

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.83	9.14	8.74	11.87	16.17
5200MHz	Pass	6.83	9.35	8.49	11.77	16.17
5240MHz	Pass	6.83	9.56	8.26	11.83	16.17
5745MHz	Pass	6.83	7.96	7.08	10.44	29.17
5785MHz	Pass	6.83	7.35	7.23	10.27	29.17
5825MHz	Pass	6.83	7.60	7.39	10.09	29.17
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.83	7.39	6.34	9.71	16.17
5230MHz	Pass	6.83	7.67	5.92	9.79	16.17
5755MHz	Pass	6.83	5.71	5.37	8.16	29.17
5795MHz	Pass	6.83	5.16	5.52	7.95	29.17
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.83	4.63	2.91	6.62	16.17
5775MHz	Pass	6.83	2.10	2.70	5.22	29.17

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

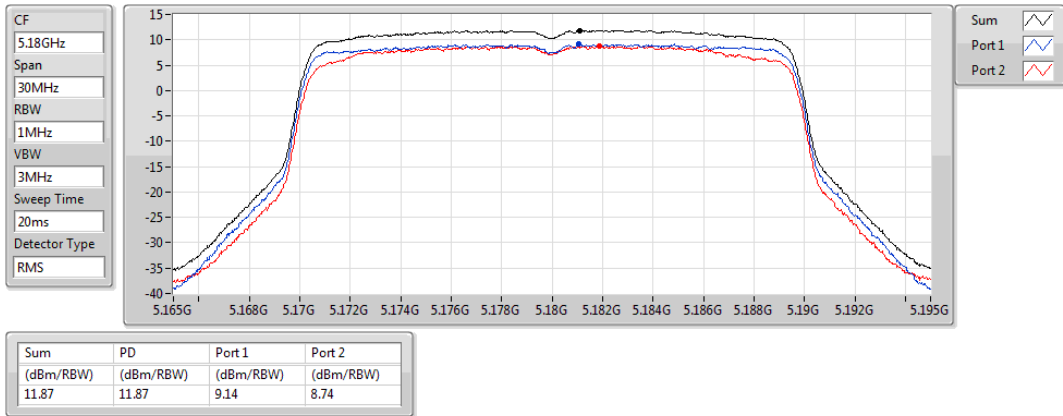
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

22/07/2019

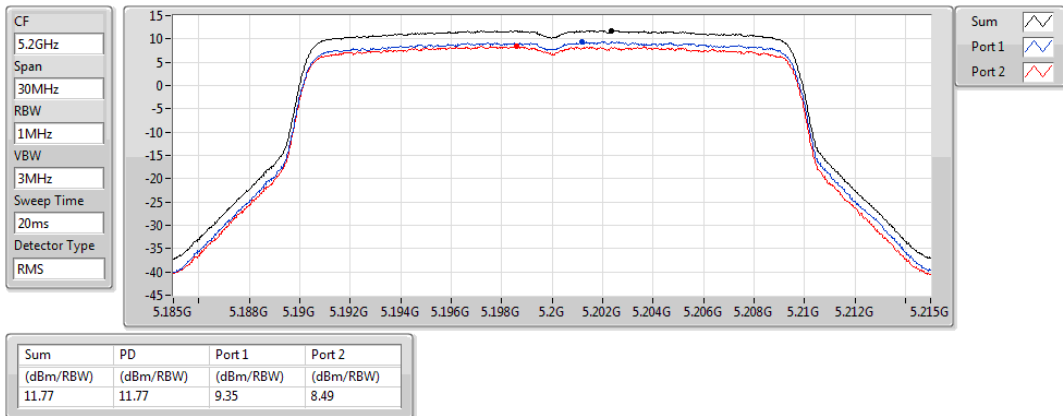


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

22/07/2019

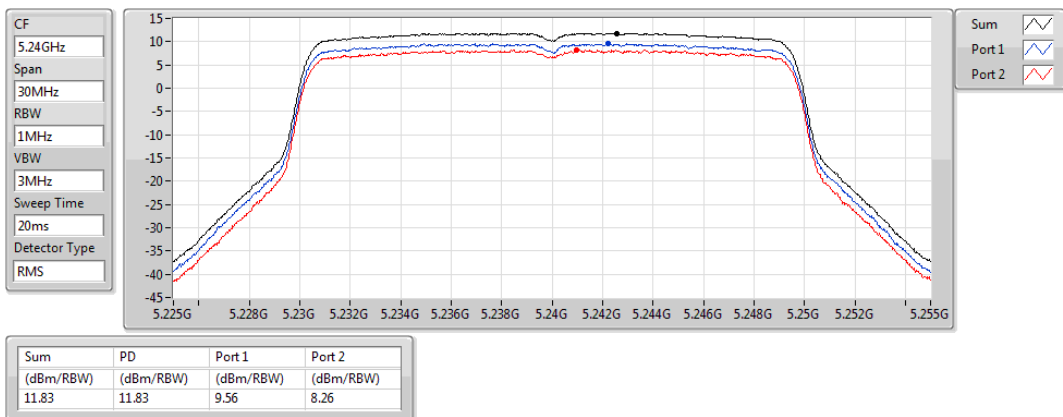


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

22/07/2019

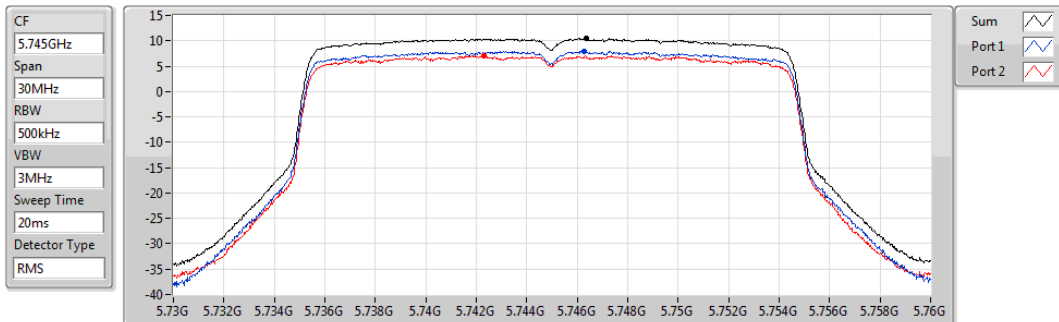


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

22/07/2019



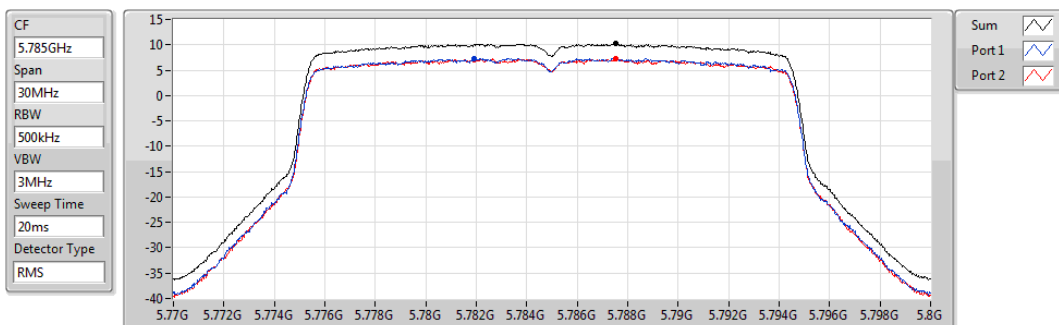
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.44	10.44	7.96	7.08

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

22/07/2019



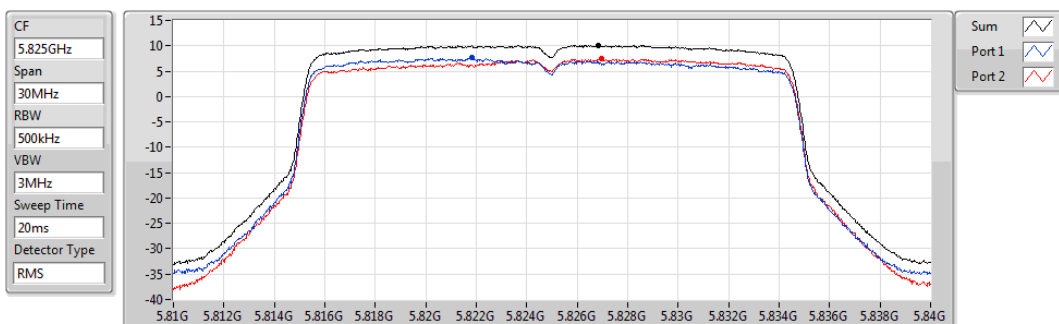
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.27	10.27	7.35	7.23

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

22/07/2019



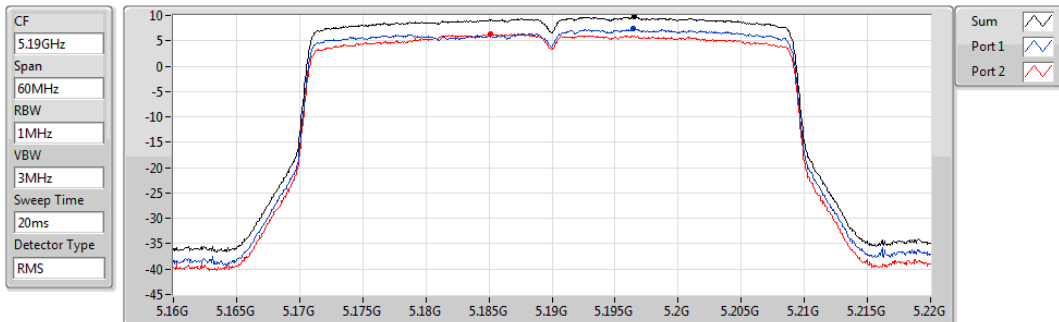
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.09	10.09	7.60	7.39

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

22/07/2019



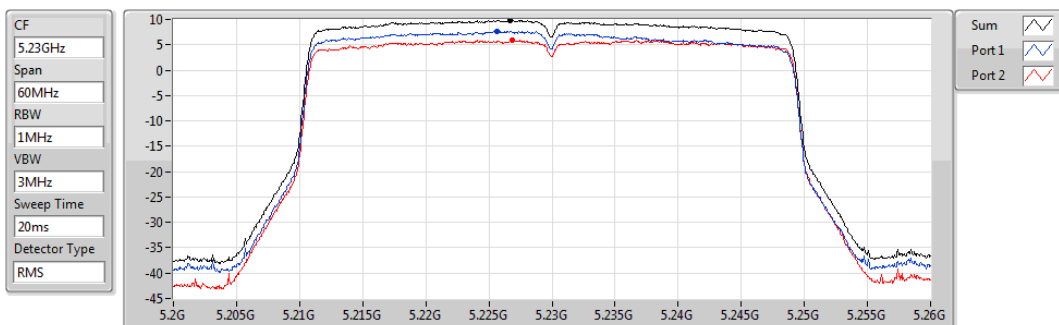
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.71	9.71	7.39	6.34

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

22/07/2019



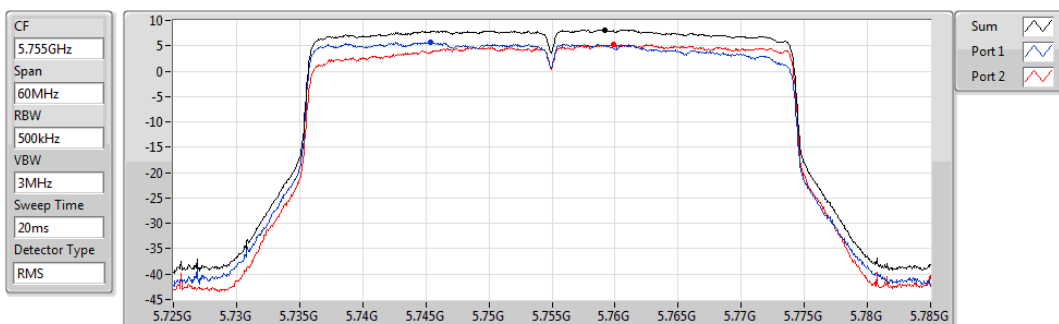
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.79	9.79	7.67	5.92

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

22/07/2019



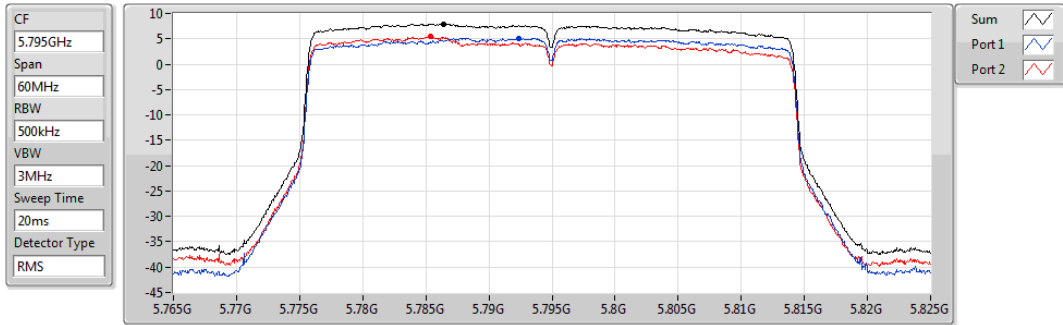
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.16	8.16	5.71	5.37

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

22/07/2019



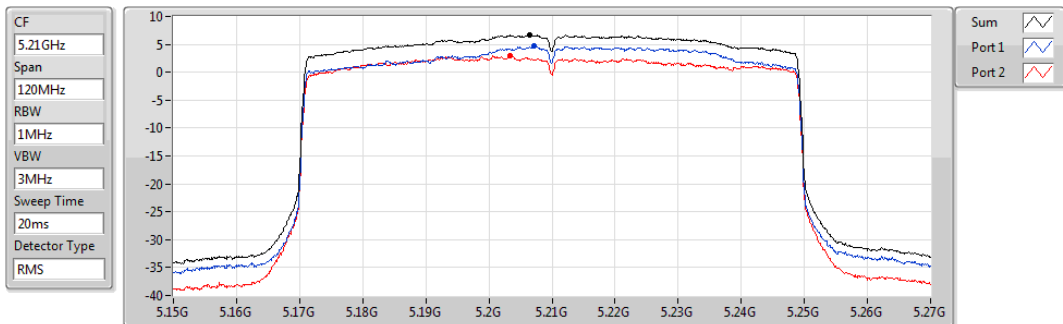
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.95	7.95	5.16	5.52

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

22/07/2019



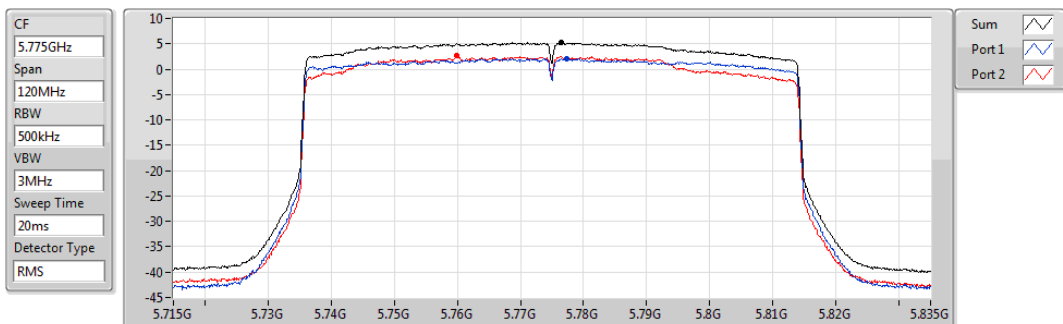
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.62	6.62	4.63	2.91

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

22/07/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.22	5.22	2.10	2.70

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	12.77
802.11ax HEW20_Nss1,(MCS0)_4TX	13.05
802.11ax HEW40_Nss1,(MCS0)_4TX	12.97
802.11ax HEW80_Nss1,(MCS0)_4TX	7.91
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.75
802.11ax HEW20_Nss1,(MCS0)_4TX	15.04
802.11ax HEW40_Nss1,(MCS0)_4TX	11.90
802.11ax HEW80_Nss1,(MCS0)_4TX	7.90

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.85	7.07	6.36	7.32	6.78	12.77	13.15
5200MHz	Pass	9.85	7.05	6.30	7.23	6.64	12.75	13.15
5240MHz	Pass	9.85	6.99	6.47	7.17	6.70	12.68	13.15
5745MHz	Pass	9.85	10.10	9.61	9.53	10.10	15.52	26.15
5785MHz	Pass	9.85	9.77	9.82	10.08	9.67	15.55	26.15
5825MHz	Pass	9.85	9.84	10.01	9.78	9.98	15.75	26.15
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.85	6.99	6.39	7.29	6.85	12.70	13.15
5200MHz	Pass	9.85	7.20	6.29	7.29	6.84	12.81	13.15
5240MHz	Pass	9.85	7.43	6.82	7.66	7.22	13.05	13.15
5745MHz	Pass	9.85	9.15	8.73	9.40	9.03	14.84	26.15
5785MHz	Pass	9.85	8.83	9.18	9.10	9.12	14.74	26.15
5825MHz	Pass	9.85	9.47	9.13	9.31	8.96	15.04	26.15
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.85	6.97	6.10	7.28	6.31	12.53	13.15
5230MHz	Pass	9.85	7.31	6.54	7.73	6.90	12.97	13.15
5755MHz	Pass	9.85	6.17	5.80	6.78	6.04	11.90	26.15
5795MHz	Pass	9.85	5.94	5.71	6.60	6.16	11.84	26.15
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.85	2.28	1.41	2.70	1.93	7.91	13.15
5775MHz	Pass	9.85	1.88	1.97	2.74	1.97	7.90	26.15

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

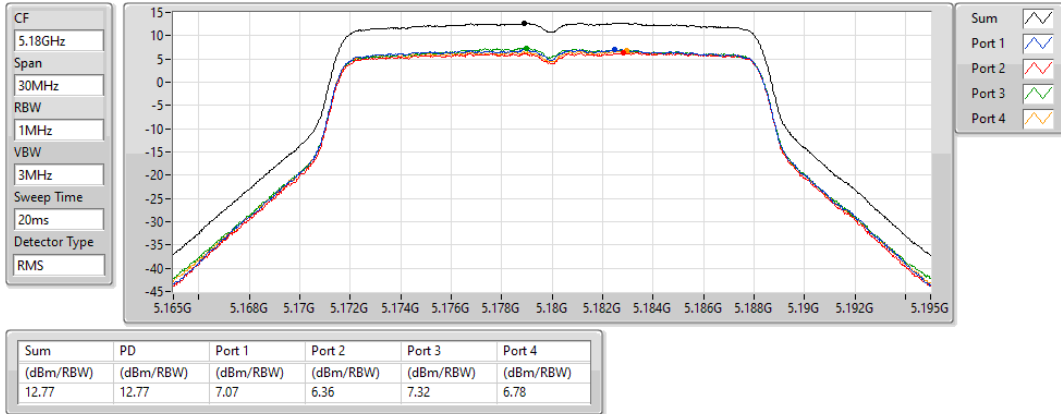
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

31/07/2023

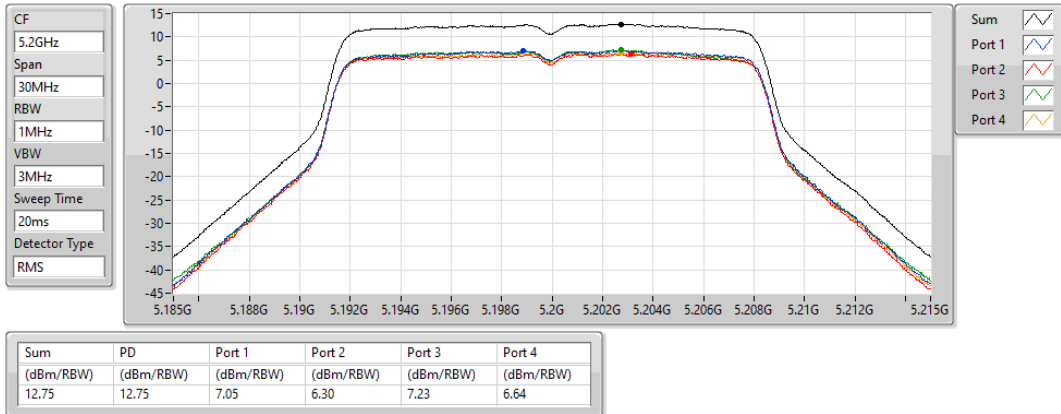


802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

31/07/2023

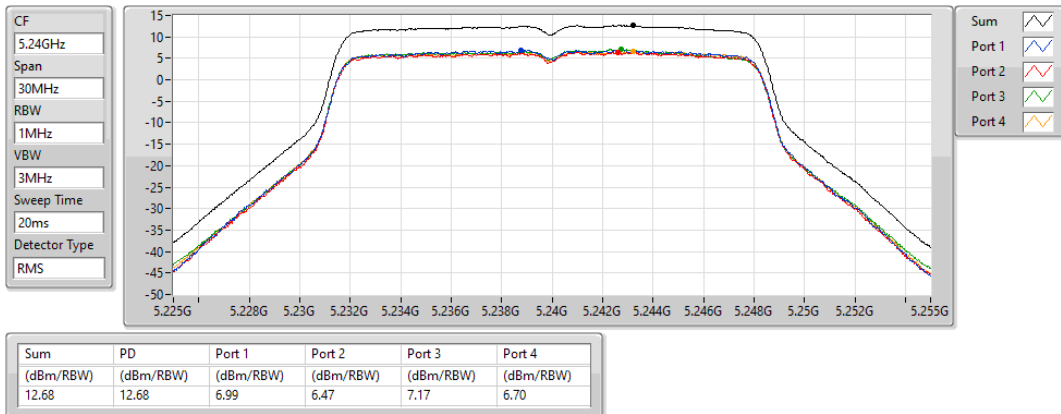


802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

31/07/2023

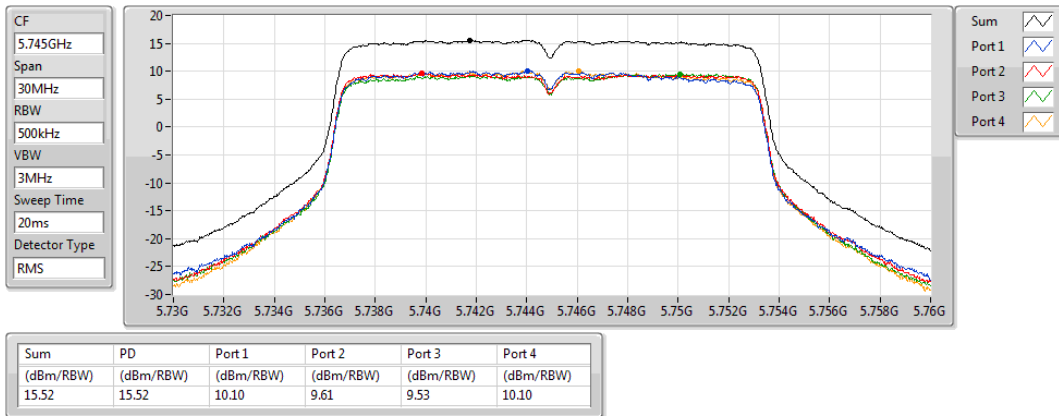


802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

20/07/2019

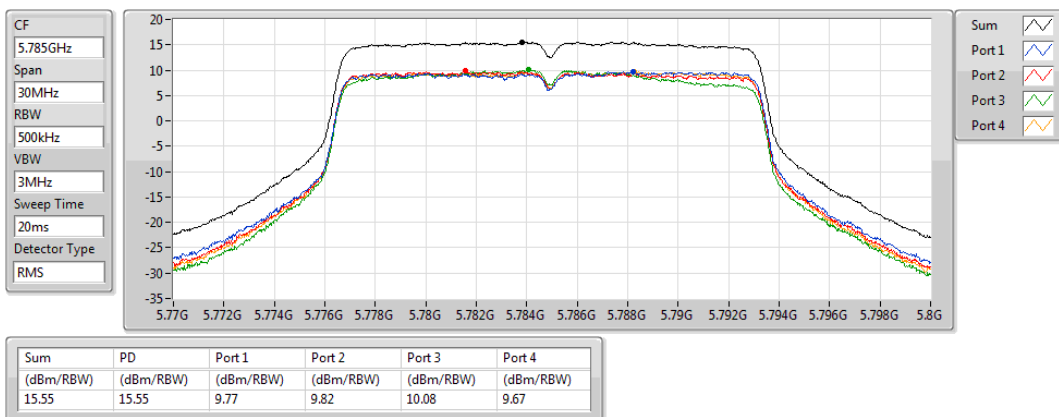


802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

20/07/2019

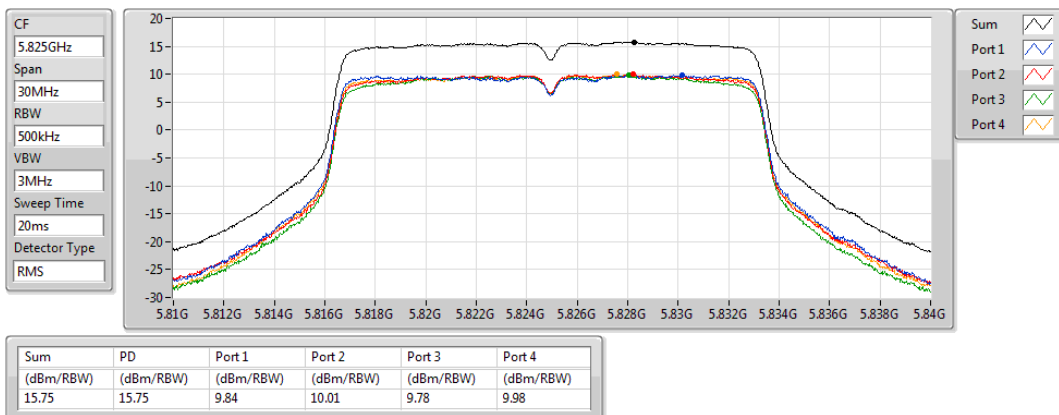


802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

20/07/2019

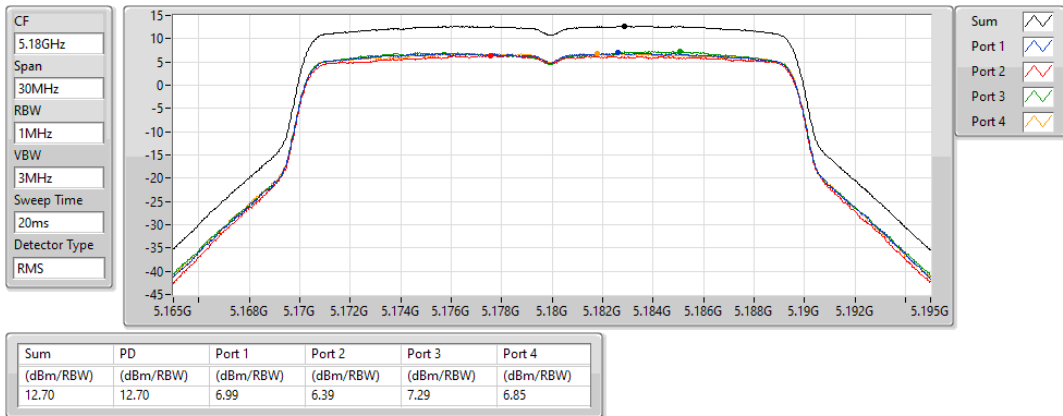


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

31/07/2023

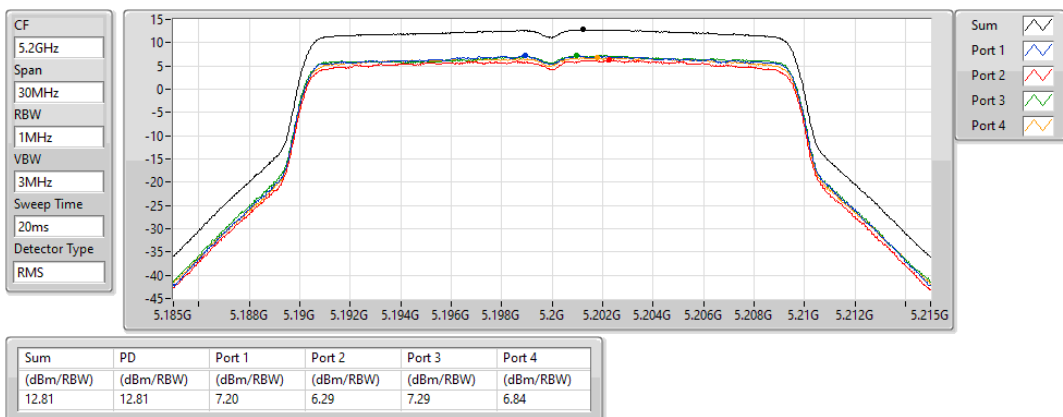


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

31/07/2023

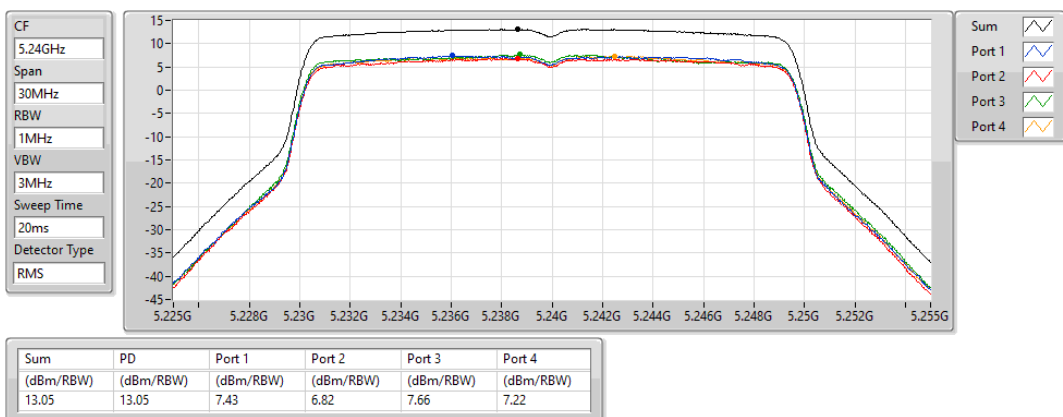


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

31/07/2023

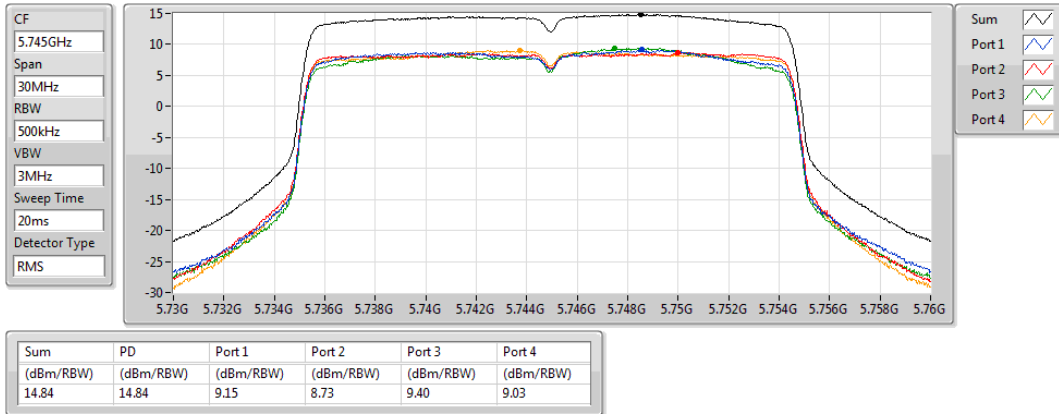


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

20/07/2019

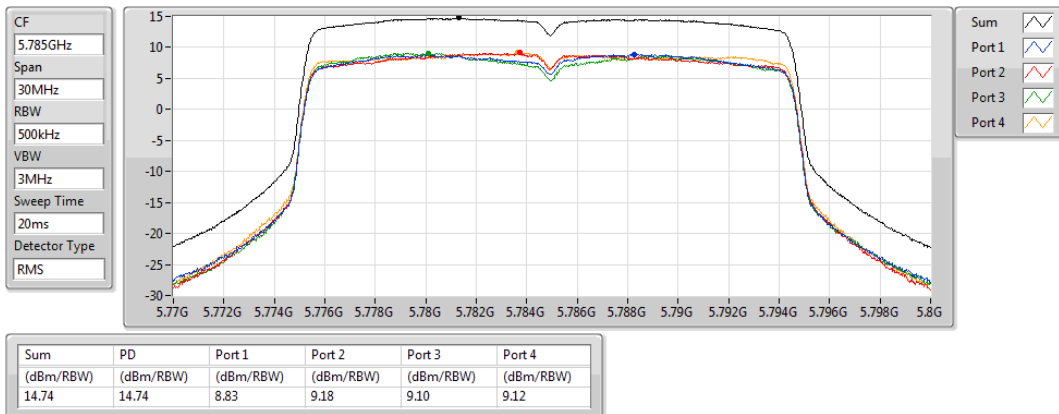


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

20/07/2019

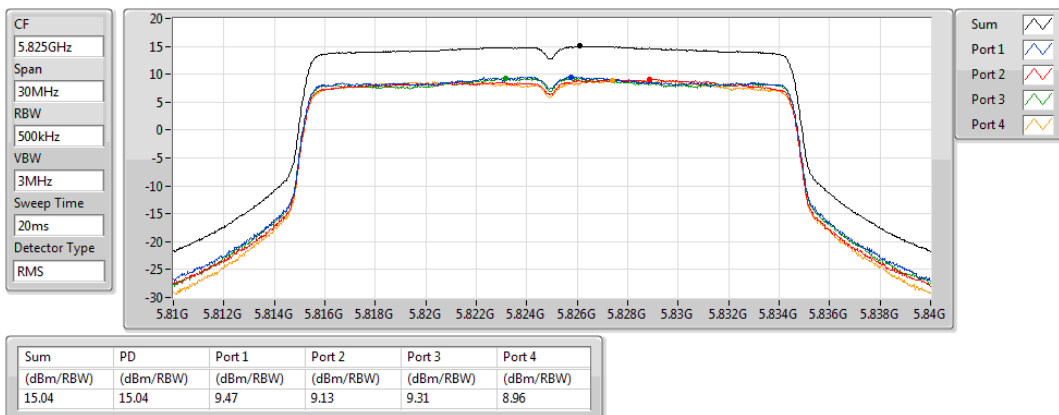


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

20/07/2019

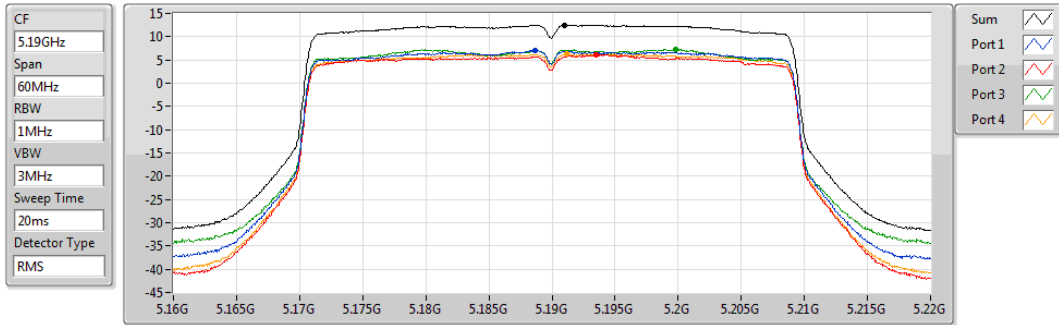


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

20/07/2019



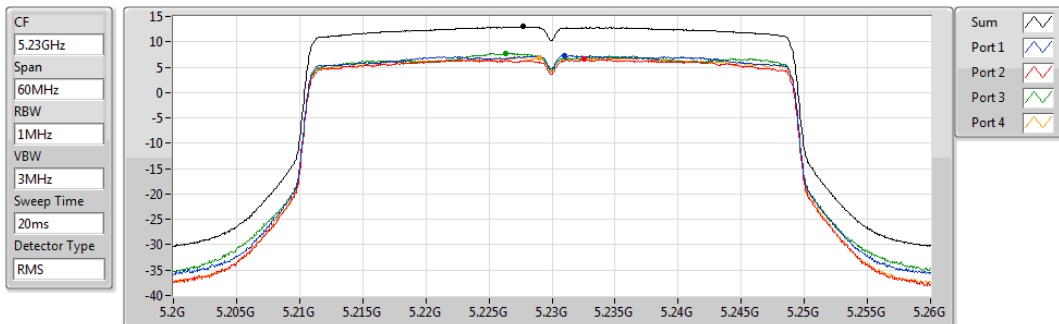
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.53	12.53	6.97	6.10	7.28	6.31

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

20/07/2019



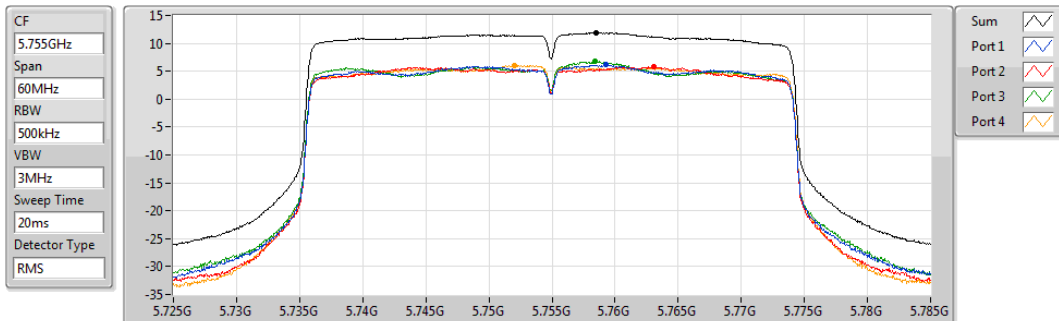
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.97	12.97	7.31	6.54	7.73	6.90

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

20/07/2019



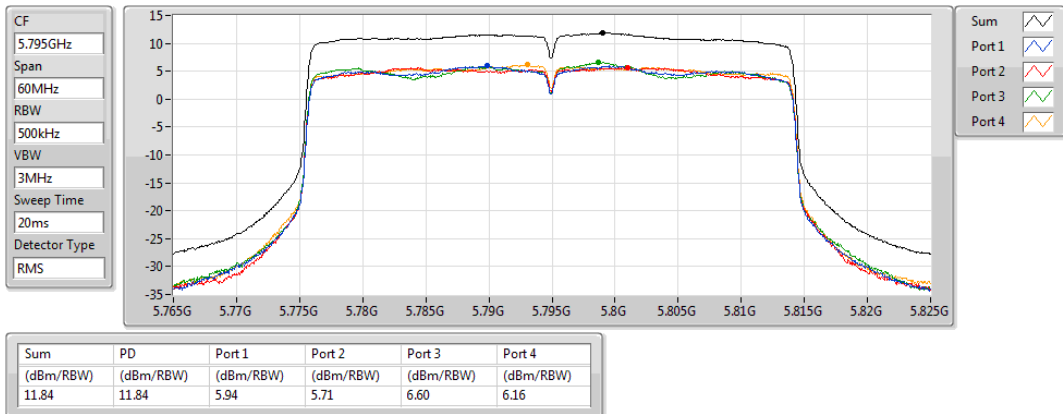
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.90	11.90	6.17	5.80	6.78	6.04

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

20/07/2019

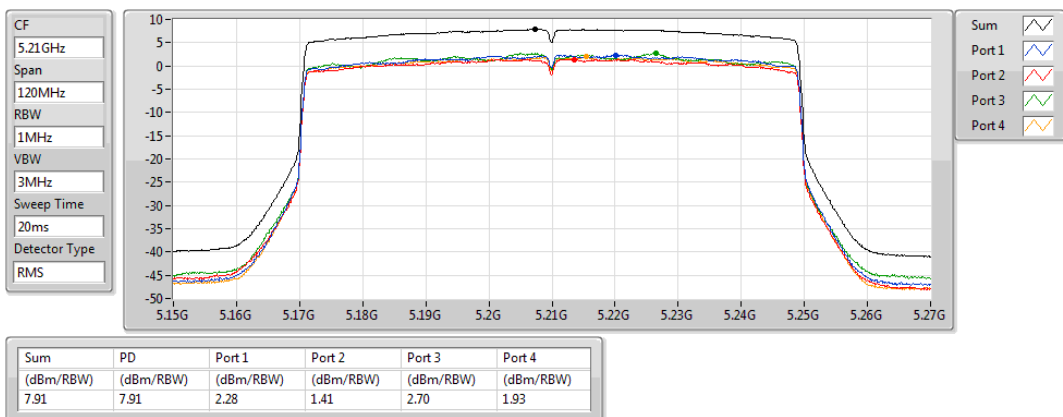


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

20/07/2019

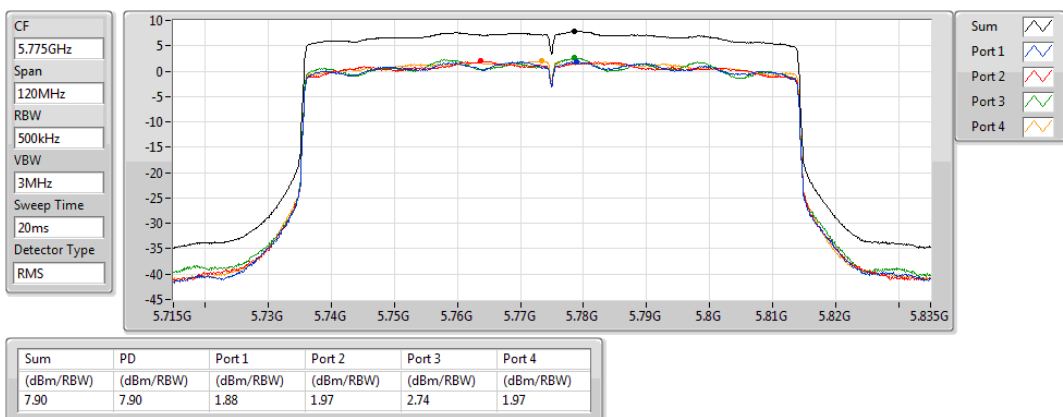


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

20/07/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.18
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	9.43
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	6.36
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.02
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.34
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.14

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.85	6.46	5.50	6.92	5.98	12.13	13.15
5200MHz	Pass	9.85	6.59	5.38	7.07	6.06	12.18	13.15
5240MHz	Pass	9.85	6.29	5.50	6.81	6.10	12.05	13.15
5745MHz	Pass	9.85	4.49	3.75	4.40	3.93	9.93	26.15
5785MHz	Pass	9.85	4.43	3.71	4.05	4.02	9.61	26.15
5825MHz	Pass	9.85	4.81	3.84	4.54	3.91	10.02	26.15
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.85	3.69	2.87	4.37	3.29	9.43	13.15
5230MHz	Pass	9.85	3.67	2.62	4.18	3.23	9.22	13.15
5755MHz	Pass	9.85	1.73	1.18	2.03	1.49	7.33	26.15
5795MHz	Pass	9.85	1.65	1.28	1.98	1.49	7.34	26.15
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.85	0.78	-0.50	1.12	0.18	6.36	13.15
5775MHz	Pass	9.85	-1.43	-1.77	-1.28	-1.74	4.14	26.15

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

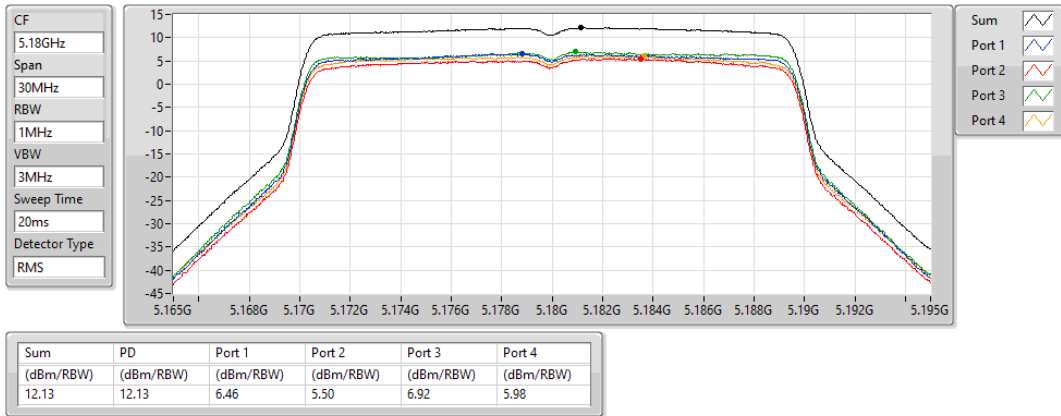
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

31/07/2023

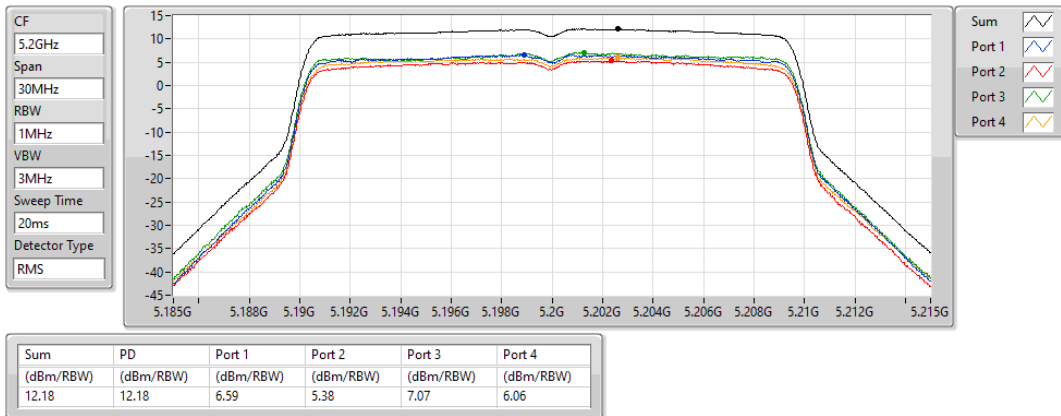


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

31/07/2023

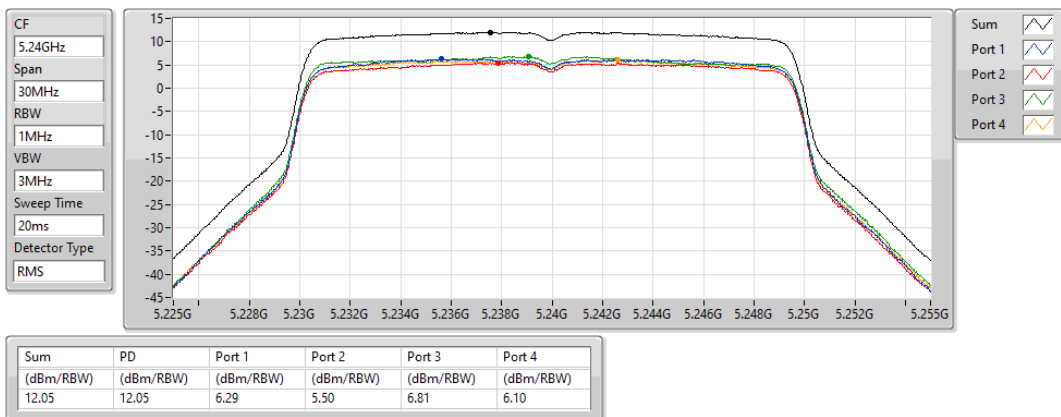


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

31/07/2023

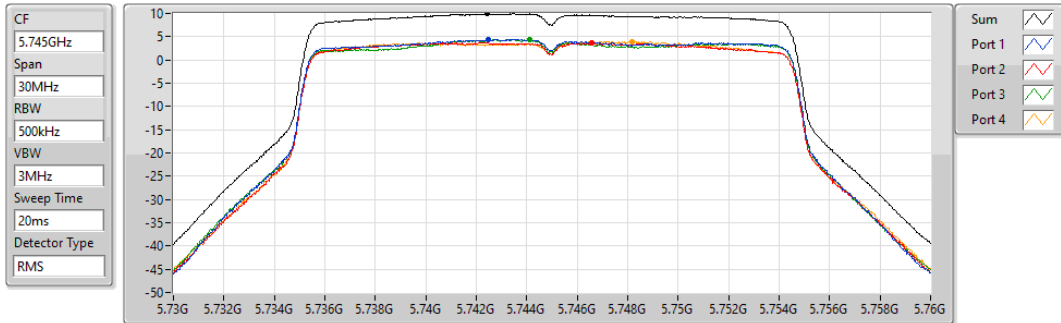


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

31/07/2023



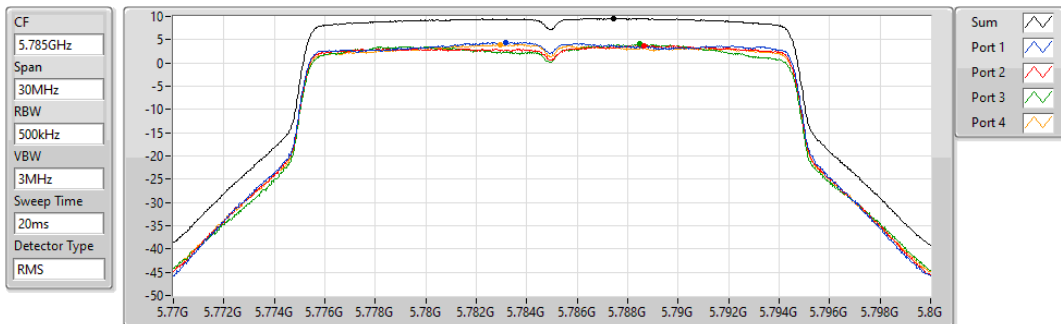
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.93	9.93	4.49	3.75	4.40	3.93

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

31/07/2023



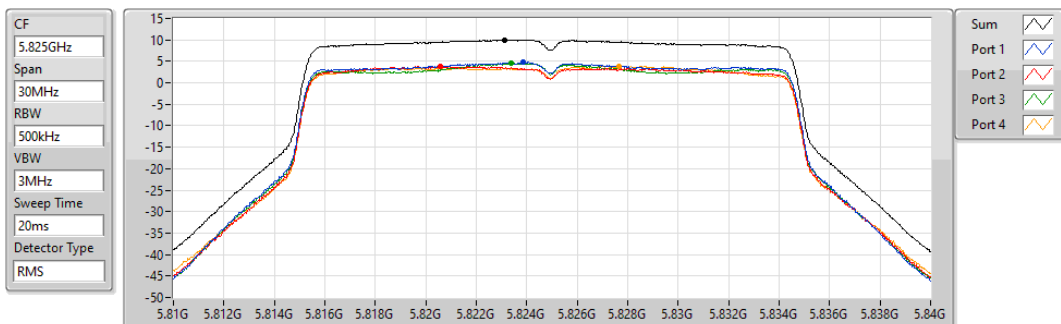
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.61	9.61	4.43	3.71	4.05	4.02

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

31/07/2023



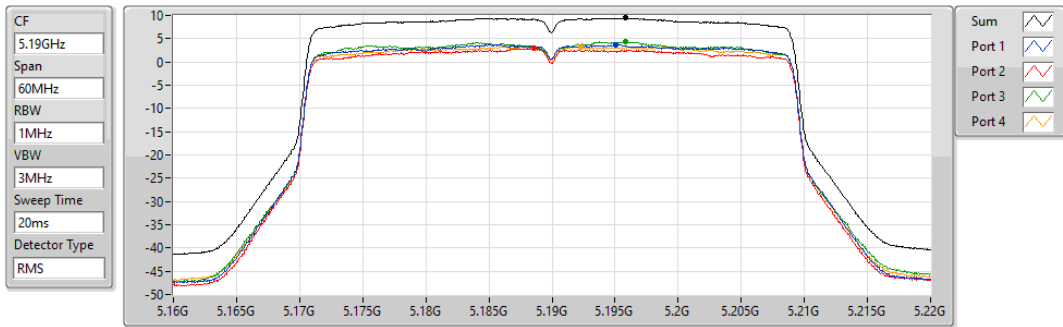
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.02	10.02	4.81	3.84	4.54	3.91

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

31/07/2023

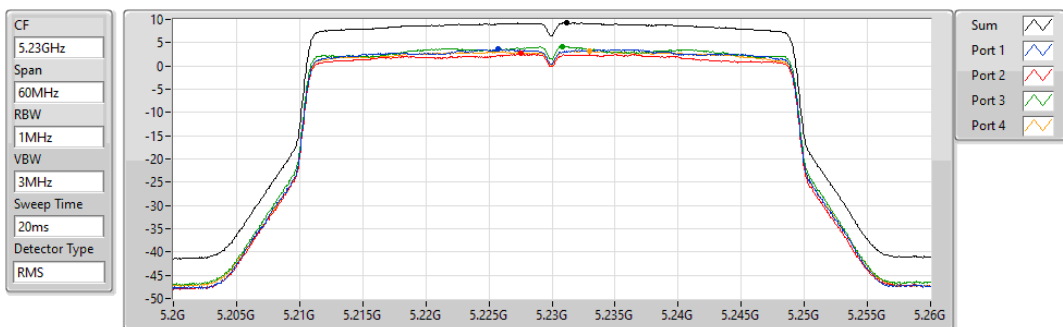


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

31/07/2023

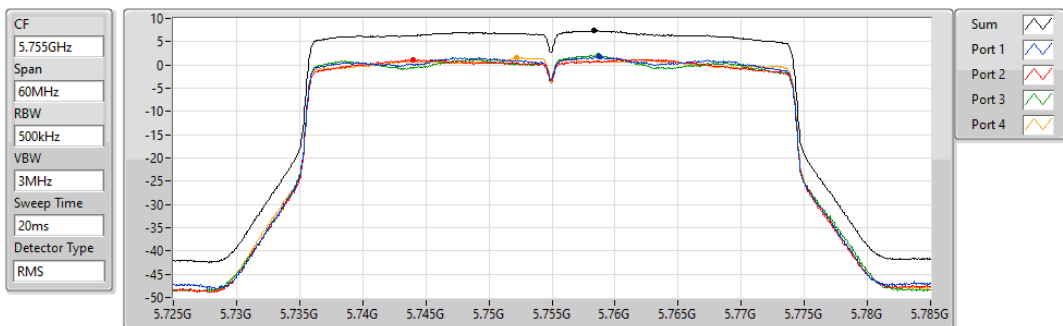


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

31/07/2023

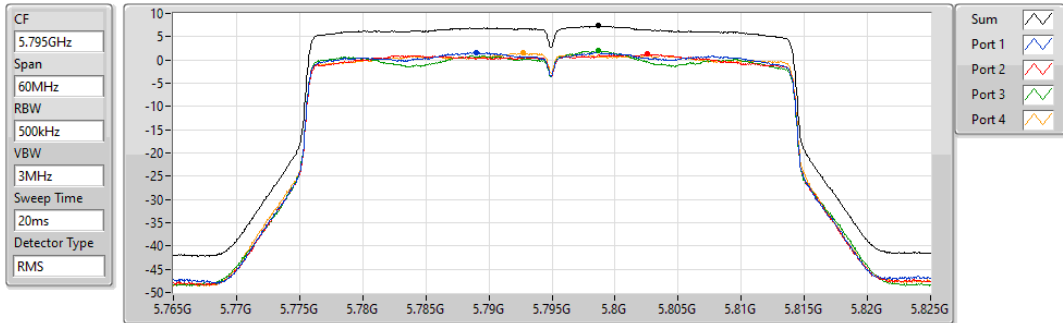


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

31/07/2023



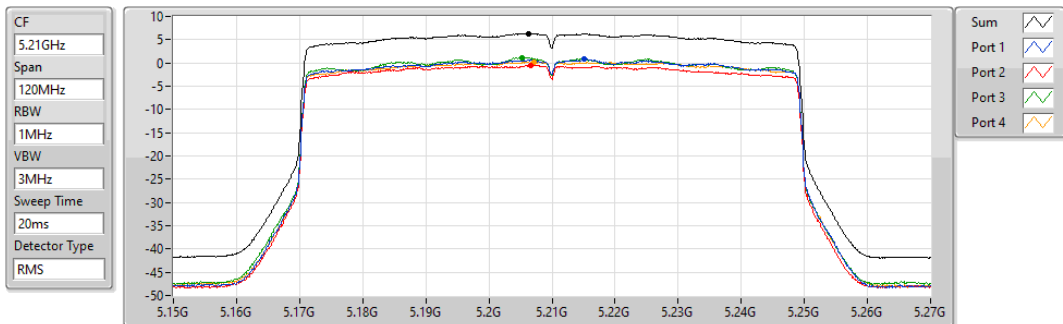
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.34	7.34	1.65	1.28	1.98	1.49

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

31/07/2023



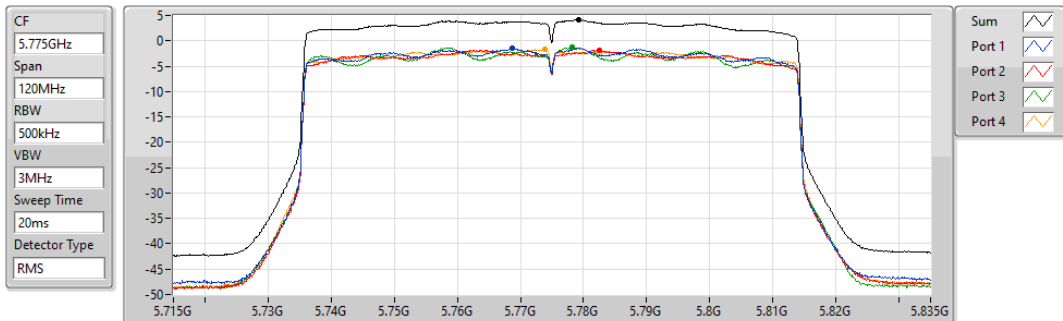
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.36	6.36	0.78	-0.50	1.12	0.18

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

31/07/2023



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.14	4.14	-1.43	-1.77	-1.28	-1.74

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	14.61
802.11ax HEW20_Nss1,(MCS0)_1TX	13.62
802.11ax HEW40_Nss1,(MCS0)_1TX	10.94
802.11ax HEW80_Nss1,(MCS0)_1TX	4.03
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	12.06
802.11ax HEW20_Nss1,(MCS0)_1TX	11.24
802.11ax HEW40_Nss1,(MCS0)_1TX	9.49
802.11ax HEW80_Nss1,(MCS0)_1TX	3.96

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	2.17	13.55	13.55	17.00
5200MHz	Pass	2.17	14.57	14.57	17.00
5240MHz	Pass	2.17	14.61	14.61	17.00
5745MHz	Pass	2.17	11.95	11.95	30.00
5785MHz	Pass	2.17	11.91	11.91	30.00
5825MHz	Pass	2.17	12.06	12.06	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	2.17	12.74	12.74	17.00
5200MHz	Pass	2.17	13.60	13.60	17.00
5240MHz	Pass	2.17	13.62	13.62	17.00
5745MHz	Pass	2.17	11.24	11.24	30.00
5785MHz	Pass	2.17	11.05	11.05	30.00
5825MHz	Pass	2.17	11.20	11.20	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	2.17	7.63	7.63	17.00
5230MHz	Pass	2.17	10.94	10.94	17.00
5755MHz	Pass	2.17	9.15	9.15	30.00
5795MHz	Pass	2.17	9.49	9.49	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	2.17	4.03	4.03	17.00
5775MHz	Pass	2.17	3.96	3.96	30.00

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

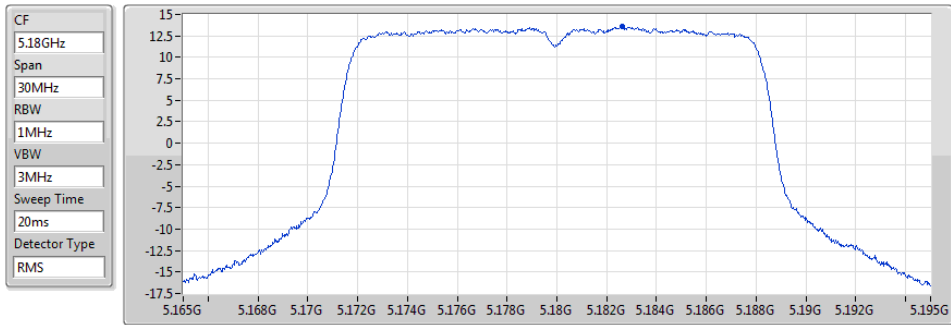
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

20/07/2019



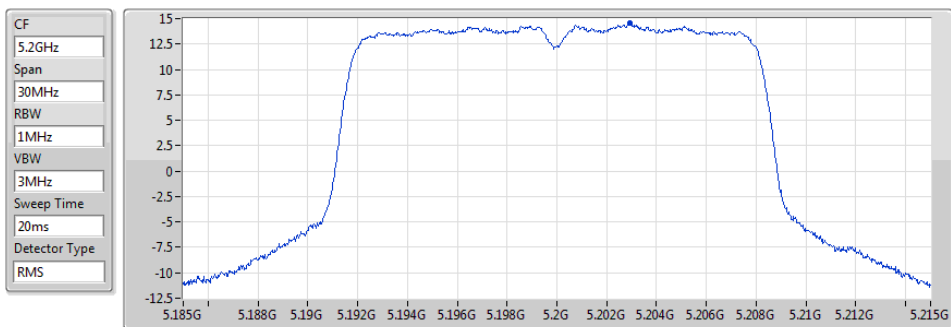
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.55	13.55	13.55

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

20/07/2019



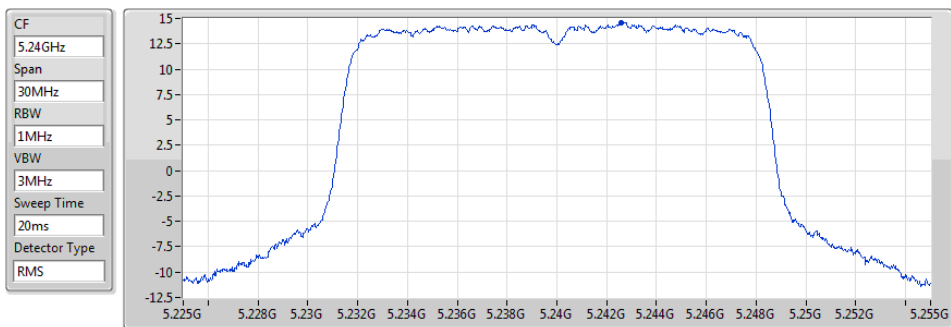
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.57	14.57	14.57

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

20/07/2019



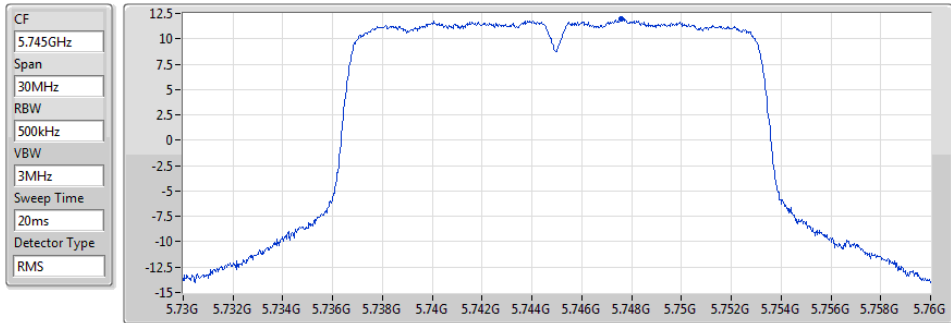
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.61	14.61	14.61

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

20/07/2019



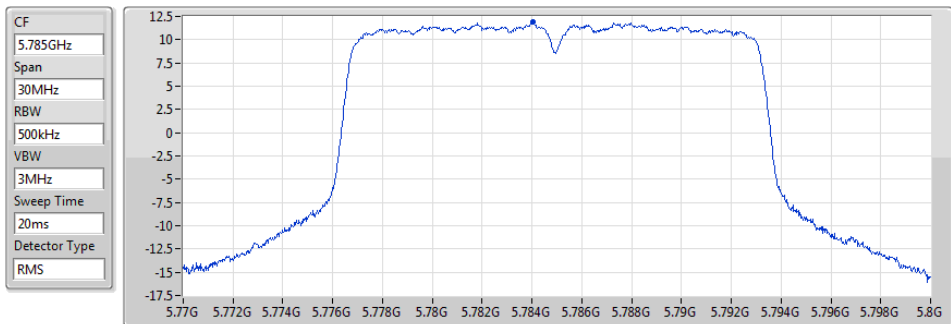
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.95	11.95	11.95

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

20/07/2019



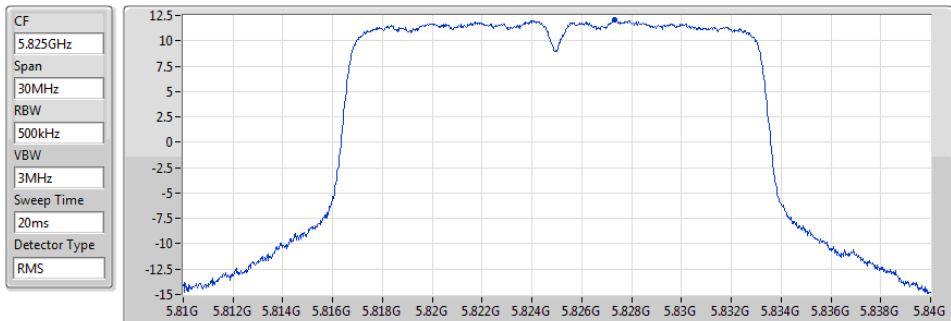
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.91	11.91	11.91

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

20/07/2019



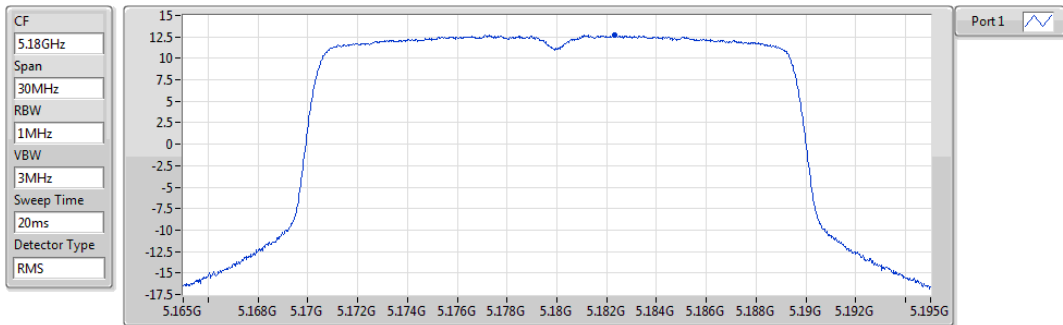
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.06	12.06	12.06

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

20/07/2019



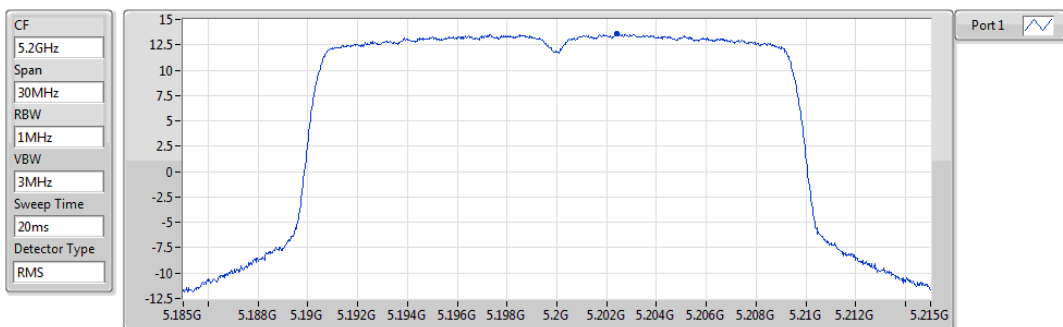
Sum	PD	Port 1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
12.74	12.74	12.74

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

20/07/2019



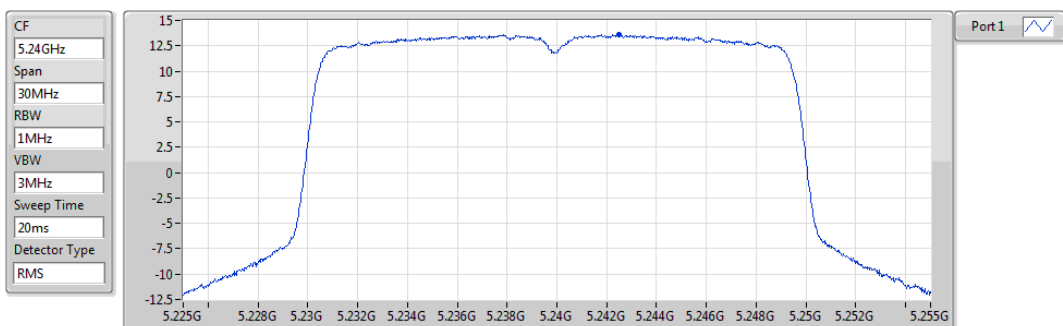
Sum	PD	Port 1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
13.60	13.60	13.60

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

20/07/2019



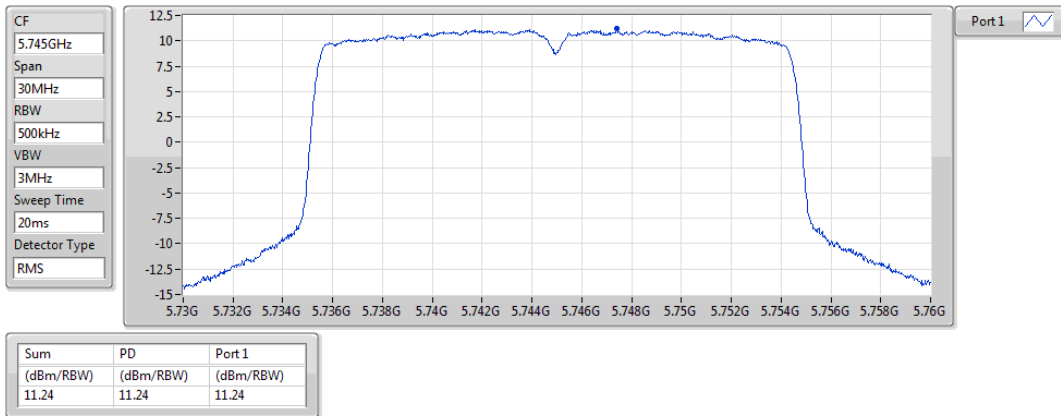
Sum	PD	Port 1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
13.62	13.62	13.62

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5745MHz

20/07/2019

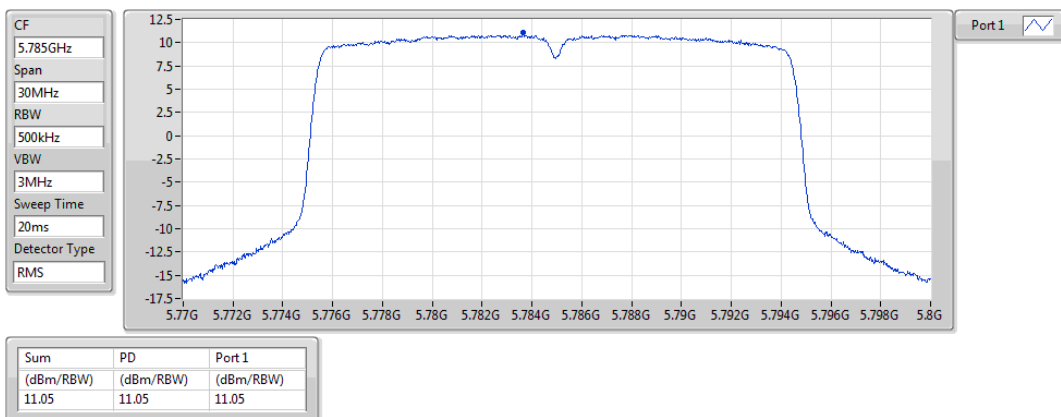


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

20/07/2019

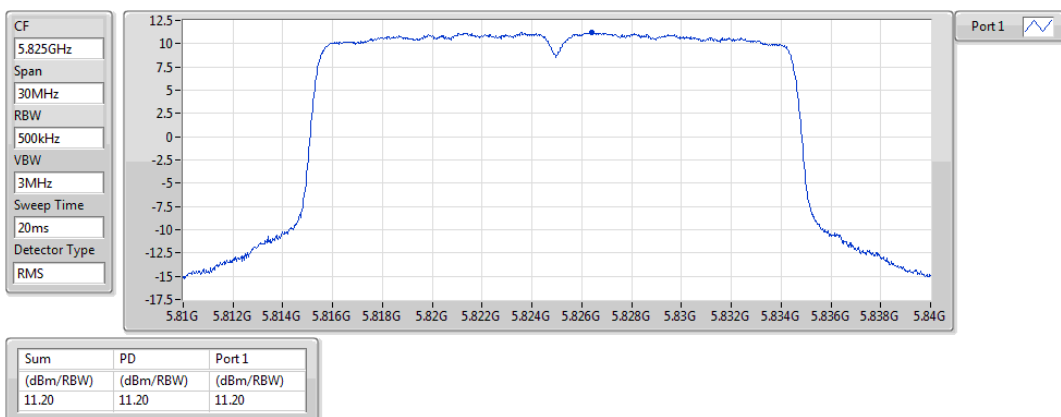


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

20/07/2019



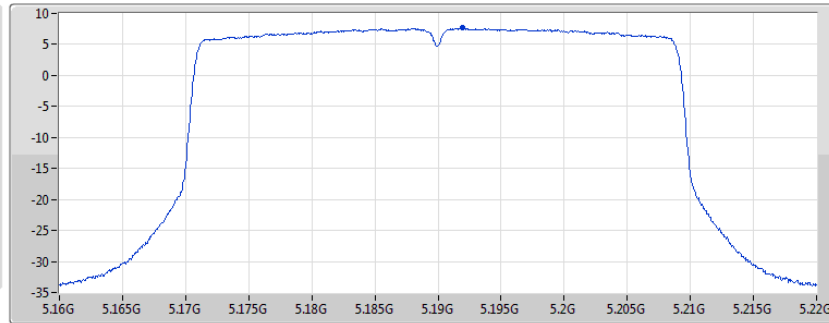
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

20/07/2019

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



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.63	7.63	7.63

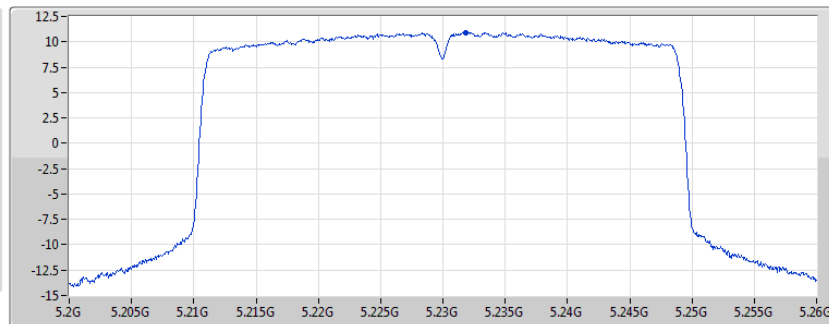
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

20/07/2019

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



Port 1

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

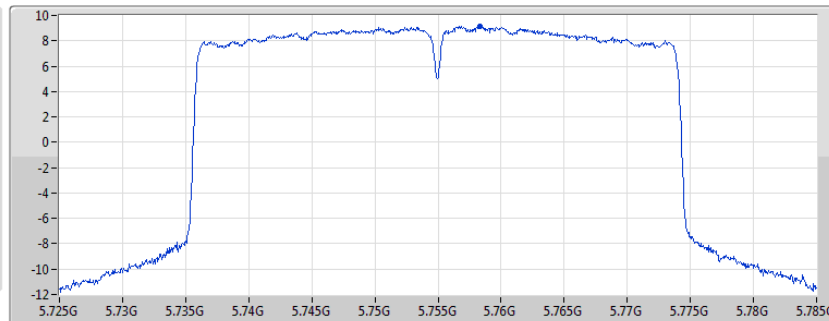
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5755MHz

20/07/2019

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



Port 1

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

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

20/07/2019



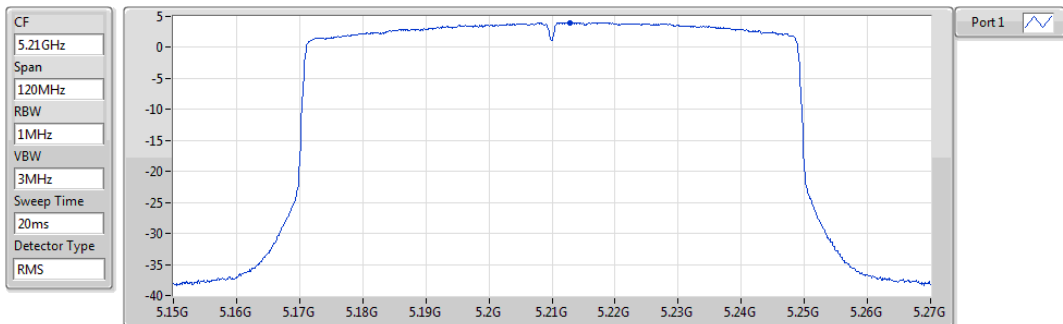
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
9.49	9.49	9.49

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

20/07/2019



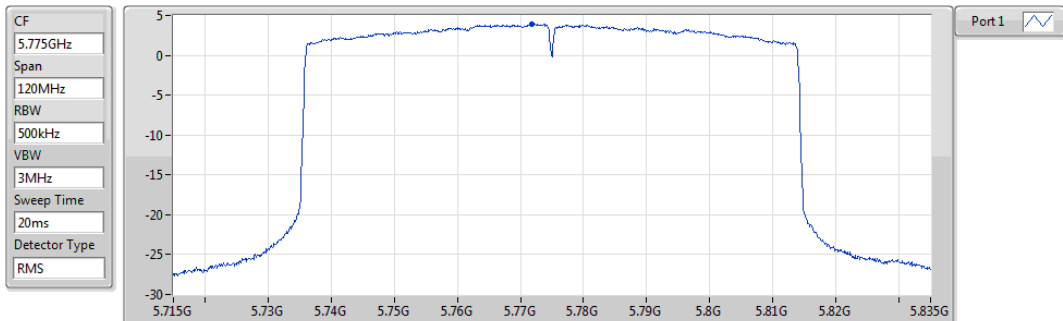
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.03	4.03	4.03

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

20/07/2019



Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.96	3.96	3.96

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	16.81
802.11ax HEW20_Nss1,(MCS0)_2TX	15.80
802.11ax HEW40_Nss1,(MCS0)_2TX	12.65
802.11ax HEW80_Nss1,(MCS0)_2TX	5.73
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.40
802.11ax HEW20_Nss1,(MCS0)_2TX	13.52
802.11ax HEW40_Nss1,(MCS0)_2TX	12.06
802.11ax HEW80_Nss1,(MCS0)_2TX	6.34

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)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.63	11.84	10.96	14.42	17.00
5200MHz	Pass	5.63	14.65	12.63	16.72	17.00
5240MHz	Pass	5.63	14.67	12.83	16.81	17.00
5745MHz	Pass	5.63	12.17	10.67	14.40	30.00
5785MHz	Pass	5.63	12.00	10.55	14.21	30.00
5825MHz	Pass	5.63	12.10	10.85	14.31	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.63	10.92	10.17	13.48	17.00
5200MHz	Pass	5.63	13.59	11.57	15.66	17.00
5240MHz	Pass	5.63	13.67	11.78	15.80	17.00
5745MHz	Pass	5.63	11.15	9.77	13.36	30.00
5785MHz	Pass	5.63	10.95	9.69	13.21	30.00
5825MHz	Pass	5.63	11.33	9.98	13.52	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.63	7.18	6.53	9.76	17.00
5230MHz	Pass	5.63	10.15	9.23	12.65	17.00
5755MHz	Pass	5.63	9.02	8.69	11.63	30.00
5795MHz	Pass	5.63	9.39	9.04	12.06	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.63	3.30	2.32	5.73	17.00
5775MHz	Pass	5.63	3.64	3.32	6.34	30.00

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

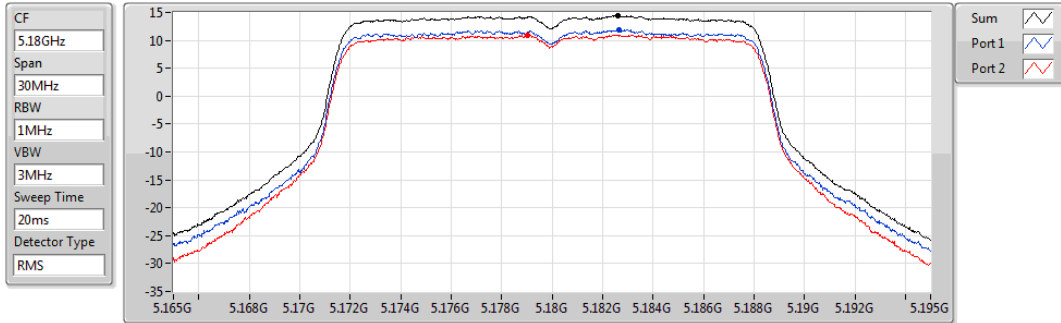
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

20/07/2019



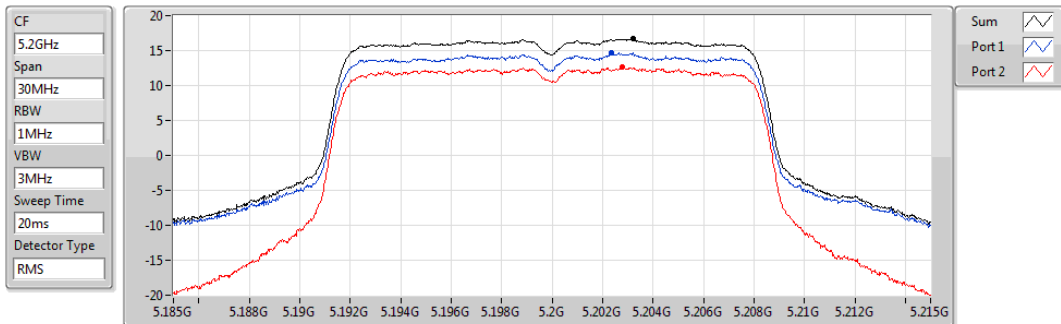
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.42	14.42	11.84	10.96

802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

20/07/2019



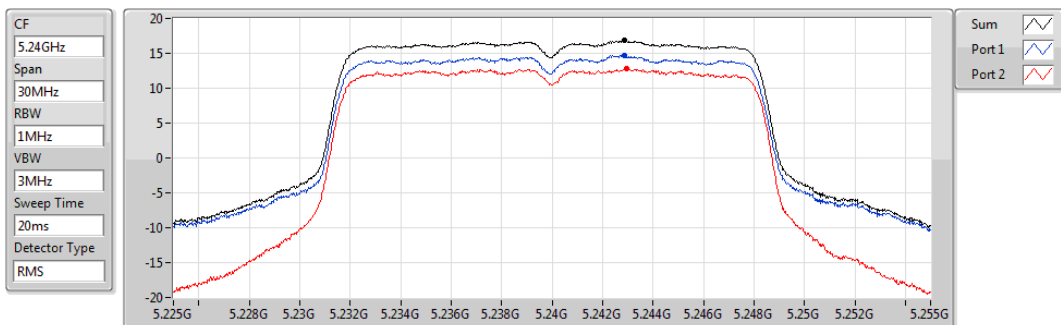
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.72	16.72	14.65	12.63

802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

20/07/2019



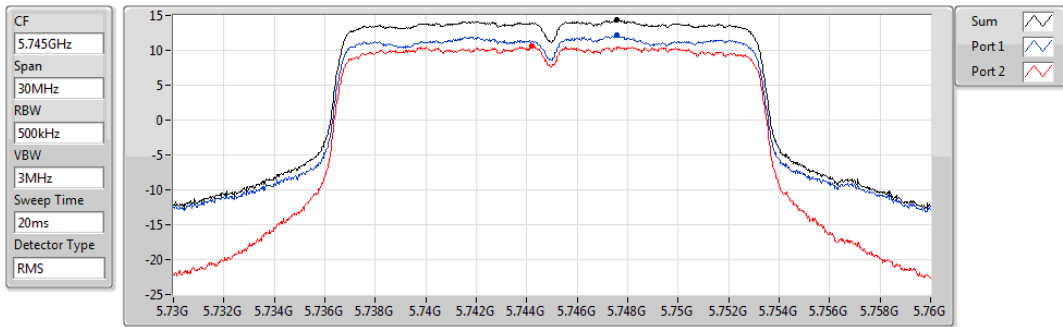
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
16.81	16.81	14.67	12.83

802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

20/07/2019

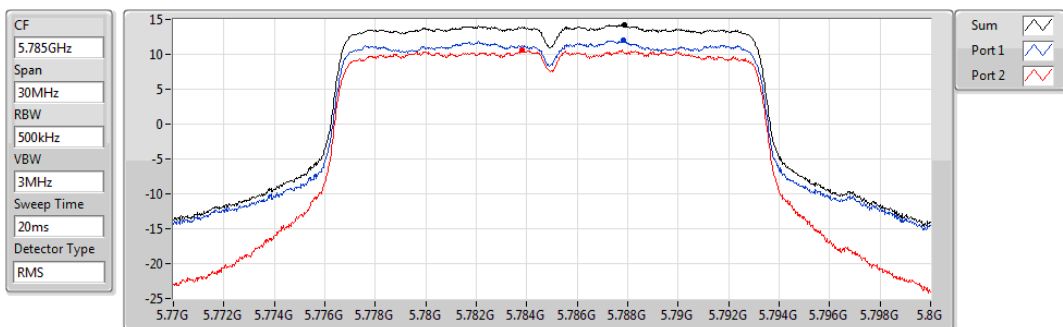


802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

20/07/2019

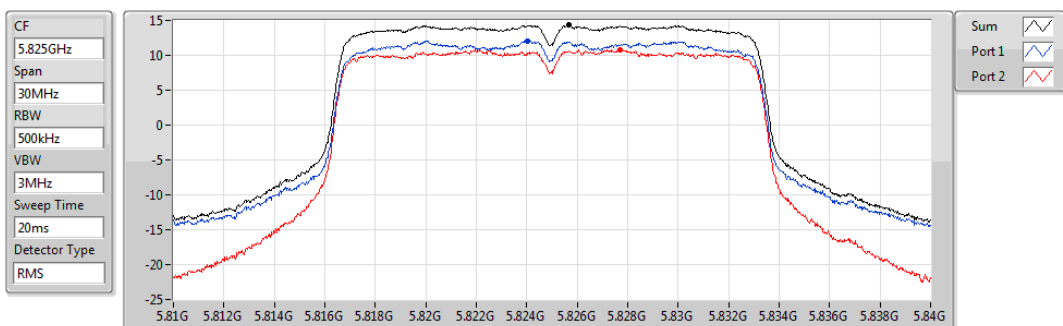


802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

20/07/2019

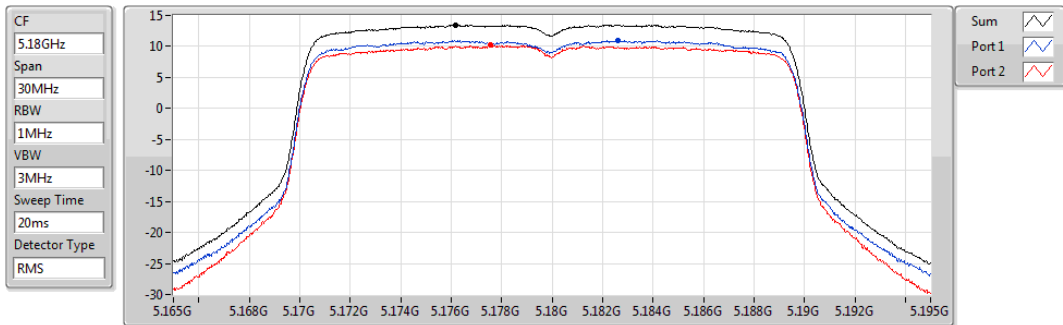


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

20/07/2019



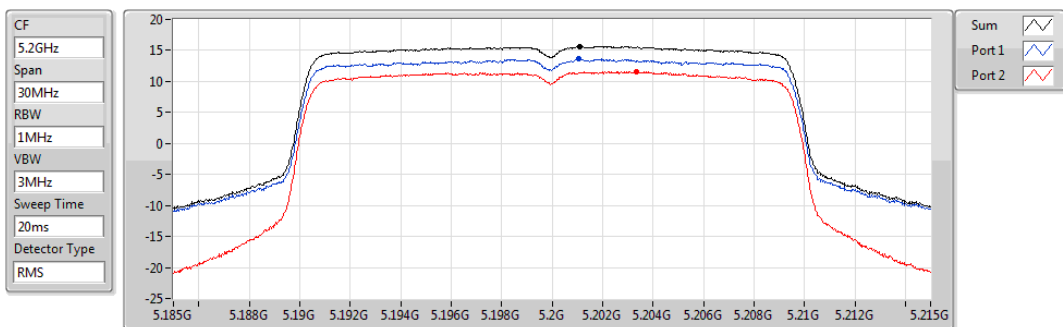
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.48	13.48	10.92	10.17

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

20/07/2019



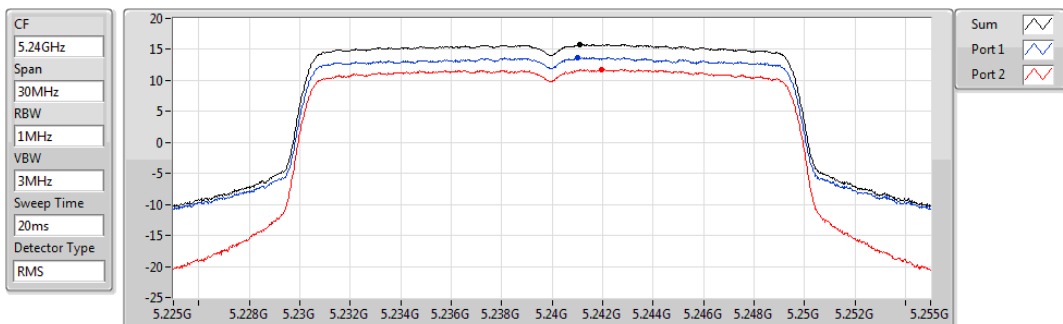
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
15.66	15.66	13.59	11.57

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

20/07/2019



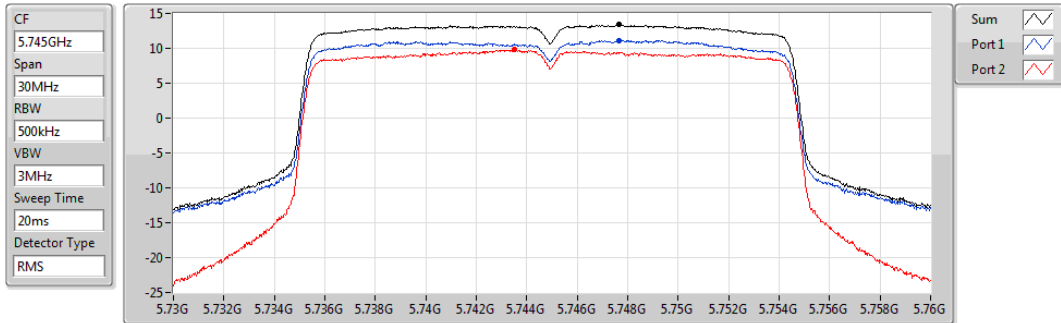
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
15.80	15.80	13.67	11.78

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

20/07/2019

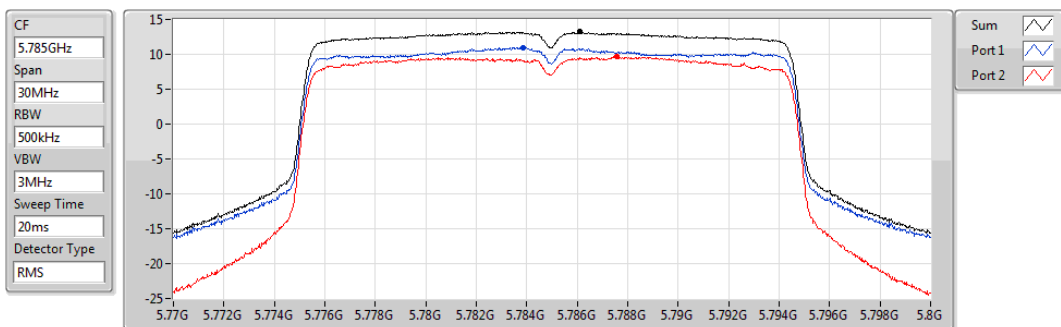


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

20/07/2019

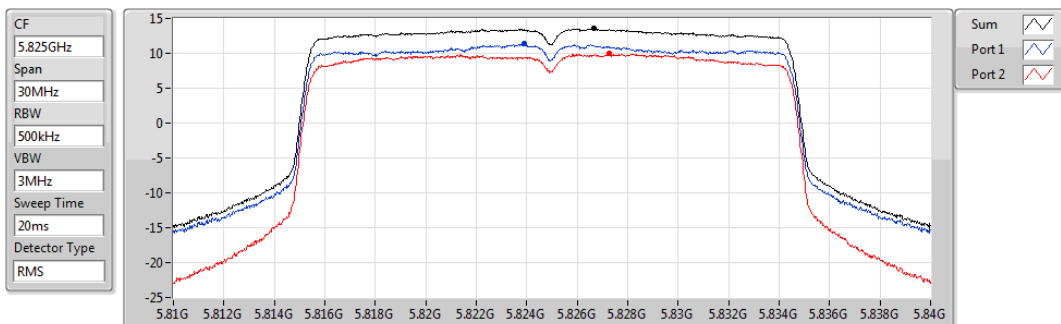


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

20/07/2019

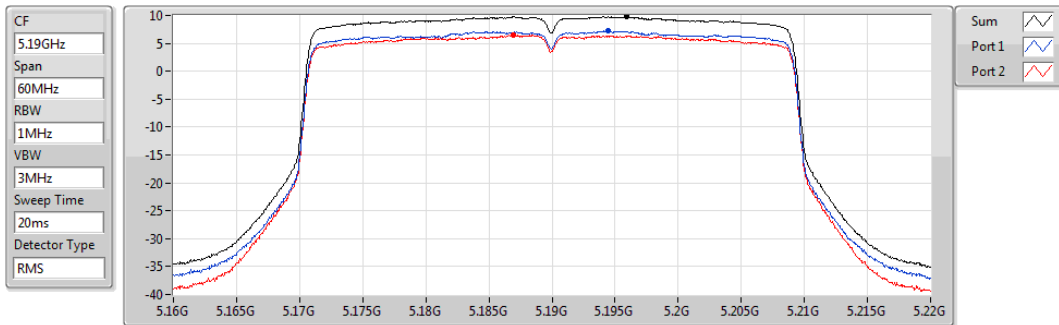


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

20/07/2019



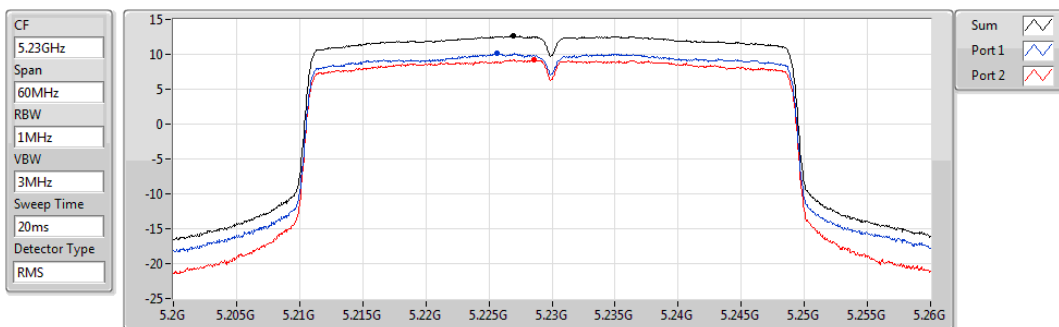
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.76	9.76	7.18	6.53

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

20/07/2019



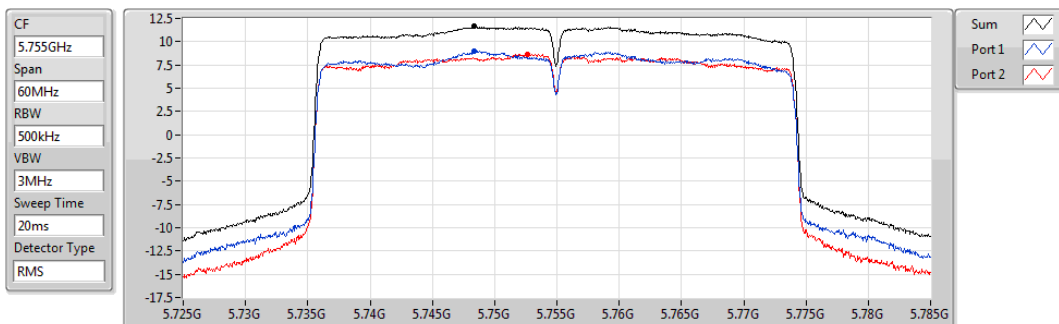
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.65	12.65	10.15	9.23

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

20/07/2019



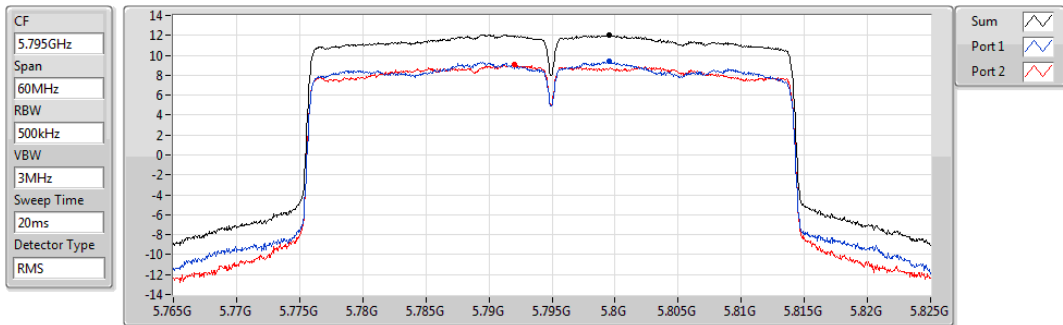
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.63	11.63	9.02	8.69

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

20/07/2019



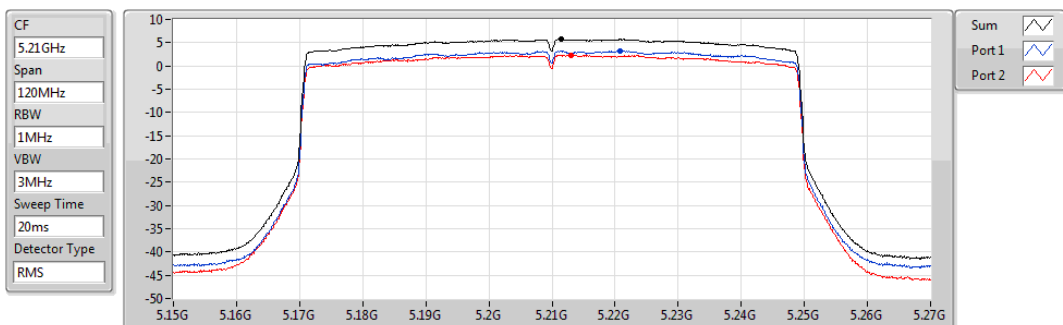
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.06	12.06	9.39	9.04

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

20/07/2019



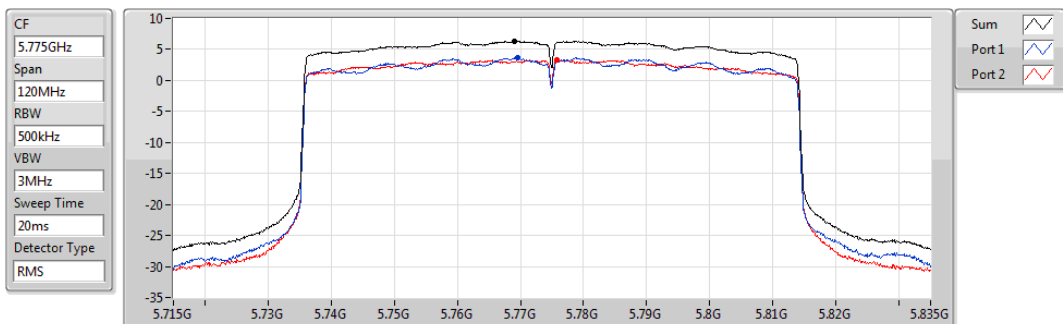
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.73	5.73	3.30	2.32

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

20/07/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.34	6.34	3.64	3.32

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.87
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.79
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	5.68
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.44
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	8.16
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	5.22

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)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.63	9.14	8.74	11.87	17.00
5200MHz	Pass	5.63	9.35	8.49	11.77	17.00
5240MHz	Pass	5.63	9.56	8.26	11.83	17.00
5745MHz	Pass	5.63	7.96	7.08	10.44	30.00
5785MHz	Pass	5.63	7.35	7.23	10.27	30.00
5825MHz	Pass	5.63	7.60	7.39	10.09	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.63	7.39	6.34	9.71	17.00
5230MHz	Pass	5.63	7.67	5.92	9.79	17.00
5755MHz	Pass	5.63	5.71	5.37	8.16	30.00
5795MHz	Pass	5.63	5.16	5.52	7.95	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.63	3.41	2.36	5.68	17.00
5775MHz	Pass	5.63	2.10	2.70	5.22	30.00

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

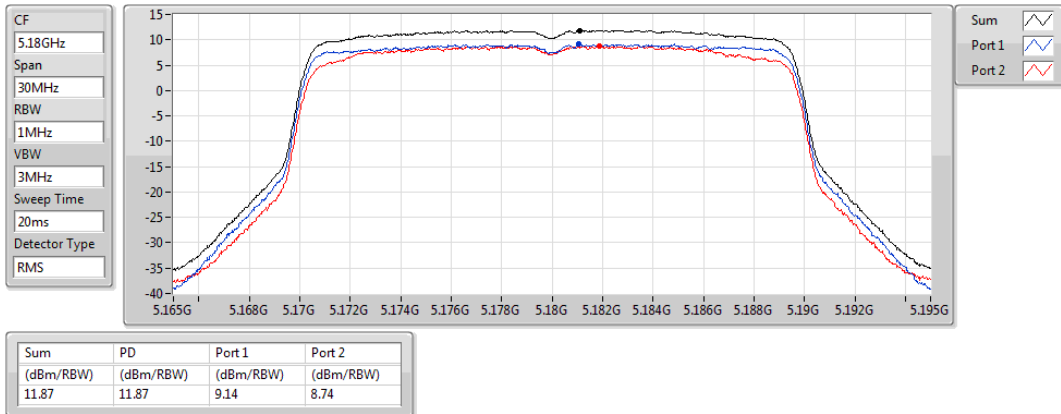
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

22/07/2019

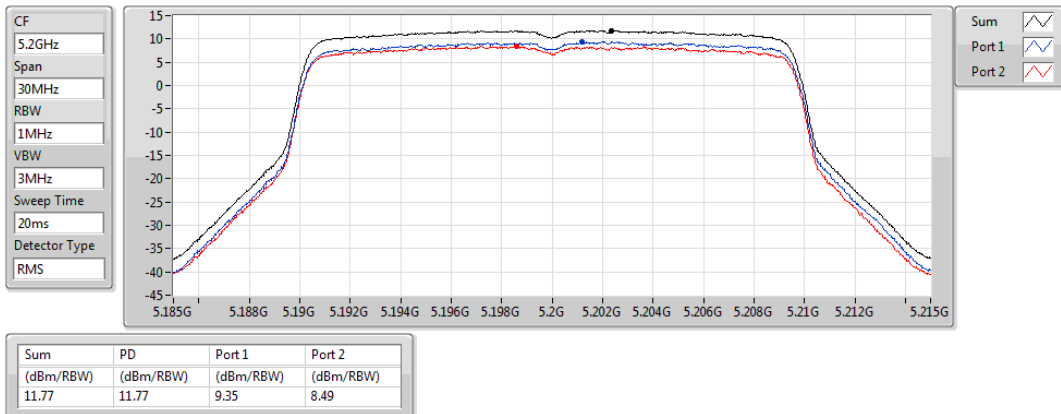


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

22/07/2019

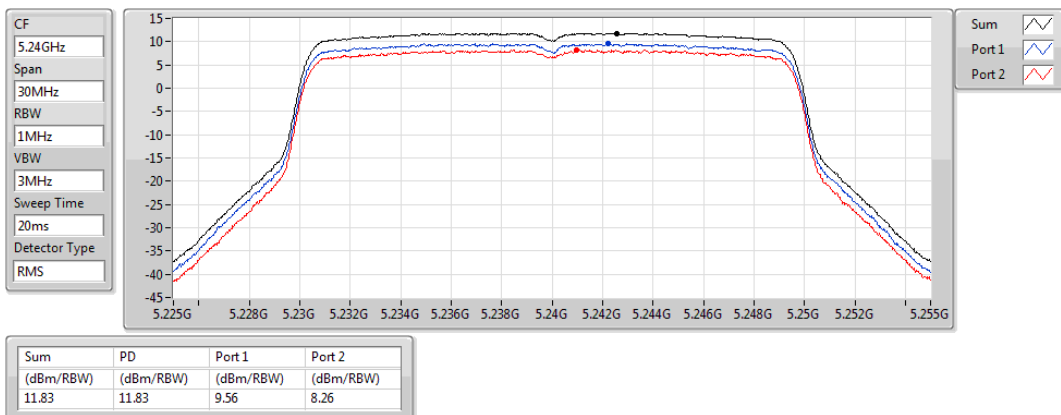


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

22/07/2019

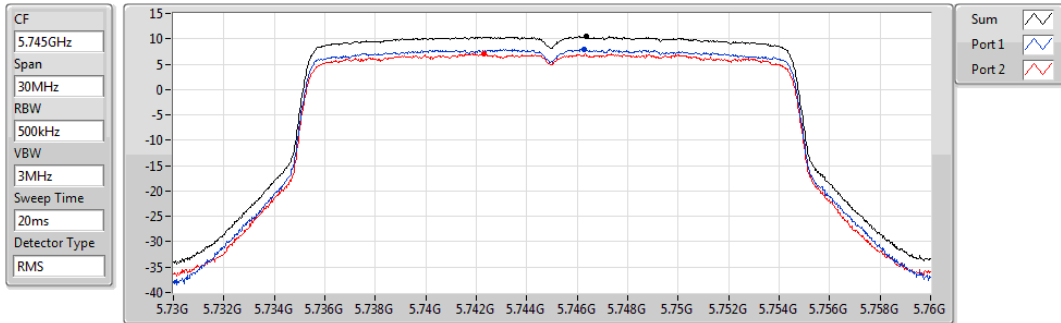


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

22/07/2019



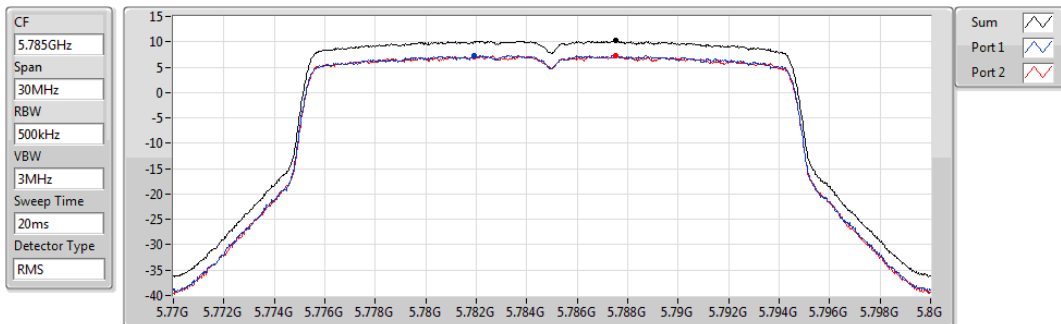
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.44	10.44	7.96	7.08

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

22/07/2019



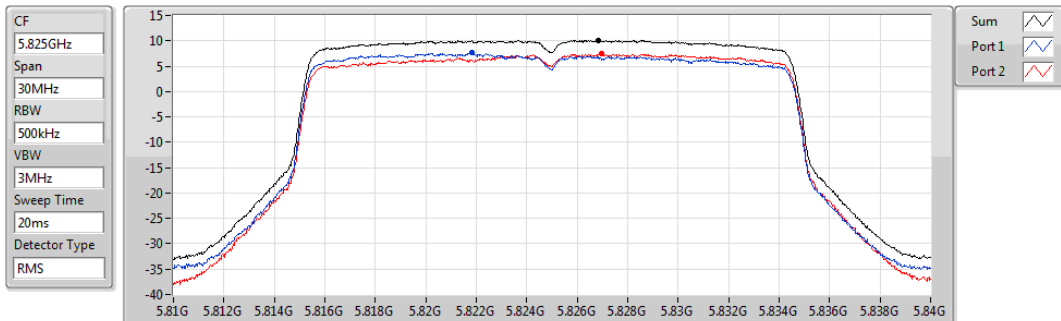
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.27	10.27	7.35	7.23

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

22/07/2019



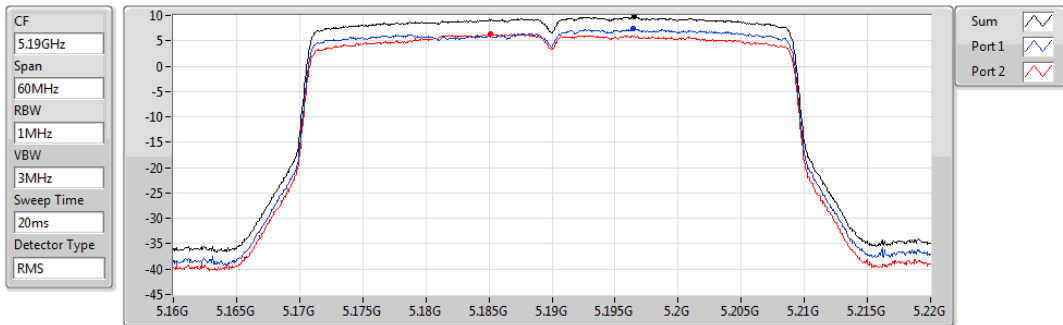
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.09	10.09	7.60	7.39

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

22/07/2019



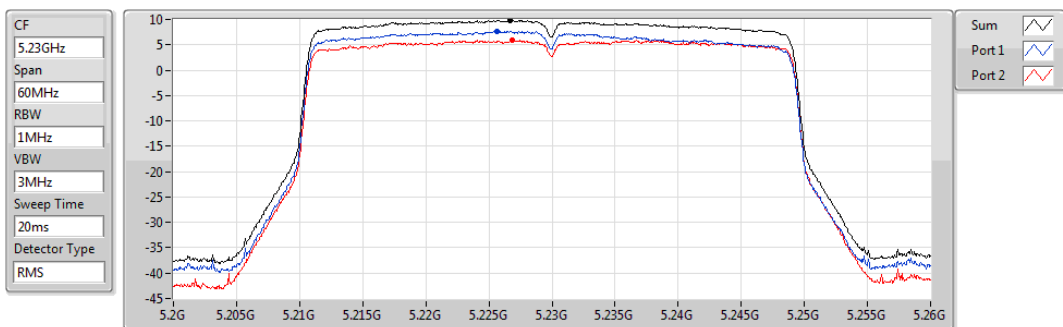
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.71	9.71	7.39	6.34

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

22/07/2019



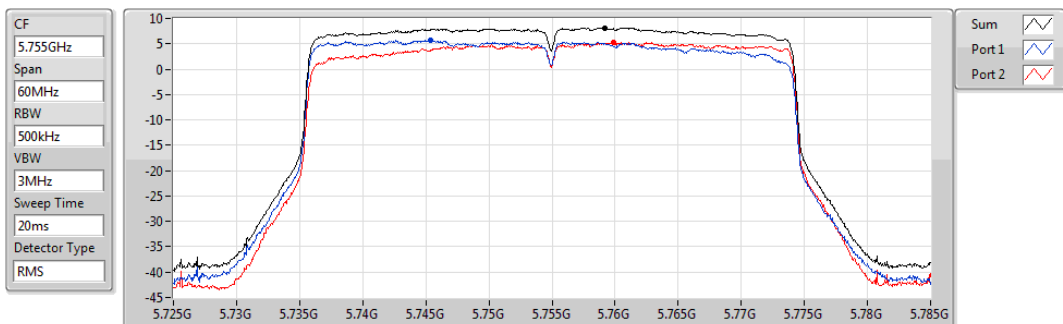
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.79	9.79	7.67	5.92

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

22/07/2019



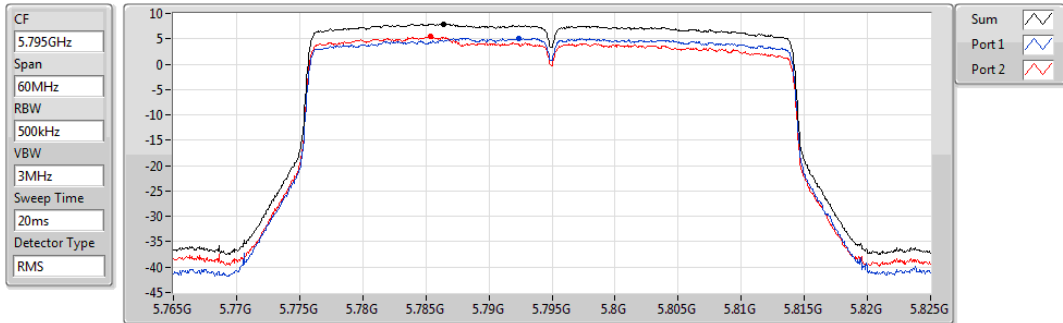
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.16	8.16	5.71	5.37

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

22/07/2019



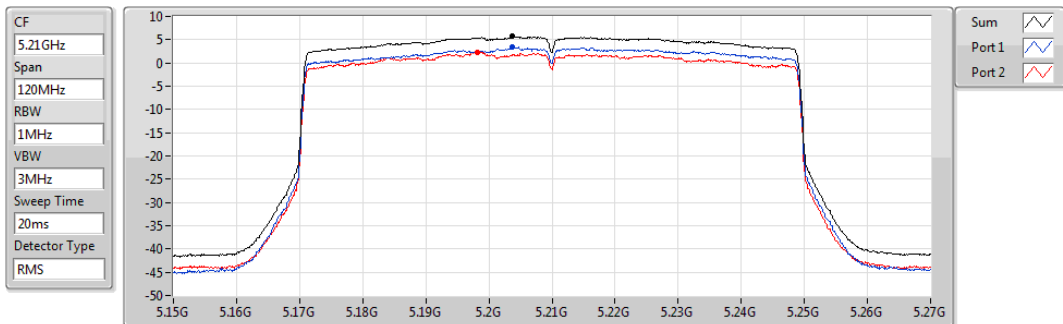
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.95	7.95	5.16	5.52

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

22/07/2019



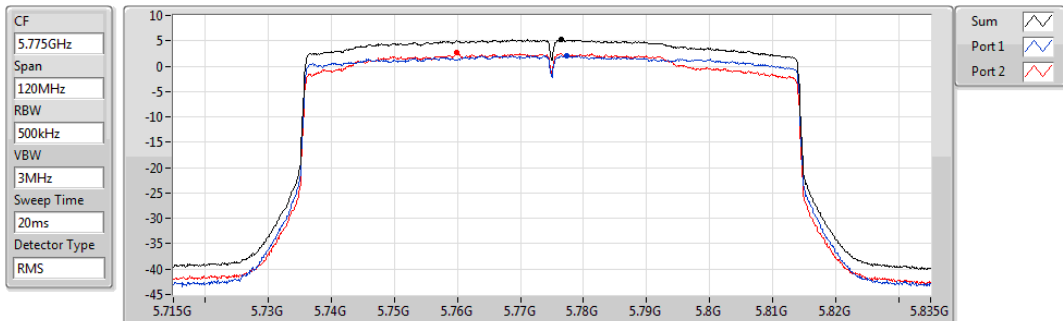
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.68	5.68	3.41	2.36

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

22/07/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.22	5.22	2.10	2.70

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	14.26
802.11ax HEW20_Nss1,(MCS0)_4TX	14.14
802.11ax HEW40_Nss1,(MCS0)_4TX	12.97
802.11ax HEW80_Nss1,(MCS0)_4TX	8.47
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.75
802.11ax HEW20_Nss1,(MCS0)_4TX	15.04
802.11ax HEW40_Nss1,(MCS0)_4TX	11.90
802.11ax HEW80_Nss1,(MCS0)_4TX	8.77

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.65	8.28	7.80	8.52	7.84	14.03	14.35
5200MHz	Pass	8.65	8.50	7.62	8.67	8.03	14.08	14.35
5240MHz	Pass	8.65	8.58	8.05	8.53	8.19	14.26	14.35
5745MHz	Pass	8.65	10.10	9.61	9.53	10.10	15.52	27.35
5785MHz	Pass	8.65	9.77	9.82	10.08	9.67	15.55	27.35
5825MHz	Pass	8.65	9.84	10.01	9.78	9.98	15.75	27.35
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.65	8.52	7.81	8.91	8.07	14.14	14.35
5200MHz	Pass	8.65	8.39	7.84	8.65	8.03	14.03	14.35
5240MHz	Pass	8.65	8.24	8.01	8.34	7.96	13.94	14.35
5745MHz	Pass	8.65	9.15	8.73	9.40	9.03	14.84	27.35
5785MHz	Pass	8.65	8.83	9.18	9.10	9.12	14.74	27.35
5825MHz	Pass	8.65	9.47	9.13	9.31	8.96	15.04	27.35
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.65	5.90	5.20	6.27	5.41	11.56	14.35
5230MHz	Pass	8.65	7.31	6.54	7.73	6.90	12.97	14.35
5755MHz	Pass	8.65	6.17	5.80	6.78	6.04	11.90	27.35
5795MHz	Pass	8.65	5.94	5.71	6.60	6.16	11.84	27.35
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.65	2.77	2.04	3.11	2.45	8.47	14.35
5775MHz	Pass	8.65	2.99	2.72	3.46	2.80	8.77	27.35

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

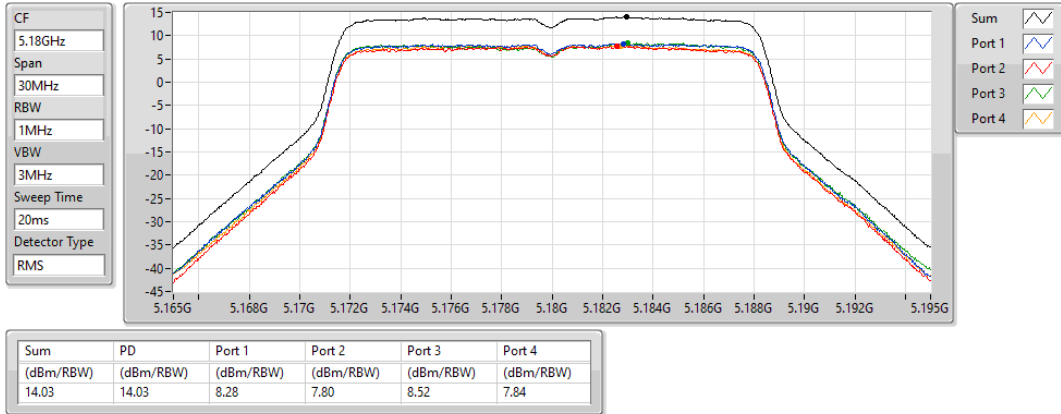
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

31/07/2023

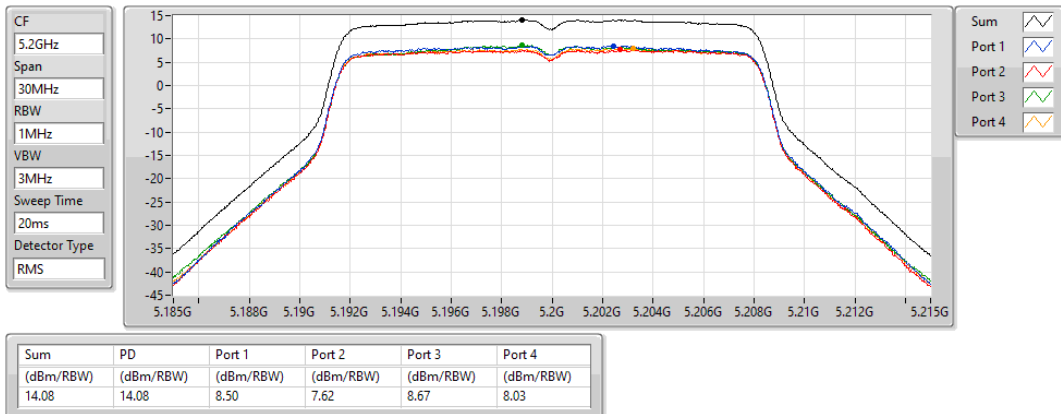


802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

31/07/2023

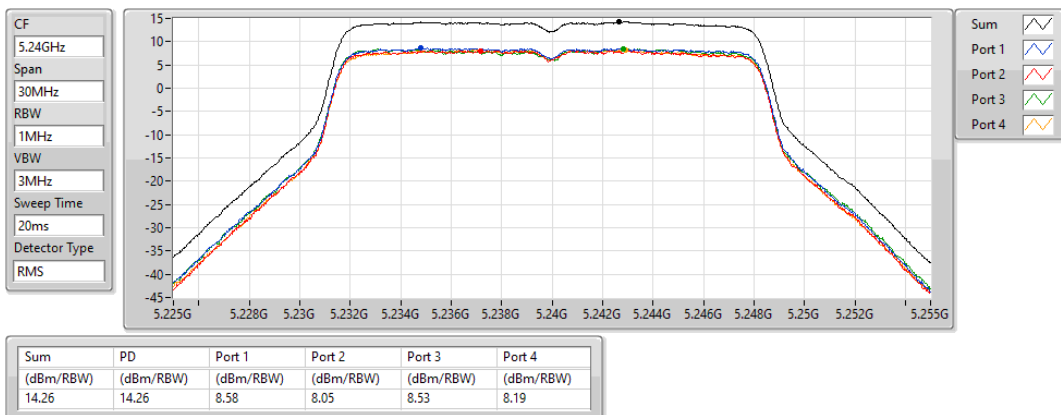


802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

31/07/2023

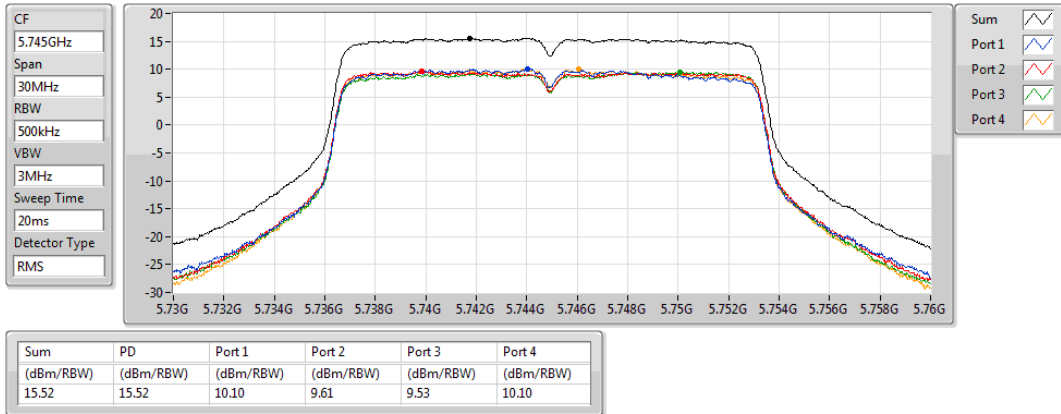


802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

20/07/2019

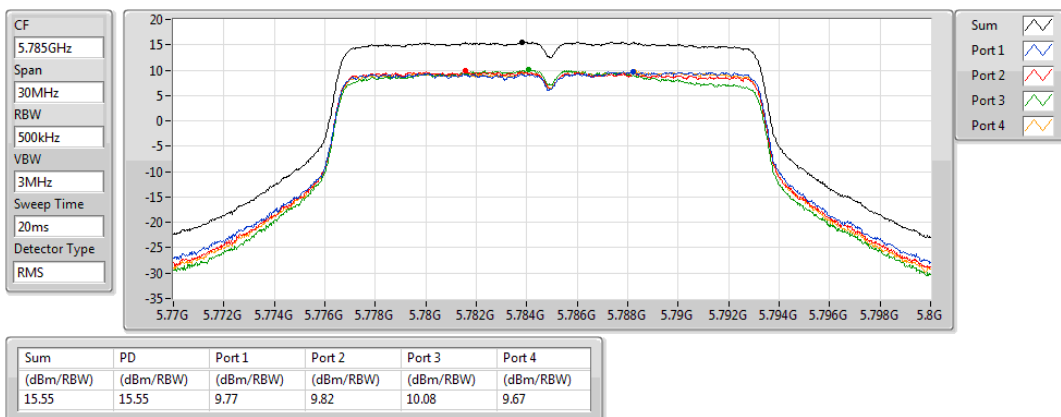


802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

20/07/2019

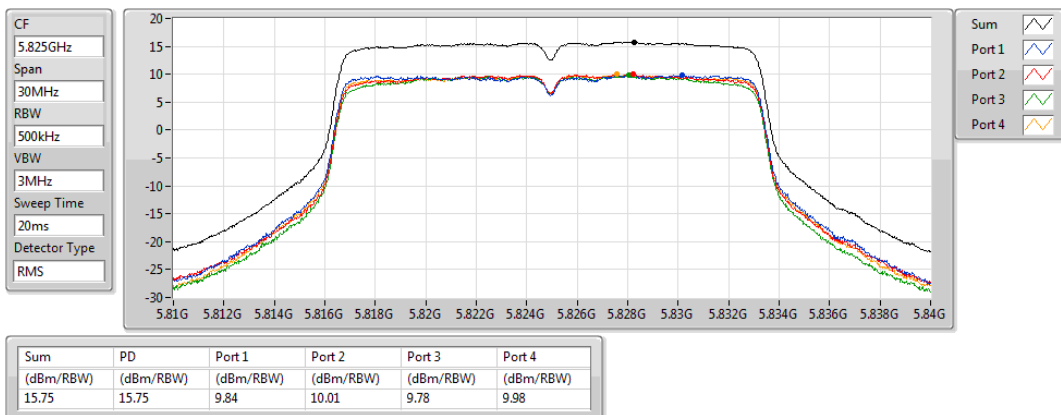


802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

20/07/2019

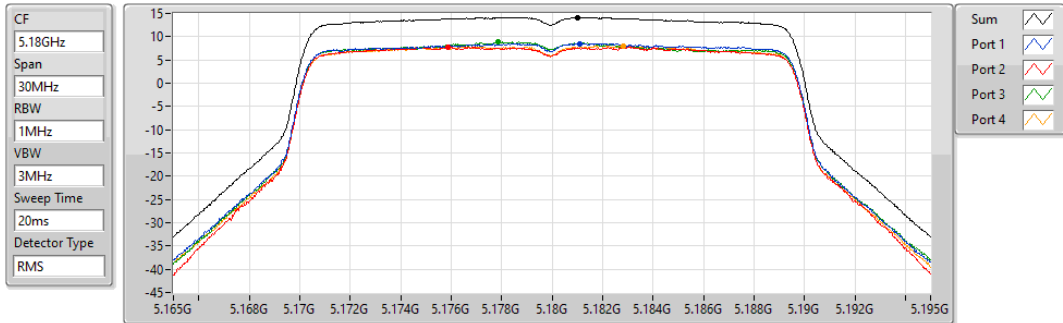


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

31/07/2023



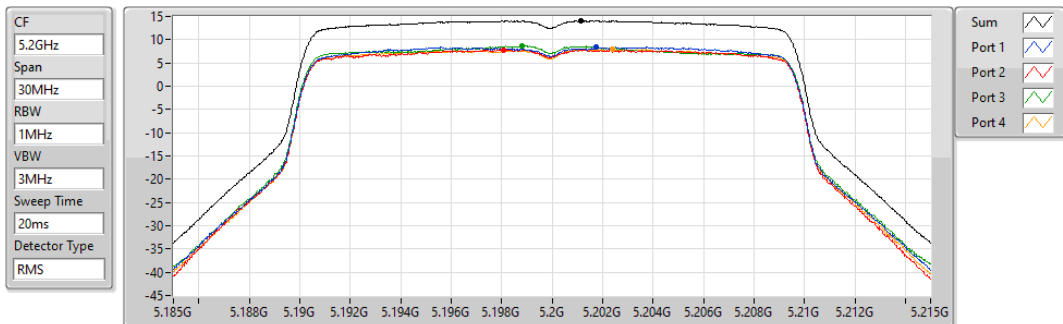
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.14	14.14	8.52	7.81	8.91	8.07

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

31/07/2023



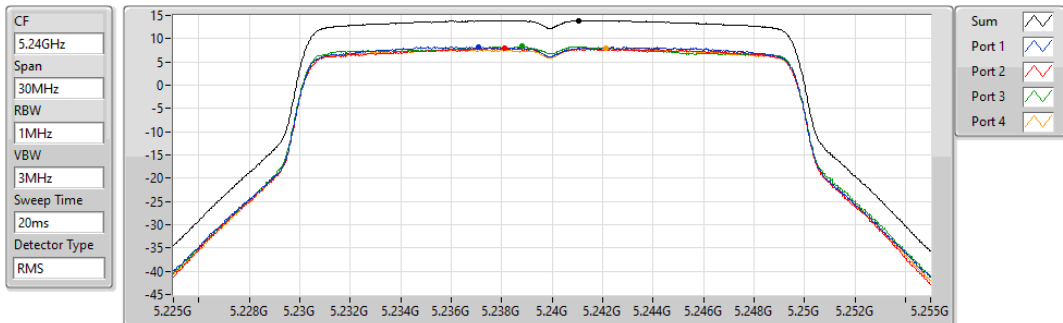
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.03	14.03	8.39	7.84	8.65	8.03

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

31/07/2023



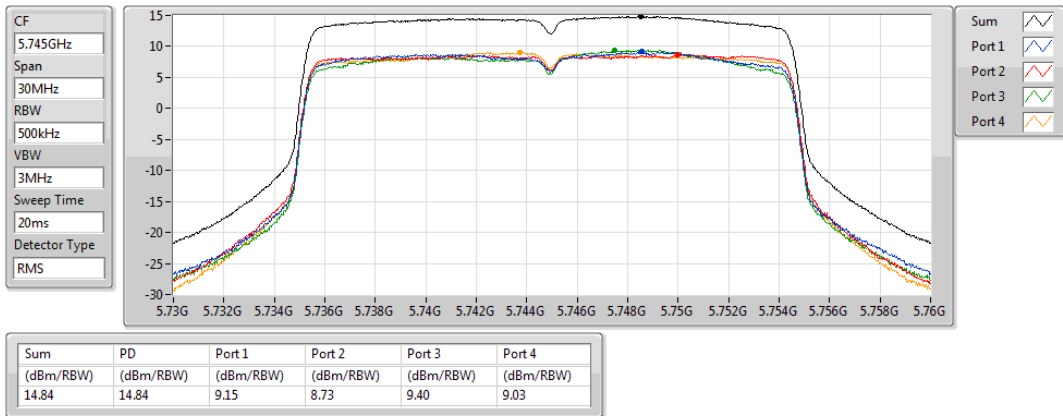
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.94	13.94	8.24	8.01	8.34	7.96

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

20/07/2019

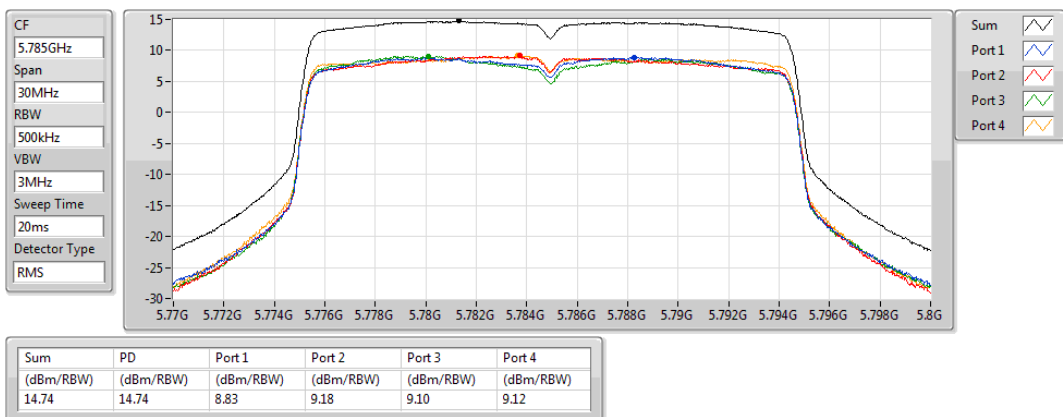


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

20/07/2019

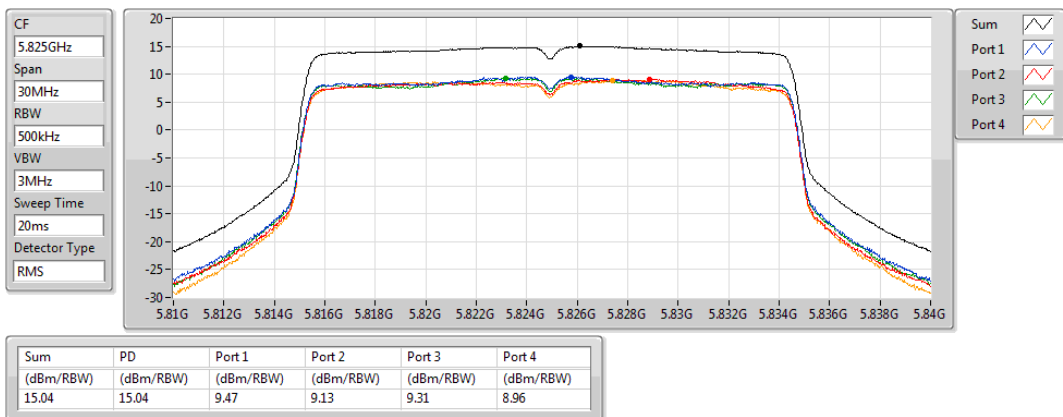


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

20/07/2019

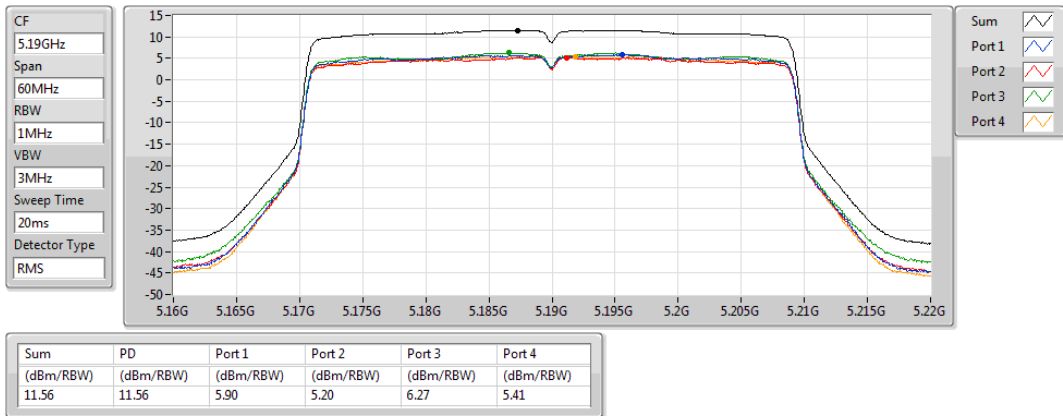


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

20/07/2019

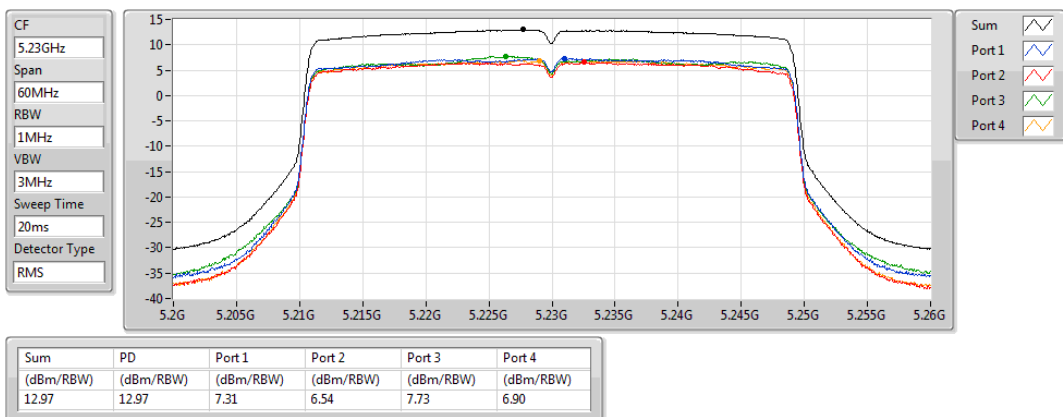


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

20/07/2019

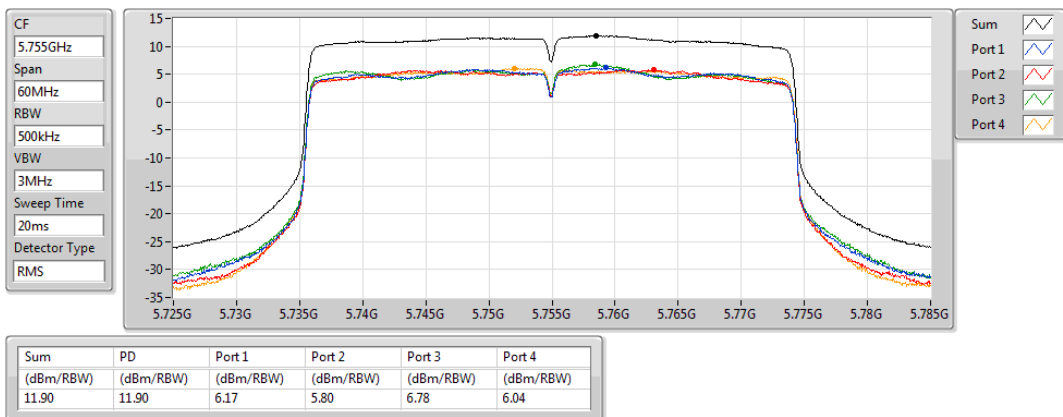


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

20/07/2019

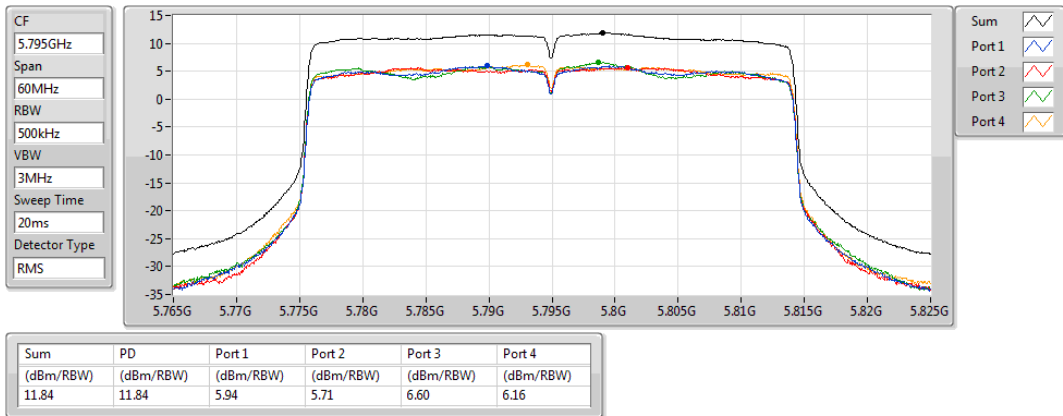


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

20/07/2019

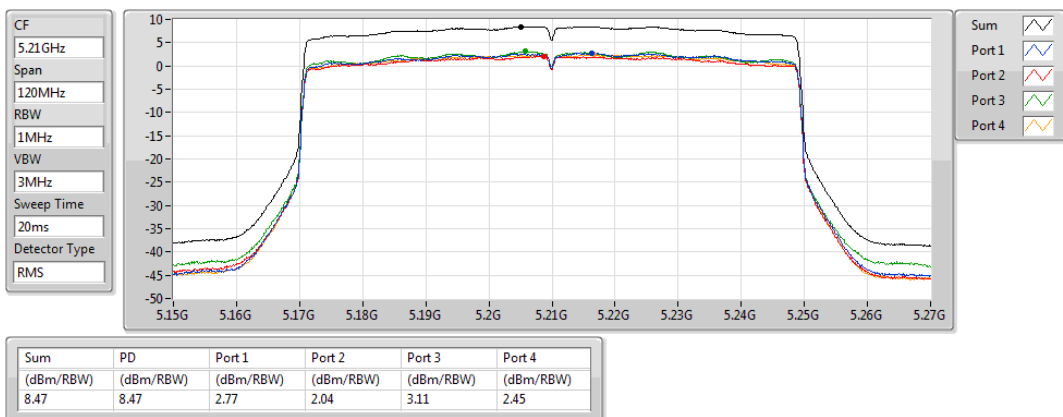


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

20/07/2019

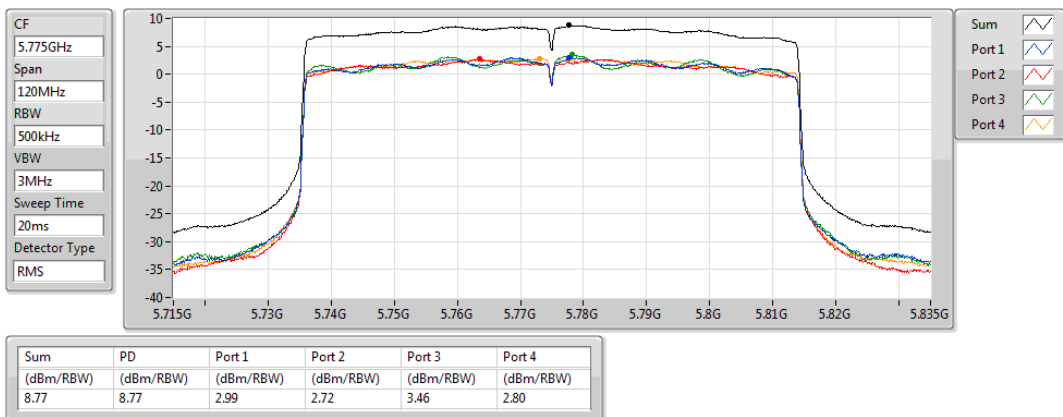


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

20/07/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.79
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	10.76
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	7.60
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.28
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	9.26
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	6.19

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.65	8.13	7.09	8.97	7.71	13.79	14.35
5200MHz	Pass	8.65	8.01	7.05	8.48	7.70	13.66	14.35
5240MHz	Pass	8.65	7.73	7.51	8.37	7.63	13.65	14.35
5745MHz	Pass	8.65	6.85	6.11	6.75	6.58	12.16	27.35
5785MHz	Pass	8.65	6.91	6.13	6.64	6.36	12.28	27.35
5825MHz	Pass	8.65	6.93	6.02	6.49	6.28	11.95	27.35
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.65	4.92	4.23	5.86	4.54	10.76	14.35
5230MHz	Pass	8.65	4.70	4.38	5.34	4.42	10.50	14.35
5755MHz	Pass	8.65	2.66	2.28	3.38	2.39	8.39	27.35
5795MHz	Pass	8.65	3.48	3.35	3.98	3.32	9.26	27.35
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.65	1.74	1.31	2.20	1.58	7.60	14.35
5775MHz	Pass	8.65	0.50	0.40	0.89	0.17	6.19	27.35

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

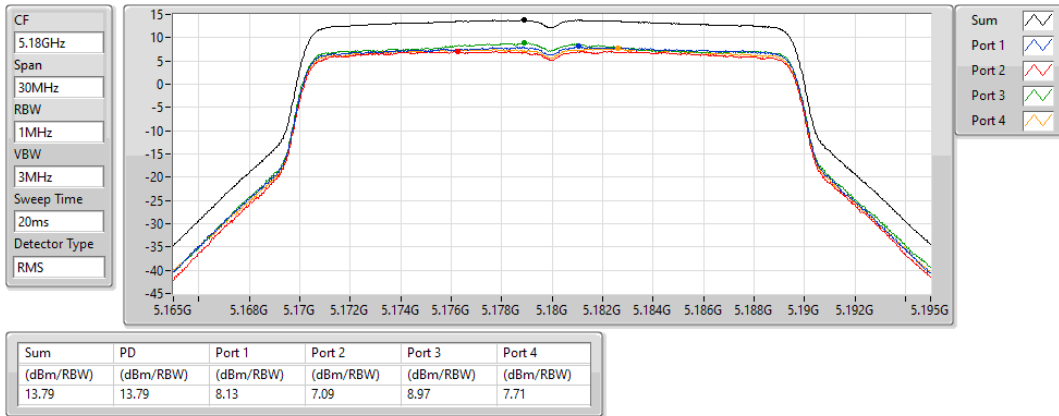
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

31/07/2023

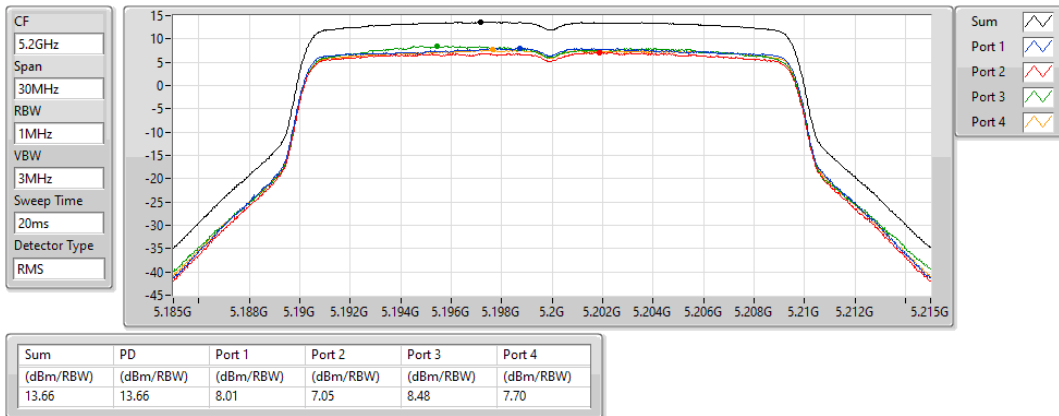


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

31/07/2023

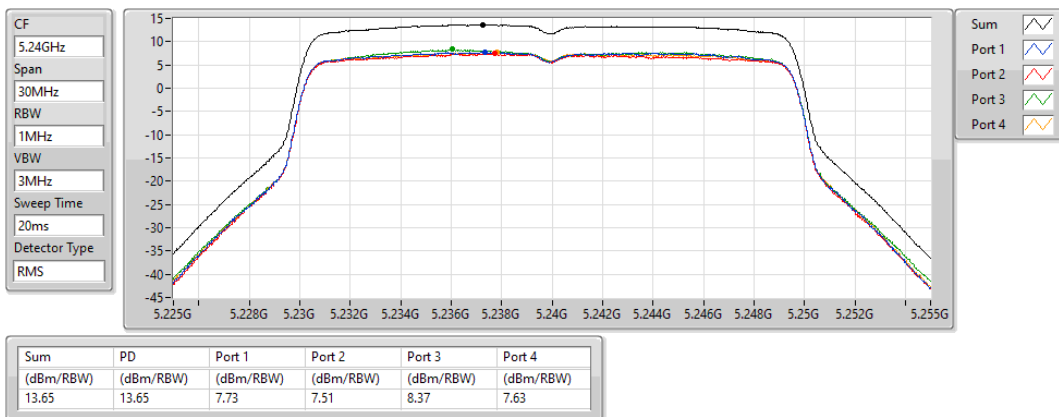


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

31/07/2023

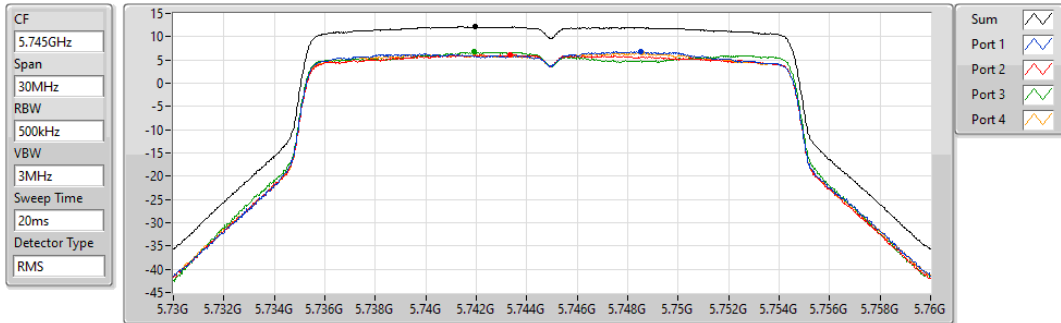


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

31/07/2023



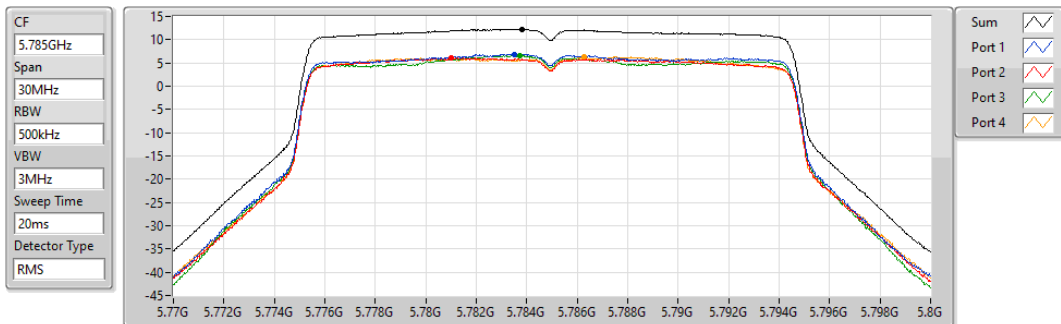
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.16	12.16	6.85	6.11	6.75	6.58

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

31/07/2023



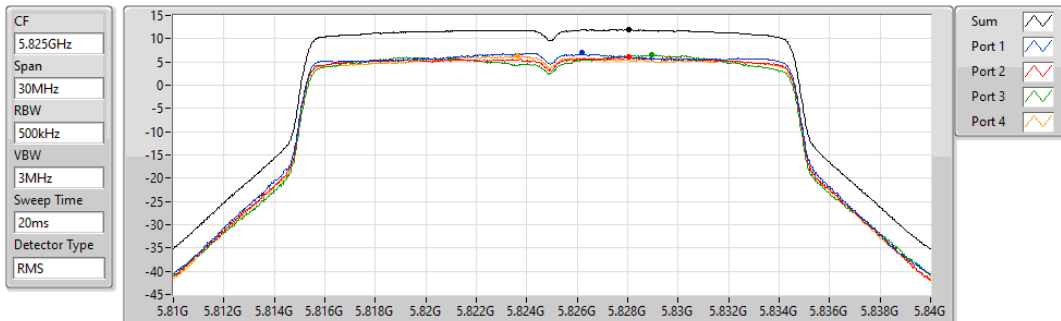
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.28	12.28	6.91	6.13	6.64	6.36

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

31/07/2023



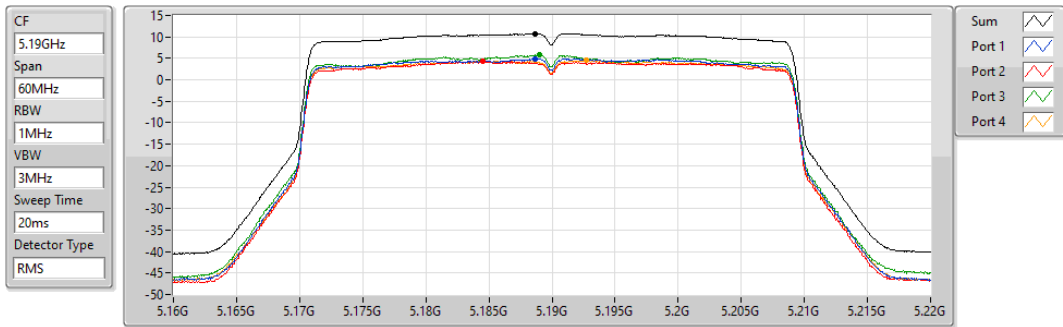
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.95	11.95	6.93	6.02	6.49	6.28

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

31/07/2023



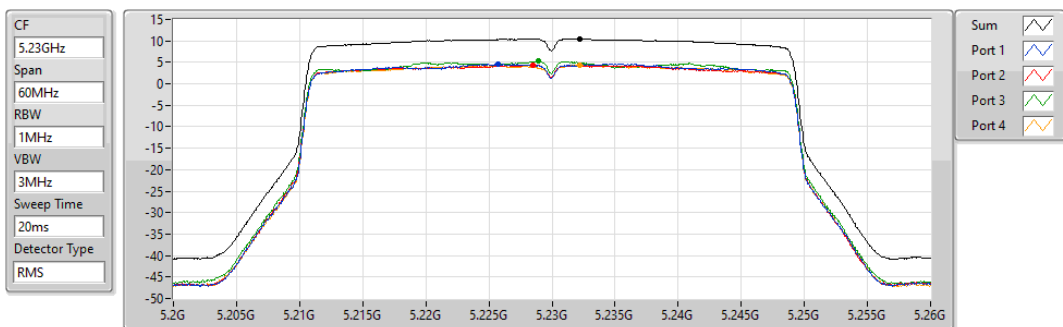
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.76	10.76	4.92	4.23	5.86	4.54

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

31/07/2023



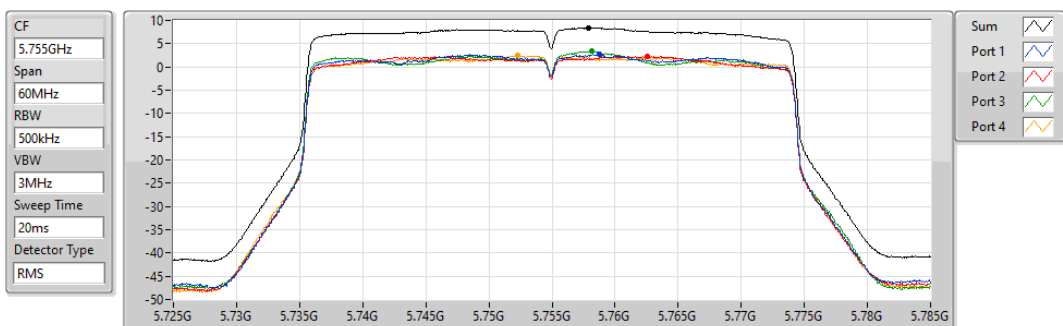
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.50	10.50	4.70	4.38	5.34	4.42

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

31/07/2023



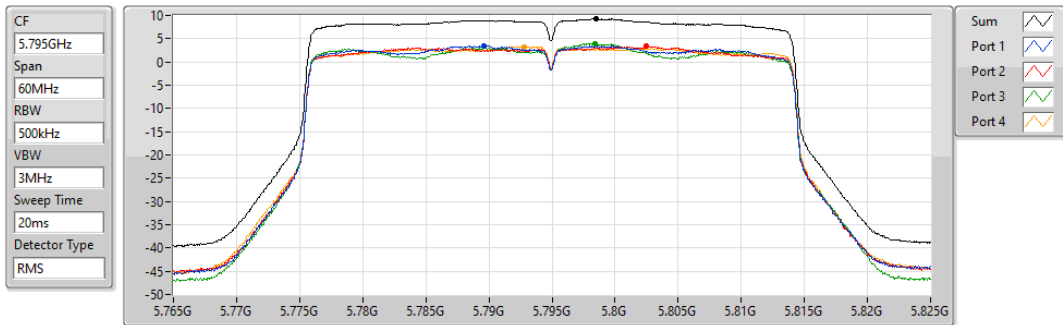
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.39	8.39	2.66	2.28	3.38	2.39

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

31/07/2023



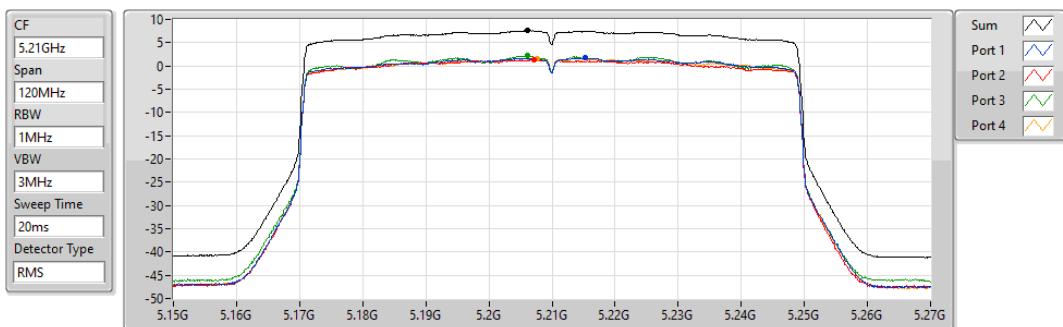
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.26	9.26	3.48	3.35	3.98	3.32

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

31/07/2023



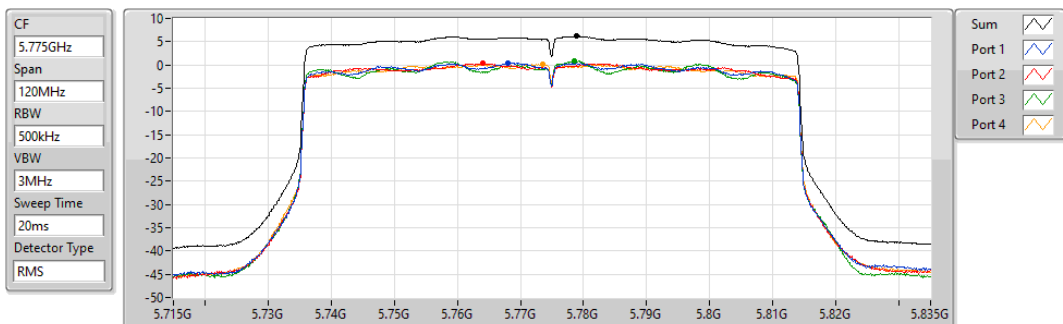
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.60	7.60	1.74	1.31	2.20	1.58

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

31/07/2023



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.19	6.19	0.50	0.40	0.89	0.17

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	15.77
802.11ax HEW20_Nss1,(MCS0)_1TX	14.8
802.11ax HEW40_Nss1,(MCS0)_1TX	11.72
802.11ax HEW80_Nss1,(MCS0)_1TX	4.20
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	12.39
802.11ax HEW20_Nss1,(MCS0)_1TX	11.57
802.11ax HEW40_Nss1,(MCS0)_1TX	10.05
802.11ax HEW80_Nss1,(MCS0)_1TX	3.69

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	4.77	13.28	13.28	17.00
5200MHz	Pass	4.77	15.77	15.77	17.00
5240MHz	Pass	4.77	15.61	15.61	17.00
5745MHz	Pass	4.77	12.17	12.17	30.00
5785MHz	Pass	4.77	12.02	12.02	30.00
5825MHz	Pass	4.77	12.39	12.39	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	4.77	12.28	12.28	17.00
5200MHz	Pass	4.77	14.68	14.68	17.00
5240MHz	Pass	4.77	14.8	14.80	17.00
5745MHz	Pass	4.77	11.35	11.35	30.00
5785MHz	Pass	4.77	11.16	11.16	30.00
5825MHz	Pass	4.77	11.57	11.57	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	4.77	7.67	7.67	17.00
5230MHz	Pass	4.77	11.72	11.72	17.00
5755MHz	Pass	4.77	8.94	8.94	30.00
5795MHz	Pass	4.77	10.05	10.05	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	4.77	4.20	4.20	17.00
5775MHz	Pass	4.77	3.69	3.69	30.00

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

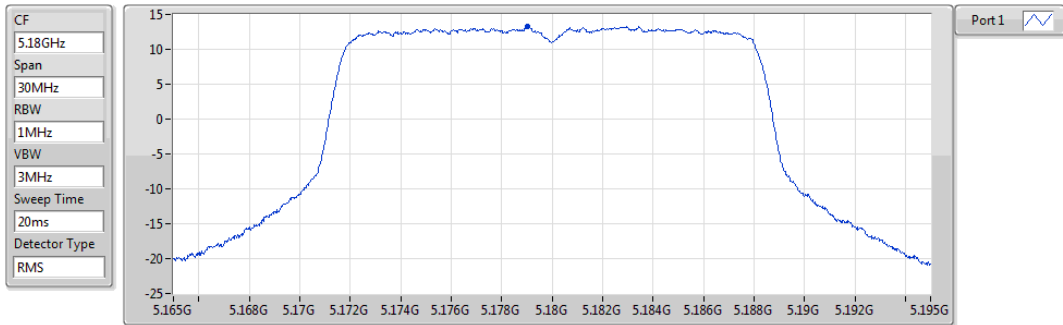
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

08/07/2019



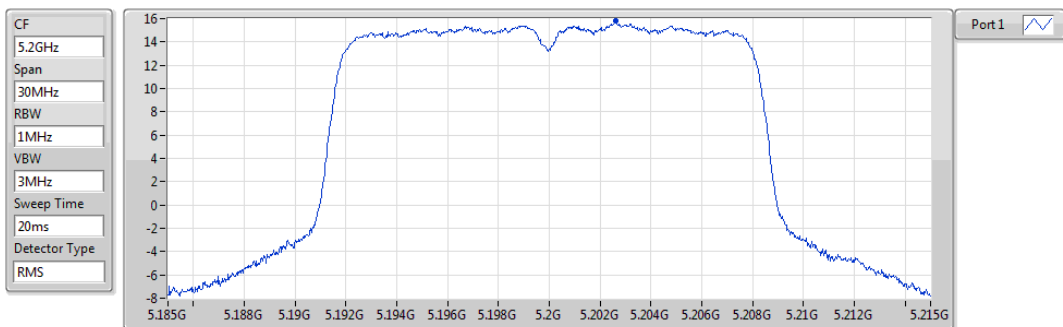
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.28	13.28	13.28

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

08/07/2019



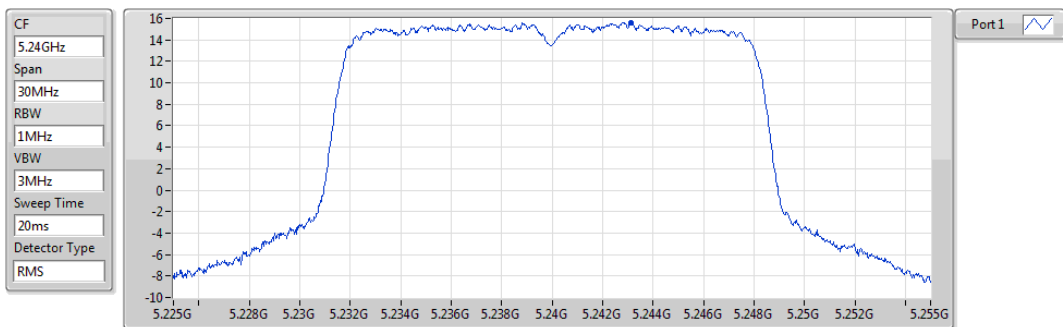
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
15.77	15.77	15.77

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

08/07/2019



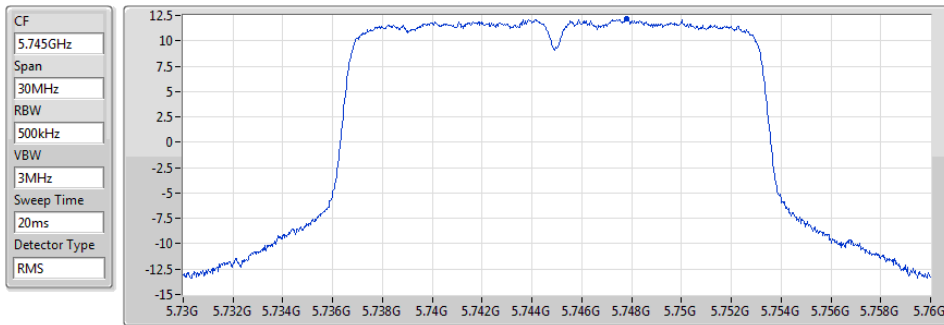
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
15.61	15.61	15.61

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

08/07/2019



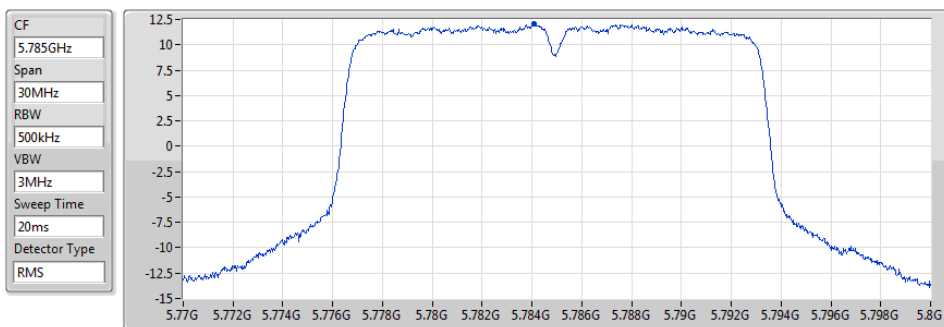
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.17	12.17	12.17

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

08/07/2019



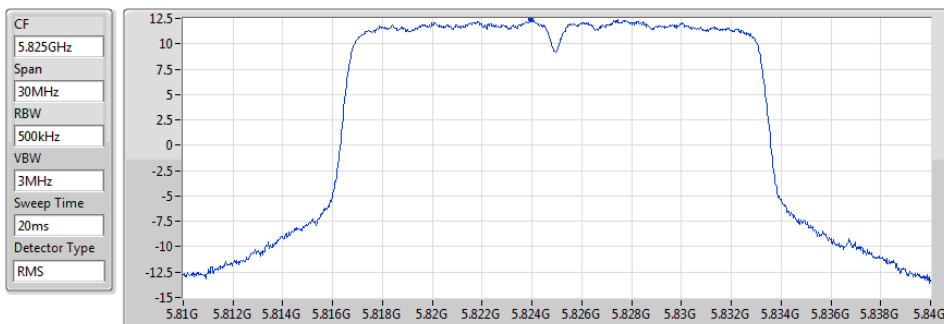
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.02	12.02	12.02

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

08/07/2019



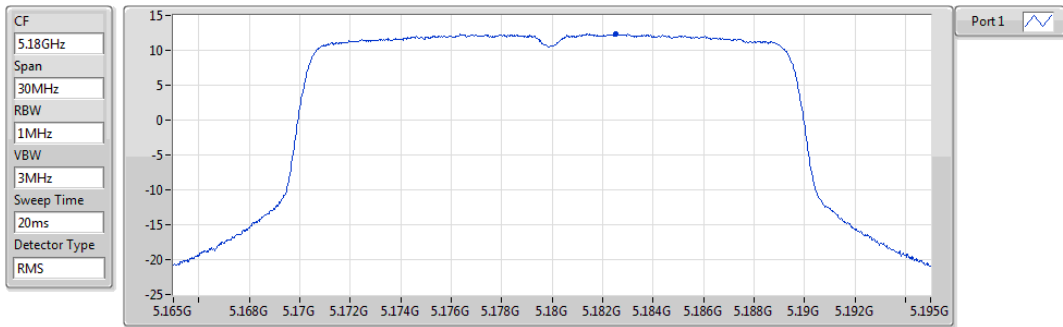
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.39	12.39	12.39

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

08/07/2019

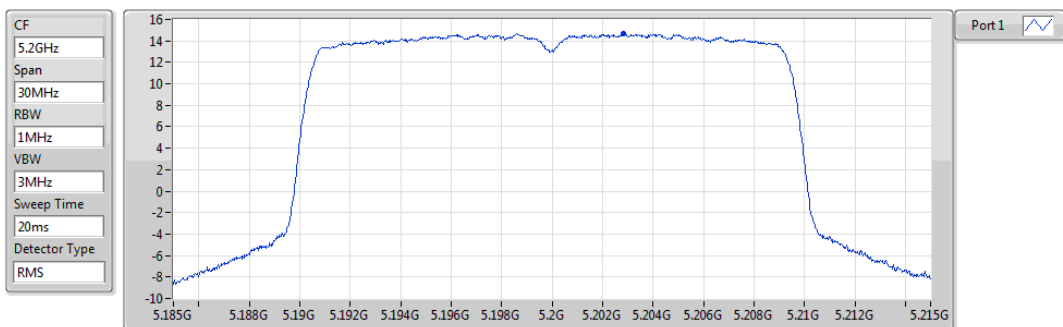


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

08/07/2019

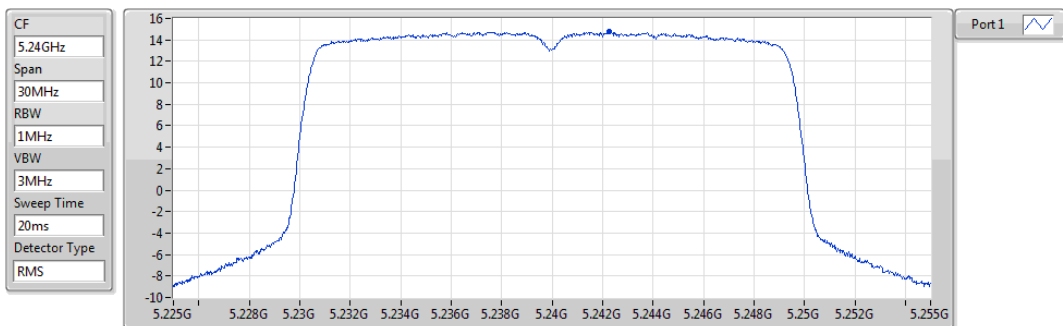


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

08/07/2019

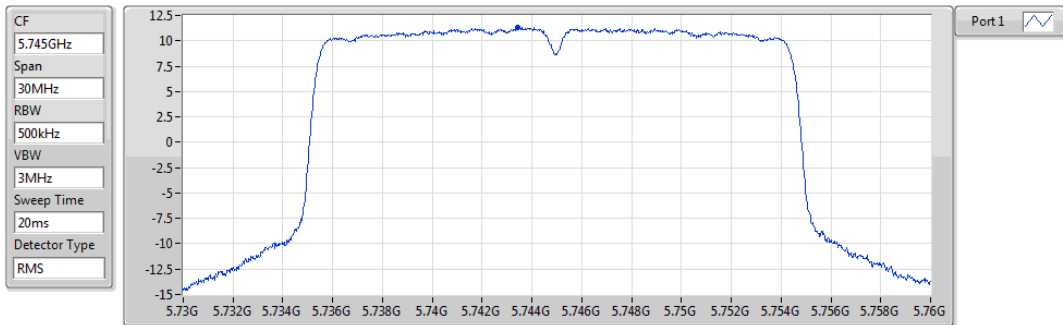


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5745MHz

08/07/2019



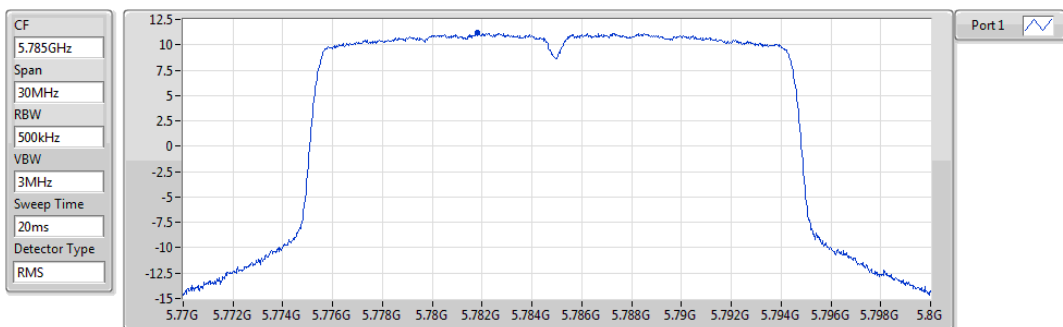
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.35	11.35	11.35

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

08/07/2019



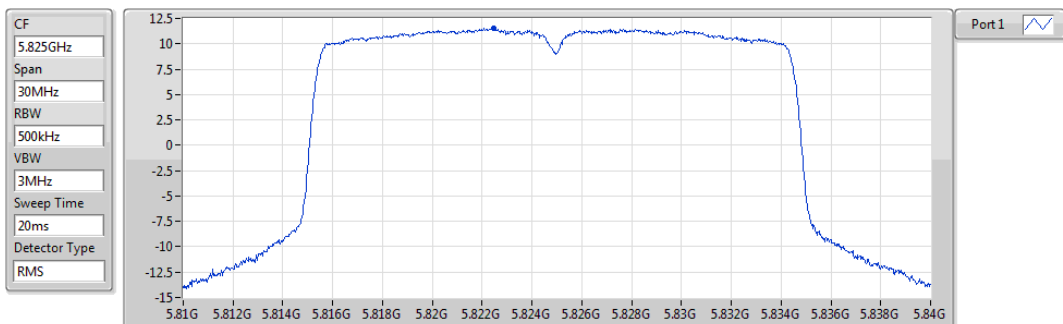
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.16	11.16	11.16

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

08/07/2019



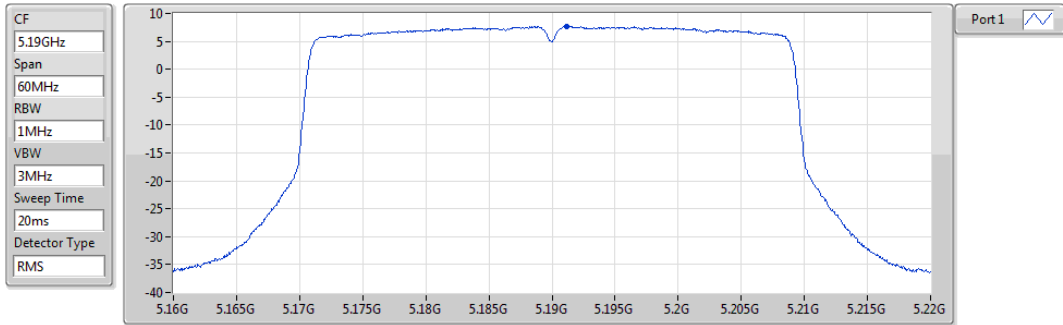
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.57	11.57	11.57

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

08/07/2019

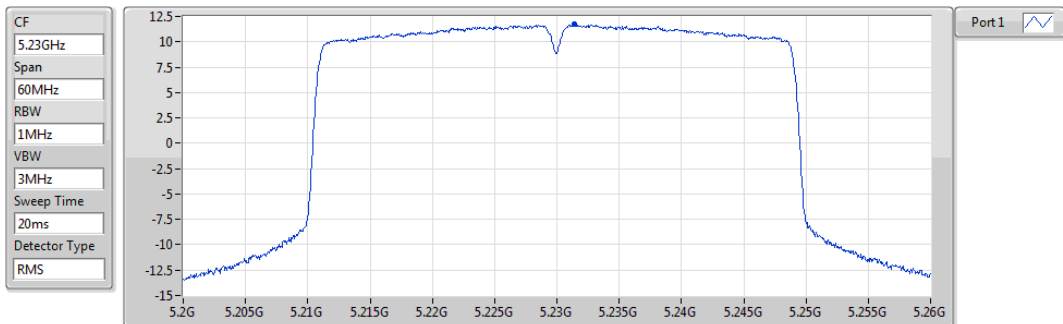


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

08/07/2019

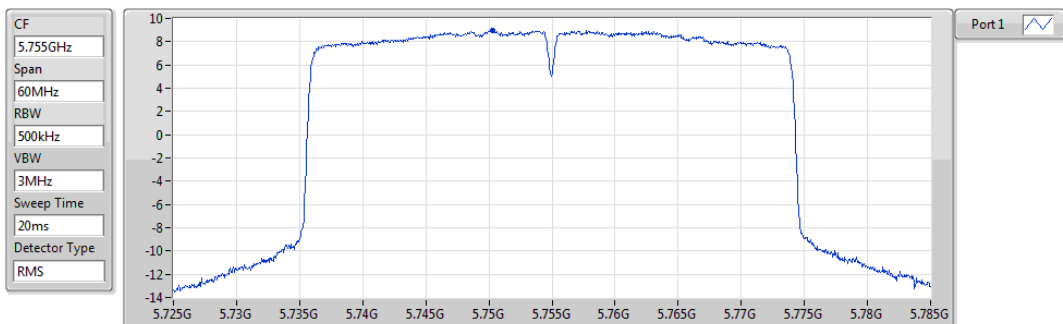


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5755MHz

08/07/2019

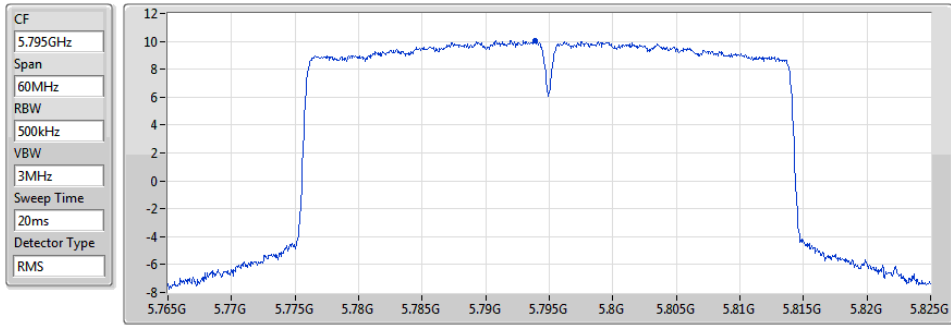


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

08/07/2019



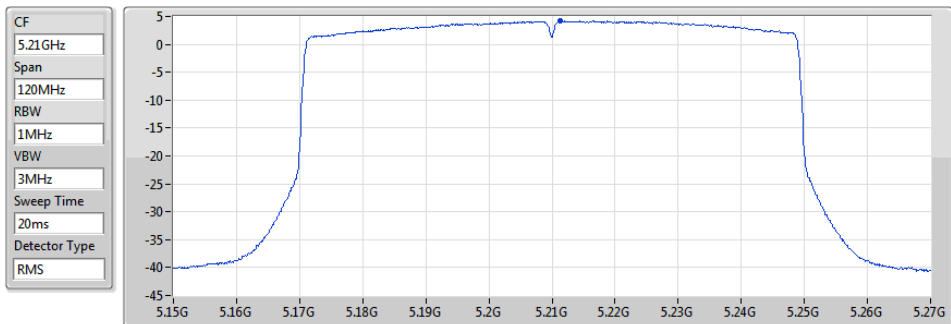
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.05	10.05	10.05

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

08/07/2019



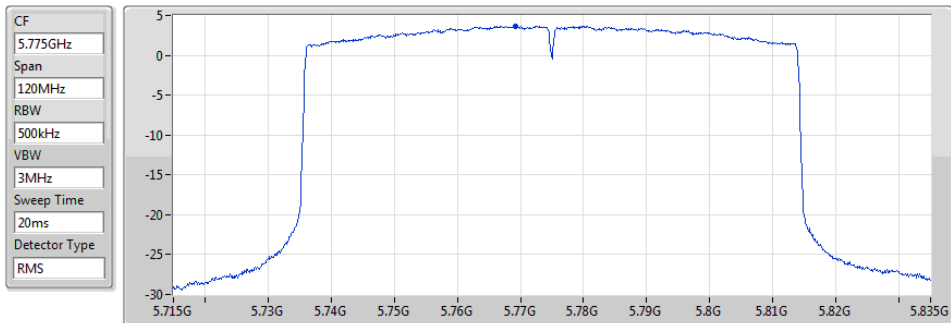
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.20	4.20	4.20

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

08/07/2019



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.69	3.69	3.69

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	13.41
802.11ax HEW20_Nss1,(MCS0)_2TX	13.45
802.11ax HEW40_Nss1,(MCS0)_2TX	13.11
802.11ax HEW80_Nss1,(MCS0)_2TX	6.48
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.71
802.11ax HEW20_Nss1,(MCS0)_2TX	14.09
802.11ax HEW40_Nss1,(MCS0)_2TX	12.12
802.11ax HEW80_Nss1,(MCS0)_2TX	5.88

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)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.23	10.79	9.95	13.26	14.77
5200MHz	Pass	8.23	10.92	10.24	13.41	14.77
5240MHz	Pass	8.23	10.44	10.08	13.24	14.77
5745MHz	Pass	8.23	12.51	10.91	14.67	27.77
5785MHz	Pass	8.23	12.52	10.81	14.67	27.77
5825MHz	Pass	8.23	12.58	11.10	14.71	27.77
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.23	10.83	10.14	13.32	14.77
5200MHz	Pass	8.23	10.97	10.12	13.45	14.77
5240MHz	Pass	8.23	10.56	10.08	13.24	14.77
5745MHz	Pass	8.23	11.69	10.25	13.91	27.77
5785MHz	Pass	8.23	11.71	10.21	13.85	27.77
5825MHz	Pass	8.23	11.97	10.49	14.09	27.77
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.23	7.30	6.48	9.81	14.77
5230MHz	Pass	8.23	10.53	9.84	13.11	14.77
5755MHz	Pass	8.23	9.34	9.00	12.10	27.77
5795MHz	Pass	8.23	9.45	9.01	12.12	27.77
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.23	3.89	3.19	6.48	14.77
5775MHz	Pass	8.23	3.27	2.69	5.88	27.77

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

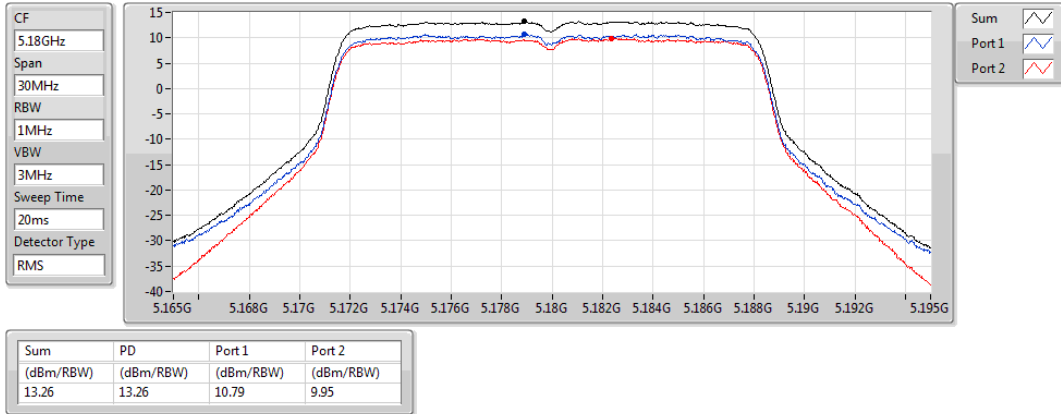
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

11/07/2019

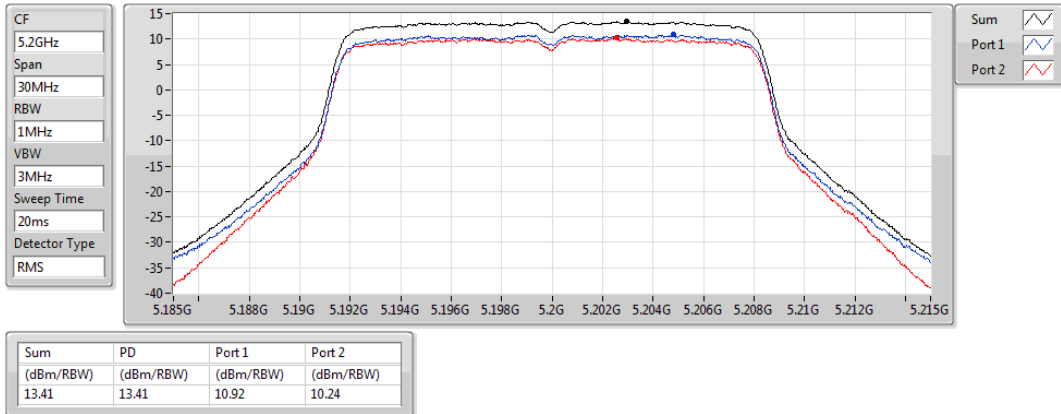


802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

11/07/2019

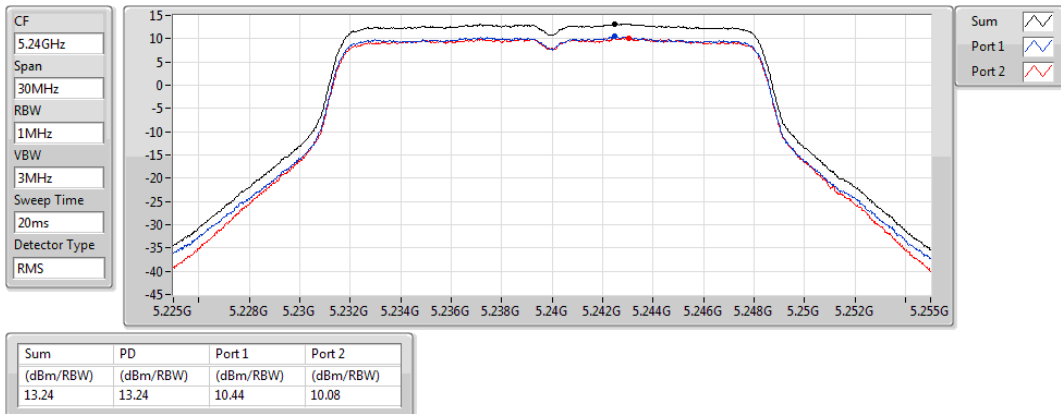


802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

11/07/2019

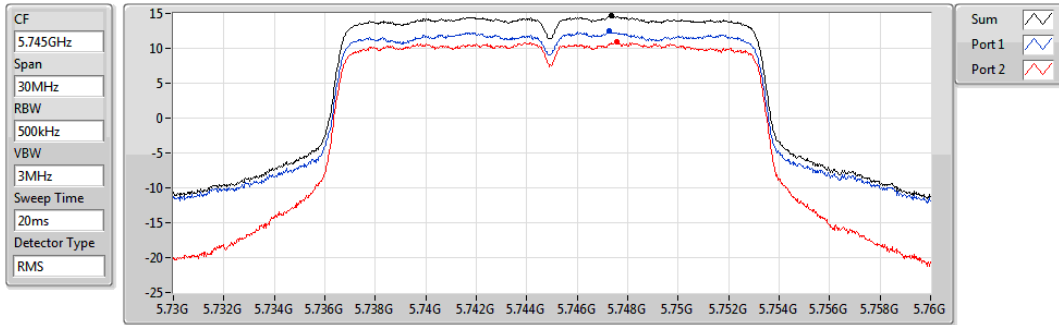


802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

09/07/2019

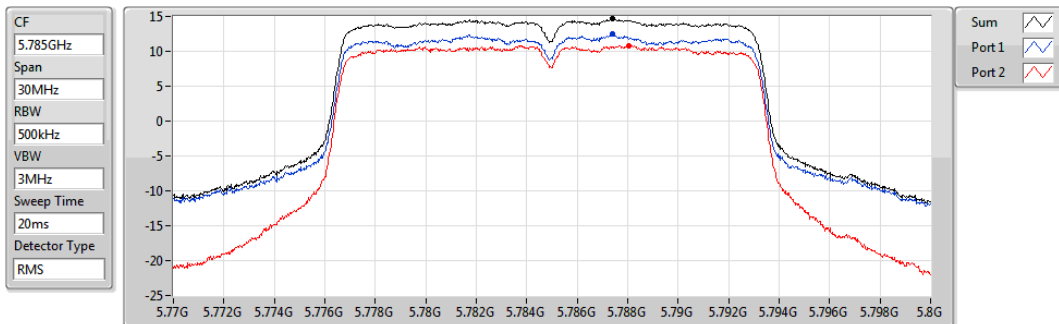


802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

09/07/2019

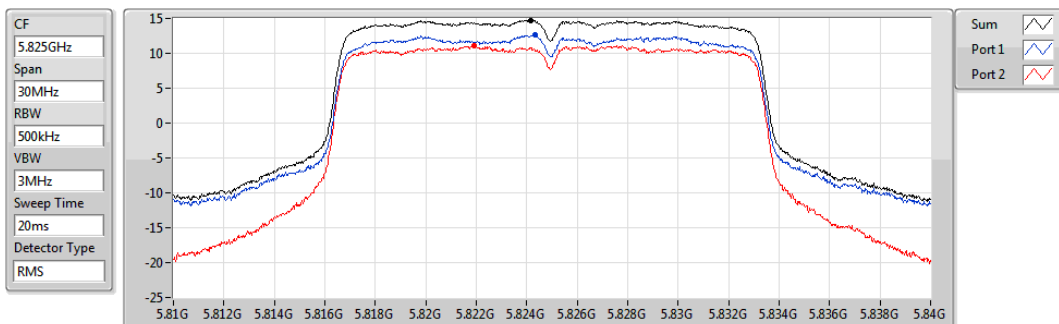


802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

09/07/2019

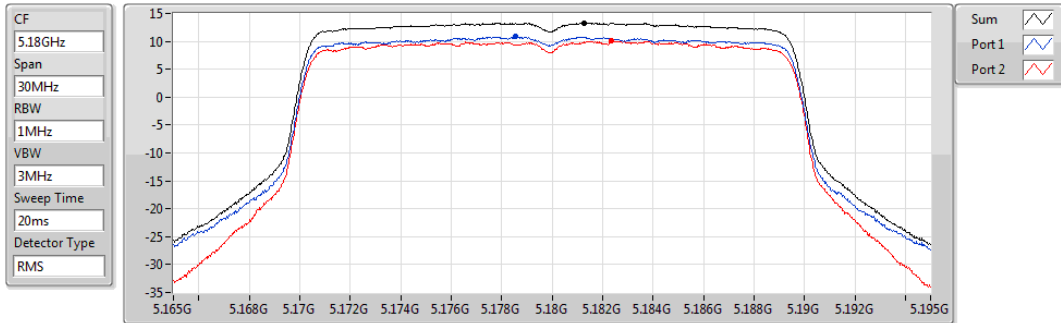


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

11/07/2019



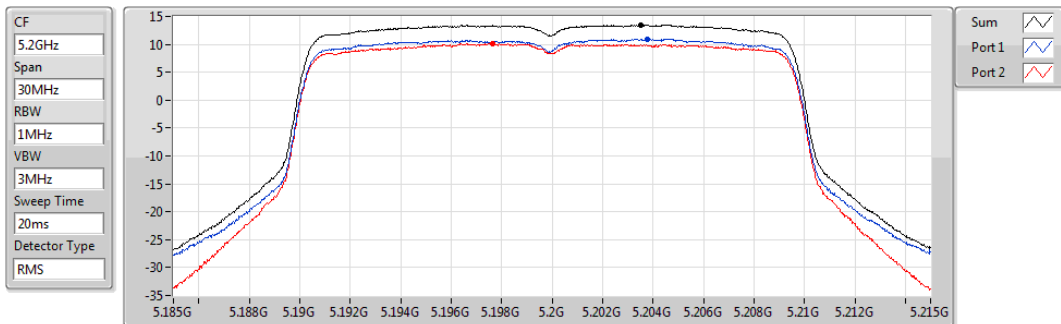
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.32	13.32	10.83	10.14

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

11/07/2019



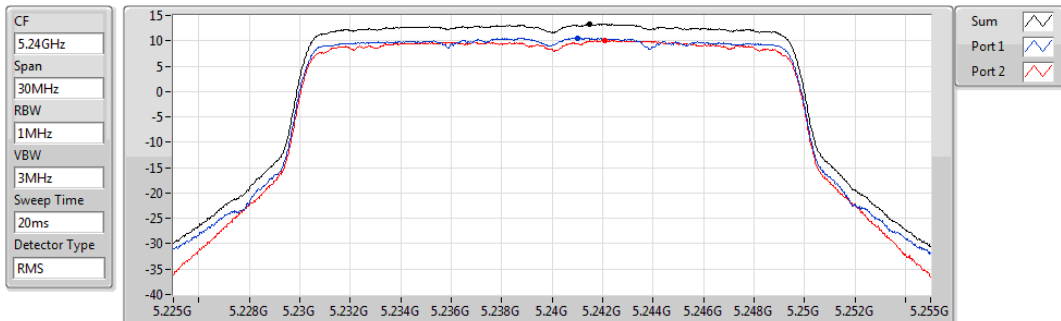
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.45	13.45	10.97	10.12

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

11/07/2019



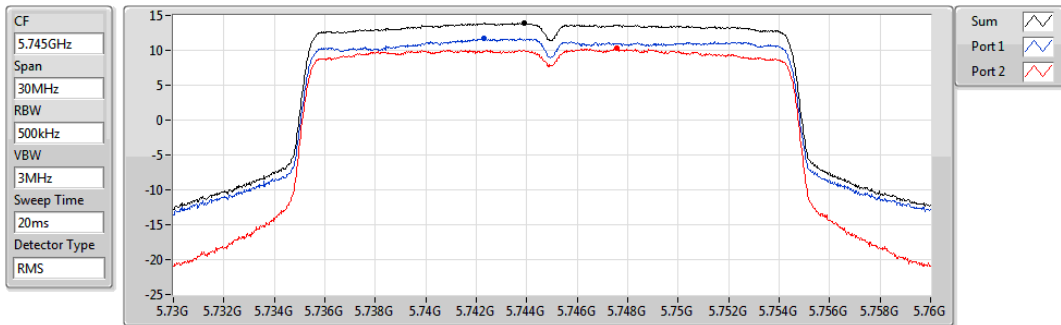
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.24	13.24	10.56	10.08

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

09/07/2019



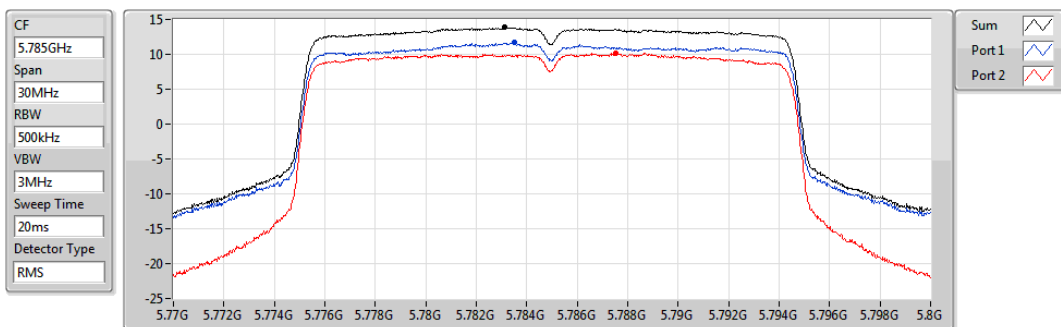
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
13.91	13.91	11.69	10.25

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

09/07/2019



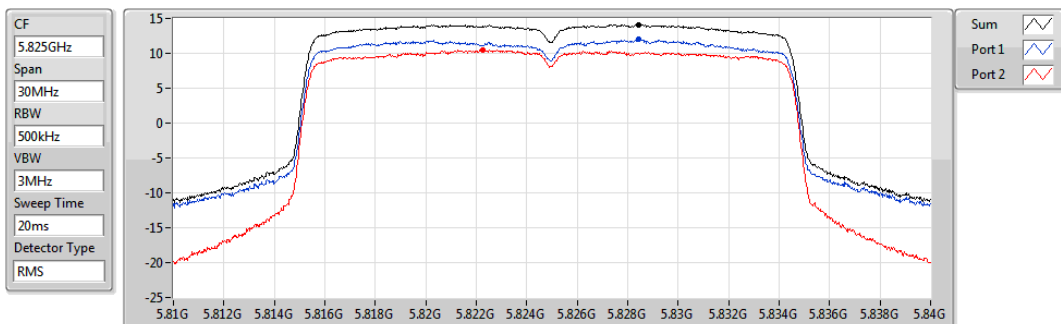
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
13.85	13.85	11.71	10.21

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

09/07/2019



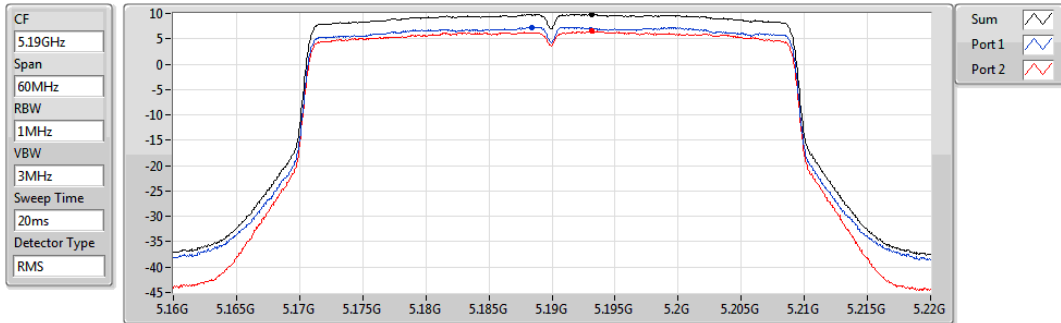
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
14.09	14.09	11.97	10.49

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

09/07/2019



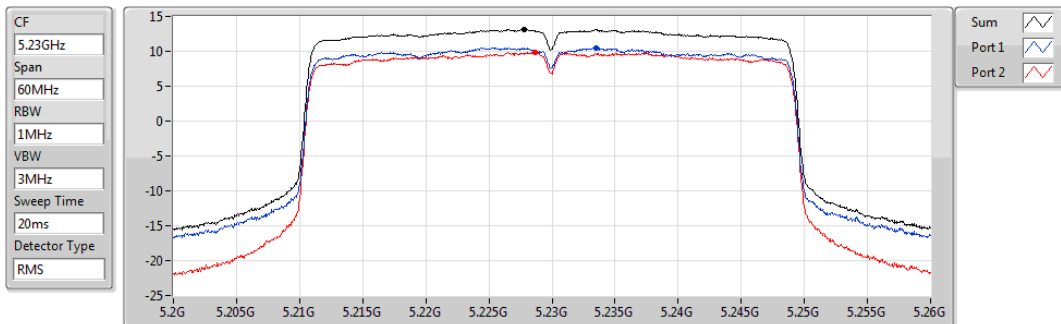
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.81	9.81	7.30	6.48

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

11/07/2019



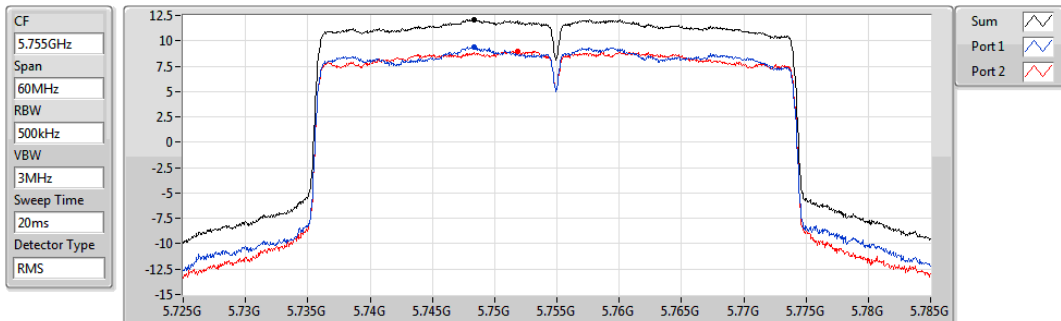
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.11	13.11	10.53	9.84

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

09/07/2019



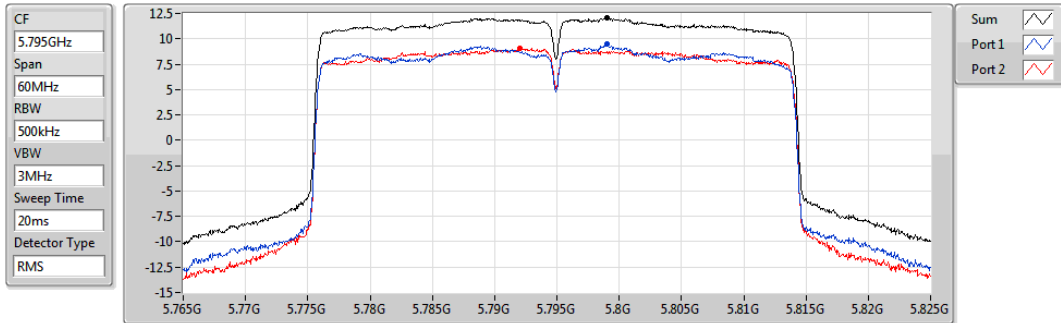
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
12.10	12.10	9.34	9.00

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

09/07/2019



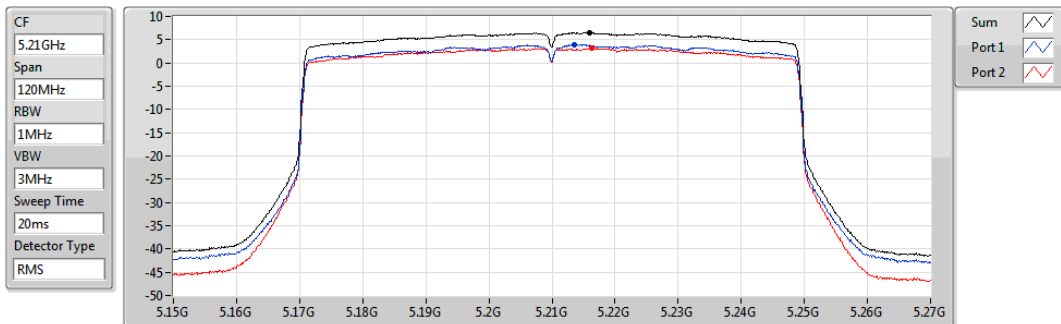
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
12.12	12.12	9.45	9.01

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

09/07/2019



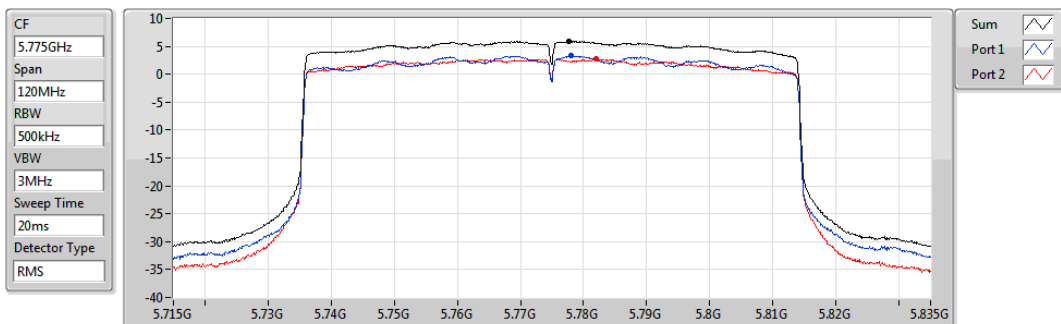
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.48	6.48	3.89	3.19

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

09/07/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.88	5.88	3.27	2.69

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.82
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	8.85
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	7.13
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.86
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	7.43
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.09

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)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.23	9.38	8.86	11.82	14.77
5200MHz	Pass	8.23	9.21	8.21	11.64	14.77
5240MHz	Pass	8.23	8.63	8.83	11.62	14.77
5745MHz	Pass	8.23	6.91	6.92	9.86	27.77
5785MHz	Pass	8.23	6.63	6.77	9.59	27.77
5825MHz	Pass	8.23	6.31	7.01	9.44	27.77
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.23	6.50	5.98	8.85	14.77
5230MHz	Pass	8.23	5.89	5.82	8.73	14.77
5755MHz	Pass	8.23	3.93	4.42	7.11	27.77
5795MHz	Pass	8.23	3.56	5.26	7.43	27.77
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.23	3.89	4.93	7.13	14.77
5775MHz	Pass	8.23	0.84	2.19	4.09	27.77

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

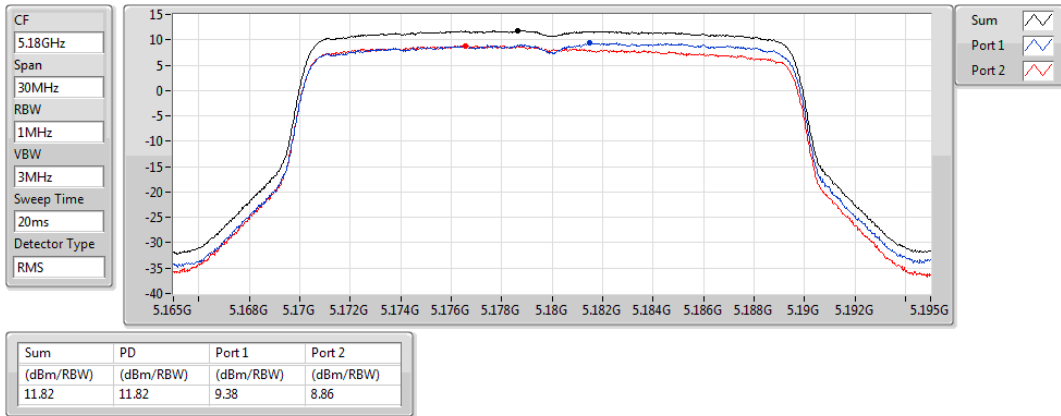
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

10/07/2019

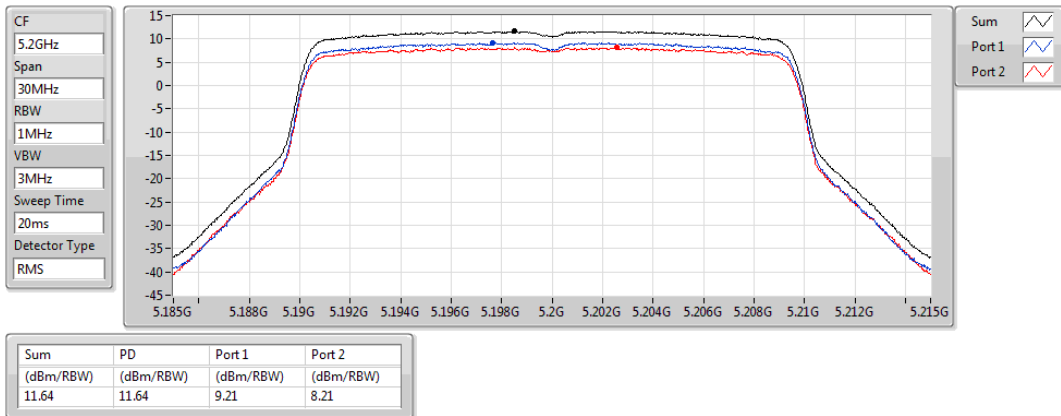


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

10/07/2019

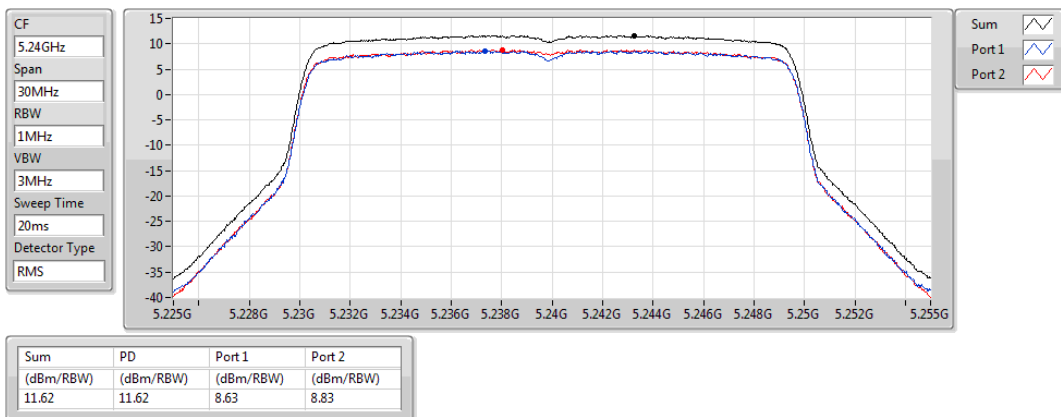


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

10/07/2019

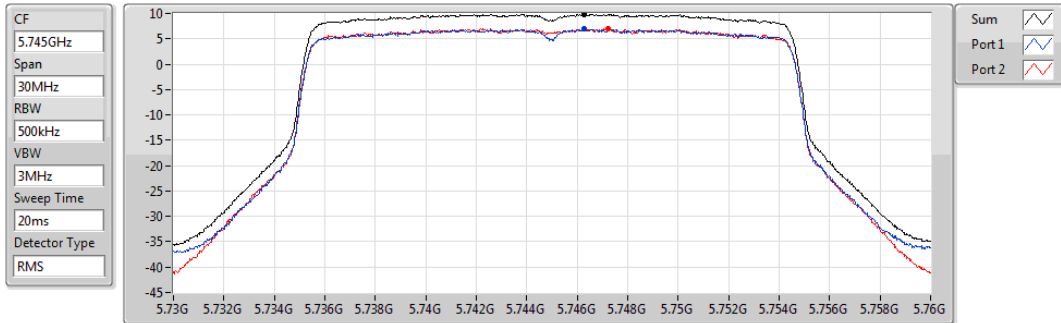


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

10/07/2019



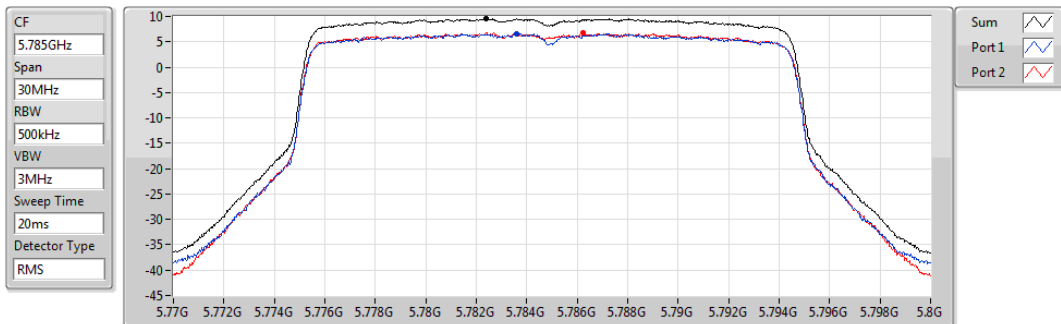
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.86	9.86	6.91	6.92

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

10/07/2019



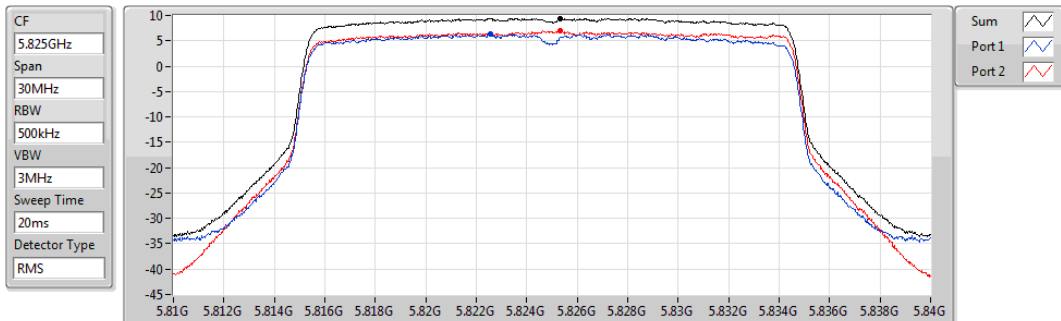
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.59	9.59	6.63	6.77

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

10/07/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.44	9.44	6.31	7.01

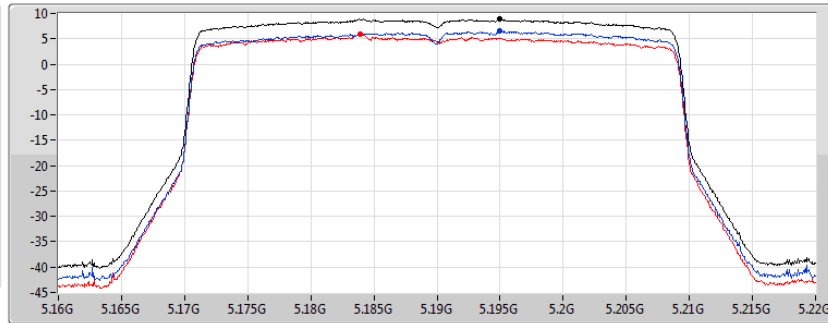
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

10/07/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.85	8.85	6.50	5.98

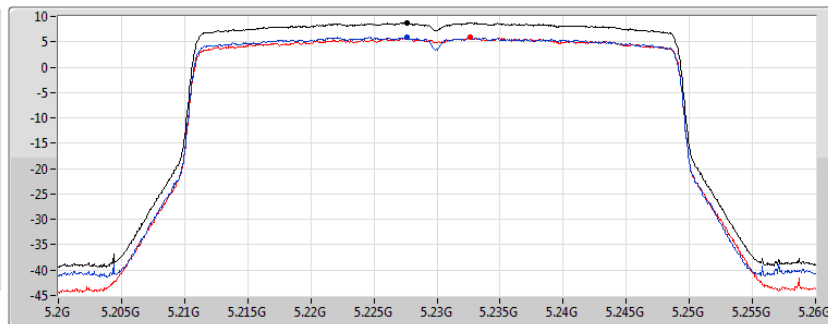
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

10/07/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.73	8.73	5.89	5.82

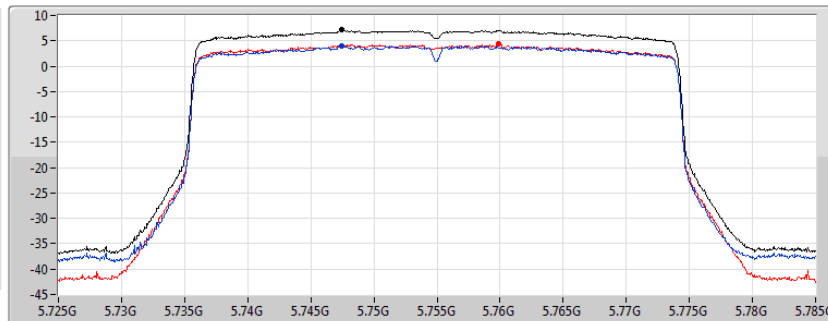
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

10/07/2019

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



Sum
Port 1
Port 2

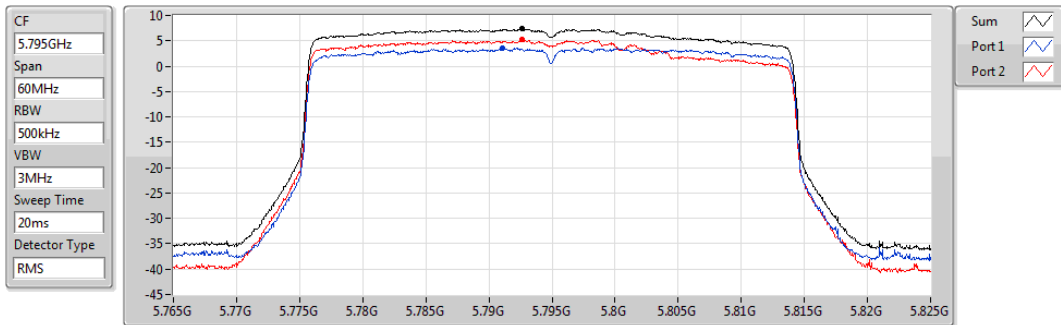
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.11	7.11	3.93	4.42

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

10/07/2019



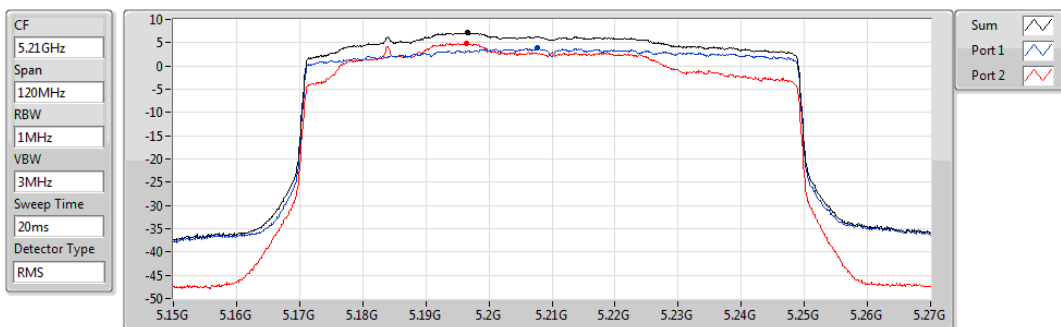
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.43	7.43	3.56	5.26

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

17/07/2019



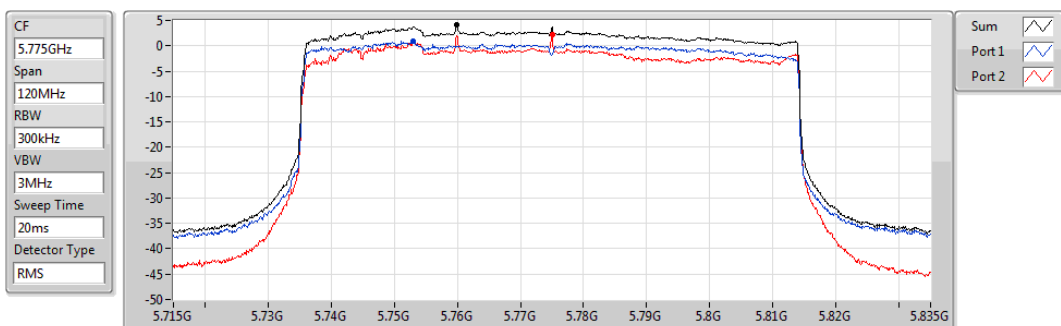
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.13	7.13	3.89	4.93

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

17/07/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.09	4.09	0.84	2.19

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	11.03
802.11ax HEW20_Nss1,(MCS0)_4TX	11.28
802.11ax HEW40_Nss1,(MCS0)_4TX	11.10
802.11ax HEW80_Nss1,(MCS0)_4TX	7.91
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	15.86
802.11ax HEW20_Nss1,(MCS0)_4TX	14.97
802.11ax HEW40_Nss1,(MCS0)_4TX	12.45
802.11ax HEW80_Nss1,(MCS0)_4TX	7.87

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.25	4.65	4.19	5.69	5.20	10.96	11.75
5200MHz	Pass	11.25	4.82	4.39	5.71	5.10	10.89	11.75
5240MHz	Pass	11.25	5.01	4.67	5.23	5.60	11.03	11.75
5745MHz	Pass	11.25	10.05	9.58	9.76	10.39	15.69	24.75
5785MHz	Pass	11.25	9.83	9.41	9.37	10.45	15.54	24.75
5825MHz	Pass	11.25	10.11	9.84	10.15	10.32	15.86	24.75
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.25	5.08	4.42	5.83	5.30	11.04	11.75
5200MHz	Pass	11.25	5.26	4.77	5.83	5.31	11.22	11.75
5240MHz	Pass	11.25	5.15	5.05	5.61	5.96	11.28	11.75
5745MHz	Pass	11.25	9.13	8.74	9.30	9.38	14.97	24.75
5785MHz	Pass	11.25	8.81	8.80	9.17	9.45	14.65	24.75
5825MHz	Pass	11.25	9.13	8.93	9.23	9.59	14.91	24.75
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.25	5.07	4.59	5.90	5.23	11.00	11.75
5230MHz	Pass	11.25	5.06	4.94	5.64	5.61	11.10	11.75
5755MHz	Pass	11.25	6.42	6.09	7.00	7.29	12.45	24.75
5795MHz	Pass	11.25	6.39	5.95	6.68	7.15	12.31	24.75
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.25	1.88	1.16	2.62	2.49	7.91	11.75
5775MHz	Pass	11.25	1.72	1.59	2.48	2.68	7.87	24.75

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

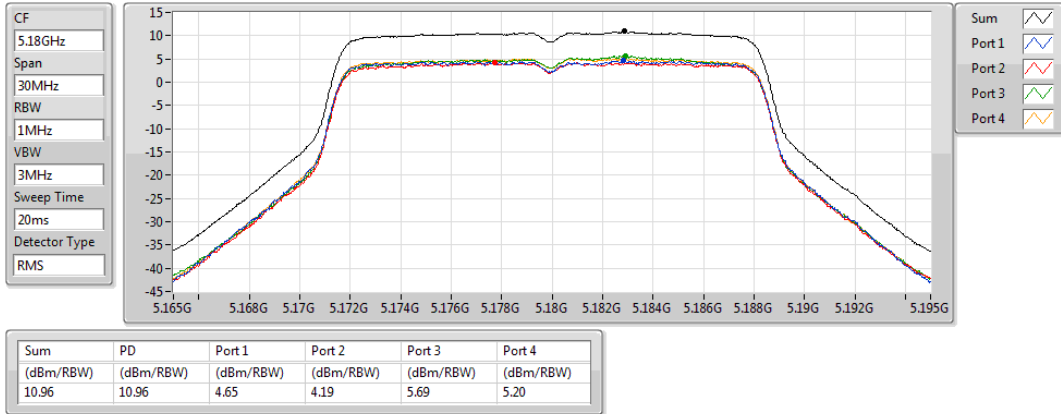
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

11/07/2019

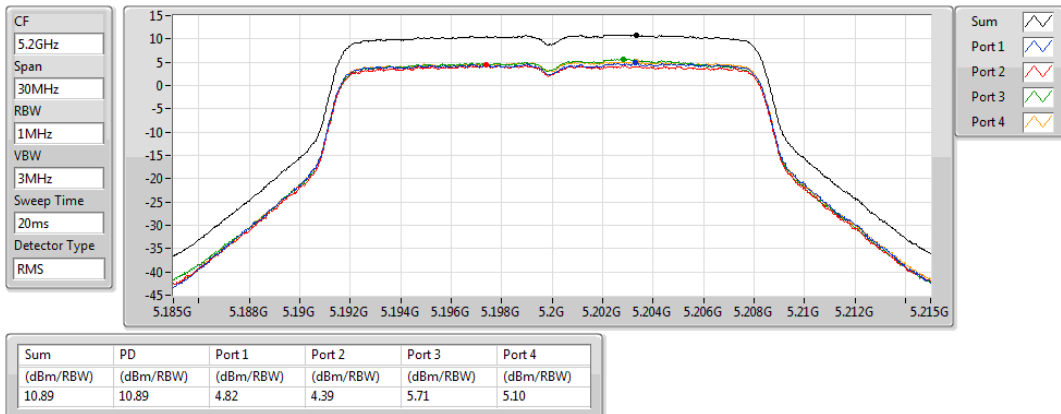


802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

11/07/2019

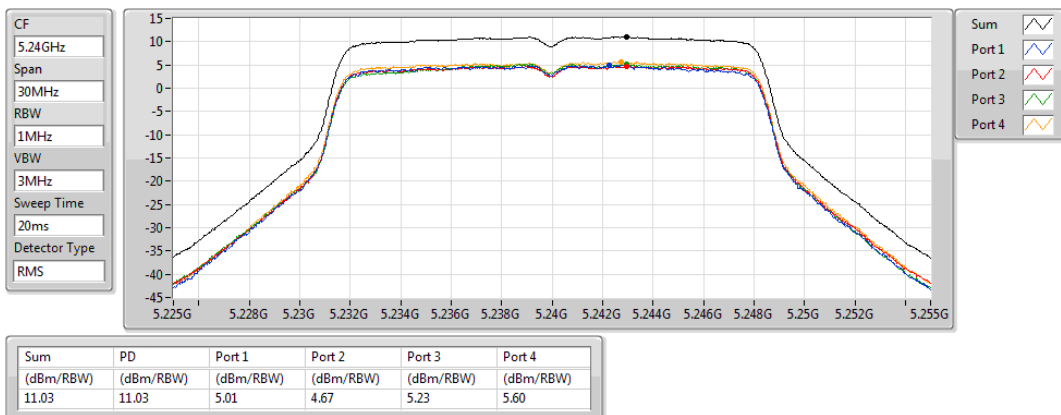


802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

11/07/2019

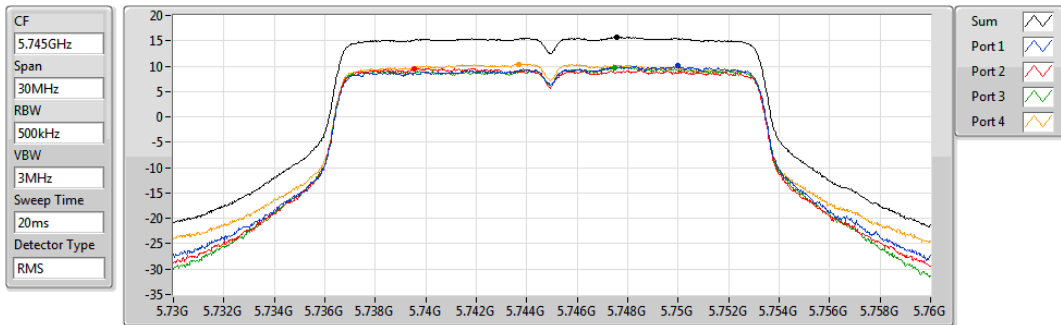


802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

09/07/2019



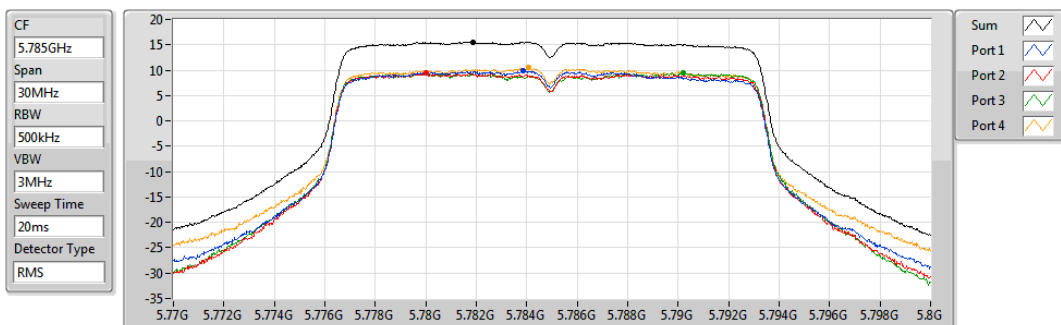
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.69	15.69	10.05	9.58	9.76	10.39

802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

09/07/2019



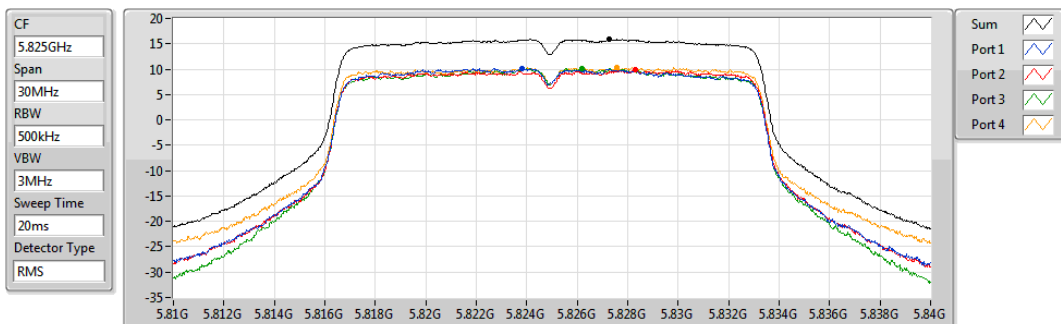
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.54	15.54	9.83	9.41	9.37	10.45

802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

09/07/2019



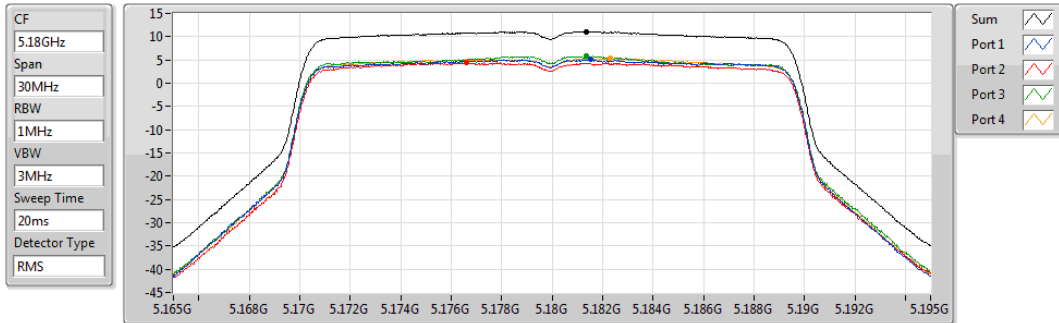
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
15.86	15.86	10.11	9.84	10.15	10.32

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

11/07/2019



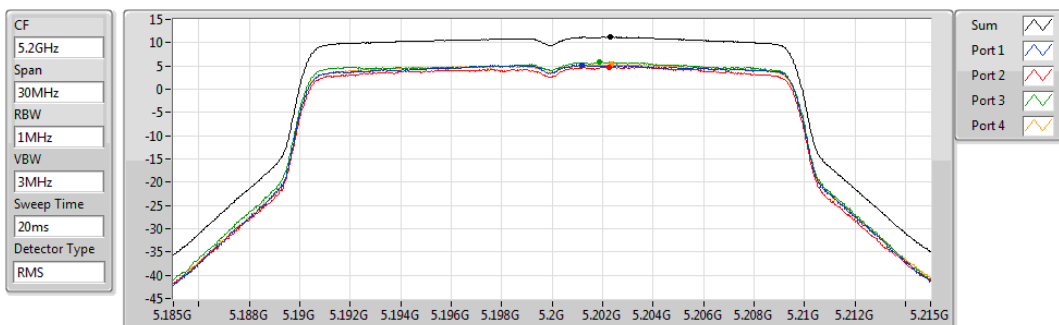
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.04	11.04	5.08	4.42	5.83	5.30

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

11/07/2019



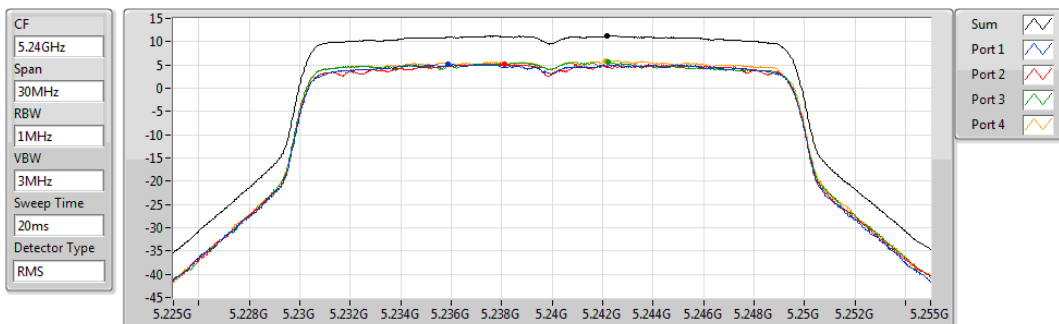
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.22	11.22	5.26	4.77	5.83	5.31

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

11/07/2019



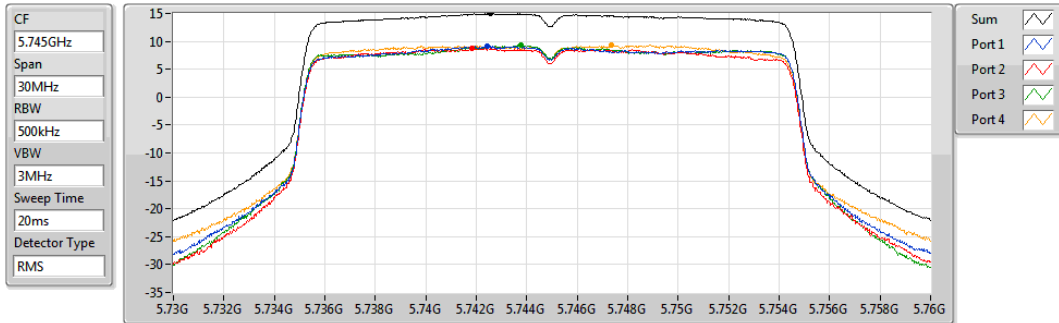
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.28	11.28	5.15	5.05	5.61	5.96

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

09/07/2019



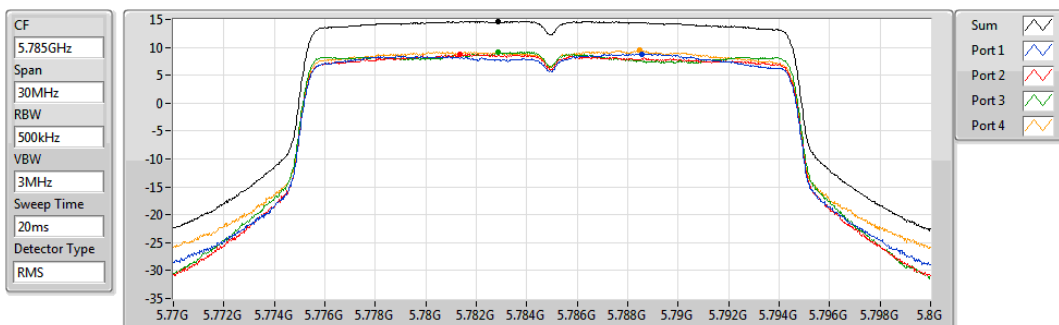
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.97	14.97	9.13	8.74	9.30	9.38

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

09/07/2019



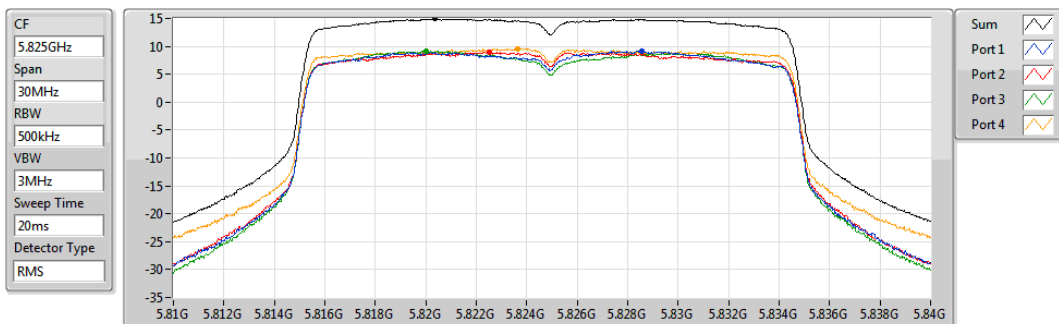
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.65	14.65	8.81	8.80	9.17	9.45

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

09/07/2019



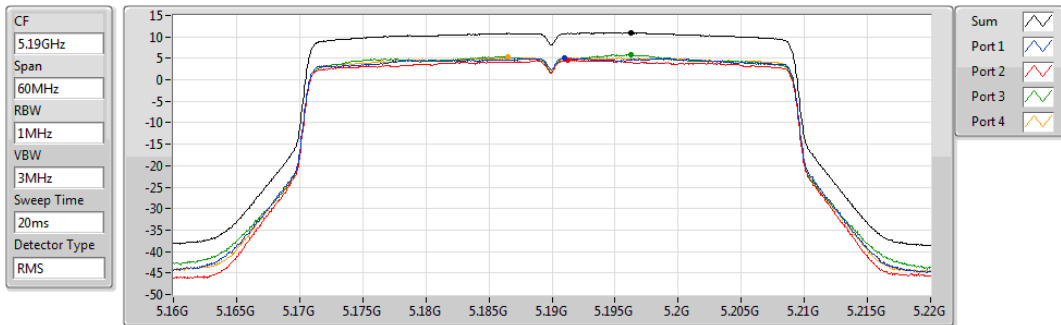
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.91	14.91	9.13	8.93	9.23	9.59

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

11/07/2019



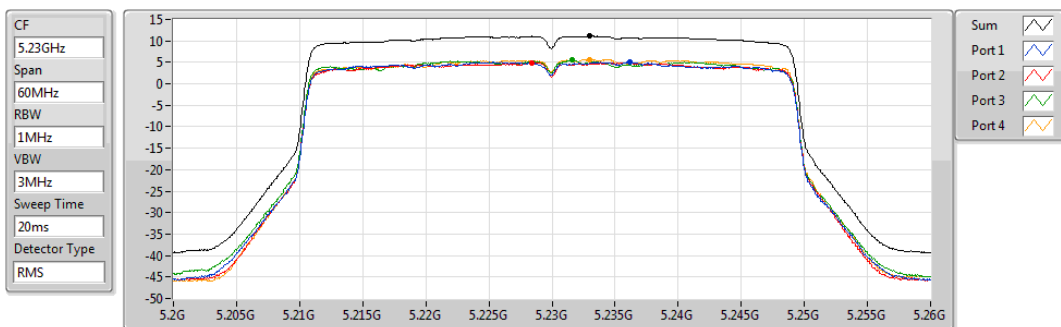
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.00	11.00	5.07	4.59	5.90	5.23

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

11/07/2019



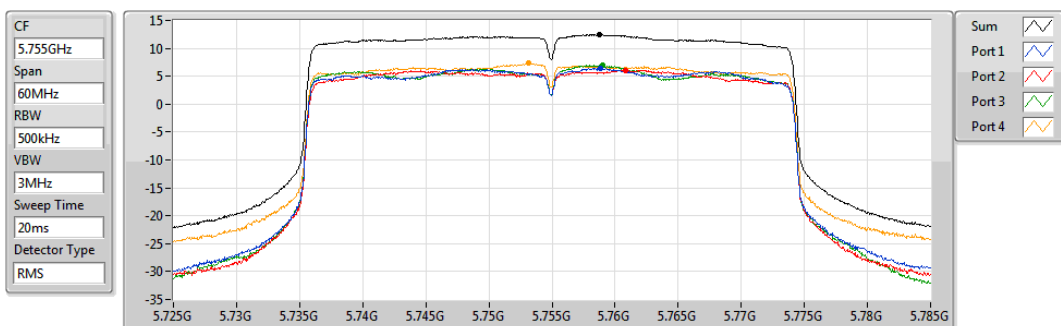
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.10	11.10	5.06	4.94	5.64	5.61

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

09/07/2019



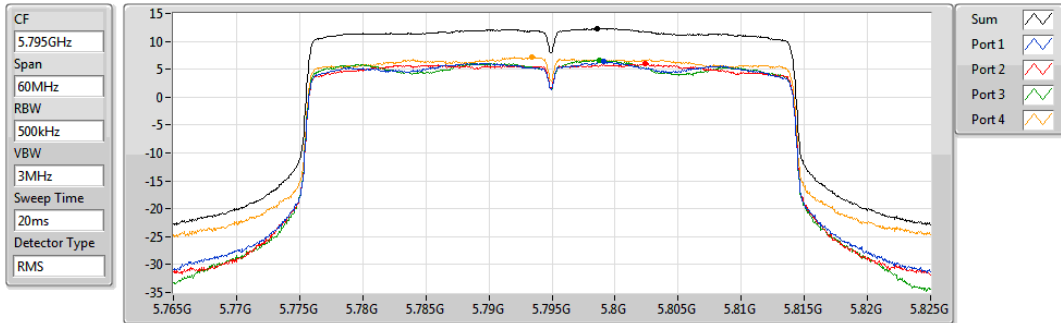
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.45	12.45	6.42	6.09	7.00	7.29

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

09/07/2019



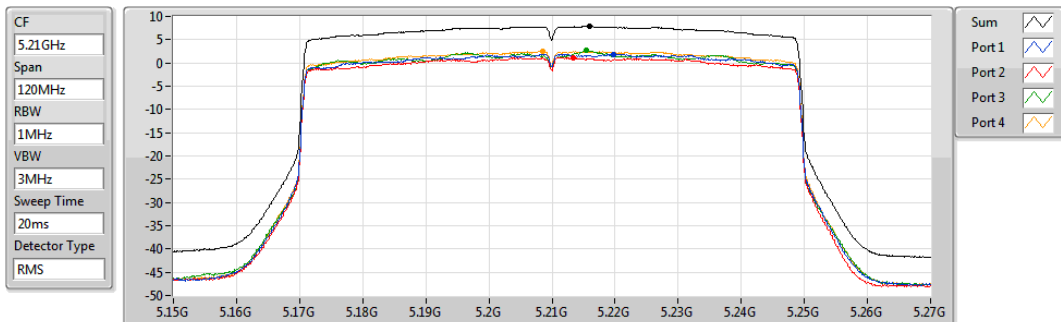
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.31	12.31	6.39	5.95	6.68	7.15

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

09/07/2019



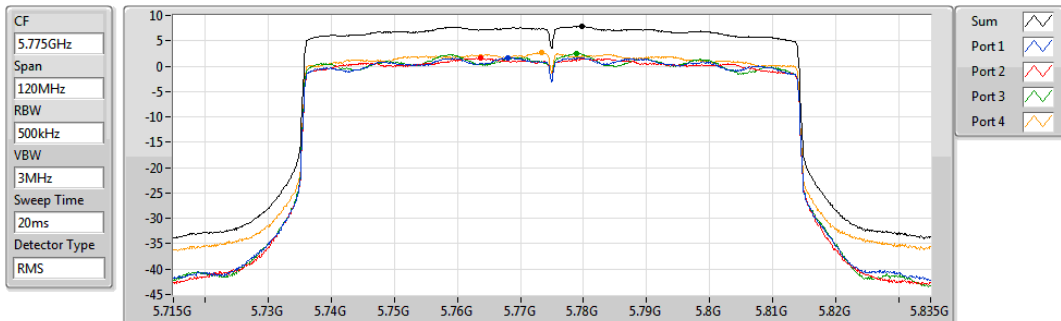
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.91	7.91	1.88	1.16	2.62	2.49

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

09/07/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.87	7.87	1.72	1.59	2.48	2.68

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.83
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.99
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.22
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.32
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.27
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.51

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.25	4.38	4.62	5.14	5.19	10.56	11.75
5200MHz	Pass	11.25	4.80	3.82	5.21	4.92	10.58	11.75
5240MHz	Pass	11.25	4.21	4.64	5.61	5.21	10.83	11.75
5745MHz	Pass	11.25	2.68	1.83	2.58	3.20	8.43	24.75
5785MHz	Pass	11.25	2.51	1.76	3.24	3.69	8.67	24.75
5825MHz	Pass	11.25	3.10	3.49	3.57	4.24	9.32	24.75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.25	1.73	0.95	2.41	3.04	7.61	11.75
5230MHz	Pass	11.25	1.28	1.84	2.81	2.23	7.99	11.75
5755MHz	Pass	11.25	-0.17	-0.16	-0.04	1.08	5.94	24.75
5795MHz	Pass	11.25	0.45	0.21	0.59	0.65	6.27	24.75
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.25	-1.28	-2.07	-0.98	-1.13	4.22	11.75
5775MHz	Pass	11.25	-3.47	-3.72	-2.28	-2.55	2.51	24.75

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

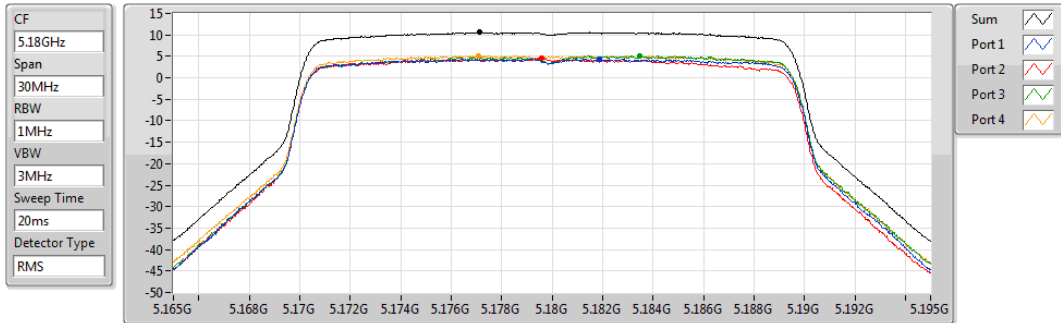
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

11/07/2019



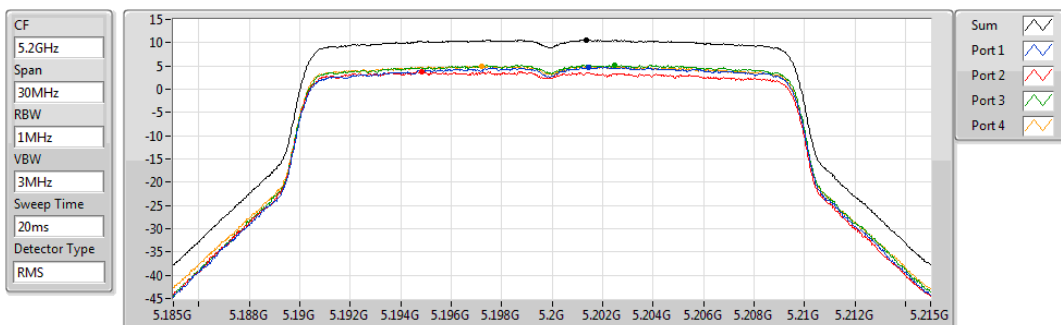
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.56	10.56	4.38	4.62	5.14	5.19

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

11/07/2019



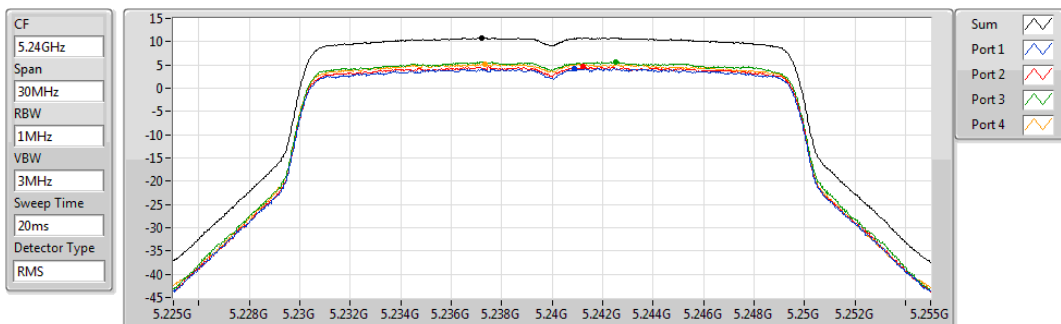
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.58	10.58	4.80	3.82	5.21	4.92

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

11/07/2019



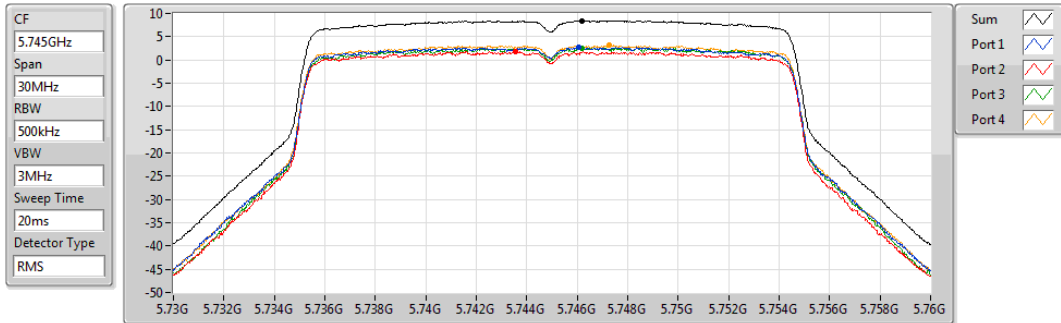
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.83	10.83	4.21	4.64	5.61	5.21

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

11/07/2019



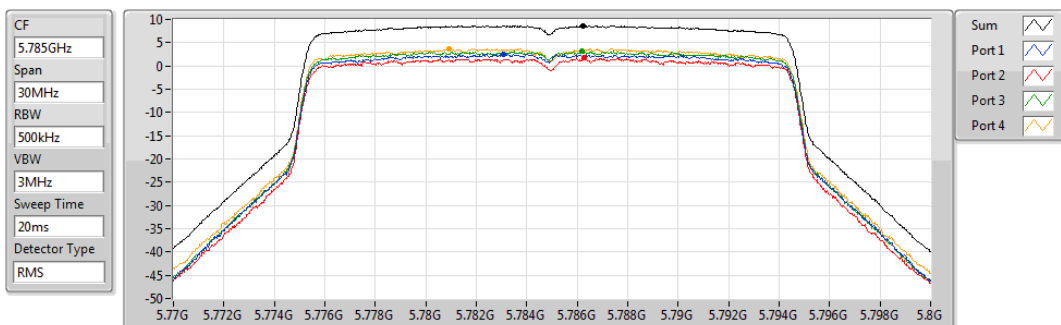
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.43	8.43	2.68	1.83	2.58	3.20

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

11/07/2019



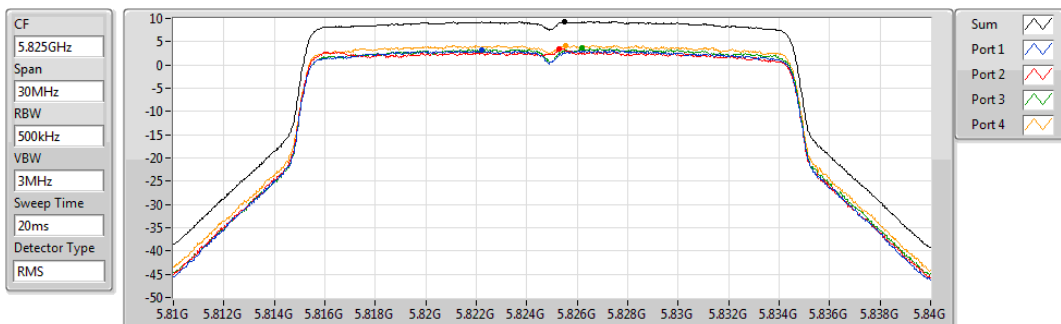
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.67	8.67	2.51	1.76	3.24	3.69

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

11/07/2019



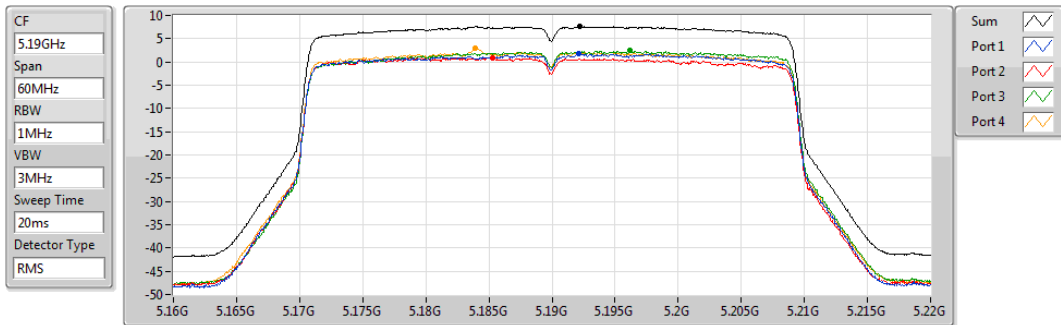
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.32	9.32	3.10	3.49	3.57	4.24

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

11/07/2019



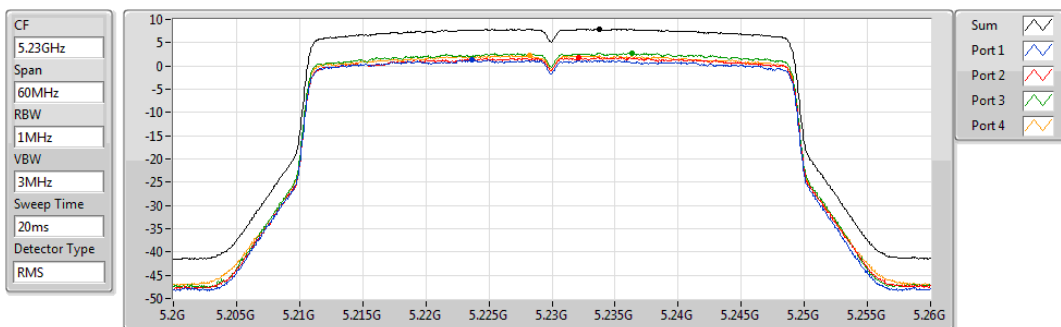
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.61	7.61	1.73	0.95	2.41	3.04

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

11/07/2019



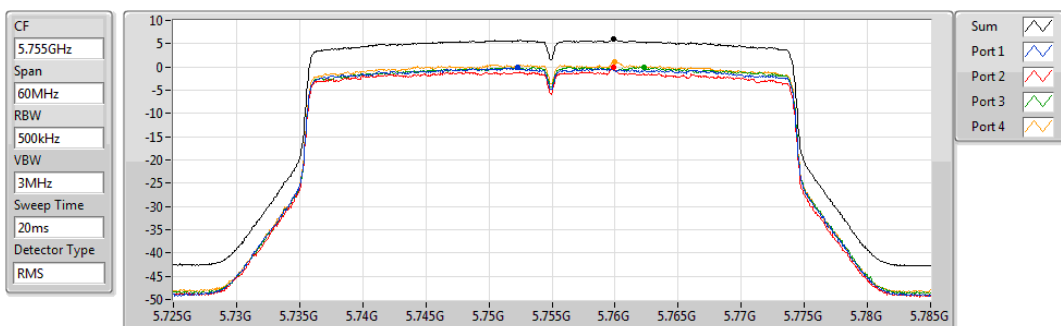
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.99	7.99	1.28	1.84	2.81	2.23

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

11/07/2019



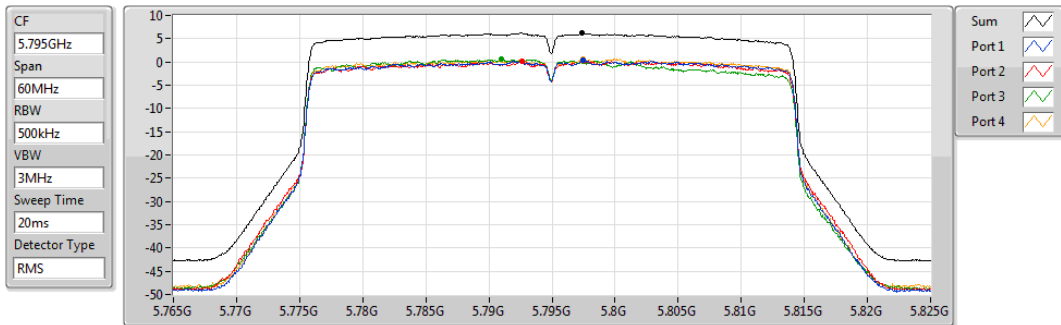
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.94	5.94	-0.17	-0.16	-0.04	1.08

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

11/07/2019



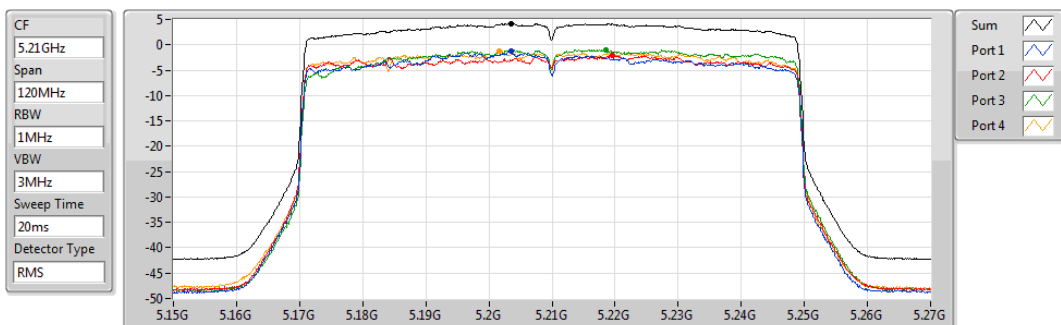
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.27	6.27	0.45	0.21	0.59	0.65

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

11/07/2019



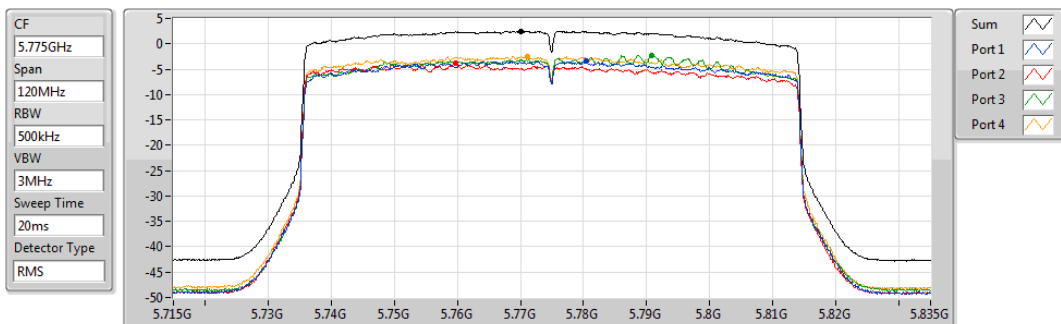
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.22	4.22	-1.28	-2.07	-0.98	-1.13

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

11/07/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.51	2.51	-3.47	-3.72	-2.28	-2.55

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	13.7
802.11ax HEW20_Nss1,(MCS0)_1TX	13.38
802.11ax HEW40_Nss1,(MCS0)_1TX	10.15
802.11ax HEW80_Nss1,(MCS0)_1TX	4.2
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	12.39
802.11ax HEW20_Nss1,(MCS0)_1TX	11.57
802.11ax HEW40_Nss1,(MCS0)_1TX	8.56
802.11ax HEW80_Nss1,(MCS0)_1TX	3.69

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	9.27	12.75	12.75	13.73
5200MHz	Pass	9.27	13.63	13.63	13.73
5240MHz	Pass	9.27	13.7	13.70	13.73
5745MHz	Pass	9.27	12.17	12.17	26.73
5785MHz	Pass	9.27	12.02	12.02	26.73
5825MHz	Pass	9.27	12.39	12.39	26.73
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	9.27	11.86	11.86	13.73
5200MHz	Pass	9.27	13.25	13.25	13.73
5240MHz	Pass	9.27	13.38	13.38	13.73
5745MHz	Pass	9.27	11.35	11.35	26.73
5785MHz	Pass	9.27	11.16	11.16	26.73
5825MHz	Pass	9.27	11.57	11.57	26.73
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	9.27	7.16	7.16	13.73
5230MHz	Pass	9.27	10.15	10.15	13.73
5755MHz	Pass	9.27	8.56	8.56	26.73
5795MHz	Pass	9.27	8.52	8.52	26.73
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	9.27	4.2	4.20	13.73
5775MHz	Pass	9.27	3.69	3.69	26.73

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

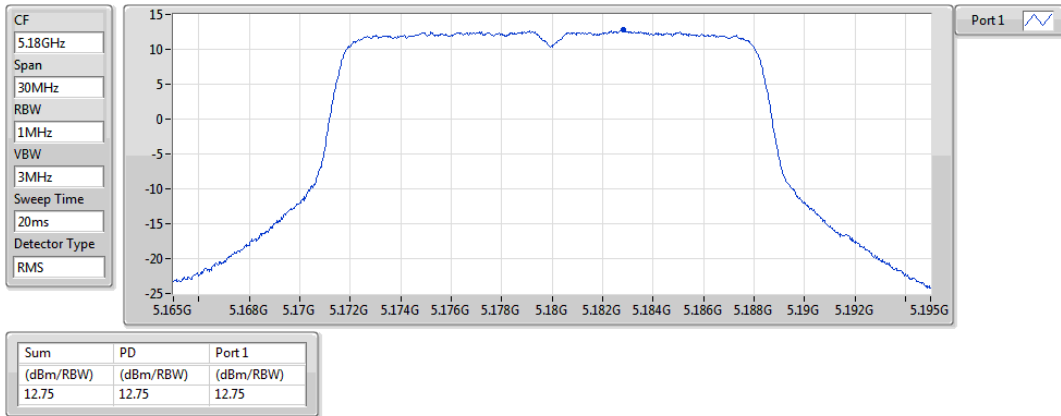
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

09/07/2019

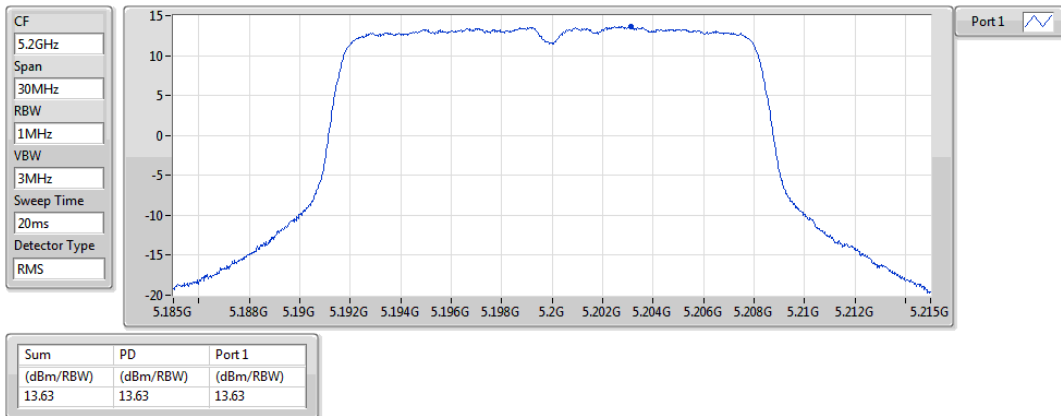


802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

08/07/2019

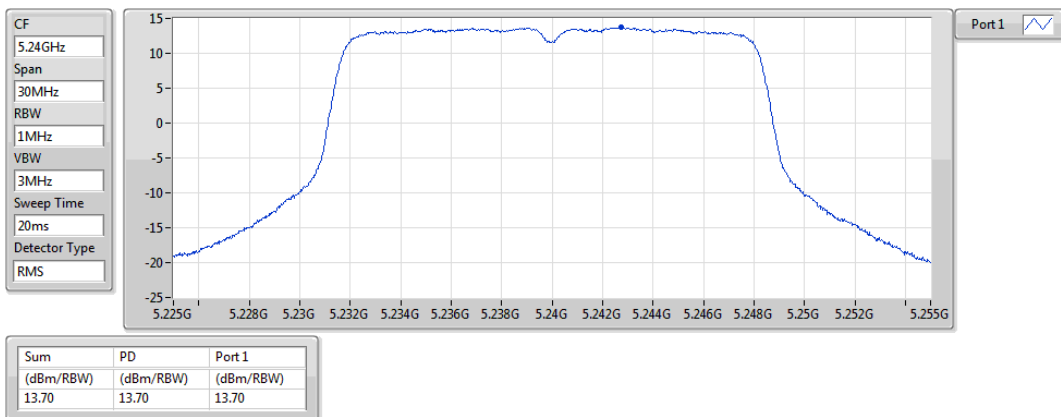


802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

08/07/2019

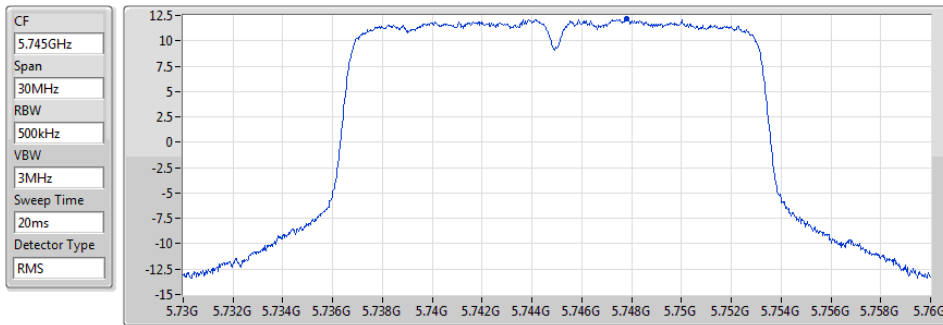


802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

08/07/2019



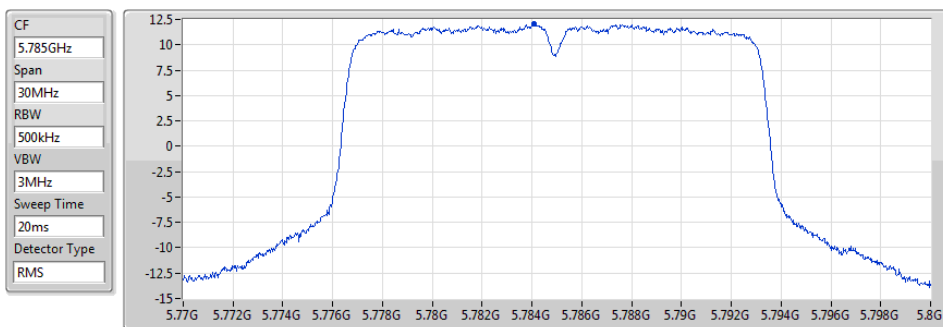
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.17	12.17	12.17

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

08/07/2019



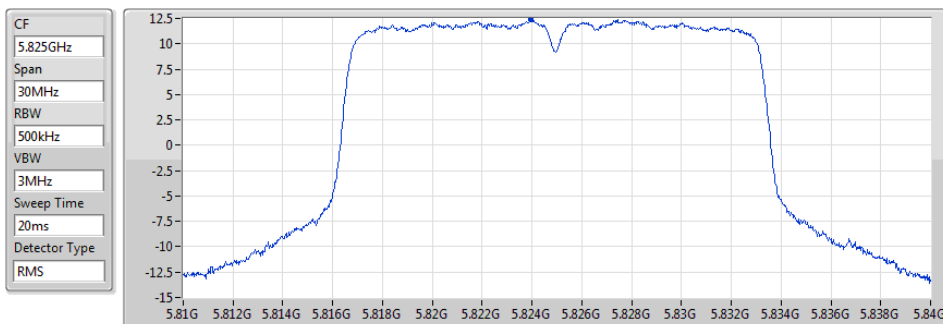
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.02	12.02	12.02

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

08/07/2019



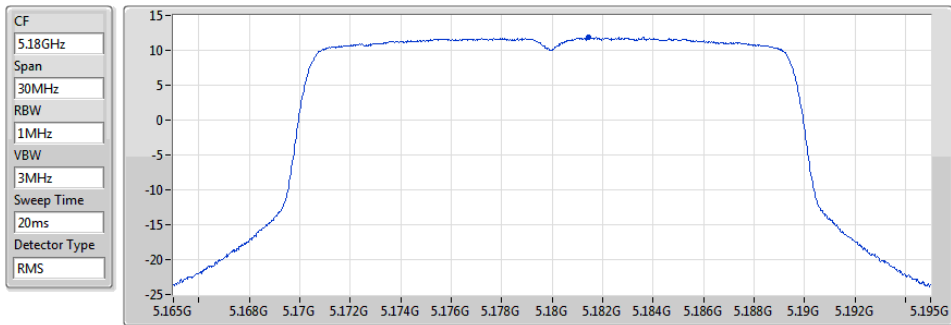
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.39	12.39	12.39

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5180MHz

09/07/2019



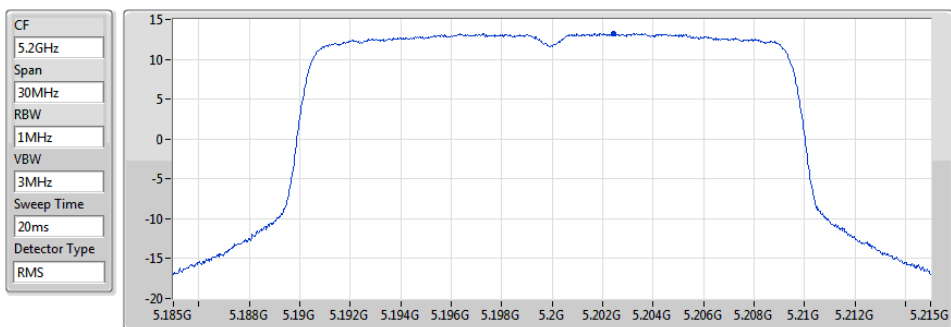
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.86	11.86	11.86

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5200MHz

09/07/2019



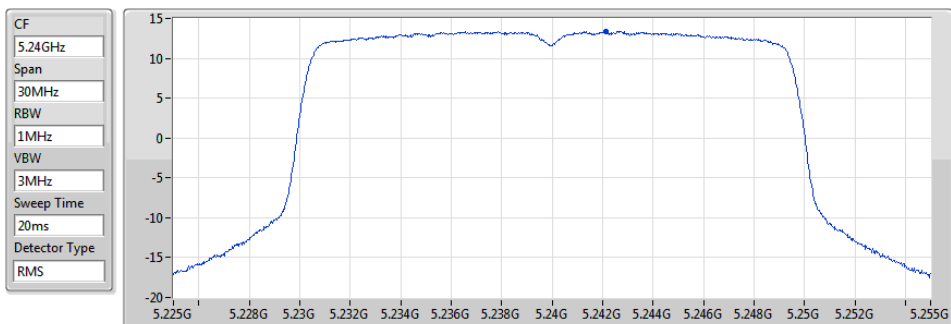
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.25	13.25	13.25

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5240MHz

09/07/2019



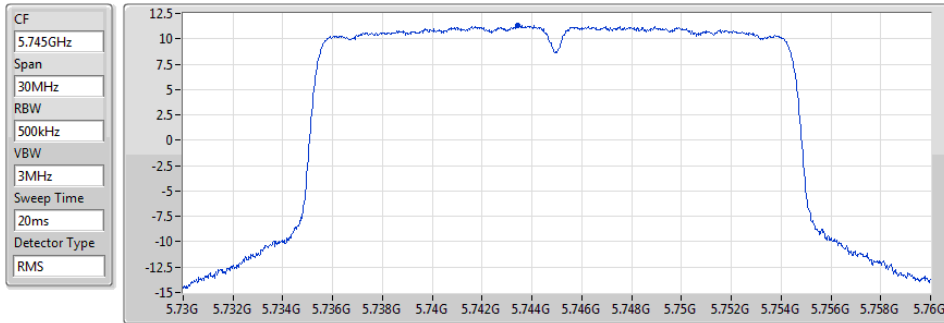
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.38	13.38	13.38

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5745MHz

08/07/2019



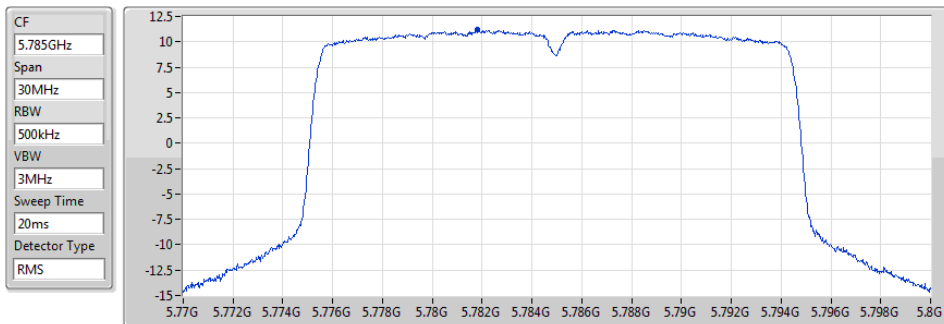
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.35	11.35	11.35

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5785MHz

08/07/2019



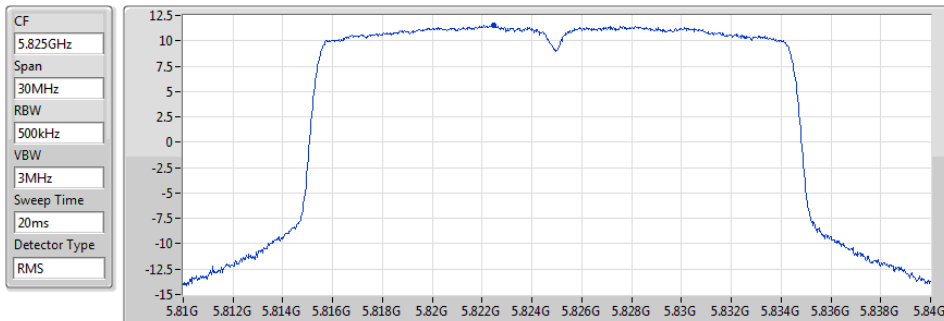
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.16	11.16	11.16

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5825MHz

08/07/2019



Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.57	11.57	11.57

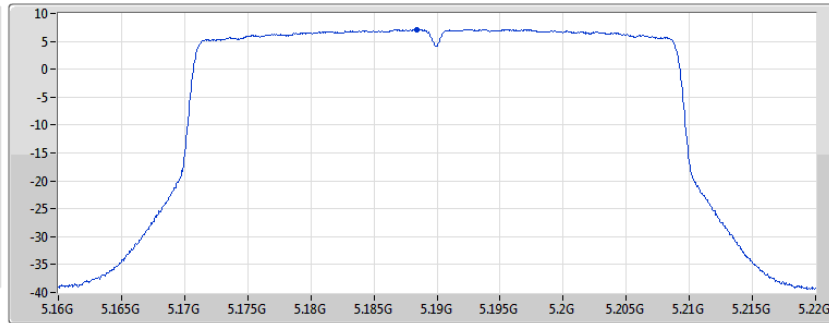
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5190MHz

09/07/2019

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.16	7.16	7.16

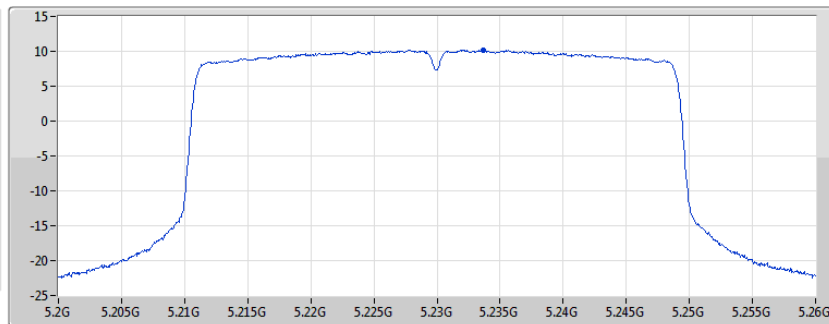
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5230MHz

09/07/2019

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.15	10.15	10.15

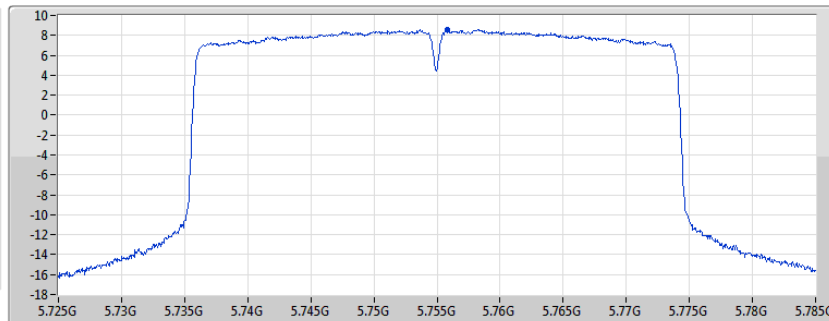
802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5755MHz

09/07/2019

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



Port 1

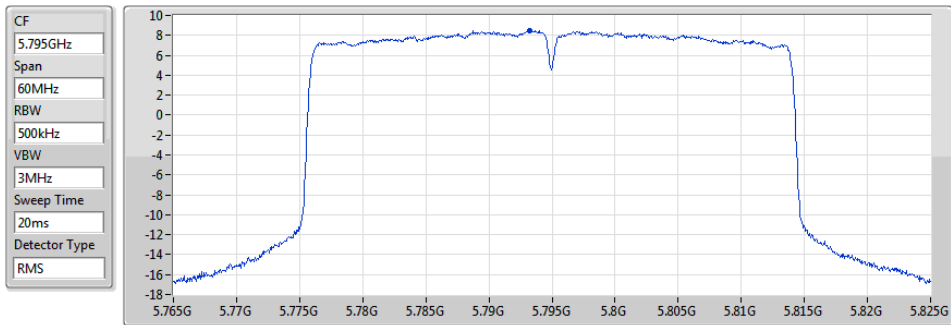
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.56	8.56	8.56

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5795MHz

09/07/2019



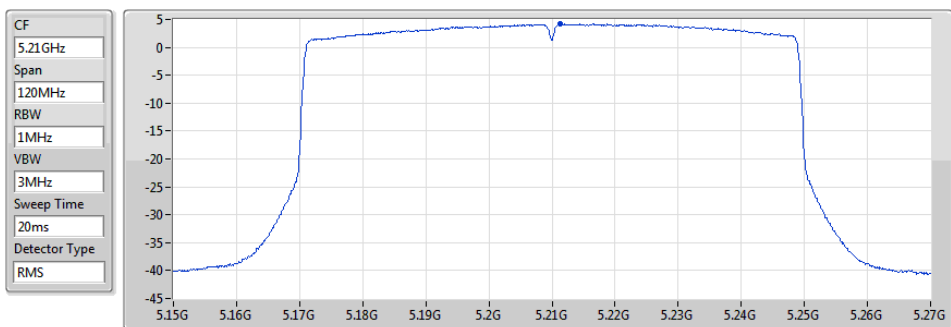
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.52	8.52	8.52

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5210MHz

08/07/2019



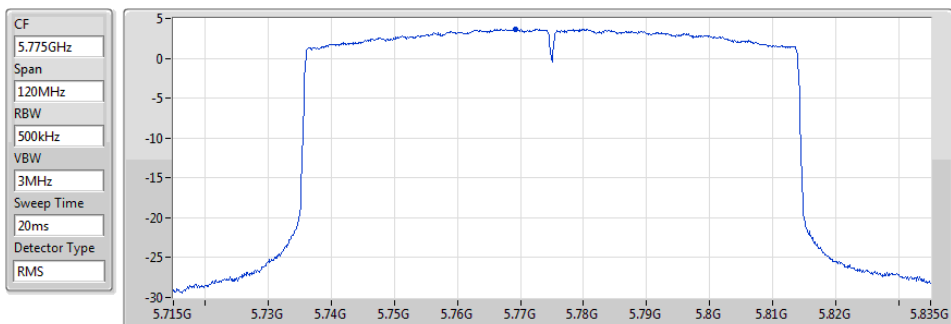
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.20	4.20	4.20

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5775MHz

08/07/2019



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.69	3.69	3.69

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.50
802.11ax HEW20_Nss1,(MCS0)_2TX	9.47
802.11ax HEW40_Nss1,(MCS0)_2TX	9.34
802.11ax HEW80_Nss1,(MCS0)_2TX	4.94
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	11.71
802.11ax HEW20_Nss1,(MCS0)_2TX	11.09
802.11ax HEW40_Nss1,(MCS0)_2TX	7.74
802.11ax HEW80_Nss1,(MCS0)_2TX	5.00

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)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	12.73	6.87	6.27	9.50	10.27
5200MHz	Pass	12.73	6.96	6.28	9.43	10.27
5240MHz	Pass	12.73	6.54	6.16	9.30	10.27
5745MHz	Pass	12.73	8.92	8.52	11.61	23.27
5785MHz	Pass	12.73	8.98	8.59	11.71	23.27
5825MHz	Pass	12.73	8.97	8.35	11.48	23.27
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	12.73	6.79	6.32	9.47	10.27
5200MHz	Pass	12.73	6.51	5.97	9.16	10.27
5240MHz	Pass	12.73	6.54	6.33	9.30	10.27
5745MHz	Pass	12.73	8.39	7.86	11.01	23.27
5785MHz	Pass	12.73	8.13	7.83	10.87	23.27
5825MHz	Pass	12.73	8.40	8.05	11.09	23.27
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	12.73	6.36	5.55	8.86	10.27
5230MHz	Pass	12.73	6.66	6.02	9.34	10.27
5755MHz	Pass	12.73	5.12	4.57	7.74	23.27
5795MHz	Pass	12.73	4.96	4.58	7.62	23.27
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	12.73	2.33	1.60	4.94	10.27
5775MHz	Pass	12.73	2.43	1.93	5.00	23.27

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

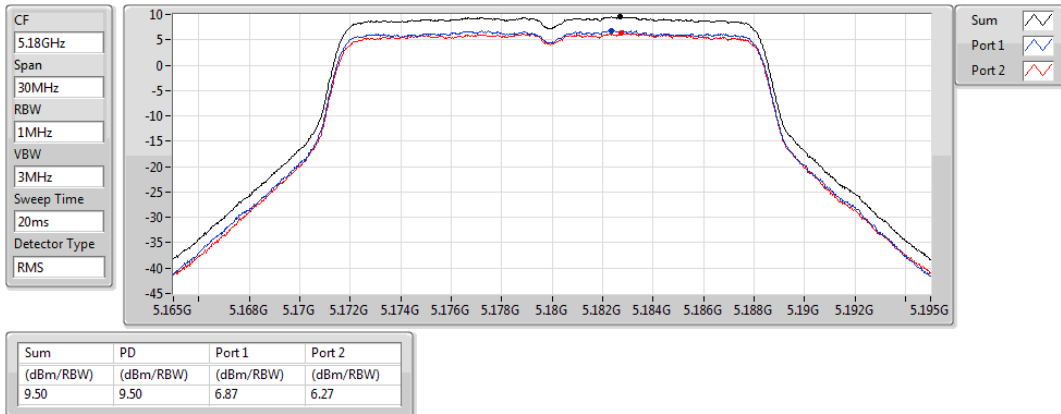
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5180MHz

11/07/2019

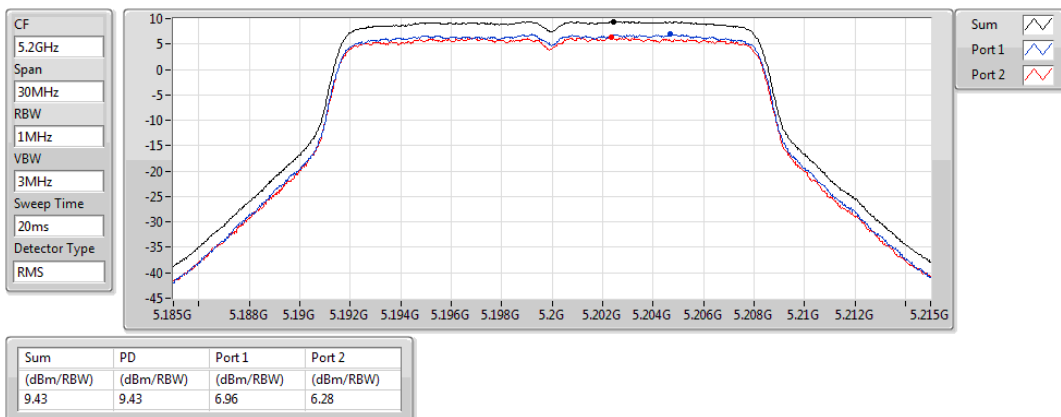


802.11a_Nss1,(6Mbps)_2TX

PSD

5200MHz

11/07/2019

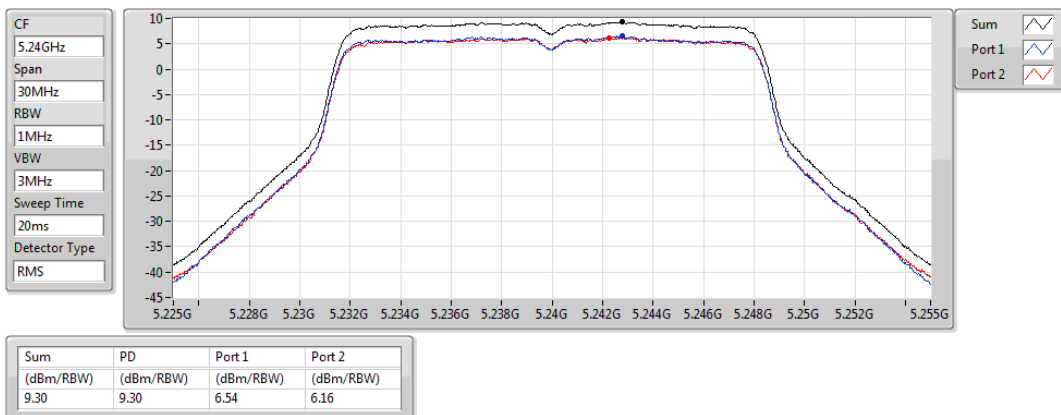


802.11a_Nss1,(6Mbps)_2TX

PSD

5240MHz

11/07/2019

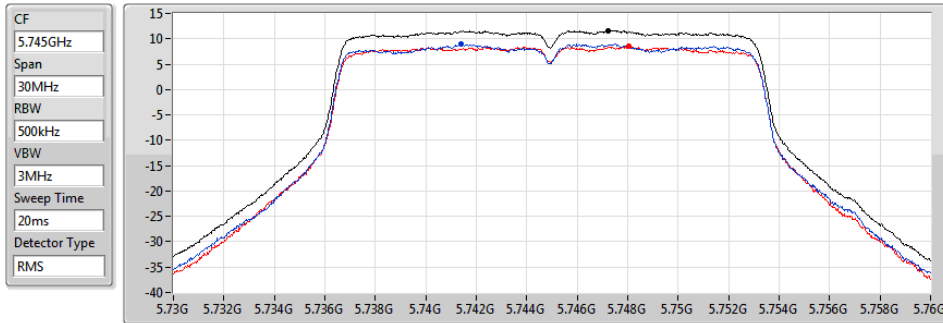


802.11a_Nss1,(6Mbps)_2TX

PSD

5745MHz

09/07/2019



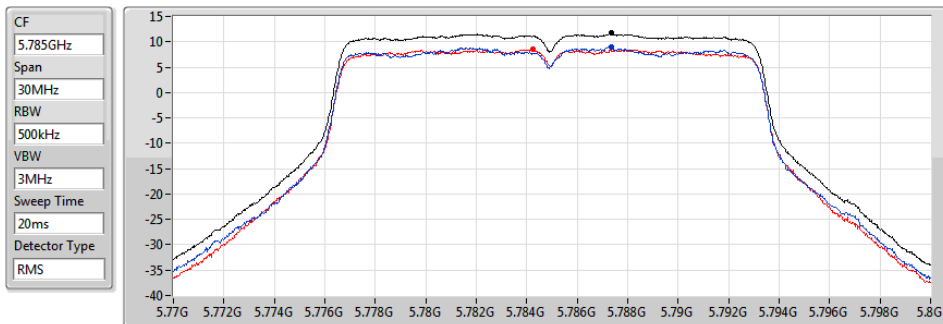
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.61	11.61	8.92	8.52

802.11a_Nss1,(6Mbps)_2TX

PSD

5785MHz

09/07/2019



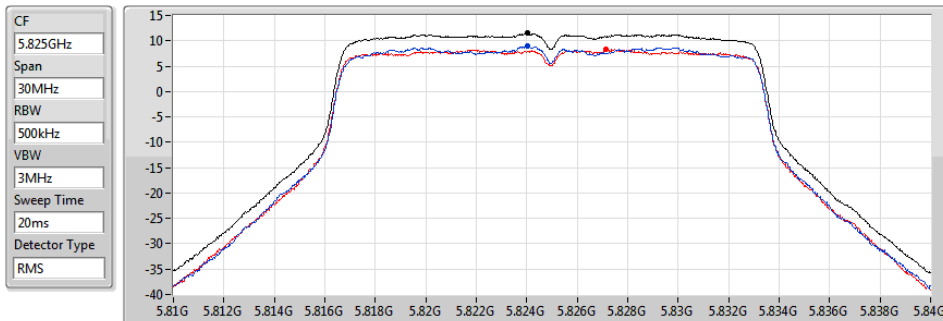
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.71	11.71	8.98	8.59

802.11a_Nss1,(6Mbps)_2TX

PSD

5825MHz

09/07/2019



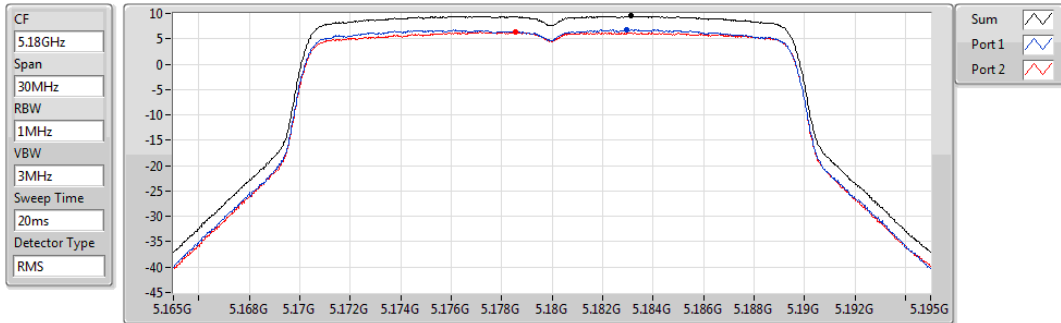
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.48	11.48	8.97	8.35

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5180MHz

11/07/2019



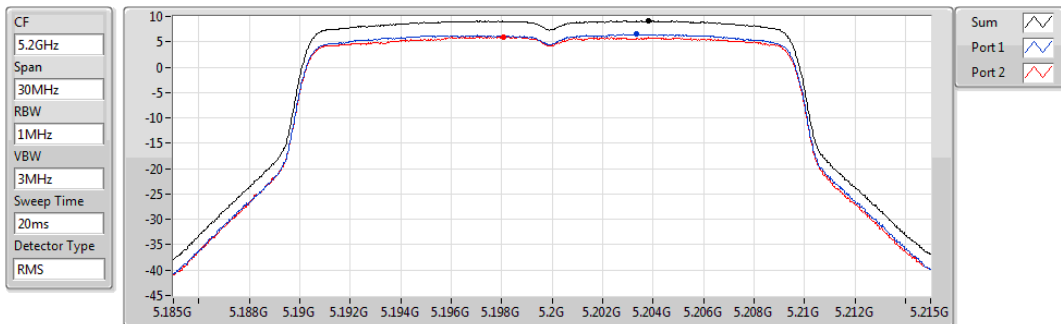
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.47	9.47	6.79	6.32

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5200MHz

11/07/2019



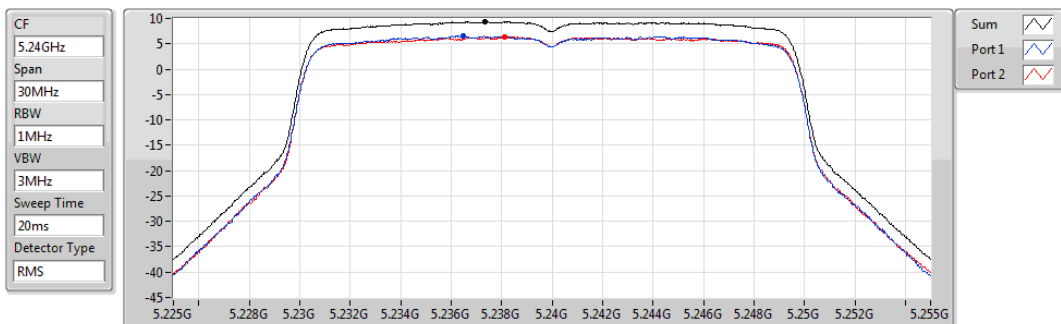
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.16	9.16	6.51	5.97

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5240MHz

11/07/2019



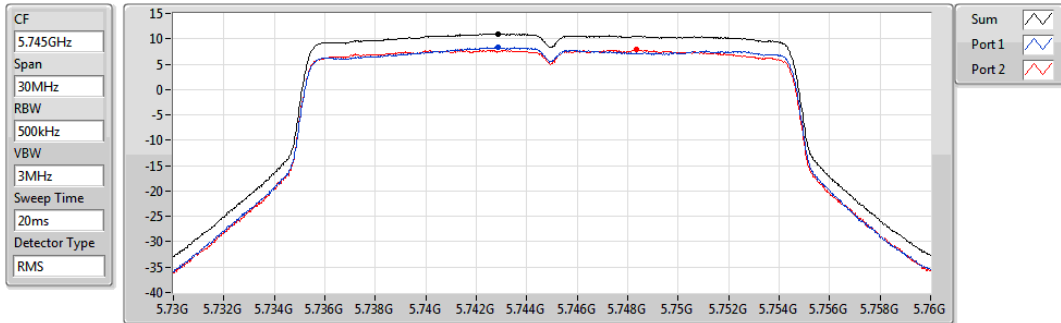
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.30	9.30	6.54	6.33

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5745MHz

09/07/2019



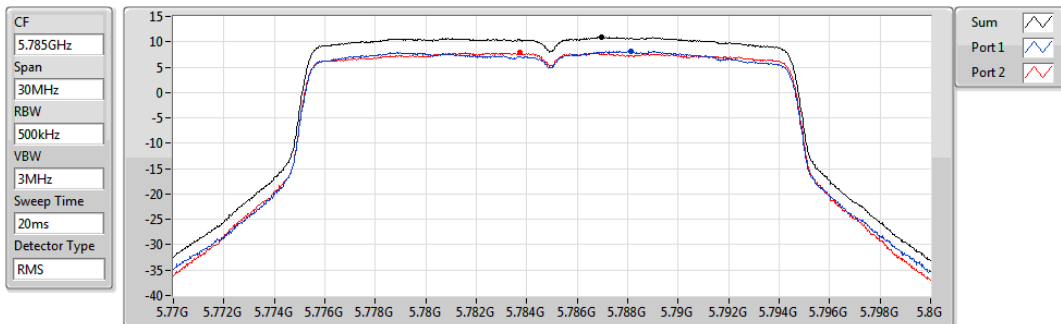
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.01	11.01	8.39	7.86

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5785MHz

09/07/2019



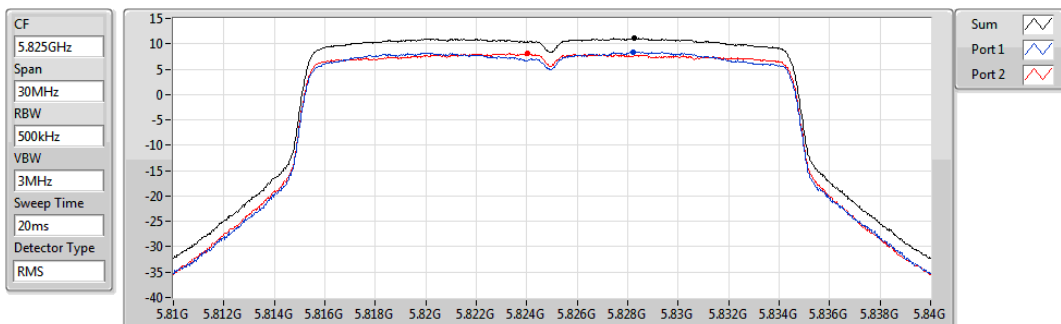
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.87	10.87	8.13	7.83

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5825MHz

09/07/2019



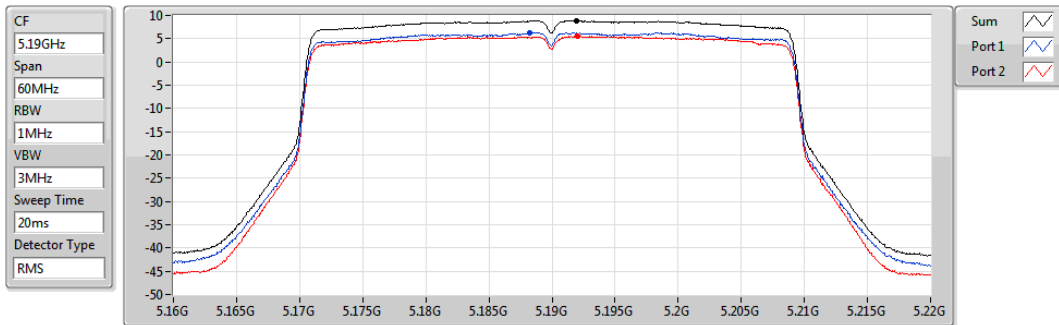
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
11.09	11.09	8.40	8.05

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5190MHz

09/07/2019



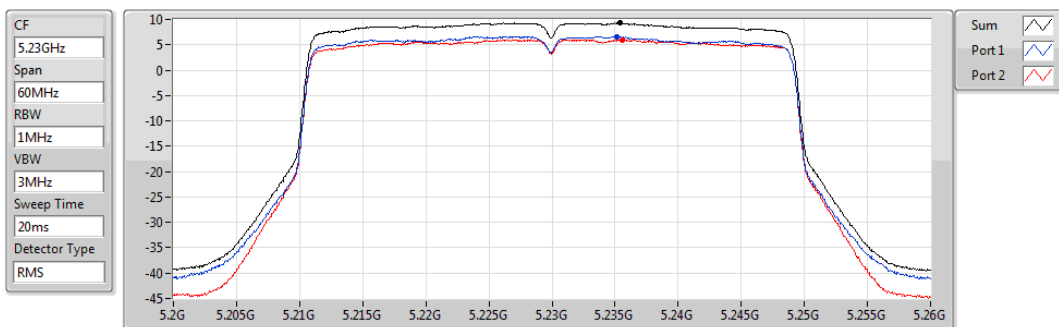
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.86	8.86	6.36	5.55

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5230MHz

11/07/2019



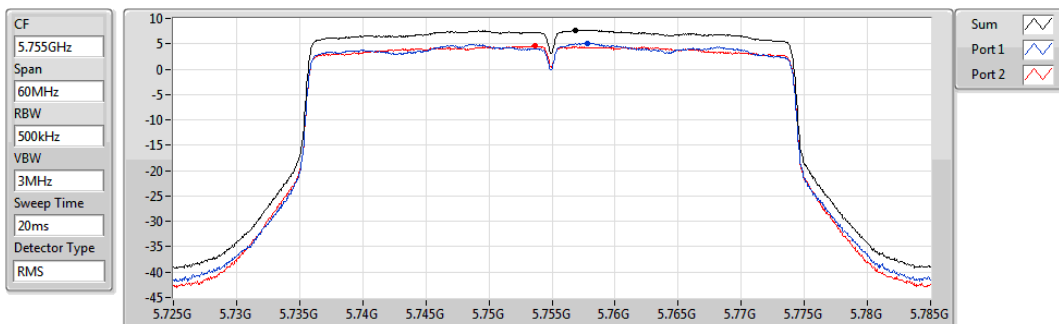
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.34	9.34	6.66	6.02

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5755MHz

09/07/2019



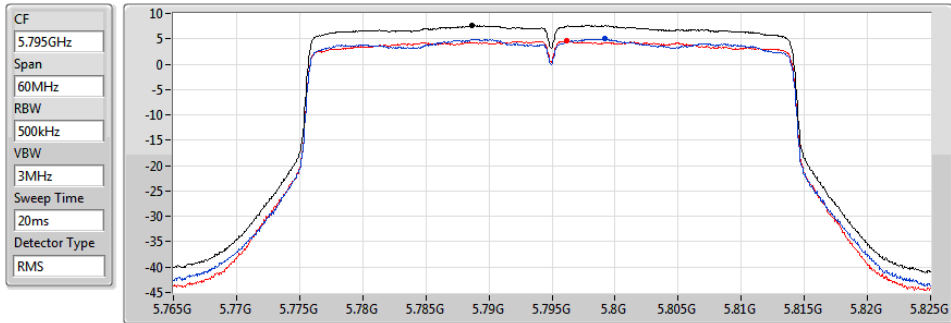
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.74	7.74	5.12	4.57

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5795MHz

09/07/2019



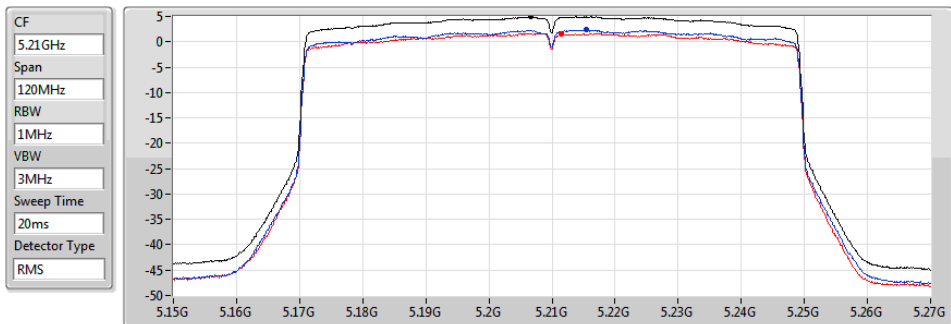
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.62	7.62	4.96	4.58

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5210MHz

09/07/2019



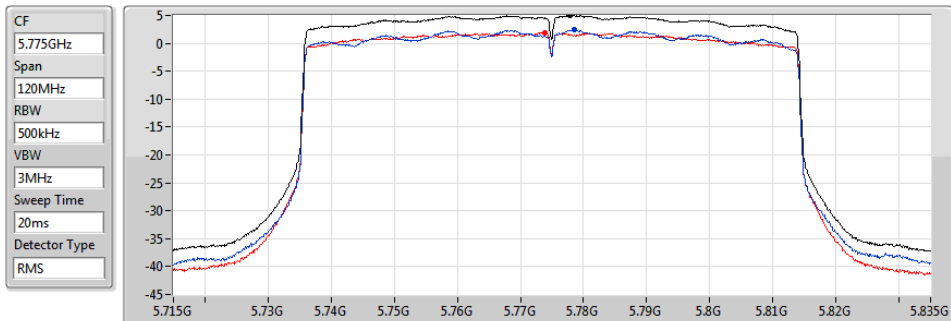
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.94	4.94	2.33	1.60

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5775MHz

09/07/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.00	5.00	2.43	1.93

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.66
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.99
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.24
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	7.08
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.96
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.47

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)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	12.73	6.07	5.57	8.66	10.27
5200MHz	Pass	12.73	5.97	4.98	8.39	10.27
5240MHz	Pass	12.73	5.67	5.75	8.57	10.27
5745MHz	Pass	12.73	4.09	4.20	7.08	23.27
5785MHz	Pass	12.73	4.07	4.22	7.06	23.27
5825MHz	Pass	12.73	4.11	3.72	6.77	23.27
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	12.73	2.45	2.09	4.93	10.27
5230MHz	Pass	12.73	1.97	2.21	4.99	10.27
5755MHz	Pass	12.73	0.98	1.15	3.96	23.27
5795MHz	Pass	12.73	0.32	1.60	3.95	23.27
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	12.73	-0.09	-1.12	2.24	10.27
5775MHz	Pass	12.73	-2.72	-1.35	0.47	23.27

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

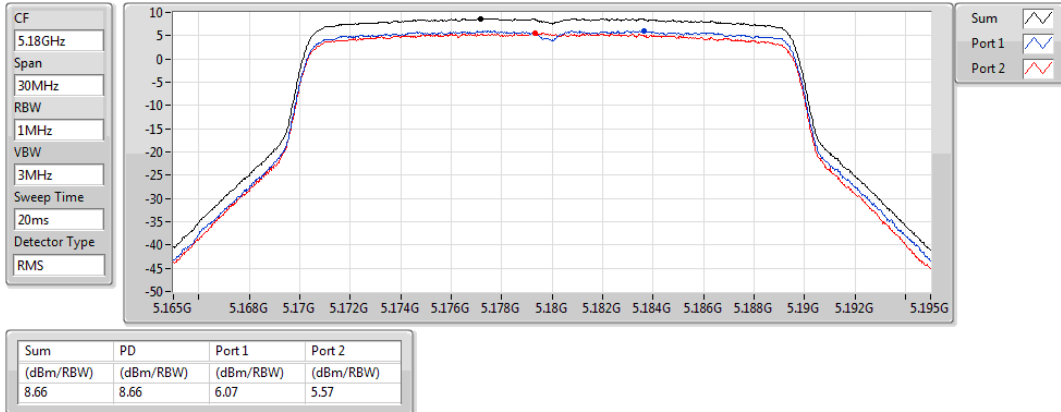
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5180MHz

10/07/2019

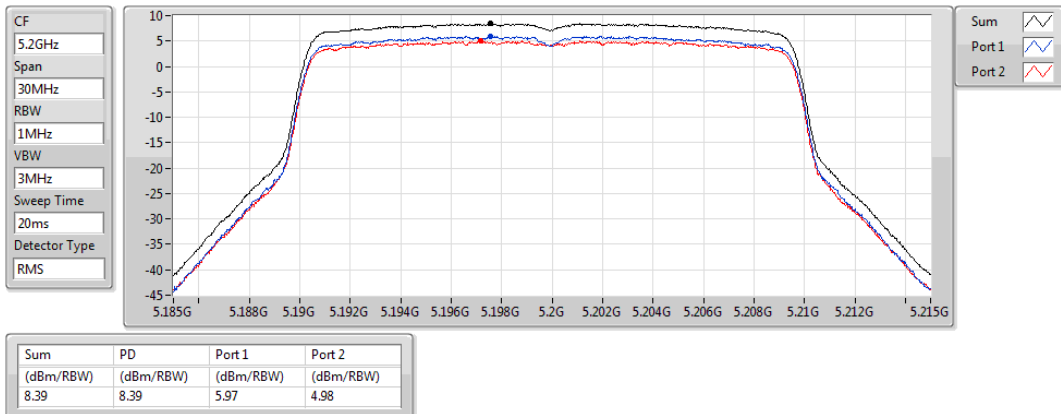


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5200MHz

10/07/2019

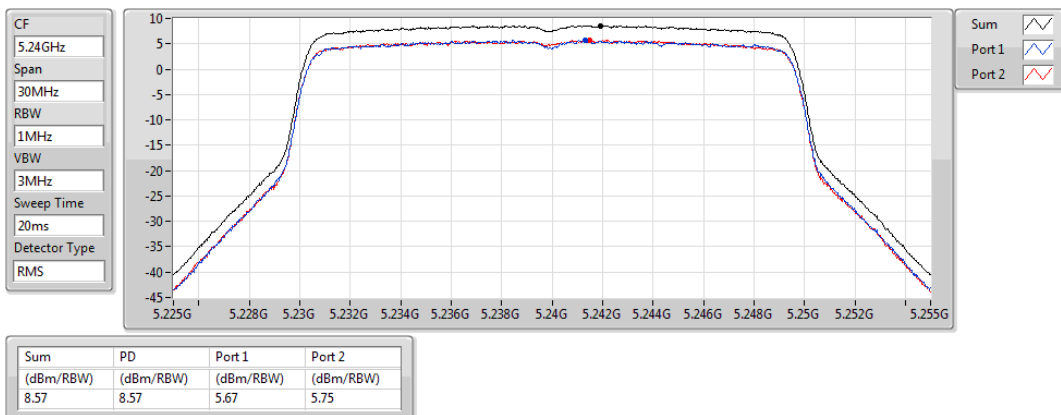


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5240MHz

10/07/2019

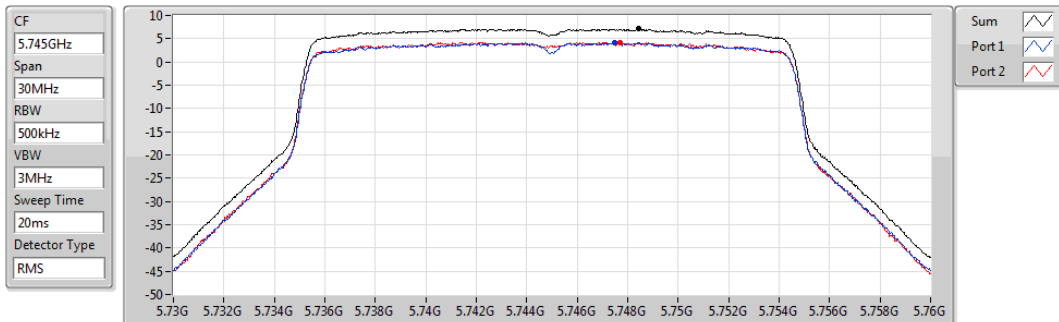


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5745MHz

10/07/2019



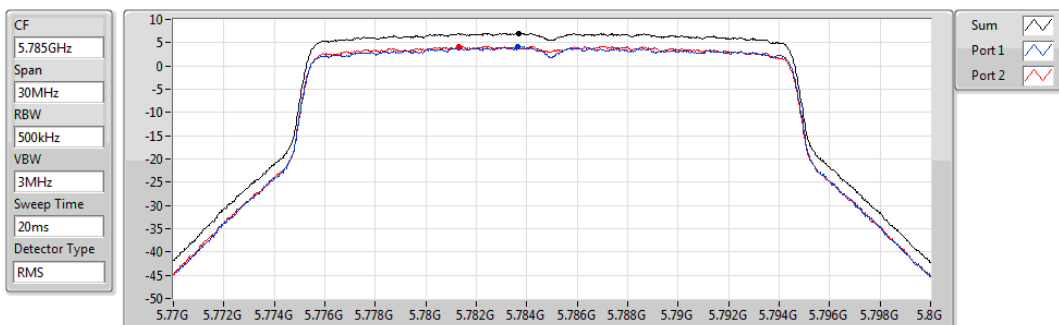
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.08	7.08	4.09	4.20

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5785MHz

10/07/2019



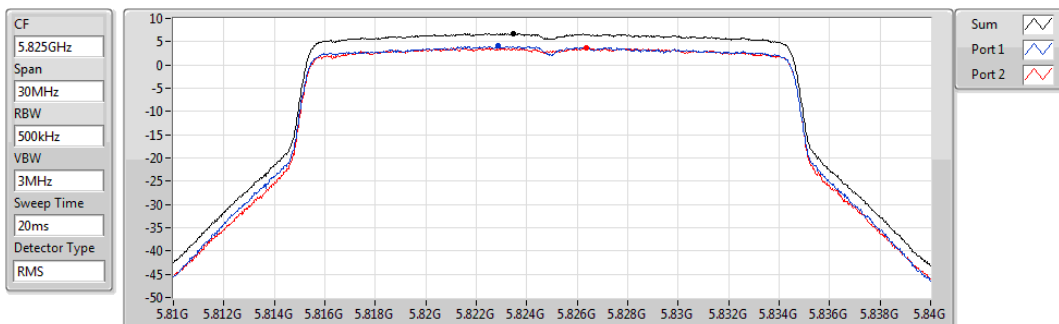
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.06	7.06	4.07	4.22

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5825MHz

10/07/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.77	6.77	4.11	3.72

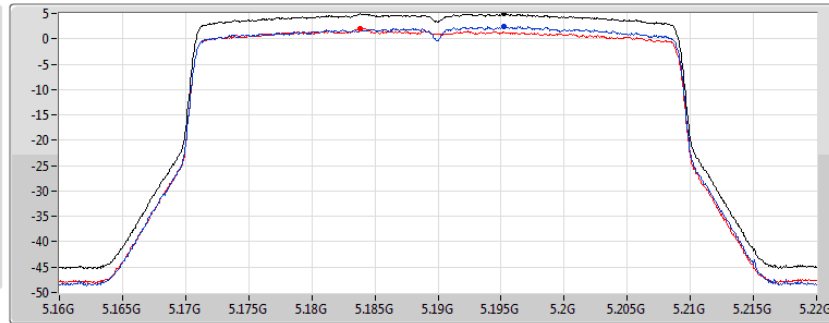
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5190MHz

10/07/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.93	4.93	2.45	2.09

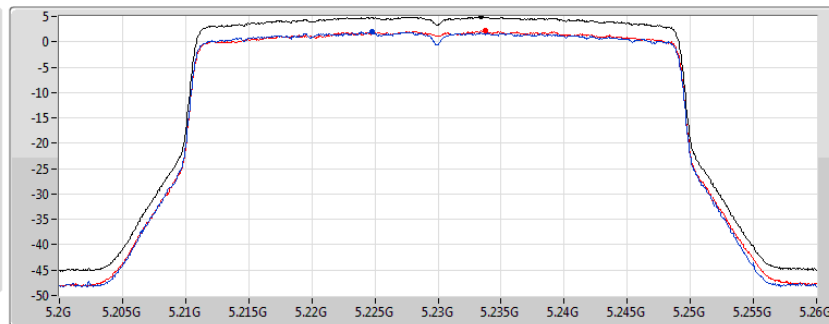
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5230MHz

10/07/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.99	4.99	1.97	2.21

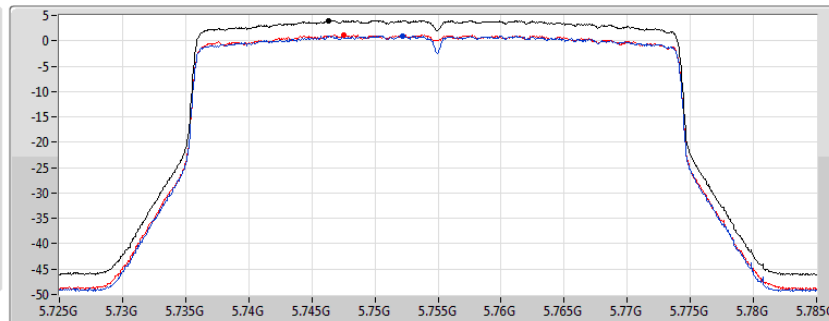
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5755MHz

10/07/2019

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



Sum
Port 1
Port 2

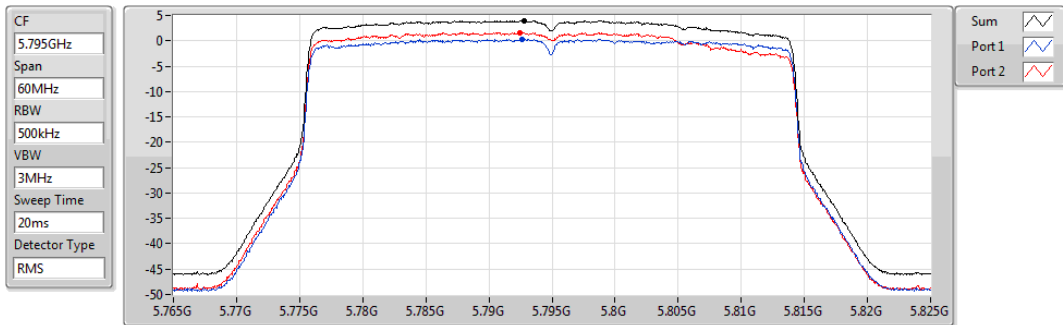
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.96	3.96	0.98	1.15

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5795MHz

10/07/2019



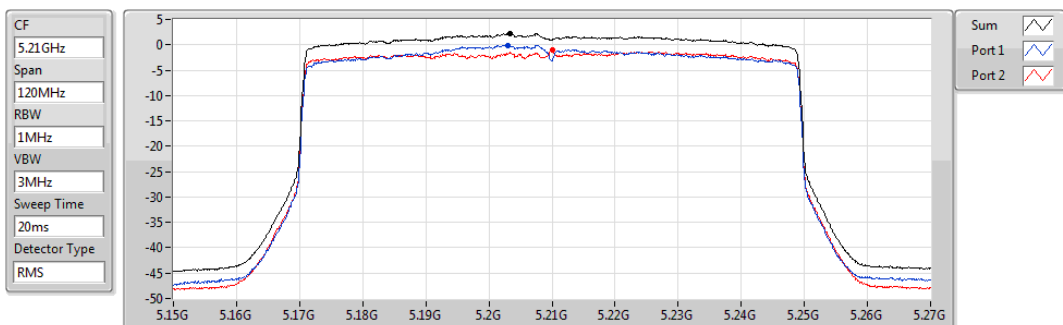
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.95	3.95	0.32	1.60

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5210MHz

10/07/2019



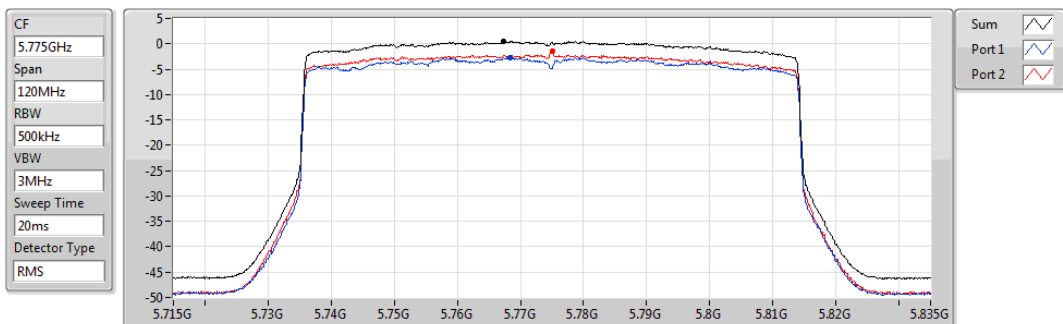
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.24	2.24	-0.09	-1.12

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5775MHz

10/07/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.47	0.47	-2.72	-1.35

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	6.49
802.11ax HEW20_Nss1,(MCS0)_4TX	6.50
802.11ax HEW40_Nss1,(MCS0)_4TX	6.50
802.11ax HEW80_Nss1,(MCS0)_4TX	4.82
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	11.72
802.11ax HEW20_Nss1,(MCS0)_4TX	10.83
802.11ax HEW40_Nss1,(MCS0)_4TX	8.03
802.11ax HEW80_Nss1,(MCS0)_4TX	4.95

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	15.75	0.04	-0.29	0.93	0.29	6.12	7.25
5200MHz	Pass	15.75	0.12	-0.24	1.08	0.44	6.28	7.25
5240MHz	Pass	15.75	0.27	0.08	0.70	1.18	6.49	7.25
5745MHz	Pass	15.75	5.65	5.03	6.29	6.08	11.57	20.25
5785MHz	Pass	15.75	5.64	5.45	5.55	6.08	11.36	20.25
5825MHz	Pass	15.75	5.88	5.58	6.11	6.15	11.72	20.25
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	15.75	0.33	-0.07	1.14	0.46	6.37	7.25
5200MHz	Pass	15.75	0.50	0.33	1.22	0.63	6.50	7.25
5240MHz	Pass	15.75	-0.20	-0.00	0.50	0.91	6.17	7.25
5745MHz	Pass	15.75	4.93	4.64	5.34	5.35	10.65	20.25
5785MHz	Pass	15.75	4.81	4.79	5.12	5.40	10.64	20.25
5825MHz	Pass	15.75	5.06	5.17	5.31	5.57	10.83	20.25
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	15.75	0.45	0.29	1.16	0.83	6.50	7.25
5230MHz	Pass	15.75	0.12	0.18	0.47	0.73	6.31	7.25
5755MHz	Pass	15.75	2.07	1.71	2.84	2.77	8.03	20.25
5795MHz	Pass	15.75	1.85	1.48	2.59	2.74	7.93	20.25
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	15.75	-1.42	-1.38	-0.37	-0.91	4.82	7.25
5775MHz	Pass	15.75	-0.98	-1.35	-0.36	-0.48	4.95	20.25

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

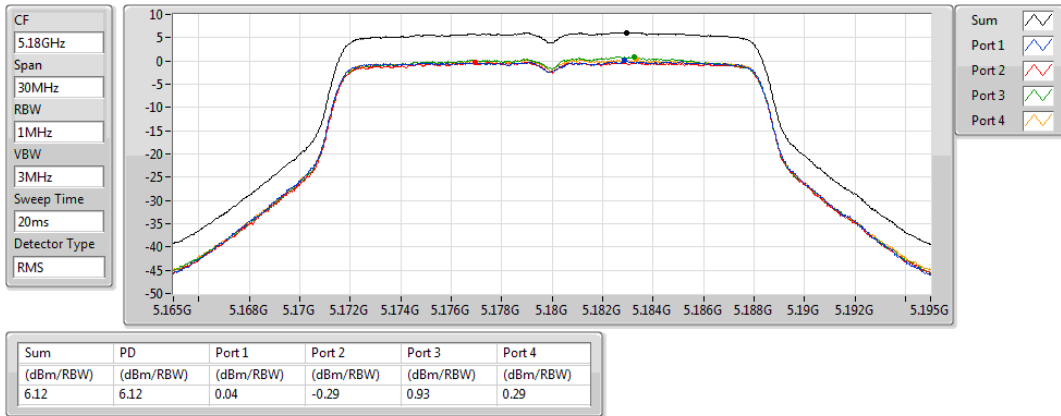
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5180MHz

11/07/2019

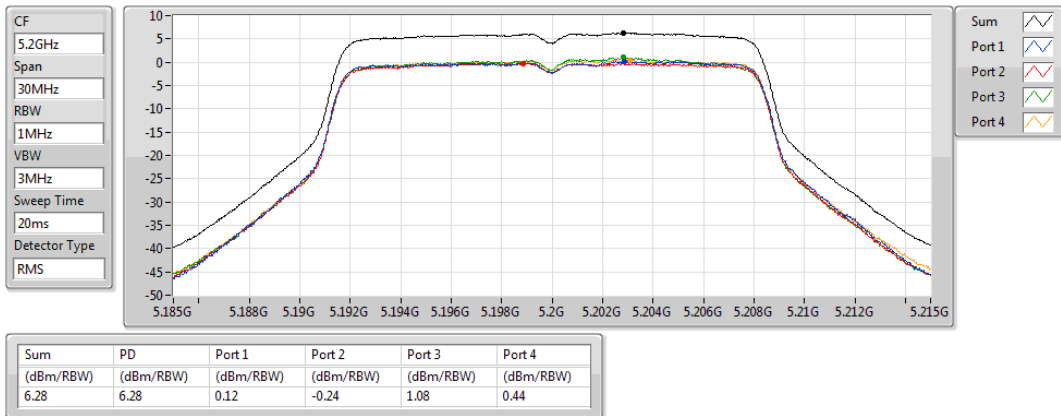


802.11a_Nss1,(6Mbps)_4TX

PSD

5200MHz

11/07/2019

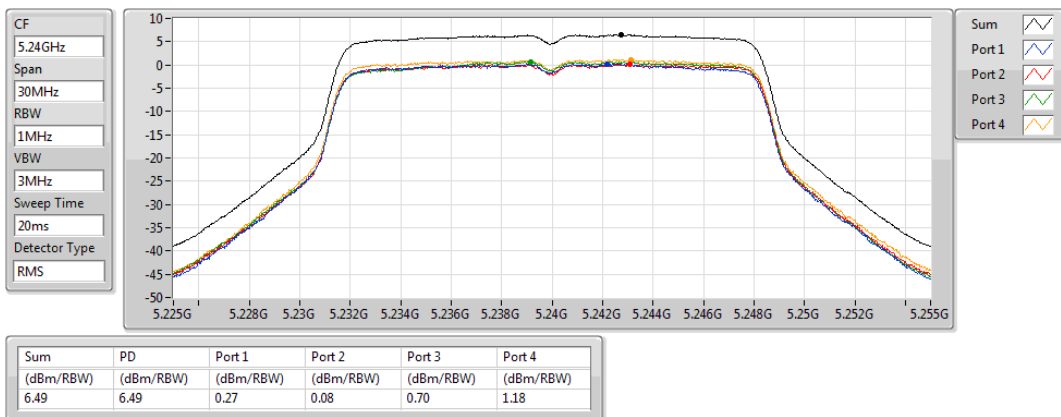


802.11a_Nss1,(6Mbps)_4TX

PSD

5240MHz

11/07/2019

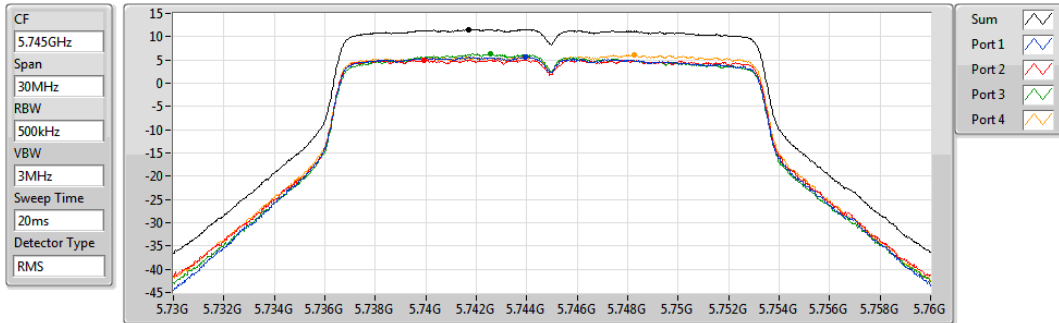


802.11a_Nss1,(6Mbps)_4TX

PSD

5745MHz

09/07/2019



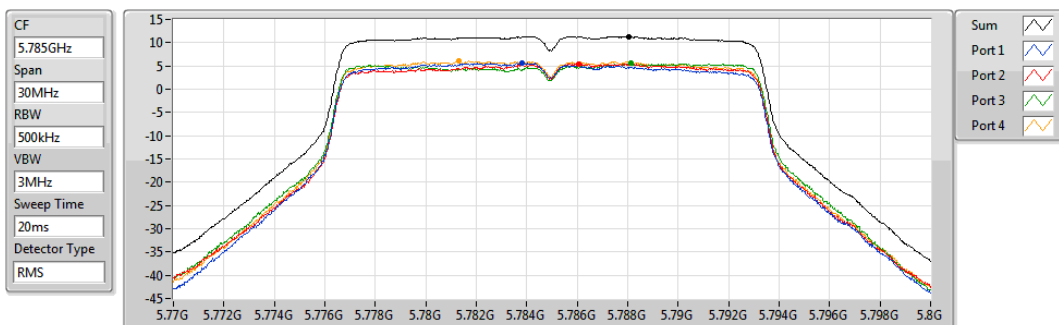
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.57	11.57	5.65	5.03	6.29	6.08

802.11a_Nss1,(6Mbps)_4TX

PSD

5785MHz

09/07/2019



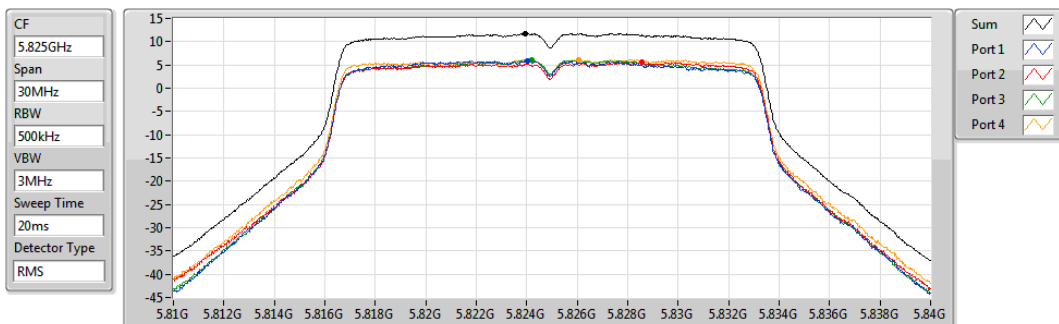
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.36	11.36	5.64	5.45	5.55	6.08

802.11a_Nss1,(6Mbps)_4TX

PSD

5825MHz

09/07/2019



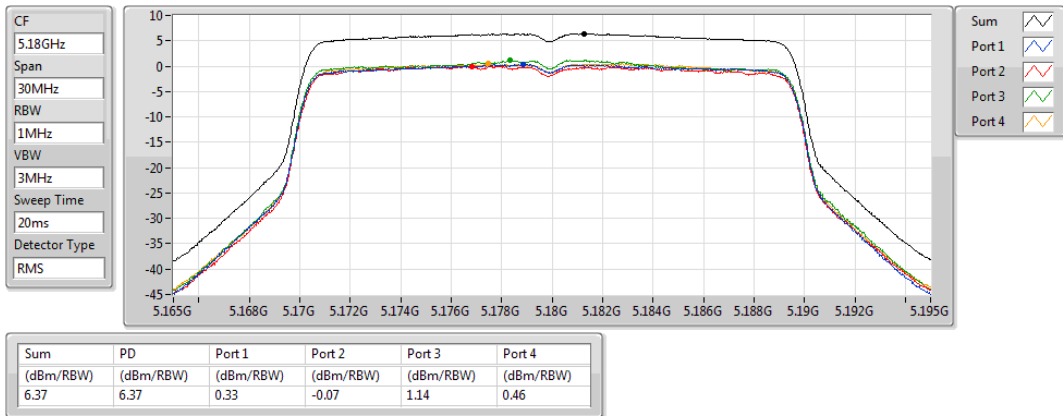
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.72	11.72	5.88	5.58	6.11	6.15

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

11/07/2019

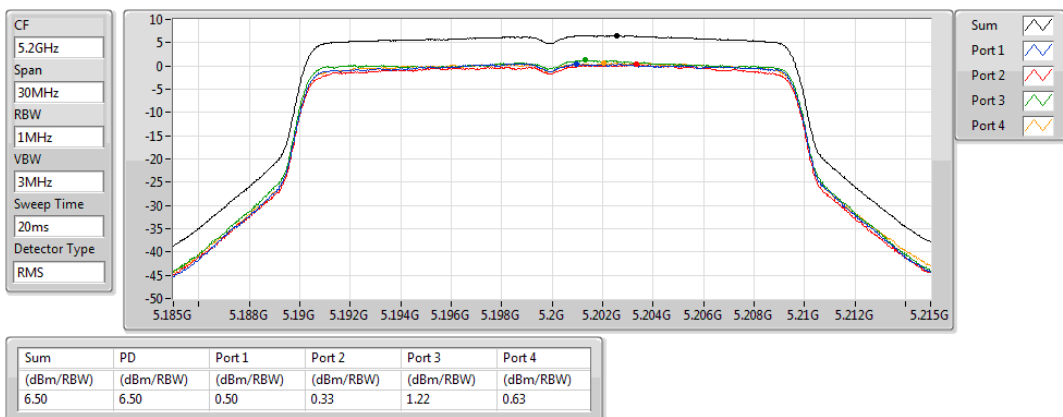


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5200MHz

11/07/2019

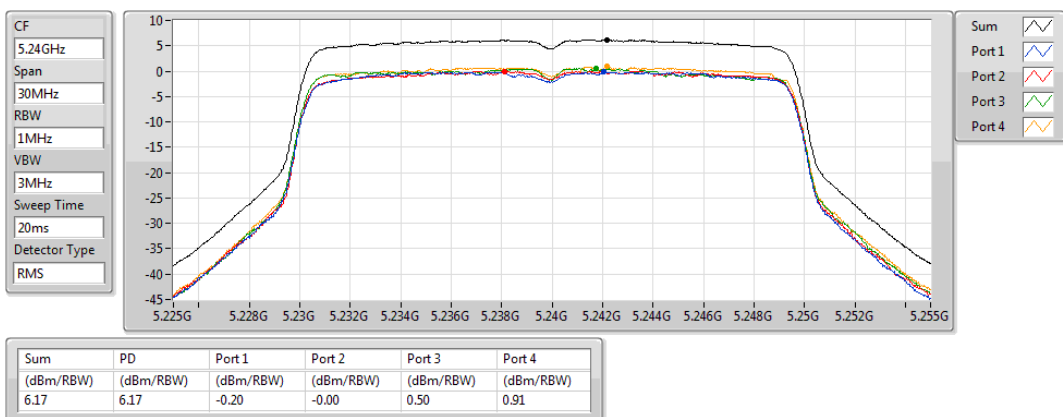


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5240MHz

11/07/2019

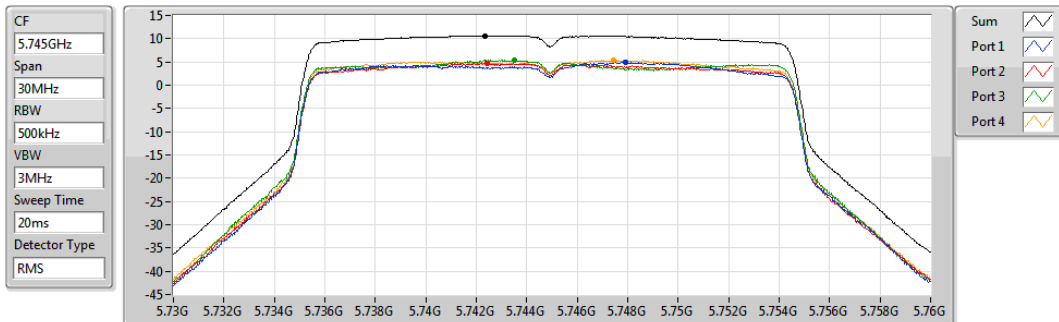


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5745MHz

09/07/2019



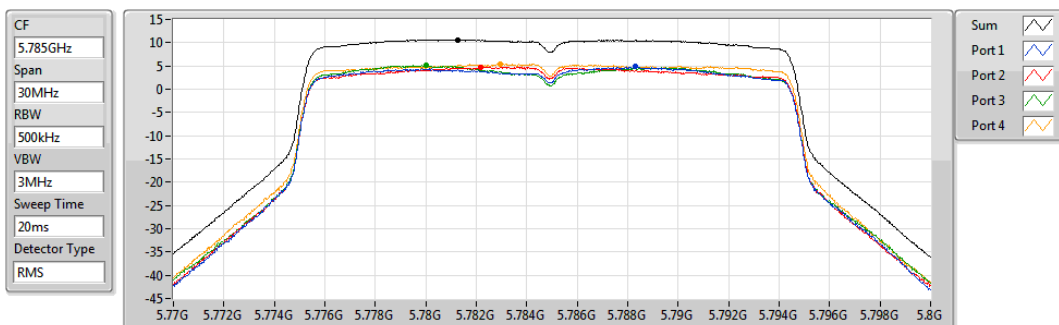
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.65	10.65	4.93	4.64	5.34	5.35

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5785MHz

09/07/2019



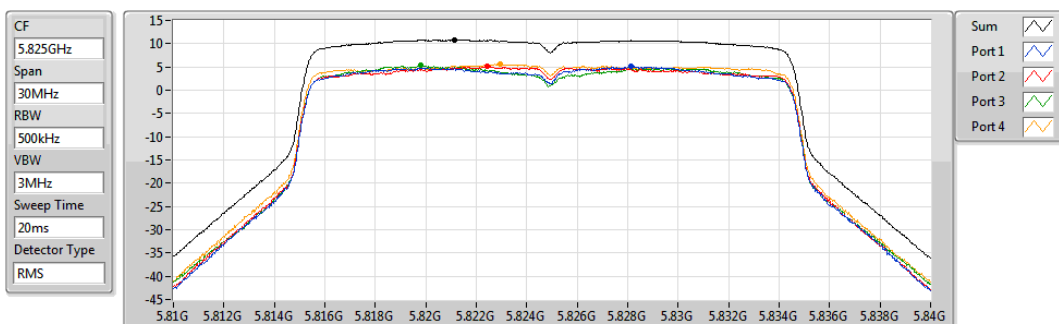
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.64	10.64	4.81	4.79	5.12	5.40

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

09/07/2019



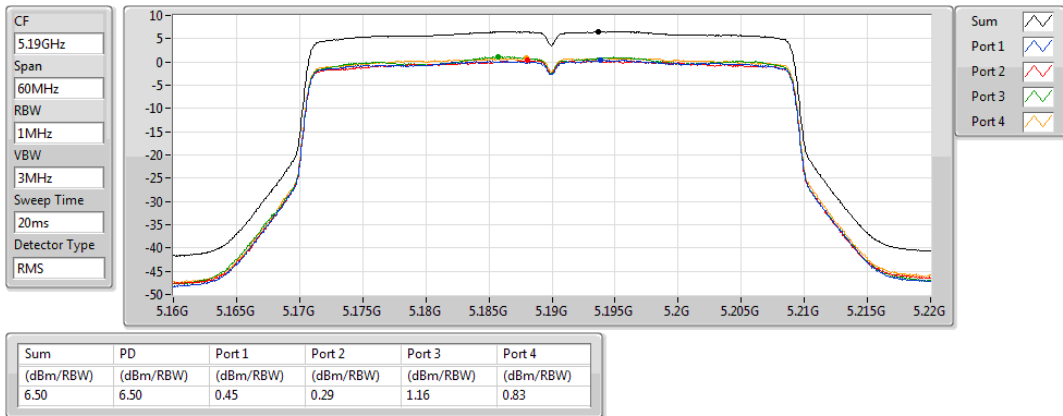
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.83	10.83	5.06	5.17	5.31	5.57

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

11/07/2019

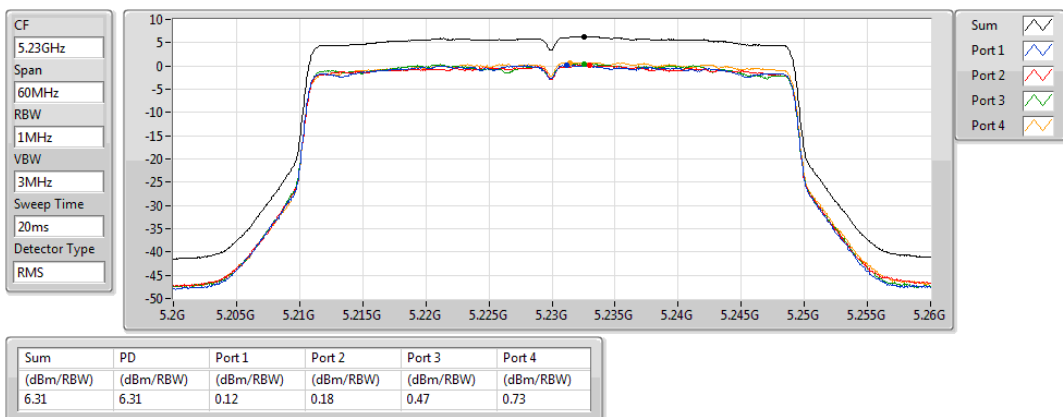


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

11/07/2019

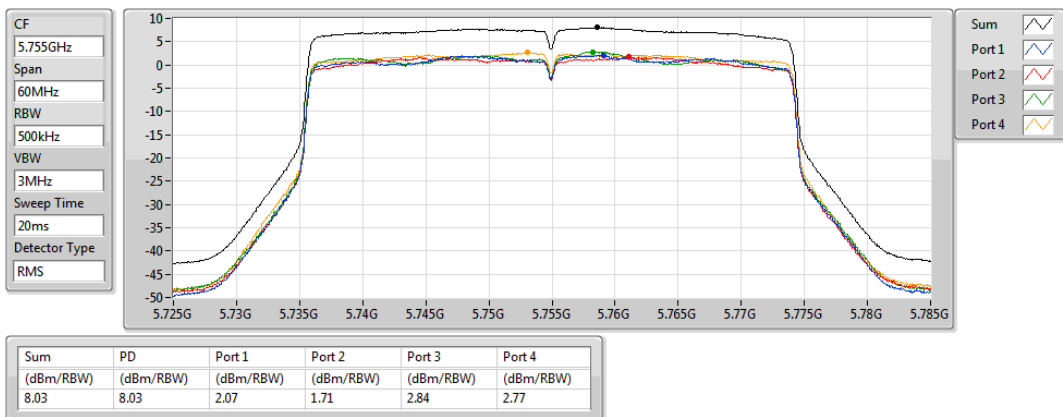


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

09/07/2019

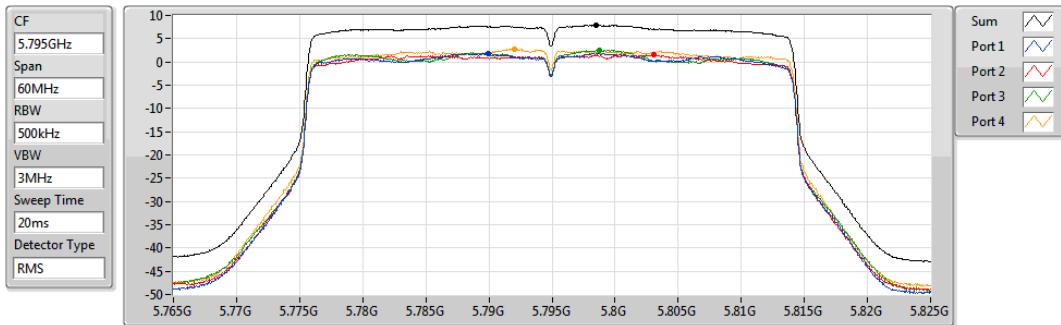


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

09/07/2019



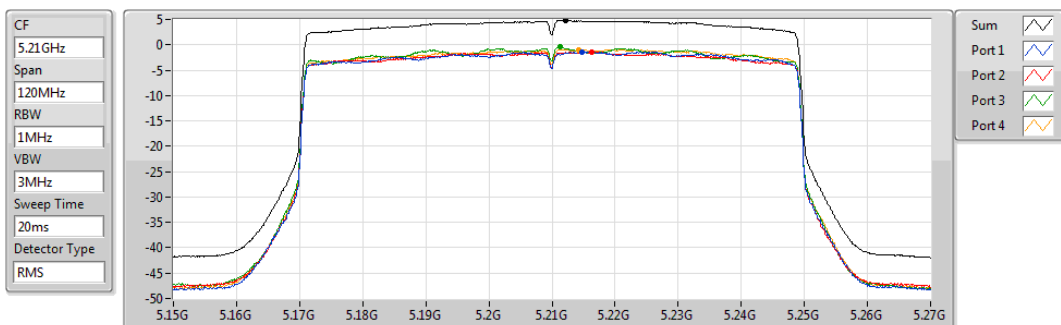
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	1.85	1.48	2.59	2.74

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5210MHz

09/07/2019



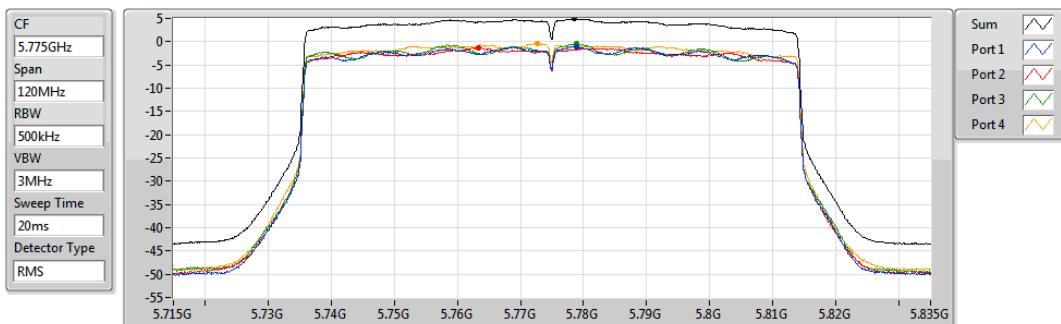
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.82	4.82	-1.42	-1.38	-0.37	-0.91

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5775MHz

09/07/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.95	4.95	-0.98	-1.35	-0.36	-0.48

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	6.13
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	2.80
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.48
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.41
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	1.54
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.89

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	15.75	0.06	-0.47	0.64	0.79	6.13	7.25
5200MHz	Pass	15.75	0.05	-1.13	0.31	0.82	5.95	7.25
5240MHz	Pass	15.75	-0.45	-0.49	0.45	1.09	6.06	7.25
5745MHz	Pass	15.75	-2.01	-1.86	-2.13	-1.69	3.92	20.25
5785MHz	Pass	15.75	-2.41	-0.11	-2.56	-1.40	3.80	20.25
5825MHz	Pass	15.75	-1.92	-1.23	-1.75	-1.15	4.41	20.25
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	15.75	-2.96	-3.83	-2.94	-2.25	2.80	7.25
5230MHz	Pass	15.75	-4.17	-3.93	-3.25	-2.68	2.39	7.25
5755MHz	Pass	15.75	-5.86	-5.07	-5.56	-4.42	0.62	20.25
5795MHz	Pass	15.75	-5.15	-4.31	-3.74	-3.57	1.54	20.25
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	15.75	-5.85	-5.76	-5.97	-5.57	-0.48	7.25
5775MHz	Pass	15.75	-9.10	-6.47	-6.73	-7.81	-1.89	20.25

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

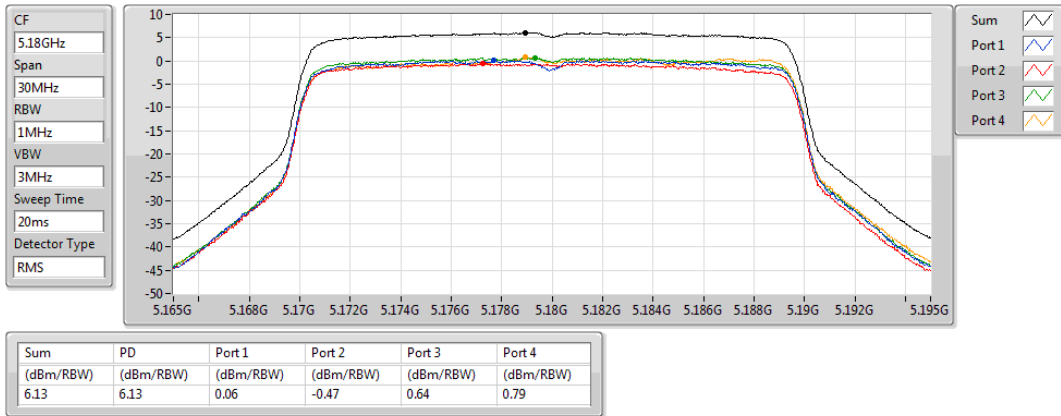
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

09/07/2019

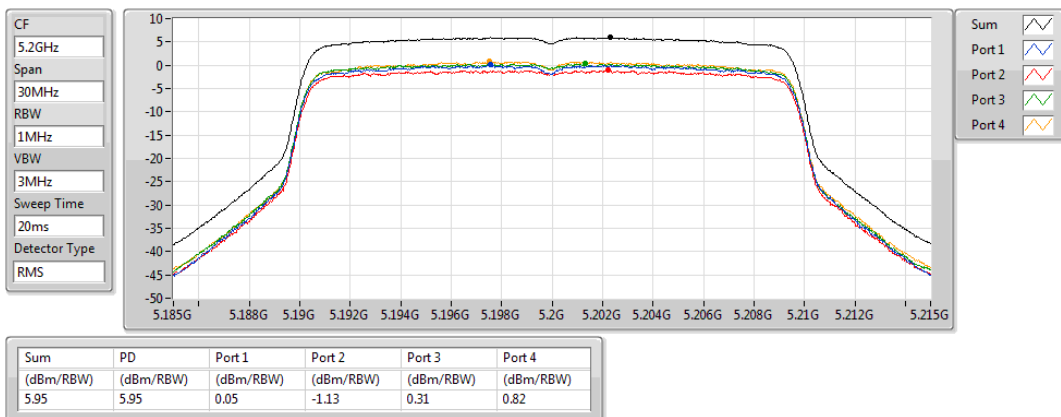


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5200MHz

10/07/2019

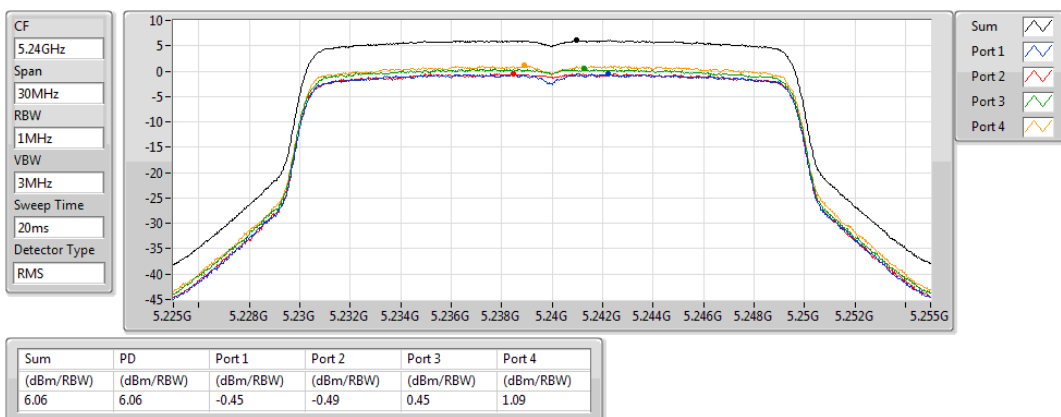


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5240MHz

10/07/2019

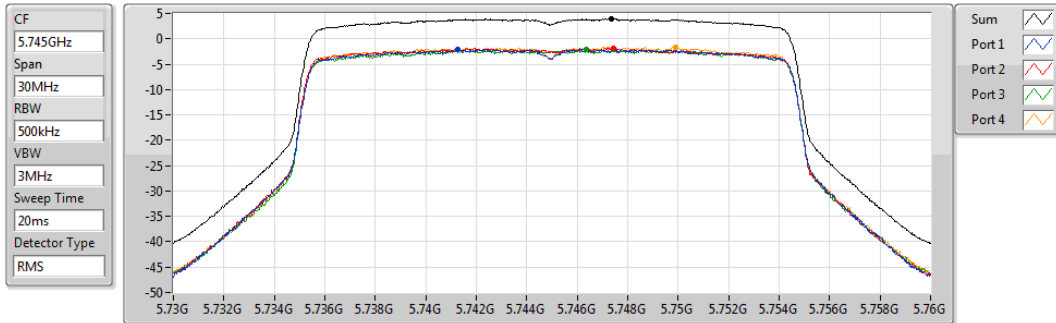


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5745MHz

10/07/2019



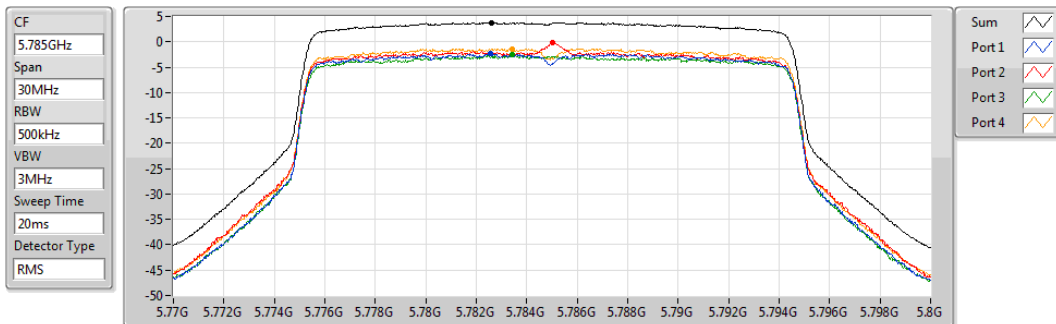
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.92	3.92	-2.01	-1.86	-2.13	-1.69

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5785MHz

10/07/2019



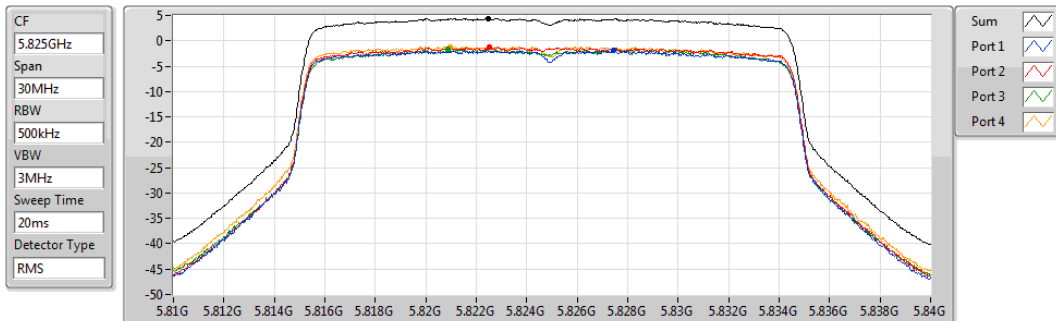
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.80	3.80	-2.41	-0.11	-2.56	-1.40

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5825MHz

10/07/2019



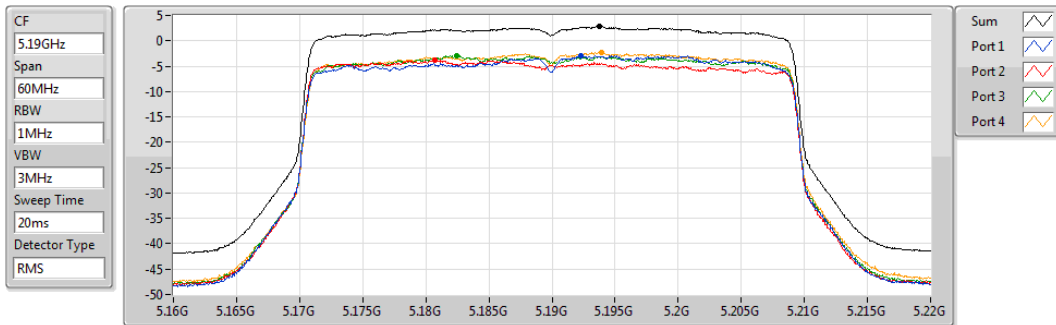
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.41	4.41	-1.92	-1.23	-1.75	-1.15

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

10/07/2019



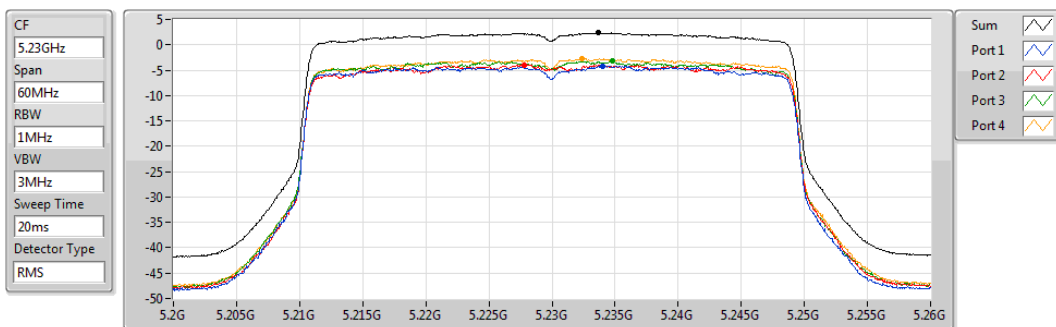
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.80	2.80	-2.96	-3.83	-2.94	-2.25

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

10/07/2019



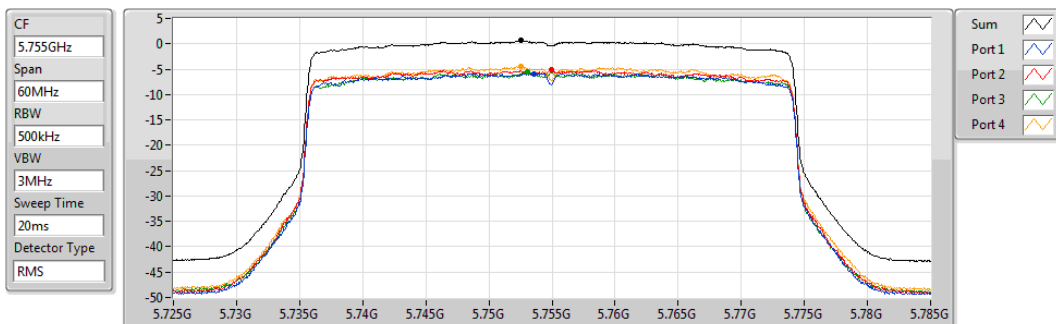
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.39	2.39	-4.17	-3.93	-3.25	-2.68

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5755MHz

10/07/2019



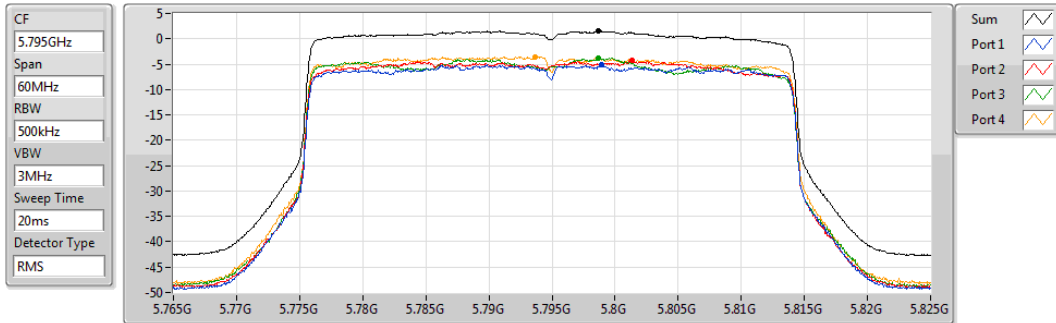
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.62	0.62	-5.86	-5.07	-5.56	-4.42

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5795MHz

10/07/2019



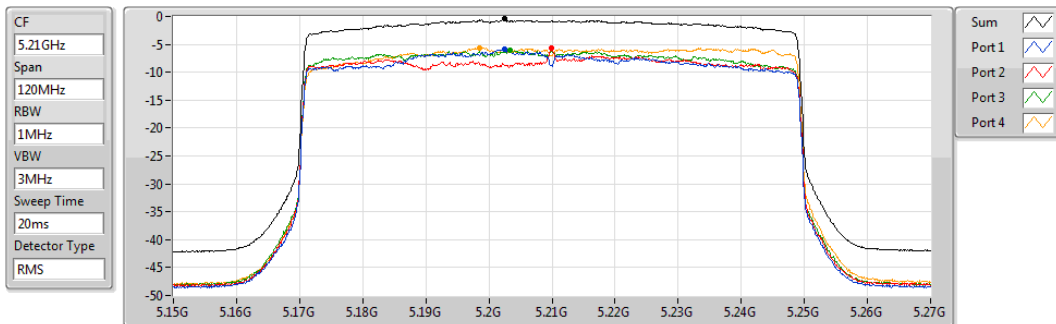
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.54	1.54	-5.15	-4.31	-3.74	-3.57

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

10/07/2019



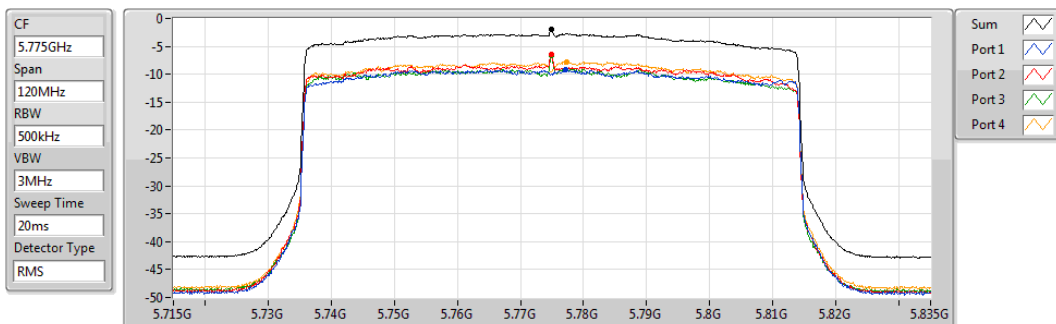
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.48	-0.48	-5.85	-5.76	-5.97	-5.57

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5775MHz

10/07/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.89	-1.89	-9.10	-6.47	-6.73	-7.81



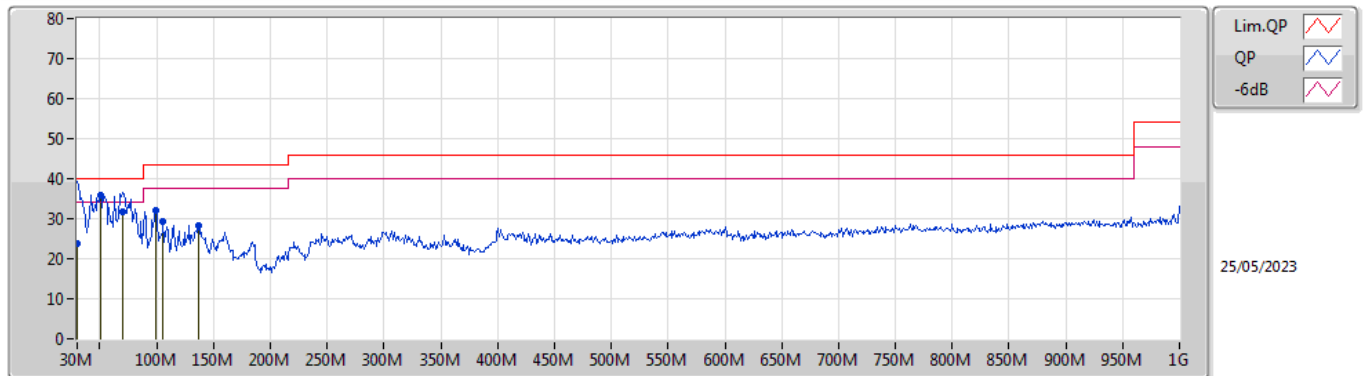
Radiated Emissions below 1GHz

Appendix E.1

Summary

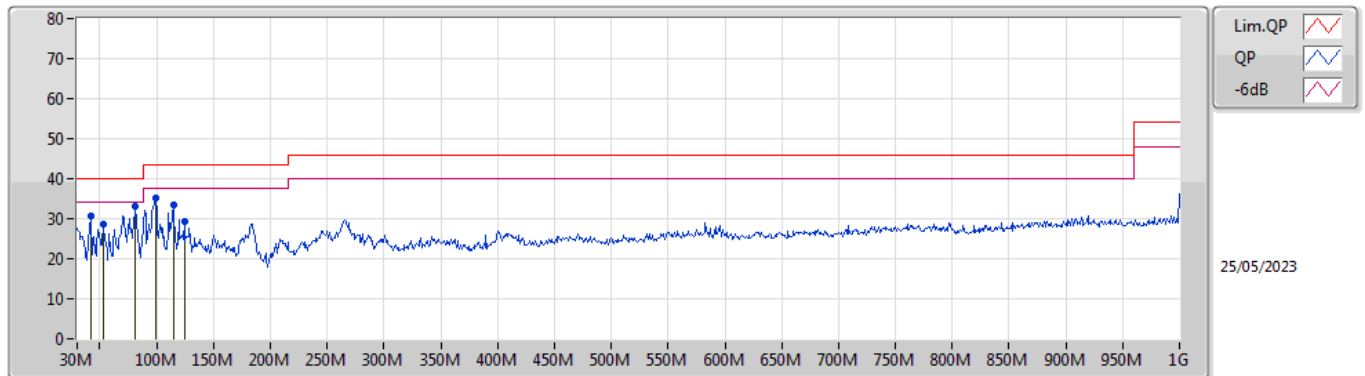
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Condition
Mode 1	Pass	PK	50.37M	35.98	40.00	-4.02	Vertical

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
QP	30M	23.83	40.00	-16.17	-6.67	3	Vertical	211	1.25	-	30.50	24.50	0.77	31.94
PK	50.37M	35.98	40.00	-4.02	-16.90	3	Vertical	62	1.50	"Worst"	52.88	14.30	1.00	32.20
QP	69.77M	31.58	40.00	-8.42	-18.54	3	Vertical	244	1.50	-	50.12	12.36	1.14	32.04
PK	98.87M	32.21	43.50	-11.29	-14.39	3	Vertical	360	2.00	-	46.60	16.45	1.32	32.16
PK	105.66M	29.40	43.50	-14.10	-13.41	3	Vertical	193	1.00	-	42.81	17.30	1.38	32.09
PK	136.7M	28.38	43.50	-15.12	-13.05	3	Vertical	0	1.50	-	41.43	17.42	1.52	31.99

Mode 1



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB/m)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV/m)	AF (dB/m)	CL (dB)	PA (dB)
PK	41.64M	30.73	40.00	-9.27	-12.98	3	Horizontal	176	1.00	-	43.71	18.24	0.92	32.14
PK	53.28M	28.55	40.00	-11.45	-17.94	3	Horizontal	131	2.00	-	46.49	13.22	1.05	32.21
PK	81.41M	33.24	40.00	-6.76	-17.68	3	Horizontal	202	3.00	"Worst"	50.92	13.07	1.23	31.98
PK	98.87M	35.34	43.50	-8.16	-14.39	3	Horizontal	201	3.00	-	49.73	16.45	1.32	32.16
PK	114.39M	33.42	43.50	-10.08	-12.64	3	Horizontal	359	3.00	-	46.06	17.87	1.46	31.97
PK	124.09M	29.35	43.50	-14.15	-12.32	3	Horizontal	279	2.00	-	41.67	18.07	1.52	31.91



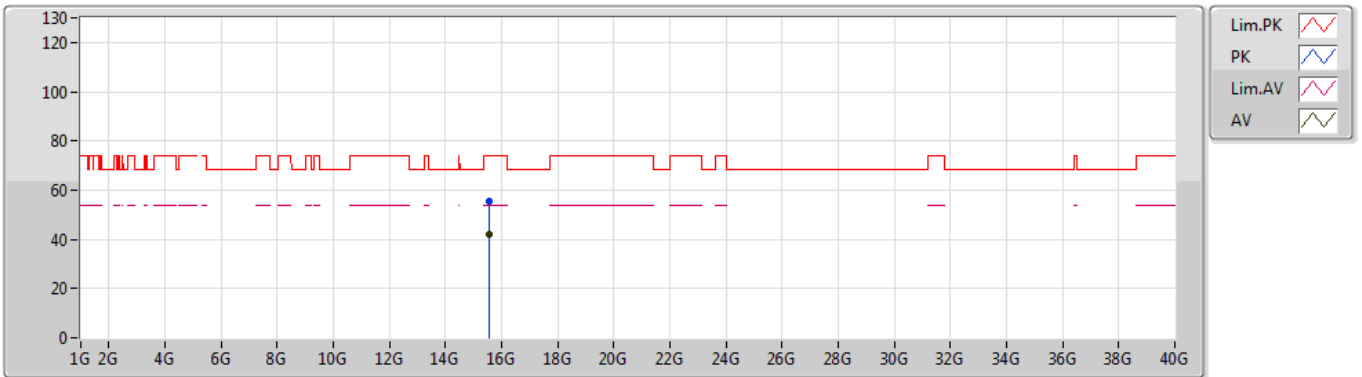
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.15-5.25GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11ax HEW80_Nss1,(MCS0)_4TX	Pass	AV	15.62772G	46.41	54.00	-7.59	14.72	3	Horizontal	14	1.91	-

802.11a_Nss1,(6Mbps)_4TX

06/07/2019

5180MHz_TX



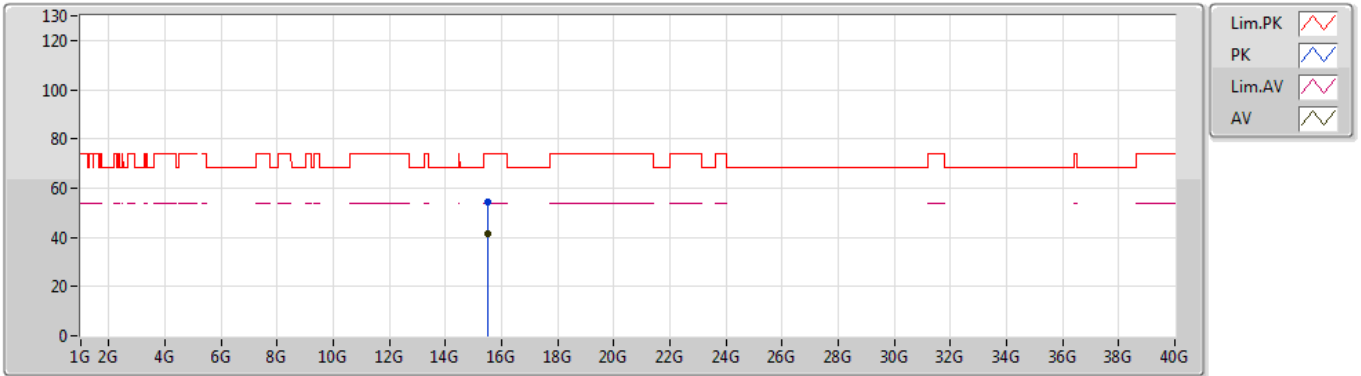
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.54584G	55.47	74.00	-18.53	16.06	3	Vertical	146	1.27	-				
AV	15.54408G	41.82	54.00	-12.18	16.06	3	Vertical	146	1.27	-				

802.11a_Nss1,(6Mbps)_4TX

06/07/2019

5180MHz_TX



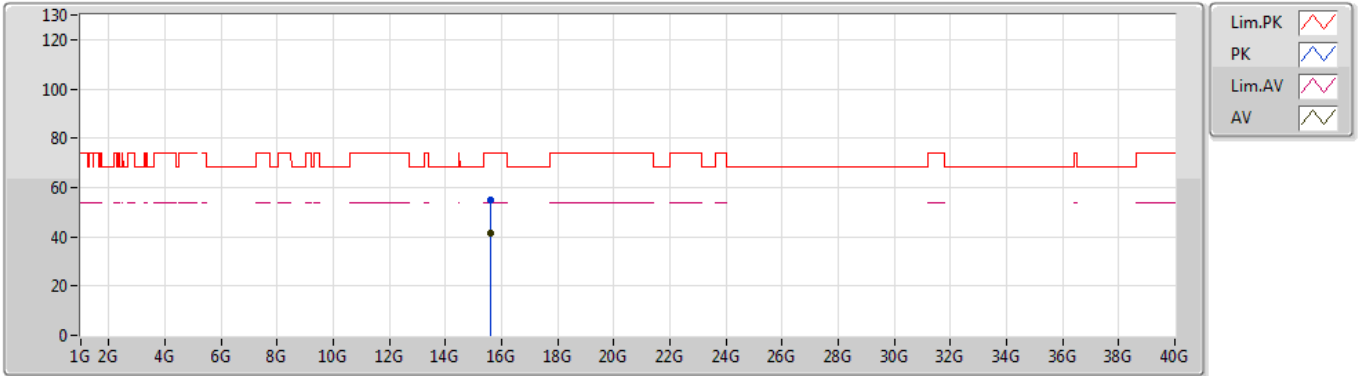
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.52554G	54.59	74.00	-19.41	16.11	3	Horizontal	306	1.80	-				
AV	15.53106G	41.59	54.00	-12.41	16.10	3	Horizontal	306	1.80	-				

802.11a_Nss1,(6Mbps)_4TX

06/07/2019

5200MHz_TX



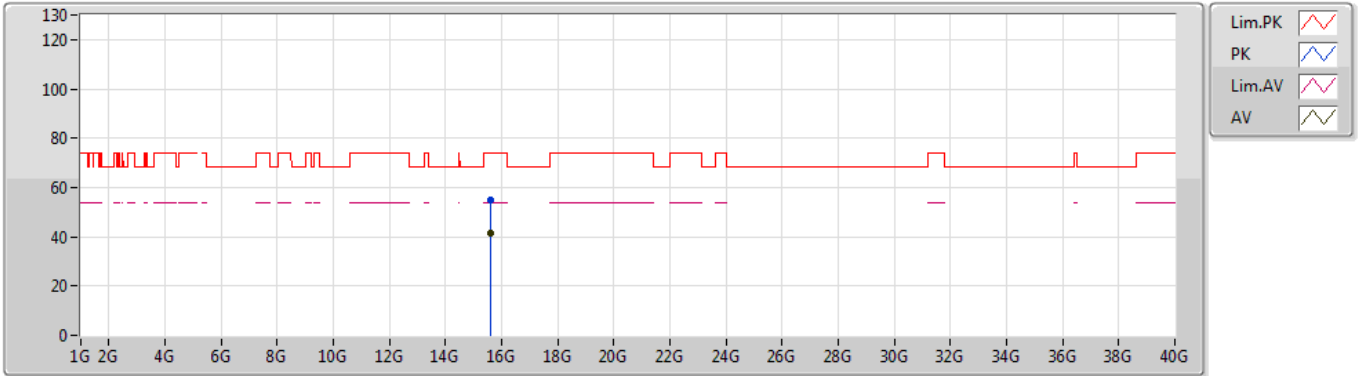
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.5853G	55.01	74.00	-18.99	15.94	3	Vertical	344	2.49	-				
AV	15.5988G	41.34	54.00	-12.66	15.91	3	Vertical	344	2.49	-				

802.11a_Nss1,(6Mbps)_4TX

06/07/2019

5200MHz_TX



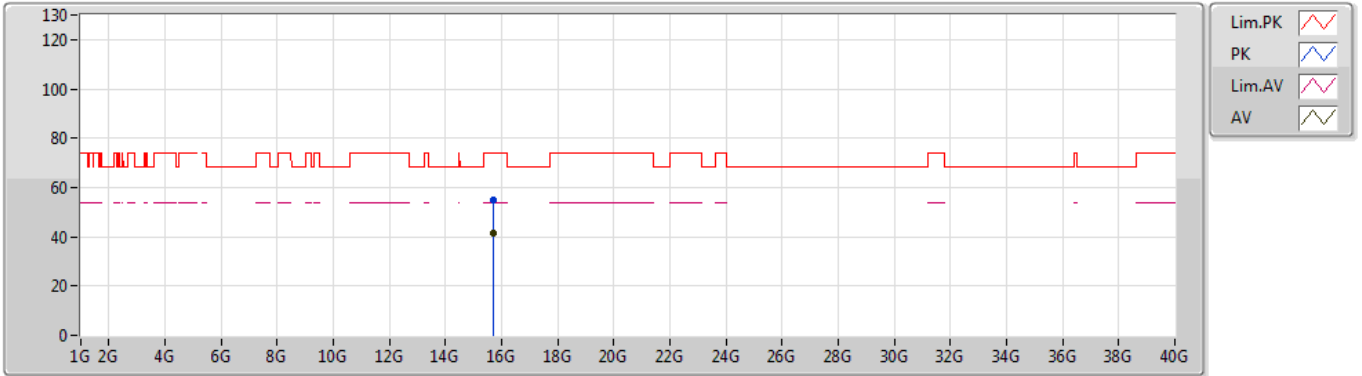
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.61038G	54.91	74.00	-19.09	15.88	3	Horizontal	144	2.43	-				
AV	15.61494G	41.51	54.00	-12.49	15.87	3	Horizontal	144	2.43	-				

802.11a_Nss1,(6Mbps)_4TX

06/07/2019

5240MHz_TX



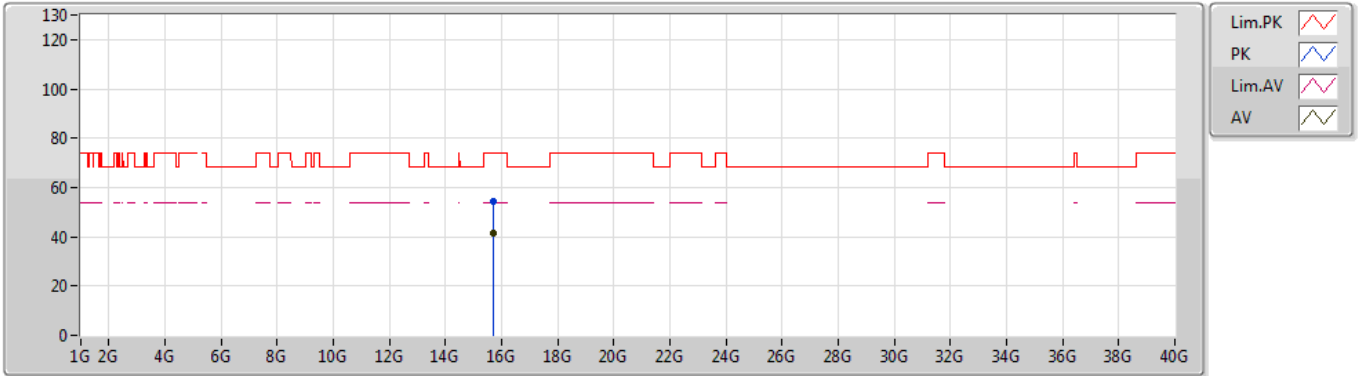
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Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.72688G	55.05	74.00	-18.95	15.58	3	Vertical	332	1.78	-				
AV	15.7229G	41.39	54.00	-12.61	15.59	3	Vertical	332	1.78	-				

802.11a_Nss1,(6Mbps)_4TX

06/07/2019

5240MHz_TX



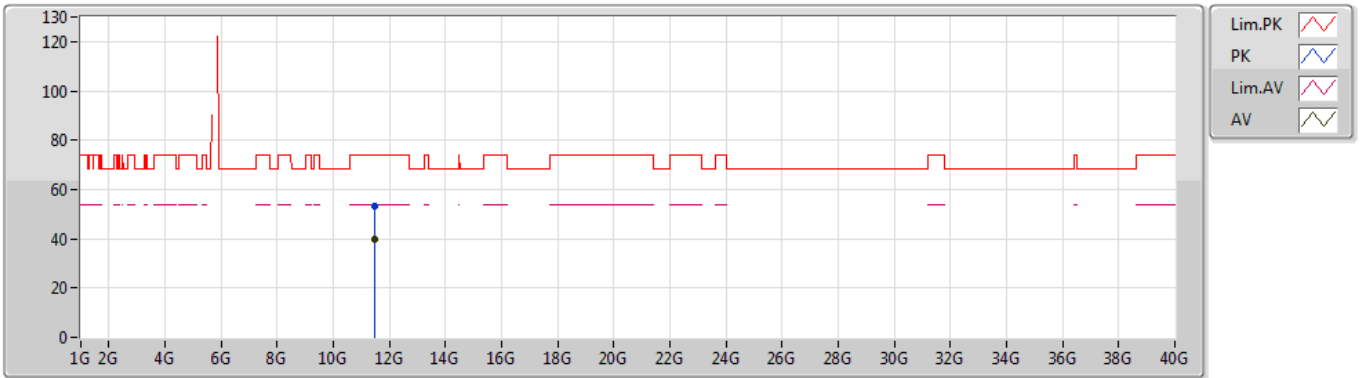
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Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.71292G	54.58	74.00	-19.42	15.62	3	Horizontal	125	1.30	-				
AV	15.7239G	41.59	54.00	-12.41	15.59	3	Horizontal	125	1.30	-				

802.11a_Nss1,(6Mbps)_4TX

06/07/2019

5745MHz_TX



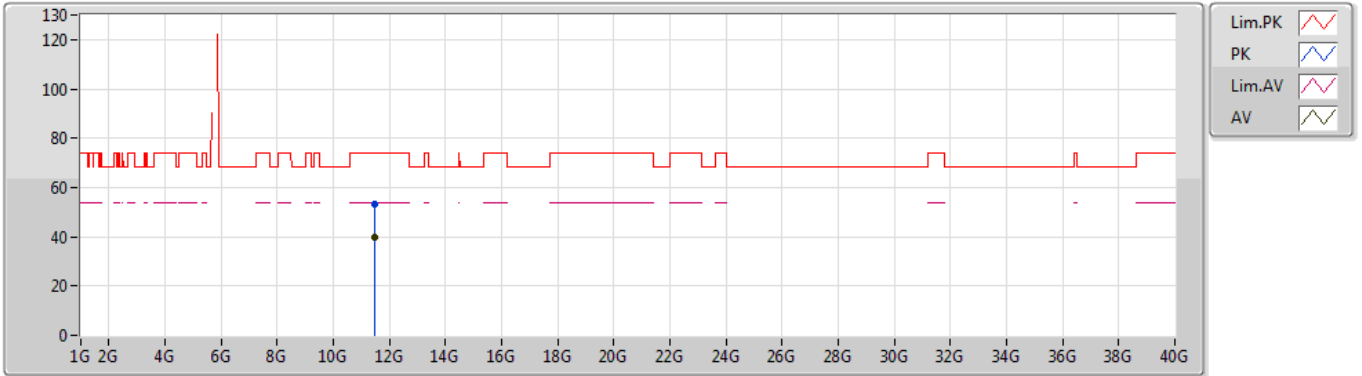
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.49128G	53.49	74.00	-20.51	14.89	3	Vertical	291	1.88	-				
AV	11.4936G	39.95	54.00	-14.05	14.89	3	Vertical	291	1.88	-				

802.11a_Nss1,(6Mbps)_4TX

06/07/2019

5745MHz_TX



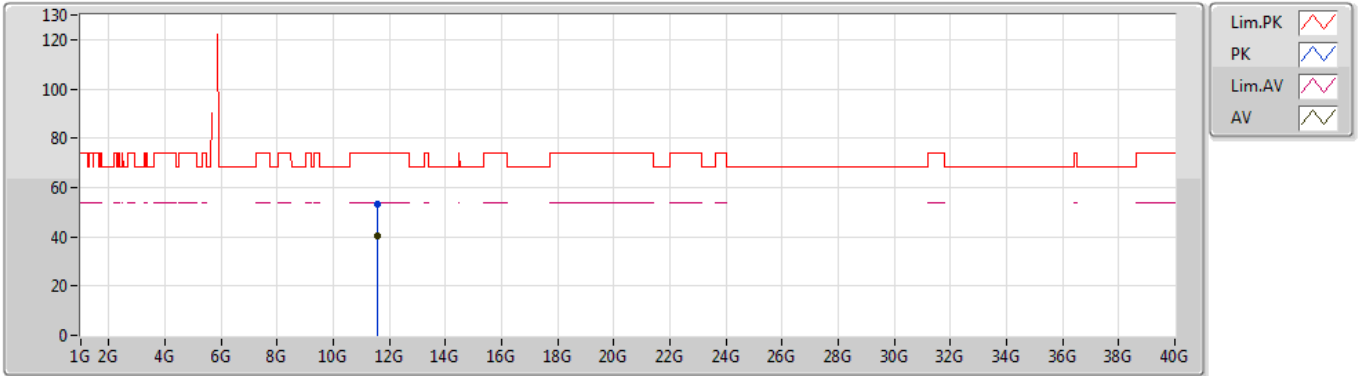
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Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.49014G	53.51	74.00	-20.49	14.89	3	Horizontal	131	1.59	-				
AV	11.49002G	39.92	54.00	-14.08	14.89	3	Horizontal	131	1.59	-				

802.11a_Nss1,(6Mbps)_4TX

06/07/2019

5785MHz_TX



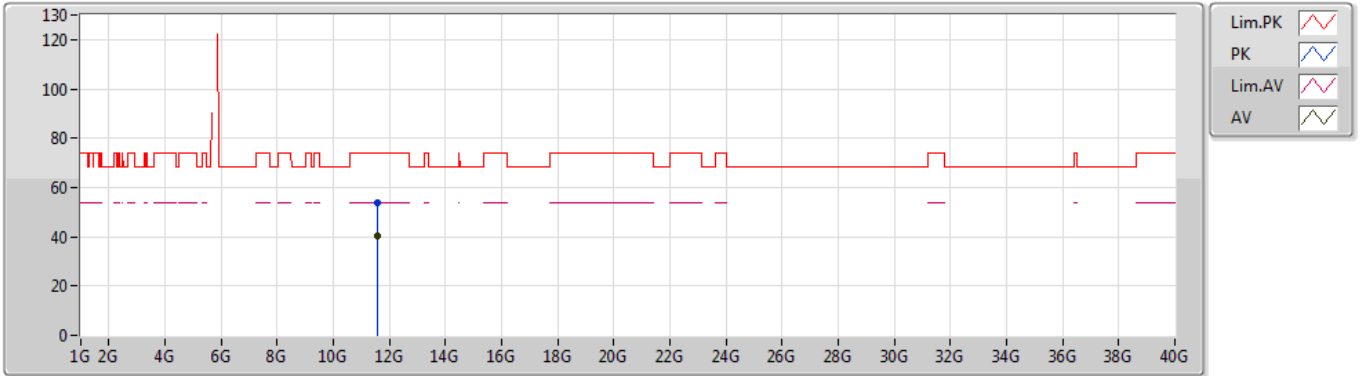
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Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.5721G	53.37	74.00	-20.63	15.00	3	Vertical	194	1.17	-				
AV	11.56508G	40.20	54.00	-13.80	14.99	3	Vertical	194	1.17	-				

802.11a_Nss1,(6Mbps)_4TX

06/07/2019

5785MHz_TX



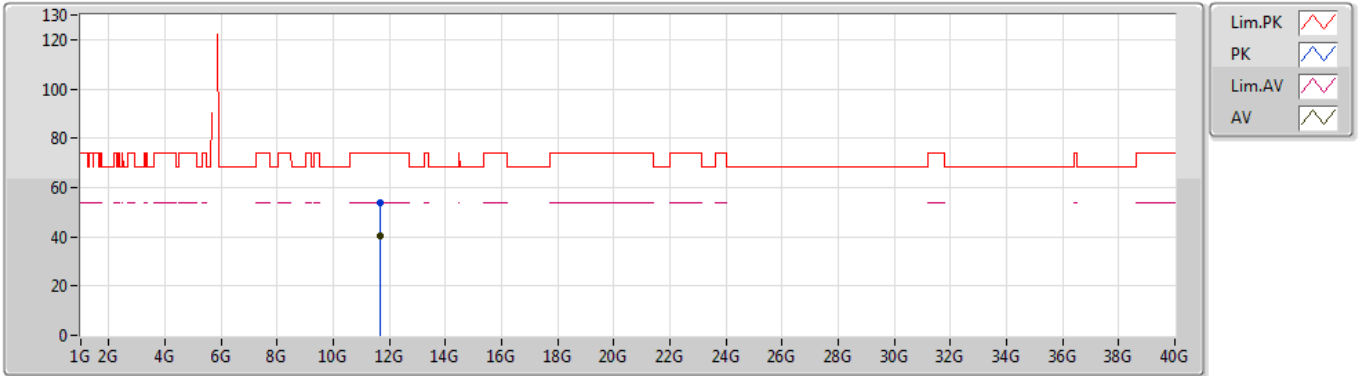
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.5654G	53.65	74.00	-20.35	14.99	3	Horizontal	233	2.47	-				
AV	11.57254G	40.16	54.00	-13.84	15.00	3	Horizontal	233	2.47	-				

802.11a_Nss1,(6Mbps)_4TX

06/07/2019

5825MHz_TX



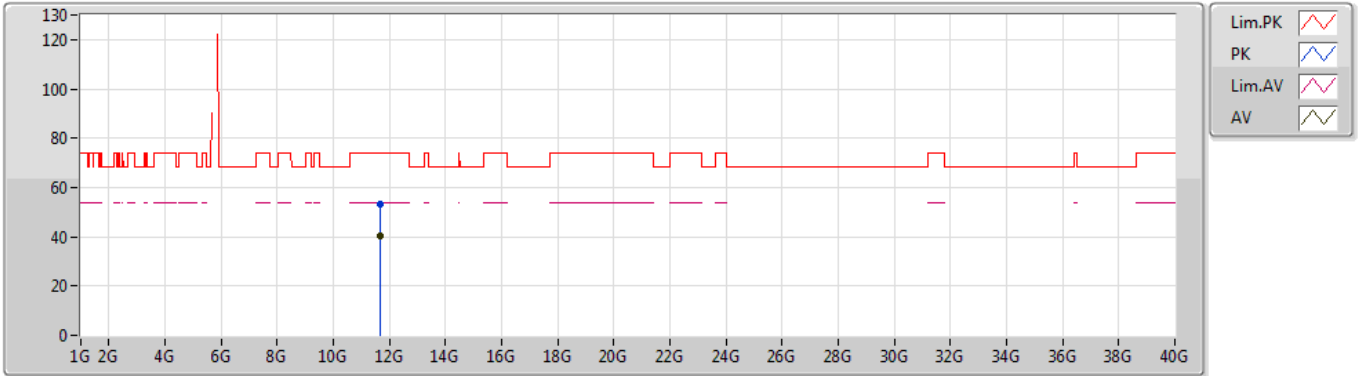
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Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.6496G	53.58	74.00	-20.42	15.09	3	Vertical	53	2.21	-				
AV	11.65448G	40.26	54.00	-13.74	15.10	3	Vertical	53	2.21	-				

802.11a_Nss1,(6Mbps)_4TX

06/07/2019

5825MHz_TX



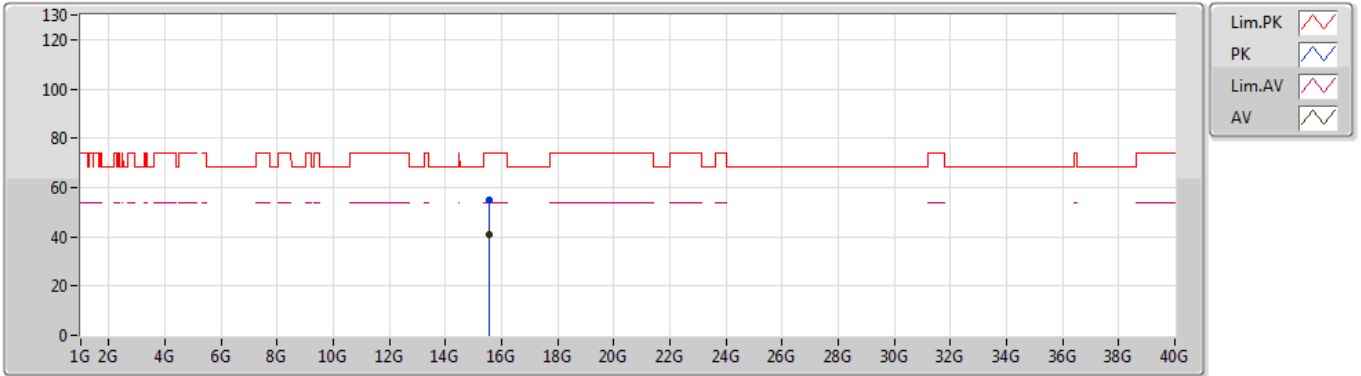
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Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.64918G	53.43	74.00	-20.57	15.09	3	Horizontal	25	1.85	-				
AV	11.65228G	40.11	54.00	-13.89	15.10	3	Horizontal	25	1.85	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

06/07/2019

5180MHz_TX



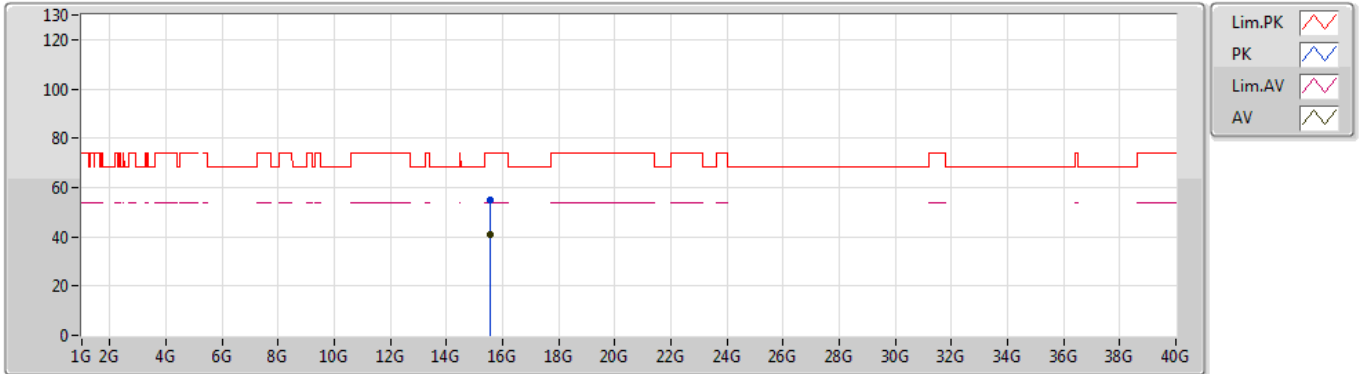
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Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.54122G	55.08	74.00	-18.92	16.07	3	Vertical	157	1.81	-				
AV	15.5473G	40.79	54.00	-13.21	16.08	3	Vertical	157	1.81	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

06/07/2019

5180MHz_TX



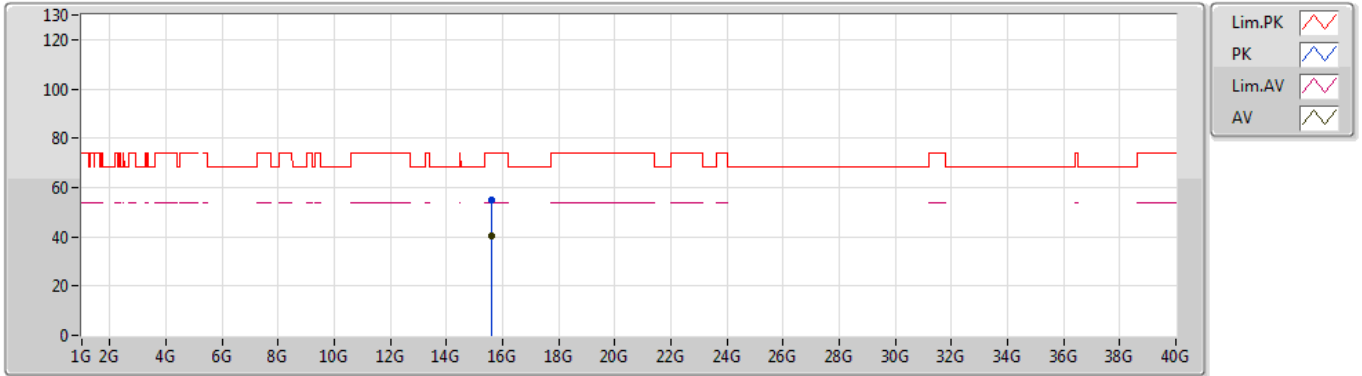
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Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.5371G	54.98	74.00	-19.02	16.08	3	Horizontal	125	2.35	-				
AV	15.53724G	40.87	54.00	-13.13	16.08	3	Horizontal	125	2.35	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

06/07/2019

5200MHz_TX



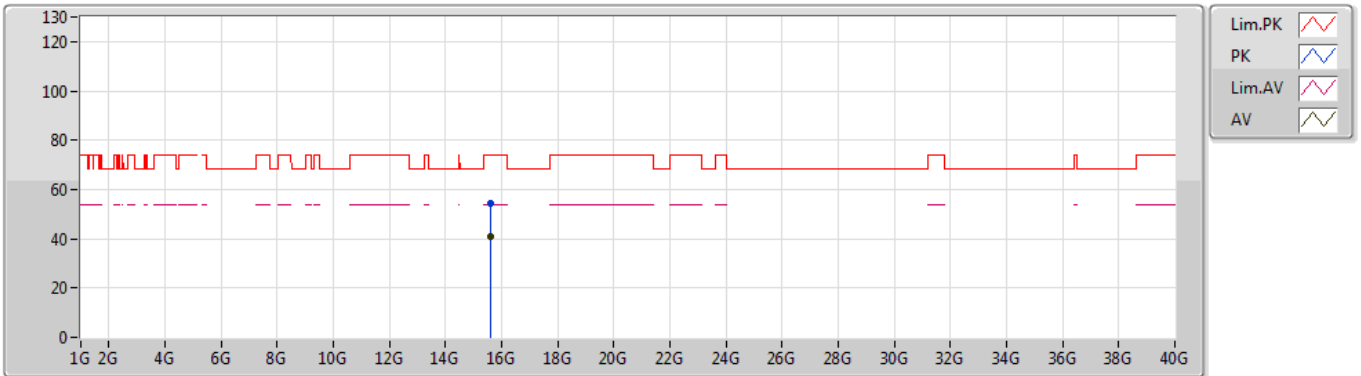
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Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.59986G	54.67	74.00	-19.33	15.91	3	Vertical	194	1.60	-				
AV	15.60094G	40.61	54.00	-13.39	15.91	3	Vertical	194	1.60	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

06/07/2019

5200MHz_TX



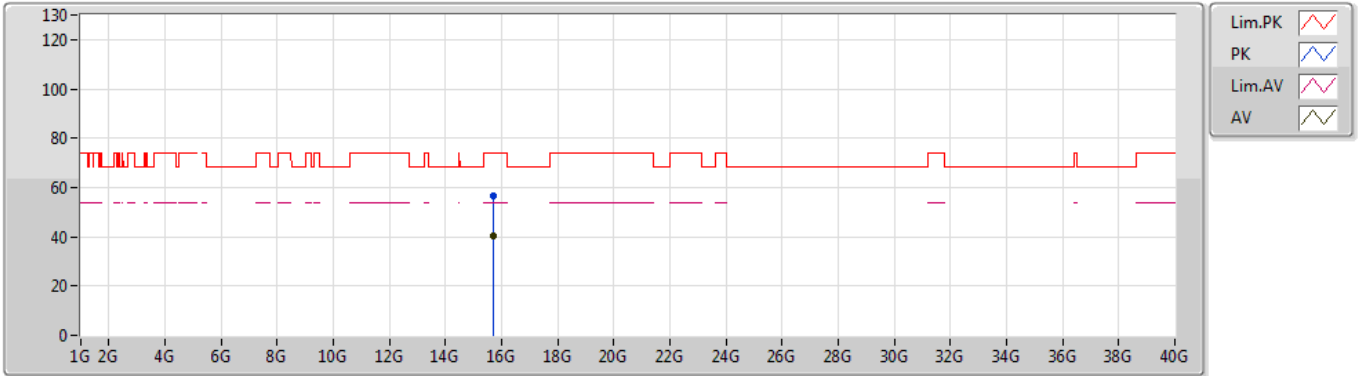
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Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.60502G	54.39	74.00	-19.61	15.92	3	Horizontal	323	2.15	-				
AV	15.603G	40.66	54.00	-13.34	15.90	3	Horizontal	323	2.15	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

06/07/2019

5240MHz_TX



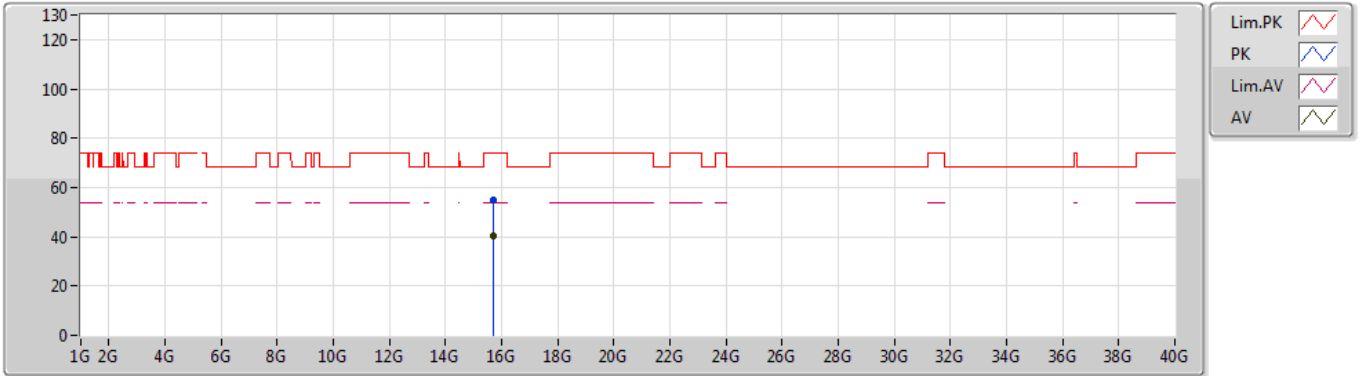
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Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.7159G	56.40	74.00	-17.60	15.61	3	Vertical	28	1.53	-				
AV	15.72092G	40.17	54.00	-13.83	15.60	3	Vertical	28	1.53	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

06/07/2019

5240MHz_TX



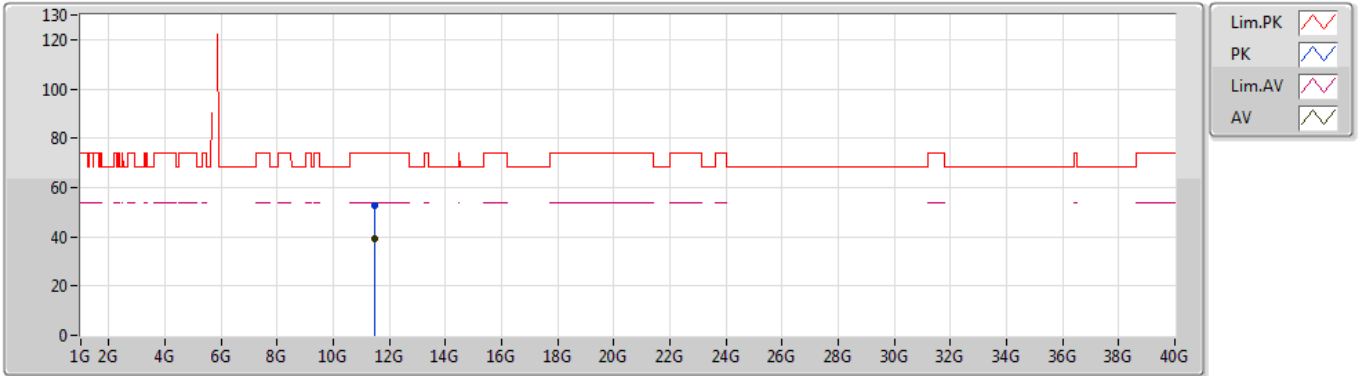
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.71572G	54.76	74.00	-19.24	15.61	3	Horizontal	236	1.24	-				
AV	15.72478G	40.48	54.00	-13.52	15.59	3	Horizontal	236	1.24	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

06/07/2019

5745MHz_TX



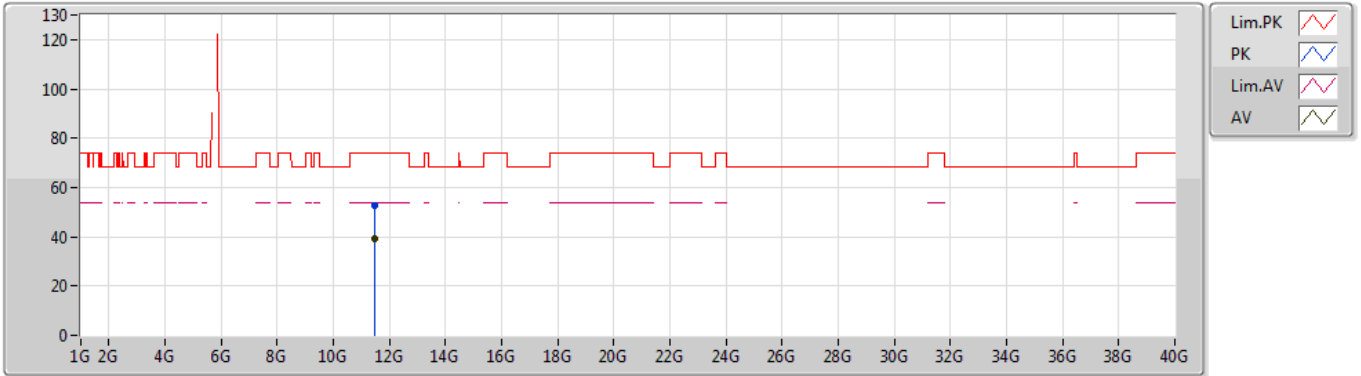
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.49496G	52.80	74.00	-21.20	14.90	3	Vertical	267	2.46	-				
AV	11.4856G	39.08	54.00	-14.92	14.89	3	Vertical	267	2.46	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

06/07/2019

5745MHz_TX



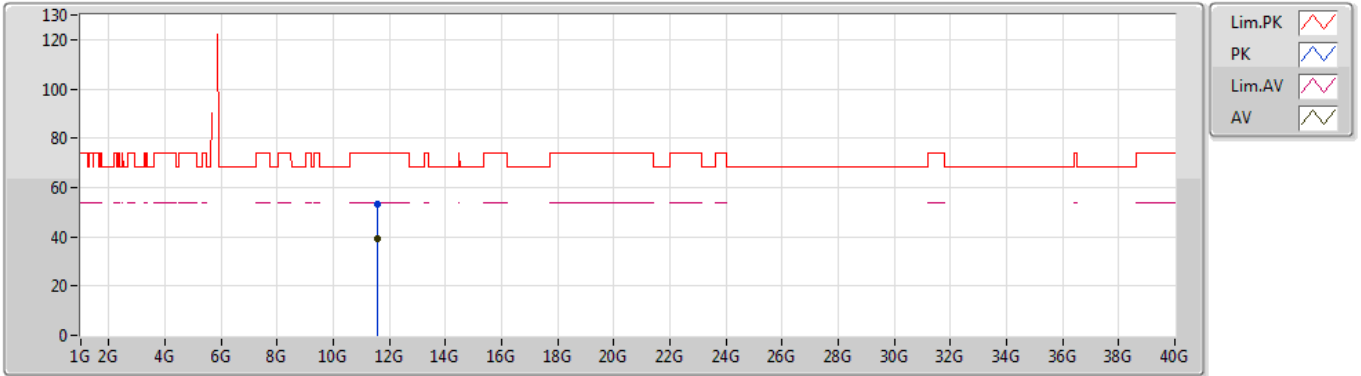
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Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.49036G	52.92	74.00	-21.08	14.89	3	Horizontal	63	2.11	-				
AV	11.48884G	39.20	54.00	-14.80	14.89	3	Horizontal	63	2.11	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

06/07/2019

5785MHz_TX



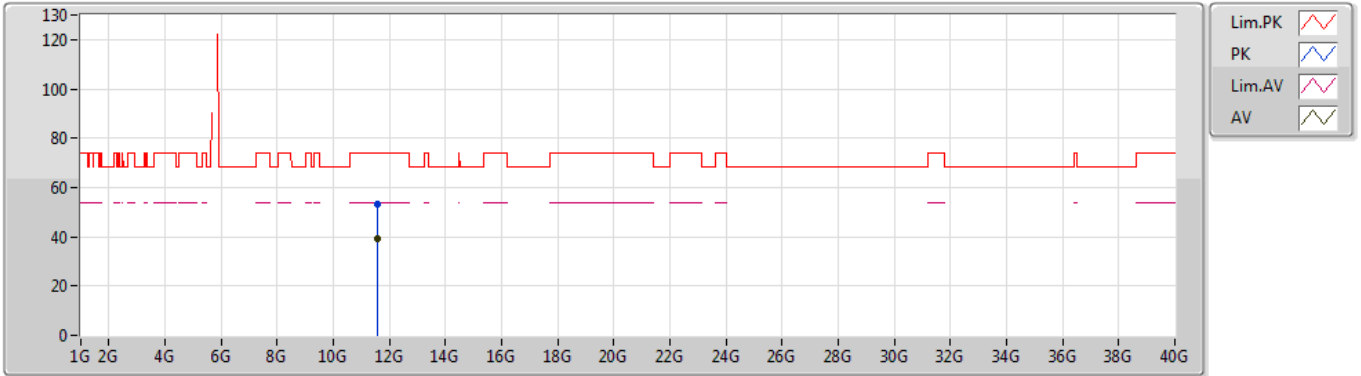
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.5693G	53.50	74.00	-20.50	15.00	3	Vertical	121	1.75	-				
AV	11.56566G	39.38	54.00	-14.62	14.99	3	Vertical	121	1.75	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

06/07/2019

5785MHz_TX



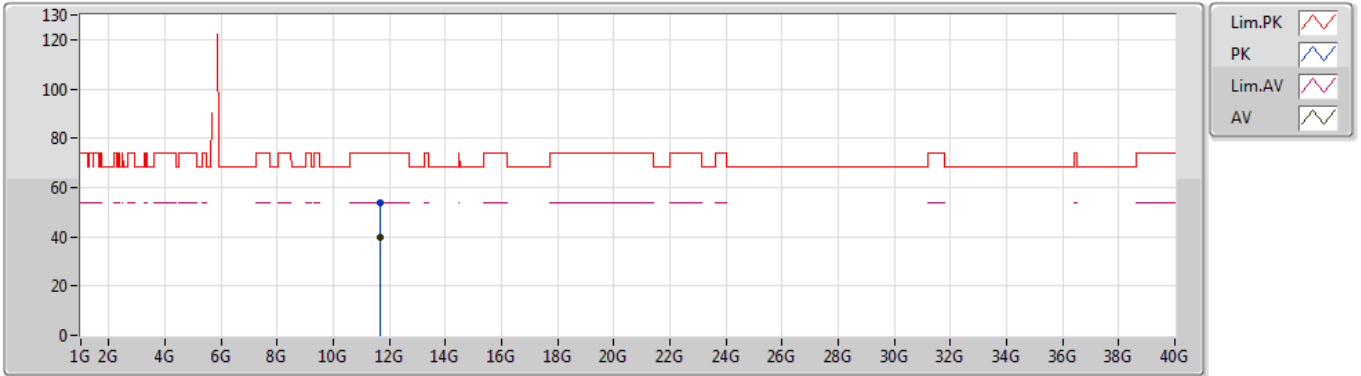
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.57486G	53.30	74.00	-20.70	15.00	3	Horizontal	139	1.41	-				
AV	11.57336G	39.41	54.00	-14.59	15.00	3	Horizontal	139	1.41	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

06/07/2019

5825MHz_TX



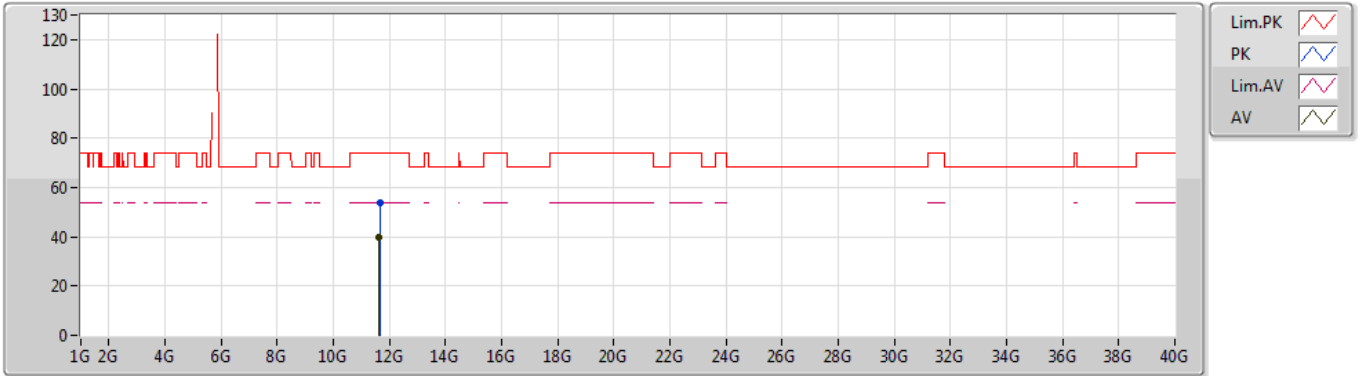
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Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.65238G	53.77	74.00	-20.23	15.10	3	Vertical	197	1.55	-				
AV	11.65302G	39.55	54.00	-14.45	15.10	3	Vertical	197	1.55	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

06/07/2019

5825MHz_TX



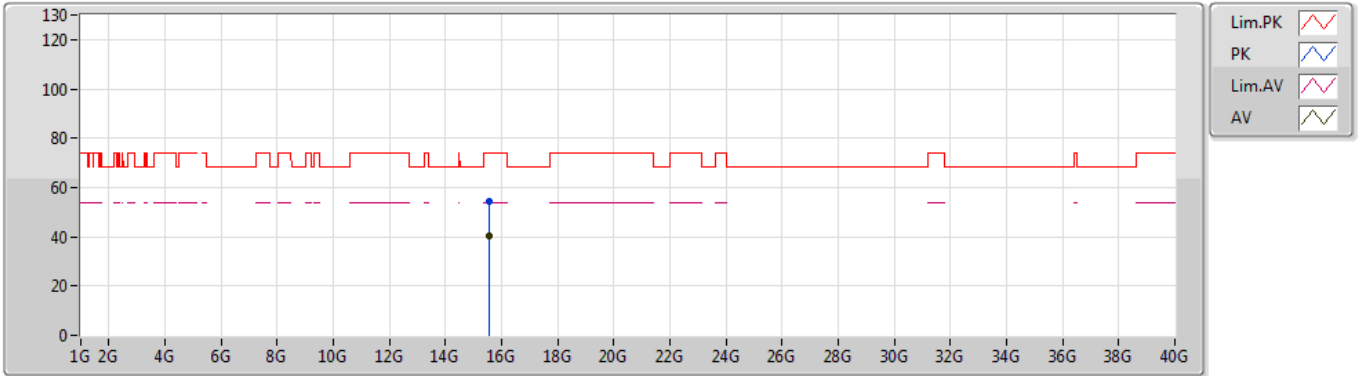
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.6531G	53.67	74.00	-20.33	15.10	3	Horizontal	52	2.48	-				
AV	11.64526G	39.51	54.00	-14.49	15.09	3	Horizontal	52	2.48	-				

802.11ax HEW40_Nss1,(MCS0)_4TX

06/07/2019

5190MHz_TX



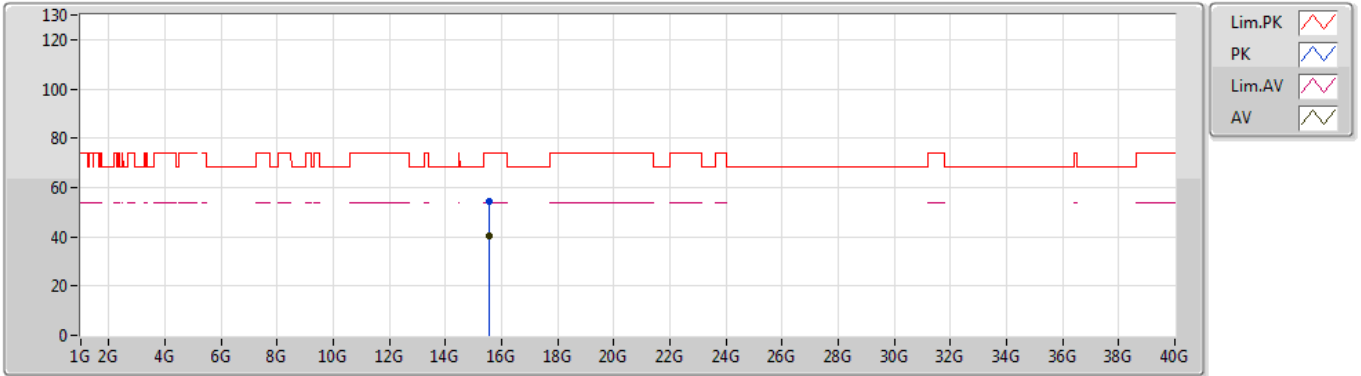
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.57416G	54.48	74.00	-19.52	15.98	3	Vertical	333	1.88	-				
AV	15.56572G	40.43	54.00	-13.57	16.01	3	Vertical	333	1.88	-				

802.11ax HEW40_Nss1,(MCS0)_4TX

06/07/2019

5190MHz_TX



EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.56916G	54.56	74.00	-19.44	16.00	3	Horizontal	259	2.41	-				
AV	15.56762G	40.41	54.00	-13.59	16.00	3	Horizontal	259	2.41	-				