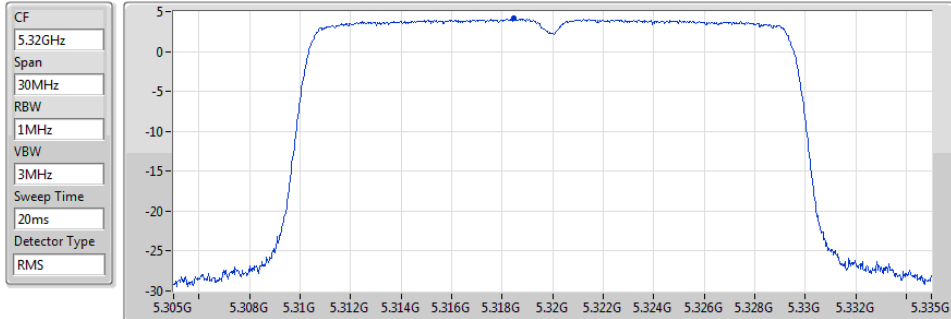


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

02/11/2019



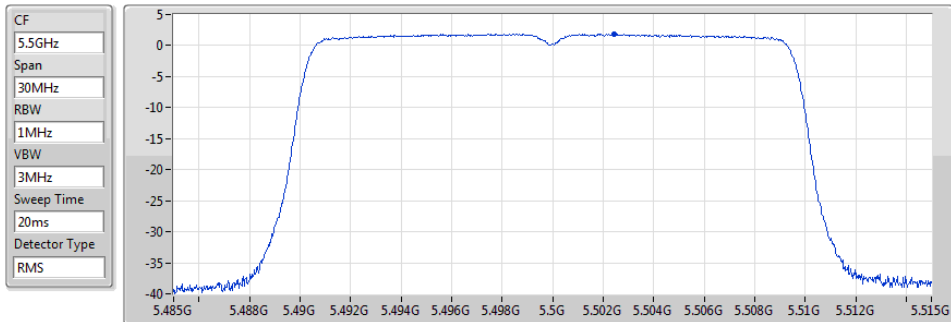
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.21	4.21	4.21

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

02/11/2019



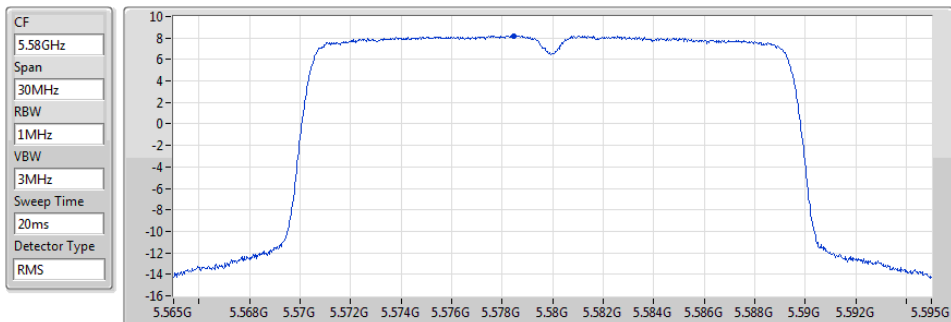
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.86	1.86	1.86

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

02/11/2019



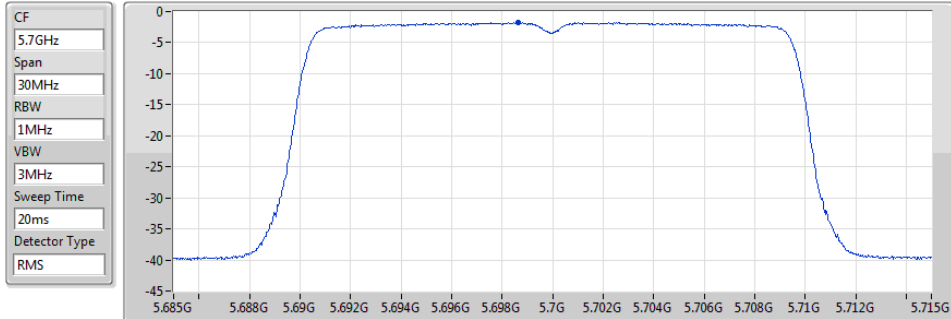
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.21	8.21	8.21

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

02/11/2019

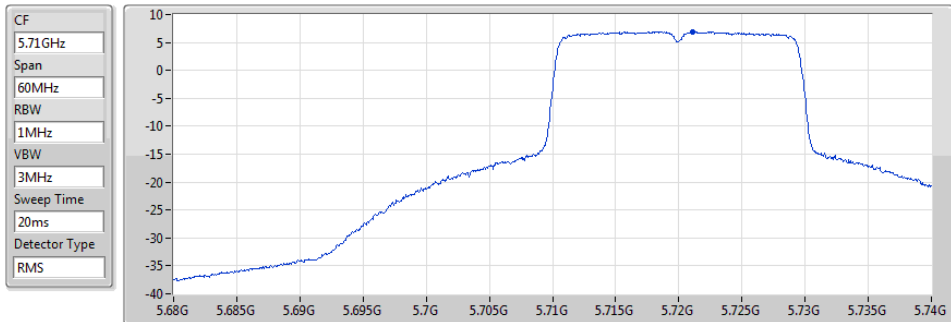


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

02/11/2019

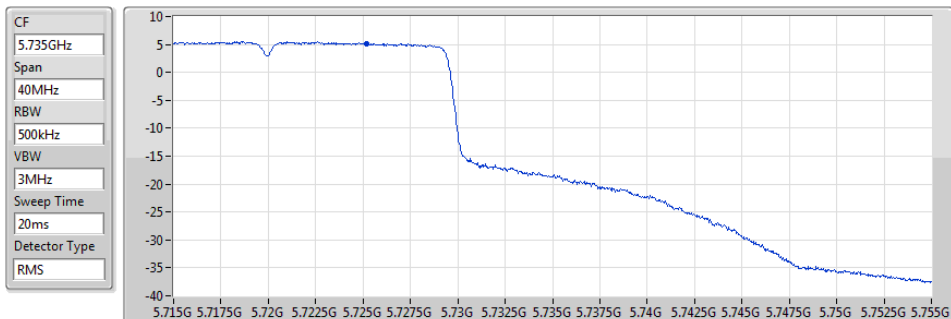


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

02/11/2019

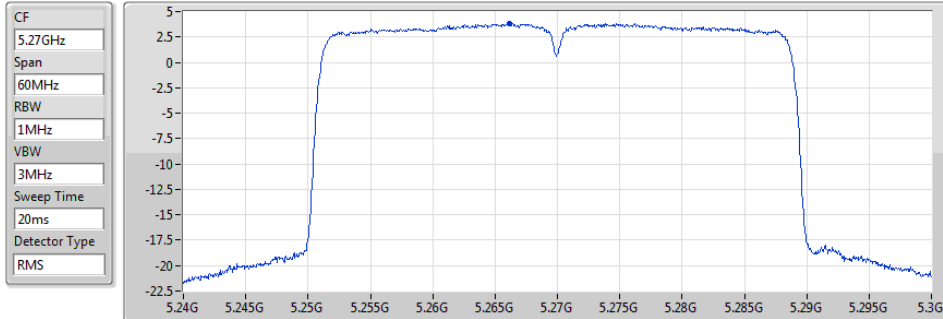


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

02/11/2019



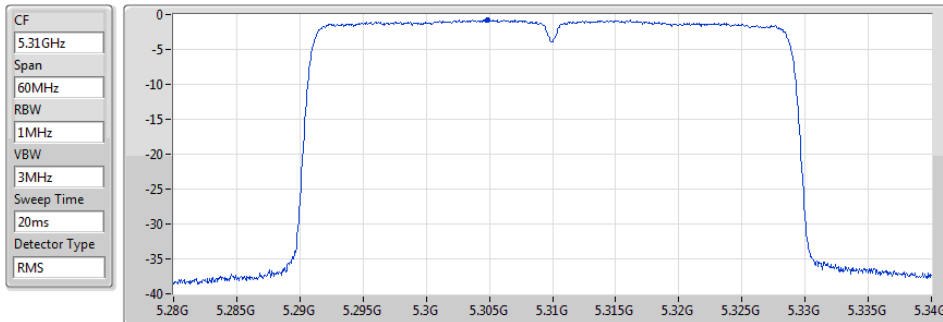
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.84	3.84	3.84

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

02/11/2019



Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.77	-0.77	-0.77

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

02/11/2019



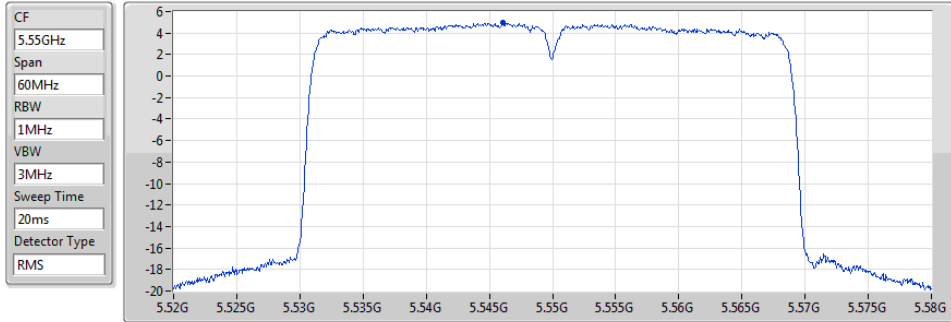
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.73	-1.73	-1.73

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

02/11/2019



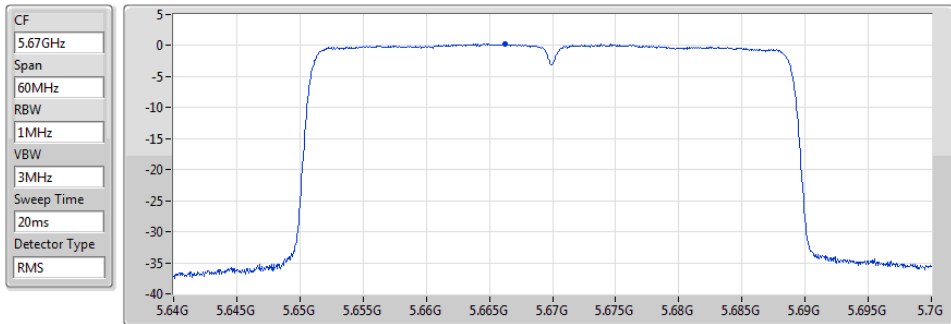
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.94	4.94	4.94

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

02/11/2019



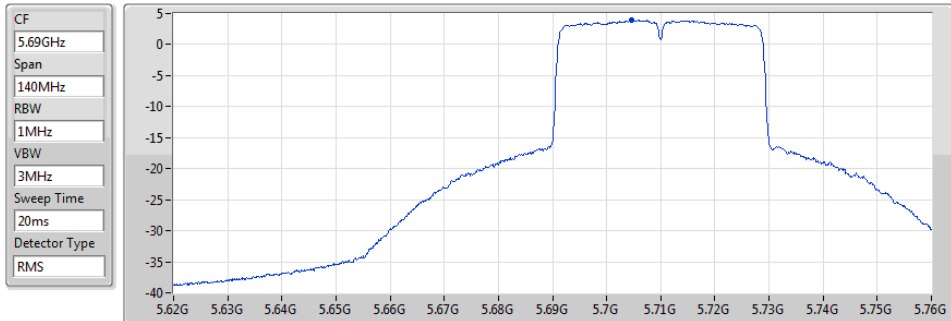
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.24	0.24	0.24

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

02/11/2019



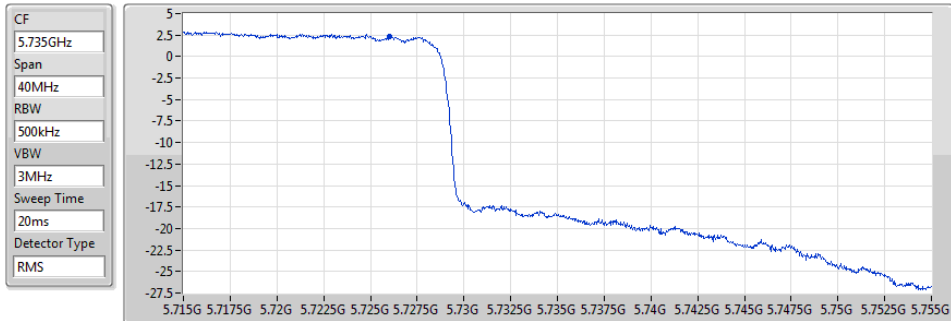
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.90	3.90	3.90

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

02/11/2019



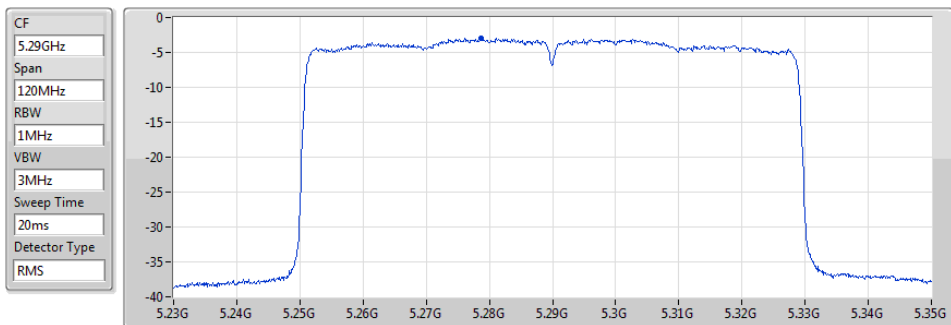
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.36	2.36	2.36

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

02/11/2019



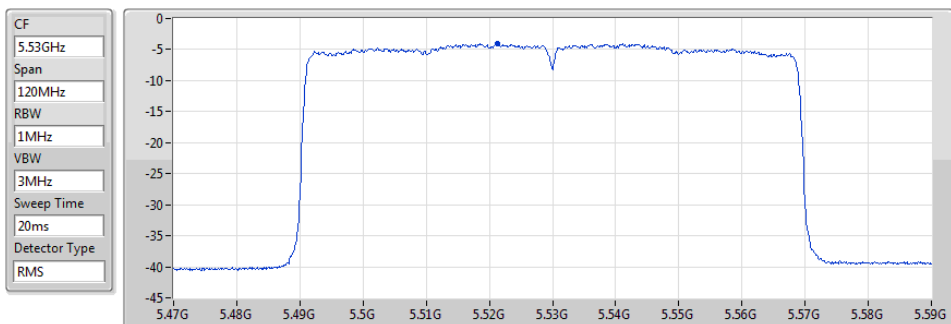
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.93	-2.93	-2.93

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

02/11/2019



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.10	-4.10	-4.10

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

02/11/2019



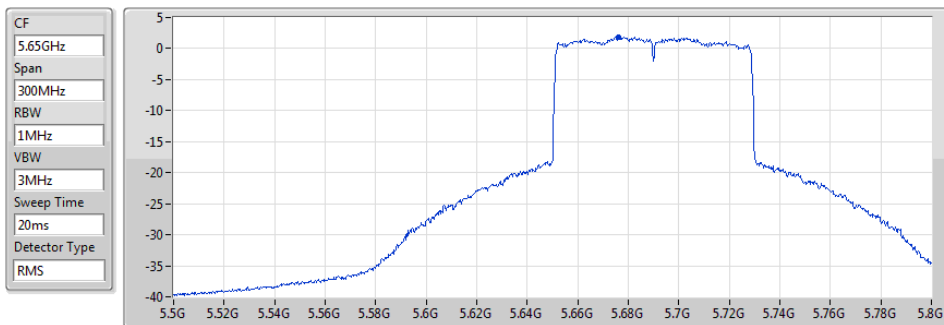
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.03	0.03	0.03

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

02/11/2019



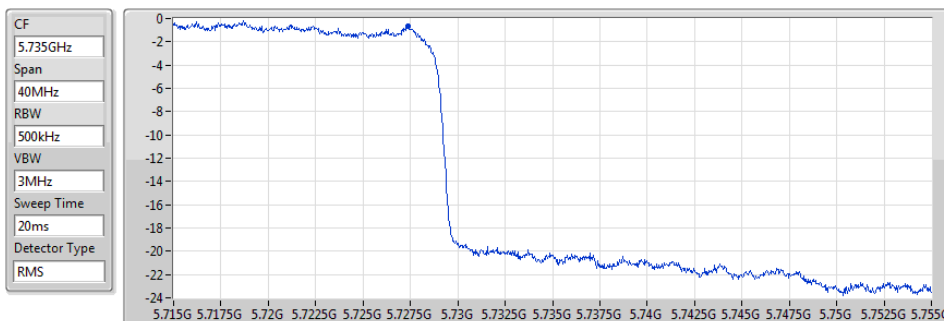
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.90	1.90	1.90

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

02/11/2019



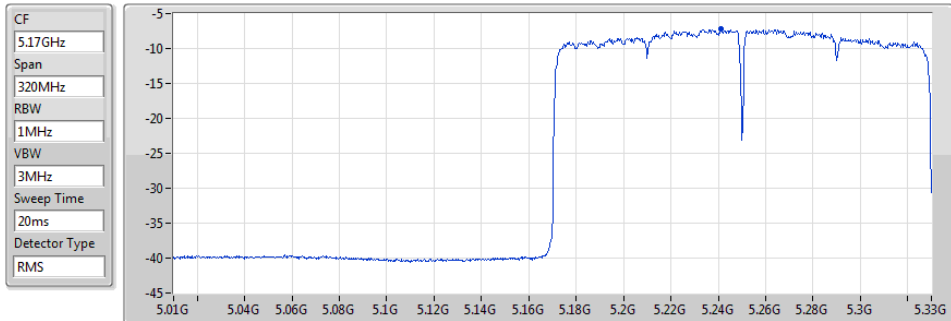
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.65	-0.65	-0.65

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

02/11/2019



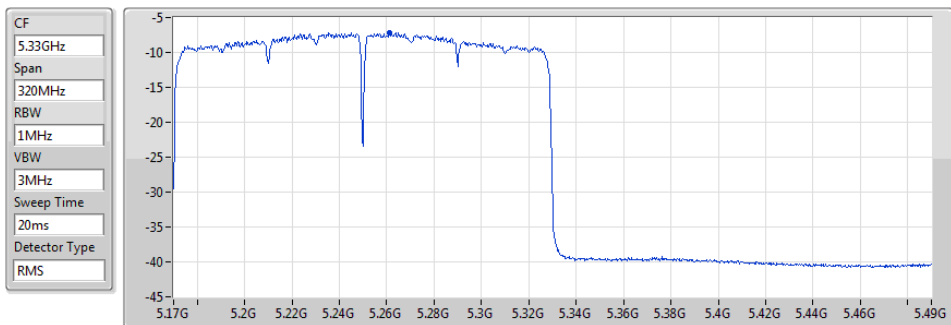
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.17	-7.17	-7.17

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

02/11/2019



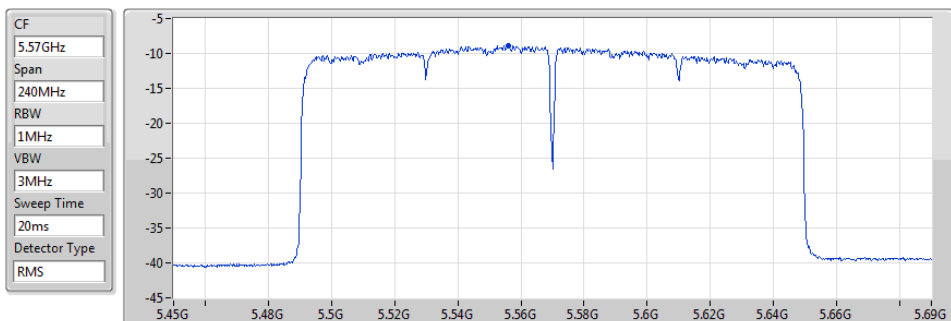
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.18	-7.18	-7.18

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5570MHz

02/11/2019



Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.86	-8.86	-8.86

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss2,(MCS0)_2TX	-6.53
802.11ax HEW160_Nss2,(MCS0)_2TX	-6.48
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	5.95
802.11ac VHT20_Nss2,(MCS0)_2TX	8.81
802.11ac VHT40_Nss2,(MCS0)_2TX	5.95
802.11ac VHT80_Nss2,(MCS0)_2TX	-2.88
802.11ac VHT160_Nss2,(MCS0)_2TX	-6.56
802.11ax HEW20_Nss2,(MCS0)_2TX	8.76
802.11ax HEW40_Nss2,(MCS0)_2TX	6.02
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.79
802.11ax HEW160_Nss2,(MCS0)_2TX	-6.40
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	5.91
802.11ac VHT20_Nss2,(MCS0)_2TX	8.88
802.11ac VHT40_Nss2,(MCS0)_2TX	5.64
802.11ac VHT80_Nss2,(MCS0)_2TX	2.83
802.11ac VHT160_Nss2,(MCS0)_2TX	-7.30
802.11ax HEW20_Nss2,(MCS0)_2TX	8.77
802.11ax HEW40_Nss2,(MCS0)_2TX	5.96
802.11ax HEW80_Nss2,(MCS0)_2TX	2.81
802.11ax HEW160_Nss2,(MCS0)_2TX	-7.10
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	4.06
802.11ac VHT20_Nss2,(MCS0)_2TX	6.66
802.11ac VHT40_Nss2,(MCS0)_2TX	3.56
802.11ac VHT80_Nss2,(MCS0)_2TX	0.56
802.11ax HEW20_Nss2,(MCS0)_2TX	6.56
802.11ax HEW40_Nss2,(MCS0)_2TX	4.05
802.11ax HEW80_Nss2,(MCS0)_2TX	0.54

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	11.01	2.69	3.08	5.83	5.99
5300MHz	Pass	11.01	2.78	3.06	5.84	5.99
5320MHz	Pass	11.01	2.85	3.07	5.95	5.99
5500MHz	Pass	11.01	0.25	0.52	3.29	5.99
5580MHz	Pass	11.01	2.53	3.26	5.91	5.99
5700MHz	Pass	11.01	-0.04	0.37	3.16	5.99
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	2.76	2.99	5.85	5.99
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	0.95	1.21	4.06	24.99
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.00	5.71	5.99	8.81	9.00
5300MHz	Pass	8.00	5.78	5.93	8.77	9.00
5320MHz	Pass	8.00	2.63	2.81	5.69	9.00
5500MHz	Pass	8.00	1.61	1.83	4.66	9.00
5580MHz	Pass	8.00	5.60	6.18	8.88	9.00
5700MHz	Pass	8.00	-0.51	0.07	2.72	9.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	5.08	5.74	8.42	9.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	3.19	4.23	6.66	28.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	8.00	2.99	3.04	5.95	9.00
5310MHz	Pass	8.00	-2.52	-2.37	0.56	9.00
5510MHz	Pass	8.00	-4.09	-3.47	-0.87	9.00
5550MHz	Pass	8.00	2.27	2.79	5.48	9.00
5670MHz	Pass	8.00	-3.82	-2.89	-0.38	9.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	2.45	2.98	5.64	9.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	0.16	0.94	3.56	28.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	8.00	-5.84	-5.52	-2.88	9.00
5530MHz	Pass	8.00	-5.59	-4.99	-2.43	9.00
5610MHz	Pass	8.00	-1.44	-0.70	1.84	9.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	-0.39	0.15	2.83	9.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-3.03	-1.75	0.56	28.00
802.11ac VHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	-9.55	-9.05	-6.53	15.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	-9.77	-9.31	-6.56	9.00
5570MHz	Pass	8.00	-10.35	-9.83	-7.30	9.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.00	5.61	6.03	8.70	9.00
5300MHz	Pass	8.00	5.51	5.98	8.76	9.00
5320MHz	Pass	8.00	2.50	2.95	5.66	9.00
5500MHz	Pass	8.00	1.44	1.91	4.61	9.00
5580MHz	Pass	8.00	5.54	6.07	8.77	9.00
5700MHz	Pass	8.00	-0.56	-0.18	2.58	9.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	5.03	5.70	8.36	9.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	3.18	3.91	6.56	28.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	8.00	3.03	3.17	6.02	9.00
5310MHz	Pass	8.00	-2.33	-2.12	0.65	9.00
5510MHz	Pass	8.00	-3.78	-3.32	-0.58	9.00
5550MHz	Pass	8.00	2.57	3.04	5.72	9.00
5670MHz	Pass	8.00	-3.77	-2.76	-0.31	9.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	2.80	3.25	5.96	9.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	0.74	1.40	4.05	28.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	8.00	-5.72	-5.72	-2.79	9.00
5530MHz	Pass	8.00	-5.57	-5.04	-2.35	9.00
5610MHz	Pass	8.00	-1.40	-0.85	1.71	9.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	-0.42	0.20	2.81	9.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-2.93	-1.99	0.54	28.00
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	-9.53	-9.17	-6.48	15.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	-9.31	-9.00	-6.40	9.00
5570MHz	Pass	8.00	-10.33	-9.61	-7.10	9.00

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

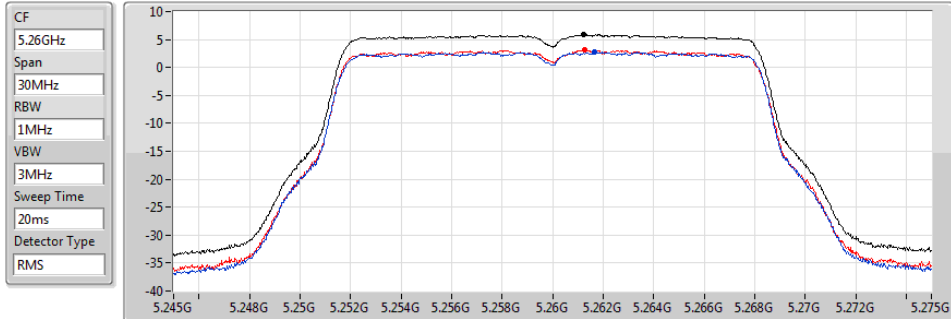
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

02/11/2019



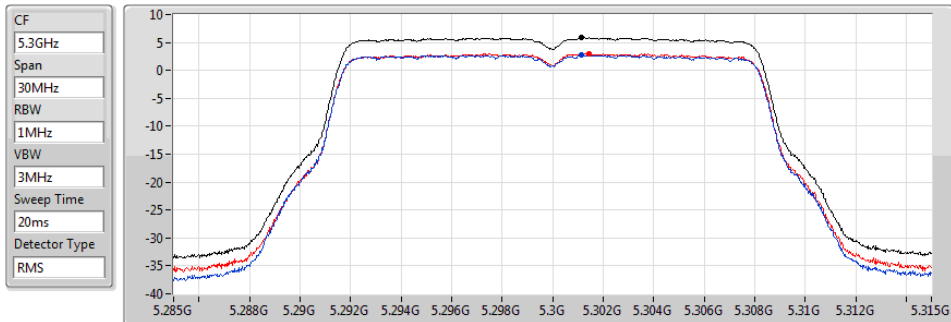
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.83	5.83	2.69	3.08

802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

02/11/2019



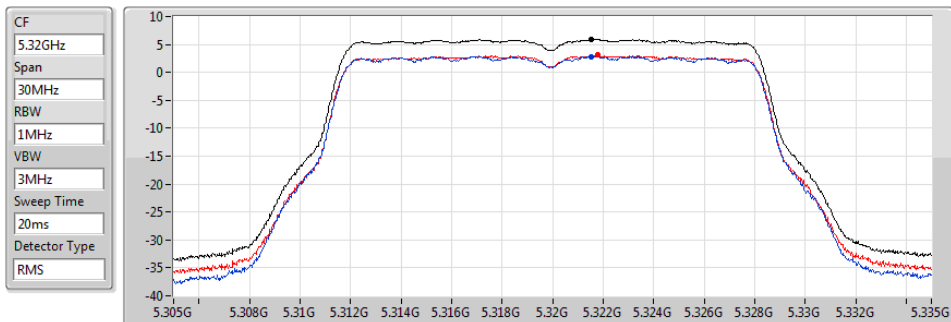
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.84	5.84	2.78	3.06

802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

02/11/2019



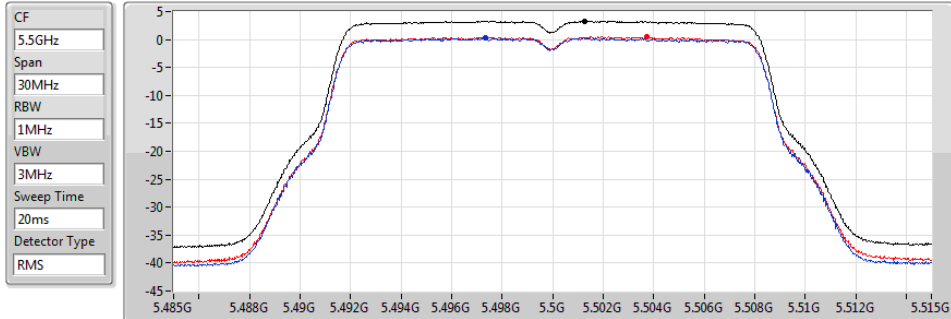
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.95	5.95	2.85	3.07

802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

02/11/2019



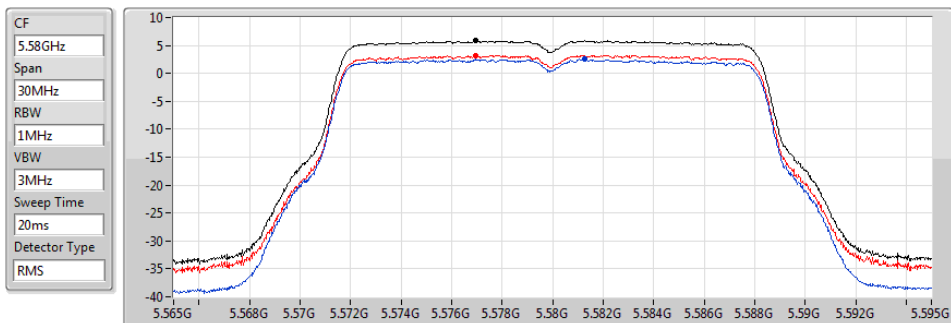
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.29	3.29	0.25	0.52

802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

02/11/2019



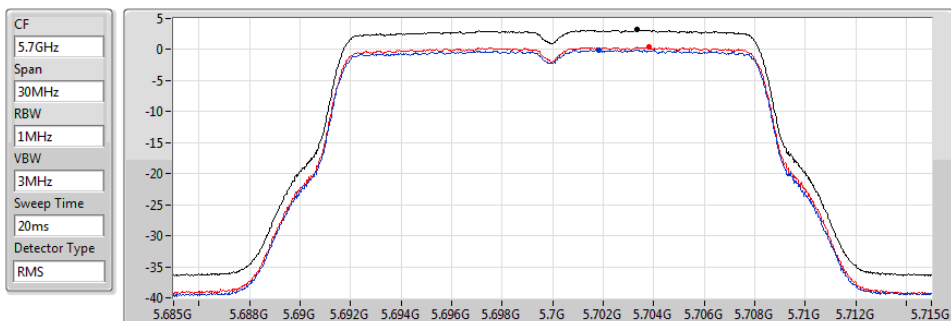
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.91	5.91	2.53	3.26

802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

02/11/2019



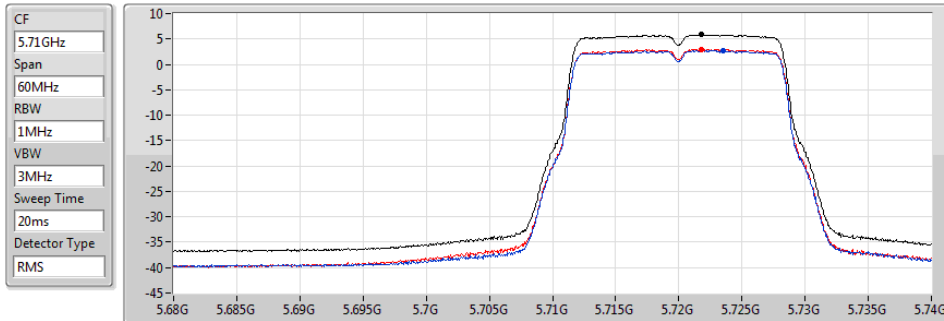
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.16	3.16	-0.04	0.37

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

02/11/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.85	5.85	2.76	2.99

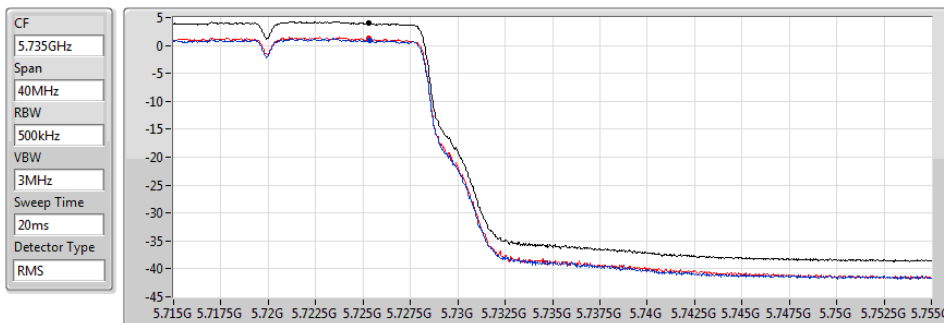
Sum
Port 1
Port 2

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

02/11/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.06	4.06	0.95	1.21

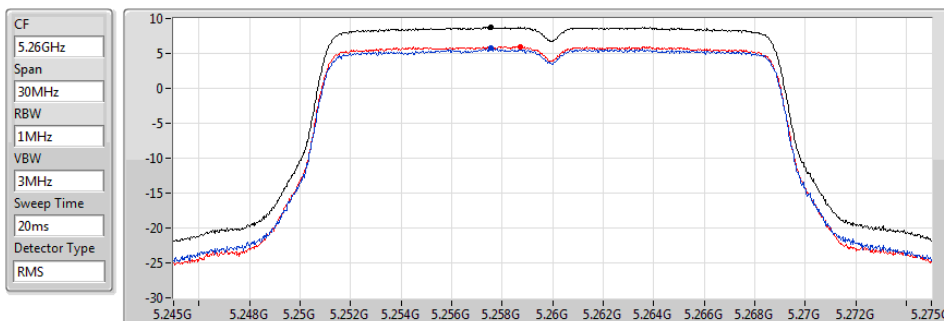
Sum
Port 1
Port 2

802.11ac VHT20_Nss2,(MCS0)_2TX

5260MHz

PSD

02/11/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.81	8.81	5.71	5.99

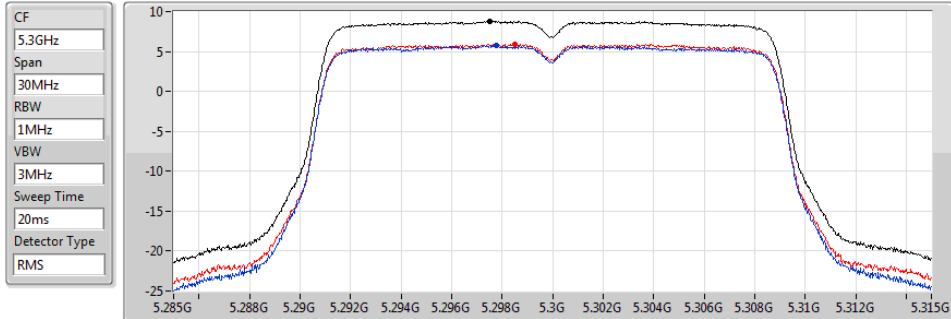
Sum
Port 1
Port 2

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5300MHz

02/11/2019



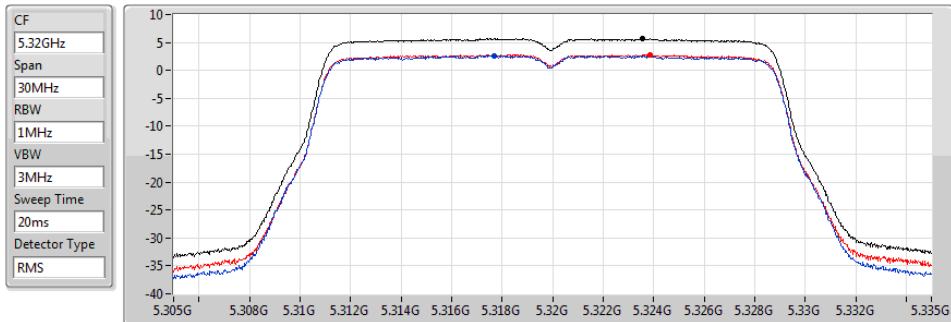
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.77	8.77	5.78	5.93

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5320MHz

02/11/2019



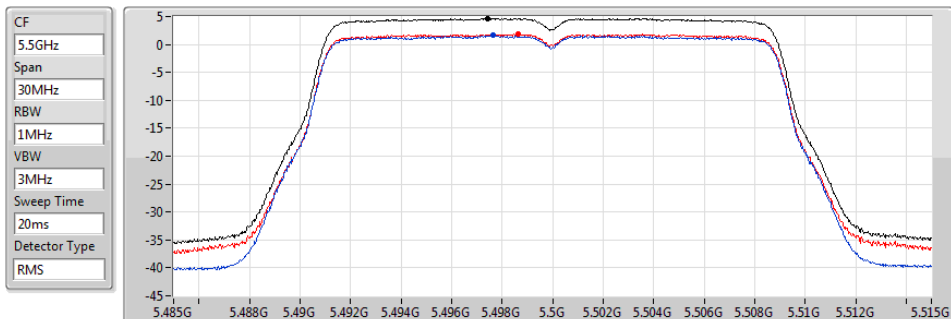
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.69	5.69	2.63	2.81

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5500MHz

02/11/2019



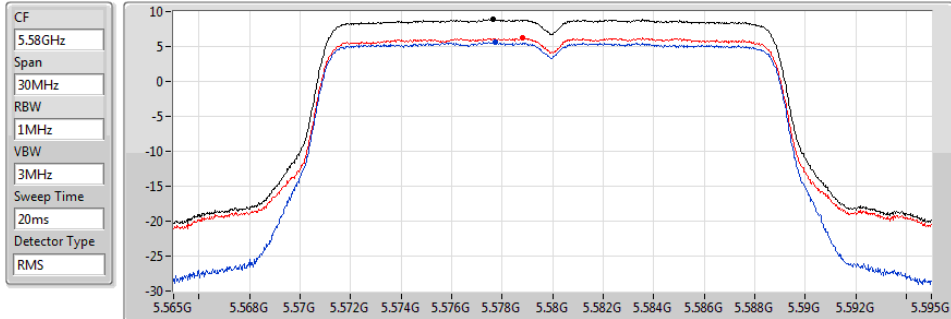
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.66	4.66	1.61	1.83

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5580MHz

02/11/2019



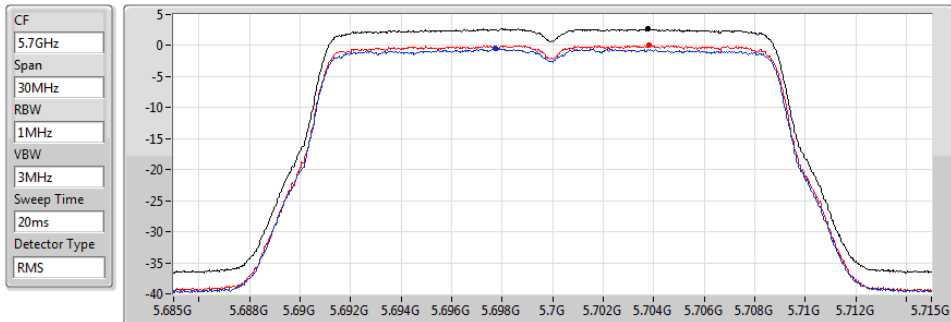
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.88	8.88	5.60	6.18

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5700MHz

02/11/2019



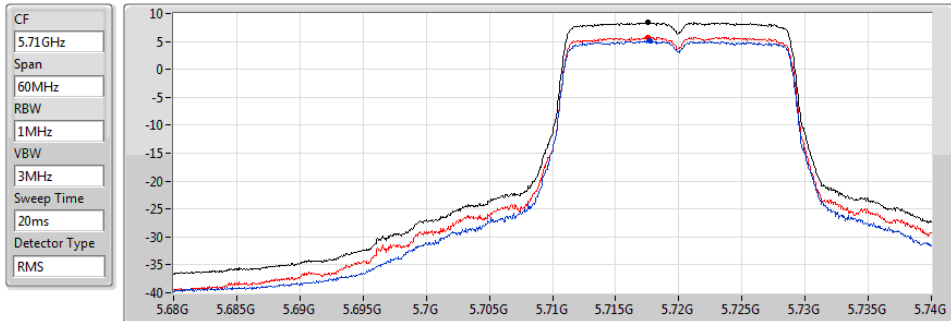
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.72	2.72	-0.51	0.07

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

02/11/2019



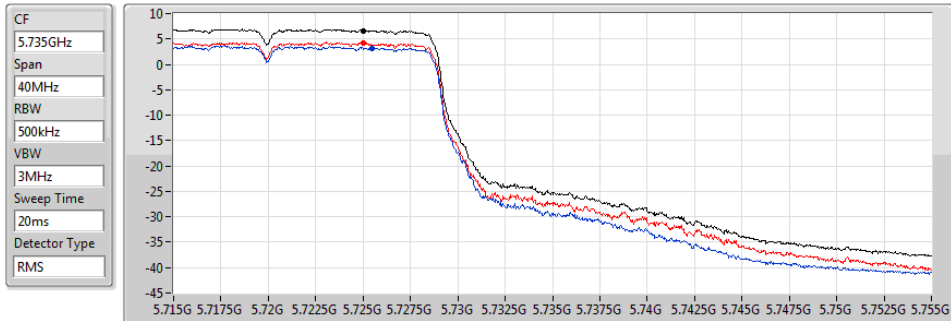
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.42	8.42	5.08	5.74

802.11ac VHT20_Nss2,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

02/11/2019



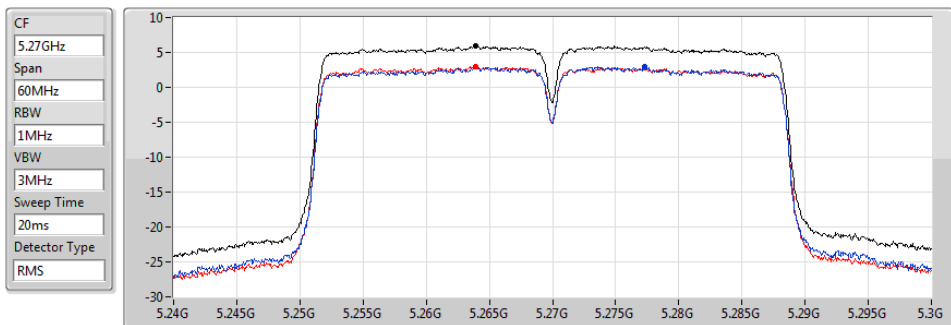
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.66	6.66	3.19	4.23

802.11ac VHT40_Nss2,(MCS0)_2TX

5270MHz

PSD

02/11/2019



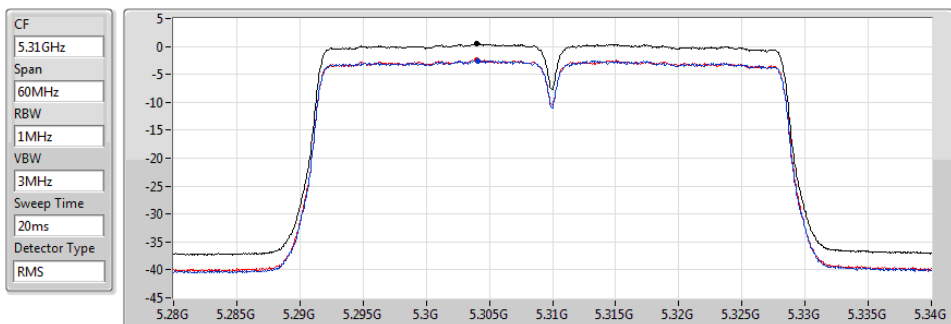
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.95	5.95	2.99	3.04

802.11ac VHT40_Nss2,(MCS0)_2TX

5310MHz

PSD

02/11/2019



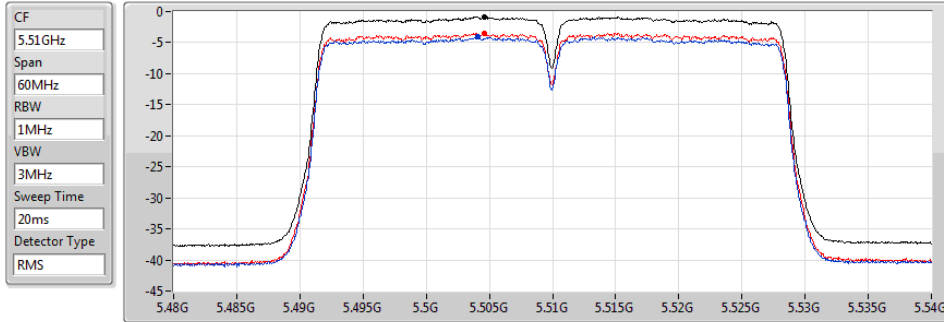
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.56	0.56	-2.52	-2.37

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5510MHz

02/11/2019



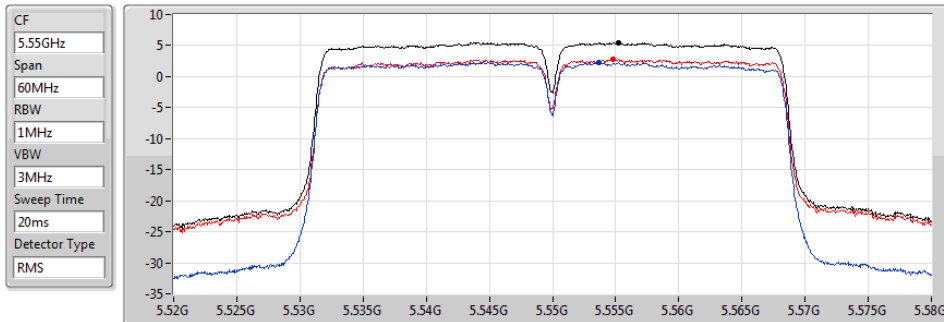
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.87	-0.87	-4.09	-3.47

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5550MHz

02/11/2019



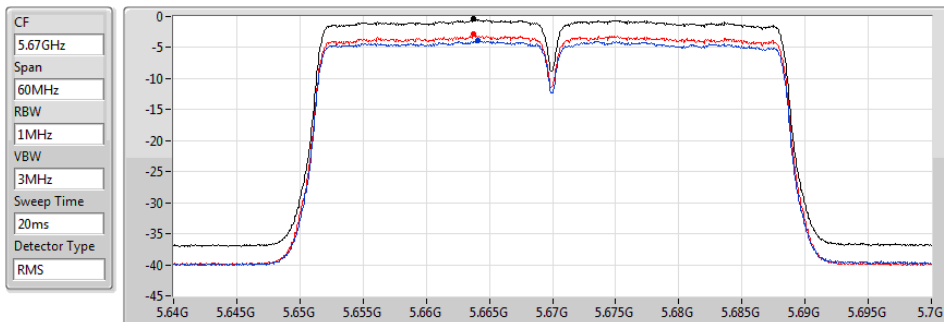
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.48	5.48	2.27	2.79

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5670MHz

02/11/2019



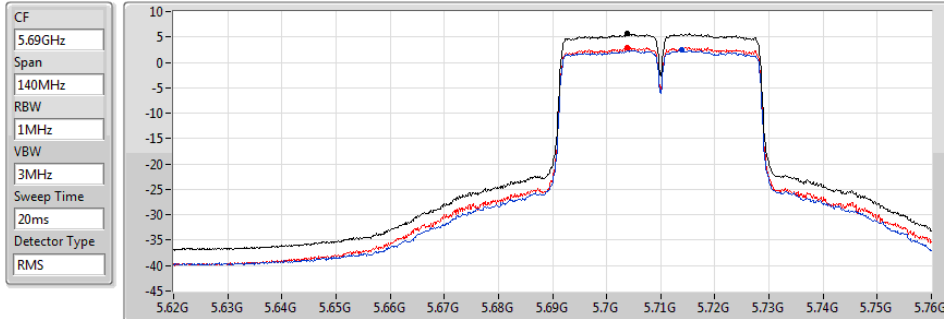
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.38	-0.38	-3.82	-2.89

802.11ac VHT40_Nss2,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz

PSD

02/11/2019



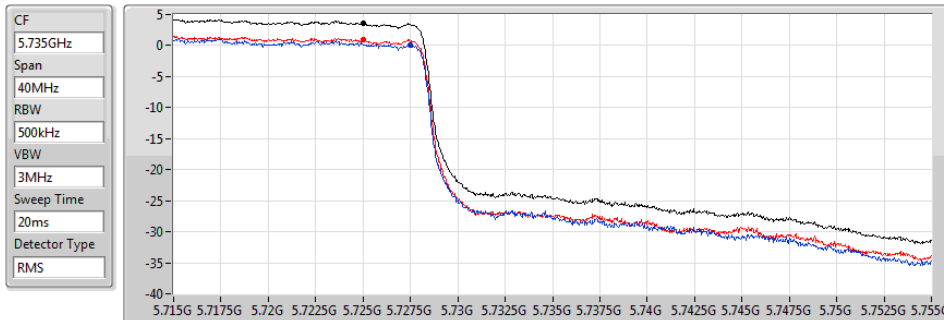
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.64	5.64	2.45	2.98

802.11ac VHT40_Nss2,(MCS0)_2TX

5710MHz Straddle 5.725-5.85GHz

PSD

02/11/2019



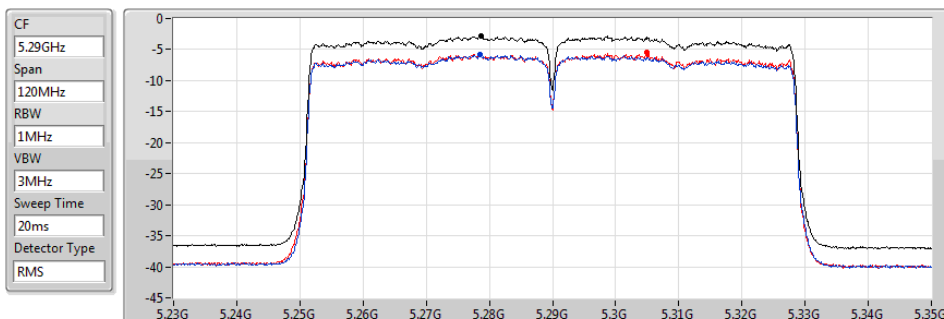
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.56	3.56	0.16	0.94

802.11ac VHT80_Nss2,(MCS0)_2TX

5290MHz

PSD

02/11/2019



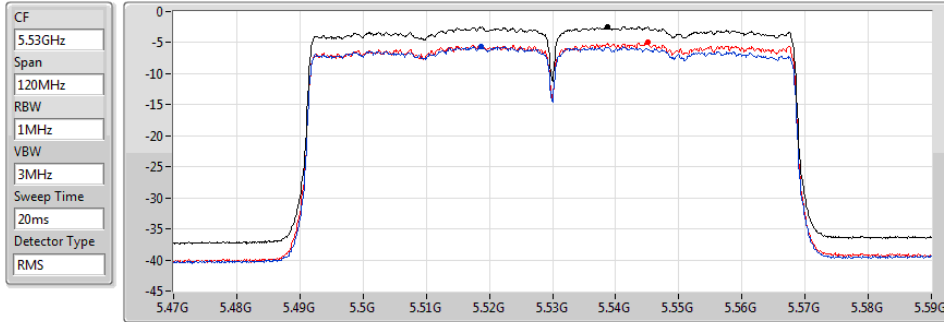
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.88	-2.88	-5.84	-5.52

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5530MHz

02/11/2019



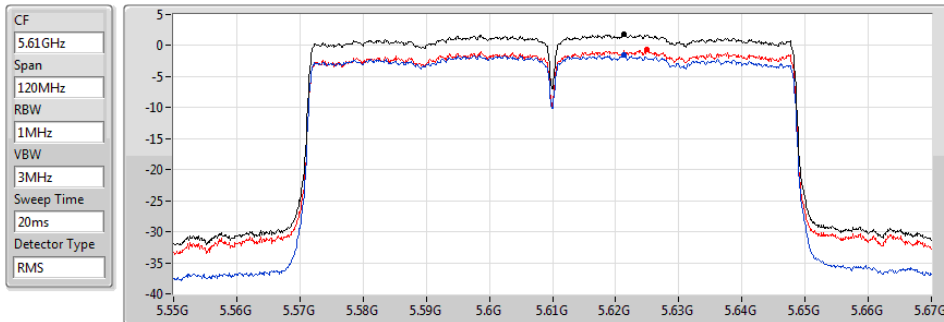
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.43	-2.43	-5.59	-4.99

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5610MHz

02/11/2019



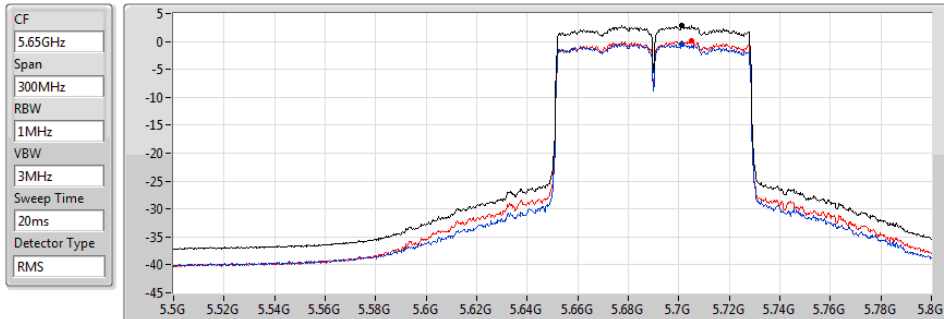
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.84	1.84	-1.44	-0.70

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

02/11/2019



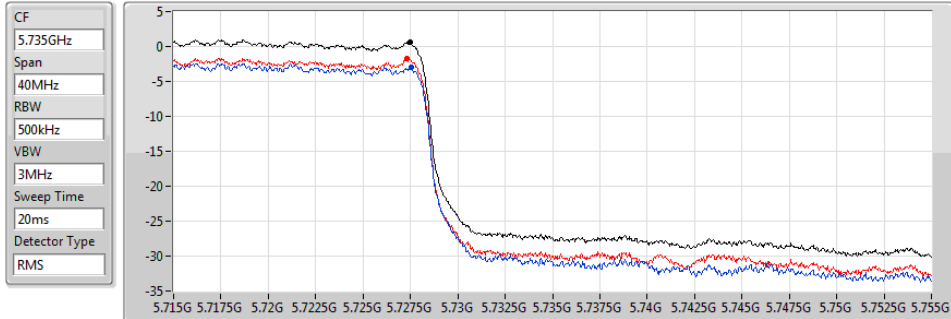
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.83	2.83	-0.39	0.15

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

02/11/2019



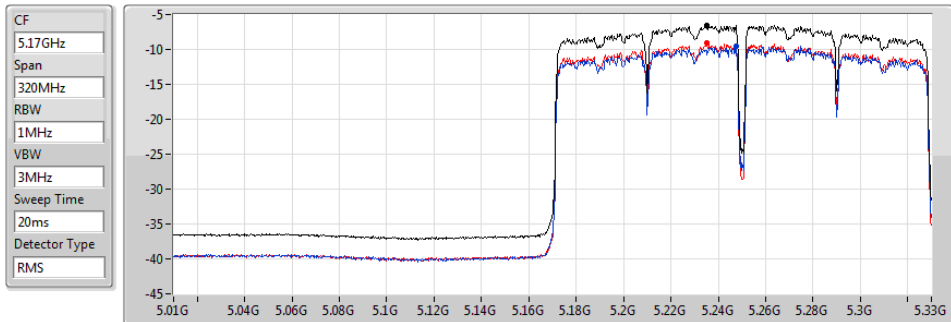
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.56	0.56	-3.03	-1.75

802.11ac VHT160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

02/11/2019



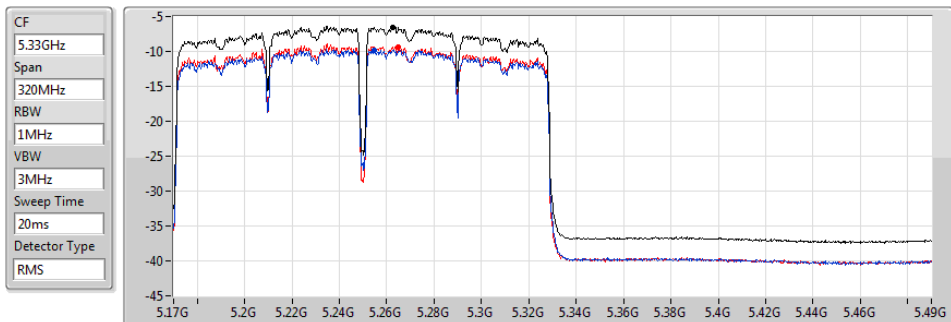
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.53	-6.53	-9.55	-9.05

802.11ac VHT160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

02/11/2019



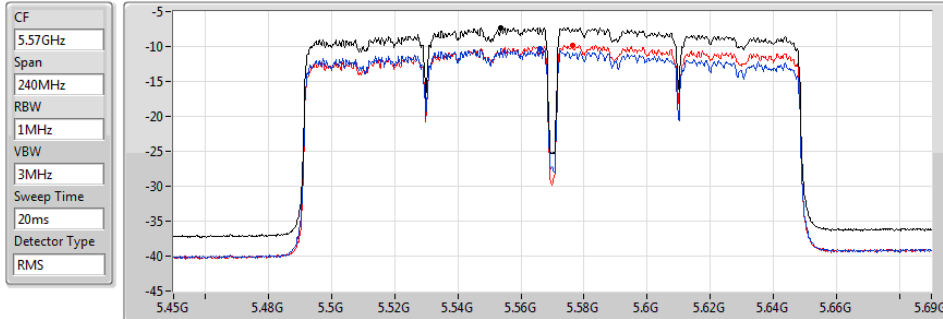
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.56	-6.56	-9.77	-9.31

802.11ac VHT160_Nss2,(MCS0)_2TX

PSD

5570MHz

02/11/2019



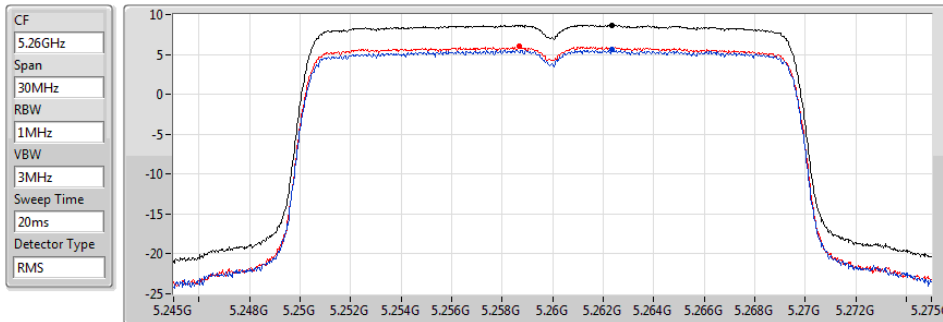
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.30	-7.30	-10.35	-9.83

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5260MHz

02/11/2019



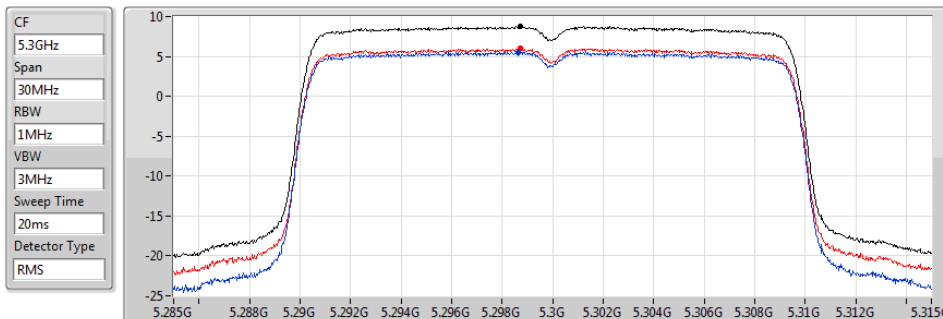
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.70	8.70	5.61	6.03

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5300MHz

02/11/2019



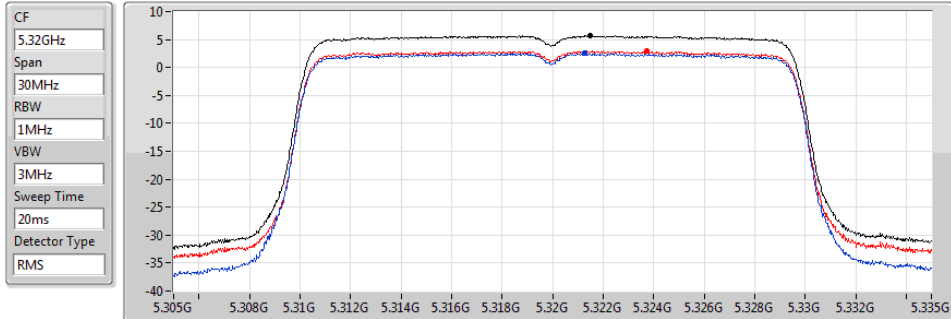
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.76	8.76	5.51	5.98

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5320MHz

02/11/2019



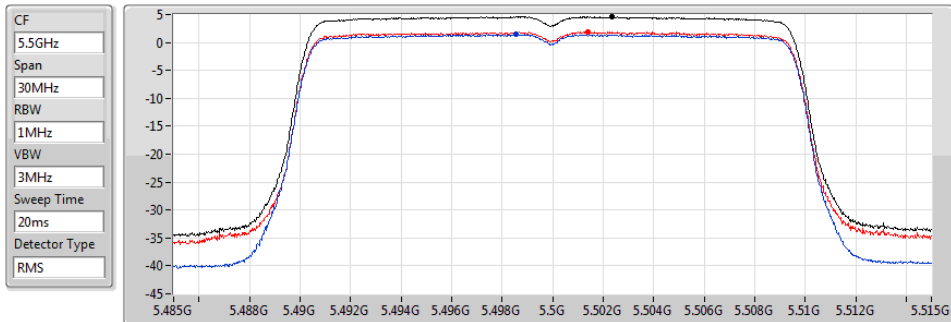
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.66	5.66	2.50	2.95

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5500MHz

02/11/2019



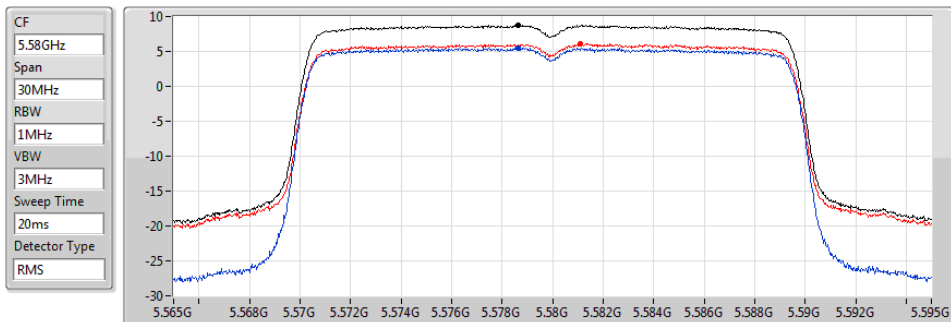
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.61	4.61	1.44	1.91

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5580MHz

02/11/2019



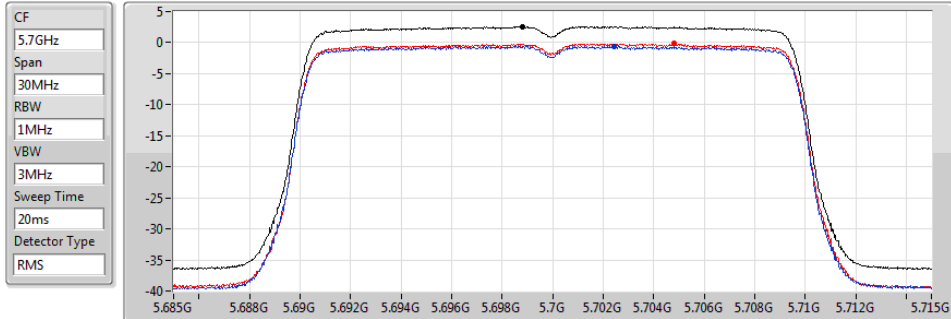
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.77	8.77	5.54	6.07

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5700MHz

02/11/2019



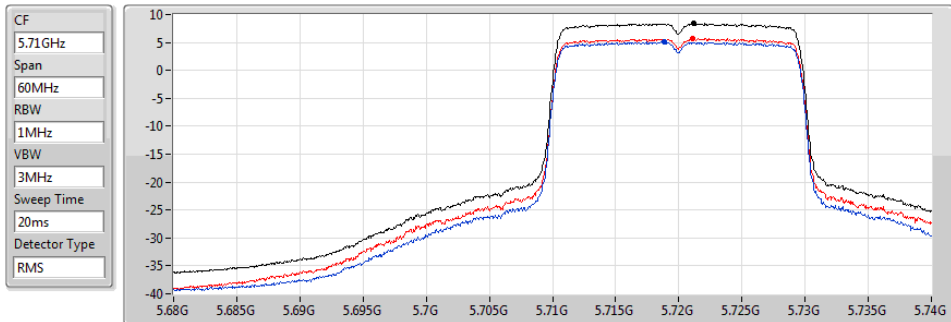
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.58	2.58	-0.56	-0.18

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

02/11/2019



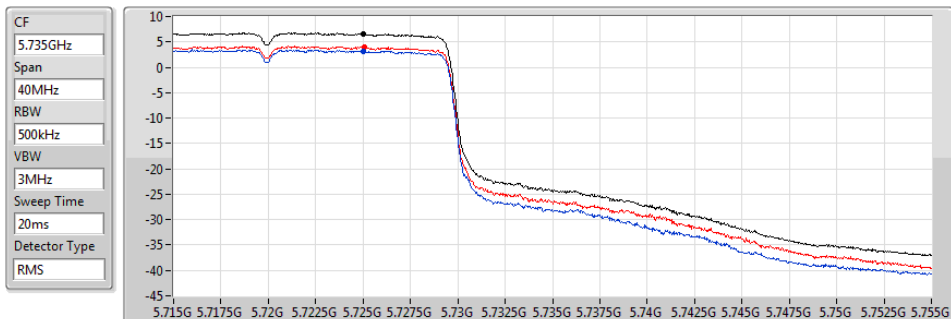
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.36	8.36	5.03	5.70

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

02/11/2019



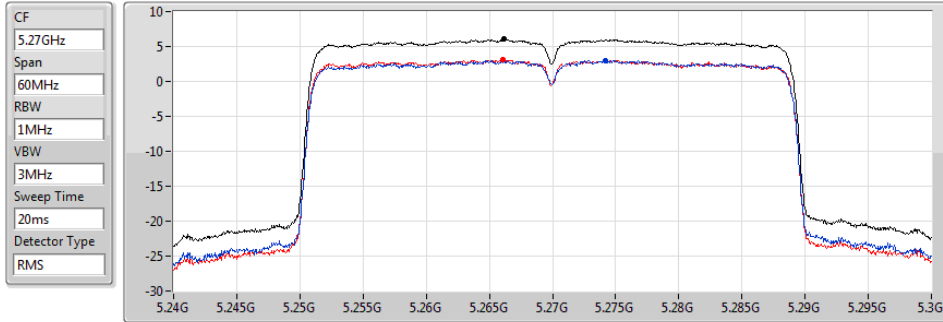
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.56	6.56	3.18	3.91

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5270MHz

02/11/2019



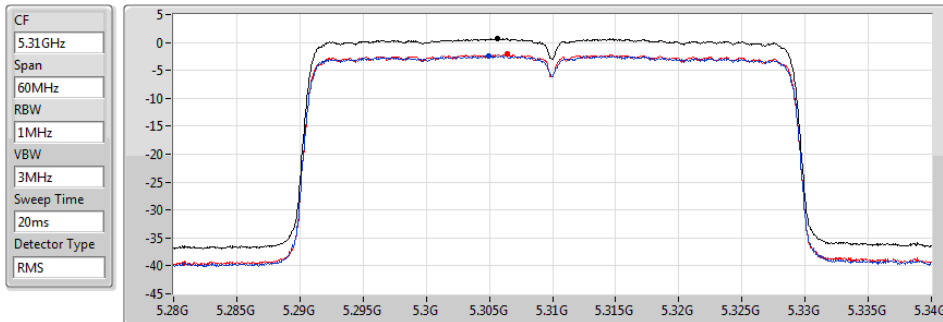
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.02	6.02	3.03	3.17

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5310MHz

02/11/2019



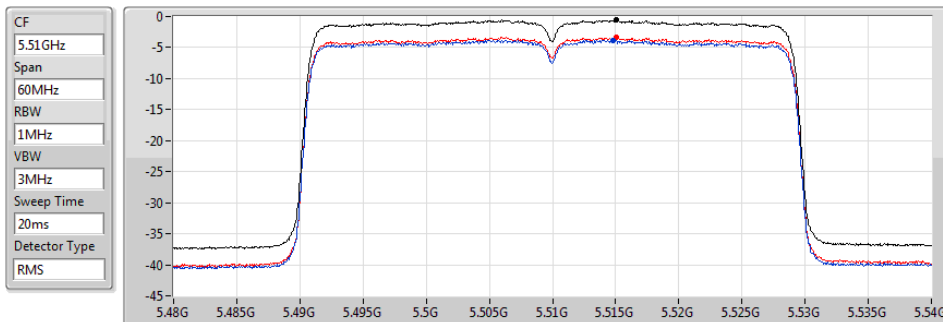
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.65	0.65	-2.33	-2.12

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5510MHz

02/11/2019



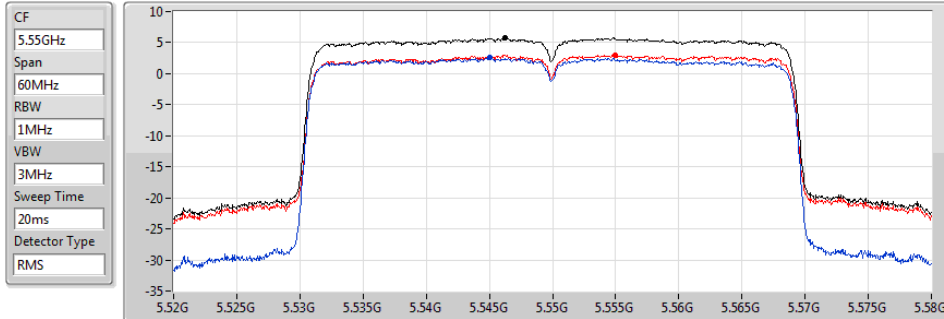
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.58	-0.58	-3.78	-3.32

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5550MHz

02/11/2019



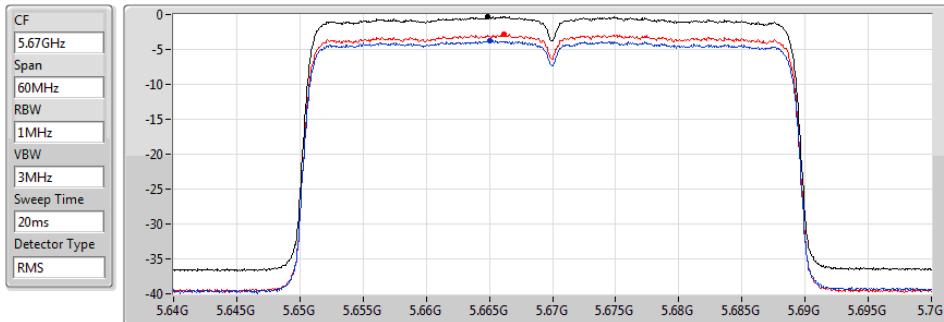
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.72	5.72	2.57	3.04

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5670MHz

02/11/2019



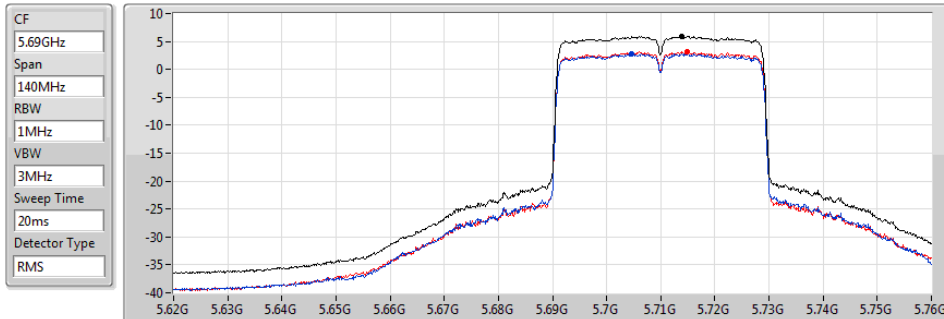
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.31	-0.31	-3.77	-2.76

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

02/11/2019



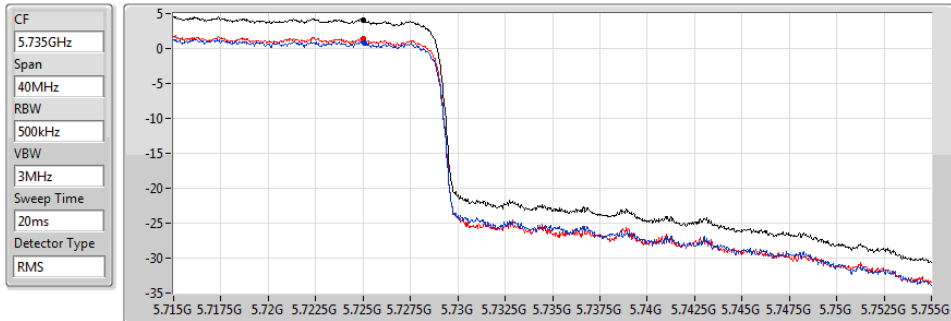
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.96	5.96	2.80	3.25

802.11ax HEW40_Nss2,(MCS0)_2TX

5710MHz Straddle 5.725-5.85GHz

PSD

02/11/2019



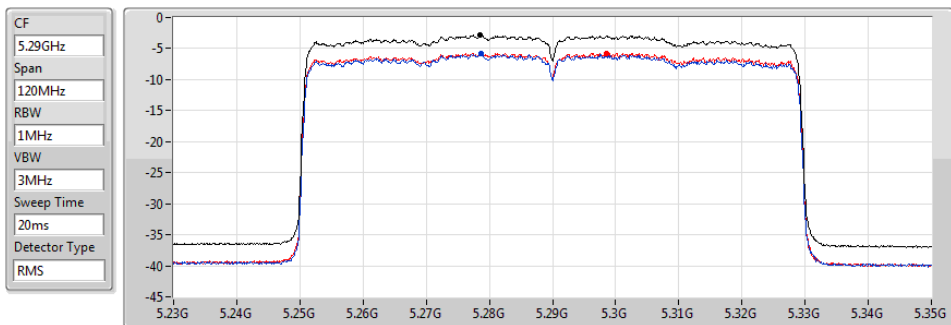
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.05	4.05	0.74	1.40

802.11ax HEW80_Nss2,(MCS0)_2TX

5290MHz

PSD

02/11/2019



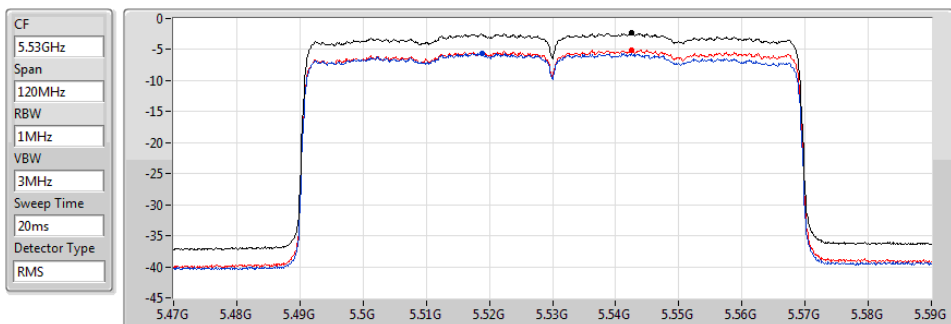
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.79	-2.79	-5.72	-5.72

802.11ax HEW80_Nss2,(MCS0)_2TX

5530MHz

PSD

02/11/2019



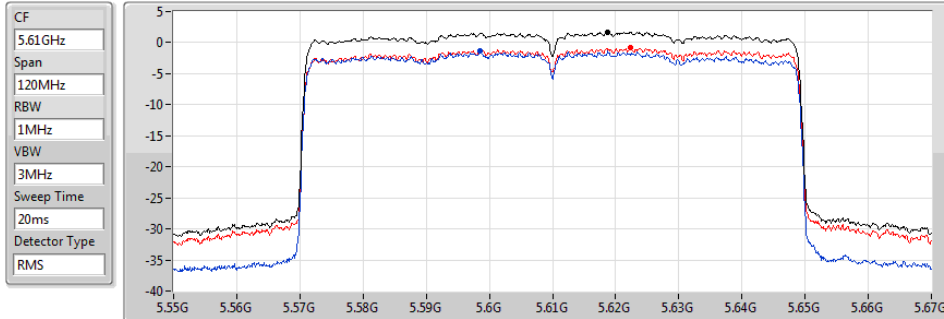
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.35	-2.35	-5.57	-5.04

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5610MHz

02/11/2019



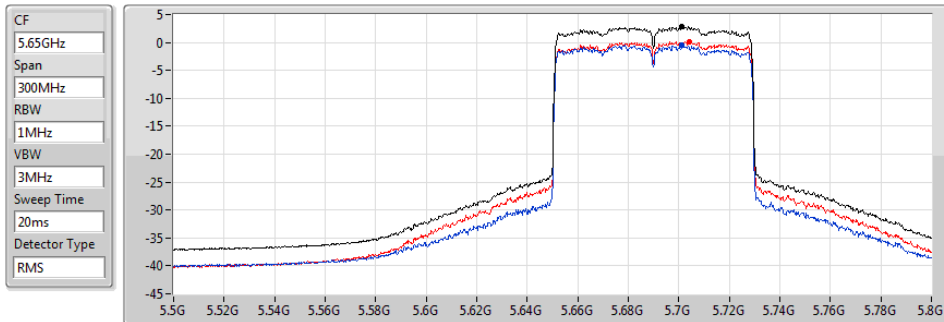
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.71	1.71	-1.40	-0.85

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

02/11/2019



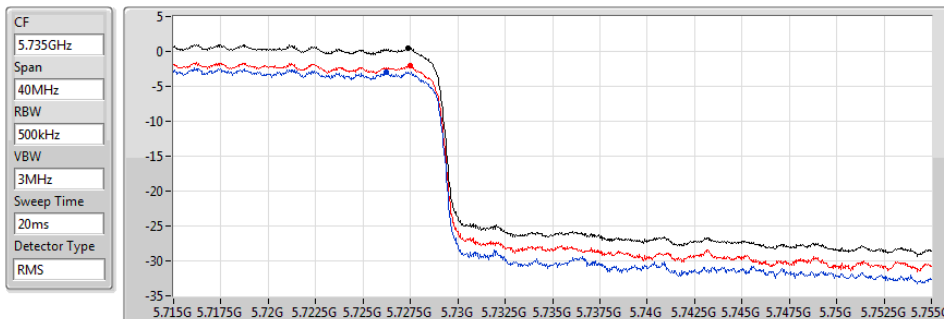
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.81	2.81	-0.42	0.20

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

02/11/2019



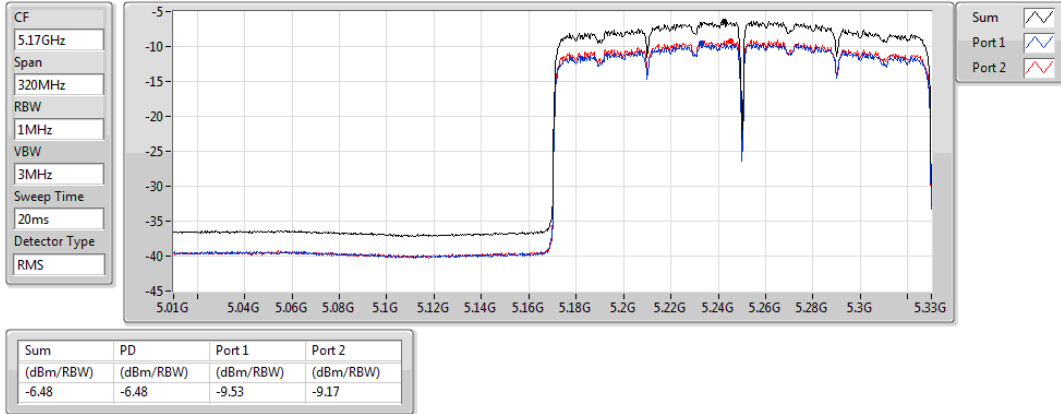
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.54	0.54	-2.93	-1.99

802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

02/11/2019

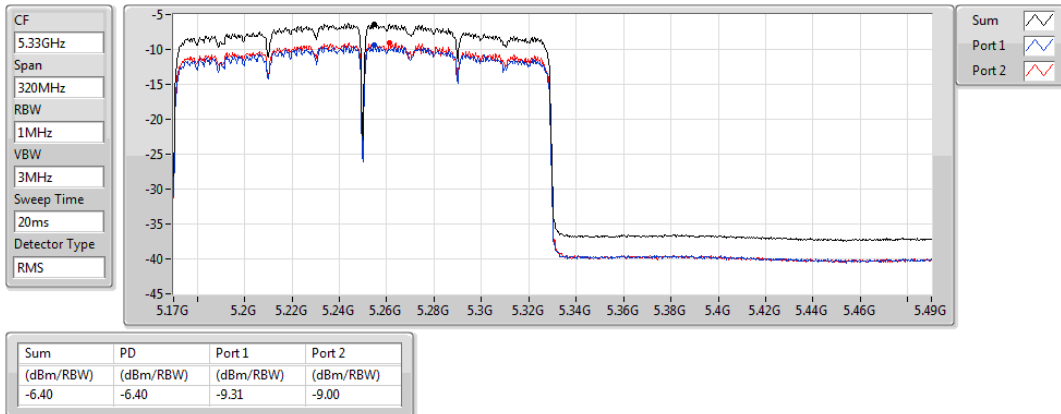


802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

02/11/2019

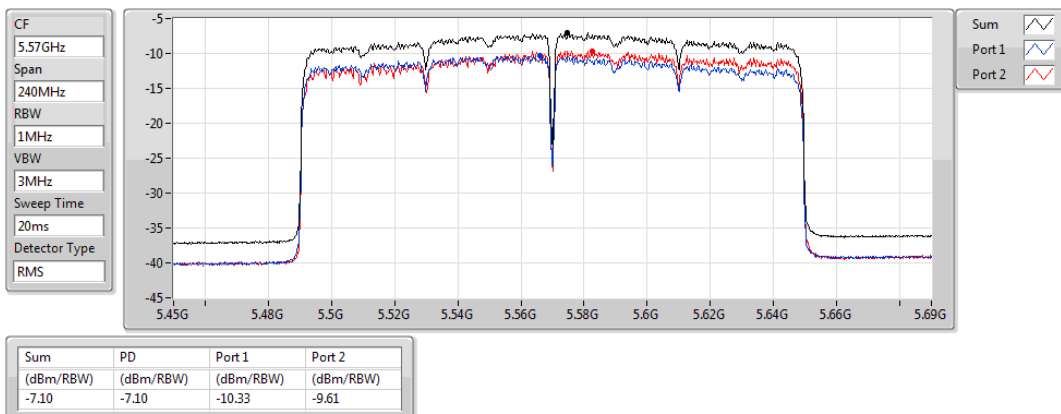


802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5570MHz

02/11/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss1,(MCS0)_4TX	-4.56
802.11ax HEW160_Nss1,(MCS0)_4TX	-4.69
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	2.91
802.11ac VHT20_Nss1,(MCS0)_4TX	2.86
802.11ac VHT40_Nss1,(MCS0)_4TX	2.94
802.11ac VHT80_Nss1,(MCS0)_4TX	-0.70
802.11ac VHT160_Nss1,(MCS0)_4TX	-4.64
802.11ax HEW20_Nss1,(MCS0)_4TX	2.90
802.11ax HEW40_Nss1,(MCS0)_4TX	2.93
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.64
802.11ax HEW160_Nss1,(MCS0)_4TX	-4.55
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	2.95
802.11ac VHT20_Nss1,(MCS0)_4TX	2.90
802.11ac VHT40_Nss1,(MCS0)_4TX	2.96
802.11ac VHT80_Nss1,(MCS0)_4TX	2.82
802.11ac VHT160_Nss1,(MCS0)_4TX	-5.24
802.11ax HEW20_Nss1,(MCS0)_4TX	2.90
802.11ax HEW40_Nss1,(MCS0)_4TX	2.95
802.11ax HEW80_Nss1,(MCS0)_4TX	2.95
802.11ax HEW160_Nss1,(MCS0)_4TX	-5.15
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	1.28
802.11ac VHT20_Nss1,(MCS0)_4TX	1.23
802.11ac VHT40_Nss1,(MCS0)_4TX	0.74
802.11ac VHT80_Nss1,(MCS0)_4TX	0.22
802.11ax HEW20_Nss1,(MCS0)_4TX	1.27
802.11ax HEW40_Nss1,(MCS0)_4TX	0.92
802.11ax HEW80_Nss1,(MCS0)_4TX	0.56

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	14.02	-3.62	-3.06	-2.85	-2.53	2.91	2.98
5300MHz	Pass	14.02	-3.57	-2.97	-2.60	-2.99	2.85	2.98
5320MHz	Pass	14.02	-3.46	-2.93	-2.76	-3.11	2.87	2.98
5500MHz	Pass	14.02	-3.32	-2.85	-3.00	-3.19	2.83	2.98
5580MHz	Pass	14.02	-3.65	-2.94	-2.86	-2.81	2.88	2.98
5700MHz	Pass	14.02	-3.45	-2.87	-2.90	-2.86	2.92	2.98
5720MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.27	-2.79	-2.90	-2.84	2.95	2.98
5720MHz Straddle 5.725-5.85GHz	Pass	14.02	-4.94	-4.61	-4.42	-4.41	1.28	21.98
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	14.02	-3.69	-3.31	-2.91	-2.57	2.79	2.98
5300MHz	Pass	14.02	-3.51	-3.04	-2.72	-3.06	2.86	2.98
5320MHz	Pass	14.02	-3.49	-3.28	-2.91	-3.13	2.73	2.98
5500MHz	Pass	14.02	-3.62	-2.92	-2.85	-3.15	2.79	2.98
5580MHz	Pass	14.02	-3.98	-2.87	-2.75	-2.85	2.81	2.98
5700MHz	Pass	14.02	-3.43	-2.98	-2.83	-2.99	2.89	2.98
5720MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.35	-2.90	-2.94	-3.00	2.90	2.98
5720MHz Straddle 5.725-5.85GHz	Pass	14.02	-5.02	-4.71	-4.62	-4.45	1.23	21.98
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	14.02	-3.44	-3.25	-2.96	-2.39	2.94	2.98
5310MHz	Pass	14.02	-3.77	-3.34	-3.09	-3.25	2.56	2.98
5510MHz	Pass	14.02	-3.20	-3.01	-2.89	-3.10	2.90	2.98
5550MHz	Pass	14.02	-3.17	-2.97	-2.63	-2.99	2.96	2.98
5670MHz	Pass	14.02	-3.57	-2.81	-3.12	-2.71	2.84	2.98
5710MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.37	-3.16	-3.17	-2.71	2.81	2.98
5710MHz Straddle 5.725-5.85GHz	Pass	14.02	-5.59	-5.19	-5.19	-4.80	0.74	21.98
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	14.02	-6.88	-6.55	-6.63	-6.56	-0.70	2.98
5530MHz	Pass	14.02	-5.74	-4.98	-5.46	-5.35	0.58	2.98
5610MHz	Pass	14.02	-3.46	-2.62	-3.21	-3.12	2.82	2.98
5690MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.64	-3.27	-3.18	-2.75	2.70	2.98
5690MHz Straddle 5.725-5.85GHz	Pass	14.02	-6.40	-5.70	-5.48	-5.26	0.22	21.98
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.02	-10.92	-10.52	-10.03	-10.27	-4.56	8.98
5250MHz Straddle 5.25-5.35GHz	Pass	14.02	-11.12	-10.57	-10.23	-10.33	-4.64	2.98
5570MHz	Pass	14.02	-11.35	-10.70	-10.93	-11.12	-5.24	2.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	14.02	-3.52	-3.29	-2.89	-2.59	2.90	2.98
5300MHz	Pass	14.02	-3.51	-3.22	-2.66	-2.96	2.87	2.98
5320MHz	Pass	14.02	-3.46	-3.16	-2.75	-3.05	2.82	2.98
5500MHz	Pass	14.02	-3.46	-3.08	-2.88	-3.13	2.80	2.98
5580MHz	Pass	14.02	-3.80	-2.93	-2.81	-2.89	2.84	2.98
5700MHz	Pass	14.02	-3.37	-2.93	-2.92	-2.91	2.90	2.98
5720MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.21	-3.02	-2.99	-3.03	2.87	2.98

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)
5720MHz Straddle 5.725-5.85GHz	Pass	14.02	-4.98	-4.54	-4.78	-4.54	1.27	21.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	14.02	-3.47	-3.06	-3.09	-2.39	2.93	2.98
5310MHz	Pass	14.02	-3.64	-3.29	-3.13	-3.27	2.63	2.98
5510MHz	Pass	14.02	-3.17	-2.87	-2.94	-2.99	2.92	2.98
5550MHz	Pass	14.02	-3.08	-2.89	-2.58	-3.12	2.95	2.98
5670MHz	Pass	14.02	-3.50	-2.71	-3.20	-2.75	2.88	2.98
5710MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.36	-3.19	-3.18	-2.68	2.83	2.98
5710MHz Straddle 5.725-5.85GHz	Pass	14.02	-5.51	-5.08	-5.12	-4.65	0.92	21.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	14.02	-6.65	-6.38	-6.56	-6.36	-0.64	2.98
5530MHz	Pass	14.02	-5.57	-5.01	-5.36	-5.03	0.70	2.98
5610MHz	Pass	14.02	-3.48	-2.43	-3.24	-2.73	2.91	2.98
5690MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.53	-2.97	-2.96	-2.63	2.95	2.98
5690MHz Straddle 5.725-5.85GHz	Pass	14.02	-6.00	-5.40	-5.23	-4.91	0.56	21.98
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.02	-10.84	-10.58	-9.99	-10.56	-4.69	8.98
5250MHz Straddle 5.25-5.35GHz	Pass	14.02	-11.07	-10.69	-10.05	-10.27	-4.55	2.98
5570MHz	Pass	14.02	-11.28	-10.84	-10.86	-10.92	-5.15	2.98

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

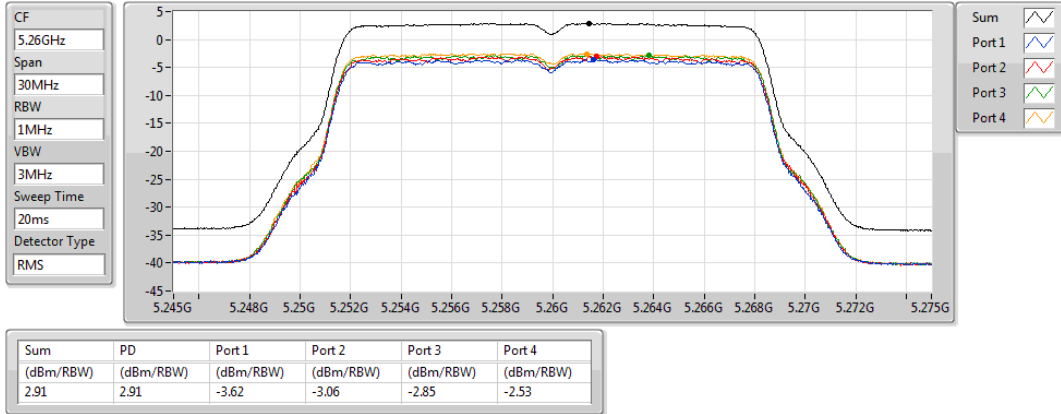
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

02/11/2019

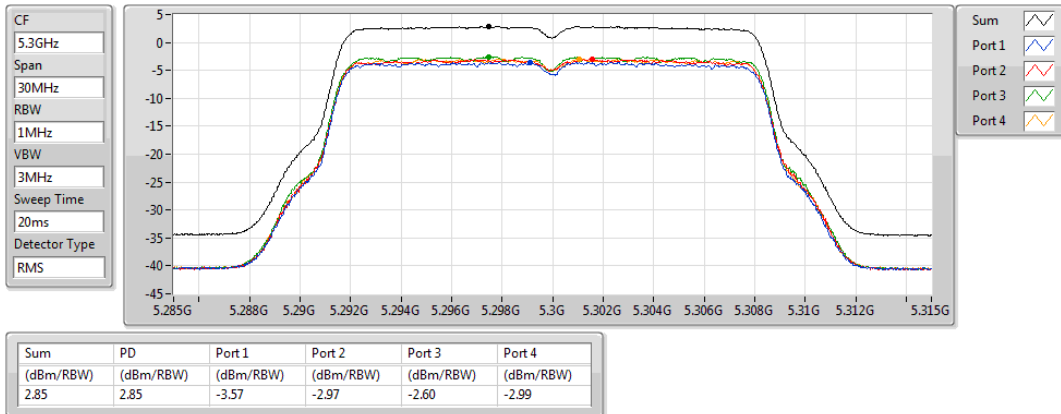


802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

02/11/2019

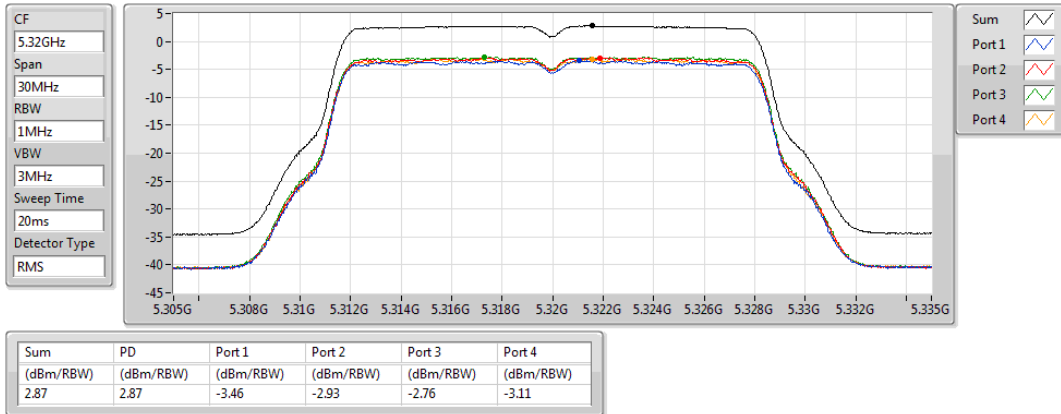


802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

02/11/2019

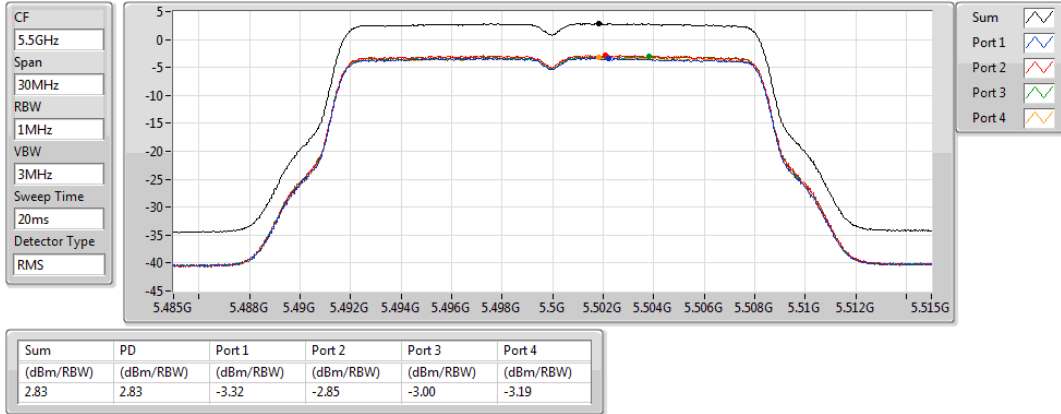


802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

02/11/2019

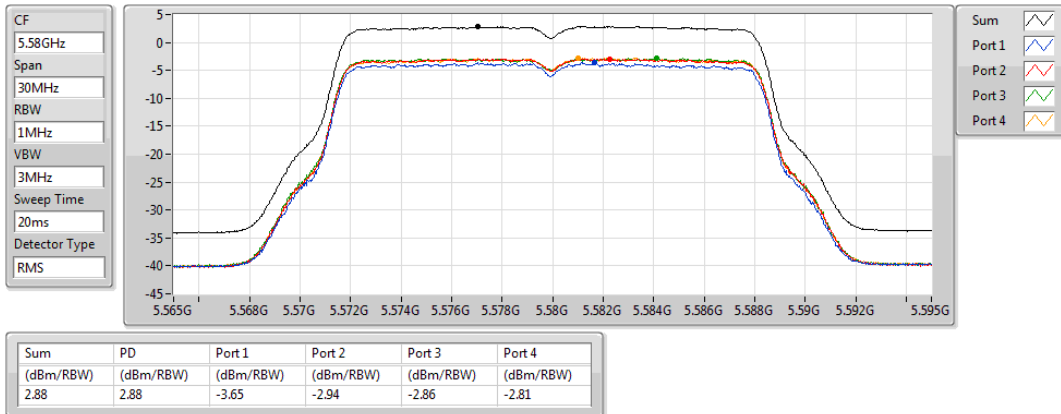


802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

02/11/2019

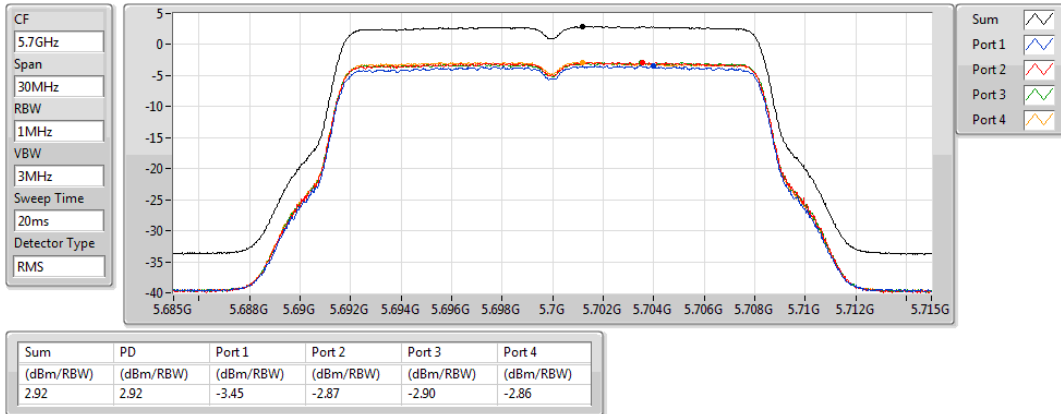


802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

02/11/2019

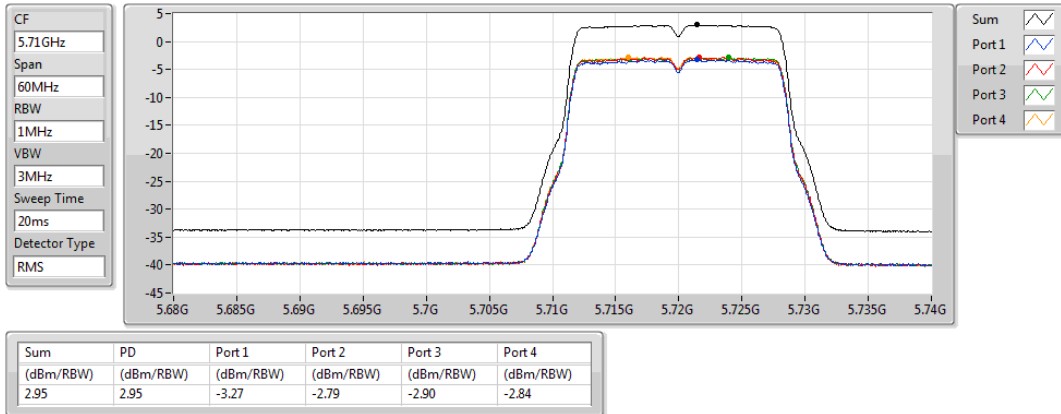


802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

02/11/2019

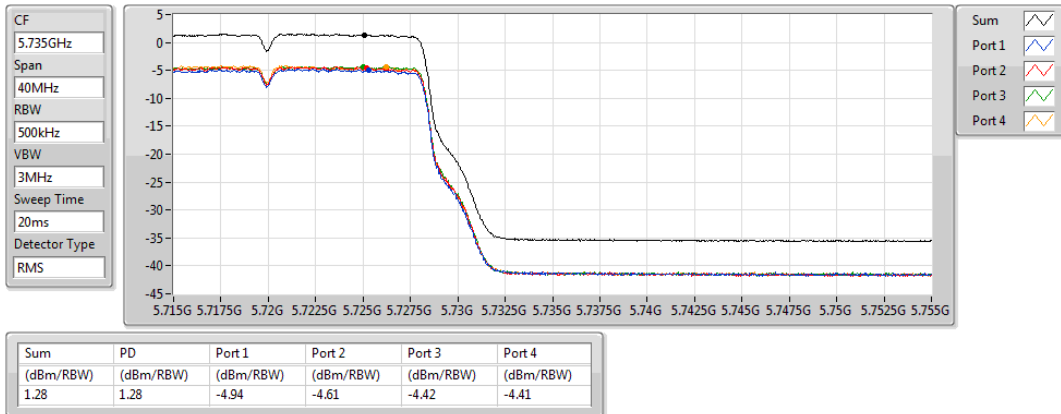


802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

02/11/2019

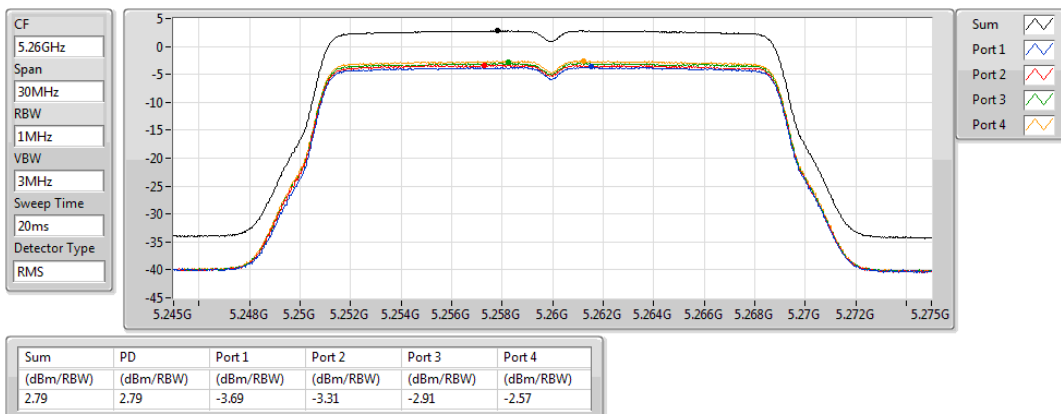


802.11ac VHT20_Nss1,(MCS0)_4TX

5260MHz

PSD

03/11/2019

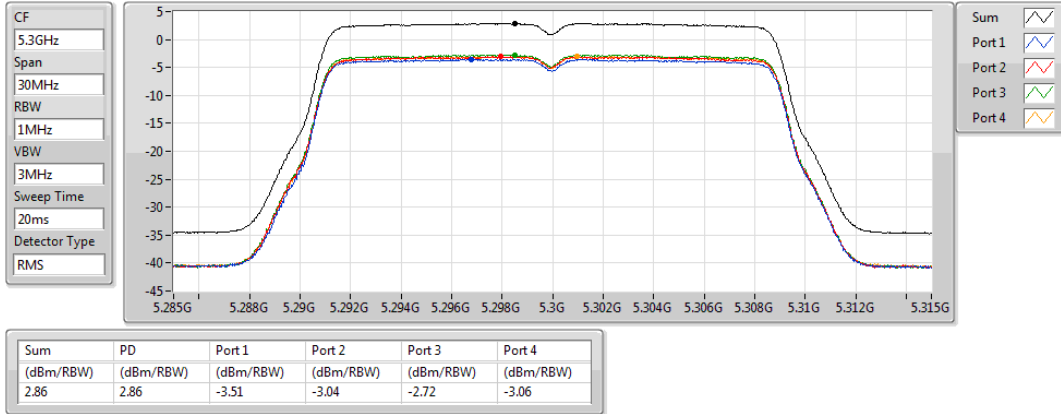


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

03/11/2019

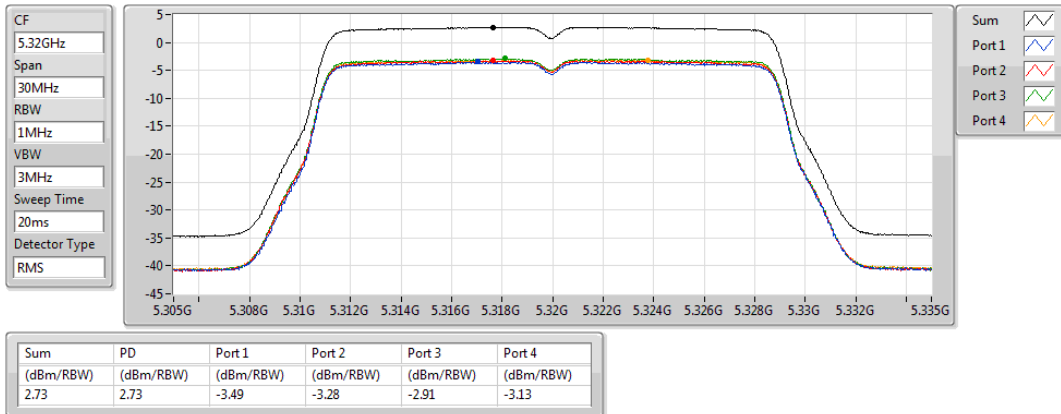


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

03/11/2019

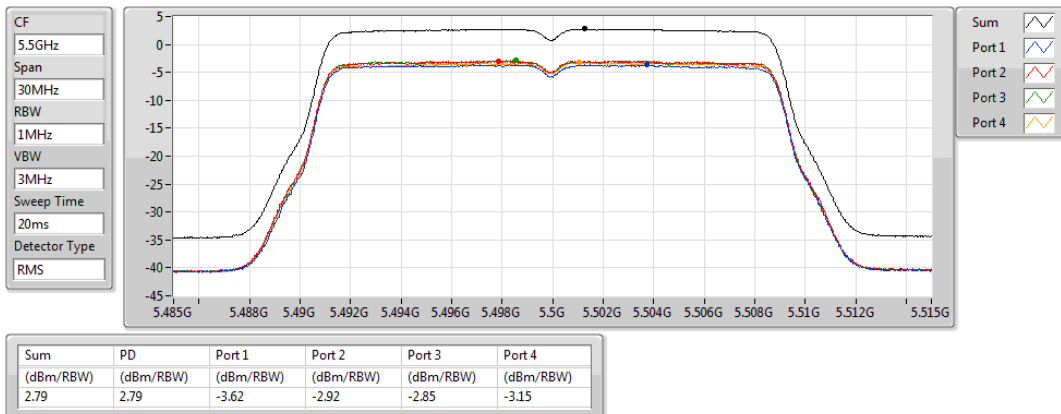


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

03/11/2019

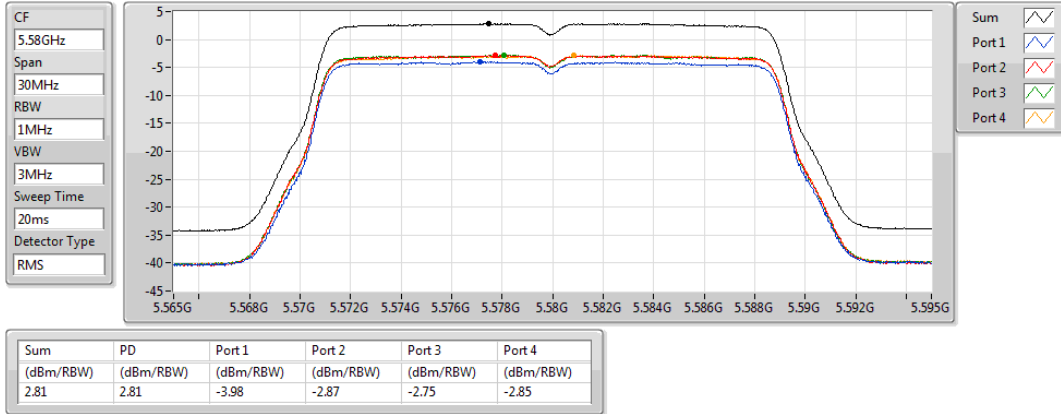


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

03/11/2019

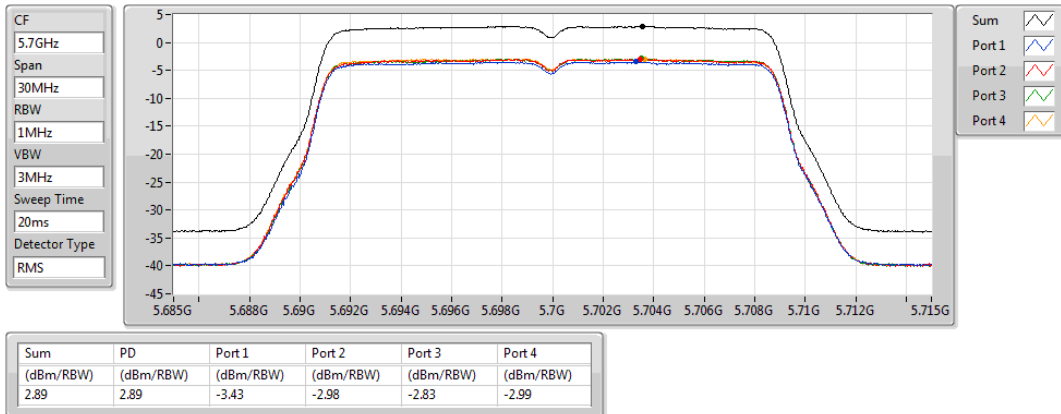


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5700MHz

03/11/2019

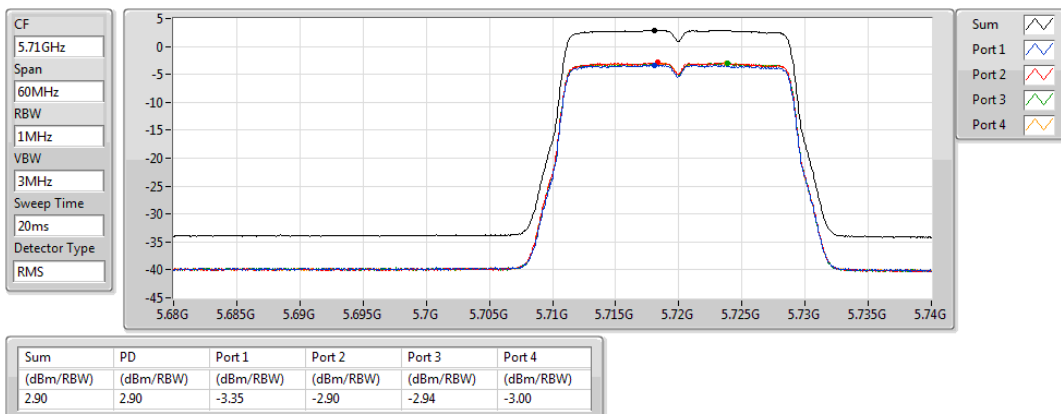


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

03/11/2019

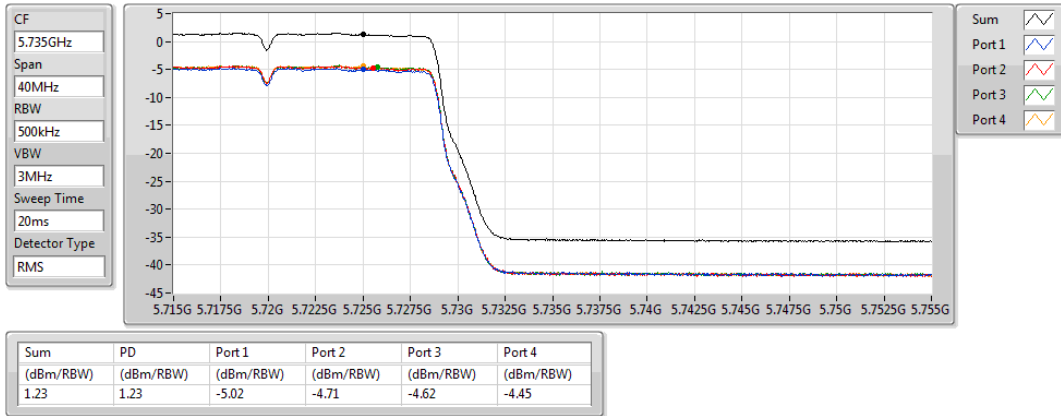


802.11ac VHT20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

03/11/2019

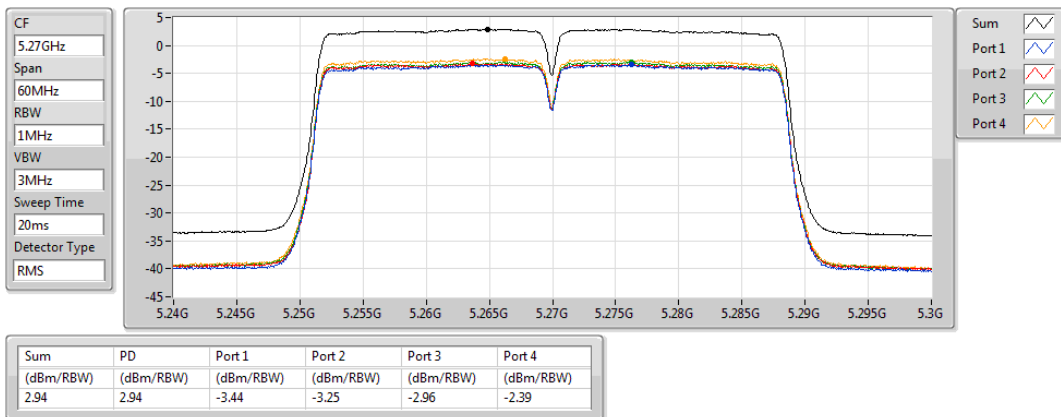


802.11ac VHT40_Nss1,(MCS0)_4TX

5270MHz

PSD

03/11/2019

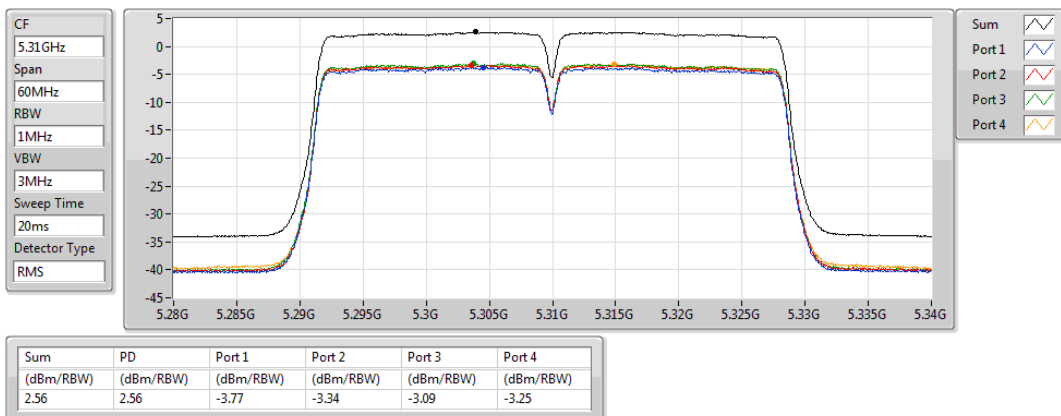


802.11ac VHT40_Nss1,(MCS0)_4TX

5310MHz

PSD

03/11/2019

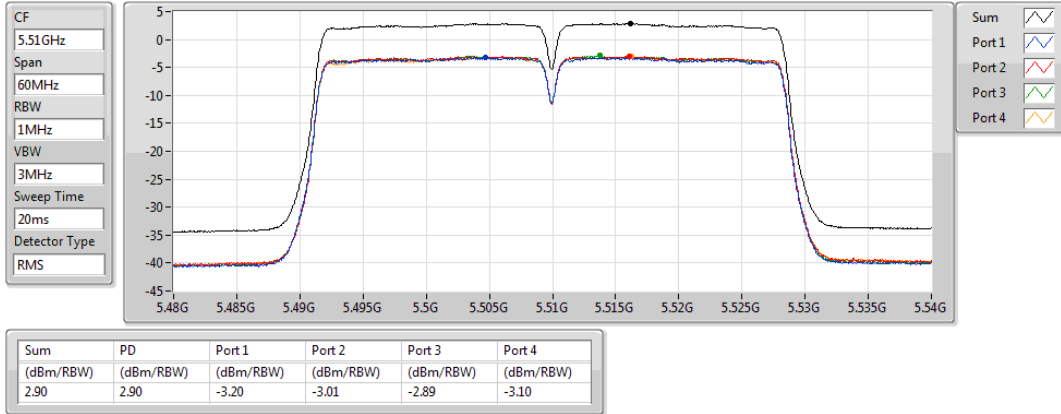


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

03/11/2019

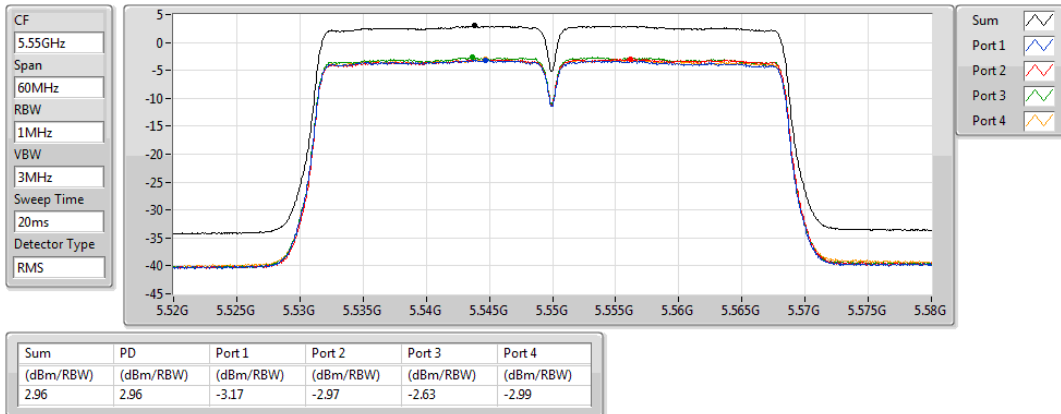


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

03/11/2019

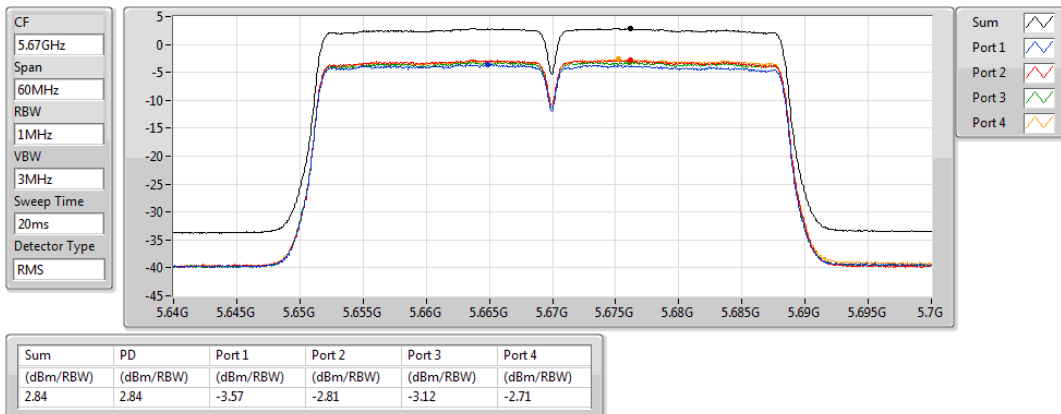


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5670MHz

03/11/2019

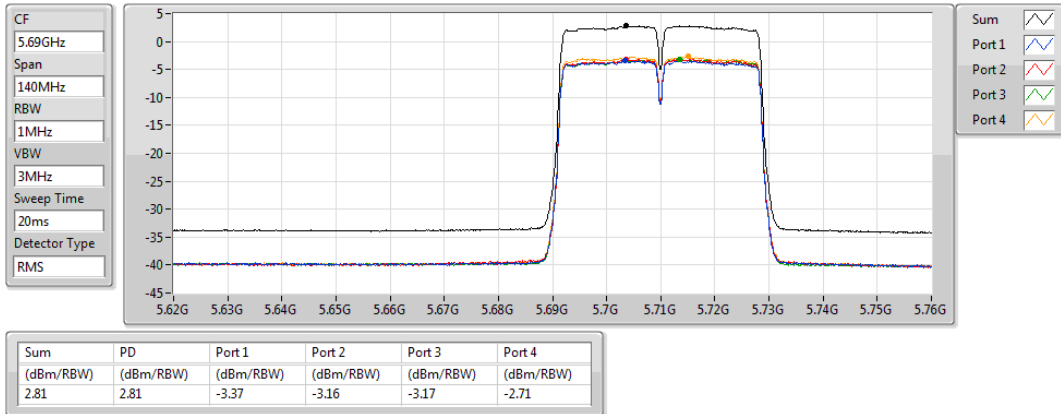


802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

PSD

03/11/2019

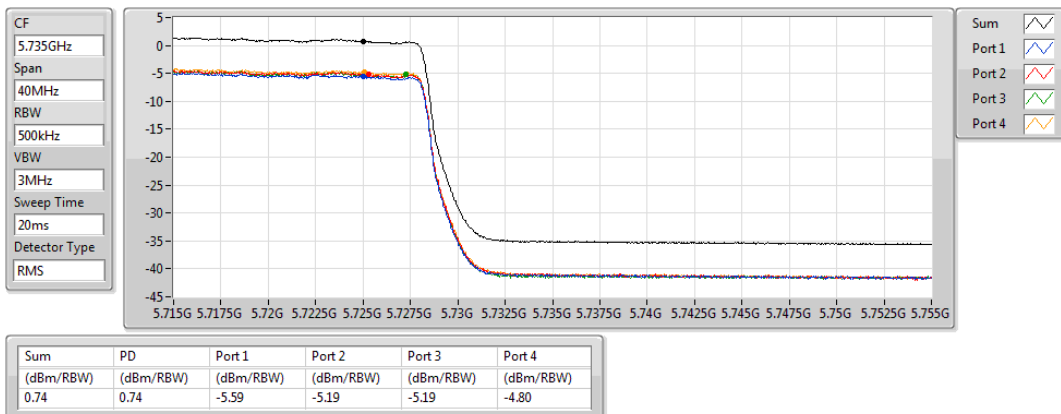


802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

03/11/2019

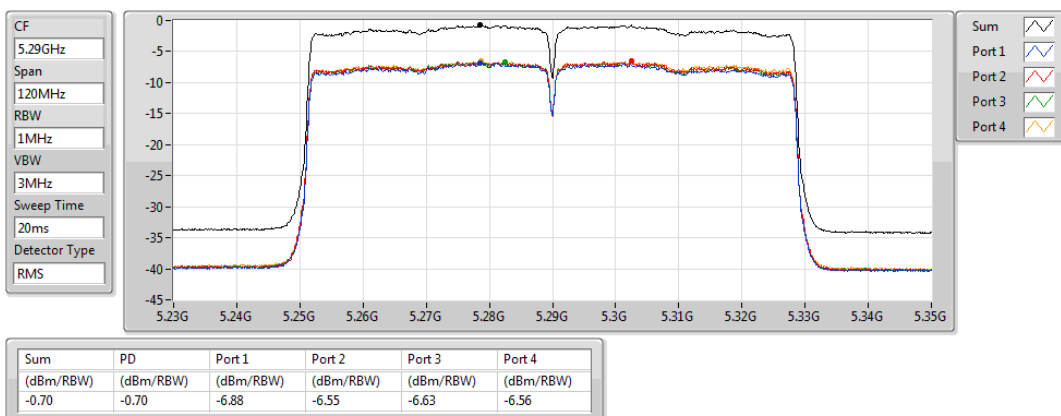


802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz

PSD

03/11/2019

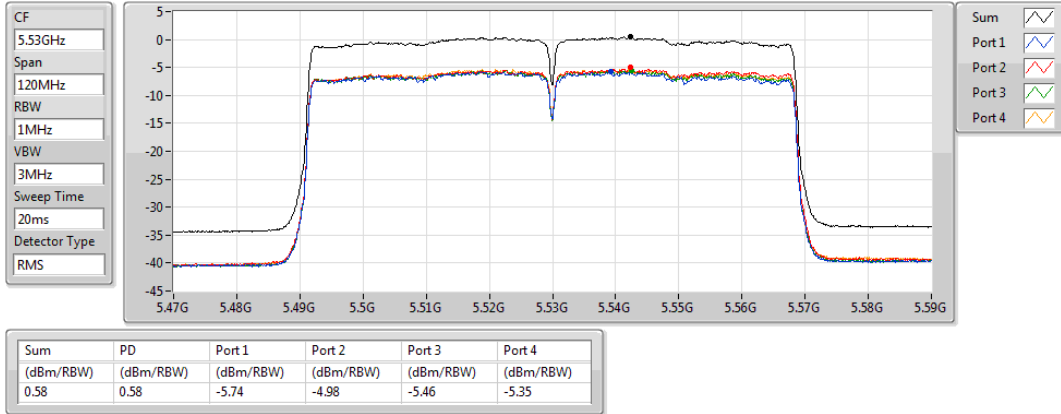


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

03/11/2019

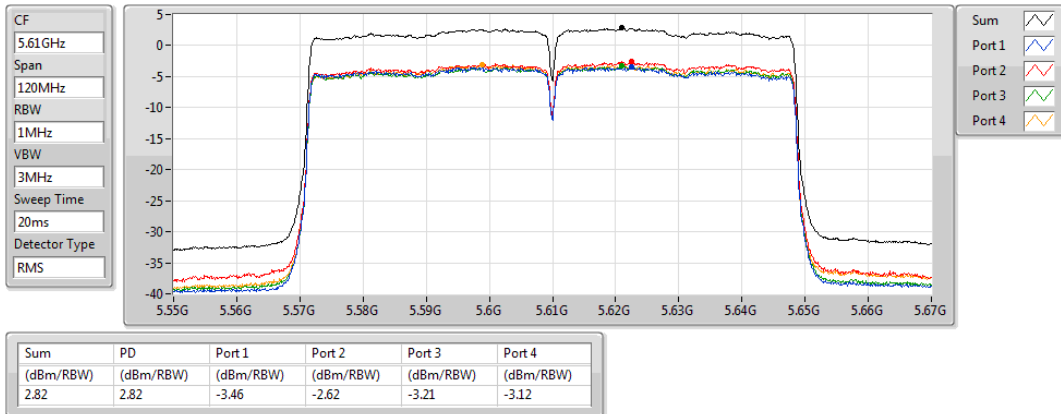


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

03/11/2019

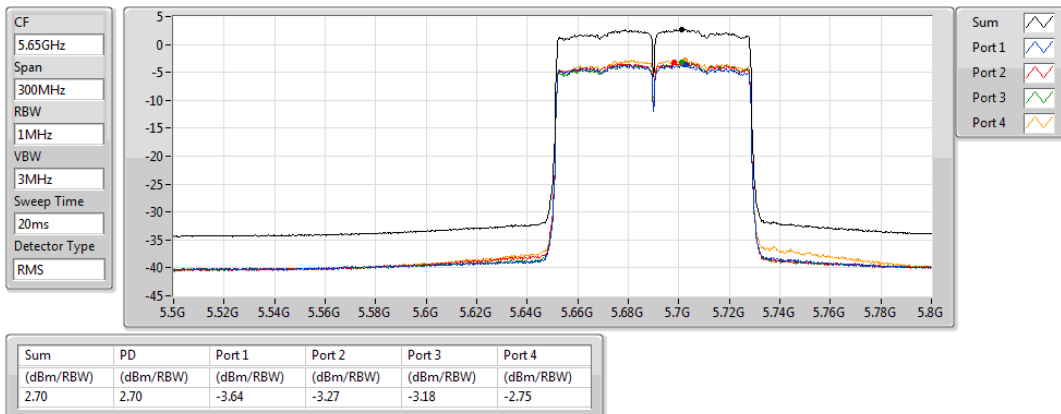


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

03/11/2019

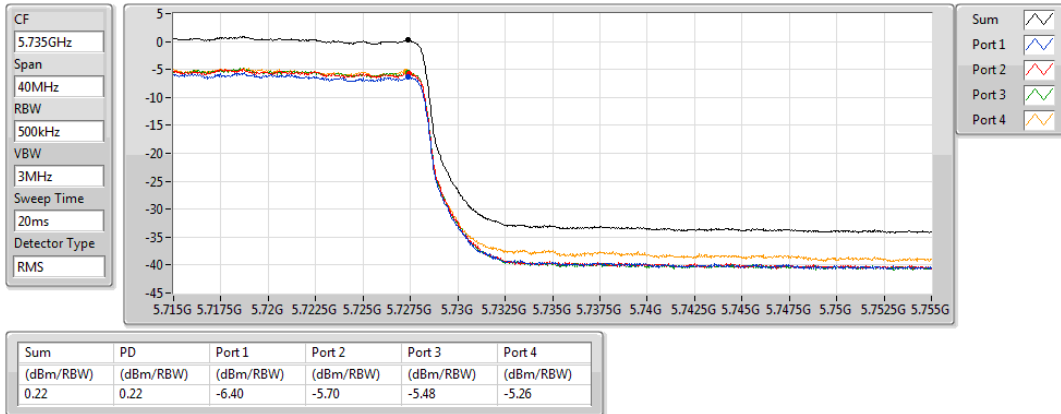


802.11ac VHT80_Nss1,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

PSD

03/11/2019

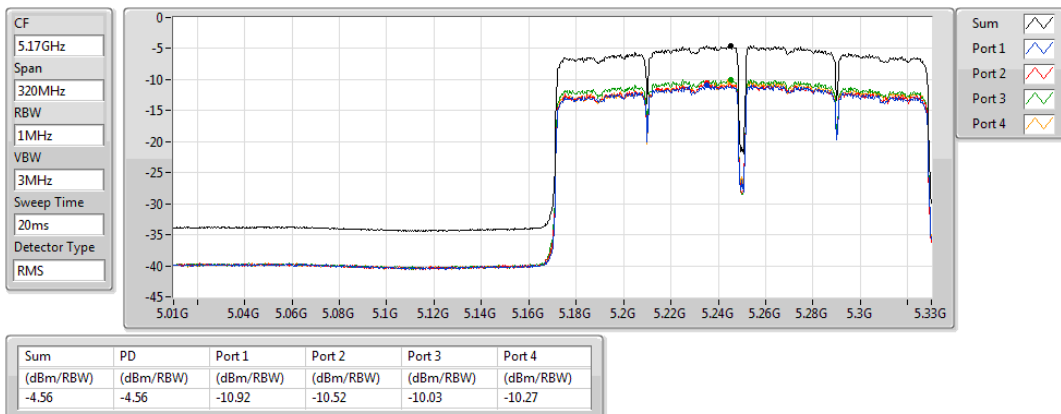


802.11ac VHT160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.15-5.25GHz

PSD

03/11/2019

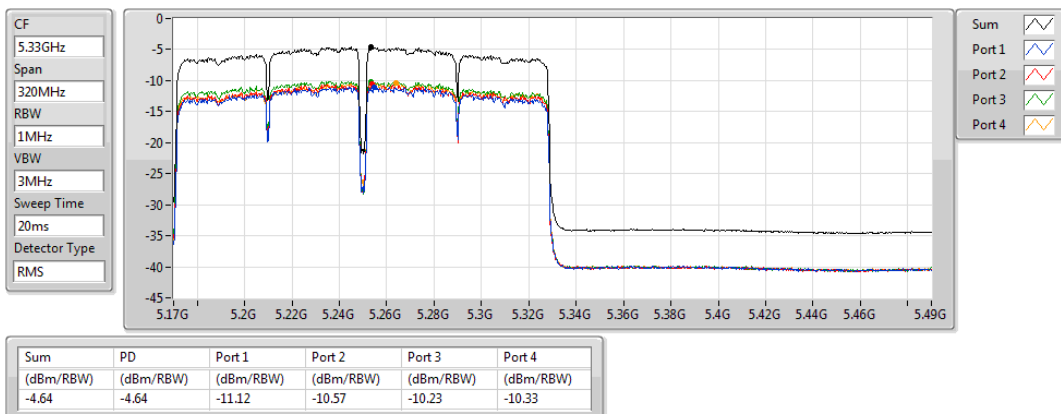


802.11ac VHT160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz

PSD

03/11/2019

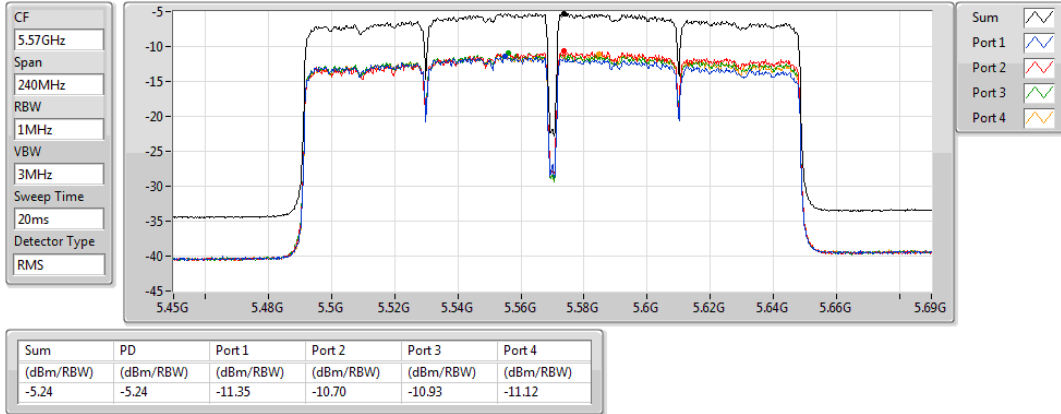


802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5570MHz

03/11/2019

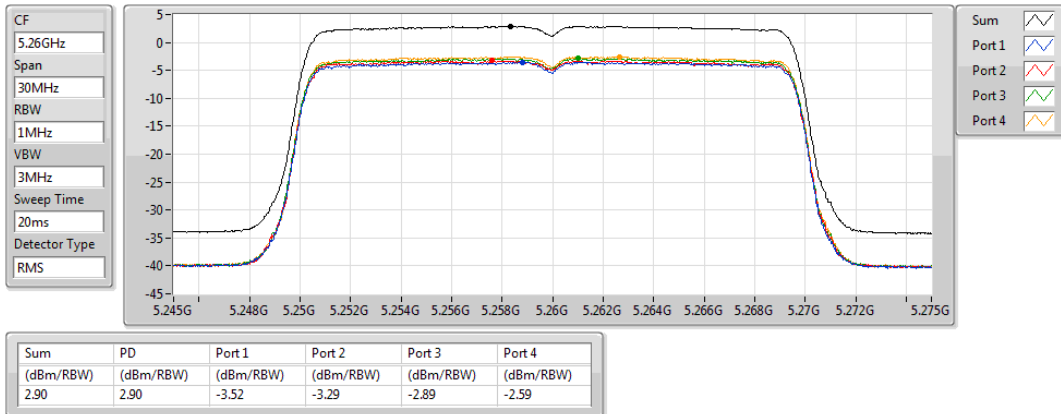


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

02/11/2019

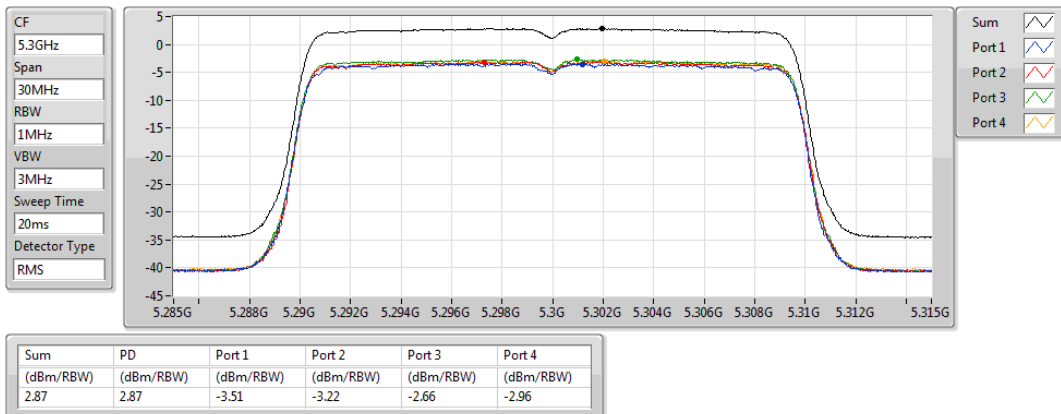


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

02/11/2019

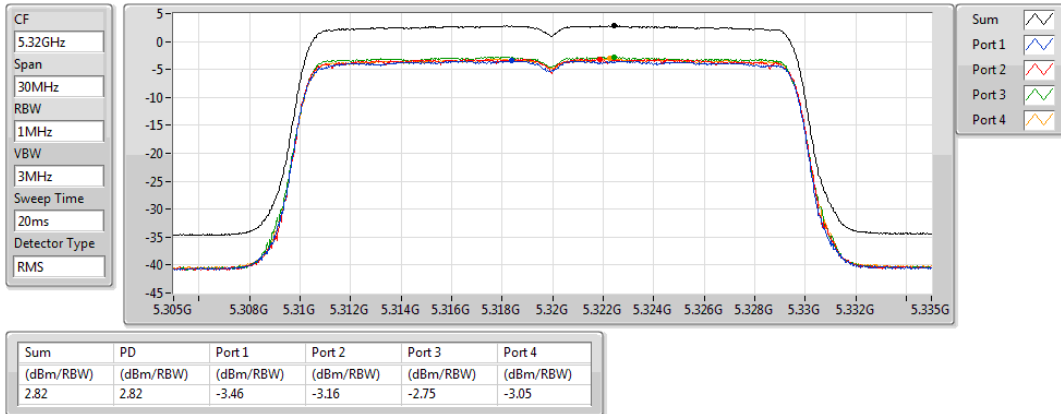


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

02/11/2019

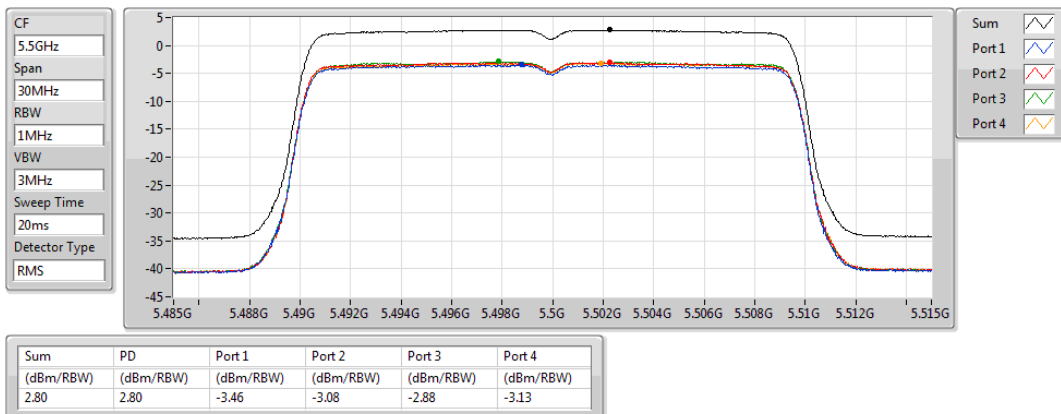


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

02/11/2019

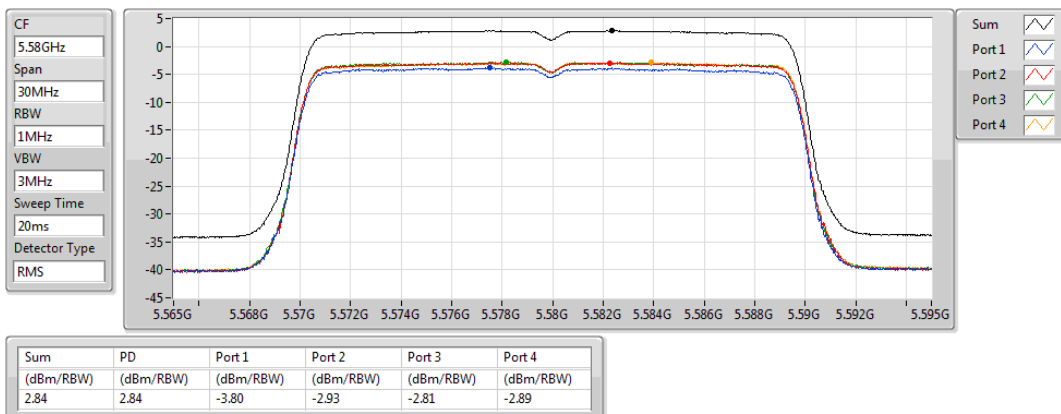


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

02/11/2019

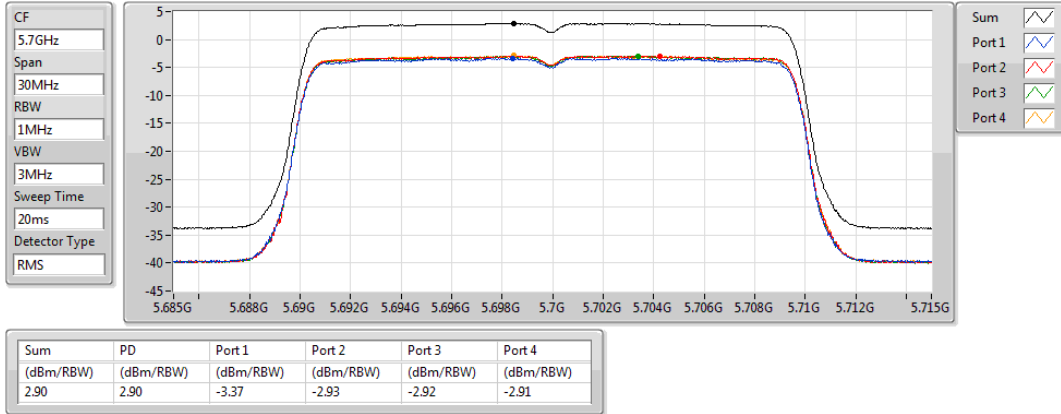


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

02/11/2019

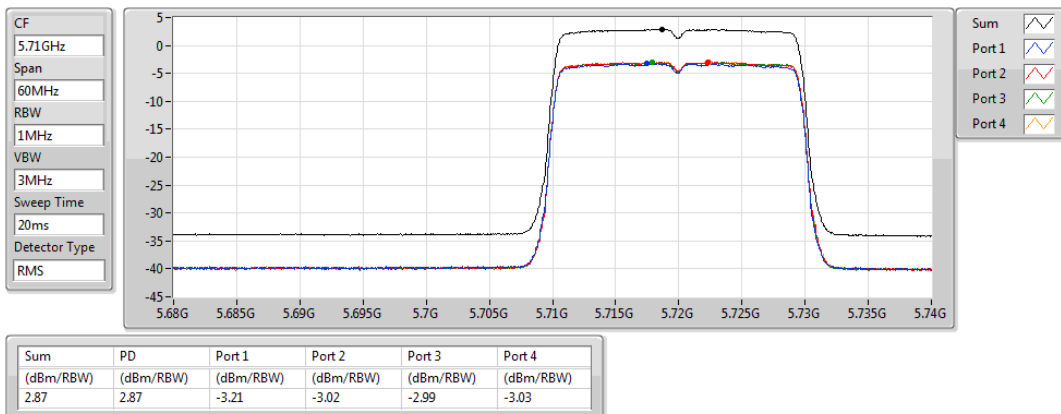


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

02/11/2019

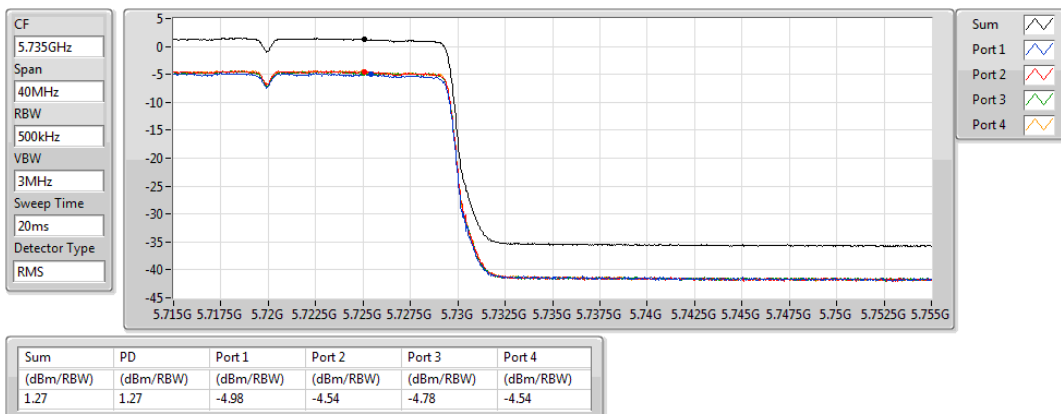


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

02/11/2019

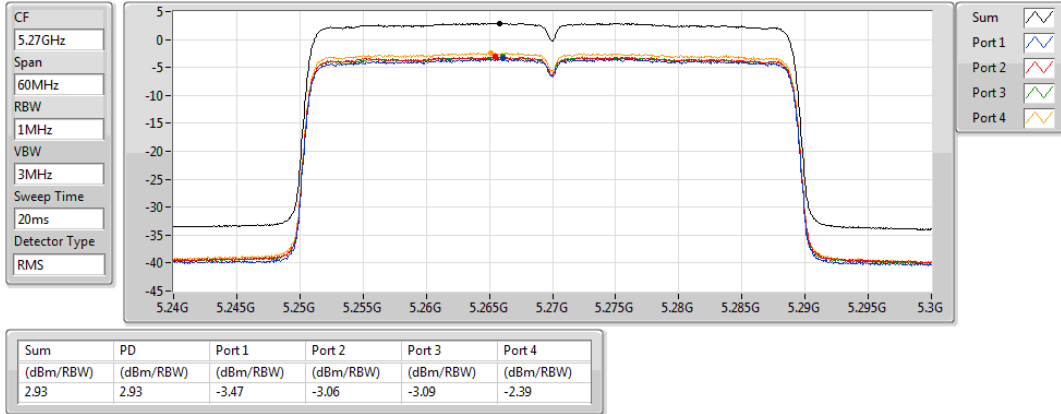


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

03/11/2019

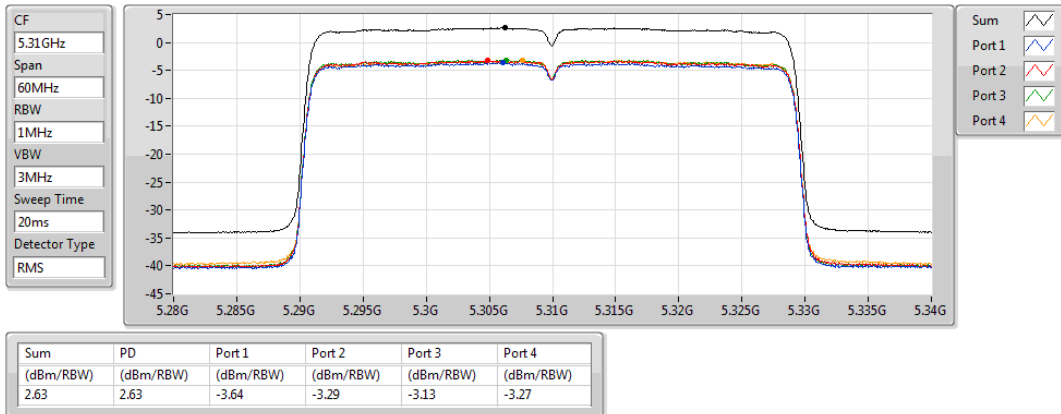


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

03/11/2019

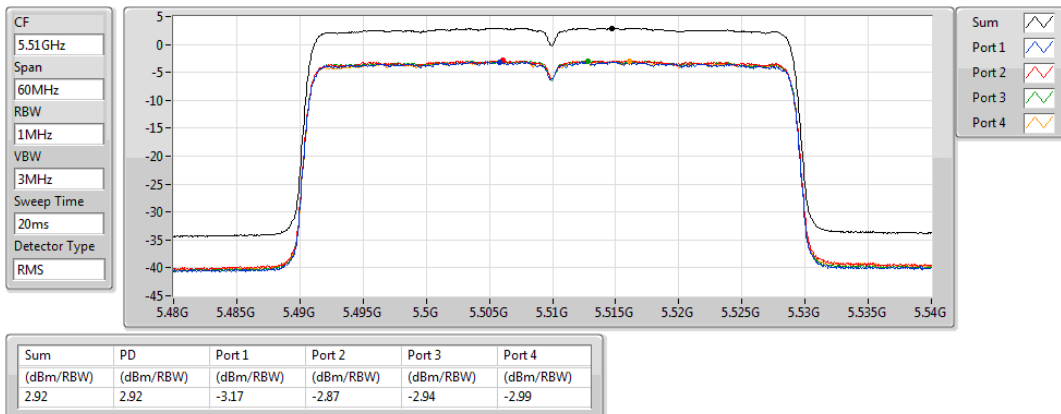


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

03/11/2019

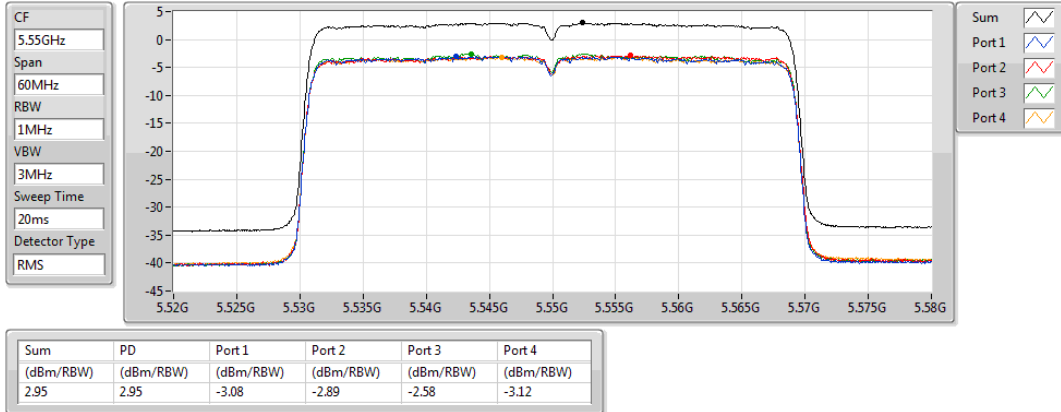


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

03/11/2019

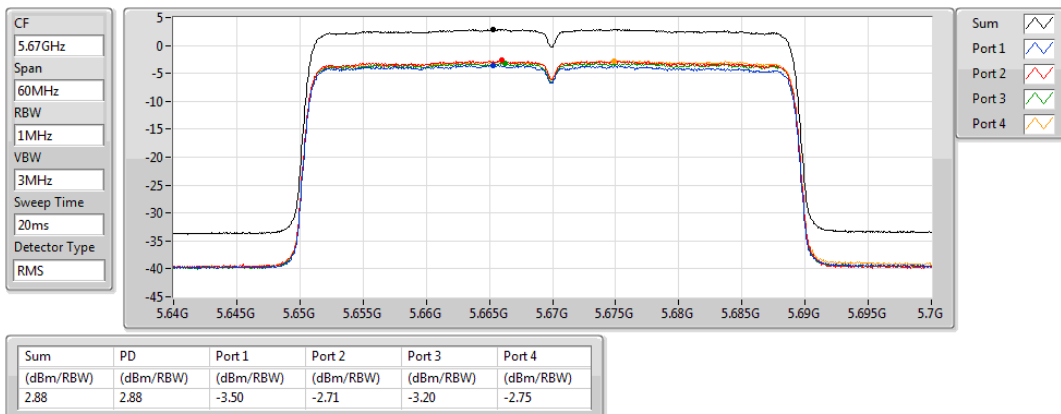


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

03/11/2019

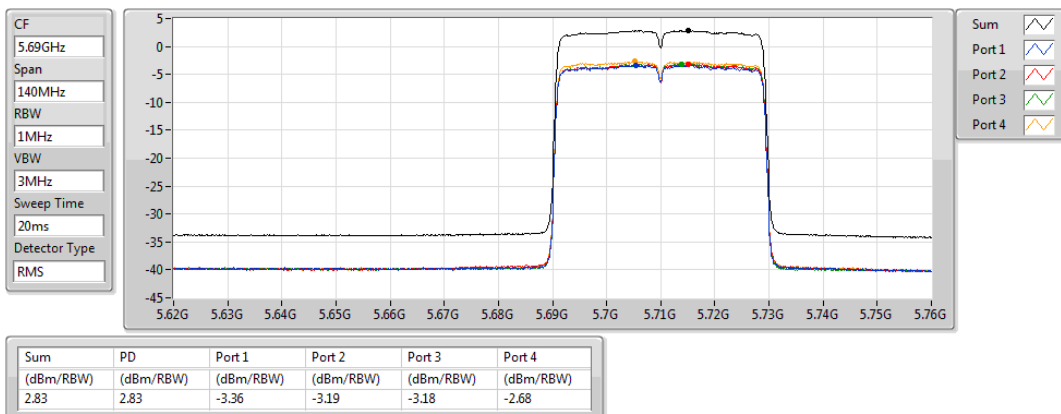


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

03/11/2019

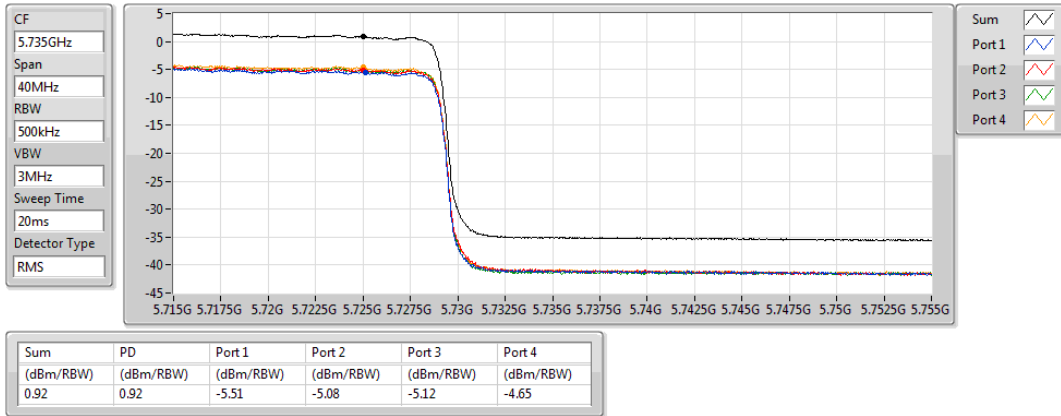


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

03/11/2019

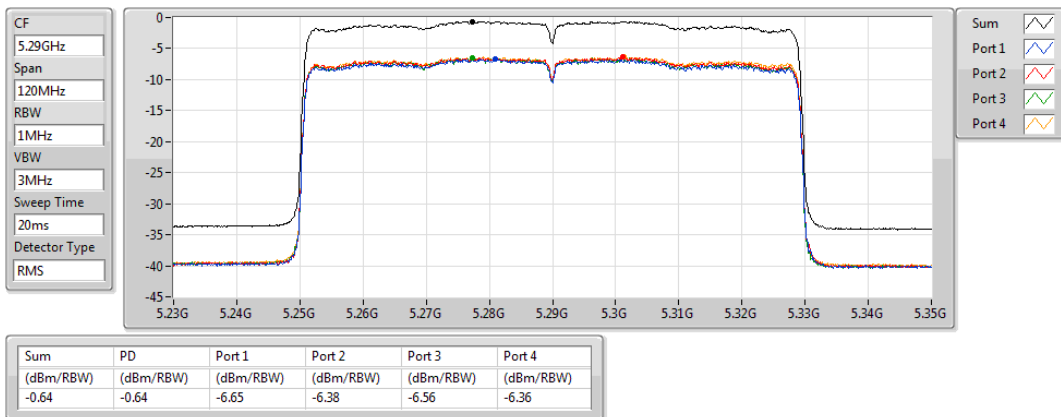


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

03/11/2019

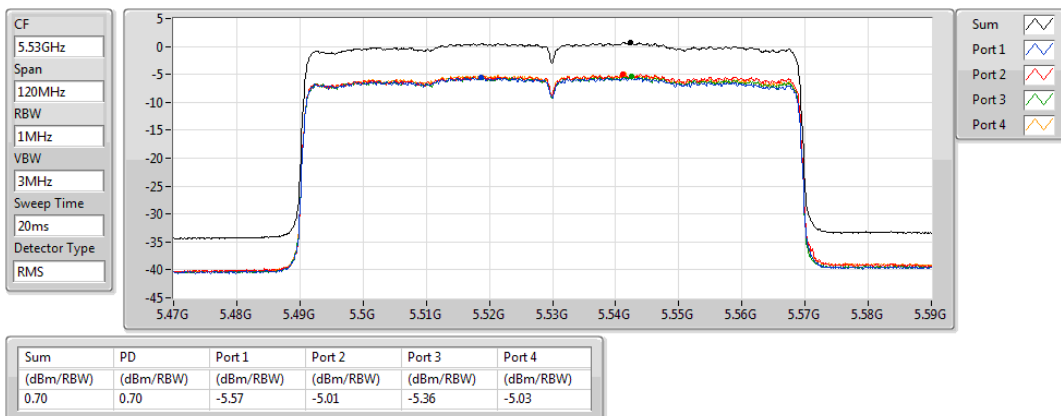


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

03/11/2019

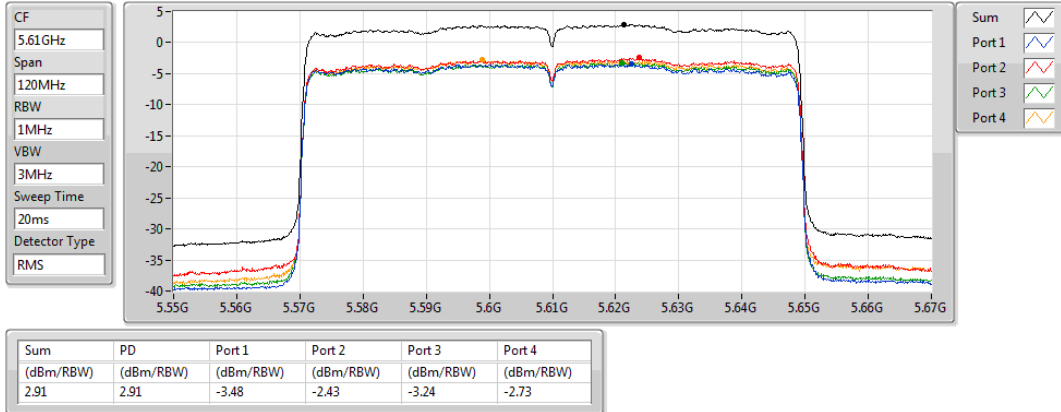


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

03/11/2019

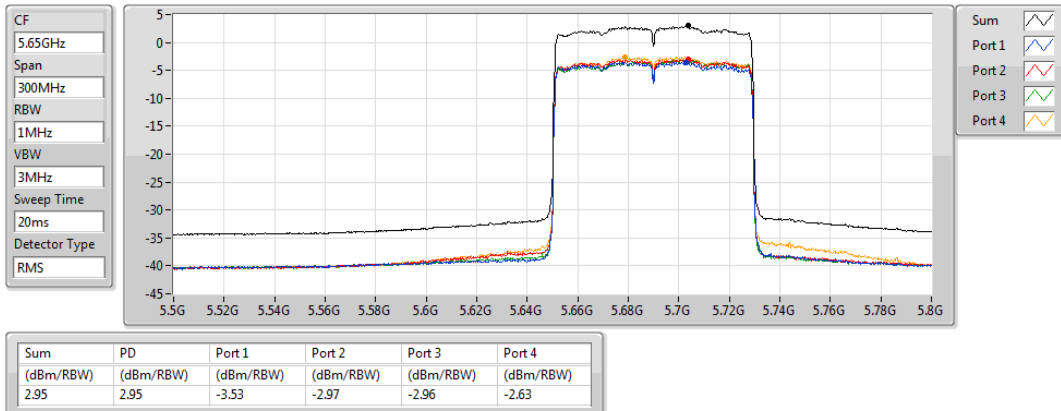


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

03/11/2019

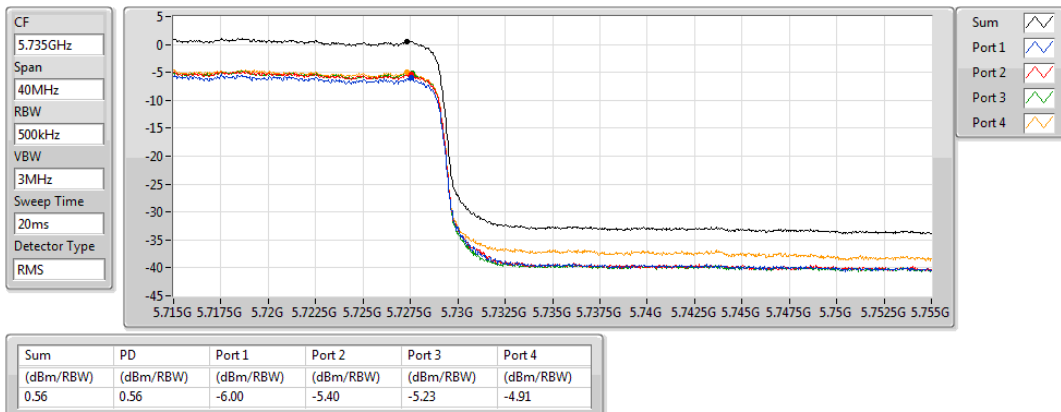


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

03/11/2019

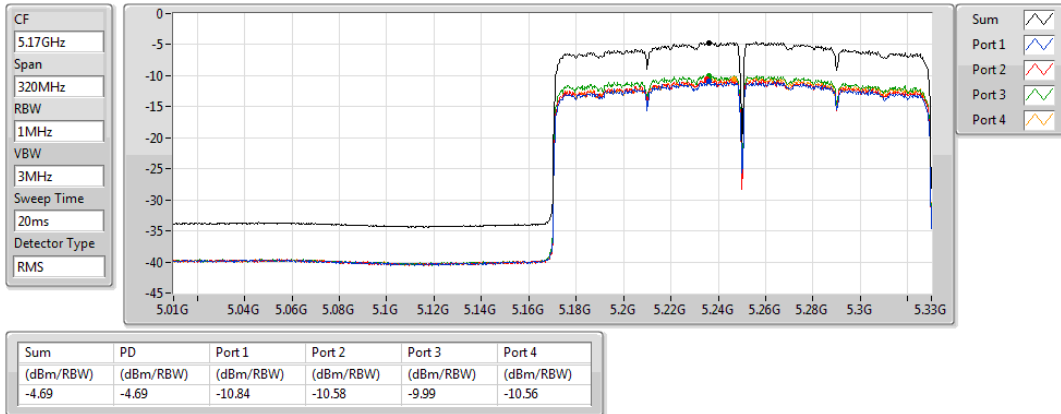


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

03/11/2019

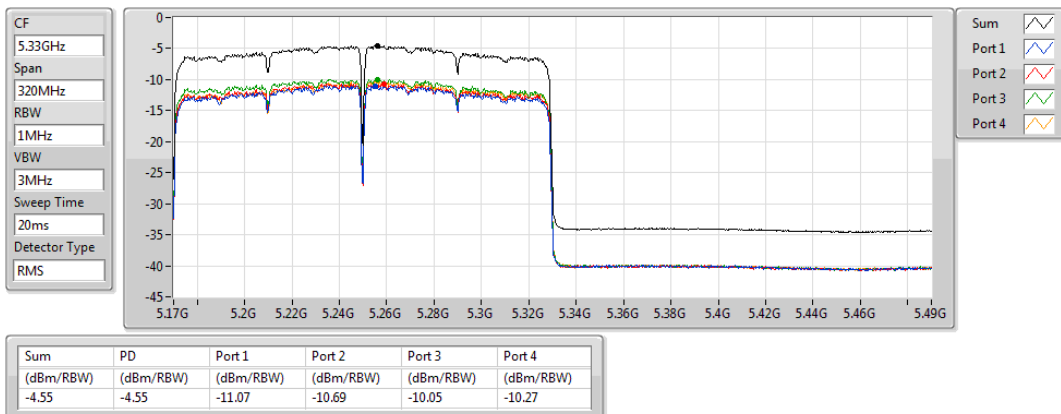


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

03/11/2019

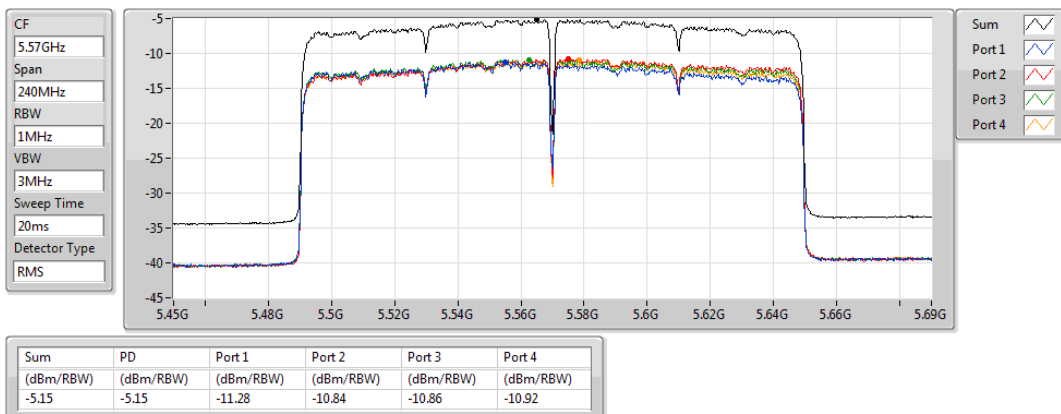


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5570MHz

03/11/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-5.38
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-5.57
5.25-5.35GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	2.11
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-0.63
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-3.60
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-5.47
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	2.97
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.05
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-3.48
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-5.28
5.47-5.725GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	2.25
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-0.53
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-3.14
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-5.77
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	2.82
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.31
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-2.85
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-5.90
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	0.44
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-2.66
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-6.18
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.57
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-2.02
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-5.90

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	14.02	-3.62	-4.31	-4.22	-3.04	2.09	2.98
5300MHz	Pass	14.02	-3.57	-4.10	-4.11	-3.55	2.09	2.98
5320MHz	Pass	14.02	-3.40	-3.99	-4.11	-3.46	2.11	2.98
5500MHz	Pass	14.02	-3.62	-3.50	-3.94	-4.04	2.14	2.98
5580MHz	Pass	14.02	-3.98	-3.51	-3.74	-3.81	2.08	2.98
5700MHz	Pass	14.02	-3.95	-2.20	-4.16	-4.59	2.25	2.98
5720MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.88	-2.24	-4.28	-4.71	2.24	2.98
5720MHz Straddle 5.725-5.85GHz	Pass	14.02	-5.46	-4.06	-6.17	-6.49	0.44	21.98
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	14.02	-6.14	-6.79	-6.71	-6.53	-0.63	2.98
5310MHz	Pass	14.02	-6.33	-6.69	-6.98	-7.13	-0.89	2.98
5510MHz	Pass	14.02	-6.37	-6.39	-7.18	-6.93	-0.78	2.98
5550MHz	Pass	14.02	-6.35	-6.13	-6.90	-7.12	-0.80	2.98
5670MHz	Pass	14.02	-6.97	-4.45	-7.41	-7.39	-0.58	2.98
5710MHz Straddle 5.47-5.725GHz	Pass	14.02	-6.91	-4.69	-7.14	-7.36	-0.53	2.98
5710MHz Straddle 5.725-5.85GHz	Pass	14.02	-8.92	-6.89	-9.35	-9.53	-2.66	21.98
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	14.02	-8.77	-9.39	-9.63	-9.74	-3.60	2.98
5530MHz	Pass	14.02	-8.66	-8.77	-9.56	-9.20	-3.14	2.98
5610MHz	Pass	14.02	-9.34	-7.29	-10.04	-10.40	-3.26	2.98
5690MHz Straddle 5.47-5.725GHz	Pass	14.02	-9.53	-8.11	-10.43	-10.32	-3.69	2.98
5690MHz Straddle 5.725-5.85GHz	Pass	14.02	-12.44	-10.61	-13.02	-12.81	-6.18	21.98
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.02	-11.12	-10.80	-11.59	-11.26	-5.38	8.98
5250MHz Straddle 5.25-5.35GHz	Pass	14.02	-11.11	-11.25	-11.66	-11.03	-5.47	2.98
5570MHz	Pass	14.02	-11.34	-12.40	-11.24	-10.96	-5.77	2.98
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	14.02	-2.92	-3.60	-3.50	-1.97	2.92	2.98
5300MHz	Pass	14.02	-2.77	-3.36	-3.38	-2.60	2.93	2.98
5320MHz	Pass	14.02	-2.45	-3.31	-3.42	-2.50	2.97	2.98
5500MHz	Pass	14.02	-2.90	-2.78	-3.41	-3.41	2.76	2.98
5580MHz	Pass	14.02	-3.28	-2.97	-3.16	-3.36	2.70	2.98
5700MHz	Pass	14.02	-3.20	-1.74	-3.72	-3.95	2.82	2.98
5720MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.60	-2.02	-4.14	-4.36	2.42	2.98
5720MHz Straddle 5.725-5.85GHz	Pass	14.02	-5.26	-3.95	-6.03	-6.36	0.57	21.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	14.02	-5.47	-6.14	-6.16	-5.87	0.05	2.98
5310MHz	Pass	14.02	-5.49	-6.03	-6.18	-6.32	-0.09	2.98
5510MHz	Pass	14.02	-5.41	-5.47	-6.46	-6.31	-0.06	2.98
5550MHz	Pass	14.02	-5.87	-5.99	-6.52	-6.64	-0.37	2.98
5670MHz	Pass	14.02	-6.02	-3.60	-6.71	-6.70	0.31	2.98
5710MHz Straddle 5.47-5.725GHz	Pass	14.02	-6.11	-4.36	-6.86	-6.93	-0.10	2.98
5710MHz Straddle 5.725-5.85GHz	Pass	14.02	-8.37	-6.11	-8.85	-8.82	-2.02	21.98



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 HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	14.02	-8.68	-9.38	-9.48	-9.70	-3.48	2.98
5530MHz	Pass	14.02	-8.27	-8.38	-9.08	-8.94	-2.85	2.98
5610MHz	Pass	14.02	-9.18	-7.10	-10.10	-10.11	-2.99	2.98
5690MHz Straddle 5.47-5.725GHz	Pass	14.02	-9.36	-7.87	-10.16	-10.10	-3.43	2.98
5690MHz Straddle 5.725-5.85GHz	Pass	14.02	-11.76	-10.42	-12.51	-12.64	-5.90	21.98
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.02	-11.09	-11.06	-11.41	-11.38	-5.57	8.98
5250MHz Straddle 5.25-5.35GHz	Pass	14.02	-11.26	-11.02	-11.20	-11.25	-5.28	2.98
5570MHz	Pass	14.02	-11.49	-12.90	-11.41	-11.35	-5.90	2.98

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

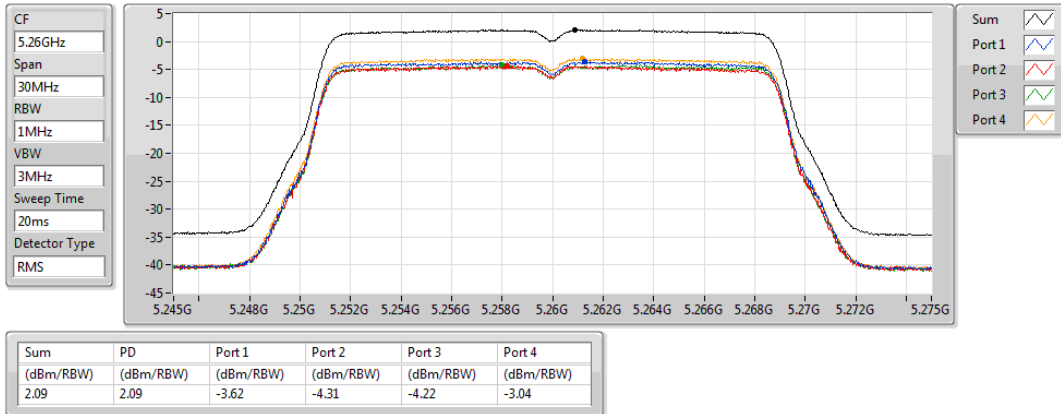
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

04/11/2019

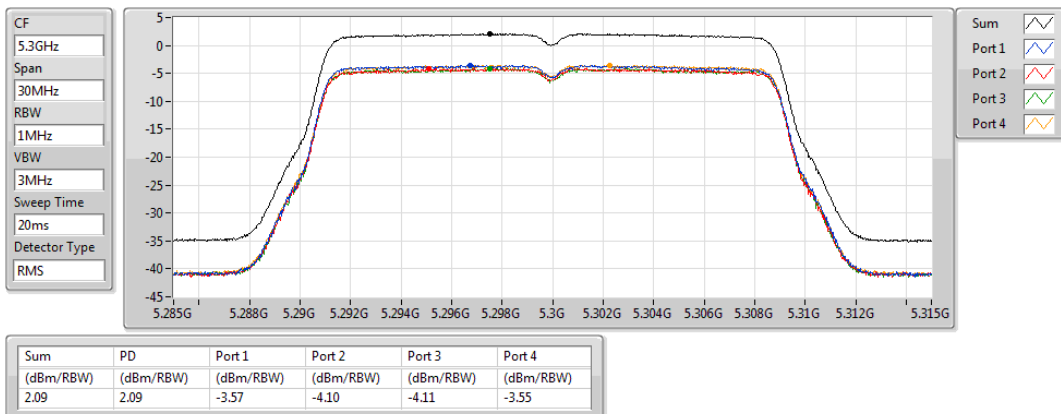


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

04/11/2019

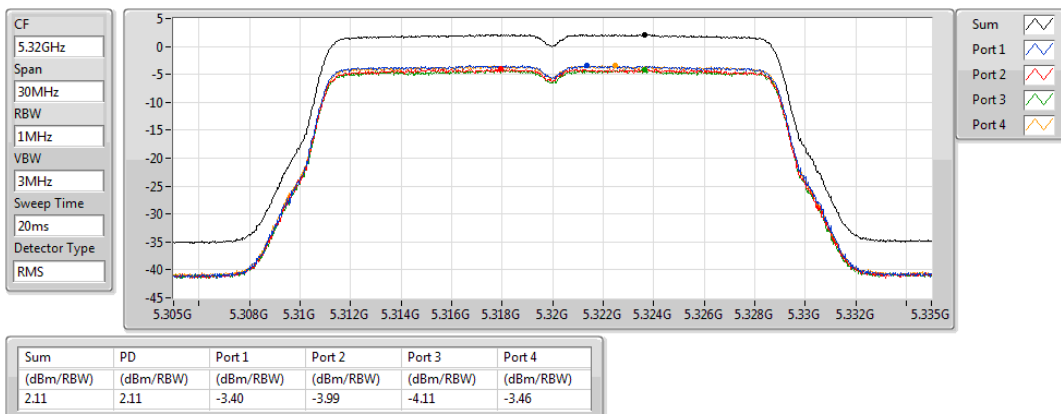


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

04/11/2019

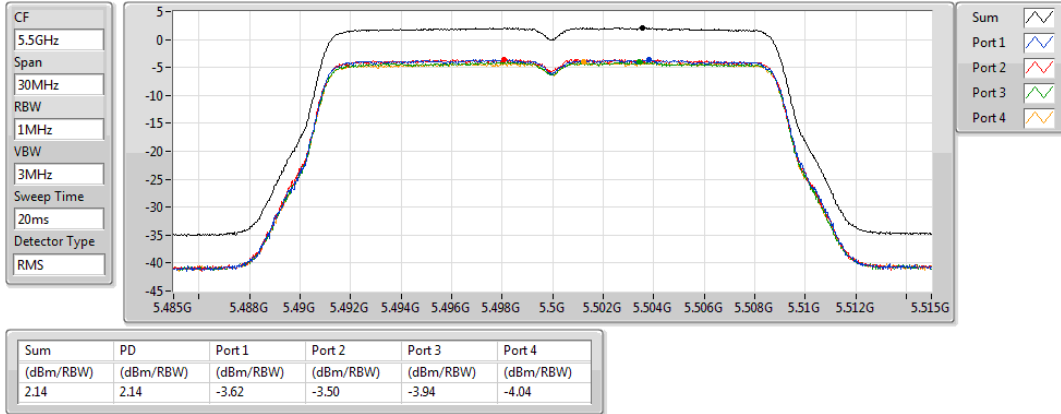


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

04/11/2019

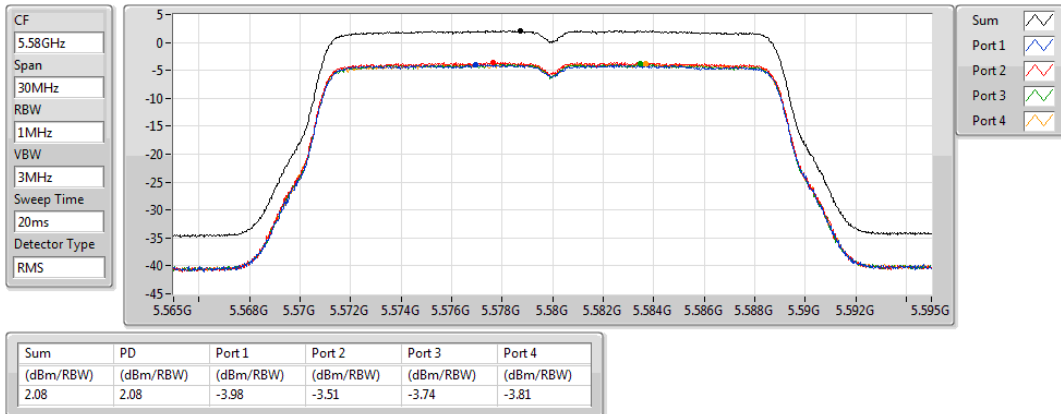


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

04/11/2019

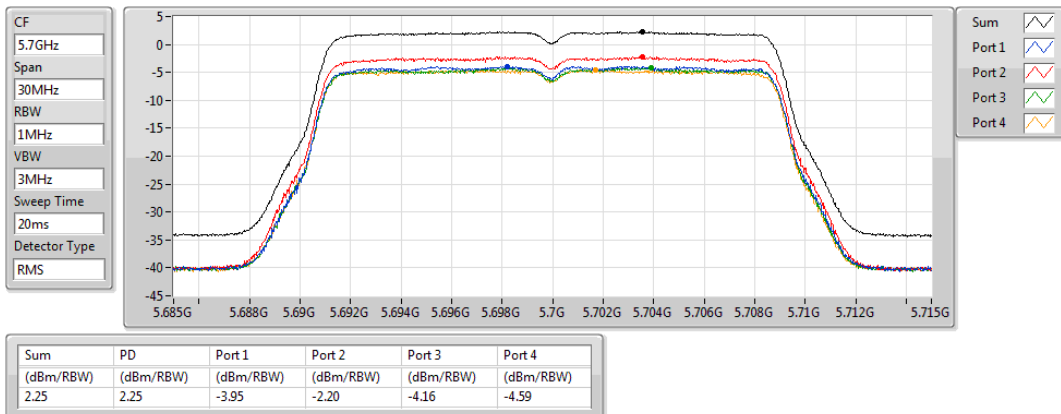


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

04/11/2019

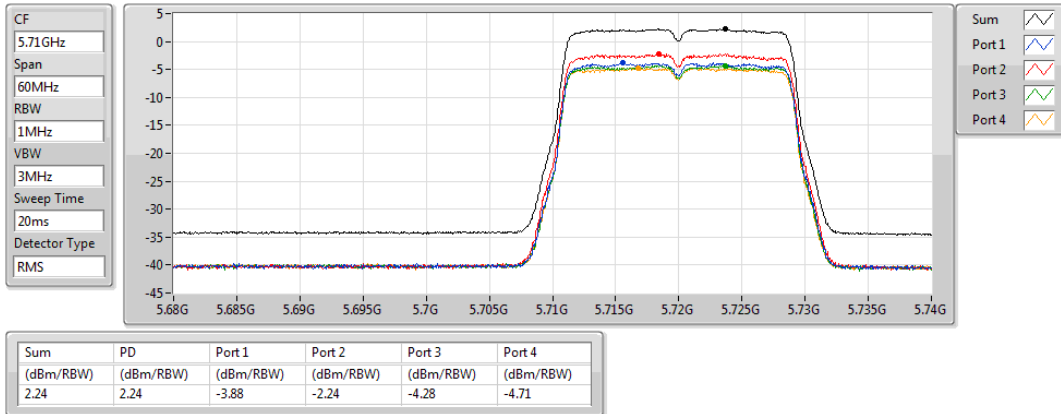


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

04/11/2019

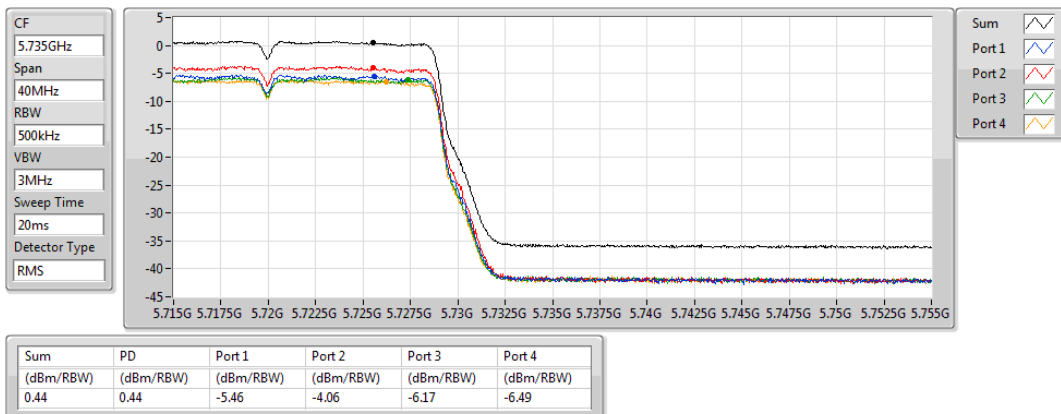


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

04/11/2019

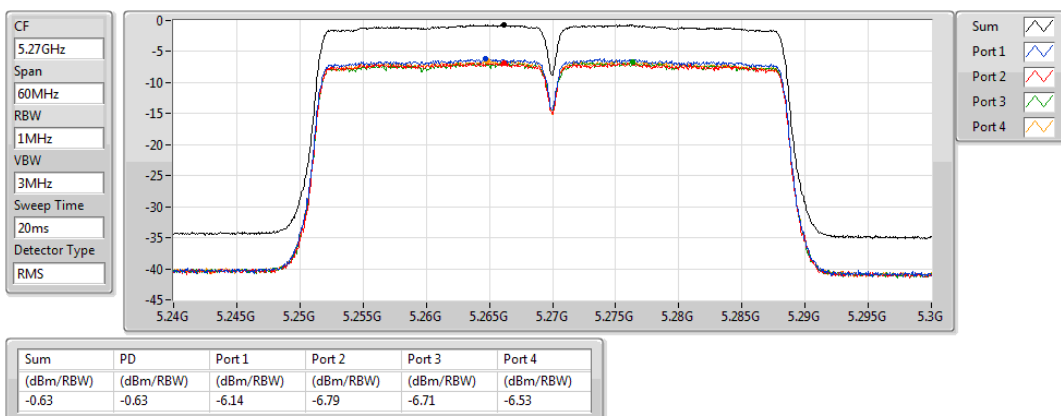


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

04/11/2019

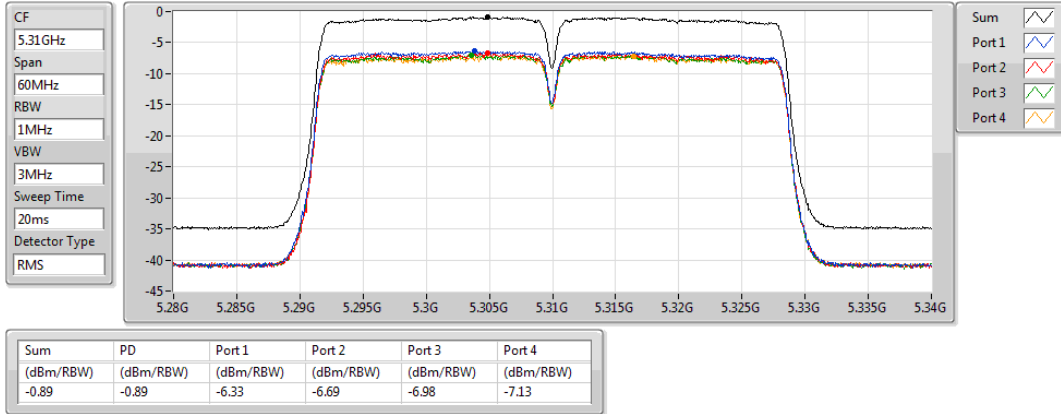


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

04/11/2019

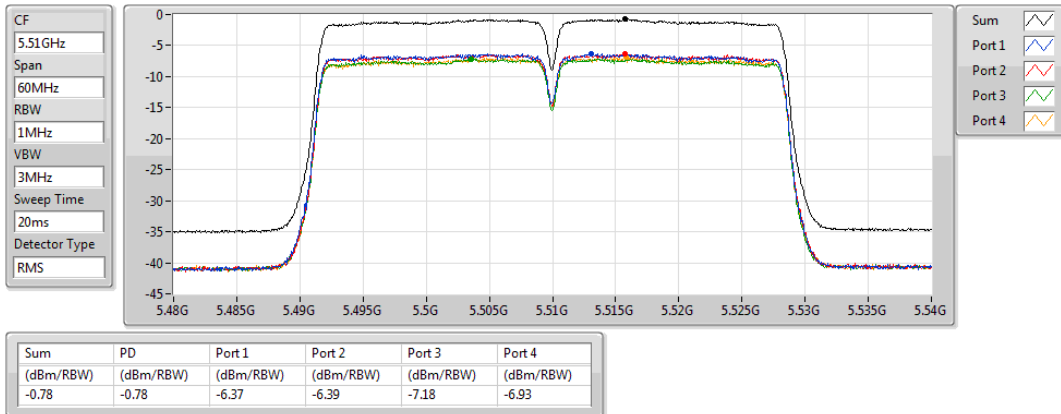


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

04/11/2019

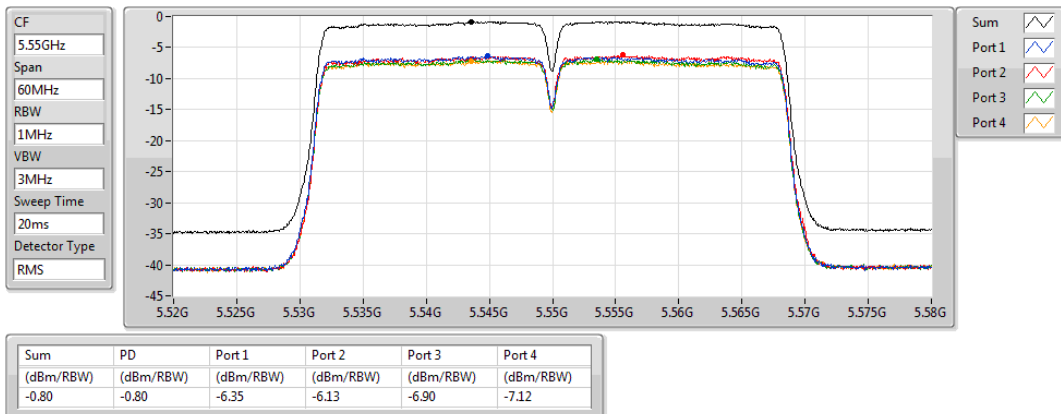


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

04/11/2019

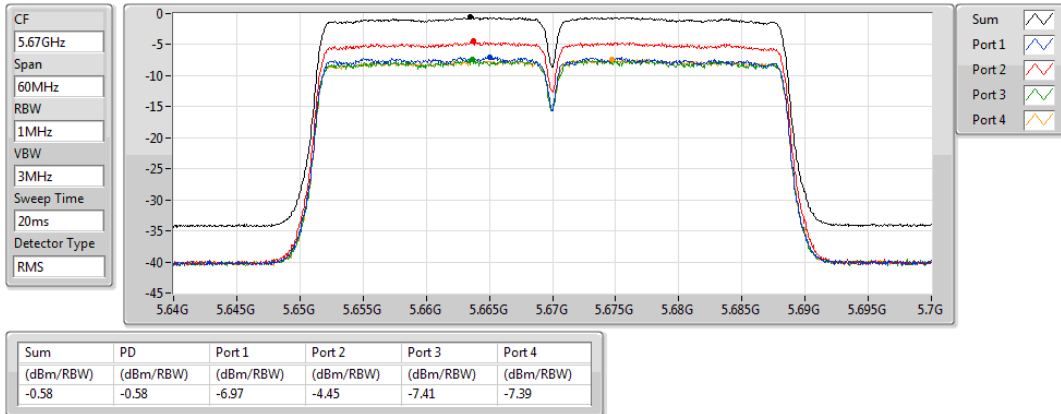


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

04/11/2019

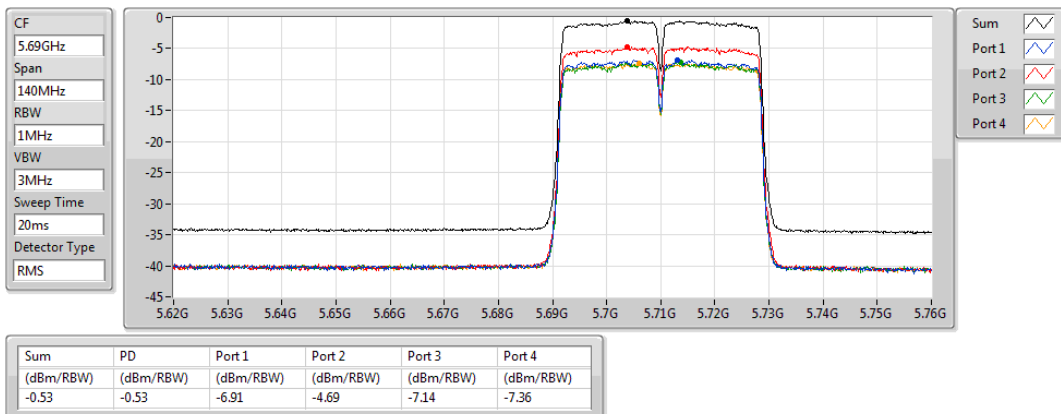


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

04/11/2019

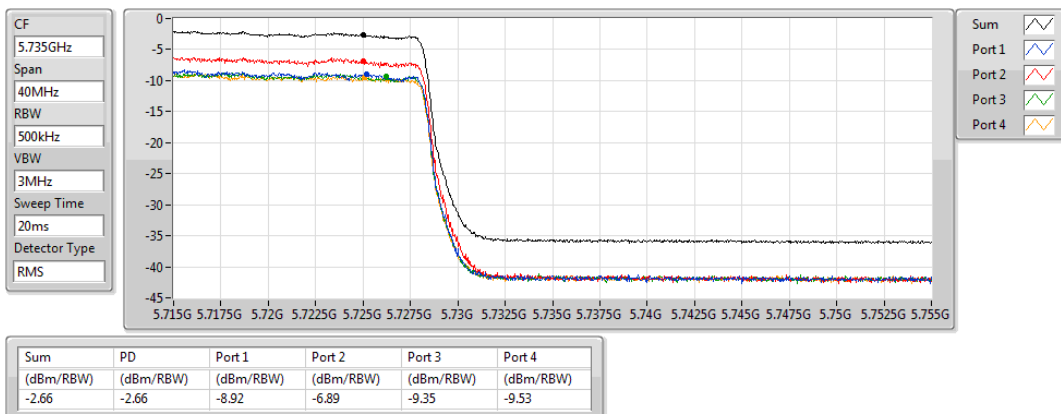


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

04/11/2019

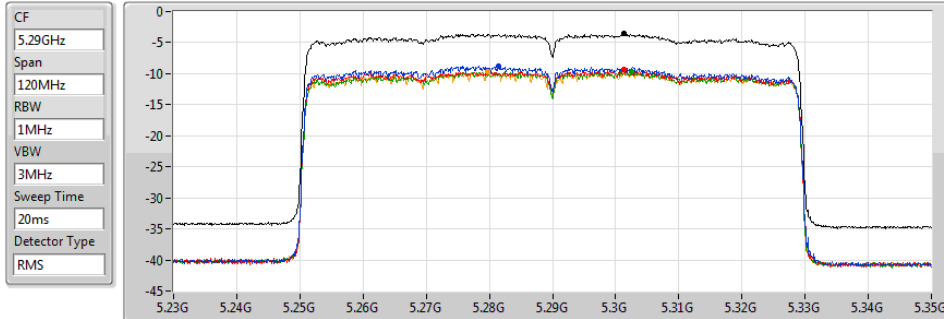


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

04/11/2019



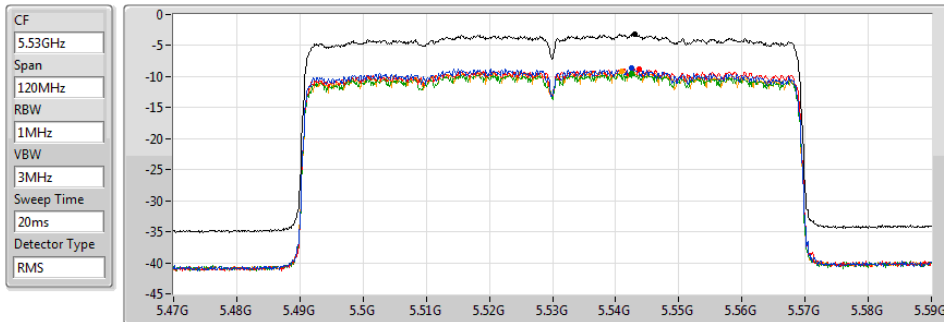
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/120MHz)	(dBm/120MHz)	(dBm/120MHz)	(dBm/120MHz)	(dBm/120MHz)	(dBm/120MHz)
-3.60	-3.60	-8.77	-9.39	-9.63	-9.74

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

04/11/2019



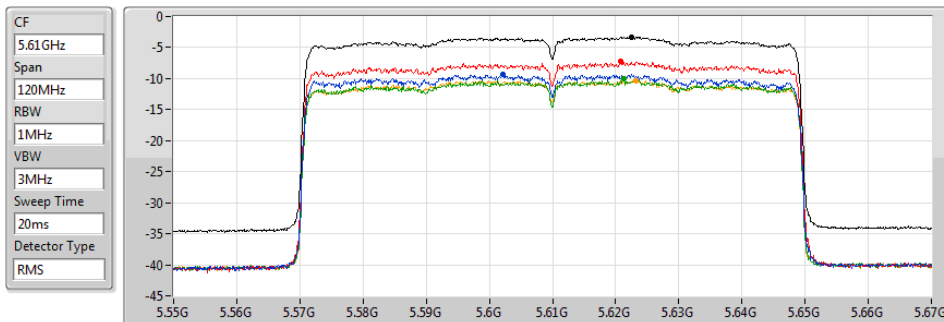
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/120MHz)	(dBm/120MHz)	(dBm/120MHz)	(dBm/120MHz)	(dBm/120MHz)	(dBm/120MHz)
-3.14	-3.14	-8.66	-8.77	-9.56	-9.20

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

04/11/2019



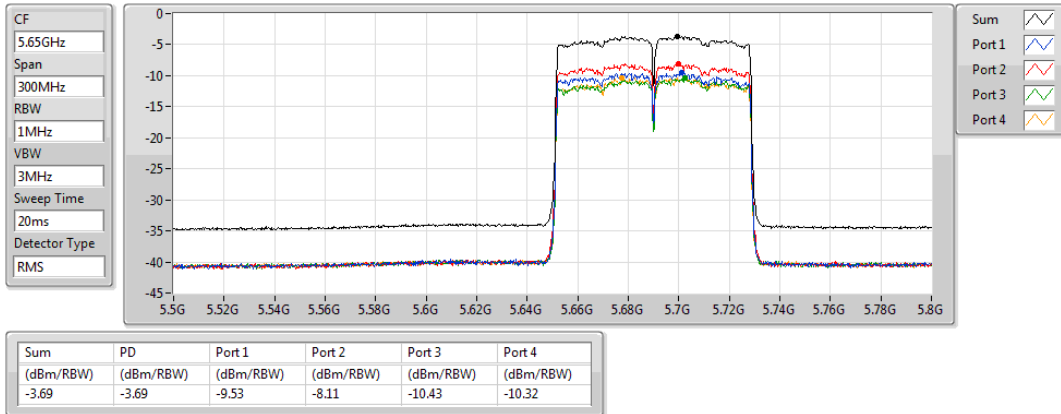
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/120MHz)	(dBm/120MHz)	(dBm/120MHz)	(dBm/120MHz)	(dBm/120MHz)	(dBm/120MHz)
-3.26	-3.26	-9.34	-7.29	-10.04	-10.40

802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz

PSD

04/11/2019

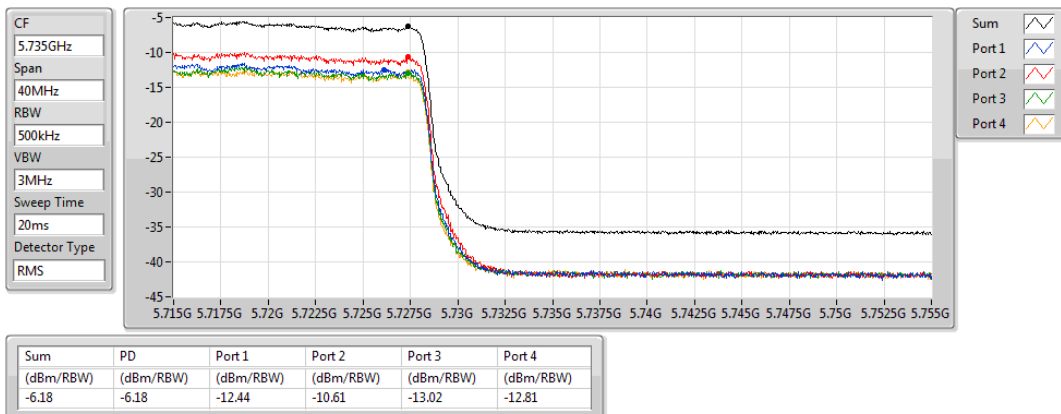


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

PSD

04/11/2019

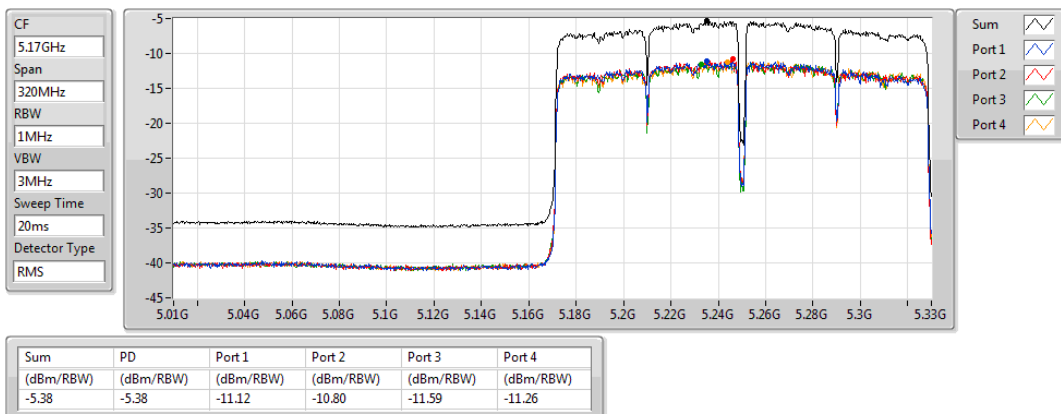


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.15-5.25GHz

PSD

04/11/2019

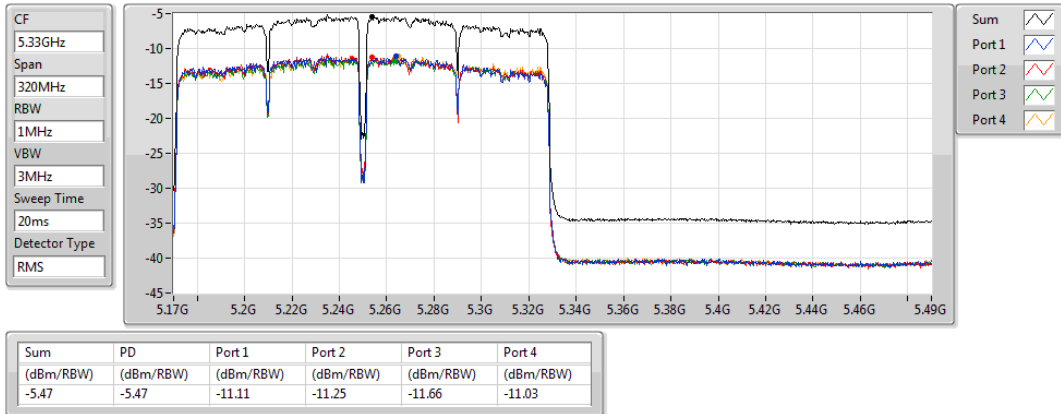


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz

PSD

04/11/2019

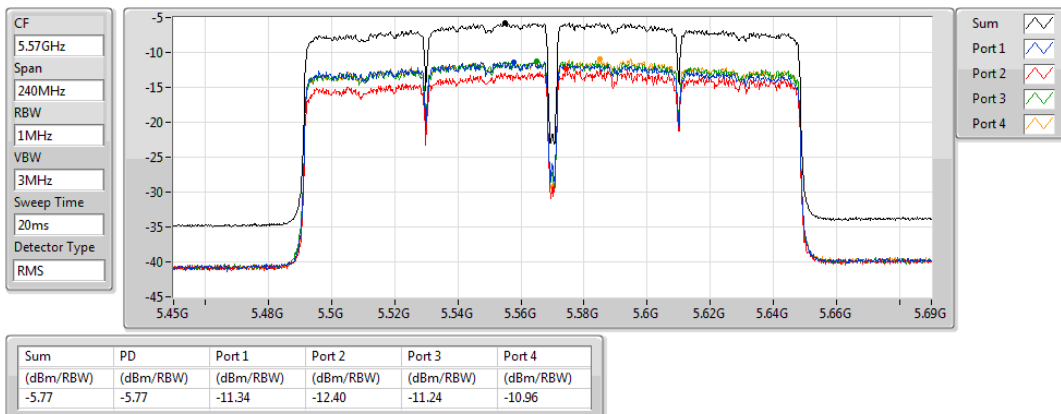


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

5570MHz

PSD

04/11/2019

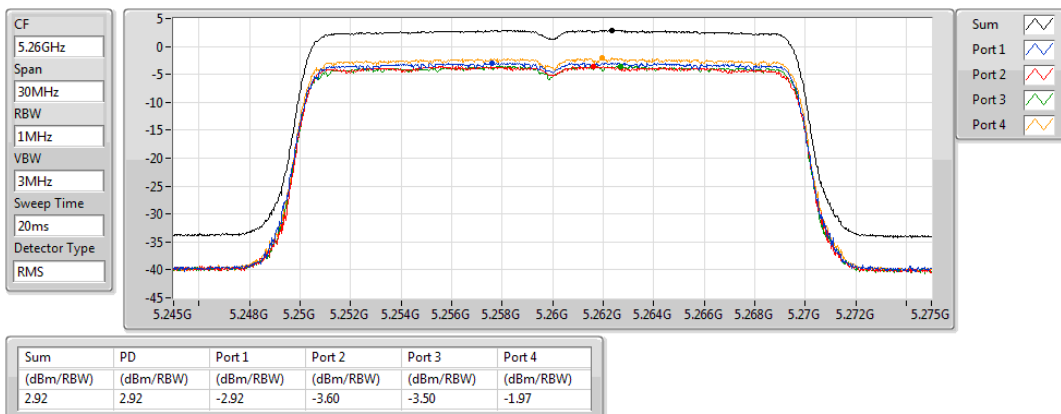


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz

PSD

04/11/2019

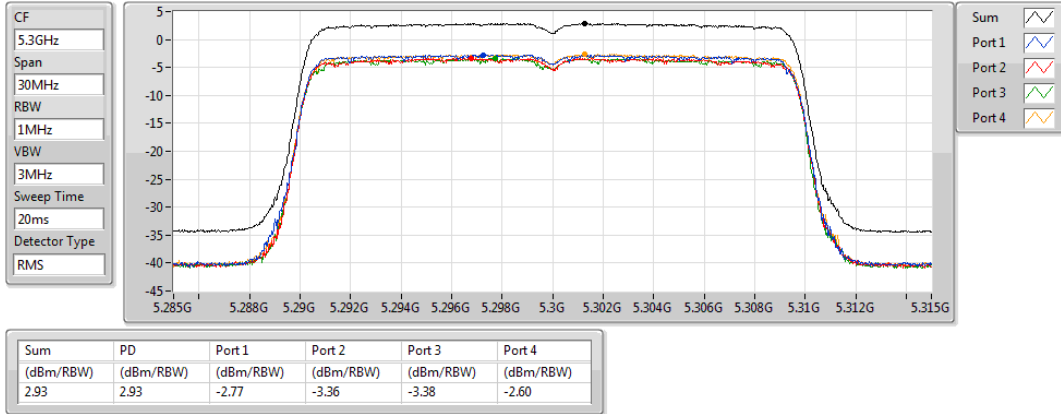


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

04/11/2019

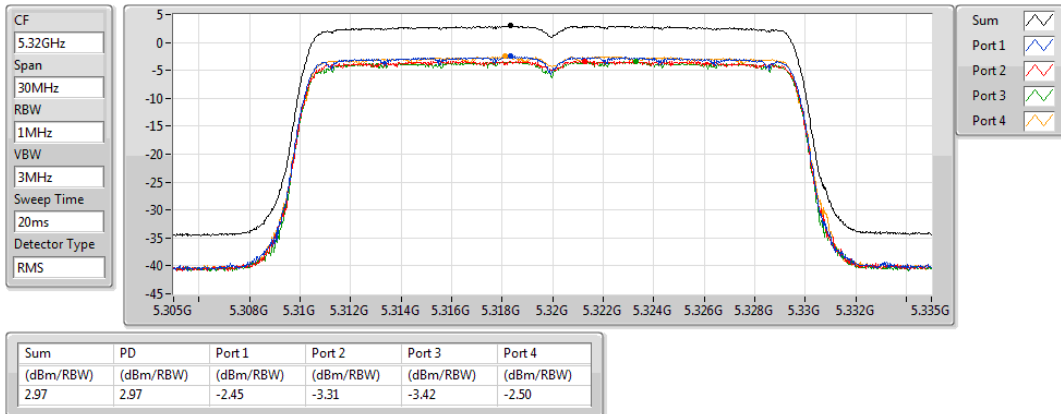


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

04/11/2019

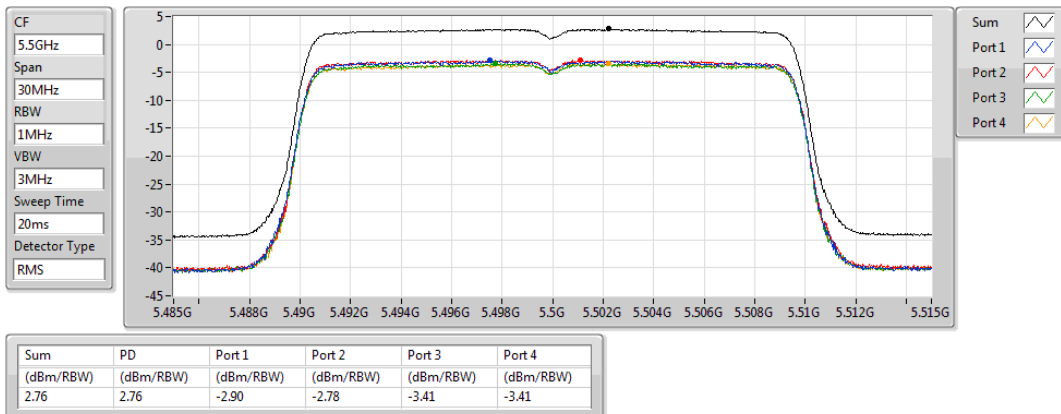


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

04/11/2019

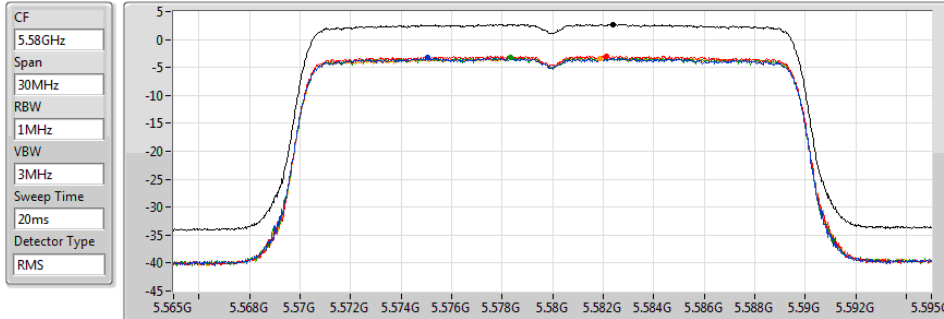


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

04/11/2019



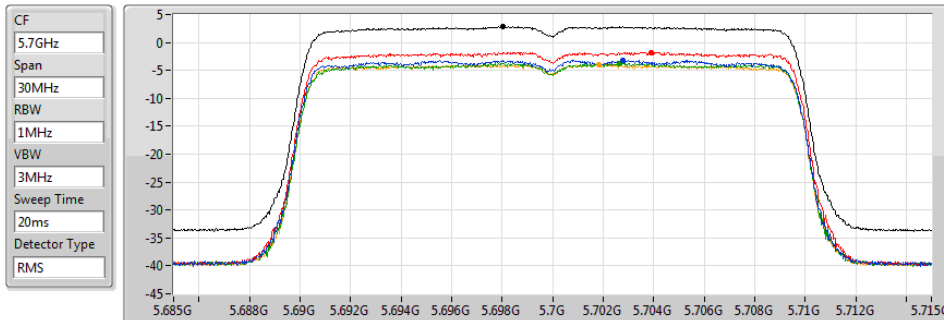
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.70	2.70	-3.28	-2.97	-3.16	-3.36

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

04/11/2019



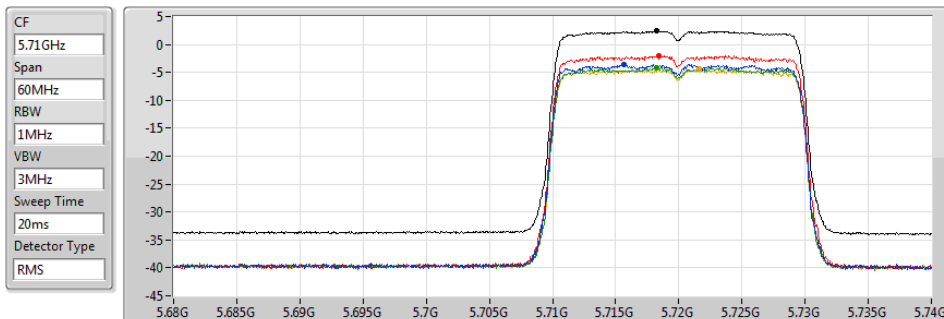
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.82	2.82	-3.20	-1.74	-3.72	-3.95

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

04/11/2019



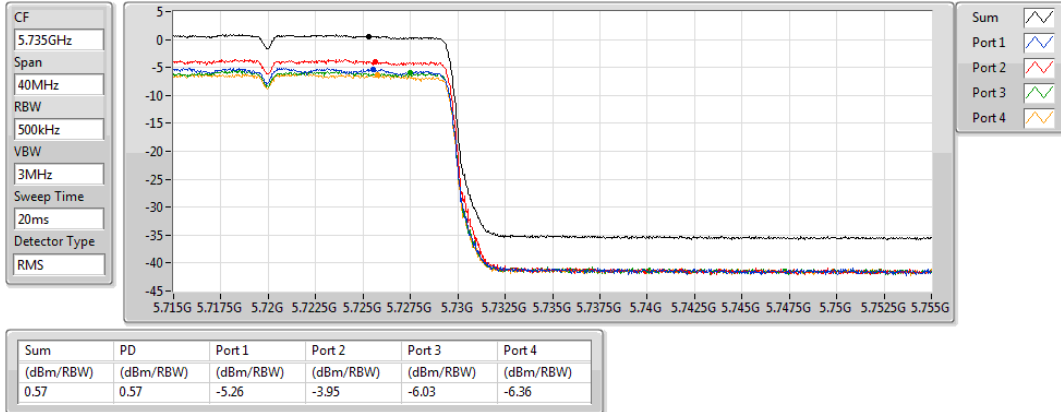
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.42	2.42	-3.60	-2.02	-4.14	-4.36

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

04/11/2019

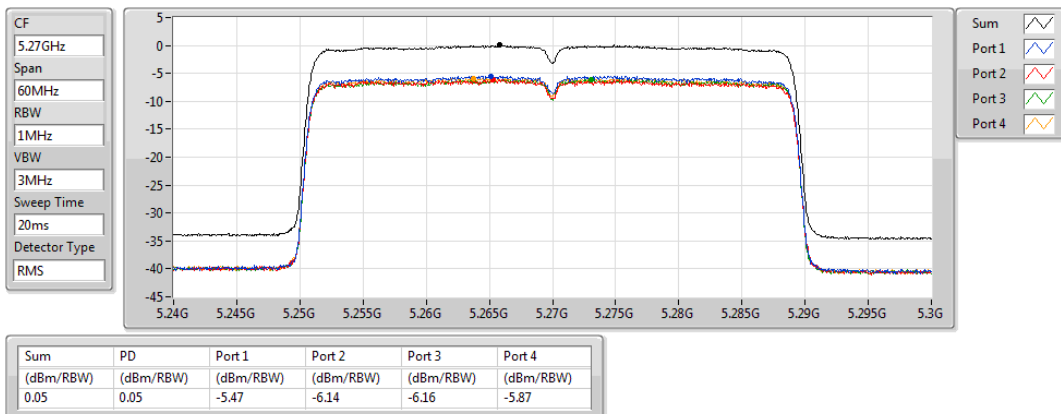


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

04/11/2019

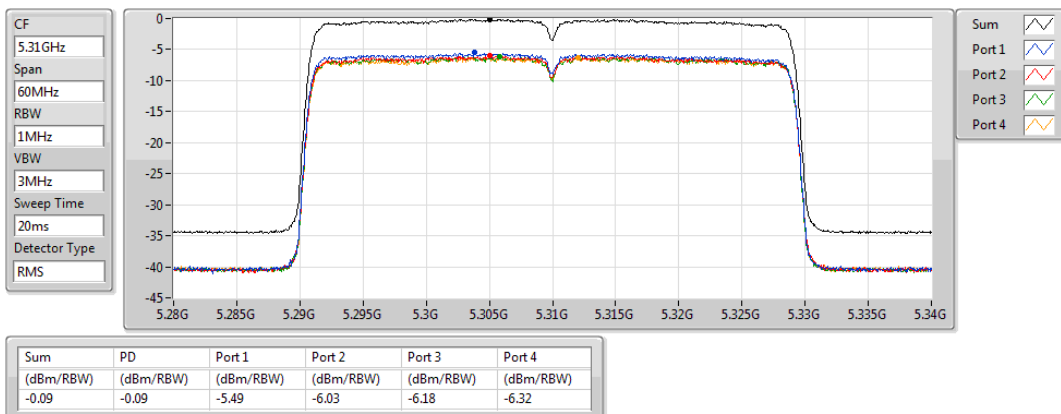


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

04/11/2019



802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

04/11/2019

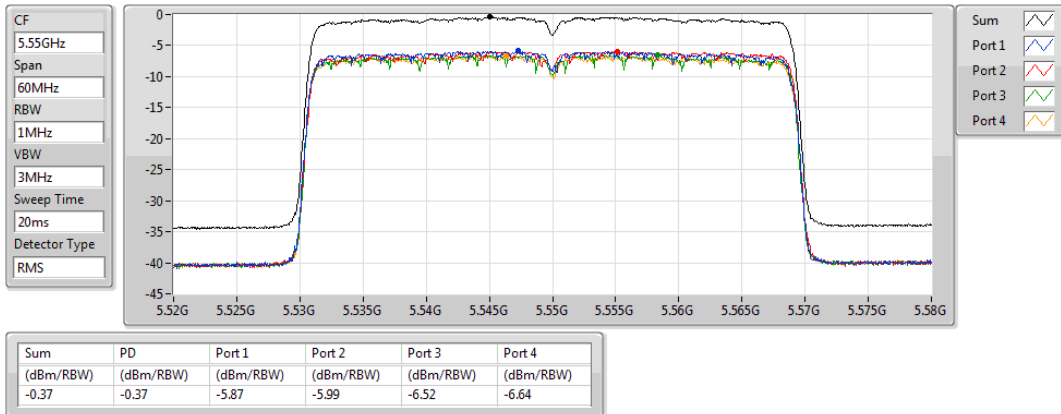


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

04/11/2019

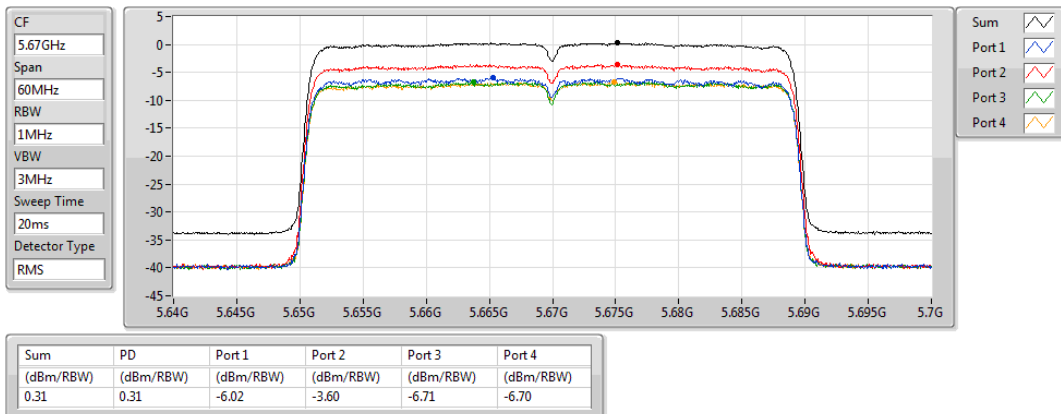


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

04/11/2019

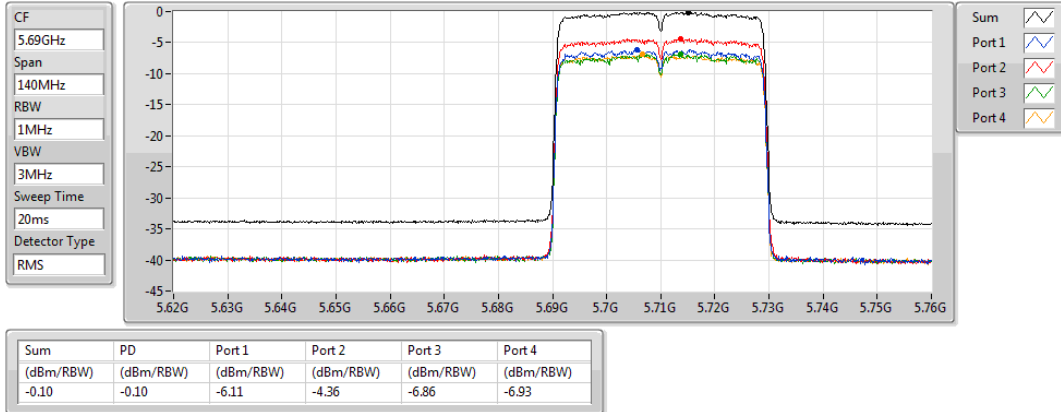


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

04/11/2019

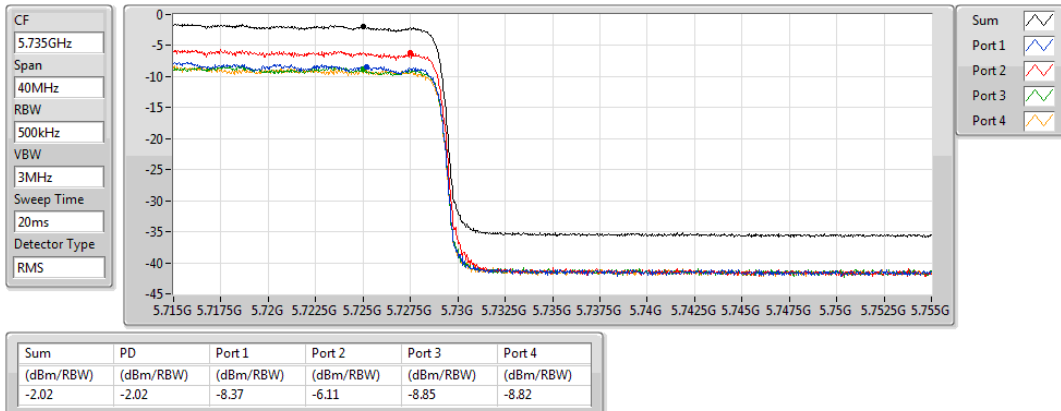


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

04/11/2019

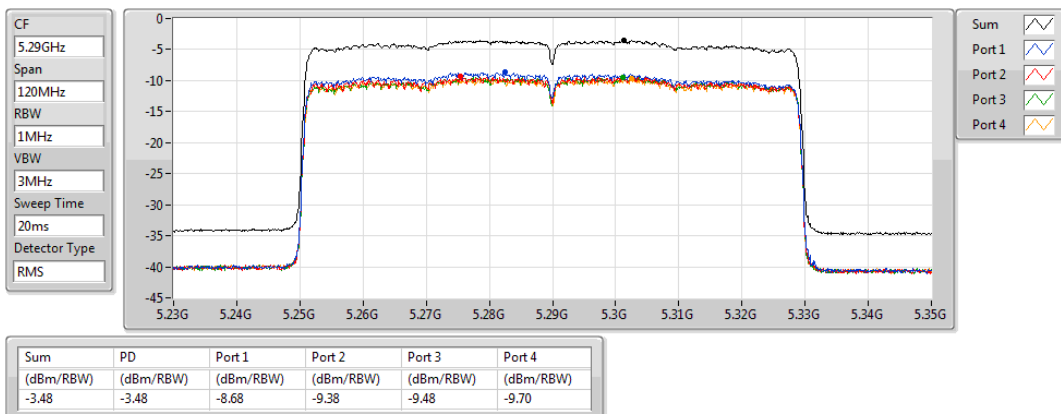


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

04/11/2019

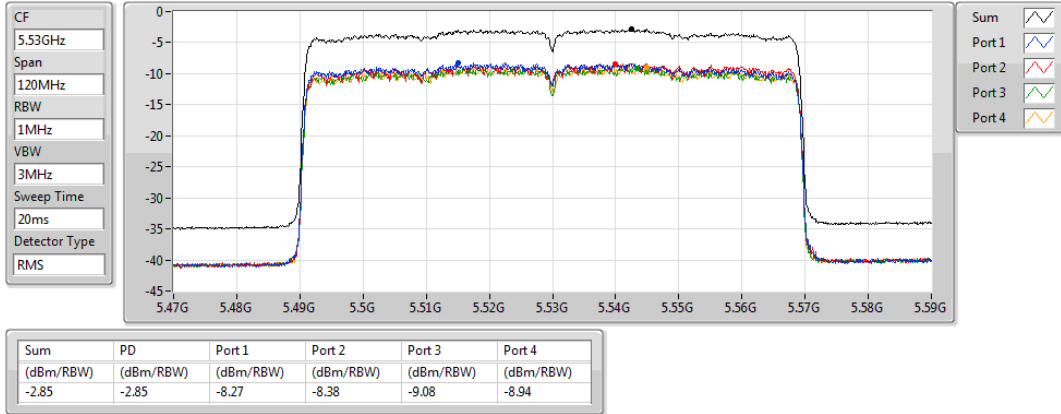


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

04/11/2019

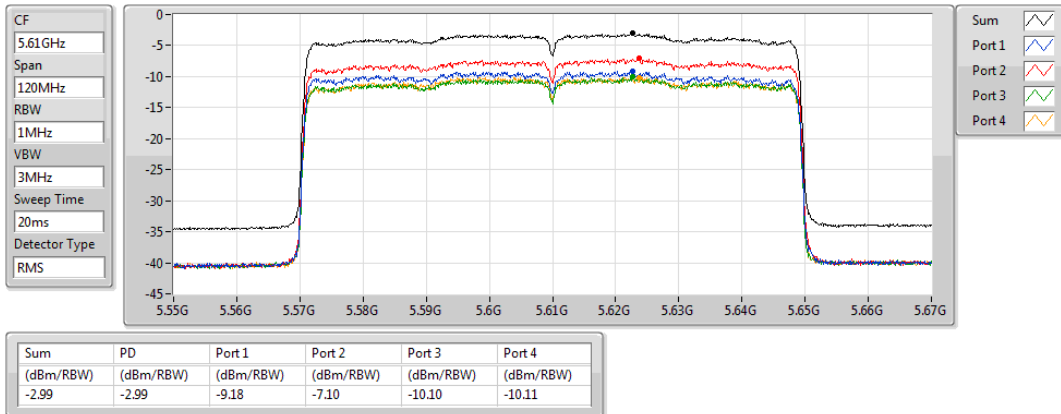


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

04/11/2019

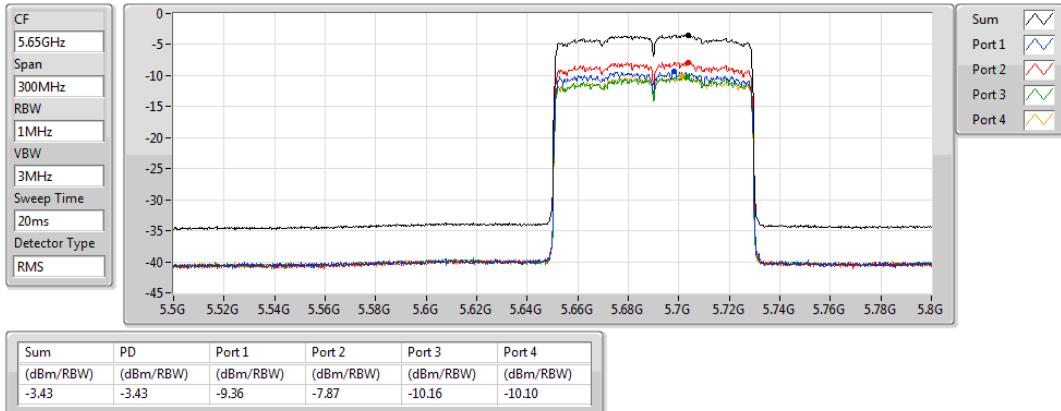


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

04/11/2019

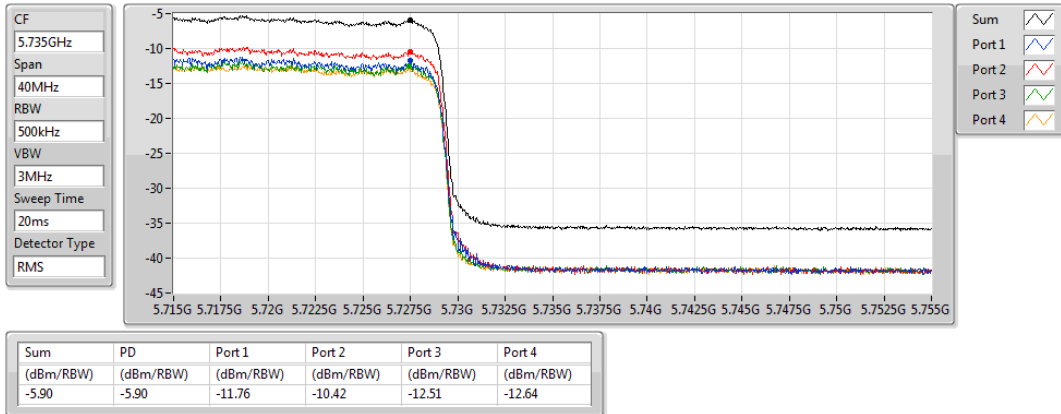


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

04/11/2019

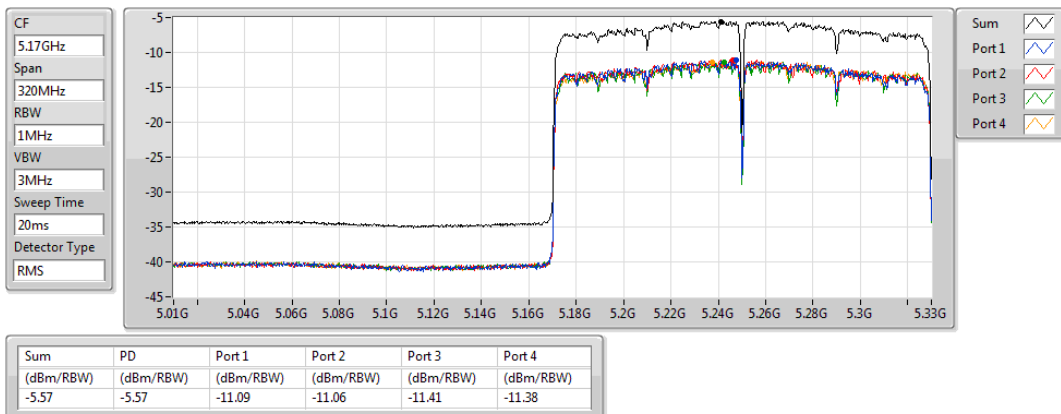


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

04/11/2019

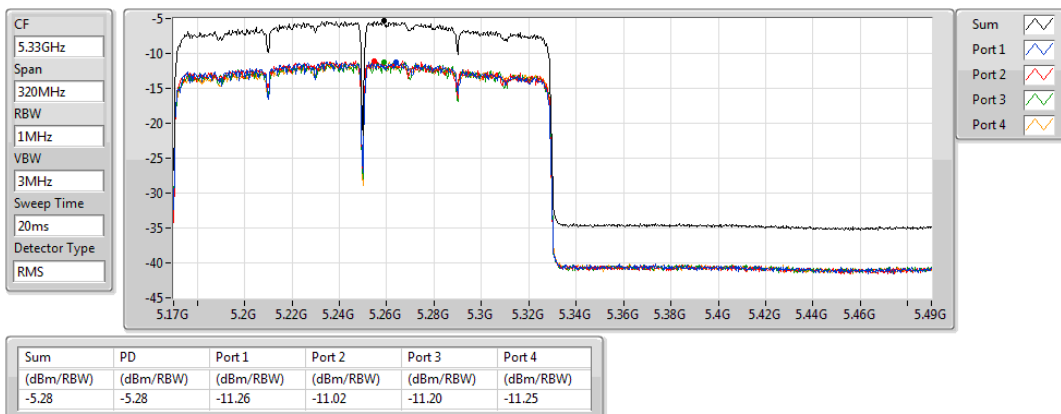


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

04/11/2019

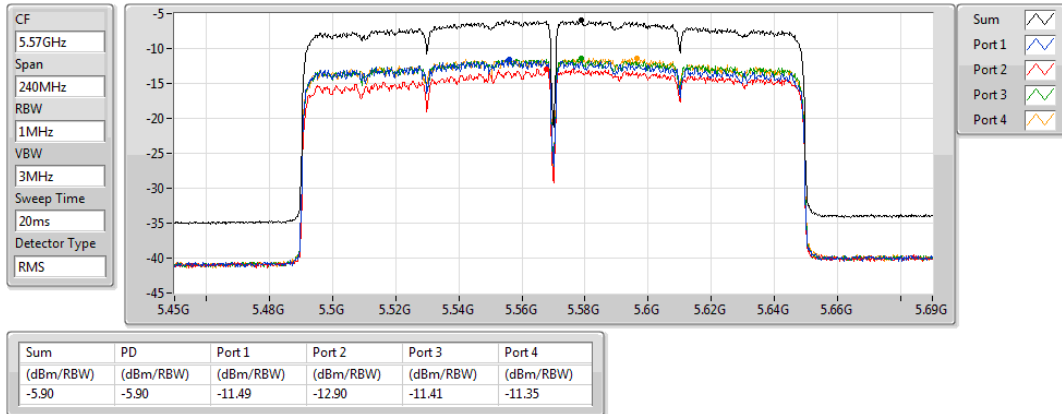


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz

04/11/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss4,(MCS0)_4TX	-4.51
802.11ax HEW160_Nss4,(MCS0)_4TX	-3.86
5.25-5.35GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	8.17
802.11ac VHT40_Nss4,(MCS0)_4TX	5.71
802.11ac VHT80_Nss4,(MCS0)_4TX	-1.36
802.11ac VHT160_Nss4,(MCS0)_4TX	-4.52
802.11ax HEW20_Nss4,(MCS0)_4TX	8.77
802.11ax HEW40_Nss4,(MCS0)_4TX	5.92
802.11ax HEW80_Nss4,(MCS0)_4TX	-0.31
802.11ax HEW160_Nss4,(MCS0)_4TX	-3.92
5.47-5.725GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	8.10
802.11ac VHT40_Nss4,(MCS0)_4TX	5.61
802.11ac VHT80_Nss4,(MCS0)_4TX	2.51
802.11ac VHT160_Nss4,(MCS0)_4TX	-5.84
802.11ax HEW20_Nss4,(MCS0)_4TX	8.49
802.11ax HEW40_Nss4,(MCS0)_4TX	6.20
802.11ax HEW80_Nss4,(MCS0)_4TX	3.51
802.11ax HEW160_Nss4,(MCS0)_4TX	-5.03
5.725-5.85GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	6.15
802.11ac VHT40_Nss4,(MCS0)_4TX	3.52
802.11ac VHT80_Nss4,(MCS0)_4TX	0.08
802.11ax HEW20_Nss4,(MCS0)_4TX	6.72
802.11ax HEW40_Nss4,(MCS0)_4TX	4.25
802.11ax HEW80_Nss4,(MCS0)_4TX	0.82

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)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	1.78	2.07	2.17	2.95	8.17	9.00
5300MHz	Pass	8.00	1.92	2.09	2.16	2.31	8.01	9.00
5320MHz	Pass	8.00	1.73	1.91	2.03	1.93	7.78	9.00
5500MHz	Pass	8.00	0.54	1.04	0.82	0.89	6.66	9.00
5580MHz	Pass	8.00	1.37	2.32	2.31	2.65	8.10	9.00
5700MHz	Pass	8.00	0.23	0.96	0.75	0.77	6.54	9.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	1.77	1.77	2.02	2.09	7.81	9.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	0.02	0.13	0.22	0.61	6.15	28.00
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	-0.58	-0.37	-0.33	0.40	5.71	9.00
5310MHz	Pass	8.00	-3.81	-3.27	-3.25	-3.26	2.48	9.00
5510MHz	Pass	8.00	-3.10	-2.83	-2.81	-2.89	2.95	9.00
5550MHz	Pass	8.00	-0.82	-0.36	-0.50	-0.46	5.36	9.00
5670MHz	Pass	8.00	-1.62	-1.15	-1.50	-0.82	4.55	9.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	-0.65	-0.33	-0.24	0.17	5.61	9.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	-2.74	-2.47	-2.34	-1.99	3.52	28.00
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	-7.38	-7.15	-7.22	-7.05	-1.36	9.00
5530MHz	Pass	8.00	-6.80	-6.35	-6.48	-6.40	-0.67	9.00
5610MHz	Pass	8.00	-3.84	-2.74	-3.60	-3.17	2.51	9.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	-4.22	-3.75	-3.64	-3.17	2.27	9.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-6.72	-5.74	-5.30	-5.38	0.08	28.00
802.11ac VHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	-10.75	-10.57	-10.00	-10.27	-4.51	15.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	-10.74	-10.58	-10.06	-10.52	-4.52	9.00
5570MHz	Pass	8.00	-11.76	-11.35	-11.62	-11.62	-5.84	9.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	2.31	2.56	2.71	3.67	8.77	9.00
5300MHz	Pass	8.00	2.28	2.63	2.75	2.94	8.61	9.00
5320MHz	Pass	8.00	2.17	2.47	2.63	2.50	8.35	9.00
5500MHz	Pass	8.00	1.16	1.42	1.45	1.51	7.23	9.00
5580MHz	Pass	8.00	1.93	2.85	2.75	2.97	8.49	9.00
5700MHz	Pass	8.00	0.84	1.48	1.33	1.42	7.12	9.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	2.10	2.45	2.36	2.62	8.34	9.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	0.40	0.81	0.78	1.02	6.72	28.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	-0.38	-0.07	-0.03	0.59	5.92	9.00
5310MHz	Pass	8.00	-3.26	-2.79	-2.50	-2.62	3.05	9.00
5510MHz	Pass	8.00	-2.39	-2.07	-2.17	-2.04	3.72	9.00
5550MHz	Pass	8.00	0.04	0.48	0.45	0.30	6.20	9.00
5670MHz	Pass	8.00	-0.87	-0.21	-0.63	-0.10	5.36	9.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	-0.25	-0.02	-0.23	0.42	5.88	9.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	-2.26	-1.73	-1.54	-1.36	4.25	28.00

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 HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	-6.25	-5.84	-6.20	-5.84	-0.31	9.00
5530MHz	Pass	8.00	-5.75	-5.58	-5.59	-5.41	0.32	9.00
5610MHz	Pass	8.00	-2.73	-1.73	-2.75	-2.22	3.51	9.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	-3.29	-2.75	-2.63	-2.43	3.11	9.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-5.78	-5.23	-4.76	-4.76	0.82	28.00
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	-10.26	-9.80	-9.31	-9.75	-3.86	15.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	-10.22	-10.10	-9.26	-9.41	-3.92	9.00
5570MHz	Pass	8.00	-11.31	-10.54	-10.70	-10.70	-5.03	9.00

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

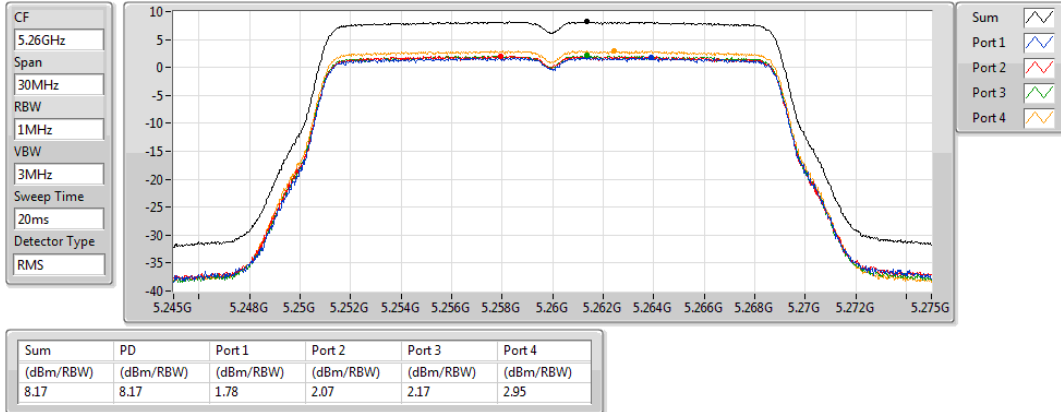
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5260MHz

04/11/2019

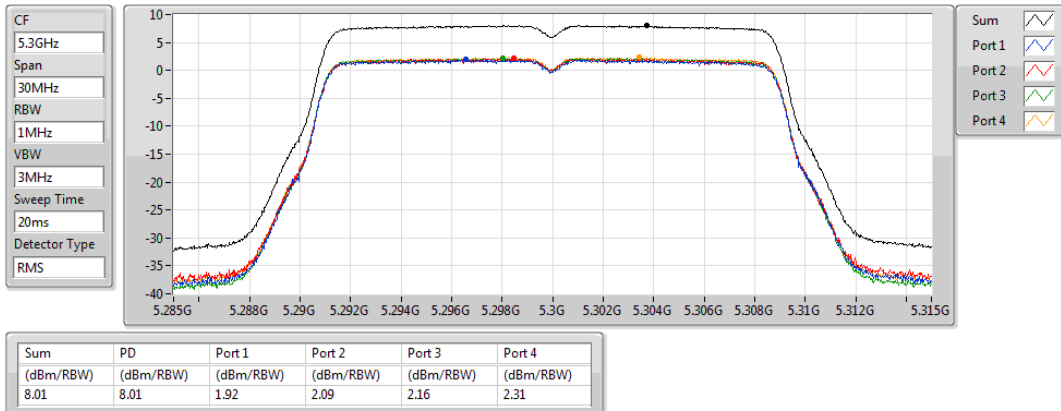


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5300MHz

04/11/2019

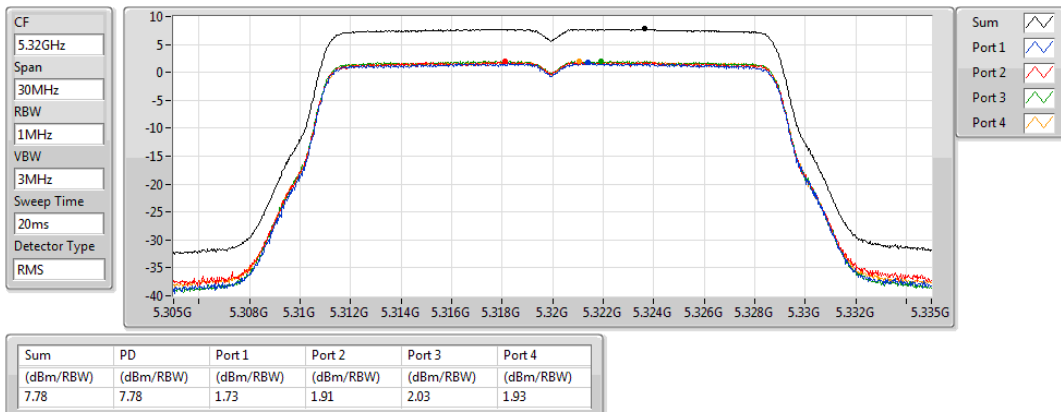


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5320MHz

04/11/2019

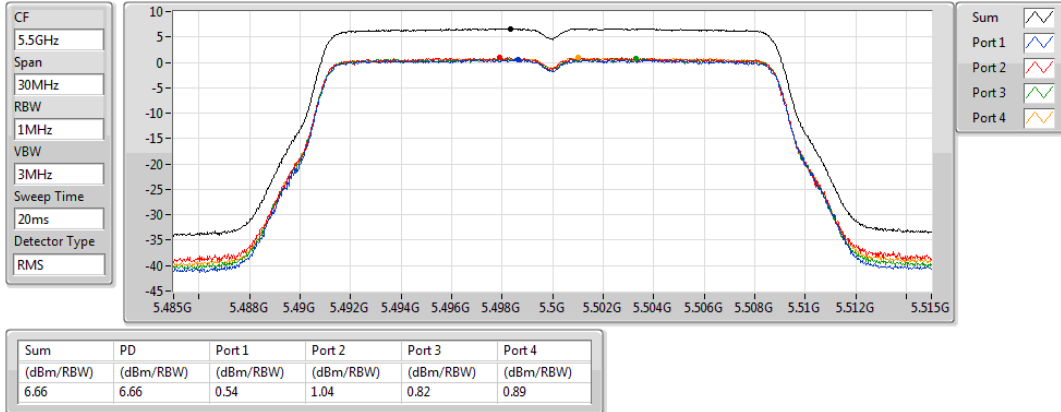


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5500MHz

04/11/2019

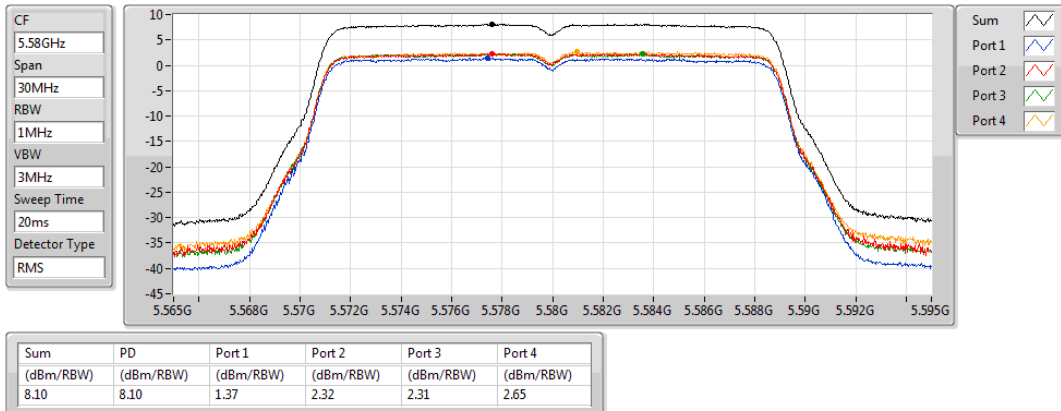


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5580MHz

04/11/2019

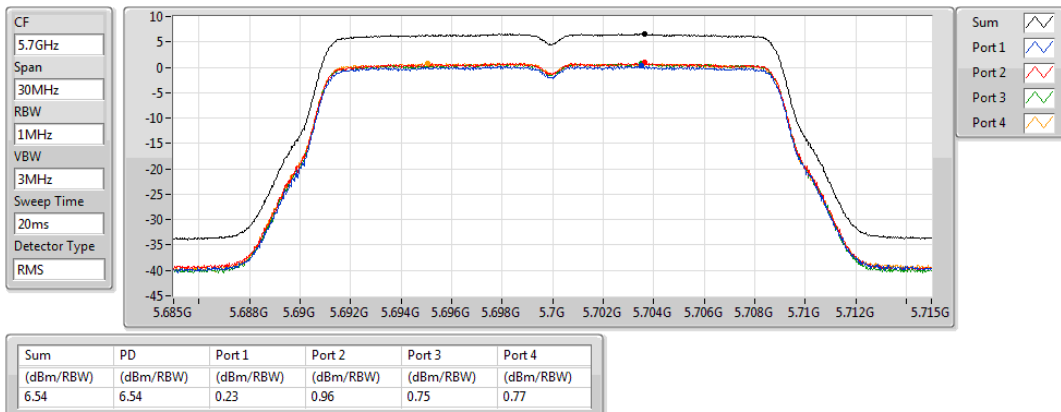


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5700MHz

04/11/2019

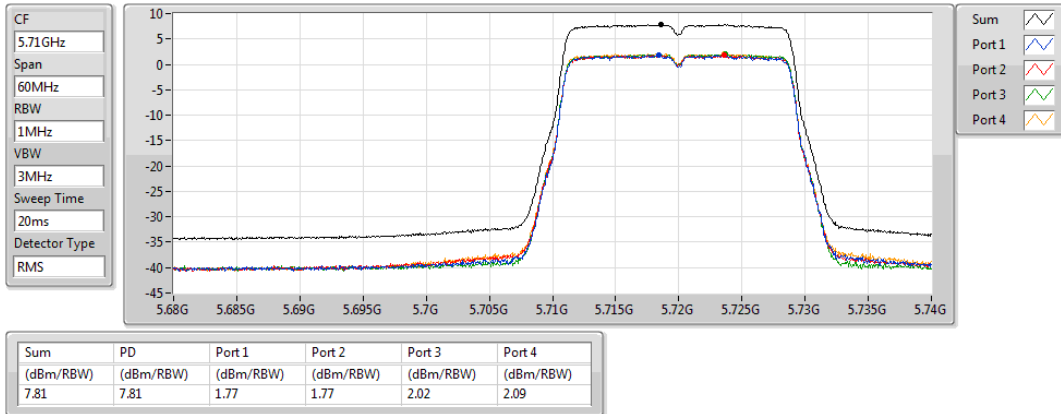


802.11ac VHT20_Nss4,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

04/11/2019

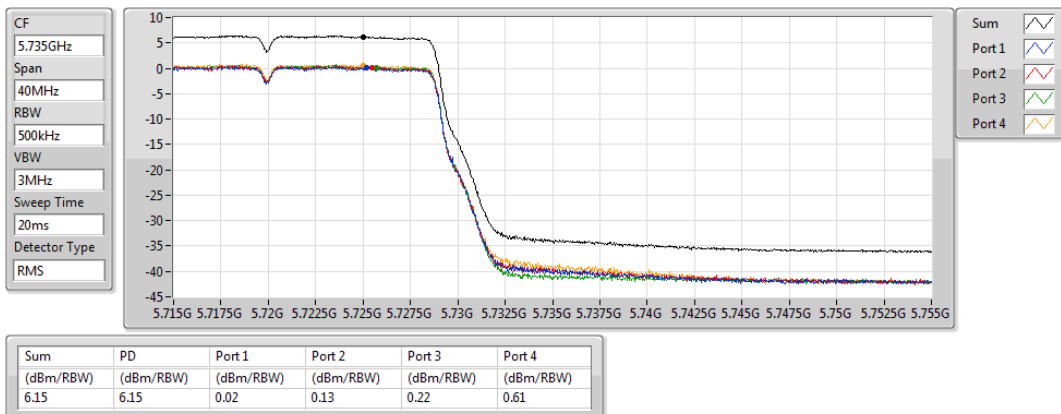


802.11ac VHT20_Nss4,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

04/11/2019

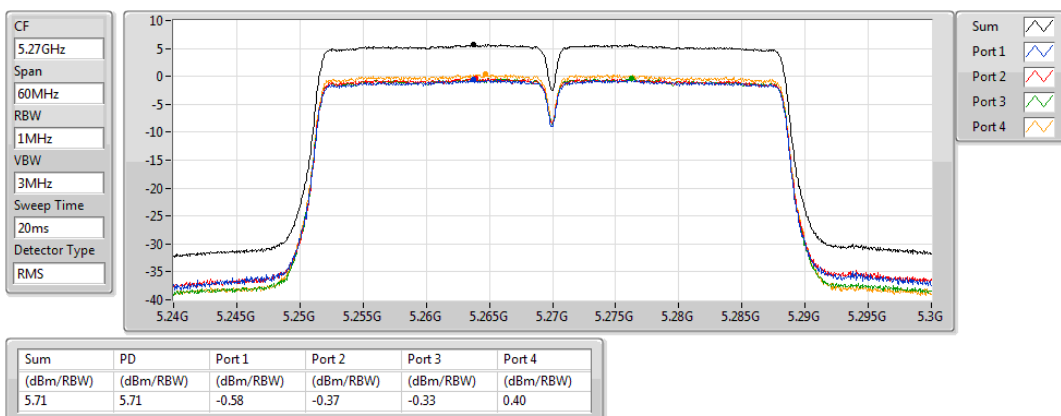


802.11ac VHT40_Nss4,(MCS0)_4TX

5270MHz

PSD

04/11/2019

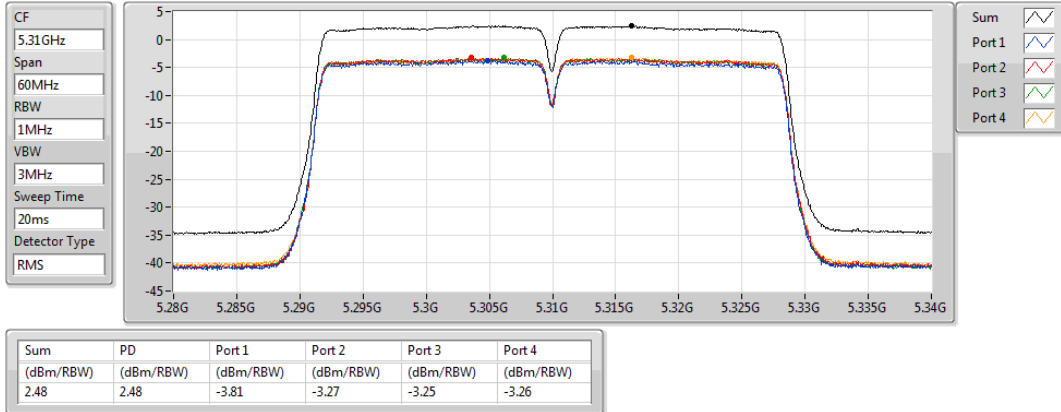


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5310MHz

04/11/2019

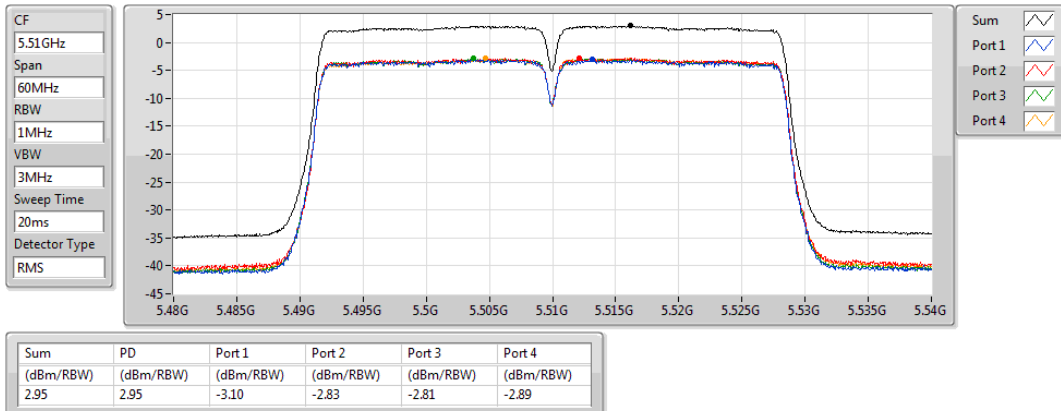


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5510MHz

04/11/2019

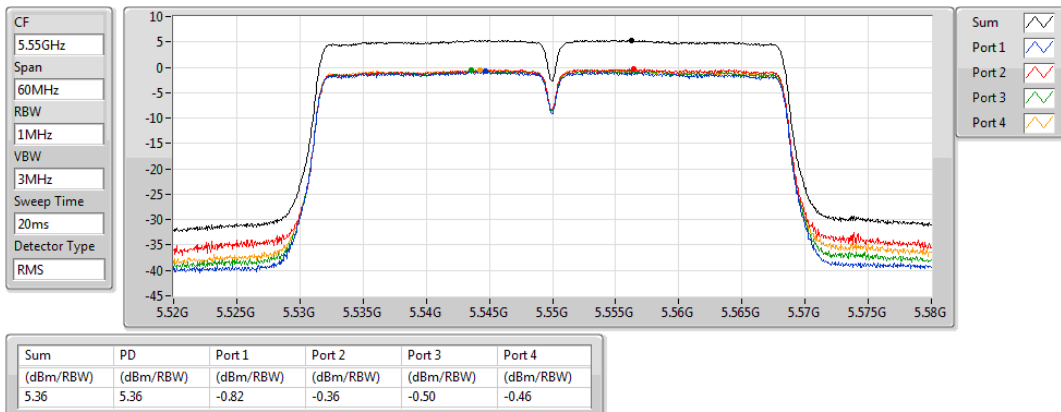


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5550MHz

04/11/2019

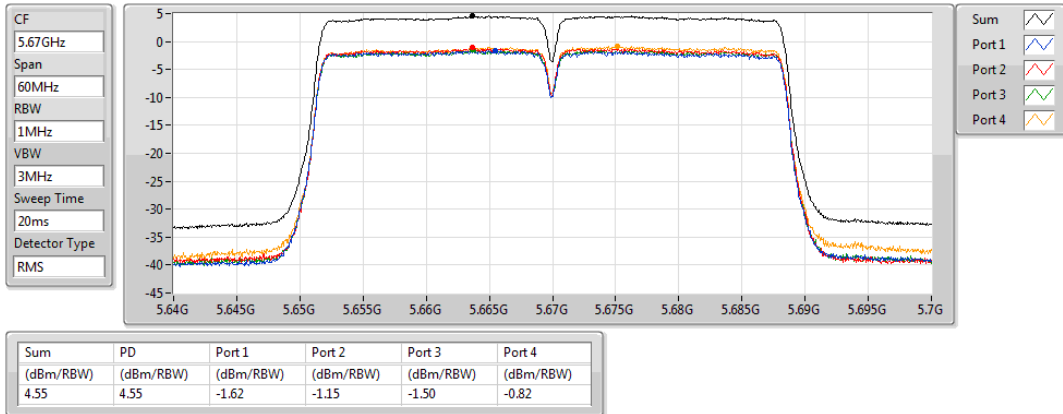


802.11ac VHT40_Nss4,(MCS0)_4TX

5670MHz

PSD

04/11/2019

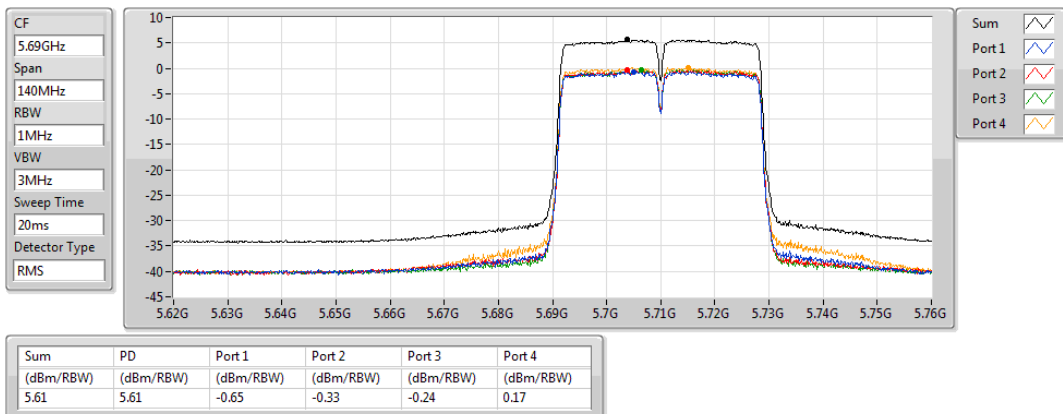


802.11ac VHT40_Nss4,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

PSD

04/11/2019

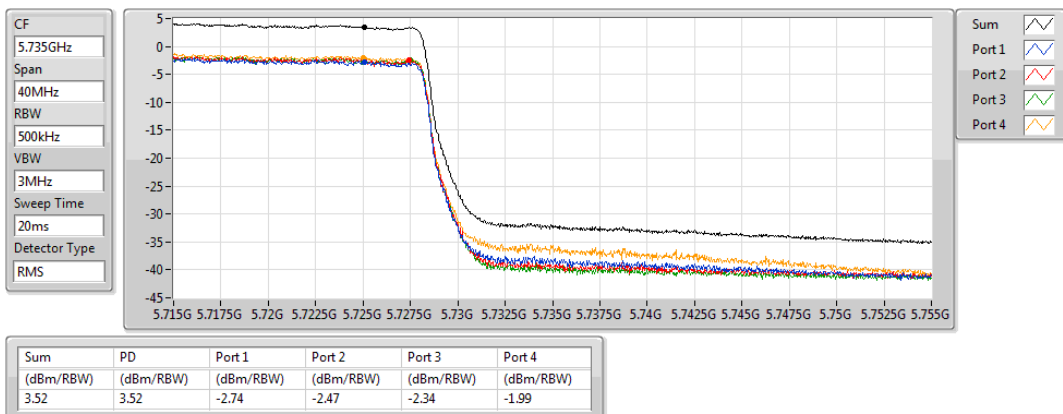


802.11ac VHT40_Nss4,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

04/11/2019

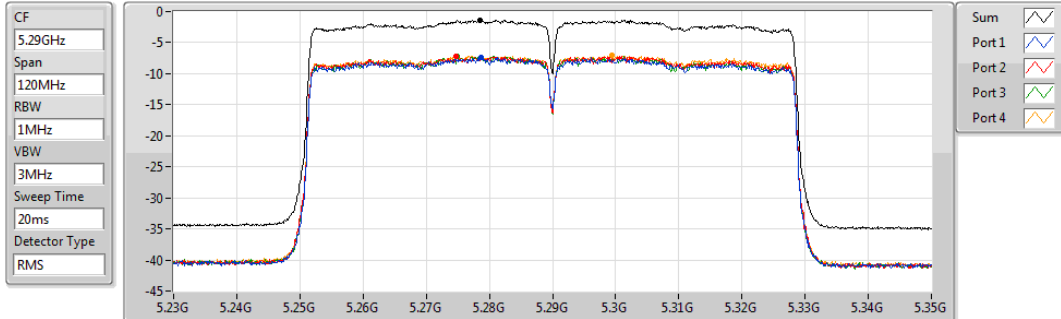


802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5290MHz

04/11/2019



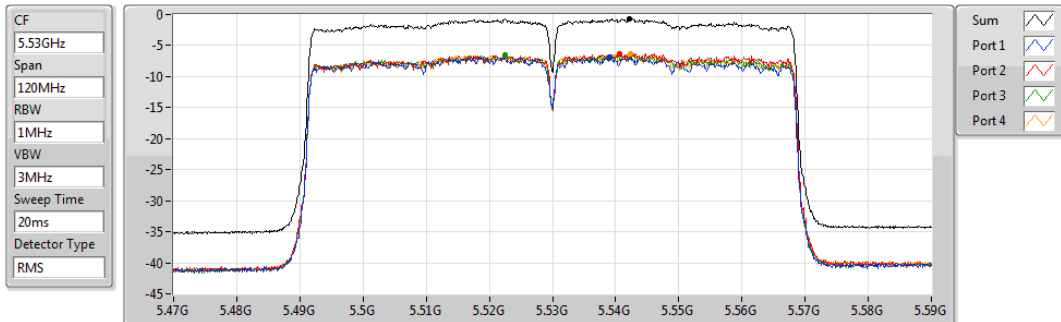
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.36	-1.36	-7.38	-7.15	-7.22	-7.05

802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5530MHz

04/11/2019



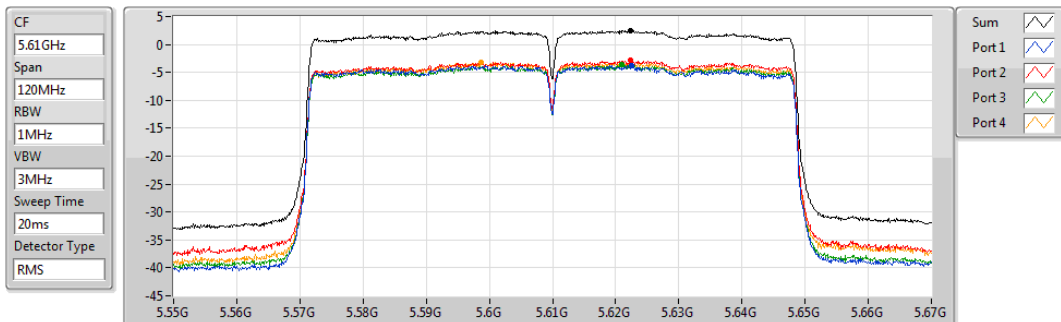
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.67	-0.67	-6.80	-6.35	-6.48	-6.40

802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5610MHz

04/11/2019



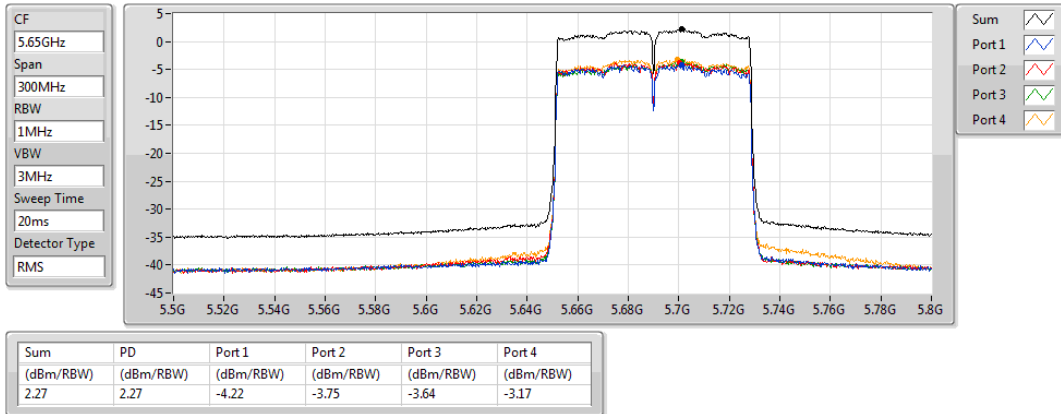
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.51	2.51	-3.84	-2.74	-3.60	-3.17

802.11ac VHT80_Nss4,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz

PSD

04/11/2019

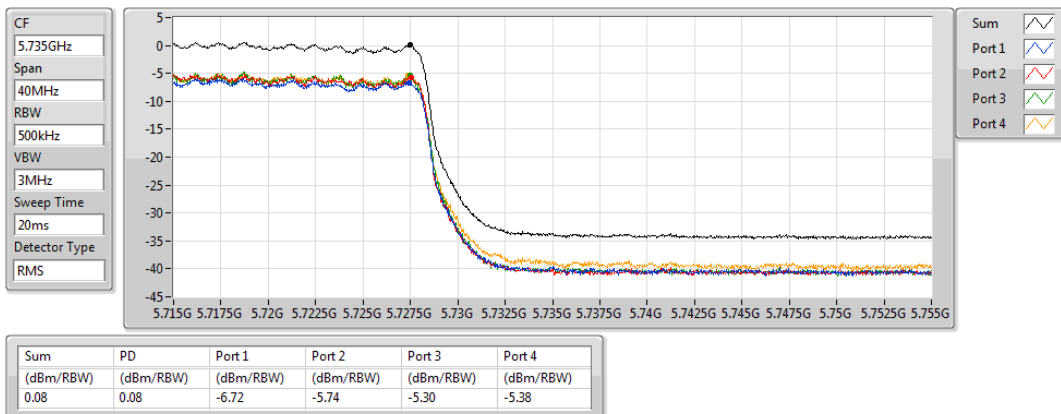


802.11ac VHT80_Nss4,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

PSD

10/11/2019

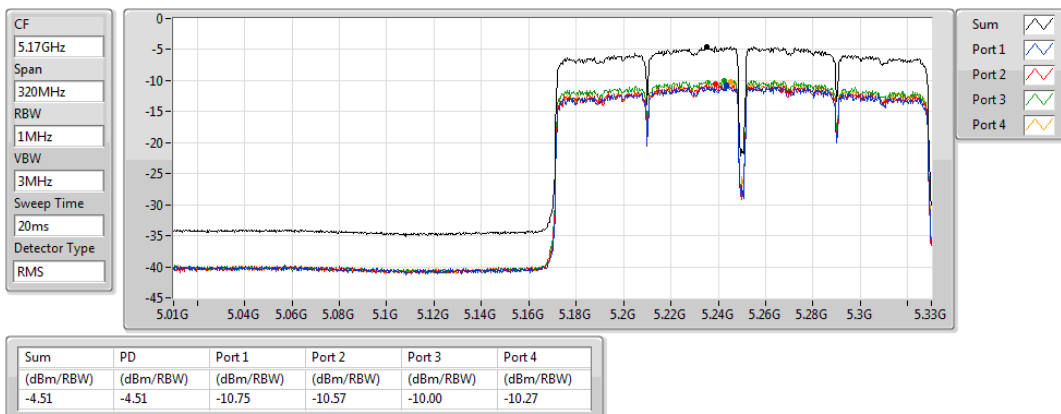


802.11ac VHT160_Nss4,(MCS0)_4TX

5250MHz Straddle 5.15-5.25GHz

PSD

04/11/2019

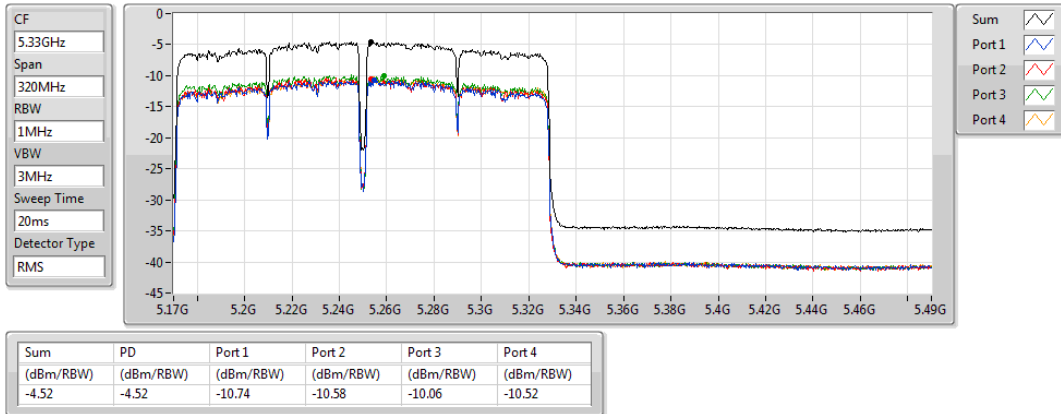


802.11ac VHT160_Nss4,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz

PSD

04/11/2019

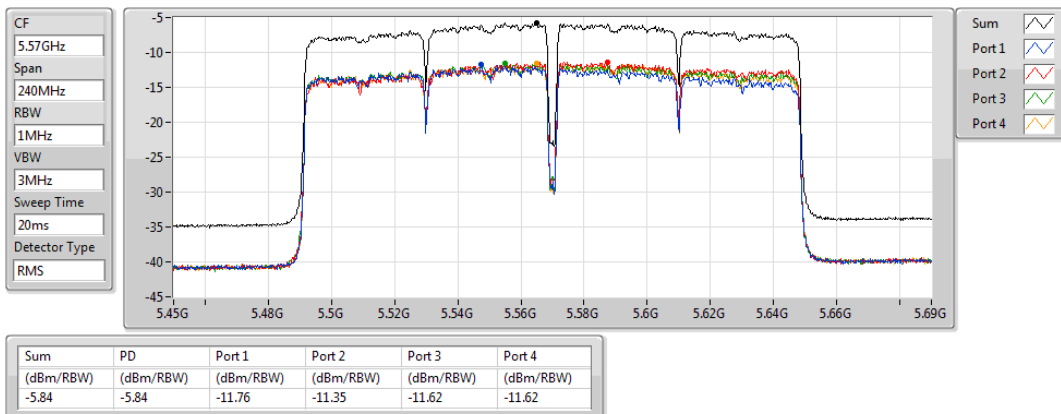


802.11ac VHT160_Nss4,(MCS0)_4TX

5570MHz

PSD

04/11/2019

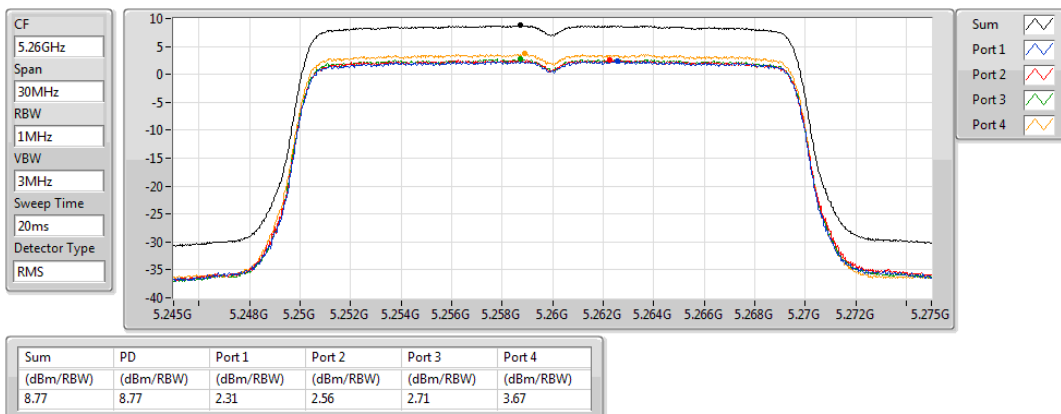


802.11ax HEW20_Nss4,(MCS0)_4TX

5260MHz

PSD

03/11/2019

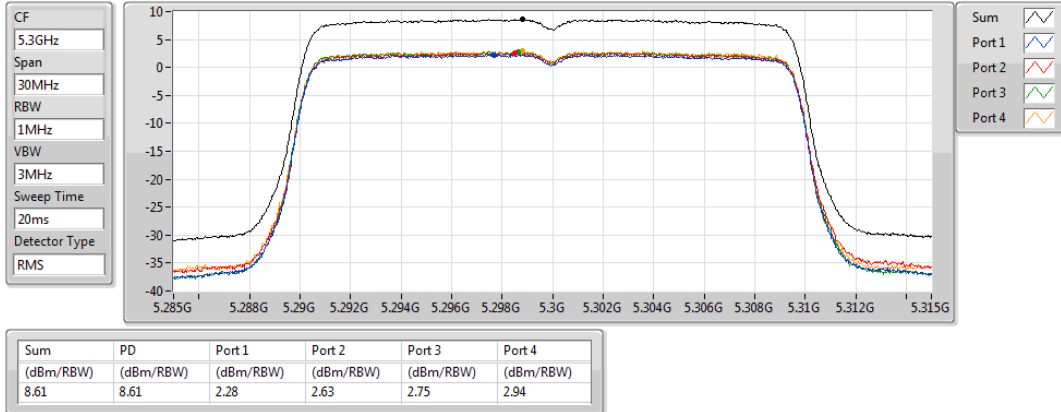


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5300MHz

03/11/2019

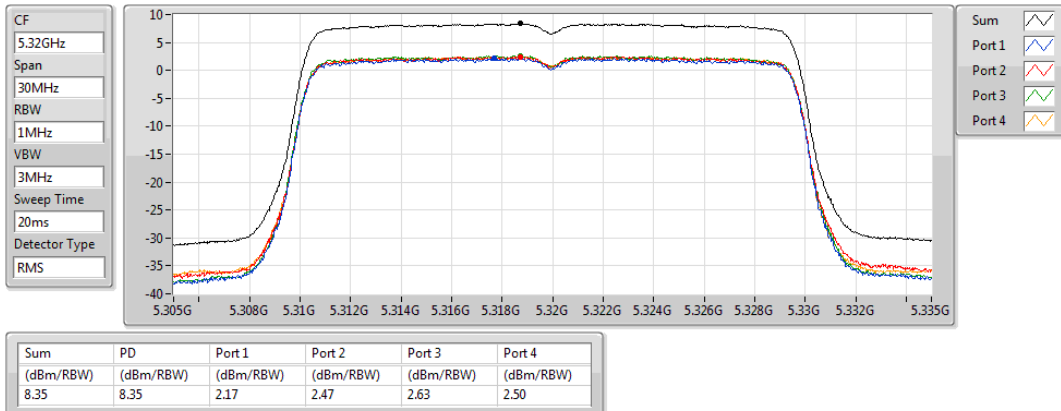


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5320MHz

03/11/2019

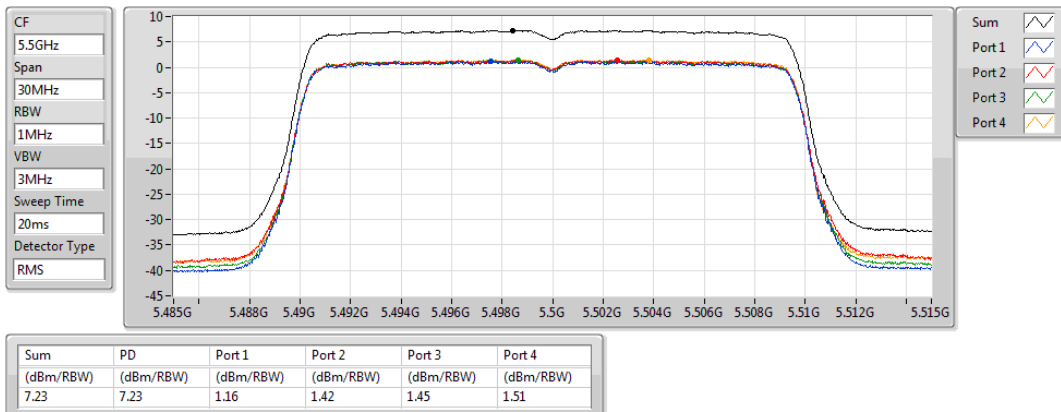


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5500MHz

03/11/2019

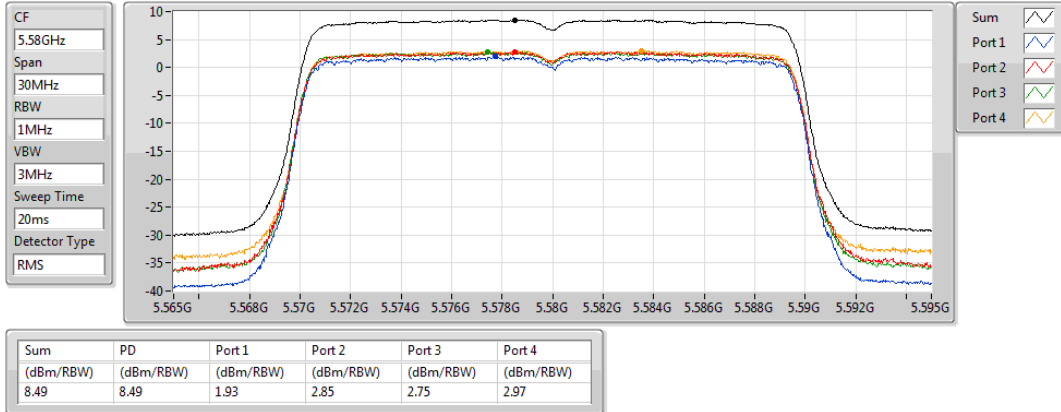


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5580MHz

03/11/2019

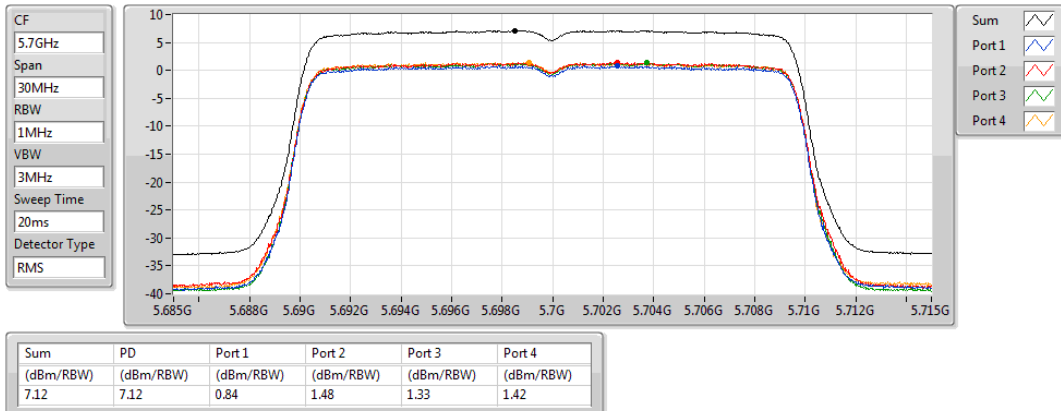


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5700MHz

03/11/2019

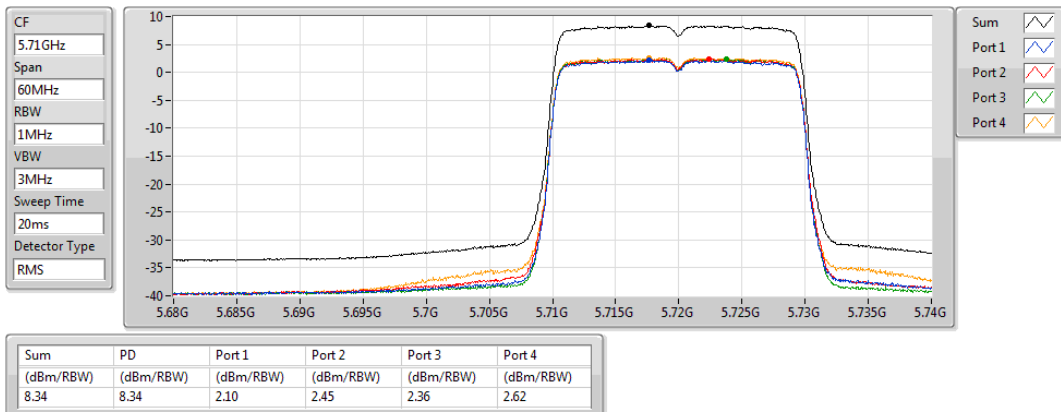


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

03/11/2019

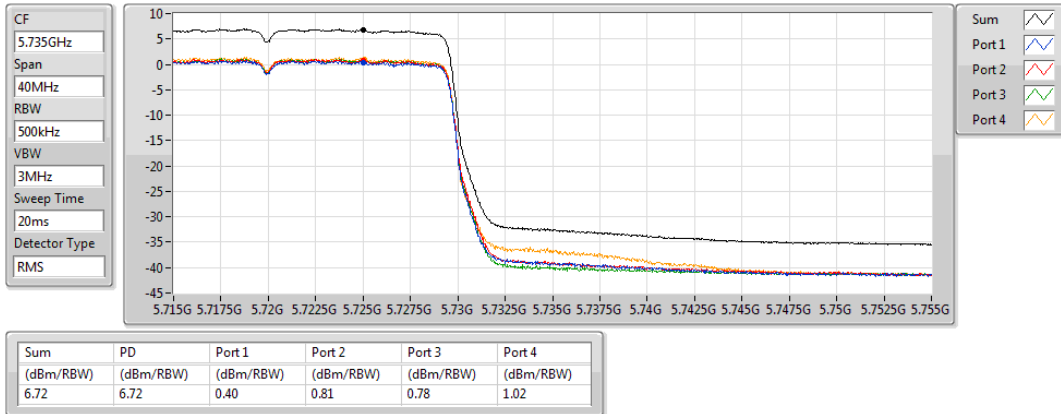


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

03/11/2019

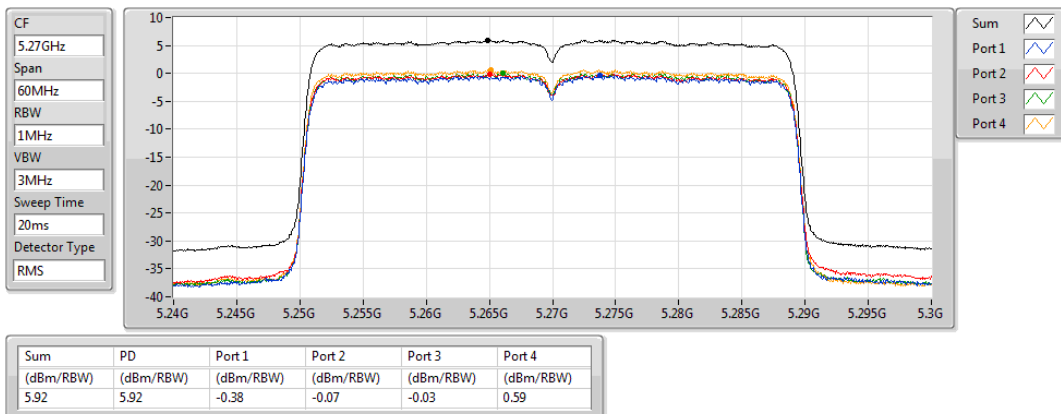


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5270MHz

03/11/2019

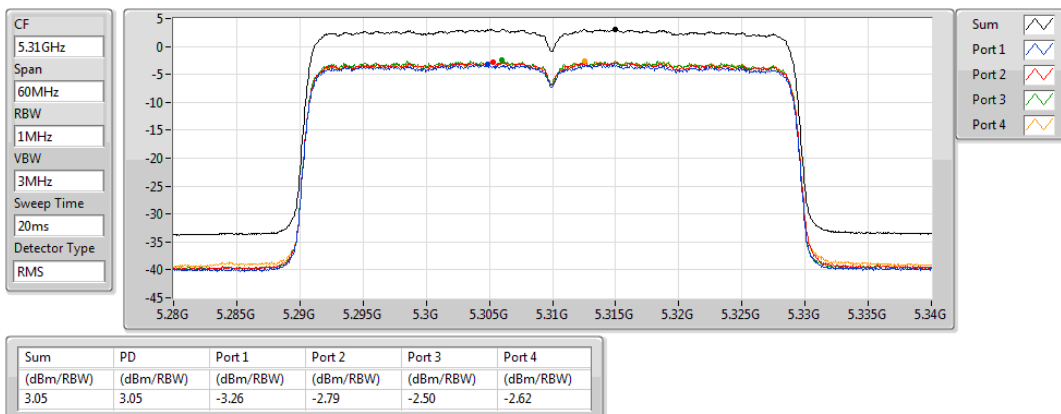


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5310MHz

03/11/2019

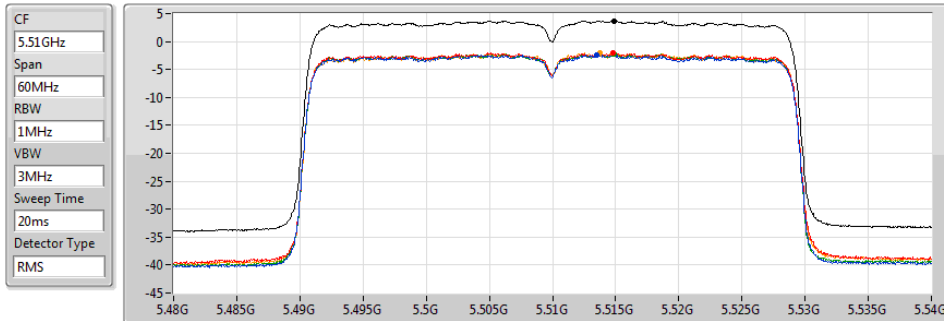


802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5510MHz

03/11/2019



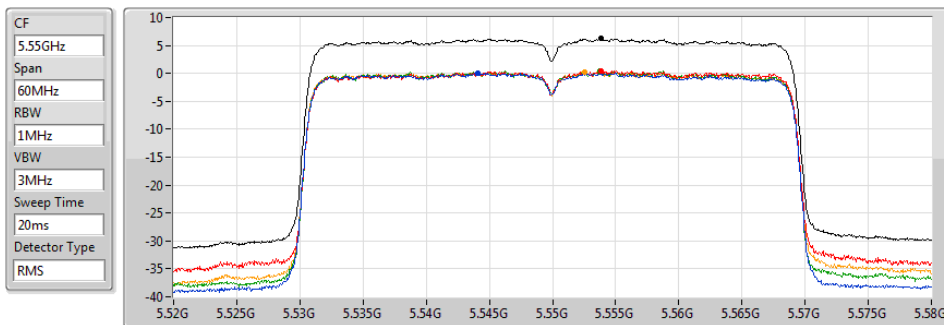
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.72	3.72	-2.39	-2.07	-2.17	-2.04

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5550MHz

03/11/2019



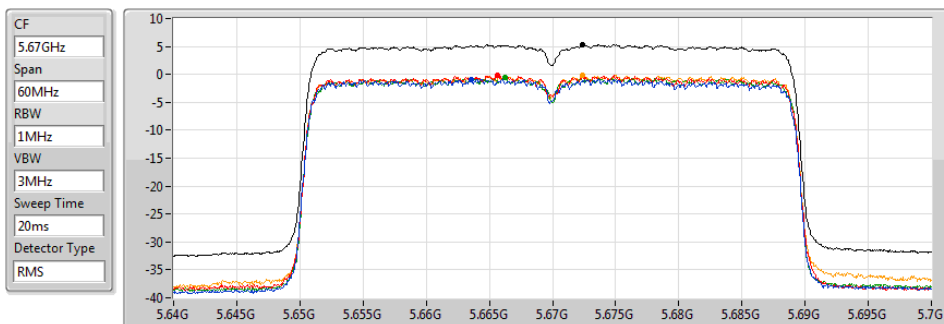
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.20	6.20	0.04	0.48	0.45	0.30

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5670MHz

03/11/2019



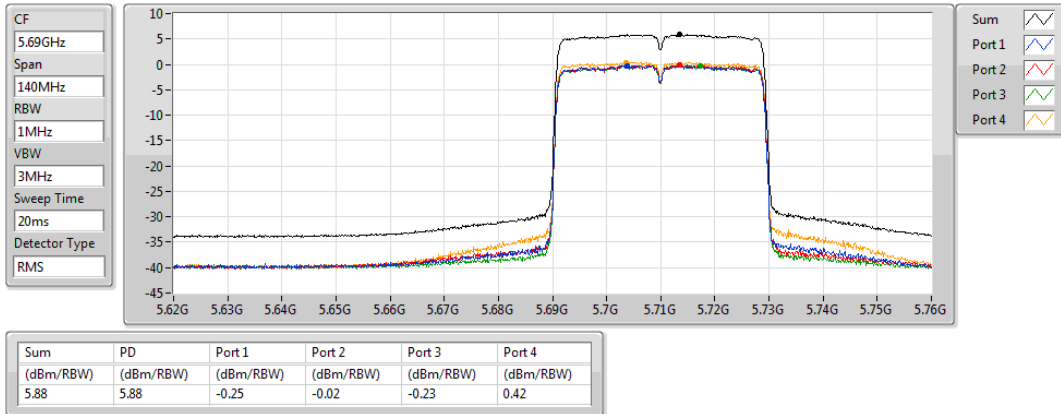
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.36	5.36	-0.87	-0.21	-0.63	-0.10

802.11ax HEW40_Nss4,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

PSD

04/11/2019

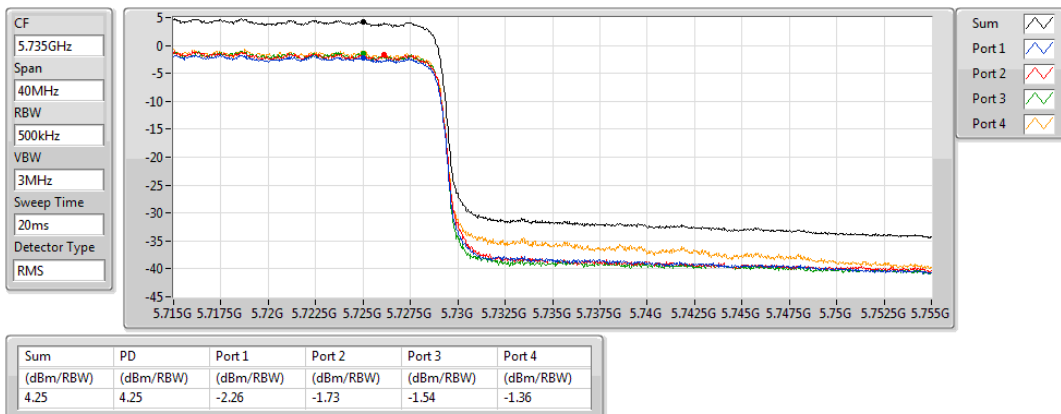


802.11ax HEW40_Nss4,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

03/11/2019

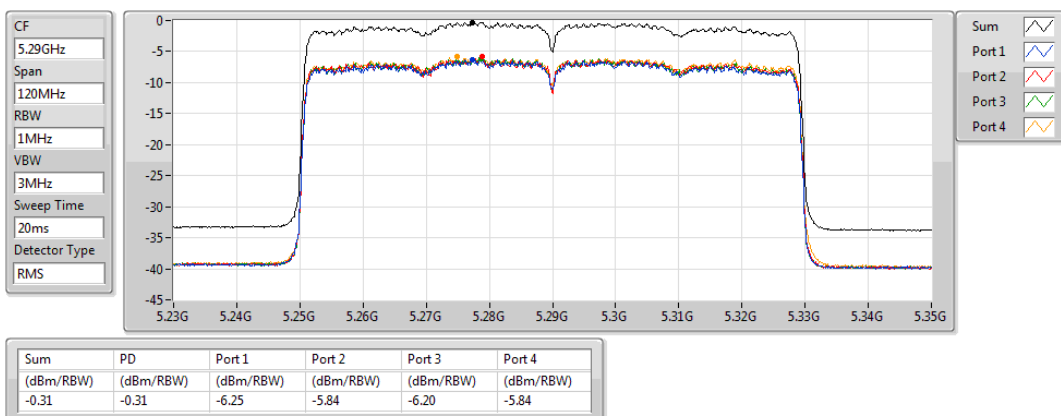


802.11ax HEW80_Nss4,(MCS0)_4TX

5290MHz

PSD

03/11/2019

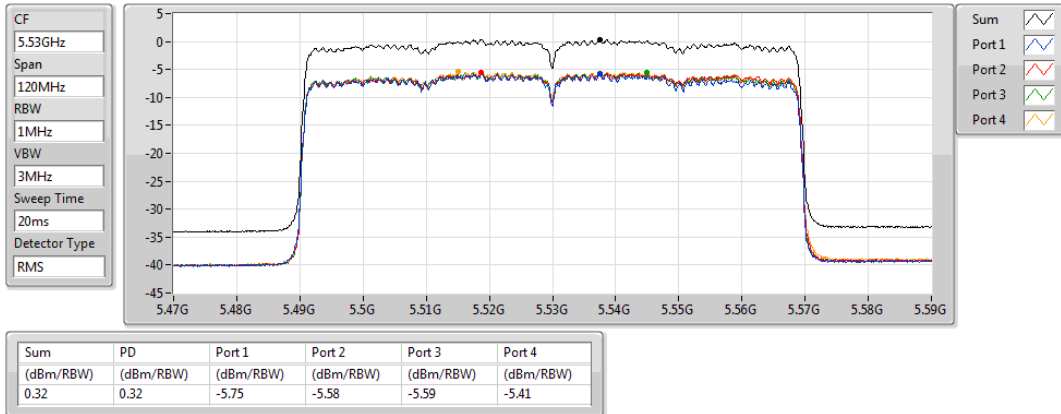


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5530MHz

03/11/2019

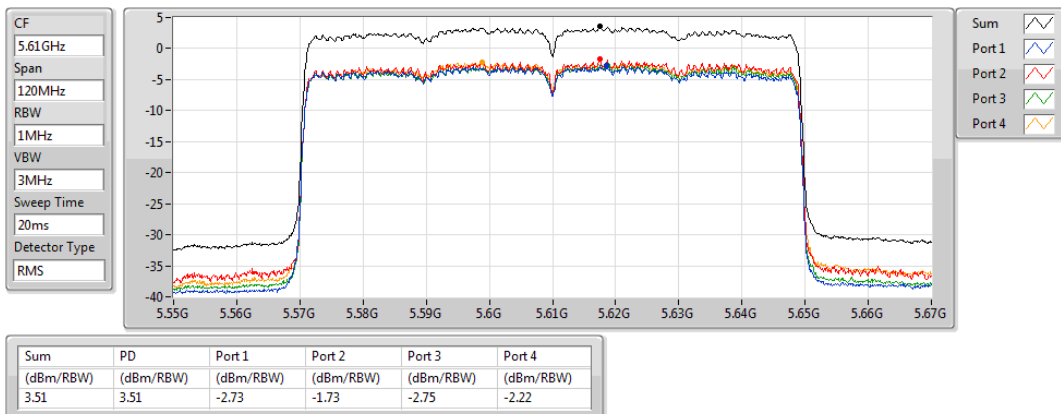


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5610MHz

03/11/2019

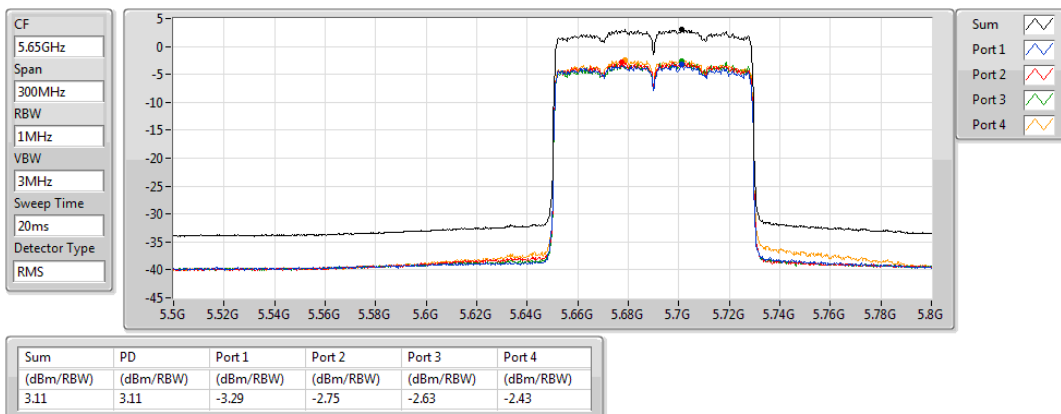


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

03/11/2019

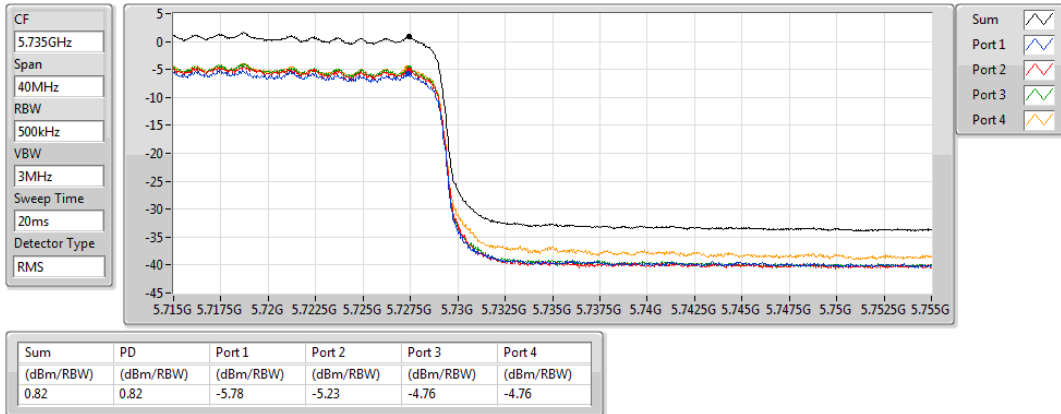


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

03/11/2019

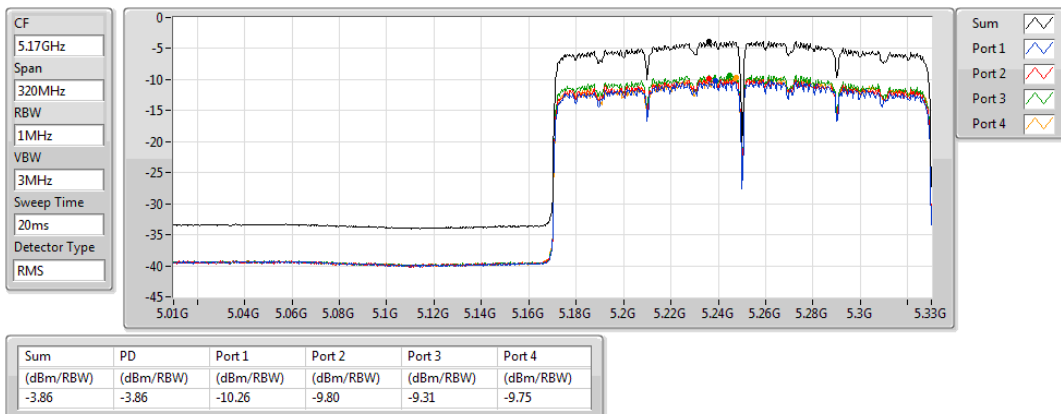


802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

03/11/2019

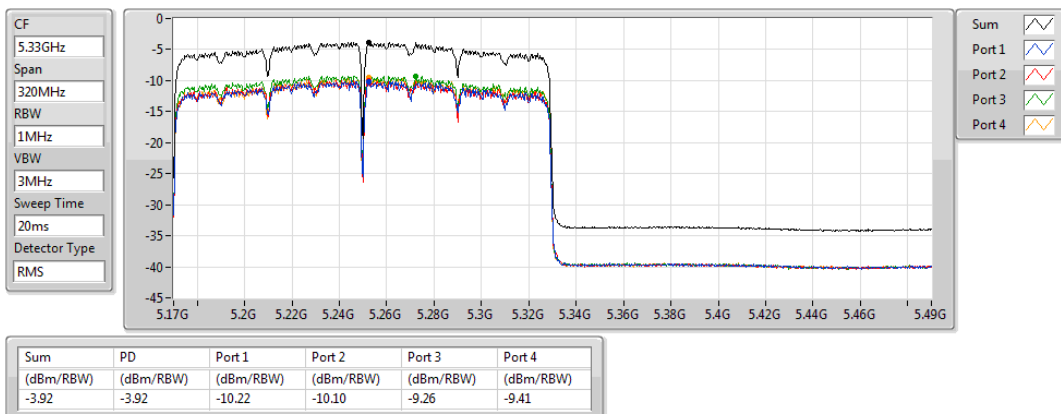


802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

03/11/2019

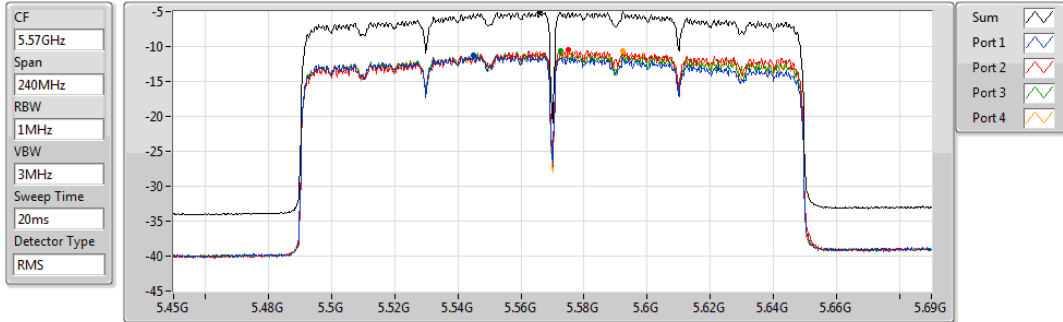


802.11ax HEW160_Nss4,(MCS0)_4TX

5570MHz

PSD

03/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.03	-5.03	-11.31	-10.54	-10.70	-10.70

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss1,(MCS0)_1TX	-6.39
802.11ax HEW160_Nss1,(MCS0)_1TX	-6.60
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.23
802.11ac VHT20_Nss1,(MCS0)_1TX	6.16
802.11ac VHT40_Nss1,(MCS0)_1TX	3.10
802.11ac VHT80_Nss1,(MCS0)_1TX	-3.18
802.11ac VHT160_Nss1,(MCS0)_1TX	-6.50
802.11ax HEW20_Nss1,(MCS0)_1TX	6.04
802.11ax HEW40_Nss1,(MCS0)_1TX	3.31
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.14
802.11ax HEW160_Nss1,(MCS0)_1TX	-6.58
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.22
802.11ac VHT20_Nss1,(MCS0)_1TX	6.22
802.11ac VHT40_Nss1,(MCS0)_1TX	3.18
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.02
802.11ac VHT160_Nss1,(MCS0)_1TX	-10.07
802.11ax HEW20_Nss1,(MCS0)_1TX	6.13
802.11ax HEW40_Nss1,(MCS0)_1TX	3.29
802.11ax HEW80_Nss1,(MCS0)_1TX	0.10
802.11ax HEW160_Nss1,(MCS0)_1TX	-9.91
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	4.35
802.11ac VHT20_Nss1,(MCS0)_1TX	4.46
802.11ac VHT40_Nss1,(MCS0)_1TX	0.65
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.70
802.11ax HEW20_Nss1,(MCS0)_1TX	4.28
802.11ax HEW40_Nss1,(MCS0)_1TX	1.15
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.54

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	10.70	6.22	6.22	6.30
5300MHz	Pass	10.70	6.23	6.23	6.30
5320MHz	Pass	10.70	5.36	5.36	6.30
5500MHz	Pass	10.70	0.68	0.68	6.30
5580MHz	Pass	10.70	6.22	6.22	6.30
5700MHz	Pass	10.70	1.13	1.13	6.30
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	6.17	6.17	6.30
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	4.35	4.35	25.30
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	10.70	6.10	6.10	6.30
5300MHz	Pass	10.70	6.16	6.16	6.30
5320MHz	Pass	10.70	4.28	4.28	6.30
5500MHz	Pass	10.70	1.43	1.43	6.30
5580MHz	Pass	10.70	6.08	6.08	6.30
5700MHz	Pass	10.70	-1.85	-1.85	6.30
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	6.22	6.22	6.30
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	4.46	4.46	25.30
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	10.70	3.10	3.10	6.30
5310MHz	Pass	10.70	-0.48	-0.48	6.30
5510MHz	Pass	10.70	-2.53	-2.53	6.30
5550MHz	Pass	10.70	3.07	3.07	6.30
5670MHz	Pass	10.70	-0.47	-0.47	6.30
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	3.18	3.18	6.30
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	0.65	0.65	25.30
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	10.70	-3.18	-3.18	6.30
5530MHz	Pass	10.70	-4.78	-4.78	6.30
5610MHz	Pass	10.70	-1.12	-1.12	6.30
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-0.02	-0.02	6.30
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-2.70	-2.70	25.30
802.11ac VHT160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	-6.39	-6.39	12.30
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	-6.50	-6.50	6.30
5570MHz	Pass	10.70	-10.07	-10.07	6.30
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	10.70	6.01	6.01	6.30
5300MHz	Pass	10.70	6.04	6.04	6.30
5320MHz	Pass	10.70	4.50	4.50	6.30
5500MHz	Pass	10.70	1.46	1.46	6.30
5580MHz	Pass	10.70	5.92	5.92	6.30
5700MHz	Pass	10.70	-1.98	-1.98	6.30
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	6.13	6.13	6.30

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	4.28	4.28	25.30
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	10.70	3.31	3.31	6.30
5310MHz	Pass	10.70	-0.47	-0.47	6.30
5510MHz	Pass	10.70	-2.52	-2.52	6.30
5550MHz	Pass	10.70	3.29	3.29	6.30
5670MHz	Pass	10.70	-0.39	-0.39	6.30
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	3.05	3.05	6.30
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	1.15	1.15	25.30
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	10.70	-3.14	-3.14	6.30
5530MHz	Pass	10.70	-4.93	-4.93	6.30
5610MHz	Pass	10.70	-1.57	-1.57	6.30
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	0.10	0.10	6.30
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-2.54	-2.54	25.30
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	-6.60	-6.60	12.30
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	-6.58	-6.58	6.30
5570MHz	Pass	10.70	-9.91	-9.91	6.30

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

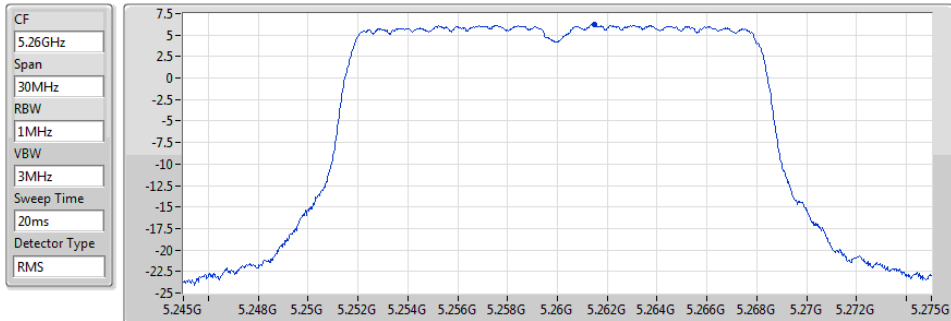
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

06/11/2019



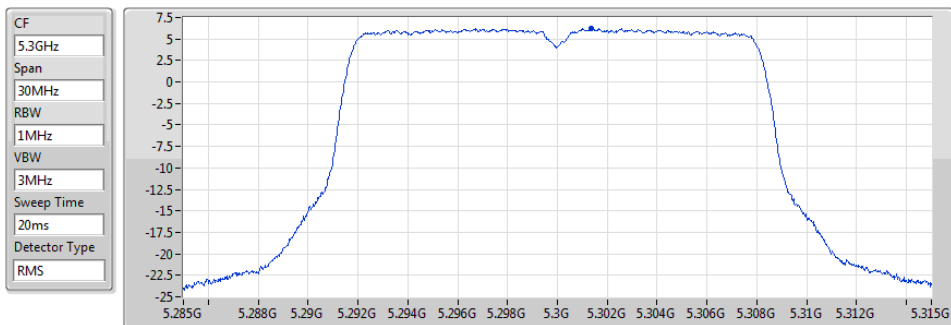
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.22	6.22	6.22

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

06/11/2019



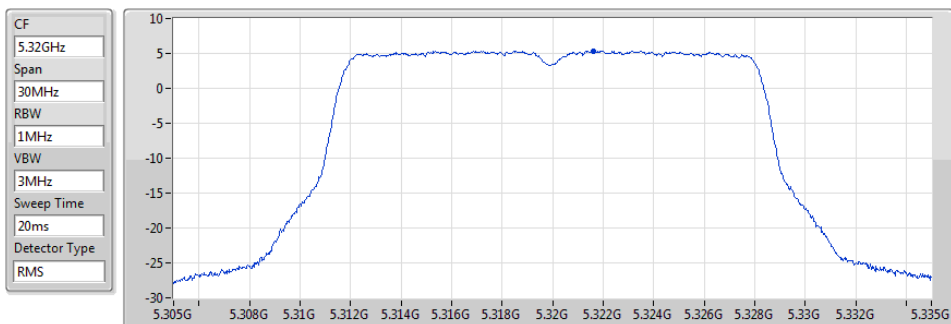
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.23	6.23	6.23

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

06/11/2019



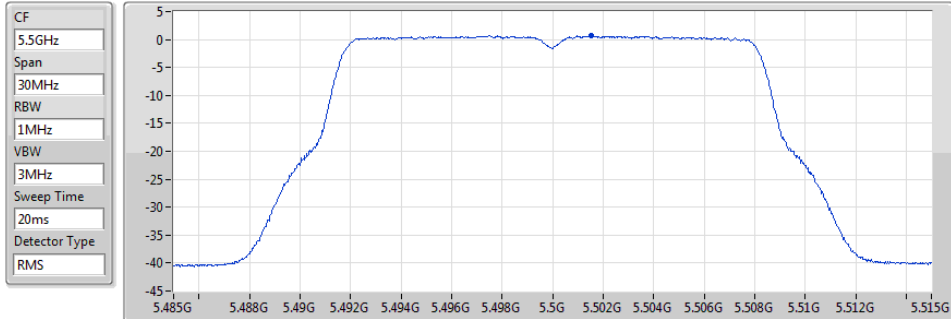
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.36	5.36	5.36

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

06/11/2019



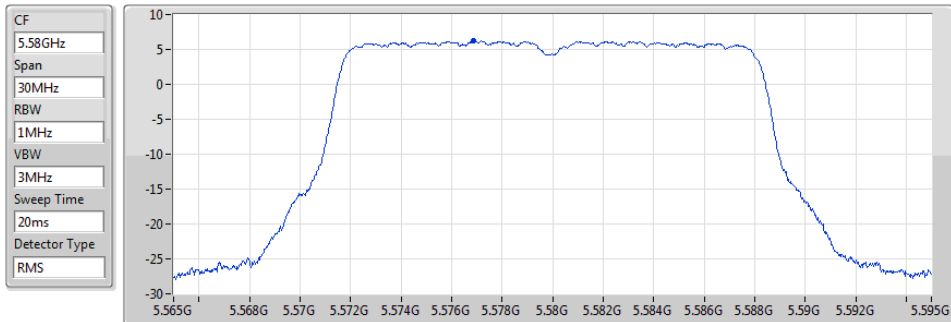
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.68	0.68	0.68

802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

06/11/2019



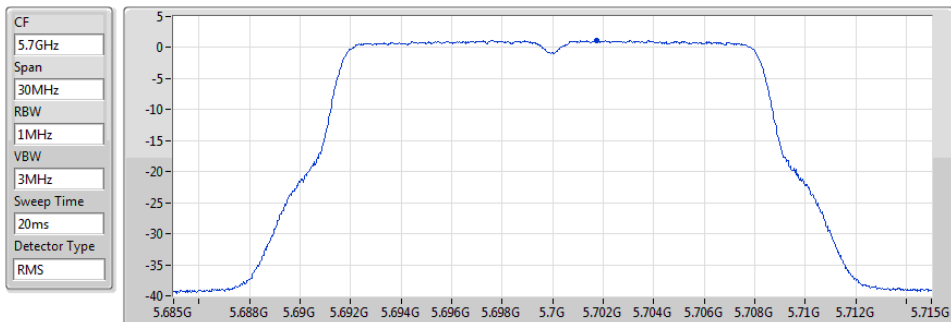
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.22	6.22	6.22

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

06/11/2019



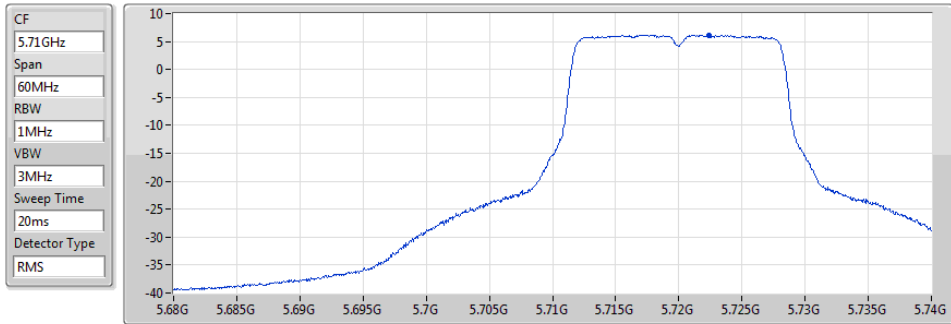
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.13	1.13	1.13

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

06/11/2019



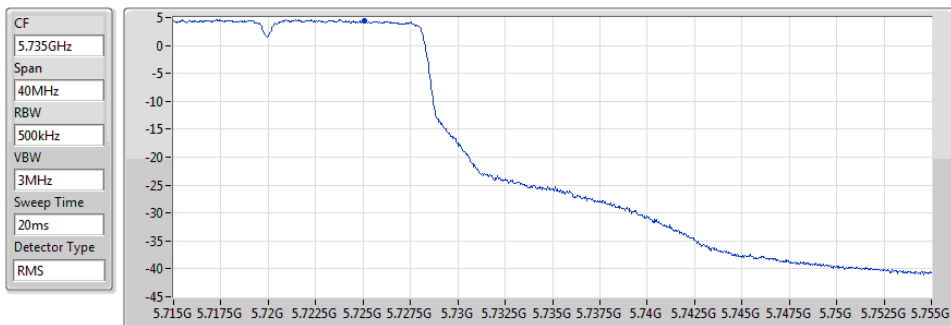
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.17	6.17	6.17

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

06/11/2019



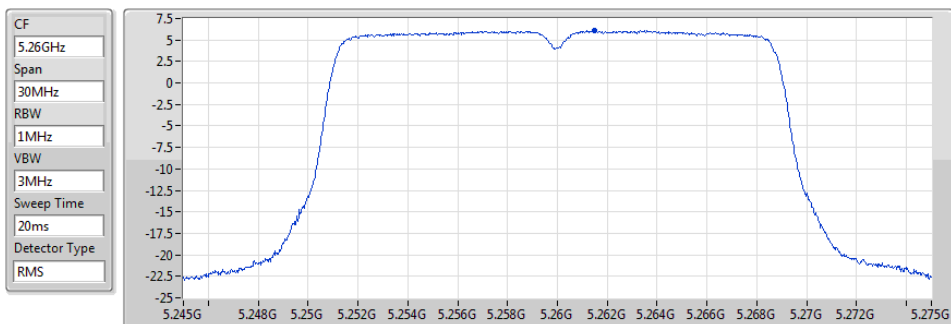
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.35	4.35	4.35

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

06/11/2019



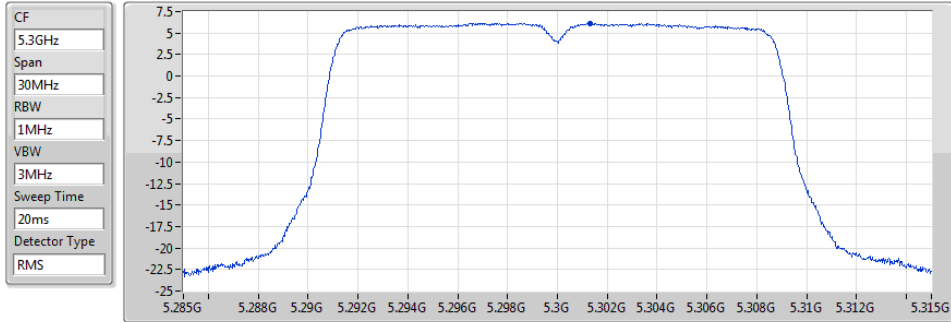
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.10	6.10	6.10

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

06/11/2019



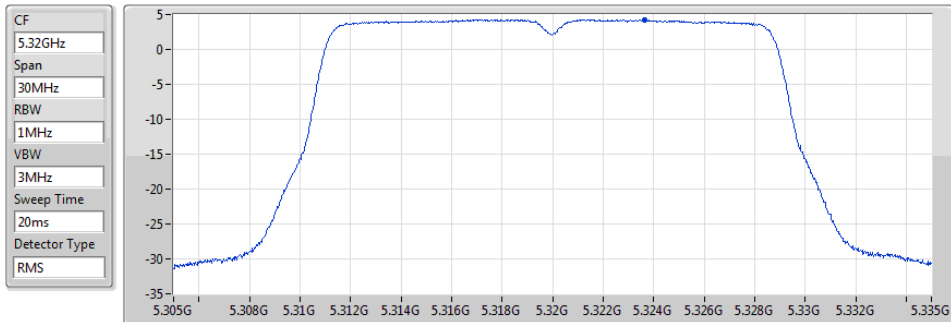
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.16	6.16	6.16

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

06/11/2019



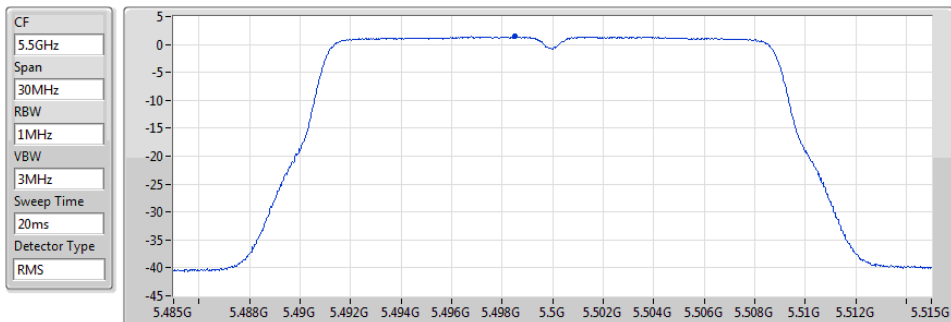
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.28	4.28	4.28

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

06/11/2019



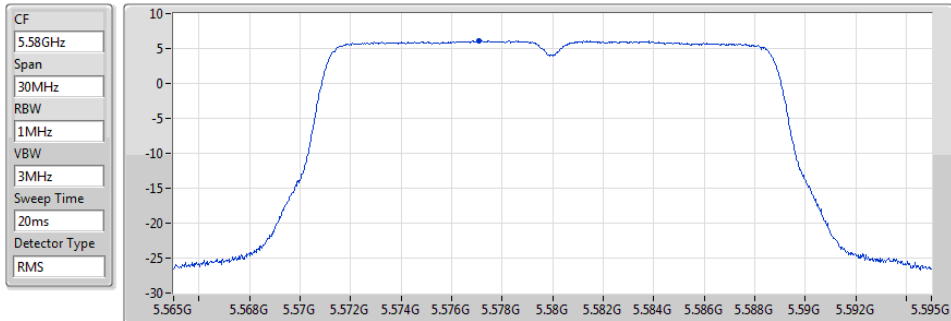
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.43	1.43	1.43

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

06/11/2019



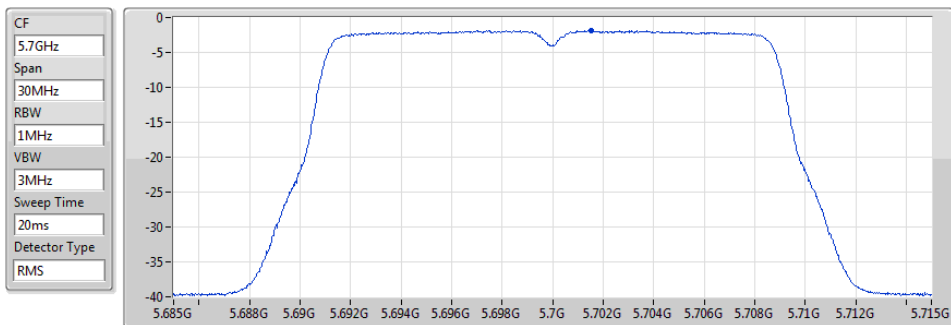
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.08	6.08	6.08

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

06/11/2019



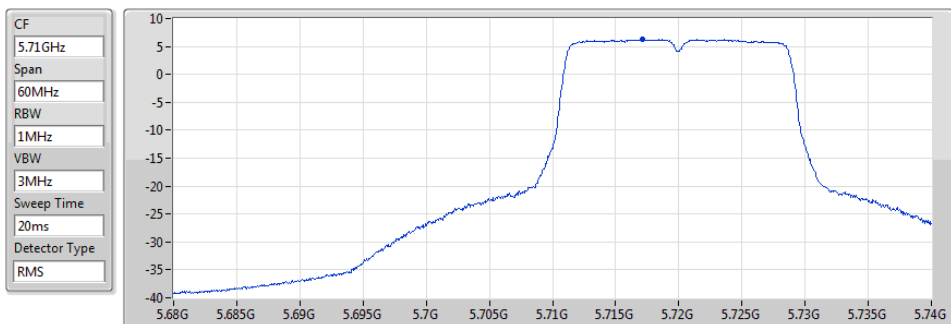
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.85	-1.85	-1.85

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

07/11/2019



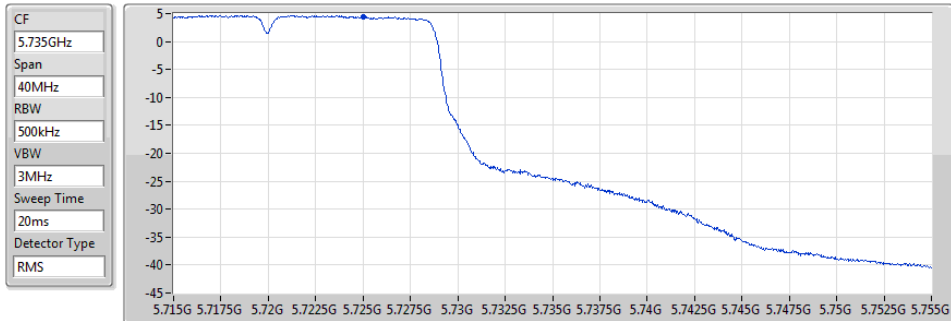
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.22	6.22	6.22

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

07/11/2019



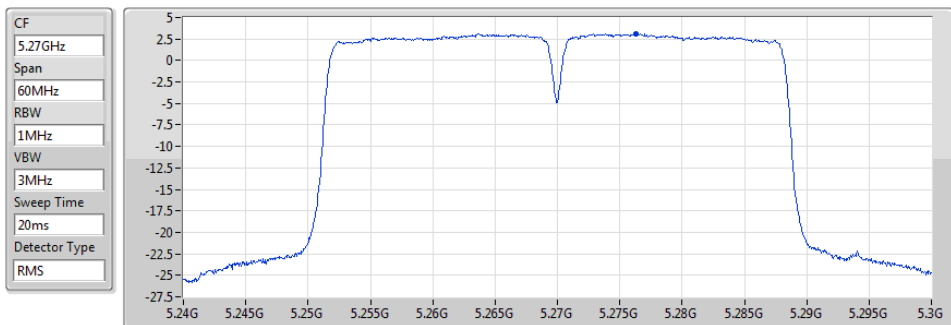
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.46	4.46	4.46

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

06/11/2019



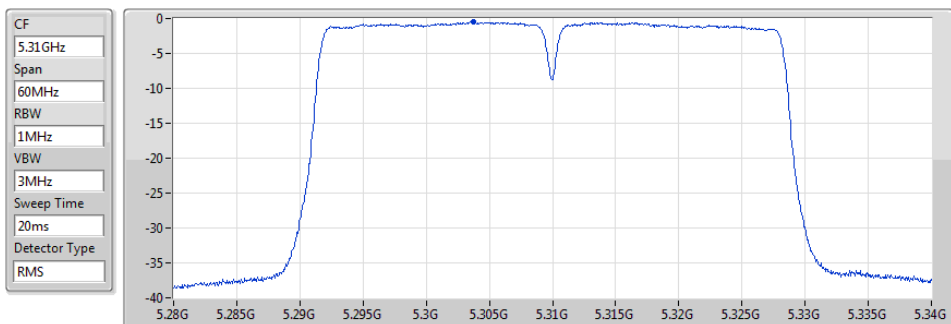
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.10	3.10	3.10

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

06/11/2019



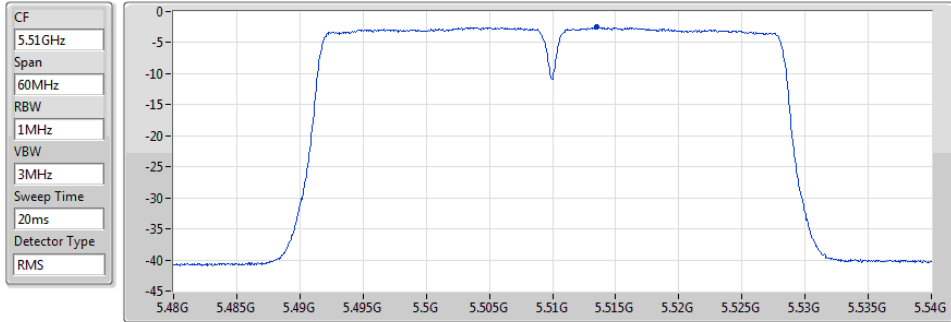
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.48	-0.48	-0.48

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

06/11/2019



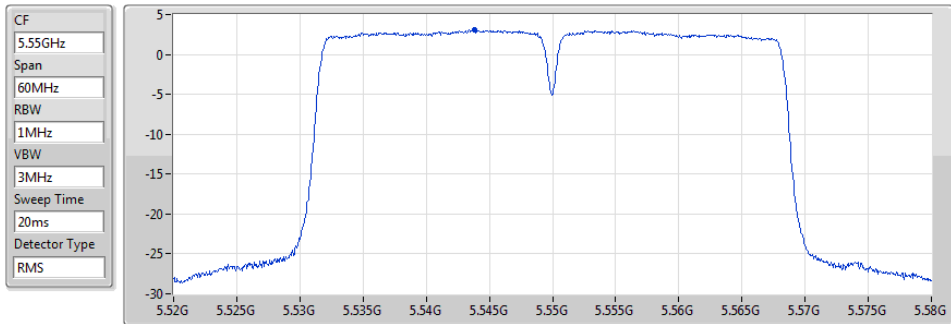
Sum	PD	Port 1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
-2.53	-2.53	-2.53

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

06/11/2019



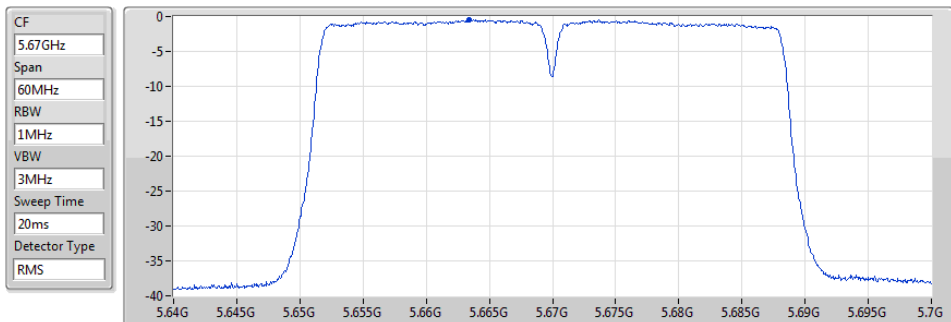
Sum	PD	Port 1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
3.07	3.07	3.07

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

06/11/2019



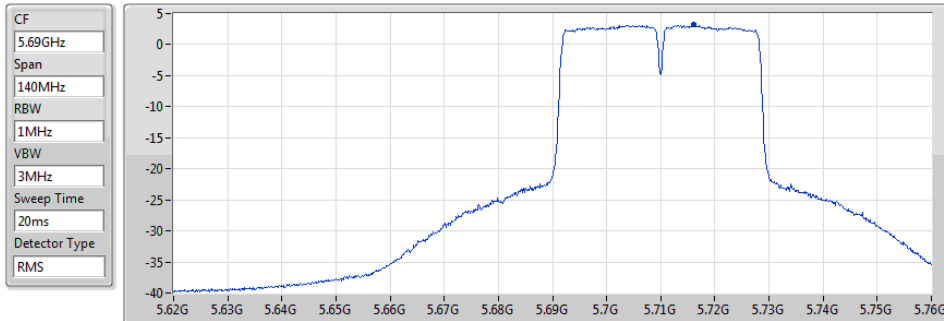
Sum	PD	Port 1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
-0.47	-0.47	-0.47

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

06/11/2019



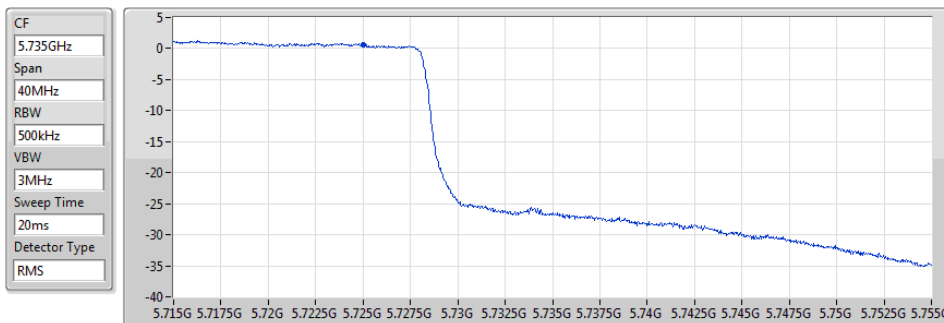
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.18	3.18	3.18

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

06/11/2019



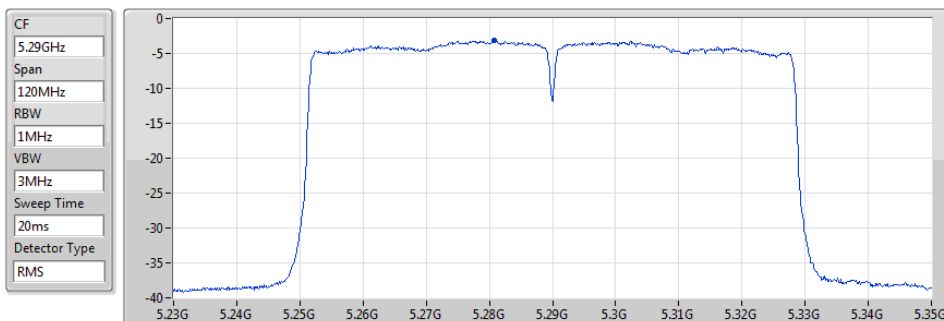
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.65	0.65	0.65

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

06/11/2019



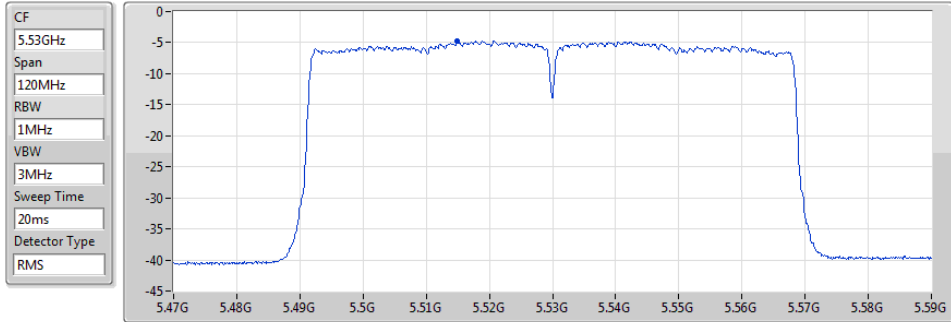
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.18	-3.18	-3.18

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

06/11/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.78	-4.78	-4.78

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5610MHz

06/11/2019



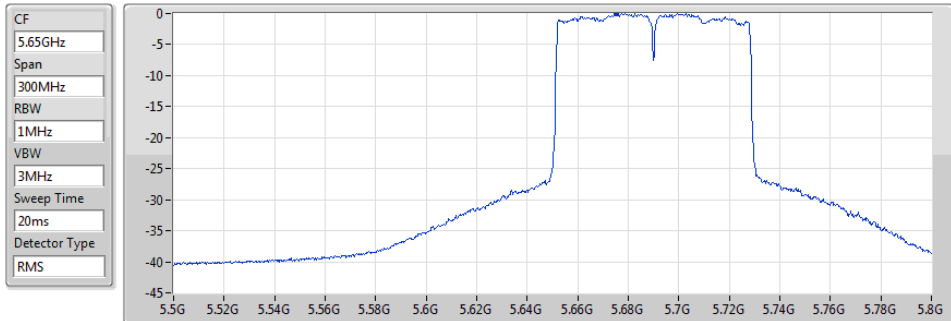
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.12	-1.12	-1.12

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

06/11/2019



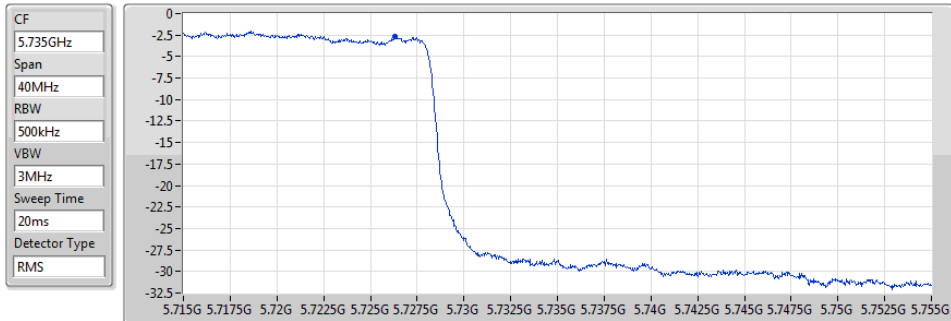
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.02	-0.02	-0.02

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

06/11/2019



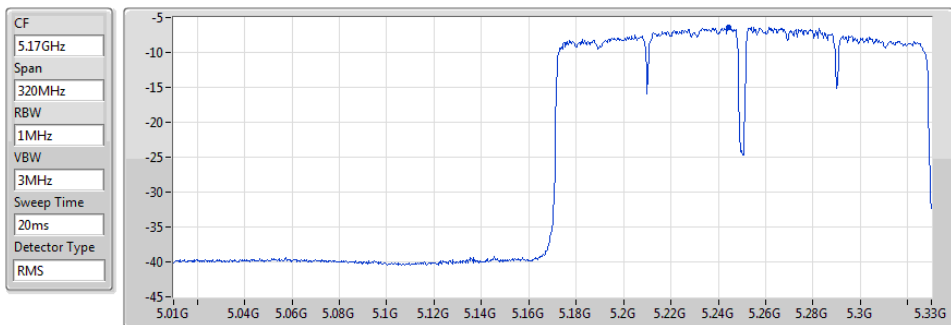
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.70	-2.70	-2.70

802.11ac VHT160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

06/11/2019



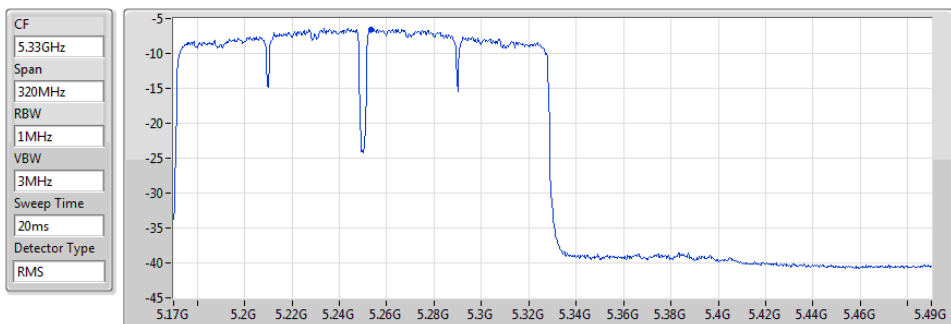
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.39	-6.39	-6.39

802.11ac VHT160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

06/11/2019



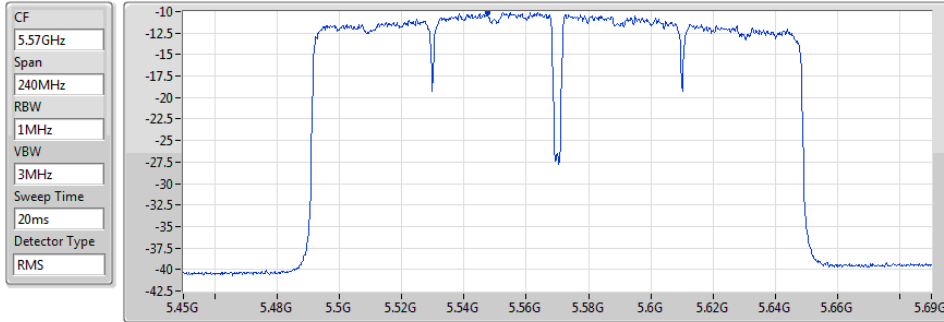
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-6.50	-6.50	-6.50

802.11ac VHT160_Nss1,(MCS0)_1TX

PSD

5570MHz

07/11/2019



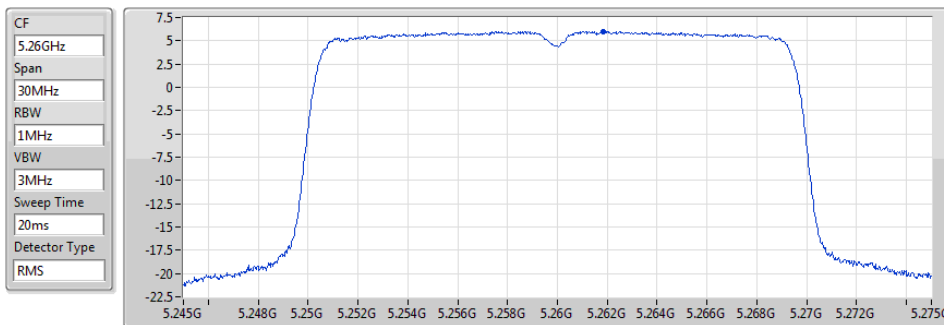
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-10.07	-10.07	-10.07

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

06/11/2019



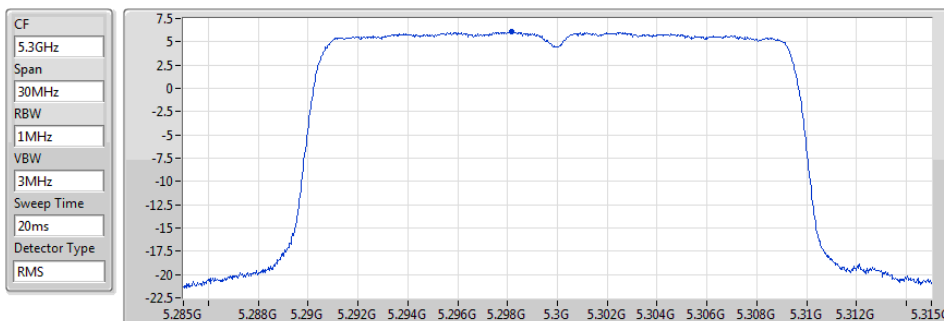
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.01	6.01	6.01

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

06/11/2019



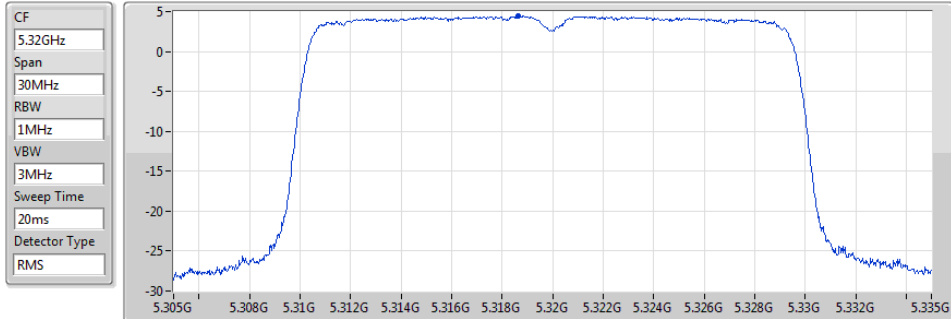
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.04	6.04	6.04

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

06/11/2019

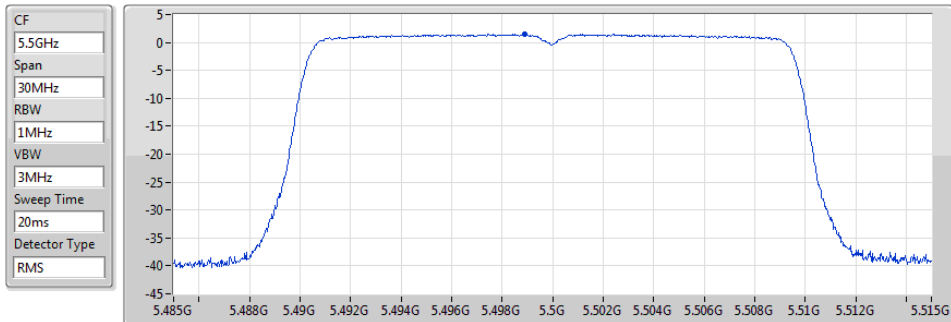


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

06/11/2019

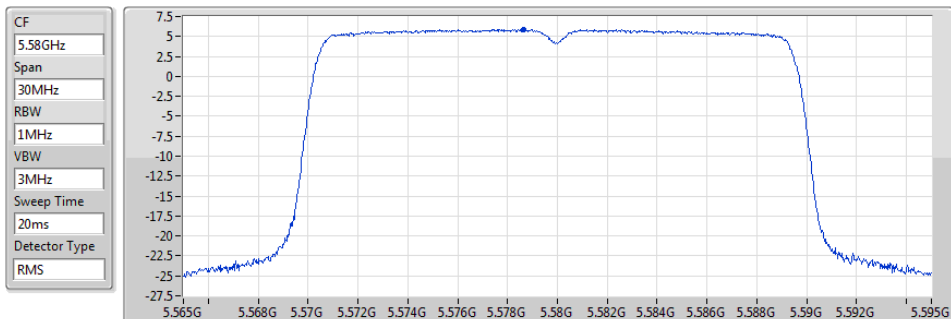


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

06/11/2019

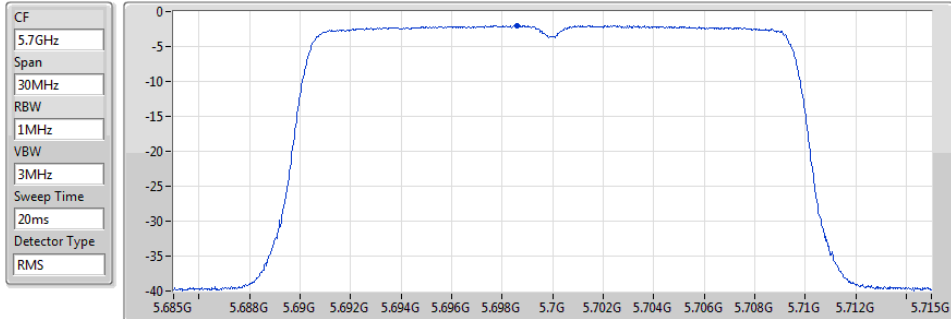


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

06/11/2019



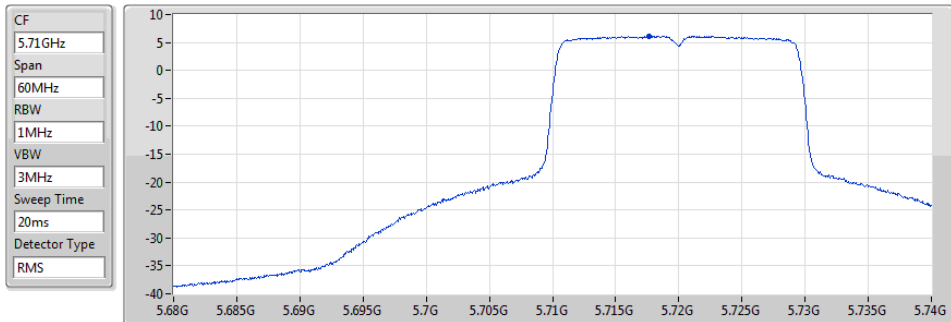
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.98	-1.98	-1.98

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

06/11/2019



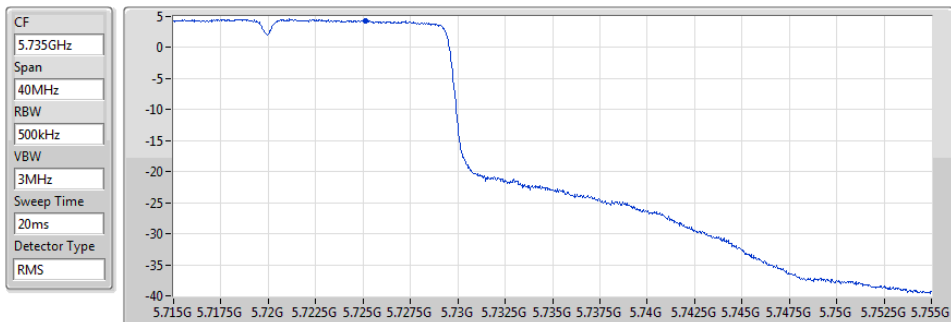
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.13	6.13	6.13

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

07/11/2019



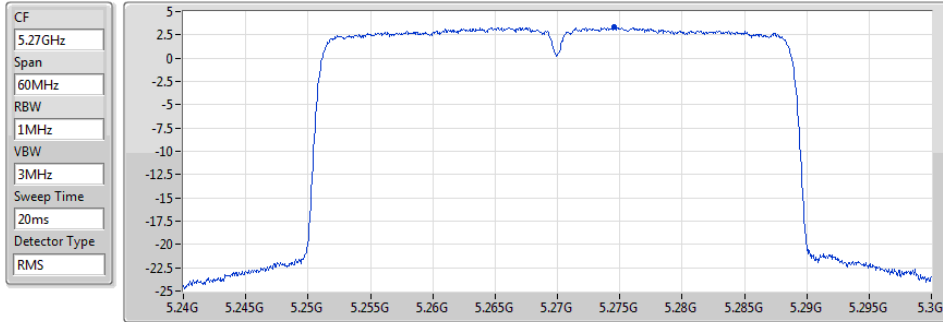
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.28	4.28	4.28

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

06/11/2019

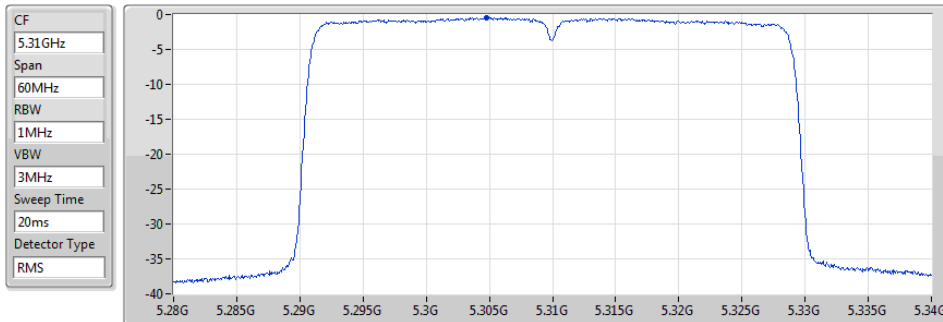


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

06/11/2019



802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

06/11/2019

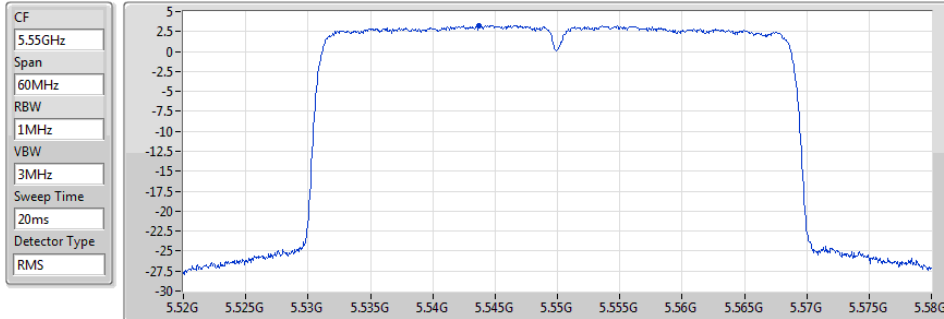


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

06/11/2019



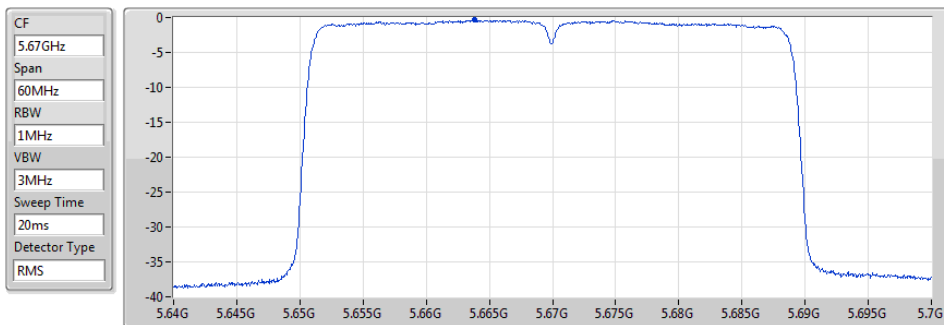
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.29	3.29	3.29

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

06/11/2019



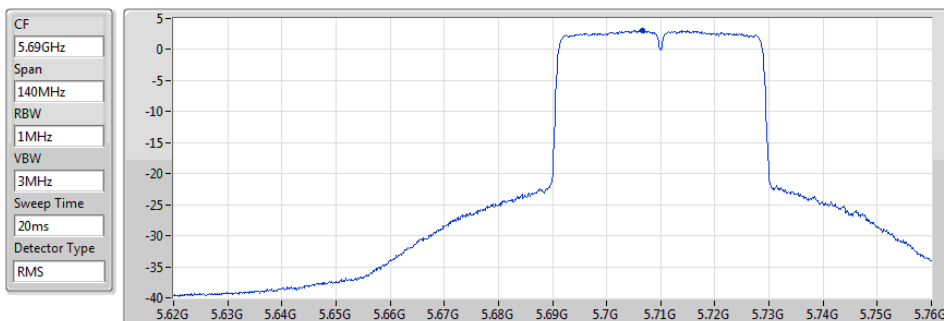
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.39	-0.39	-0.39

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

06/11/2019



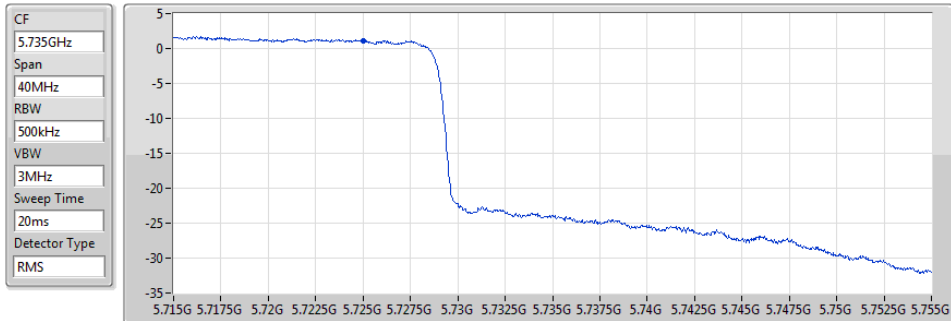
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.05	3.05	3.05

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

06/11/2019

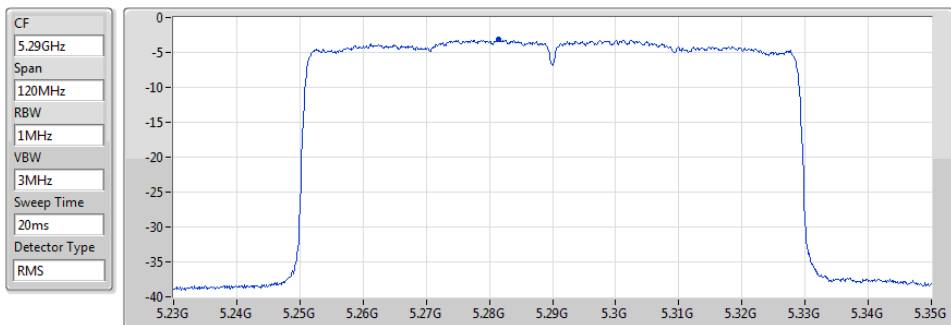


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

06/11/2019

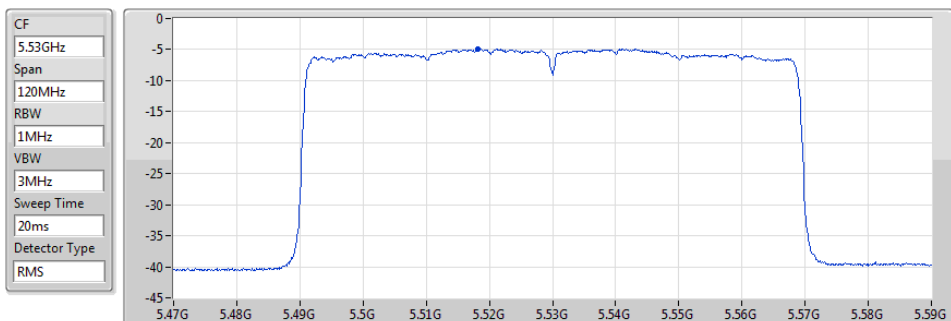


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

06/11/2019

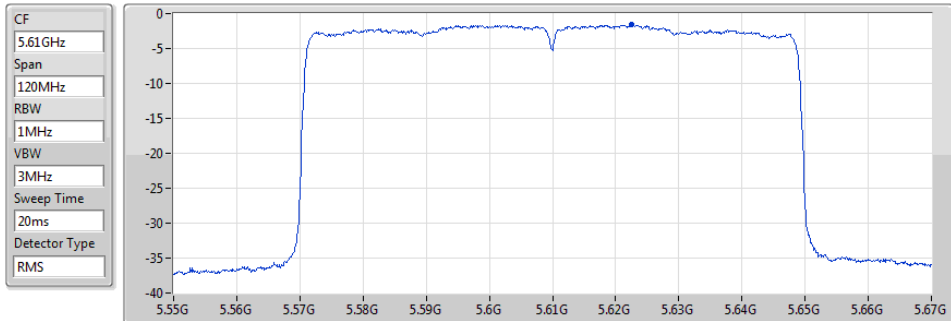


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

06/11/2019



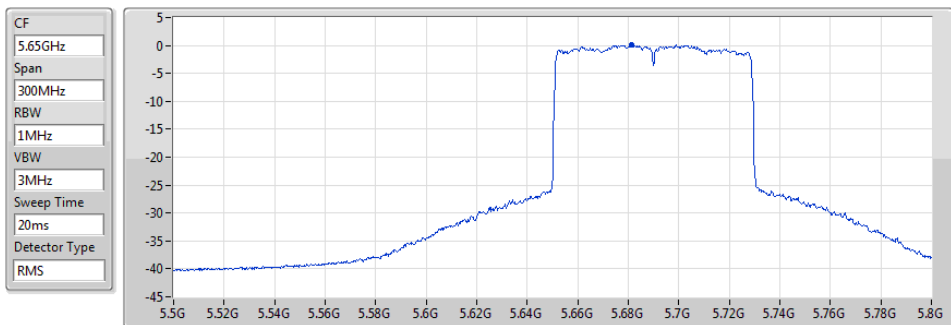
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.57	-1.57	-1.57

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

06/11/2019



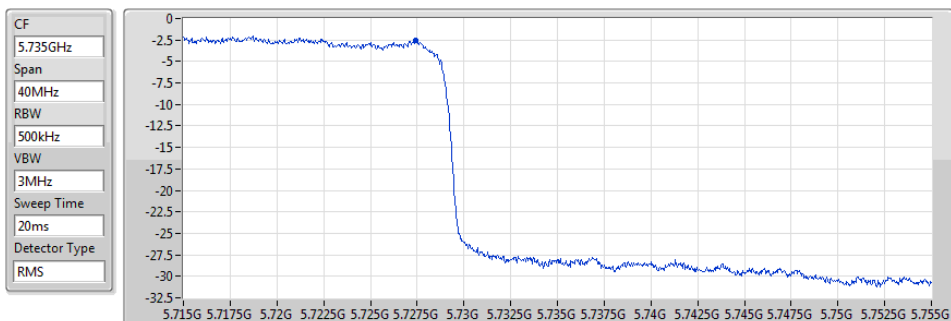
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.10	0.10	0.10

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

06/11/2019



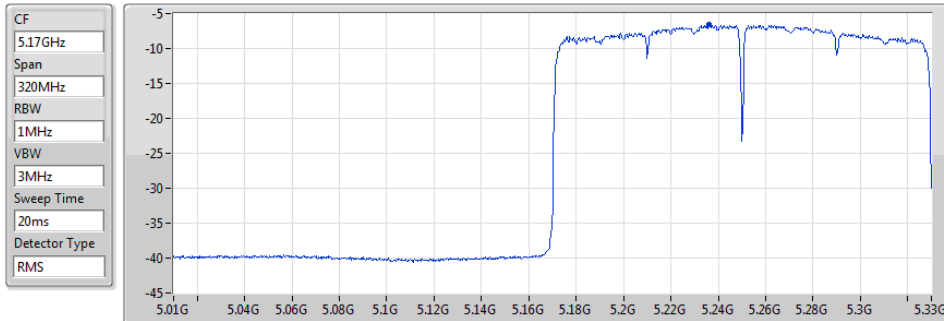
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.54	-2.54	-2.54

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

06/11/2019



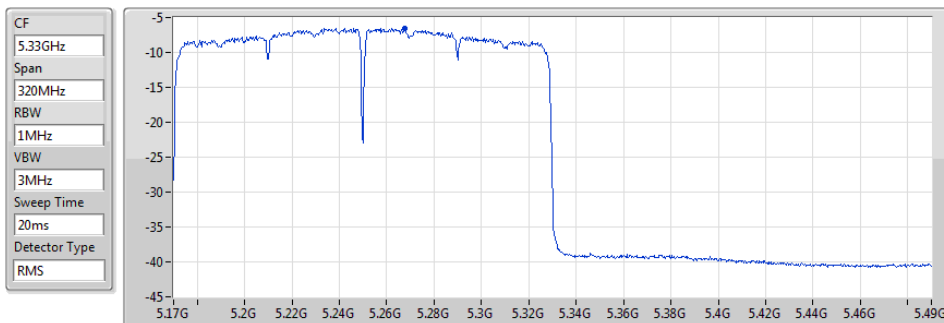
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.60	-6.60	-6.60

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

06/11/2019



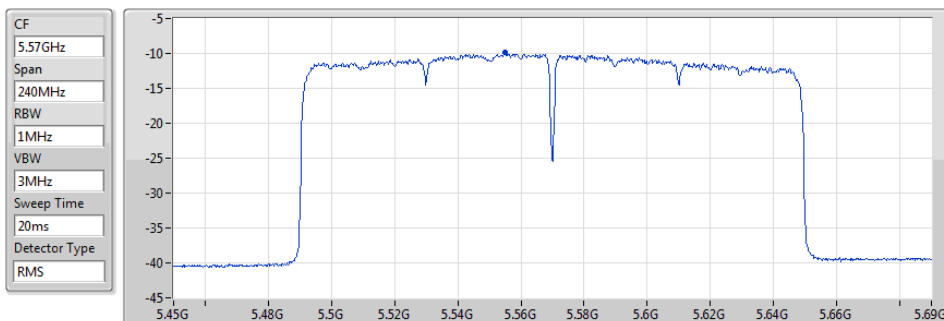
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.58	-6.58	-6.58

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5570MHz

06/11/2019



Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.91	-9.91	-9.91

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss2,(MCS0)_2TX	-7.03
802.11ax HEW160_Nss2,(MCS0)_2TX	-6.94
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	3.22
802.11ac VHT20_Nss2,(MCS0)_2TX	6.03
802.11ac VHT40_Nss2,(MCS0)_2TX	3.35
802.11ac VHT80_Nss2,(MCS0)_2TX	-2.88
802.11ac VHT160_Nss2,(MCS0)_2TX	-7.00
802.11ax HEW20_Nss2,(MCS0)_2TX	5.92
802.11ax HEW40_Nss2,(MCS0)_2TX	3.34
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.79
802.11ax HEW160_Nss2,(MCS0)_2TX	-7.06
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	3.22
802.11ac VHT20_Nss2,(MCS0)_2TX	6.01
802.11ac VHT40_Nss2,(MCS0)_2TX	3.47
802.11ac VHT80_Nss2,(MCS0)_2TX	0.40
802.11ac VHT160_Nss2,(MCS0)_2TX	-8.34
802.11ax HEW20_Nss2,(MCS0)_2TX	5.87
802.11ax HEW40_Nss2,(MCS0)_2TX	3.41
802.11ax HEW80_Nss2,(MCS0)_2TX	0.54
802.11ax HEW160_Nss2,(MCS0)_2TX	-8.30
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	1.14
802.11ac VHT20_Nss2,(MCS0)_2TX	3.87
802.11ac VHT40_Nss2,(MCS0)_2TX	1.13
802.11ac VHT80_Nss2,(MCS0)_2TX	-2.21
802.11ax HEW20_Nss2,(MCS0)_2TX	3.51
802.11ax HEW40_Nss2,(MCS0)_2TX	1.06
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.78

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)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	13.71	-0.06	0.50	3.18	3.29
5300MHz	Pass	13.71	-0.15	0.65	3.18	3.29
5320MHz	Pass	13.71	-0.02	0.64	3.22	3.29
5500MHz	Pass	13.71	-0.79	-0.13	2.52	3.29
5580MHz	Pass	13.71	-0.21	0.68	3.22	3.29
5700MHz	Pass	13.71	-0.27	-0.03	2.77	3.29
5720MHz Straddle 5.47-5.725GHz	Pass	13.71	-0.18	0.34	3.07	3.29
5720MHz Straddle 5.725-5.85GHz	Pass	13.71	-1.97	-1.62	1.14	22.29
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	10.70	2.79	3.18	5.96	6.30
5300MHz	Pass	10.70	2.85	3.25	6.03	6.30
5320MHz	Pass	10.70	2.44	2.72	5.52	6.30
5500MHz	Pass	10.70	1.03	1.46	4.19	6.30
5580MHz	Pass	10.70	2.61	3.45	6.01	6.30
5700MHz	Pass	10.70	-0.84	-0.47	2.25	6.30
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	2.62	2.73	5.64	6.30
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	0.74	1.10	3.87	25.30
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	10.70	0.38	0.50	3.35	6.30
5310MHz	Pass	10.70	-2.82	-2.40	0.33	6.30
5510MHz	Pass	10.70	-4.37	-3.99	-1.24	6.30
5550MHz	Pass	10.70	0.35	0.73	3.47	6.30
5670MHz	Pass	10.70	-4.19	-3.54	-0.89	6.30
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	0.33	0.46	3.25	6.30
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	-1.97	-1.71	1.13	25.30
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	10.70	-5.84	-5.52	-2.88	6.30
5530MHz	Pass	10.70	-6.43	-5.89	-3.35	6.30
5610MHz	Pass	10.70	-2.93	-1.94	0.40	6.30
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-3.28	-2.42	0.05	6.30
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-5.87	-4.45	-2.21	25.30
802.11ac VHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	-10.21	-9.51	-7.03	12.30
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	-10.19	-9.62	-7.00	6.30
5570MHz	Pass	10.70	-11.57	-10.74	-8.34	6.30
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	10.70	2.74	2.96	5.79	6.30
5300MHz	Pass	10.70	2.80	3.12	5.92	6.30
5320MHz	Pass	10.70	2.25	2.62	5.41	6.30
5500MHz	Pass	10.70	1.11	1.33	4.15	6.30
5580MHz	Pass	10.70	2.49	3.35	5.87	6.30
5700MHz	Pass	10.70	-0.91	-0.65	2.15	6.30
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	2.51	2.71	5.57	6.30



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	0.42	0.65	3.51	25.30
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	10.70	0.14	0.63	3.34	6.30
5310MHz	Pass	10.70	-2.67	-2.22	0.43	6.30
5510MHz	Pass	10.70	-4.03	-3.82	-1.02	6.30
5550MHz	Pass	10.70	0.18	0.79	3.41	6.30
5670MHz	Pass	10.70	-4.02	-3.27	-0.73	6.30
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	0.30	0.62	3.38	6.30
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	-2.08	-1.80	1.06	25.30
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	10.70	-5.72	-5.72	-2.79	6.30
5530MHz	Pass	10.70	-6.32	-6.04	-3.27	6.30
5610MHz	Pass	10.70	-2.68	-2.00	0.54	6.30
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-3.08	-2.55	0.15	6.30
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-6.15	-5.37	-2.78	25.30
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	-10.07	-9.72	-6.94	12.30
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	-10.13	-9.85	-7.06	6.30
5570MHz	Pass	10.70	-11.51	-10.89	-8.30	6.30

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

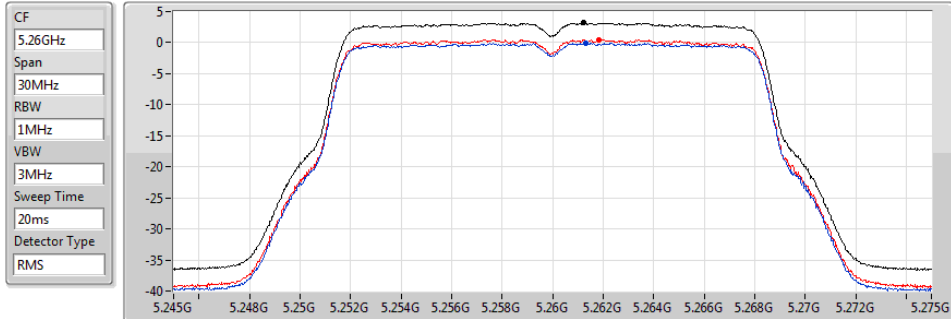
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

07/11/2019



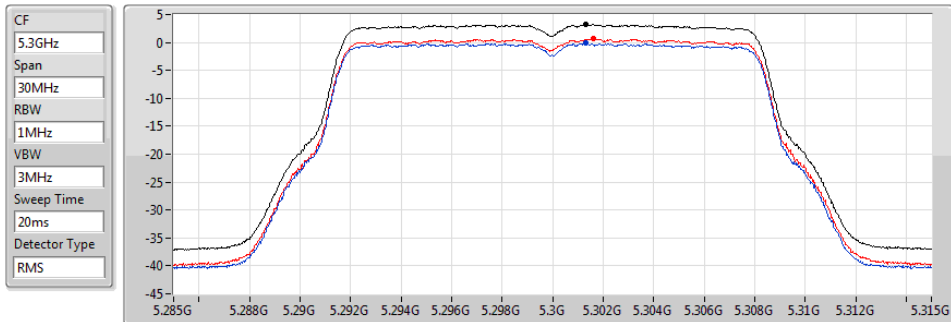
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.18	3.18	-0.06	0.50

802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

07/11/2019



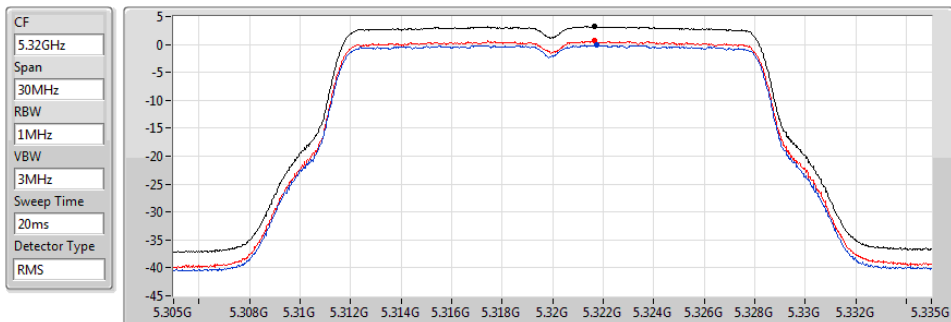
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.18	3.18	-0.15	0.65

802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

07/11/2019



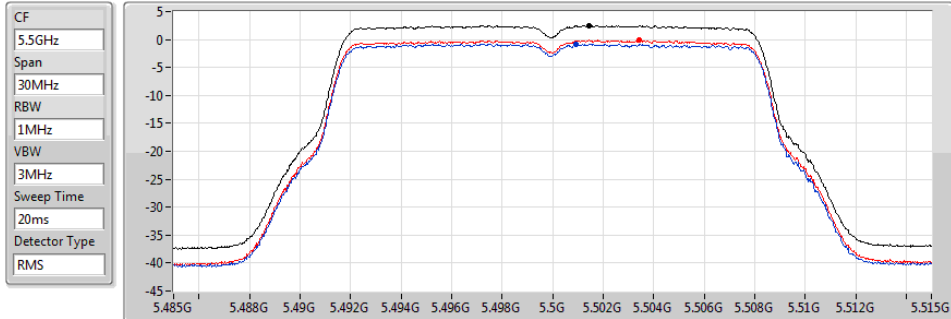
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.22	3.22	-0.02	0.64

802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

07/11/2019



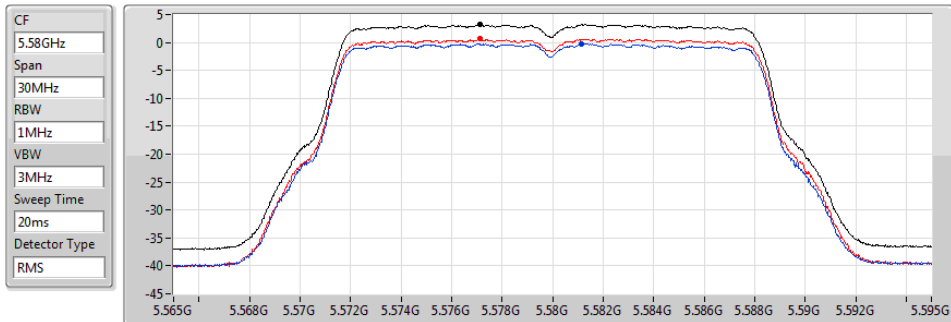
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.52	2.52	-0.79	-0.13

802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

07/11/2019



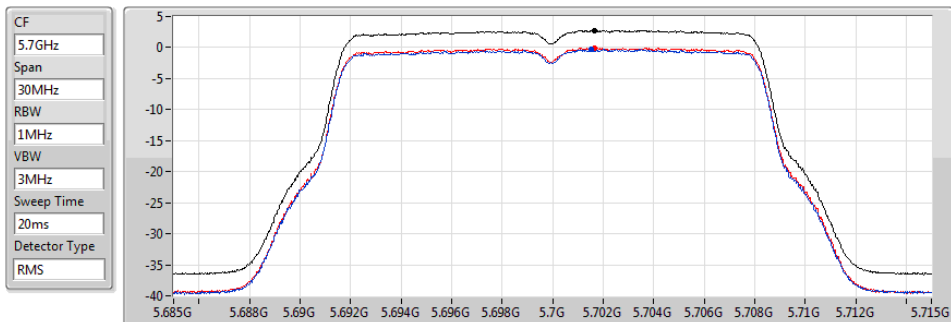
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.22	3.22	-0.21	0.68

802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

07/11/2019



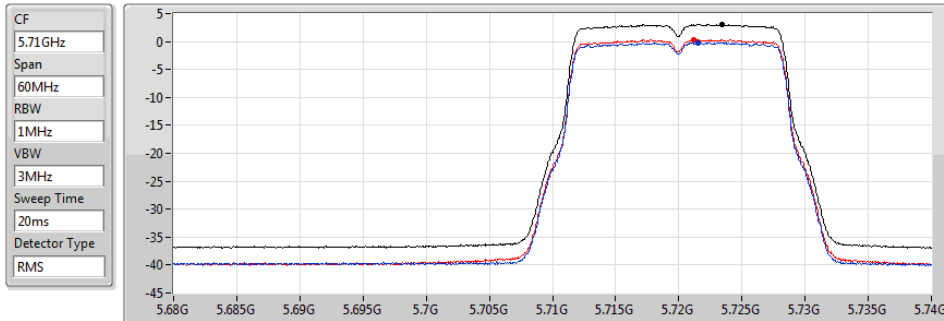
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.77	2.77	-0.27	-0.03

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

07/11/2019



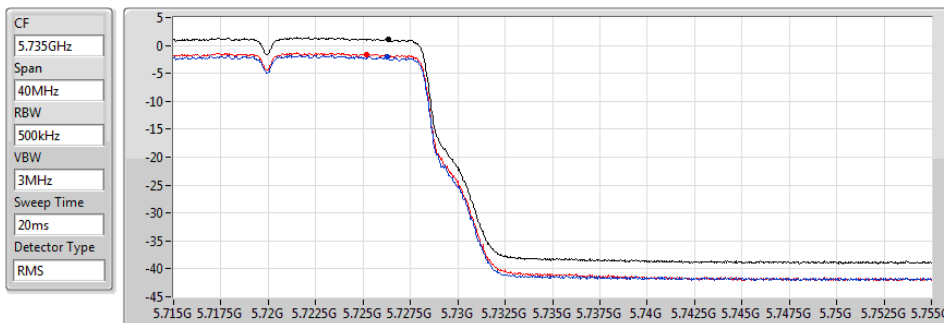
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.07	3.07	-0.18	0.34

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

07/11/2019



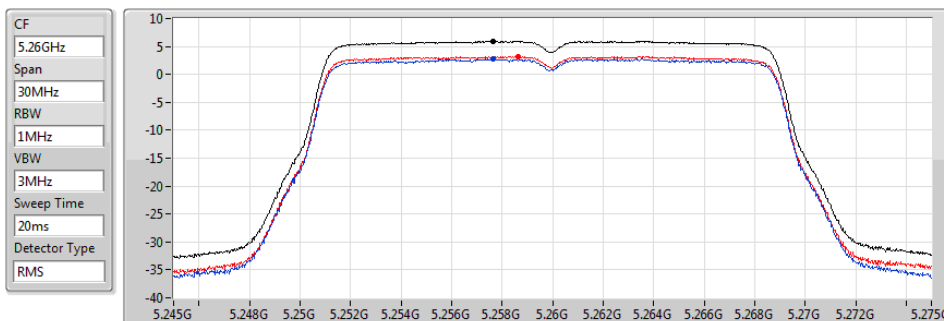
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.14	1.14	-1.97	-1.62

802.11ac VHT20_Nss2,(MCS0)_2TX

5260MHz

PSD

07/11/2019



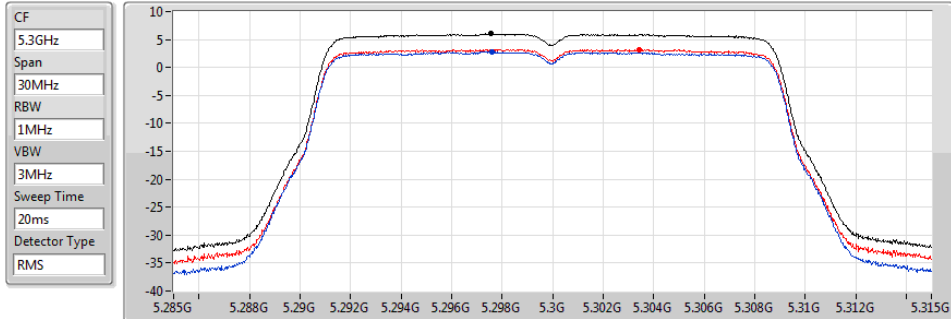
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.96	5.96	2.79	3.18

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5300MHz

07/11/2019



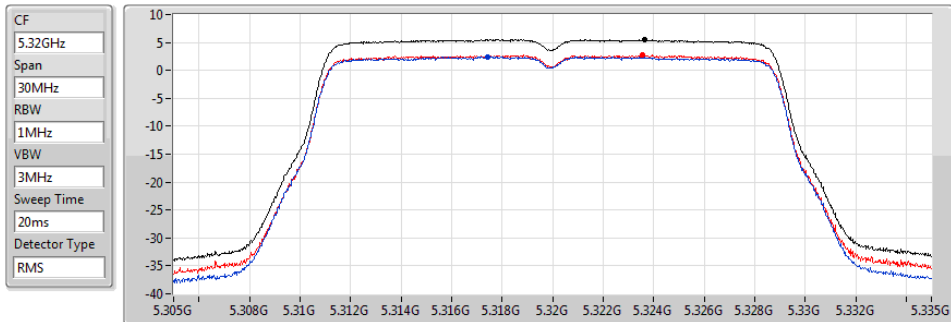
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.03	6.03	2.85	3.25

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5320MHz

07/11/2019



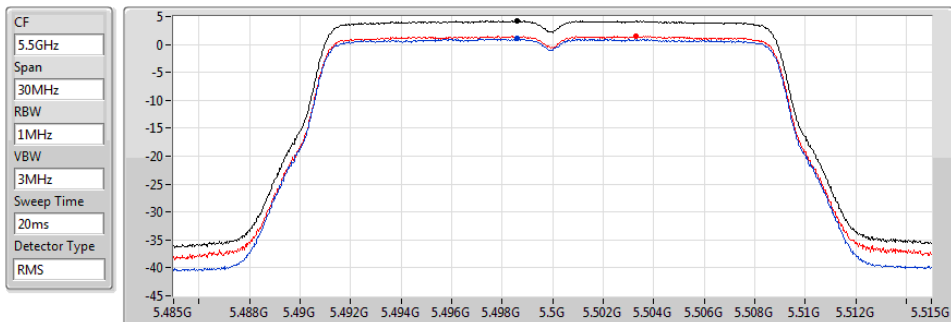
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.52	5.52	2.44	2.72

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5500MHz

07/11/2019



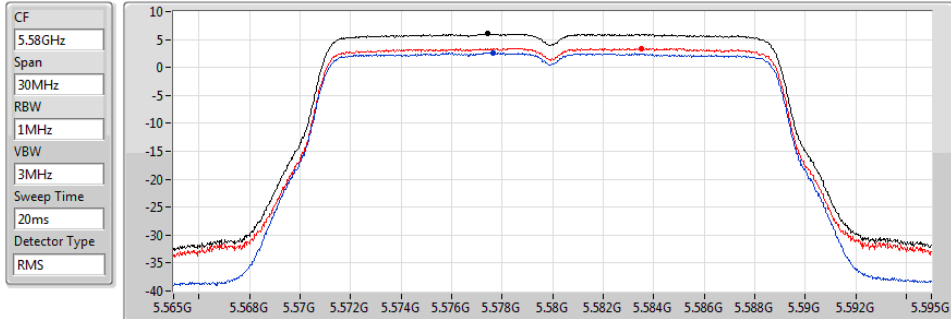
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.19	4.19	1.03	1.46

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5580MHz

07/11/2019



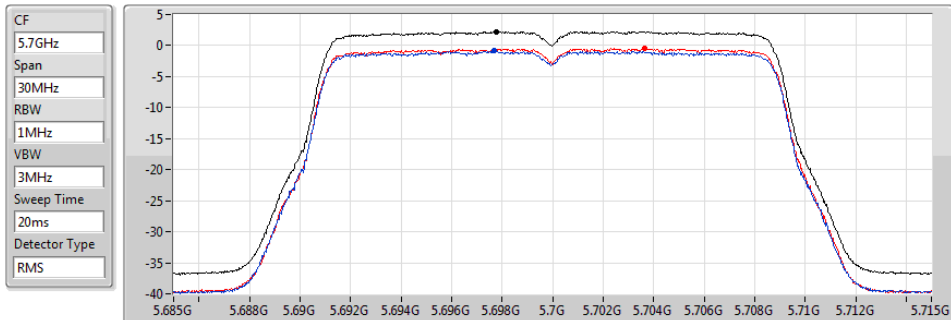
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.01	6.01	2.61	3.45

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5700MHz

07/11/2019



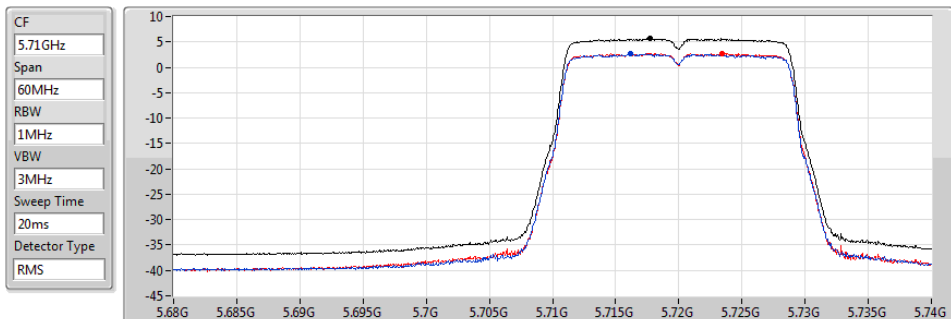
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.25	2.25	-0.84	-0.47

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

07/11/2019



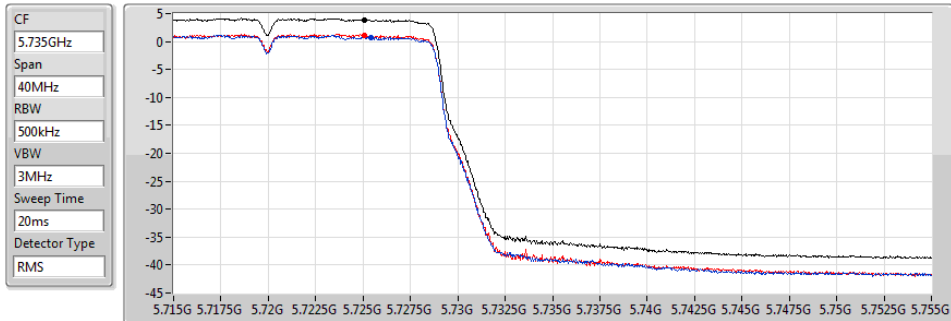
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.64	5.64	2.62	2.73

802.11ac VHT20_Nss2,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

07/11/2019



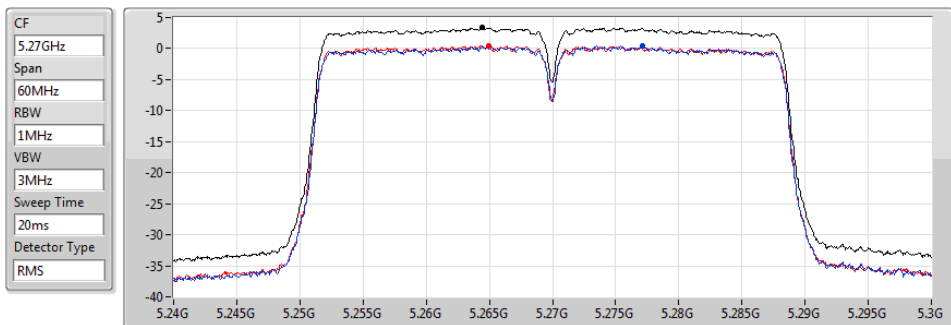
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.87	3.87	0.74	1.10

802.11ac VHT40_Nss2,(MCS0)_2TX

5270MHz

PSD

07/11/2019



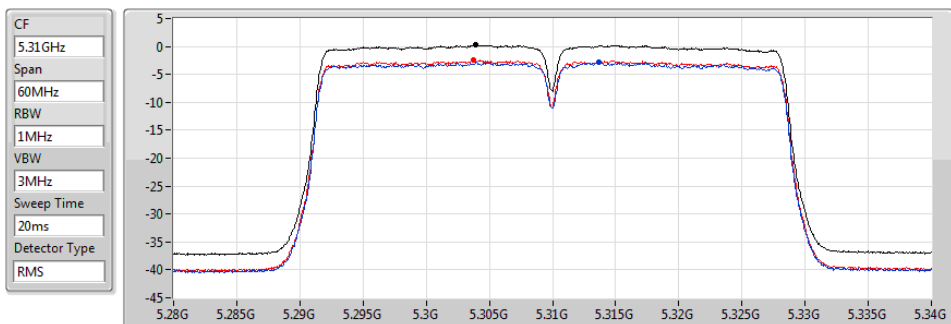
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.35	3.35	0.38	0.50

802.11ac VHT40_Nss2,(MCS0)_2TX

5310MHz

PSD

07/11/2019



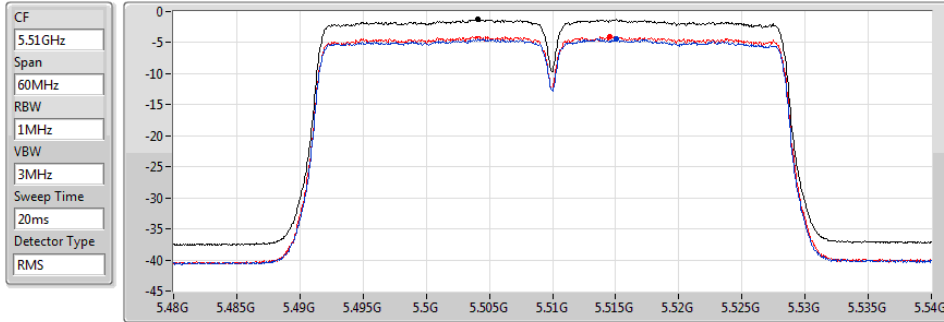
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.33	0.33	-2.82	-2.40

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5510MHz

07/11/2019



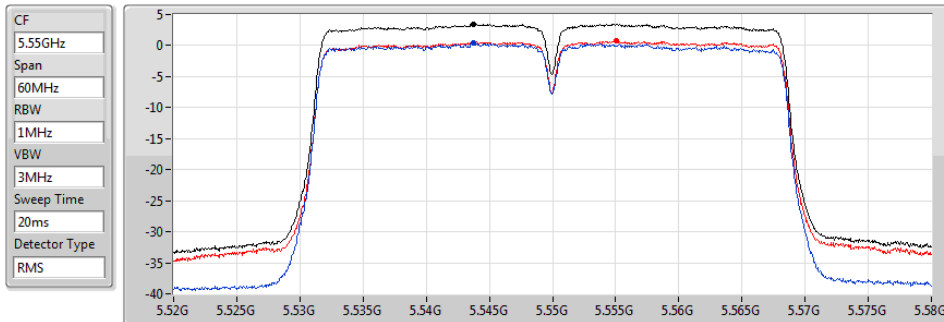
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.24	-1.24	-4.37	-3.99

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5550MHz

07/11/2019



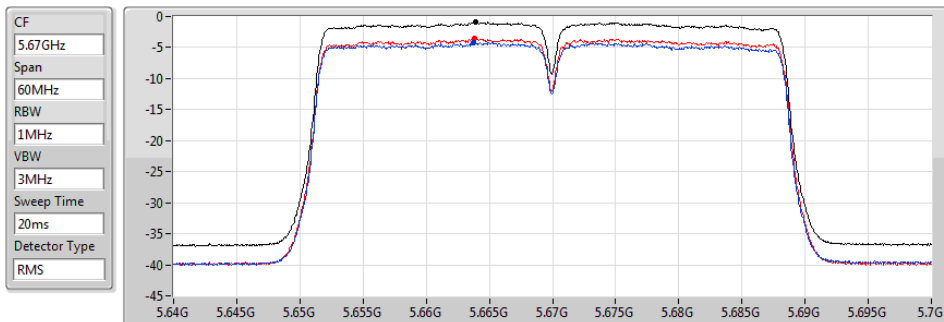
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.47	3.47	0.35	0.73

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5670MHz

07/11/2019



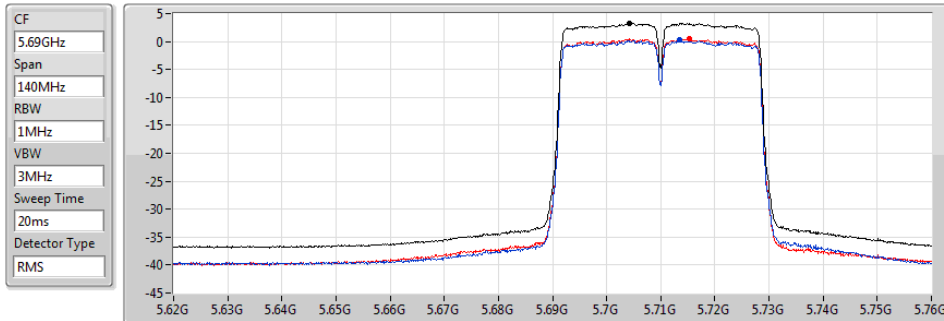
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.89	-0.89	-4.19	-3.54

802.11ac VHT40_Nss2,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz

PSD

07/11/2019



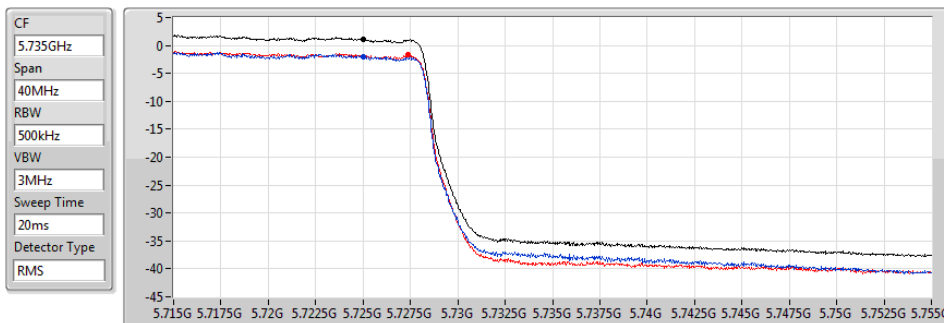
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.25	3.25	0.33	0.46

802.11ac VHT40_Nss2,(MCS0)_2TX

5710MHz Straddle 5.725-5.85GHz

PSD

07/11/2019



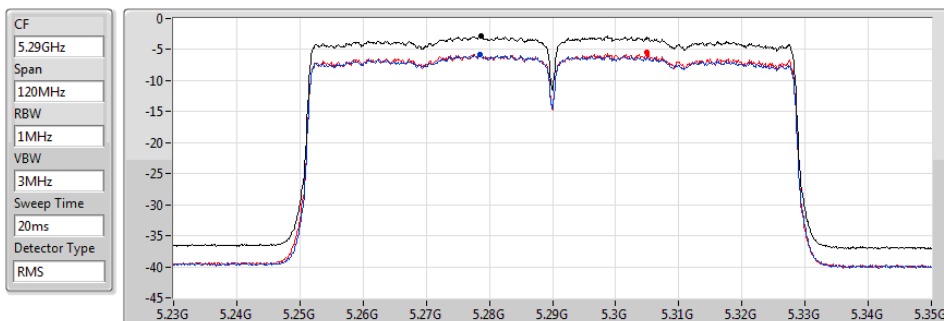
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.13	1.13	-1.97	-1.71

802.11ac VHT80_Nss2,(MCS0)_2TX

5290MHz

PSD

02/11/2019



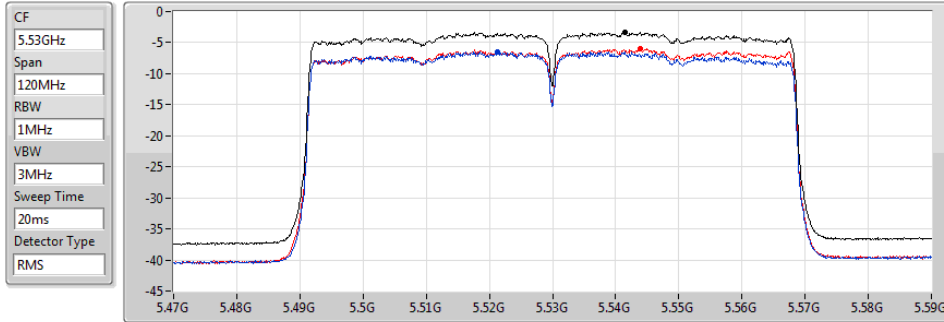
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.88	-2.88	-5.84	-5.52

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5530MHz

07/11/2019



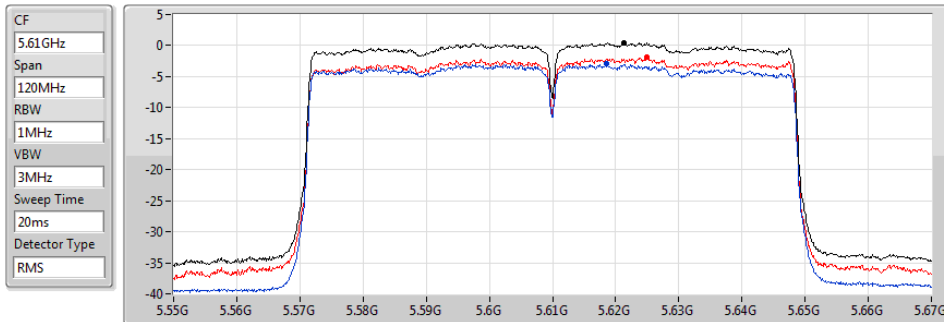
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.35	-3.35	-6.43	-5.89

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5610MHz

07/11/2019



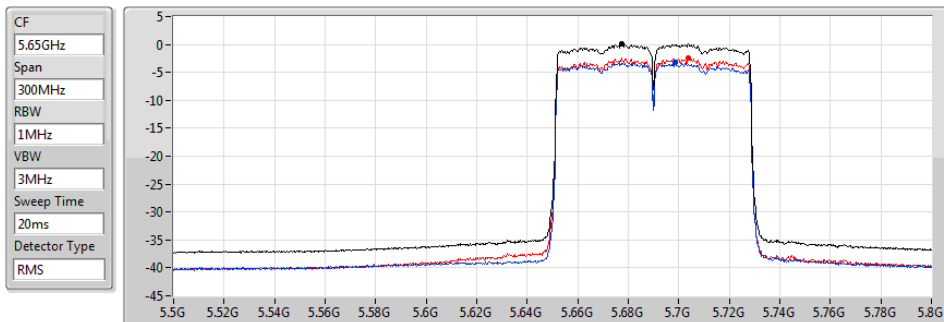
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.40	0.40	-2.93	-1.94

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

07/11/2019



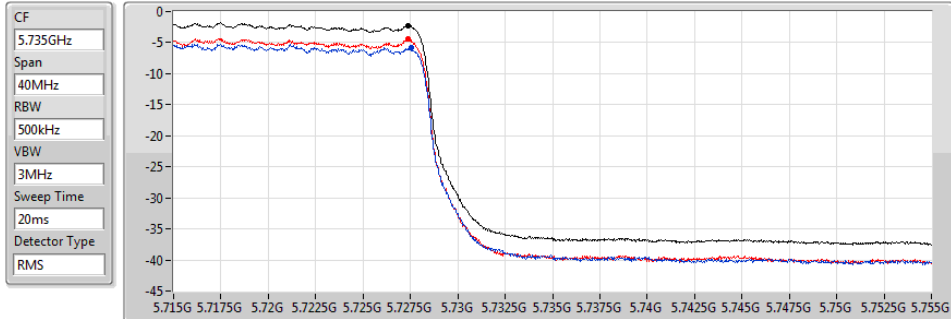
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.05	0.05	-3.28	-2.42

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

07/11/2019



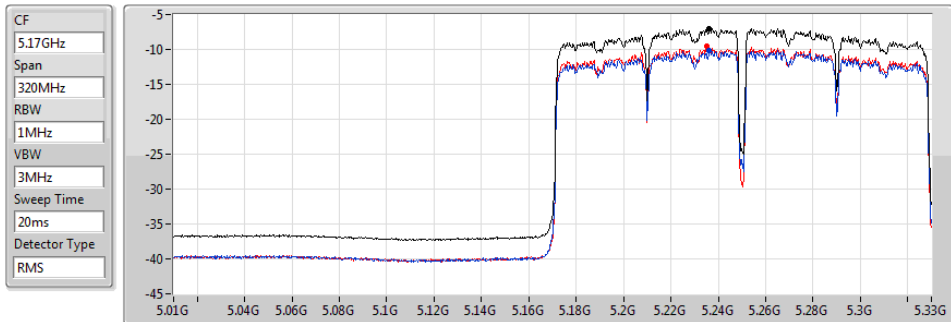
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.21	-2.21	-5.87	-4.45

802.11ac VHT160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

07/11/2019



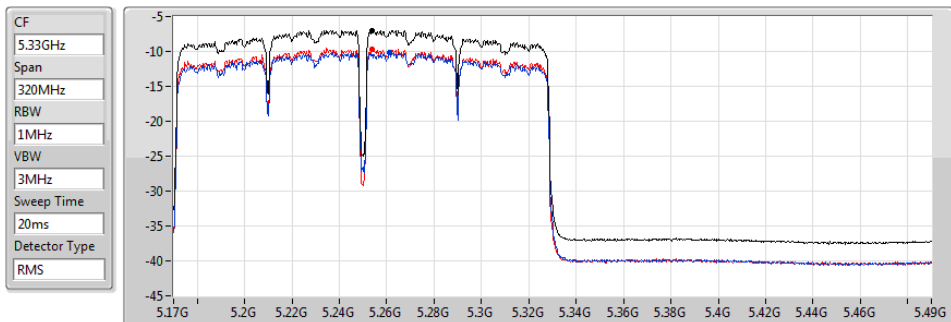
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.03	-7.03	-10.21	-9.51

802.11ac VHT160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

07/11/2019



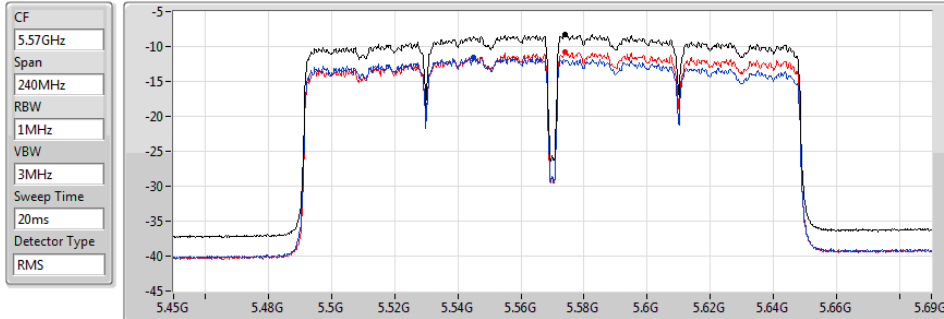
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-7.00	-7.00	-10.19	-9.62

802.11ac VHT160_Nss2,(MCS0)_2TX

PSD

5570MHz

07/11/2019



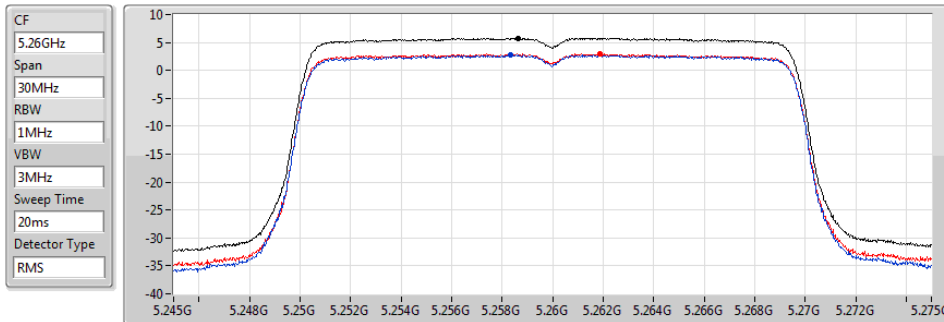
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-8.34	-8.34	-11.57	-10.74

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5260MHz

07/11/2019



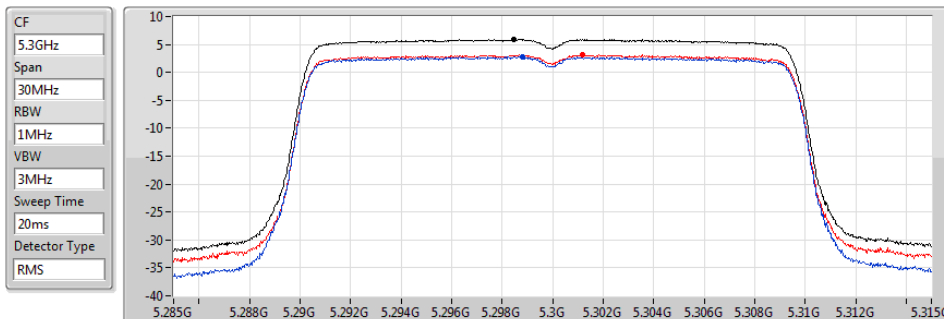
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.79	5.79	2.74	2.96

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5300MHz

07/11/2019



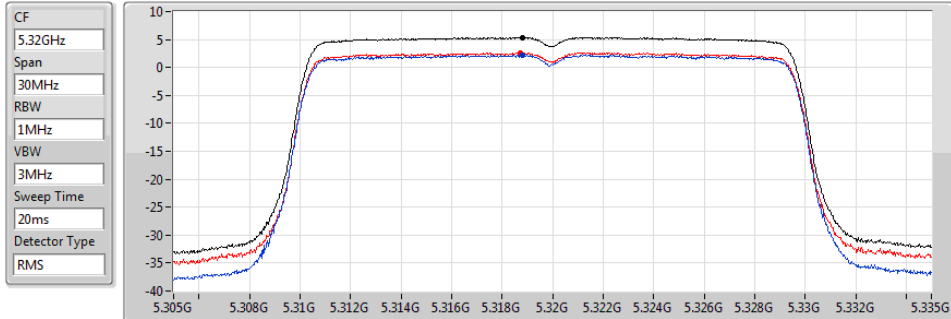
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.92	5.92	2.80	3.12

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5320MHz

07/11/2019



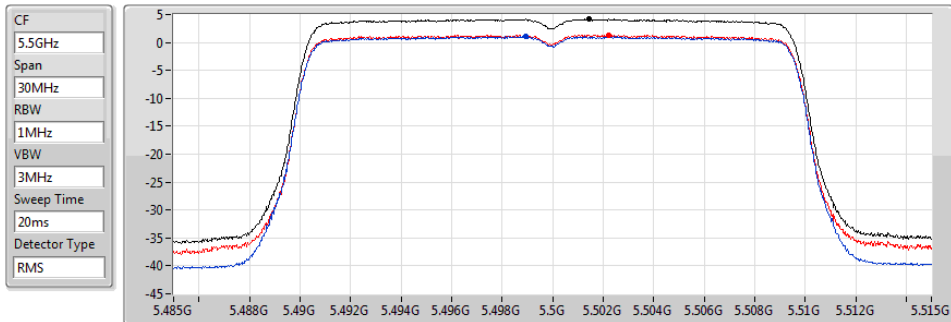
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.41	5.41	2.25	2.62

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5500MHz

07/11/2019



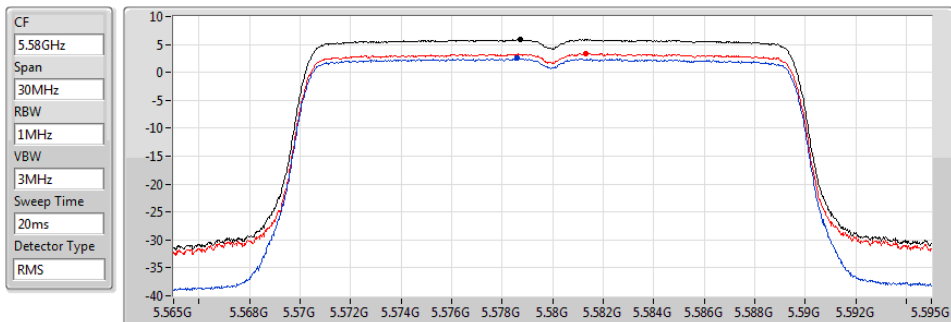
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.15	4.15	1.11	1.33

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5580MHz

07/11/2019



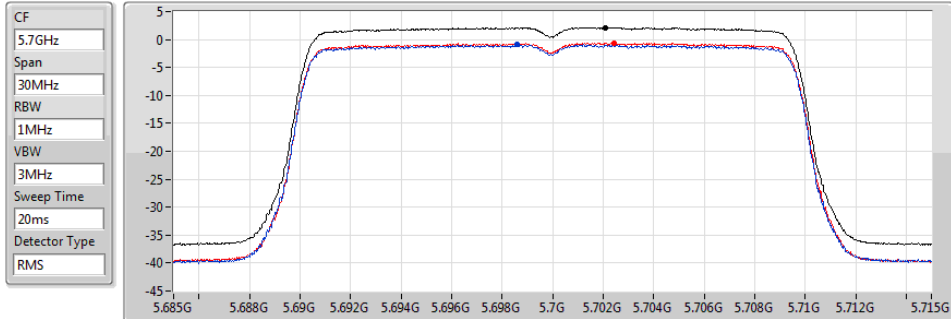
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.87	5.87	2.49	3.35

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5700MHz

07/11/2019



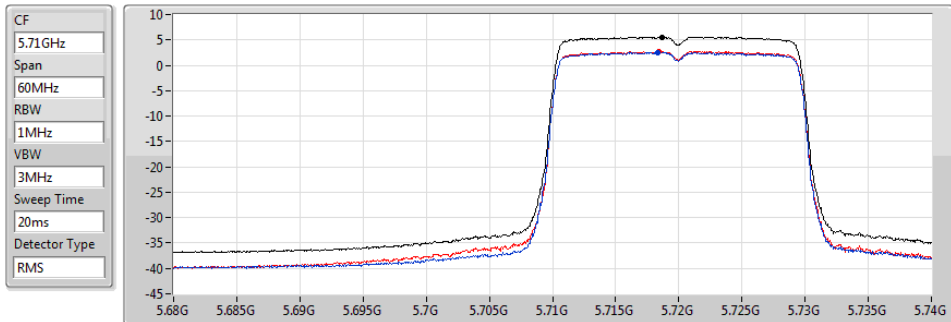
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.15	2.15	-0.91	-0.65

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

07/11/2019



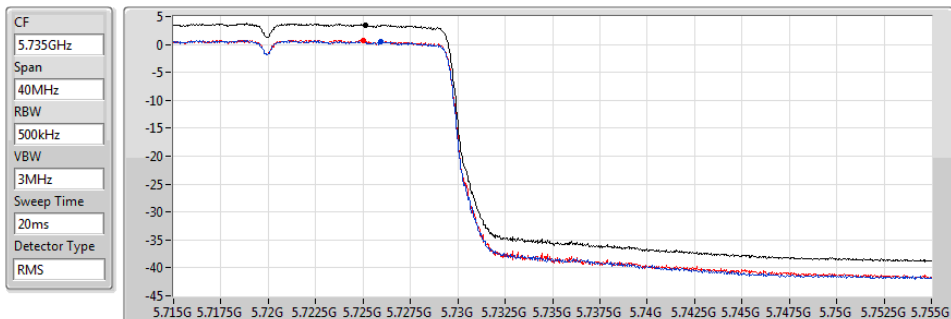
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.57	5.57	2.51	2.71

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

07/11/2019



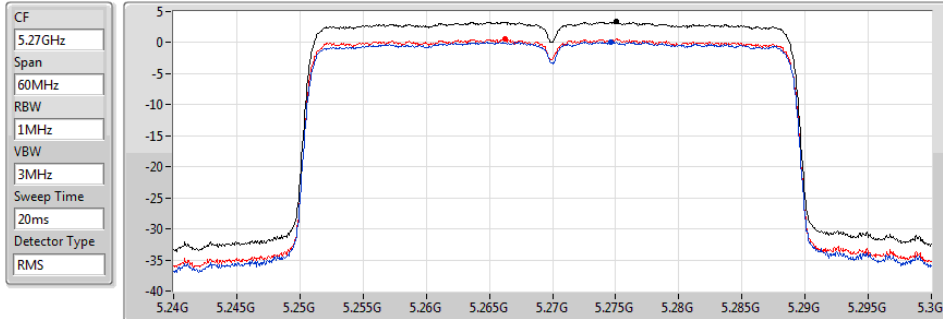
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.51	3.51	0.42	0.65

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5270MHz

07/11/2019



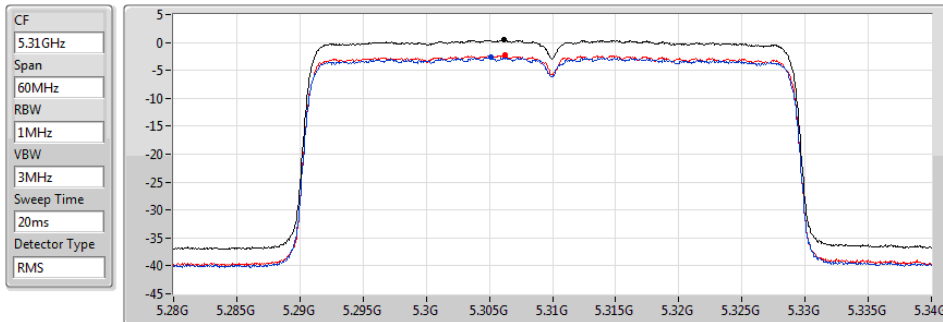
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.34	3.34	0.14	0.63

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5310MHz

07/11/2019



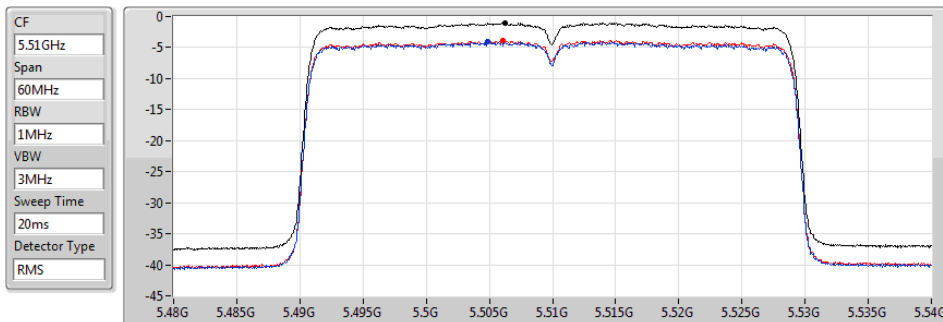
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.43	0.43	-2.67	-2.22

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5510MHz

07/11/2019



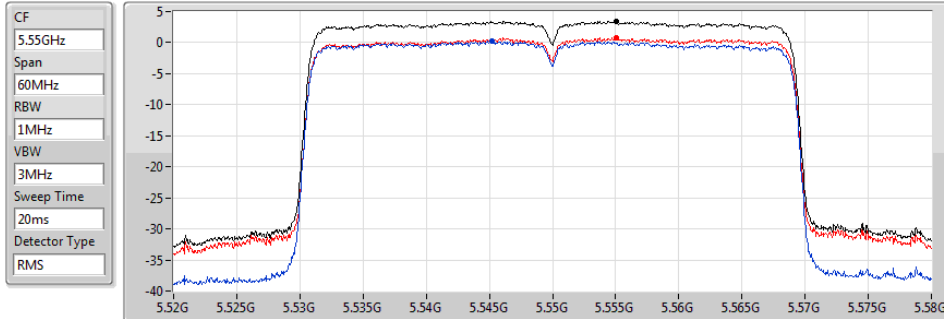
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.02	-1.02	-4.03	-3.82

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5550MHz

07/11/2019



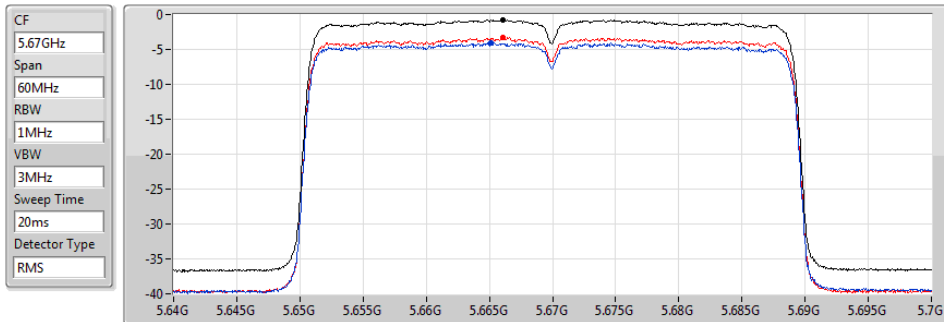
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.41	3.41	0.18	0.79

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5670MHz

07/11/2019



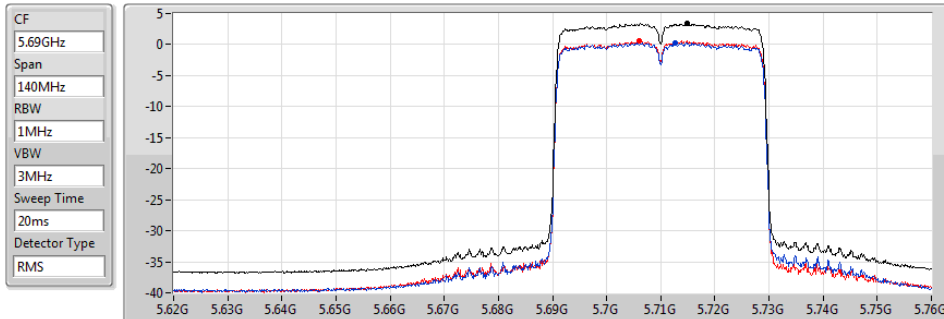
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.73	-0.73	-4.02	-3.27

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

07/11/2019



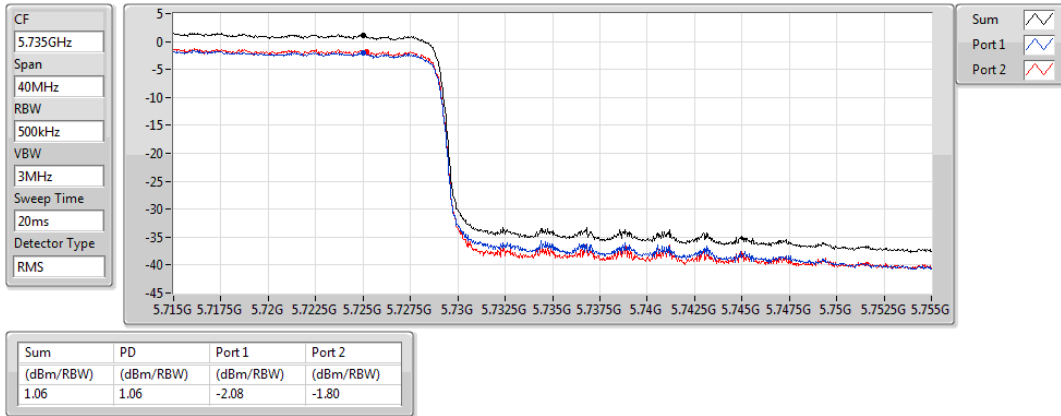
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.38	3.38	0.30	0.62

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

07/11/2019

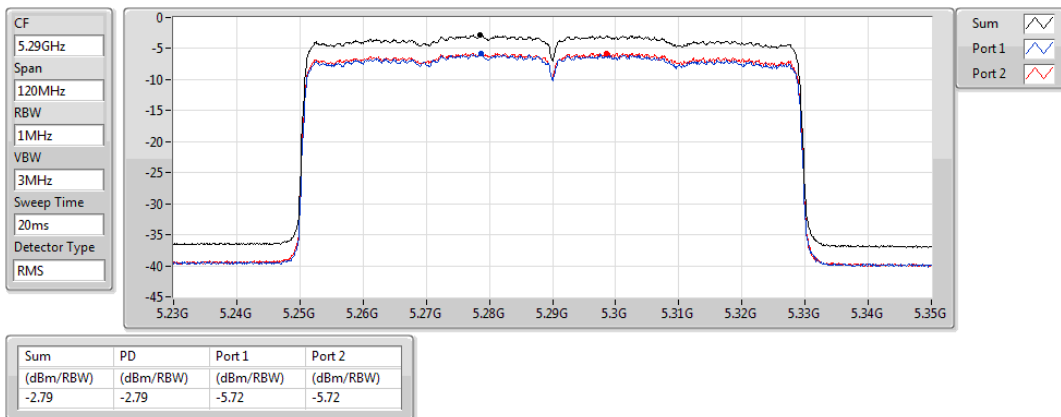


802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5290MHz

02/11/2019

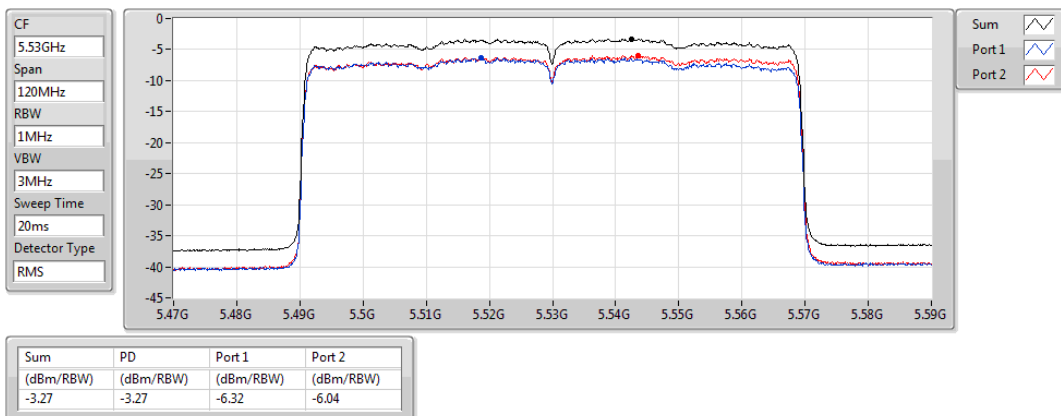


802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5530MHz

07/11/2019

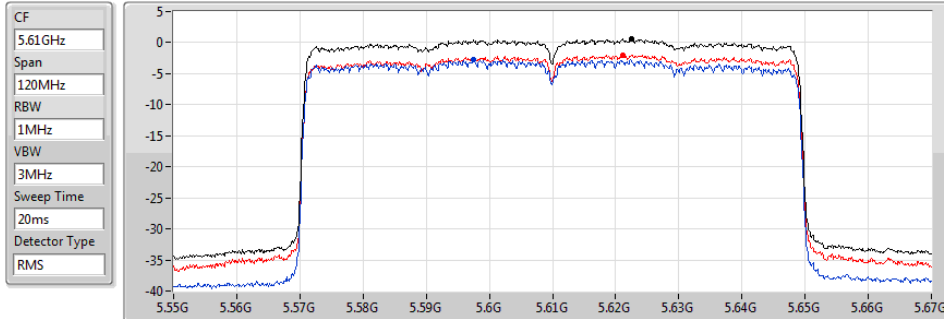


802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5610MHz

07/11/2019



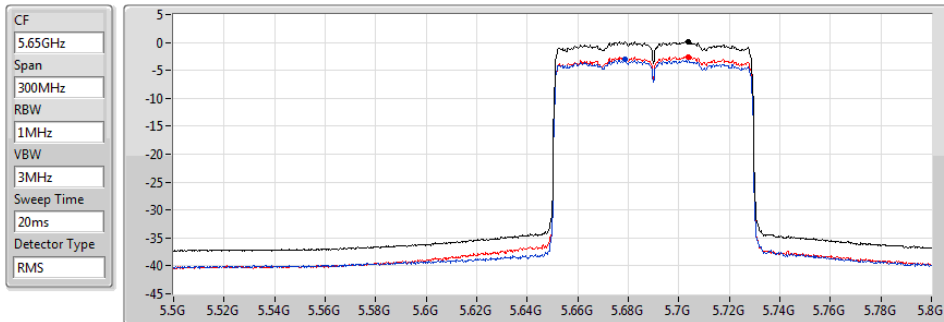
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.54	0.54	-2.68	-2.00

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

07/11/2019



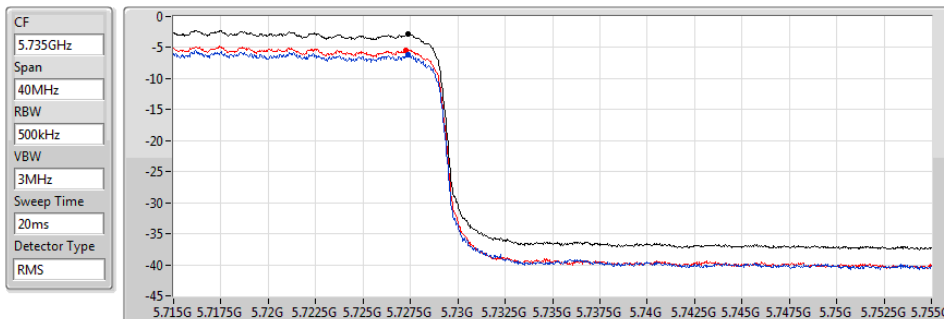
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.15	0.15	-3.08	-2.55

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

07/11/2019



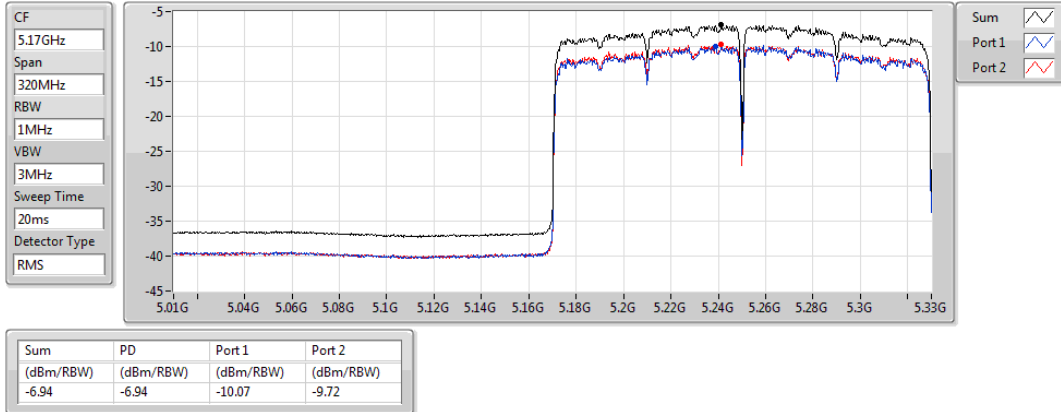
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.78	-2.78	-6.15	-5.37

802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

07/11/2019

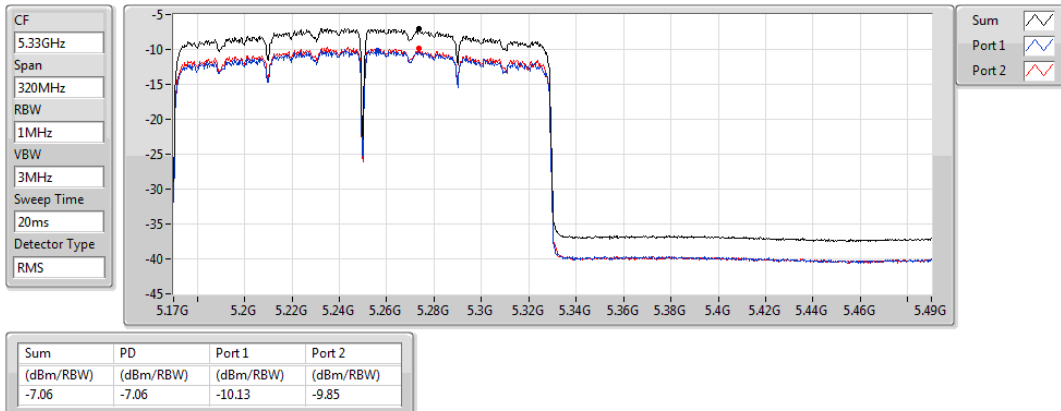


802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

07/11/2019

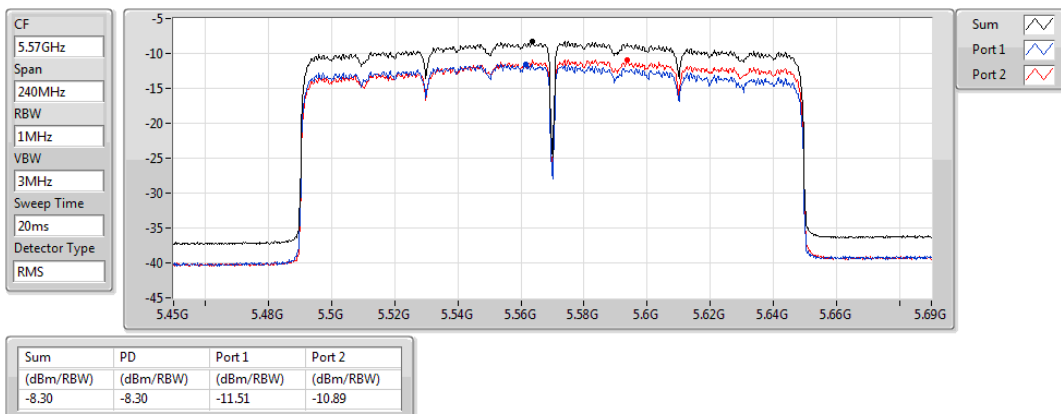


802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5570MHz

07/11/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160_Nss1,(MCS0)_4TX	-5.86
802.11ax HEW160_Nss1,(MCS0)_4TX	-5.98
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	0.24
802.11ac VHT20_Nss1,(MCS0)_4TX	-0.13
802.11ac VHT40_Nss1,(MCS0)_4TX	-0.01
802.11ac VHT80_Nss1,(MCS0)_4TX	-2.56
802.11ac VHT160_Nss1,(MCS0)_4TX	-5.99
802.11ax HEW20_Nss1,(MCS0)_4TX	0.22
802.11ax HEW40_Nss1,(MCS0)_4TX	0.26
802.11ax HEW80_Nss1,(MCS0)_4TX	-2.47
802.11ax HEW160_Nss1,(MCS0)_4TX	-5.96
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	0.24
802.11ac VHT20_Nss1,(MCS0)_4TX	-0.02
802.11ac VHT40_Nss1,(MCS0)_4TX	0.23
802.11ac VHT80_Nss1,(MCS0)_4TX	0.09
802.11ac VHT160_Nss1,(MCS0)_4TX	-4.82
802.11ax HEW20_Nss1,(MCS0)_4TX	0.25
802.11ax HEW40_Nss1,(MCS0)_4TX	0.23
802.11ax HEW80_Nss1,(MCS0)_4TX	0.18
802.11ax HEW160_Nss1,(MCS0)_4TX	-4.82
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	-1.75
802.11ac VHT20_Nss1,(MCS0)_4TX	-1.84
802.11ac VHT40_Nss1,(MCS0)_4TX	-1.79
802.11ac VHT80_Nss1,(MCS0)_4TX	-2.55
802.11ax HEW20_Nss1,(MCS0)_4TX	-1.59
802.11ax HEW40_Nss1,(MCS0)_4TX	-1.79
802.11ax HEW80_Nss1,(MCS0)_4TX	-2.57

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	16.72	-6.11	-5.83	-5.54	-5.27	0.24	0.28
5300MHz	Pass	16.72	-6.17	-5.68	-5.30	-5.97	0.15	0.28
5320MHz	Pass	16.72	-5.97	-5.51	-5.38	-6.00	0.20	0.28
5500MHz	Pass	16.72	-6.03	-5.65	-5.50	-5.90	0.17	0.28
5580MHz	Pass	16.72	-6.45	-5.52	-5.19	-5.41	0.24	0.28
5700MHz	Pass	16.72	-6.14	-5.70	-5.55	-5.52	0.19	0.28
5720MHz Straddle 5.47-5.725GHz	Pass	16.72	-6.05	-5.83	-5.64	-5.60	0.14	0.28
5720MHz Straddle 5.725-5.85GHz	Pass	16.72	-8.07	-7.65	-7.31	-7.49	-1.75	19.28
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	16.72	-6.70	-6.14	-5.85	-5.75	-0.17	0.28
5300MHz	Pass	16.72	-6.56	-6.09	-5.71	-6.32	-0.20	0.28
5320MHz	Pass	16.72	-6.34	-5.93	-5.66	-6.16	-0.13	0.28
5500MHz	Pass	16.72	-6.41	-5.86	-5.71	-6.00	-0.08	0.28
5580MHz	Pass	16.72	-6.82	-5.79	-5.49	-5.74	-0.02	0.28
5700MHz	Pass	16.72	-6.62	-6.09	-5.87	-6.09	-0.18	0.28
5720MHz Straddle 5.47-5.725GHz	Pass	16.72	-6.50	-6.09	-5.77	-6.00	-0.14	0.28
5720MHz Straddle 5.725-5.85GHz	Pass	16.72	-8.20	-7.81	-7.57	-7.63	-1.84	19.28
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	16.72	-6.60	-6.25	-6.05	-5.67	-0.22	0.28
5310MHz	Pass	16.72	-6.29	-5.91	-5.70	-5.81	-0.01	0.28
5510MHz	Pass	16.72	-6.26	-5.87	-5.87	-6.04	-0.12	0.28
5550MHz	Pass	16.72	-6.05	-5.61	-5.45	-5.75	0.20	0.28
5670MHz	Pass	16.72	-6.45	-5.50	-5.94	-5.56	0.03	0.28
5710MHz Straddle 5.47-5.725GHz	Pass	16.72	-6.04	-5.74	-5.71	-5.35	0.23	0.28
5710MHz Straddle 5.725-5.85GHz	Pass	16.72	-8.07	-7.76	-7.67	-7.34	-1.79	19.28
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	16.72	-8.81	-8.67	-8.15	-8.22	-2.56	0.28
5530MHz	Pass	16.72	-6.08	-5.61	-5.98	-5.65	0.09	0.28
5610MHz	Pass	16.72	-6.50	-5.32	-6.20	-6.20	-0.15	0.28
5690MHz Straddle 5.47-5.725GHz	Pass	16.72	-6.41	-5.91	-5.92	-5.61	0.00	0.28
5690MHz Straddle 5.725-5.85GHz	Pass	16.72	-9.15	-8.40	-8.37	-8.02	-2.55	19.28
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	16.72	-12.30	-11.98	-11.29	-11.80	-5.86	6.28
5250MHz Straddle 5.25-5.35GHz	Pass	16.72	-12.16	-12.12	-11.55	-11.91	-5.99	0.28
5570MHz	Pass	16.72	-10.92	-10.36	-10.64	-10.63	-4.82	0.28
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	16.72	-6.29	-5.95	-5.46	-5.39	0.18	0.28
5300MHz	Pass	16.72	-6.17	-5.75	-5.35	-5.98	0.16	0.28
5320MHz	Pass	16.72	-6.09	-5.72	-5.39	-5.87	0.22	0.28
5500MHz	Pass	16.72	-6.12	-5.61	-5.49	-5.74	0.20	0.28
5580MHz	Pass	16.72	-6.53	-5.57	-5.24	-5.43	0.25	0.28
5700MHz	Pass	16.72	-6.26	-5.81	-5.55	-5.57	0.14	0.28
5720MHz Straddle 5.47-5.725GHz	Pass	16.72	-6.05	-5.79	-5.51	-5.64	0.21	0.28

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)
5720MHz Straddle 5.725-5.85GHz	Pass	16.72	-7.95	-7.51	-7.40	-7.38	-1.59	19.28
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	16.72	-6.37	-6.03	-5.64	-5.38	0.11	0.28
5310MHz	Pass	16.72	-6.03	-5.65	-5.41	-5.59	0.26	0.28
5510MHz	Pass	16.72	-5.83	-5.78	-5.81	-5.81	0.19	0.28
5550MHz	Pass	16.72	-5.88	-5.44	-5.43	-5.91	0.19	0.28
5670MHz	Pass	16.72	-6.24	-5.71	-5.95	-5.50	0.06	0.28
5710MHz Straddle 5.47-5.725GHz	Pass	16.72	-5.95	-5.83	-5.71	-5.47	0.23	0.28
5710MHz Straddle 5.725-5.85GHz	Pass	16.72	-8.14	-7.95	-7.76	-7.37	-1.79	19.28
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	16.72	-8.61	-8.37	-8.22	-8.30	-2.47	0.28
5530MHz	Pass	16.72	-5.98	-5.60	-5.71	-5.67	0.18	0.28
5610MHz	Pass	16.72	-6.23	-5.22	-5.94	-5.95	0.09	0.28
5690MHz Straddle 5.47-5.725GHz	Pass	16.72	-6.26	-5.73	-5.87	-5.60	0.12	0.28
5690MHz Straddle 5.725-5.85GHz	Pass	16.72	-8.92	-8.51	-8.35	-8.38	-2.57	19.28
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	16.72	-12.10	-12.03	-11.25	-11.90	-5.98	6.28
5250MHz Straddle 5.25-5.35GHz	Pass	16.72	-12.32	-12.01	-11.34	-11.80	-5.96	0.28
5570MHz	Pass	16.72	-11.04	-10.10	-10.46	-10.58	-4.82	0.28

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

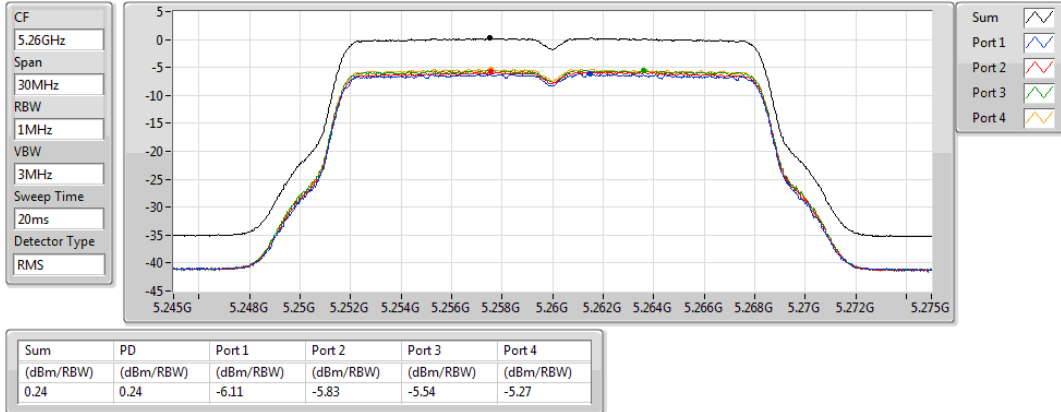
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

09/11/2019

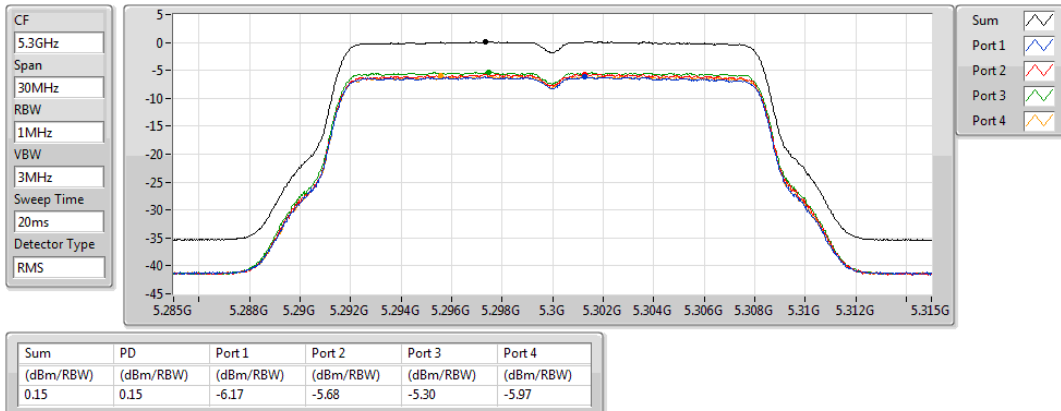


802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

09/11/2019

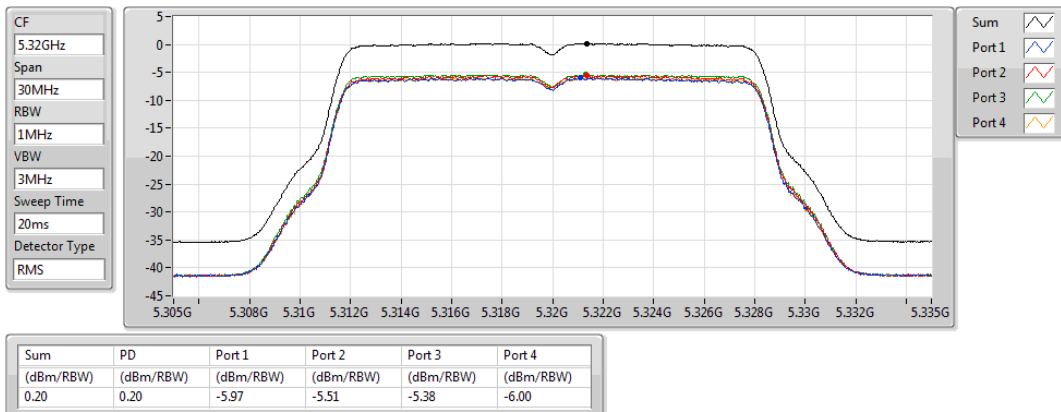


802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

09/11/2019

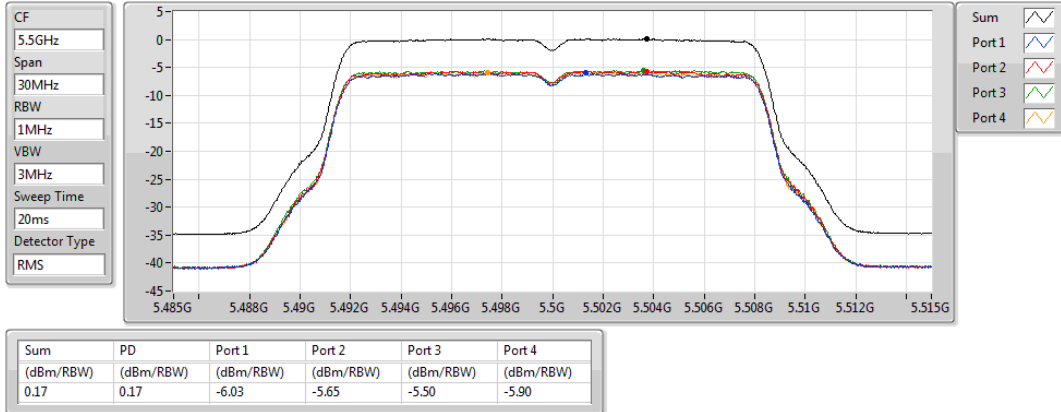


802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

09/11/2019

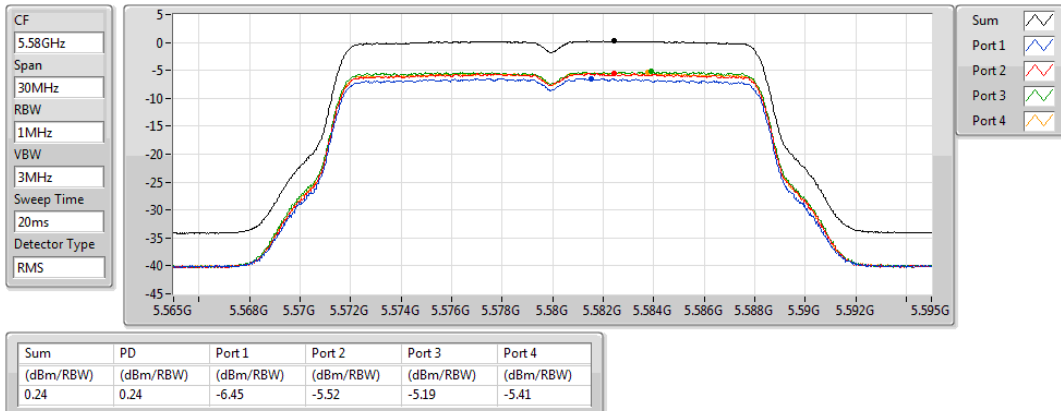


802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

09/11/2019

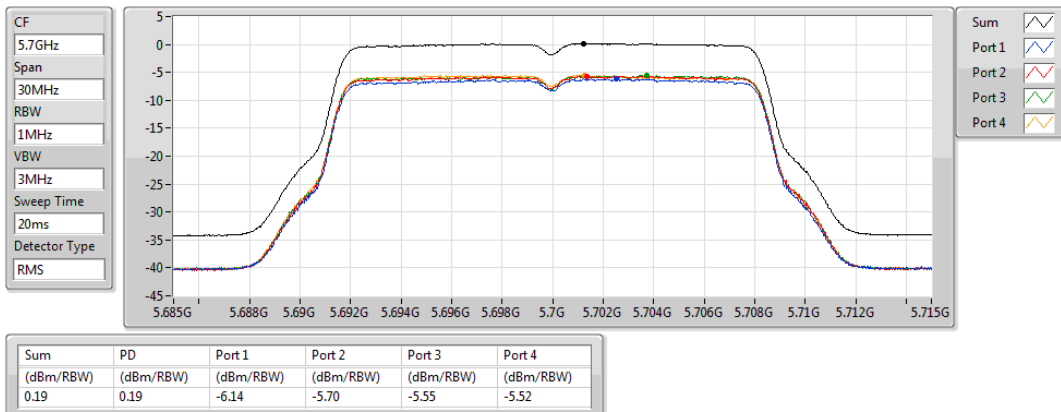


802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

09/11/2019

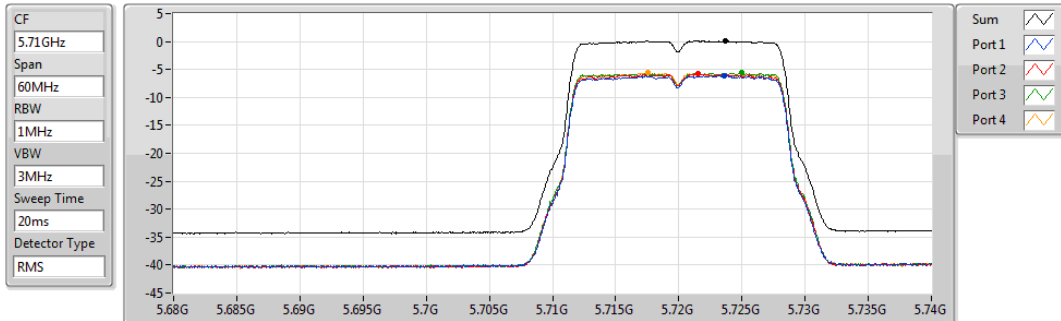


802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

09/11/2019



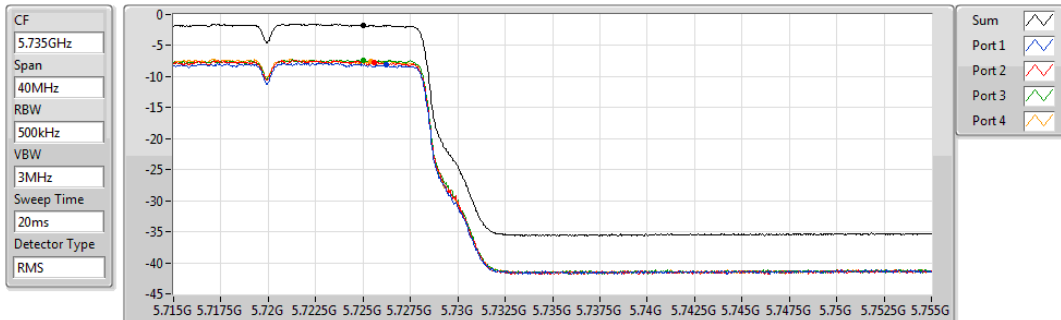
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.14	0.14	-6.05	-5.83	-5.64	-5.60

802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

09/11/2019



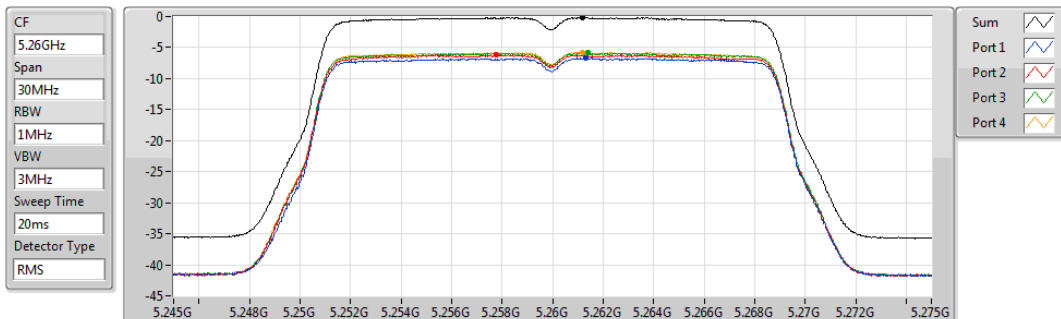
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.75	-1.75	-8.07	-7.65	-7.31	-7.49

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5260MHz

09/11/2019



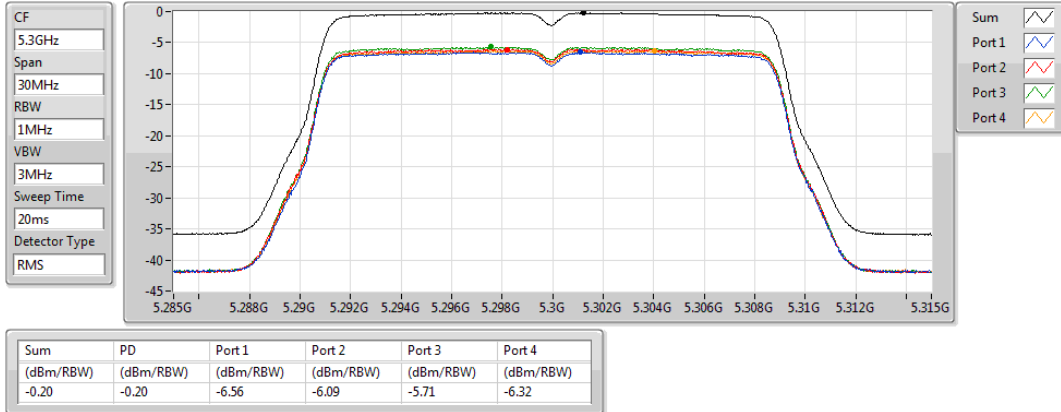
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.17	-0.17	-6.70	-6.14	-5.85	-5.75

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

09/11/2019

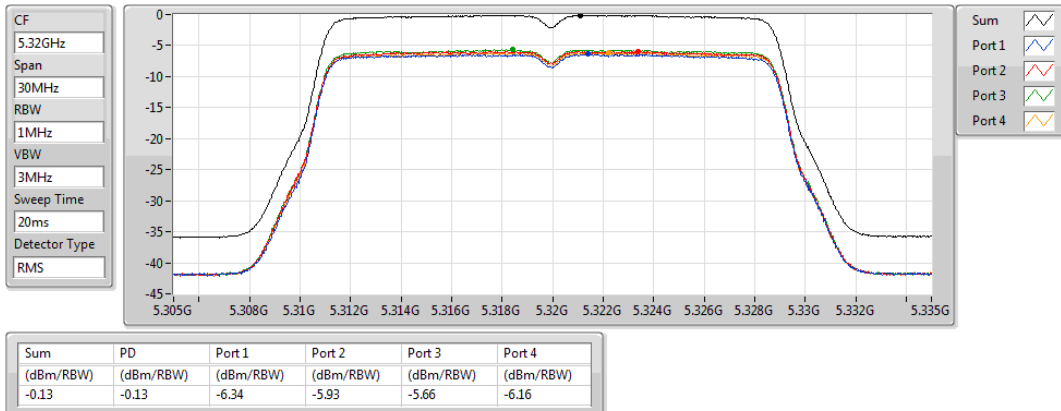


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

09/11/2019

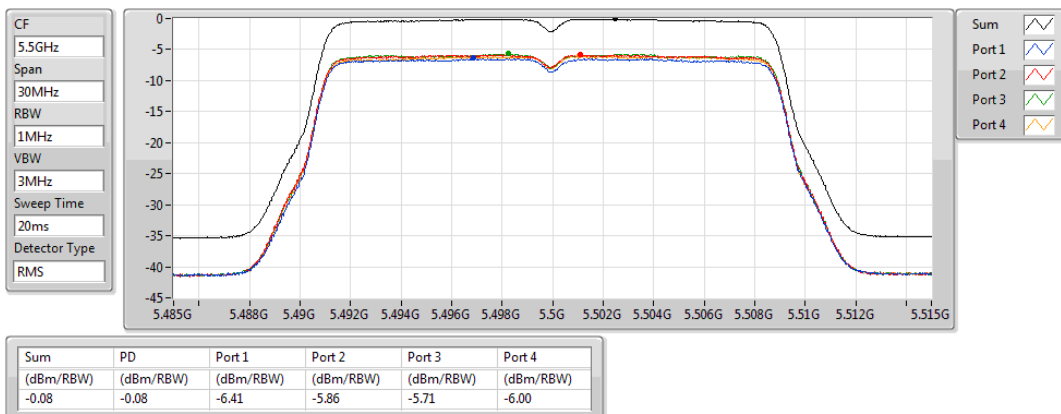


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

09/11/2019

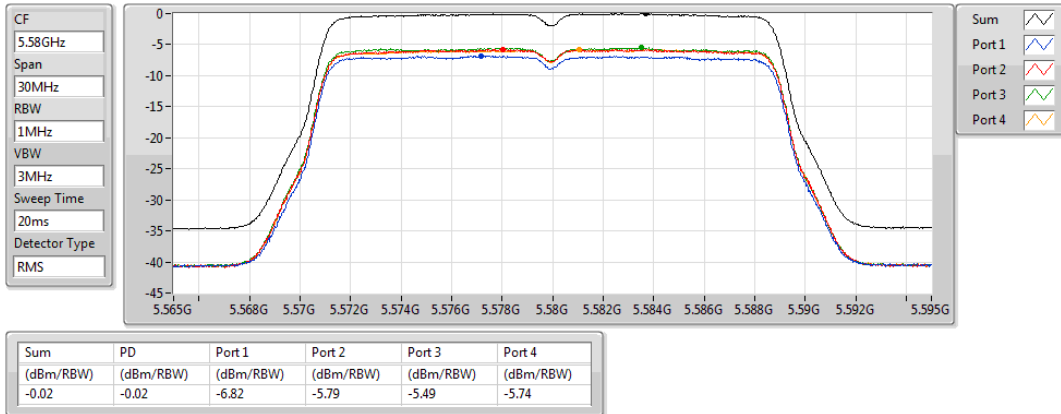


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

09/11/2019

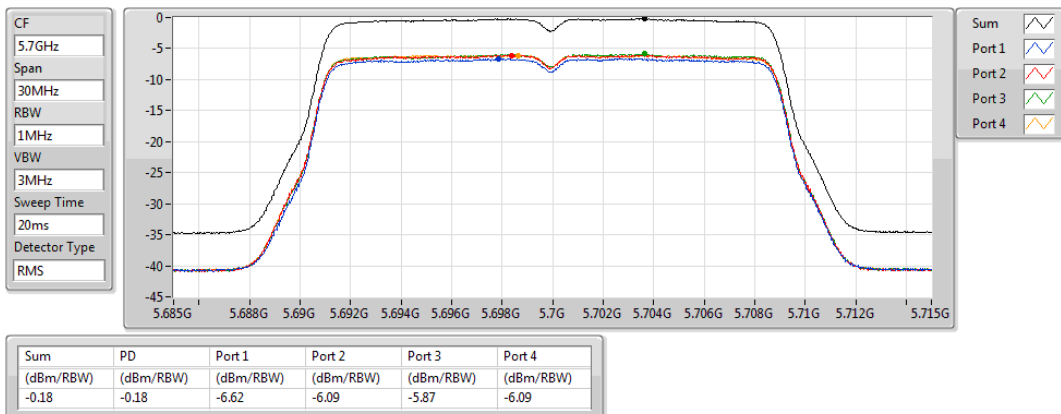


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5700MHz

09/11/2019

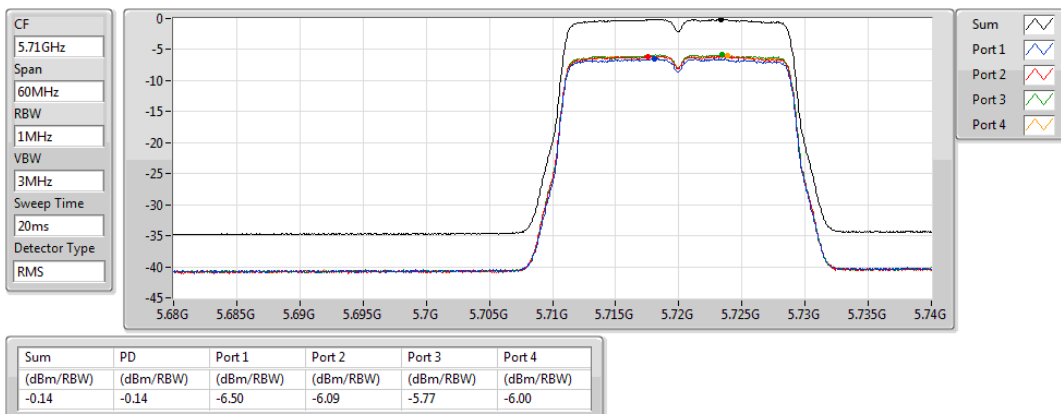


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

09/11/2019

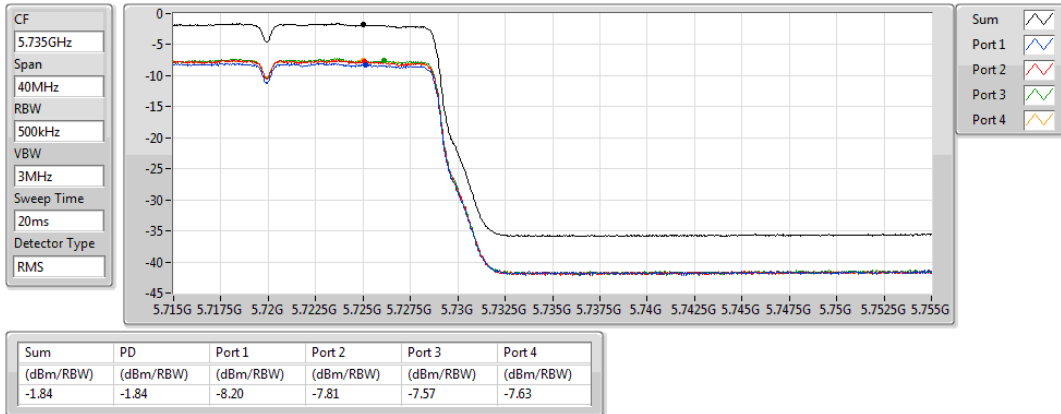


802.11ac VHT20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

09/11/2019

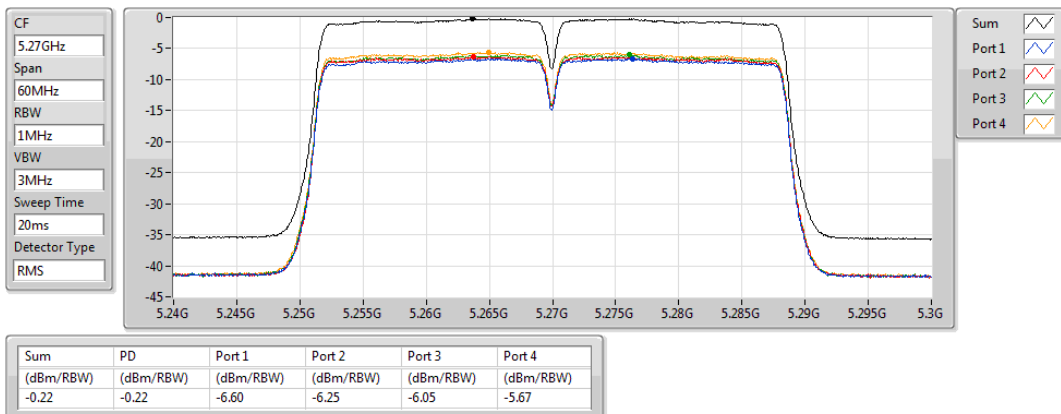


802.11ac VHT40_Nss1,(MCS0)_4TX

5270MHz

PSD

09/11/2019

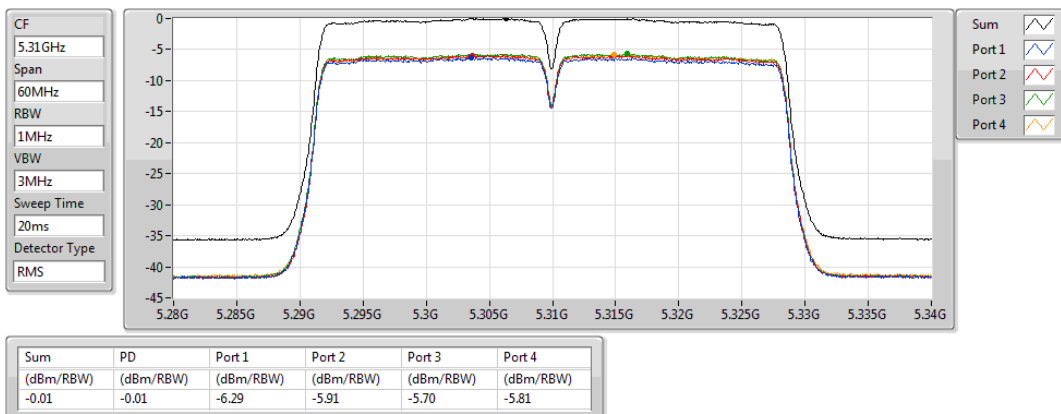


802.11ac VHT40_Nss1,(MCS0)_4TX

5310MHz

PSD

09/11/2019

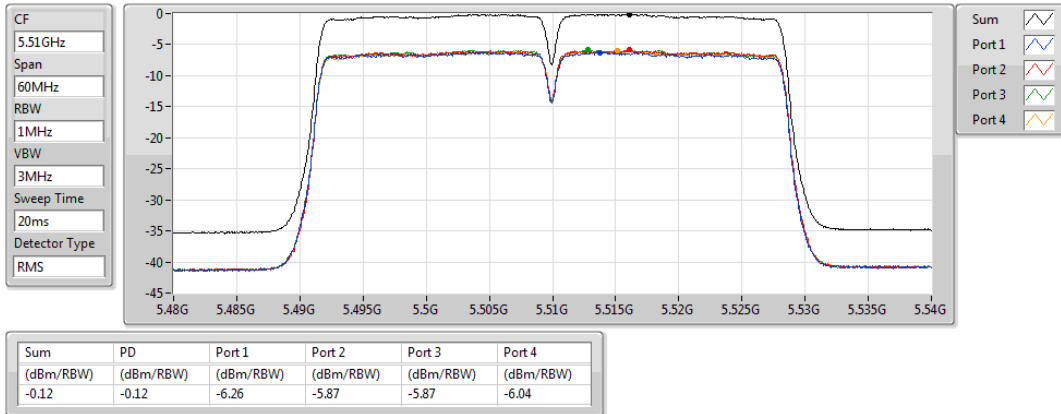


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

09/11/2019

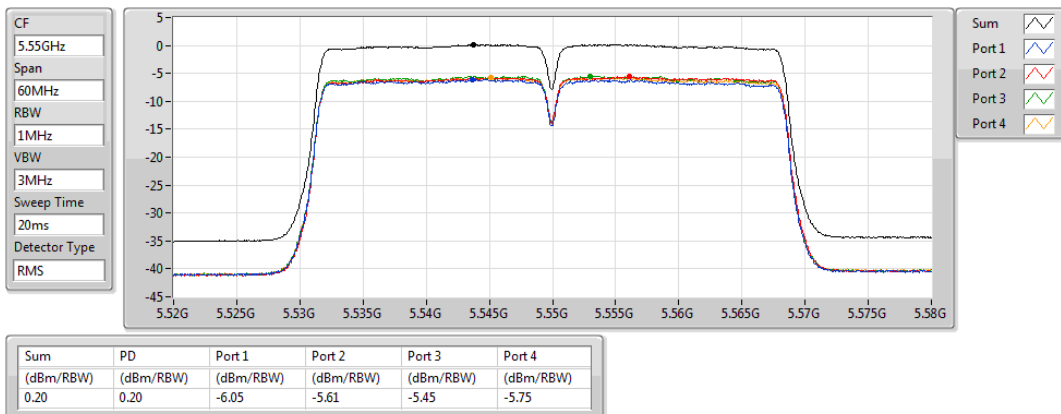


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

09/11/2019

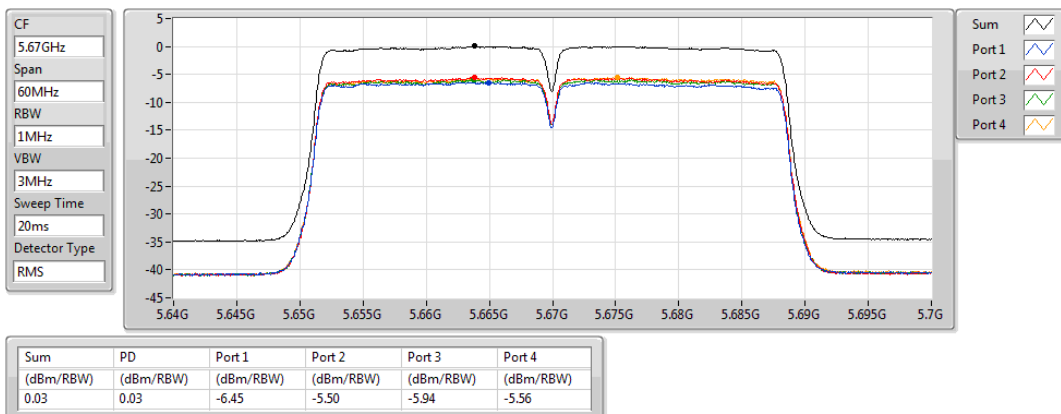


802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5670MHz

09/11/2019

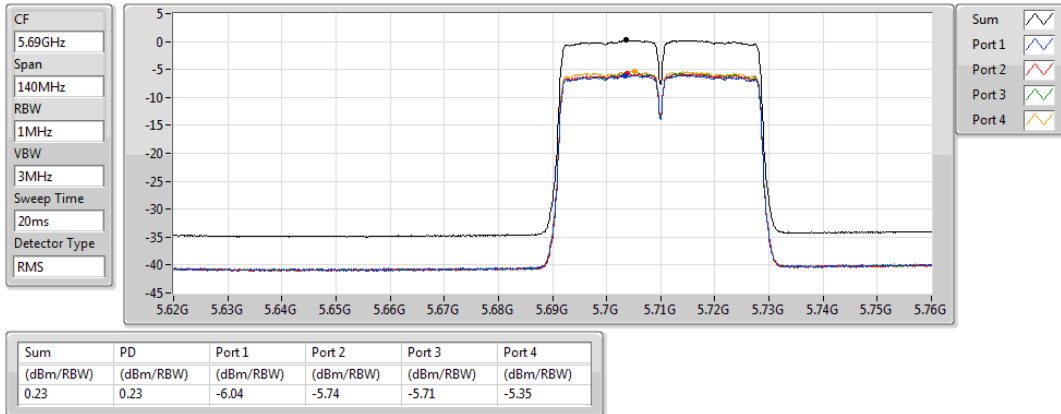


802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

PSD

09/11/2019

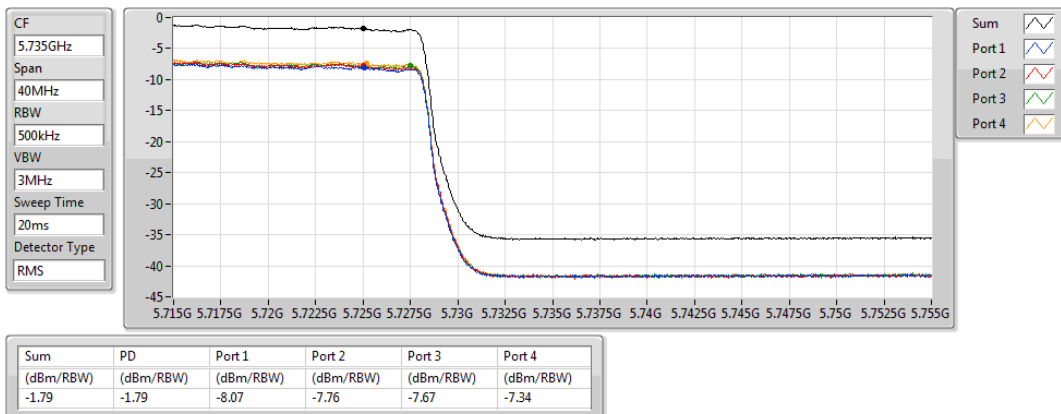


802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

09/11/2019

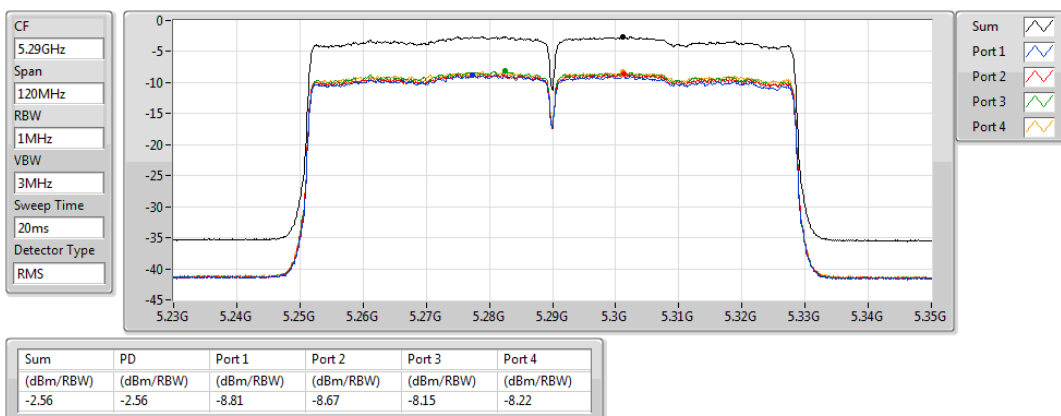


802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz

PSD

09/11/2019

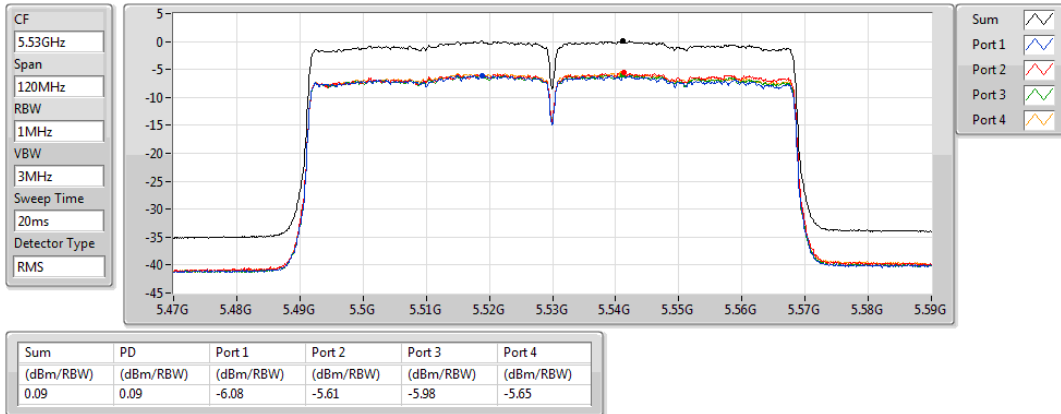


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

09/11/2019

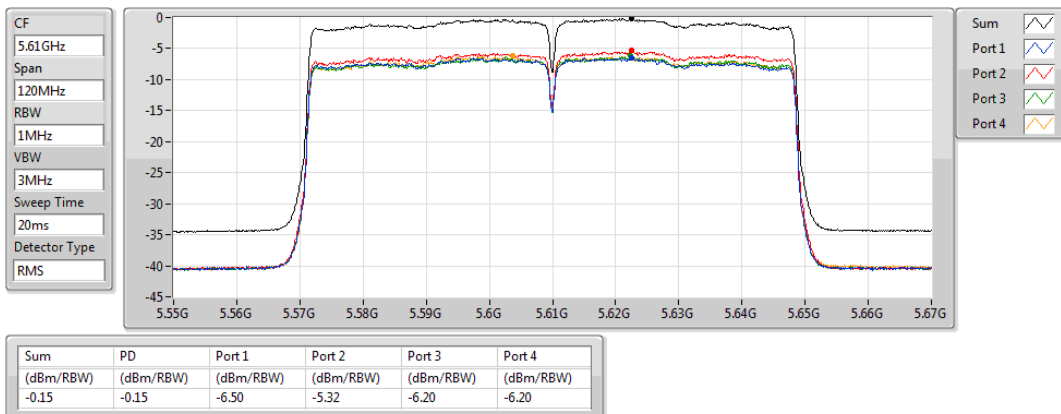


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

09/11/2019

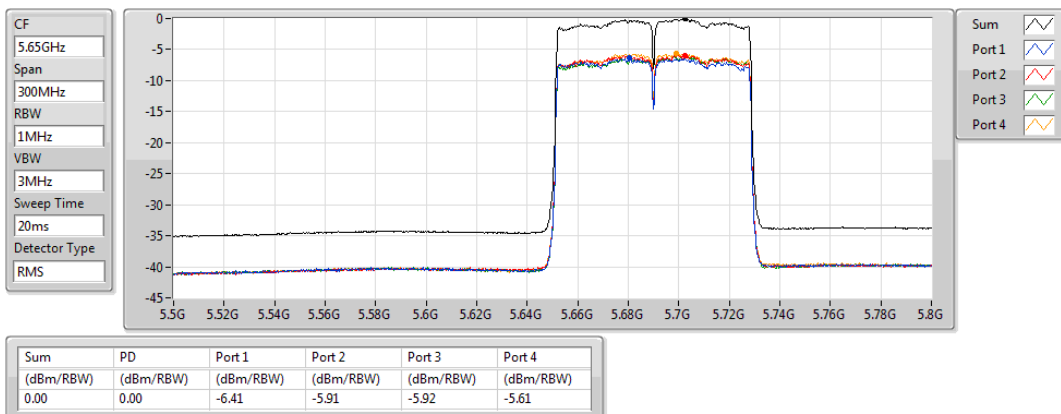


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

09/11/2019

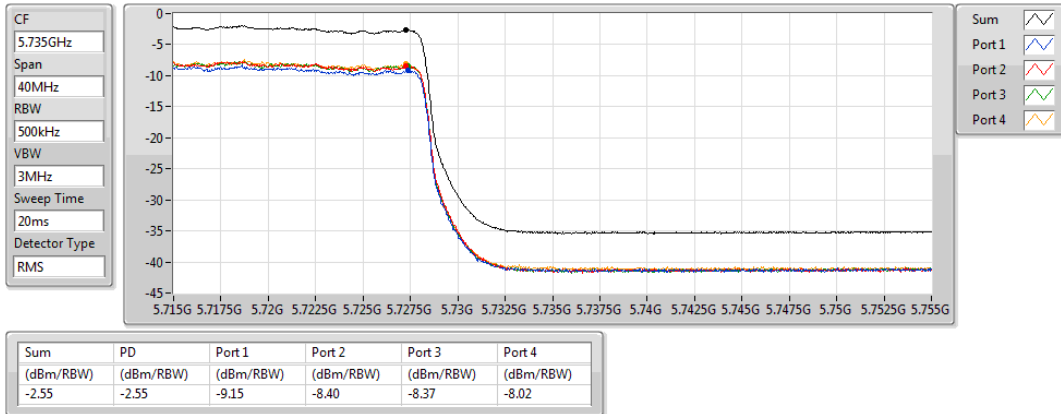


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

09/11/2019

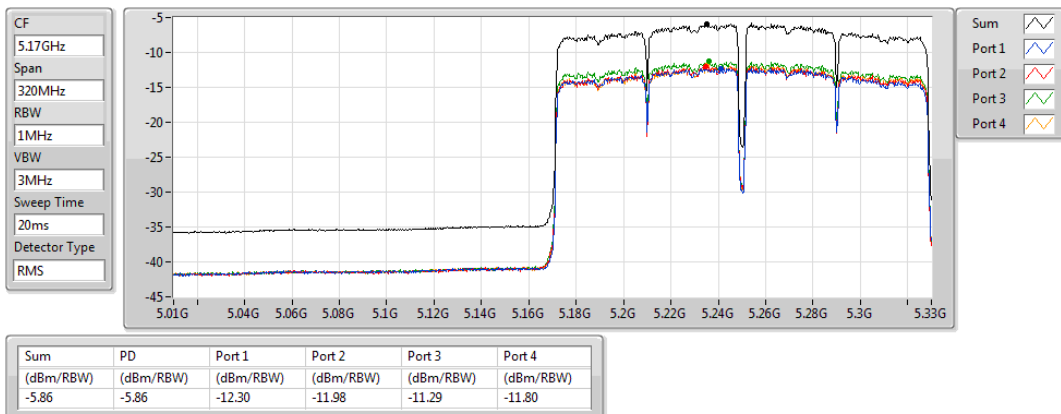


802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

09/11/2019

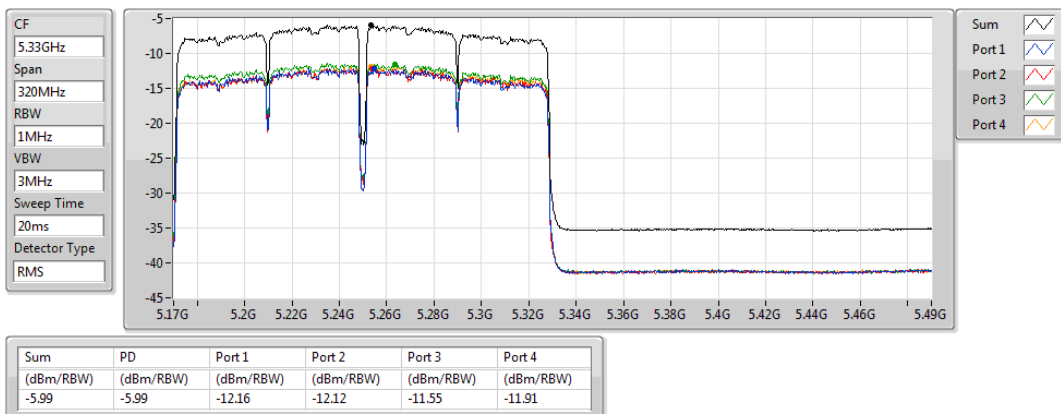


802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

09/11/2019

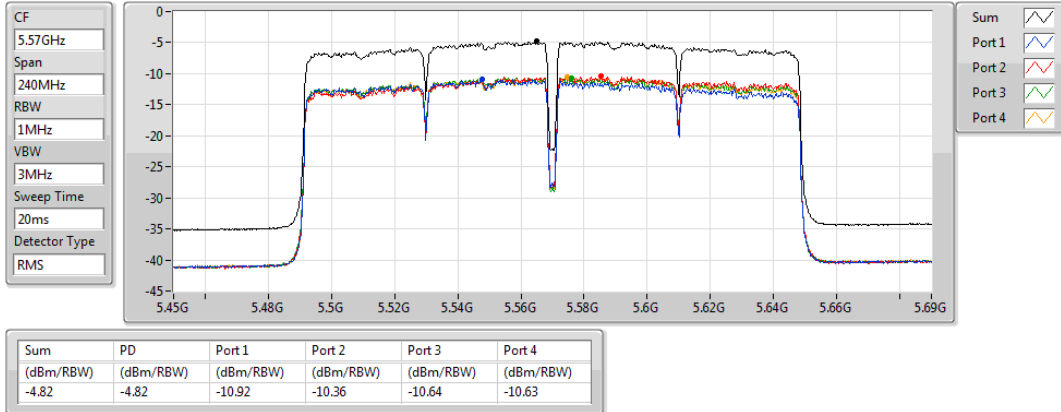


802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5570MHz

09/11/2019

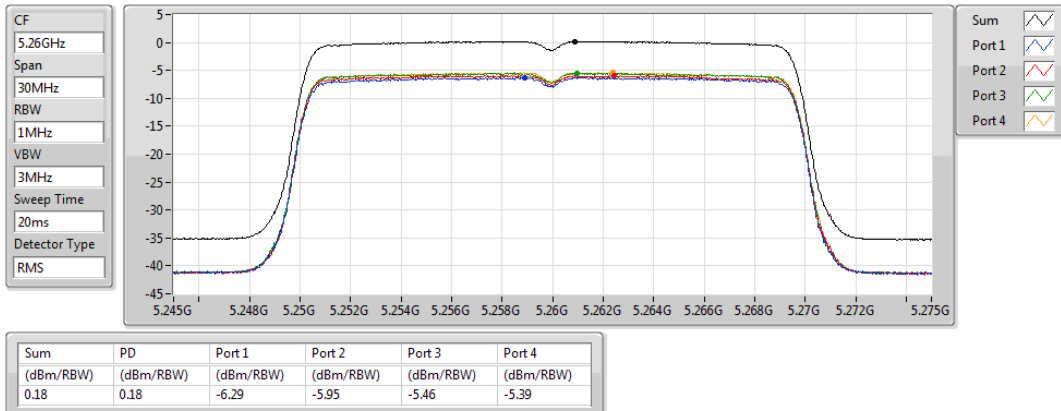


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

09/11/2019

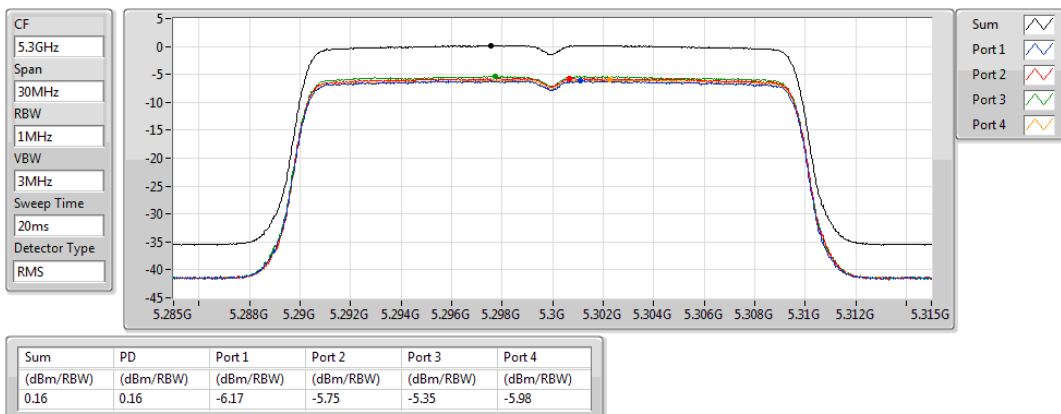


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

09/11/2019

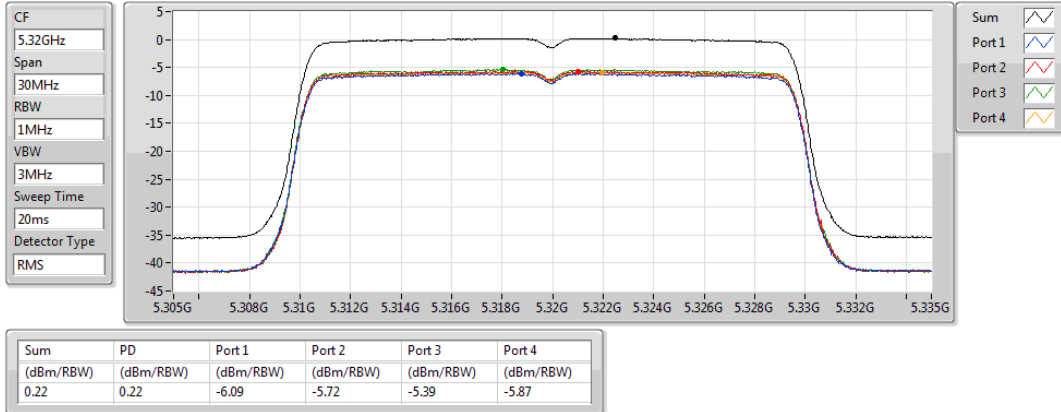


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

09/11/2019

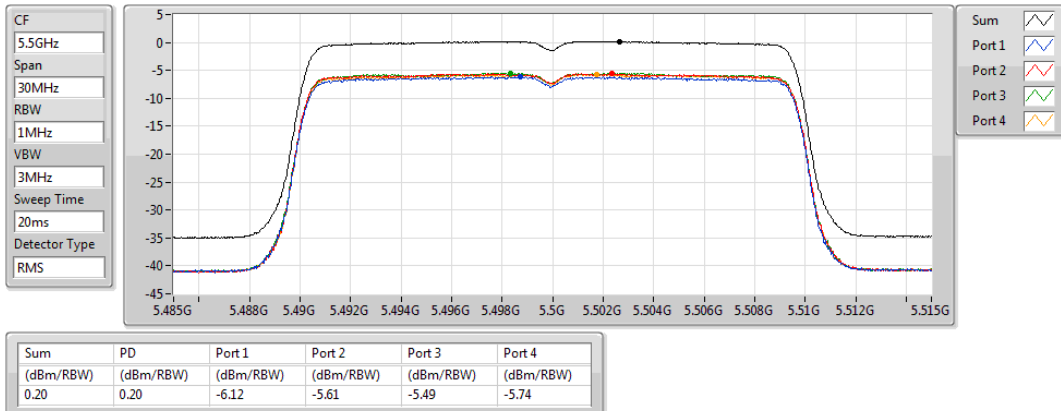


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

09/11/2019

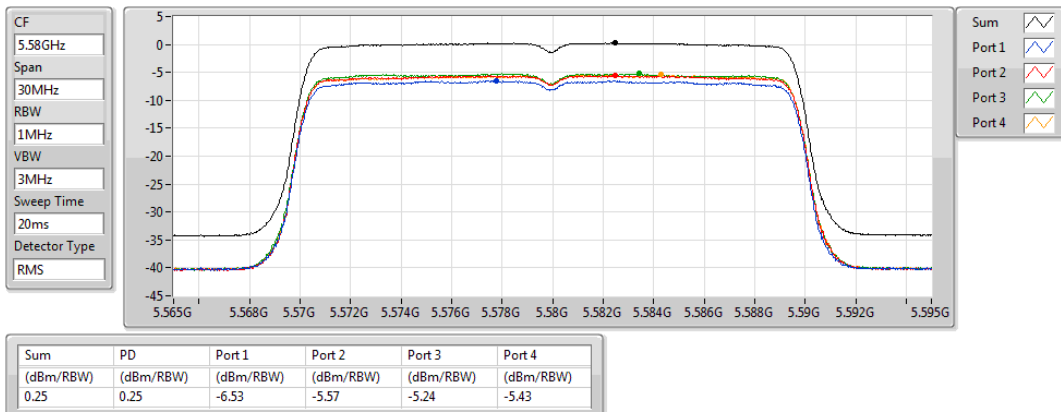


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

09/11/2019

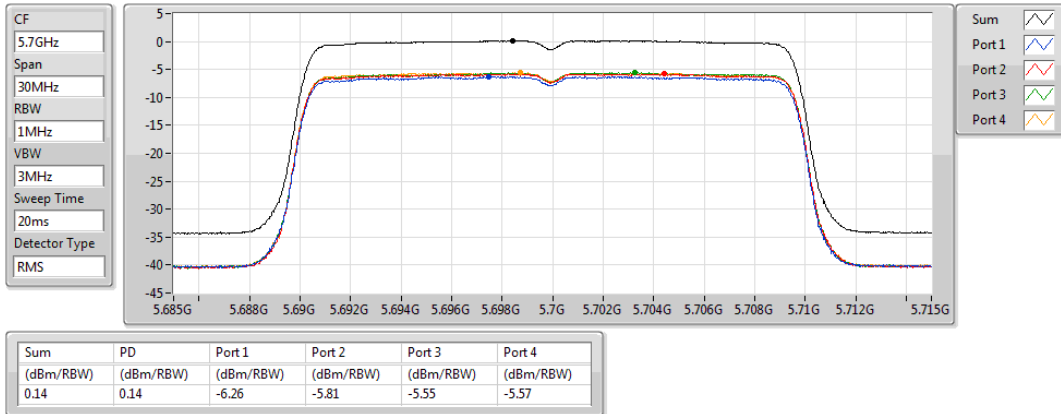


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

09/11/2019

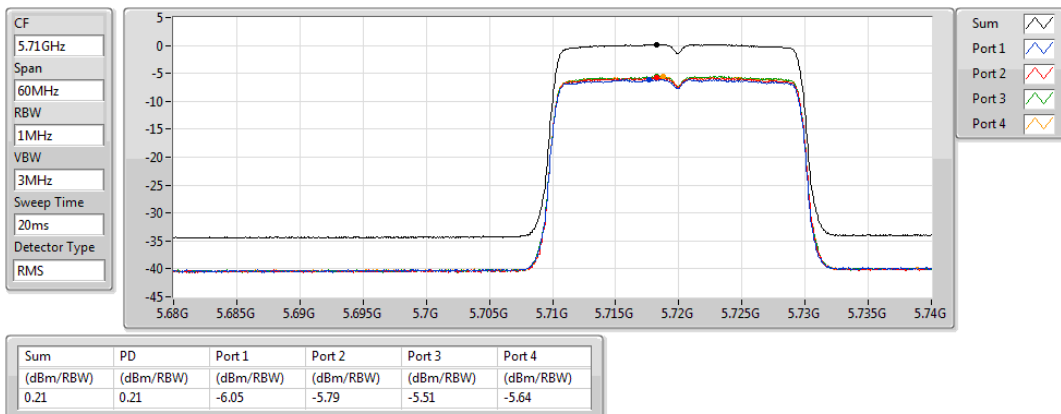


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

09/11/2019

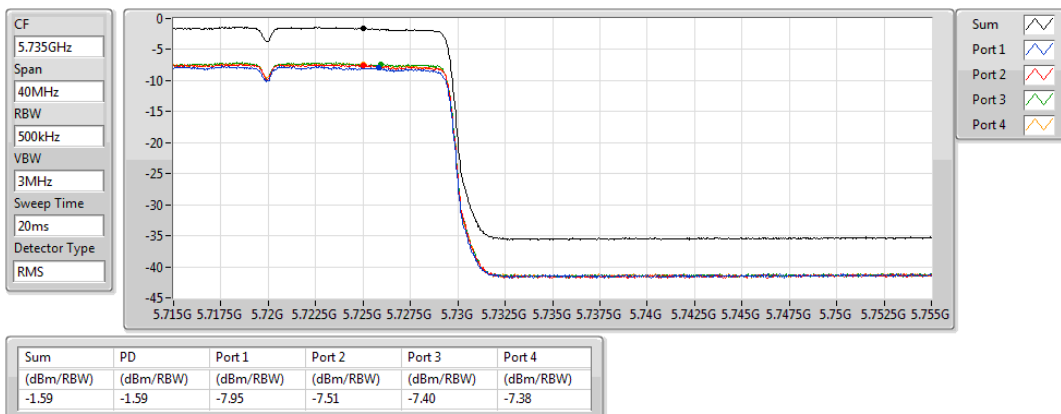


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

09/11/2019

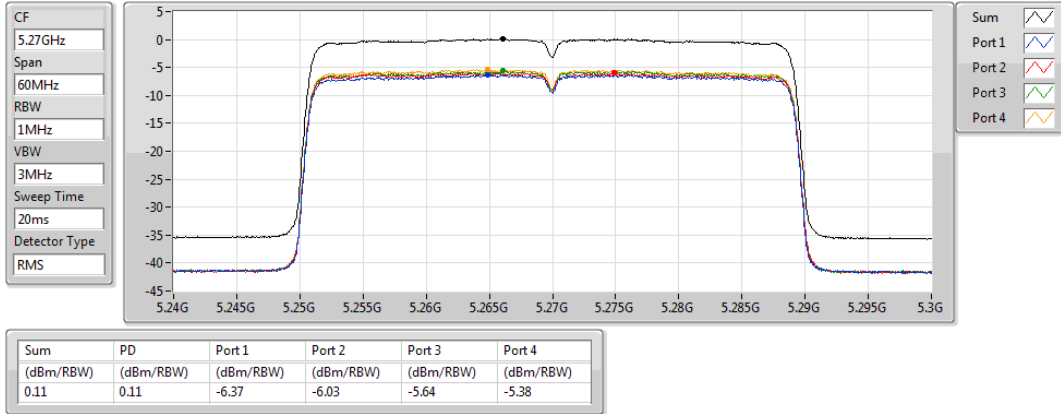


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

09/11/2019

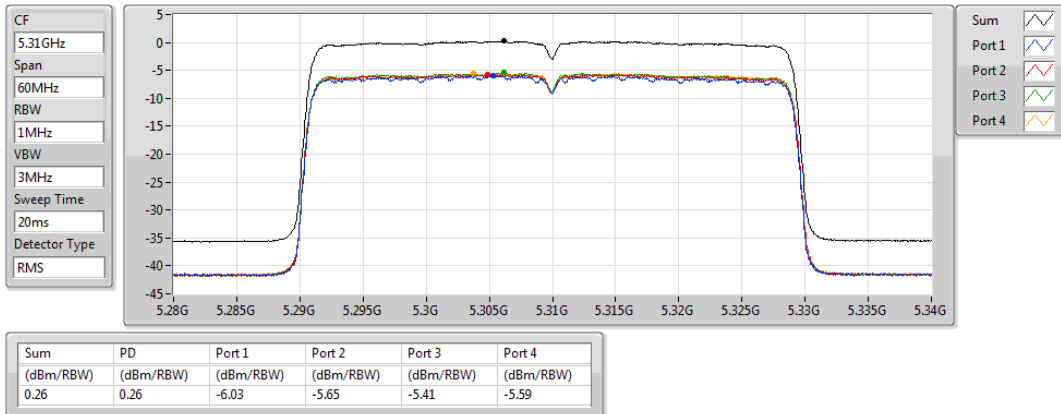


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

09/11/2019

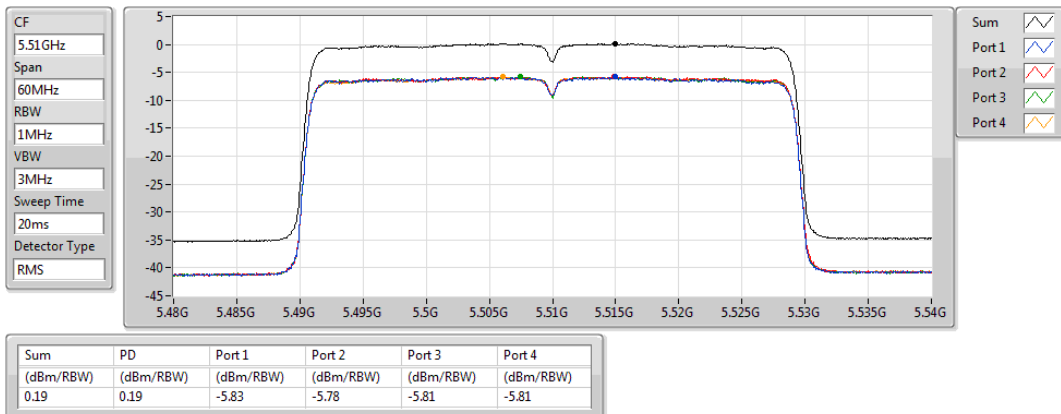


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

09/11/2019

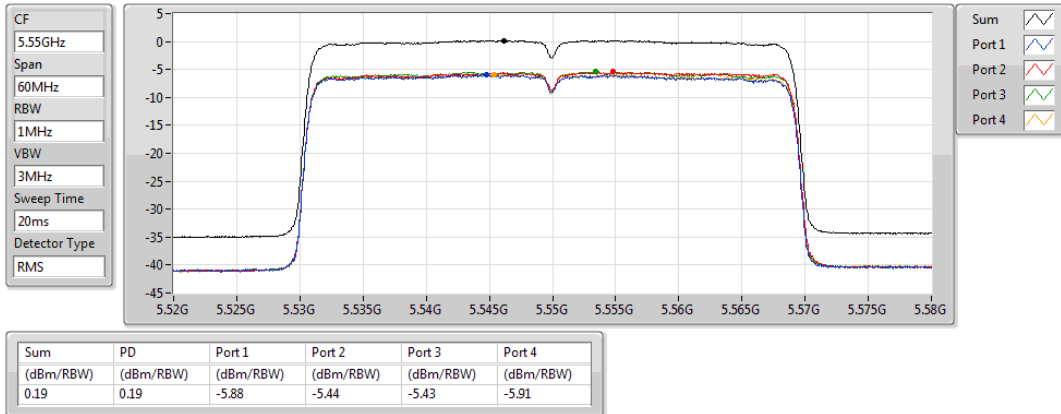


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

09/11/2019

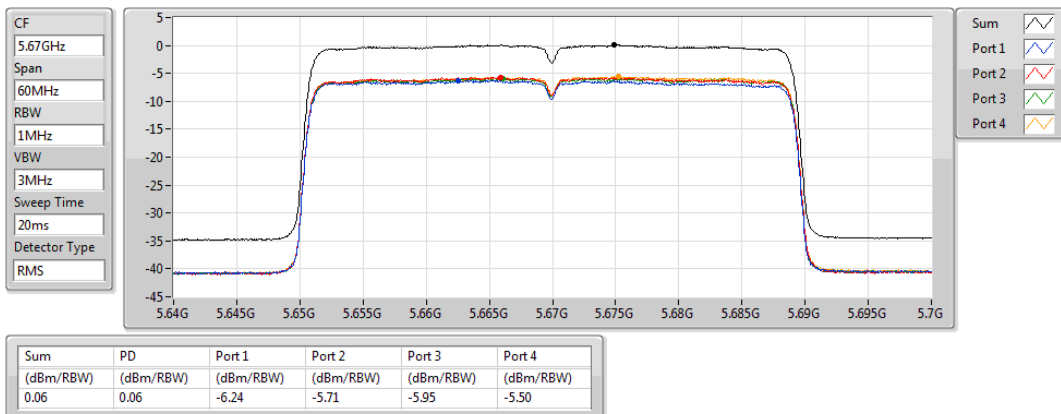


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

09/11/2019

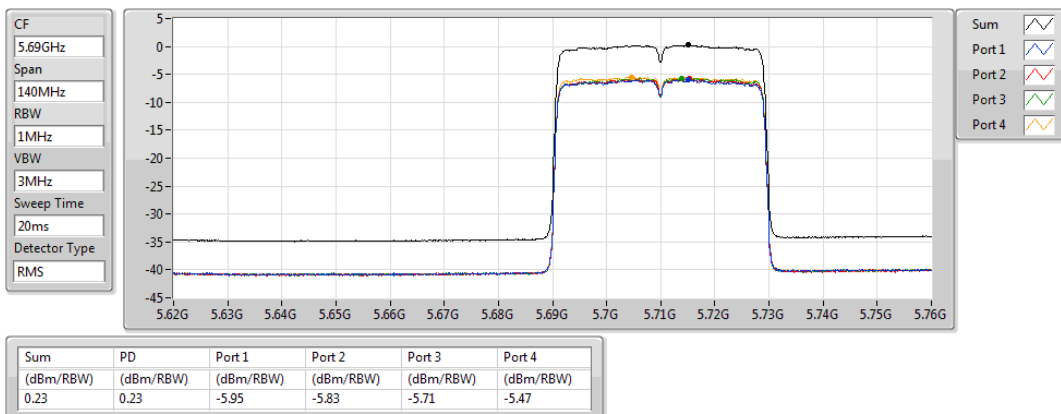


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

09/11/2019

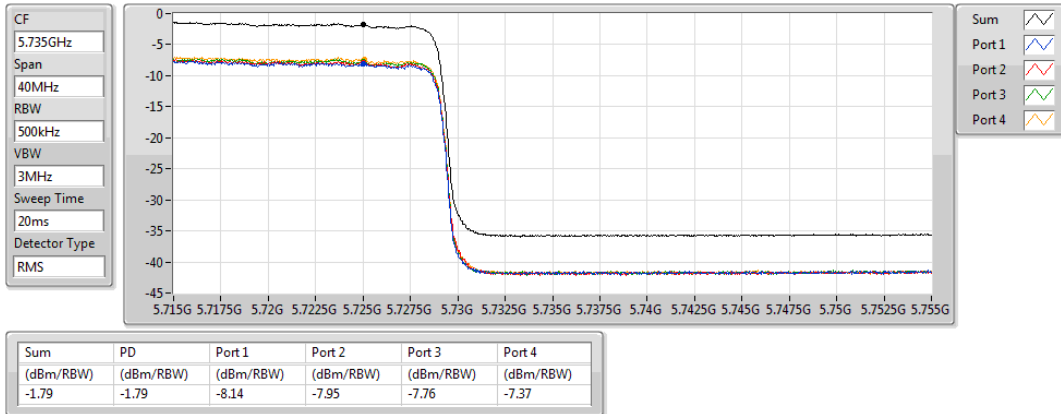


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

09/11/2019

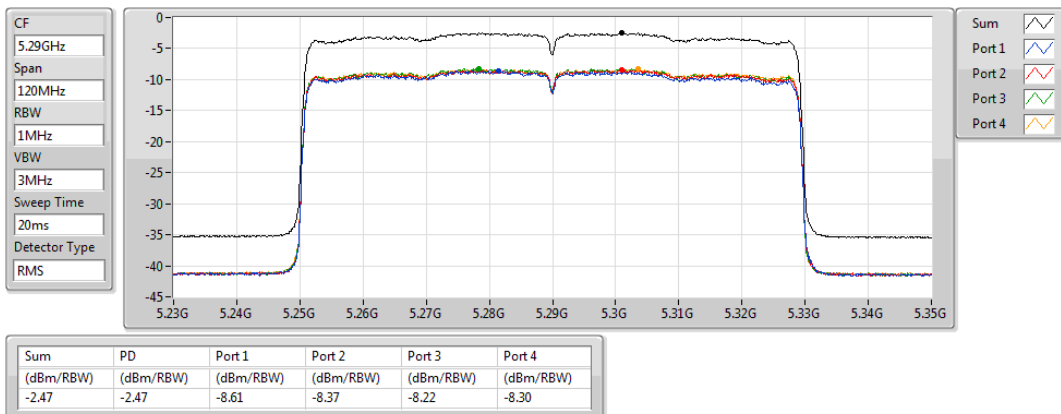


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

09/11/2019

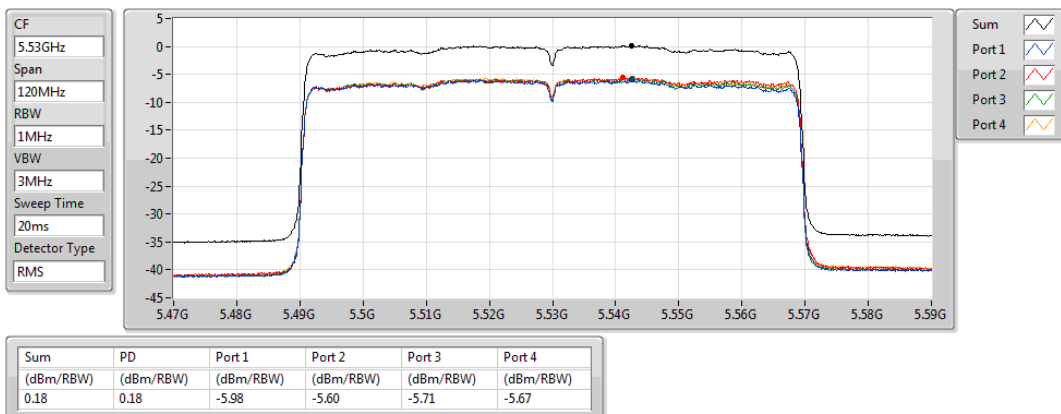


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

09/11/2019

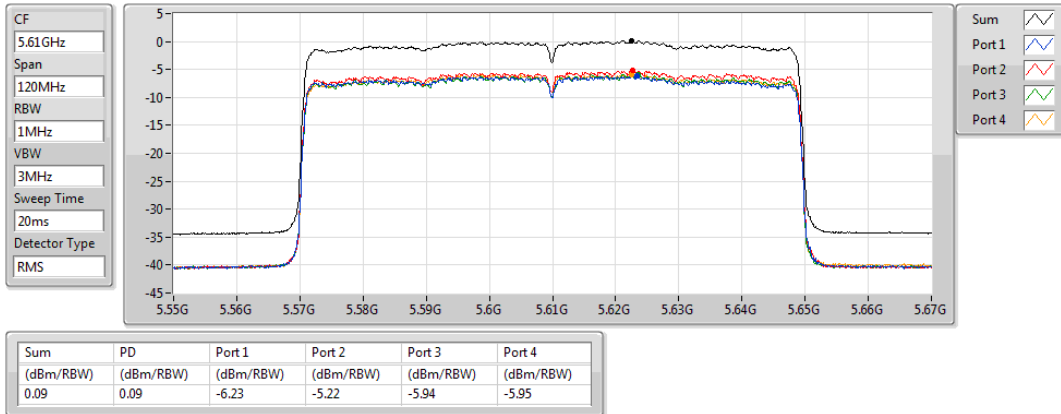


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

09/11/2019

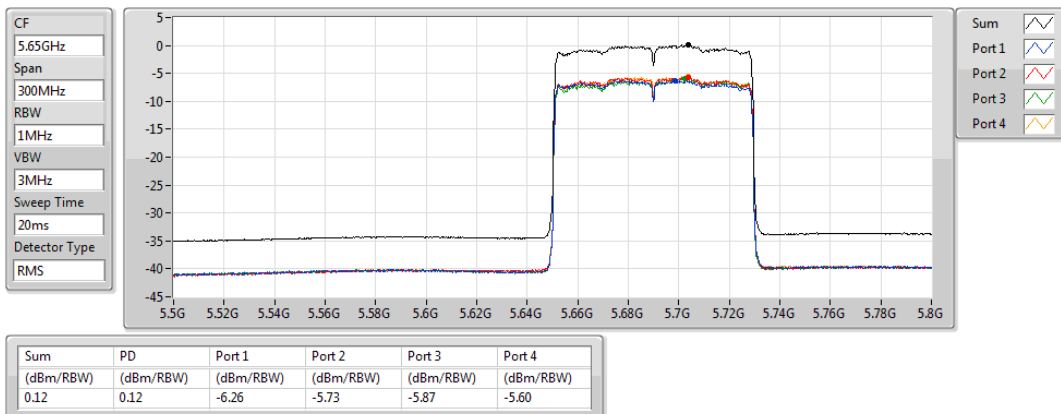


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

09/11/2019

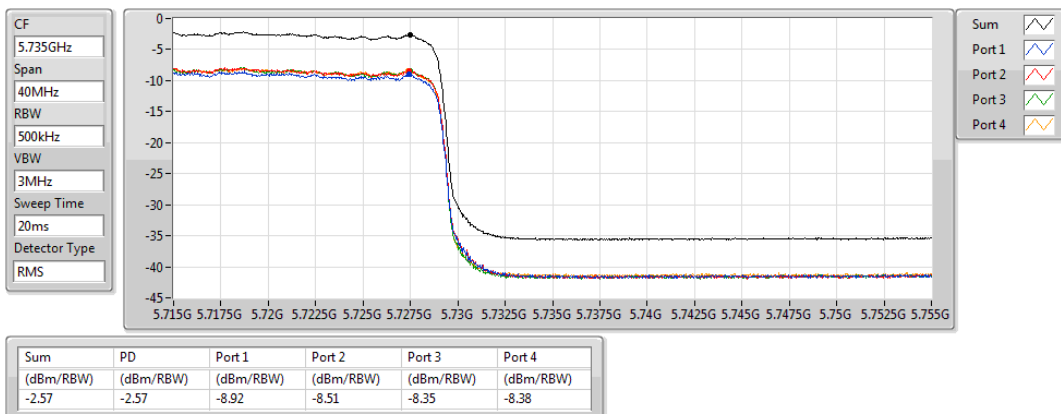


802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

09/11/2019

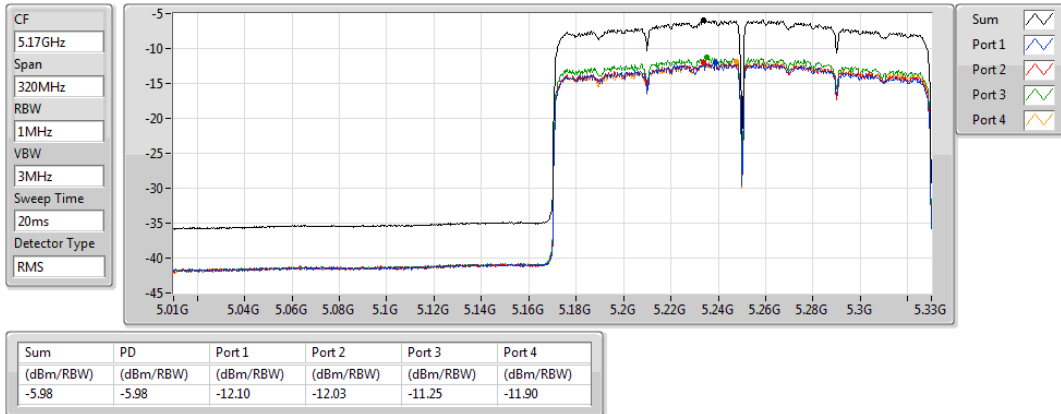


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

09/11/2019

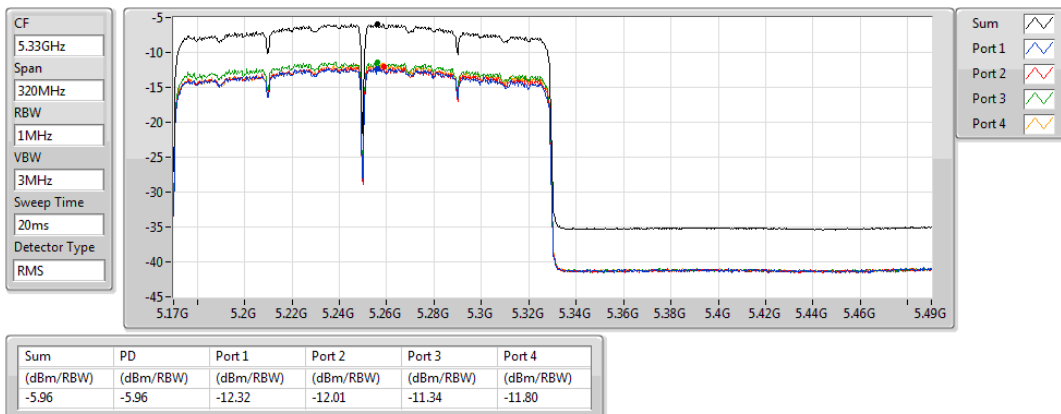


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

09/11/2019

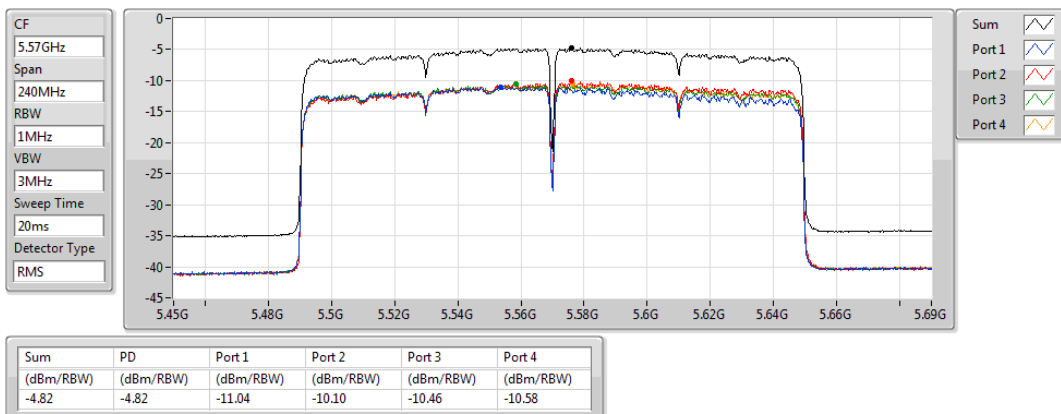


802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5570MHz

09/11/2019



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-5.59
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-5.73
5.25-5.35GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-0.32
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-3.05
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-5.94
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-5.67
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-0.02
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-2.94
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-5.69
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-5.56
5.47-5.725GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-0.27
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-2.83
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-5.73
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-8.54
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-0.11
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-2.73
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-5.51
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-8.59
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-2.22
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-4.91
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-8.74
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-2.06
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-4.72
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-8.37

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)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	16.72	-6.12	-6.73	-6.57	-5.71	-0.34	0.28
5300MHz	Pass	16.72	-6.06	-6.41	-6.36	-6.14	-0.33	0.28
5320MHz	Pass	16.72	-6.08	-6.30	-6.52	-6.12	-0.32	0.28
5500MHz	Pass	16.72	-6.19	-5.83	-6.56	-6.62	-0.38	0.28
5580MHz	Pass	16.72	-6.54	-5.79	-6.41	-6.57	-0.37	0.28
5700MHz	Pass	16.72	-6.46	-4.74	-6.69	-7.29	-0.27	0.28
5720MHz Straddle 5.47-5.725GHz	Pass	16.72	-6.57	-5.06	-6.89	-7.42	-0.43	0.28
5720MHz Straddle 5.725-5.85GHz	Pass	16.72	-8.21	-6.91	-8.72	-9.19	-2.22	19.28
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	16.72	-8.62	-9.48	-9.14	-9.07	-3.15	0.28
5310MHz	Pass	16.72	-8.56	-8.98	-9.13	-9.33	-3.05	0.28
5510MHz	Pass	16.72	-8.65	-8.35	-9.31	-9.31	-2.98	0.28
5550MHz	Pass	16.72	-8.59	-8.40	-9.12	-9.26	-2.95	0.28
5670MHz	Pass	16.72	-9.42	-6.68	-9.71	-9.90	-2.83	0.28
5710MHz Straddle 5.47-5.725GHz	Pass	16.72	-9.19	-7.05	-9.59	-9.75	-2.87	0.28
5710MHz Straddle 5.725-5.85GHz	Pass	16.72	-11.22	-9.12	-11.62	-11.97	-4.91	19.28
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	16.72	-11.13	-11.84	-11.89	-12.53	-5.94	0.28
5530MHz	Pass	16.72	-11.43	-11.19	-12.16	-11.87	-5.74	0.28
5610MHz	Pass	16.72	-11.94	-9.85	-12.72	-12.99	-5.73	0.28
5690MHz Straddle 5.47-5.725GHz	Pass	16.72	-11.98	-10.54	-12.76	-12.92	-5.96	0.28
5690MHz Straddle 5.725-5.85GHz	Pass	16.72	-15.00	-13.22	-15.37	-15.78	-8.74	19.28
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	16.72	-11.62	-11.20	-11.76	-11.29	-5.59	6.28
5250MHz Straddle 5.25-5.35GHz	Pass	16.72	-11.61	-11.48	-11.75	-11.46	-5.67	0.28
5570MHz	Pass	16.72	-14.26	-15.42	-13.92	-14.08	-8.54	0.28
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	16.72	-5.98	-6.52	-6.34	-5.49	-0.15	0.28
5300MHz	Pass	16.72	-5.81	-6.20	-6.26	-5.86	-0.08	0.28
5320MHz	Pass	16.72	-5.68	-6.21	-6.19	-5.65	-0.02	0.28
5500MHz	Pass	16.72	-5.83	-5.61	-6.36	-6.53	-0.11	0.28
5580MHz	Pass	16.72	-6.13	-5.70	-6.28	-6.45	-0.22	0.28
5700MHz	Pass	16.72	-6.21	-4.74	-6.61	-6.96	-0.14	0.28
5720MHz Straddle 5.47-5.725GHz	Pass	16.72	-6.25	-4.82	-6.76	-7.25	-0.27	0.28
5720MHz Straddle 5.725-5.85GHz	Pass	16.72	-7.95	-6.73	-8.57	-9.06	-2.06	19.28
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	16.72	-8.50	-9.23	-9.05	-8.89	-3.02	0.28
5310MHz	Pass	16.72	-8.43	-8.88	-9.07	-9.18	-2.94	0.28
5510MHz	Pass	16.72	-8.44	-8.30	-9.34	-9.07	-2.83	0.28
5550MHz	Pass	16.72	-8.41	-8.25	-9.02	-9.20	-2.73	0.28
5670MHz	Pass	16.72	-9.28	-6.75	-9.76	-9.75	-2.82	0.28
5710MHz Straddle 5.47-5.725GHz	Pass	16.72	-8.91	-6.95	-9.53	-9.76	-2.80	0.28
5710MHz Straddle 5.725-5.85GHz	Pass	16.72	-11.16	-9.01	-11.55	-11.75	-4.72	19.28

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 HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	16.72	-10.96	-11.59	-11.66	-12.11	-5.69	0.28
5530MHz	Pass	16.72	-11.16	-11.09	-11.79	-11.55	-5.51	0.28
5610MHz	Pass	16.72	-11.76	-9.66	-12.54	-12.89	-5.65	0.28
5690MHz Straddle 5.47-5.725GHz	Pass	16.72	-11.79	-10.35	-12.61	-12.86	-5.89	0.28
5690MHz Straddle 5.725-5.85GHz	Pass	16.72	-14.55	-12.90	-14.79	-15.51	-8.37	19.28
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	16.72	-11.82	-11.22	-11.96	-11.69	-5.73	6.28
5250MHz Straddle 5.25-5.35GHz	Pass	16.72	-11.39	-11.55	-11.57	-11.63	-5.56	0.28
5570MHz	Pass	16.72	-14.28	-15.42	-14.00	-14.13	-8.59	0.28

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

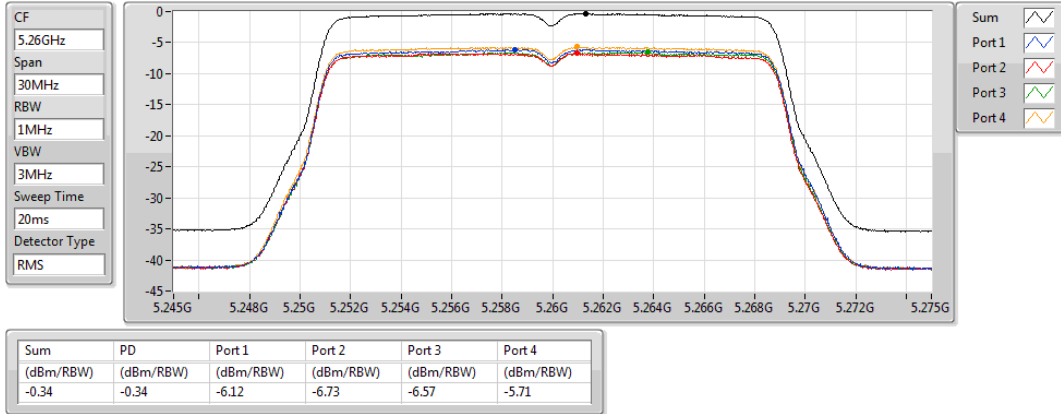
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

12/11/2019

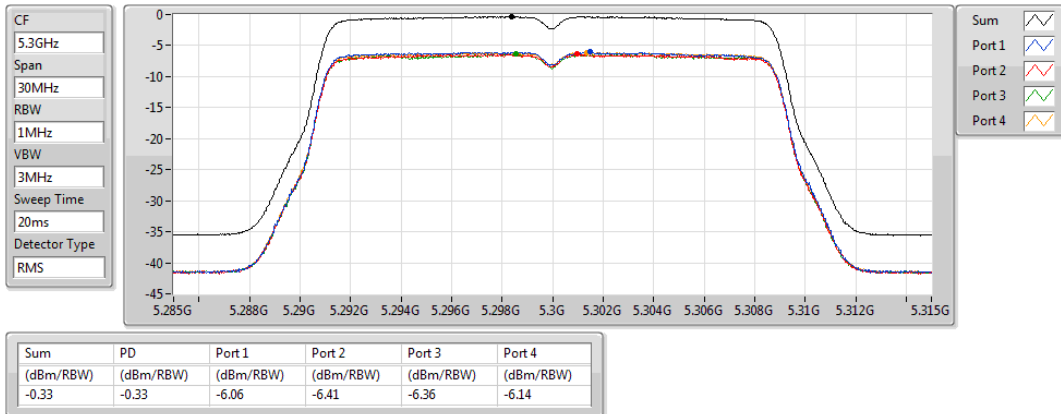


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

12/11/2019

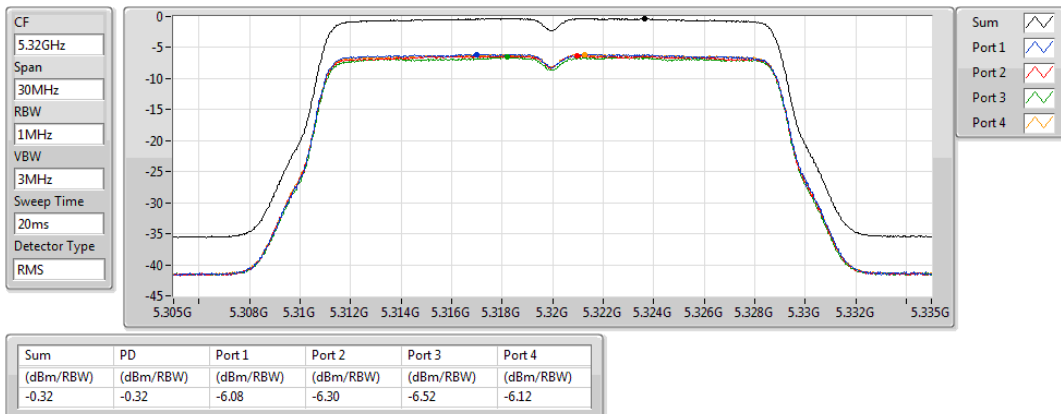


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

12/11/2019

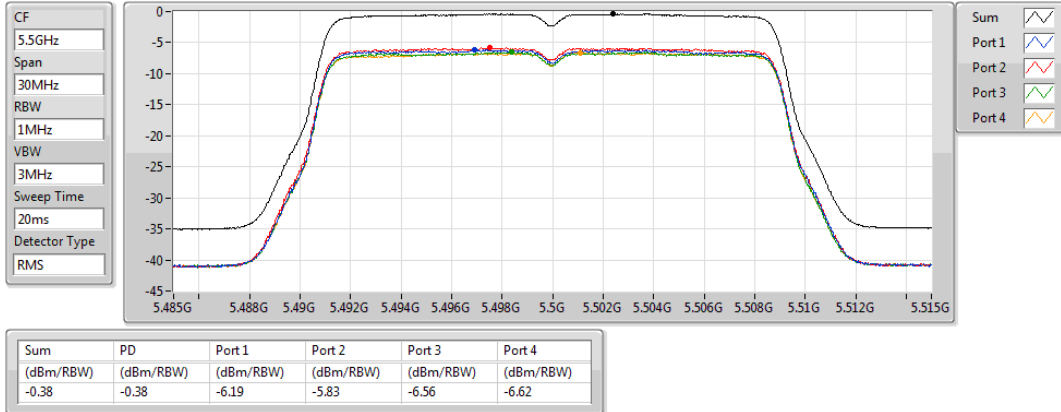


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

12/11/2019

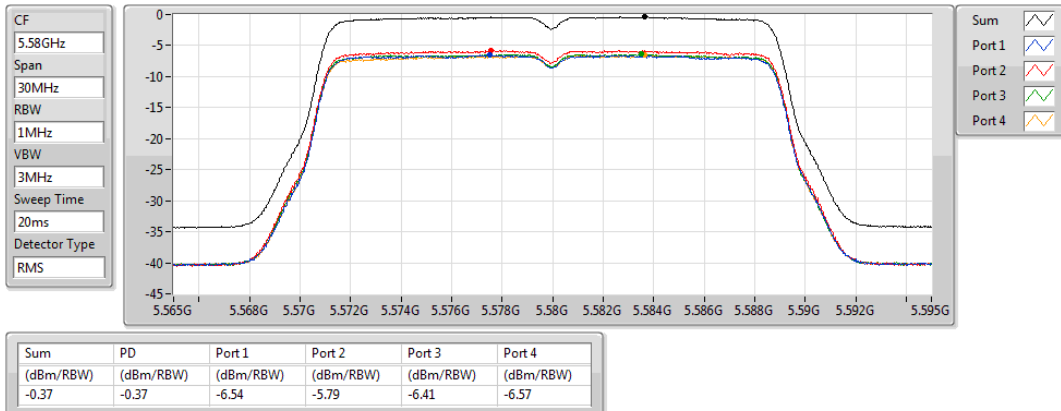


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

12/11/2019

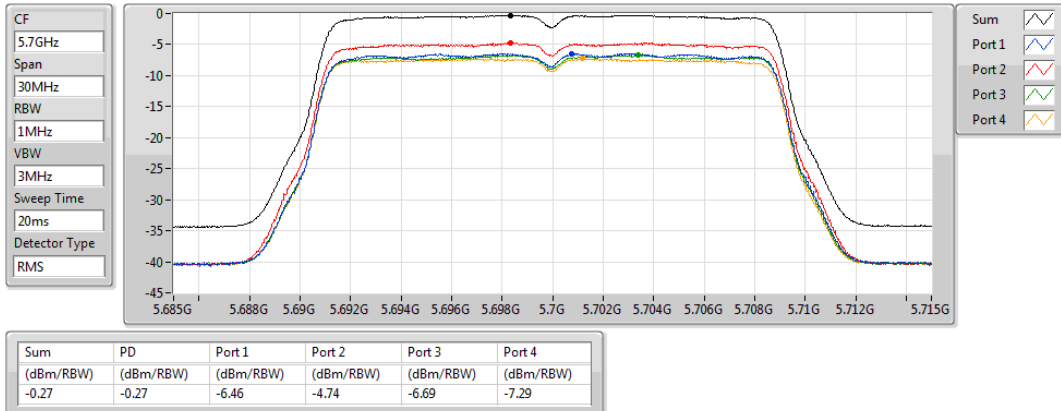


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

12/11/2019

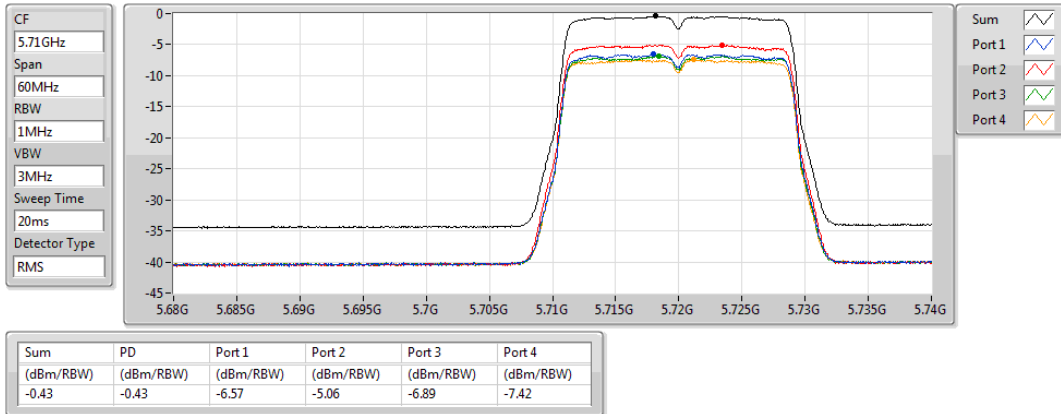


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

12/11/2019

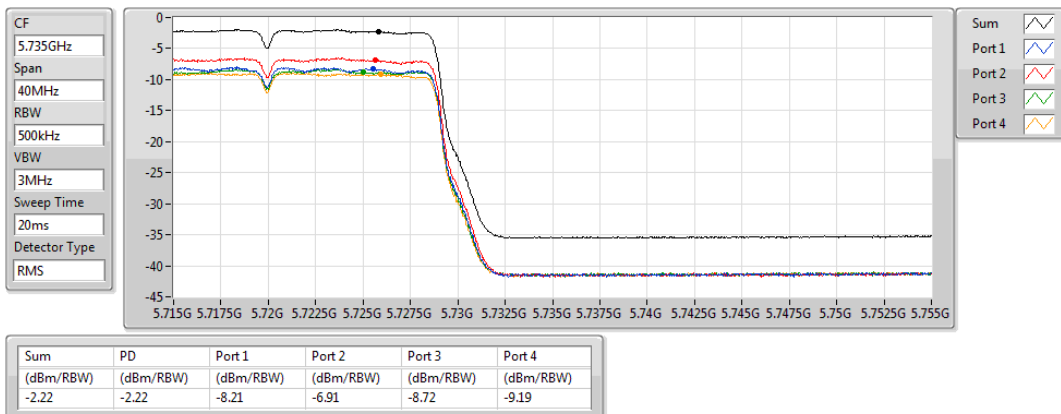


802.11ac VHT20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

12/11/2019

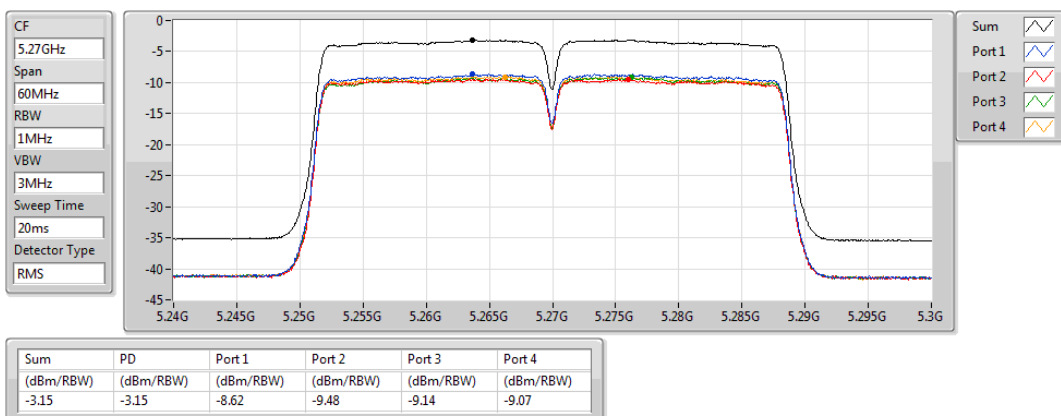


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

5270MHz

PSD

12/11/2019

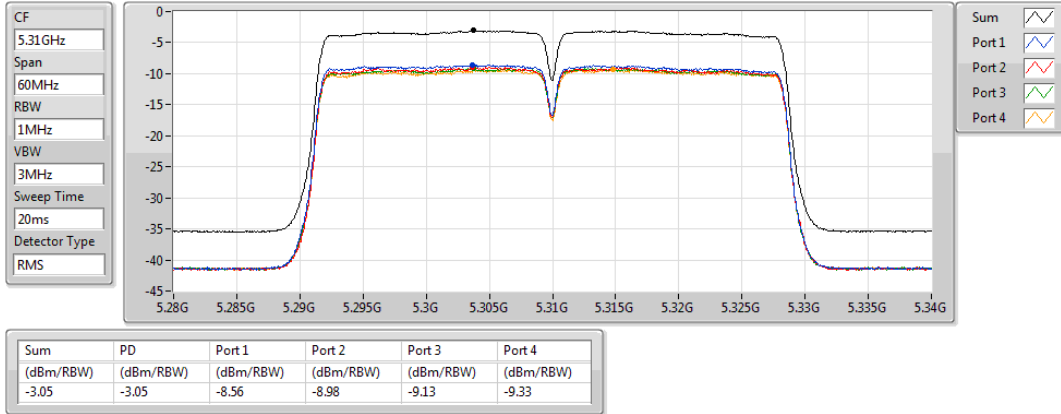


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

12/11/2019

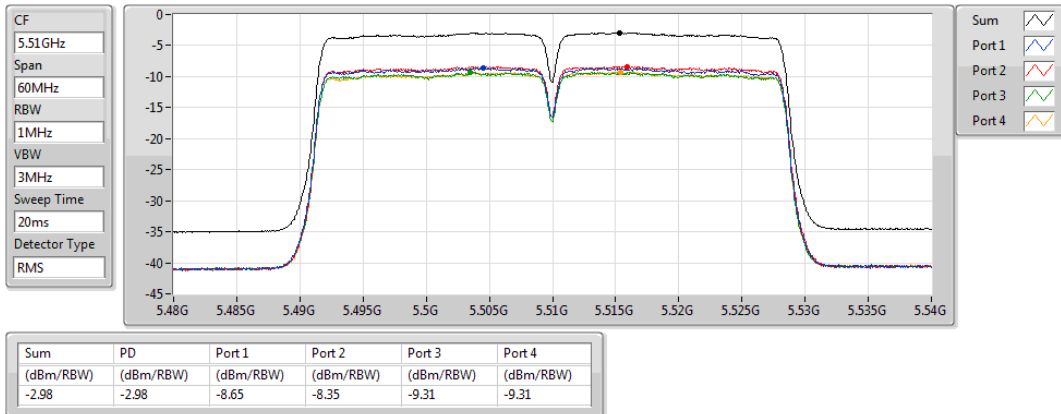


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

12/11/2019

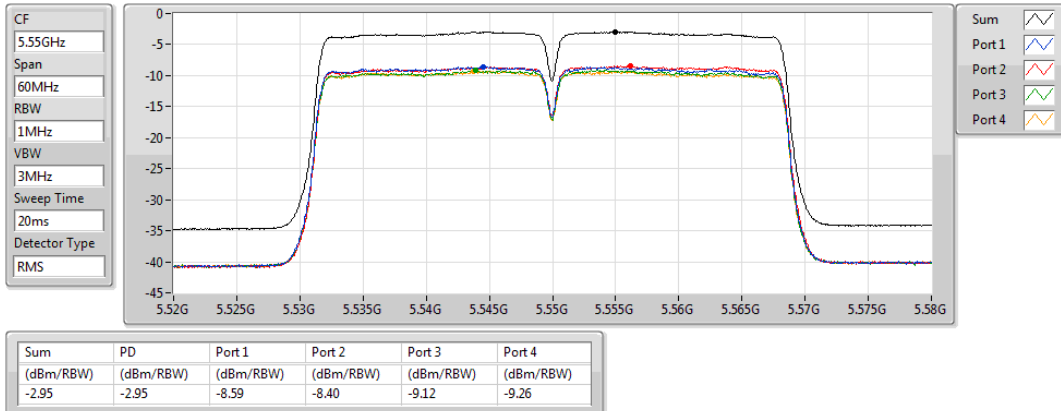


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

12/11/2019

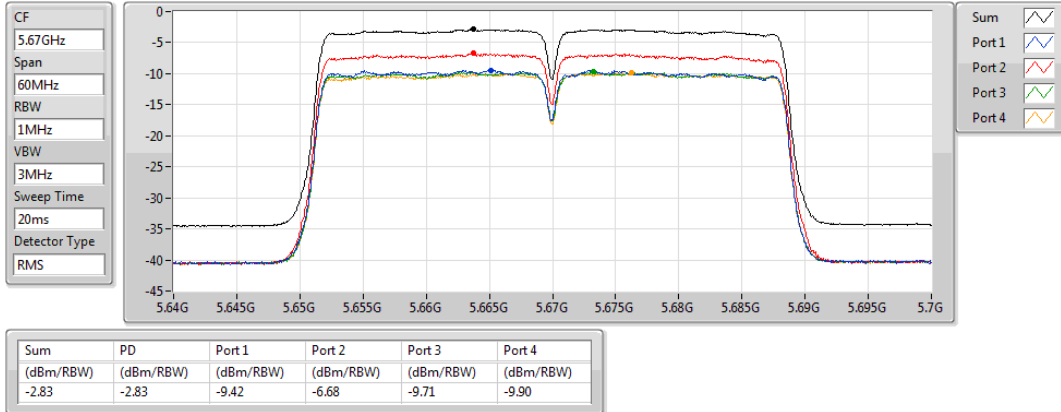


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

12/11/2019

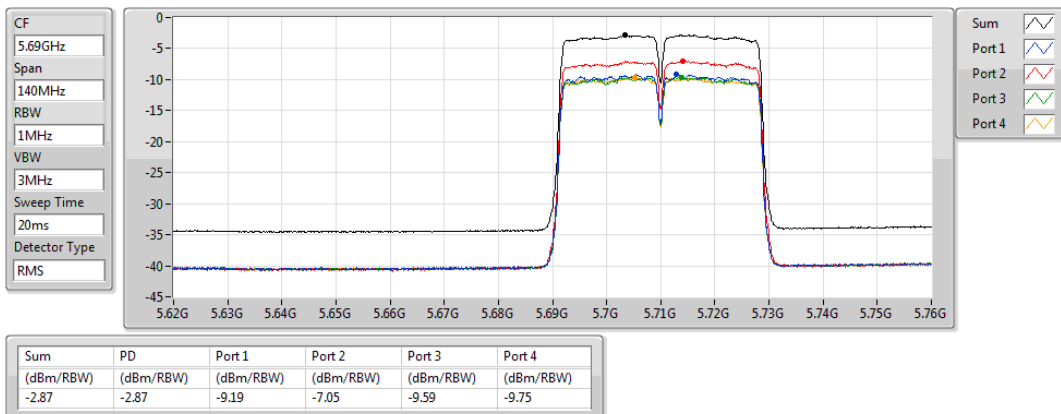


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

12/11/2019

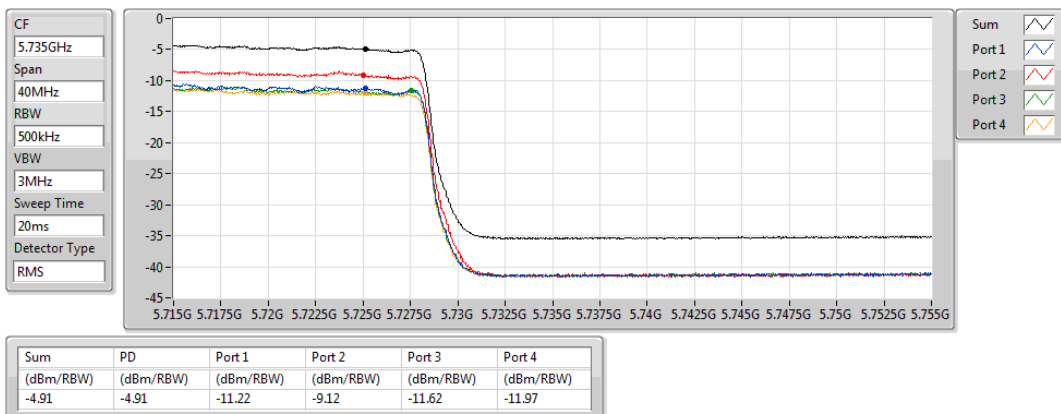


802.11ac VHT40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

12/11/2019

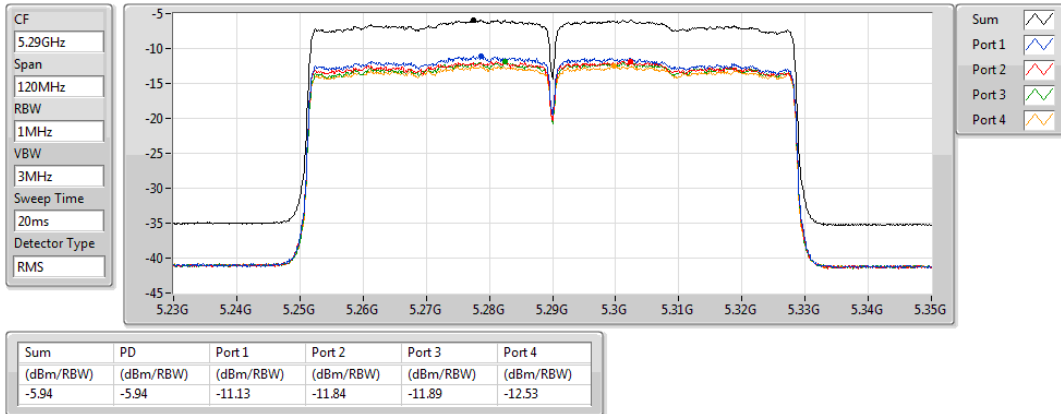


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

12/11/2019

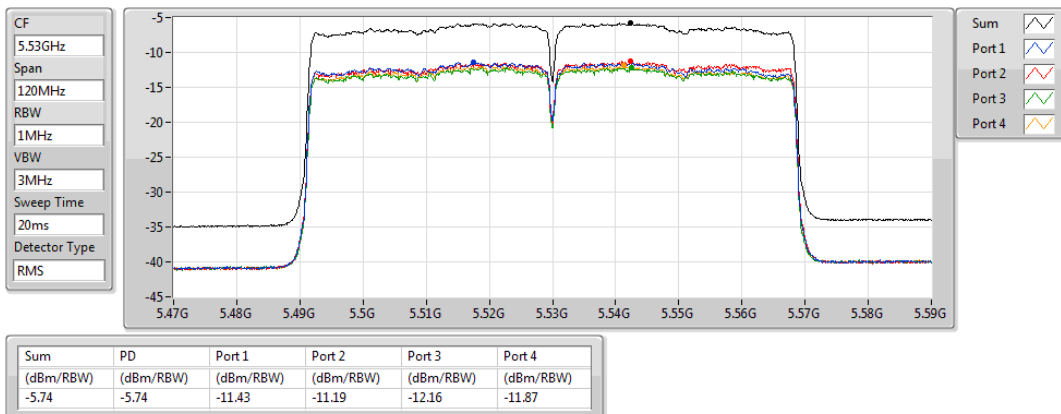


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

12/11/2019

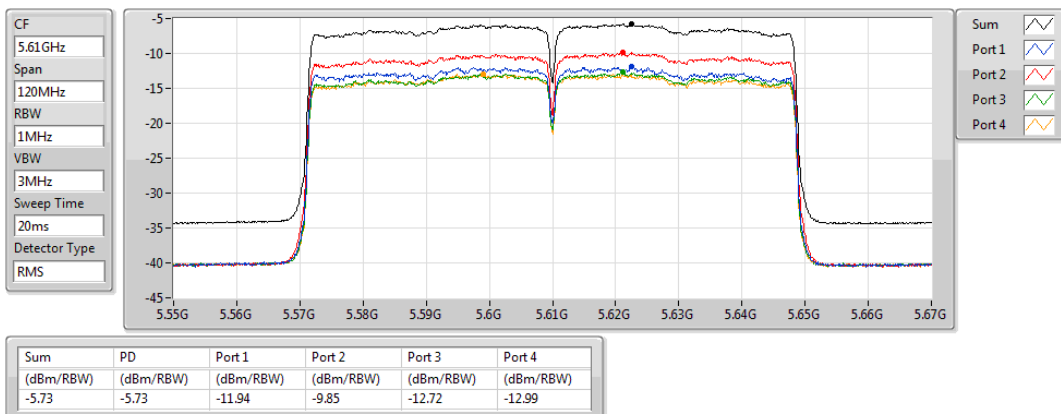


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

12/11/2019

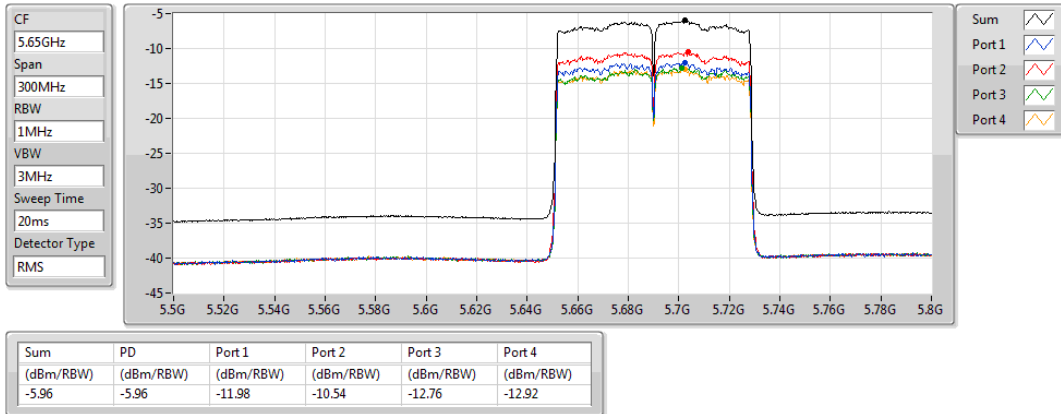


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz

PSD

12/11/2019

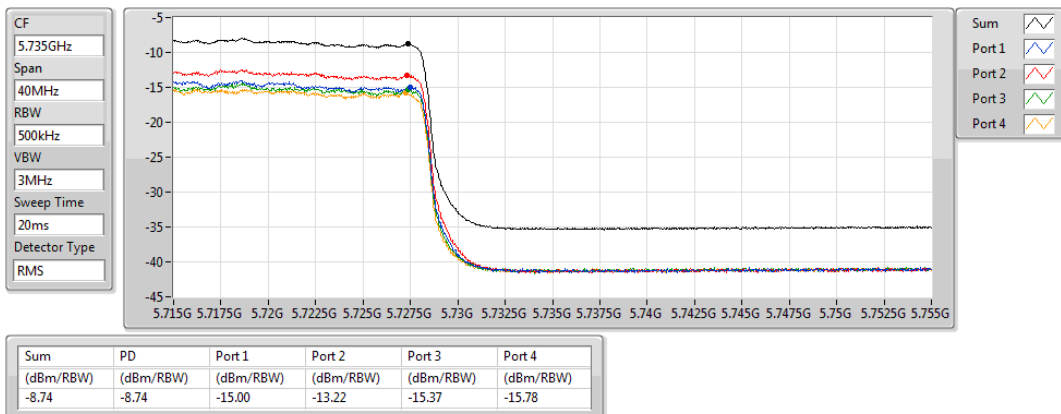


802.11ac VHT80-BF_Nss1,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

PSD

12/11/2019

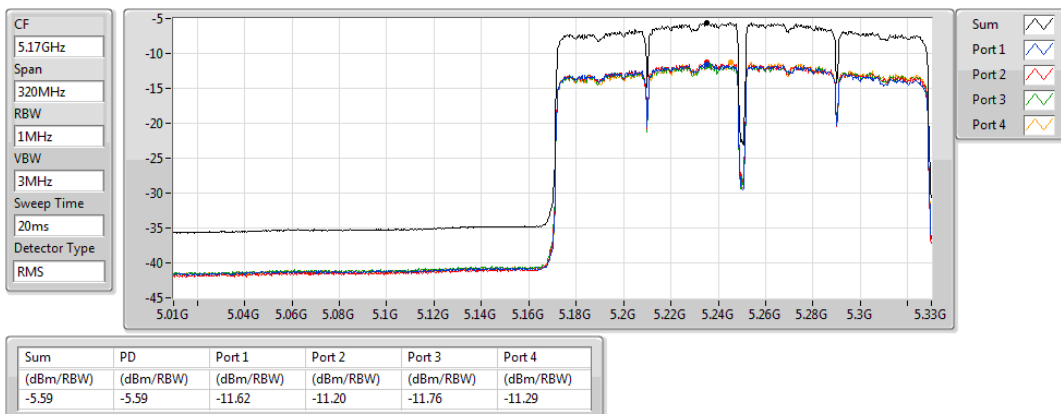


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.15-5.25GHz

PSD

12/11/2019

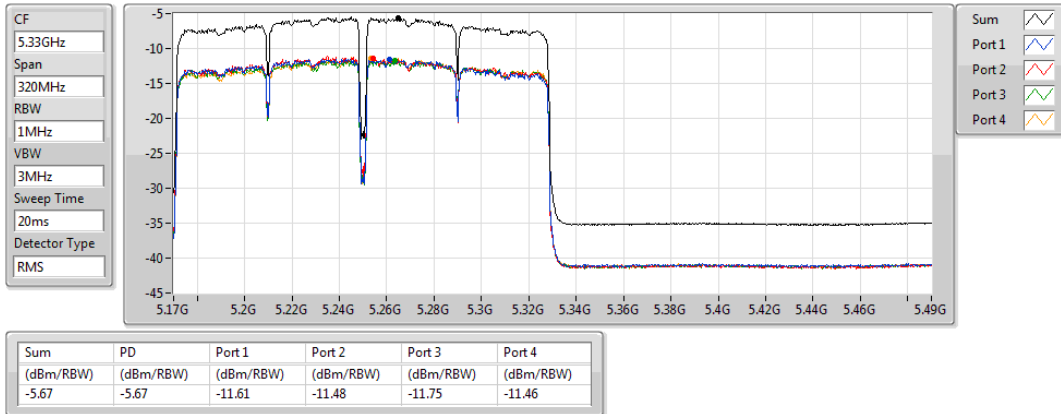


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz

PSD

12/11/2019

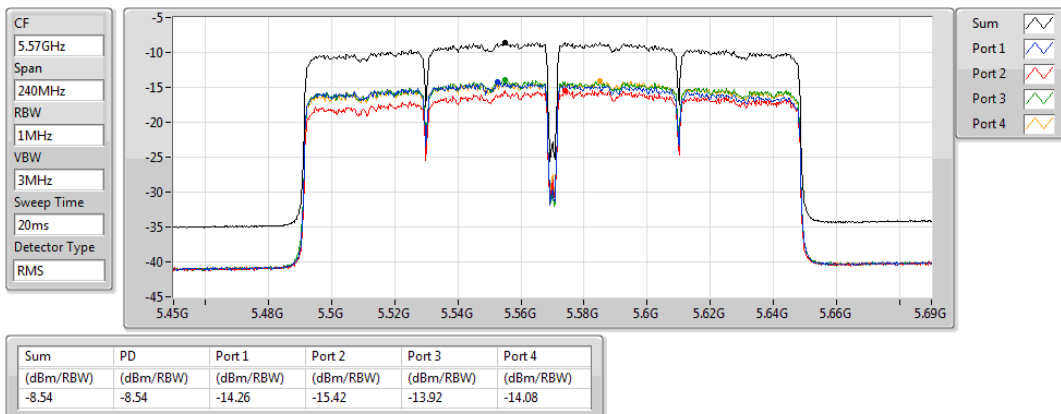


802.11ac VHT160-BF_Nss1,(MCS0)_4TX

5570MHz

PSD

12/11/2019

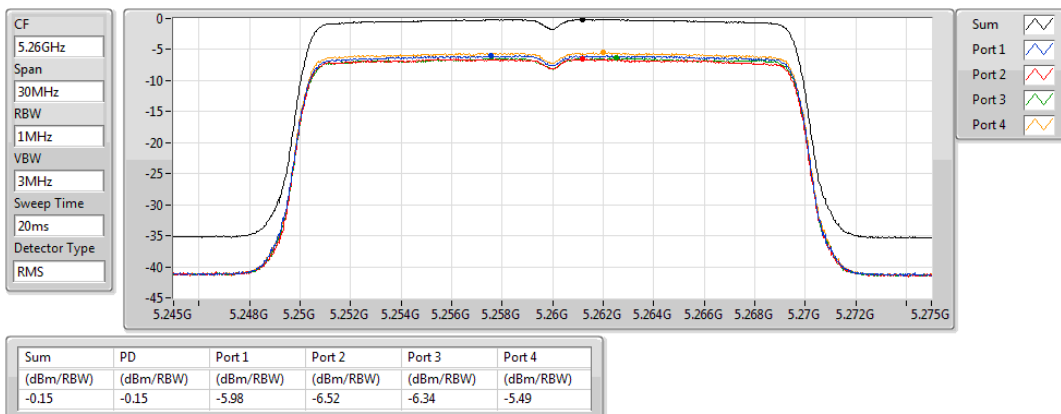


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5260MHz

PSD

12/11/2019

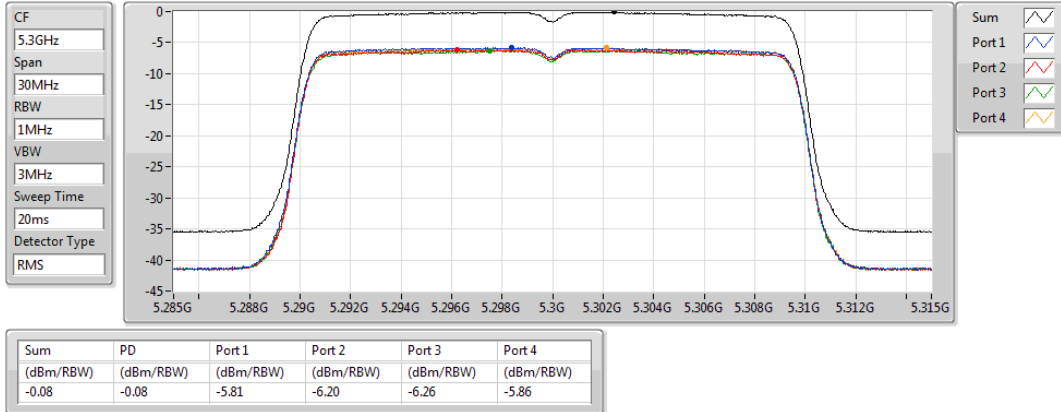


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

12/11/2019

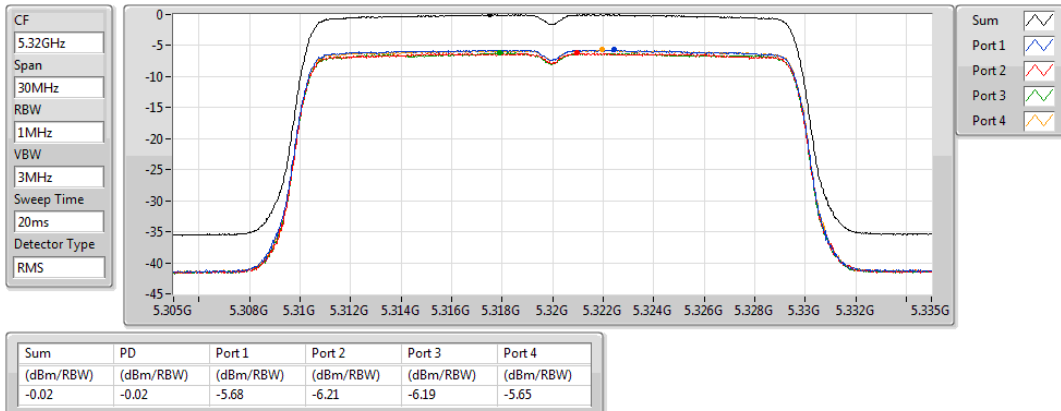


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

12/11/2019

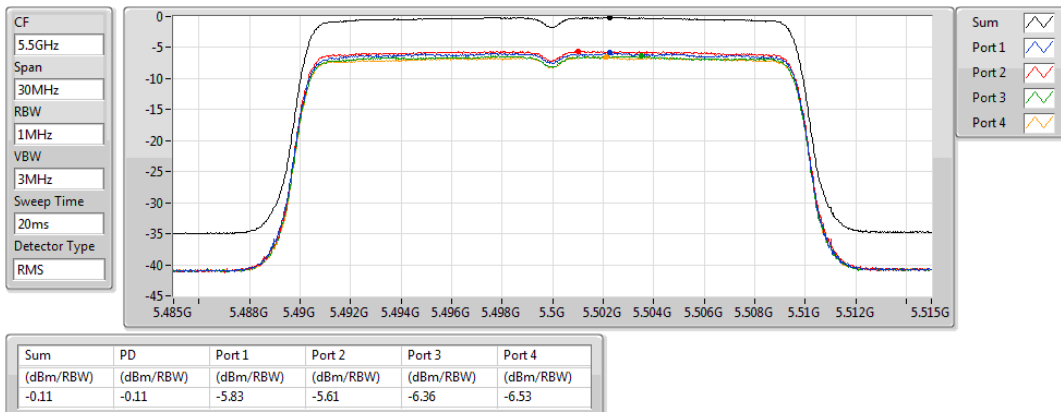


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

12/11/2019

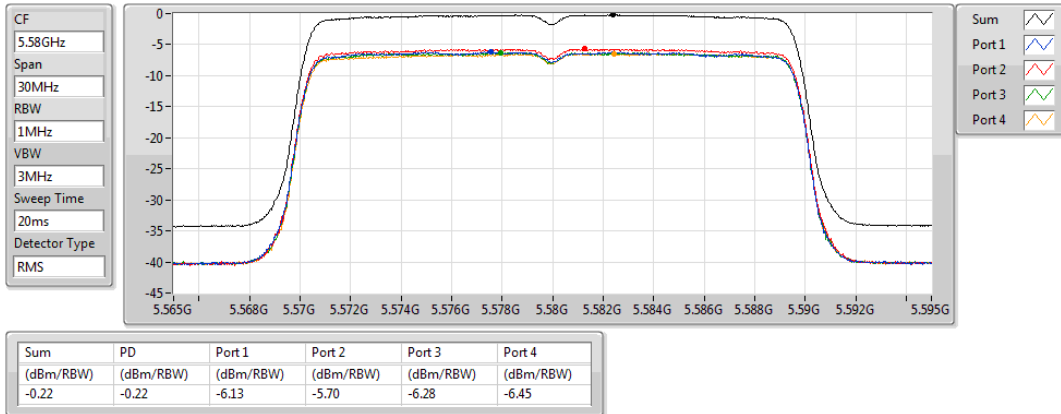


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

12/11/2019

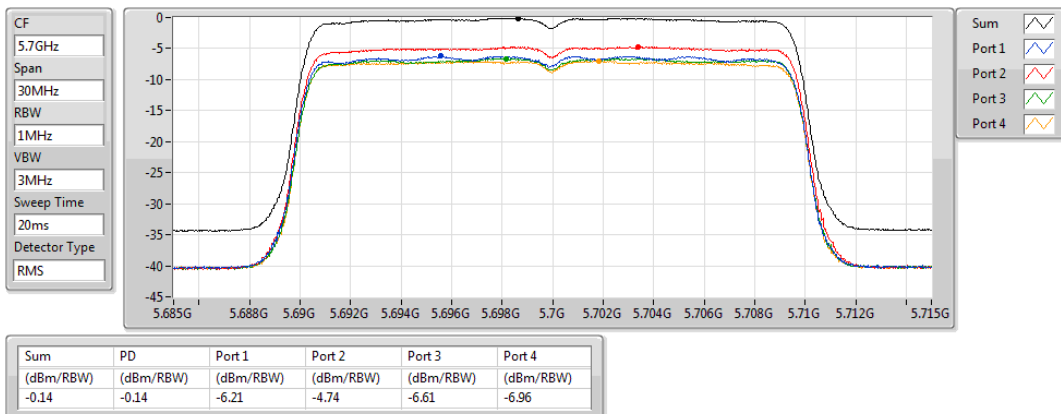


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

12/11/2019

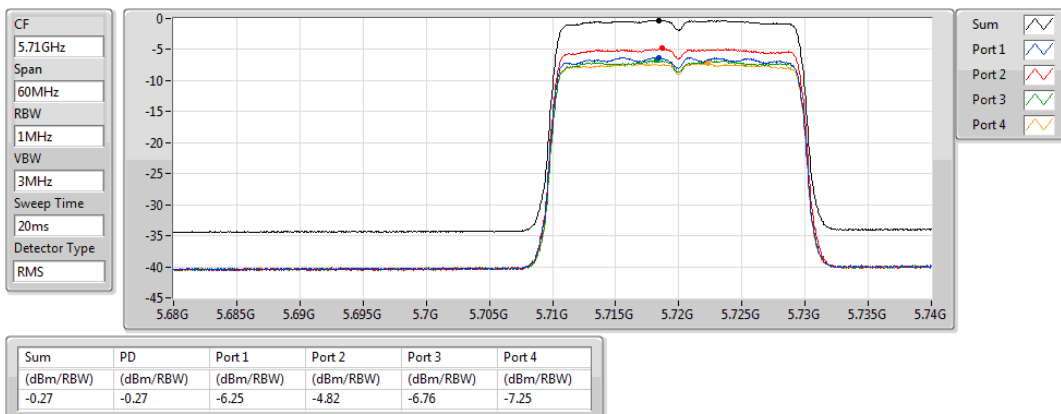


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

12/11/2019

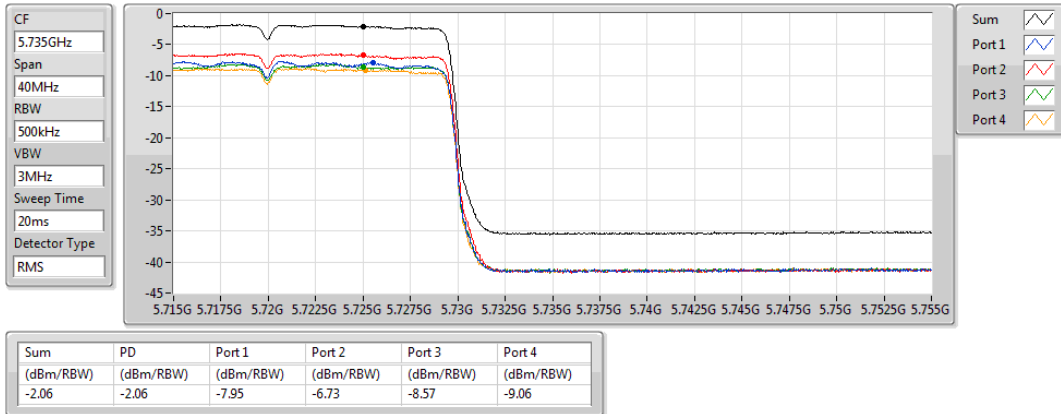


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

12/11/2019

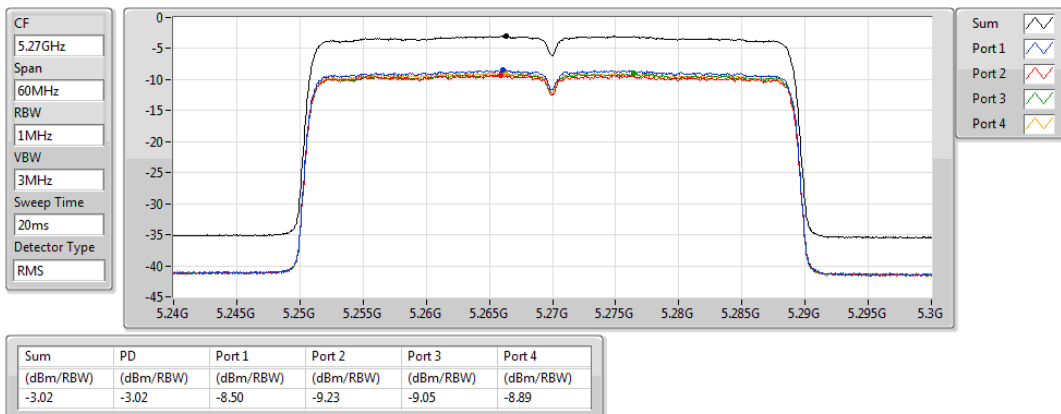


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

12/11/2019

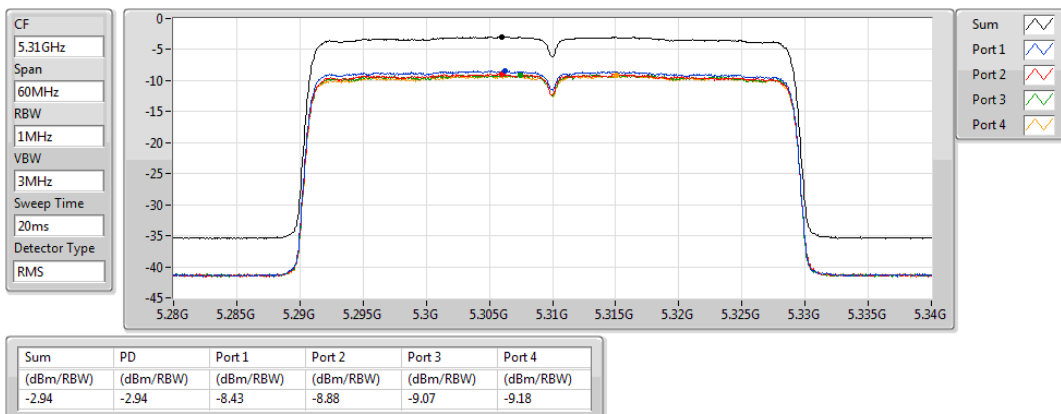


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

12/11/2019

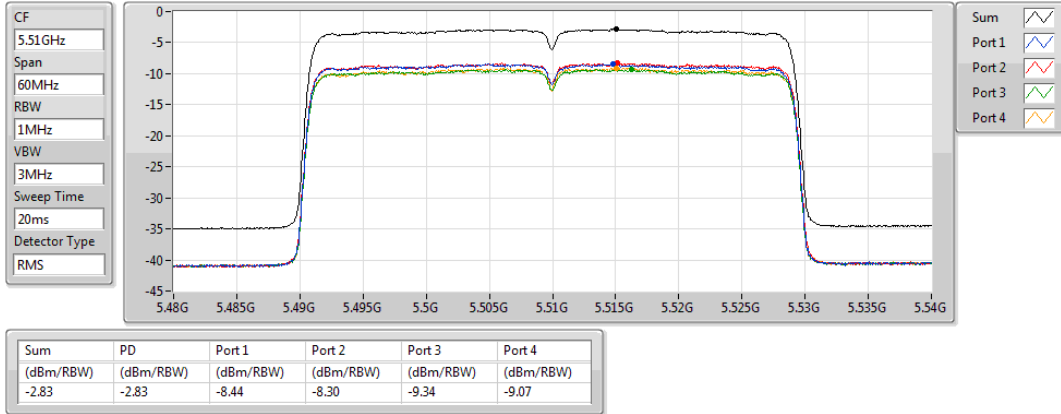


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

12/11/2019

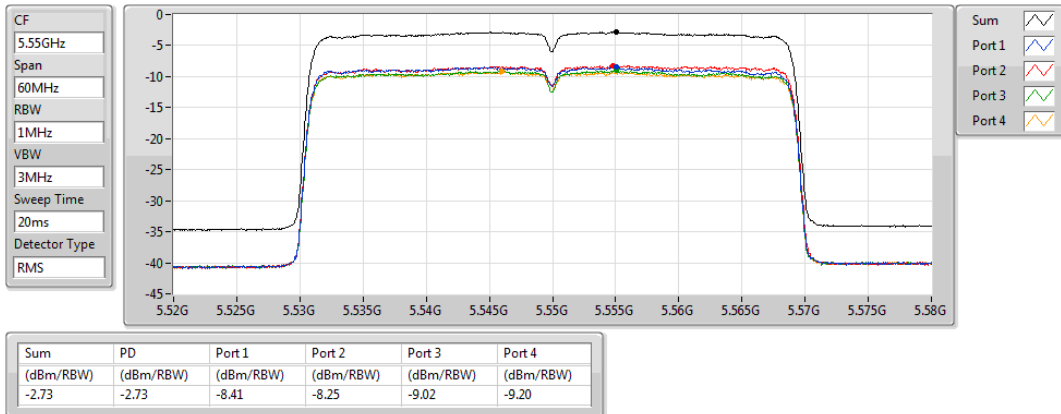


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

12/11/2019



802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

12/11/2019

