

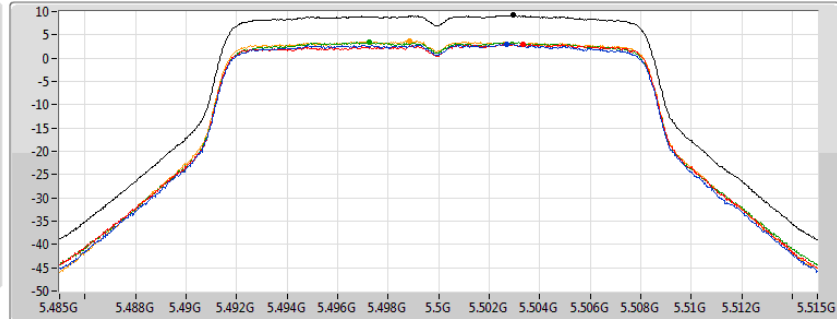
802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

02/08/2019

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



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.18	9.18	3.02	3.03	3.41	3.65

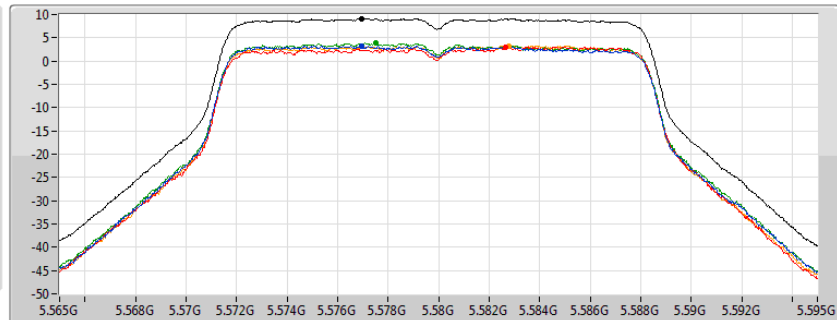
802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

02/08/2019

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



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.09	9.09	3.20	3.01	3.91	3.31

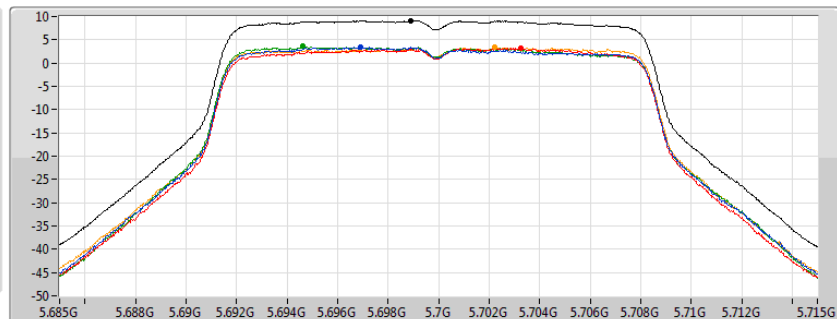
802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

02/08/2019

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



Sum
Port 1
Port 2
Port 3
Port 4

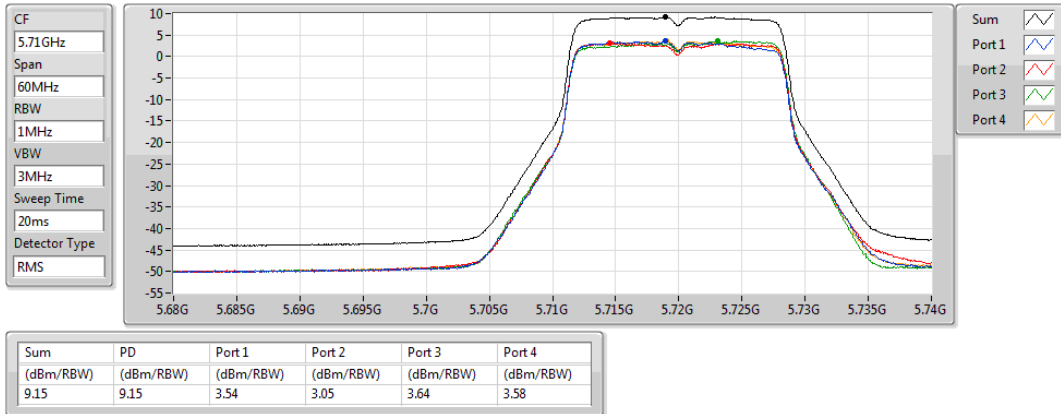
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.09	9.09	3.40	3.14	3.56	3.35

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

02/08/2019

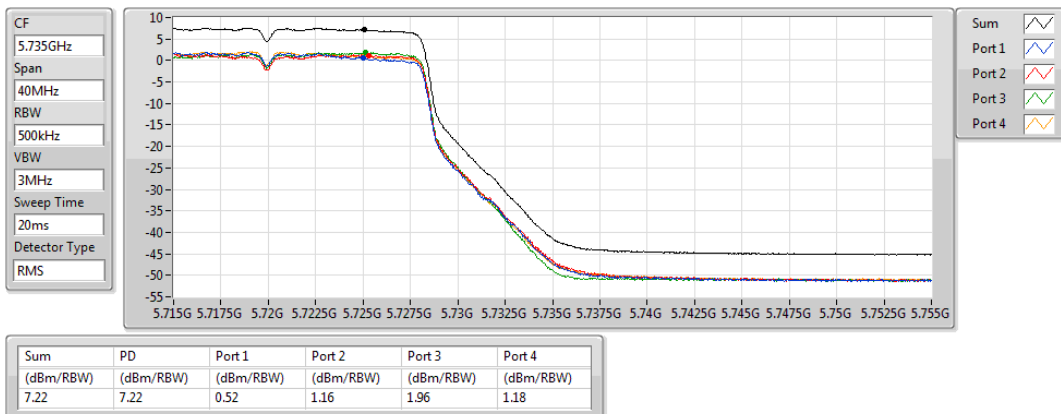


802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

02/08/2019

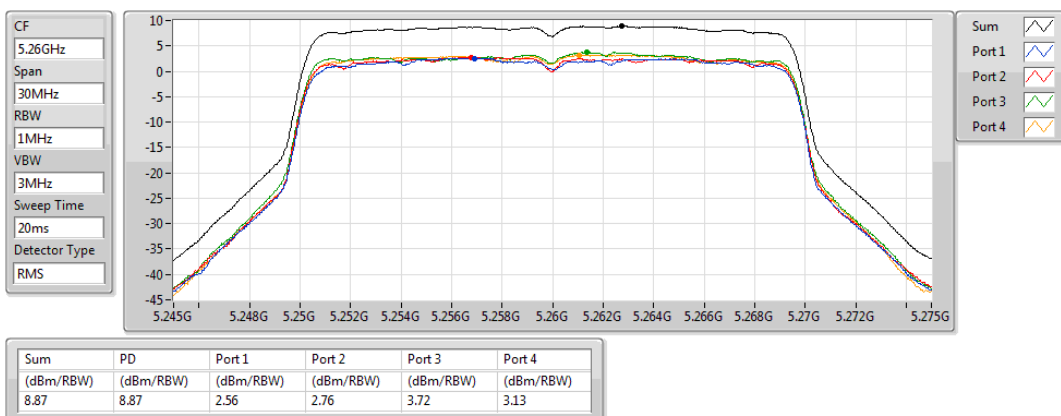


802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz

PSD

02/08/2019

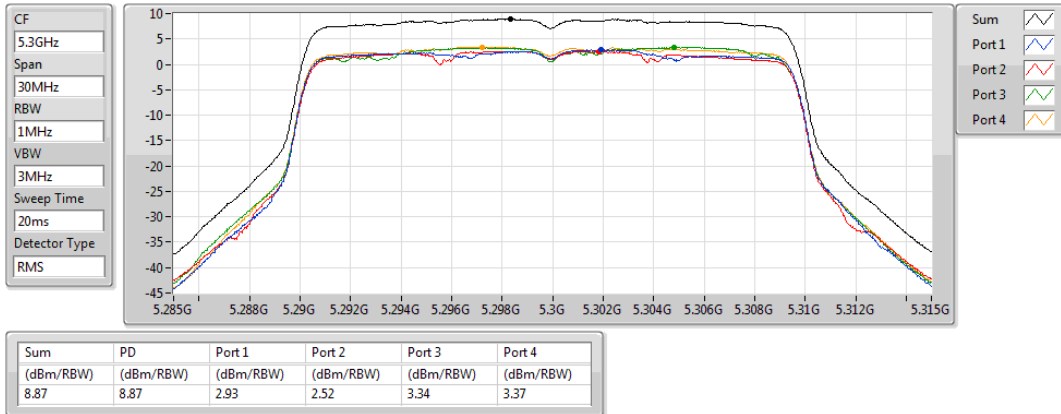


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

02/08/2019

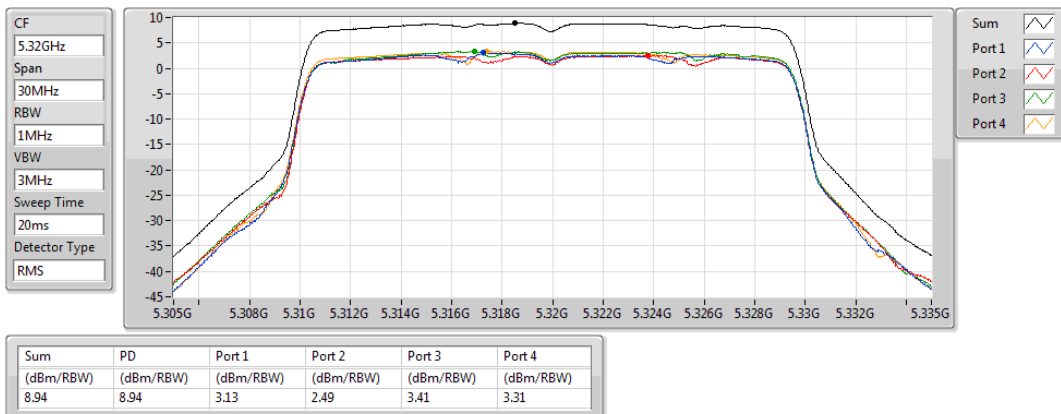


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

02/08/2019

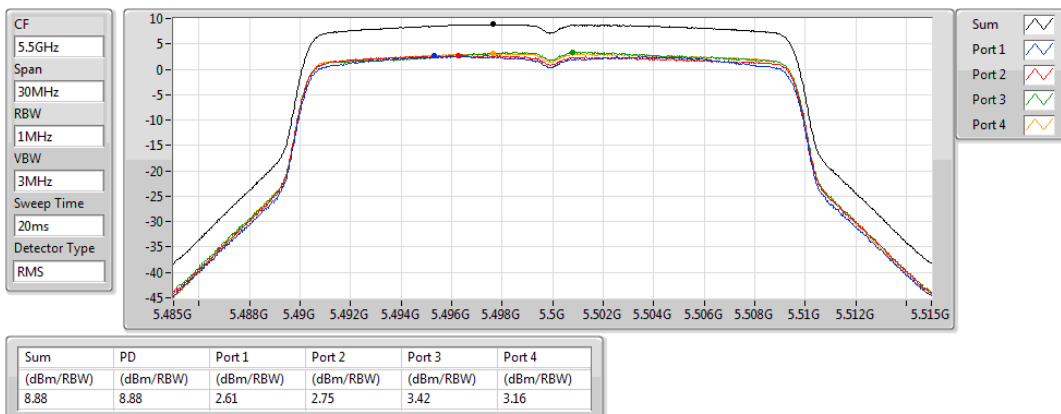


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

02/08/2019

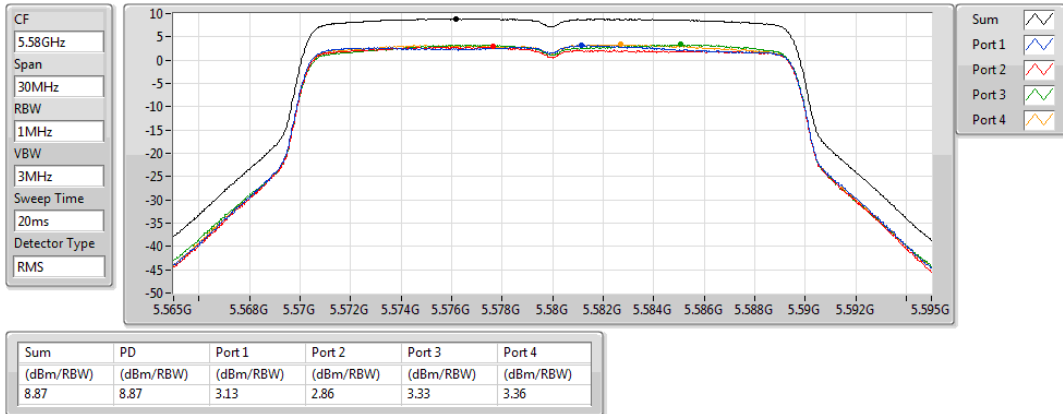


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

02/08/2019

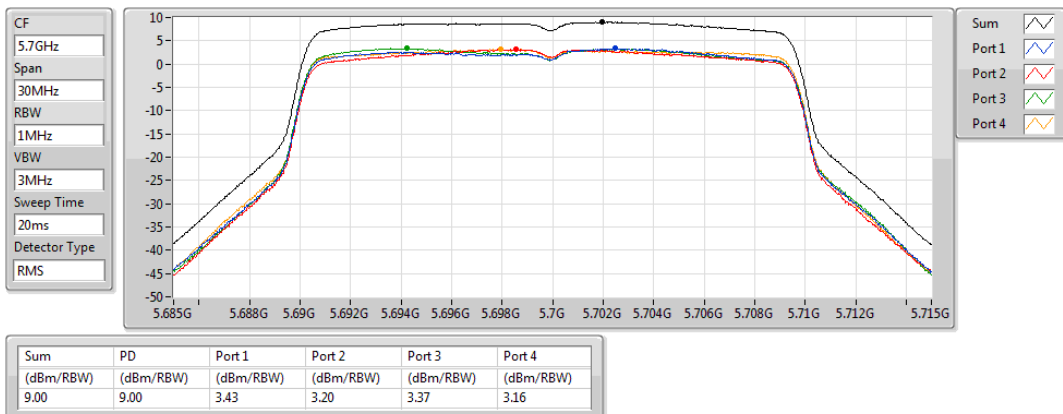


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

02/08/2019

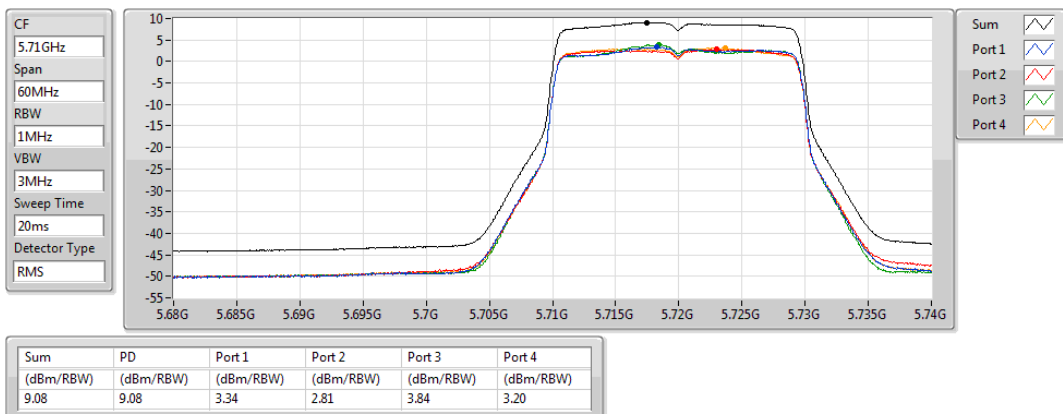


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

02/08/2019

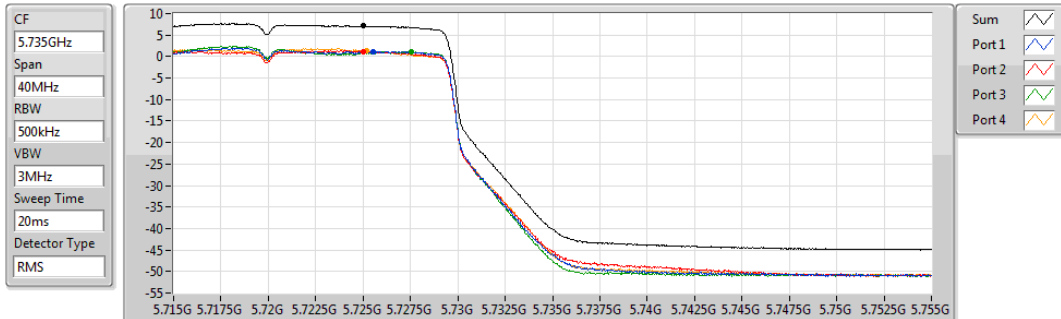


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

02/08/2019



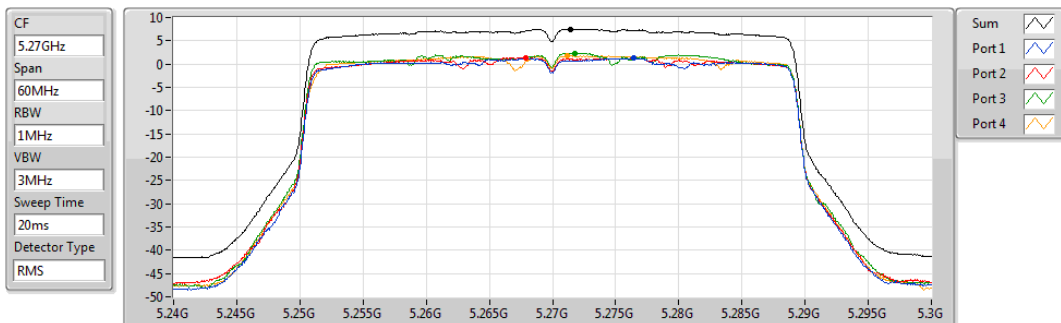
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.09	7.09	1.15	1.22	1.19	1.37

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

02/08/2019



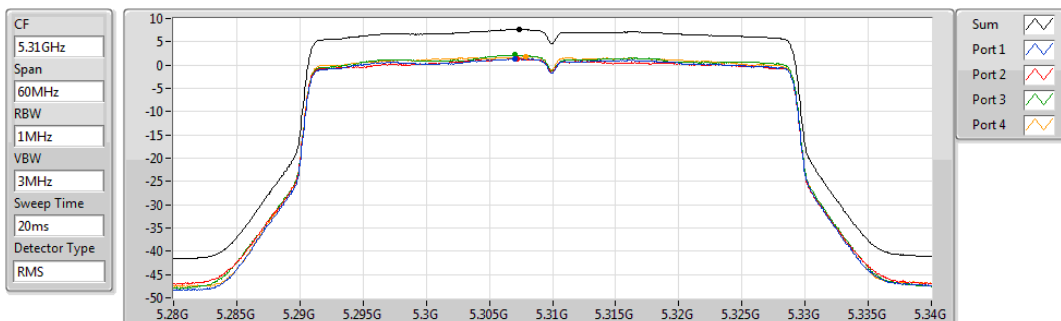
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.48	7.48	1.22	1.37	2.34	1.74

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

02/08/2019



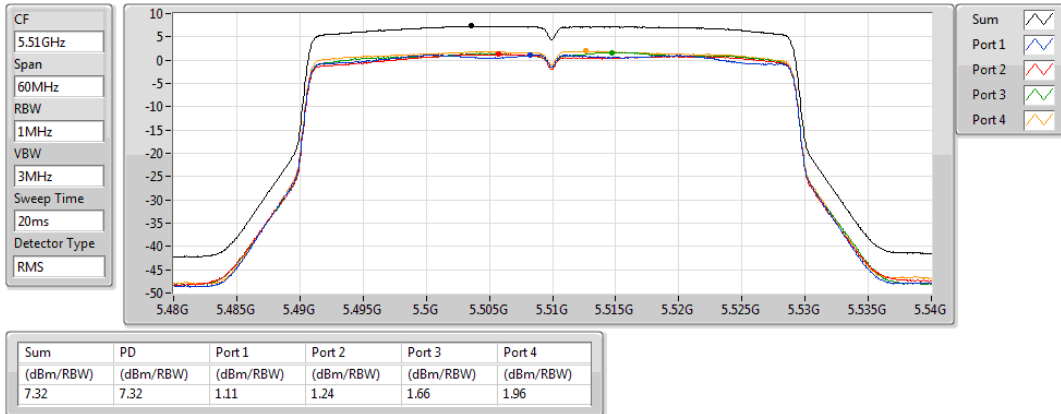
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.65	7.65	1.32	1.42	2.15	1.80

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

02/08/2019

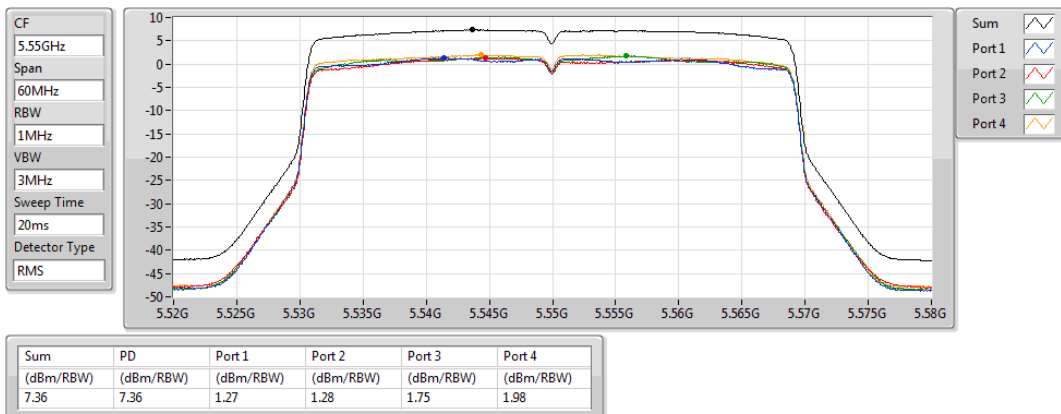


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

02/08/2019

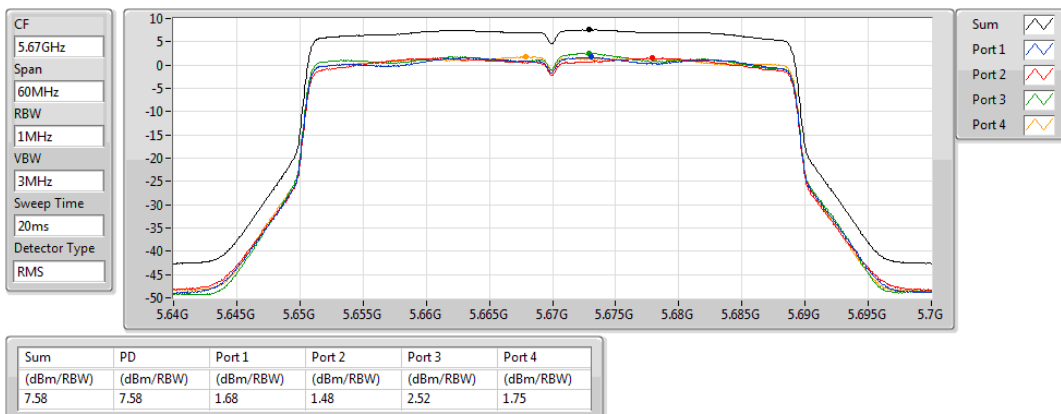


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

02/08/2019

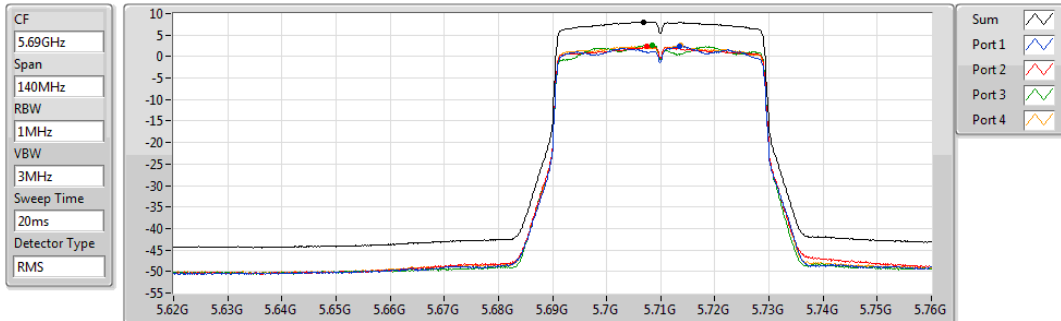


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

03/08/2019



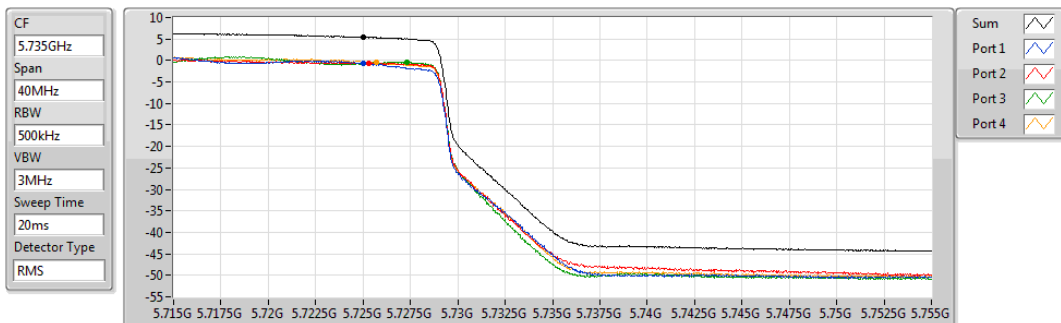
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.03	8.03	2.48	2.32	2.60	2.57

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

03/08/2019



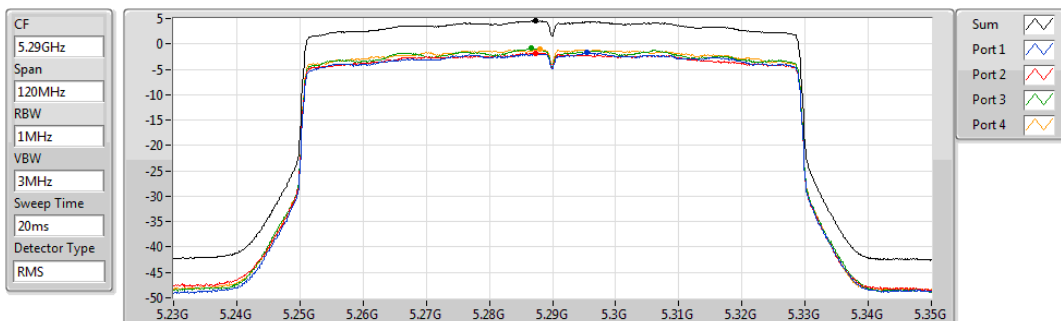
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.40	5.40	-0.66	-0.58	-0.34	-0.44

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

03/08/2019



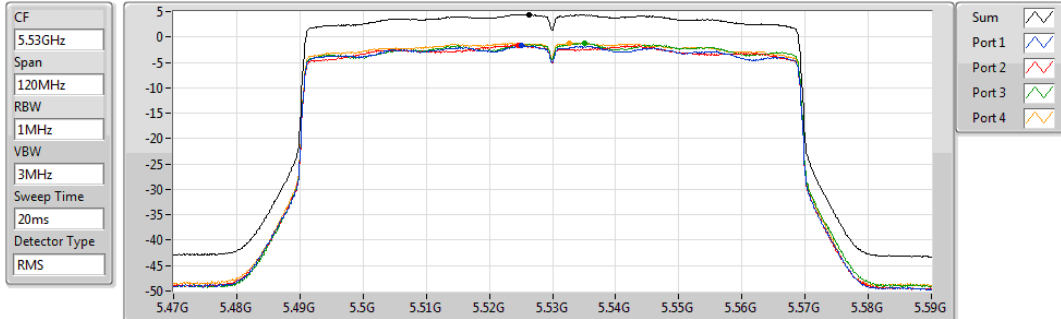
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.56	4.56	-1.74	-1.80	-0.84	-1.06

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

03/08/2019



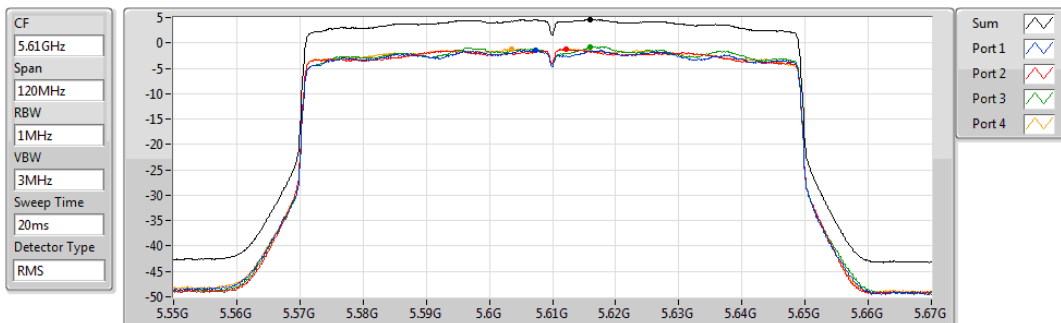
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.43	4.43	-1.70	-1.58	-1.25	-1.16

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

03/08/2019



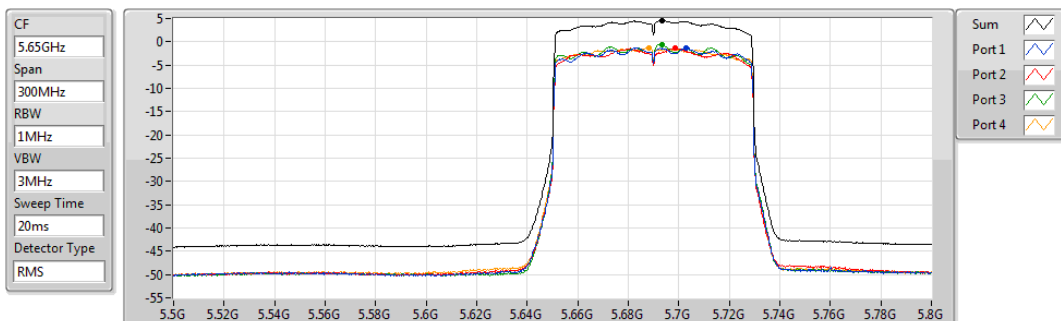
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.63	4.63	-1.40	-1.24	-0.77	-1.17

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

03/08/2019



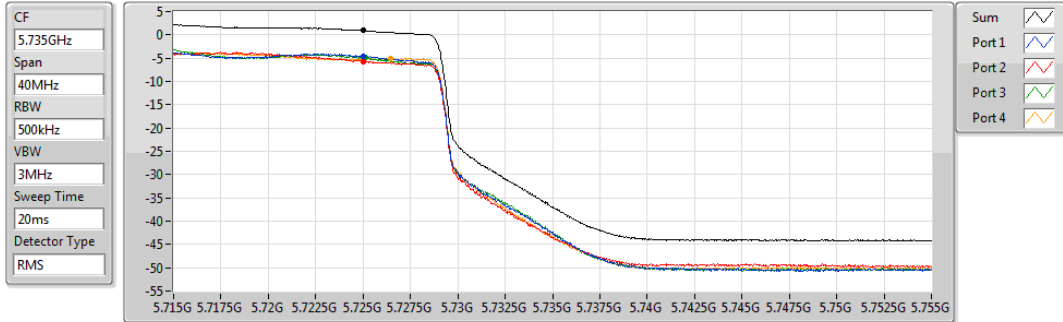
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.54	4.54	-1.27	-1.32	-0.54	-1.28

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

03/08/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.92	0.92	-4.58	-5.68	-4.96	-5.06

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.59
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.19
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.66
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.09
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.22
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.08
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	6.12
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.20
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.62

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	-	-	-	-	-	-	-	-
5260MHz	Pass	7.69	1.76	2.22	2.98	2.88	8.35	9.31
5300MHz	Pass	7.69	2.18	2.21	2.77	3.16	8.40	9.31
5320MHz	Pass	7.69	2.38	2.29	3.02	3.14	8.59	9.31
5500MHz	Pass	7.69	1.97	2.03	2.03	2.32	7.97	9.31
5580MHz	Pass	7.69	1.85	1.92	1.87	2.21	7.80	9.31
5700MHz	Pass	7.69	1.64	2.15	1.68	2.47	7.83	9.31
5720MHz Straddle 5.47-5.725GHz	Pass	7.69	2.55	2.22	1.81	2.76	8.09	9.31
5720MHz Straddle 5.725-5.85GHz	Pass	7.69	0.22	-0.33	-0.24	0.92	6.12	28.31
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	7.69	0.27	0.13	0.72	0.61	6.14	9.31
5310MHz	Pass	7.69	-0.18	-0.28	1.06	0.56	6.19	9.31
5510MHz	Pass	7.69	-0.31	-0.77	-0.96	-0.15	5.31	9.31
5550MHz	Pass	7.69	-0.73	-0.86	-0.71	-0.31	5.15	9.31
5670MHz	Pass	7.69	-0.12	-0.32	-0.09	0.50	5.89	9.31
5710MHz Straddle 5.47-5.725GHz	Pass	7.69	0.57	0.53	-0.20	0.74	6.22	9.31
5710MHz Straddle 5.725-5.85GHz	Pass	7.69	-2.48	-2.71	-3.43	-2.46	3.20	28.31
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.69	-3.27	-3.71	-2.87	-2.67	2.66	9.31
5530MHz	Pass	7.69	-3.44	-3.59	-3.92	-3.98	2.01	9.31
5610MHz	Pass	7.69	-3.69	-3.53	-4.29	-3.52	1.93	9.31
5690MHz Straddle 5.47-5.725GHz	Pass	7.69	-2.71	-2.12	-3.27	-2.59	3.08	9.31
5690MHz Straddle 5.725-5.85GHz	Pass	7.69	-5.77	-7.45	-7.03	-5.90	-0.62	28.31

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

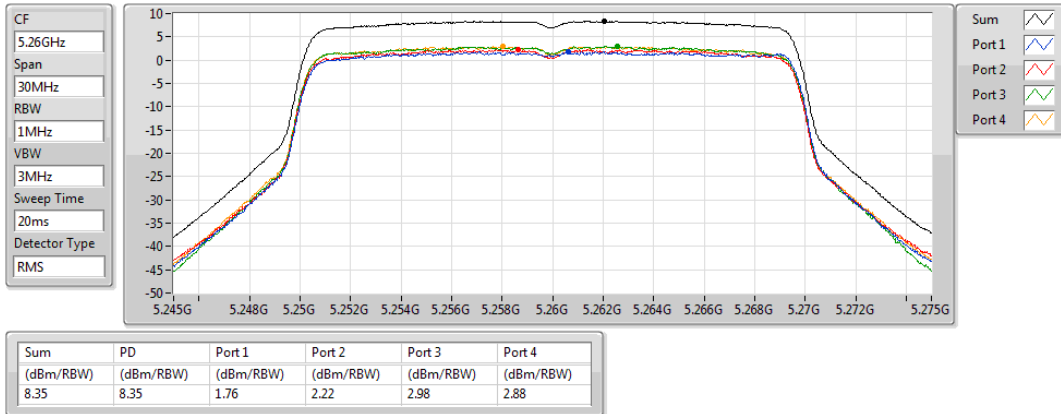
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

07/08/2019

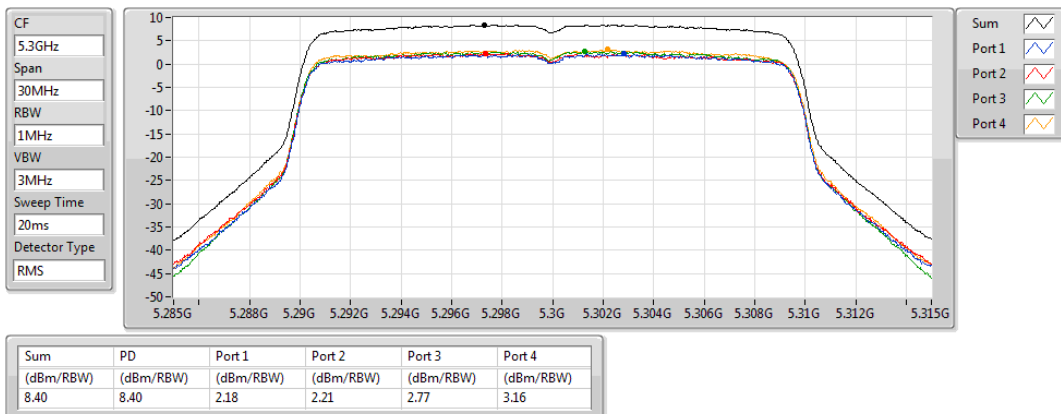


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

07/08/2019

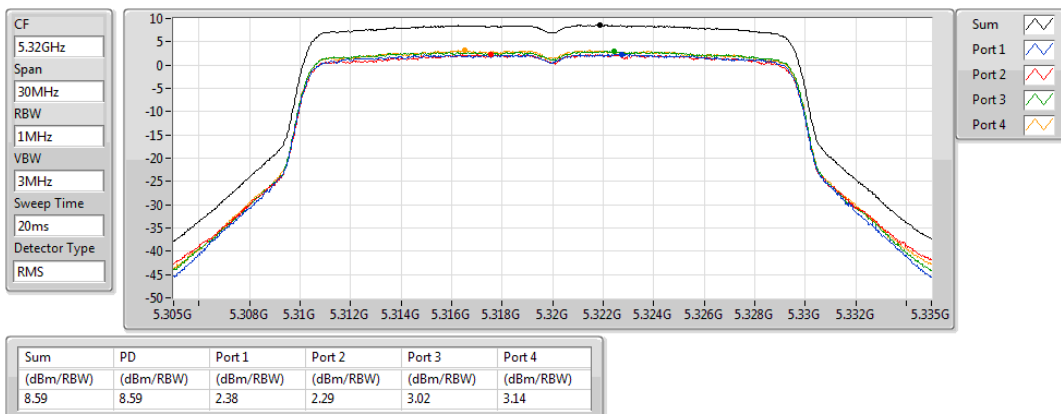


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

07/08/2019

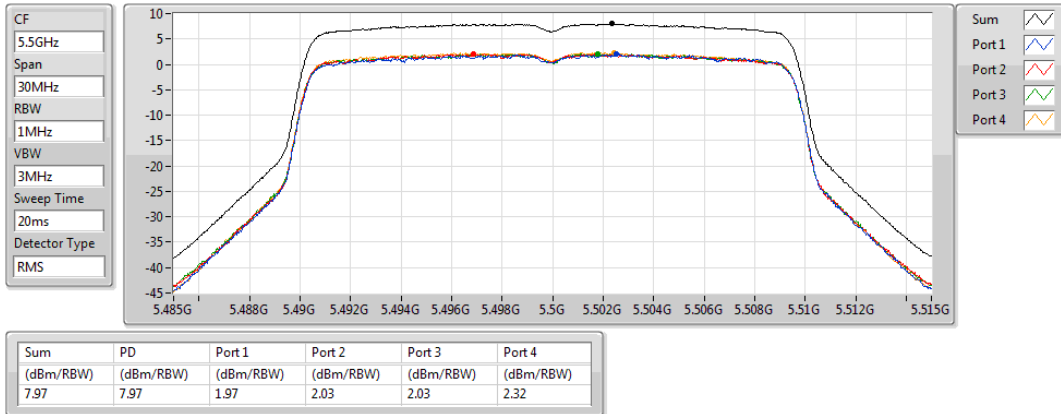


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

07/08/2019

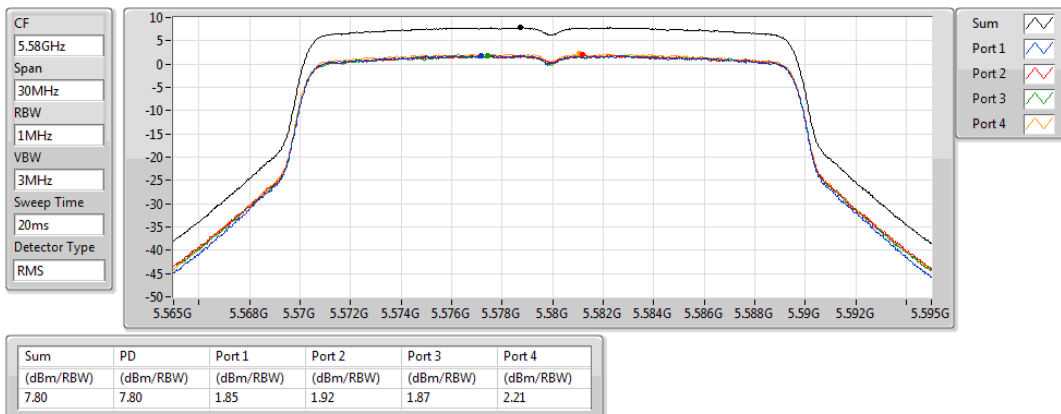


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

07/08/2019

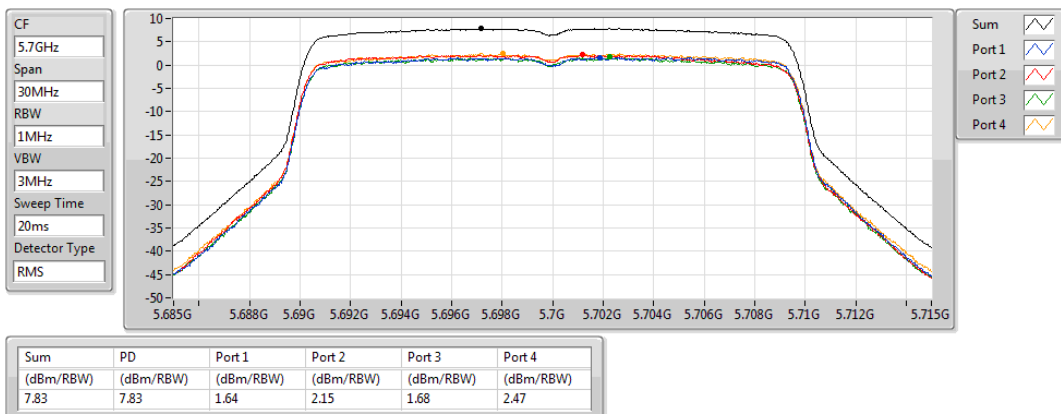


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

07/08/2019

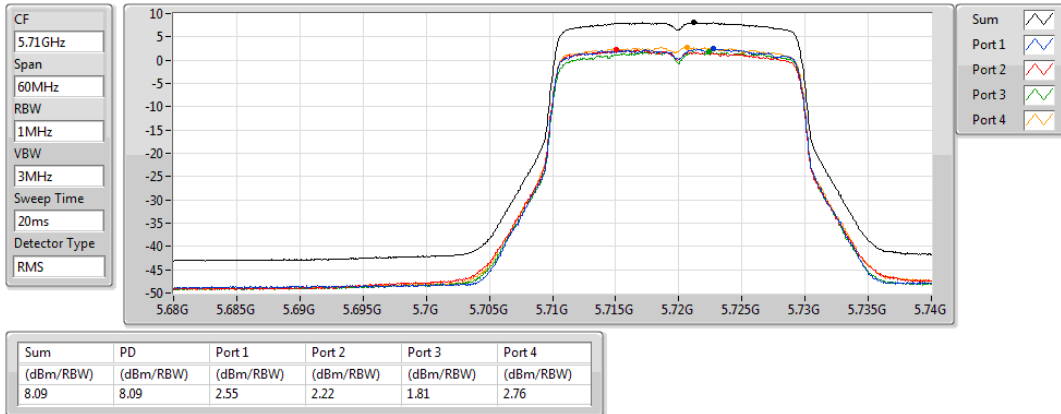


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

07/08/2019

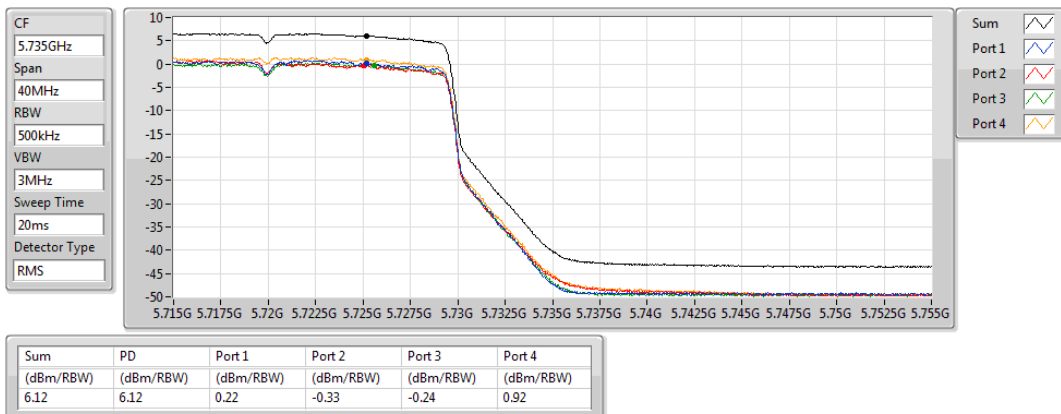


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

07/08/2019

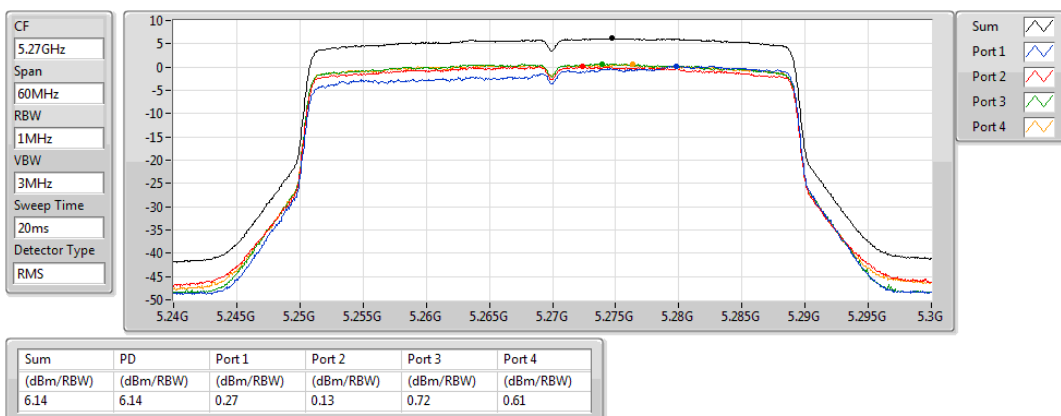


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz

PSD

07/08/2019

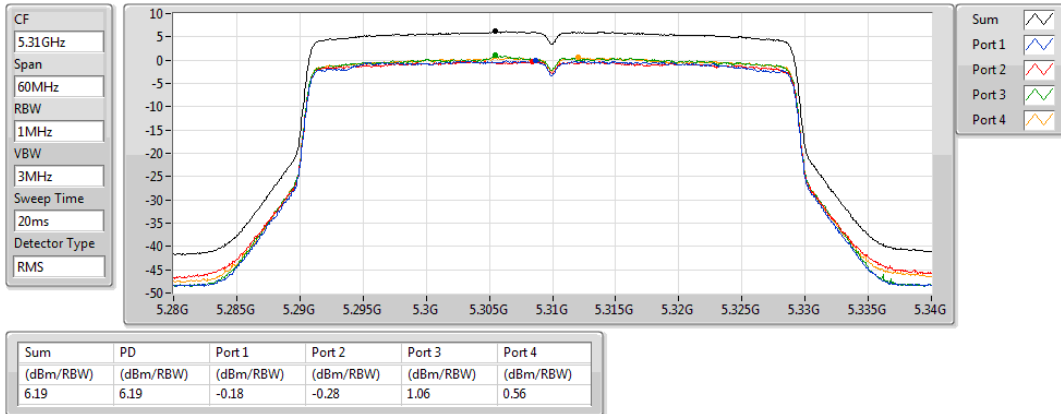


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

07/08/2019

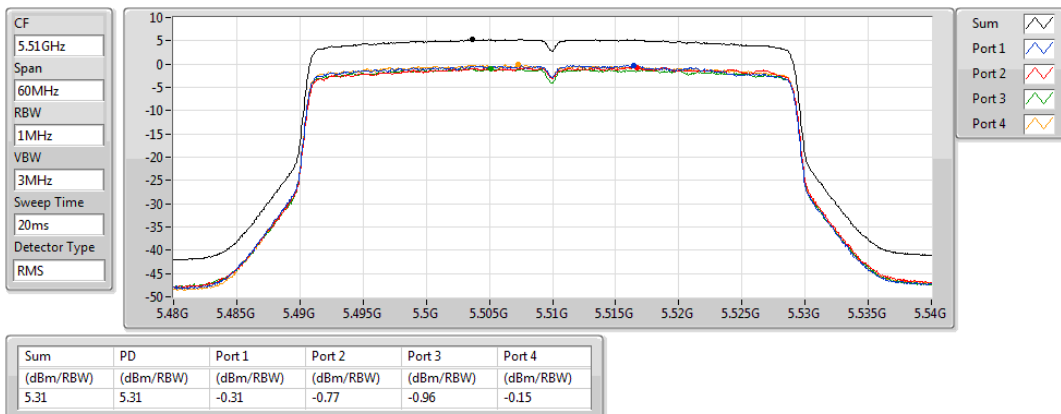


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

07/08/2019

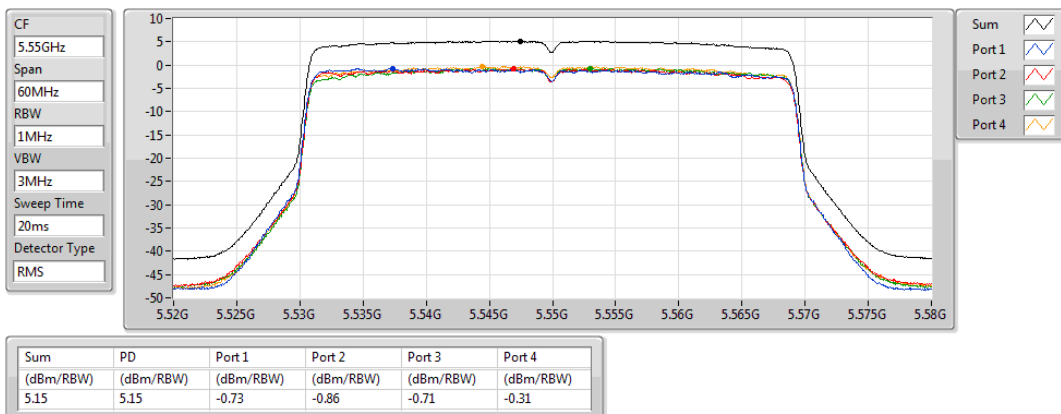


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

07/08/2019

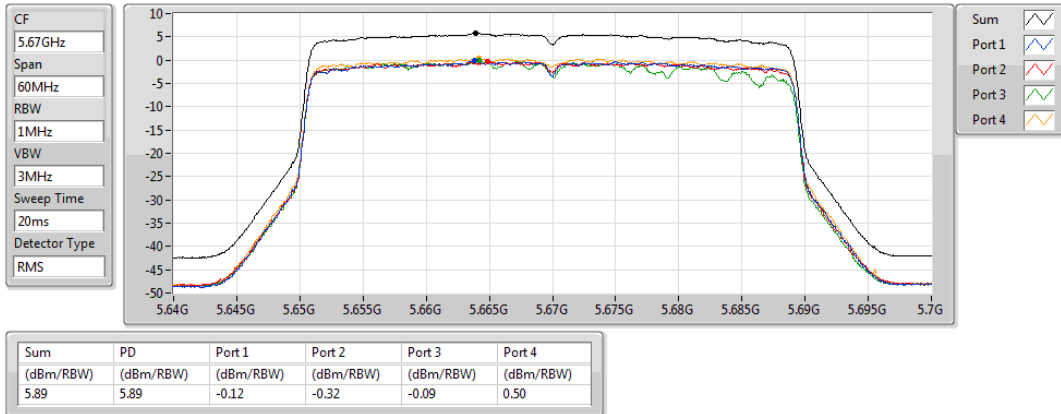


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

07/08/2019

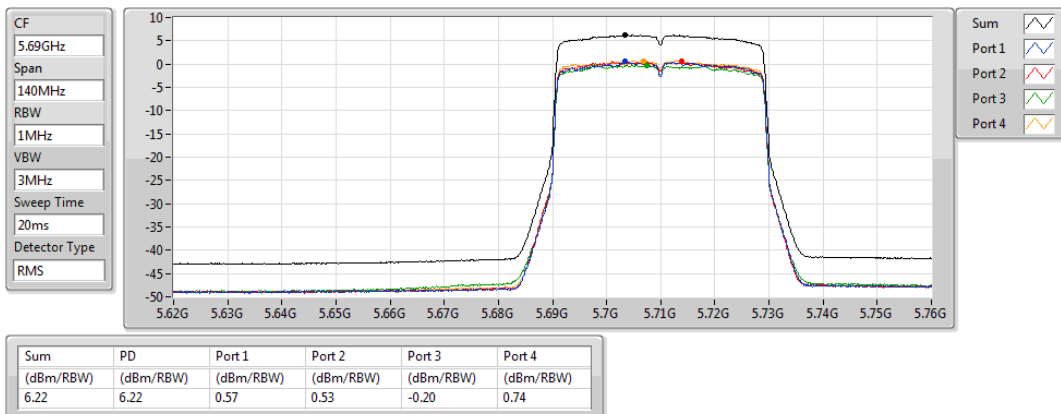


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

07/08/2019

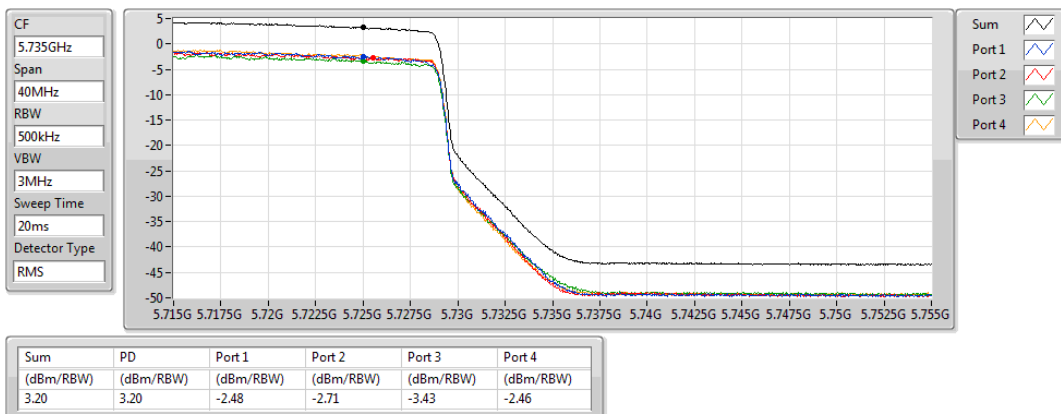


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

07/08/2019

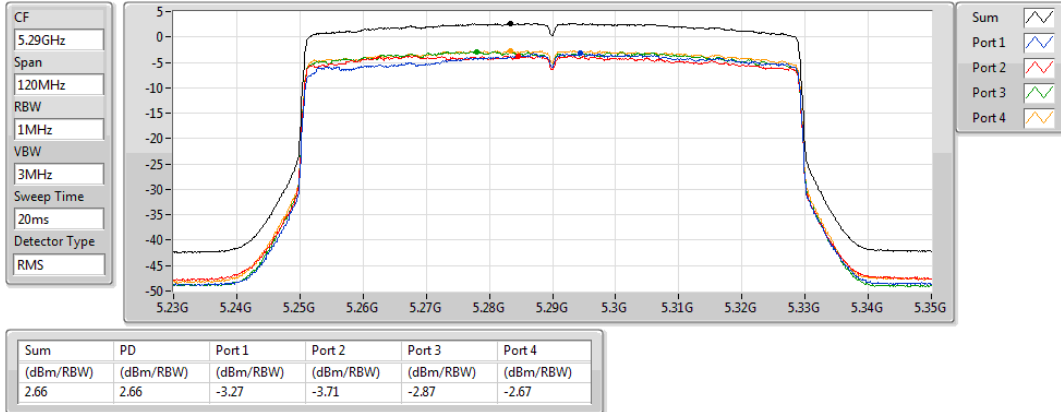


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

07/08/2019

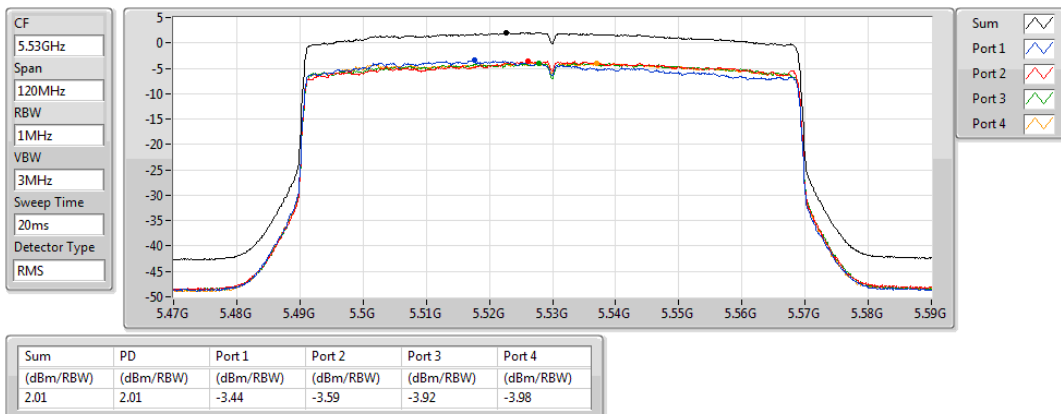


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

07/08/2019

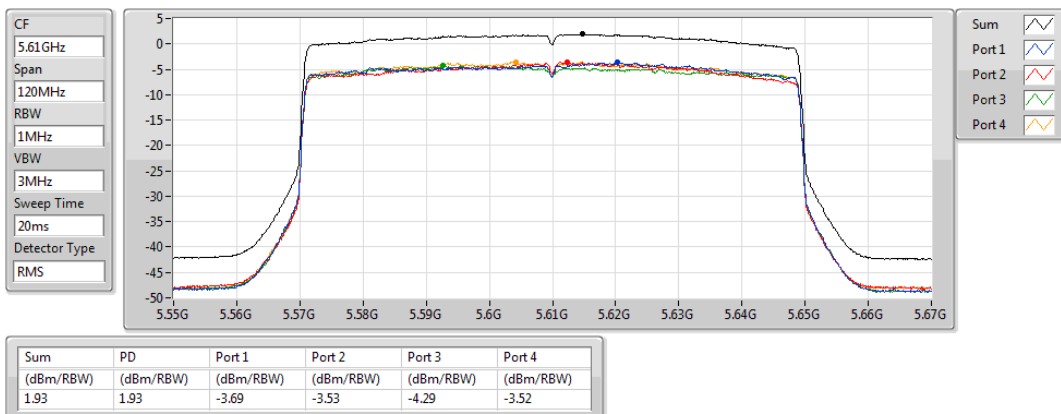


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

07/08/2019

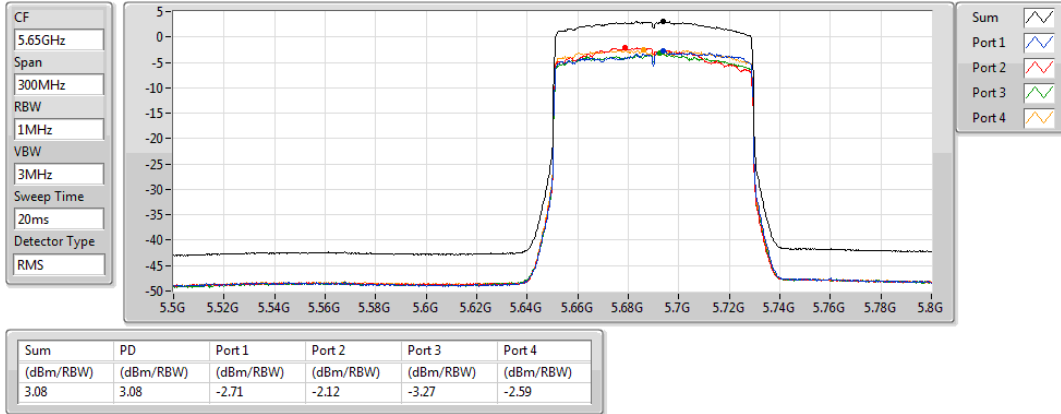


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

07/08/2019

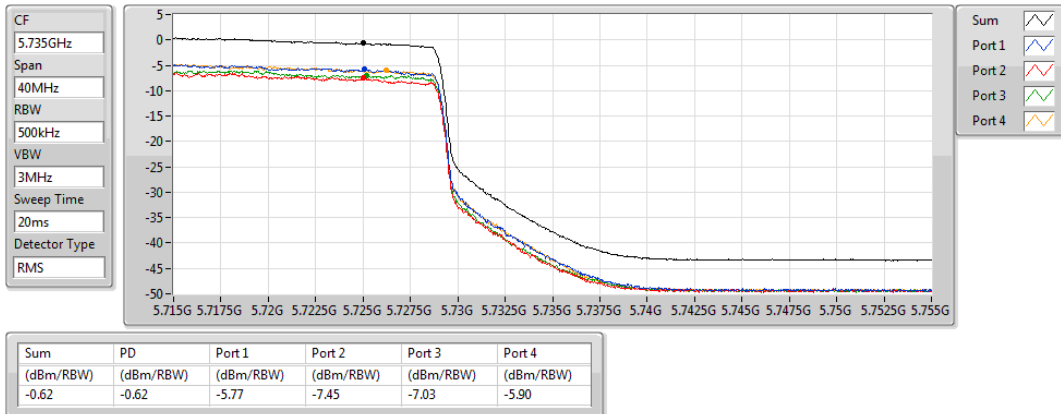


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

07/08/2019



Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.96
802.11ax HEW20_Nss1,(MCS0)_1TX	10.81
802.11ax HEW40_Nss1,(MCS0)_1TX	7.87
802.11ax HEW80_Nss1,(MCS0)_1TX	4.70
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.96
802.11ax HEW20_Nss1,(MCS0)_1TX	10.69
802.11ax HEW40_Nss1,(MCS0)_1TX	8.14
802.11ax HEW80_Nss1,(MCS0)_1TX	4.76
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.85
802.11ax HEW20_Nss1,(MCS0)_1TX	8.54
802.11ax HEW40_Nss1,(MCS0)_1TX	5.47
802.11ax HEW80_Nss1,(MCS0)_1TX	1.58

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	-	-	-	-	-
5260MHz	Pass	2.17	10.95	10.95	11.00
5300MHz	Pass	2.17	10.96	10.96	11.00
5320MHz	Pass	2.17	10.77	10.77	11.00
5500MHz	Pass	2.17	10.96	10.96	11.00
5580MHz	Pass	2.17	10.92	10.92	11.00
5700MHz	Pass	2.17	10.82	10.82	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.17	10.90	10.90	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.17	8.85	8.85	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	2.17	10.72	10.72	11.00
5300MHz	Pass	2.17	10.81	10.81	11.00
5320MHz	Pass	2.17	10.49	10.49	11.00
5500MHz	Pass	2.17	10.69	10.69	11.00
5580MHz	Pass	2.17	10.54	10.54	11.00
5700MHz	Pass	2.17	9.98	9.98	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	2.17	10.39	10.39	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	2.17	8.54	8.54	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	2.17	7.76	7.76	11.00
5310MHz	Pass	2.17	7.87	7.87	11.00
5510MHz	Pass	2.17	7.31	7.31	11.00
5550MHz	Pass	2.17	7.80	7.80	11.00
5670MHz	Pass	2.17	7.58	7.58	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	2.17	8.14	8.14	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	2.17	5.47	5.47	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	2.17	4.70	4.70	11.00
5530MHz	Pass	2.17	3.85	3.85	11.00
5610MHz	Pass	2.17	4.54	4.54	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	2.17	4.76	4.76	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	2.17	1.58	1.58	30.00

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

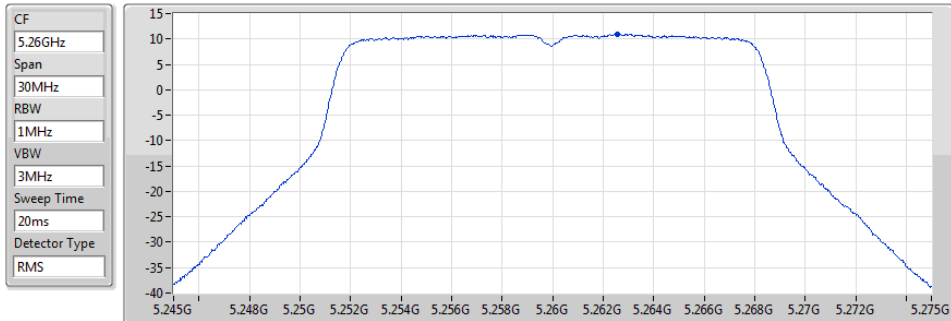
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

03/08/2019



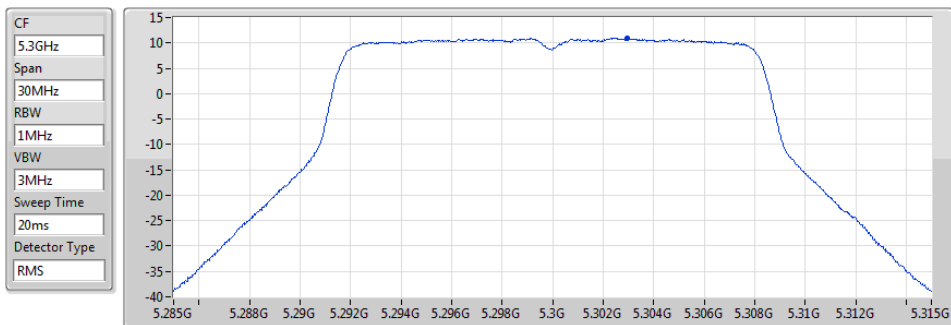
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.95	10.95	10.95

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

03/08/2019



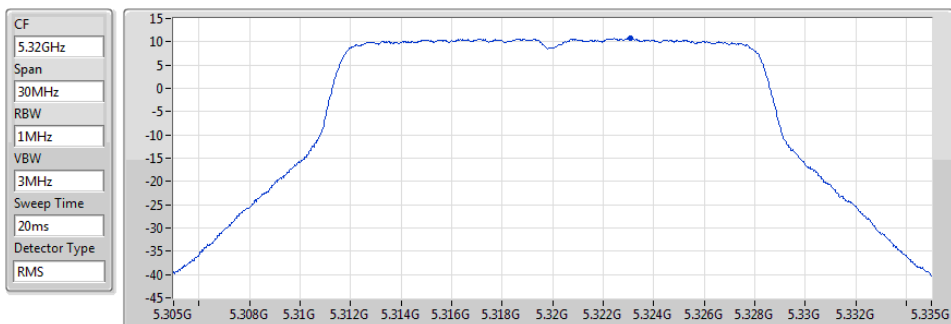
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.96	10.96	10.96

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

03/08/2019



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.77	10.77	10.77

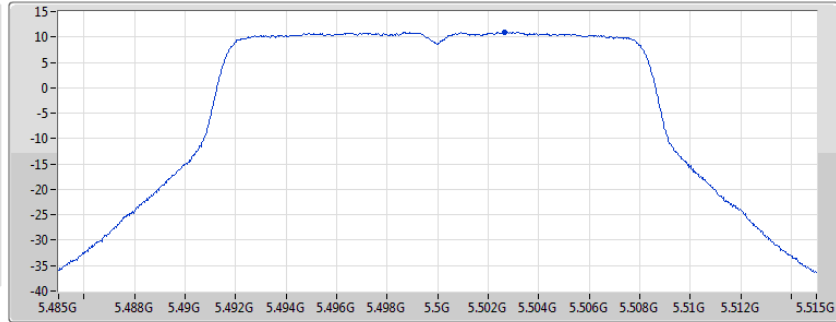
802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

03/08/2019

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



Port 1

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

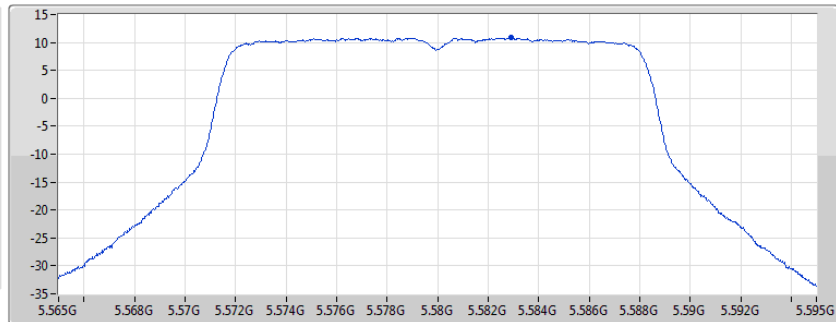
802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

03/08/2019

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



Port 1

Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.92	10.92	10.92

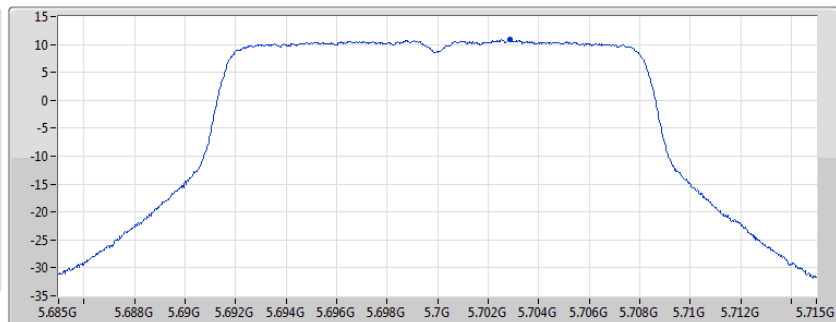
802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

03/08/2019

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



Port 1

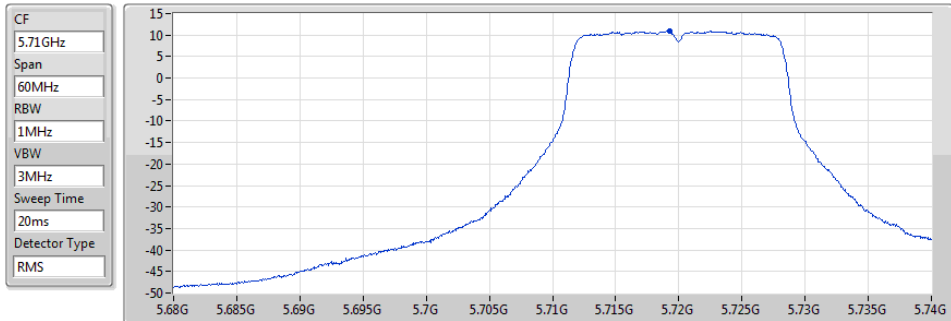
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.82	10.82	10.82

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

03/08/2019



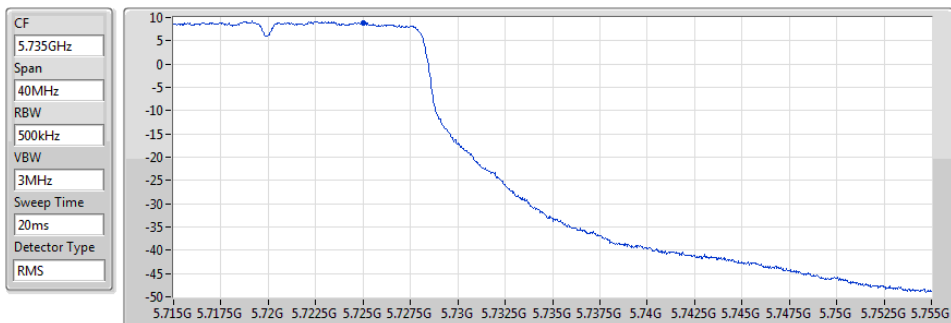
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.90	10.90	10.90

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

03/08/2019



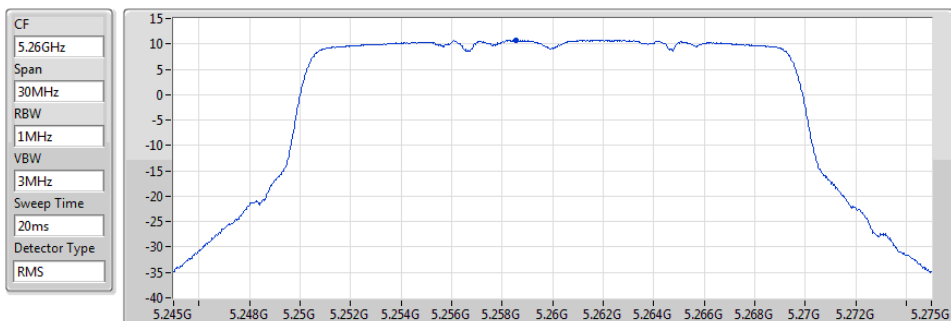
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.85	8.85	8.85

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

03/08/2019



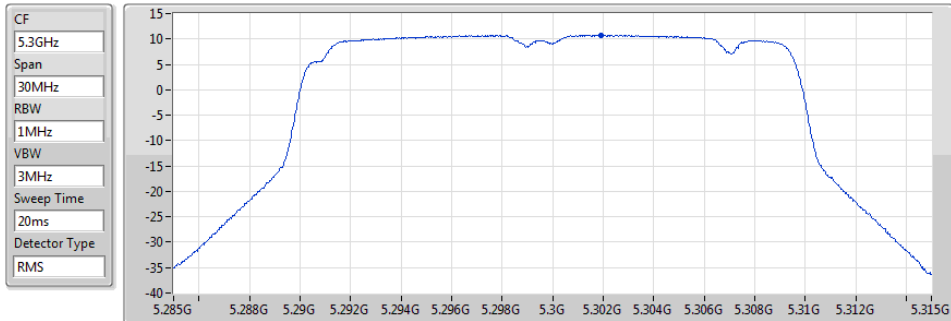
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.72	10.72	10.72

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

03/08/2019



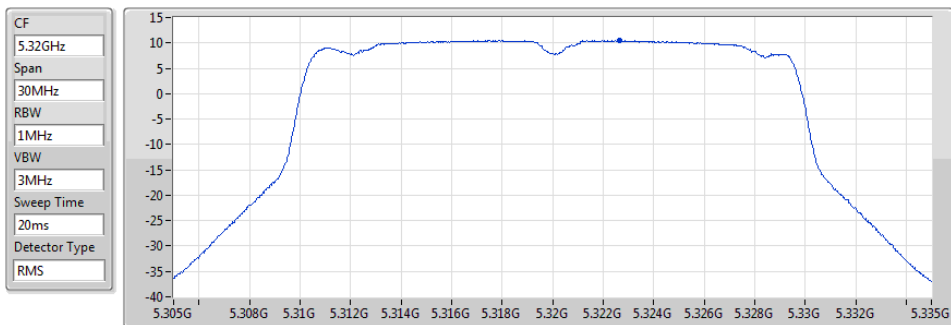
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.81	10.81	10.81

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

03/08/2019



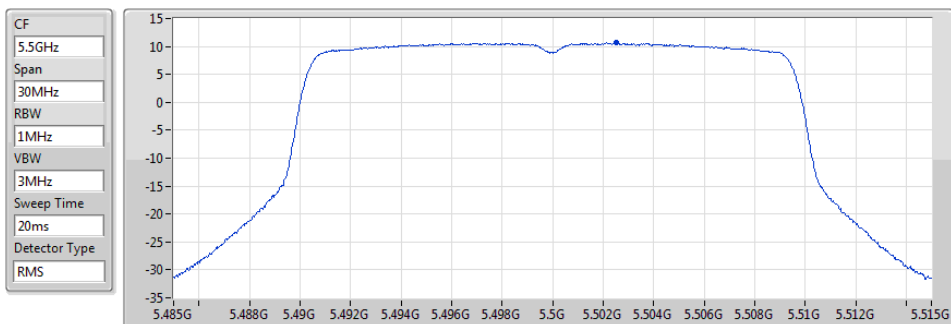
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.49	10.49	10.49

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

03/08/2019



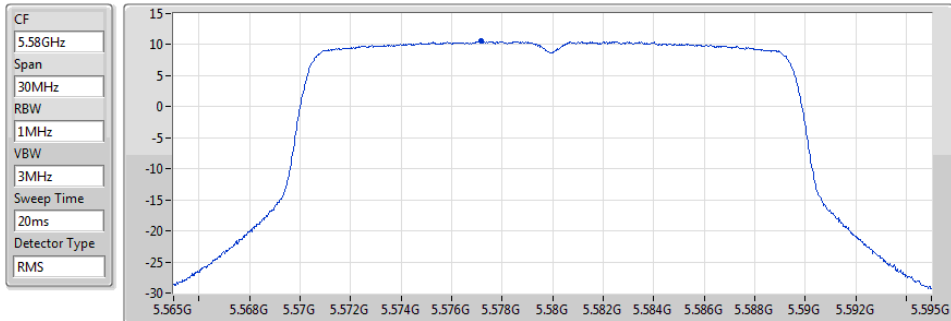
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.69	10.69	10.69

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

03/08/2019



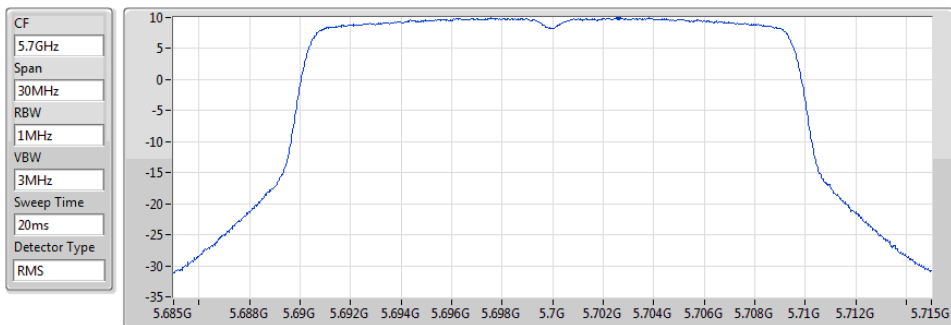
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.54	10.54	10.54

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

03/08/2019



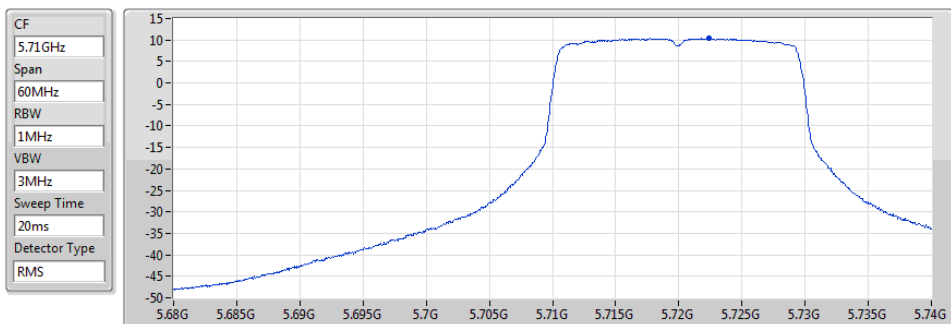
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.98	9.98	9.98

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

03/08/2019



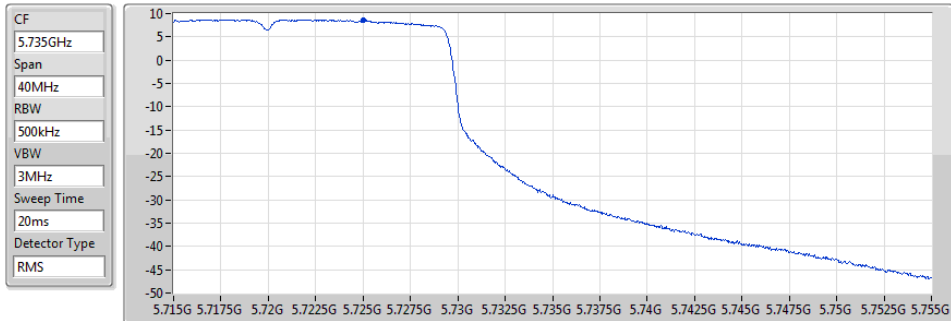
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.39	10.39	10.39

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

03/08/2019



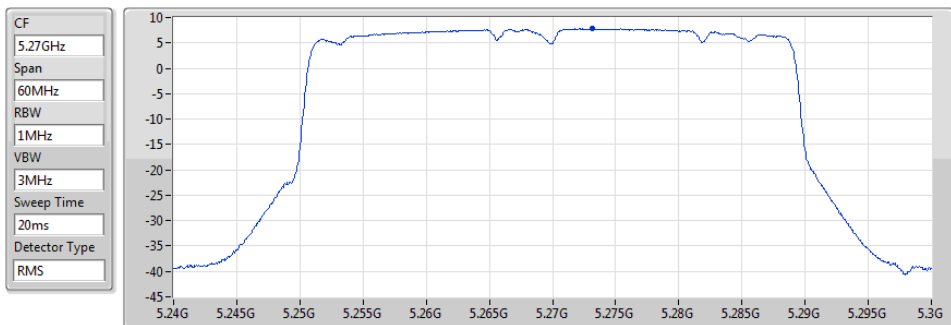
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.54	8.54	8.54

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

03/08/2019



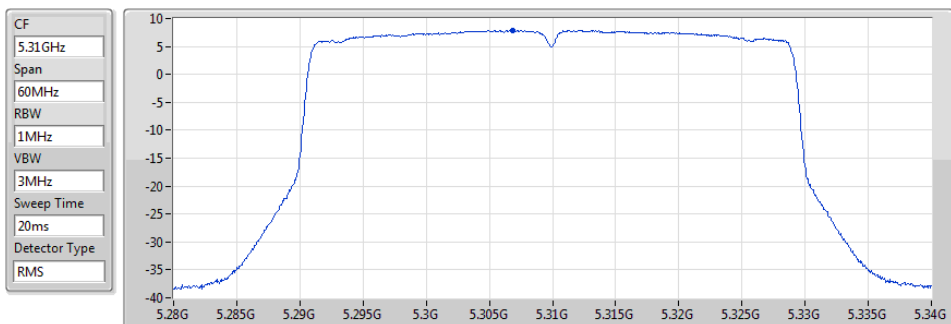
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.76	7.76	7.76

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

03/08/2019



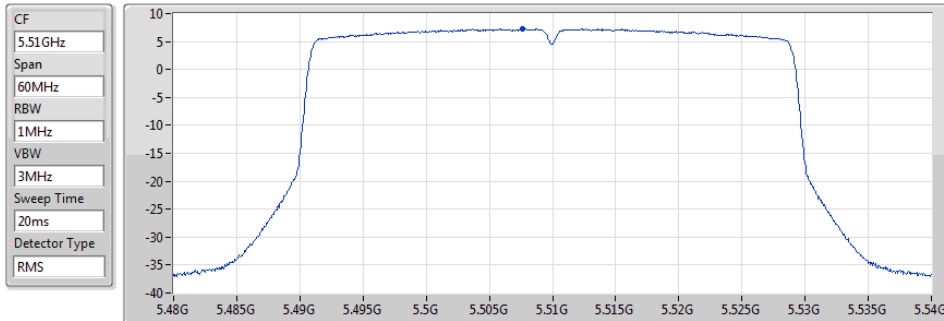
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.87	7.87	7.87

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

03/08/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.31	7.31	7.31

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

03/08/2019



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

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

03/08/2019



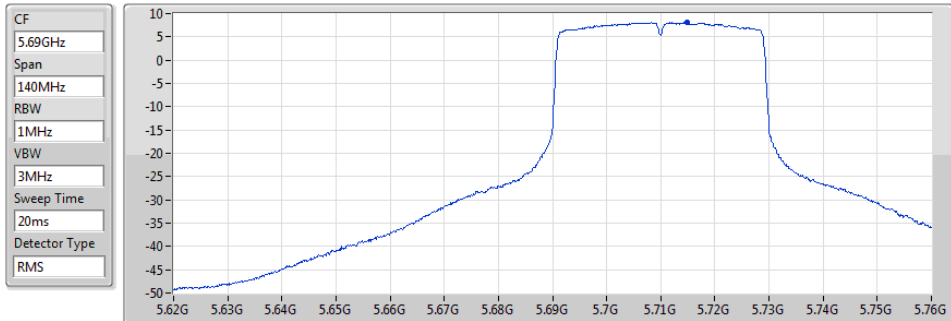
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.58	7.58	7.58

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

03/08/2019



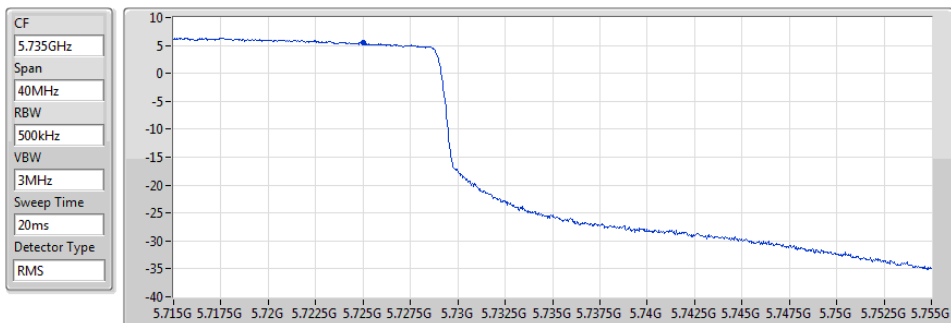
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.14	8.14	8.14

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

03/08/2019



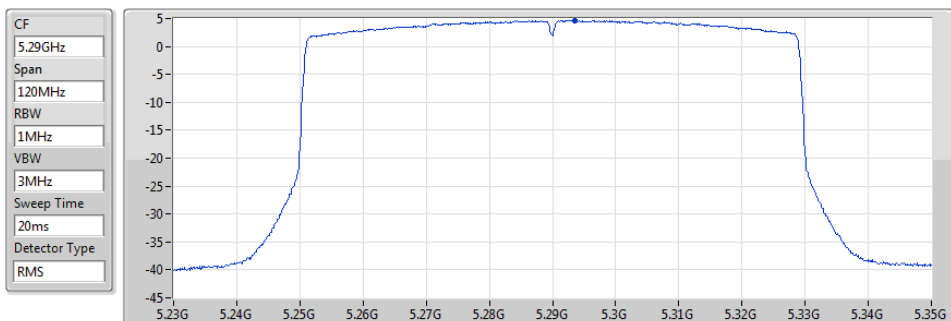
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.47	5.47	5.47

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

03/08/2019



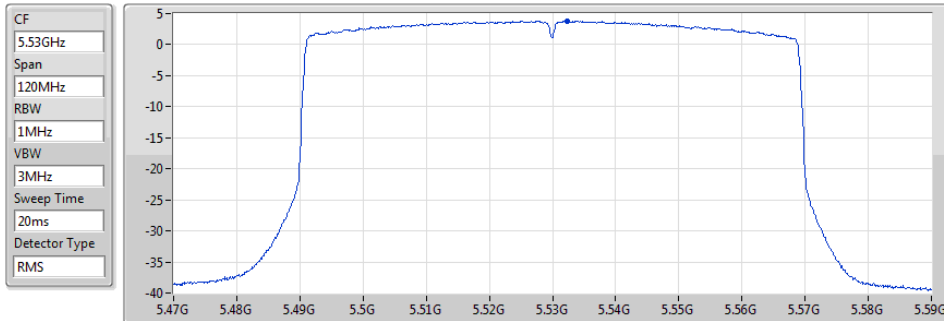
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.70	4.70	4.70

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

03/08/2019



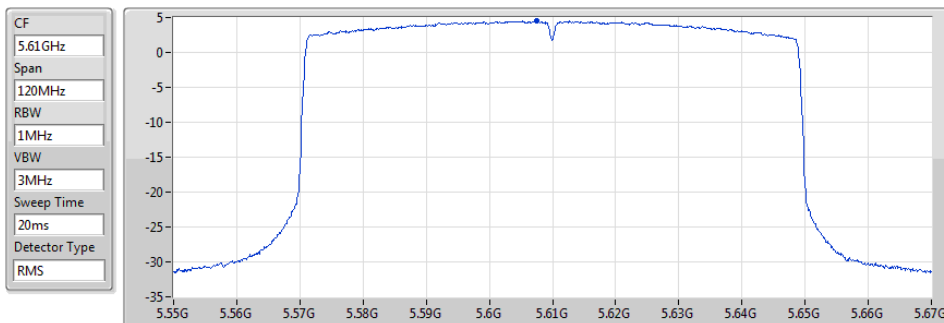
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.85	3.85	3.85

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

03/08/2019



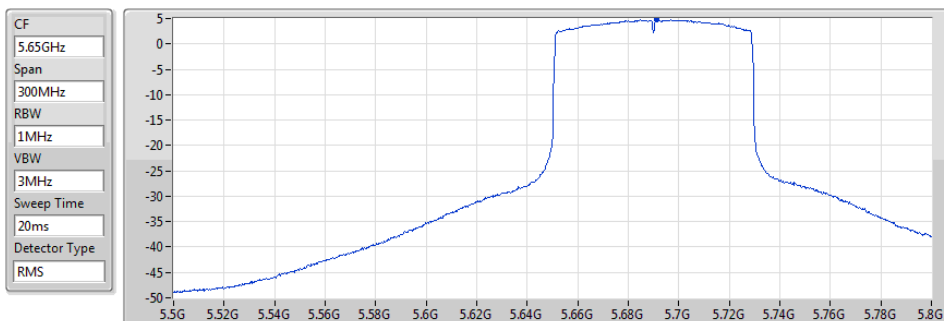
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.54	4.54	4.54

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

03/08/2019



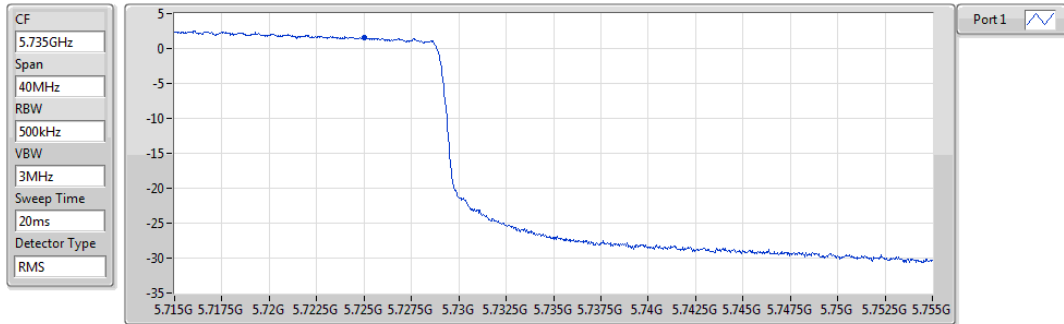
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.76	4.76	4.76

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

03/08/2019



Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.58	1.58	1.58

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.88
802.11ax HEW20_Nss1,(MCS0)_2TX	10.75
802.11ax HEW40_Nss1,(MCS0)_2TX	7.86
802.11ax HEW80_Nss1,(MCS0)_2TX	4.60
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.94
802.11ax HEW20_Nss1,(MCS0)_2TX	10.57
802.11ax HEW40_Nss1,(MCS0)_2TX	8.09
802.11ax HEW80_Nss1,(MCS0)_2TX	4.88
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.72
802.11ax HEW20_Nss1,(MCS0)_2TX	8.46
802.11ax HEW40_Nss1,(MCS0)_2TX	5.21
802.11ax HEW80_Nss1,(MCS0)_2TX	1.37

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	-	-	-	-	-	-
5260MHz	Pass	4.19	7.94	7.60	10.70	11.00
5300MHz	Pass	4.19	7.92	7.33	10.64	11.00
5320MHz	Pass	4.19	8.22	7.50	10.88	11.00
5500MHz	Pass	4.19	8.19	7.81	10.94	11.00
5580MHz	Pass	4.19	8.13	7.66	10.72	11.00
5700MHz	Pass	4.19	7.94	7.51	10.61	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.19	8.24	7.75	10.86	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.19	6.02	5.42	8.72	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.19	7.88	7.38	10.60	11.00
5300MHz	Pass	4.19	8.00	7.29	10.63	11.00
5320MHz	Pass	4.19	8.12	7.38	10.75	11.00
5500MHz	Pass	4.19	7.72	7.51	10.52	11.00
5580MHz	Pass	4.19	7.85	7.19	10.43	11.00
5700MHz	Pass	4.19	7.87	7.18	10.46	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.19	8.03	7.35	10.57	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.19	5.79	5.09	8.46	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.19	5.18	4.66	7.86	11.00
5310MHz	Pass	4.19	5.13	4.59	7.84	11.00
5510MHz	Pass	4.19	4.86	4.65	7.66	11.00
5550MHz	Pass	4.19	5.11	4.59	7.77	11.00
5670MHz	Pass	4.19	4.93	4.41	7.60	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.19	5.44	5.03	8.09	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.19	2.52	1.90	5.21	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.19	1.83	1.38	4.60	11.00
5530MHz	Pass	4.19	1.91	1.62	4.72	11.00
5610MHz	Pass	4.19	1.84	1.32	4.47	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.19	2.28	1.66	4.88	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.19	-1.15	-2.14	1.37	30.00

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

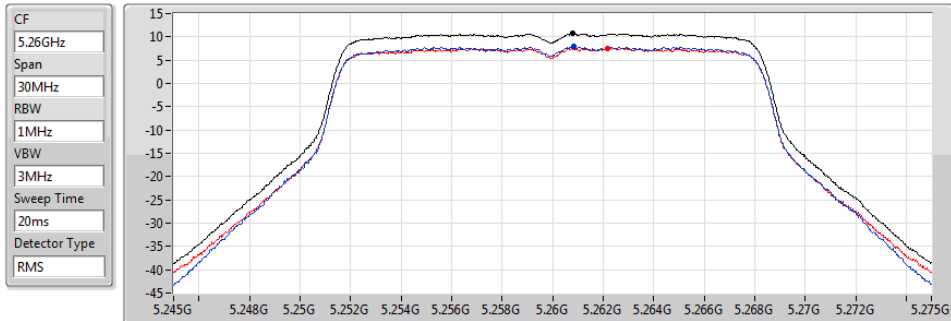
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

03/08/2019



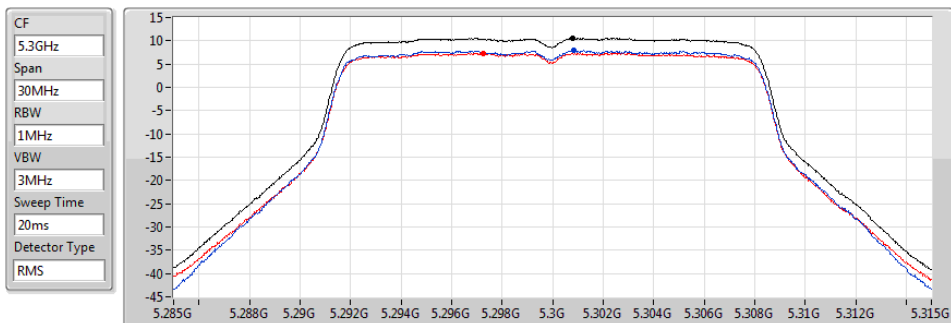
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.70	10.70	7.94	7.60

802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

03/08/2019



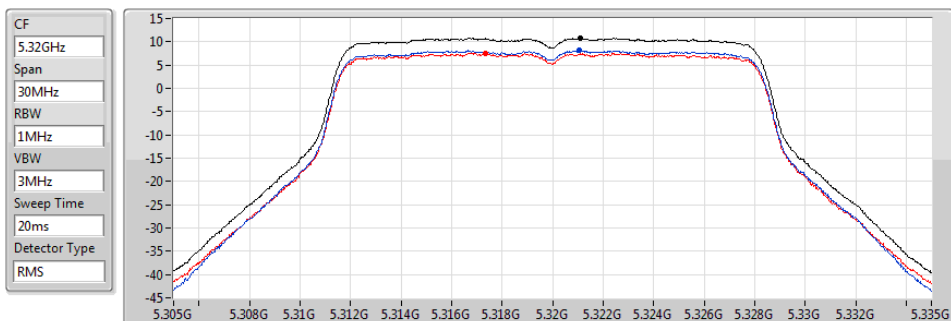
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.64	10.64	7.92	7.33

802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

03/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.88	10.88	8.22	7.50

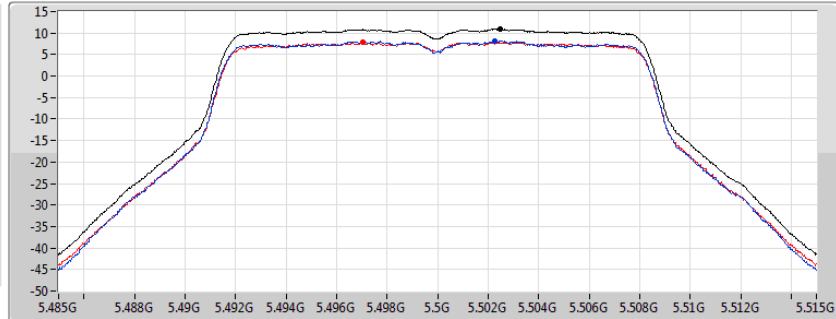
802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

03/08/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.94	10.94	8.19	7.81

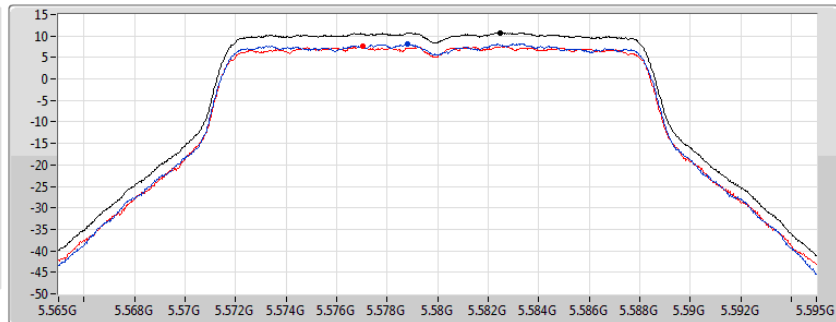
802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

03/08/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.72	10.72	8.13	7.66

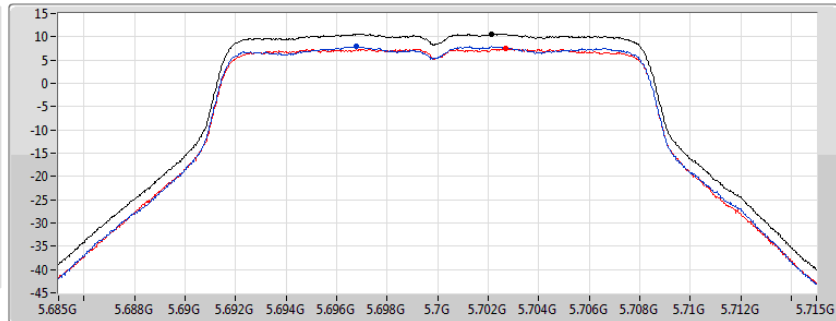
802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

03/08/2019

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



Sum
Port 1
Port 2

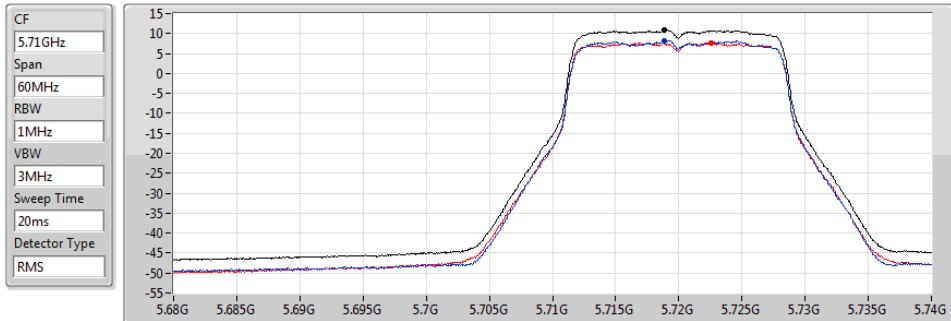
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.61	10.61	7.94	7.51

802.11a_Nss1,(6Mbps)_2TX

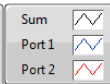
PSD

5720MHz Straddle 5.47-5.725GHz

03/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.86	10.86	8.24	7.75

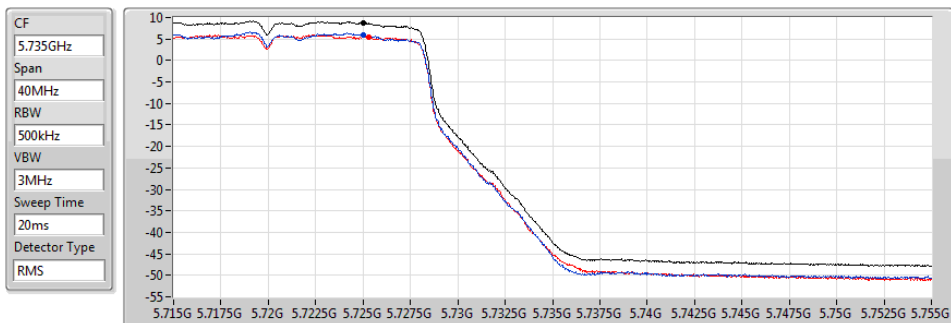


802.11a_Nss1,(6Mbps)_2TX

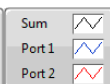
PSD

5720MHz Straddle 5.725-5.85GHz

03/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.72	8.72	6.02	5.42

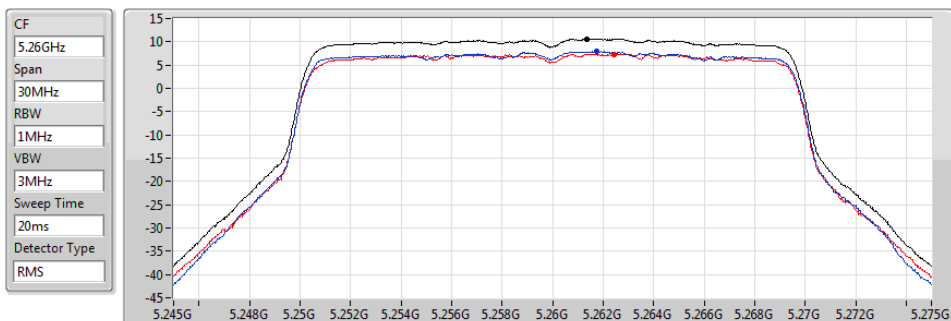


802.11ax HEW20_Nss1,(MCS0)_2TX

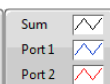
PSD

5260MHz

03/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.60	10.60	7.88	7.38

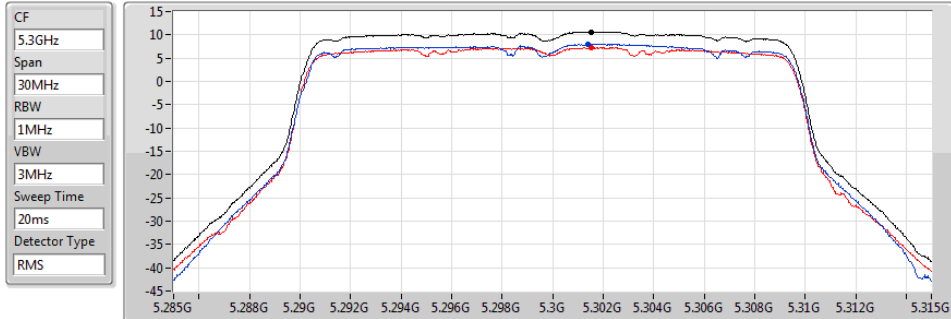


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5300MHz

03/08/2019



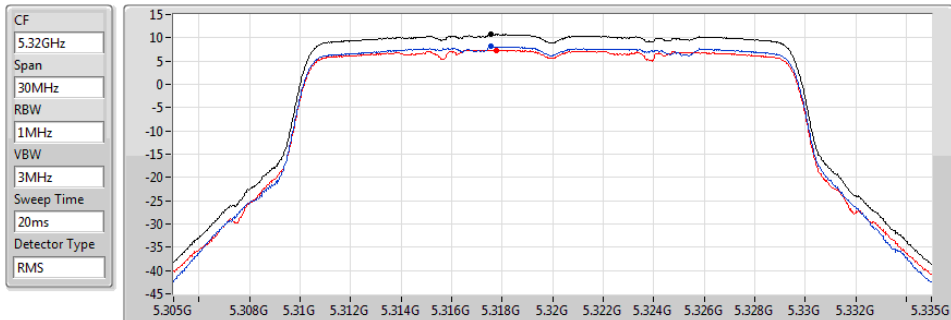
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.63	10.63	8.00	7.29

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5320MHz

03/08/2019



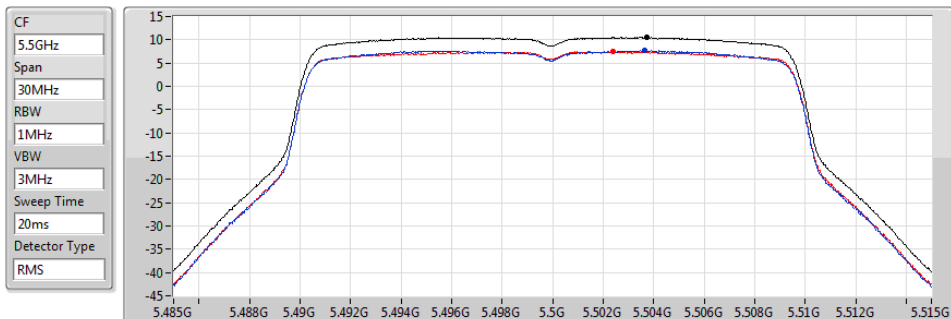
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	8.12	7.38

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5500MHz

03/08/2019



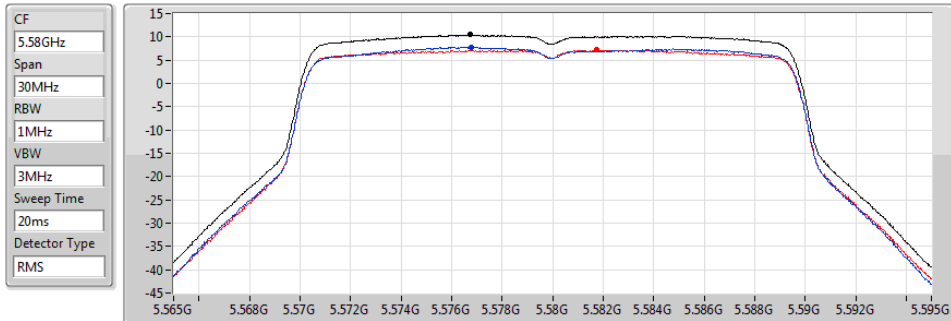
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.52	10.52	7.72	7.51

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5580MHz

03/08/2019



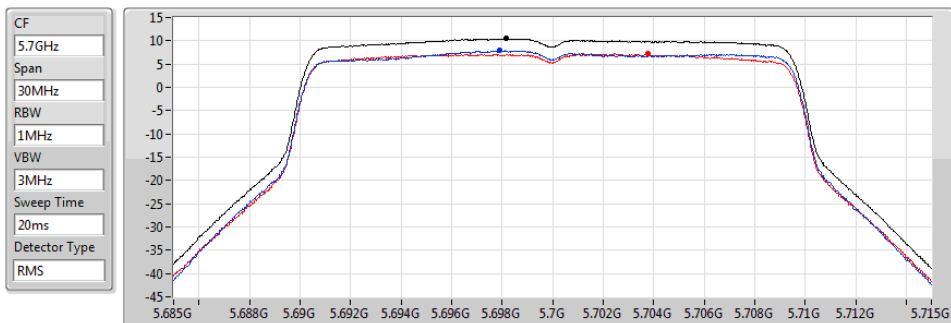
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.43	10.43	7.85	7.19

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5700MHz

03/08/2019



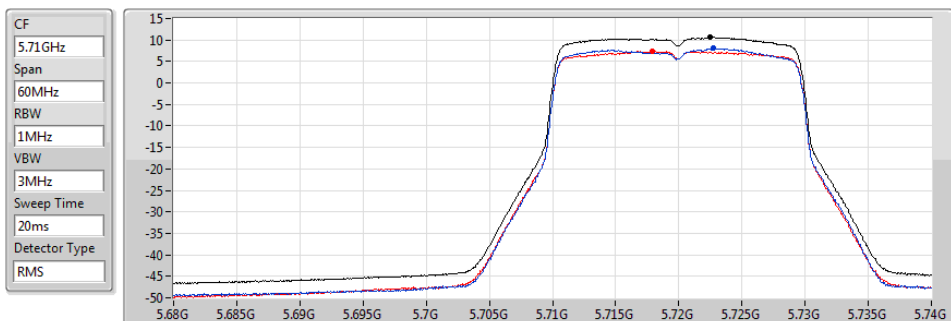
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.46	10.46	7.87	7.18

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

03/08/2019



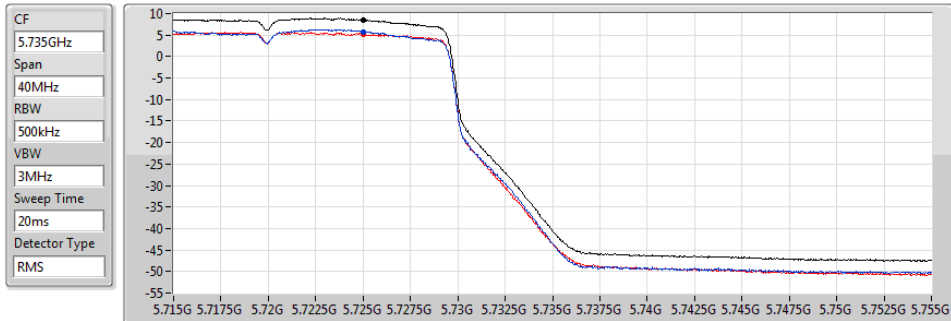
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.57	10.57	8.03	7.35

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

03/08/2019



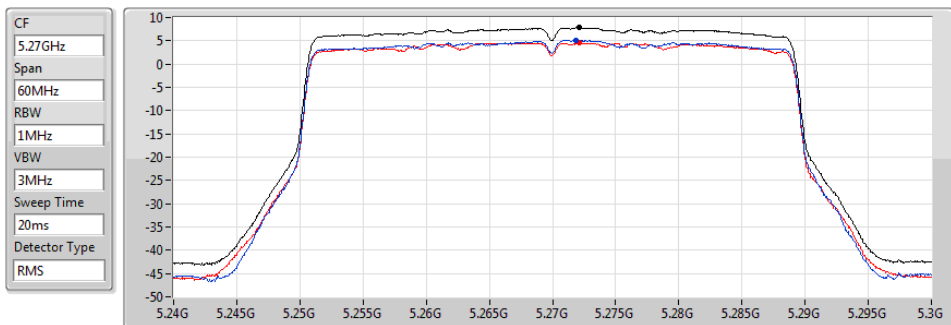
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.46	8.46	5.79	5.09

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5270MHz

03/08/2019



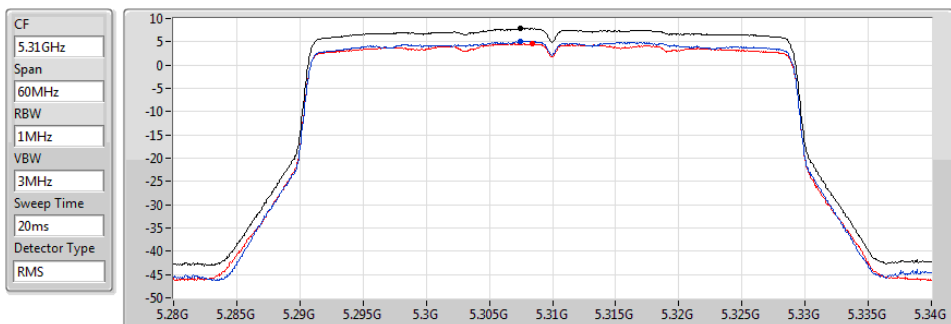
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.86	7.86	5.18	4.66

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5310MHz

03/08/2019



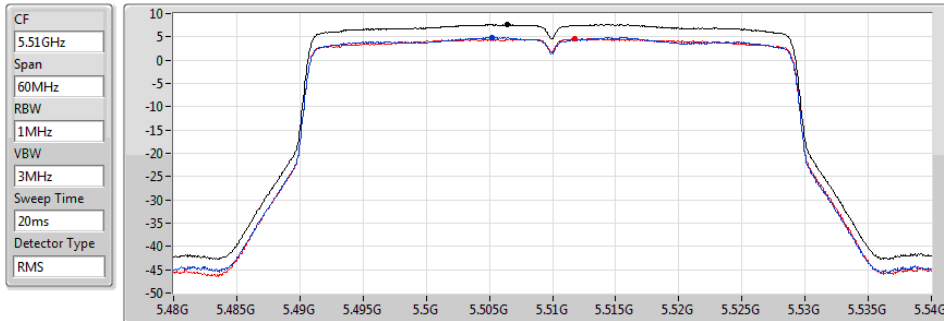
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.84	7.84	5.13	4.59

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5510MHz

03/08/2019



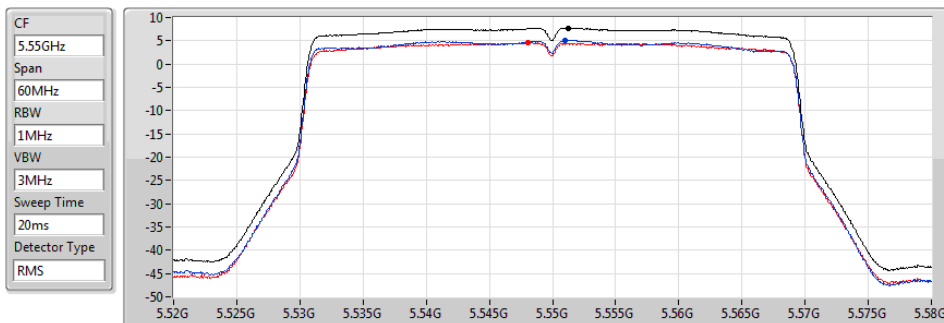
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.66	7.66	4.86	4.65

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5550MHz

03/08/2019



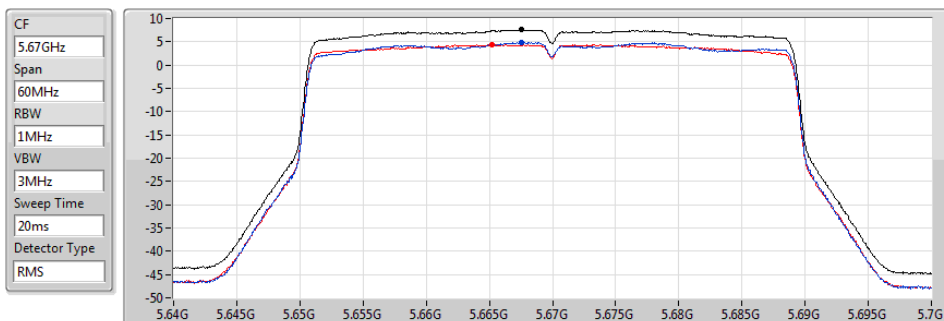
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.77	7.77	5.11	4.59

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5670MHz

03/08/2019



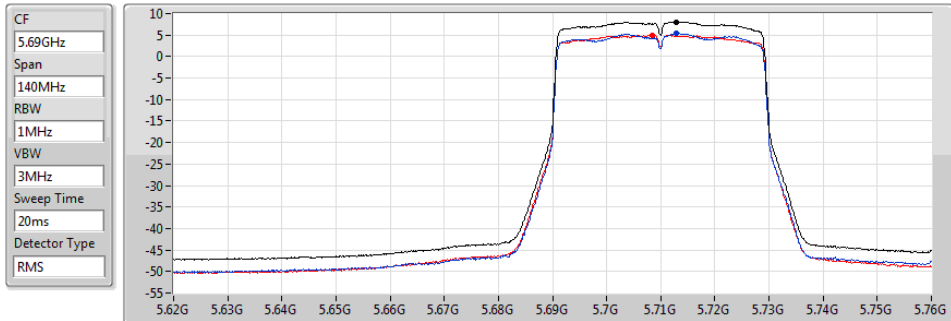
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.60	7.60	4.93	4.41

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

03/08/2019



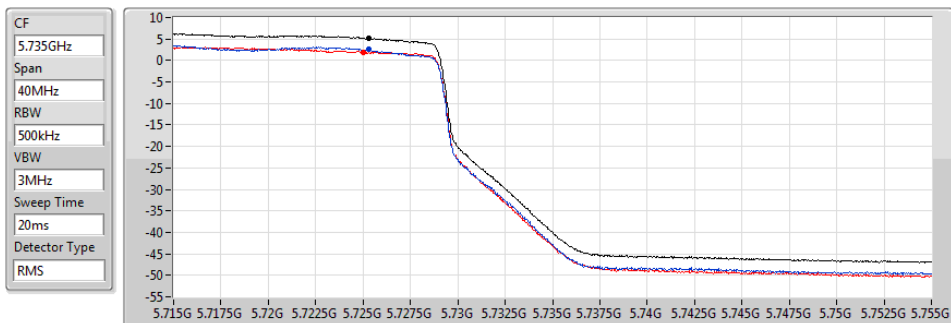
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.09	8.09	5.44	5.03

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

03/08/2019



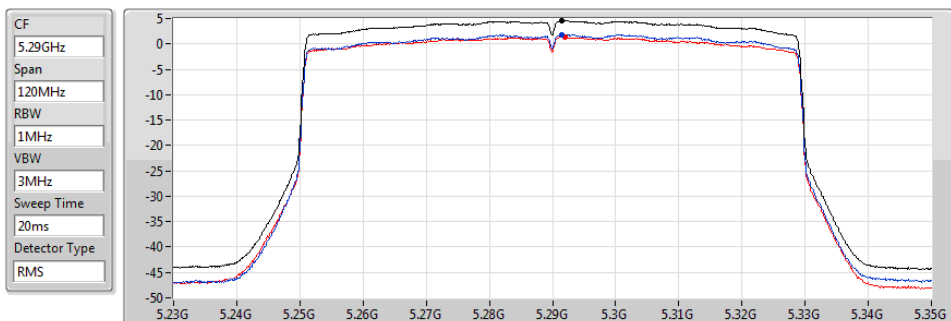
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.21	5.21	2.52	1.90

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5290MHz

03/08/2019



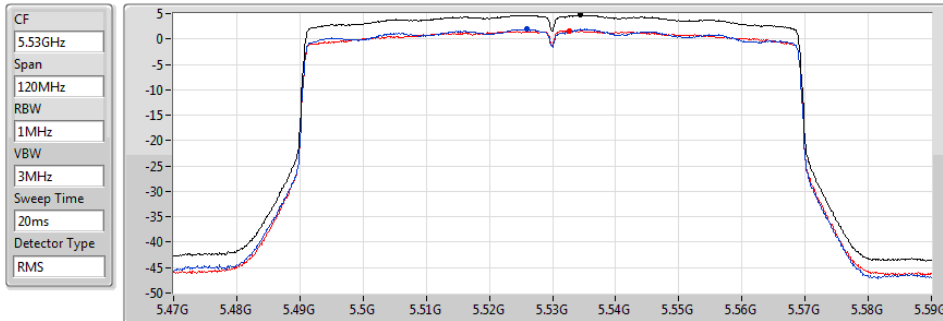
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.60	4.60	1.83	1.38

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5530MHz

03/08/2019



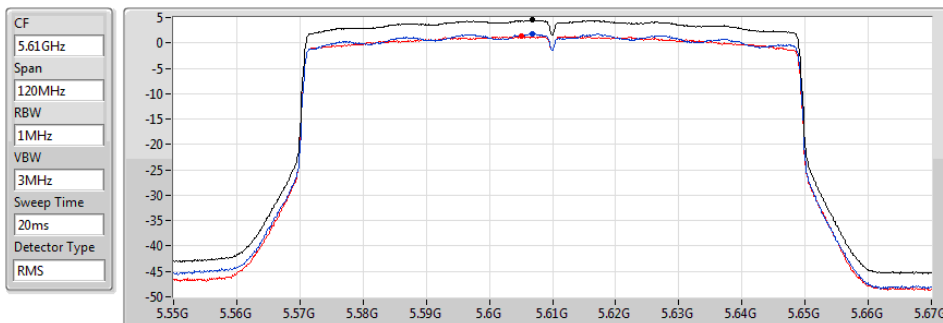
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.72	4.72	1.91	1.62

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5610MHz

03/08/2019



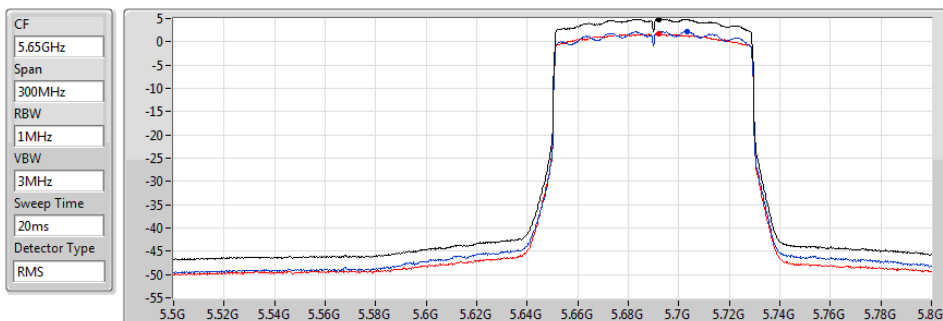
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.47	4.47	1.84	1.32

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

03/08/2019



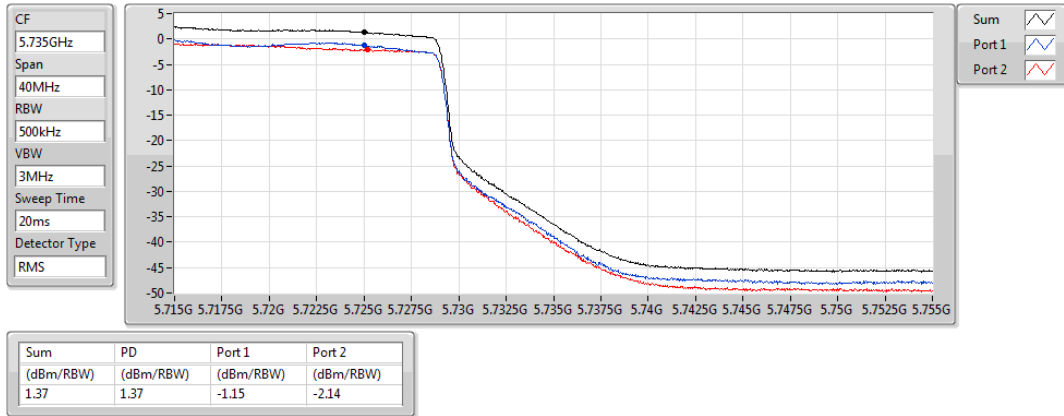
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.88	4.88	2.28	1.66

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

03/08/2019



Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.08
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.92
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.01
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.96
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	8.22
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	4.17
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.18
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.33
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.81

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	-	-	-	-	-	-
5260MHz	Pass	4.19	7.30	7.04	10.05	11.00
5300MHz	Pass	4.19	7.35	6.49	9.83	11.00
5320MHz	Pass	4.19	7.59	6.73	10.08	11.00
5500MHz	Pass	4.19	6.92	6.29	9.56	11.00
5580MHz	Pass	4.19	7.19	6.19	9.63	11.00
5700MHz	Pass	4.19	7.24	7.06	9.96	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.19	7.03	6.81	9.83	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.19	5.28	5.06	8.18	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.19	4.08	3.91	6.92	11.00
5310MHz	Pass	4.19	4.27	3.67	6.86	11.00
5510MHz	Pass	4.19	3.72	3.25	6.44	11.00
5550MHz	Pass	4.19	3.78	3.35	6.51	11.00
5670MHz	Pass	4.19	4.34	4.71	7.21	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.19	5.52	5.52	8.22	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.19	2.93	1.71	5.33	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.19	1.38	0.76	4.01	11.00
5530MHz	Pass	4.19	1.51	0.88	3.82	11.00
5610MHz	Pass	4.19	1.10	1.15	3.93	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.19	1.35	1.80	4.17	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.19	-1.30	-3.33	0.81	30.00

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

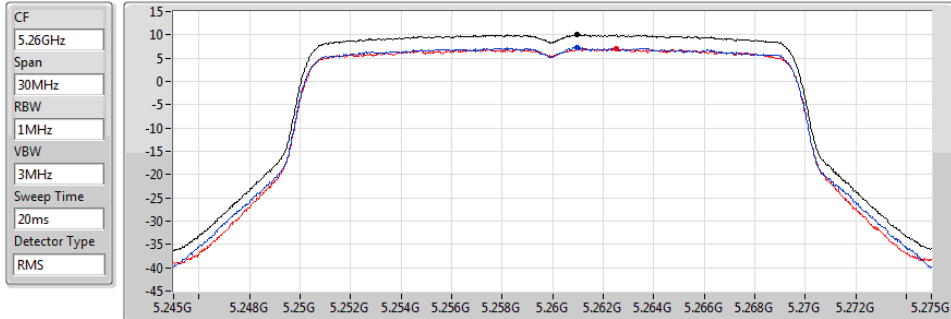
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

08/08/2019



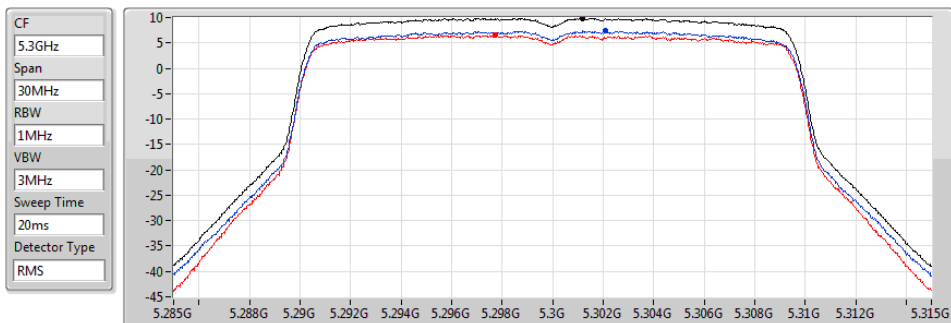
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.05	10.05	7.30	7.04

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

08/08/2019



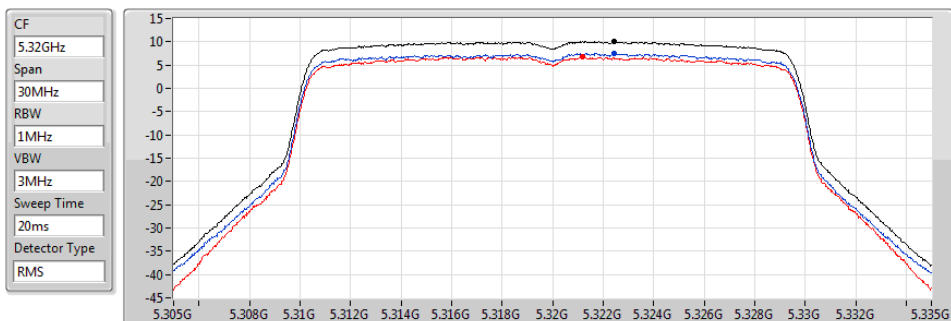
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.83	9.83	7.35	6.49

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

08/08/2019



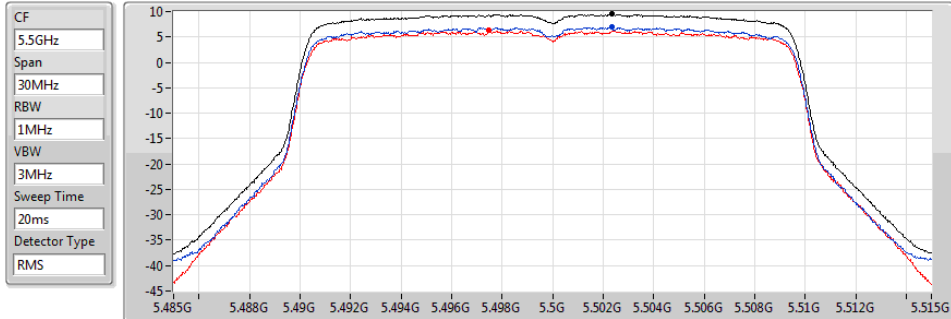
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.08	10.08	7.59	6.73

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

08/08/2019



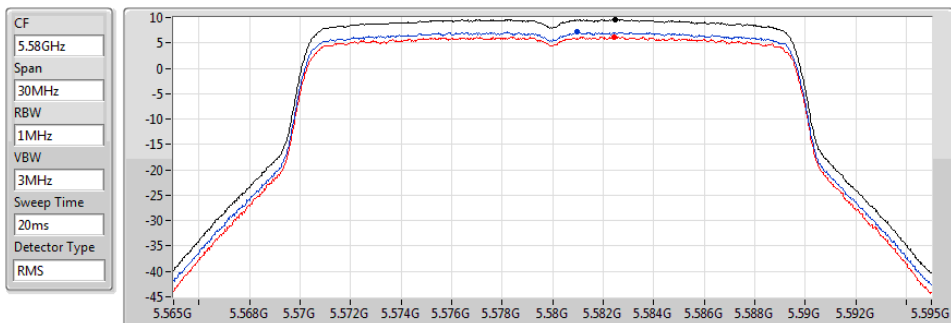
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.56	9.56	6.92	6.29

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

08/08/2019



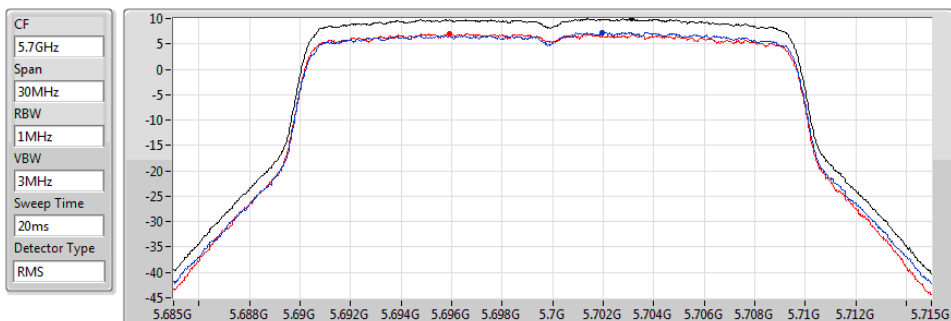
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.63	9.63	7.19	6.19

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

08/08/2019



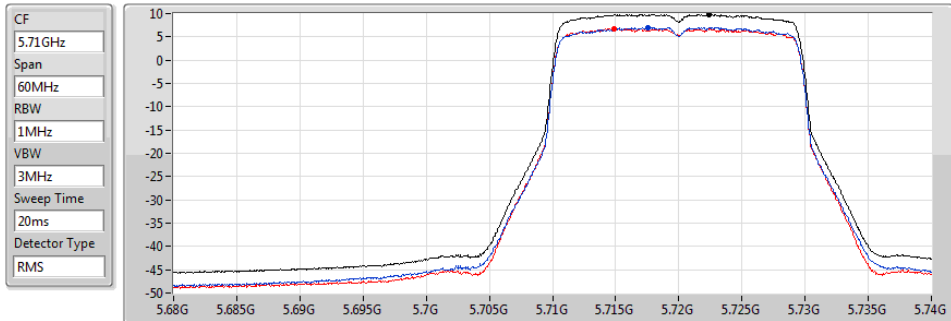
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.96	9.96	7.24	7.06

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

08/08/2019



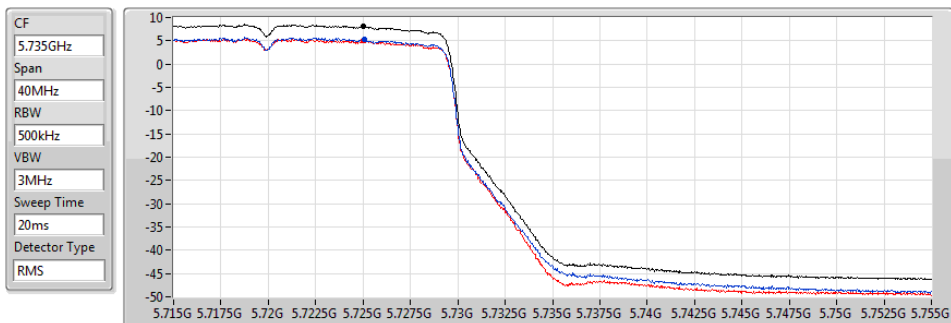
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.83	9.83	7.03	6.81

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

08/08/2019



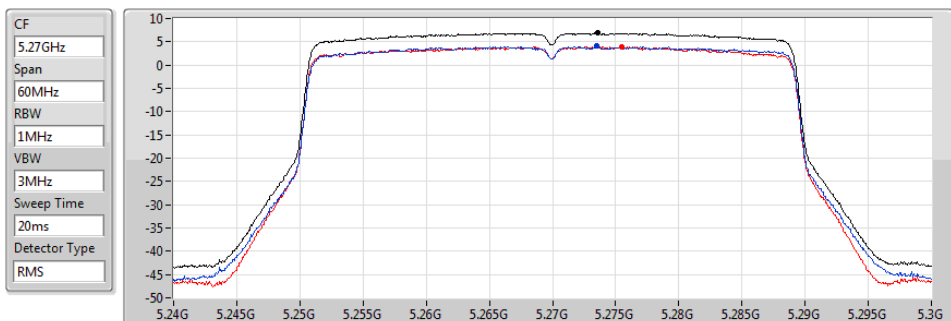
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.18	8.18	5.28	5.06

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5270MHz

PSD

08/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.92	6.92	4.08	3.91

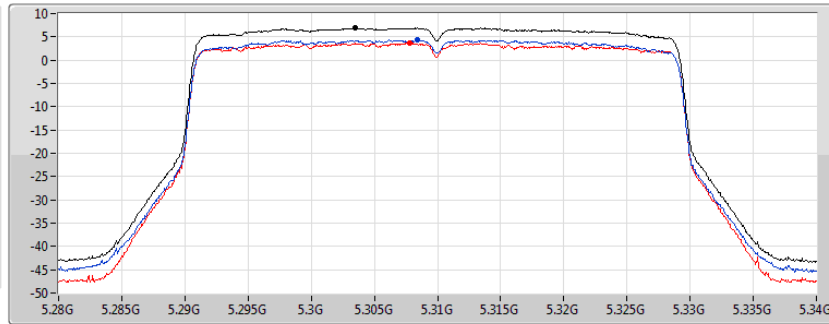
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

08/08/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.86	6.86	4.27	3.67

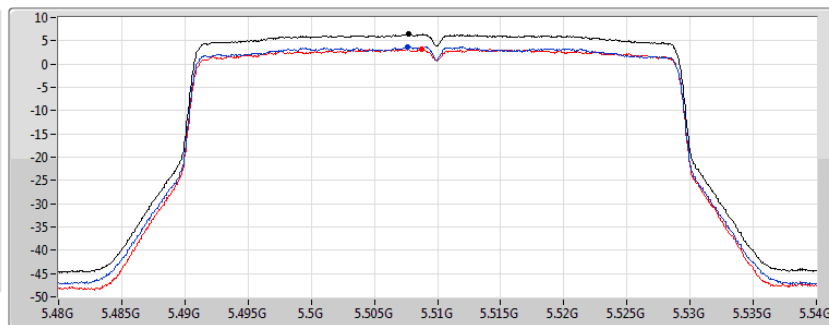
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

08/08/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.44	6.44	3.72	3.25

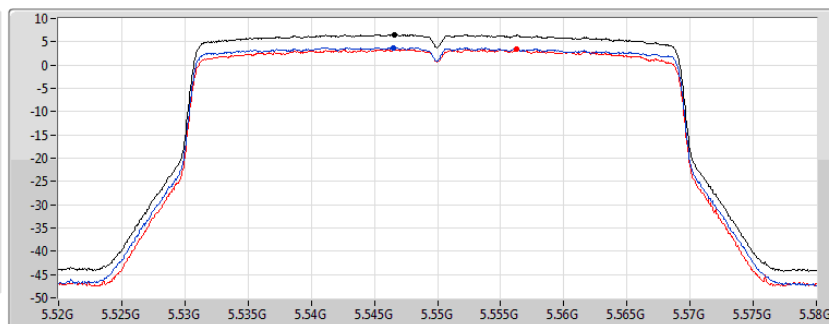
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

08/08/2019

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



Sum
Port 1
Port 2

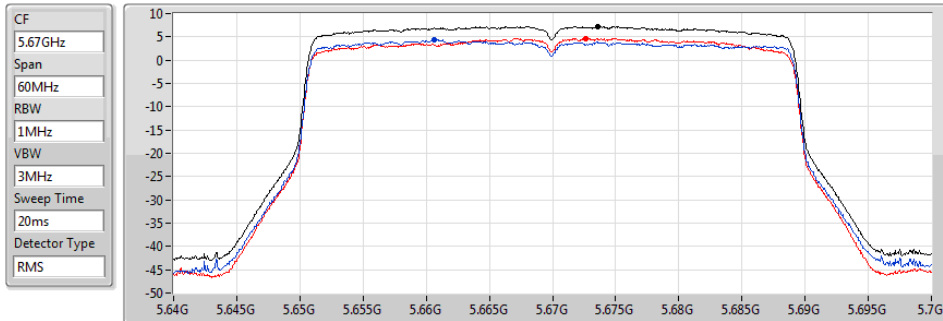
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.51	6.51	3.78	3.35

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

08/08/2019



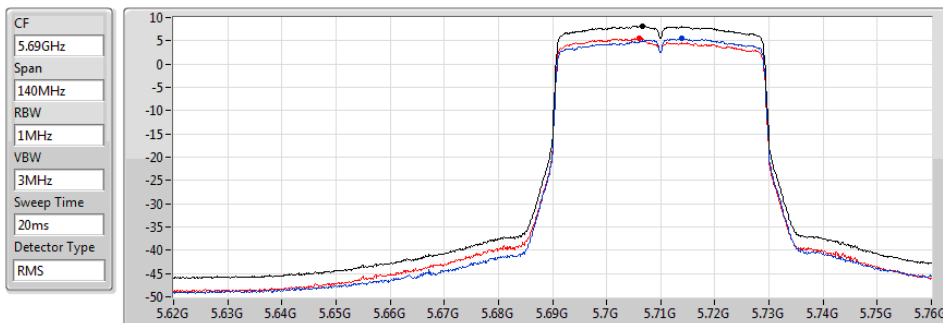
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.21	7.21	4.34	4.71

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

08/08/2019



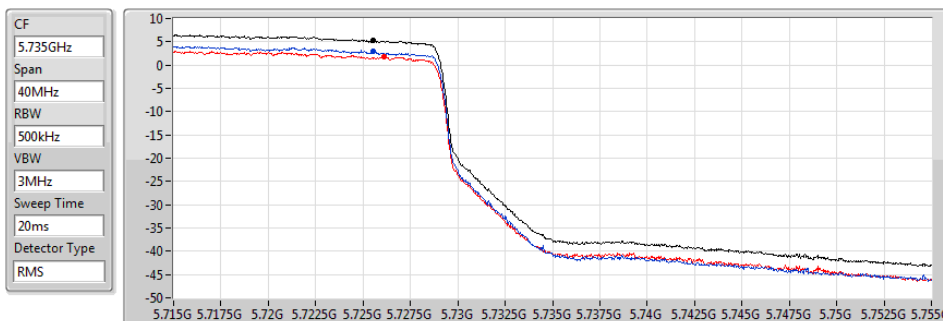
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.22	8.22	5.52	5.52

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

08/08/2019



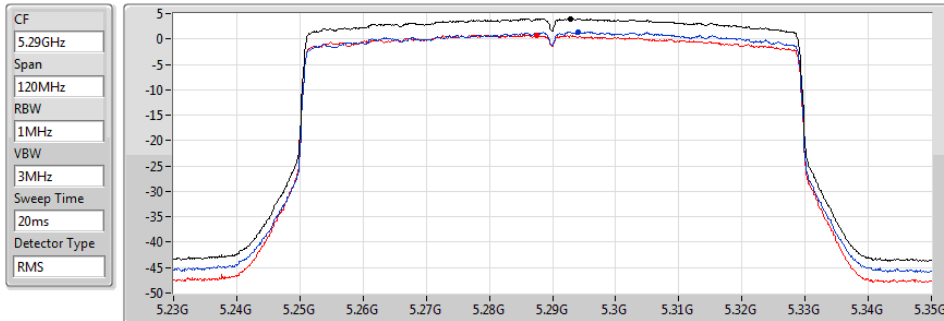
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.33	5.33	2.93	1.71

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

08/08/2019



Sum
Port 1
Port 2

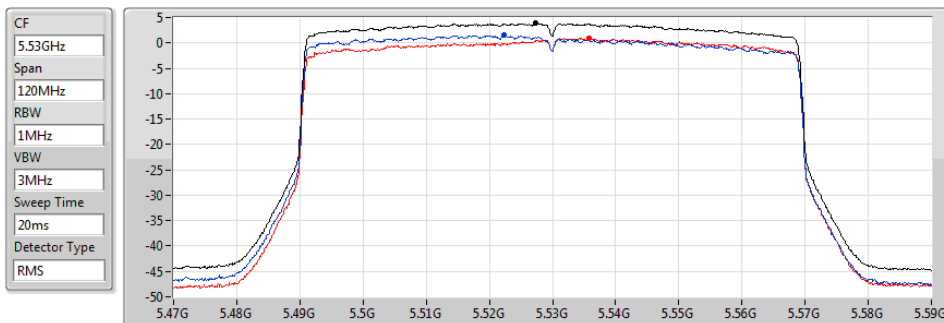
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.01	4.01	1.38	0.76

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

08/08/2019



Sum
Port 1
Port 2

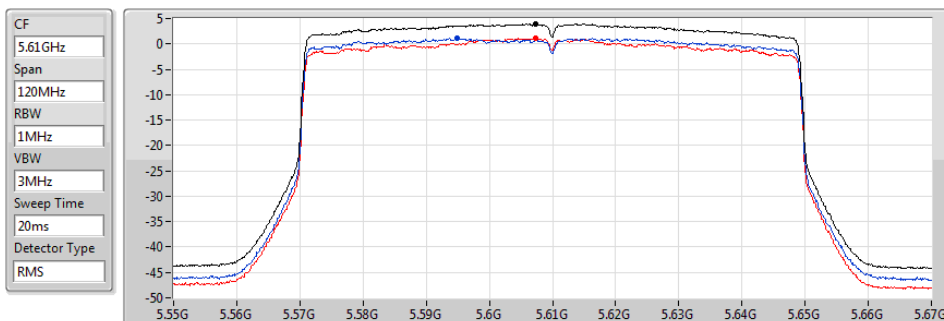
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.82	3.82	1.51	0.88

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

08/08/2019



Sum
Port 1
Port 2

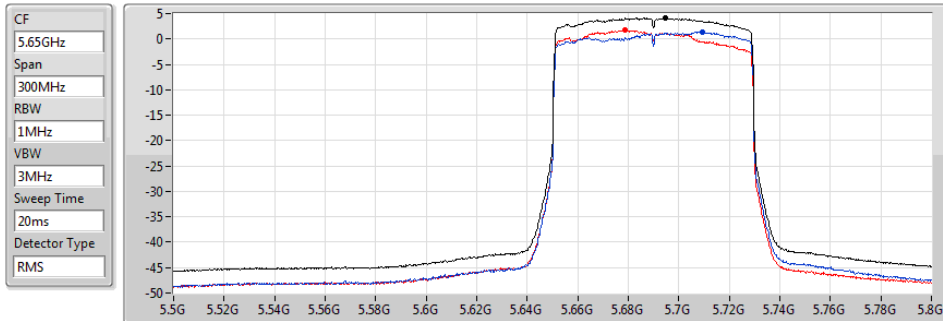
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.93	3.93	1.10	1.15

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

08/08/2019



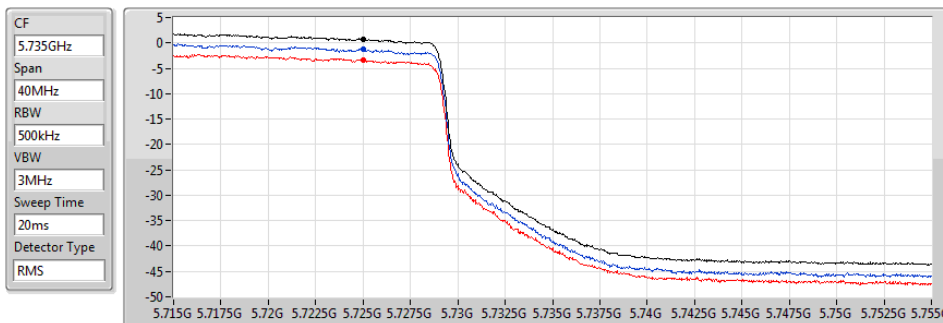
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.17	4.17	1.35	1.80

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

08/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.81	0.81	-1.30	-3.33

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.61
802.11ax HEW20_Nss1,(MCS0)_4TX	9.45
802.11ax HEW40_Nss1,(MCS0)_4TX	7.63
802.11ax HEW80_Nss1,(MCS0)_4TX	4.55
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.65
802.11ax HEW20_Nss1,(MCS0)_4TX	9.60
802.11ax HEW40_Nss1,(MCS0)_4TX	8.11
802.11ax HEW80_Nss1,(MCS0)_4TX	4.60
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	7.54
802.11ax HEW20_Nss1,(MCS0)_4TX	7.67
802.11ax HEW40_Nss1,(MCS0)_4TX	5.47
802.11ax HEW80_Nss1,(MCS0)_4TX	0.89

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)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.33	3.18	3.14	4.57	3.96	9.61	9.67
5300MHz	Pass	7.33	3.37	3.03	3.90	3.89	9.40	9.67
5320MHz	Pass	7.33	3.62	3.22	4.01	3.91	9.55	9.67
5500MHz	Pass	7.33	3.43	3.61	3.93	4.19	9.65	9.67
5580MHz	Pass	7.33	3.92	3.50	4.19	3.83	9.64	9.67
5700MHz	Pass	7.33	3.81	3.89	4.16	3.75	9.62	9.67
5720MHz Straddle 5.47-5.725GHz	Pass	7.33	3.93	3.65	3.88	3.51	9.46	9.67
5720MHz Straddle 5.725-5.85GHz	Pass	7.33	1.25	2.04	2.58	0.25	7.54	28.67
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.33	3.03	3.15	4.18	3.57	9.35	9.67
5300MHz	Pass	7.33	3.35	3.02	3.84	3.95	9.37	9.67
5320MHz	Pass	7.33	3.49	2.95	3.96	3.87	9.45	9.67
5500MHz	Pass	7.33	3.02	3.22	3.87	3.71	9.35	9.67
5580MHz	Pass	7.33	3.70	3.43	3.93	3.94	9.46	9.67
5700MHz	Pass	7.33	3.91	3.76	4.00	3.71	9.58	9.67
5720MHz Straddle 5.47-5.725GHz	Pass	7.33	3.93	3.39	4.35	3.81	9.60	9.67
5720MHz Straddle 5.725-5.85GHz	Pass	7.33	1.80	1.81	1.65	1.98	7.67	28.67
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	7.33	1.28	1.24	2.25	1.66	7.47	9.67
5310MHz	Pass	7.33	1.26	1.31	2.09	1.85	7.63	9.67
5510MHz	Pass	7.33	1.11	1.23	1.64	1.91	7.28	9.67
5550MHz	Pass	7.33	1.33	1.29	1.78	1.97	7.36	9.67
5670MHz	Pass	7.33	1.68	1.53	2.53	1.80	7.58	9.67
5710MHz Straddle 5.47-5.725GHz	Pass	7.33	2.38	2.41	2.75	2.72	8.11	9.67
5710MHz Straddle 5.725-5.85GHz	Pass	7.33	-0.59	-0.55	-0.40	-0.24	5.47	28.67
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.33	-1.74	-1.74	-0.87	-1.10	4.55	9.67
5530MHz	Pass	7.33	-1.81	-1.66	-1.20	-1.09	4.41	9.67
5610MHz	Pass	7.33	-1.45	-1.23	-0.78	-1.12	4.60	9.67
5690MHz Straddle 5.47-5.725GHz	Pass	7.33	-1.23	-1.39	-0.55	-1.42	4.51	9.67
5690MHz Straddle 5.725-5.85GHz	Pass	7.33	-4.58	-5.69	-4.79	-5.00	0.89	28.67

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

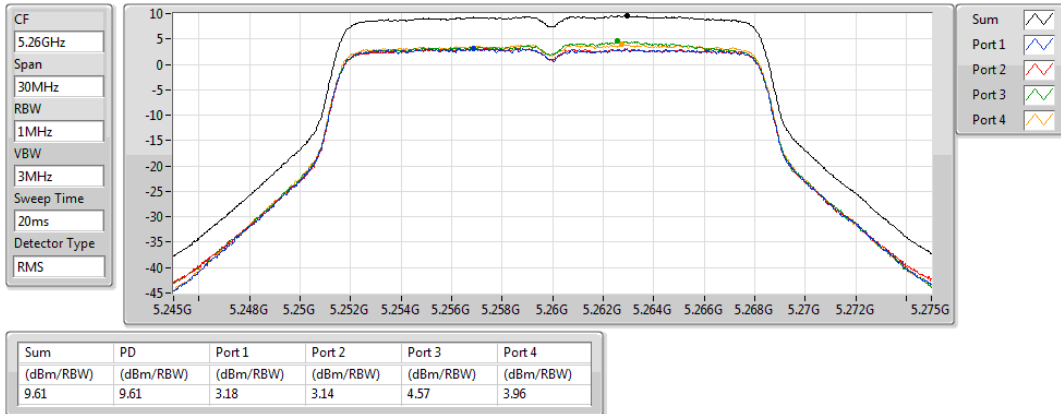
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

02/08/2019

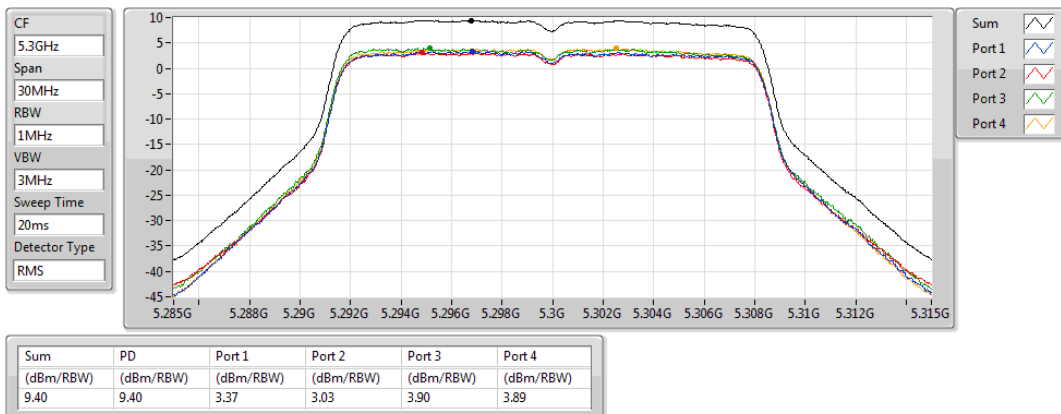


802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

02/08/2019

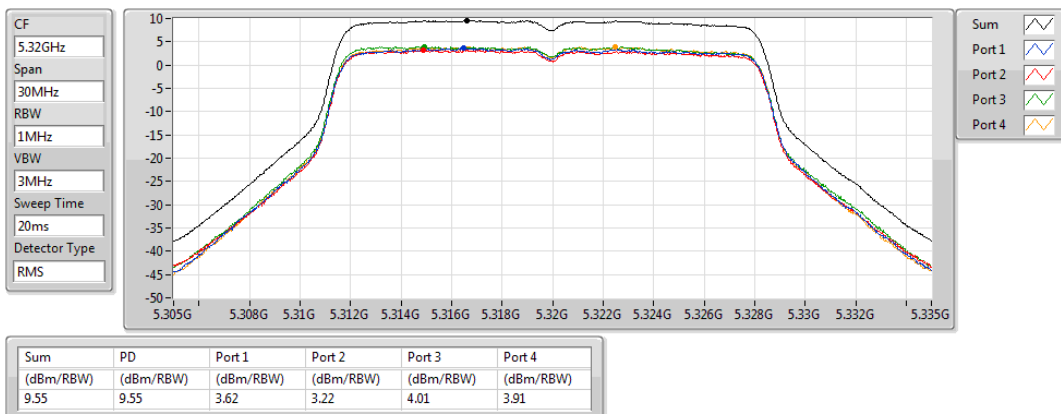


802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

02/08/2019



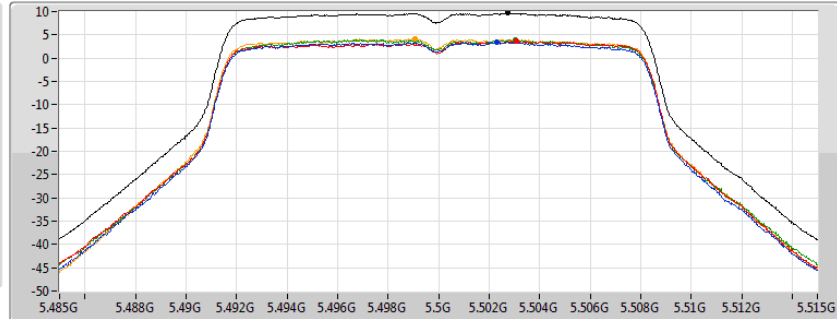
802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

02/08/2019

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



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.65	9.65	3.43	3.61	3.93	4.19

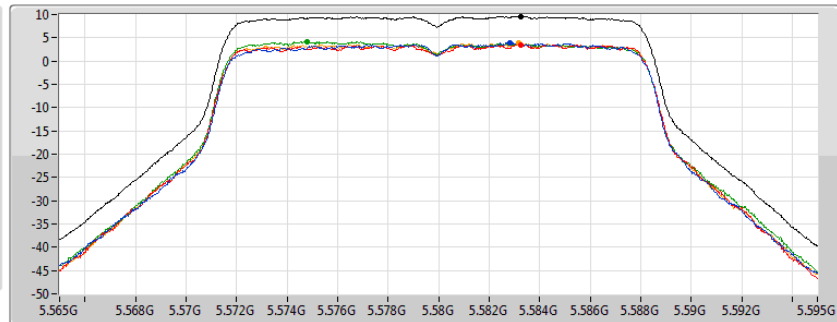
802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

02/08/2019

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



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.64	9.64	3.92	3.50	4.19	3.83

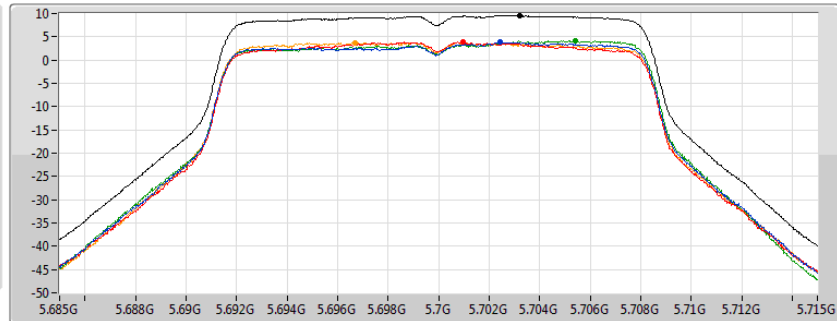
802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

02/08/2019

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



Sum
Port 1
Port 2
Port 3
Port 4

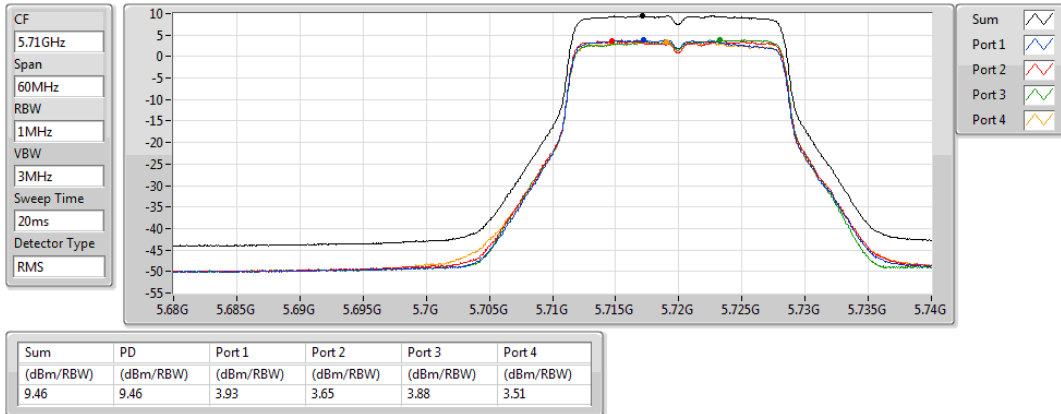
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.62	9.62	3.81	3.89	4.16	3.75

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

02/08/2019

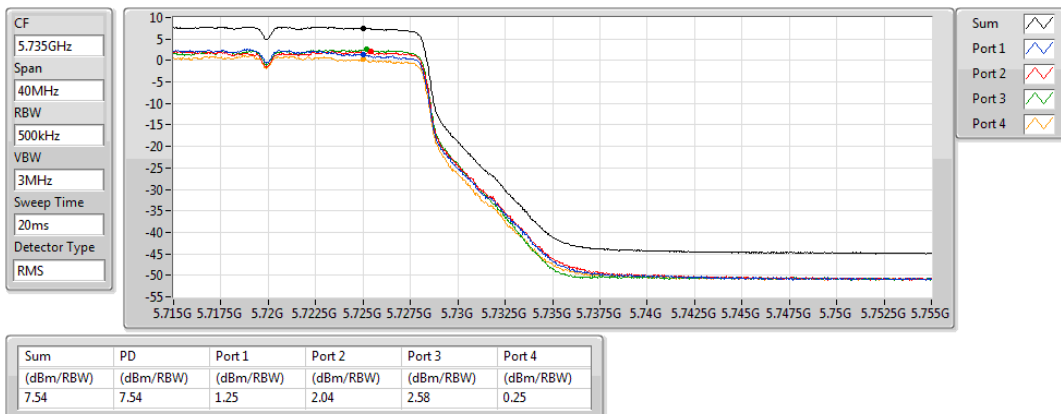


802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

02/08/2019

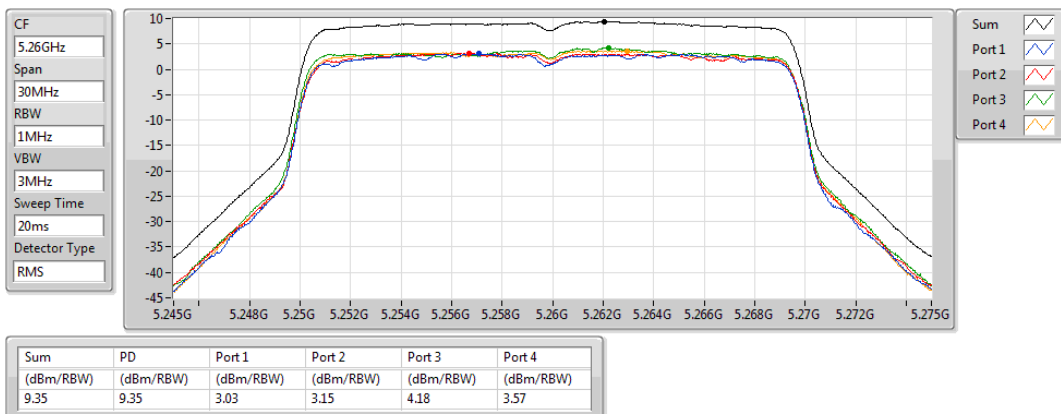


802.11ax HEW20_Nss1,(MCS0)_4TX

5260MHz

PSD

02/08/2019

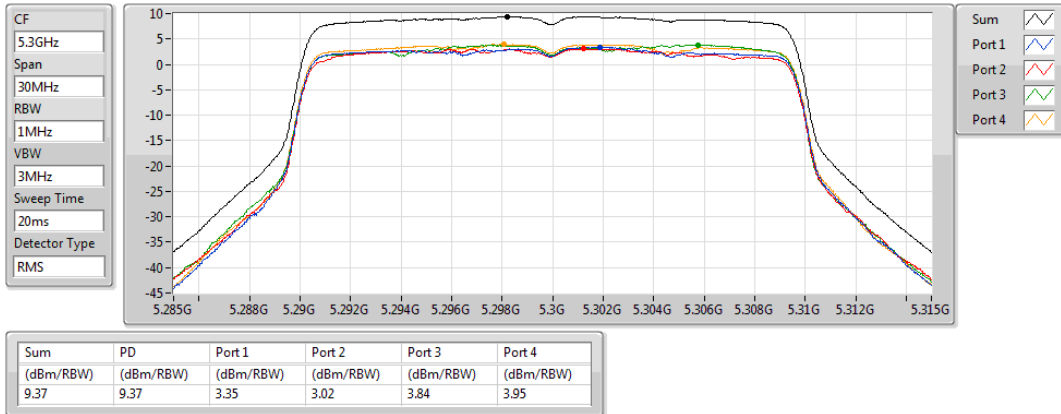


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

02/08/2019

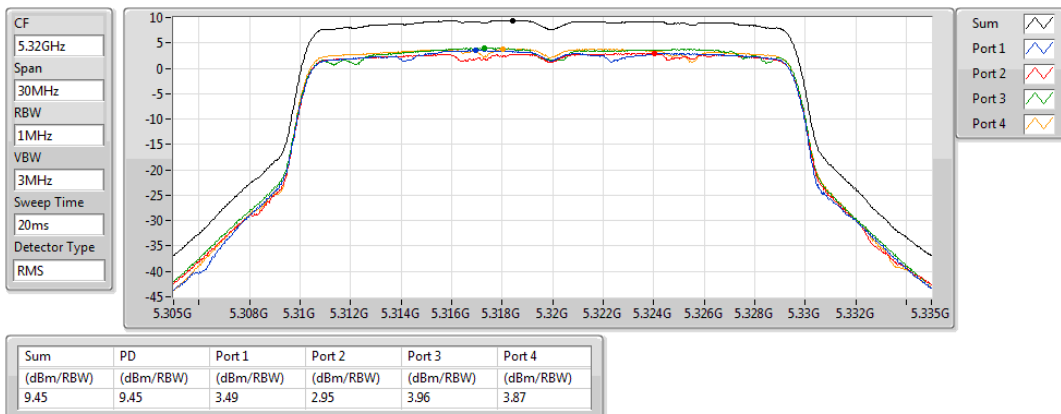


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

02/08/2019

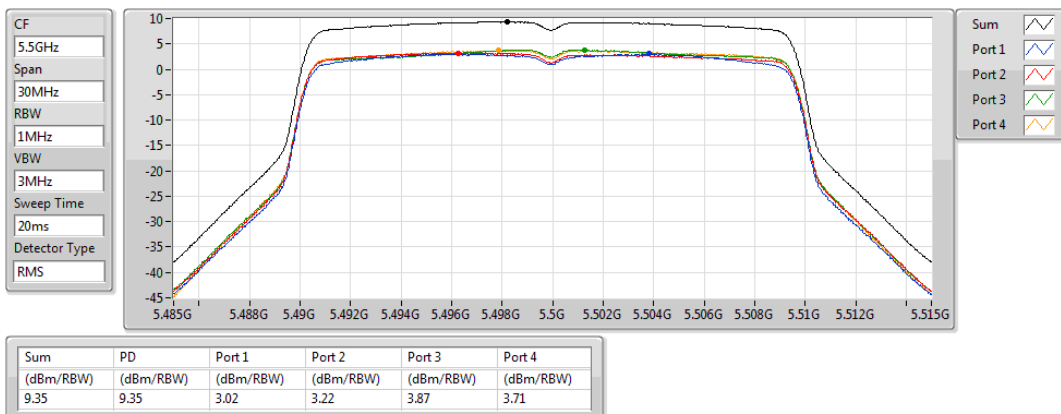


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

02/08/2019

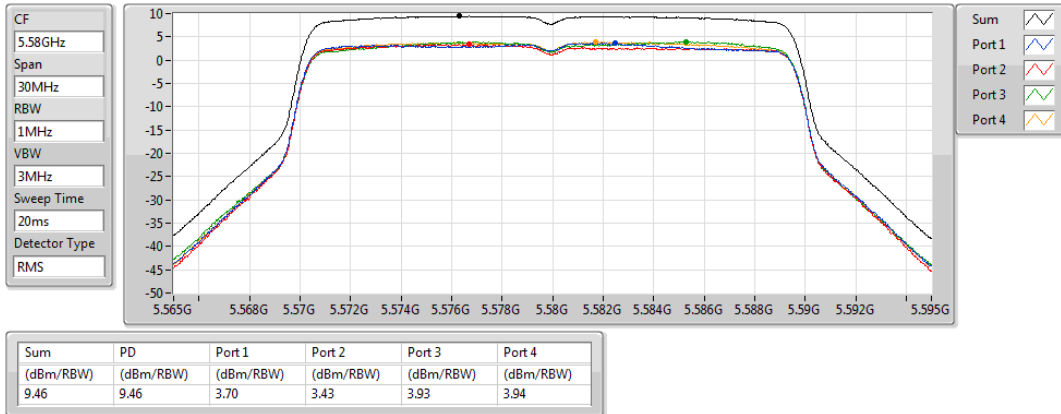


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

02/08/2019

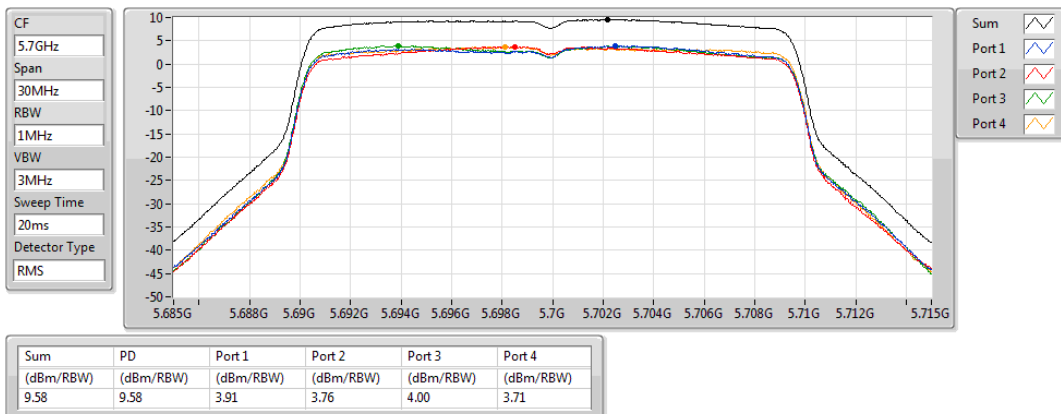


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

02/08/2019

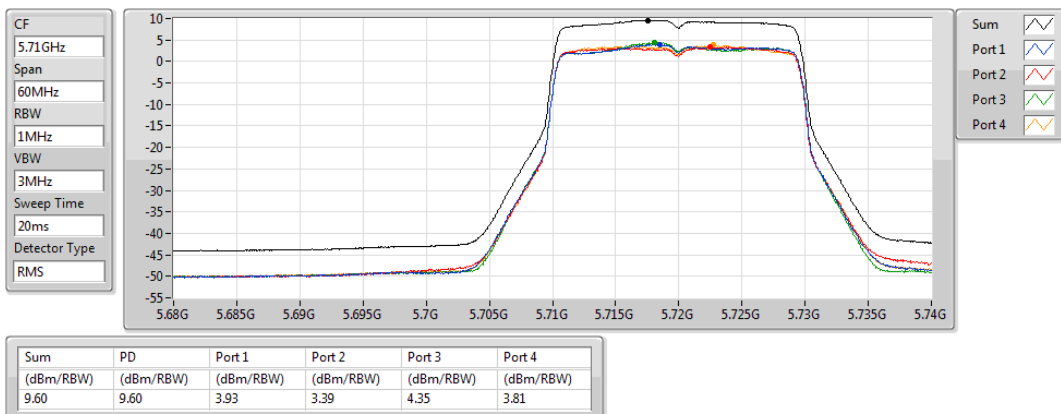


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

02/08/2019

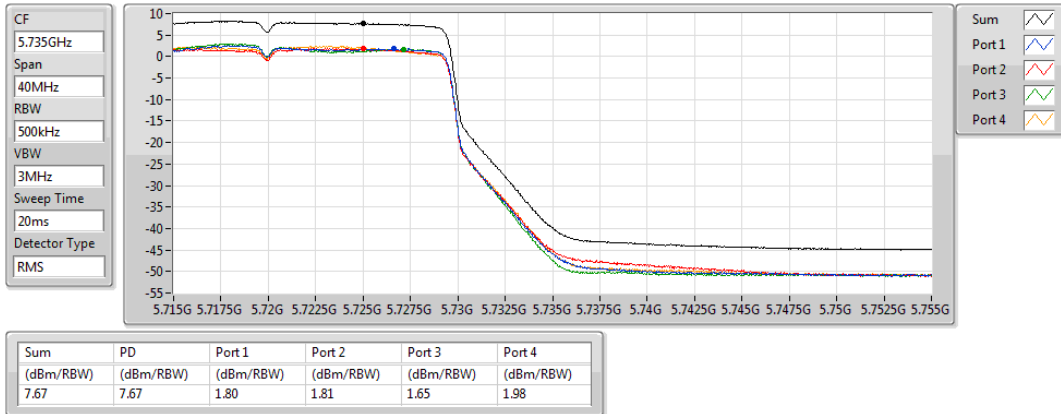


802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

02/08/2019

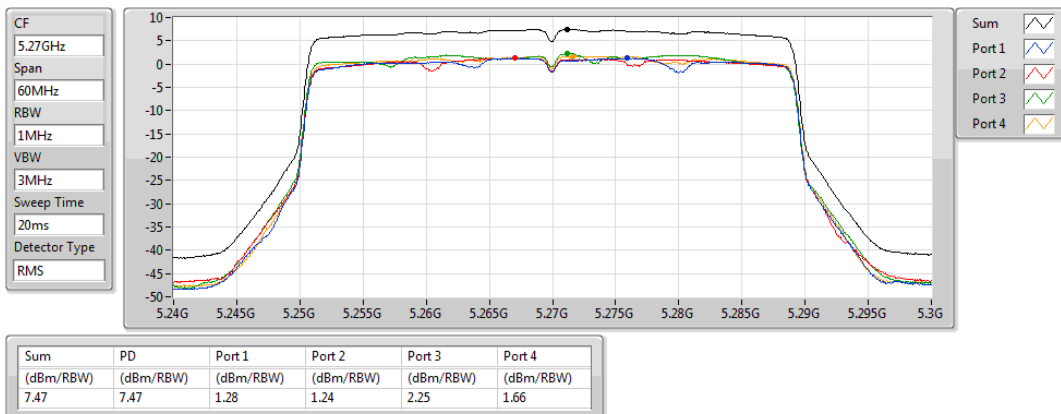


802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz

PSD

02/08/2019

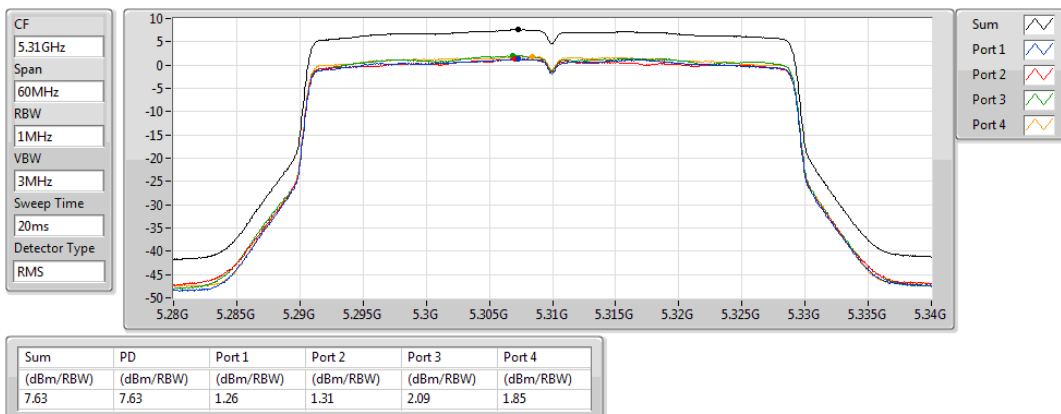


802.11ax HEW40_Nss1,(MCS0)_4TX

5310MHz

PSD

02/08/2019

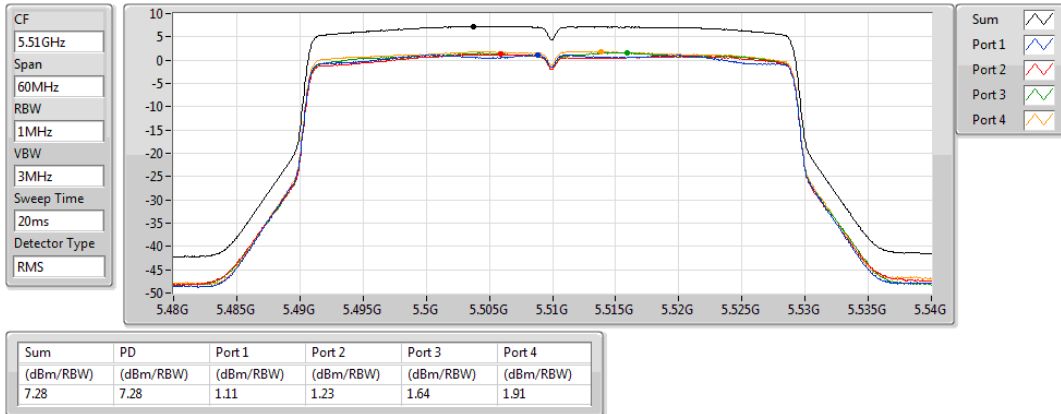


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

02/08/2019

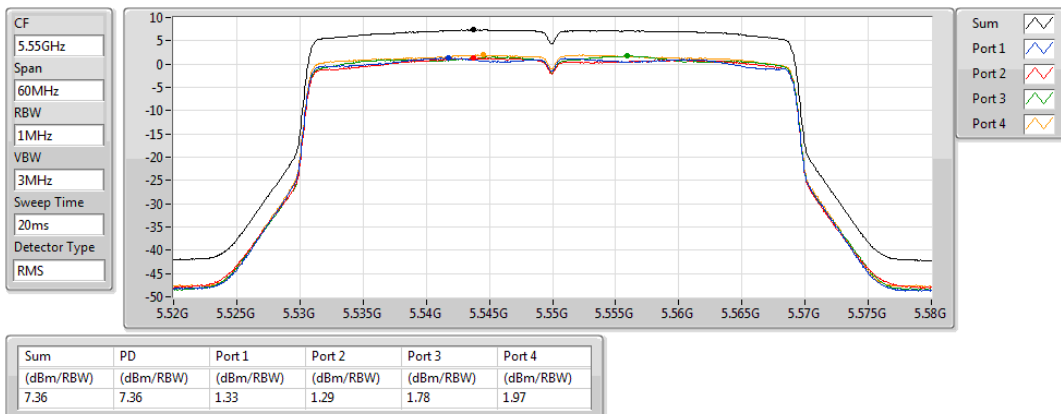


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

02/08/2019

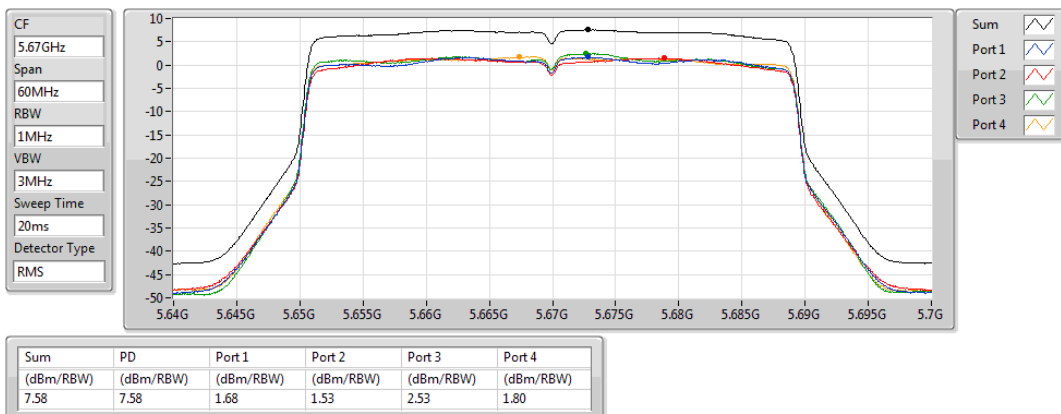


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

02/08/2019

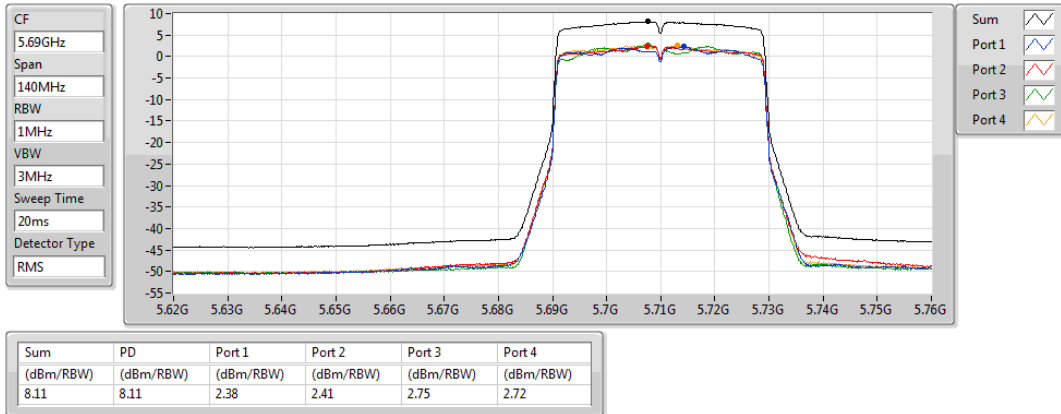


802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

PSD

03/08/2019

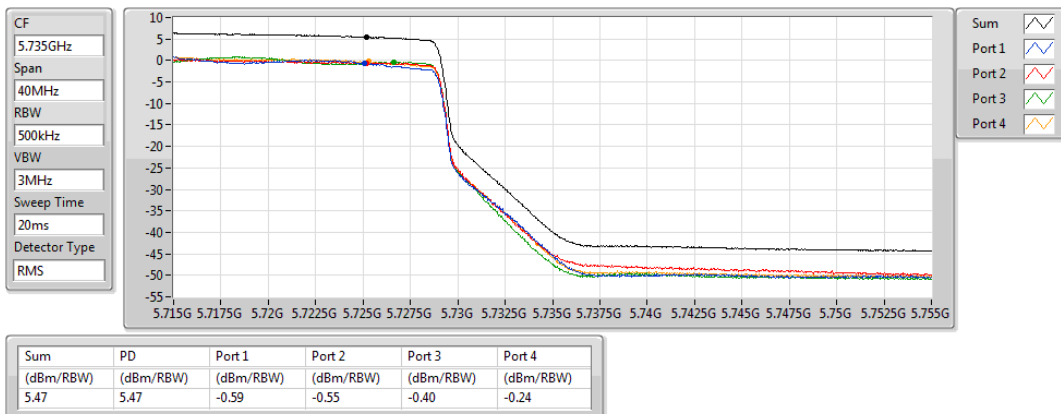


802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

03/08/2019

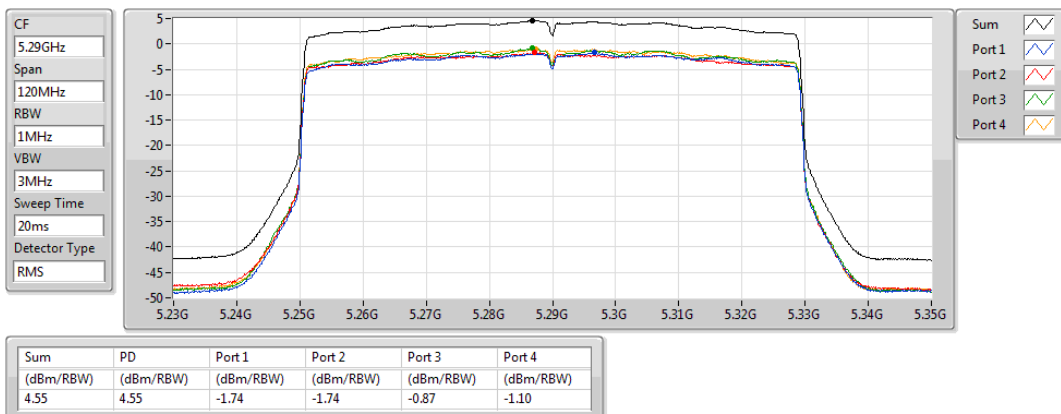


802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz

PSD

03/08/2019

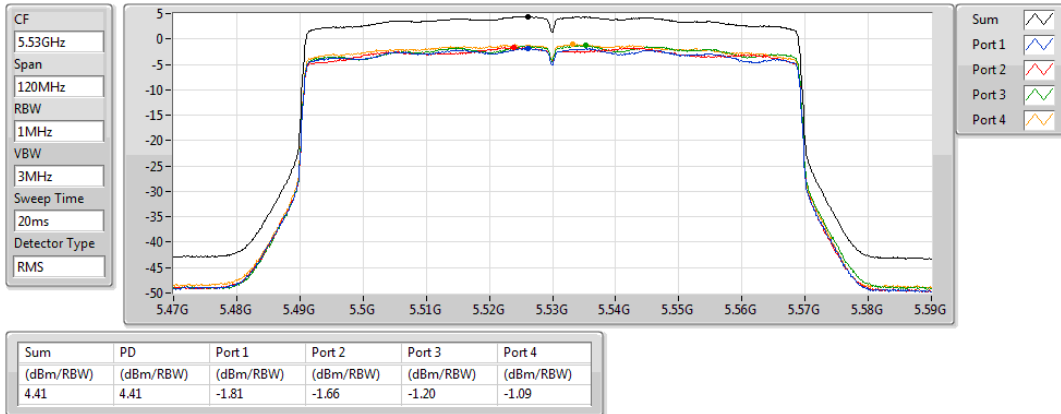


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

03/08/2019

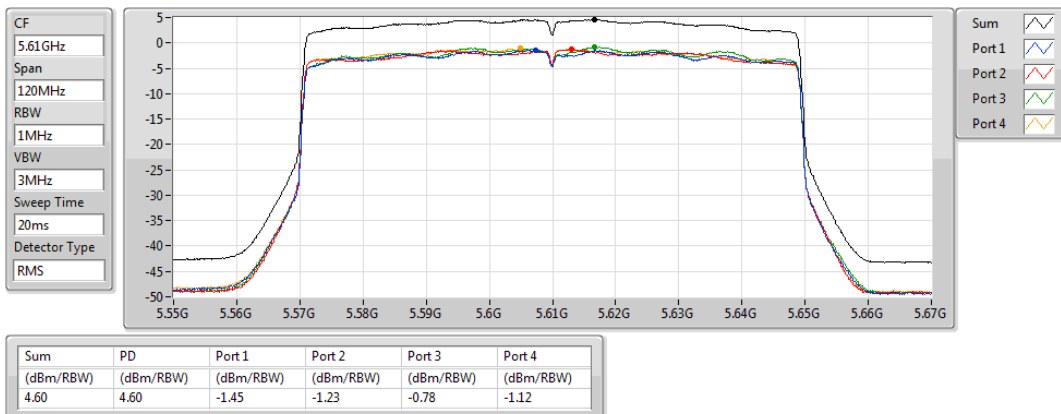


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

03/08/2019

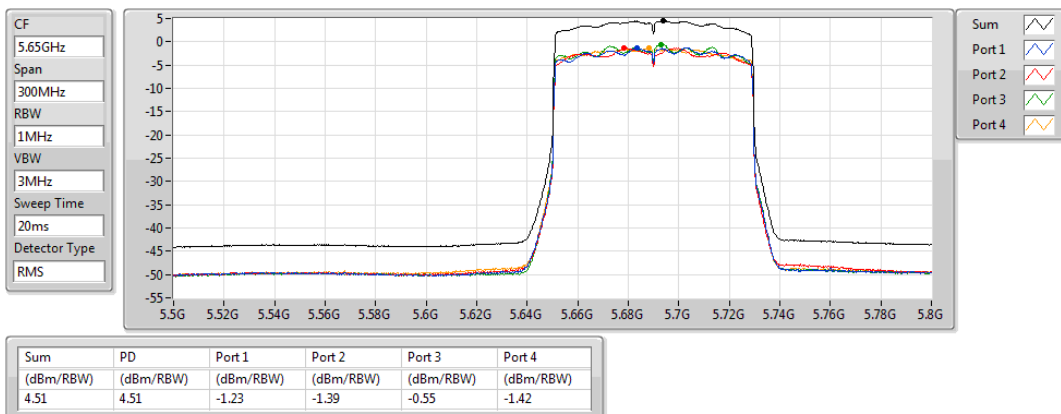


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

03/08/2019

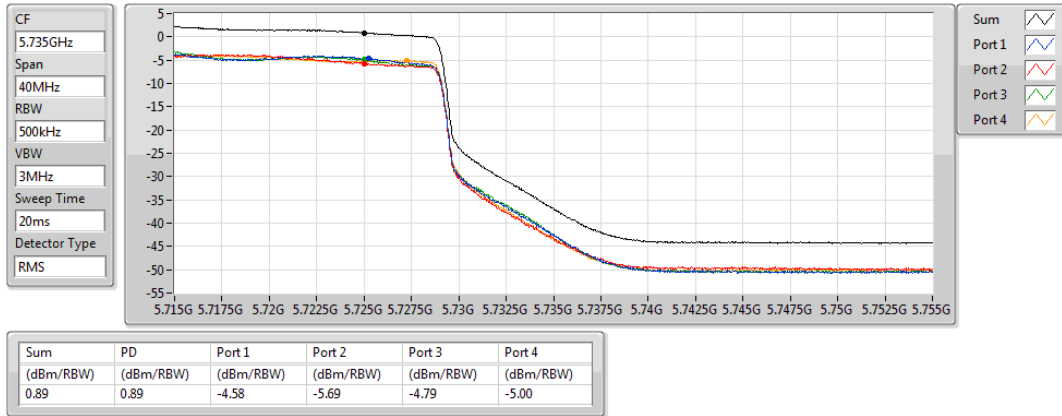


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

03/08/2019



Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.59
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.19
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.66
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.29
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.25
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.08
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.04
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.20
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.62

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	-	-	-	-	-	-	-	-
5260MHz	Pass	7.33	1.76	2.22	2.98	2.88	8.35	9.67
5300MHz	Pass	7.33	2.18	2.21	2.77	3.16	8.40	9.67
5320MHz	Pass	7.33	2.38	2.29	3.02	3.14	8.59	9.67
5500MHz	Pass	7.33	2.72	3.07	3.12	3.69	8.80	9.67
5580MHz	Pass	7.33	3.14	2.73	3.00	3.00	8.83	9.67
5700MHz	Pass	7.33	3.29	2.90	2.88	3.65	8.84	9.67
5720MHz Straddle 5.47-5.725GHz	Pass	7.33	3.55	3.27	3.12	3.97	9.29	9.67
5720MHz Straddle 5.725-5.85GHz	Pass	7.33	1.24	0.96	0.32	1.70	7.04	28.67
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	7.33	0.27	0.13	0.72	0.61	6.14	9.67
5310MHz	Pass	7.33	-0.18	-0.28	1.06	0.56	6.19	9.67
5510MHz	Pass	7.33	0.56	0.38	0.37	1.08	6.25	9.67
5550MHz	Pass	7.33	0.04	0.19	-0.13	1.98	6.22	9.67
5670MHz	Pass	7.33	-0.12	-0.32	-0.09	0.50	5.89	9.67
5710MHz Straddle 5.47-5.725GHz	Pass	7.33	0.57	0.53	-0.20	0.74	6.22	9.67
5710MHz Straddle 5.725-5.85GHz	Pass	7.33	-2.48	-2.71	-3.43	-2.46	3.20	28.67
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.33	-3.27	-3.71	-2.87	-2.67	2.66	9.67
5530MHz	Pass	7.33	-2.45	-2.43	-3.20	-2.66	2.95	9.67
5610MHz	Pass	7.33	-3.03	-2.39	-3.41	-2.77	2.92	9.67
5690MHz Straddle 5.47-5.725GHz	Pass	7.33	-2.71	-2.12	-3.27	-2.59	3.08	9.67
5690MHz Straddle 5.725-5.85GHz	Pass	7.33	-5.77	-7.45	-7.03	-5.90	-0.62	28.67

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

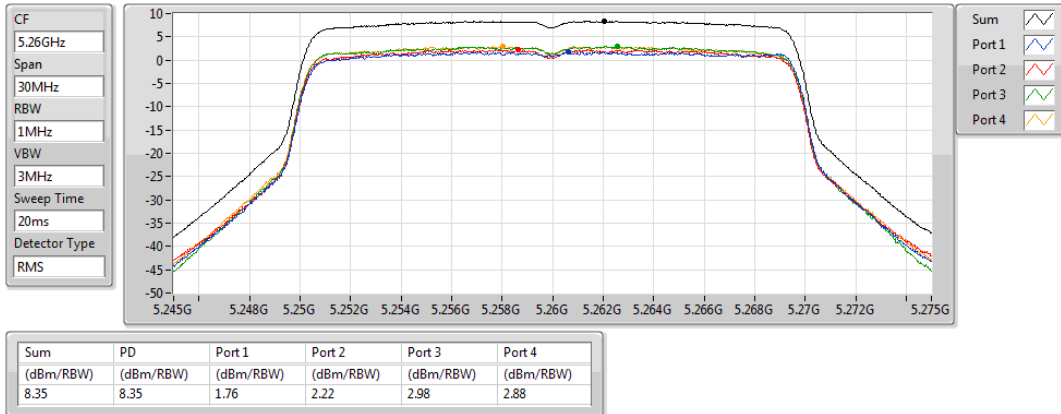
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

07/08/2019

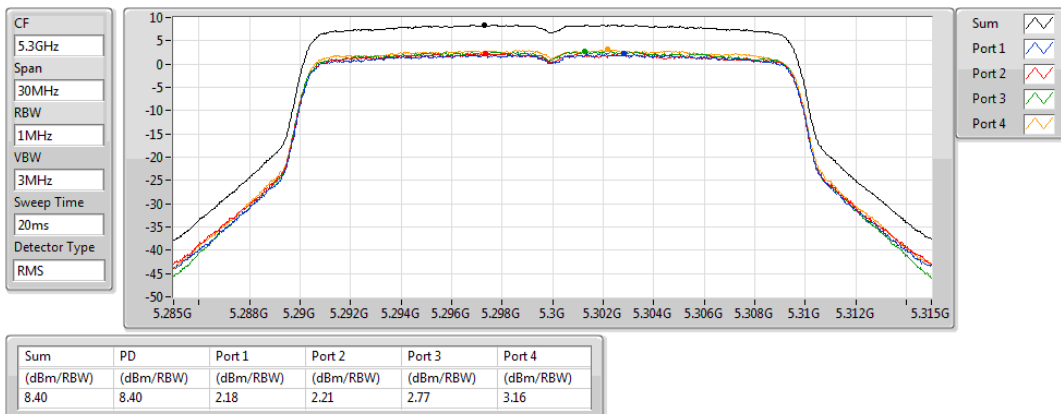


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

07/08/2019

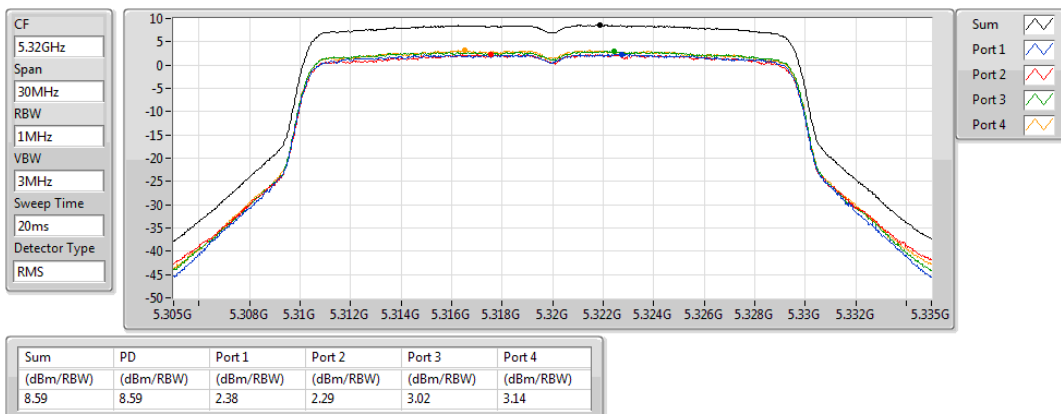


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

07/08/2019

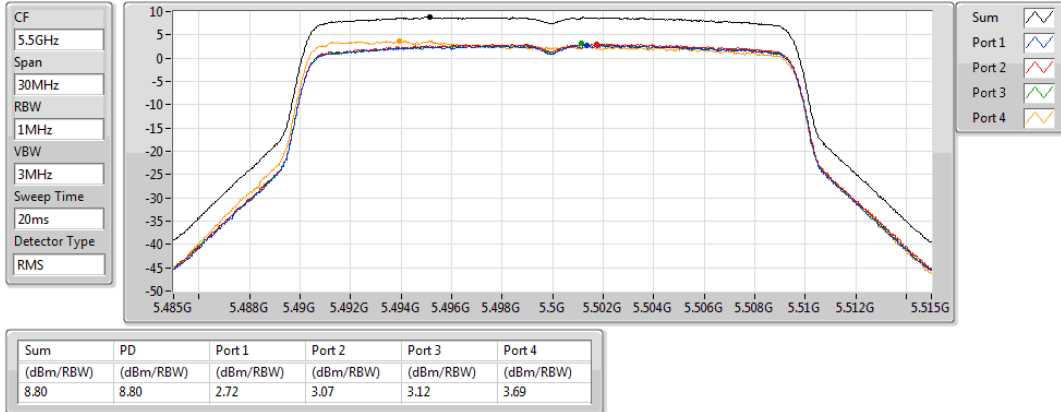


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

07/08/2019

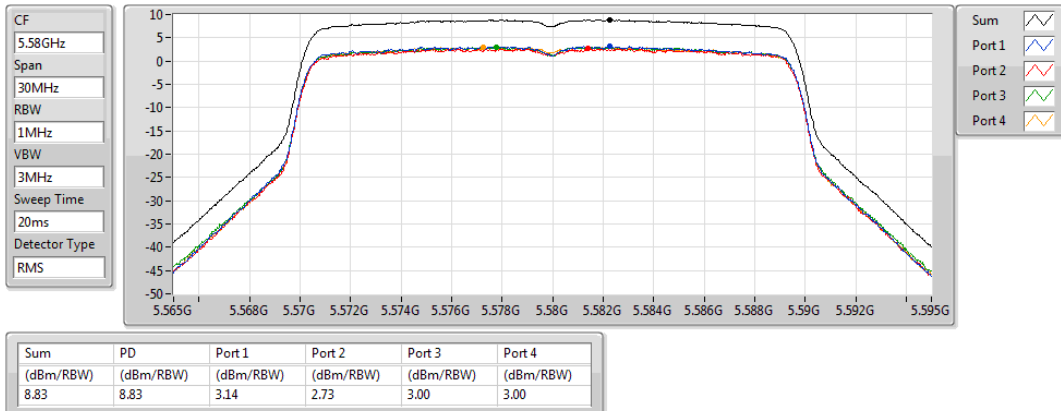


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

07/08/2019

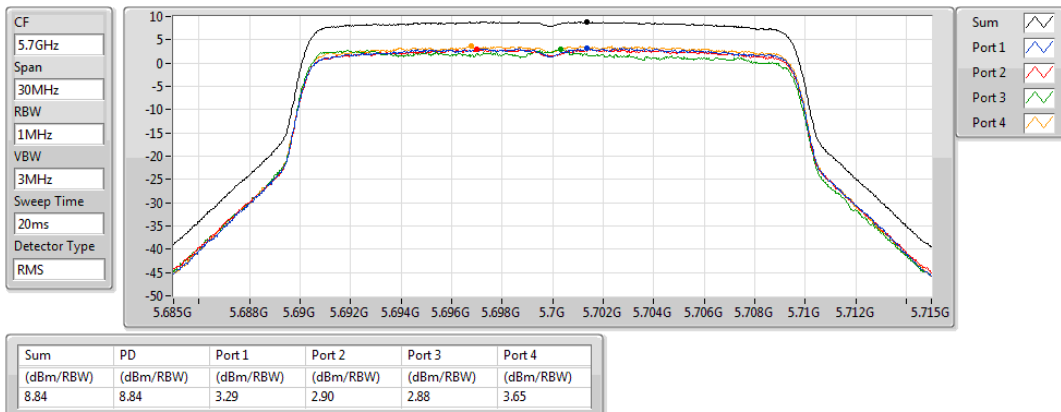


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

07/08/2019

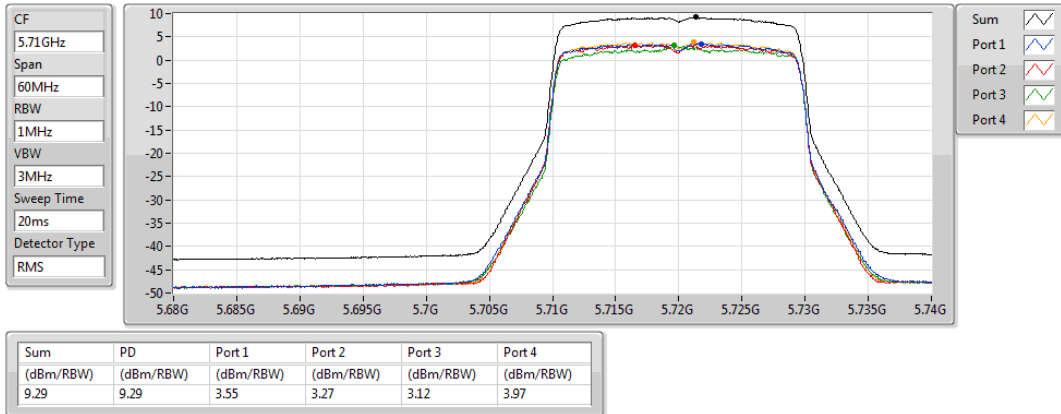


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

07/08/2019

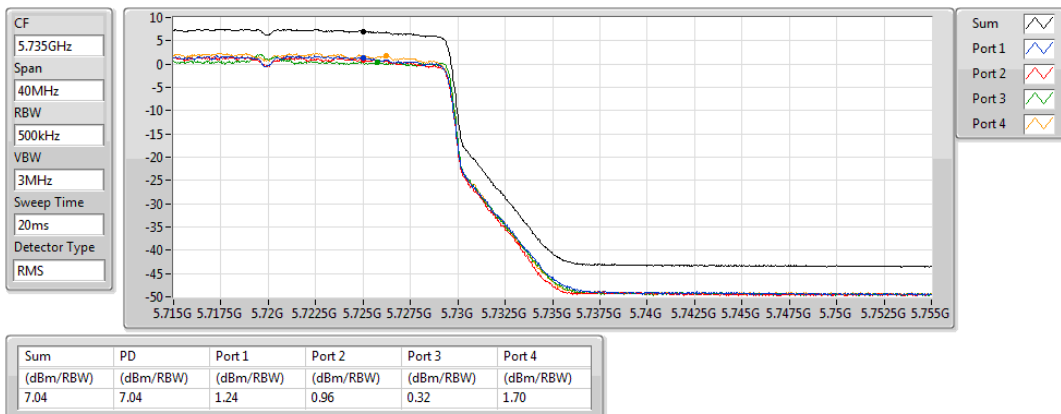


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

07/08/2019

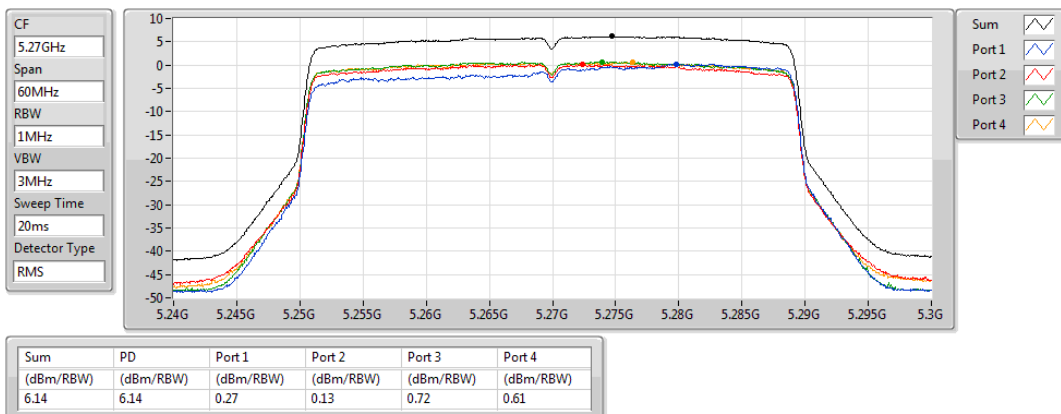


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz

PSD

07/08/2019

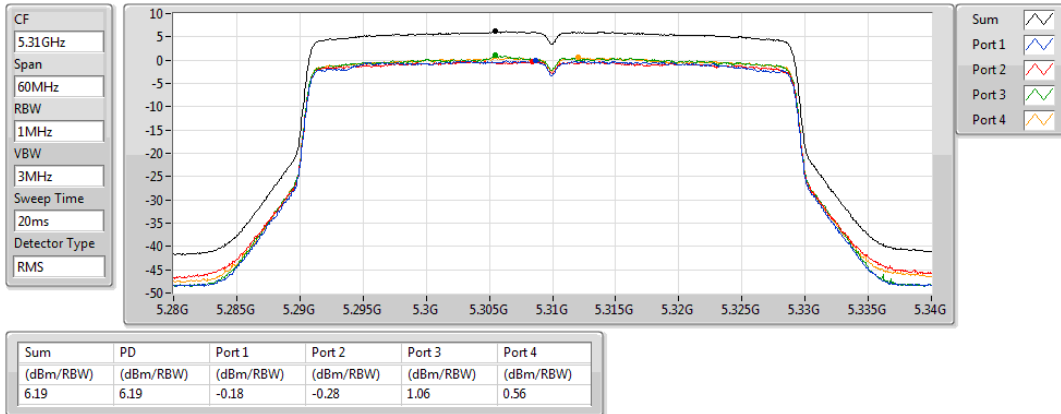


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

07/08/2019

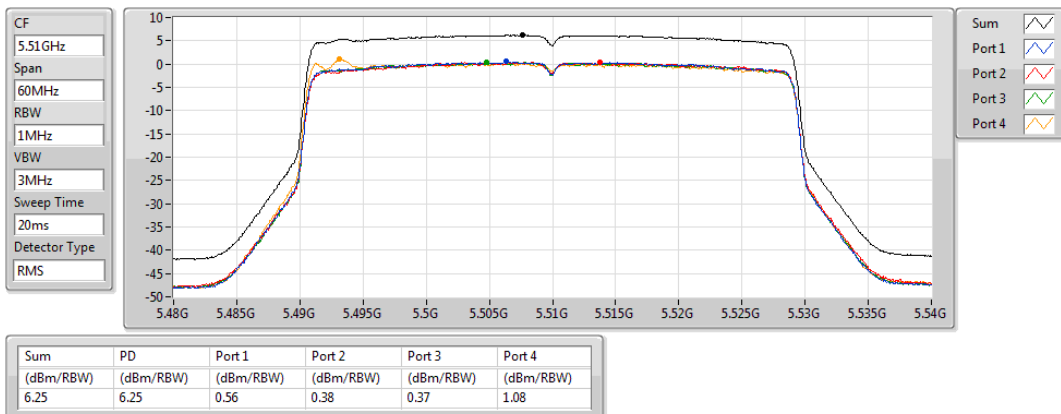


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

07/08/2019

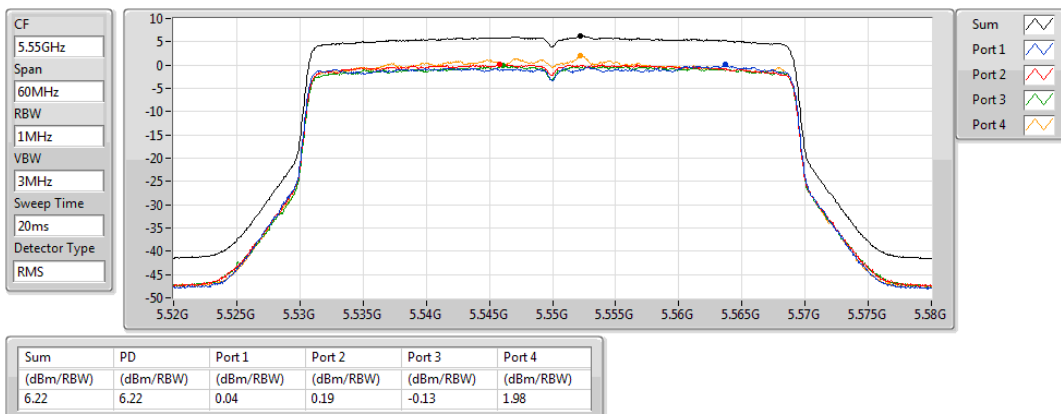


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

07/08/2019

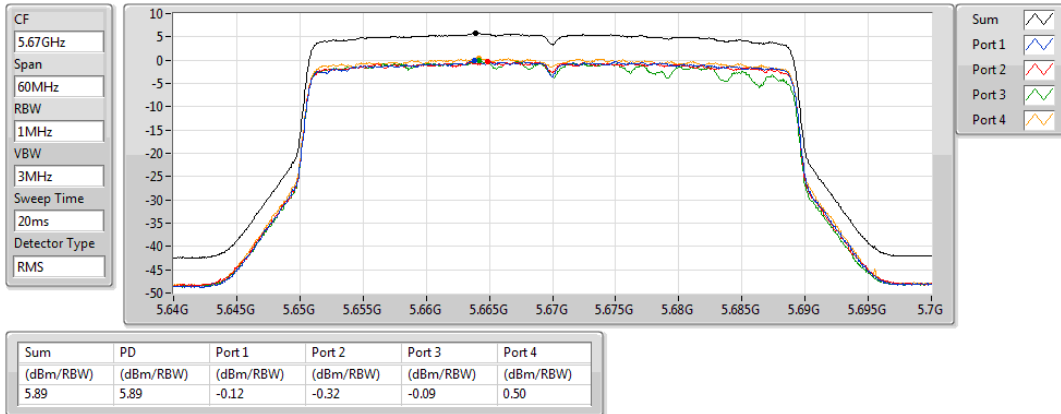


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

07/08/2019

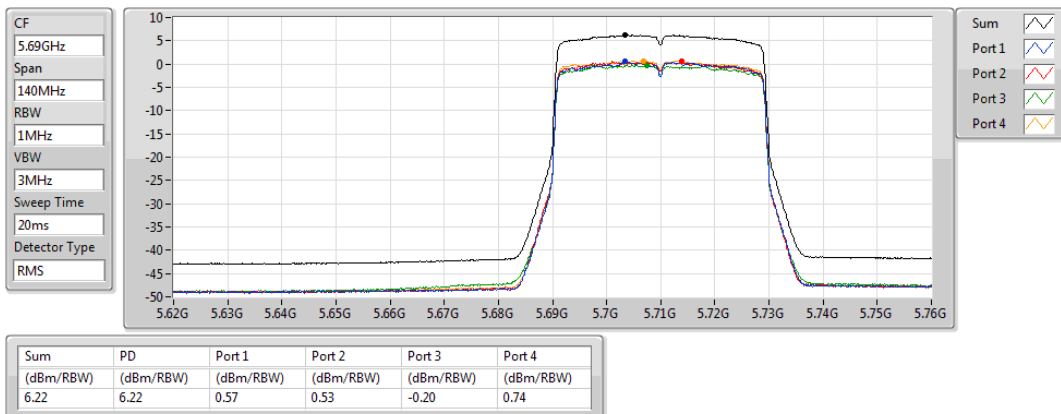


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

07/08/2019

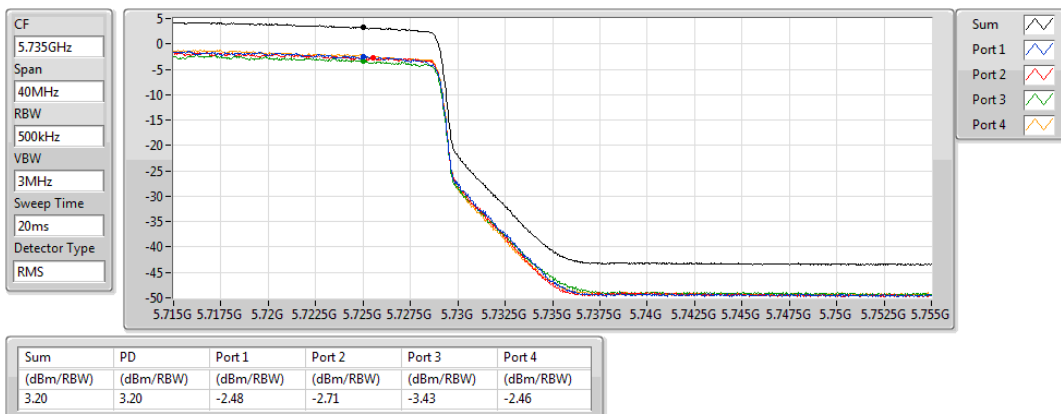


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

07/08/2019

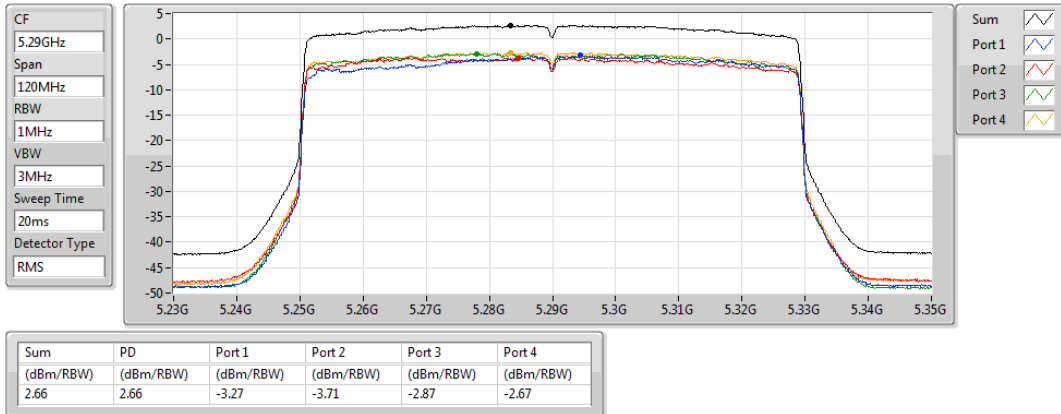


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

07/08/2019

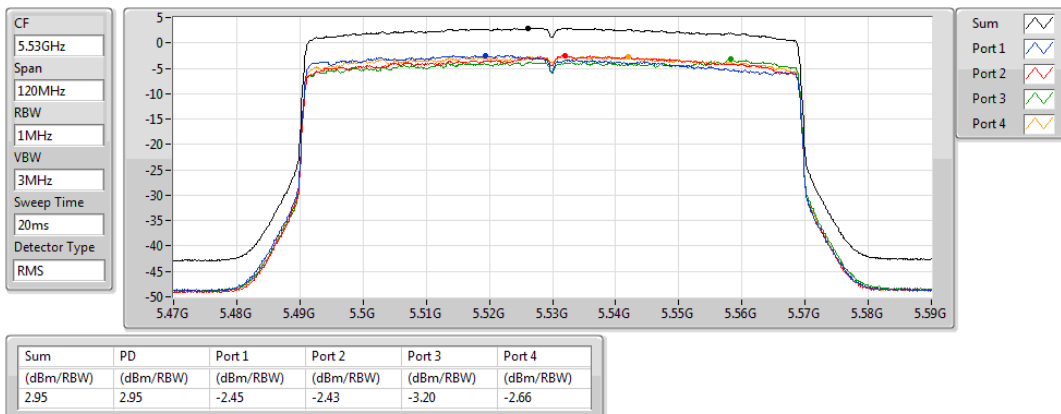


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

07/08/2019

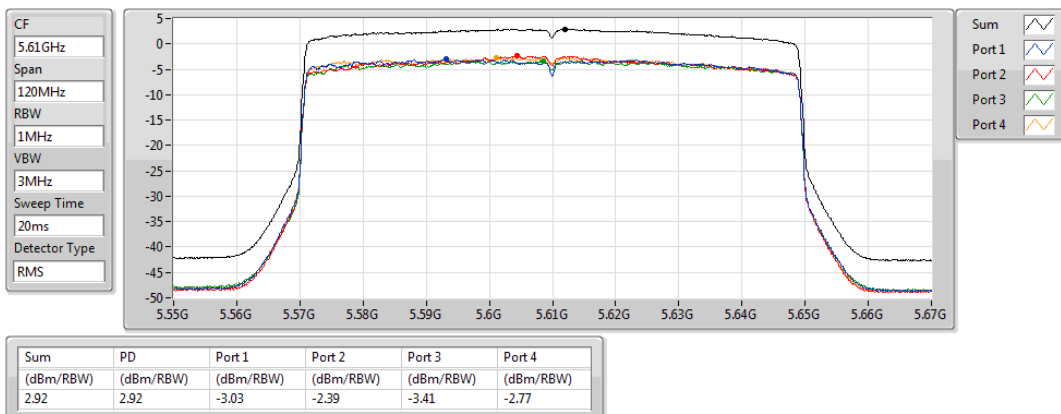


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

07/08/2019

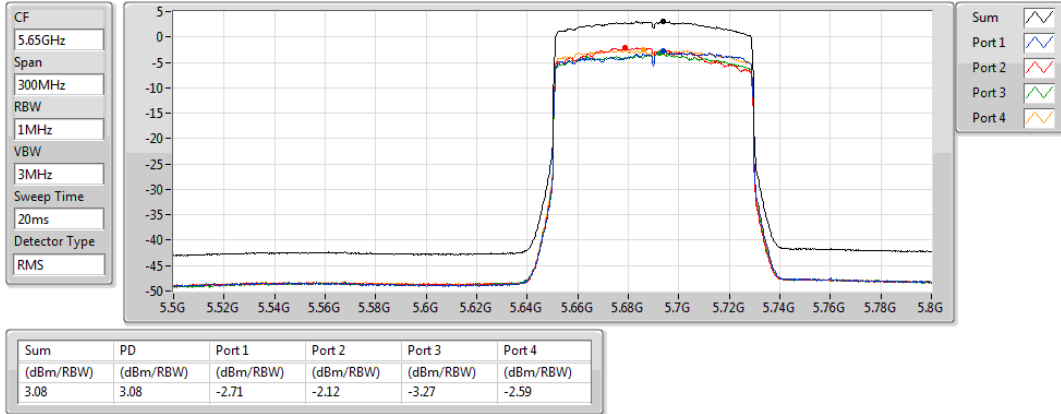


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

07/08/2019

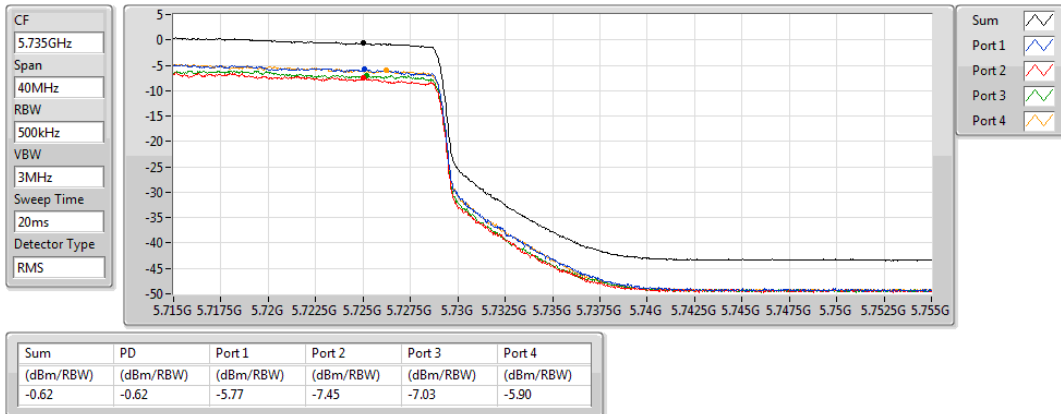


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

07/08/2019



Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.73
802.11ax HEW20_Nss1,(MCS0)_1TX	10.26
802.11ax HEW40_Nss1,(MCS0)_1TX	7.53
802.11ax HEW80_Nss1,(MCS0)_1TX	3.79
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.84
802.11ax HEW20_Nss1,(MCS0)_1TX	10.58
802.11ax HEW40_Nss1,(MCS0)_1TX	8.00
802.11ax HEW80_Nss1,(MCS0)_1TX	4.67
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.57
802.11ax HEW20_Nss1,(MCS0)_1TX	8.64
802.11ax HEW40_Nss1,(MCS0)_1TX	5.20
802.11ax HEW80_Nss1,(MCS0)_1TX	1.30

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	-	-	-	-	-
5260MHz	Pass	4.77	10.60	10.60	11.00
5300MHz	Pass	4.77	10.73	10.73	11.00
5320MHz	Pass	4.77	10.71	10.71	11.00
5500MHz	Pass	4.77	10.84	10.84	11.00
5580MHz	Pass	4.77	10.72	10.72	11.00
5700MHz	Pass	4.77	10.58	10.58	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.77	10.73	10.73	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.77	8.57	8.57	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	4.77	10.25	10.25	11.00
5300MHz	Pass	4.77	10.24	10.24	11.00
5320MHz	Pass	4.77	10.26	10.26	11.00
5500MHz	Pass	4.77	9.85	9.85	11.00
5580MHz	Pass	4.77	10.21	10.21	11.00
5700MHz	Pass	4.77	9.62	9.62	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.77	10.58	10.58	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.77	8.64	8.64	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	4.77	7.42	7.42	11.00
5310MHz	Pass	4.77	7.53	7.53	11.00
5510MHz	Pass	4.77	6.65	6.65	11.00
5550MHz	Pass	4.77	7.23	7.23	11.00
5670MHz	Pass	4.77	6.87	6.87	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.77	8.00	8.00	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.77	5.20	5.20	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	4.77	3.79	3.79	11.00
5530MHz	Pass	4.77	3.73	3.73	11.00
5610MHz	Pass	4.77	4.27	4.27	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.77	4.67	4.67	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.77	1.30	1.30	30.00

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

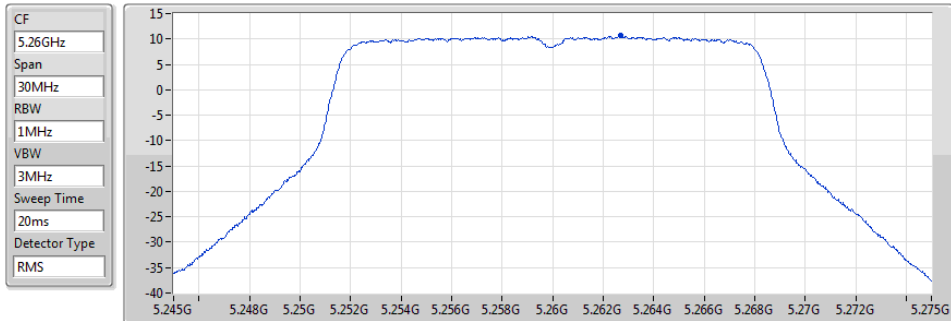
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

02/08/2019



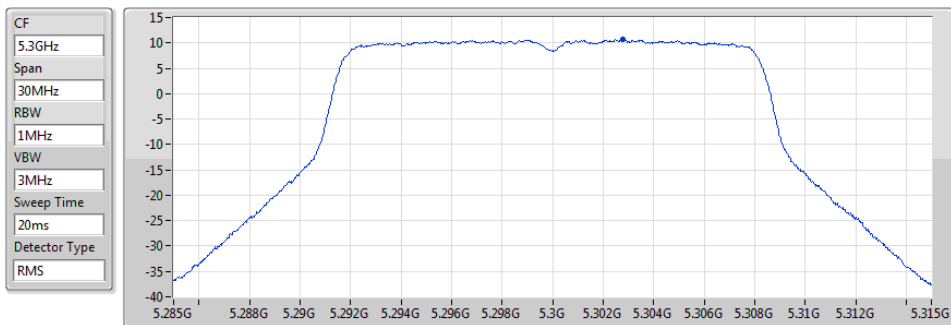
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.60	10.60	10.60

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

02/08/2019



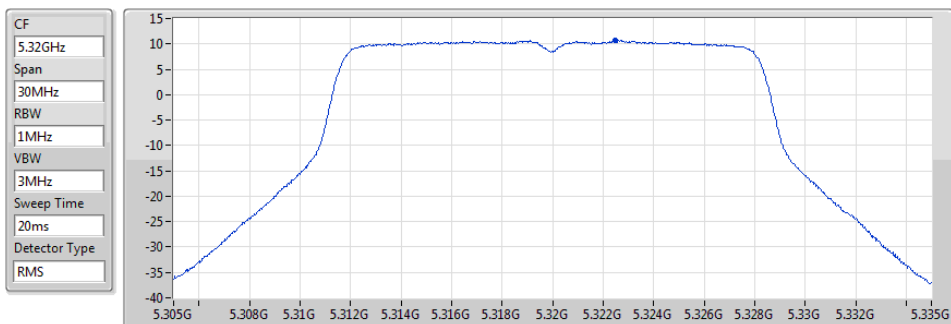
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.73	10.73	10.73

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

02/08/2019



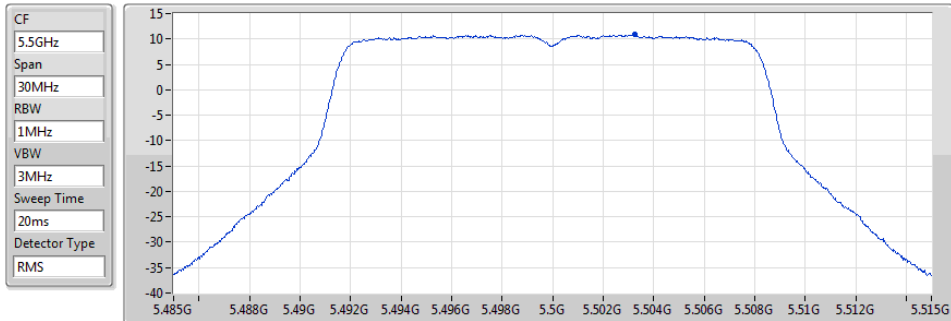
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.71	10.71	10.71

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

02/08/2019



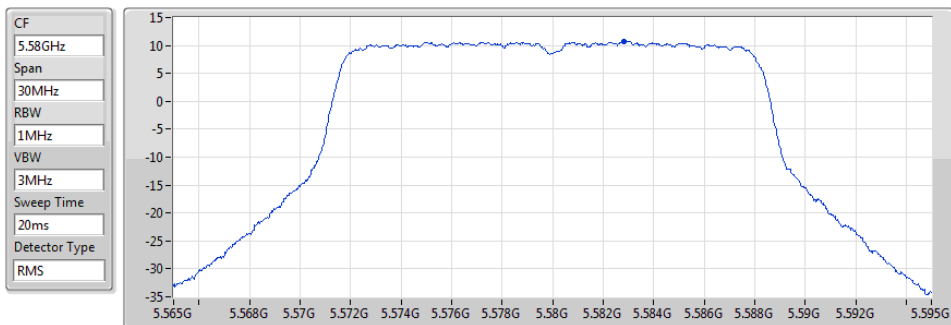
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.84	10.84	10.84

802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

02/08/2019



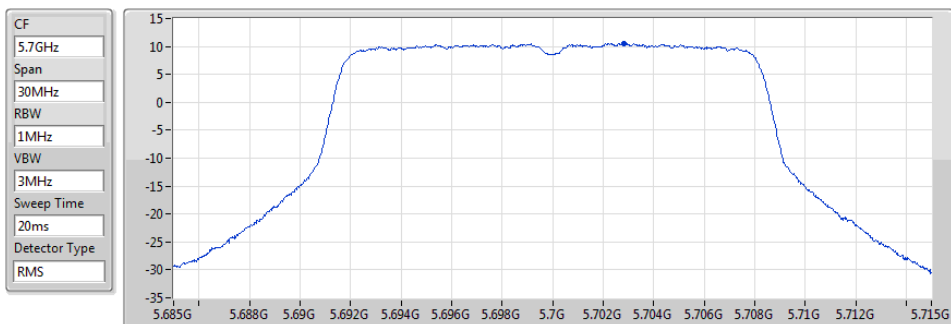
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.72	10.72	10.72

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

02/08/2019



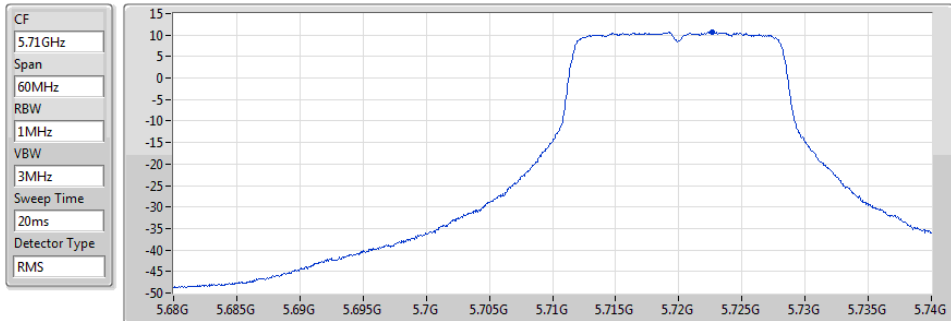
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.58	10.58	10.58

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

02/08/2019



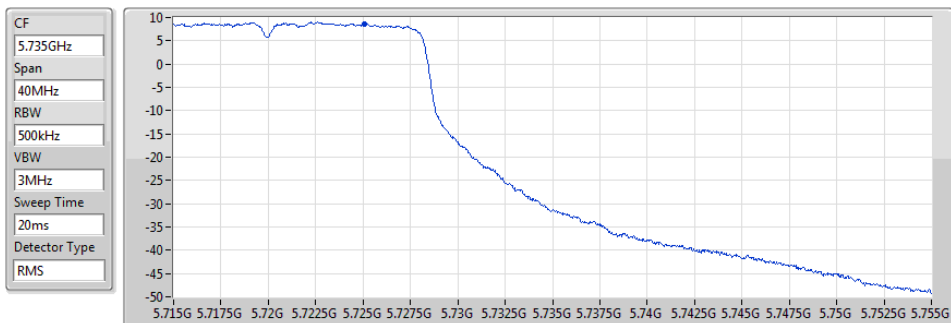
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.73	10.73	10.73

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

02/08/2019



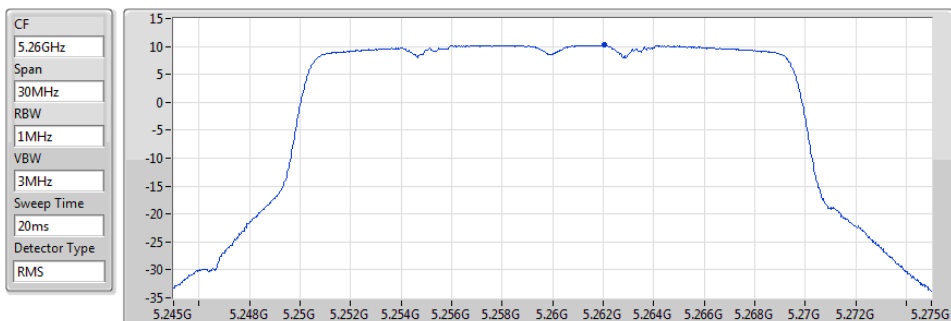
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.57	8.57	8.57

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

02/08/2019



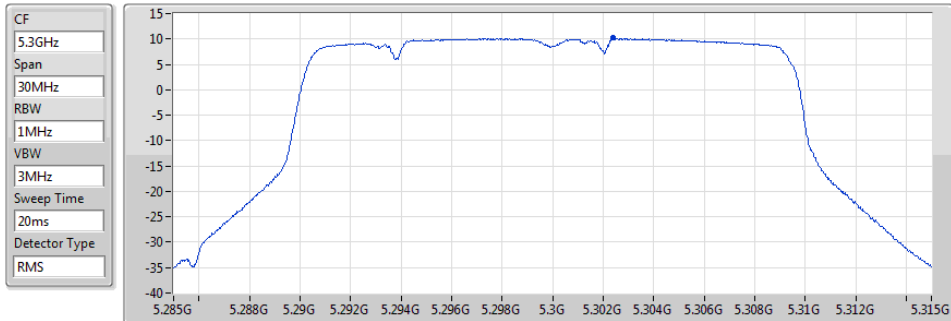
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.25	10.25	10.25

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

02/08/2019



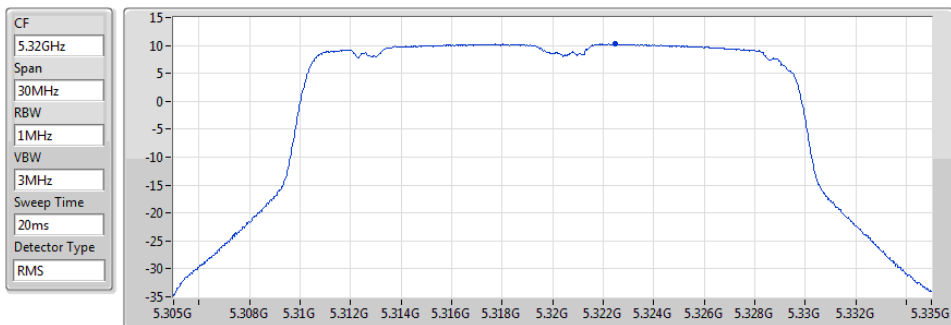
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.24	10.24	10.24

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

02/08/2019



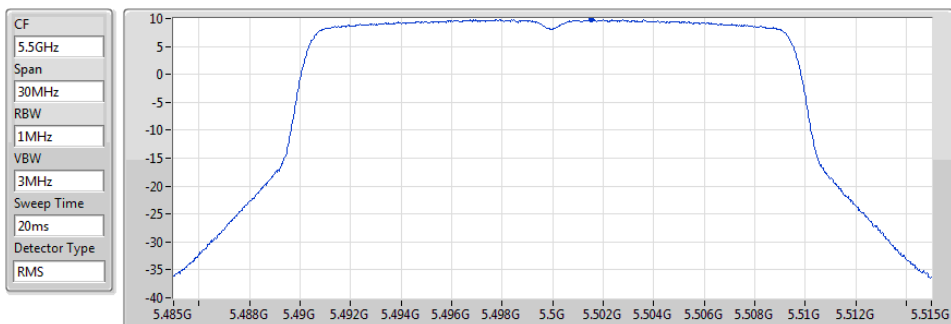
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.26	10.26	10.26

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

02/08/2019



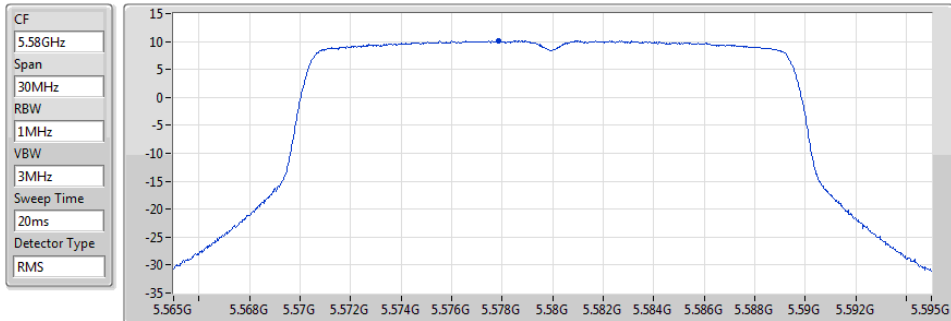
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.85	9.85	9.85

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

02/08/2019



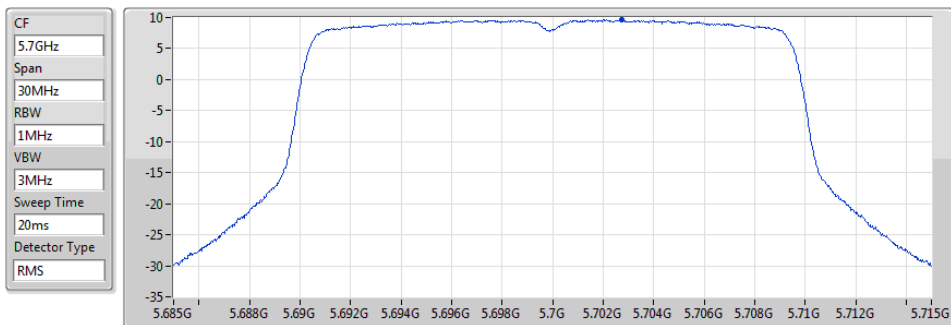
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.21	10.21	10.21

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

02/08/2019



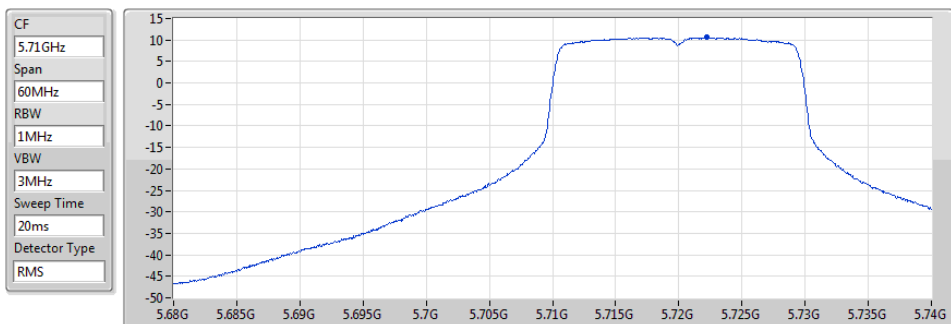
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.62	9.62	9.62

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

02/08/2019



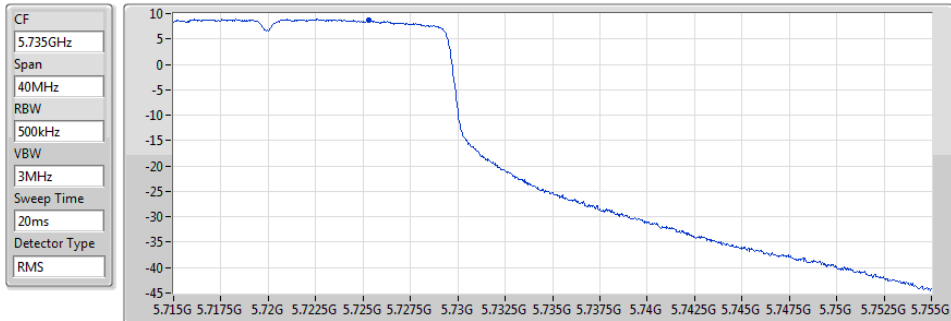
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.58	10.58	10.58

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

02/08/2019



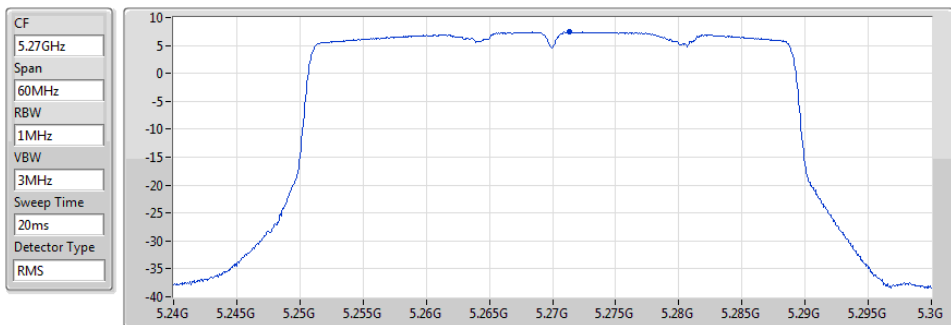
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.64	8.64	8.64

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

02/08/2019



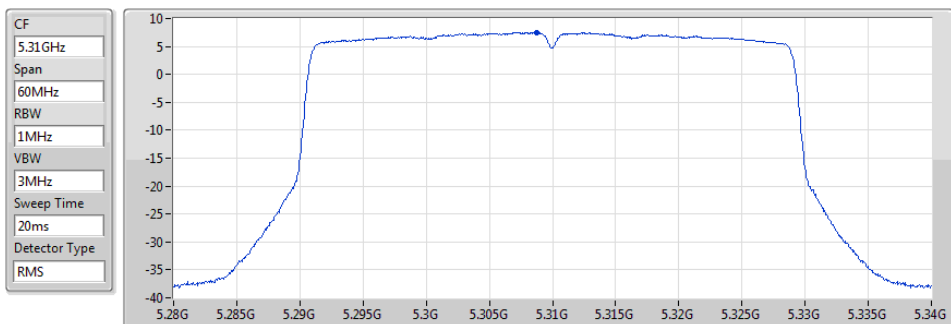
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.42	7.42	7.42

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

02/08/2019



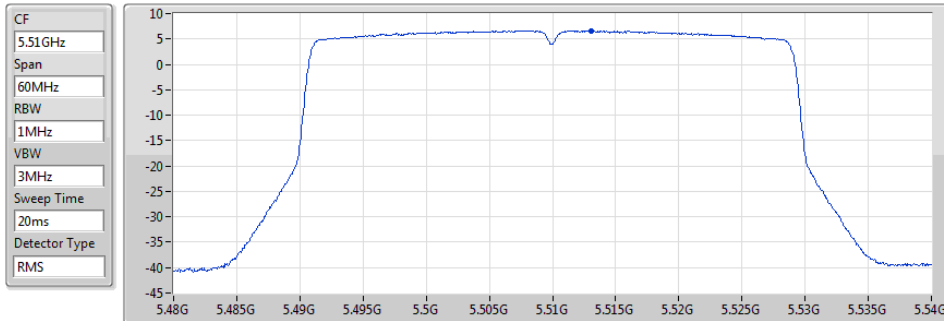
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.53	7.53	7.53

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

02/08/2019



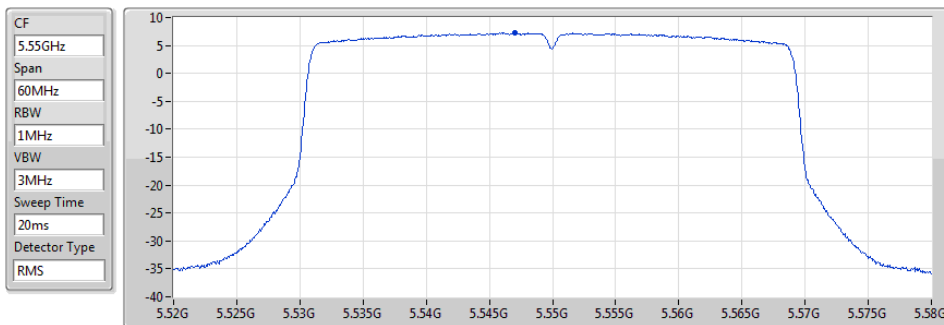
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.65	6.65	6.65

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

02/08/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.23	7.23	7.23

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

02/08/2019



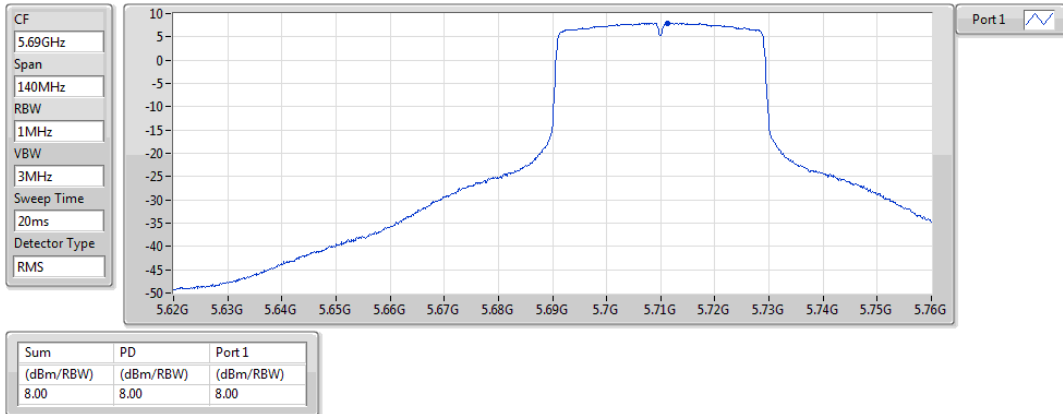
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.87	6.87	6.87

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

02/08/2019

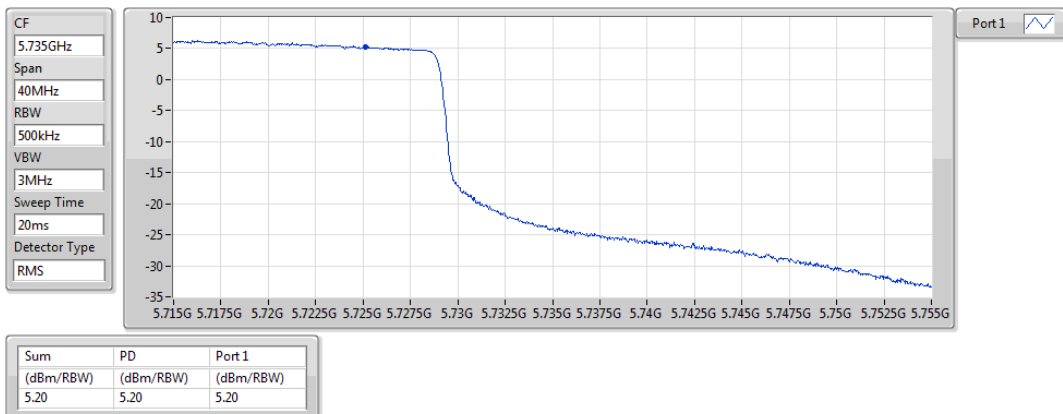


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

02/08/2019

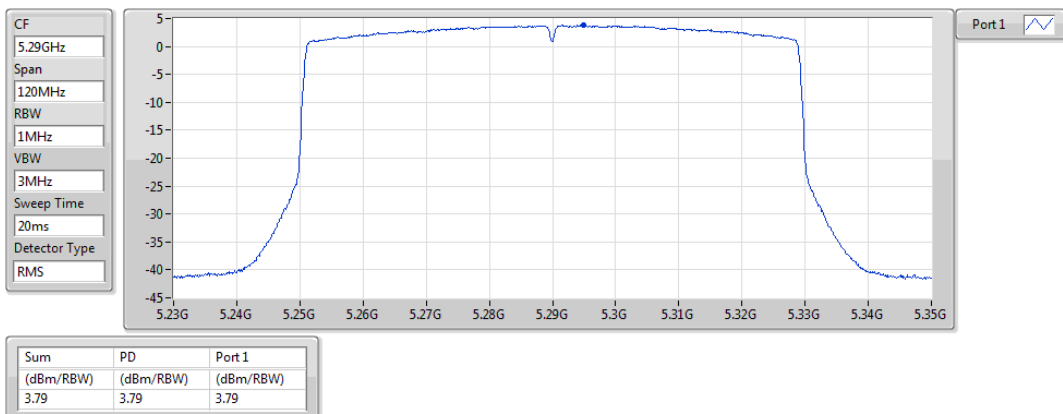


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

02/08/2019

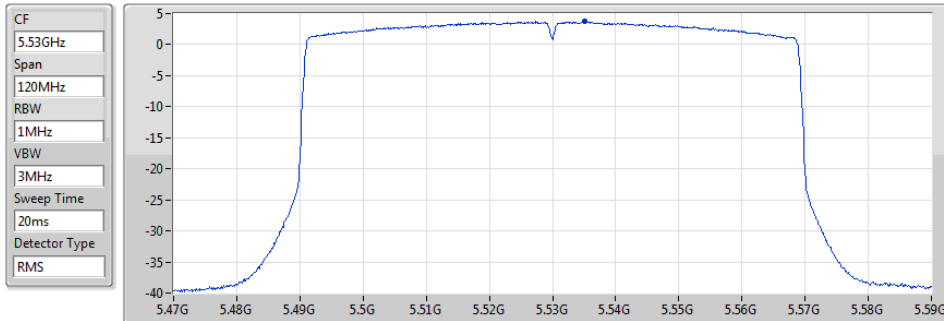


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

02/08/2019



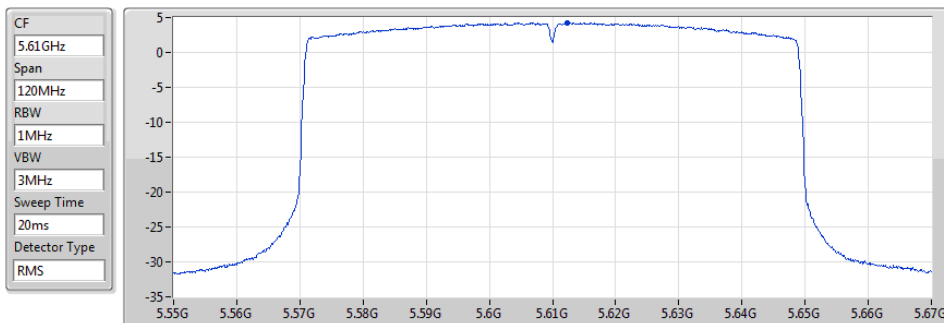
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.73	3.73	3.73

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

02/08/2019



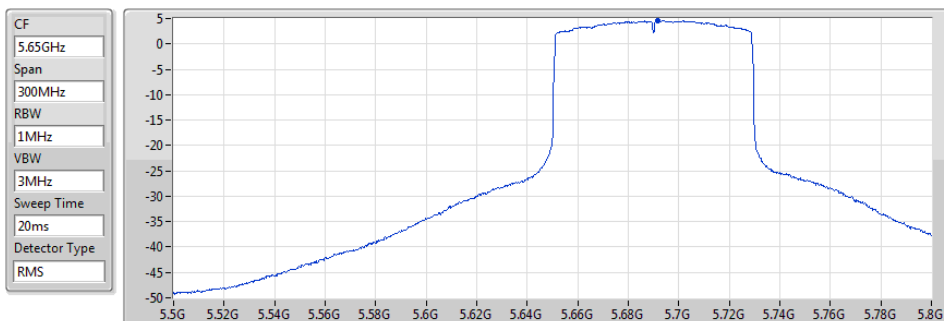
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.27	4.27	4.27

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

02/08/2019



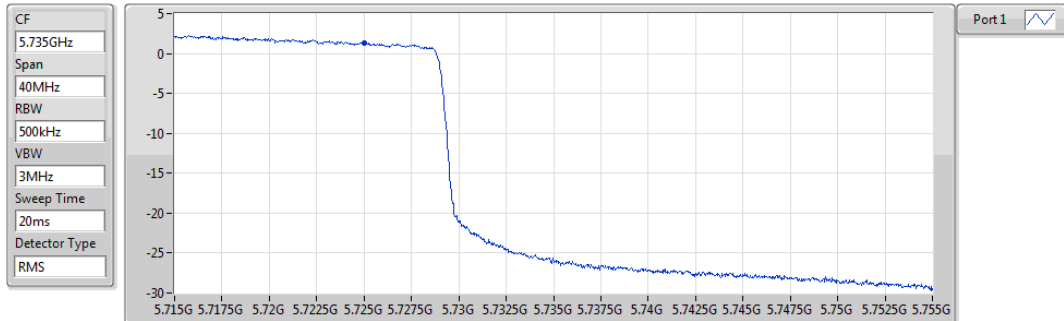
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.67	4.67	4.67

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

02/08/2019



Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.30	1.30	1.30

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	7.47
802.11ax HEW20_Nss1,(MCS0)_2TX	7.40
802.11ax HEW40_Nss1,(MCS0)_2TX	7.46
802.11ax HEW80_Nss1,(MCS0)_2TX	4.74
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	7.59
802.11ax HEW20_Nss1,(MCS0)_2TX	7.60
802.11ax HEW40_Nss1,(MCS0)_2TX	7.56
802.11ax HEW80_Nss1,(MCS0)_2TX	4.90
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	5.18
802.11ax HEW20_Nss1,(MCS0)_2TX	5.48
802.11ax HEW40_Nss1,(MCS0)_2TX	4.67
802.11ax HEW80_Nss1,(MCS0)_2TX	1.24

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	-	-	-	-	-	-
5260MHz	Pass	9.38	4.33	4.65	7.47	7.62
5300MHz	Pass	9.38	4.57	4.37	7.41	7.62
5320MHz	Pass	9.38	4.62	4.30	7.43	7.62
5500MHz	Pass	9.38	4.54	4.40	7.34	7.62
5580MHz	Pass	9.38	4.85	4.45	7.59	7.62
5700MHz	Pass	9.38	4.66	4.67	7.52	7.62
5720MHz Straddle 5.47-5.725GHz	Pass	9.38	4.69	4.50	7.52	7.62
5720MHz Straddle 5.725-5.85GHz	Pass	9.38	2.33	2.25	5.18	26.62
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	9.38	4.25	4.39	7.26	7.62
5300MHz	Pass	9.38	4.33	4.25	7.30	7.62
5320MHz	Pass	9.38	4.54	4.30	7.40	7.62
5500MHz	Pass	9.38	4.68	4.50	7.59	7.62
5580MHz	Pass	9.38	4.66	4.21	7.32	7.62
5700MHz	Pass	9.38	4.66	4.54	7.49	7.62
5720MHz Straddle 5.47-5.725GHz	Pass	9.38	4.91	4.63	7.60	7.62
5720MHz Straddle 5.725-5.85GHz	Pass	9.38	2.48	2.53	5.48	26.62
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	9.38	4.56	4.39	7.46	7.62
5310MHz	Pass	9.38	4.60	4.17	7.39	7.62
5510MHz	Pass	9.38	4.44	4.11	7.26	7.62
5550MHz	Pass	9.38	4.58	4.21	7.29	7.62
5670MHz	Pass	9.38	4.85	4.51	7.56	7.62
5710MHz Straddle 5.47-5.725GHz	Pass	9.38	4.68	4.60	7.54	7.62
5710MHz Straddle 5.725-5.85GHz	Pass	9.38	1.76	1.65	4.67	26.62
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	9.38	2.04	1.62	4.74	7.62
5530MHz	Pass	9.38	1.87	1.62	4.70	7.62
5610MHz	Pass	9.38	2.20	1.68	4.90	7.62
5690MHz Straddle 5.47-5.725GHz	Pass	9.38	1.99	1.79	4.86	7.62
5690MHz Straddle 5.725-5.85GHz	Pass	9.38	-1.42	-2.09	1.24	26.62

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

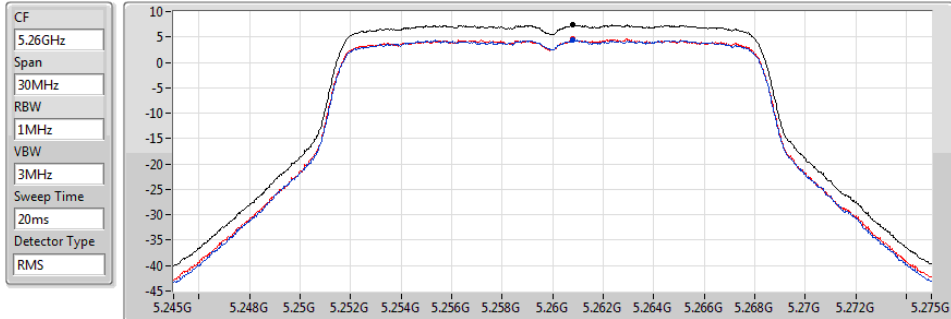
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

01/08/2019



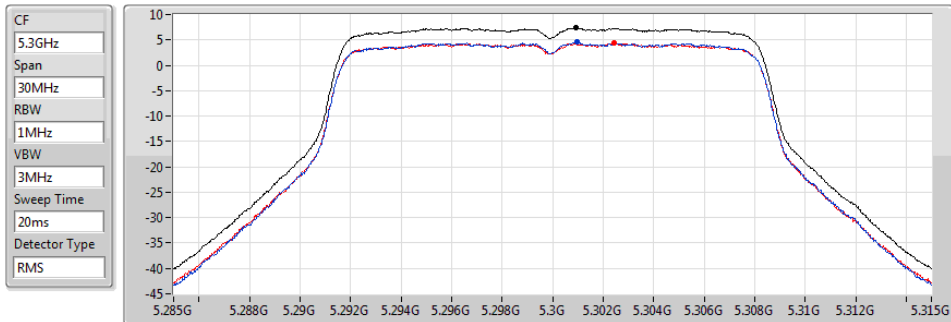
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.47	7.47	4.33	4.65

802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

01/08/2019



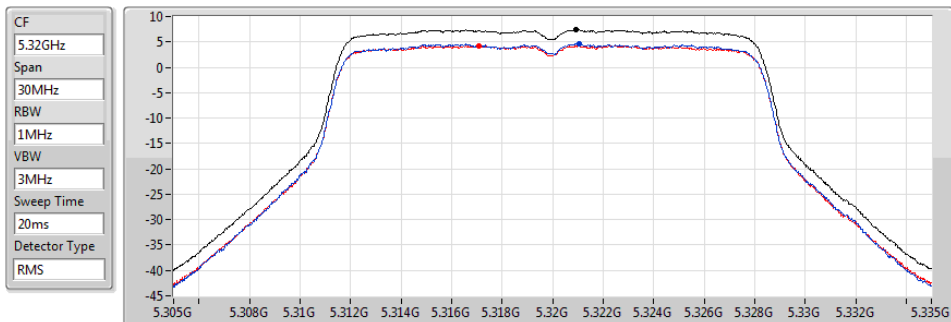
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.41	7.41	4.57	4.37

802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

01/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.43	7.43	4.62	4.30

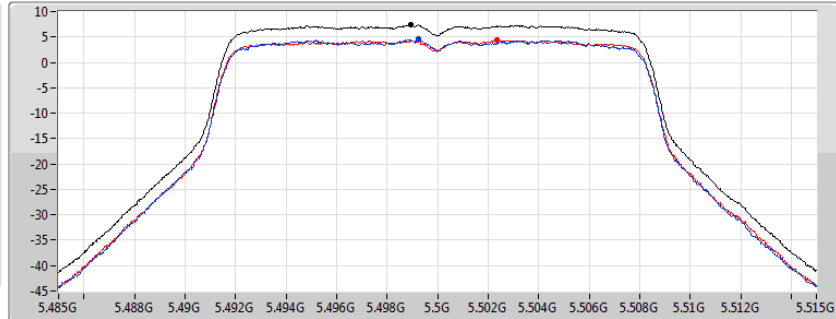
802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

01/08/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.34	7.34	4.54	4.40

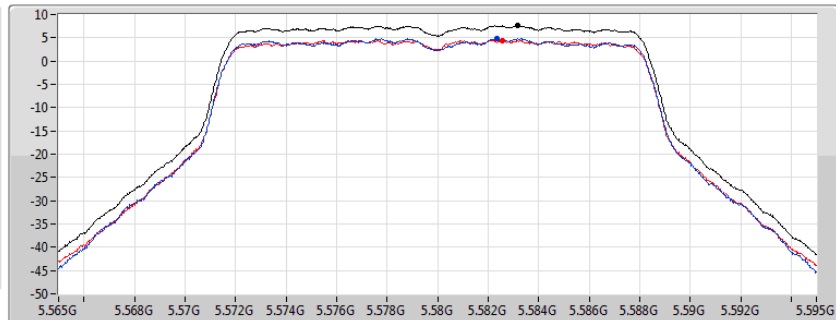
802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

01/08/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.59	7.59	4.85	4.45

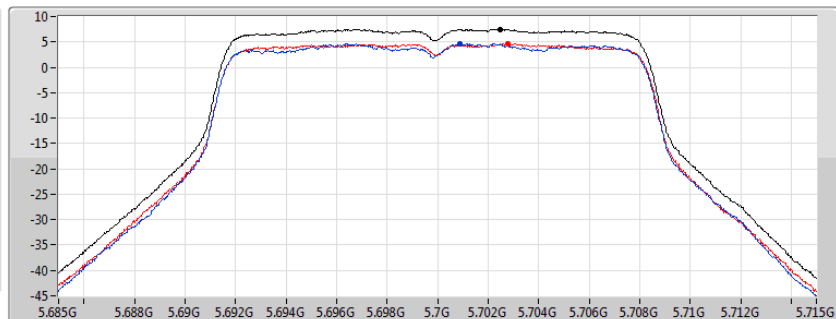
802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

01/08/2019

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



Sum
Port 1
Port 2

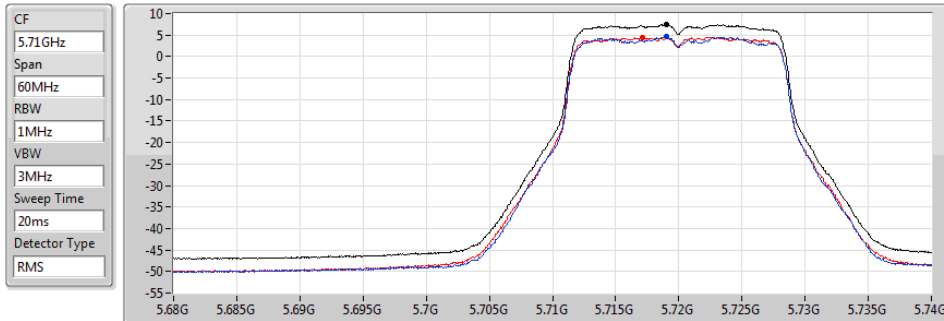
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.52	7.52	4.66	4.67

802.11a_Nss1,(6Mbps)_2TX

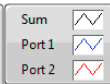
PSD

5720MHz Straddle 5.47-5.725GHz

01/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.52	7.52	4.69	4.50

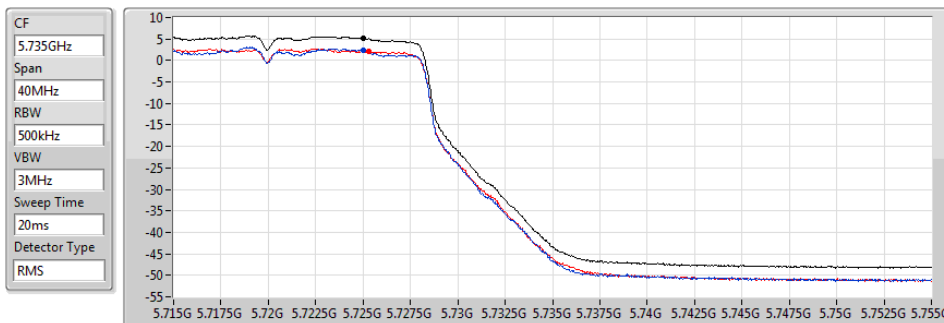


802.11a_Nss1,(6Mbps)_2TX

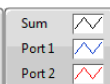
PSD

5720MHz Straddle 5.725-5.85GHz

01/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.18	5.18	2.33	2.25

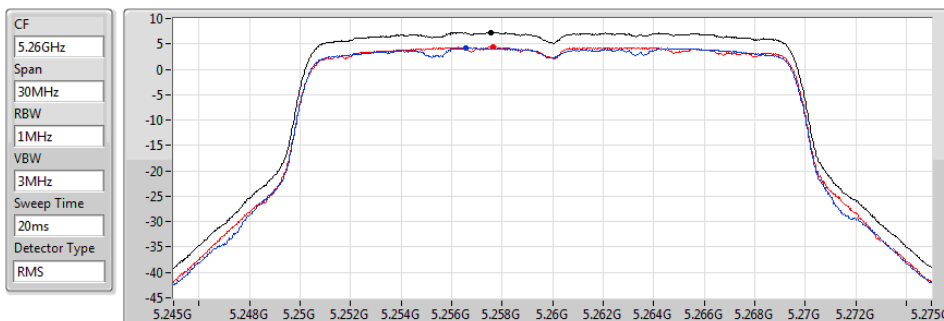


802.11ax HEW20_Nss1,(MCS0)_2TX

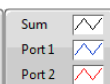
PSD

5260MHz

01/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.26	7.26	4.25	4.39

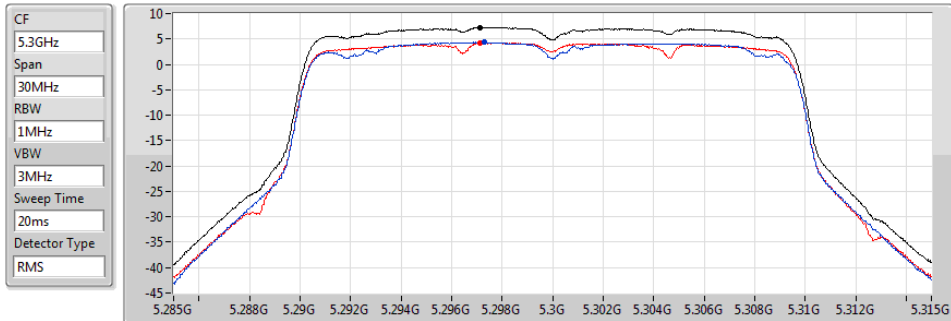


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5300MHz

01/08/2019



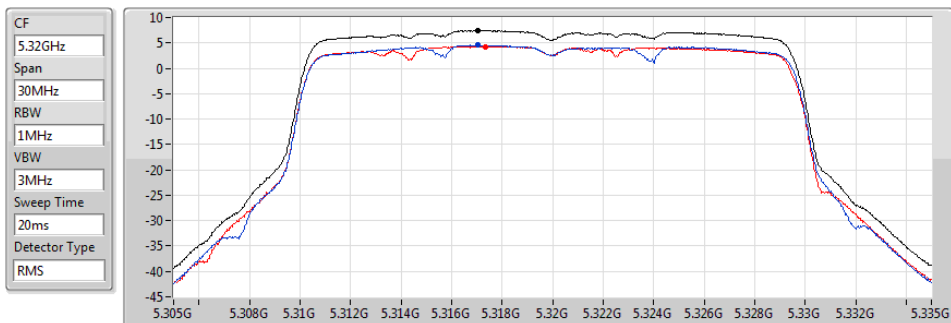
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.30	7.30	4.33	4.25

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5320MHz

01/08/2019



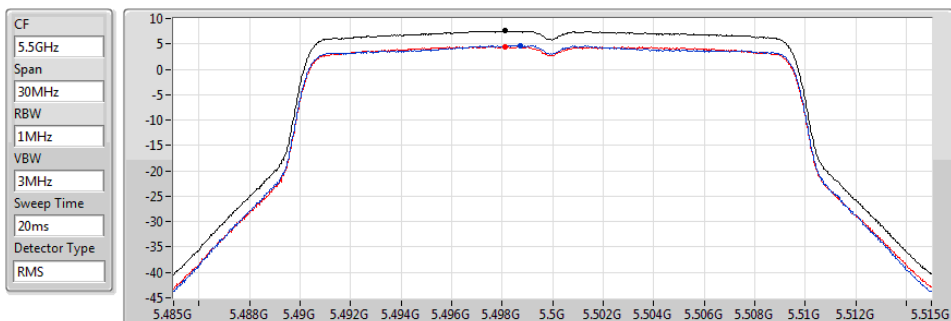
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.40	7.40	4.54	4.30

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5500MHz

01/08/2019



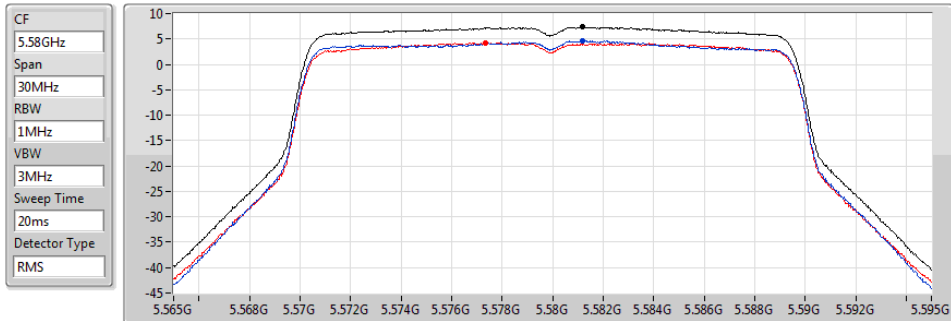
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.59	7.59	4.68	4.50

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5580MHz

01/08/2019



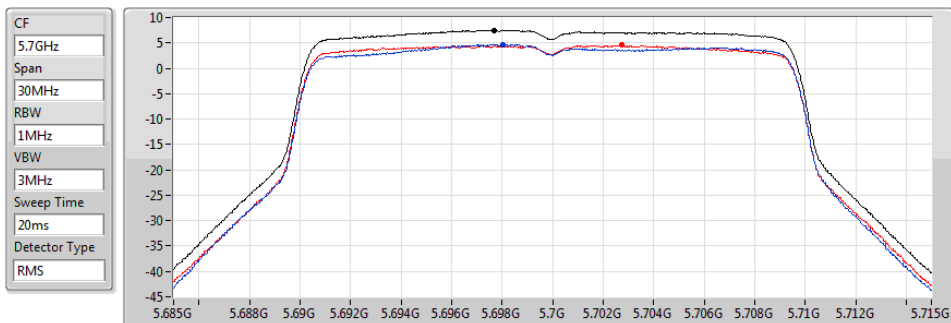
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.32	7.32	4.66	4.21

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5700MHz

01/08/2019



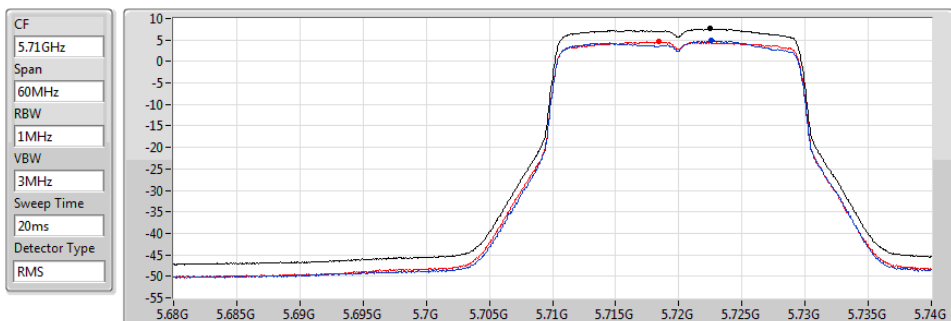
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.49	7.49	4.66	4.54

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

01/08/2019



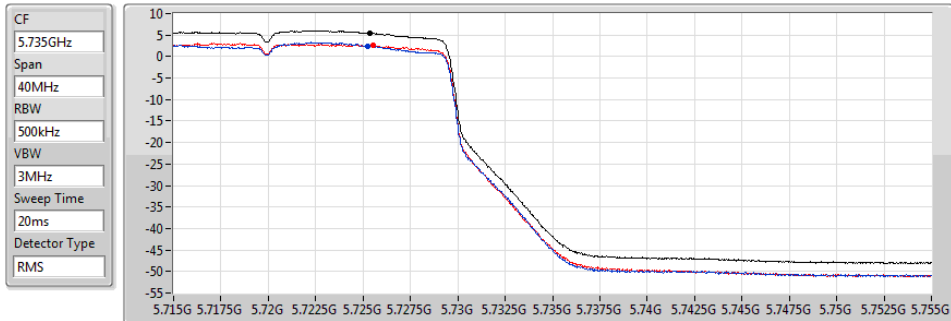
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.60	7.60	4.91	4.63

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

01/08/2019



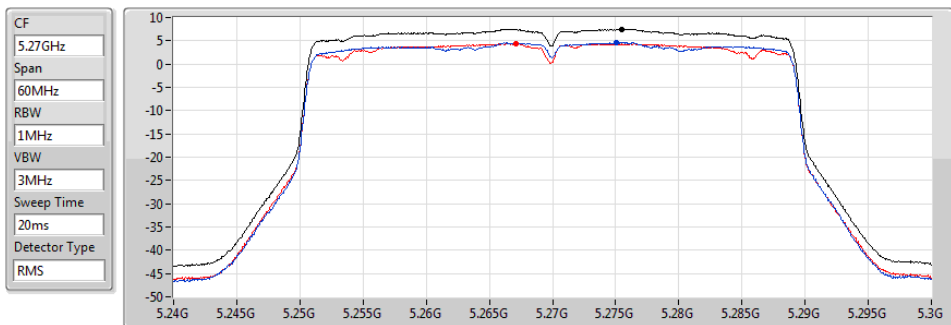
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.48	5.48	2.48	2.53

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5270MHz

01/08/2019



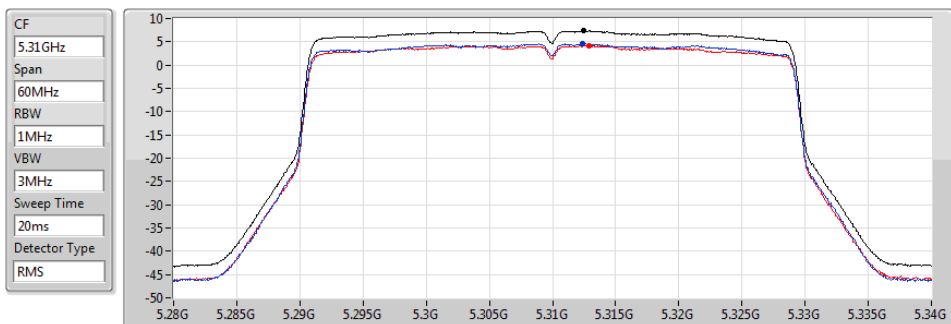
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.46	7.46	4.56	4.39

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5310MHz

01/08/2019



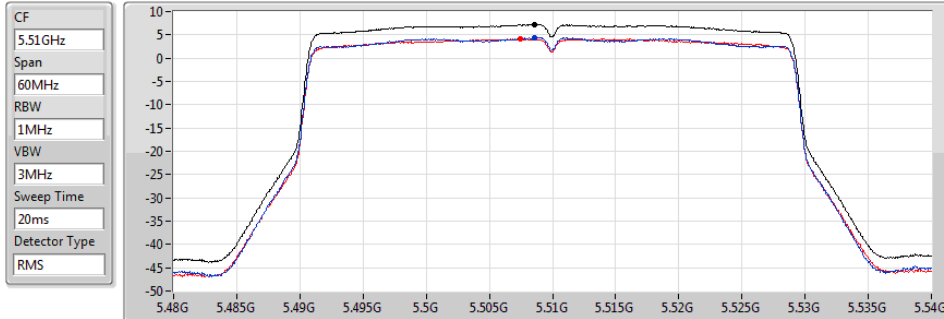
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.39	7.39	4.60	4.17

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5510MHz

01/08/2019



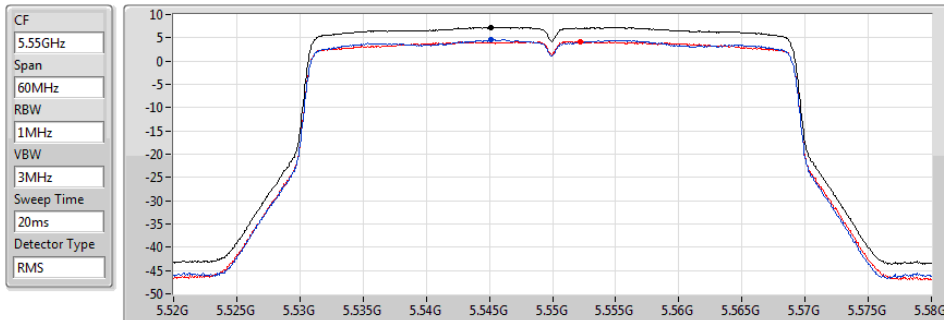
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.26	7.26	4.44	4.11

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5550MHz

01/08/2019



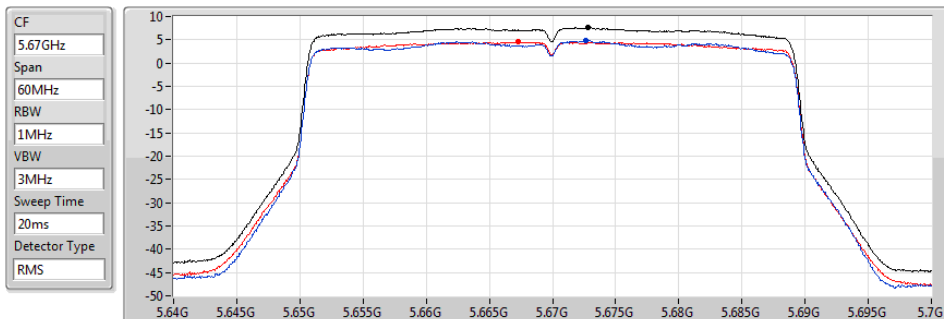
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.29	7.29	4.58	4.21

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5670MHz

01/08/2019



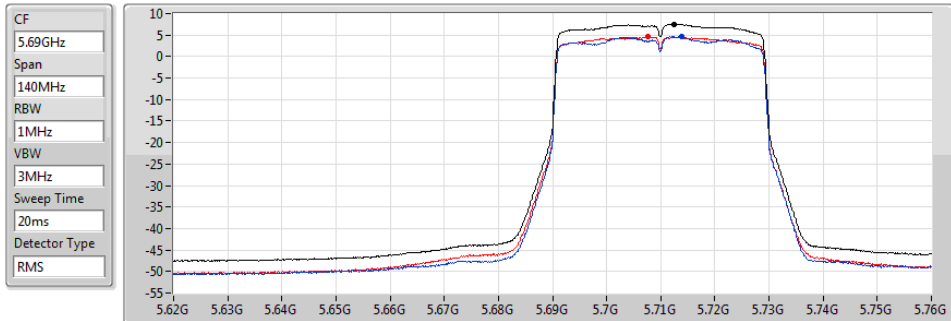
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.56	7.56	4.85	4.51

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

01/08/2019



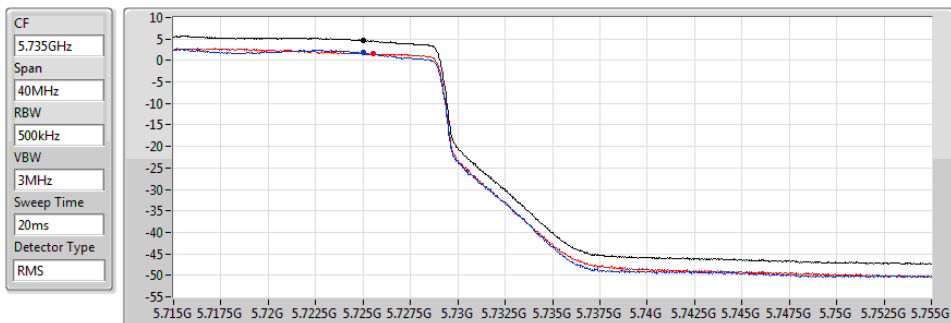
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.54	7.54	4.68	4.60

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

01/08/2019



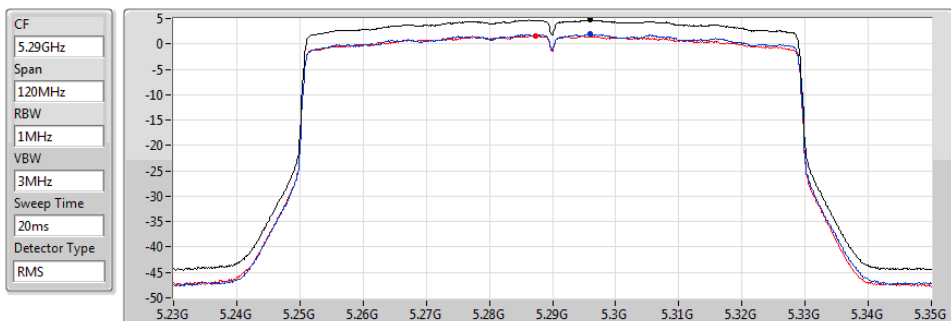
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.67	4.67	1.76	1.65

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5290MHz

01/08/2019



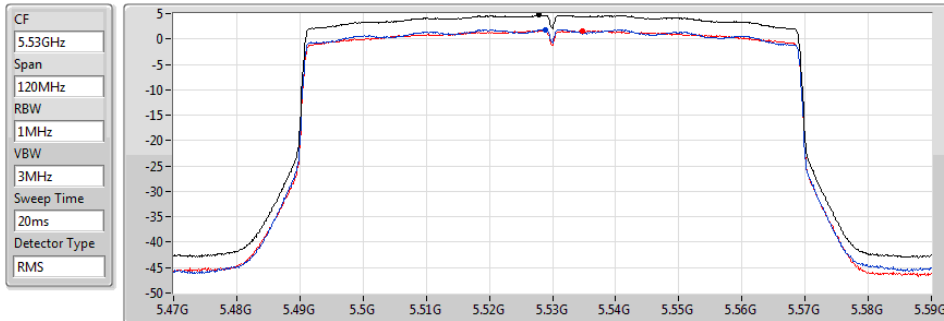
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.74	4.74	2.04	1.62

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5530MHz

01/08/2019



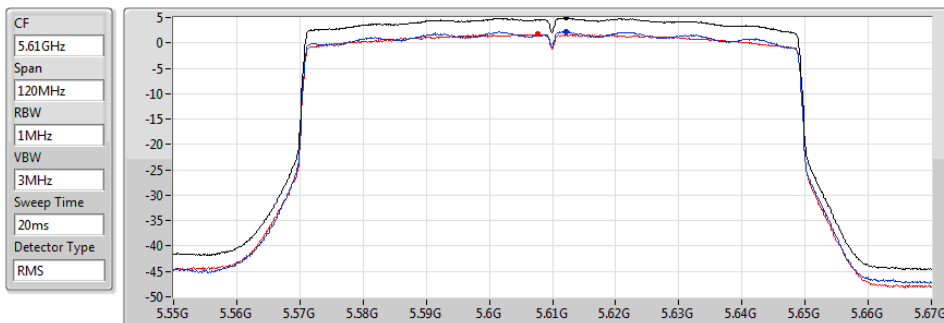
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.70	4.70	1.87	1.62

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5610MHz

01/08/2019



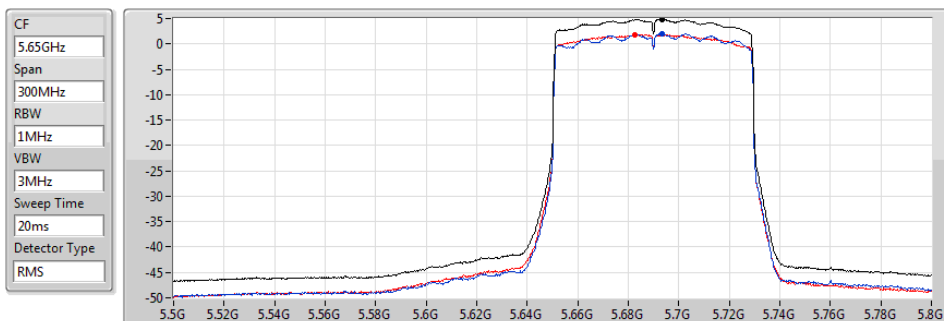
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.90	4.90	2.20	1.68

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

01/08/2019



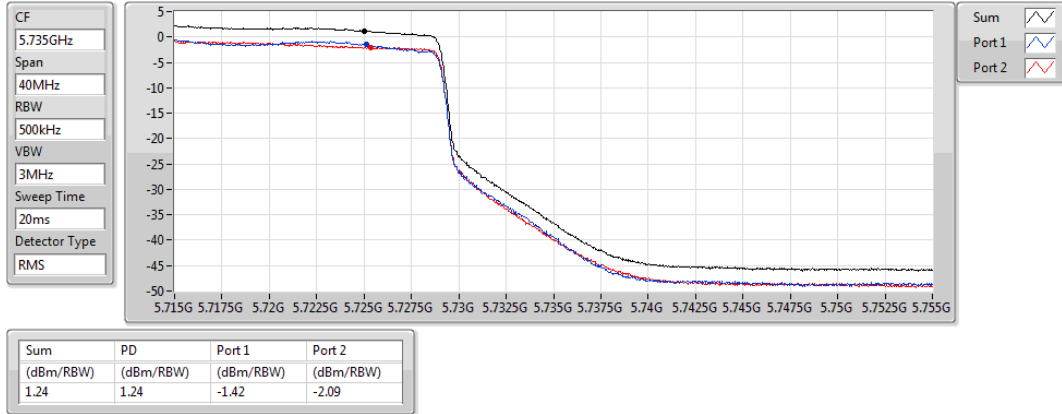
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.86	4.86	1.99	1.79

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

01/08/2019



Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	6.19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.24
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.88
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	7.10
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	4.25
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	1.84
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	5.10
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	1.26
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.34

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)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	9.38	3.13	3.49	6.10	7.62
5300MHz	Pass	9.38	3.42	3.28	6.14	7.62
5320MHz	Pass	9.38	3.42	3.12	6.19	7.62
5500MHz	Pass	9.38	3.70	3.46	6.49	7.62
5580MHz	Pass	9.38	4.01	3.45	6.59	7.62
5700MHz	Pass	9.38	3.26	3.29	6.19	7.62
5720MHz Straddle 5.47-5.725GHz	Pass	9.38	4.21	4.16	7.10	7.62
5720MHz Straddle 5.725-5.85GHz	Pass	9.38	2.16	2.17	5.10	26.62
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	9.38	-0.31	1.19	3.24	7.62
5310MHz	Pass	9.38	0.16	0.43	3.14	7.62
5510MHz	Pass	9.38	0.60	1.26	3.63	7.62
5550MHz	Pass	9.38	0.88	0.85	3.56	7.62
5670MHz	Pass	9.38	0.04	0.72	3.25	7.62
5710MHz Straddle 5.47-5.725GHz	Pass	9.38	1.12	1.69	4.25	7.62
5710MHz Straddle 5.725-5.85GHz	Pass	9.38	-1.89	-1.54	1.26	26.62
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	9.38	-2.80	-0.65	0.88	7.62
5530MHz	Pass	9.38	-2.19	-0.04	1.48	7.62
5610MHz	Pass	9.38	-2.52	-0.63	1.01	7.62
5690MHz Straddle 5.47-5.725GHz	Pass	9.38	-1.79	0.19	1.84	7.62
5690MHz Straddle 5.725-5.85GHz	Pass	9.38	-4.89	-5.76	-2.34	26.62

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

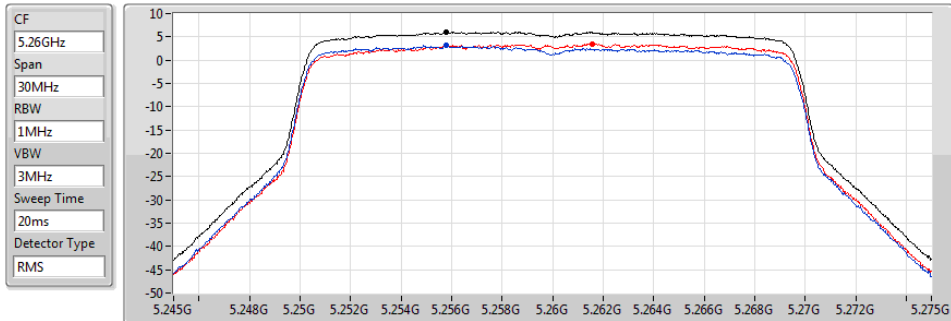
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

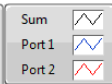
PSD

5260MHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.10	6.10	3.13	3.49

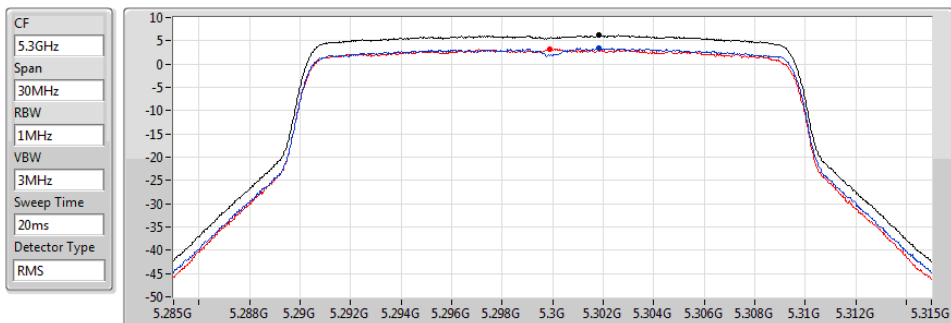


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

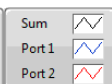
PSD

5300MHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.14	6.14	3.42	3.28

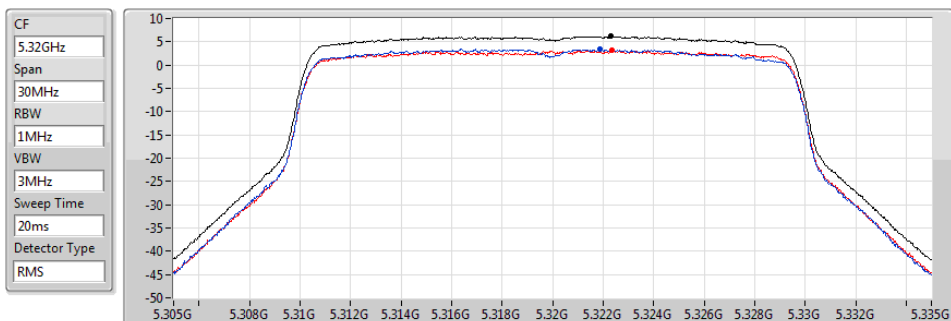


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

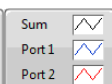
PSD

5320MHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.19	6.19	3.42	3.12

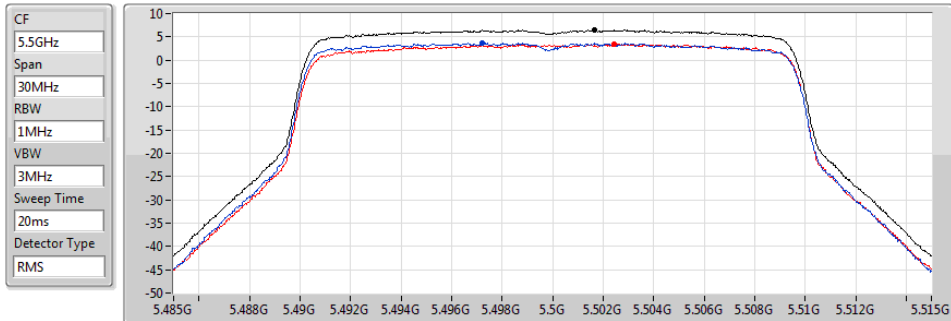


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

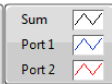
PSD

5500MHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.49	6.49	3.70	3.46

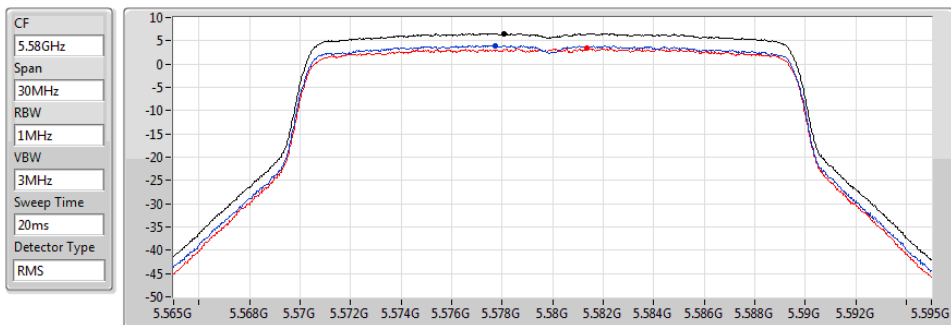


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

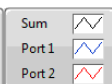
PSD

5580MHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.59	6.59	4.01	3.45

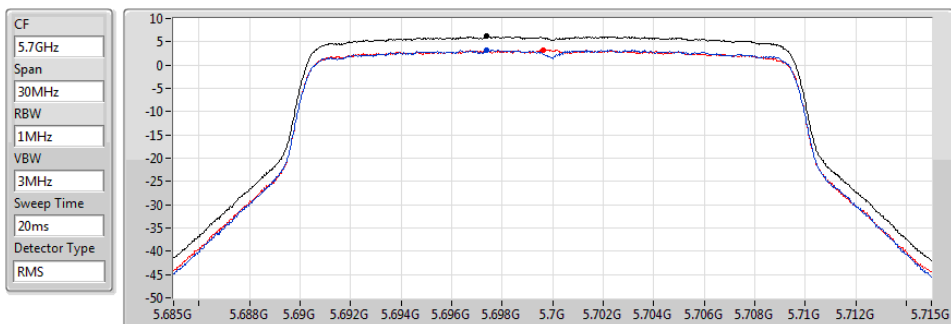


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

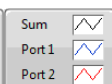
PSD

5700MHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.19	6.19	3.26	3.29

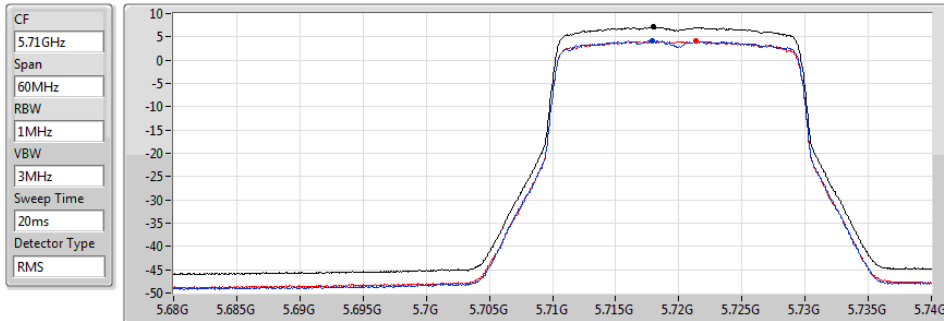


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

06/08/2019



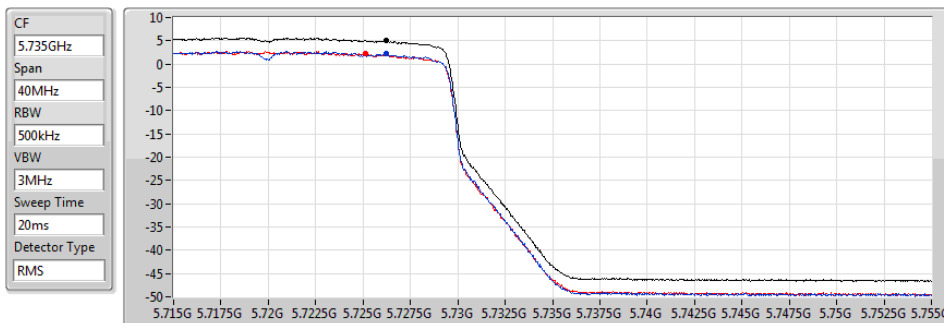
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.10	7.10	4.21	4.16

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

06/08/2019



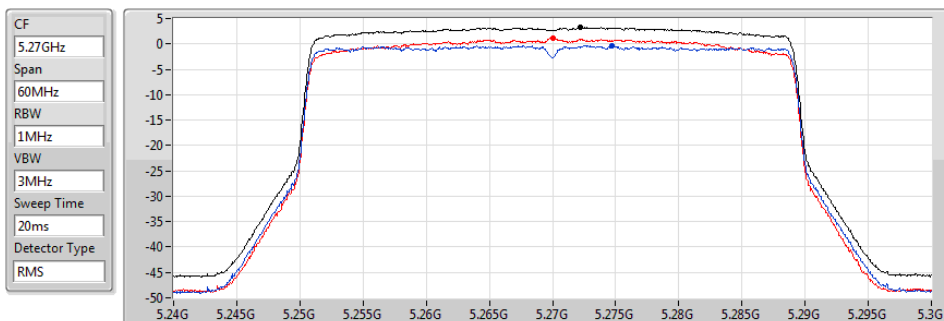
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.10	5.10	2.16	2.17

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

06/08/2019



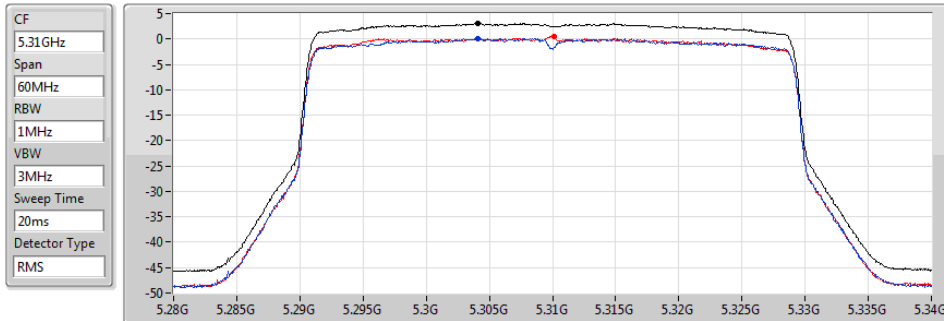
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.24	3.24	-0.31	1.19

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

06/08/2019



Sum
Port 1
Port 2

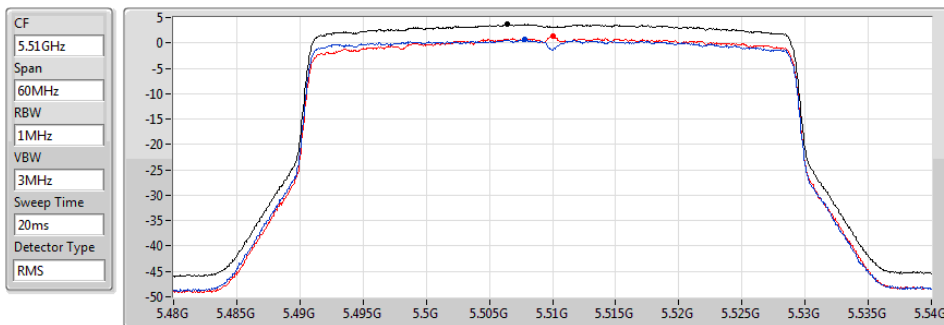
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.14	3.14	0.16	0.43

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

06/08/2019



Sum
Port 1
Port 2

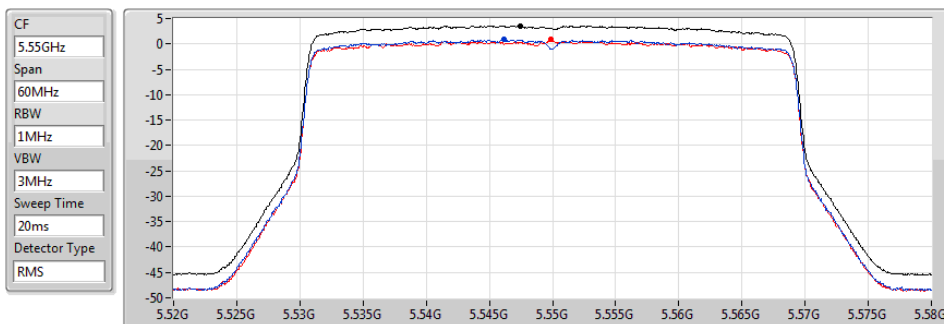
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.63	3.63	0.60	1.26

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

06/08/2019



Sum
Port 1
Port 2

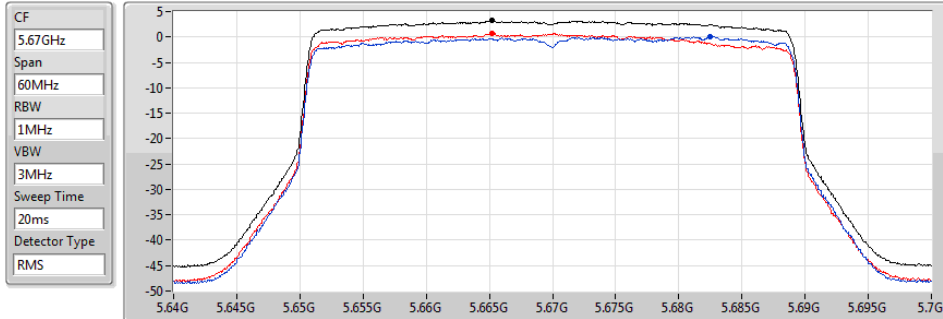
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.56	3.56	0.88	0.85

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

06/08/2019



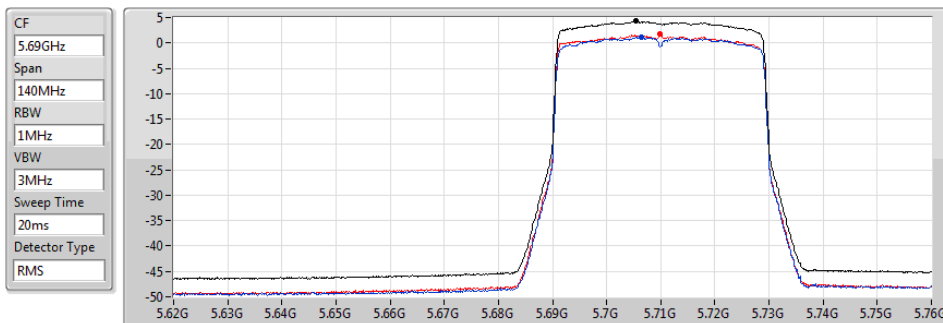
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.25	3.25	0.04	0.72

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

06/08/2019



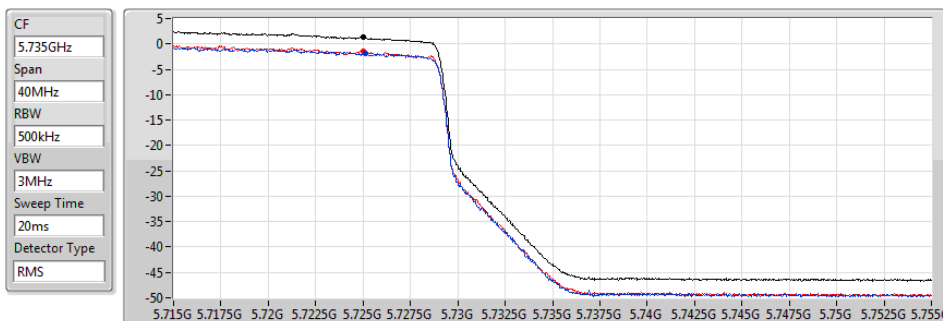
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.25	4.25	1.12	1.69

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

06/08/2019



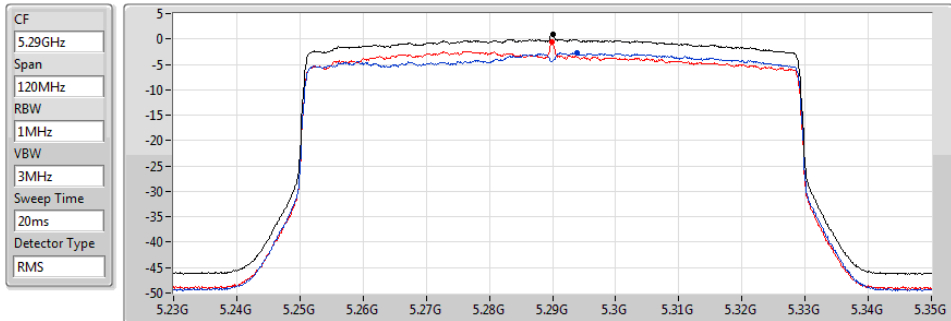
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.26	1.26	-1.89	-1.54

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

06/08/2019



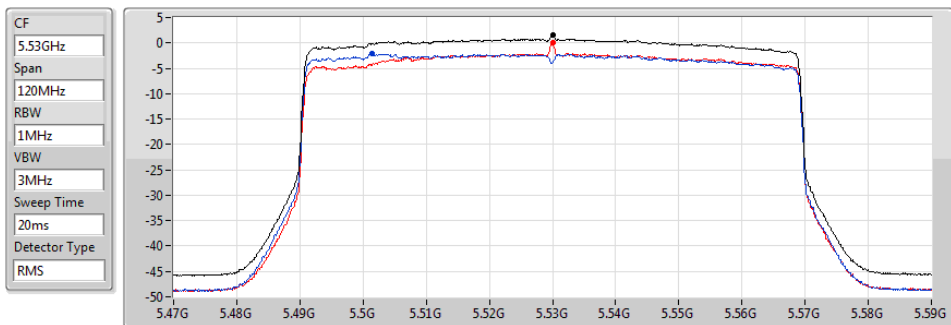
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.88	0.88	-2.80	-0.65

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

06/08/2019



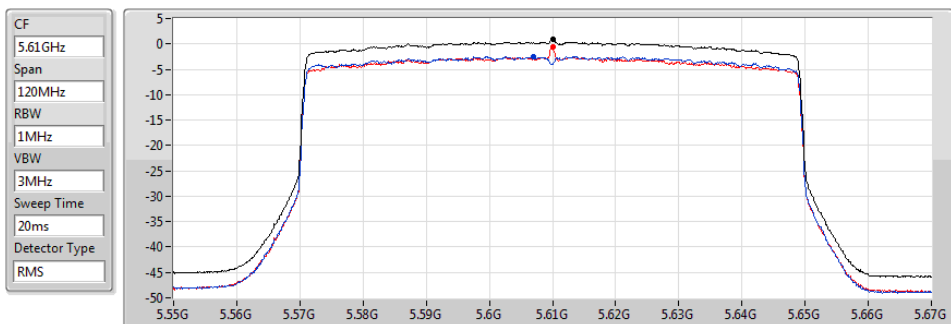
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.48	1.48	-2.19	-0.04

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

06/08/2019



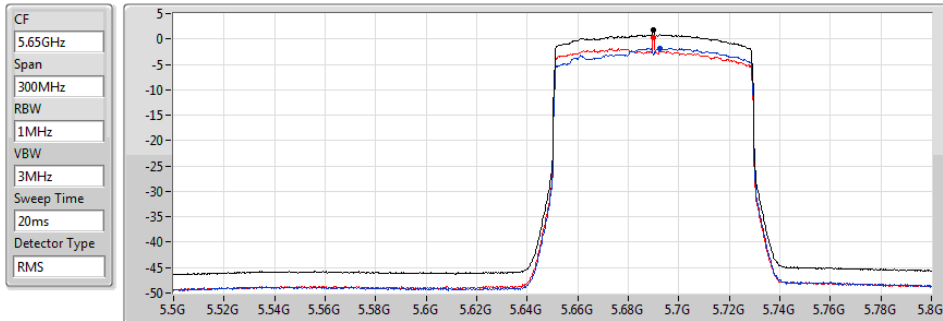
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.01	1.01	-2.52	-0.63

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.84	1.84	-1.79	0.19

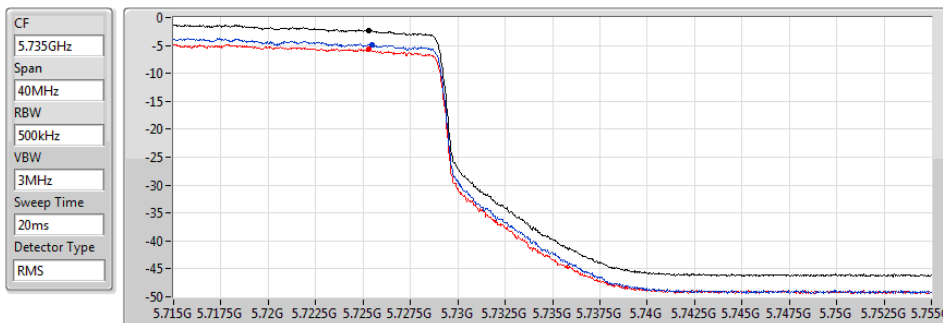
Sum
Port 1
Port 2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.34	-2.34	-4.89	-5.76

Sum
Port 1
Port 2

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	5.18
802.11ax HEW20_Nss1,(MCS0)_4TX	5.24
802.11ax HEW40_Nss1,(MCS0)_4TX	5.06
802.11ax HEW80_Nss1,(MCS0)_4TX	5.20
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	5.27
802.11ax HEW20_Nss1,(MCS0)_4TX	5.26
802.11ax HEW40_Nss1,(MCS0)_4TX	5.19
802.11ax HEW80_Nss1,(MCS0)_4TX	5.19
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	3.11
802.11ax HEW20_Nss1,(MCS0)_4TX	3.02
802.11ax HEW40_Nss1,(MCS0)_4TX	2.05
802.11ax HEW80_Nss1,(MCS0)_4TX	0.78

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	-	-	-	-	-	-	-	-
5260MHz	Pass	11.70	-1.28	-1.17	-0.69	-0.04	5.03	5.30
5300MHz	Pass	11.70	-1.02	-1.19	-0.91	0.01	5.04	5.30
5320MHz	Pass	11.70	-1.00	-1.00	-0.72	0.07	5.18	5.30
5500MHz	Pass	11.70	-1.43	-0.87	-0.39	0.03	5.15	5.30
5580MHz	Pass	11.70	-0.65	-0.85	-0.38	-0.01	5.27	5.30
5700MHz	Pass	11.70	-0.74	-0.64	-0.22	-0.12	5.16	5.30
5720MHz Straddle 5.47-5.725GHz	Pass	11.70	-0.83	-0.87	-0.47	-0.02	5.09	5.30
5720MHz Straddle 5.725-5.85GHz	Pass	11.70	-3.88	-2.95	-2.39	-2.46	3.11	24.30
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.70	-1.43	-1.10	-0.16	0.07	5.24	5.30
5300MHz	Pass	11.70	-1.47	-0.95	-0.42	0.21	5.23	5.30
5320MHz	Pass	11.70	-0.99	-1.26	-0.87	-0.10	5.13	5.30
5500MHz	Pass	11.70	-0.99	-1.25	-0.29	-0.23	5.21	5.30
5580MHz	Pass	11.70	-1.06	-0.86	-0.45	0.14	5.26	5.30
5700MHz	Pass	11.70	-0.83	-1.15	-0.02	-0.08	5.19	5.30
5720MHz Straddle 5.47-5.725GHz	Pass	11.70	-0.81	-0.81	-0.04	-0.15	5.19	5.30
5720MHz Straddle 5.725-5.85GHz	Pass	11.70	-2.91	-3.38	-2.77	-2.15	3.02	24.30
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.70	-1.59	-1.18	-0.54	-0.06	5.06	5.30
5310MHz	Pass	11.70	-1.35	-1.38	-0.39	-0.06	5.03	5.30
5510MHz	Pass	11.70	-1.43	-1.34	-0.62	-0.21	4.93	5.30
5550MHz	Pass	11.70	-1.31	-1.17	-0.05	-0.14	5.07	5.30
5670MHz	Pass	11.70	-1.40	-1.20	-0.16	-0.37	4.92	5.30
5710MHz Straddle 5.47-5.725GHz	Pass	11.70	-1.20	-0.95	-0.03	-0.10	5.19	5.30
5710MHz Straddle 5.725-5.85GHz	Pass	11.70	-4.13	-4.45	-3.87	-3.19	2.05	24.30
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.70	-1.19	-1.16	-0.50	0.33	5.20	5.30
5530MHz	Pass	11.70	-1.13	-0.97	0.00	-0.06	5.19	5.30
5610MHz	Pass	11.70	-0.87	-0.87	0.04	-0.05	5.15	5.30
5690MHz Straddle 5.47-5.725GHz	Pass	11.70	-1.52	-1.11	-0.58	-0.62	4.75	5.30
5690MHz Straddle 5.725-5.85GHz	Pass	11.70	-5.14	-5.77	-5.27	-4.48	0.78	24.30

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

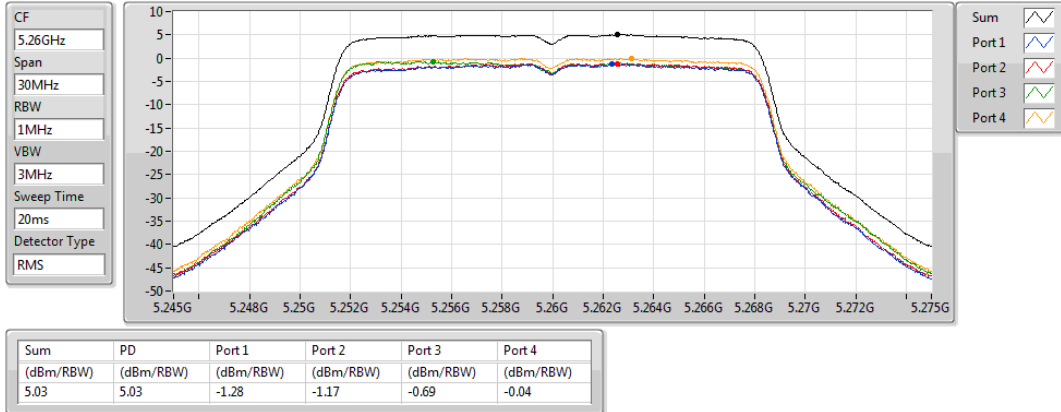
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

31/07/2019

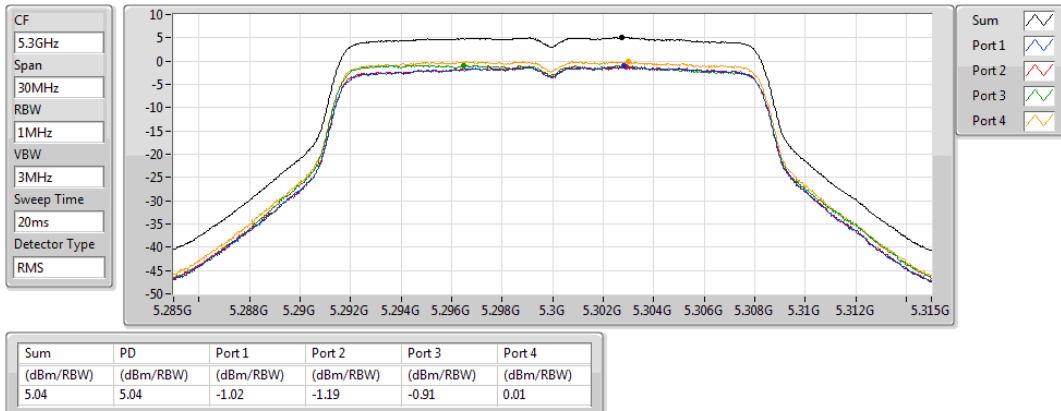


802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

31/07/2019

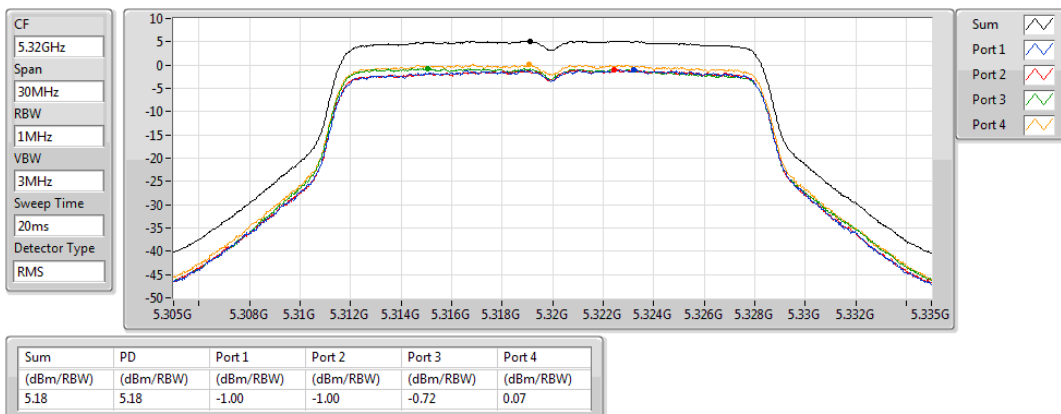


802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

31/07/2019

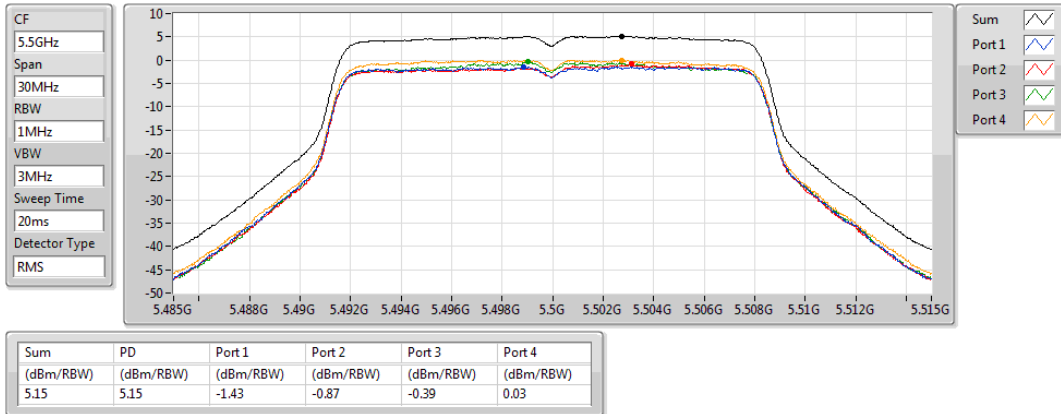


802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

31/07/2019

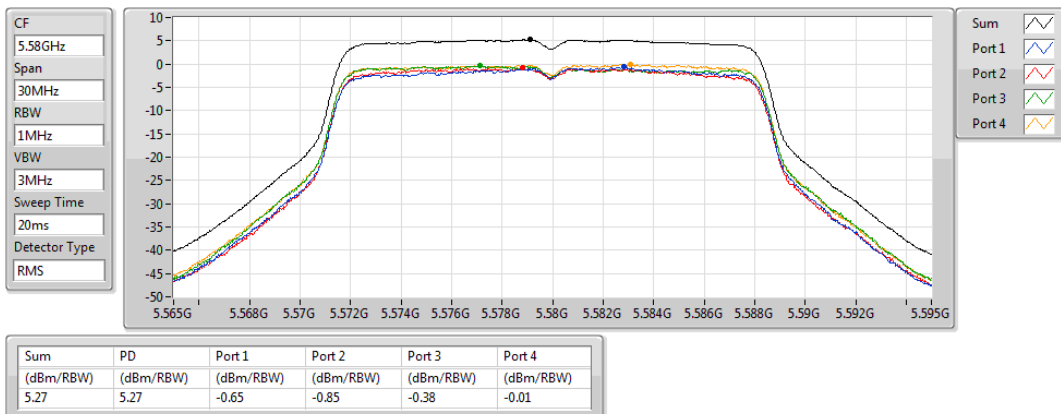


802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

31/07/2019

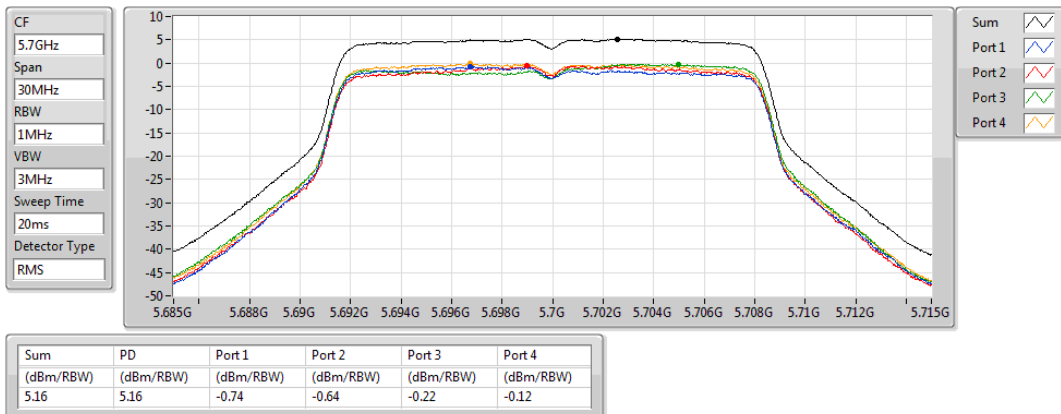


802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

31/07/2019

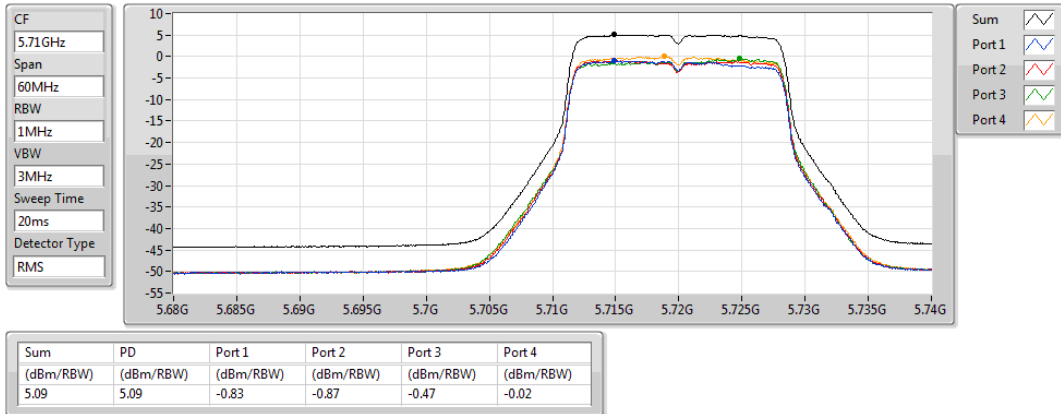


802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

31/07/2019

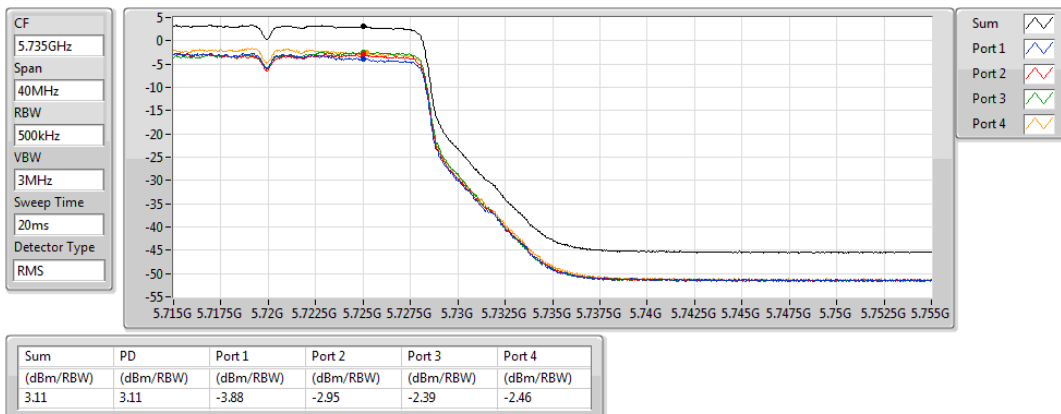


802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

31/07/2019

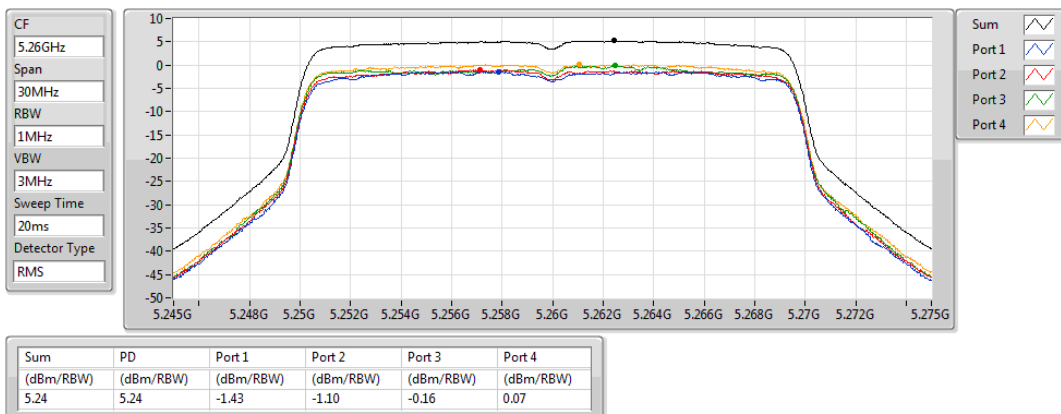


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

01/08/2019

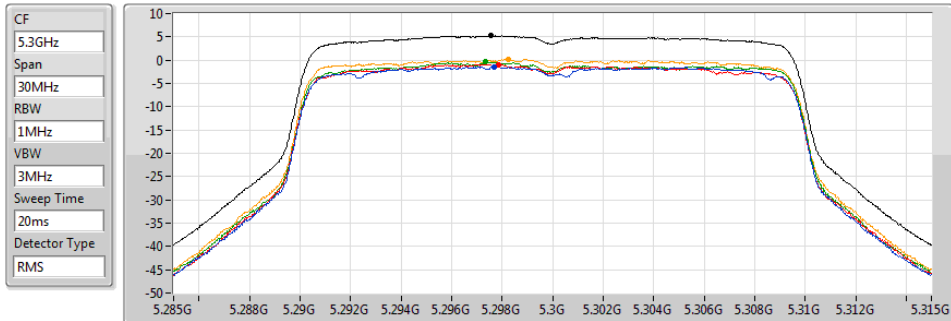


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

01/08/2019



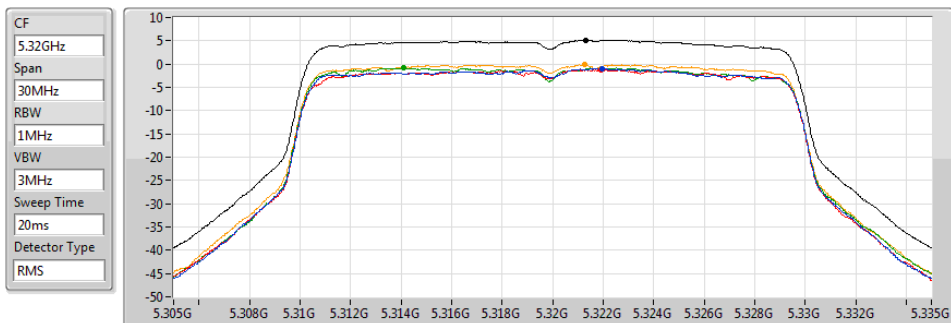
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.23	5.23	-1.47	-0.95	-0.42	0.21

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

01/08/2019



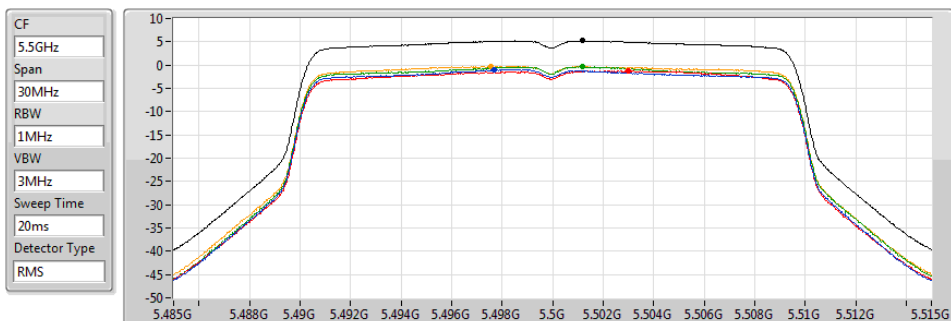
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.13	5.13	-0.99	-1.26	-0.87	-0.10

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

01/08/2019



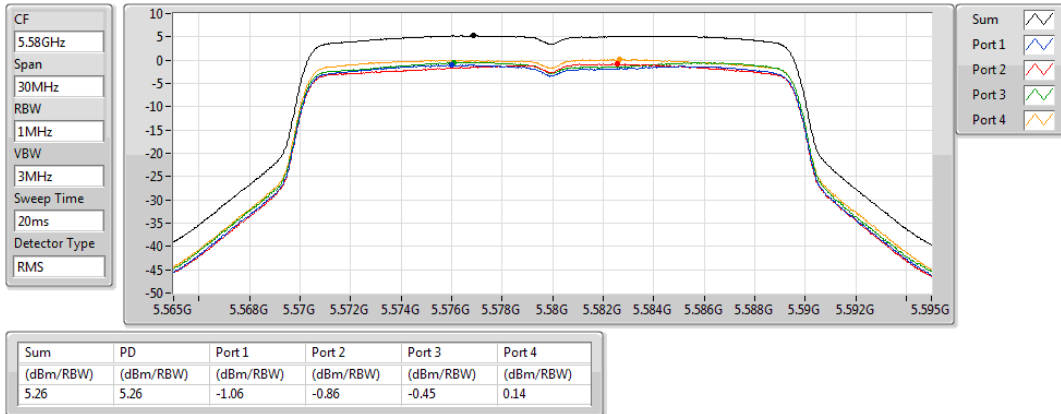
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.21	5.21	-0.99	-1.25	-0.29	-0.23

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

01/08/2019

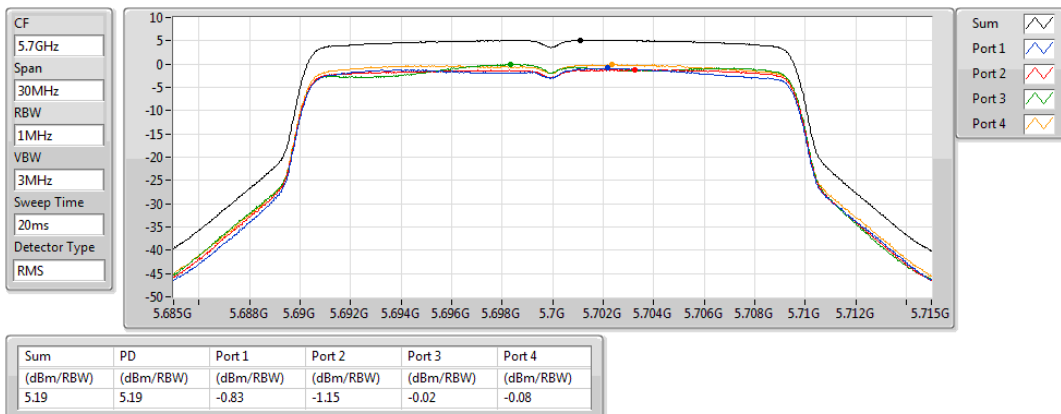


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

01/08/2019

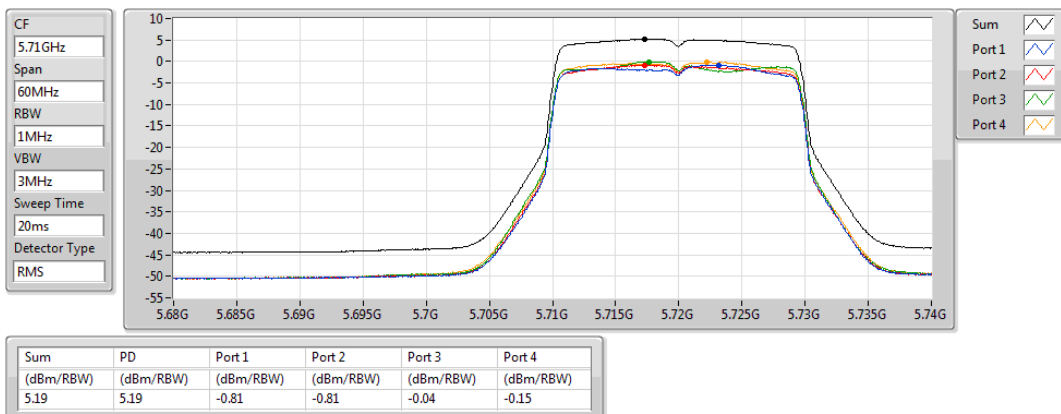


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

01/08/2019

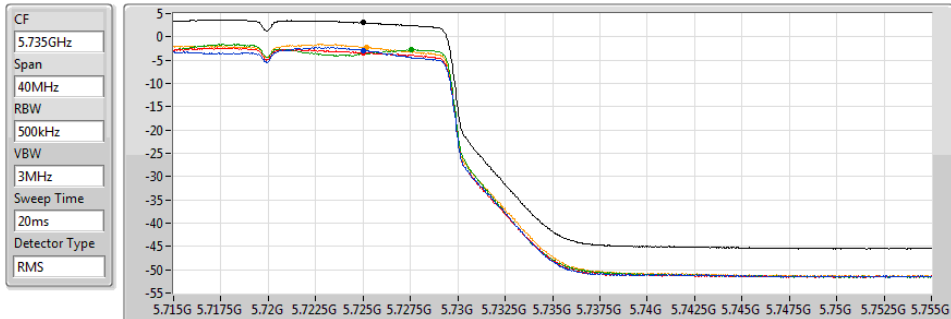


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

01/08/2019



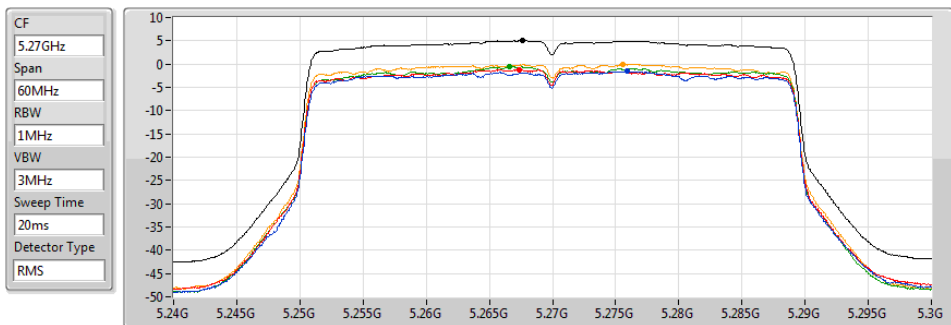
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.02	3.02	-2.91	-3.38	-2.77	-2.15

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

01/08/2019



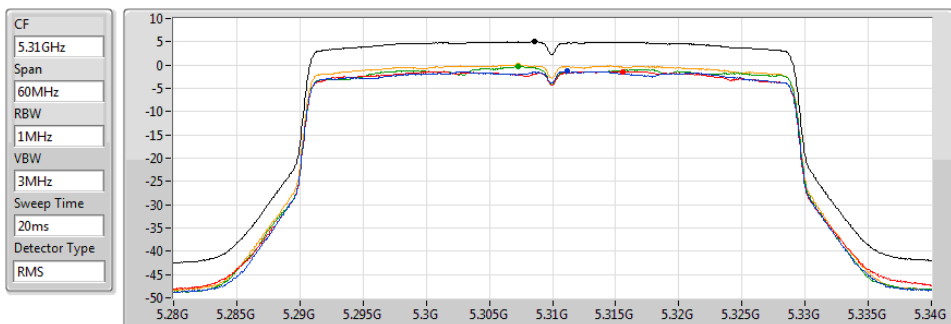
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.06	5.06	-1.59	-1.18	-0.54	-0.06

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

01/08/2019



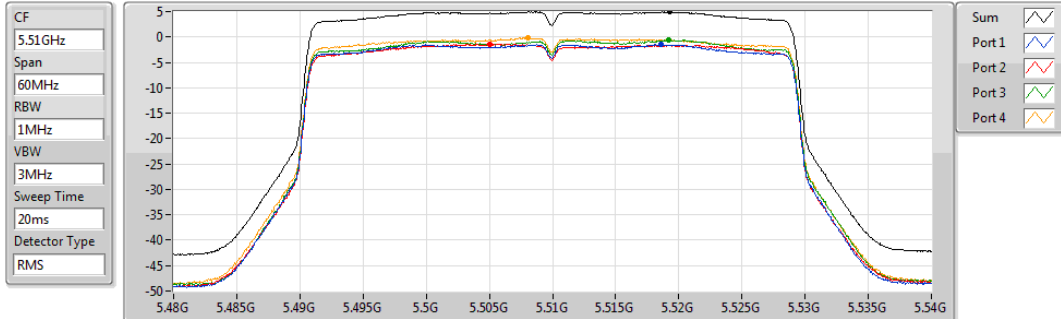
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.03	5.03	-1.35	-1.38	-0.39	-0.06

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

01/08/2019



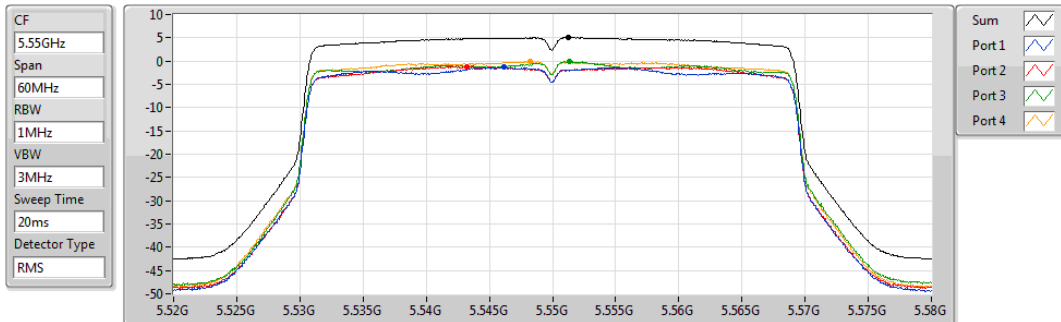
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.93	4.93	-1.43	-1.34	-0.62	-0.21

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

01/08/2019



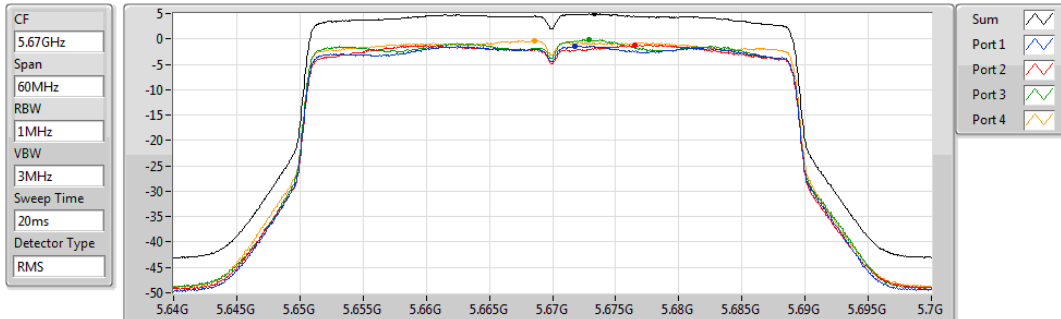
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.07	5.07	-1.31	-1.17	-0.05	-0.14

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

01/08/2019



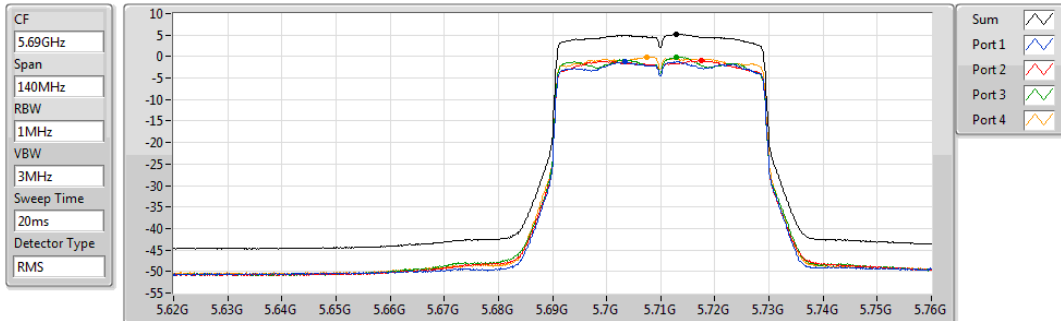
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.92	4.92	-1.40	-1.20	-0.16	-0.37

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

01/08/2019



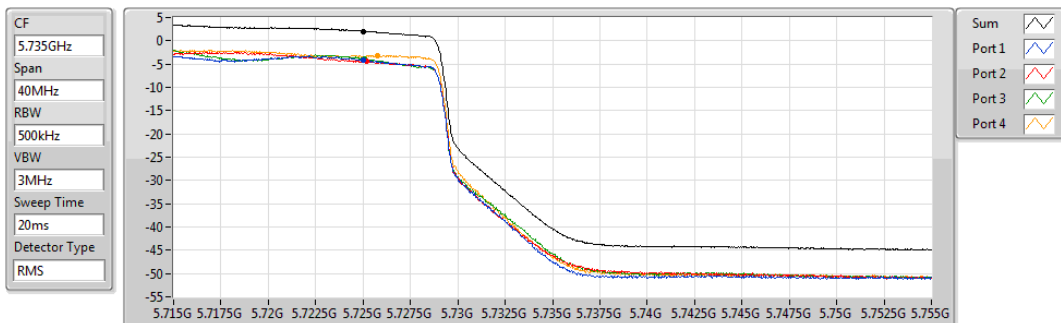
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.19	5.19	-1.20	-0.95	-0.03	-0.10

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

01/08/2019



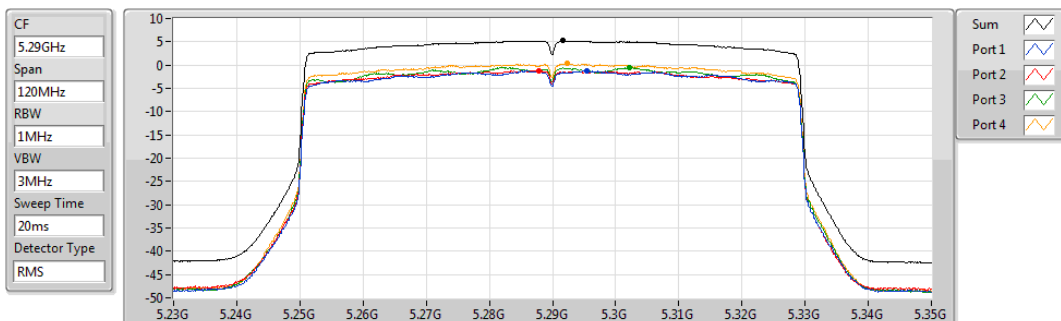
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.05	2.05	-4.13	-4.45	-3.87	-3.19

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

01/08/2019



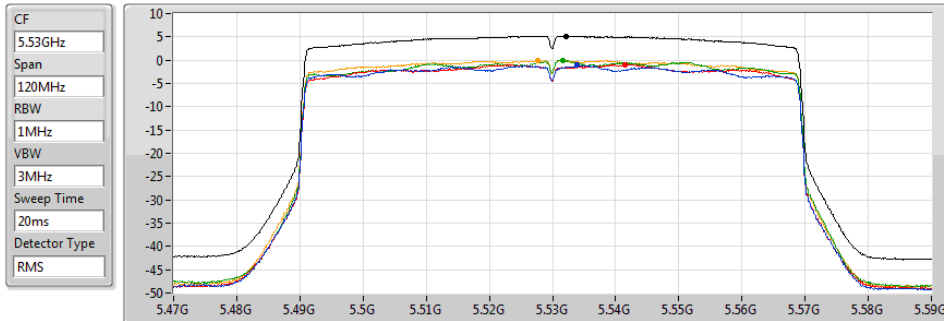
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.20	5.20	-1.19	-1.16	-0.50	0.33

802.11ax HEW80_Nss1,(MCS0)_4TX

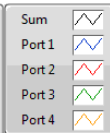
PSD

5530MHz

01/08/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.19	5.19	-1.13	-0.97	0.00	-0.06

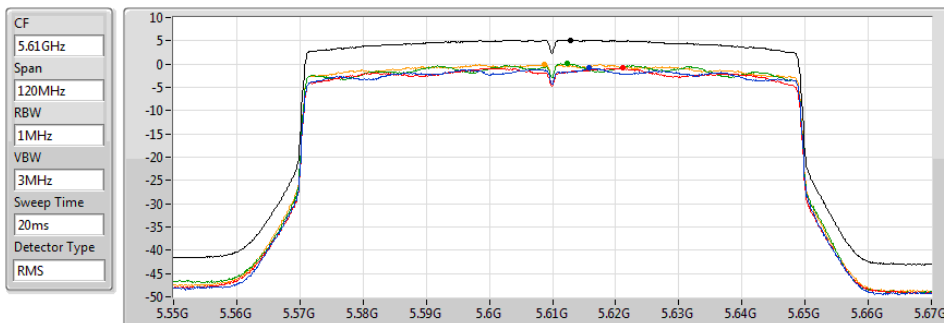


802.11ax HEW80_Nss1,(MCS0)_4TX

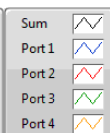
PSD

5610MHz

01/08/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.15	5.15	-0.87	-0.87	0.04	-0.05

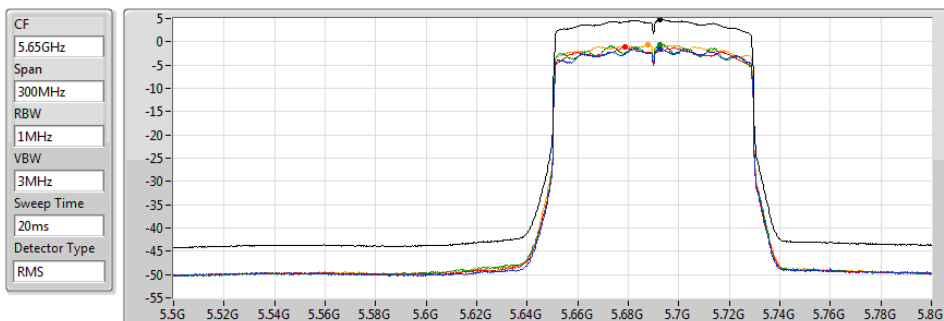


802.11ax HEW80_Nss1,(MCS0)_4TX

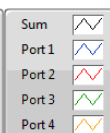
PSD

5690MHz Straddle 5.47-5.725GHz

01/08/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.75	4.75	-1.52	-1.11	-0.58	-0.62

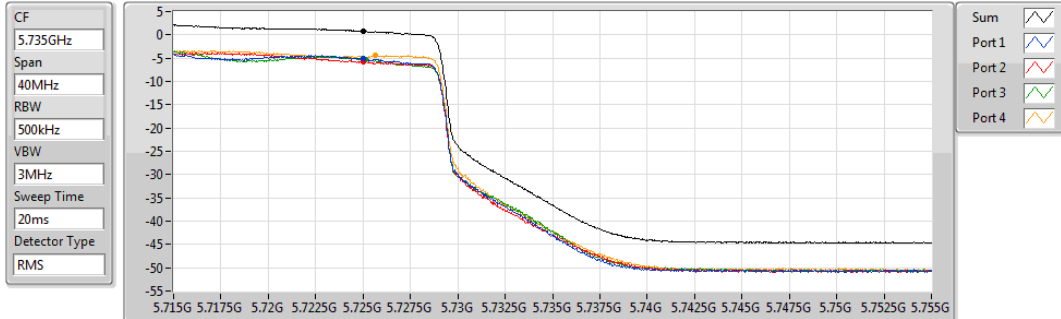


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

01/08/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.78	0.78	-5.14	-5.77	-5.27	-4.48

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.24
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	1.17
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-2.11
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.35
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	2.01
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.19
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	2.26
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-0.55
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-5.72

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	-	-	-	-	-	-	-	-
5260MHz	Pass	11.70	-2.05	-2.01	-1.63	-1.23	4.15	5.30
5300MHz	Pass	11.70	-1.53	-2.29	-1.85	-1.46	4.10	5.30
5320MHz	Pass	11.70	-1.55	-2.08	-1.57	-1.18	4.24	5.30
5500MHz	Pass	11.70	-1.86	-1.70	-0.46	-1.02	4.17	5.30
5580MHz	Pass	11.70	-2.07	-1.58	-1.61	-1.18	4.11	5.30
5700MHz	Pass	11.70	-1.40	-1.45	-1.67	-0.84	4.35	5.30
5720MHz Straddle 5.47-5.725GHz	Pass	11.70	-1.73	-1.84	-2.07	-1.09	4.10	5.30
5720MHz Straddle 5.725-5.85GHz	Pass	11.70	-3.71	-3.83	-4.21	-2.54	2.26	24.30
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.70	-5.28	-5.15	-4.60	-4.09	1.17	5.30
5310MHz	Pass	11.70	-4.89	-5.57	-4.97	-4.05	1.09	5.30
5510MHz	Pass	11.70	-5.03	-4.88	-3.82	-4.56	1.06	5.30
5550MHz	Pass	11.70	-4.53	-4.66	-4.93	-4.67	0.77	5.30
5670MHz	Pass	11.70	-2.14	-4.94	-5.57	-3.60	1.96	5.30
5710MHz Straddle 5.47-5.725GHz	Pass	11.70	-4.01	-3.68	-3.83	-2.79	2.01	5.30
5710MHz Straddle 5.725-5.85GHz	Pass	11.70	-6.60	-6.92	-7.11	-5.51	-0.55	24.30
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.70	-8.27	-8.45	-6.29	-7.45	-2.11	5.30
5530MHz	Pass	11.70	-8.25	-7.70	-4.75	-7.34	-1.31	5.30
5610MHz	Pass	11.70	-7.87	-8.26	-8.07	-7.43	-2.05	5.30
5690MHz Straddle 5.47-5.725GHz	Pass	11.70	-7.75	-7.87	-5.55	-7.10	-1.19	5.30
5690MHz Straddle 5.725-5.85GHz	Pass	11.70	-11.31	-12.28	-12.20	-10.76	-5.72	24.30

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

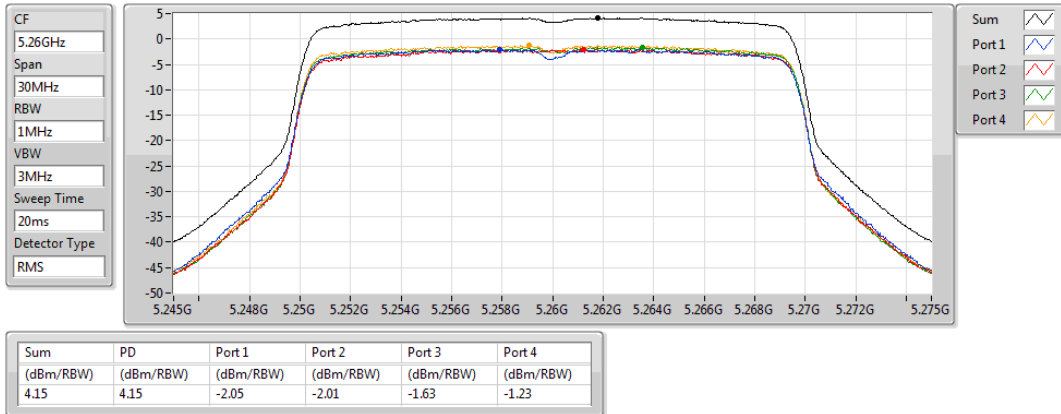
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

03/08/2019

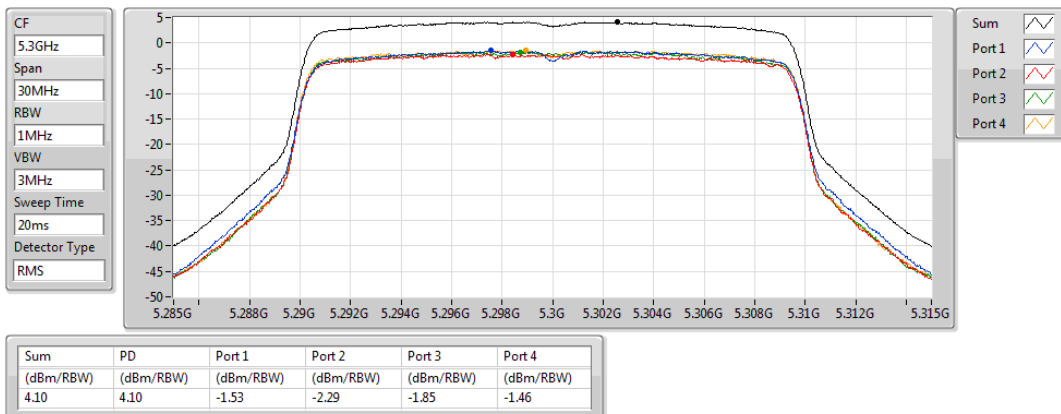


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

03/08/2019

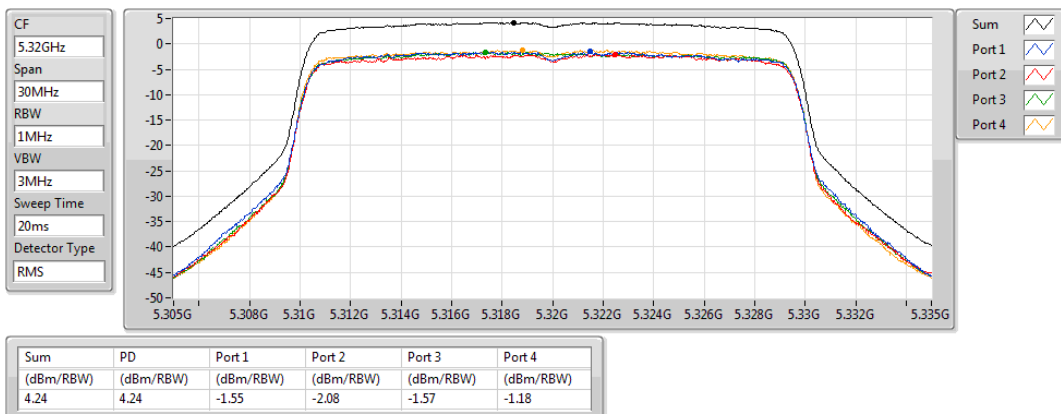


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

03/08/2019

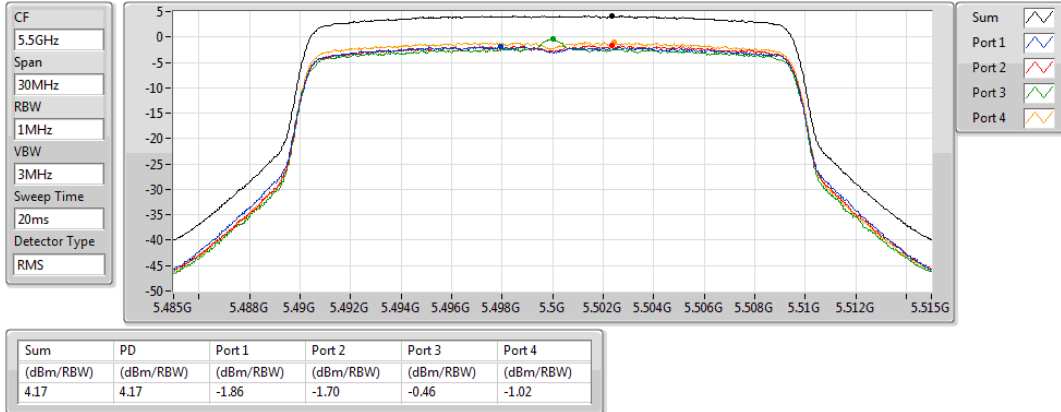


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

03/08/2019

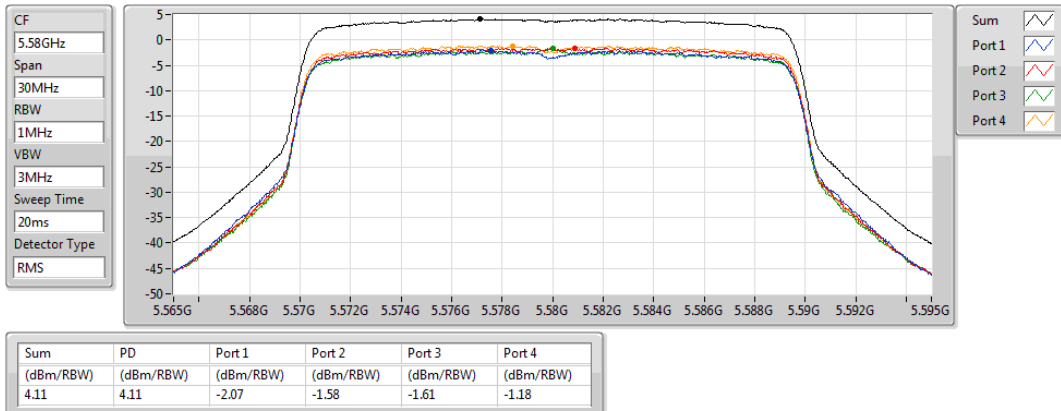


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

03/08/2019

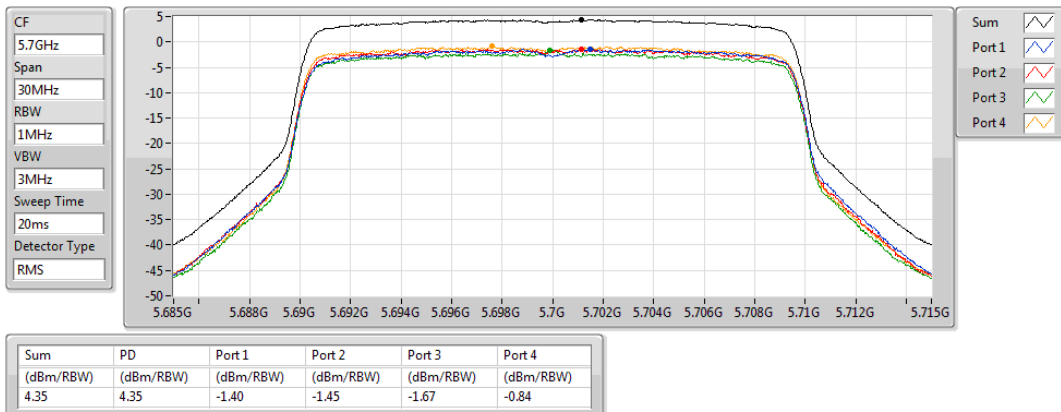


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

03/08/2019

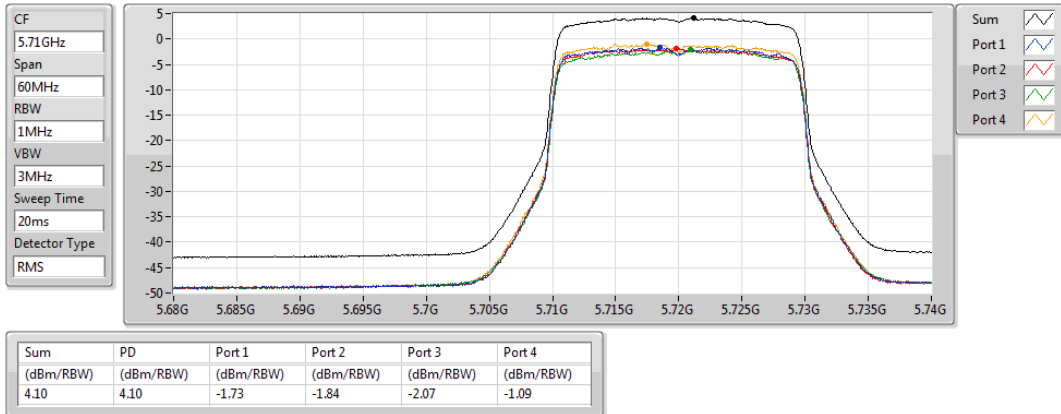


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

05/08/2019

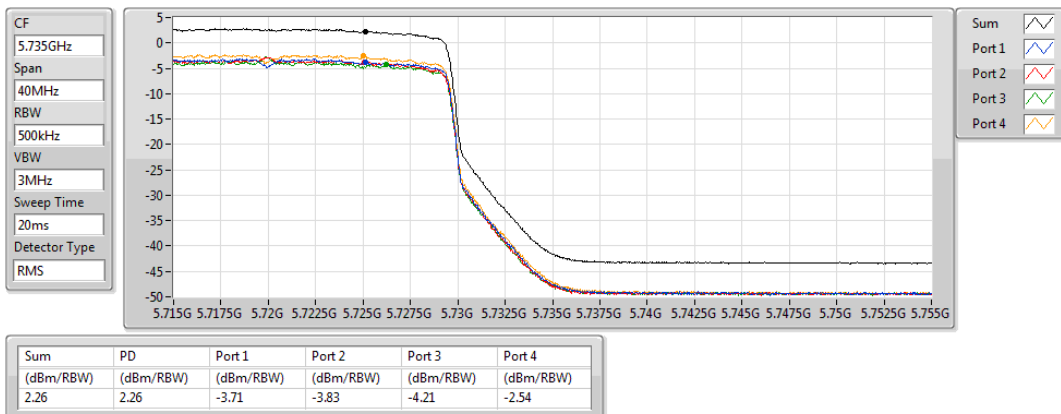


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

05/08/2019

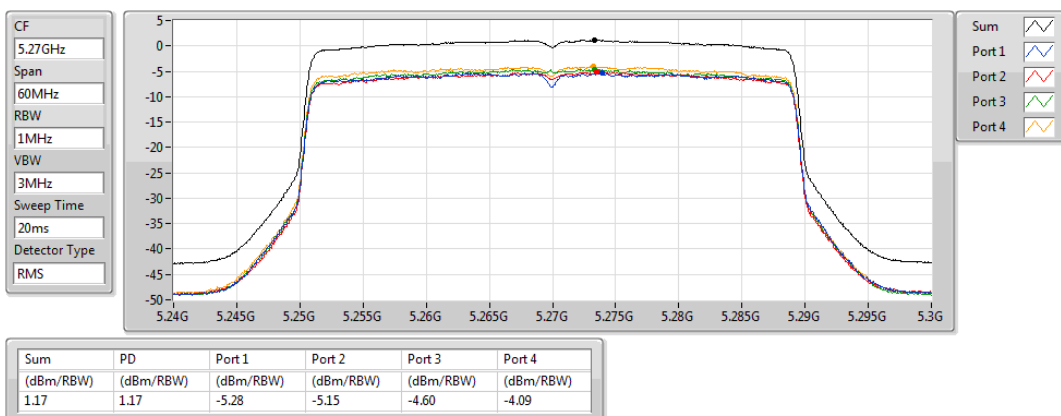


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz

PSD

05/08/2019

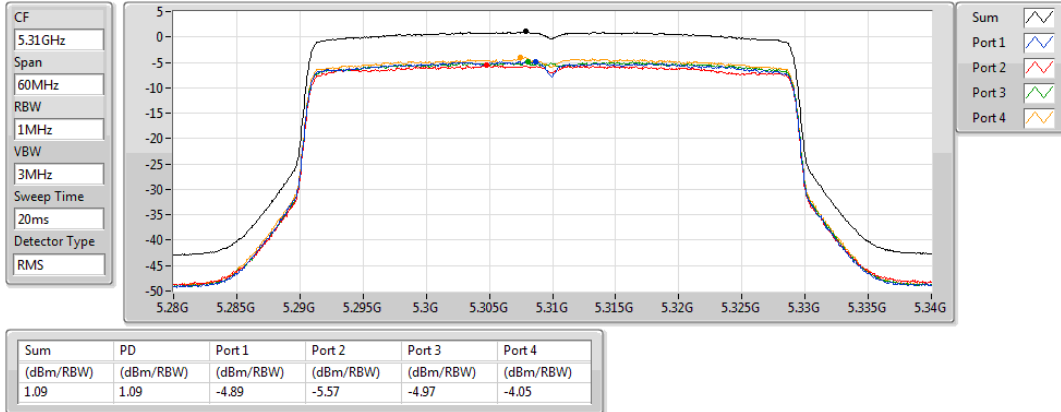


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

05/08/2019

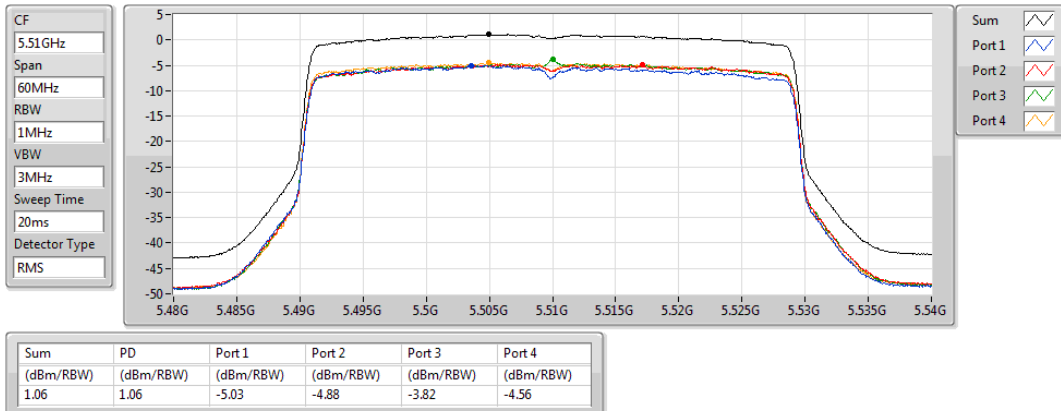


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

05/08/2019

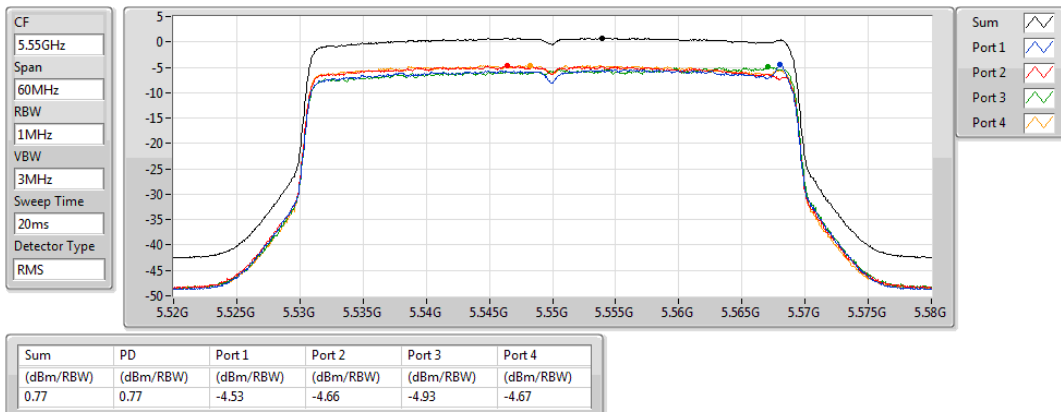


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

05/08/2019

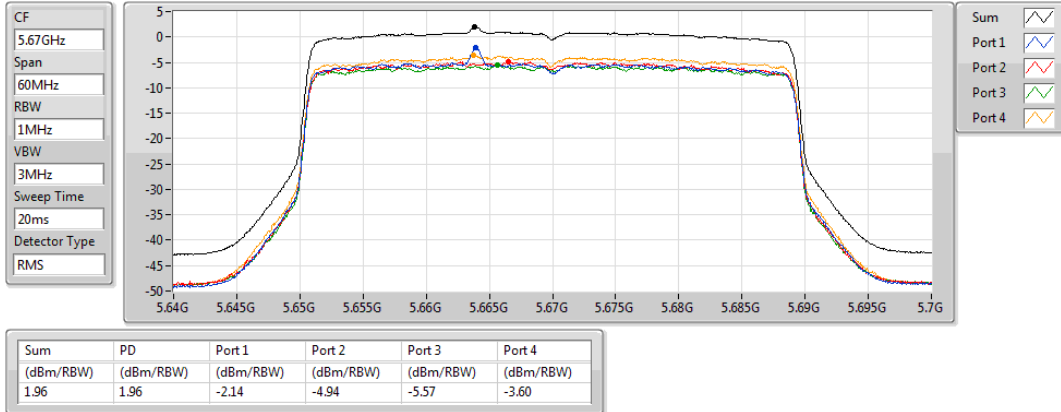


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

05/08/2019

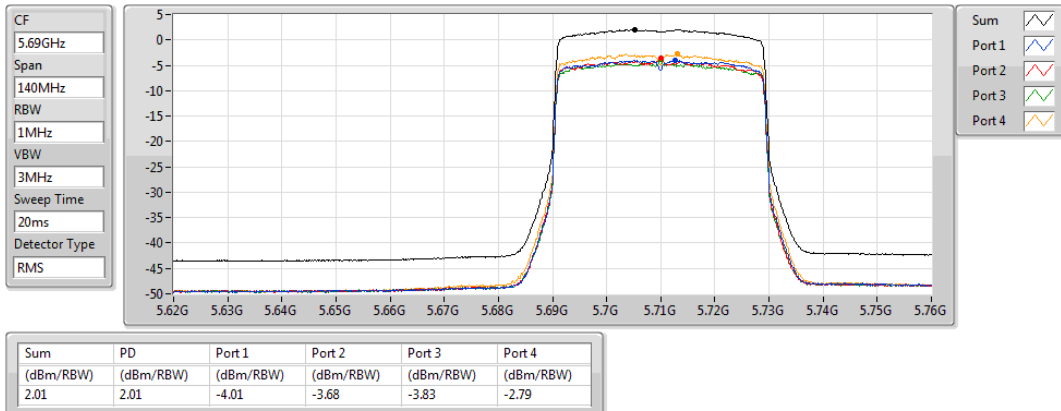


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

05/08/2019

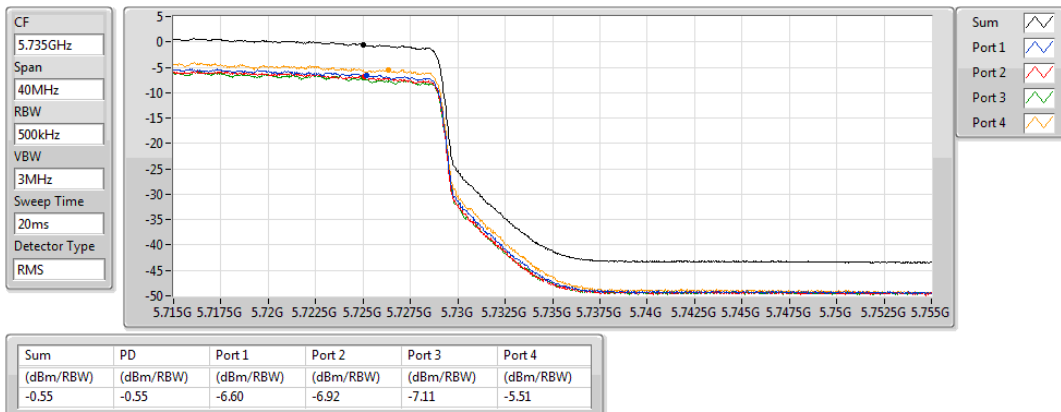


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

05/08/2019

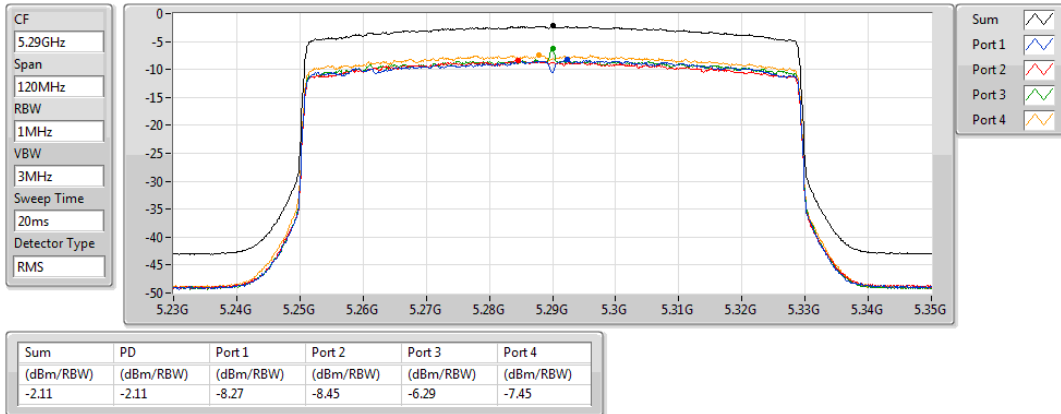


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

05/08/2019

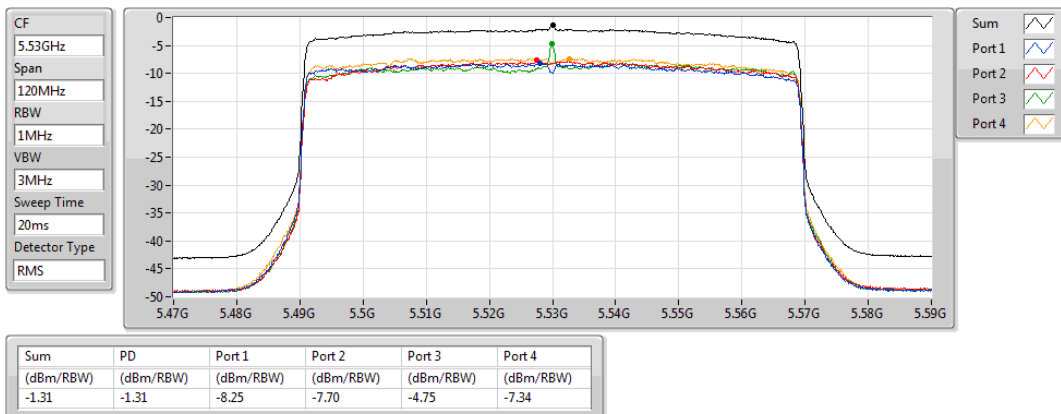


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

05/08/2019

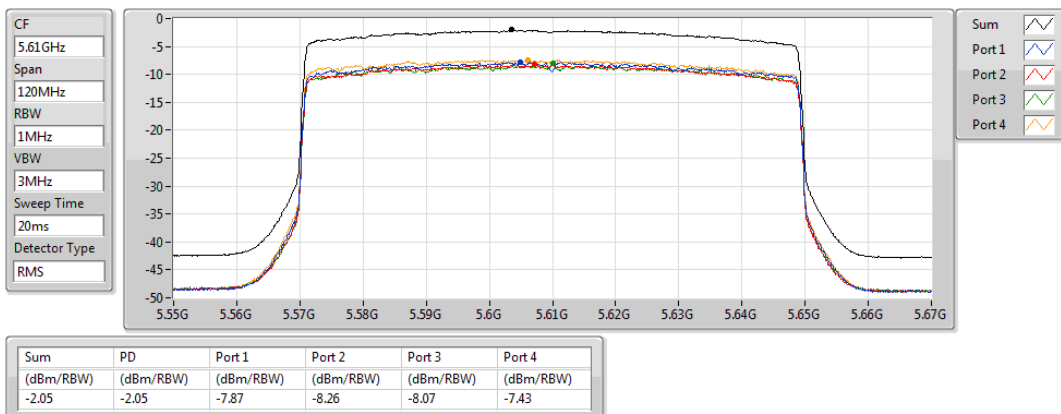


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

05/08/2019

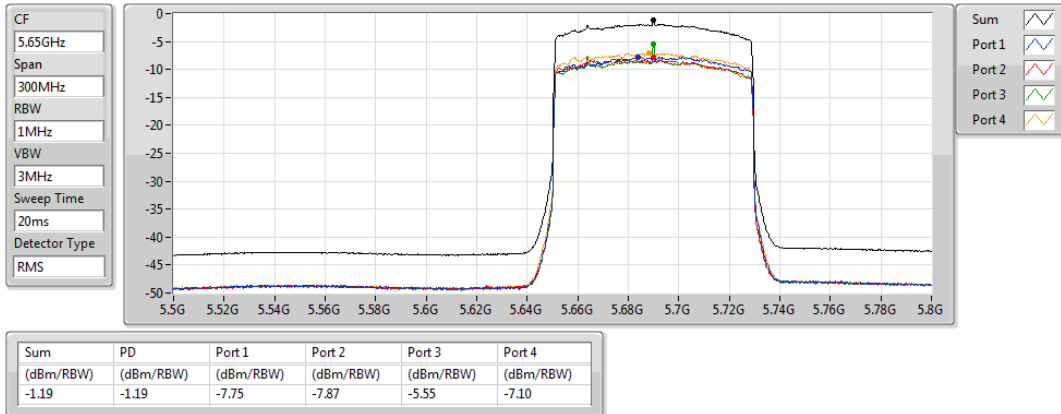


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

05/08/2019

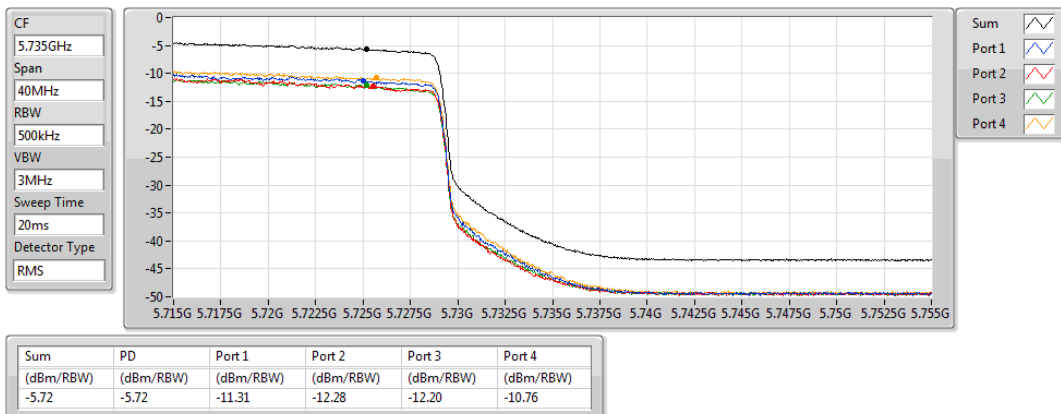


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

05/08/2019



Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.70
802.11ax HEW20_Nss1,(MCS0)_1TX	7.10
802.11ax HEW40_Nss1,(MCS0)_1TX	4.12
802.11ax HEW80_Nss1,(MCS0)_1TX	0.86
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.43
802.11ax HEW20_Nss1,(MCS0)_1TX	7.19
802.11ax HEW40_Nss1,(MCS0)_1TX	4.50
802.11ax HEW80_Nss1,(MCS0)_1TX	1.66
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	5.25
802.11ax HEW20_Nss1,(MCS0)_1TX	5.19
802.11ax HEW40_Nss1,(MCS0)_1TX	1.68
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.73

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	-	-	-	-	-
5260MHz	Pass	9.27	7.49	7.49	7.73
5300MHz	Pass	9.27	7.70	7.70	7.73
5320MHz	Pass	9.27	7.28	7.28	7.73
5500MHz	Pass	9.27	7.43	7.43	7.73
5580MHz	Pass	9.27	7.34	7.34	7.73
5700MHz	Pass	9.27	7.22	7.22	7.73
5720MHz Straddle 5.47-5.725GHz	Pass	9.27	7.43	7.43	7.73
5720MHz Straddle 5.725-5.85GHz	Pass	9.27	5.25	5.25	26.73
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	9.27	6.79	6.79	7.73
5300MHz	Pass	9.27	6.95	6.95	7.73
5320MHz	Pass	9.27	7.10	7.10	7.73
5500MHz	Pass	9.27	6.74	6.74	7.73
5580MHz	Pass	9.27	7.04	7.04	7.73
5700MHz	Pass	9.27	6.94	6.94	7.73
5720MHz Straddle 5.47-5.725GHz	Pass	9.27	7.19	7.19	7.73
5720MHz Straddle 5.725-5.85GHz	Pass	9.27	5.19	5.19	26.73
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	9.27	4.06	4.06	7.73
5310MHz	Pass	9.27	4.12	4.12	7.73
5510MHz	Pass	9.27	3.79	3.79	7.73
5550MHz	Pass	9.27	4.03	4.03	7.73
5670MHz	Pass	9.27	3.99	3.99	7.73
5710MHz Straddle 5.47-5.725GHz	Pass	9.27	4.50	4.50	7.73
5710MHz Straddle 5.725-5.85GHz	Pass	9.27	1.68	1.68	26.73
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	9.27	0.86	0.86	7.73
5530MHz	Pass	9.27	1.10	1.10	7.73
5610MHz	Pass	9.27	0.87	0.87	7.73
5690MHz Straddle 5.47-5.725GHz	Pass	9.27	1.66	1.66	7.73
5690MHz Straddle 5.725-5.85GHz	Pass	9.27	-1.73	-1.73	26.73

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

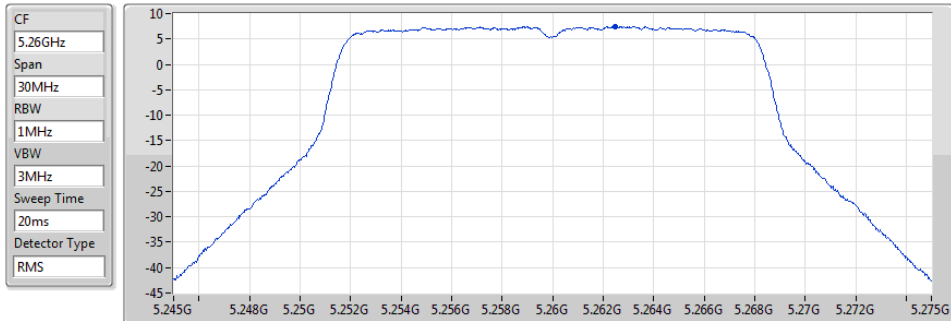
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

02/08/2019



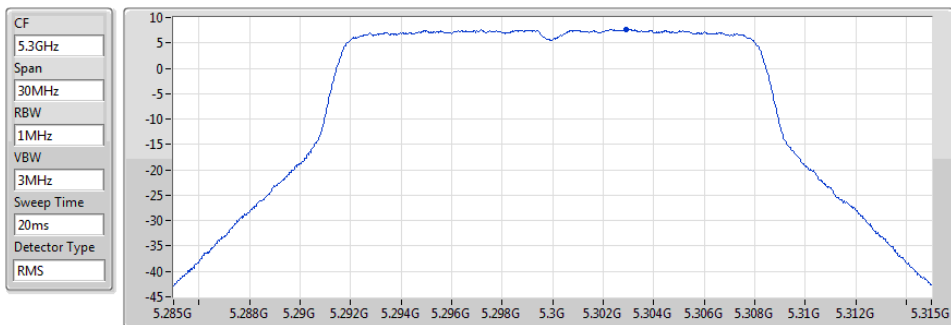
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.49	7.49	7.49

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

02/08/2019



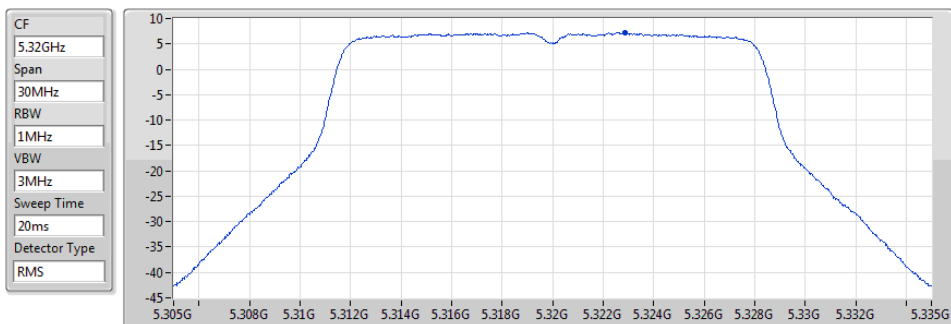
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.70	7.70	7.70

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

02/08/2019



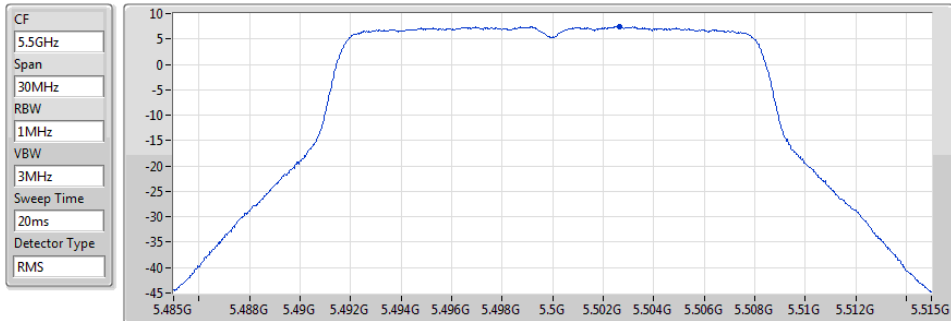
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.28	7.28	7.28

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

02/08/2019



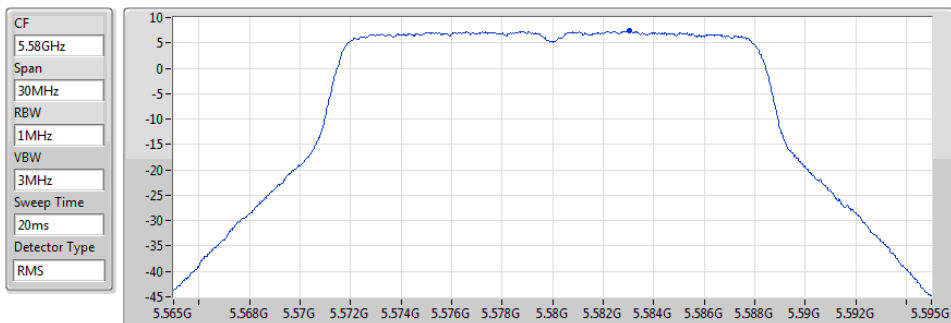
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.43	7.43	7.43

802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

02/08/2019



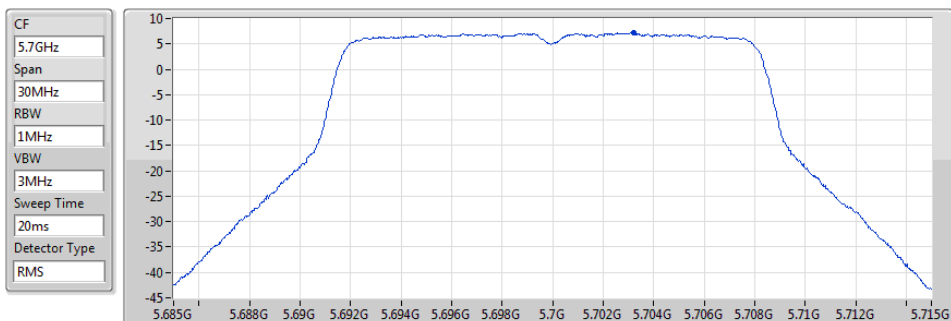
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.34	7.34	7.34

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

02/08/2019



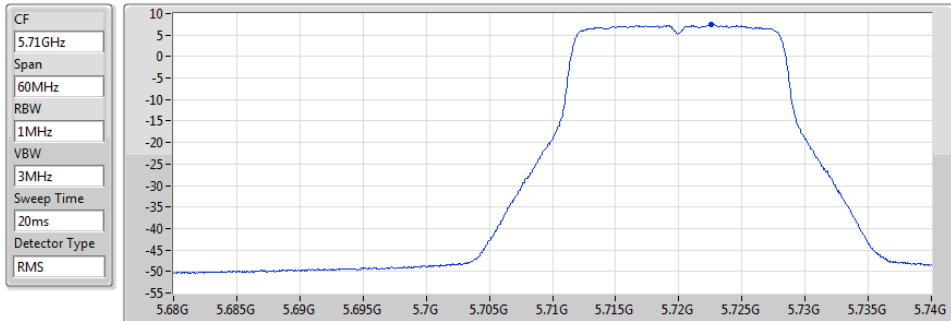
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.22	7.22	7.22

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

02/08/2019



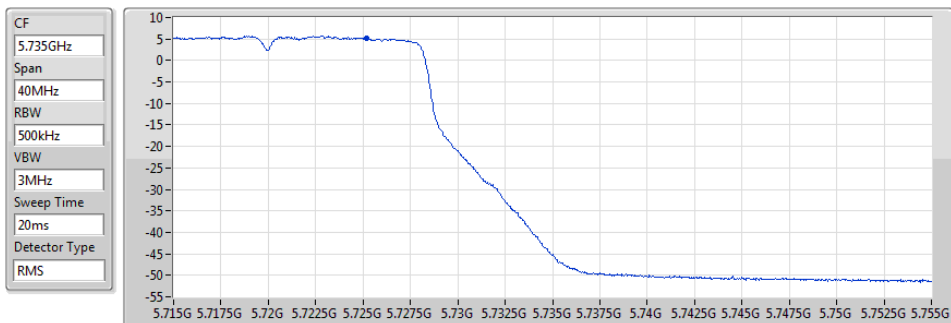
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.43	7.43	7.43

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

02/08/2019



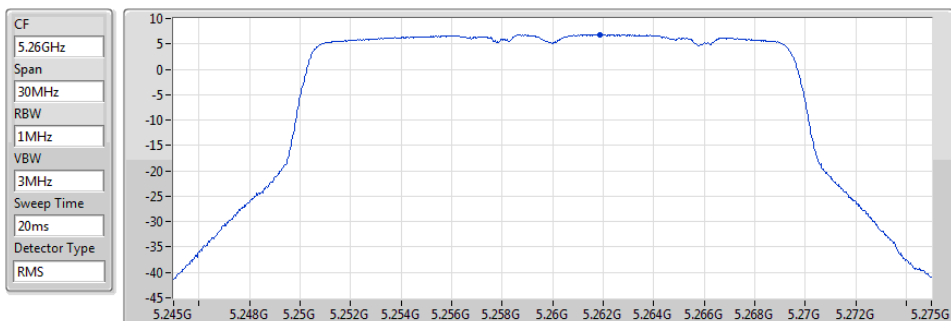
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.25	5.25	5.25

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

02/08/2019



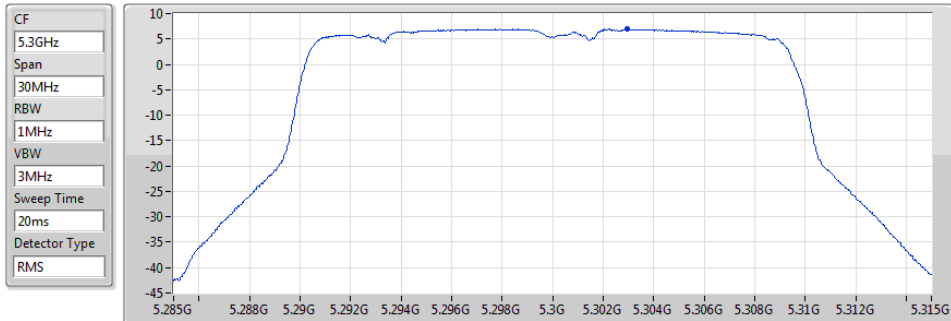
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.79	6.79	6.79

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

02/08/2019



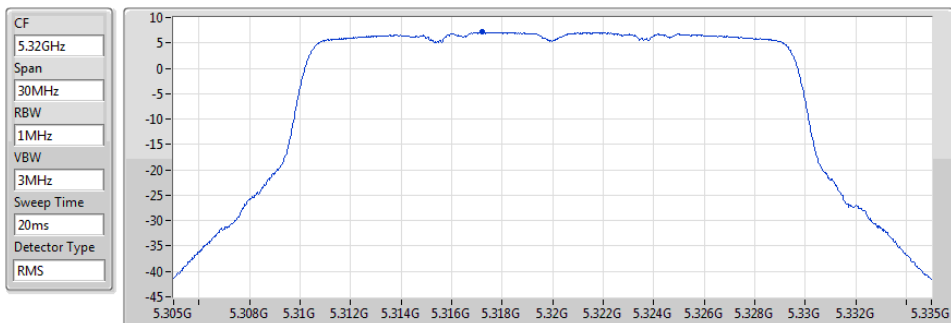
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.95	6.95	6.95

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

02/08/2019



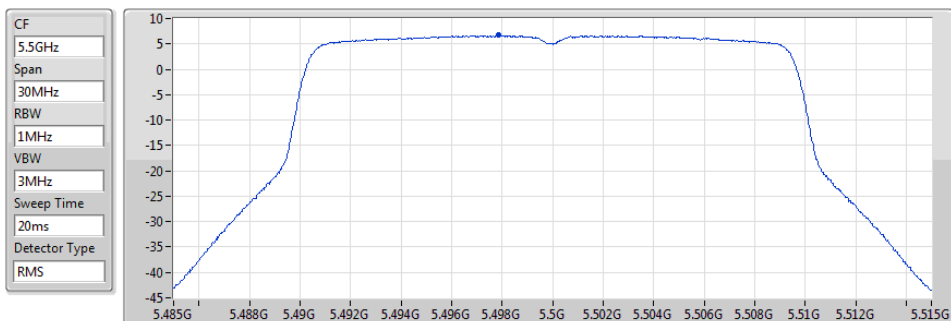
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.10	7.10	7.10

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

02/08/2019



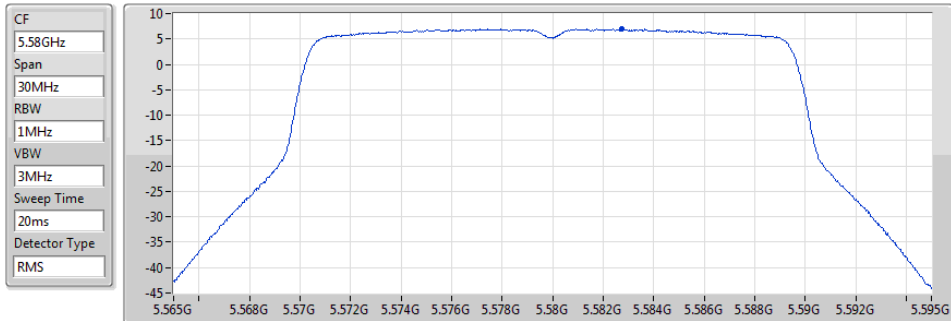
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.74	6.74	6.74

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

02/08/2019



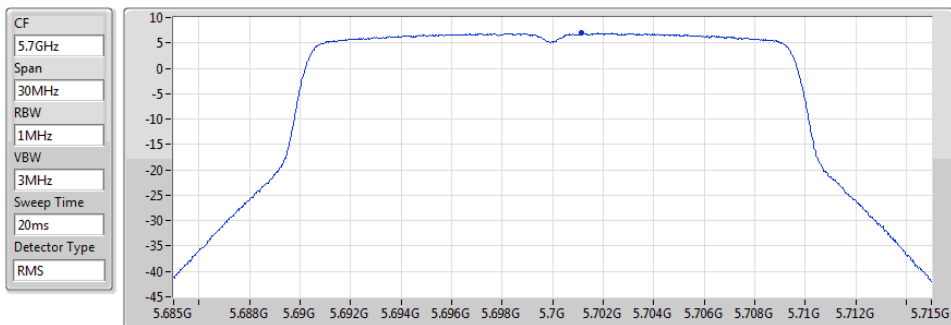
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.04	7.04	7.04

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

02/08/2019



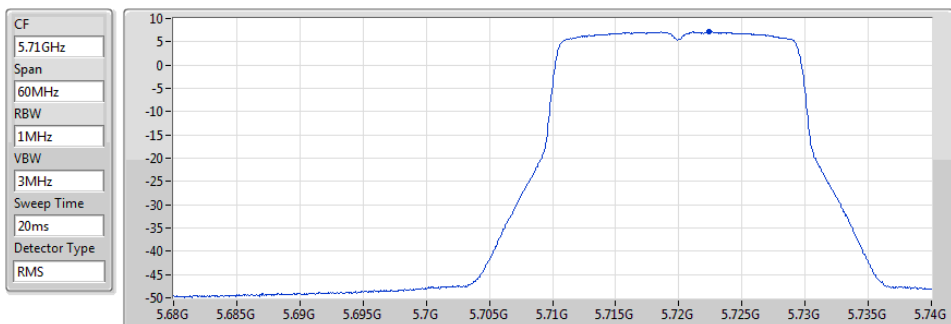
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.94	6.94	6.94

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

02/08/2019



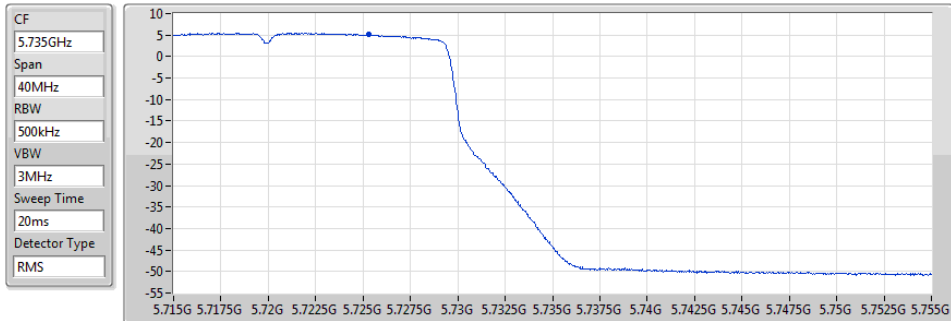
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.19	7.19	7.19

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

02/08/2019



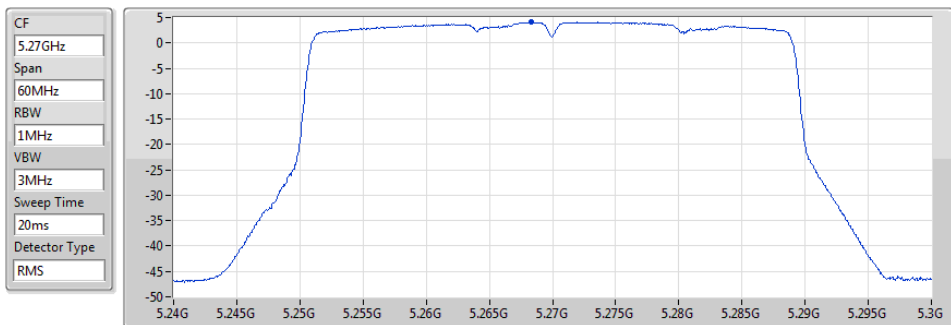
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.19	5.19	5.19

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

02/08/2019



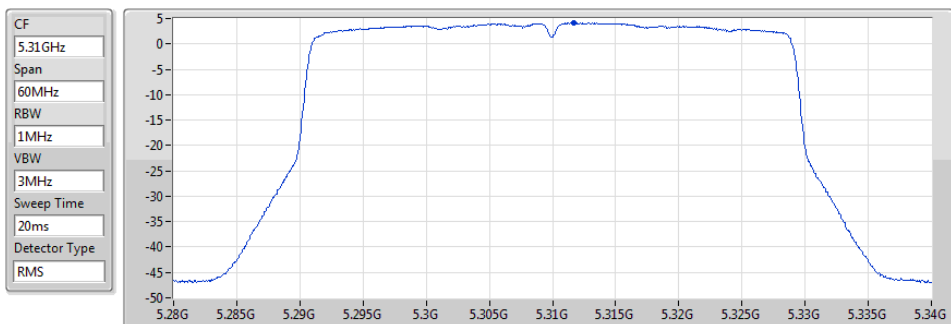
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.06	4.06	4.06

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

02/08/2019



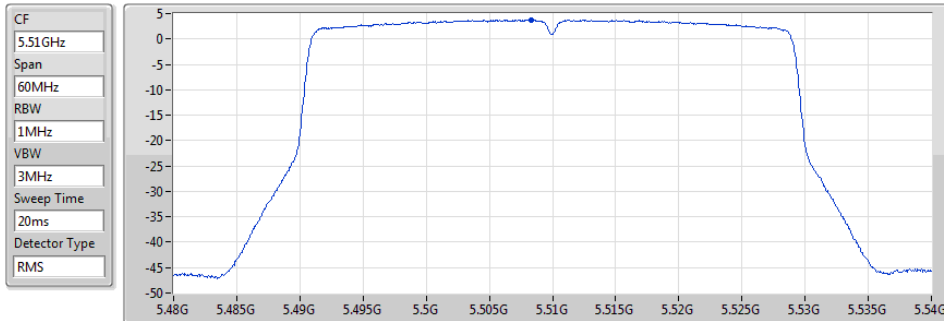
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.12	4.12	4.12

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

02/08/2019



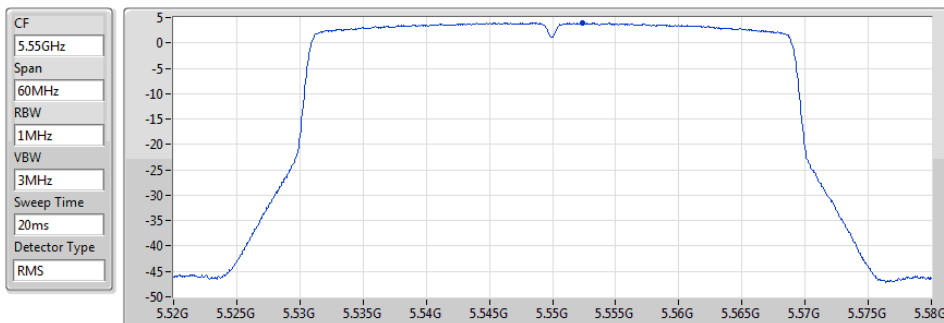
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.79	3.79	3.79

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

02/08/2019



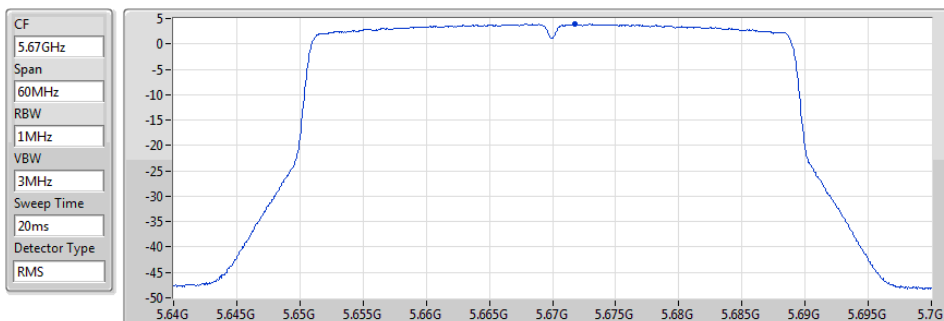
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.03	4.03	4.03

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

02/08/2019



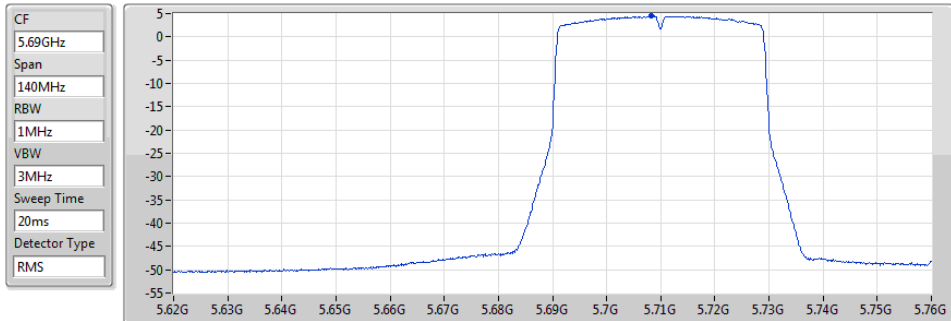
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.99	3.99	3.99

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

02/08/2019



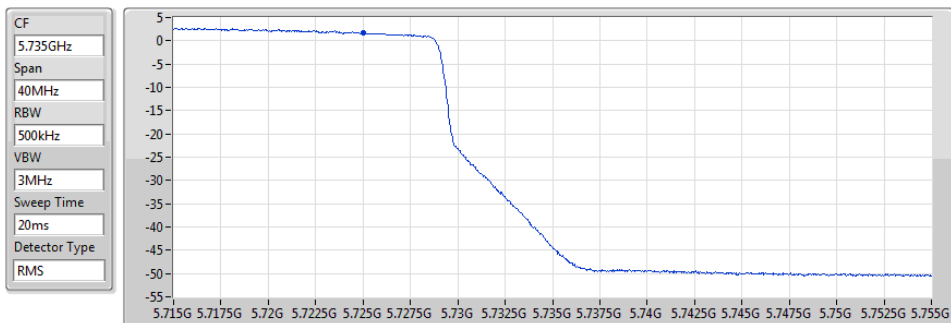
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.50	4.50	4.50

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

02/08/2019



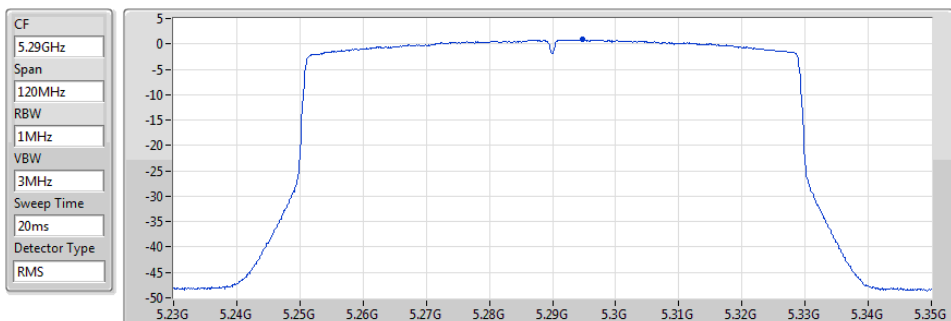
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.68	1.68	1.68

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

02/08/2019



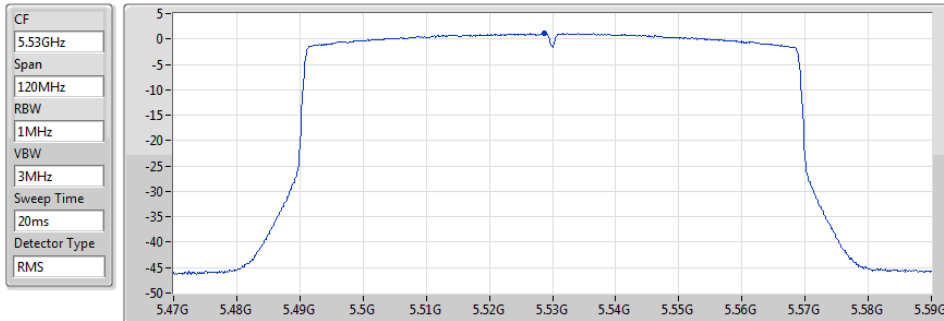
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.86	0.86	0.86

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

02/08/2019



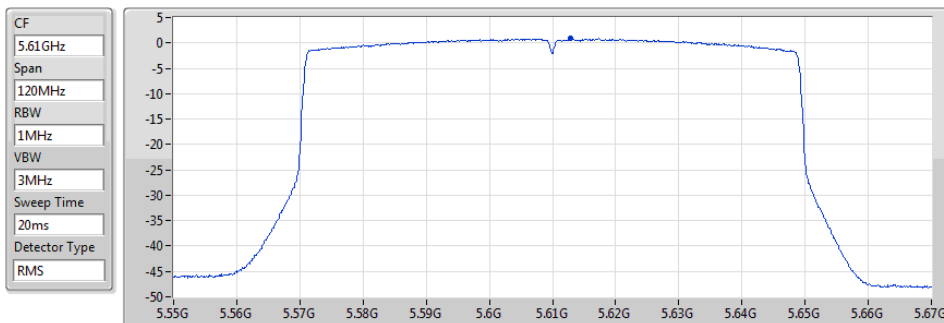
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.10	1.10	1.10

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

02/08/2019



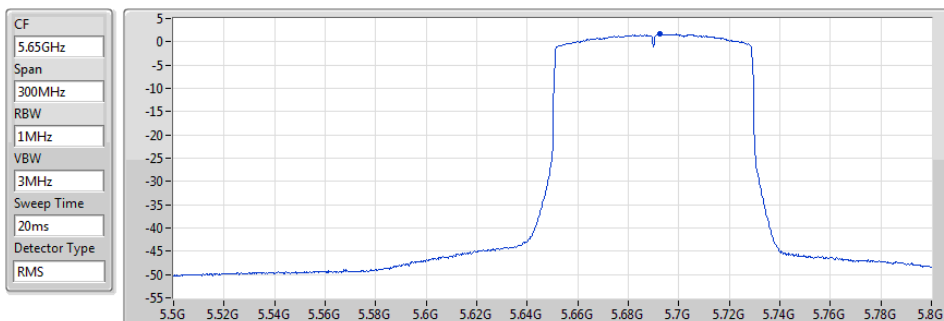
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.87	0.87	0.87

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

02/08/2019



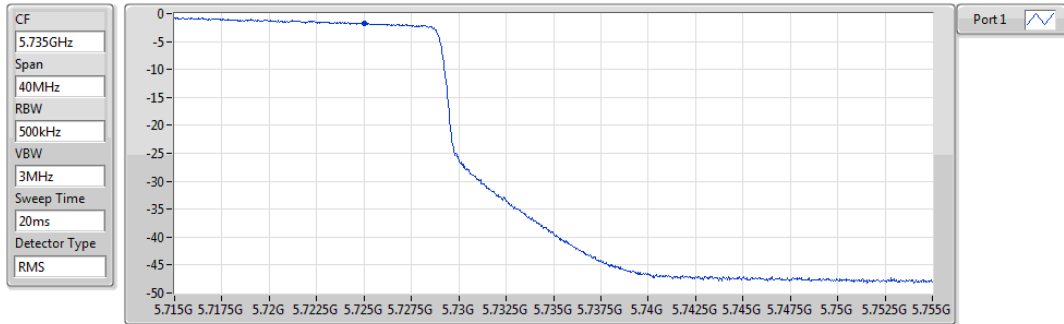
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.66	1.66	1.66

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

02/08/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.73	-1.73	-1.73

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	3.48
802.11ax HEW20_Nss1,(MCS0)_2TX	3.25
802.11ax HEW40_Nss1,(MCS0)_2TX	3.47
802.11ax HEW80_Nss1,(MCS0)_2TX	0.69
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	3.52
802.11ax HEW20_Nss1,(MCS0)_2TX	3.55
802.11ax HEW40_Nss1,(MCS0)_2TX	3.56
802.11ax HEW80_Nss1,(MCS0)_2TX	0.72
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	0.94
802.11ax HEW20_Nss1,(MCS0)_2TX	1.35
802.11ax HEW40_Nss1,(MCS0)_2TX	0.50
802.11ax HEW80_Nss1,(MCS0)_2TX	-3.03

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	-	-	-	-	-	-
5260MHz	Pass	13.42	0.45	0.48	3.40	3.58
5300MHz	Pass	13.42	0.49	0.30	3.34	3.58
5320MHz	Pass	13.42	0.68	0.49	3.48	3.58
5500MHz	Pass	13.42	0.48	0.24	3.30	3.58
5580MHz	Pass	13.42	0.74	0.34	3.51	3.58
5700MHz	Pass	13.42	0.72	0.48	3.52	3.58
5720MHz Straddle 5.47-5.725GHz	Pass	13.42	0.50	0.24	3.31	3.58
5720MHz Straddle 5.725-5.85GHz	Pass	13.42	-2.12	-1.96	0.94	22.58
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	13.42	0.25	0.29	3.19	3.58
5300MHz	Pass	13.42	0.26	0.07	3.15	3.58
5320MHz	Pass	13.42	0.32	0.24	3.25	3.58
5500MHz	Pass	13.42	0.60	0.65	3.55	3.58
5580MHz	Pass	13.42	0.40	0.07	3.12	3.58
5700MHz	Pass	13.42	0.59	0.26	3.36	3.58
5720MHz Straddle 5.47-5.725GHz	Pass	13.42	0.71	0.56	3.45	3.58
5720MHz Straddle 5.725-5.85GHz	Pass	13.42	-1.63	-1.60	1.35	22.58
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	13.42	0.43	0.51	3.47	3.58
5310MHz	Pass	13.42	0.43	0.34	3.35	3.58
5510MHz	Pass	13.42	0.56	0.52	3.54	3.58
5550MHz	Pass	13.42	0.75	0.56	3.56	3.58
5670MHz	Pass	13.42	0.48	0.54	3.42	3.58
5710MHz Straddle 5.47-5.725GHz	Pass	13.42	0.50	0.67	3.56	3.58
5710MHz Straddle 5.725-5.85GHz	Pass	13.42	-2.61	-2.24	0.50	22.58
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	13.42	-2.22	-2.26	0.69	3.58
5530MHz	Pass	13.42	-2.23	-2.41	0.59	3.58
5610MHz	Pass	13.42	-2.13	-2.19	0.72	3.58
5690MHz Straddle 5.47-5.725GHz	Pass	13.42	-2.26	-2.13	0.67	3.58
5690MHz Straddle 5.725-5.85GHz	Pass	13.42	-5.84	-6.10	-3.03	22.58

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;

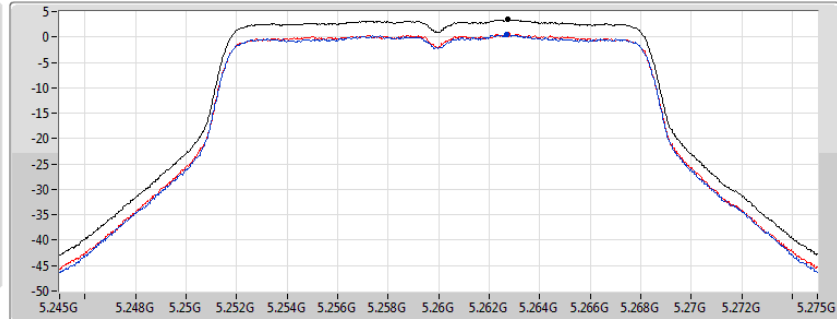
802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

01/08/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.40	3.40	0.45	0.48

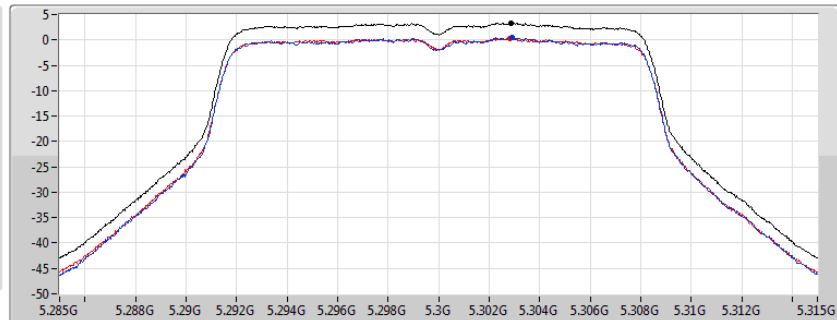
802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

01/08/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.34	3.34	0.49	0.30

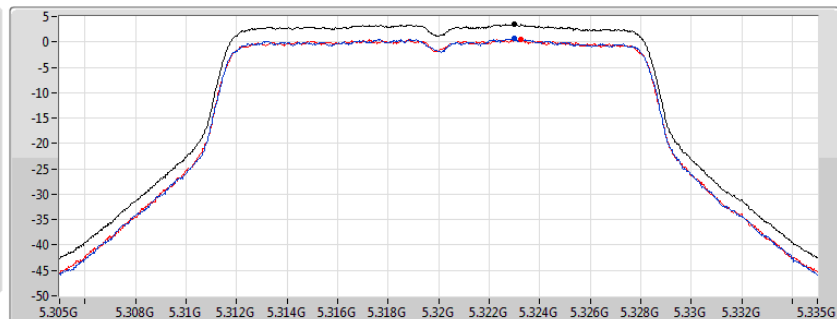
802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

01/08/2019

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



Sum
Port 1
Port 2

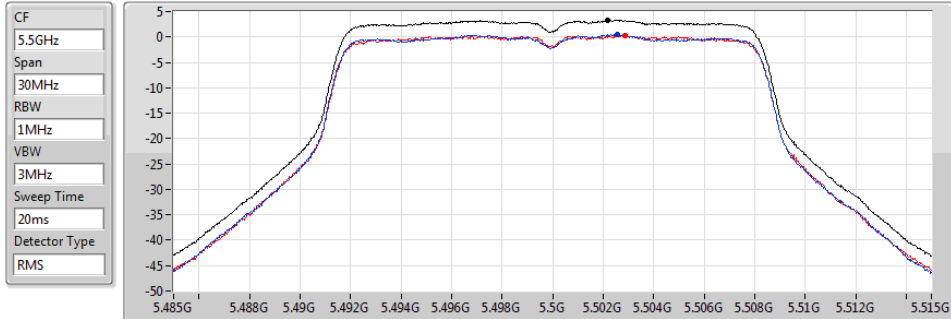
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.48	3.48	0.68	0.49

802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

01/08/2019



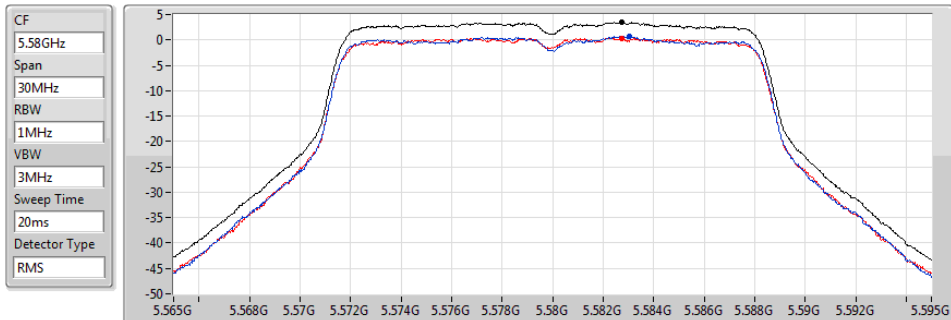
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.30	3.30	0.48	0.24

802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

01/08/2019



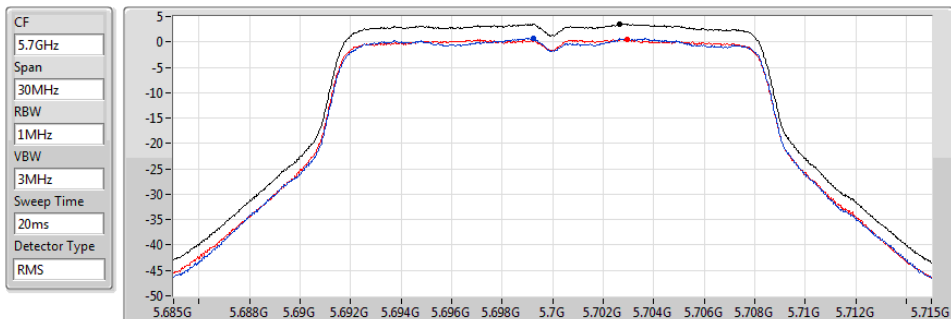
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.51	3.51	0.74	0.34

802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

01/08/2019



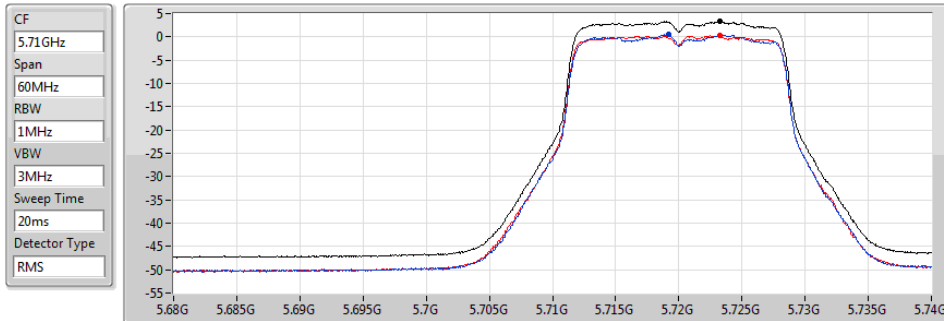
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.52	3.52	0.72	0.48

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

01/08/2019



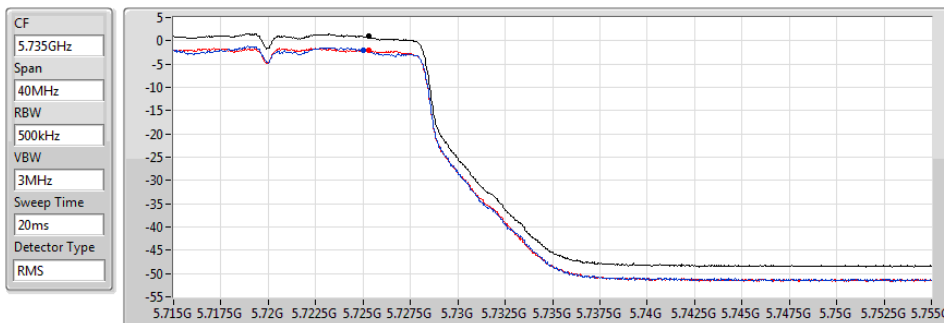
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.31	3.31	0.50	0.24

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

01/08/2019



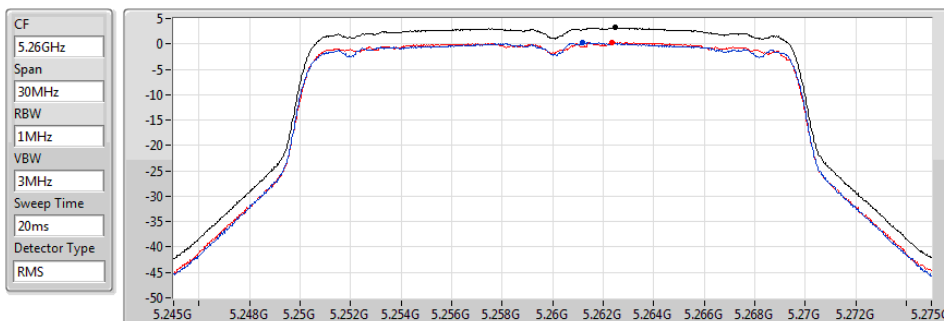
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.94	0.94	-2.12	-1.96

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5260MHz

01/08/2019



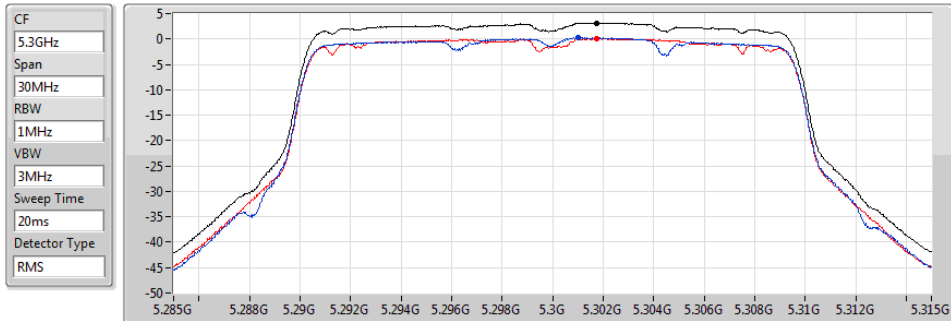
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.19	3.19	0.25	0.29

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5300MHz

01/08/2019



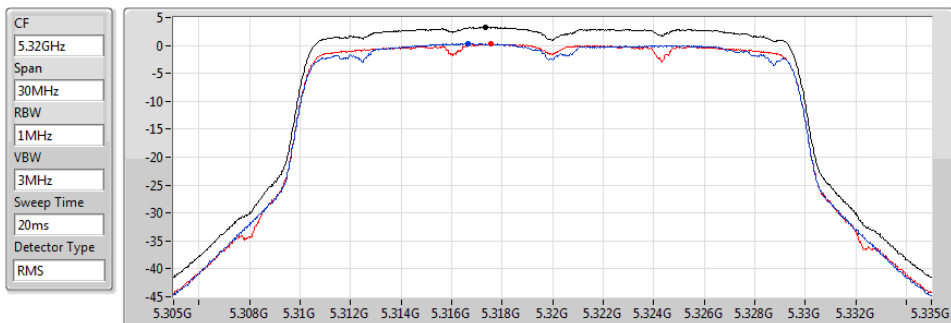
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.15	3.15	0.26	0.07

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5320MHz

01/08/2019



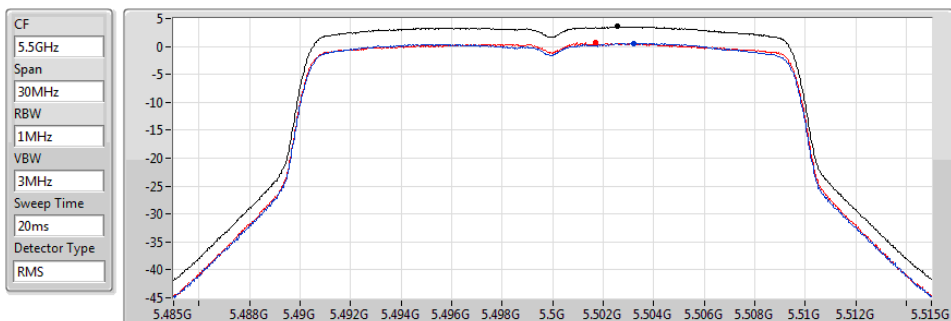
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.25	3.25	0.32	0.24

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5500MHz

01/08/2019



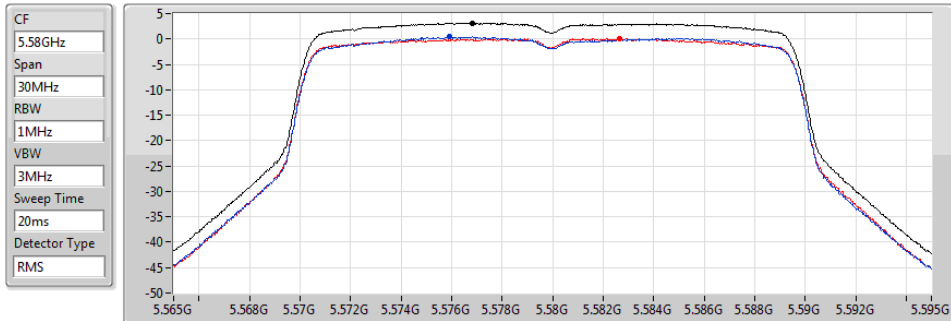
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.55	3.55	0.60	0.65

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5580MHz

01/08/2019



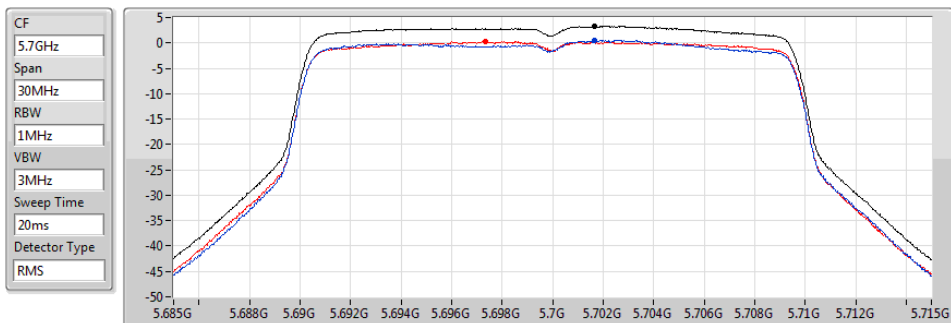
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.12	3.12	0.40	0.07

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5700MHz

01/08/2019



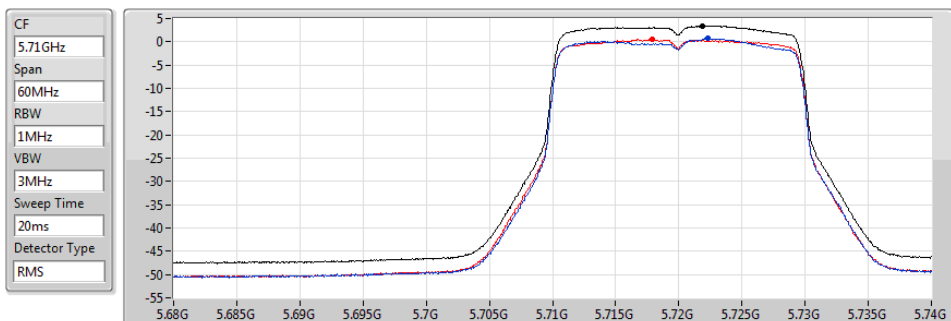
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.36	3.36	0.59	0.26

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

01/08/2019



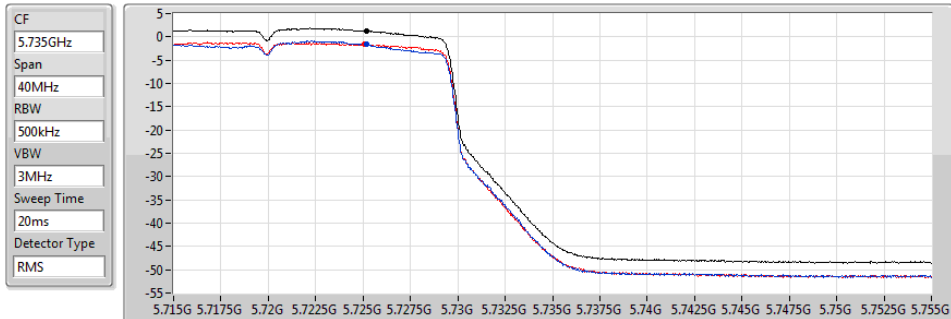
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.45	3.45	0.71	0.56

802.11ax HEW20_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

01/08/2019



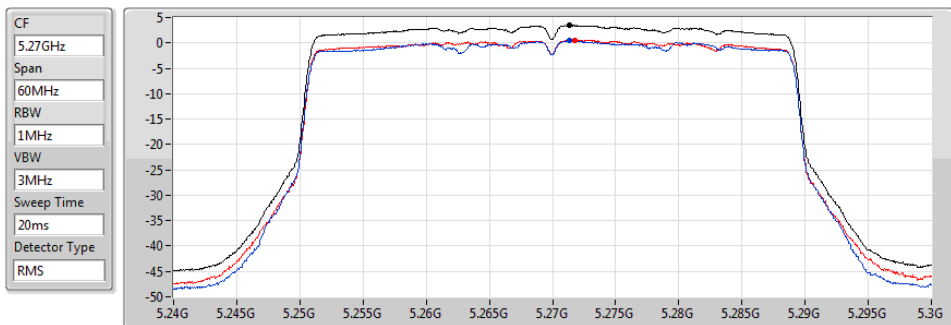
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.35	1.35	-1.63	-1.60

802.11ax HEW40_Nss1,(MCS0)_2TX

5270MHz

PSD

01/08/2019



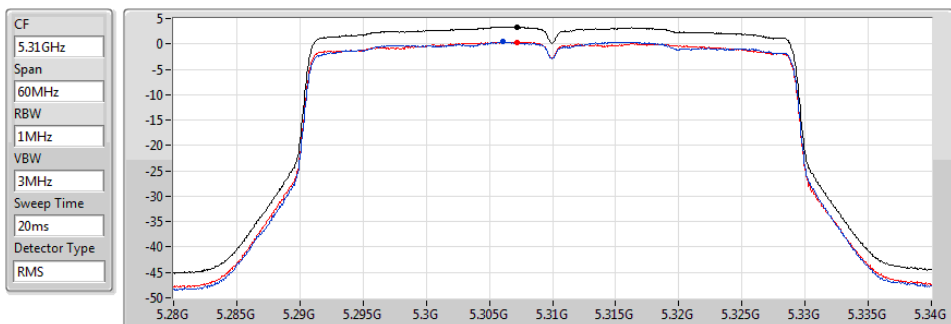
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.47	3.47	0.43	0.51

802.11ax HEW40_Nss1,(MCS0)_2TX

5310MHz

PSD

01/08/2019



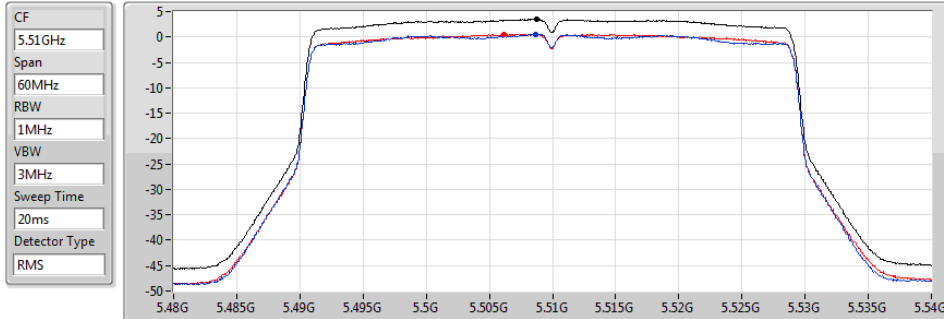
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.35	3.35	0.43	0.34

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5510MHz

01/08/2019



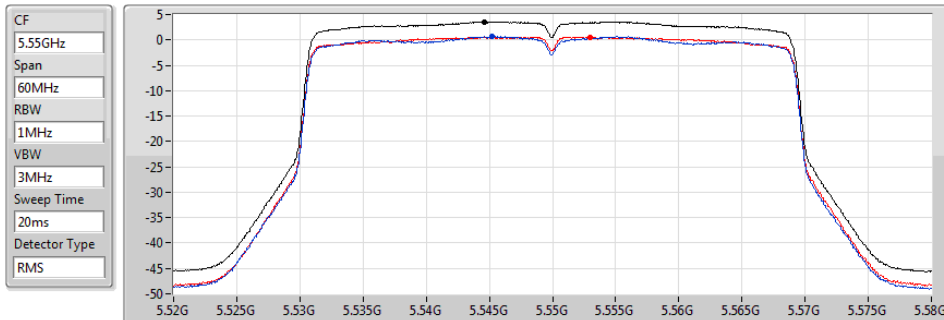
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.54	3.54	0.56	0.52

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5550MHz

01/08/2019



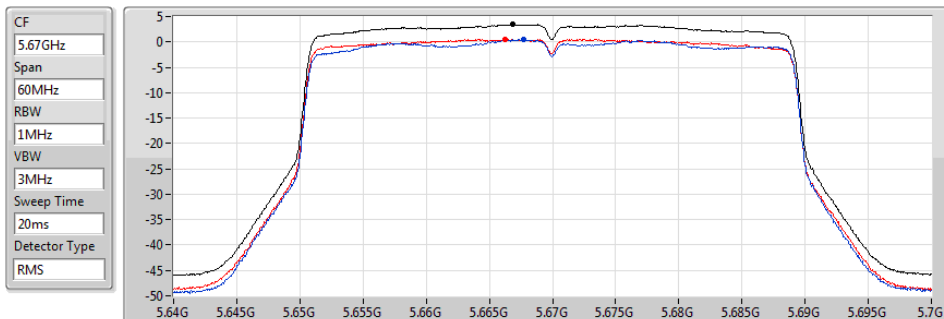
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.56	3.56	0.75	0.56

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5670MHz

01/08/2019



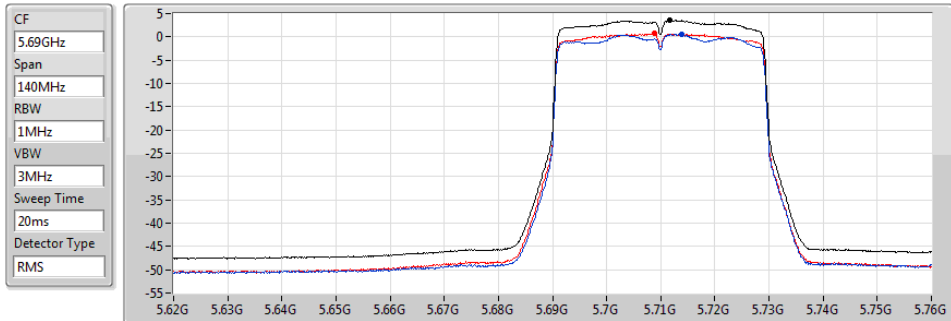
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.42	3.42	0.48	0.54

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

01/08/2019



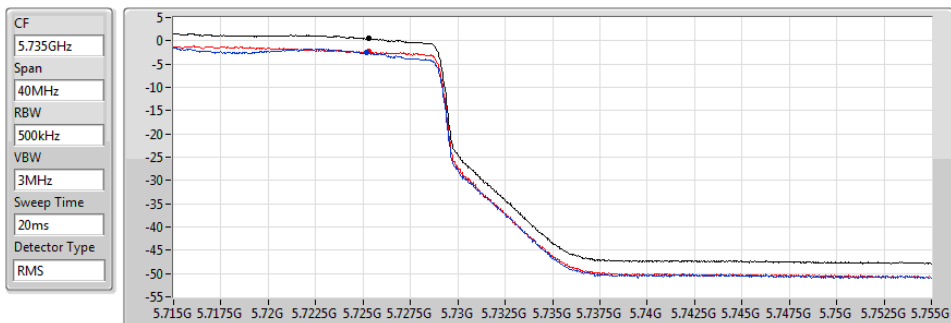
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.56	3.56	0.50	0.67

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

01/08/2019



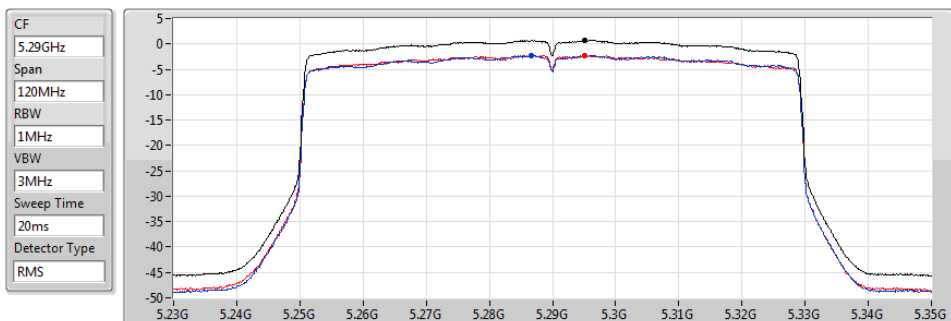
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.50	0.50	-2.61	-2.24

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5290MHz

01/08/2019



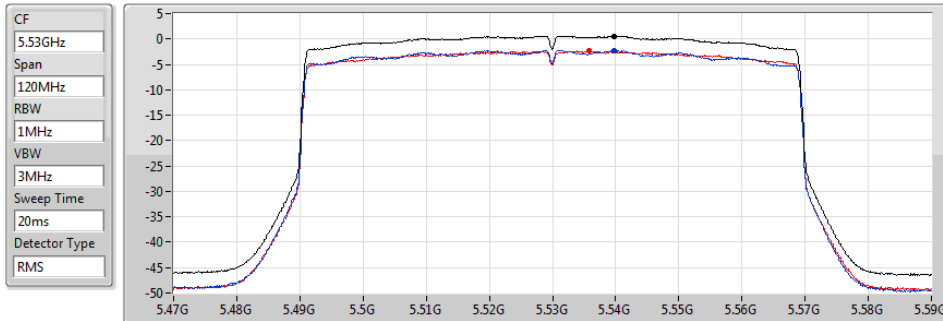
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.69	0.69	-2.22	-2.26

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5530MHz

01/08/2019



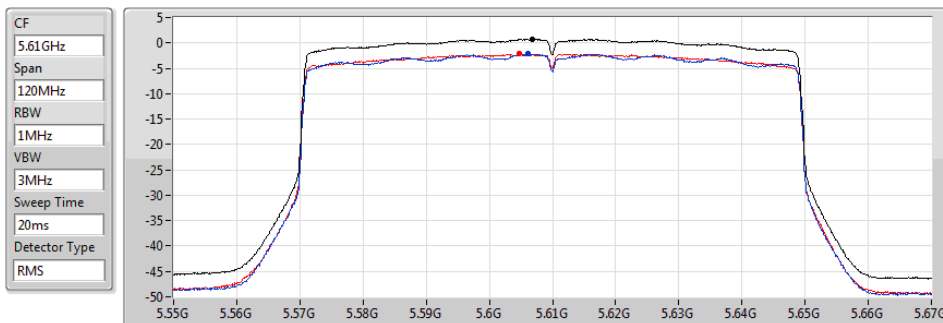
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.59	0.59	-2.23	-2.41

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5610MHz

01/08/2019



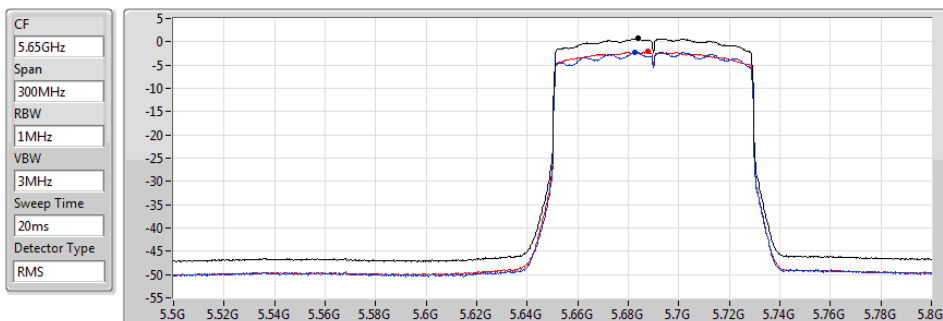
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.72	0.72	-2.13	-2.19

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

01/08/2019



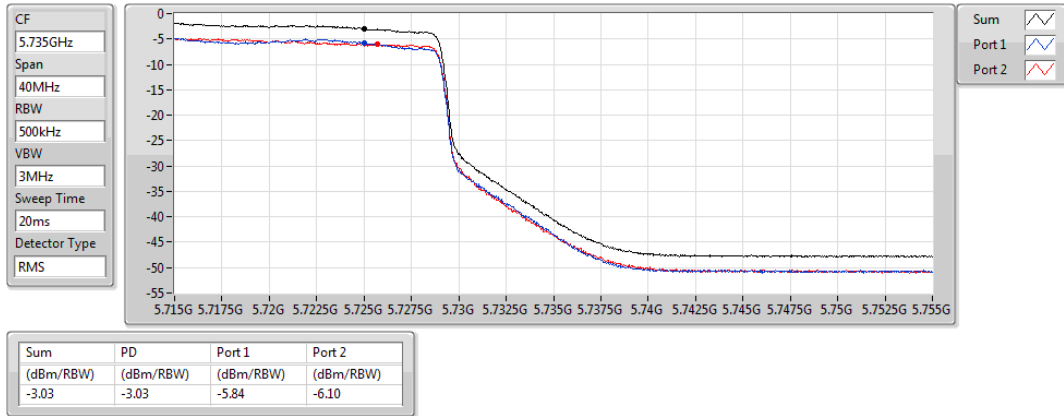
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.67	0.67	-2.26	-2.13

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

01/08/2019



Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	2.16
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-0.79
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-3.17
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	2.96
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-0.09
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.78
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	1.07
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-3.01
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-6.51

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)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	13.42	-1.13	-0.56	2.16	3.58
5300MHz	Pass	13.42	-0.66	-0.99	2.03	3.58
5320MHz	Pass	13.42	-0.69	-0.91	2.14	3.58
5500MHz	Pass	13.42	-0.22	-0.75	2.38	3.58
5580MHz	Pass	13.42	-0.22	-0.58	2.51	3.58
5700MHz	Pass	13.42	-0.75	-0.81	2.16	3.58
5720MHz Straddle 5.47-5.725GHz	Pass	13.42	0.01	-0.04	2.96	3.58
5720MHz Straddle 5.725-5.85GHz	Pass	13.42	-1.81	-2.08	1.07	22.58
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	13.42	-4.39	-3.14	-0.79	3.58
5310MHz	Pass	13.42	-3.62	-4.09	-0.90	3.58
5510MHz	Pass	13.42	-3.14	-3.19	-0.30	3.58
5550MHz	Pass	13.42	-3.28	-3.54	-0.49	3.58
5670MHz	Pass	13.42	-4.02	-3.50	-0.90	3.58
5710MHz Straddle 5.47-5.725GHz	Pass	13.42	-2.98	-3.04	-0.09	3.58
5710MHz Straddle 5.725-5.85GHz	Pass	13.42	-5.84	-6.05	-3.01	22.58
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	13.42	-6.24	-4.59	-3.17	3.58
5530MHz	Pass	13.42	-6.37	-4.89	-3.21	3.58
5610MHz	Pass	13.42	-6.10	-4.52	-2.94	3.58
5690MHz Straddle 5.47-5.725GHz	Pass	13.42	-5.55	-4.72	-2.78	3.58
5690MHz Straddle 5.725-5.85GHz	Pass	13.42	-8.97	-10.01	-6.51	22.58

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

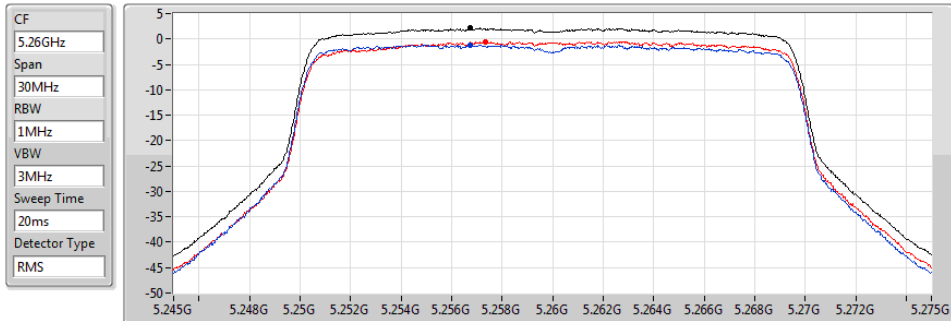
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

05/08/2019



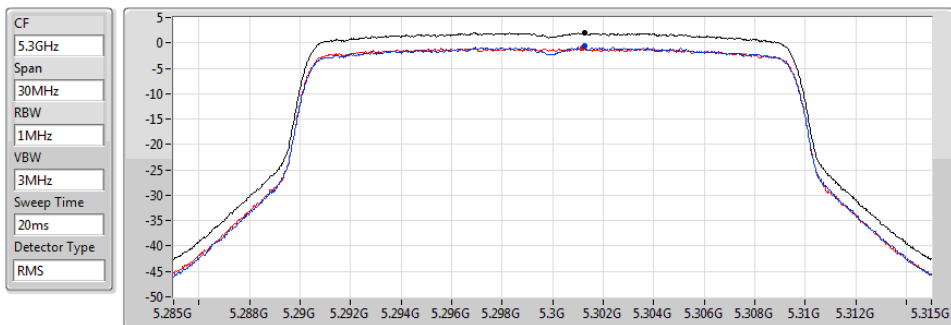
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.16	2.16	-1.13	-0.56

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

06/08/2019



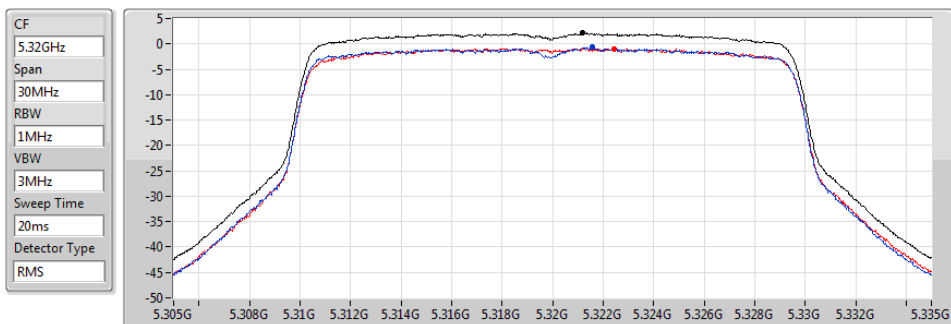
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.03	2.03	-0.66	-0.99

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

06/08/2019



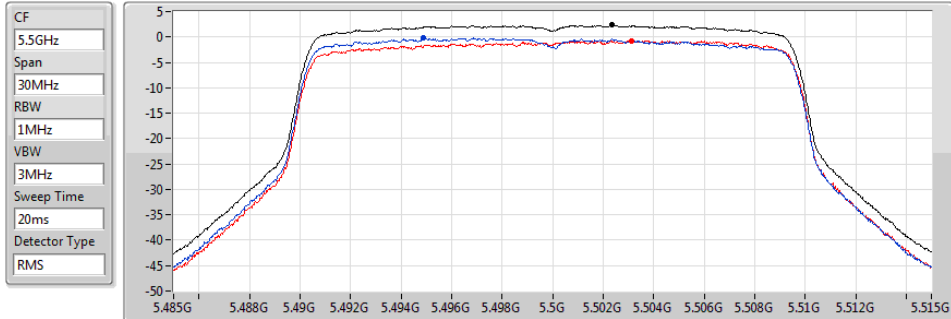
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.14	2.14	-0.69	-0.91

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.38	2.38	-0.22	-0.75

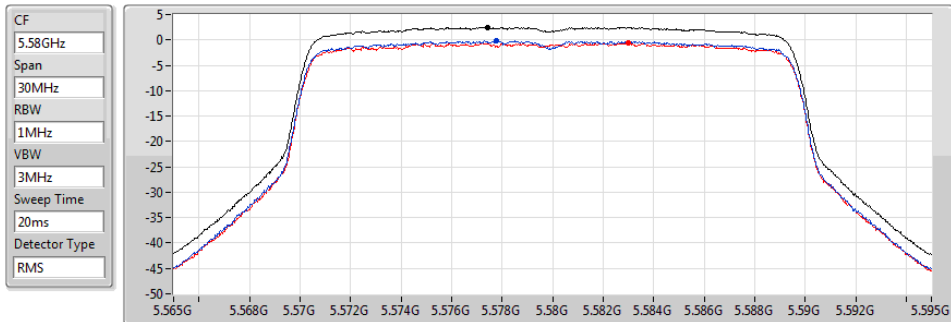
Sum
Port 1
Port 2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.51	2.51	-0.22	-0.58

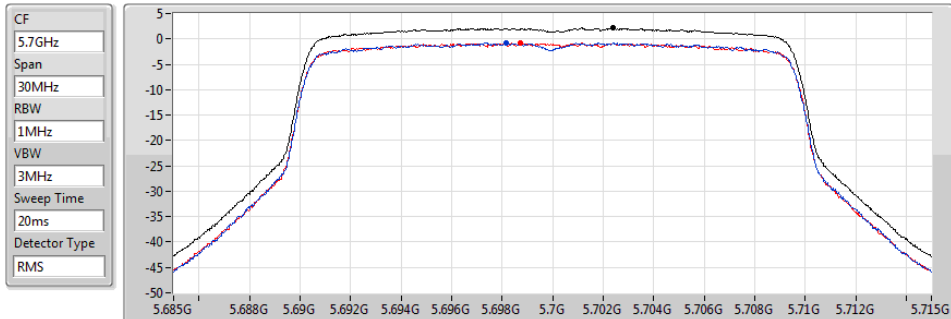
Sum
Port 1
Port 2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.16	2.16	-0.75	-0.81

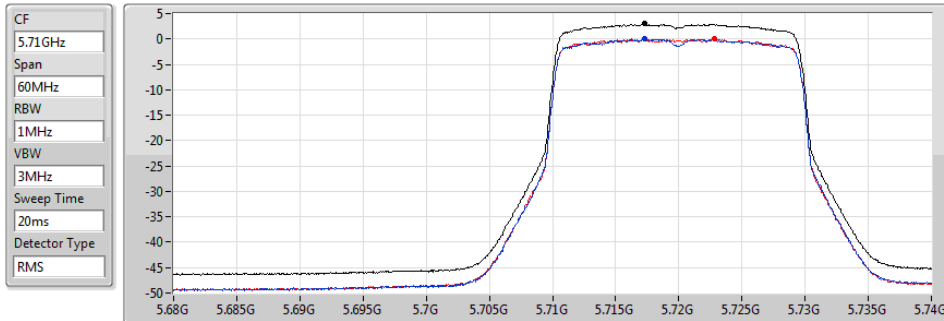
Sum
Port 1
Port 2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

06/08/2019



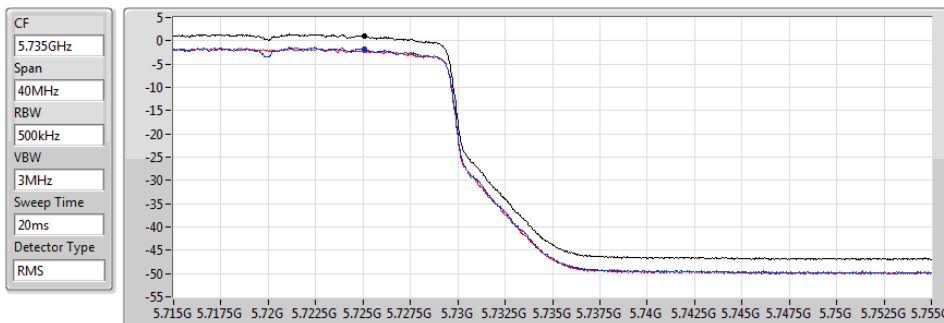
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.96	2.96	0.01	-0.04

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

06/08/2019



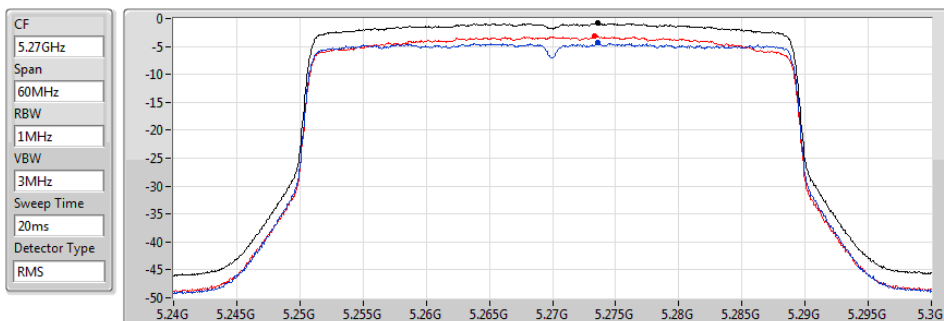
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.07	1.07	-1.81	-2.08

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5270MHz

06/08/2019



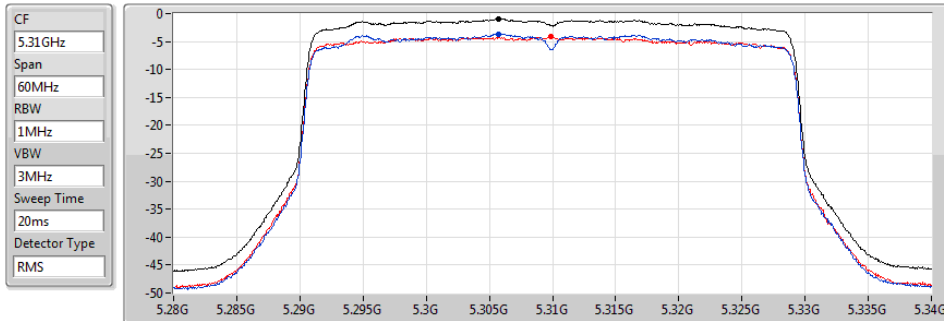
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.79	-0.79	-4.39	-3.14

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

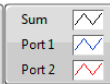
PSD

5310MHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.90	-0.90	-3.62	-4.09

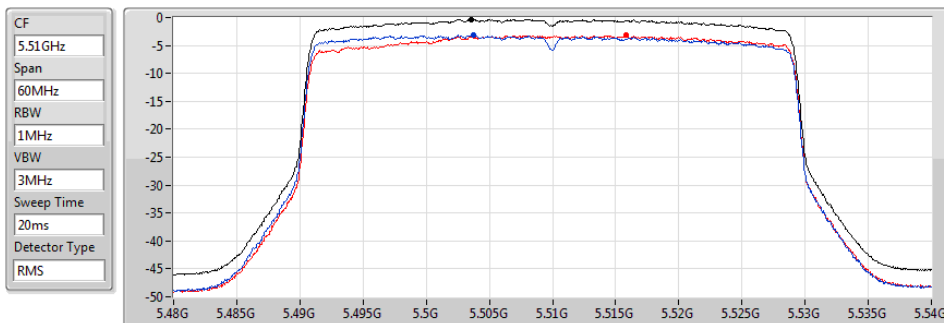


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

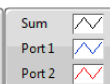
PSD

5510MHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.30	-0.30	-3.14	-3.19

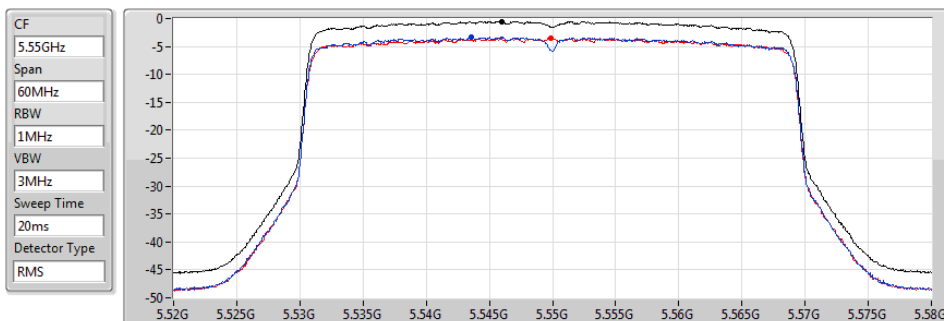


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

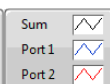
PSD

5550MHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.49	-0.49	-3.28	-3.54



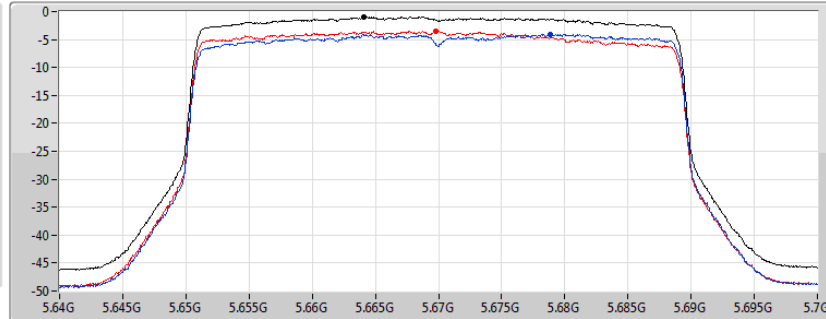
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

06/08/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.90	-0.90	-4.02	-3.50

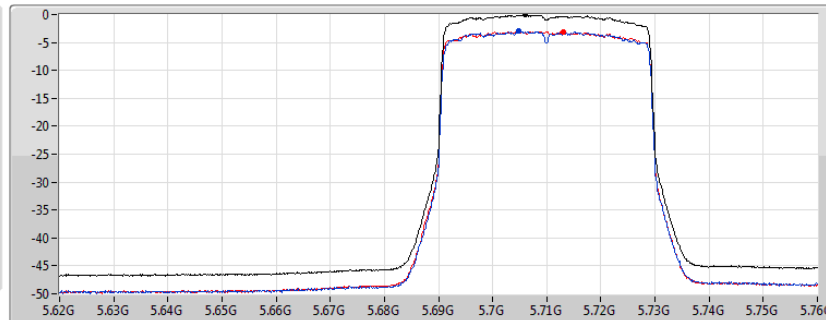
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

06/08/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.09	-0.09	-2.98	-3.04

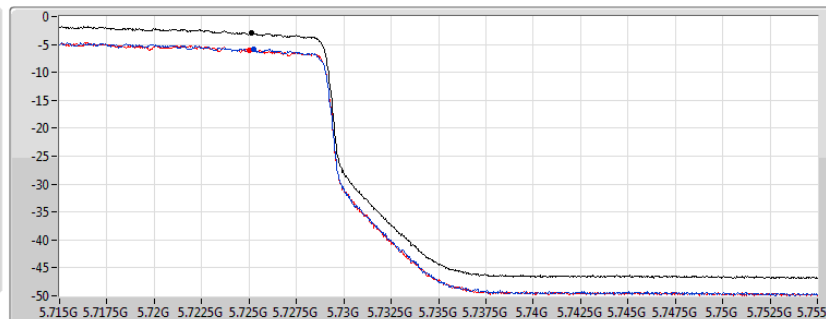
802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

06/08/2019

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



Sum
Port 1
Port 2

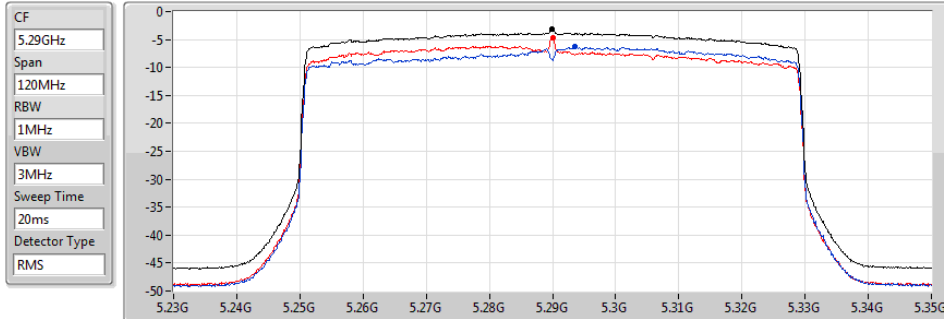
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.01	-3.01	-5.84	-6.05

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

06/08/2019



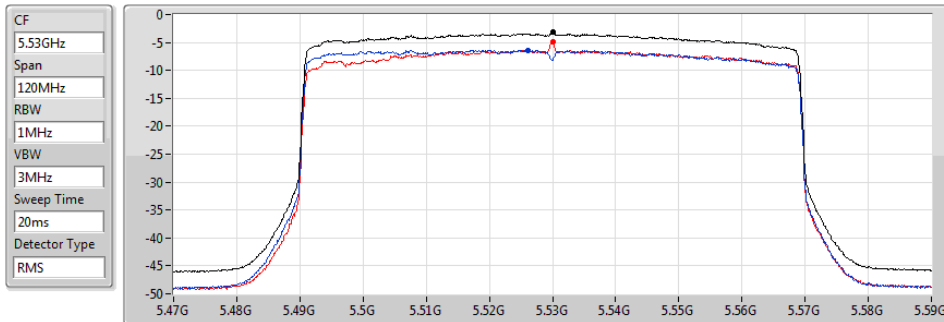
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.17	-3.17	-6.24	-4.59

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

06/08/2019



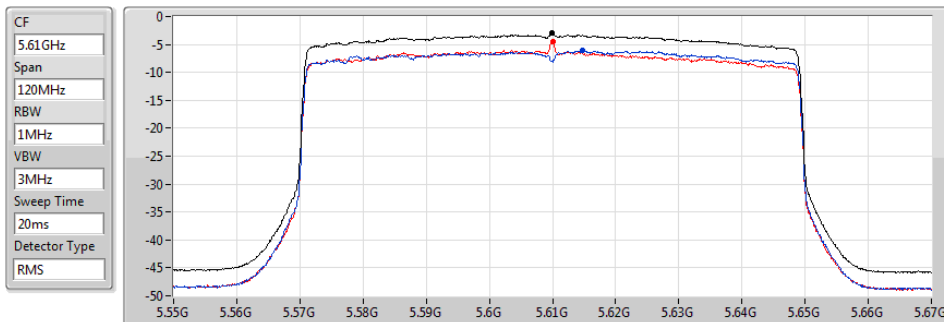
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.21	-3.21	-6.37	-4.89

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

06/08/2019



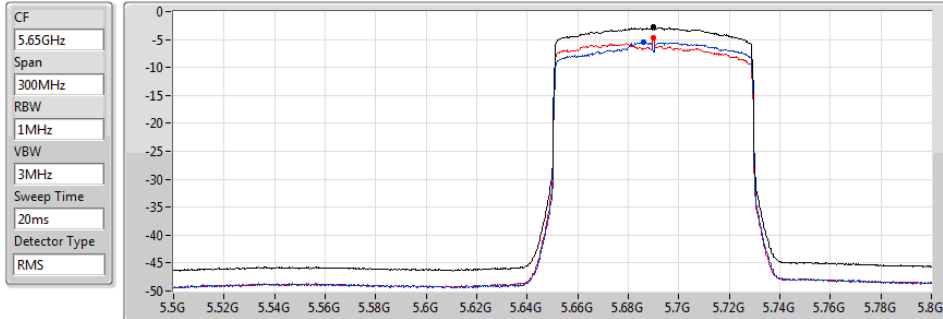
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.94	-2.94	-6.10	-4.52

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

06/08/2019



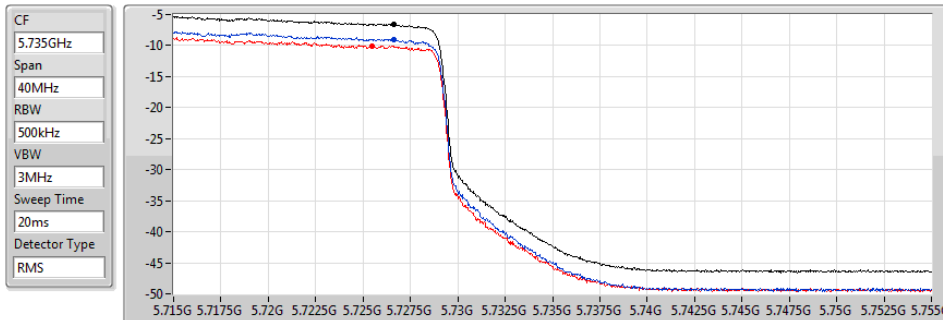
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.78	-2.78	-5.55	-4.72

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.51	-6.51	-8.97	-10.01

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	0.46
802.11ax HEW20_Nss1,(MCS0)_4TX	0.23
802.11ax HEW40_Nss1,(MCS0)_4TX	0.51
802.11ax HEW80_Nss1,(MCS0)_4TX	0.48
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	0.54
802.11ax HEW20_Nss1,(MCS0)_4TX	0.49
802.11ax HEW40_Nss1,(MCS0)_4TX	0.51
802.11ax HEW80_Nss1,(MCS0)_4TX	0.51
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	-1.30
802.11ax HEW20_Nss1,(MCS0)_4TX	-1.69
802.11ax HEW40_Nss1,(MCS0)_4TX	-2.32
802.11ax HEW80_Nss1,(MCS0)_4TX	-3.45

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	-	-	-	-	-	-	-	-
5260MHz	Pass	16.45	-5.97	-5.87	-5.34	-4.64	0.46	0.55
5300MHz	Pass	16.45	-5.85	-5.89	-5.49	-4.76	0.38	0.55
5320MHz	Pass	16.45	-5.71	-5.80	-5.50	-4.71	0.45	0.55
5500MHz	Pass	16.45	-6.19	-5.76	-5.10	-4.57	0.50	0.55
5580MHz	Pass	16.45	-5.30	-5.55	-4.94	-4.64	0.54	0.55
5700MHz	Pass	16.45	-5.63	-5.22	-4.88	-4.97	0.41	0.55
5720MHz Straddle 5.47-5.725GHz	Pass	16.45	-5.58	-5.29	-5.30	-4.75	0.46	0.55
5720MHz Straddle 5.725-5.85GHz	Pass	16.45	-8.31	-7.26	-6.62	-6.95	-1.30	19.55
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	16.45	-6.41	-6.20	-5.50	-4.80	0.23	0.55
5300MHz	Pass	16.45	-6.61	-6.18	-5.52	-4.96	0.14	0.55
5320MHz	Pass	16.45	-6.01	-6.27	-5.83	-5.04	0.18	0.55
5500MHz	Pass	16.45	-6.38	-5.98	-5.77	-5.00	0.12	0.55
5580MHz	Pass	16.45	-6.17	-5.89	-5.47	-4.94	0.14	0.55
5700MHz	Pass	16.45	-5.63	-5.91	-5.13	-5.15	0.24	0.55
5720MHz Straddle 5.47-5.725GHz	Pass	16.45	-5.33	-5.54	-4.72	-4.95	0.49	0.55
5720MHz Straddle 5.725-5.85GHz	Pass	16.45	-7.35	-8.06	-7.39	-6.98	-1.69	19.55
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	16.45	-6.09	-5.73	-5.31	-4.46	0.51	0.55
5310MHz	Pass	16.45	-5.84	-6.08	-5.00	-4.86	0.35	0.55
5510MHz	Pass	16.45	-6.10	-5.98	-5.31	-4.83	0.33	0.55
5550MHz	Pass	16.45	-5.92	-5.76	-4.67	-4.72	0.51	0.55
5670MHz	Pass	16.45	-5.93	-5.76	-4.86	-4.95	0.31	0.55
5710MHz Straddle 5.47-5.725GHz	Pass	16.45	-5.72	-5.70	-4.68	-4.69	0.51	0.55
5710MHz Straddle 5.725-5.85GHz	Pass	16.45	-8.43	-8.97	-8.31	-7.54	-2.32	19.55
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	16.45	-5.92	-5.75	-5.12	-4.55	0.48	0.55
5530MHz	Pass	16.45	-5.92	-5.85	-4.67	-4.93	0.41	0.55
5610MHz	Pass	16.45	-5.60	-5.55	-4.61	-4.70	0.51	0.55
5690MHz Straddle 5.47-5.725GHz	Pass	16.45	-5.93	-5.73	-4.84	-5.07	0.30	0.55
5690MHz Straddle 5.725-5.85GHz	Pass	16.45	-9.44	-10.15	-9.28	-8.71	-3.45	19.55

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;

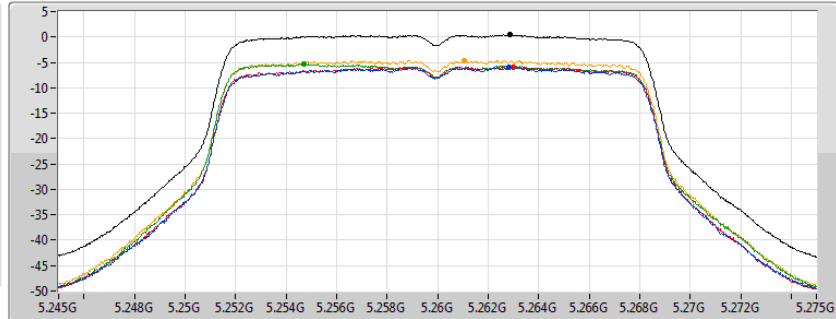
802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

31/07/2019

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



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.46	0.46	-5.97	-5.87	-5.34	-4.64

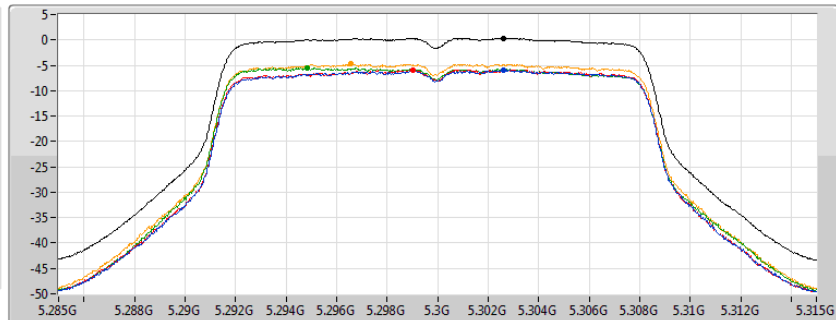
802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

31/07/2019

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



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.38	0.38	-5.85	-5.89	-5.49	-4.76

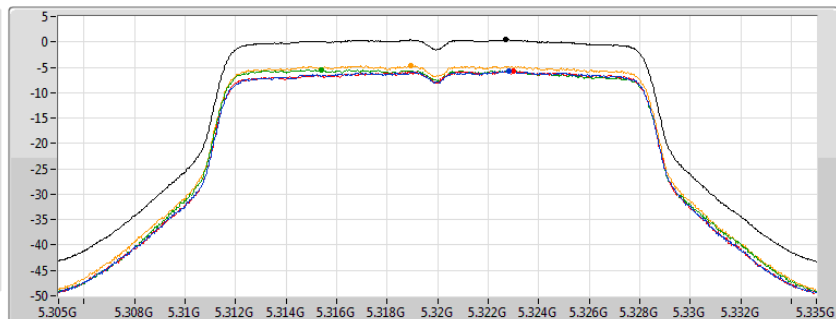
802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

31/07/2019

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



Sum
Port 1
Port 2
Port 3
Port 4

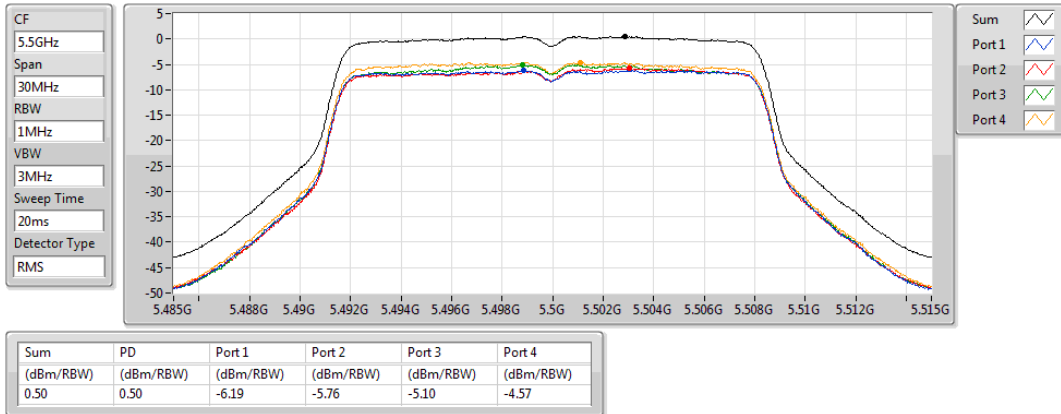
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.45	0.45	-5.71	-5.80	-5.50	-4.71

802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

31/07/2019

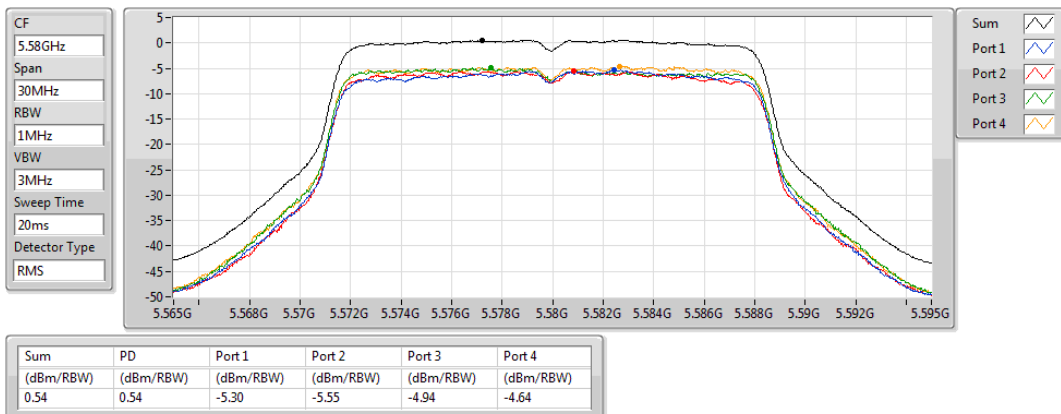


802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

31/07/2019

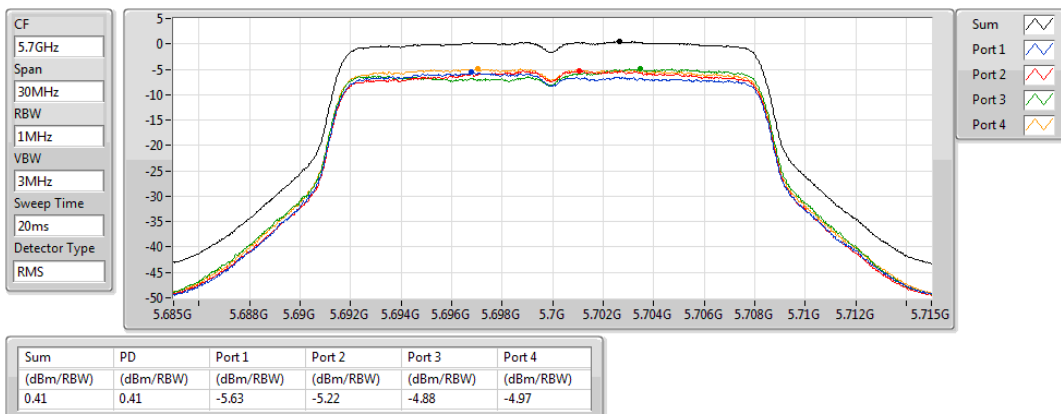


802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

31/07/2019

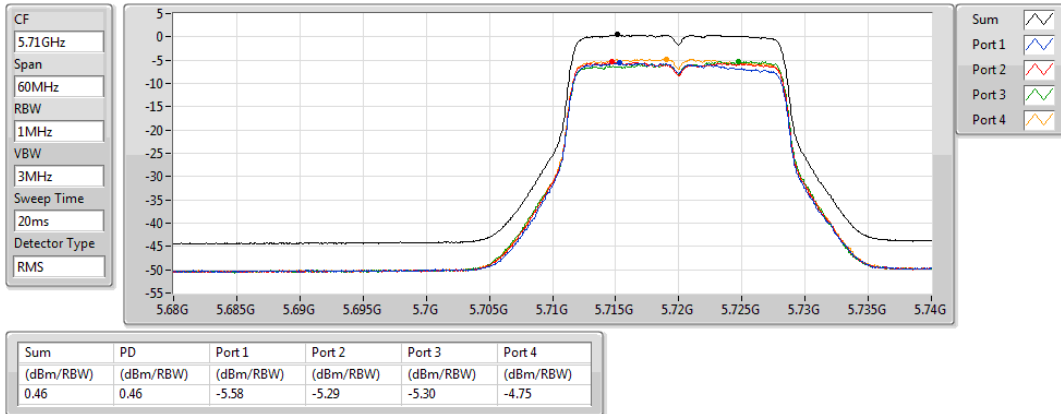


802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

31/07/2019

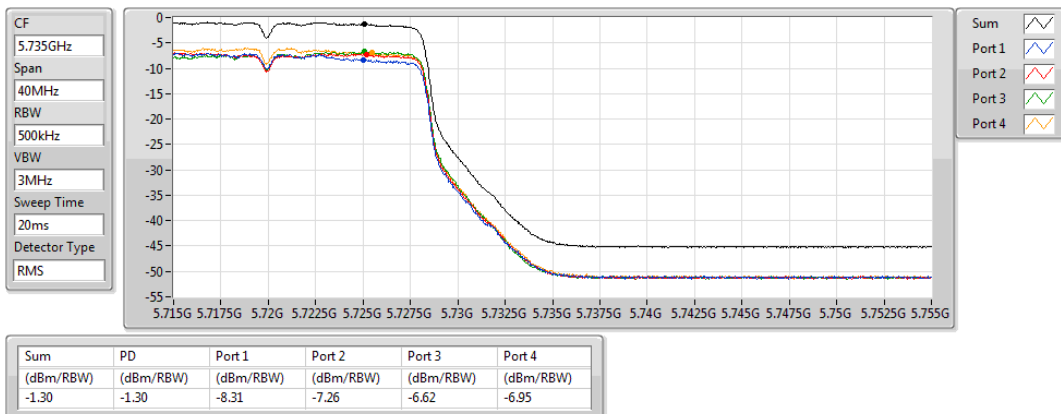


802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

31/07/2019

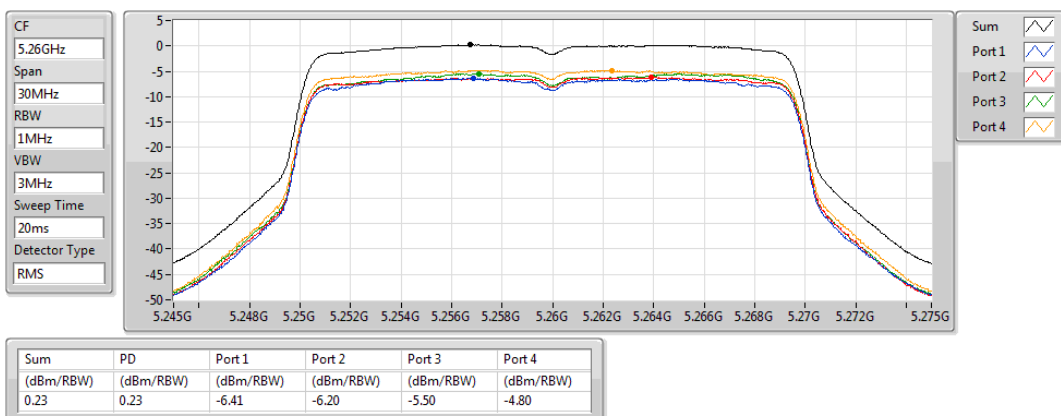


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

01/08/2019

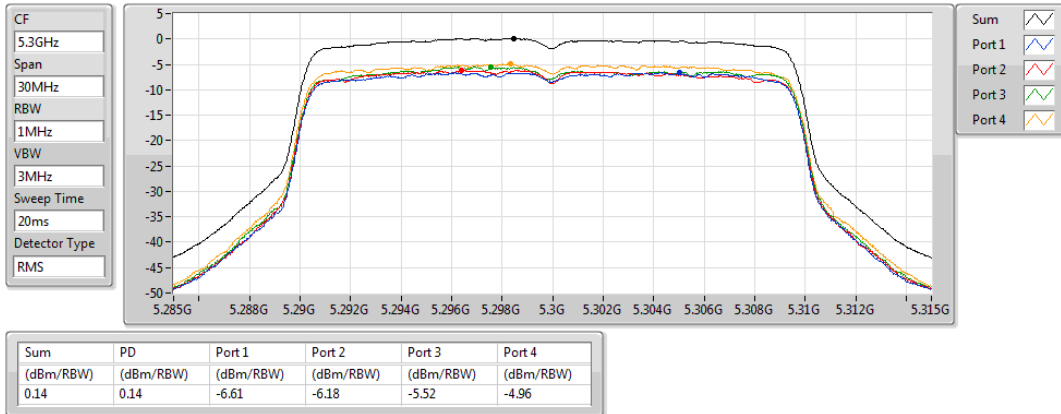


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

01/08/2019

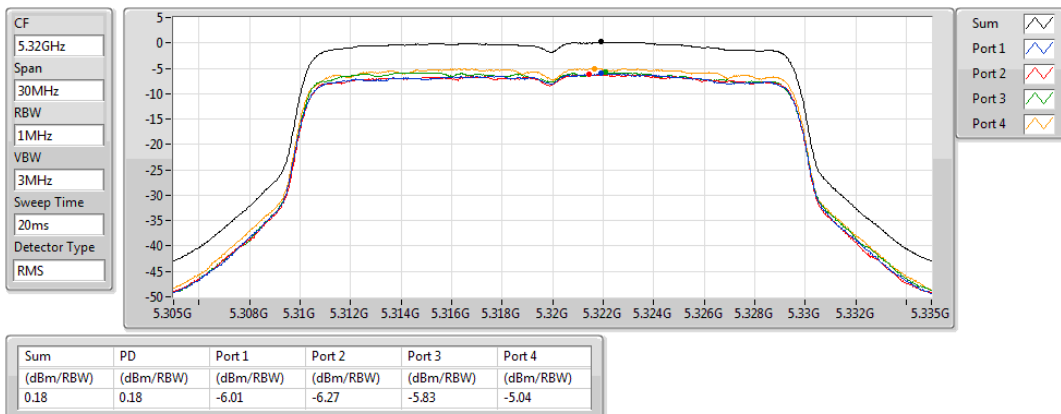


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

01/08/2019

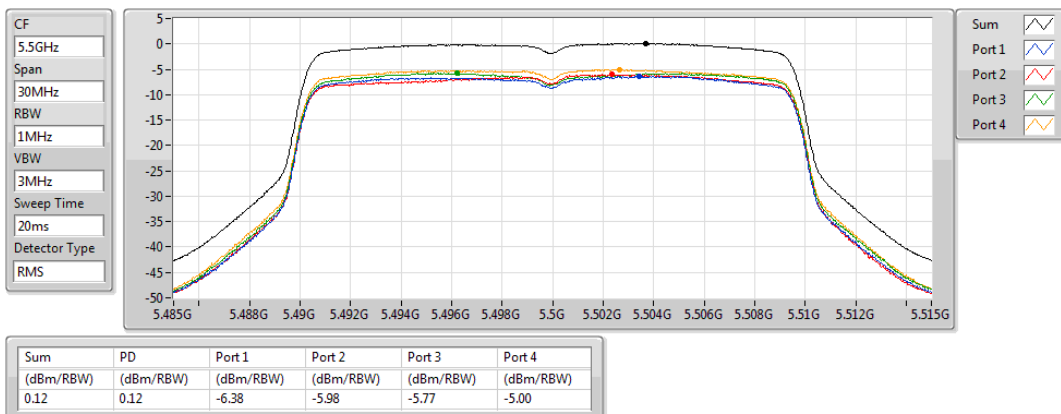


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

01/08/2019

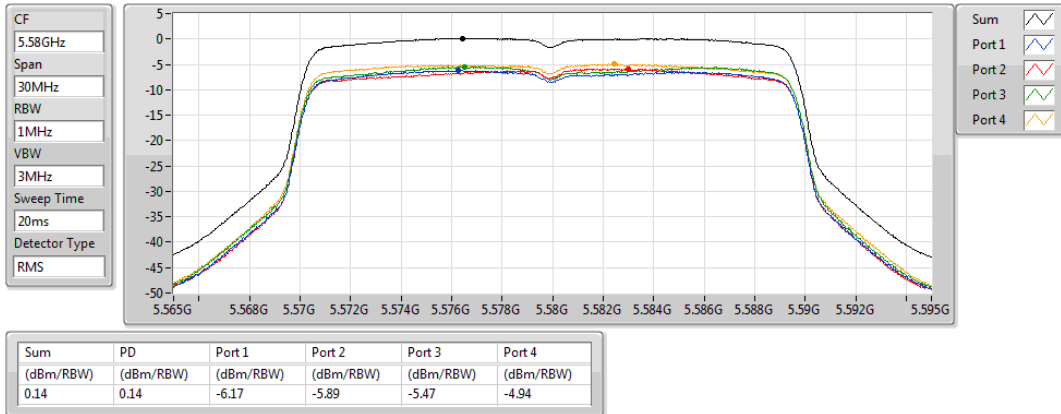


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

01/08/2019

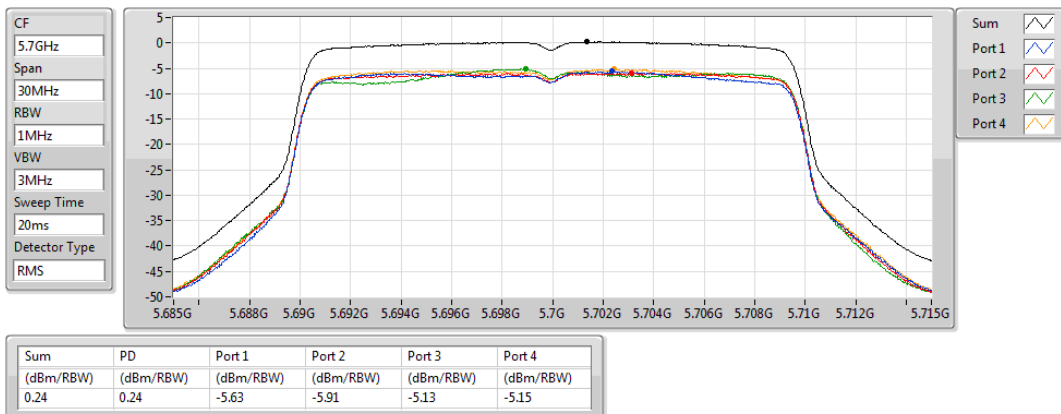


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

01/08/2019

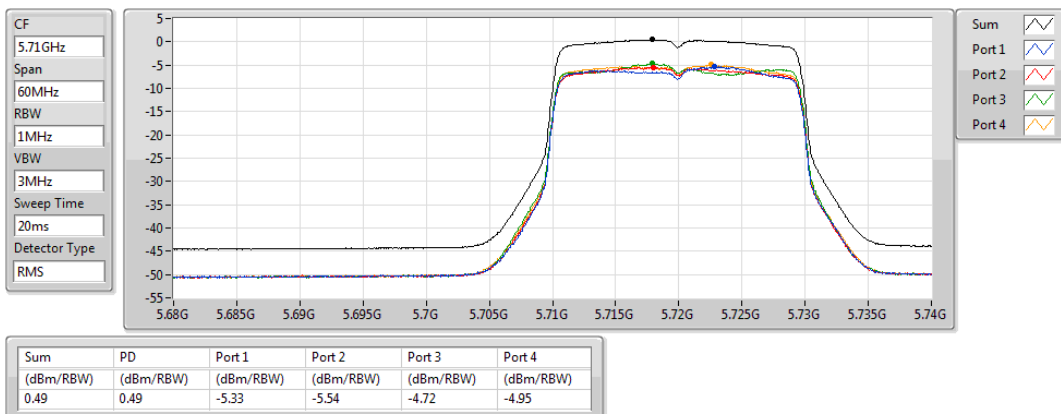


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

01/08/2019

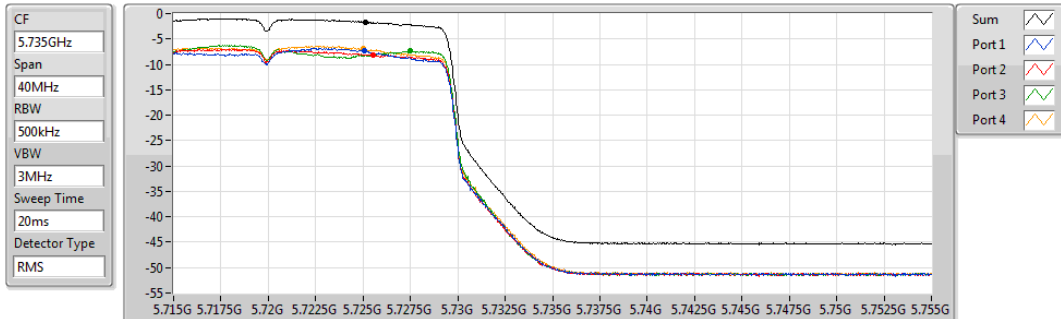


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

01/08/2019



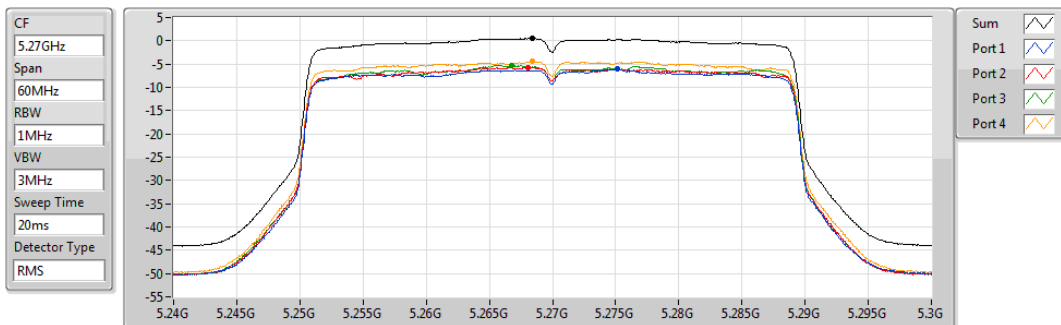
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.69	-1.69	-7.35	-8.06	-7.39	-6.98

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

01/08/2019



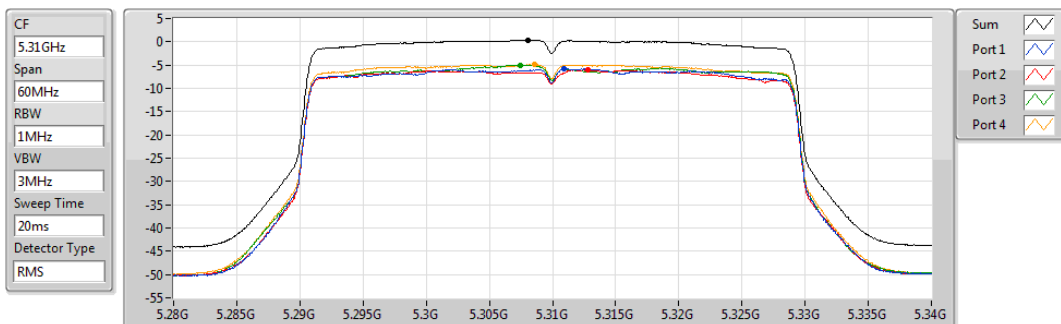
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.51	0.51	-6.09	-5.73	-5.31	-4.46

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

01/08/2019



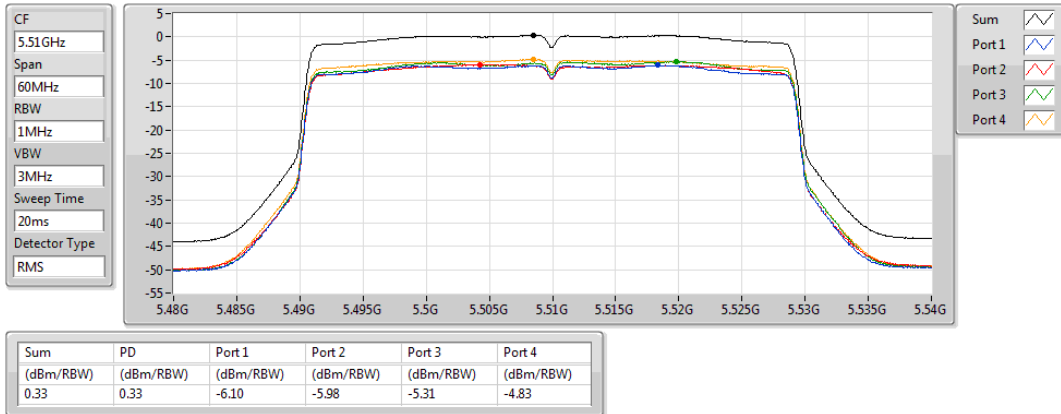
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.35	0.35	-5.84	-6.08	-5.00	-4.86

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

01/08/2019

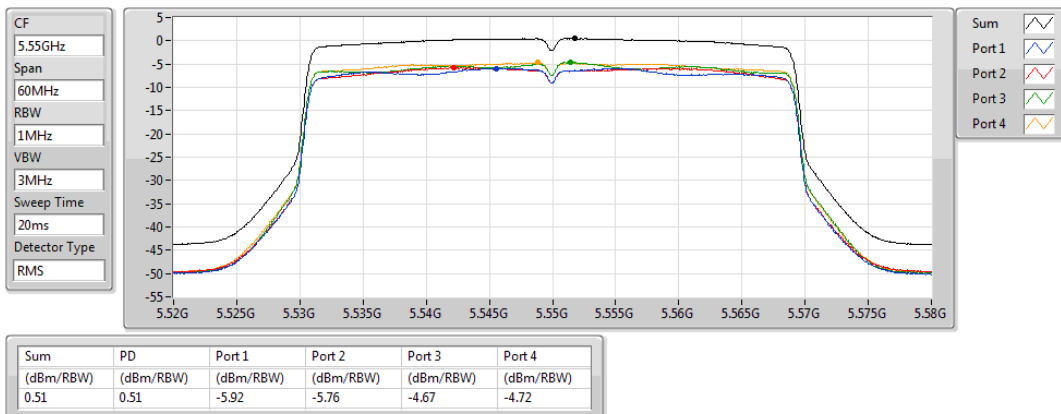


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

01/08/2019

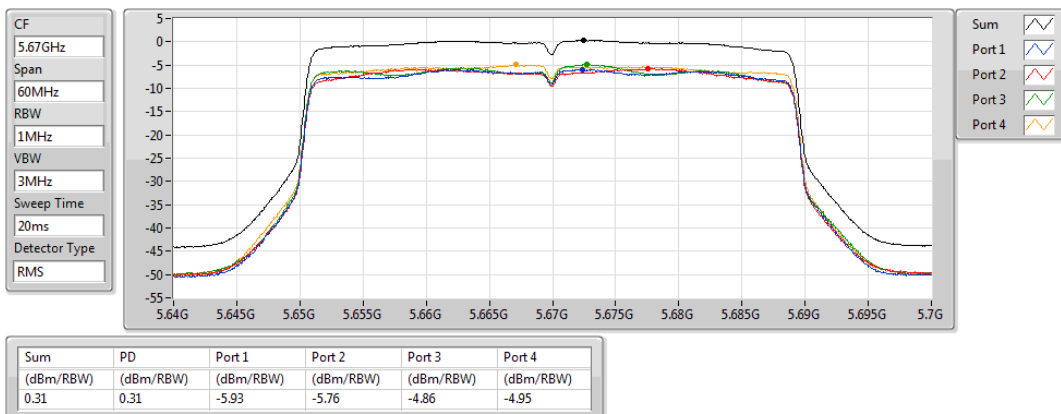


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

01/08/2019

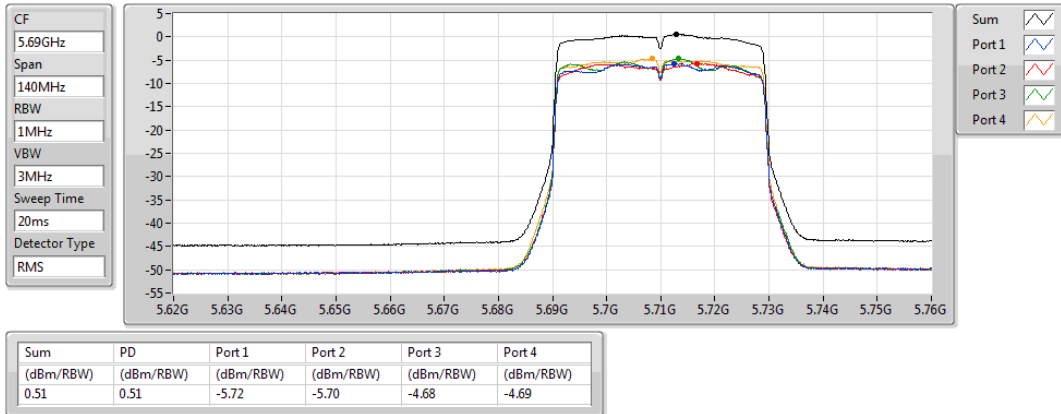


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

01/08/2019

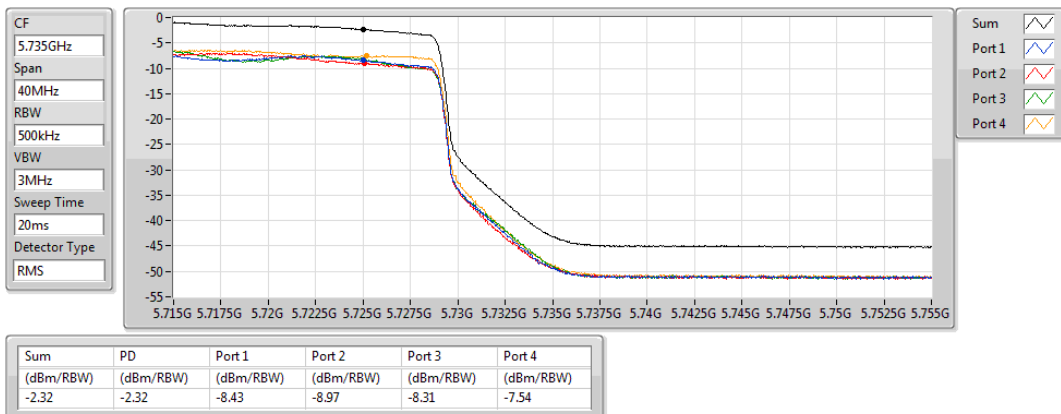


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

01/08/2019

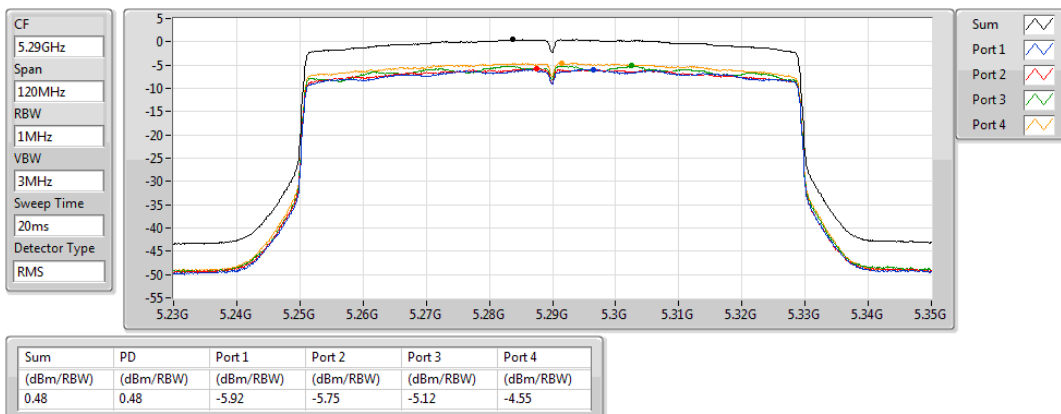


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

01/08/2019

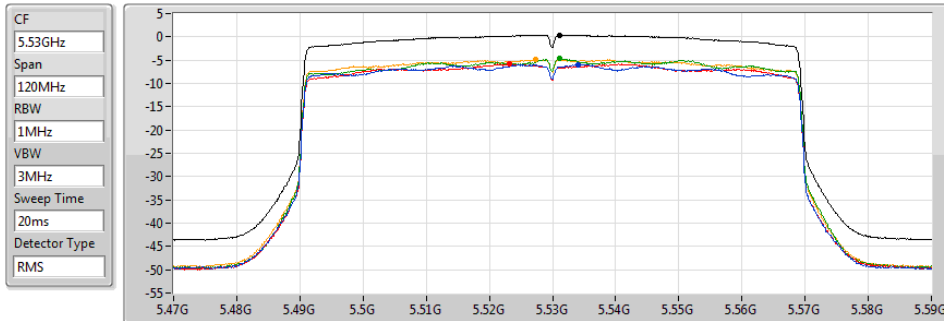


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

01/08/2019



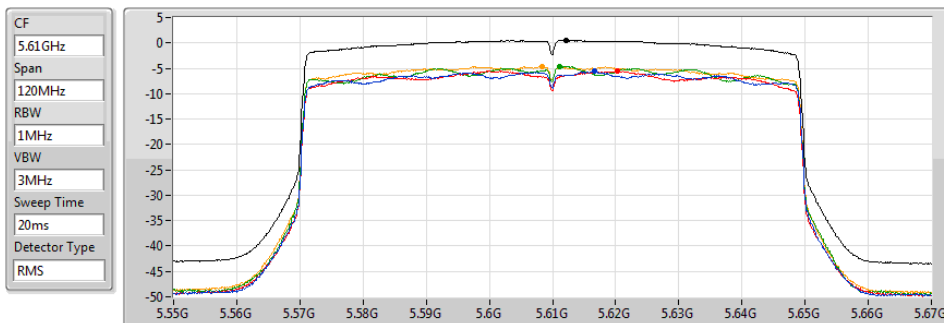
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.41	0.41	-5.92	-5.85	-4.67	-4.93

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

01/08/2019



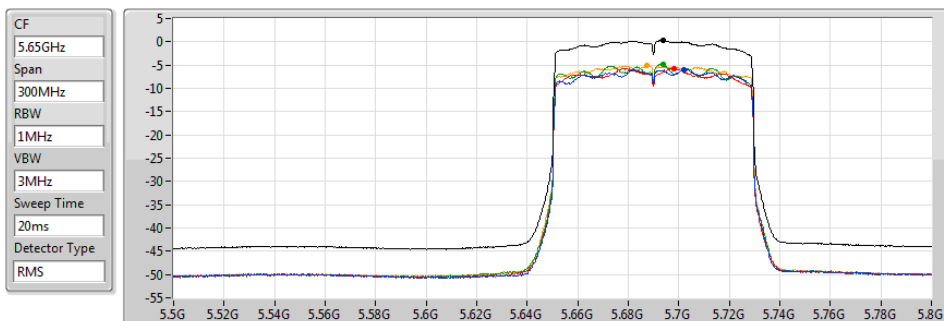
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.51	0.51	-5.60	-5.55	-4.61	-4.70

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

01/08/2019



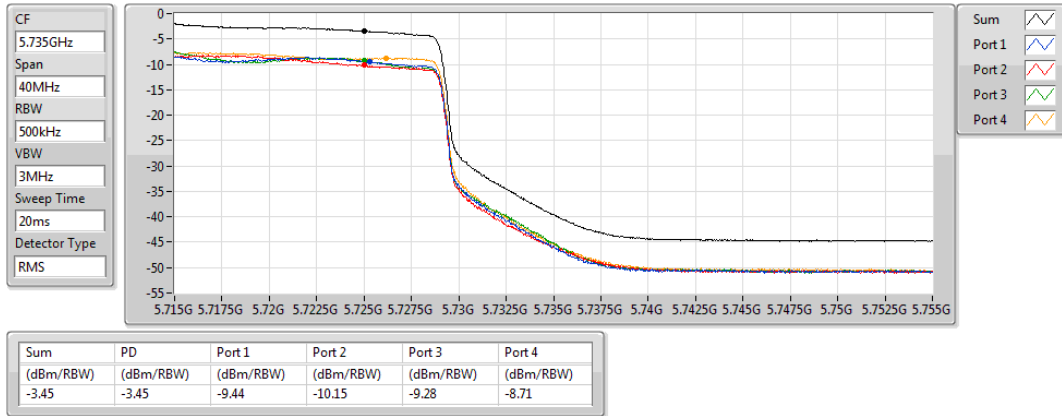
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.30	0.30	-5.93	-5.73	-4.84	-5.07

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

01/08/2019



Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-0.04
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-3.30
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-5.40
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.27
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-2.77
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-5.10
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-1.66
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-5.78
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-9.51

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	-	-	-	-	-	-	-	-
5260MHz	Pass	16.45	-6.28	-6.48	-5.76	-5.59	-0.14	0.55
5300MHz	Pass	16.45	-5.75	-6.64	-5.85	-5.53	-0.11	0.55
5320MHz	Pass	16.45	-5.99	-6.58	-5.69	-5.34	-0.04	0.55
5500MHz	Pass	16.45	-5.93	-5.91	-4.94	-5.21	-0.03	0.55
5580MHz	Pass	16.45	-6.28	-6.05	-4.93	-5.58	-0.14	0.55
5700MHz	Pass	16.45	-5.43	-5.35	-5.76	-5.21	0.27	0.55
5720MHz Straddle 5.47-5.725GHz	Pass	16.45	-5.76	-5.93	-6.22	-5.14	0.09	0.55
5720MHz Straddle 5.725-5.85GHz	Pass	16.45	-7.56	-7.76	-8.09	-6.90	-1.66	19.55
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	16.45	-9.76	-9.49	-8.97	-8.47	-3.30	0.55
5310MHz	Pass	16.45	-9.33	-9.61	-8.79	-8.47	-3.35	0.55
5510MHz	Pass	16.45	-9.13	-9.46	-8.31	-8.75	-3.30	0.55
5550MHz	Pass	16.45	-9.86	-9.21	-8.05	-8.89	-3.46	0.55
5670MHz	Pass	16.45	-7.35	-10.14	-10.82	-8.67	-3.15	0.55
5710MHz Straddle 5.47-5.725GHz	Pass	16.45	-8.90	-8.83	-8.73	-7.74	-2.77	0.55
5710MHz Straddle 5.725-5.85GHz	Pass	16.45	-11.89	-11.92	-12.67	-10.76	-5.78	19.55
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	16.45	-12.44	-10.28	-10.09	-11.47	-5.40	0.55
5530MHz	Pass	16.45	-12.56	-12.09	-9.64	-11.85	-5.98	0.55
5610MHz	Pass	16.45	-12.39	-12.38	-9.69	-11.44	-6.04	0.55
5690MHz Straddle 5.47-5.725GHz	Pass	16.45	-11.45	-10.01	-10.23	-11.37	-5.10	0.55
5690MHz Straddle 5.725-5.85GHz	Pass	16.45	-14.95	-16.11	-16.14	-14.86	-9.51	19.55

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

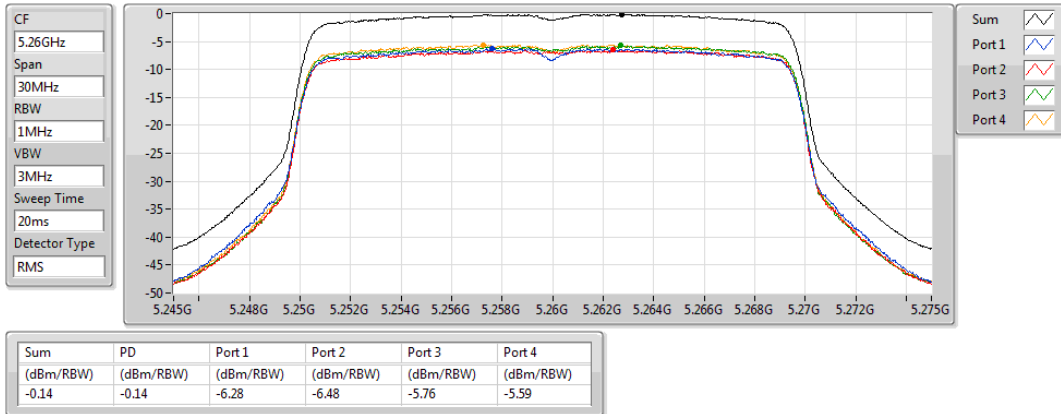
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

03/08/2019

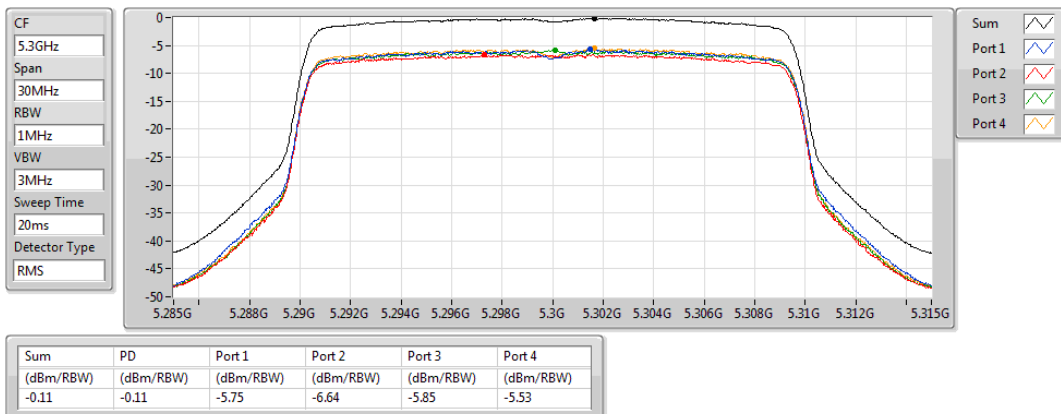


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

03/08/2019

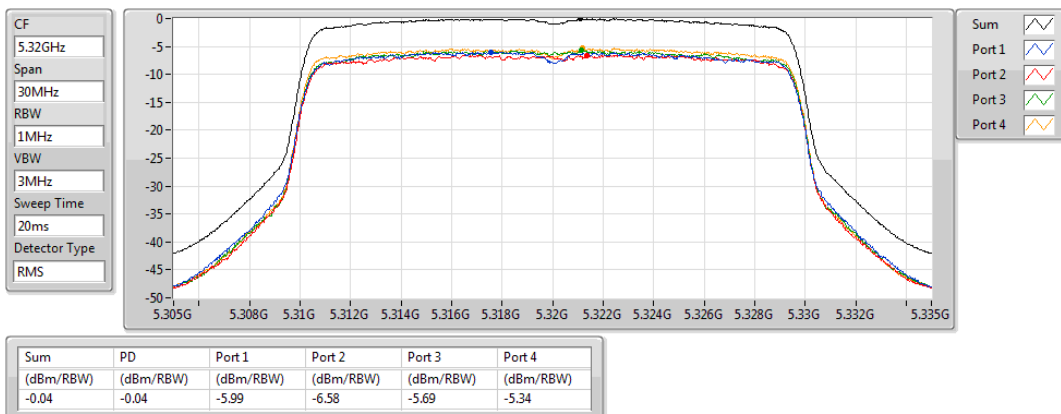


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

03/08/2019

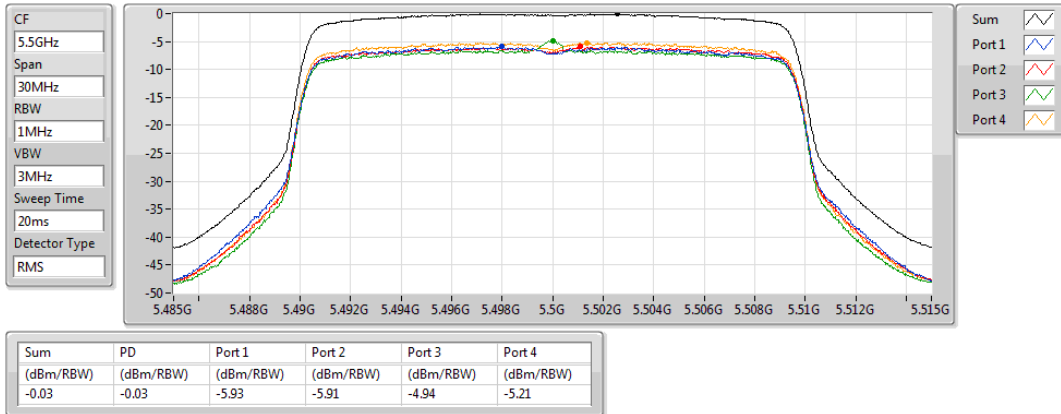


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

03/08/2019

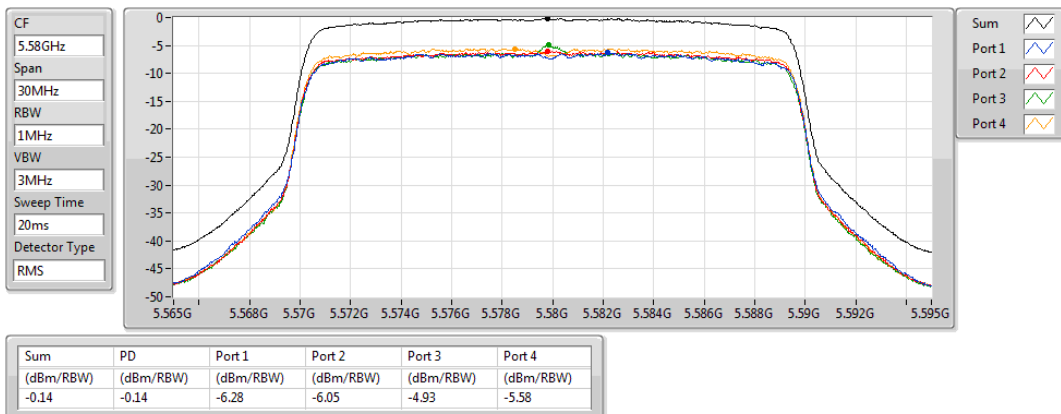


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

03/08/2019

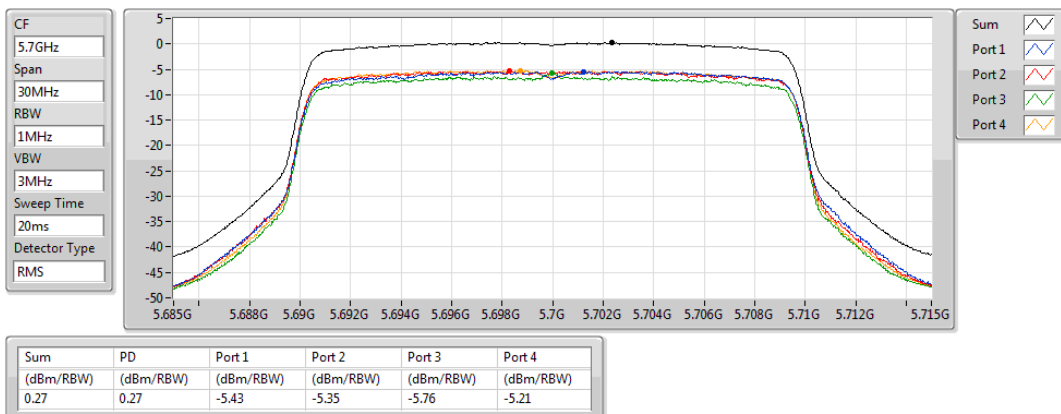


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

05/08/2019

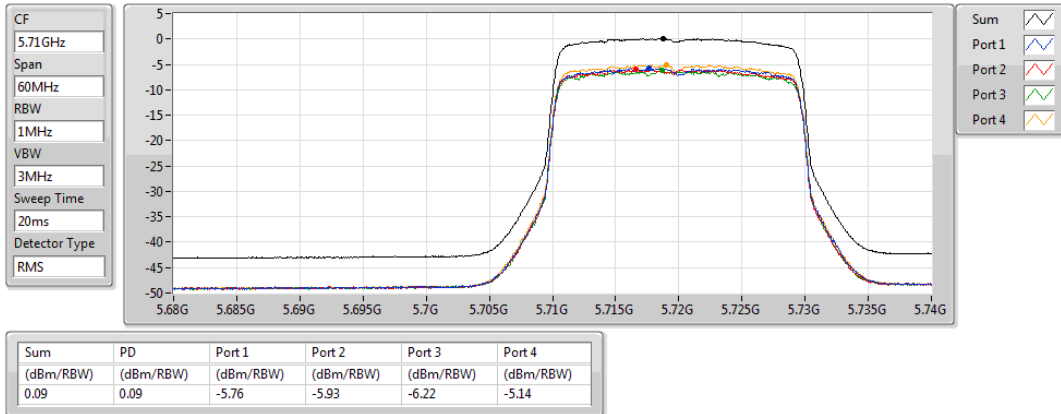


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

05/08/2019

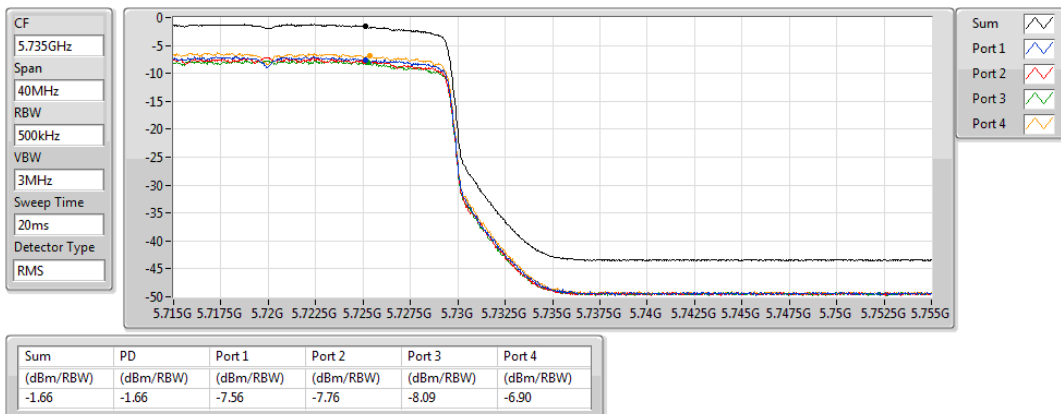


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

05/08/2019

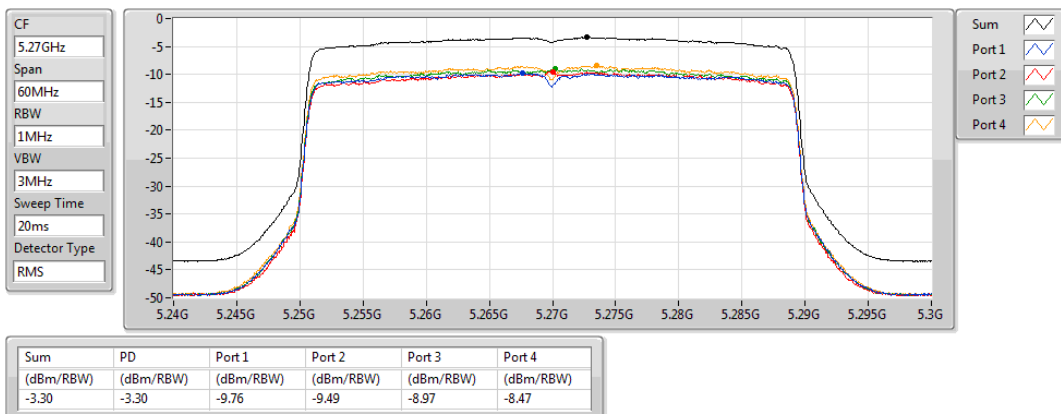


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

05/08/2019

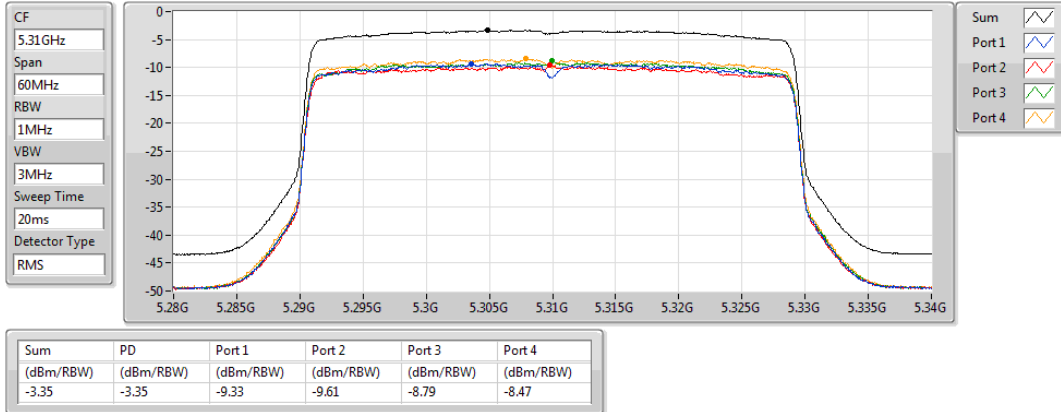


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

05/08/2019

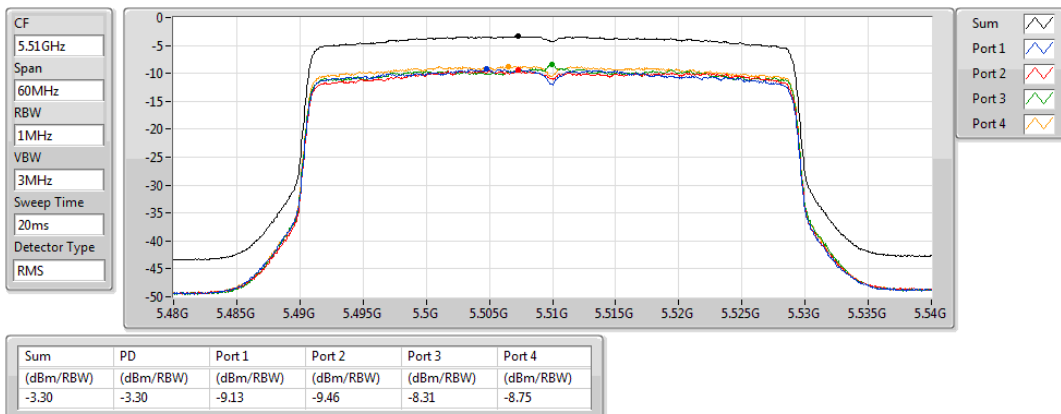


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

05/08/2019

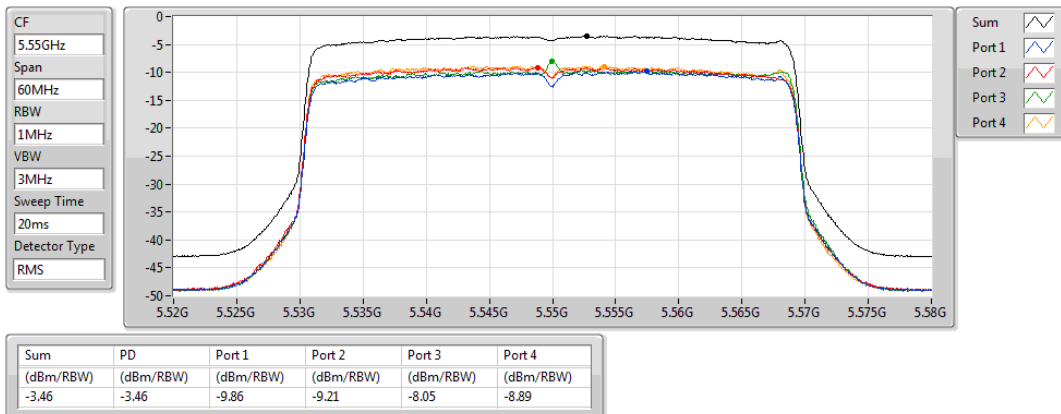


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

05/08/2019

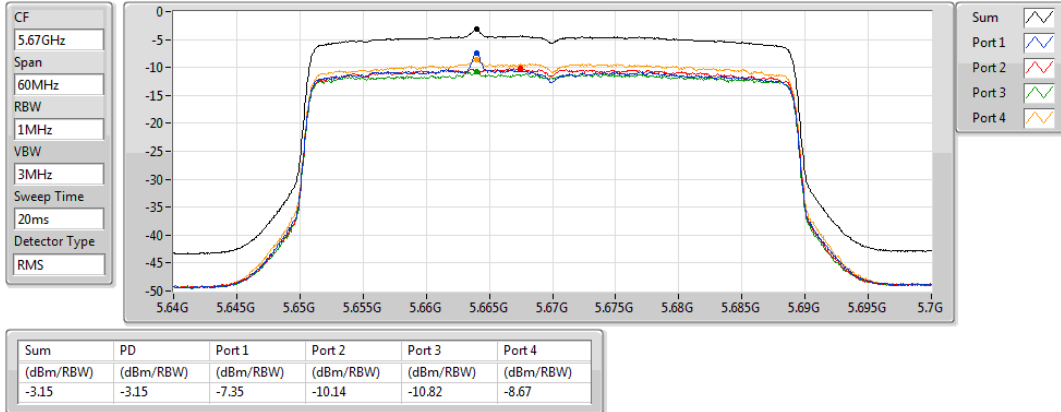


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

05/08/2019

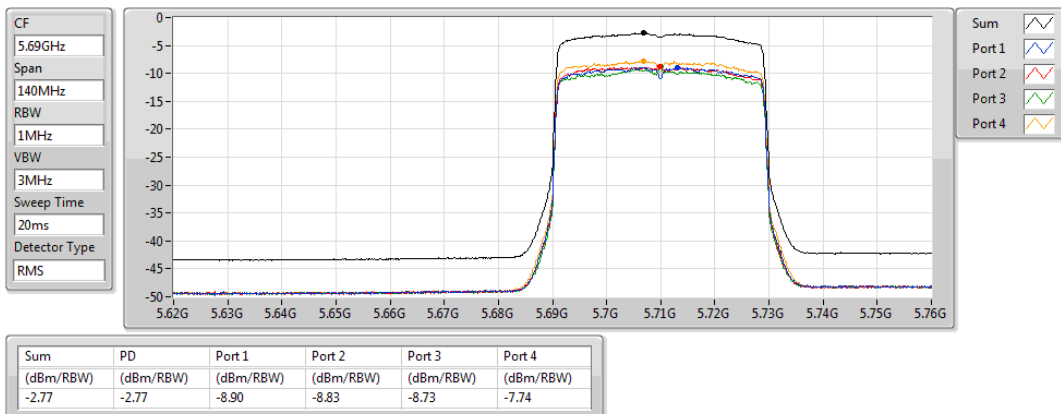


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

05/08/2019

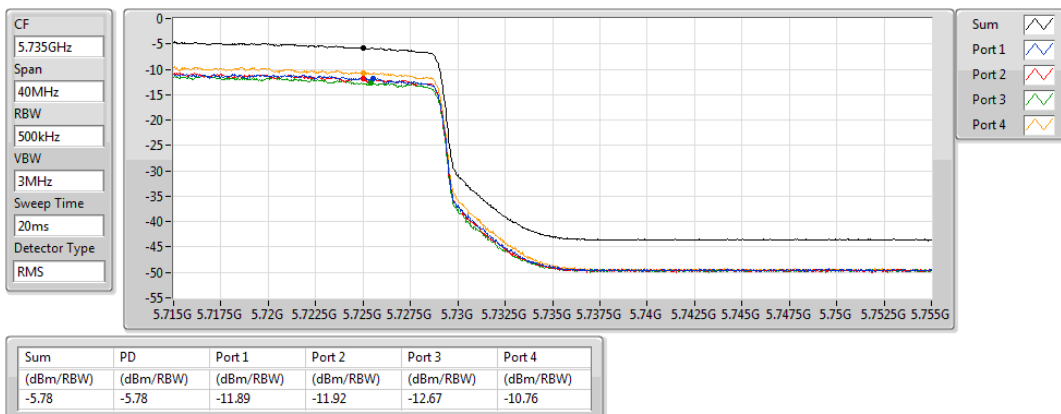


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

05/08/2019

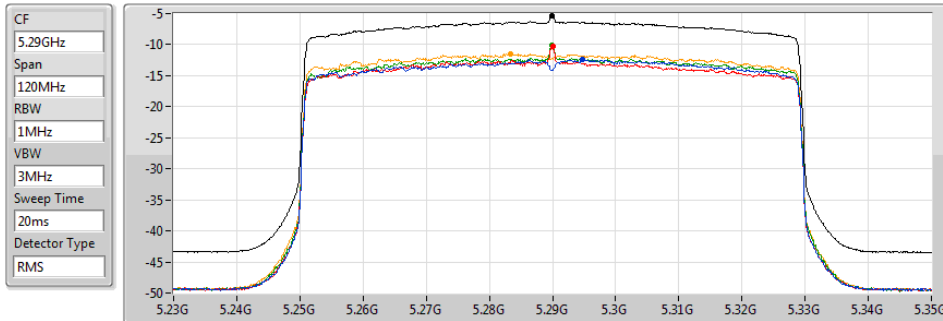


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

05/08/2019



Sum
Port 1
Port 2
Port 3
Port 4

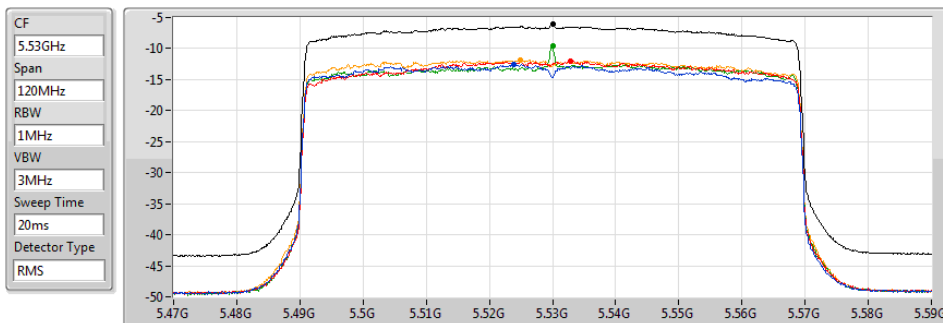
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.40	-5.40	-12.44	-10.28	-10.09	-11.47

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

05/08/2019



Sum
Port 1
Port 2
Port 3
Port 4

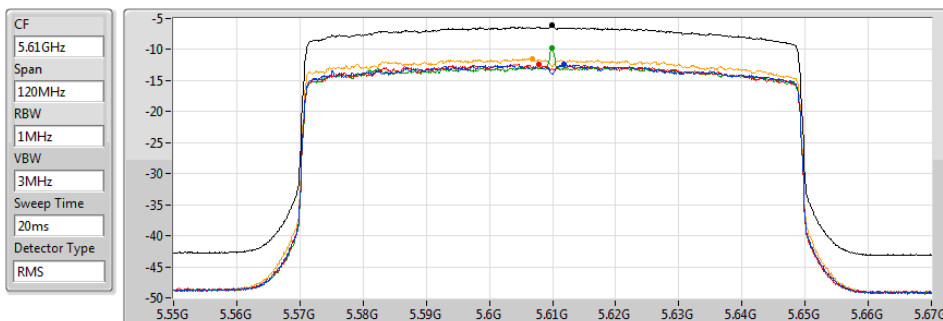
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.98	-5.98	-12.56	-12.09	-9.64	-11.85

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

05/08/2019



Sum
Port 1
Port 2
Port 3
Port 4

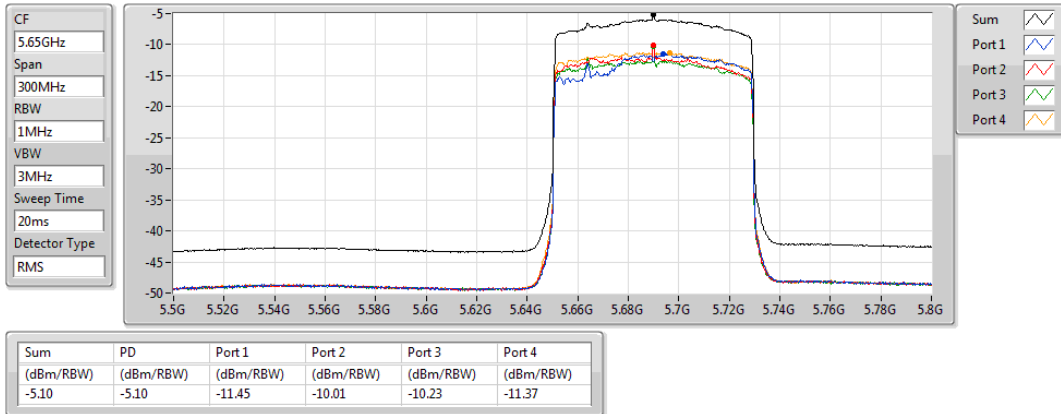
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.04	-6.04	-12.39	-12.38	-9.69	-11.44

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

05/08/2019

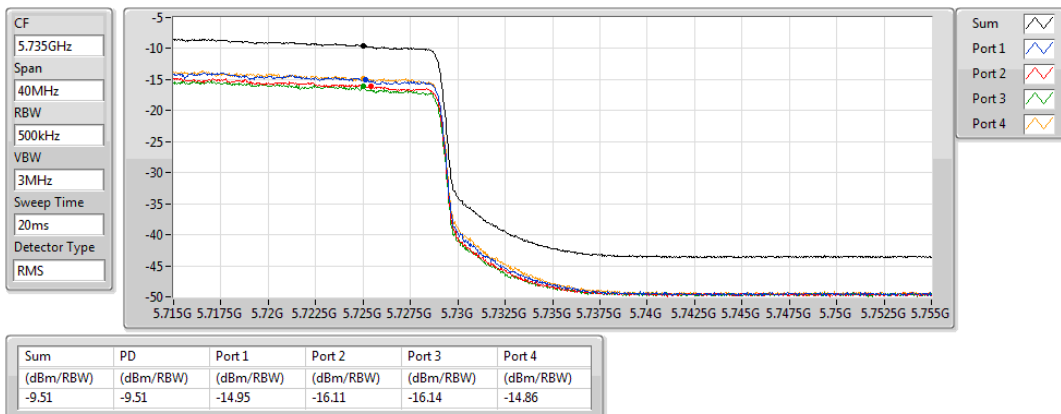


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

05/08/2019





RSE TX above 1GHz Result_Radiated Emission / Antenna Set 2 Appendix D.1

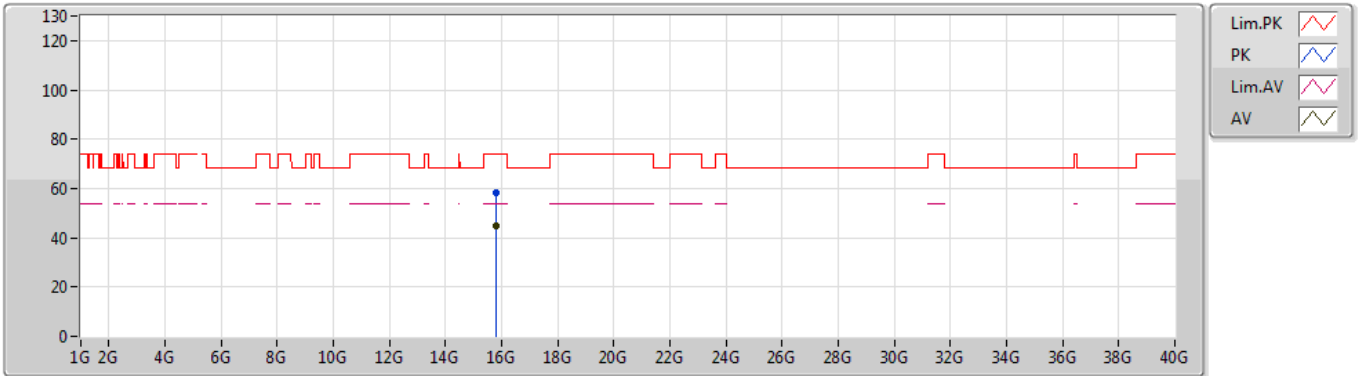
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
5.25-5.35GHz	-	-	-	-	-	-	-	-	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	Pass	AV	15.7878G	44.74	54.00	-9.26	15.42	3	Vertical	78	1.99	-

802.11a_Nss1,(6Mbps)_4TX

19/07/2019

5260MHz_TX



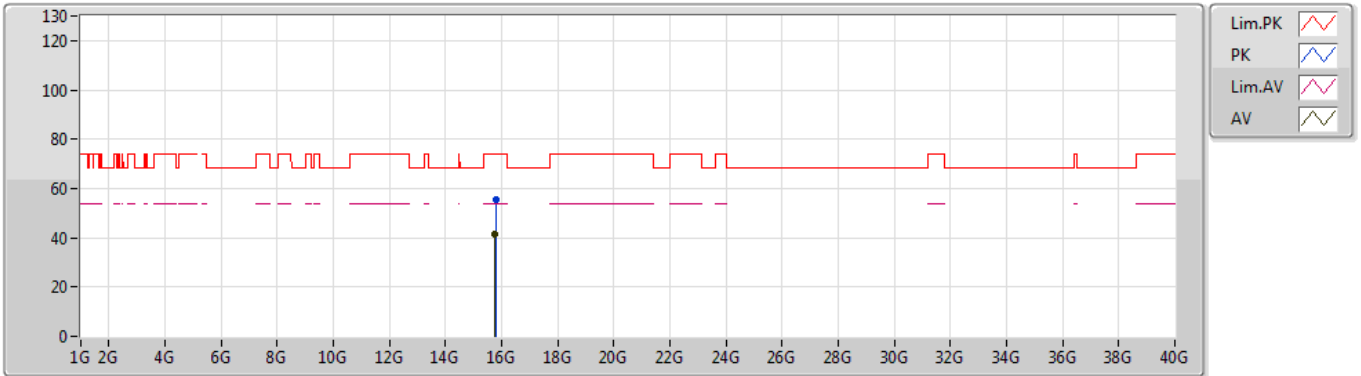
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.78822G	58.45	74.00	-15.55	15.41	3	Vertical	78	1.99	-				
AV	15.7878G	44.74	54.00	-9.26	15.42	3	Vertical	78	1.99	-				

802.11a_Nss1,(6Mbps)_4TX

19/07/2019

5260MHz_TX



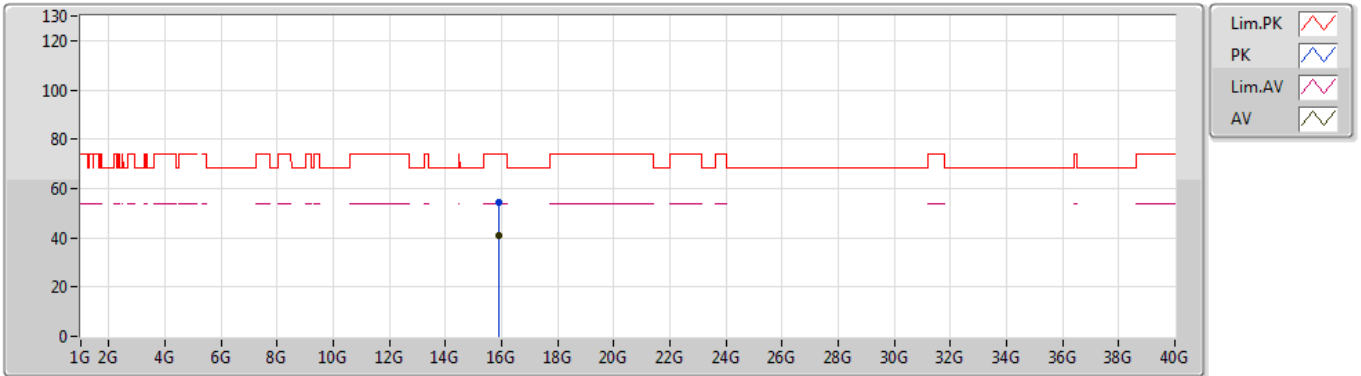
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.78G	55.58	74.00	-18.42	15.44	3	Horizontal	62	2.59	-				
AV	15.7698G	41.68	54.00	-12.32	15.46	3	Horizontal	62	2.59	-				

802.11a_Nss1,(6Mbps)_4TX

19/07/2019

5300MHz_TX



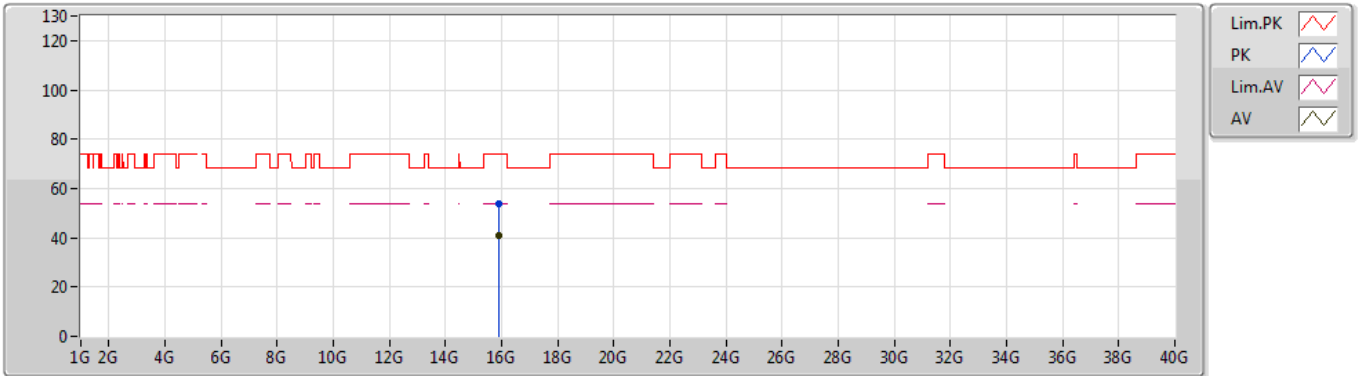
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.90732G	54.55	74.00	-19.45	15.11	3	Vertical	72	1.99	-				
AV	15.9072G	40.99	54.00	-13.01	15.11	3	Vertical	72	1.99	-				

802.11a_Nss1,(6Mbps)_4TX

19/07/2019

5300MHz_TX



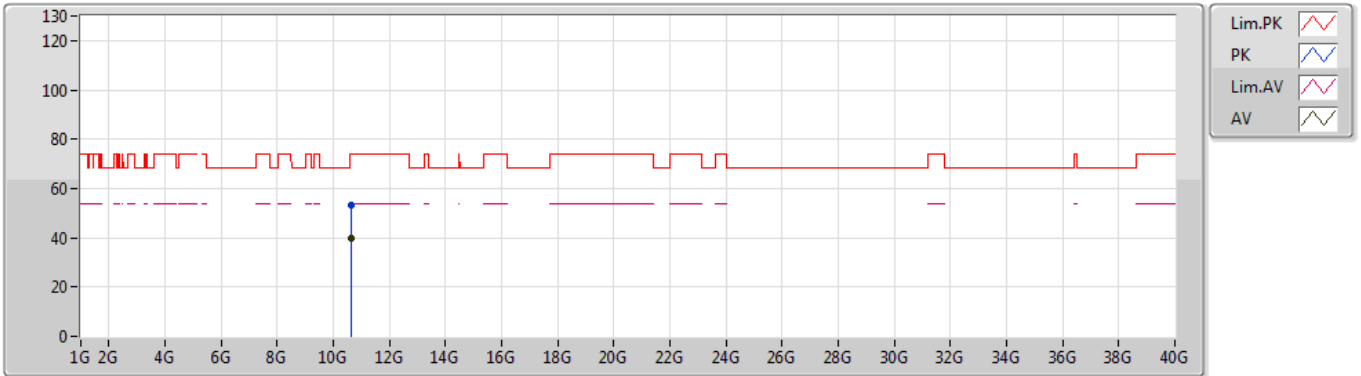
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment			
PK	15.89556G	53.99	74.00	-20.01	15.14	3	Horizontal	233	1.63	-			
AV	15.89994G	40.81	54.00	-13.19	15.13	3	Horizontal	233	1.63	-			

802.11a_Nss1,(6Mbps)_4TX

19/07/2019

5320MHz_TX



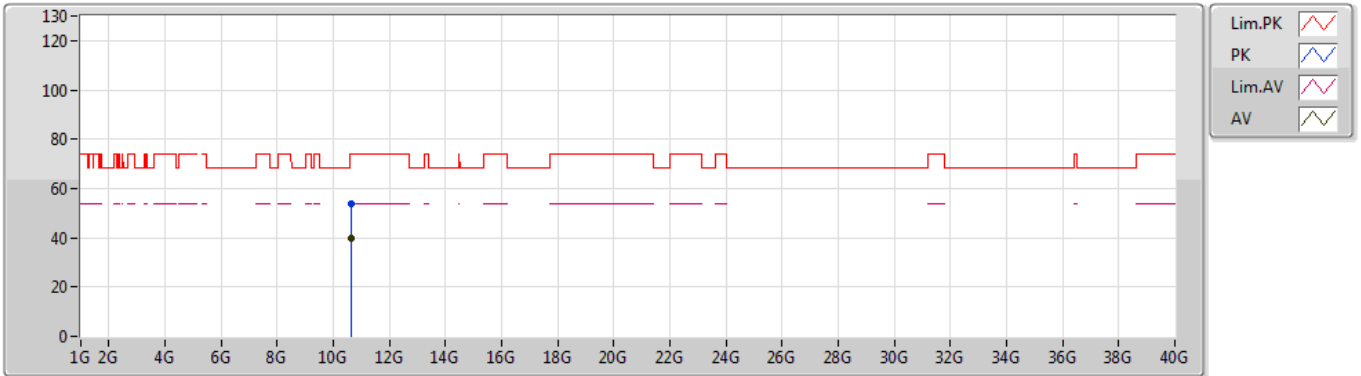
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.6409G	53.10	74.00	-20.90	14.49	3	Vertical	76	1.54	-				
AV	10.64324G	39.96	54.00	-14.04	14.49	3	Vertical	76	1.54	-				

802.11a_Nss1,(6Mbps)_4TX

19/07/2019

5320MHz_TX



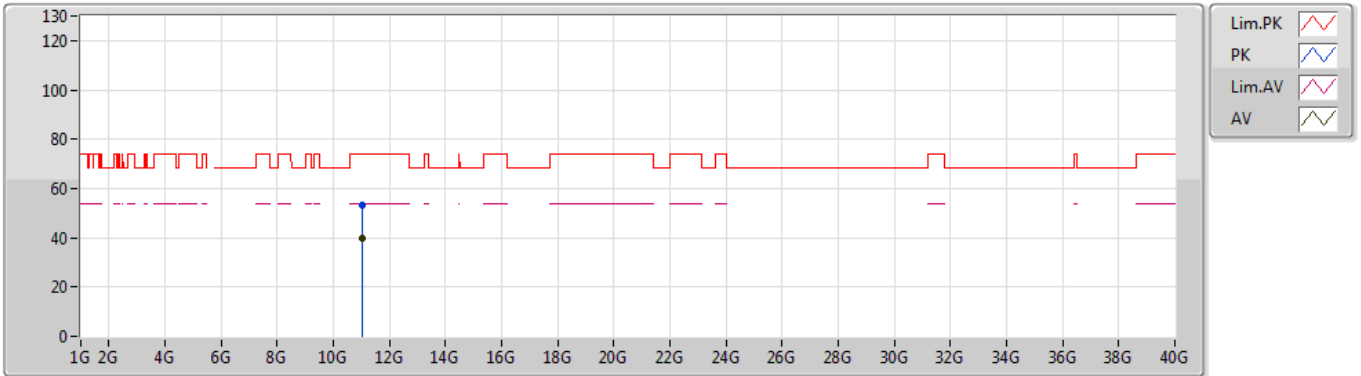
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.63568G	53.65	74.00	-20.35	14.50	3	Horizontal	41	1.34	-				
AV	10.62542G	39.93	54.00	-14.07	14.49	3	Horizontal	41	1.34	-				

802.11a_Nss1,(6Mbps)_4TX

19/07/2019

5500MHz_TX



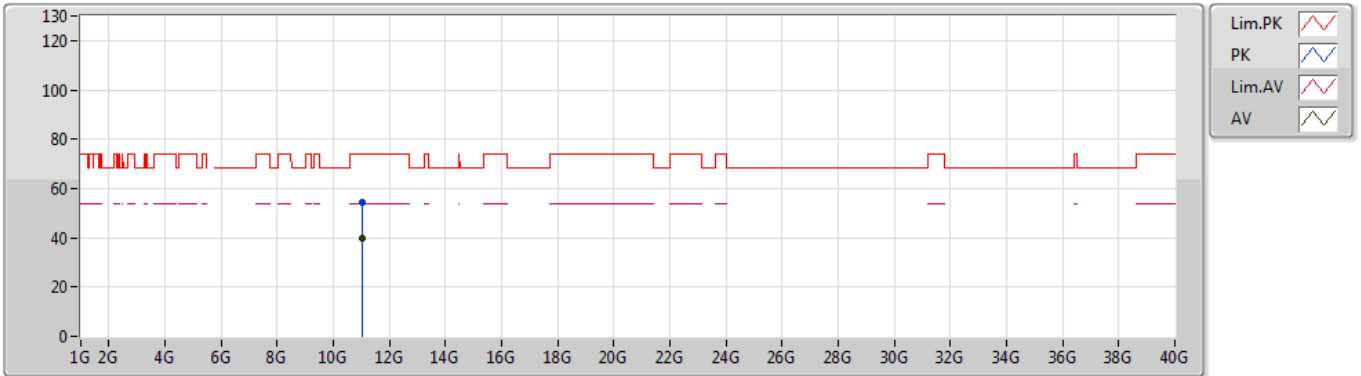
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.01242G	53.15	74.00	-20.85	14.28	3	Vertical	100	2.00	-				
AV	11.01272G	39.63	54.00	-14.37	14.28	3	Vertical	100	2.00	-				

802.11a_Nss1,(6Mbps)_4TX

19/07/2019

5500MHz_TX



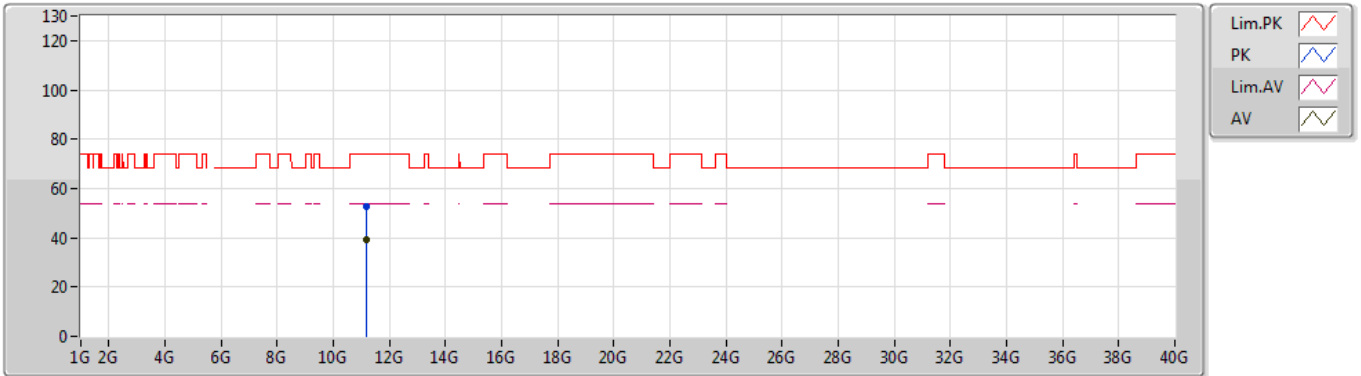
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.0093G	54.20	74.00	-19.80	14.27	3	Horizontal	282	2.13	-				
AV	11.01254G	39.80	54.00	-14.20	14.28	3	Horizontal	282	2.13	-				

802.11a_Nss1,(6Mbps)_4TX

19/07/2019

5580MHz_TX



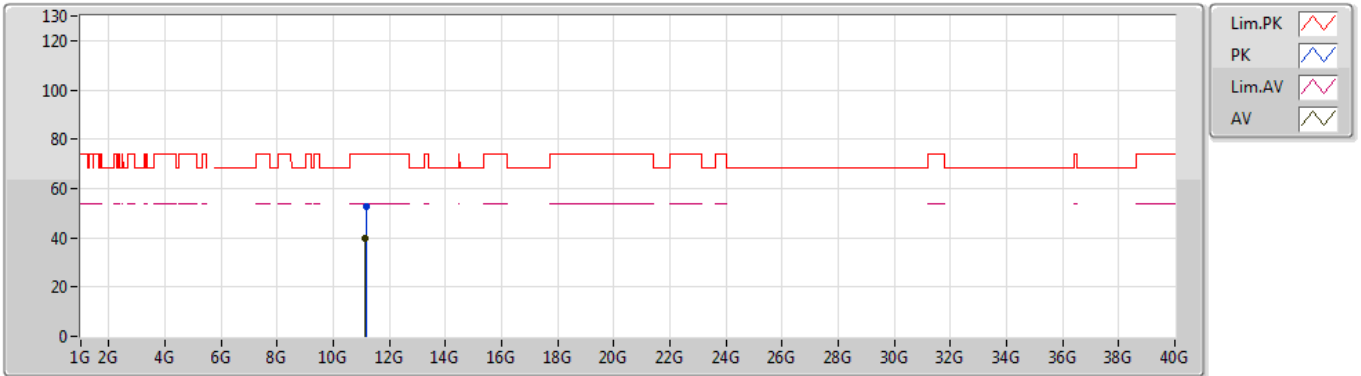
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.16012G	52.75	74.00	-21.25	14.46	3	Vertical	67	1.45	-				
AV	11.163G	39.47	54.00	-14.53	14.47	3	Vertical	67	1.45	-				

802.11a_Nss1,(6Mbps)_4TX

19/07/2019

5580MHz_TX



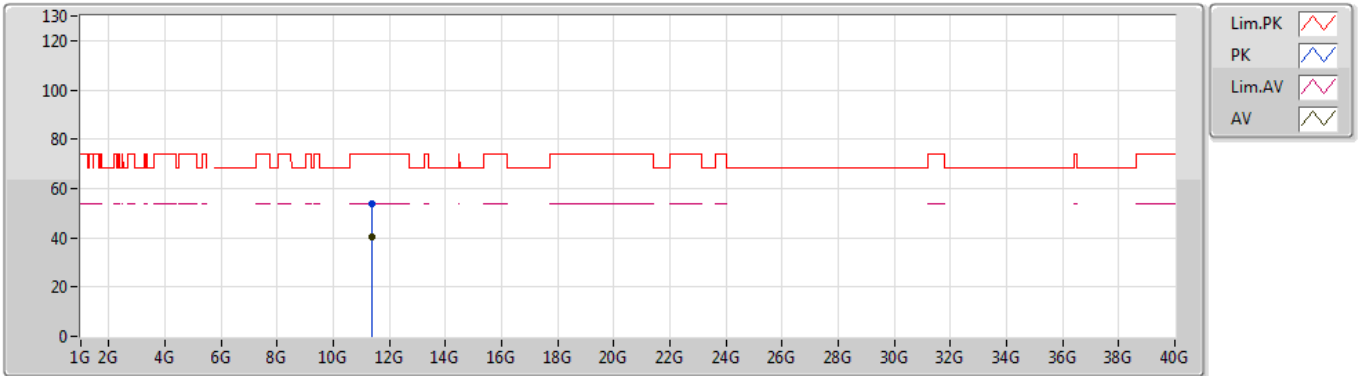
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.15658G	52.80	74.00	-21.20	14.46	3	Horizontal	110	1.29	-				
AV	11.15496G	39.54	54.00	-14.46	14.45	3	Horizontal	110	1.29	-				

802.11a_Nss1,(6Mbps)_4TX

19/07/2019

5700MHz_TX



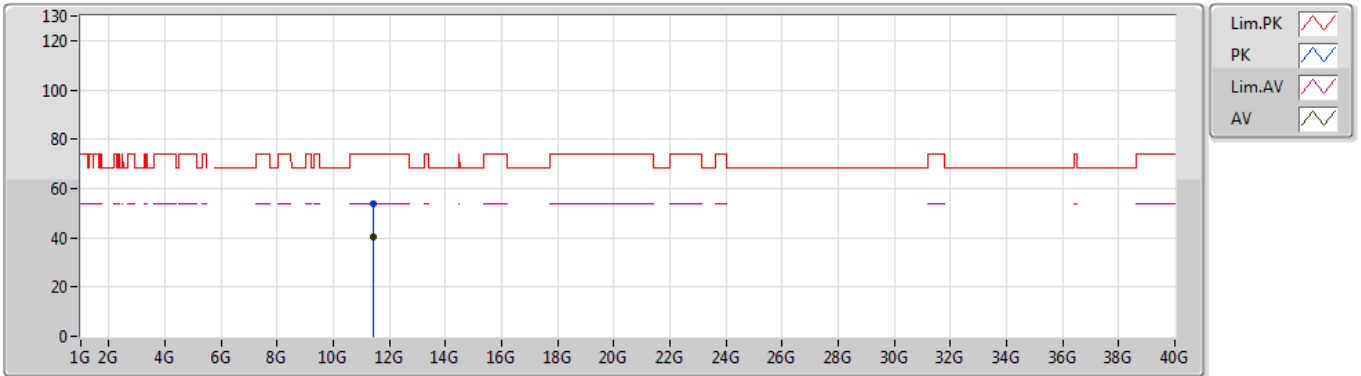
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.3922G	53.62	74.00	-20.38	14.76	3	Vertical	255	1.88	-				
AV	11.39388G	40.49	54.00	-13.51	14.77	3	Vertical	255	1.88	-				

802.11a_Nss1,(6Mbps)_4TX

19/07/2019

5700MHz_TX



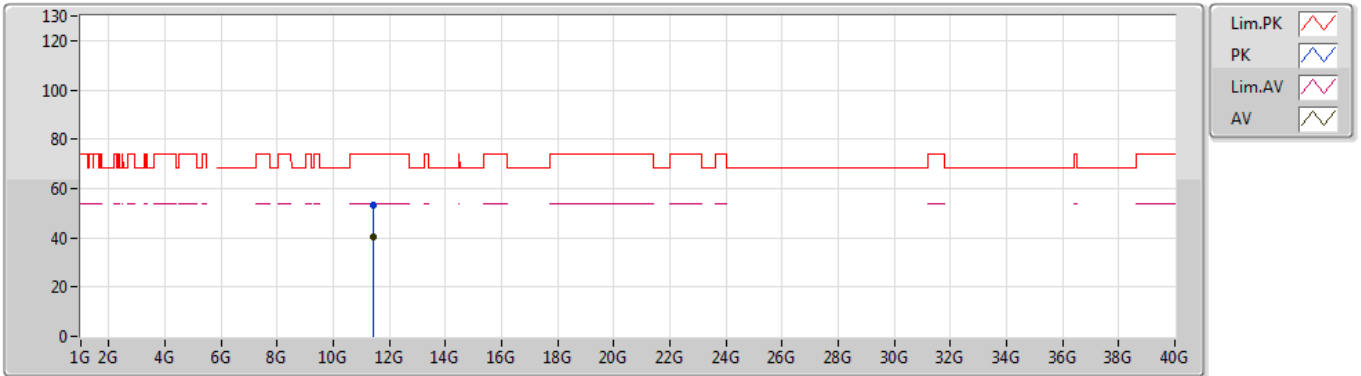
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.40252G	54.02	74.00	-19.98	14.77	3	Horizontal	184	1.89	-				
AV	11.40912G	40.29	54.00	-13.71	14.79	3	Horizontal	184	1.89	-				

802.11a_Nss1,(6Mbps)_4TX

19/07/2019

5720MHz Straddle 5.47-5.725GHz_TX



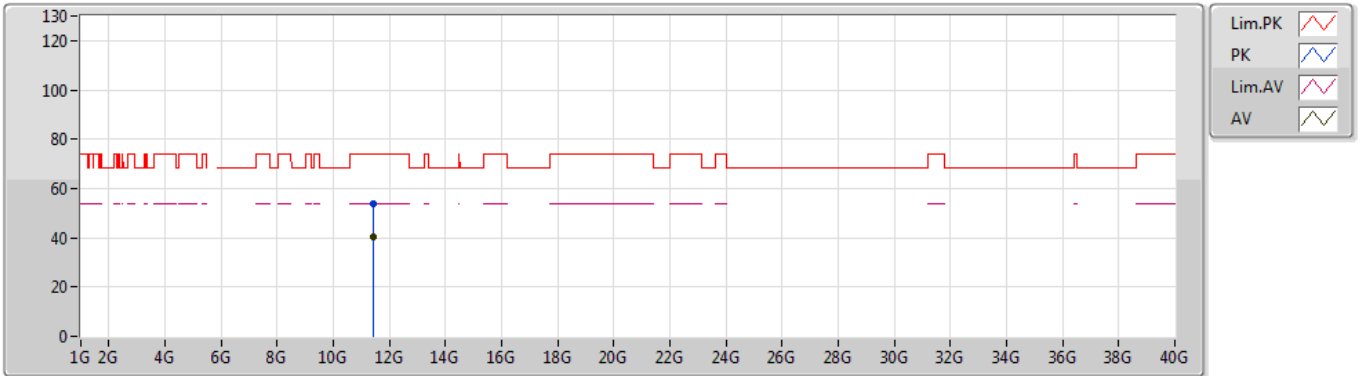
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.44768G	53.40	74.00	-20.60	14.84	3	Vertical	42	2.34	-				
AV	11.4271G	40.29	54.00	-13.71	14.81	3	Vertical	42	2.34	-				

802.11a_Nss1,(6Mbps)_4TX

19/07/2019

5720MHz Straddle 5.47-5.725GHz_TX



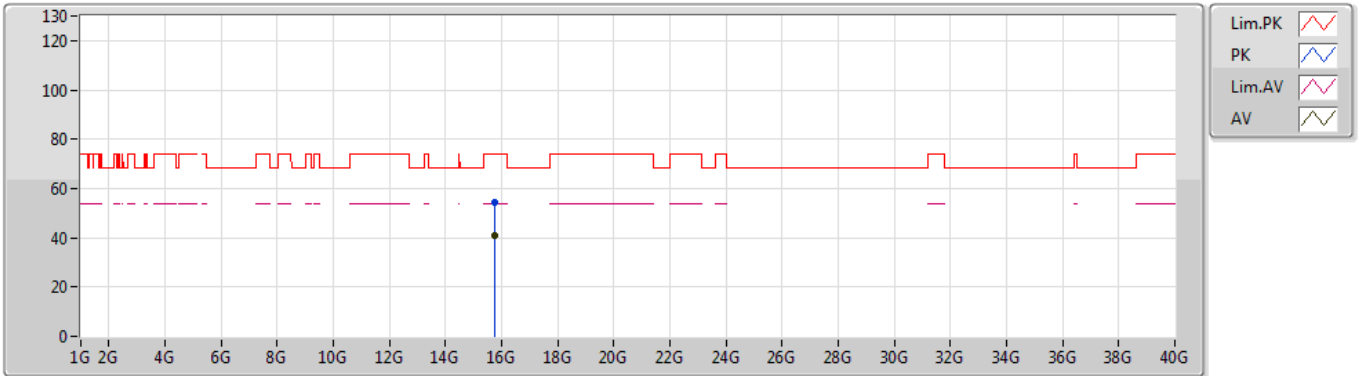
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	11.43172G	53.61	74.00	-20.39	14.82	3	Horizontal	306	2.07	-				
AV	11.43838G	40.42	54.00	-13.58	14.82	3	Horizontal	306	2.07	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

19/07/2019

5260MHz_TX



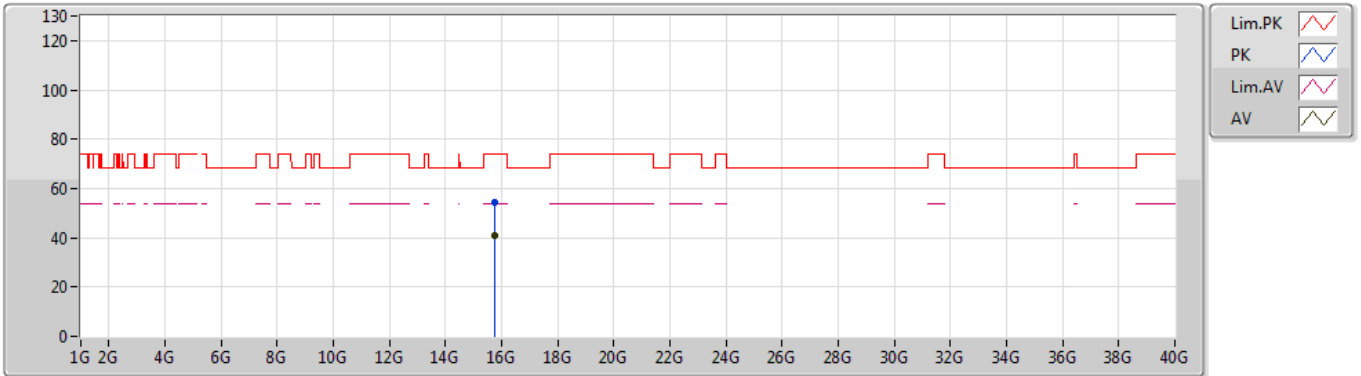
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.76872G	54.59	74.00	-19.41	15.46	3	Vertical	26	1.34	-				
AV	15.76722G	40.77	54.00	-13.23	15.47	3	Vertical	26	1.34	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

19/07/2019

5260MHz_TX



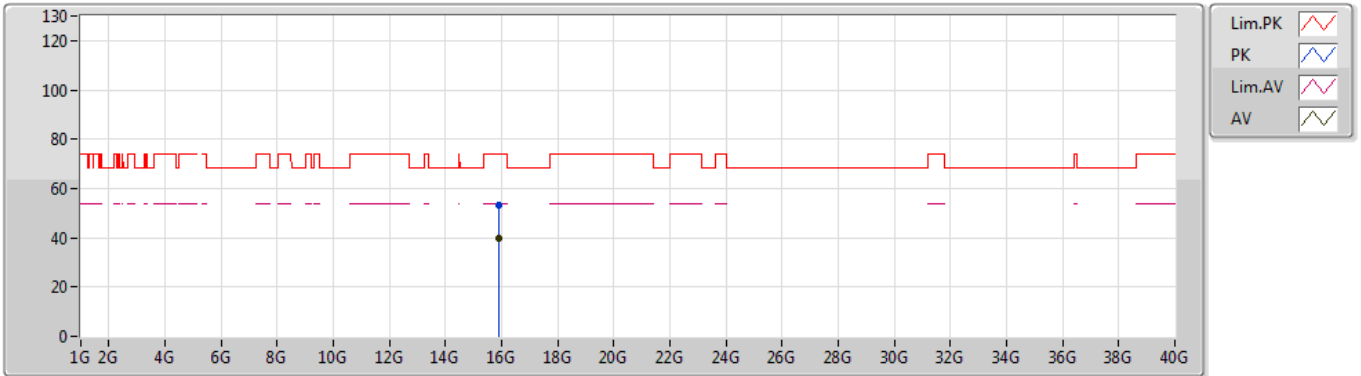
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.7695G	54.38	74.00	-19.62	15.46	3	Horizontal	254	1.08	-				
AV	15.76566G	40.76	54.00	-13.24	15.47	3	Horizontal	254	1.08	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

19/07/2019

5300MHz_TX



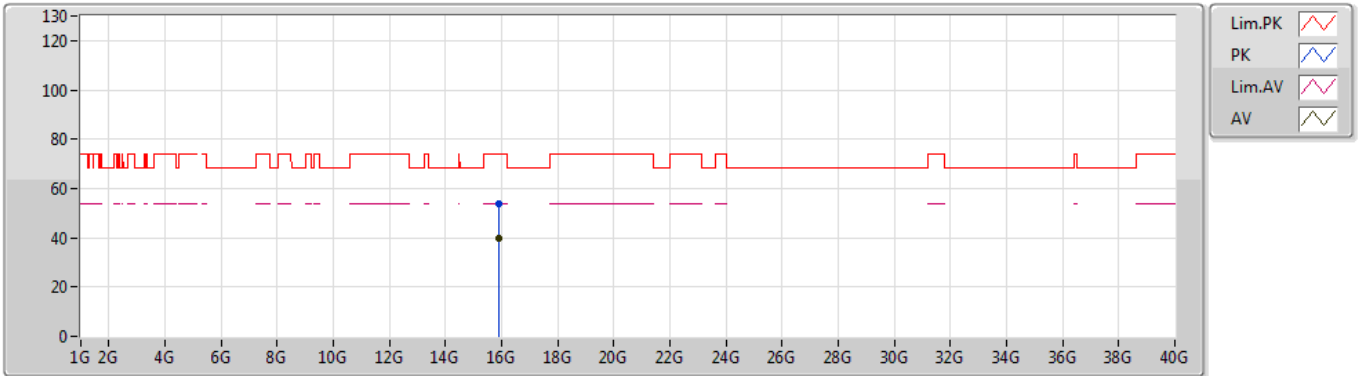
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.90414G	53.45	74.00	-20.55	15.12	3	Vertical	185	2.48	-				
AV	15.8904G	39.99	54.00	-14.01	15.15	3	Vertical	185	2.48	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

19/07/2019

5300MHz_TX



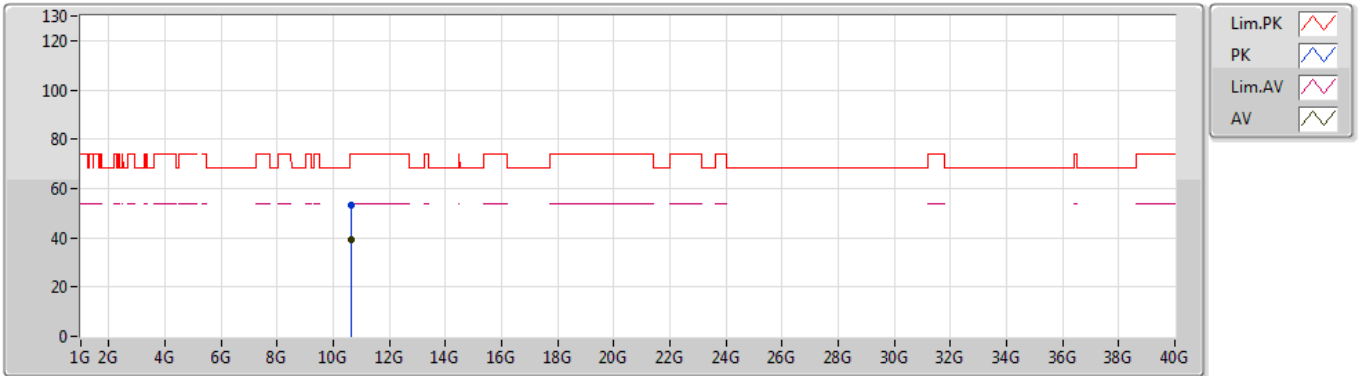
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	15.90384G	54.00	74.00	-20.00	15.12	3	Horizontal	165	1.88	-				
AV	15.88842G	39.77	54.00	-14.23	15.15	3	Horizontal	165	1.88	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

19/07/2019

5320MHz_TX



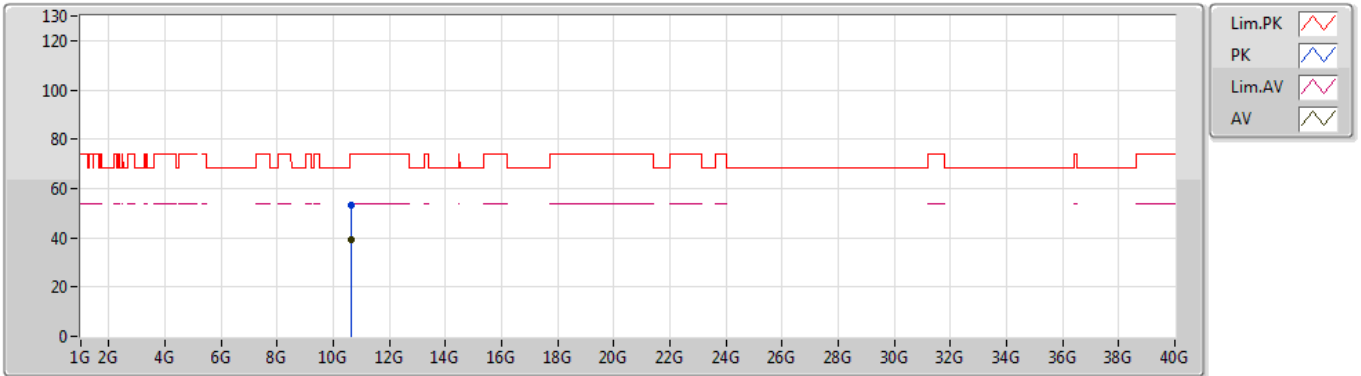
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.63076G	53.18	74.00	-20.82	14.49	3	Vertical	116	1.67	-				
AV	10.63706G	39.35	54.00	-14.65	14.49	3	Vertical	116	1.67	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

19/07/2019

5320MHz_TX



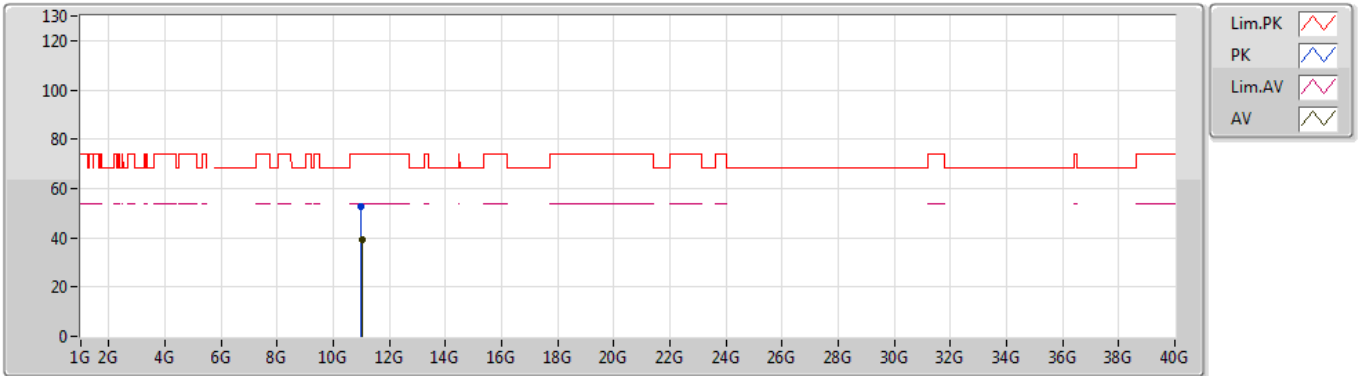
EUT_Z_4TX
Setting 27
02-J-5
FSU(100015)

Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment				
PK	10.64348G	53.32	74.00	-20.68	14.49	3	Horizontal	333	2.21	-				
AV	10.64126G	39.39	54.00	-14.61	14.49	3	Horizontal	333	2.21	-				

802.11ax HEW20_Nss1,(MCS0)_4TX

19/07/2019

5500MHz_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	10.98686G	52.88	74.00	-21.12	14.27	3	Vertical	216	1.54	-				
AV	11.01104G	39.11	54.00	-14.89	14.28	3	Vertical	216	1.54	-				