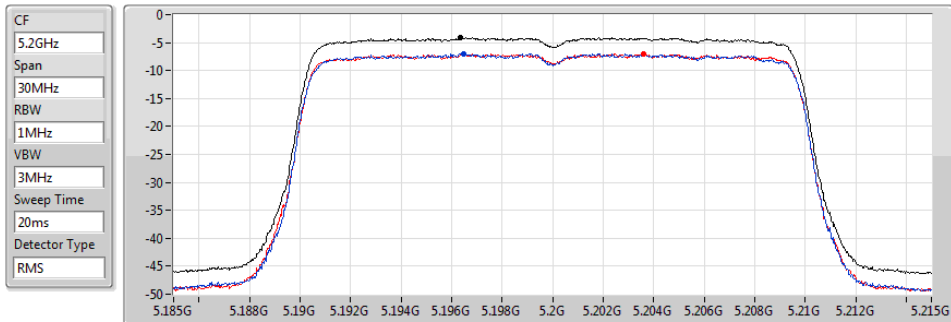
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.22	-4.22	-7.04	-7.09

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

23/02/2020



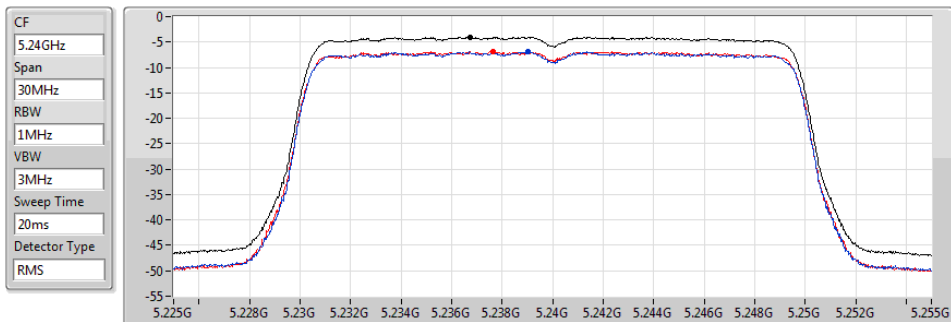
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.13	-4.13	-7.03	-7.01

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

23/02/2020



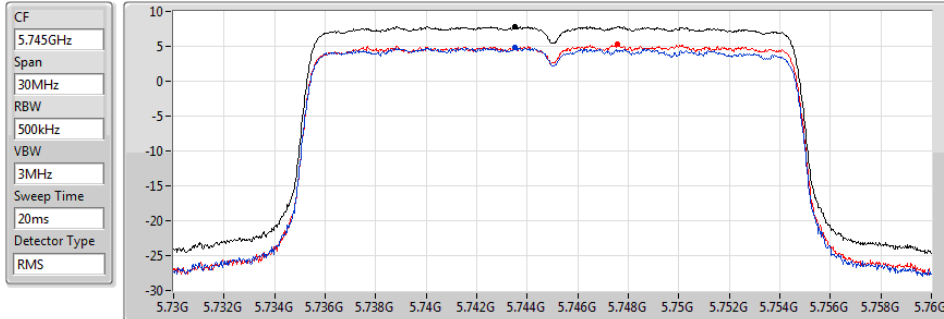
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.04	-4.04	-6.93	-6.90

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

23/02/2020



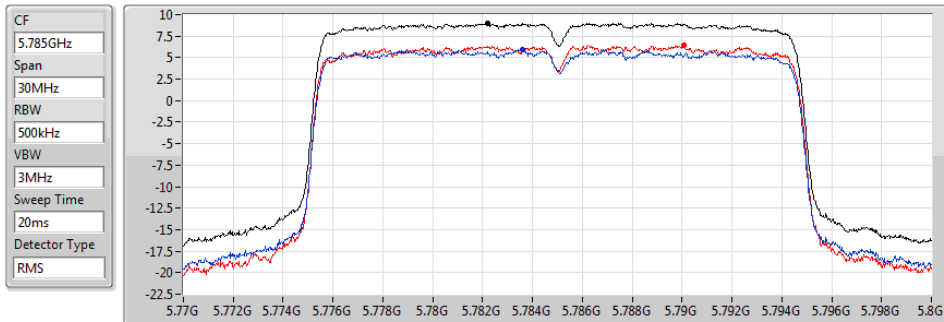
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	4.86	5.26

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

23/02/2020



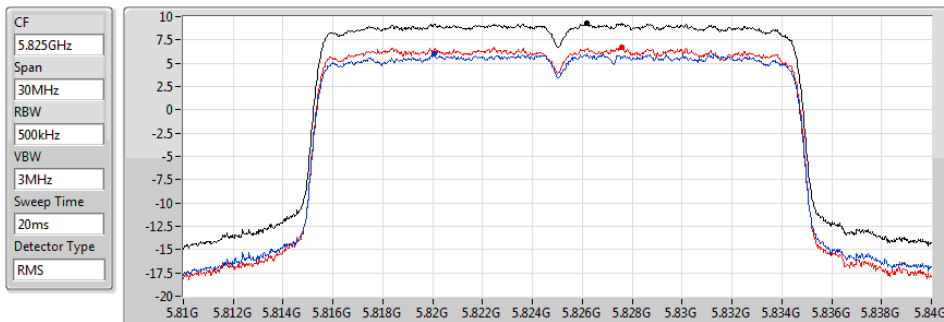
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.04	9.04	5.96	6.44

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

23/02/2020



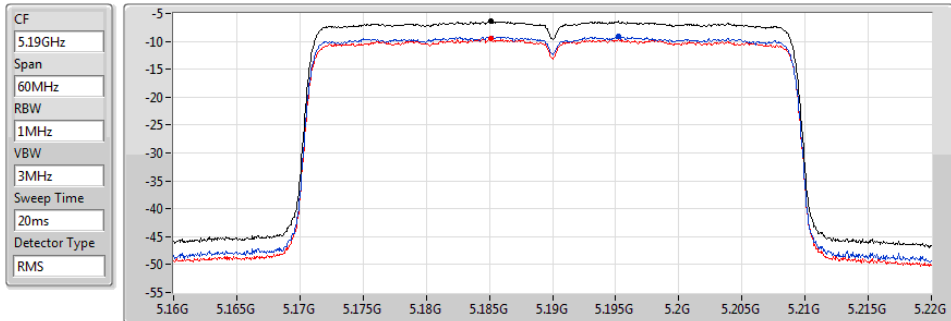
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.26	9.26	6.00	6.73

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

23/02/2020



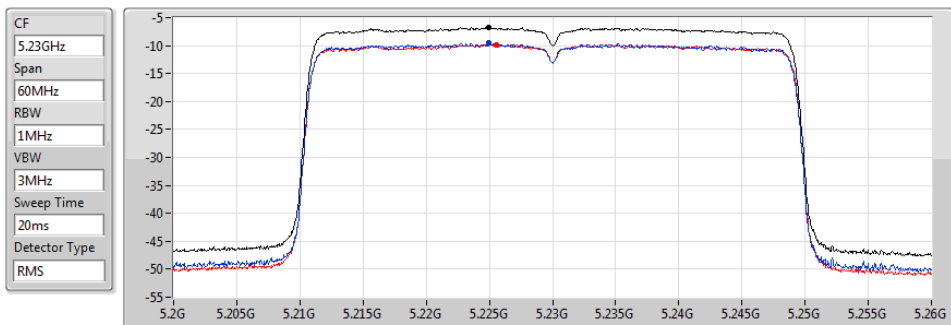
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.44	-6.44	-9.15	-9.58

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

23/02/2020



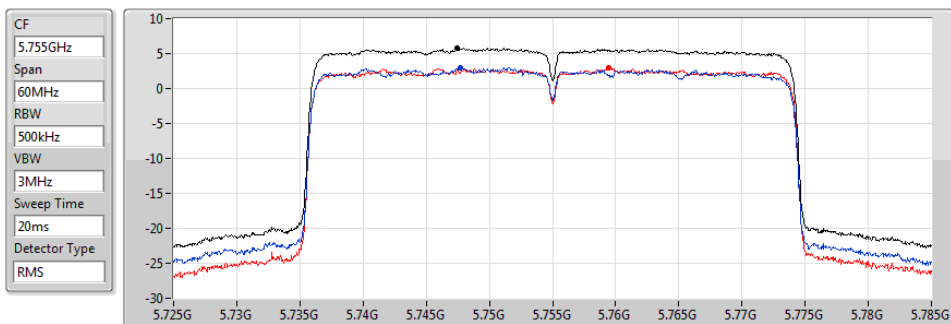
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.76	-6.76	-9.51	-9.81

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

23/02/2020



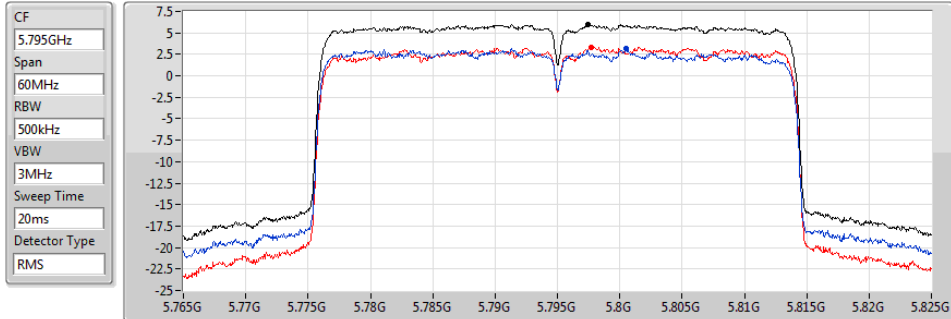
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.75	5.75	2.92	2.92

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

23/02/2020



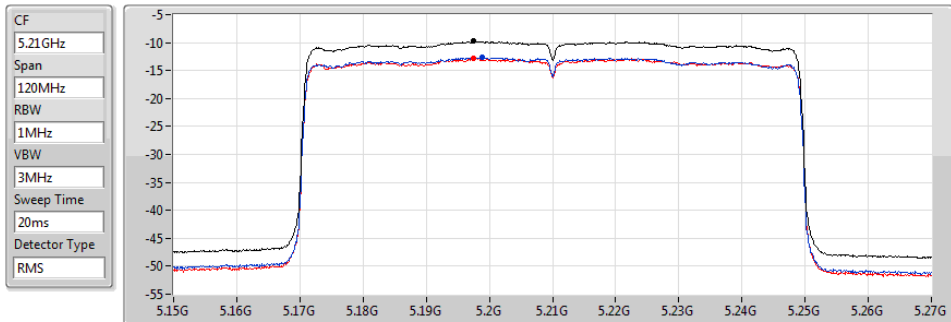
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.01	6.01	3.16	3.30

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

23/02/2020



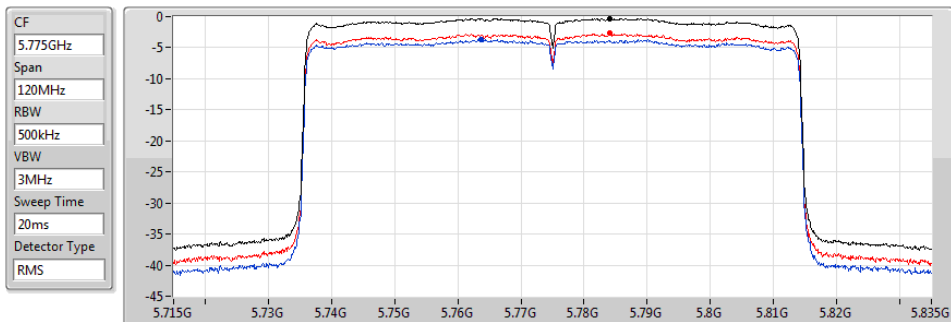
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-9.77	-9.77	-12.65	-12.81

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

23/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.28	-0.28	-3.72	-2.72



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	0.40	14.11
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-2.40	11.31
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-5.47	8.24
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	0.62	14.33
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-1.95	11.76
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-5.24	8.47
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	5.70	19.41
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	1.50	15.21
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-1.59	12.12
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	6.72	20.43
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.85	17.56
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-1.64	12.07

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	-3.00	-2.92	-0.03	9.29	13.68	23.00
5200MHz	Pass	13.71	-2.90	-2.24	0.40	9.29	14.11	23.00
5240MHz	Pass	13.71	-2.78	-2.62	0.18	9.29	13.89	23.00
5745MHz	Pass	13.71	2.47	2.79	5.54	22.29	19.25	36.00
5785MHz	Pass	13.71	2.62	3.12	5.70	22.29	19.41	36.00
5825MHz	Pass	13.71	2.75	2.49	5.42	22.29	19.13	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	-5.68	-5.18	-2.55	9.29	11.16	23.00
5230MHz	Pass	13.71	-5.47	-5.25	-2.40	9.29	11.31	23.00
5755MHz	Pass	13.71	-2.01	-1.74	0.96	22.29	14.67	36.00
5795MHz	Pass	13.71	-0.80	-1.59	1.50	22.29	15.21	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	-8.41	-8.45	-5.47	9.29	8.24	23.00
5775MHz	Pass	13.71	-4.58	-4.44	-1.59	22.29	12.12	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	-2.68	-2.17	0.51	9.29	14.22	23.00
5200MHz	Pass	13.71	-4.57	-4.31	-1.57	9.29	12.14	23.00
5240MHz	Pass	13.71	-2.45	-2.09	0.62	9.29	14.33	23.00
5745MHz	Pass	13.71	3.22	3.68	6.43	22.29	20.14	36.00
5785MHz	Pass	13.71	3.60	3.91	6.72	22.29	20.43	36.00
5825MHz	Pass	13.71	3.54	3.59	6.53	22.29	20.24	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	-5.29	-4.68	-2.00	9.29	11.71	23.00
5230MHz	Pass	13.71	-5.17	-4.58	-1.95	9.29	11.76	23.00
5755MHz	Pass	13.71	0.92	1.30	3.85	22.29	17.56	36.00
5795MHz	Pass	13.71	0.78	0.69	3.55	22.29	17.26	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	-8.11	-8.15	-5.24	9.29	8.47	23.00
5775MHz	Pass	13.71	-4.98	-4.29	-1.64	22.29	12.07	36.00

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

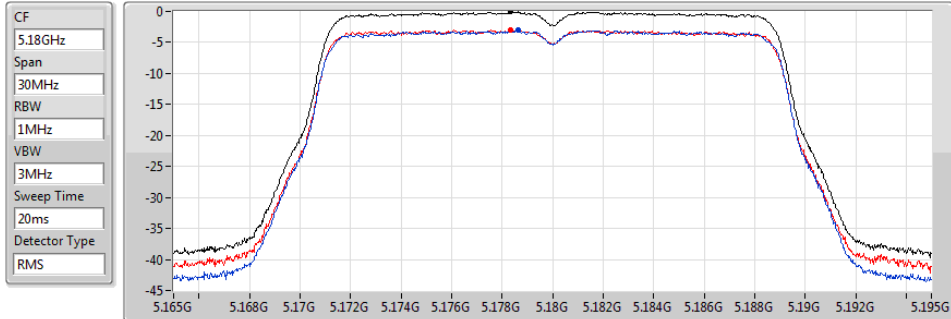
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

05/03/2020



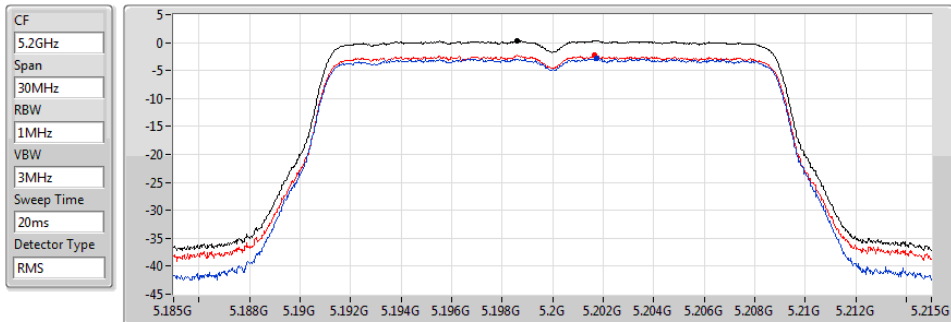
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.03	-0.03	-3.00	-2.92

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

05/03/2020



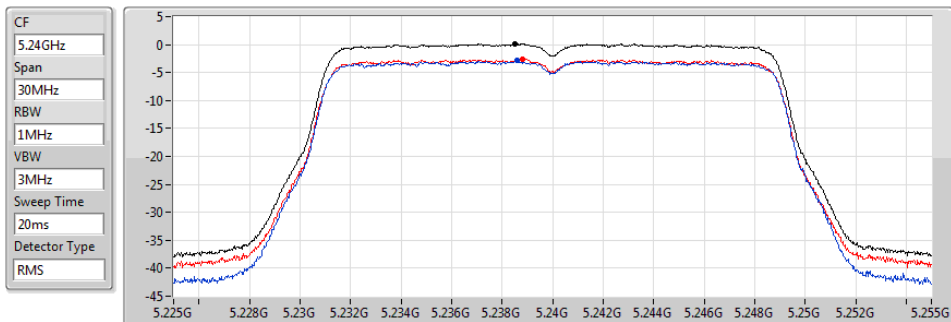
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.40	0.40	-2.90	-2.24

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

05/03/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.18	0.18	-2.78	-2.62

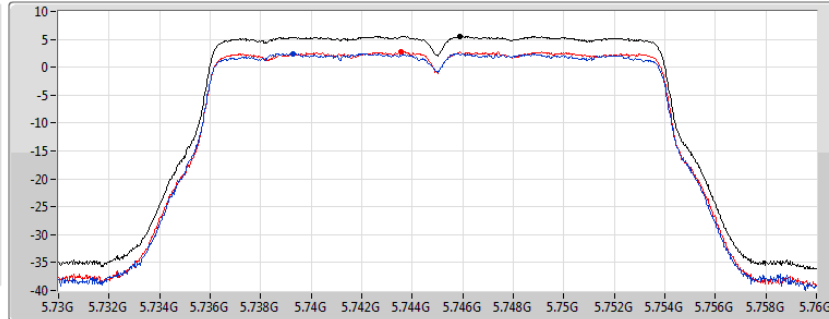
802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

24/02/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.54	5.54	2.47	2.79

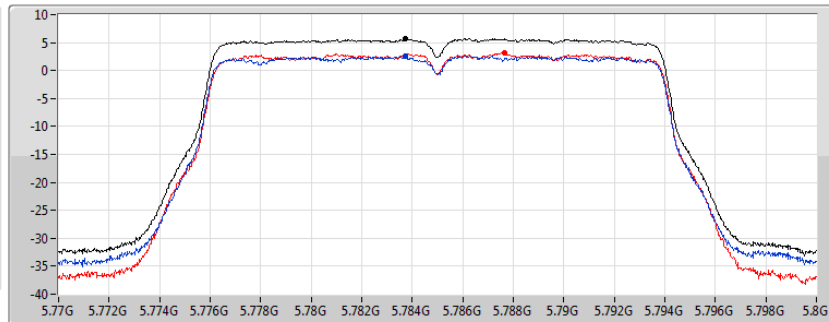
802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

24/02/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.70	5.70	2.62	3.12

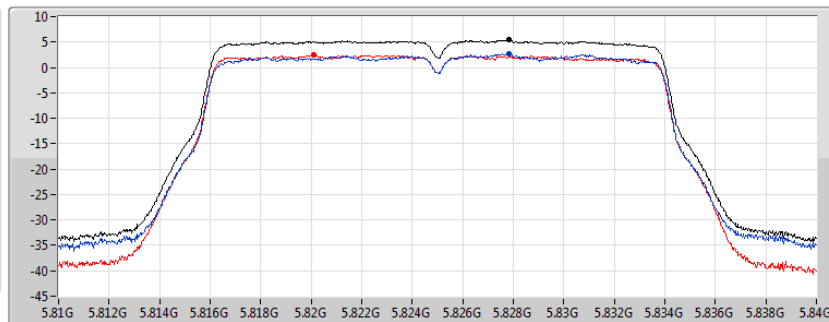
802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

24/02/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.42	5.42	2.75	2.49

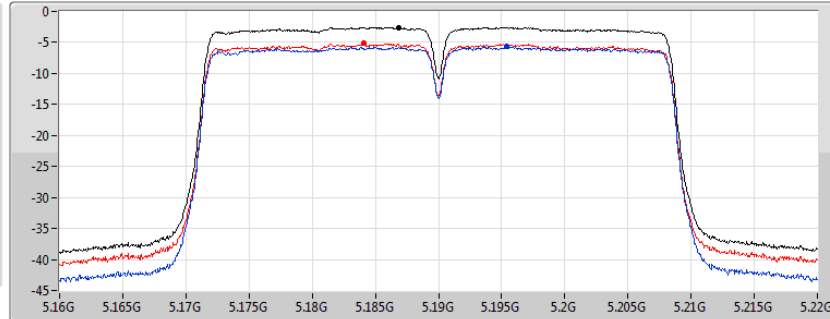
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

05/03/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.55	-2.55	-5.68	-5.18

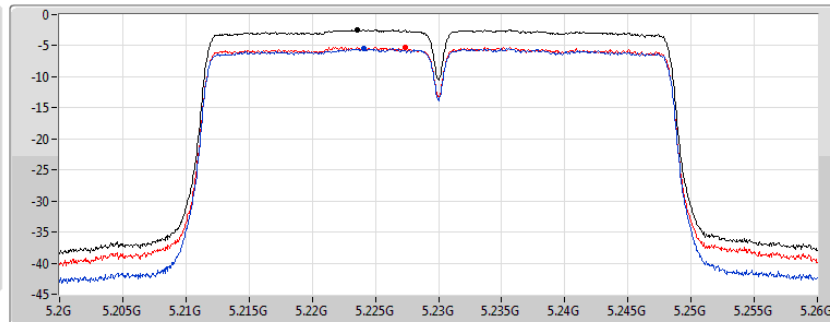
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

05/03/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.40	-2.40	-5.47	-5.25

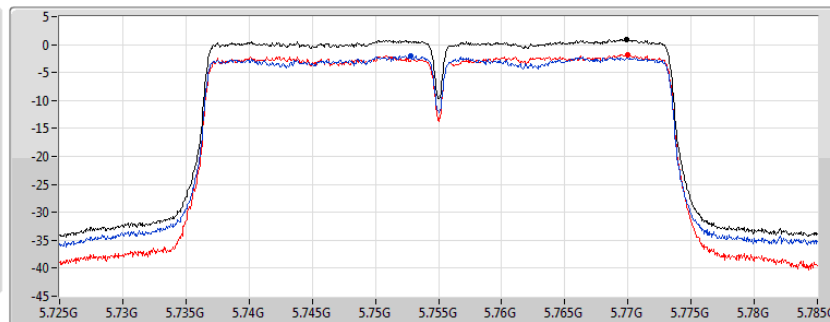
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

24/02/2020

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



Sum
Port 1
Port 2

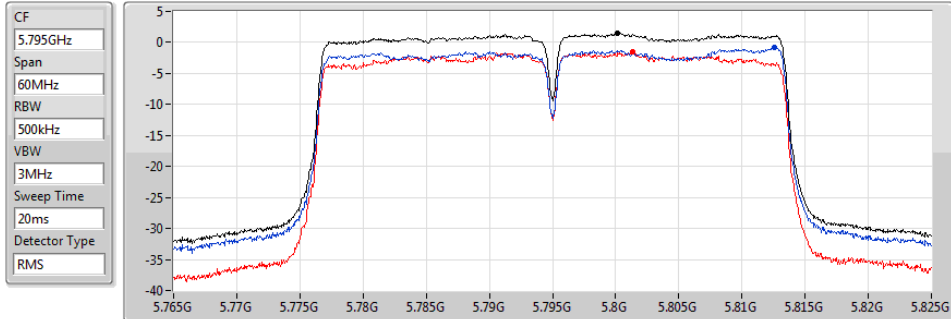
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.96	0.96	-2.01	-1.74

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

24/02/2020



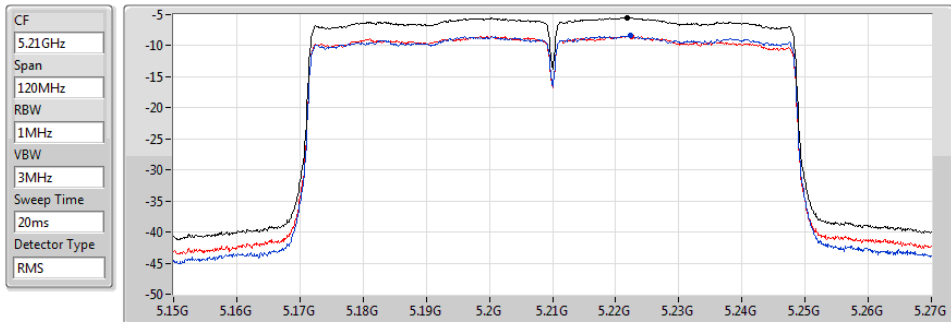
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.50	1.50	-0.80	-1.59

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

05/03/2020



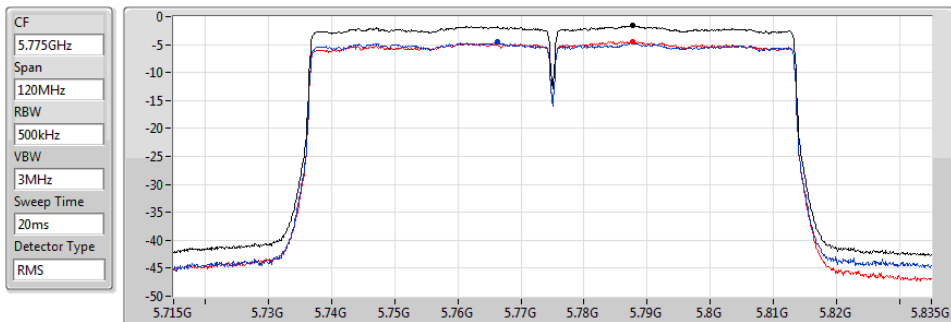
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.47	-5.47	-8.41	-8.45

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

25/02/2020



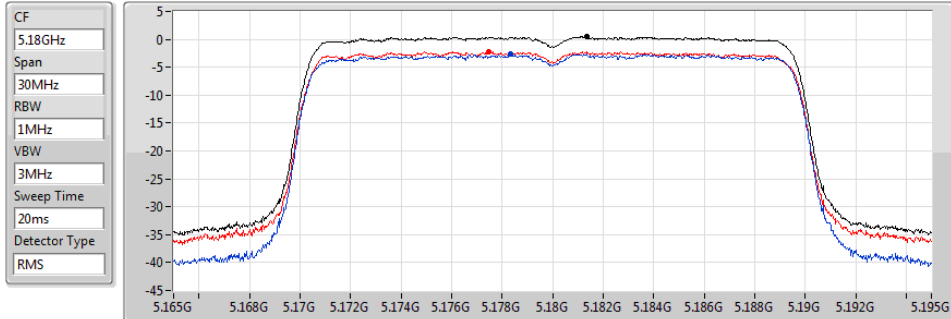
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.59	-1.59	-4.58	-4.44

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

05/03/2020



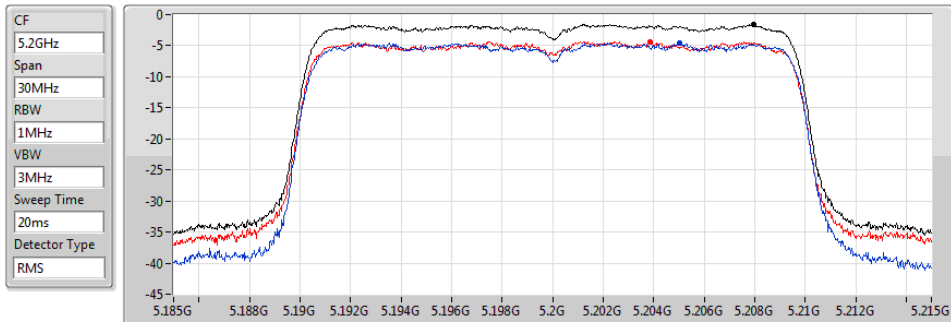
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.51	0.51	-2.68	-2.17

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

05/03/2020



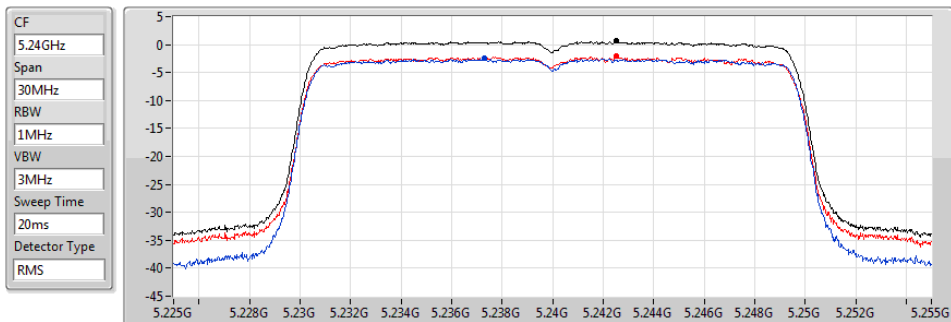
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.57	-1.57	-4.57	-4.31

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

05/03/2020



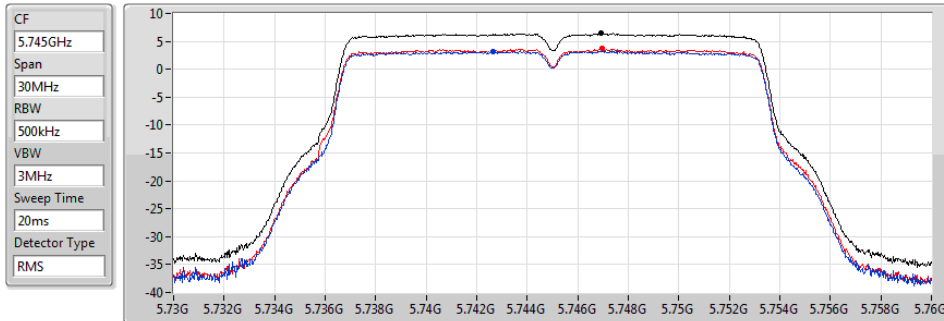
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.62	0.62	-2.45	-2.09

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

24/02/2020



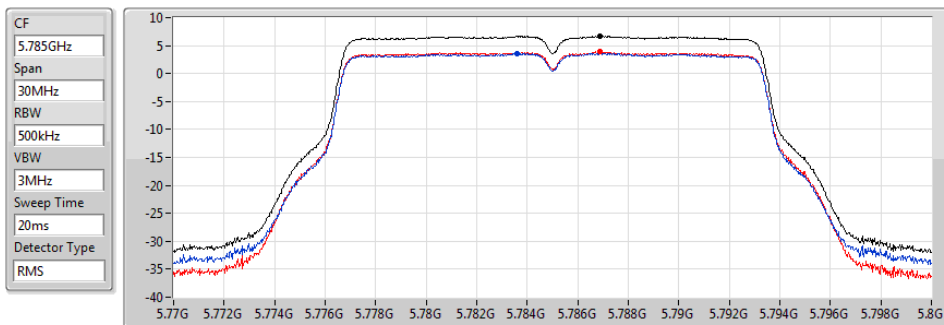
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.43	6.43	3.22	3.68

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

24/02/2020



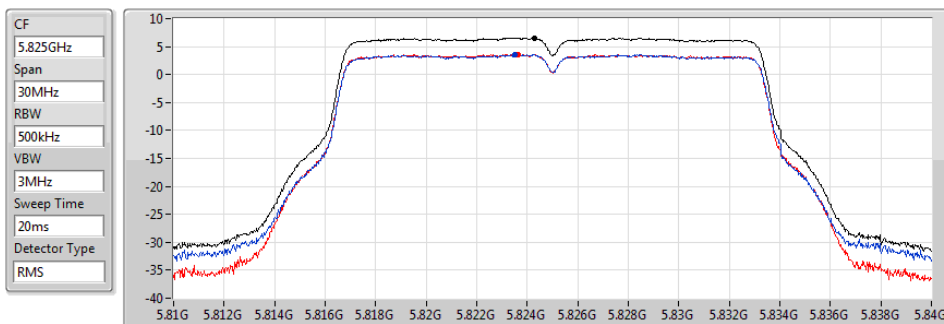
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.72	6.72	3.60	3.91

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

24/02/2020



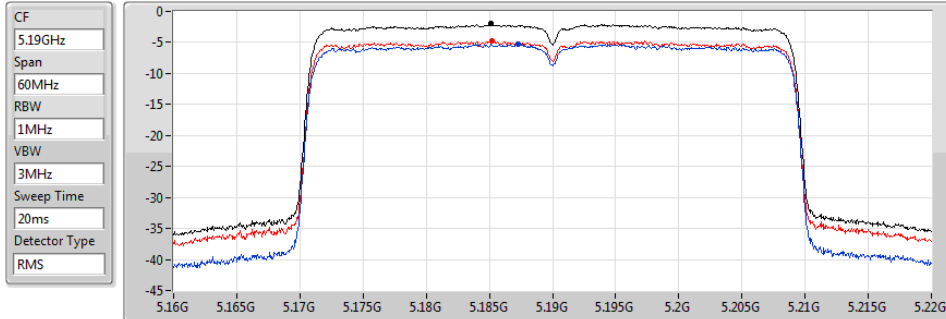
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.53	6.53	3.54	3.59

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

05/03/2020



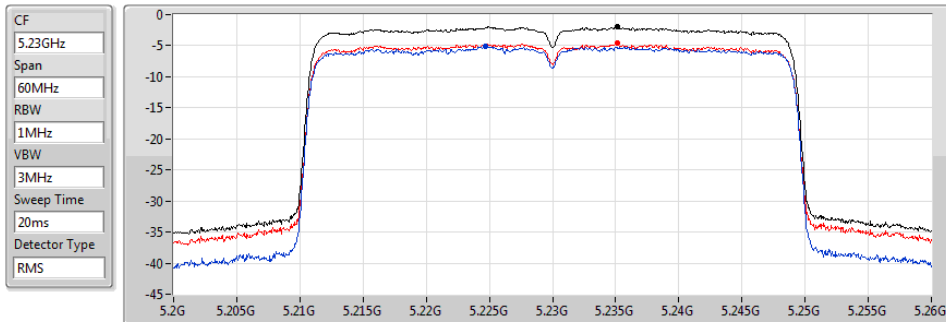
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.00	-2.00	-5.29	-4.68

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

05/03/2020



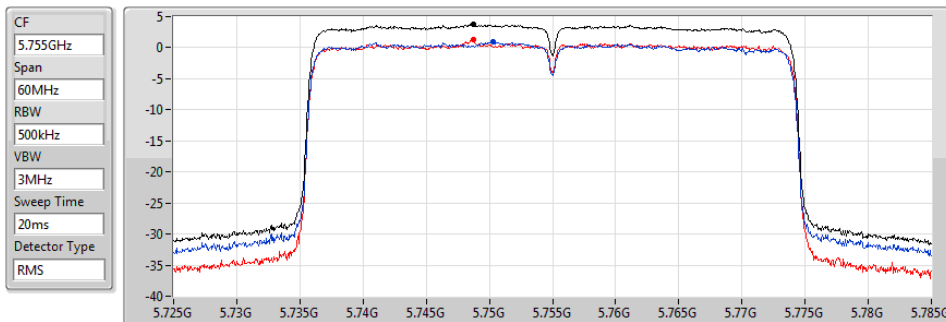
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.95	-1.95	-5.17	-4.58

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

24/02/2020



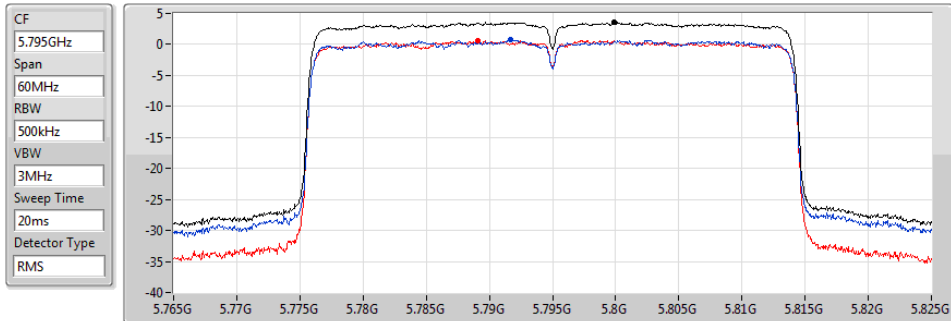
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.85	3.85	0.92	1.30

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

24/02/2020



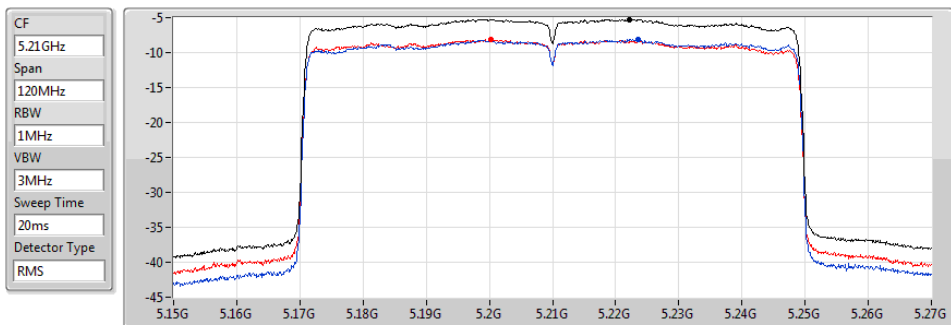
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.55	3.55	0.78	0.69

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

05/03/2020



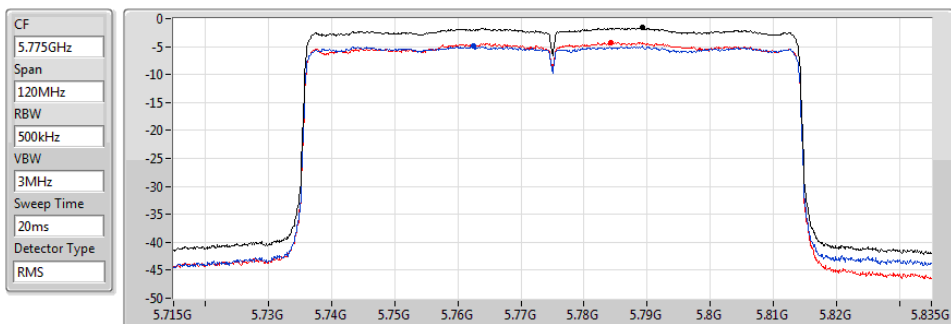
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.24	-5.24	-8.11	-8.15

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

24/02/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.64	-1.64	-4.98	-4.29



RSE TX below 1GHz
Non-Beamforming_Sample 1_Radio1_1T1S

Appendix E.1

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	PK	718.7M	42.62	46.00	-3.38	3	Horizontal	0	1.00	-

Remark :

Page No. : E1 of E4

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

992618



RSE TX below 1GHz
Non-Beamforming Sample 1 Radio1 1T1S

Appendix E.1

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5775MHz	Pass	PK	128.94M	24.57	43.50	-18.93	3	Vertical	360	1.00	-
5775MHz	Pass	PK	198.78M	22.37	43.50	-21.13	3	Vertical	360	1.00	-
5775MHz	Pass	PK	289.96M	27.76	46.00	-18.24	3	Vertical	360	1.00	-
5775MHz	Pass	PK	429.64M	31.08	46.00	-14.92	3	Vertical	360	1.00	-
5775MHz	Pass	PK	499.48M	33.56	46.00	-12.44	3	Vertical	360	1.00	-
5775MHz	Pass	PK	720.64M	34.50	46.00	-11.50	3	Vertical	360	1.00	-
5775MHz	Pass	PK	127M	26.68	43.50	-16.82	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	224M	26.16	46.00	-19.84	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	272.5M	33.66	46.00	-12.34	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	499.48M	41.88	46.00	-4.12	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	625.58M	39.93	46.00	-6.07	3	Horizontal	0	1.00	-
5775MHz	Pass	PK	718.7M	42.62	46.00	-3.38	3	Horizontal	0	1.00	-

Remark :

Page No. : E2 of E4

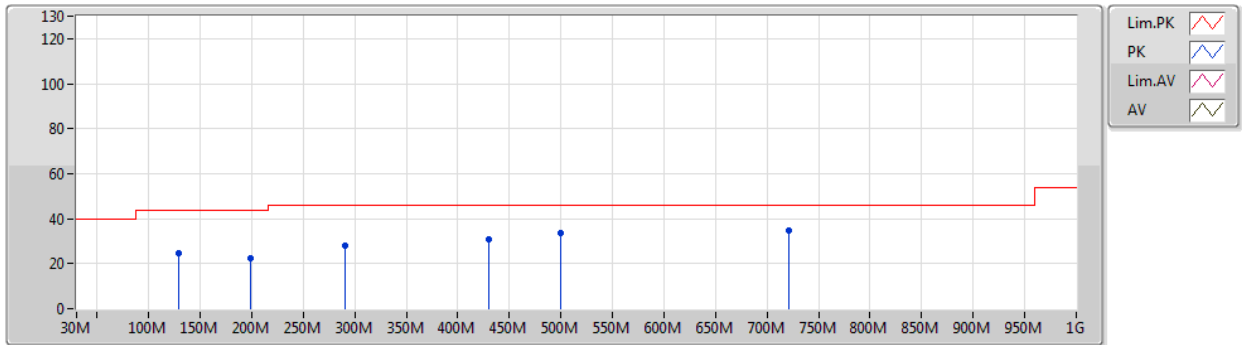
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

992618

802.11ax HEW80_Nss1,(MCS0)_1TX

30/01/2020

5775MHz_PoE

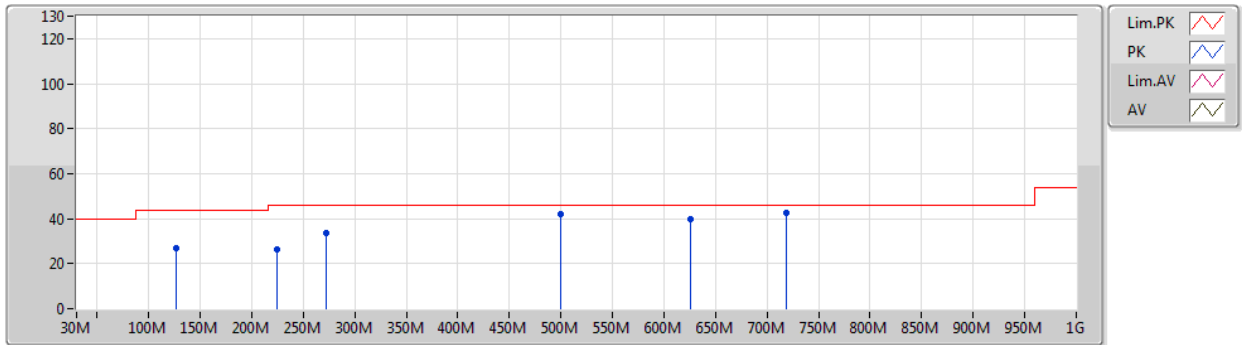


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	128.94M	24.57	43.50	-18.93	-8.56	3	Vertical	360	1.00	-	33.13	16.97	1.74	27.27
PK	198.78M	22.37	43.50	-21.13	-10.34	3	Vertical	360	1.00	-	32.71	14.40	2.20	26.94
PK	289.96M	27.76	46.00	-18.24	-5.88	3	Vertical	360	1.00	-	33.64	18.13	2.70	26.71
PK	429.64M	31.08	46.00	-14.92	-2.60	3	Vertical	360	1.00	-	33.68	21.63	3.31	27.54
PK	499.48M	33.56	46.00	-12.44	-1.50	3	Vertical	360	1.00	-	35.06	22.71	3.61	27.82
PK	720.64M	34.50	46.00	-11.50	0.63	3	Vertical	360	1.00	-	33.87	24.25	4.42	28.04

802.11ax HEW80_Nss1,(MCS0)_1TX

30/01/2020

5775MHz_PoE



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	127M	26.68	43.50	-16.82	-8.51	3	Horizontal	0	1.00	-	35.19	17.04	1.73	27.28
PK	224M	26.16	46.00	-19.84	-9.88	3	Horizontal	0	1.00	-	36.04	14.62	2.34	26.84
PK	272.5M	33.66	46.00	-12.34	-6.09	3	Horizontal	0	1.00	-	39.75	18.03	2.60	26.72
PK	499.48M	41.88	46.00	-4.12	-1.50	3	Horizontal	0	1.00	-	43.38	22.71	3.61	27.82
PK	625.58M	39.93	46.00	-6.07	0.16	3	Horizontal	0	1.00	-	39.77	24.12	4.13	28.09
PK	718.7M	42.62	46.00	-3.38	0.58	3	Horizontal	0	1.00	-	42.04	24.20	4.42	28.04



RSE TX above 1GHz
Non-Beamforming_Sample 1_Radio1_1T1S

Appendix E.2

Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	5.1498G	53.35	54.00	-0.65	3	Horizontal	13	1.15	-
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	AV	5.15G	53.17	54.00	-0.83	3	Horizontal	13	1.48	-
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	AV	5.1488G	53.15	54.00	-0.85	3	Horizontal	11	1.12	-
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	AV	5.15G	53.24	54.00	-0.76	3	Horizontal	13	1.30	-
5.725-5.85GHz	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	Pass	AV	11.57126G	53.93	54.00	-0.07	3	Horizontal	67	1.89	-
802.11ax HEW20_Nss1,(MCS0)_1TX	Pass	AV	11.4898G	53.39	54.00	-0.61	3	Horizontal	65	1.97	-
802.11ax HEW40_Nss1,(MCS0)_1TX	Pass	AV	11.58748G	52.94	54.00	-1.06	3	Horizontal	66	1.90	-
802.11ax HEW80_Nss1,(MCS0)_1TX	Pass	PK	5.6442G	67.79	68.20	-0.41	3	Horizontal	256	1.01	-

Remark :

Page No. : E1 of E80

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

992618



RSE TX above 1GHz
Non-Beamforming Sample 1 Radio1_1T1S

Appendix E.2

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	46.16	54.00	-7.84	3	Vertical	353	2.95	-
5180MHz	Pass	AV	5.1842G	95.47	Inf	-Inf	3	Vertical	353	2.95	-
5180MHz	Pass	PK	5.149G	60.35	74.00	-13.65	3	Vertical	353	2.95	-
5180MHz	Pass	PK	5.1824G	105.22	Inf	-Inf	3	Vertical	353	2.95	-
5180MHz	Pass	AV	5.1498G	53.35	54.00	-0.65	3	Horizontal	13	1.15	-
5180MHz	Pass	AV	5.1842G	103.67	Inf	-Inf	3	Horizontal	13	1.15	-
5180MHz	Pass	PK	5.149G	71.50	74.00	-2.50	3	Horizontal	13	1.15	-
5180MHz	Pass	PK	5.1816G	113.83	Inf	-Inf	3	Horizontal	13	1.15	-
5180MHz	Pass	AV	3.885G	45.02	54.00	-8.98	3	Vertical	59	2.68	-
5180MHz	Pass	AV	15.5442G	39.73	54.00	-14.27	3	Vertical	30	1.49	-
5180MHz	Pass	PK	3.88502G	48.67	74.00	-25.33	3	Vertical	59	2.68	-
5180MHz	Pass	PK	10.3593G	55.65	68.20	-12.55	3	Vertical	8	1.50	-
5180MHz	Pass	PK	15.5491G	54.19	74.00	-19.81	3	Vertical	30	1.49	-
5180MHz	Pass	AV	3.88498G	47.49	54.00	-6.51	3	Horizontal	351	1.78	-
5180MHz	Pass	AV	15.54G	42.12	54.00	-11.88	3	Horizontal	27	1.48	-
5180MHz	Pass	PK	3.88505G	49.86	74.00	-24.14	3	Horizontal	351	1.78	-
5180MHz	Pass	PK	10.3614G	54.52	68.20	-13.68	3	Horizontal	54	1.69	-
5180MHz	Pass	PK	15.5415G	60.23	74.00	-13.77	3	Horizontal	27	1.48	-
5200MHz	Pass	AV	5.15G	45.26	54.00	-8.74	3	Vertical	350	1.37	-
5200MHz	Pass	AV	5.204G	99.41	Inf	-Inf	3	Vertical	350	1.37	-
5200MHz	Pass	PK	5.146G	60.48	74.00	-13.52	3	Vertical	350	1.37	-
5200MHz	Pass	PK	5.2024G	109.26	Inf	-Inf	3	Vertical	350	1.37	-
5200MHz	Pass	AV	5.15G	50.17	54.00	-3.83	3	Horizontal	12	1.42	-
5200MHz	Pass	AV	5.2024G	106.93	Inf	-Inf	3	Horizontal	12	1.42	-
5200MHz	Pass	PK	5.1488G	67.22	74.00	-6.78	3	Horizontal	12	1.42	-
5200MHz	Pass	PK	5.2016G	117.12	Inf	-Inf	3	Horizontal	12	1.42	-
5200MHz	Pass	AV	15.6014G	44.30	54.00	-9.70	3	Vertical	33	1.57	-
5200MHz	Pass	PK	3.46673G	48.64	68.20	-19.56	3	Vertical	325	1.06	-
5200MHz	Pass	PK	10.3977G	57.91	68.20	-10.29	3	Vertical	7	1.61	-
5200MHz	Pass	PK	15.6036G	58.99	74.00	-15.01	3	Vertical	33	1.57	-
5200MHz	Pass	AV	15.6012G	50.54	54.00	-3.46	3	Horizontal	37	1.48	-
5200MHz	Pass	PK	3.46664G	49.67	68.20	-18.53	3	Horizontal	341	1.72	-
5200MHz	Pass	PK	10.3976G	58.88	68.20	-9.32	3	Horizontal	87	1.65	-
5200MHz	Pass	PK	15.6018G	64.91	74.00	-9.09	3	Horizontal	37	1.48	-
5240MHz	Pass	AV	5.1356G	44.52	54.00	-9.48	3	Vertical	354	1.35	-
5240MHz	Pass	AV	5.2442G	100.32	Inf	-Inf	3	Vertical	354	1.35	-
5240MHz	Pass	AV	5.3672G	44.58	54.00	-9.42	3	Vertical	354	1.35	-
5240MHz	Pass	PK	5.1488G	56.55	74.00	-17.45	3	Vertical	354	1.35	-
5240MHz	Pass	PK	5.2418G	110.12	Inf	-Inf	3	Vertical	354	1.35	-
5240MHz	Pass	PK	5.3708G	58.22	74.00	-15.78	3	Vertical	354	1.35	-
5240MHz	Pass	AV	5.1362G	47.71	54.00	-6.29	3	Horizontal	13	1.12	-
5240MHz	Pass	AV	5.2382G	107.13	Inf	-Inf	3	Horizontal	13	1.12	-
5240MHz	Pass	AV	5.351G	45.75	54.00	-8.25	3	Horizontal	13	1.12	-
5240MHz	Pass	PK	5.1374G	59.82	74.00	-14.18	3	Horizontal	13	1.12	-
5240MHz	Pass	PK	5.2418G	117.08	Inf	-Inf	3	Horizontal	13	1.12	-
5240MHz	Pass	PK	5.372G	57.95	74.00	-16.05	3	Horizontal	13	1.12	-
5240MHz	Pass	AV	15.7178G	43.21	54.00	-10.79	3	Vertical	31	1.57	-

Remark :

Page No. : E2 of E80

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

992618



RSE TX above 1GHz
Non-Beamforming Sample 1 Radio1 1T1S

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5240MHz	Pass	PK	3.4934G	50.03	68.20	-18.17	3	Vertical	316	1.12	-
5240MHz	Pass	PK	10.4777G	57.85	68.20	-10.35	3	Vertical	98	1.50	-
5240MHz	Pass	PK	15.722G	57.17	74.00	-16.83	3	Vertical	31	1.57	-
5240MHz	Pass	AV	15.7195G	49.21	54.00	-4.79	3	Horizontal	34	1.48	-
5240MHz	Pass	PK	3.49338G	51.87	68.20	-16.33	3	Horizontal	338	1.42	-
5240MHz	Pass	PK	10.4776G	58.78	68.20	-9.42	3	Horizontal	85	1.51	-
5240MHz	Pass	PK	15.7135G	63.25	74.00	-10.75	3	Horizontal	34	1.48	-
5745MHz	Pass	AV	5.7426G	99.58	Inf	-Inf	3	Vertical	0	1.07	-
5745MHz	Pass	PK	5.6418G	58.18	68.20	-10.02	3	Vertical	0	1.07	-
5745MHz	Pass	PK	5.7402G	109.74	Inf	-Inf	3	Vertical	0	1.07	-
5745MHz	Pass	PK	5.9334G	57.01	68.20	-11.19	3	Vertical	0	1.07	-
5745MHz	Pass	AV	5.7474G	103.91	Inf	-Inf	3	Horizontal	38	1.78	-
5745MHz	Pass	PK	5.6454G	58.73	68.20	-9.47	3	Horizontal	38	1.78	-
5745MHz	Pass	PK	5.7402G	114.03	Inf	-Inf	3	Horizontal	38	1.78	-
5745MHz	Pass	PK	5.9646G	58.63	68.20	-9.57	3	Horizontal	38	1.78	-
5745MHz	Pass	AV	3.83002G	45.44	54.00	-8.56	3	Vertical	49	2.28	-
5745MHz	Pass	AV	11.49072G	47.11	54.00	-6.89	3	Vertical	104	1.34	-
5745MHz	Pass	PK	3.83001G	48.33	74.00	-25.67	3	Vertical	49	2.28	-
5745MHz	Pass	PK	11.48778G	61.72	74.00	-12.28	3	Vertical	104	1.34	-
5745MHz	Pass	PK	17.2362G	55.79	68.20	-12.41	3	Vertical	45	2.77	-
5745MHz	Pass	AV	3.83007G	45.10	54.00	-8.90	3	Horizontal	23	2.49	-
5745MHz	Pass	AV	11.4906G	53.24	54.00	-0.76	3	Horizontal	70	2.13	-
5745MHz	Pass	PK	3.83G	48.11	74.00	-25.89	3	Horizontal	23	2.49	-
5745MHz	Pass	PK	11.48772G	67.41	74.00	-6.59	3	Horizontal	70	2.13	-
5745MHz	Pass	PK	17.23908G	65.81	68.20	-2.39	3	Horizontal	326	1.48	-
5785MHz	Pass	AV	5.7802G	94.24	Inf	-Inf	3	Vertical	43	3.00	-
5785MHz	Pass	PK	5.623G	56.62	68.20	-11.58	3	Vertical	43	3.00	-
5785MHz	Pass	PK	5.7874G	103.98	Inf	-Inf	3	Vertical	43	3.00	-
5785MHz	Pass	PK	5.9854G	56.64	68.20	-11.56	3	Vertical	43	3.00	-
5785MHz	Pass	AV	5.7886G	98.35	Inf	-Inf	3	Horizontal	0	1.00	-
5785MHz	Pass	PK	5.5234G	57.35	68.20	-10.85	3	Horizontal	0	1.00	-
5785MHz	Pass	PK	5.7826G	107.40	Inf	-Inf	3	Horizontal	0	1.00	-
5785MHz	Pass	PK	5.9734G	57.51	68.20	-10.69	3	Horizontal	0	1.00	-
5785MHz	Pass	AV	3.85668G	46.67	54.00	-7.33	3	Vertical	53	2.57	-
5785MHz	Pass	AV	11.57192G	46.21	54.00	-7.79	3	Vertical	102	1.40	-
5785MHz	Pass	PK	3.85672G	49.03	74.00	-24.97	3	Vertical	53	2.57	-
5785MHz	Pass	PK	11.57114G	59.73	74.00	-14.27	3	Vertical	102	1.40	-
5785MHz	Pass	PK	17.35578G	57.15	68.20	-11.05	3	Vertical	45	2.22	-
5785MHz	Pass	AV	3.85666G	47.91	54.00	-6.09	3	Horizontal	1	2.61	-
5785MHz	Pass	AV	11.57126G	53.93	54.00	-0.07	3	Horizontal	67	1.89	-
5785MHz	Pass	PK	3.85671G	50.24	74.00	-23.76	3	Horizontal	1	2.61	-
5785MHz	Pass	PK	11.56784G	67.46	74.00	-6.54	3	Horizontal	67	1.89	-
5785MHz	Pass	PK	17.36586G	57.94	68.20	-10.26	3	Horizontal	326	1.38	-
5825MHz	Pass	AV	5.8202G	92.44	Inf	-Inf	3	Vertical	43	1.57	-
5825MHz	Pass	PK	5.5958G	57.57	68.20	-10.63	3	Vertical	43	1.57	-
5825MHz	Pass	PK	5.8274G	102.56	Inf	-Inf	3	Vertical	43	1.57	-
5825MHz	Pass	PK	5.9726G	56.78	68.20	-11.42	3	Vertical	43	1.57	-
5825MHz	Pass	AV	5.8298G	99.10	Inf	-Inf	3	Horizontal	0	1.00	-
5825MHz	Pass	PK	5.6498G	57.46	68.20	-10.74	3	Horizontal	0	1.00	-

Remark :

Page No. : E3 of E80

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

992618



RSE TX above 1GHz
Non-Beamforming Sample 1 Radio1 1T1S

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5825MHz	Pass	PK	5.8274G	109.13	Inf	-Inf	3	Horizontal	0	1.00	-
5825MHz	Pass	PK	5.969G	57.51	68.20	-10.69	3	Horizontal	0	1.00	-
5825MHz	Pass	AV	3.88334G	44.10	54.00	-9.90	3	Vertical	358	2.39	-
5825MHz	Pass	AV	11.65192G	48.95	54.00	-5.05	3	Vertical	311	1.60	-
5825MHz	Pass	PK	3.88334G	47.58	74.00	-26.42	3	Vertical	358	2.39	-
5825MHz	Pass	PK	11.64784G	62.45	74.00	-11.55	3	Vertical	311	1.60	-
5825MHz	Pass	PK	17.46666G	58.14	68.20	-10.06	3	Vertical	68	1.49	-
5825MHz	Pass	AV	3.88333G	47.75	54.00	-6.25	3	Horizontal	0	2.60	-
5825MHz	Pass	AV	11.65126G	53.66	54.00	-0.34	3	Horizontal	65	1.69	-
5825MHz	Pass	PK	3.88328G	50.10	74.00	-23.90	3	Horizontal	0	2.60	-
5825MHz	Pass	PK	11.6479G	67.48	74.00	-6.52	3	Horizontal	65	1.69	-
5825MHz	Pass	PK	17.47704G	58.02	68.20	-10.18	3	Horizontal	65	1.50	-
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	AV	5.15G	46.91	54.00	-7.09	3	Vertical	350	1.50	-
5180MHz	Pass	AV	5.1878G	93.47	Inf	-Inf	3	Vertical	350	1.50	-
5180MHz	Pass	PK	5.1478G	63.56	74.00	-10.44	3	Vertical	350	1.50	-
5180MHz	Pass	PK	5.1854G	107.15	Inf	-Inf	3	Vertical	350	1.50	-
5180MHz	Pass	AV	5.15G	53.17	54.00	-0.83	3	Horizontal	13	1.48	-
5180MHz	Pass	AV	5.1842G	100.62	Inf	-Inf	3	Horizontal	13	1.48	-
5180MHz	Pass	PK	5.148G	71.91	74.00	-2.09	3	Horizontal	13	1.48	-
5180MHz	Pass	PK	5.177G	114.84	Inf	-Inf	3	Horizontal	13	1.48	-
5180MHz	Pass	AV	3.88499G	45.15	54.00	-8.85	3	Vertical	56	2.70	-
5180MHz	Pass	AV	15.53172G	38.70	54.00	-15.30	3	Vertical	29	1.47	-
5180MHz	Pass	PK	3.88501G	48.35	74.00	-25.65	3	Vertical	56	2.70	-
5180MHz	Pass	PK	10.35634G	53.33	68.20	-14.87	3	Vertical	6	1.47	-
5180MHz	Pass	PK	15.53982G	53.17	74.00	-20.83	3	Vertical	29	1.47	-
5180MHz	Pass	AV	3.885G	47.70	54.00	-6.30	3	Horizontal	360	2.59	-
5180MHz	Pass	AV	15.53928G	40.10	54.00	-13.90	3	Horizontal	24	1.49	-
5180MHz	Pass	PK	3.88498G	50.16	74.00	-23.84	3	Horizontal	360	2.59	-
5180MHz	Pass	PK	10.35646G	56.33	68.20	-11.87	3	Horizontal	69	2.76	-
5180MHz	Pass	PK	15.54486G	57.15	74.00	-16.85	3	Horizontal	24	1.49	-
5200MHz	Pass	AV	5.15G	45.85	54.00	-8.15	3	Vertical	353	1.35	-
5200MHz	Pass	AV	5.2028G	98.34	Inf	-Inf	3	Vertical	353	1.35	-
5200MHz	Pass	PK	5.1488G	61.18	74.00	-12.82	3	Vertical	353	1.35	-
5200MHz	Pass	PK	5.1968G	112.12	Inf	-Inf	3	Vertical	353	1.35	-
5200MHz	Pass	AV	5.15G	52.22	54.00	-1.78	3	Horizontal	11	1.45	-
5200MHz	Pass	AV	5.2028G	105.49	Inf	-Inf	3	Horizontal	11	1.45	-
5200MHz	Pass	PK	5.1468G	69.24	74.00	-4.76	3	Horizontal	11	1.45	-
5200MHz	Pass	PK	5.1968G	119.92	Inf	-Inf	3	Horizontal	11	1.45	-
5200MHz	Pass	AV	4G	36.87	54.00	-17.13	3	Vertical	352	1.80	-
5200MHz	Pass	AV	15.5997G	42.58	54.00	-11.42	3	Vertical	31	1.55	-
5200MHz	Pass	PK	3.99998G	43.63	74.00	-30.37	3	Vertical	352	1.80	-
5200MHz	Pass	PK	10.39622G	57.28	68.20	-10.92	3	Vertical	4	1.52	-
5200MHz	Pass	PK	15.59094G	58.70	74.00	-15.30	3	Vertical	31	1.55	-
5200MHz	Pass	AV	4G	43.21	54.00	-10.79	3	Horizontal	336	1.80	-
5200MHz	Pass	AV	15.59988G	48.74	54.00	-5.26	3	Horizontal	35	1.47	-
5200MHz	Pass	PK	3.99999G	47.09	74.00	-26.91	3	Horizontal	336	1.80	-
5200MHz	Pass	PK	10.3997G	57.97	68.20	-10.23	3	Horizontal	83	1.60	-
5200MHz	Pass	PK	15.59118G	64.67	74.00	-9.33	3	Horizontal	35	1.47	-

Remark :

Page No. : E4 of E80

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

992618



RSE TX above 1GHz
Non-Beamforming Sample 1 Radio1 1T1S

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5240MHz	Pass	AV	5.1482G	43.85	54.00	-10.15	3	Vertical	351	1.30	-
5240MHz	Pass	AV	5.2448G	98.57	Inf	-Inf	3	Vertical	351	1.30	-
5240MHz	Pass	AV	5.35G	43.76	54.00	-10.24	3	Vertical	351	1.30	-
5240MHz	Pass	PK	5.144G	56.55	74.00	-17.45	3	Vertical	351	1.30	-
5240MHz	Pass	PK	5.2442G	111.81	Inf	-Inf	3	Vertical	351	1.30	-
5240MHz	Pass	PK	5.3804G	56.70	74.00	-17.30	3	Vertical	351	1.30	-
5240MHz	Pass	AV	5.1452G	46.70	54.00	-7.30	3	Horizontal	12	1.11	-
5240MHz	Pass	AV	5.2376G	105.08	Inf	-Inf	3	Horizontal	12	1.11	-
5240MHz	Pass	AV	5.35G	45.63	54.00	-8.37	3	Horizontal	12	1.11	-
5240MHz	Pass	PK	5.1482G	59.98	74.00	-14.02	3	Horizontal	12	1.11	-
5240MHz	Pass	PK	5.237G	119.73	Inf	-Inf	3	Horizontal	12	1.11	-
5240MHz	Pass	PK	5.35G	58.20	74.00	-15.80	3	Horizontal	12	1.11	-
5240MHz	Pass	AV	15.71976G	41.71	54.00	-12.29	3	Vertical	30	1.47	-
5240MHz	Pass	PK	3.37533G	38.65	68.20	-29.55	3	Vertical	335	1.64	-
5240MHz	Pass	PK	10.48126G	57.13	68.20	-11.07	3	Vertical	95	1.63	-
5240MHz	Pass	PK	15.71112G	57.20	74.00	-16.80	3	Vertical	30	1.47	-
5240MHz	Pass	AV	15.71952G	47.87	54.00	-6.13	3	Horizontal	33	1.47	-
5240MHz	Pass	PK	3.37512G	40.92	68.20	-27.28	3	Horizontal	344	2.18	-
5240MHz	Pass	PK	10.48276G	57.99	68.20	-10.21	3	Horizontal	80	1.51	-
5240MHz	Pass	PK	15.7113G	63.96	74.00	-10.04	3	Horizontal	33	1.47	-
5745MHz	Pass	AV	5.7402G	97.95	Inf	-Inf	3	Vertical	355	3.00	-
5745MHz	Pass	PK	5.619G	57.29	68.20	-10.91	3	Vertical	355	3.00	-
5745MHz	Pass	PK	5.7378G	109.95	Inf	-Inf	3	Vertical	355	3.00	-
5745MHz	Pass	PK	5.955G	57.77	68.20	-10.43	3	Vertical	355	3.00	-
5745MHz	Pass	AV	5.7498G	103.07	Inf	-Inf	3	Horizontal	326	1.08	-
5745MHz	Pass	PK	5.6478G	60.14	68.20	-8.06	3	Horizontal	326	1.08	-
5745MHz	Pass	PK	5.7414G	116.73	Inf	-Inf	3	Horizontal	326	1.08	-
5745MHz	Pass	PK	5.9526G	57.44	68.20	-10.76	3	Horizontal	326	1.08	-
5745MHz	Pass	AV	3.82999G	44.98	54.00	-9.02	3	Vertical	47	2.15	-
5745MHz	Pass	AV	11.49G	47.14	54.00	-6.86	3	Vertical	103	1.35	-
5745MHz	Pass	PK	3.82991G	47.85	74.00	-26.15	3	Vertical	47	2.15	-
5745MHz	Pass	PK	11.4904G	60.68	74.00	-13.32	3	Vertical	103	1.35	-
5745MHz	Pass	PK	17.2424G	63.97	68.20	-4.23	3	Vertical	31	1.46	-
5745MHz	Pass	AV	3.83G	44.55	54.00	-9.45	3	Horizontal	0	1.03	-
5745MHz	Pass	AV	11.4898G	53.39	54.00	-0.61	3	Horizontal	65	1.97	-
5745MHz	Pass	PK	3.83004G	48.01	74.00	-25.99	3	Horizontal	0	1.03	-
5745MHz	Pass	PK	11.4868G	66.80	74.00	-7.20	3	Horizontal	65	1.97	-
5745MHz	Pass	PK	17.2424G	65.96	68.20	-2.24	3	Horizontal	324	1.49	-
5785MHz	Pass	AV	5.7802G	92.90	Inf	-Inf	3	Vertical	41	2.86	-
5785MHz	Pass	PK	5.6458G	56.79	68.20	-11.41	3	Vertical	41	2.86	-
5785MHz	Pass	PK	5.7826G	106.44	Inf	-Inf	3	Vertical	41	2.86	-
5785MHz	Pass	PK	5.9362G	57.88	68.20	-10.32	3	Vertical	41	2.86	-
5785MHz	Pass	AV	5.7862G	98.08	Inf	-Inf	3	Horizontal	38	1.87	-
5785MHz	Pass	PK	5.611G	57.50	68.20	-10.70	3	Horizontal	38	1.87	-
5785MHz	Pass	PK	5.7826G	111.59	Inf	-Inf	3	Horizontal	38	1.87	-
5785MHz	Pass	PK	5.9842G	56.85	68.20	-11.35	3	Horizontal	38	1.87	-
5785MHz	Pass	AV	3.85666G	43.52	54.00	-10.48	3	Vertical	352	2.90	-
5785MHz	Pass	AV	11.5682G	46.29	54.00	-7.71	3	Vertical	98	1.42	-
5785MHz	Pass	PK	3.85666G	47.47	74.00	-26.53	3	Vertical	352	2.90	-

Remark :

Page No. : E5 of E80

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

992618



RSE TX above 1GHz
Non-Beamforming Sample 1 Radio1 1T1S

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5785MHz	Pass	PK	11.5724G	59.79	74.00	-14.21	3	Vertical	98	1.42	-
5785MHz	Pass	PK	17.35298G	55.73	68.20	-12.47	3	Vertical	3	1.93	-
5785MHz	Pass	AV	3.85666G	47.32	54.00	-6.68	3	Horizontal	0	2.61	-
5785MHz	Pass	AV	11.5688G	53.15	54.00	-0.85	3	Horizontal	64	1.94	-
5785MHz	Pass	PK	3.85671G	50.10	74.00	-23.90	3	Horizontal	0	2.61	-
5785MHz	Pass	PK	11.5718G	66.28	74.00	-7.72	3	Horizontal	64	1.94	-
5785MHz	Pass	PK	17.3426G	56.89	68.20	-11.31	3	Horizontal	87	1.49	-
5825MHz	Pass	AV	5.8178G	91.00	Inf	-Inf	3	Vertical	41	1.62	-
5825MHz	Pass	PK	5.549G	56.38	68.20	-11.82	3	Vertical	41	1.62	-
5825MHz	Pass	PK	5.8214G	104.25	Inf	-Inf	3	Vertical	41	1.62	-
5825MHz	Pass	PK	5.9726G	56.98	68.20	-11.22	3	Vertical	41	1.62	-
5825MHz	Pass	AV	5.8274G	97.38	Inf	-Inf	3	Horizontal	357	1.01	-
5825MHz	Pass	PK	5.573G	56.74	68.20	-11.46	3	Horizontal	357	1.01	-
5825MHz	Pass	PK	5.8214G	110.12	Inf	-Inf	3	Horizontal	357	1.01	-
5825MHz	Pass	PK	5.9594G	57.33	68.20	-10.87	3	Horizontal	357	1.01	-
5825MHz	Pass	AV	3.88334G	44.87	54.00	-9.13	3	Vertical	56	2.69	-
5825MHz	Pass	AV	11.6482G	48.39	54.00	-5.61	3	Vertical	309	1.60	-
5825MHz	Pass	PK	3.88333G	48.04	74.00	-25.96	3	Vertical	56	2.69	-
5825MHz	Pass	PK	11.6502G	61.61	74.00	-12.39	3	Vertical	309	1.60	-
5825MHz	Pass	PK	17.47346G	57.51	68.20	-10.69	3	Vertical	332	1.22	-
5825MHz	Pass	AV	3.88334G	47.41	54.00	-6.59	3	Horizontal	354	2.44	-
5825MHz	Pass	AV	11.6486G	53.23	54.00	-0.77	3	Horizontal	64	1.66	-
5825MHz	Pass	PK	3.88335G	49.80	74.00	-24.20	3	Horizontal	354	2.44	-
5825MHz	Pass	PK	11.6498G	67.32	74.00	-6.68	3	Horizontal	64	1.66	-
5825MHz	Pass	PK	17.47474G	56.82	68.20	-11.38	3	Horizontal	100	1.16	-
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	AV	5.15G	46.69	54.00	-7.31	3	Vertical	350	1.45	-
5190MHz	Pass	AV	5.2048G	89.63	Inf	-Inf	3	Vertical	350	1.45	-
5190MHz	Pass	PK	5.1488G	59.38	74.00	-14.62	3	Vertical	350	1.45	-
5190MHz	Pass	PK	5.206G	101.56	Inf	-Inf	3	Vertical	350	1.45	-
5190MHz	Pass	AV	5.15G	53.02	54.00	-0.98	3	Horizontal	13	1.50	-
5190MHz	Pass	AV	5.1944G	97.23	Inf	-Inf	3	Horizontal	13	1.50	-
5190MHz	Pass	PK	5.1496G	67.41	74.00	-6.59	3	Horizontal	13	1.50	-
5190MHz	Pass	PK	5.206G	108.77	Inf	-Inf	3	Horizontal	13	1.50	-
5190MHz	Pass	AV	15.55524G	38.92	54.00	-15.08	3	Vertical	312	2.98	-
5190MHz	Pass	PK	3.46G	48.38	68.20	-19.82	3	Vertical	324	1.08	-
5190MHz	Pass	PK	10.38522G	52.86	68.20	-15.34	3	Vertical	360	2.96	-
5190MHz	Pass	PK	15.58326G	51.27	74.00	-22.73	3	Vertical	312	2.98	-
5190MHz	Pass	AV	15.55656G	38.99	54.00	-15.01	3	Horizontal	18	1.50	-
5190MHz	Pass	PK	3.46G	48.98	68.20	-19.22	3	Horizontal	344	1.69	-
5190MHz	Pass	PK	10.38366G	52.74	68.20	-15.46	3	Horizontal	78	1.48	-
5190MHz	Pass	PK	15.55734G	51.43	74.00	-22.57	3	Horizontal	18	1.50	-
5230MHz	Pass	AV	5.1488G	47.94	54.00	-6.06	3	Vertical	351	1.41	-
5230MHz	Pass	AV	5.2344G	95.76	Inf	-Inf	3	Vertical	351	1.41	-
5230MHz	Pass	PK	5.1472G	60.09	74.00	-13.91	3	Vertical	351	1.41	-
5230MHz	Pass	PK	5.246G	107.84	Inf	-Inf	3	Vertical	351	1.41	-
5230MHz	Pass	AV	5.1488G	53.15	54.00	-0.85	3	Horizontal	11	1.12	-
5230MHz	Pass	AV	5.2344G	102.41	Inf	-Inf	3	Horizontal	11	1.12	-
5230MHz	Pass	PK	5.1472G	68.53	74.00	-5.47	3	Horizontal	11	1.12	-

Remark :

Page No. : E6 of E80

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

992618



RSE TX above 1GHz
Non-Beamforming Sample 1 Radio1 1T1S

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5230MHz	Pass	PK	5.246G	114.22	Inf	-Inf	3	Horizontal	11	1.12	-
5230MHz	Pass	AV	15.69108G	40.62	54.00	-13.38	3	Vertical	33	1.49	-
5230MHz	Pass	PK	3.48669G	49.44	68.20	-18.76	3	Vertical	324	1.03	-
5230MHz	Pass	PK	10.46378G	54.47	68.20	-13.73	3	Vertical	97	1.46	-
5230MHz	Pass	PK	15.69084G	53.29	74.00	-20.71	3	Vertical	33	1.49	-
5230MHz	Pass	AV	15.68292G	44.30	54.00	-9.70	3	Horizontal	34	1.49	-
5230MHz	Pass	PK	3.48665G	51.00	68.20	-17.20	3	Horizontal	338	1.49	-
5230MHz	Pass	PK	10.4636G	55.83	68.20	-12.37	3	Horizontal	82	1.52	-
5230MHz	Pass	PK	15.68766G	58.43	74.00	-15.57	3	Horizontal	34	1.49	-
5755MHz	Pass	AV	5.7466G	96.34	Inf	-Inf	3	Vertical	44	2.91	-
5755MHz	Pass	PK	5.6326G	59.78	68.20	-8.42	3	Vertical	44	2.91	-
5755MHz	Pass	PK	5.7394G	108.74	Inf	-Inf	3	Vertical	44	2.91	-
5755MHz	Pass	PK	5.935G	57.07	68.20	-11.13	3	Vertical	44	2.91	-
5755MHz	Pass	AV	5.7598G	98.99	Inf	-Inf	3	Horizontal	256	1.01	-
5755MHz	Pass	PK	5.6482G	63.32	68.20	-4.88	3	Horizontal	256	1.01	-
5755MHz	Pass	PK	5.7394G	111.63	Inf	-Inf	3	Horizontal	256	1.01	-
5755MHz	Pass	PK	5.9854G	57.07	68.20	-11.13	3	Horizontal	256	1.01	-
5755MHz	Pass	AV	3.83665G	43.25	54.00	-10.75	3	Vertical	358	2.45	-
5755MHz	Pass	AV	11.51726G	45.93	54.00	-8.07	3	Vertical	107	1.42	-
5755MHz	Pass	PK	3.83657G	46.57	74.00	-27.43	3	Vertical	358	2.45	-
5755MHz	Pass	PK	11.5247G	58.27	74.00	-15.73	3	Vertical	107	1.42	-
5755MHz	Pass	PK	17.27124G	61.74	68.20	-6.46	3	Vertical	34	1.47	-
5755MHz	Pass	AV	3.83664G	45.30	54.00	-8.70	3	Horizontal	358	2.82	-
5755MHz	Pass	AV	11.51096G	52.13	54.00	-1.87	3	Horizontal	68	1.89	-
5755MHz	Pass	PK	3.83669G	48.07	74.00	-25.93	3	Horizontal	358	2.82	-
5755MHz	Pass	PK	11.52464G	65.02	74.00	-8.98	3	Horizontal	68	1.89	-
5755MHz	Pass	PK	17.26122G	63.27	68.20	-4.93	3	Horizontal	328	1.50	-
5795MHz	Pass	AV	5.7782G	90.19	Inf	-Inf	3	Vertical	59	2.86	-
5795MHz	Pass	PK	5.6474G	56.84	68.20	-11.36	3	Vertical	59	2.86	-
5795MHz	Pass	PK	5.7794G	103.07	Inf	-Inf	3	Vertical	59	2.86	-
5795MHz	Pass	PK	5.9258G	57.29	68.20	-10.91	3	Vertical	59	2.86	-
5795MHz	Pass	AV	5.8022G	100.05	Inf	-Inf	3	Horizontal	4	1.11	-
5795MHz	Pass	PK	5.6402G	59.35	68.20	-8.85	3	Horizontal	4	1.11	-
5795MHz	Pass	PK	5.7926G	112.50	Inf	-Inf	3	Horizontal	4	1.11	-
5795MHz	Pass	PK	5.9246G	62.82	68.50	-5.68	3	Horizontal	4	1.11	-
5795MHz	Pass	AV	3.86333G	44.00	54.00	-10.00	3	Vertical	358	2.55	-
5795MHz	Pass	AV	11.5876G	45.99	54.00	-8.01	3	Vertical	106	1.42	-
5795MHz	Pass	PK	3.86338G	47.33	74.00	-26.67	3	Vertical	358	2.55	-
5795MHz	Pass	PK	11.5868G	58.76	74.00	-15.24	3	Vertical	106	1.42	-
5795MHz	Pass	PK	17.38998G	58.65	68.20	-9.55	3	Vertical	77	1.48	-
5795MHz	Pass	AV	3.86335G	48.15	54.00	-5.85	3	Horizontal	0	2.77	-
5795MHz	Pass	AV	11.58748G	52.94	54.00	-1.06	3	Horizontal	66	1.90	-
5795MHz	Pass	PK	3.86342G	50.38	74.00	-23.62	3	Horizontal	0	2.77	-
5795MHz	Pass	PK	11.59762G	66.05	74.00	-7.95	3	Horizontal	66	1.90	-
5795MHz	Pass	PK	17.37654G	60.03	68.20	-8.17	3	Horizontal	78	1.81	-
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	AV	5.148G	47.85	54.00	-6.15	3	Vertical	354	1.41	-
5210MHz	Pass	AV	5.224G	87.73	Inf	-Inf	3	Vertical	354	1.41	-
5210MHz	Pass	AV	5.357G	45.21	54.00	-8.79	3	Vertical	354	1.41	-

Remark :

Page No. : E7 of E80

Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

992618



RSE TX above 1GHz
Non-Beamforming Sample 1 Radio1 1T1S

Appendix E.2

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5210MHz	Pass	PK	5.15G	59.71	74.00	-14.29	3	Vertical	354	1.41	-
5210MHz	Pass	PK	5.224G	99.93	Inf	-Inf	3	Vertical	354	1.41	-
5210MHz	Pass	PK	5.414G	56.58	74.00	-17.42	3	Vertical	354	1.41	-
5210MHz	Pass	AV	5.15G	53.24	54.00	-0.76	3	Horizontal	13	1.30	-
5210MHz	Pass	AV	5.216G	94.45	Inf	-Inf	3	Horizontal	13	1.30	-
5210MHz	Pass	AV	5.352G	46.65	54.00	-7.35	3	Horizontal	13	1.30	-
5210MHz	Pass	PK	5.145G	66.64	74.00	-7.36	3	Horizontal	13	1.30	-
5210MHz	Pass	PK	5.209G	106.51	Inf	-Inf	3	Horizontal	13	1.30	-
5210MHz	Pass	PK	5.35G	58.50	74.00	-15.50	3	Horizontal	13	1.30	-
5210MHz	Pass	AV	15.63504G	38.97	54.00	-15.03	3	Vertical	339	1.48	-
5210MHz	Pass	PK	3.47337G	49.29	68.20	-18.91	3	Vertical	322	1.07	-
5210MHz	Pass	PK	10.43116G	52.01	68.20	-16.19	3	Vertical	359	2.98	-
5210MHz	Pass	PK	15.63354G	51.44	74.00	-22.56	3	Vertical	339	1.48	-
5210MHz	Pass	AV	15.6225G	38.81	54.00	-15.19	3	Horizontal	132	1.47	-
5210MHz	Pass	PK	3.47329G	50.16	68.20	-18.04	3	Horizontal	341	1.76	-
5210MHz	Pass	PK	10.42336G	51.93	68.20	-16.27	3	Horizontal	80	2.99	-
5210MHz	Pass	PK	15.63804G	50.89	74.00	-23.11	3	Horizontal	132	1.47	-
5775MHz	Pass	AV	5.7618G	92.14	Inf	-Inf	3	Vertical	45	2.90	-
5775MHz	Pass	PK	5.6442G	64.41	68.20	-3.79	3	Vertical	45	2.90	-
5775MHz	Pass	PK	5.7534G	103.87	Inf	-Inf	3	Vertical	45	2.90	-
5775MHz	Pass	PK	5.9274G	59.06	68.20	-9.14	3	Vertical	45	2.90	-
5775MHz	Pass	AV	5.7594G	96.09	Inf	-Inf	3	Horizontal	256	1.01	-
5775MHz	Pass	PK	5.6442G	67.79	68.20	-0.41	3	Horizontal	256	1.01	-
5775MHz	Pass	PK	5.7534G	107.71	Inf	-Inf	3	Horizontal	256	1.01	-
5775MHz	Pass	PK	5.9334G	62.05	68.20	-6.15	3	Horizontal	256	1.01	-
5775MHz	Pass	AV	3.84998G	43.29	54.00	-10.71	3	Vertical	350	2.92	-
5775MHz	Pass	AV	11.554G	44.30	54.00	-9.70	3	Vertical	104	1.38	-
5775MHz	Pass	PK	3.84993G	46.96	74.00	-27.04	3	Vertical	350	2.92	-
5775MHz	Pass	PK	11.5592G	57.04	74.00	-16.96	3	Vertical	104	1.38	-
5775MHz	Pass	PK	17.32152G	58.08	68.20	-10.12	3	Vertical	282	1.14	-
5775MHz	Pass	AV	3.84998G	46.50	54.00	-7.50	3	Horizontal	4	2.81	-
5775MHz	Pass	AV	11.554G	50.98	54.00	-3.02	3	Horizontal	66	1.81	-
5775MHz	Pass	PK	3.85006G	48.79	74.00	-25.21	3	Horizontal	4	2.81	-
5775MHz	Pass	PK	11.5676G	63.62	74.00	-10.38	3	Horizontal	66	1.81	-
5775MHz	Pass	PK	17.3252G	58.48	68.20	-9.72	3	Horizontal	325	1.39	-

Remark :

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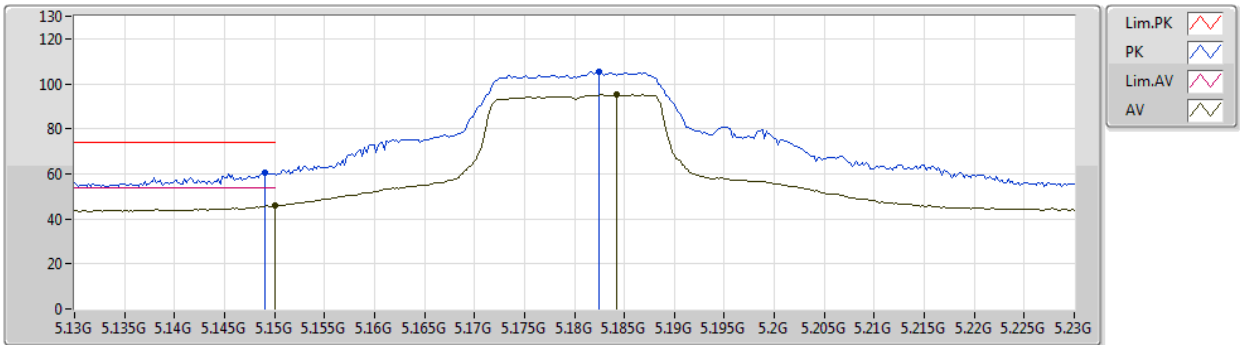
Level (dBuV/m) = Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamp Factor)

992618

802.11a_Nss1,(6Mbps)_1TX

24/01/2020

5180MHz_TX

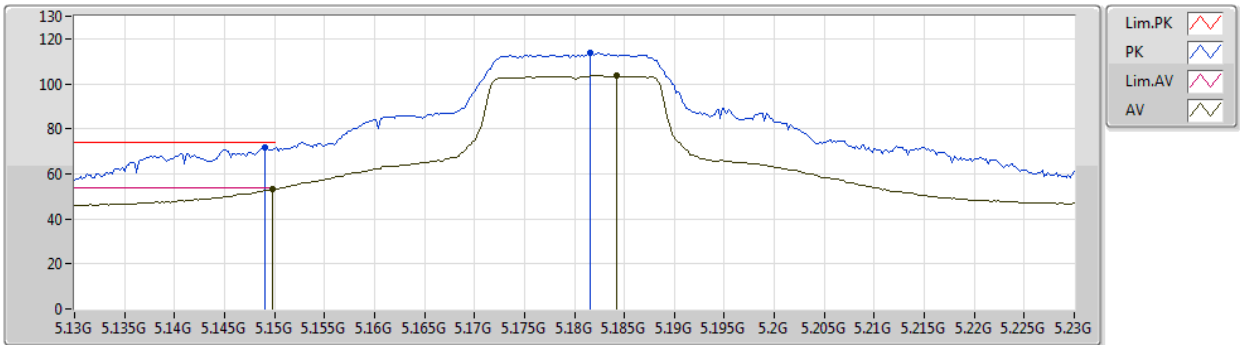


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	46.16	54.00	-7.84	4.97	3	Vertical	353	2.95	-	41.19	31.76	7.04	33.83
AV	5.1842G	95.47	Inf	-Inf	5.00	3	Vertical	353	2.95	-	90.47	31.77	7.08	33.85
PK	5.149G	60.35	74.00	-13.65	4.97	3	Vertical	353	2.95	-	55.38	31.76	7.04	33.83
PK	5.1824G	105.22	Inf	-Inf	5.01	3	Vertical	353	2.95	-	100.21	31.77	7.08	33.84

802.11a_Nss1,(6Mbps)_1TX

24/01/2020

5180MHz_TX

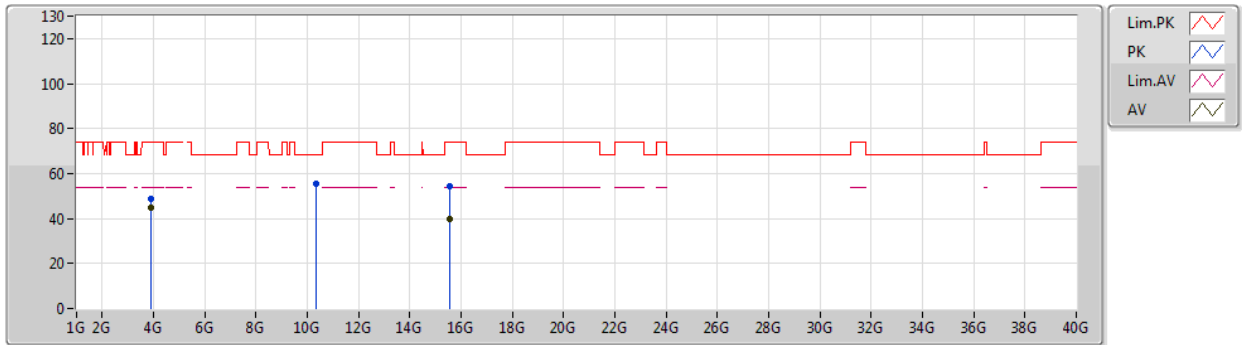


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1498G	53.35	54.00	-0.65	4.97	3	Horizontal	13	1.15	-	48.38	31.76	7.04	33.83
AV	5.1842G	103.67	Inf	-Inf	5.00	3	Horizontal	13	1.15	-	98.67	31.77	7.08	33.85
PK	5.149G	71.50	74.00	-2.50	4.97	3	Horizontal	13	1.15	-	66.53	31.76	7.04	33.83
PK	5.1816G	113.83	Inf	-Inf	5.01	3	Horizontal	13	1.15	-	108.82	31.77	7.08	33.84

802.11a_Nss1,(6Mbps)_1TX

24/01/2020

5180MHz_TX

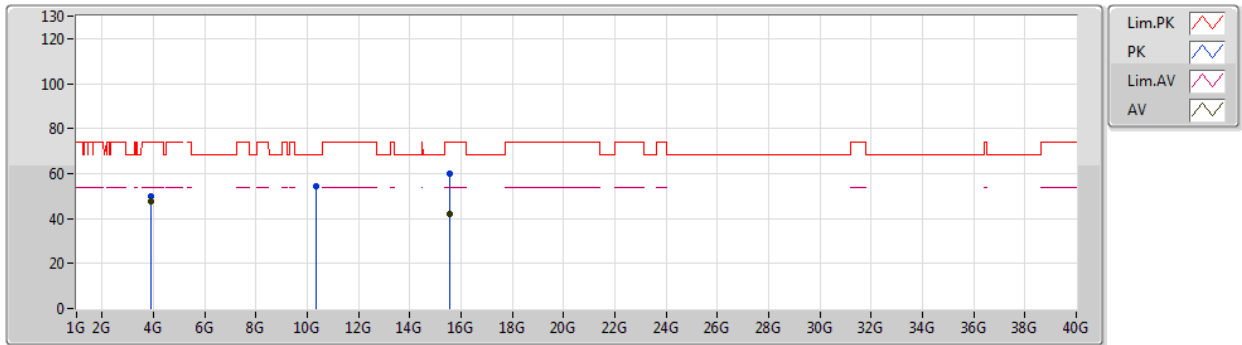


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.885G	45.02	54.00	-8.98	-15.19	3	Vertical	59	2.68	-	60.21	29.49	6.54	51.22
AV	15.5442G	39.73	54.00	-14.27	-1.38	3	Vertical	30	1.49	-	41.11	38.79	12.82	52.99
PK	3.88502G	48.67	74.00	-25.33	-15.19	3	Vertical	59	2.68	-	63.86	29.49	6.54	51.22
PK	10.3593G	55.65	68.20	-12.55	-4.77	3	Vertical	8	1.50	-	60.42	39.37	10.33	54.47
PK	15.5491G	54.19	74.00	-19.81	-1.39	3	Vertical	30	1.49	-	55.58	38.77	12.83	52.99

802.11a_Nss1,(6Mbps)_1TX

24/01/2020

5180MHz_TX

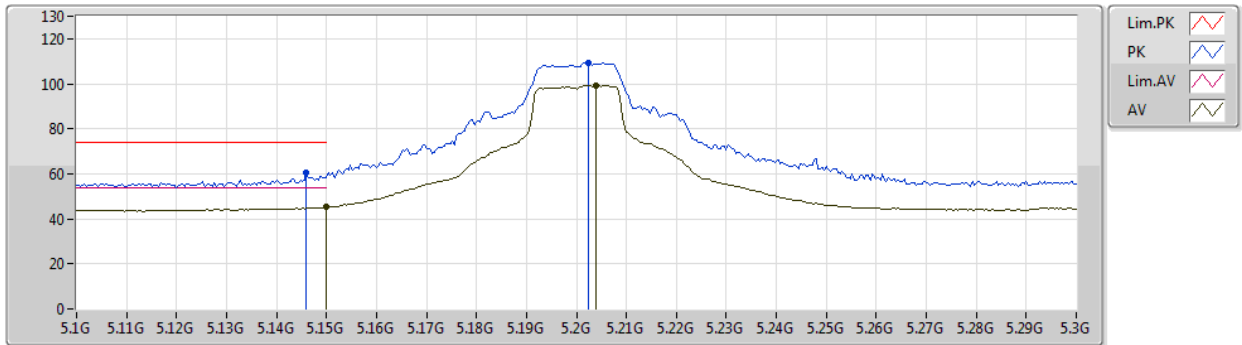


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.88498G	47.49	54.00	-6.51	-15.19	3	Horizontal	351	1.78	-	62.68	29.49	6.54	51.22
AV	15.54G	42.12	54.00	-11.88	-1.37	3	Horizontal	27	1.48	-	43.49	38.80	12.81	52.98
PK	3.88505G	49.86	74.00	-24.14	-15.19	3	Horizontal	351	1.78	-	65.05	29.49	6.54	51.22
PK	10.3614G	54.52	68.20	-13.68	-4.77	3	Horizontal	54	1.69	-	59.29	39.37	10.33	54.47
PK	15.5415G	60.23	74.00	-13.77	-1.37	3	Horizontal	27	1.48	-	61.60	38.80	12.82	52.99

802.11a_Nss1,(6Mbps)_1TX

24/01/2020

5200MHz_TX

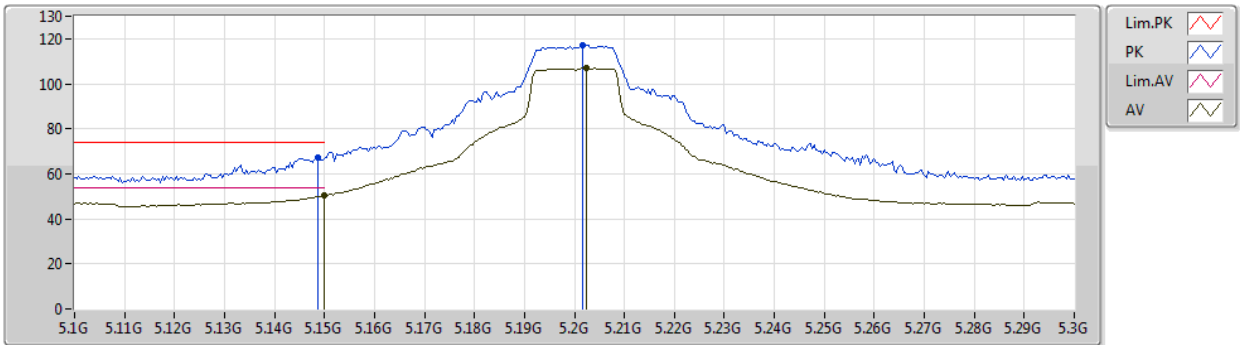


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	45.26	54.00	-8.74	4.97	3	Vertical	350	1.37	-	40.29	31.76	7.04	33.83
AV	5.204G	99.41	Inf	-Inf	5.03	3	Vertical	350	1.37	-	94.38	31.78	7.10	33.85
PK	5.146G	60.48	74.00	-13.52	4.96	3	Vertical	350	1.37	-	55.52	31.76	7.03	33.83
PK	5.2024G	109.26	Inf	-Inf	5.03	3	Vertical	350	1.37	-	104.23	31.78	7.10	33.85

802.11a_Nss1,(6Mbps)_1TX

24/01/2020

5200MHz_TX

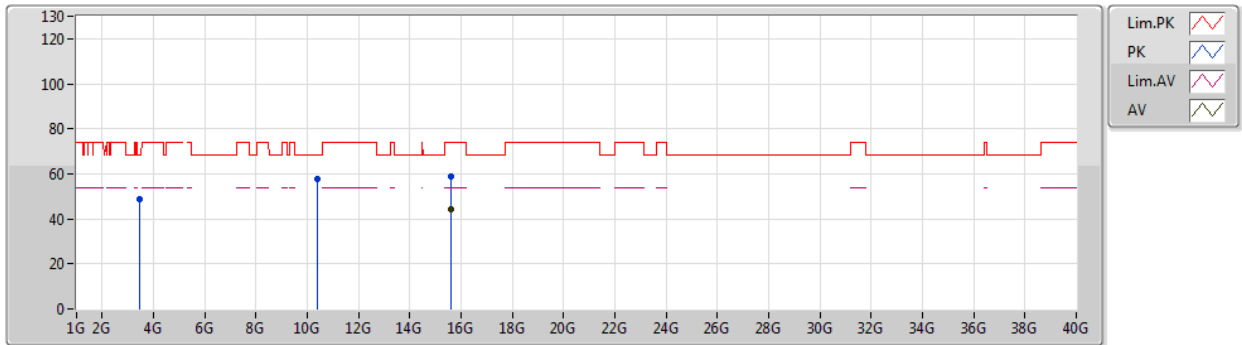


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.15G	50.17	54.00	-3.83	4.97	3	Horizontal	12	1.42	-	45.20	31.76	7.04	33.83
AV	5.2024G	106.93	Inf	-Inf	5.03	3	Horizontal	12	1.42	-	101.90	31.78	7.10	33.85
PK	5.1488G	67.22	74.00	-6.78	4.96	3	Horizontal	12	1.42	-	62.26	31.76	7.03	33.83
PK	5.2016G	117.12	Inf	-Inf	5.03	3	Horizontal	12	1.42	-	112.09	31.78	7.10	33.85

802.11a_Nss1,(6Mbps)_1TX

24/01/2020

5200MHz_TX

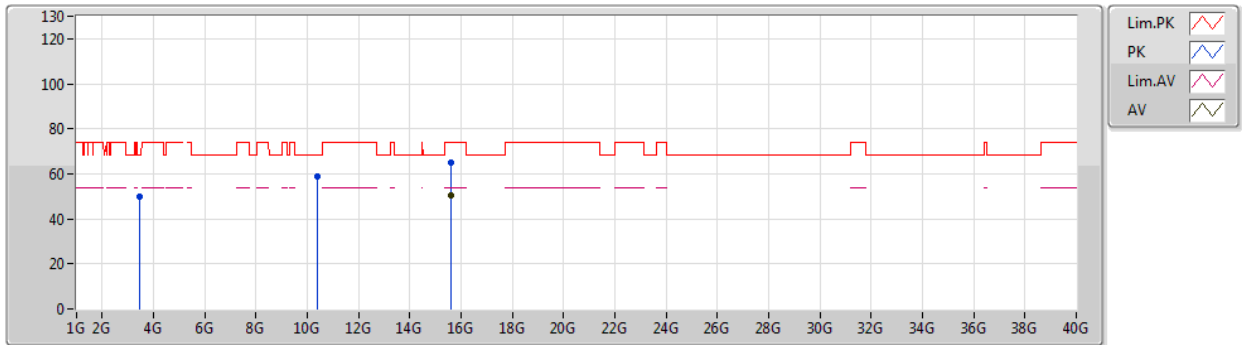


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.6014G	44.30	54.00	-9.70	-1.57	3	Vertical	33	1.57	-	45.87	38.57	12.91	53.05
PK	3.46673G	48.64	68.20	-19.56	-16.80	3	Vertical	325	1.06	-	65.44	28.78	5.65	51.23
PK	10.3977G	57.91	68.20	-10.29	-4.71	3	Vertical	7	1.61	-	62.62	39.42	10.33	54.46
PK	15.6036G	58.99	74.00	-15.01	-1.58	3	Vertical	33	1.57	-	60.57	38.57	12.91	53.06

802.11a_Nss1,(6Mbps)_1TX

24/01/2020

5200MHz_TX

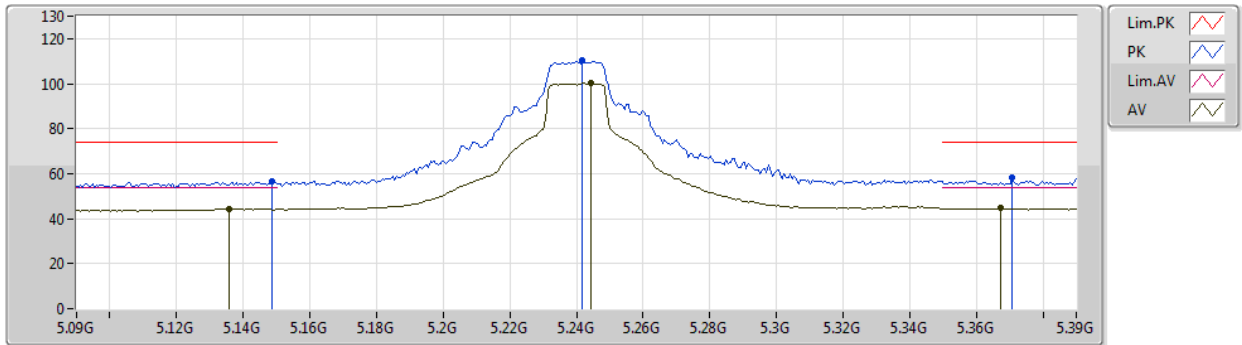


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.6012G	50.54	54.00	-3.46	-1.56	3	Horizontal	37	1.48	-	52.10	38.58	12.91	53.05
PK	3.46664G	49.67	68.20	-18.53	-16.80	3	Horizontal	341	1.72	-	66.47	28.78	5.65	51.23
PK	10.3976G	58.88	68.20	-9.32	-4.71	3	Horizontal	87	1.65	-	63.59	39.42	10.33	54.46
PK	15.6018G	64.91	74.00	-9.09	-1.57	3	Horizontal	37	1.48	-	66.48	38.57	12.91	53.05

802.11a_Nss1,(6Mbps)_1TX

24/01/2020

5240MHz_TX

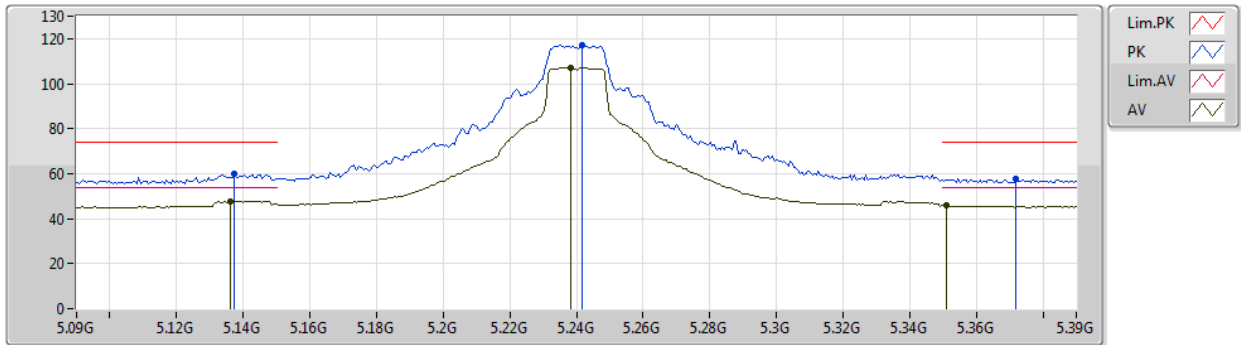


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1356G	44.52	54.00	-9.48	4.94	3	Vertical	354	1.35	-	39.58	31.75	7.02	33.83
AV	5.2442G	100.32	Inf	-Inf	5.09	3	Vertical	354	1.35	-	95.23	31.80	7.15	33.86
AV	5.3672G	44.58	54.00	-9.42	5.27	3	Vertical	354	1.35	-	39.31	31.85	7.31	33.89
PK	5.1488G	56.55	74.00	-17.45	4.96	3	Vertical	354	1.35	-	51.59	31.76	7.03	33.83
PK	5.2418G	110.12	Inf	-Inf	5.09	3	Vertical	354	1.35	-	105.03	31.80	7.15	33.86
PK	5.3708G	58.22	74.00	-15.78	5.27	3	Vertical	354	1.35	-	52.95	31.85	7.31	33.89

802.11a_Nss1,(6Mbps)_1TX

24/01/2020

5240MHz_TX

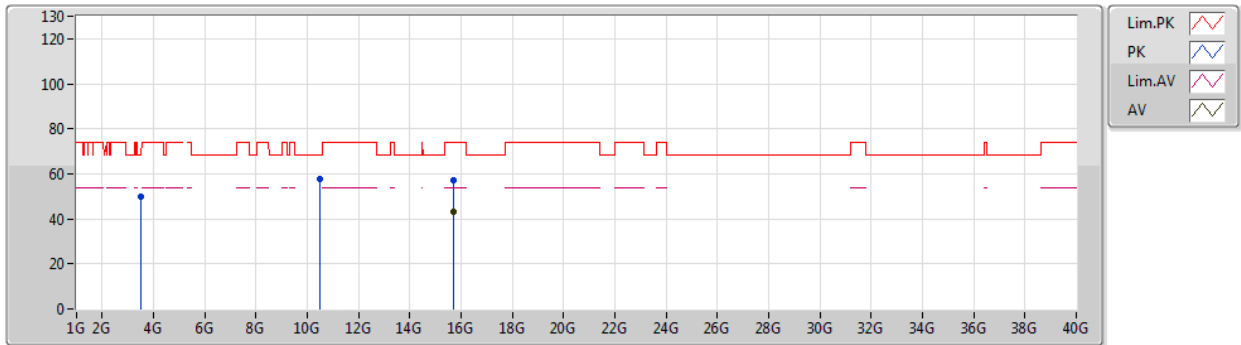


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.1362G	47.71	54.00	-6.29	4.94	3	Horizontal	13	1.12	-	42.77	31.75	7.02	33.83
AV	5.2382G	107.13	Inf	-Inf	5.09	3	Horizontal	13	1.12	-	102.04	31.80	7.15	33.86
AV	5.351G	45.75	54.00	-8.25	5.24	3	Horizontal	13	1.12	-	40.51	31.84	7.29	33.89
PK	5.1374G	59.82	74.00	-14.18	4.94	3	Horizontal	13	1.12	-	54.88	31.75	7.02	33.83
PK	5.2418G	117.08	Inf	-Inf	5.09	3	Horizontal	13	1.12	-	111.99	31.80	7.15	33.86
PK	5.372G	57.95	74.00	-16.05	5.28	3	Horizontal	13	1.12	-	52.67	31.85	7.32	33.89

802.11a_Nss1,(6Mbps)_1TX

24/01/2020

5240MHz_TX

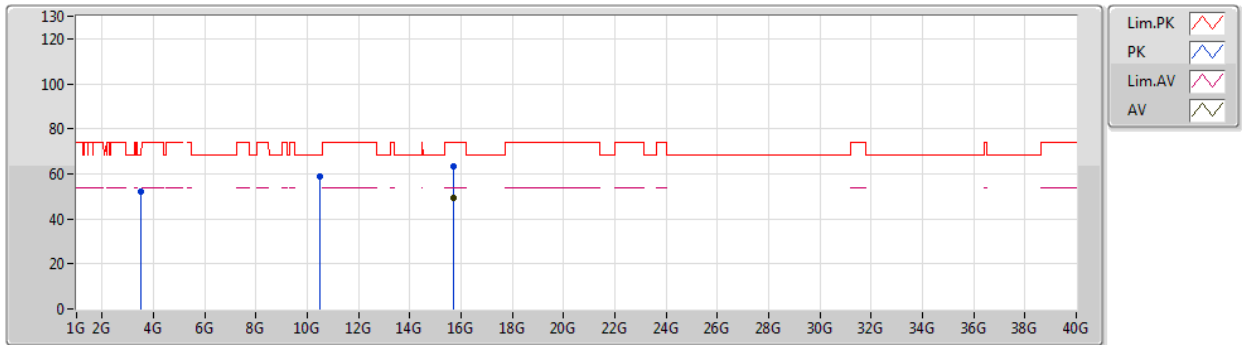


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7178G	43.21	54.00	-10.79	-1.95	3	Vertical	31	1.57	-	45.16	38.14	13.09	53.18
PK	3.4934G	50.03	68.20	-18.17	-16.78	3	Vertical	316	1.12	-	66.81	28.80	5.66	51.24
PK	10.4777G	57.85	68.20	-10.35	-4.55	3	Vertical	98	1.50	-	62.40	39.52	10.35	54.42
PK	15.722G	57.17	74.00	-16.83	-1.96	3	Vertical	31	1.57	-	59.13	38.13	13.10	53.19

802.11a_Nss1,(6Mbps)_1TX

24/01/2020

5240MHz_TX

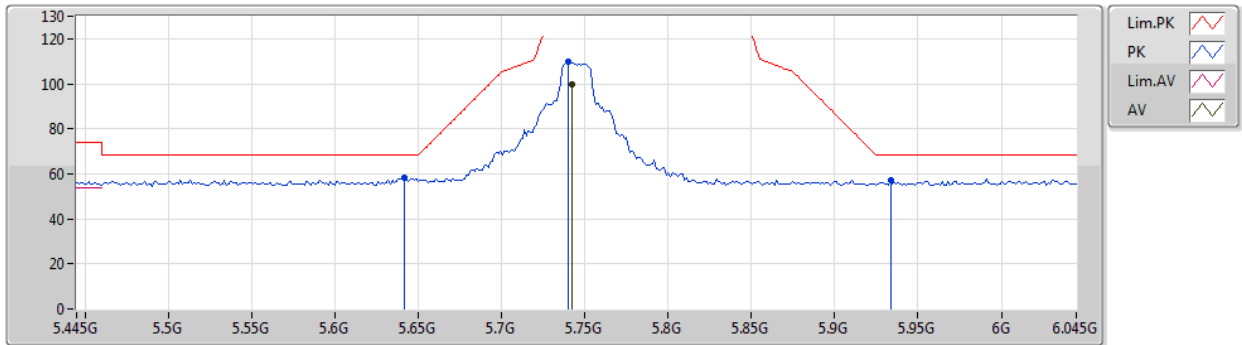


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	15.7195G	49.21	54.00	-4.79	-1.95	3	Horizontal	34	1.48	-	51.16	38.14	13.10	53.19
PK	3.49338G	51.87	68.20	-16.33	-16.78	3	Horizontal	338	1.42	-	68.65	28.80	5.66	51.24
PK	10.4776G	58.78	68.20	-9.42	-4.55	3	Horizontal	85	1.51	-	63.33	39.52	10.35	54.42
PK	15.7135G	63.25	74.00	-10.75	-1.93	3	Horizontal	34	1.48	-	65.18	38.16	13.09	53.18

802.11a_Nss1,(6Mbps)_1TX

25/01/2020

5745MHz_TX

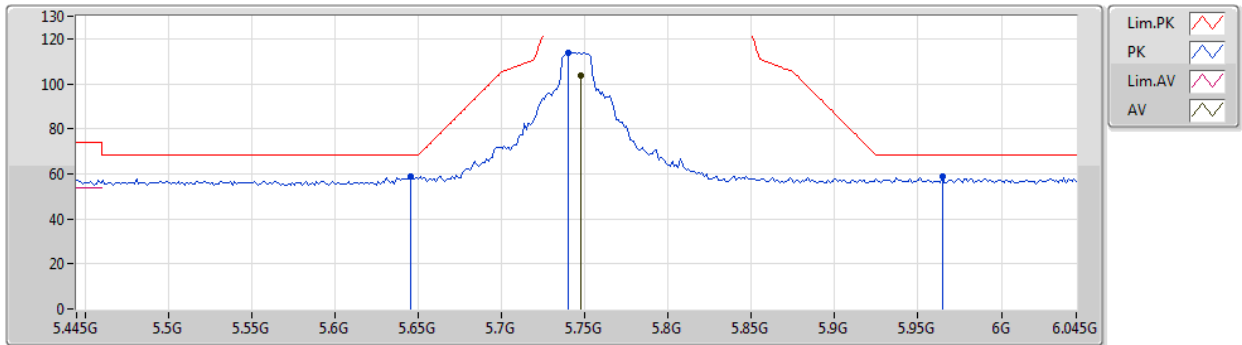


Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7426G	99.58	Inf	-Inf	5.91	3	Vertical	0	1.07	-	93.67	32.24	7.63	33.96
PK	5.6418G	58.18	68.20	-10.02	5.73	3	Vertical	0	1.07	-	52.45	32.10	7.57	33.94
PK	5.7402G	109.74	Inf	-Inf	5.91	3	Vertical	0	1.07	-	103.83	32.24	7.63	33.96
PK	5.9334G	57.01	68.20	-11.19	6.28	3	Vertical	0	1.07	-	50.73	32.51	7.76	33.99

802.11a_Nss1,(6Mbps)_1TX

25/01/2020

5745MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	5.7474G	103.91	Inf	-Inf	5.93	3	Horizontal	38	1.78	-	97.98	32.25	7.64	33.96
PK	5.6454G	58.73	68.20	-9.47	5.73	3	Horizontal	38	1.78	-	53.00	32.10	7.57	33.94
PK	5.7402G	114.03	Inf	-Inf	5.91	3	Horizontal	38	1.78	-	108.12	32.24	7.63	33.96
PK	5.9646G	58.63	68.20	-9.57	6.34	3	Horizontal	38	1.78	-	52.29	32.55	7.78	33.99