

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	5.12	15.82
802.11ac VHT20_Nss1,(MCS0)_1TX	4.58	15.28
802.11ac VHT40_Nss1,(MCS0)_1TX	1.93	12.63
802.11ac VHT80_Nss1,(MCS0)_1TX	-4.33	6.37
802.11ax HEW20_Nss1,(MCS0)_1TX	4.47	15.17
802.11ax HEW40_Nss1,(MCS0)_1TX	1.98	12.68
802.11ax HEW80_Nss1,(MCS0)_1TX	-4.31	6.39
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	5.74	16.44
802.11ac VHT20_Nss1,(MCS0)_1TX	5.27	15.97
802.11ac VHT40_Nss1,(MCS0)_1TX	2.55	13.25
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.58	10.12
802.11ax HEW20_Nss1,(MCS0)_1TX	5.06	15.76
802.11ax HEW40_Nss1,(MCS0)_1TX	2.62	13.32
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.40	10.30
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	4.03	14.73
802.11ac VHT20_Nss1,(MCS0)_1TX	3.55	14.25
802.11ac VHT40_Nss1,(MCS0)_1TX	0.45	11.15
802.11ac VHT80_Nss1,(MCS0)_1TX	-3.23	7.47
802.11ax HEW20_Nss1,(MCS0)_1TX	3.24	13.94
802.11ax HEW40_Nss1,(MCS0)_1TX	0.57	11.27
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.84	7.86

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	5.05	5.05	6.30	15.75	17.00
5300MHz	Pass	10.70	5.12	5.12	6.30	15.82	17.00
5320MHz	Pass	10.70	3.62	3.62	6.30	14.32	17.00
5500MHz	Pass	10.70	3.53	3.53	6.30	14.23	17.00
5580MHz	Pass	10.70	5.47	5.47	6.30	16.17	17.00
5700MHz	Pass	10.70	3.44	3.44	6.30	14.14	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	5.74	5.74	6.30	16.44	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	4.03	4.03	25.30	14.73	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	4.18	4.18	6.30	14.88	17.00
5300MHz	Pass	10.70	4.58	4.58	6.30	15.28	17.00
5320MHz	Pass	10.70	3.42	3.42	6.30	14.12	17.00
5500MHz	Pass	10.70	3.71	3.71	6.30	14.41	17.00
5580MHz	Pass	10.70	4.64	4.64	6.30	15.34	17.00
5700MHz	Pass	10.70	0.96	0.96	6.30	11.66	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	5.27	5.27	6.30	15.97	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	3.55	3.55	25.30	14.25	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	1.93	1.93	6.30	12.63	17.00
5310MHz	Pass	10.70	-1.41	-1.41	6.30	9.29	17.00
5510MHz	Pass	10.70	-1.03	-1.03	6.30	9.67	17.00
5550MHz	Pass	10.70	1.83	1.83	6.30	12.53	17.00
5670MHz	Pass	10.70	2.04	2.04	6.30	12.74	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	2.55	2.55	6.30	13.25	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	0.45	0.45	25.30	11.15	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	-4.33	-4.33	6.30	6.37	17.00
5530MHz	Pass	10.70	-3.39	-3.39	6.30	7.31	17.00
5610MHz	Pass	10.70	-0.96	-0.96	6.30	9.74	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-0.58	-0.58	6.30	10.12	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-3.23	-3.23	25.30	7.47	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	4.47	4.47	6.30	15.17	17.00
5300MHz	Pass	10.70	4.44	4.44	6.30	15.14	17.00
5320MHz	Pass	10.70	3.41	3.41	6.30	14.11	17.00
5500MHz	Pass	10.70	3.76	3.76	6.30	14.46	17.00
5580MHz	Pass	10.70	4.51	4.51	6.30	15.21	17.00
5700MHz	Pass	10.70	0.88	0.88	6.30	11.58	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	5.06	5.06	6.30	15.76	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	3.24	3.24	25.30	13.94	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	1.98	1.98	6.30	12.68	17.00
5310MHz	Pass	10.70	-1.45	-1.45	6.30	9.25	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5510MHz	Pass	10.70	-1.18	-1.18	6.30	9.52	17.00
5550MHz	Pass	10.70	1.81	1.81	6.30	12.51	17.00
5670MHz	Pass	10.70	1.85	1.85	6.30	12.55	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	2.62	2.62	6.30	13.32	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	0.57	0.57	25.30	11.27	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	-4.31	-4.31	6.30	6.39	17.00
5530MHz	Pass	10.70	-3.21	-3.21	6.30	7.49	17.00
5610MHz	Pass	10.70	-1.13	-1.13	6.30	9.57	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-0.40	-0.40	6.30	10.30	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-2.84	-2.84	25.30	7.86	36.00

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

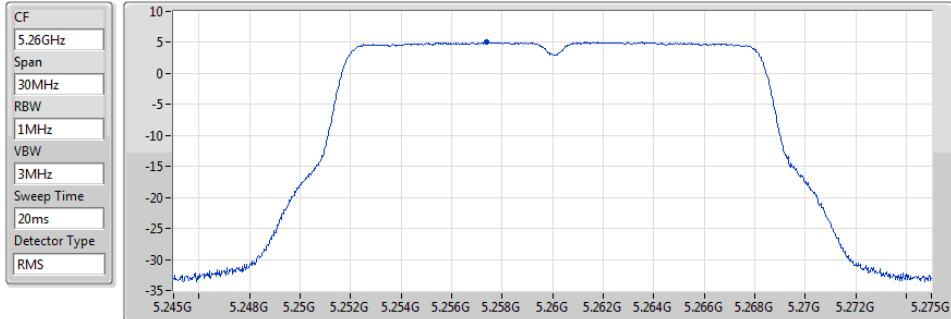
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

09/01/2020



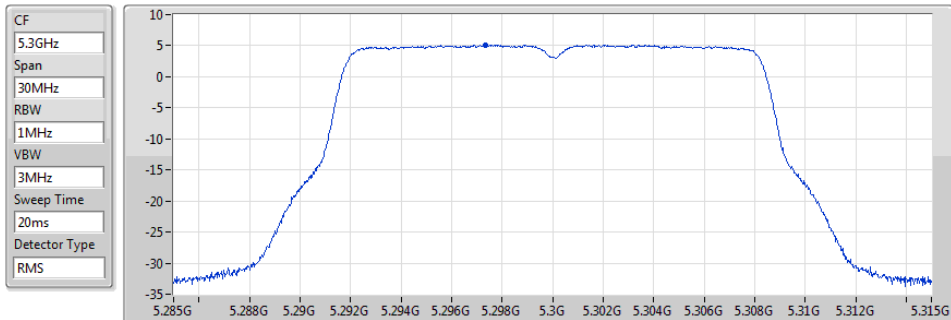
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.05	5.05	5.05

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

09/01/2020



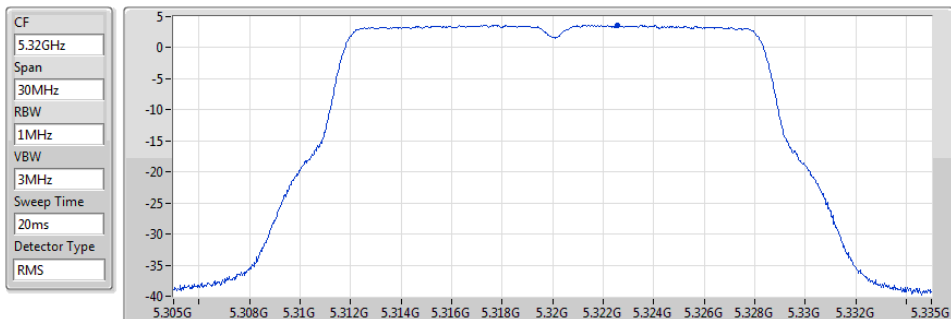
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.12	5.12	5.12

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

09/01/2020



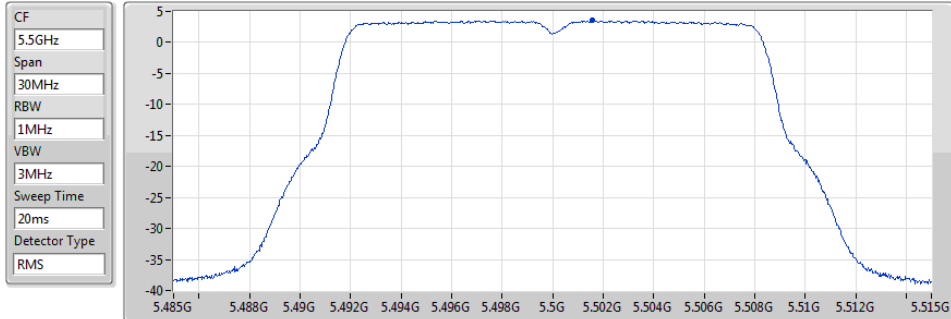
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.62	3.62	3.62

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

09/01/2020



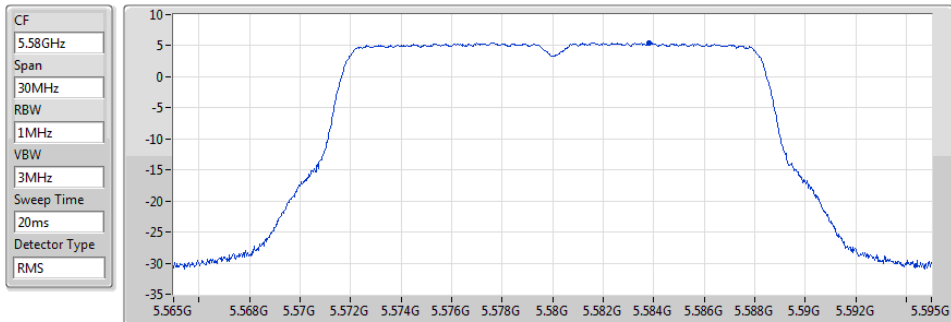
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.53	3.53	3.53

802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

09/01/2020



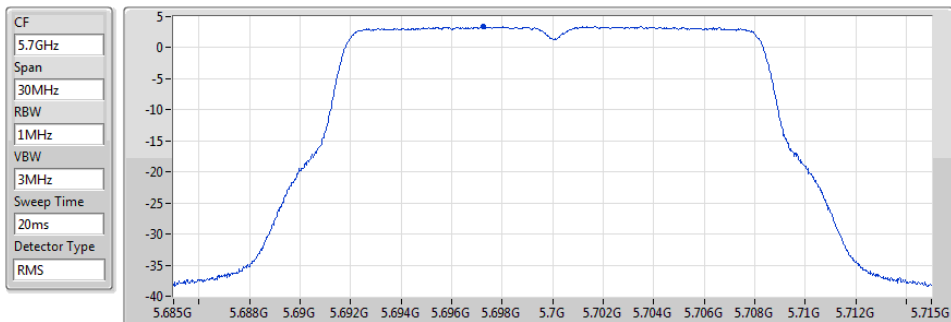
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.47	5.47	5.47

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

09/01/2020



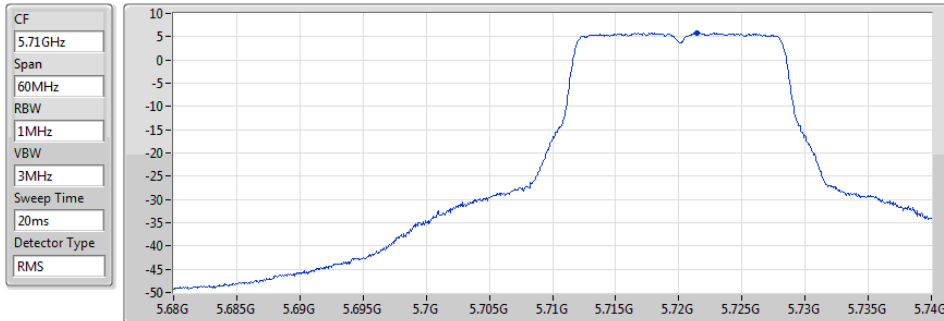
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.44	3.44	3.44

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

09/01/2020



Port 1

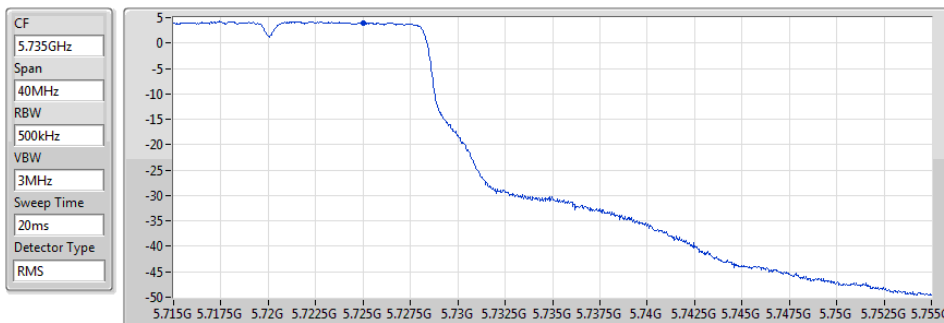
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.74	5.74	5.74

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

09/01/2020



Port 1

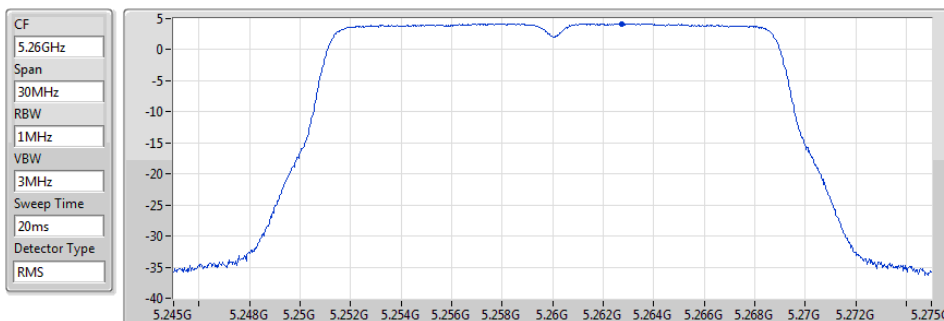
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.03	4.03	4.03

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

09/01/2020



Port 1

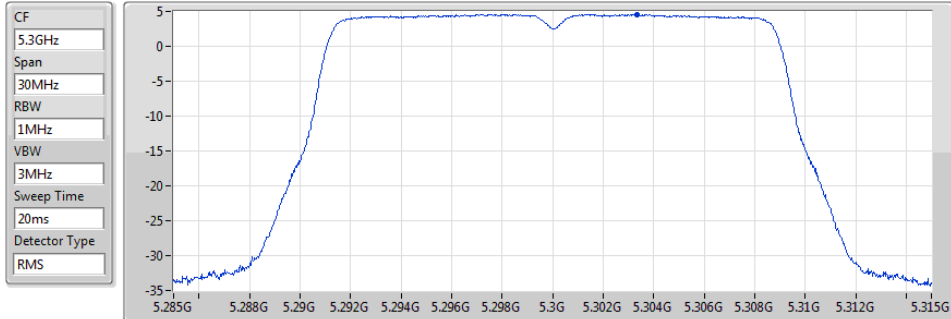
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.18	4.18	4.18

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

09/01/2020



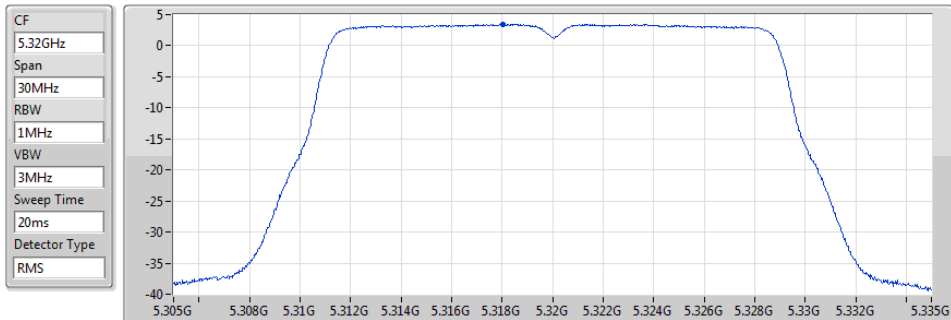
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.58	4.58	4.58

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

09/01/2020



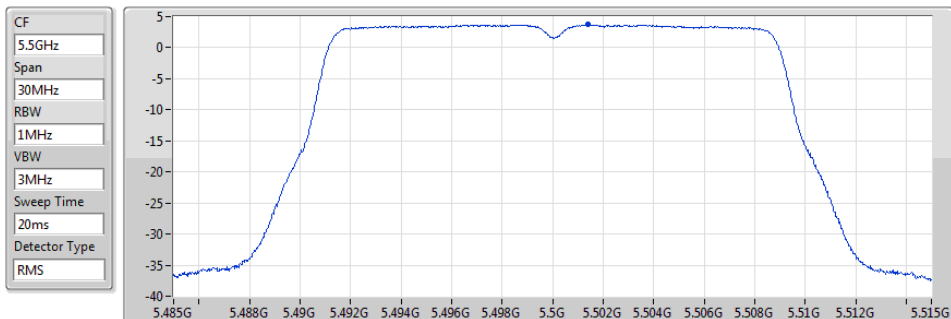
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.42	3.42	3.42

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

09/01/2020



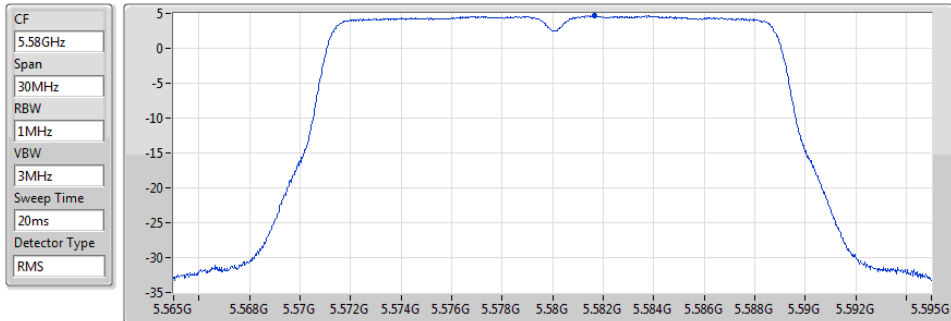
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.71	3.71	3.71

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

09/01/2020

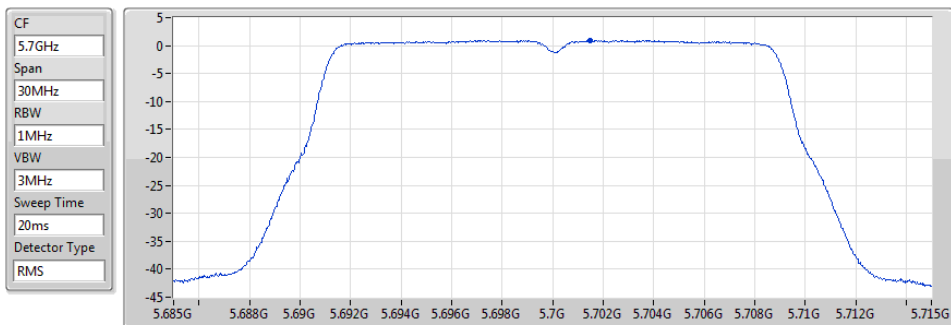


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

09/01/2020

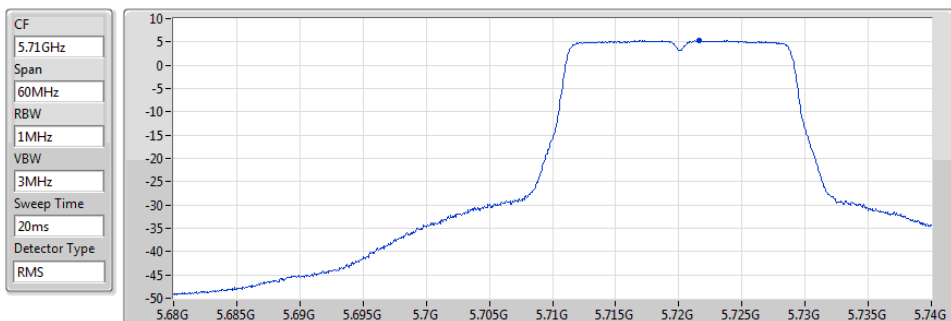


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

09/01/2020

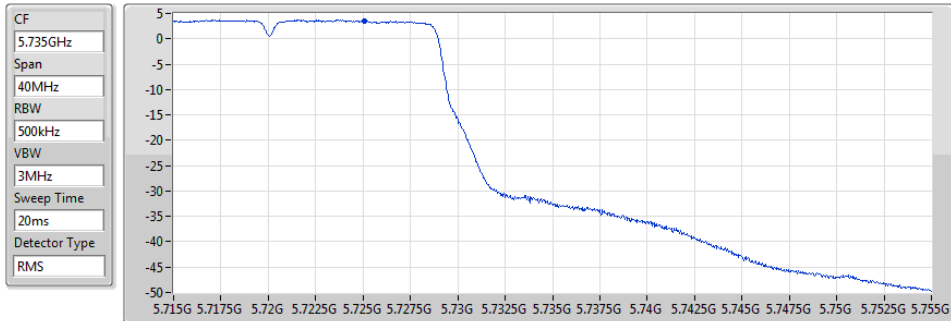


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

09/01/2020



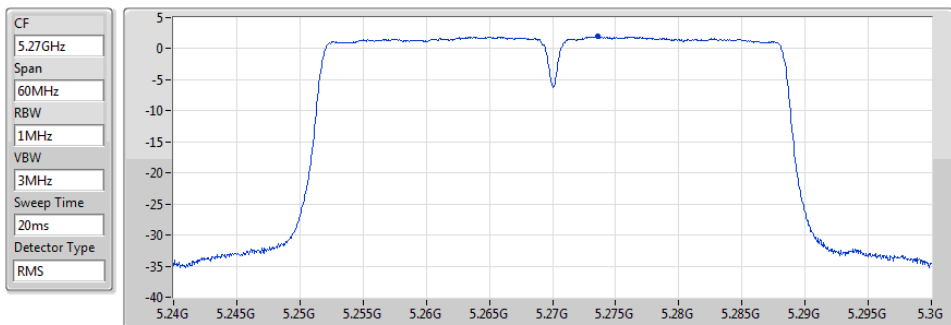
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.55	3.55	3.55

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

09/01/2020



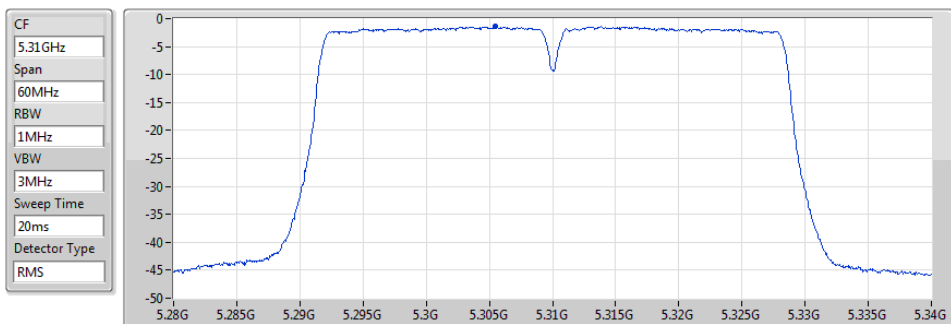
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.93	1.93	1.93

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

09/01/2020



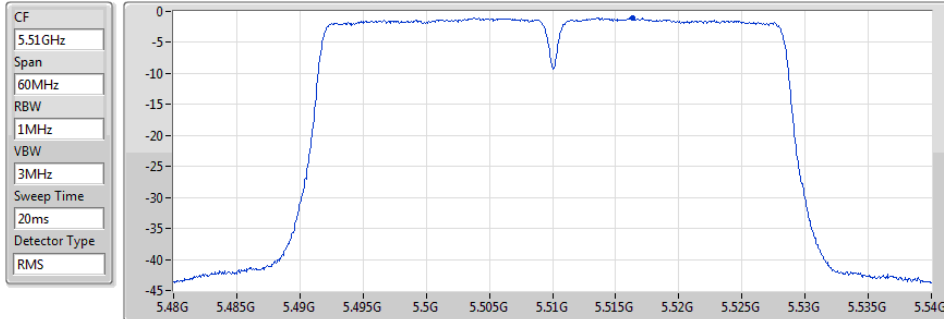
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.41	-1.41	-1.41

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

09/01/2020



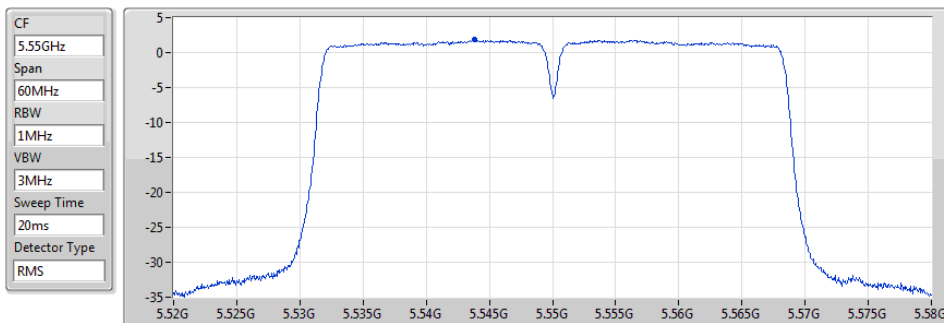
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.03	-1.03	-1.03

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

09/01/2020



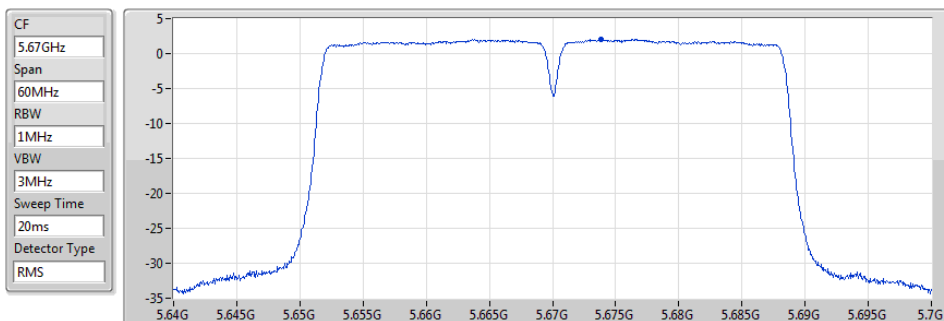
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.83	1.83	1.83

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

09/01/2020



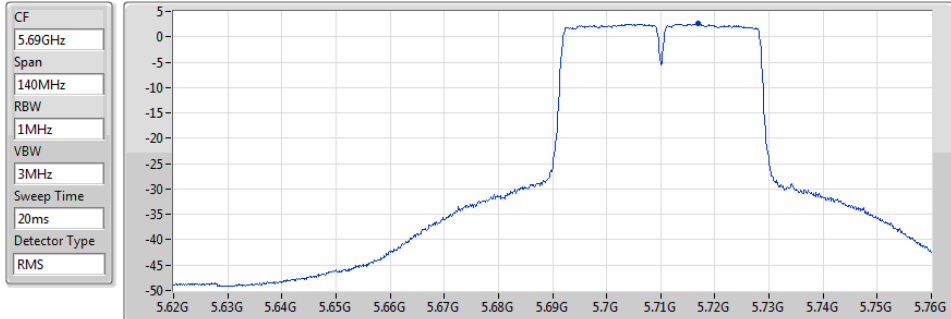
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.04	2.04	2.04

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

09/01/2020



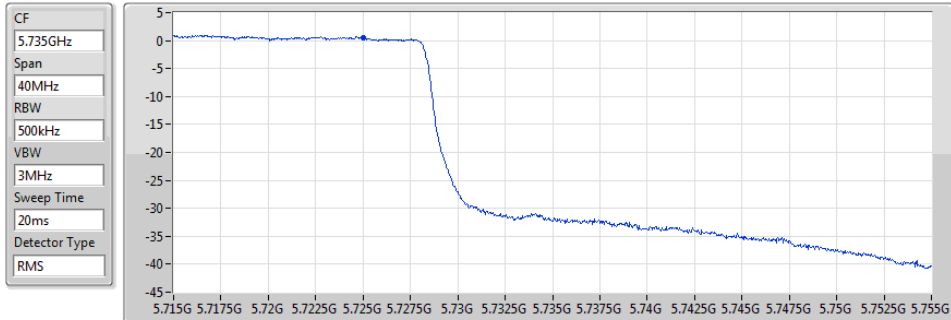
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.55	2.55	2.55

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

09/01/2020



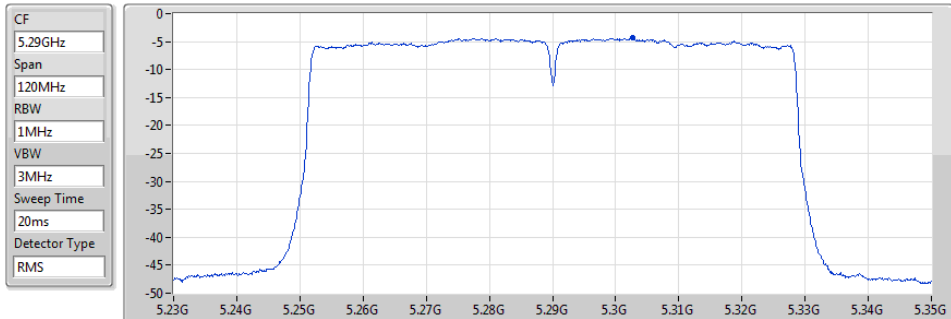
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.45	0.45	0.45

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

09/01/2020



Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-4.33	-4.33	-4.33

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

09/01/2020



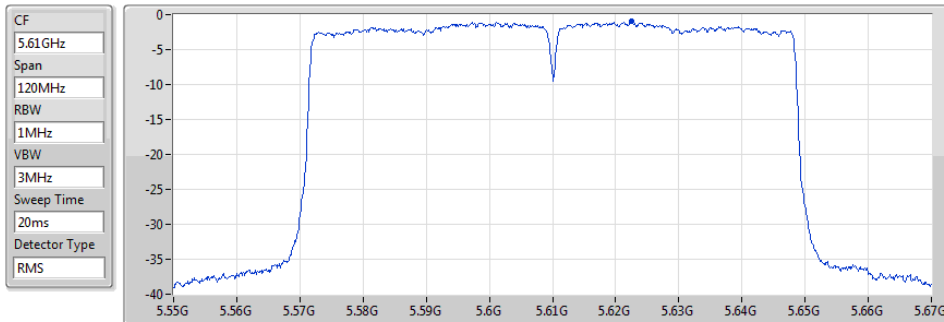
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.39	-3.39	-3.39

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5610MHz

09/01/2020



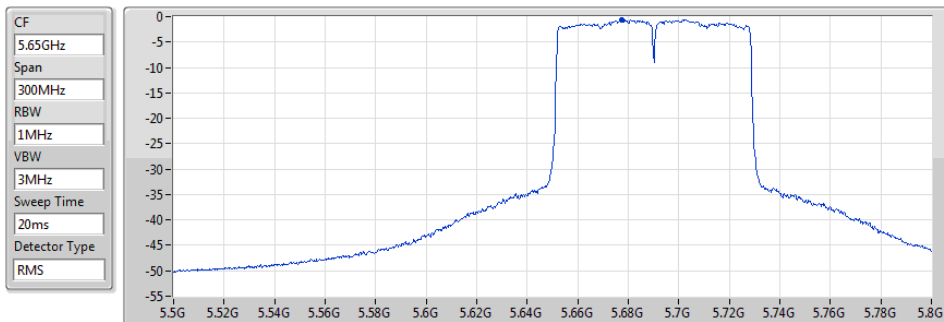
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.96	-0.96	-0.96

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

09/01/2020



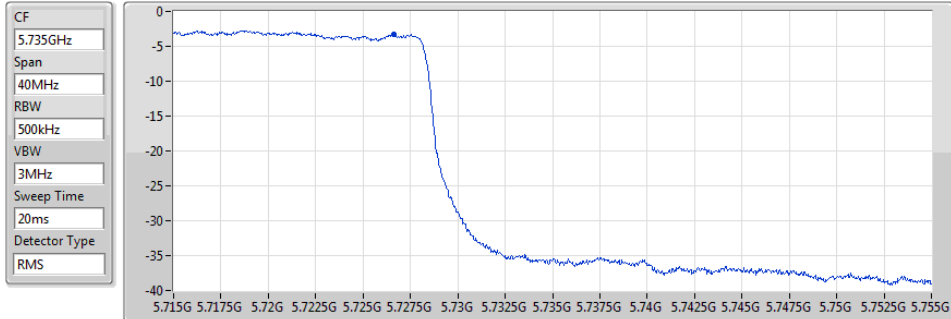
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.58	-0.58	-0.58

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

09/01/2020



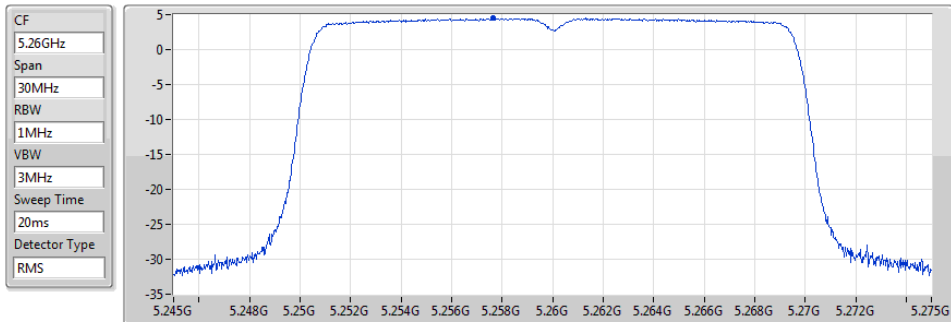
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.23	-3.23	-3.23

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

09/01/2020



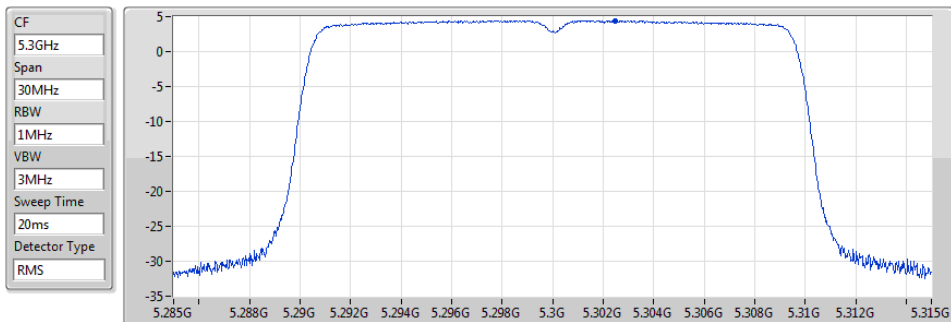
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.47	4.47	4.47

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

09/01/2020



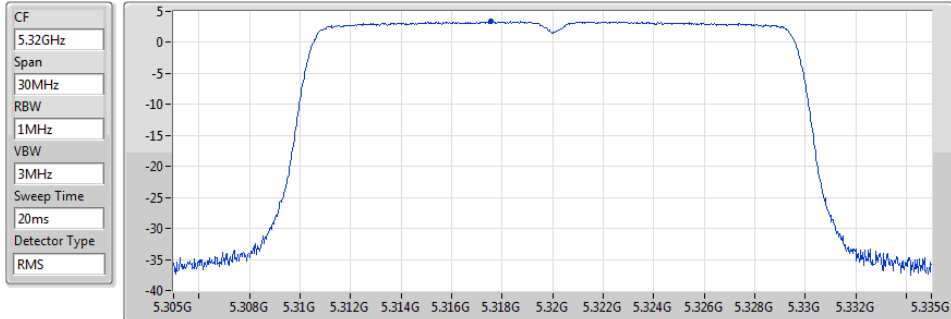
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.44	4.44	4.44

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

09/01/2020

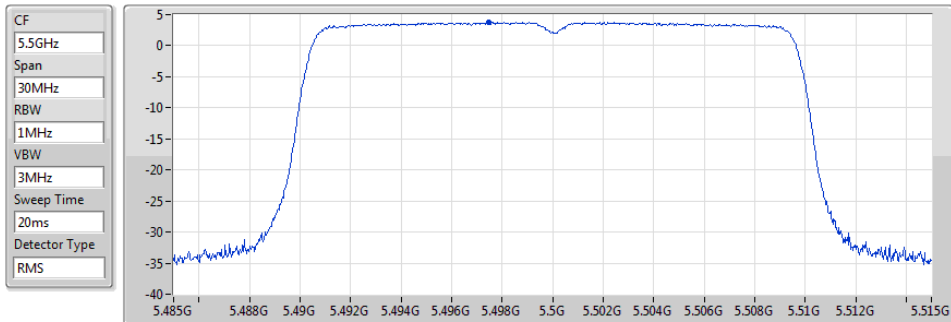


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

09/01/2020

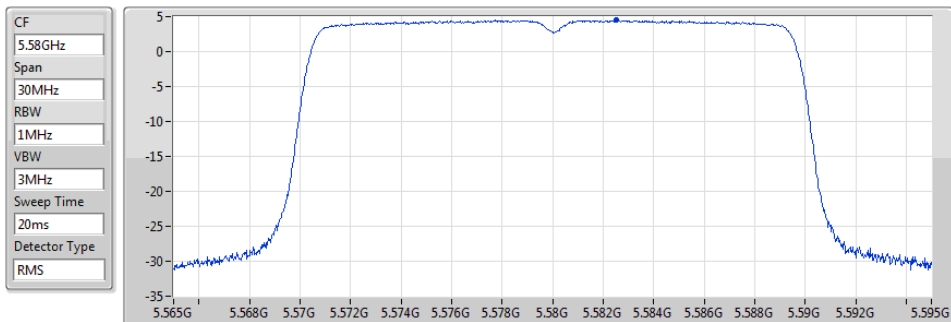


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

09/01/2020

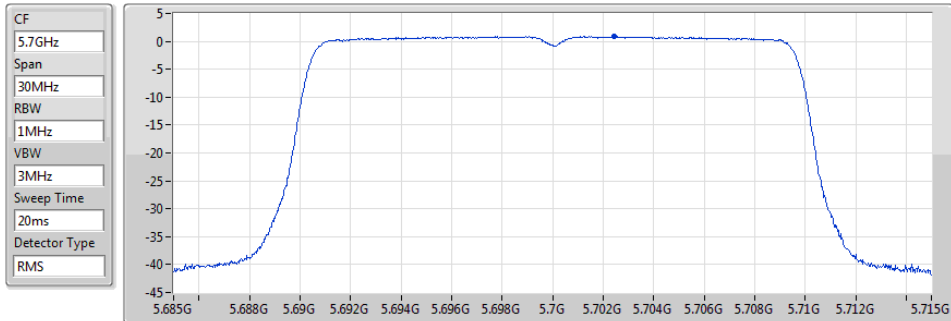


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

09/01/2020



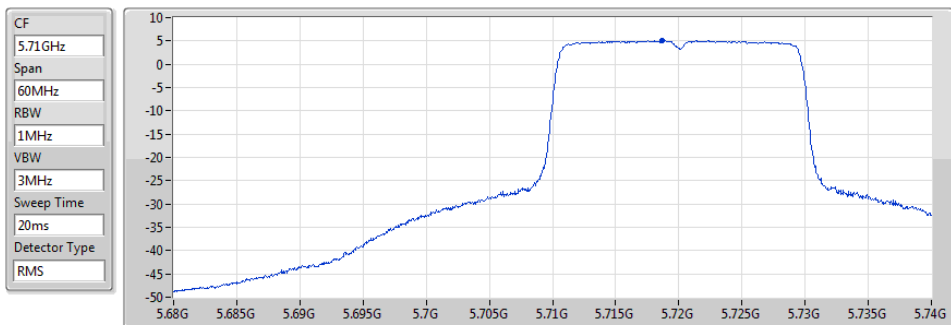
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.88	0.88	0.88

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

09/01/2020



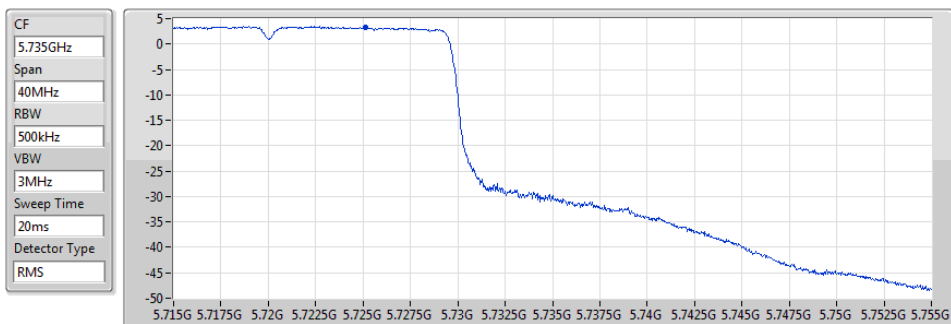
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.06	5.06	5.06

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

09/01/2020



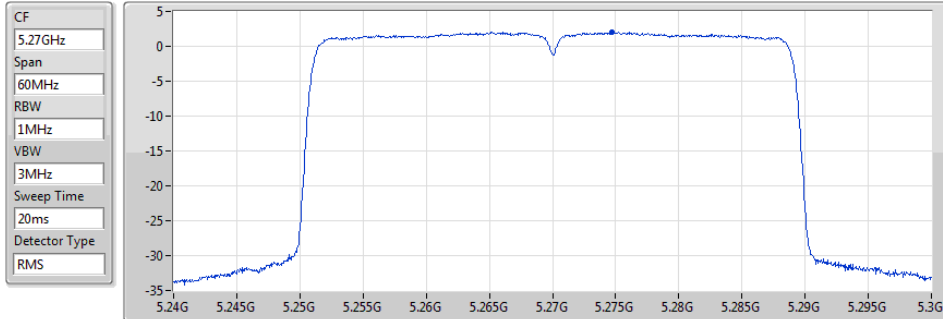
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.24	3.24	3.24

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

09/01/2020



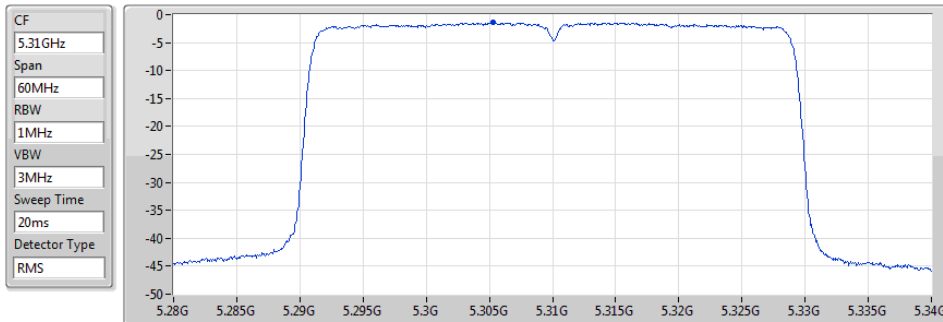
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.98	1.98	1.98

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

09/01/2020



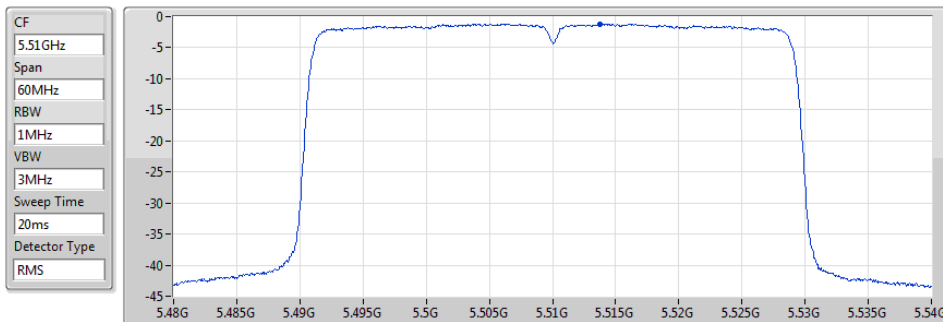
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.45	-1.45	-1.45

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

09/01/2020



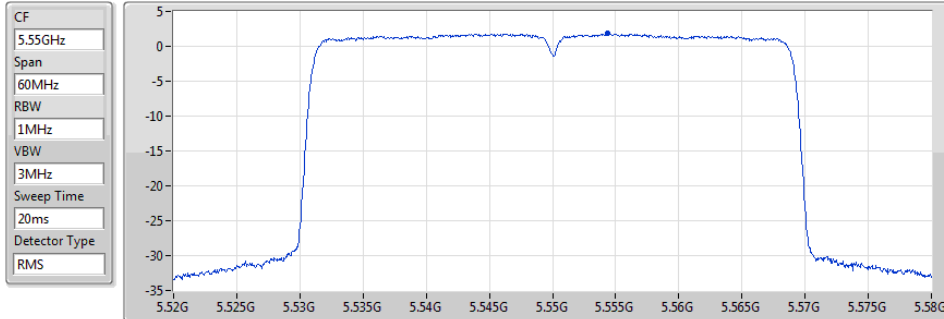
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.18	-1.18	-1.18

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

09/01/2020



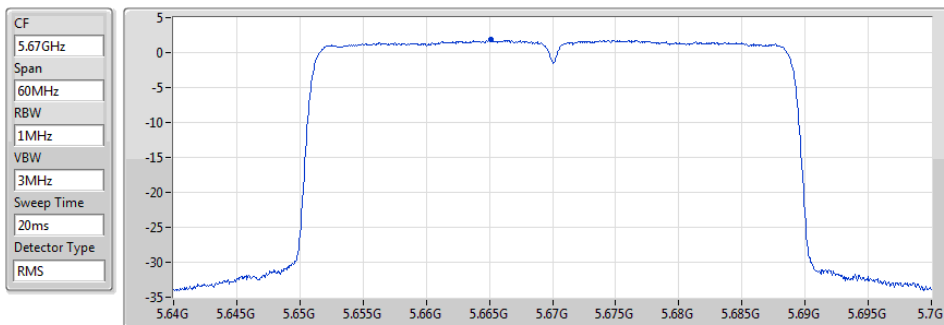
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.81	1.81	1.81

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

09/01/2020



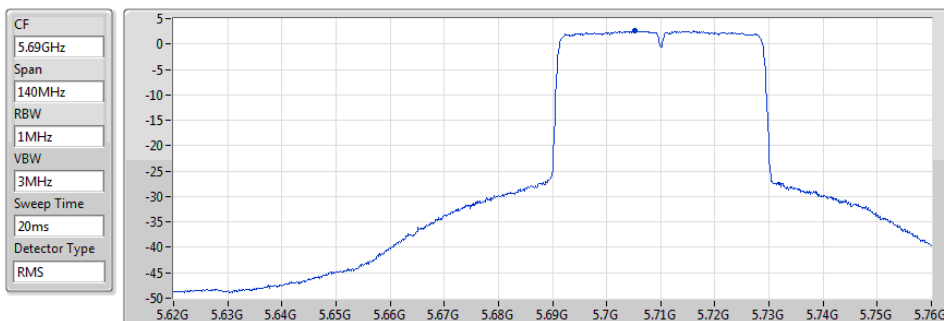
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.85	1.85	1.85

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

09/01/2020



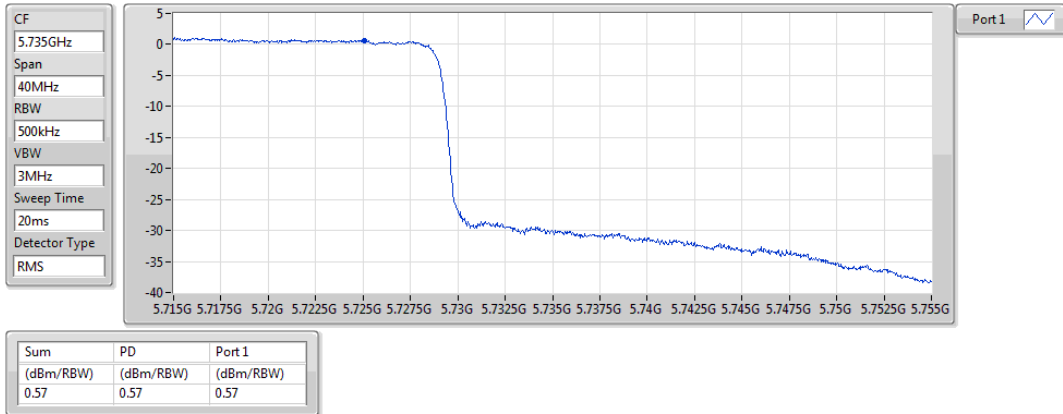
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.62	2.62	2.62

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

09/01/2020

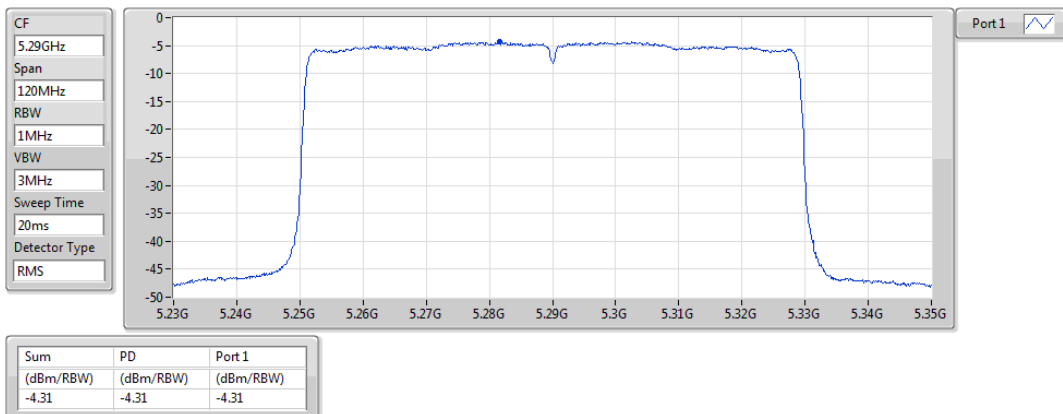


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

09/01/2020

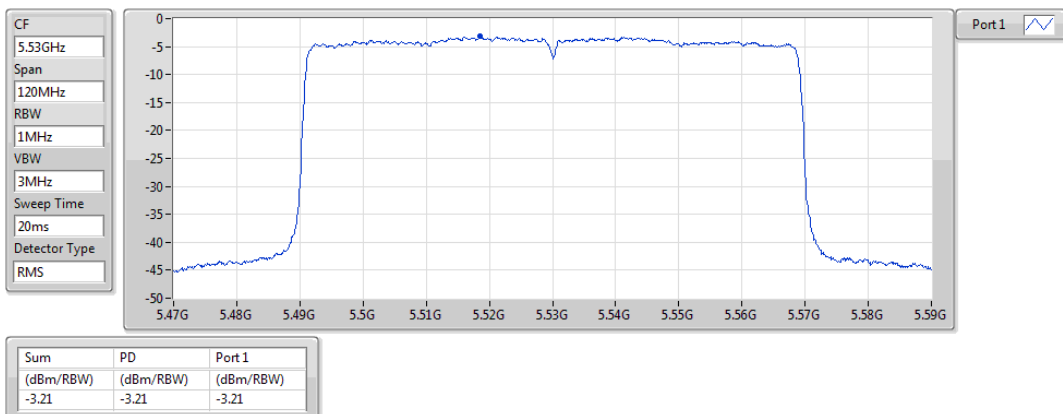


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

09/01/2020

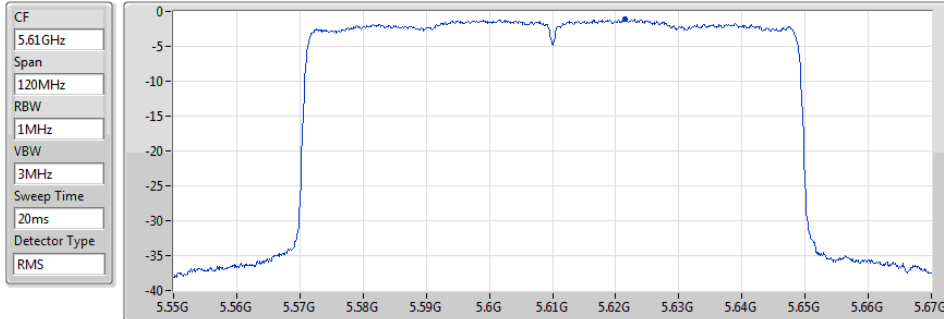


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

09/01/2020



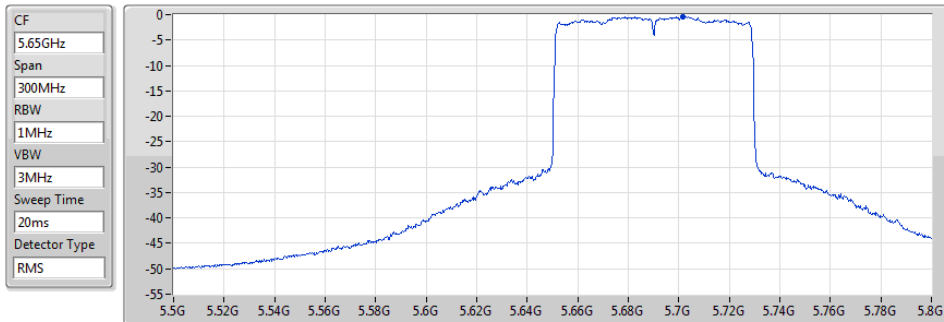
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.13	-1.13	-1.13

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

09/01/2020



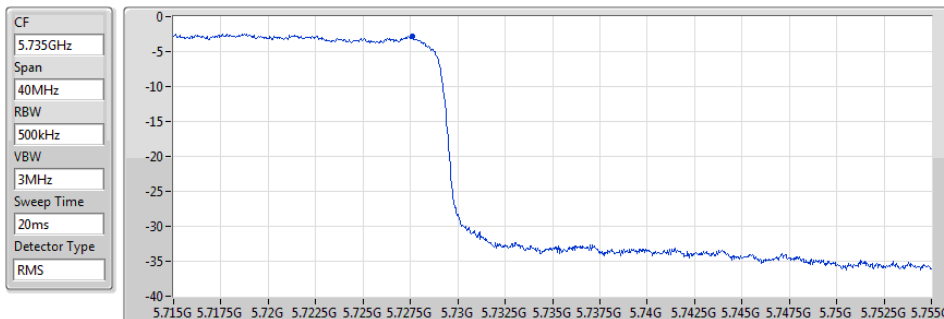
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.40	-0.40	-0.40

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

09/01/2020



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.84	-2.84	-2.84

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	3.23	16.94
802.11ac VHT20_Nss2,(MCS0)_2TX	4.46	15.16
802.11ac VHT40_Nss2,(MCS0)_2TX	1.51	12.21
802.11ac VHT80_Nss2,(MCS0)_2TX	-2.67	8.03
802.11ax HEW20_Nss2,(MCS0)_2TX	4.57	15.27
802.11ax HEW40_Nss2,(MCS0)_2TX	1.74	12.44
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.46	8.24
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	3.23	16.94
802.11ac VHT20_Nss2,(MCS0)_2TX	5.30	16.00
802.11ac VHT40_Nss2,(MCS0)_2TX	2.55	13.25
802.11ac VHT80_Nss2,(MCS0)_2TX	-0.47	10.23
802.11ax HEW20_Nss2,(MCS0)_2TX	5.26	15.96
802.11ax HEW40_Nss2,(MCS0)_2TX	2.78	13.48
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.27	10.43
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	1.50	15.21
802.11ac VHT20_Nss2,(MCS0)_2TX	3.57	14.27
802.11ac VHT40_Nss2,(MCS0)_2TX	0.45	11.15
802.11ac VHT80_Nss2,(MCS0)_2TX	-2.78	7.92
802.11ax HEW20_Nss2,(MCS0)_2TX	3.68	14.38
802.11ax HEW40_Nss2,(MCS0)_2TX	0.88	11.58
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.69	8.01

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	13.71	0.06	0.29	3.14	3.29	16.85	17.00
5300MHz	Pass	13.71	0.07	0.23	3.13	3.29	16.84	17.00
5320MHz	Pass	13.71	0.12	0.40	3.23	3.29	16.94	17.00
5500MHz	Pass	13.71	0.59	-0.02	3.23	3.29	16.94	17.00
5580MHz	Pass	13.71	0.18	0.22	3.19	3.29	16.90	17.00
5700MHz	Pass	13.71	0.23	0.27	3.17	3.29	16.88	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	13.71	0.40	0.05	3.20	3.29	16.91	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	13.71	-1.30	-1.68	1.50	22.29	15.21	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	1.37	1.61	4.39	6.30	15.09	17.00
5300MHz	Pass	10.70	1.31	1.71	4.46	6.30	15.16	17.00
5320MHz	Pass	10.70	1.24	1.80	4.41	6.30	15.11	17.00
5500MHz	Pass	10.70	1.69	1.28	4.46	6.30	15.16	17.00
5580MHz	Pass	10.70	1.62	1.64	4.57	6.30	15.27	17.00
5700MHz	Pass	10.70	1.71	1.80	4.67	6.30	15.37	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	2.34	2.44	5.30	6.30	16.00	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	0.45	0.74	3.57	25.30	14.27	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	-1.48	-1.33	1.51	6.30	12.21	17.00
5310MHz	Pass	10.70	-1.85	-1.63	1.19	6.30	11.89	17.00
5510MHz	Pass	10.70	-1.00	-1.10	1.86	6.30	12.56	17.00
5550MHz	Pass	10.70	-1.25	-1.00	1.82	6.30	12.52	17.00
5670MHz	Pass	10.70	-1.20	-1.22	1.75	6.30	12.45	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	-0.25	-0.46	2.55	6.30	13.25	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	-2.36	-2.54	0.45	25.30	11.15	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	-5.81	-5.47	-2.67	6.30	8.03	17.00
5530MHz	Pass	10.70	-4.64	-4.57	-1.68	6.30	9.02	17.00
5610MHz	Pass	10.70	-4.09	-3.59	-0.93	6.30	9.77	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-3.56	-3.19	-0.47	6.30	10.23	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-6.16	-5.23	-2.78	25.30	7.92	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	1.24	1.59	4.37	6.30	15.07	17.00
5300MHz	Pass	10.70	1.49	1.70	4.57	6.30	15.27	17.00
5320MHz	Pass	10.70	1.34	1.67	4.44	6.30	15.14	17.00
5500MHz	Pass	10.70	1.71	1.44	4.53	6.30	15.23	17.00
5580MHz	Pass	10.70	1.65	1.67	4.64	6.30	15.34	17.00
5700MHz	Pass	10.70	1.63	1.80	4.65	6.30	15.35	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	2.31	2.38	5.26	6.30	15.96	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	0.66	0.68	3.68	25.30	14.38	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	-1.21	-1.09	1.74	6.30	12.44	17.00
5310MHz	Pass	10.70	-1.76	-1.76	1.23	6.30	11.93	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5510MHz	Pass	10.70	-0.96	-1.13	1.95	6.30	12.65	17.00
5550MHz	Pass	10.70	-1.12	-1.01	1.92	6.30	12.62	17.00
5670MHz	Pass	10.70	-1.10	-1.02	1.81	6.30	12.51	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	-0.07	-0.18	2.78	6.30	13.48	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	-2.01	-2.11	0.88	25.30	11.58	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	-5.56	-5.24	-2.46	6.30	8.24	17.00
5530MHz	Pass	10.70	-4.50	-4.45	-1.53	6.30	9.17	17.00
5610MHz	Pass	10.70	-3.86	-3.41	-0.63	6.30	10.07	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-3.34	-3.13	-0.27	6.30	10.43	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-5.89	-5.38	-2.69	25.30	8.01	36.00

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

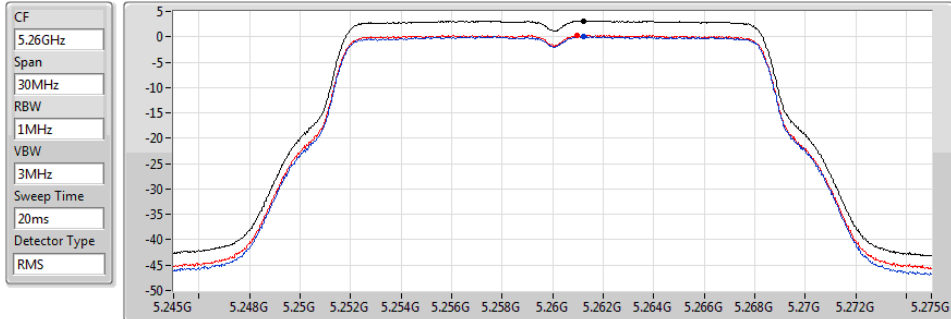
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

09/01/2020



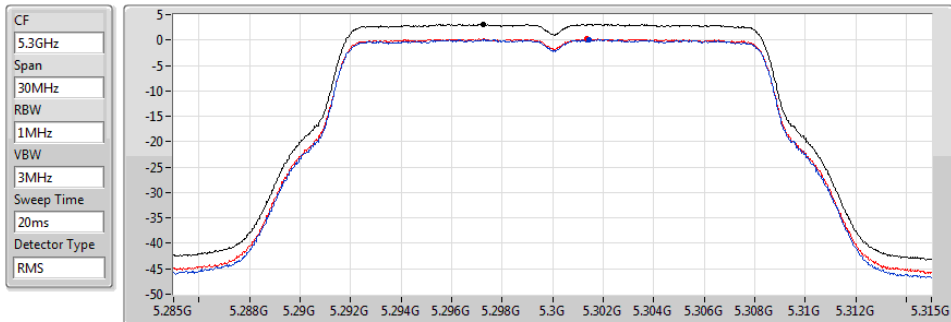
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.14	3.14	0.06	0.29

802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

09/01/2020



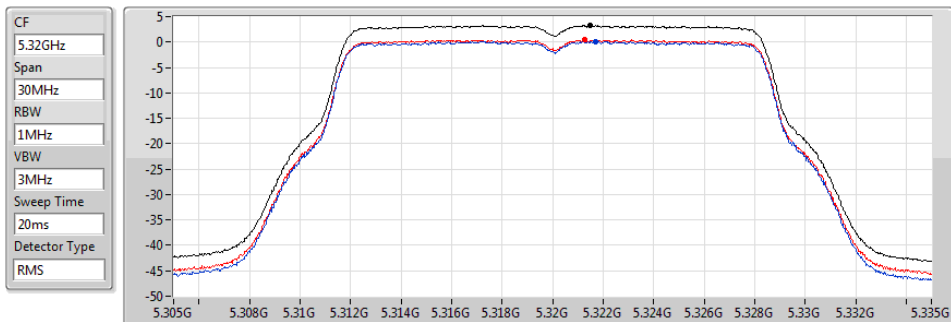
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.13	3.13	0.07	0.23

802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

09/01/2020



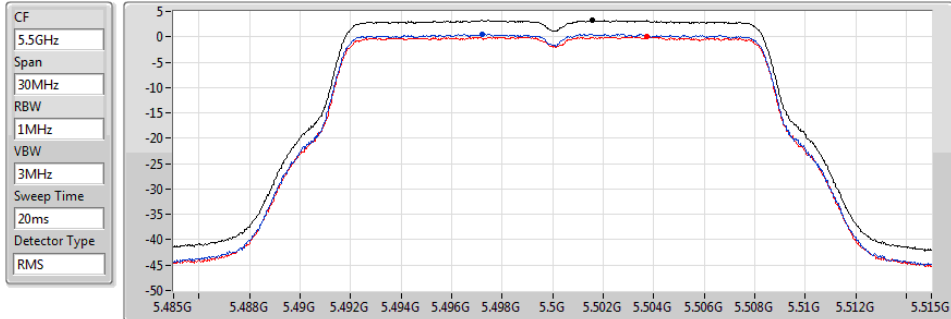
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.23	3.23	0.12	0.40

802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

09/01/2020



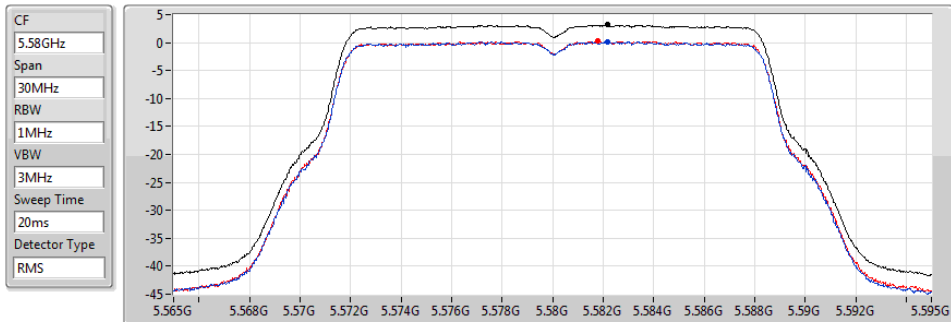
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.23	3.23	0.59	-0.02

802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

09/01/2020



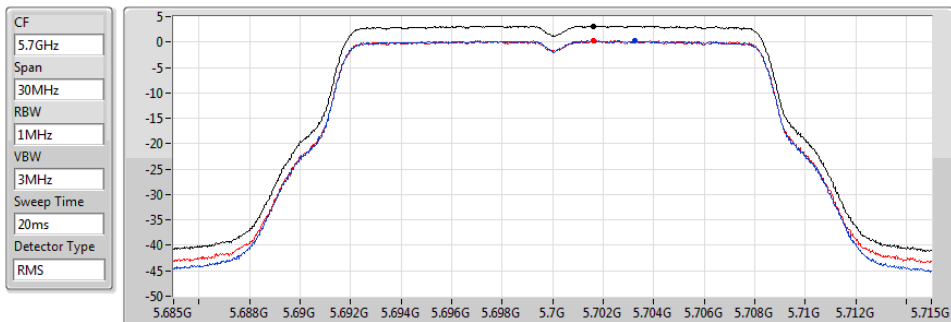
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.19	3.19	0.18	0.22

802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

09/01/2020



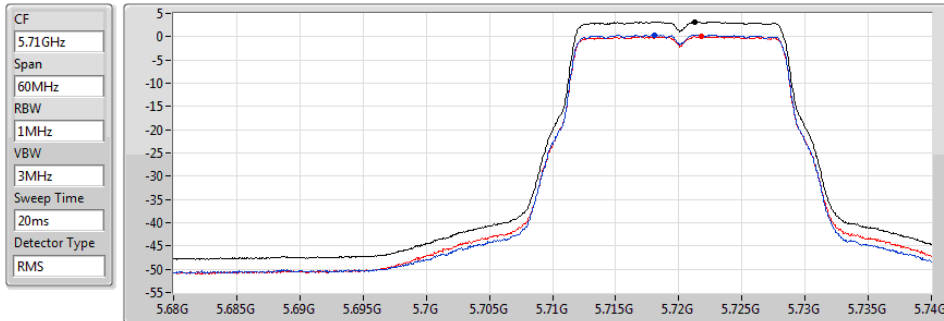
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.17	3.17	0.23	0.27

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

09/01/2020



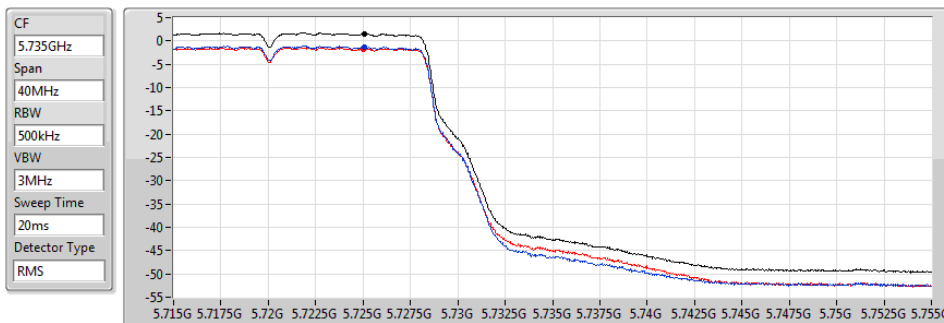
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.20	3.20	0.40	0.05

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

09/01/2020



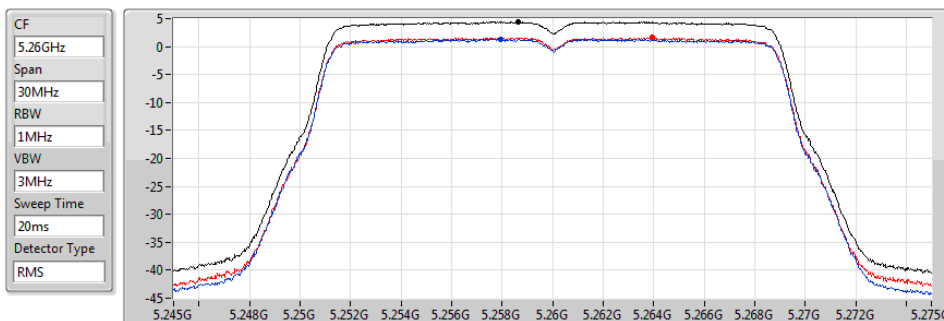
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.50	1.50	-1.30	-1.68

802.11ac VHT20_Nss2,(MCS0)_2TX

5260MHz

PSD

10/01/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.39	4.39	1.37	1.61

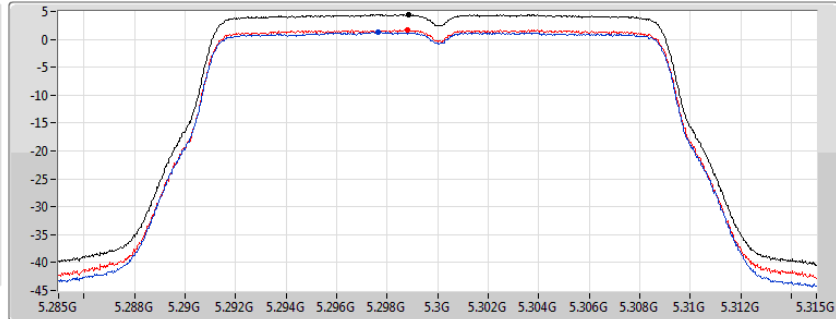
802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5300MHz

10/01/2020

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



Sum ☒
Port 1 ☒
Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.46	4.46	1.31	1.71

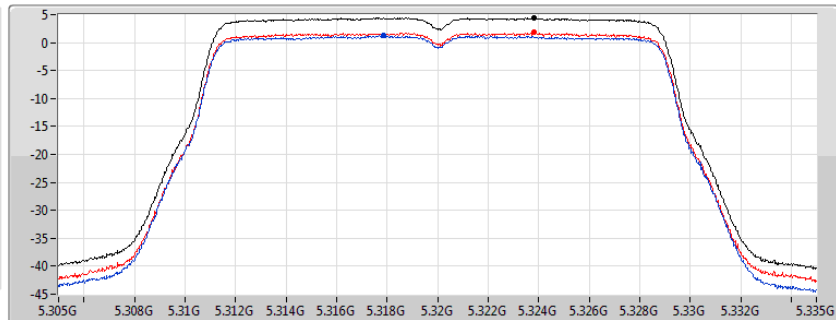
802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5320MHz

10/01/2020

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



Sum ☒
Port 1 ☒
Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.41	4.41	1.24	1.80

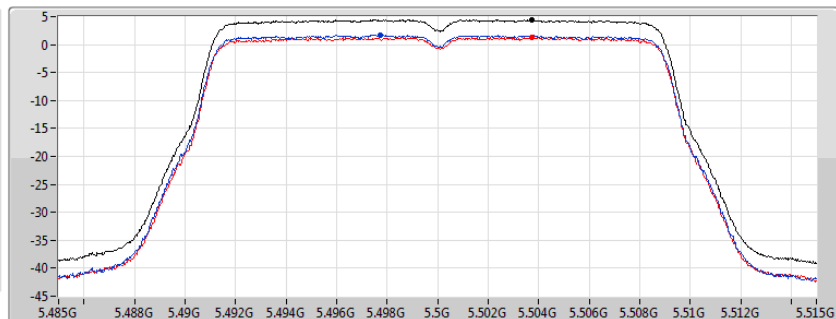
802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5500MHz

10/01/2020

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



Sum ☒
Port 1 ☒
Port 2 ☒

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.46	4.46	1.69	1.28

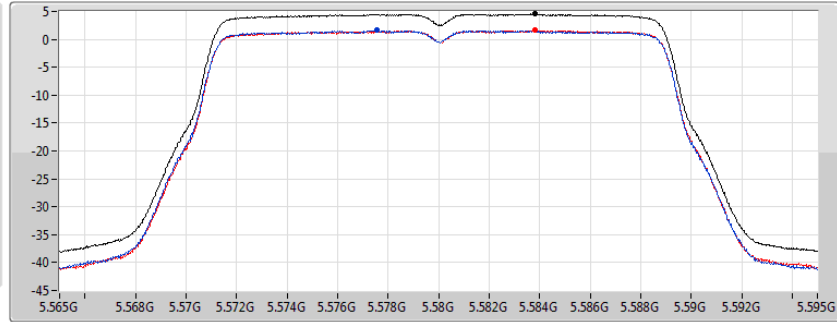
802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5580MHz

10/01/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.57	4.57	1.62	1.64

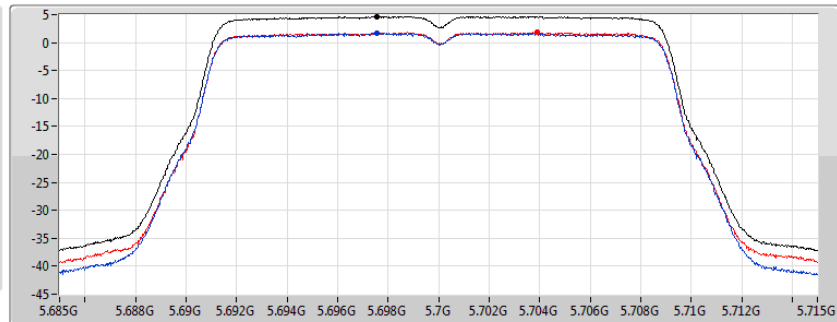
802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5700MHz

10/01/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.67	4.67	1.71	1.80

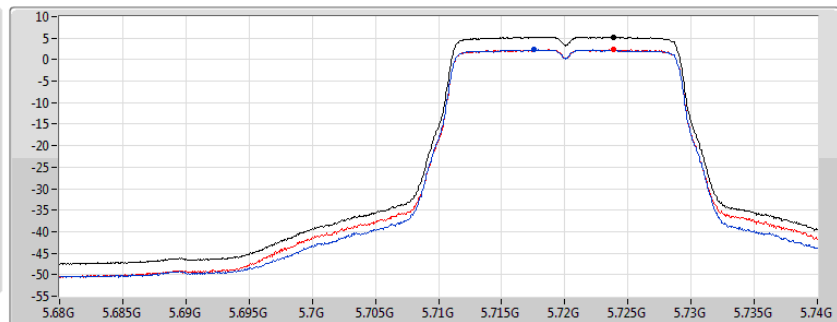
802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

10/01/2020

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

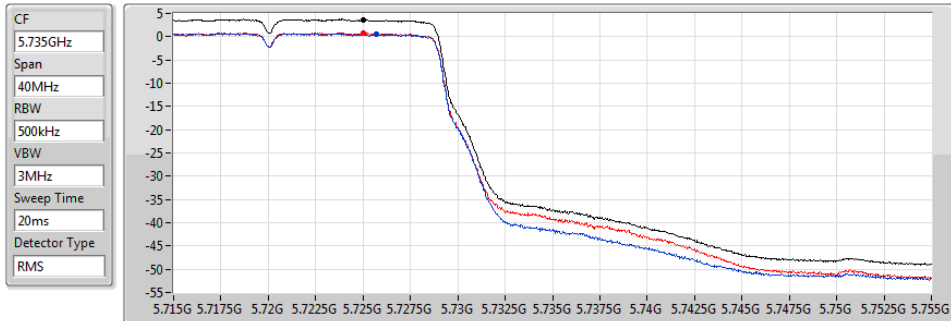
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.30	5.30	2.34	2.44

802.11ac VHT20_Nss2,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

10/01/2020



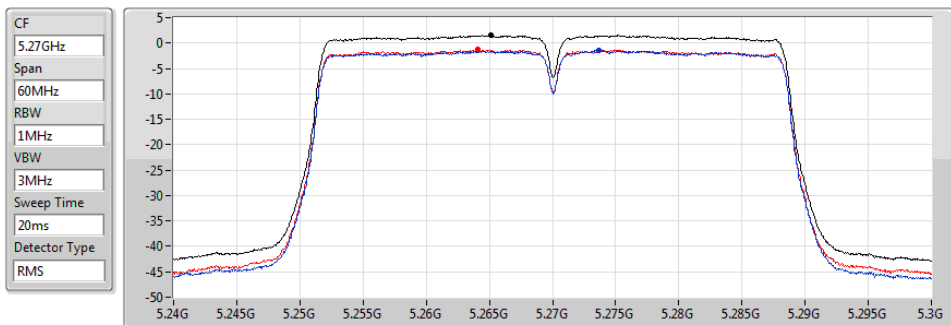
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.57	3.57	0.45	0.74

802.11ac VHT40_Nss2,(MCS0)_2TX

5270MHz

PSD

10/01/2020



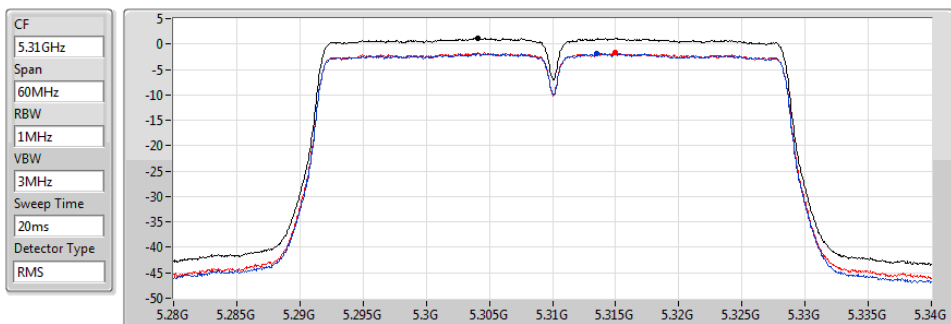
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.51	1.51	-1.48	-1.33

802.11ac VHT40_Nss2,(MCS0)_2TX

5310MHz

PSD

10/01/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.19	1.19	-1.85	-1.63

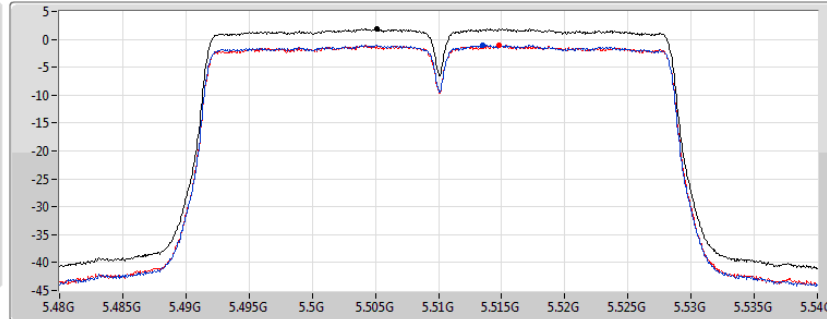
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5510MHz

10/01/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.86	1.86	-1.00	-1.10

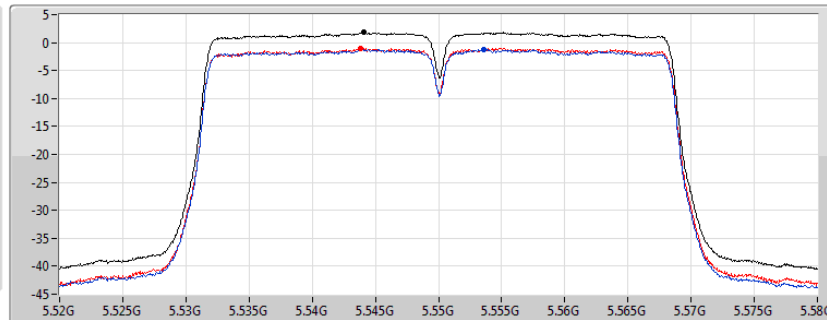
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5550MHz

10/01/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.82	1.82	-1.25	-1.00

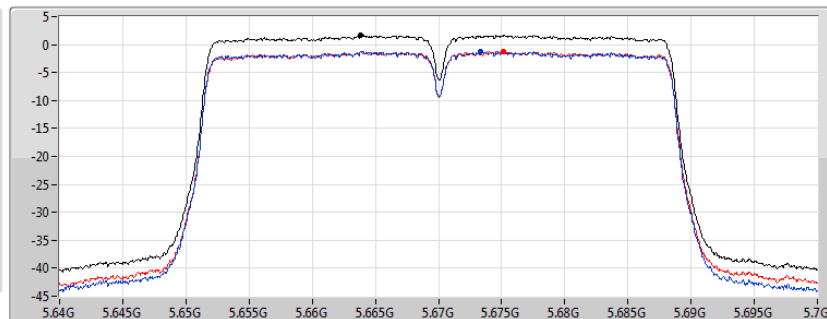
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5670MHz

10/01/2020

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



Sum
Port 1
Port 2

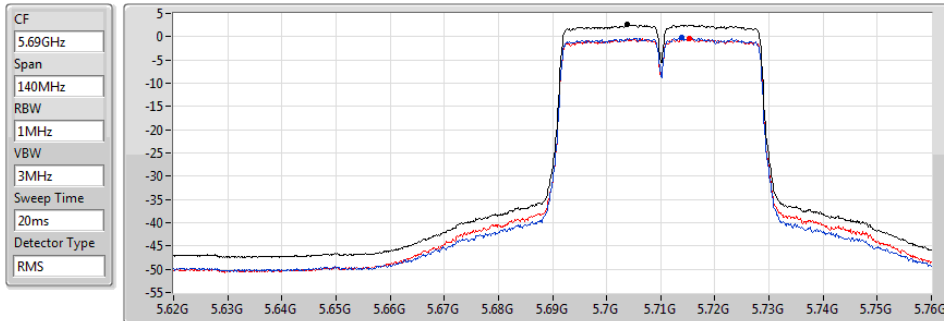
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.75	1.75	-1.20	-1.22

802.11ac VHT40_Nss2,(MCS0)_2TX

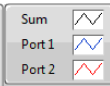
5710MHz Straddle 5.47-5.725GHz

PSD

10/01/2020



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.55	2.55	-0.25	-0.46

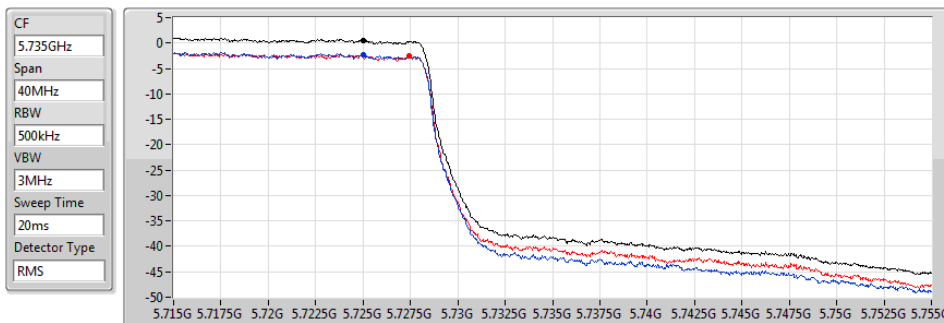


802.11ac VHT40_Nss2,(MCS0)_2TX

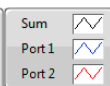
5710MHz Straddle 5.725-5.85GHz

PSD

10/01/2020



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.45	0.45	-2.36	-2.54

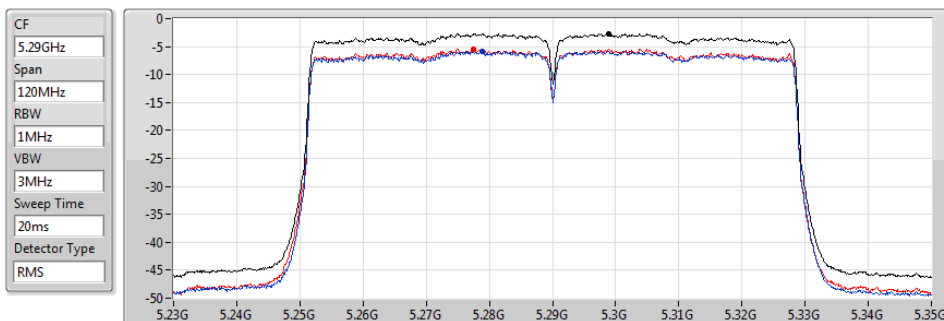


802.11ac VHT80_Nss2,(MCS0)_2TX

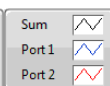
5290MHz

PSD

10/01/2020



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-2.67	-2.67	-5.81	-5.47

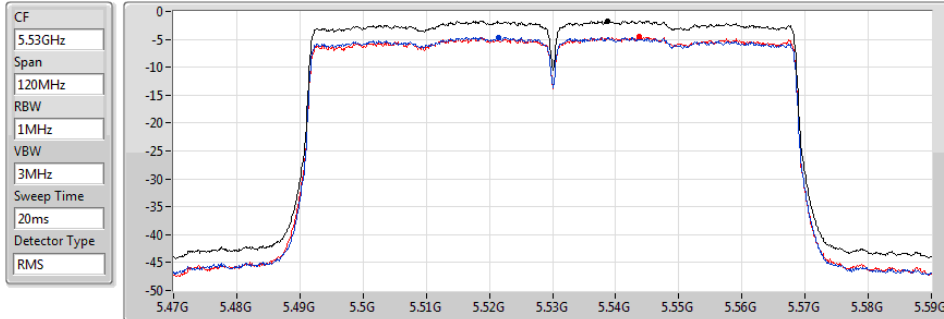


802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5530MHz

10/01/2020



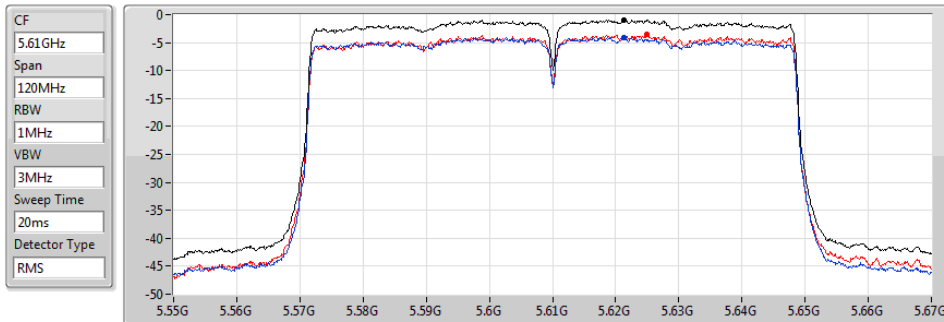
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.68	-1.68	-4.64	-4.57

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5610MHz

10/01/2020



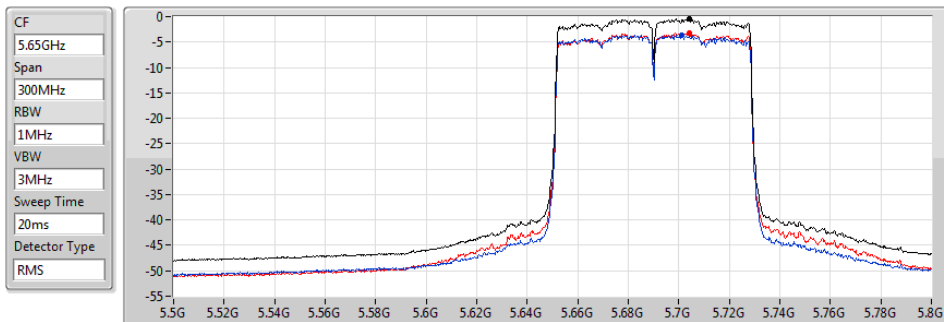
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.93	-0.93	-4.09	-3.59

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

10/01/2020



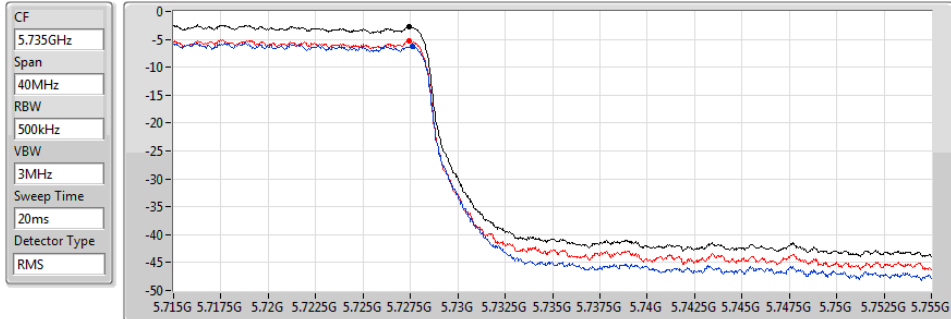
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.47	-0.47	-3.56	-3.19

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

10/01/2020



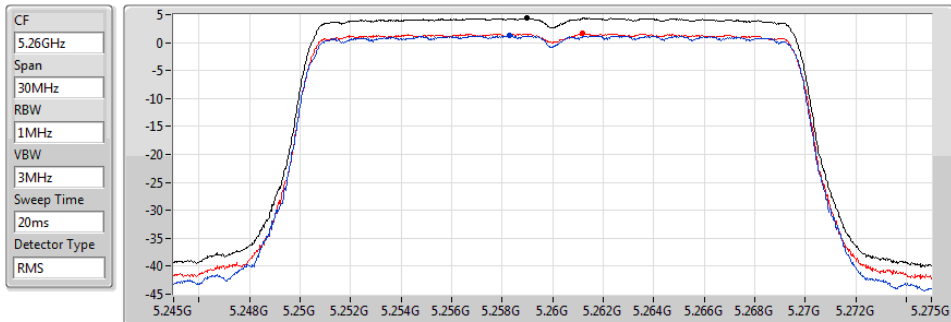
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.78	-2.78	-6.16	-5.23

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5260MHz

09/01/2020



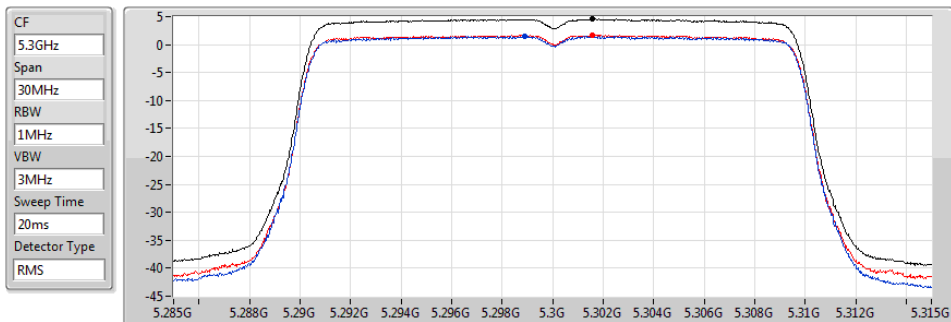
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.37	4.37	1.24	1.59

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5300MHz

09/01/2020



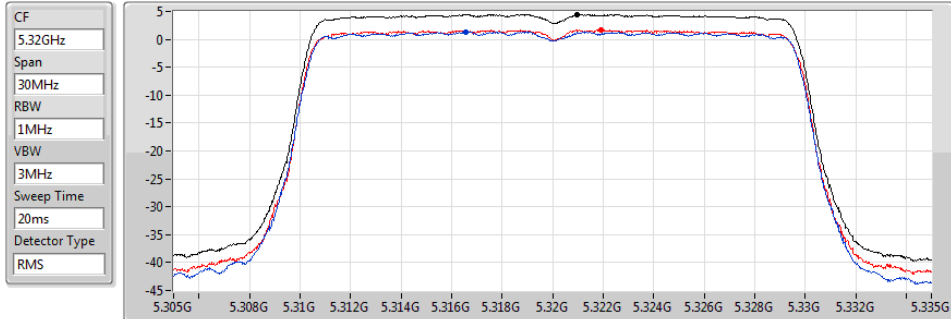
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.57	4.57	1.49	1.70

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5320MHz

09/01/2020



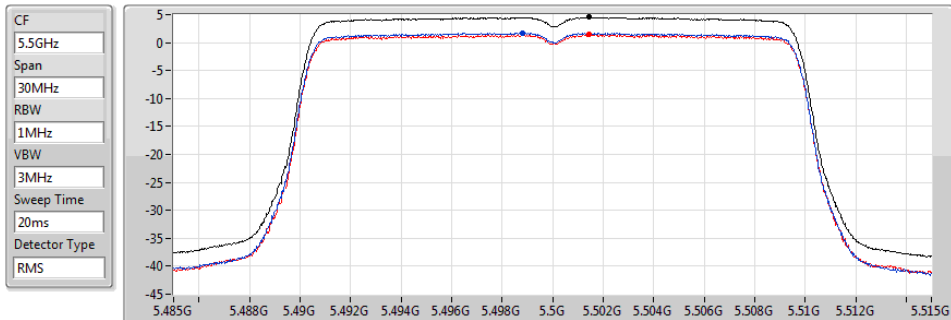
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.44	4.44	1.34	1.67

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5500MHz

09/01/2020



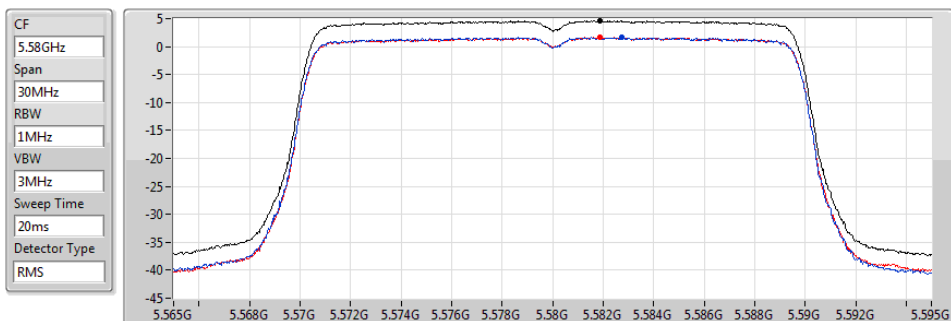
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.53	4.53	1.71	1.44

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5580MHz

09/01/2020



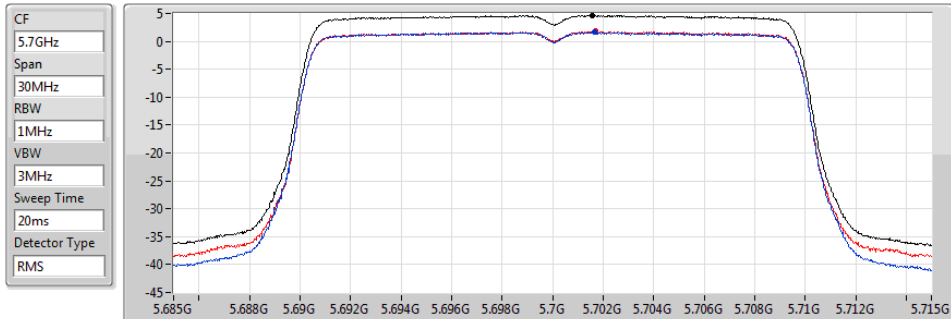
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.64	4.64	1.65	1.67

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5700MHz

09/01/2020



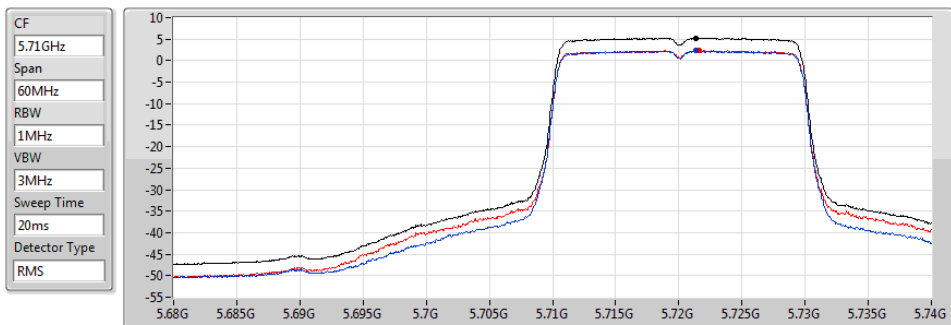
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.65	4.65	1.63	1.80

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

09/01/2020



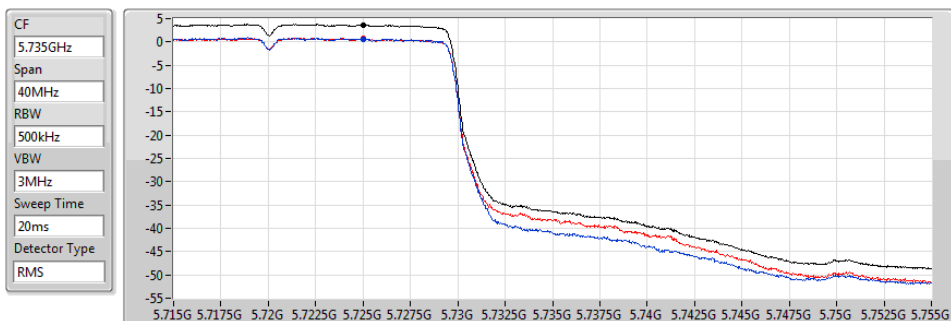
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.26	5.26	2.31	2.38

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

09/01/2020



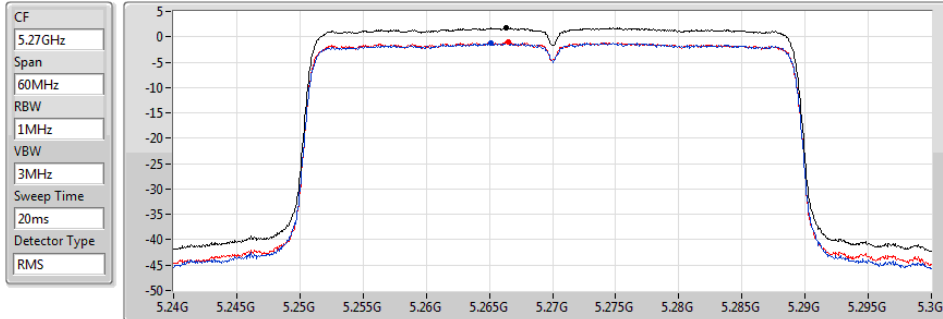
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.68	3.68	0.66	0.68

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5270MHz

09/01/2020



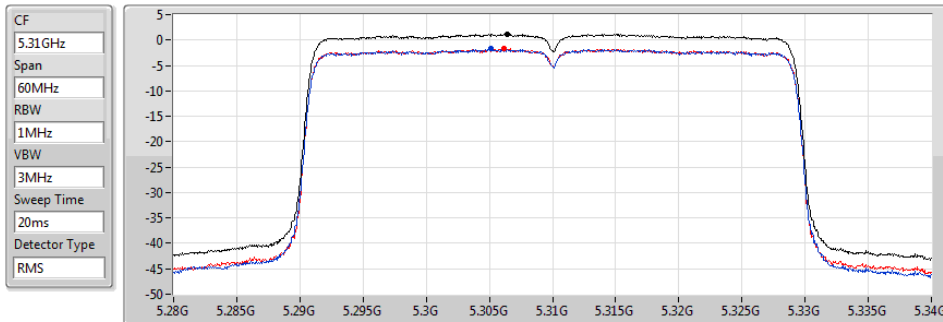
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.74	1.74	-1.21	-1.09

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5310MHz

09/01/2020



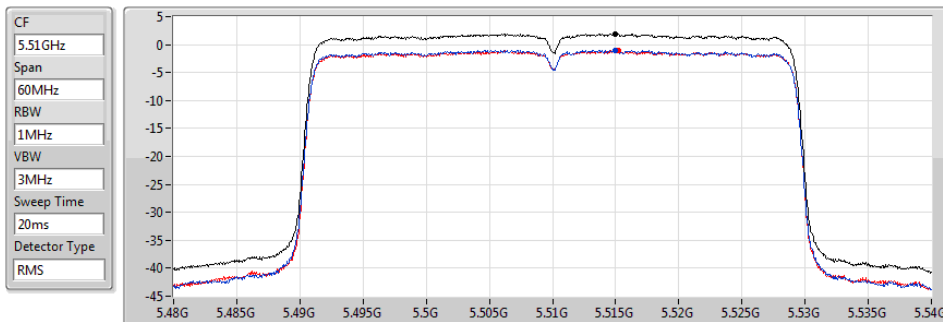
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.23	1.23	-1.76	-1.76

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5510MHz

09/01/2020



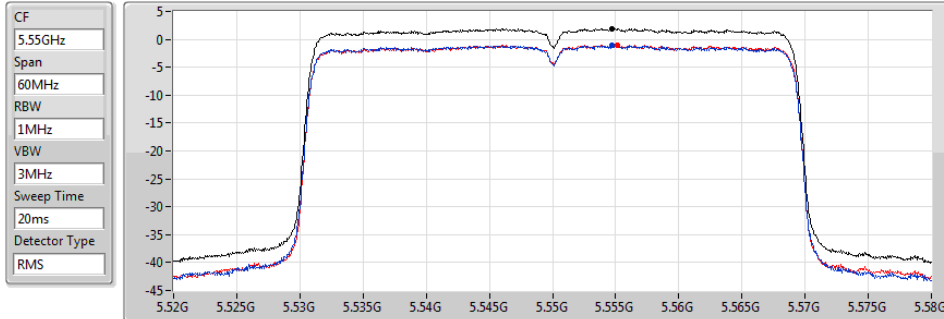
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.95	1.95	-0.96	-1.13

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5550MHz

09/01/2020



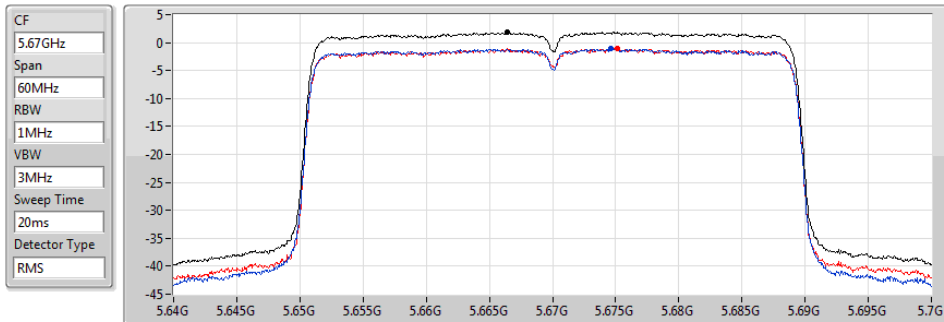
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.92	1.92	-1.12	-1.01

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5670MHz

09/01/2020



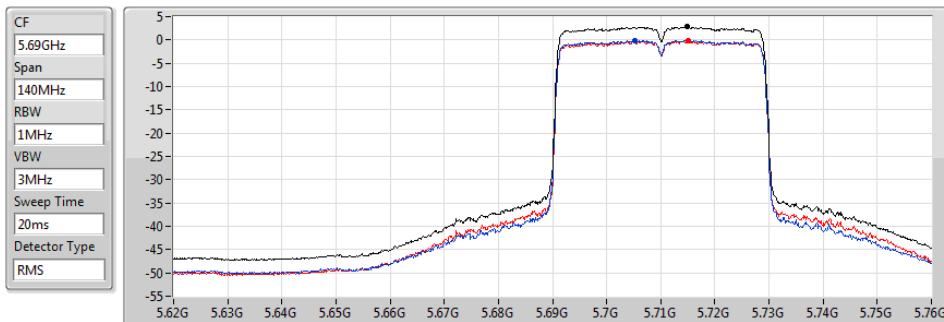
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.81	1.81	-1.10	-1.02

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

10/01/2020



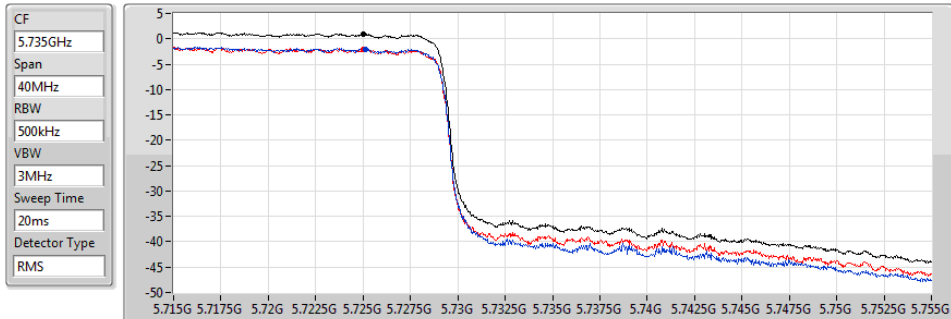
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.78	2.78	-0.07	-0.18

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

10/01/2020



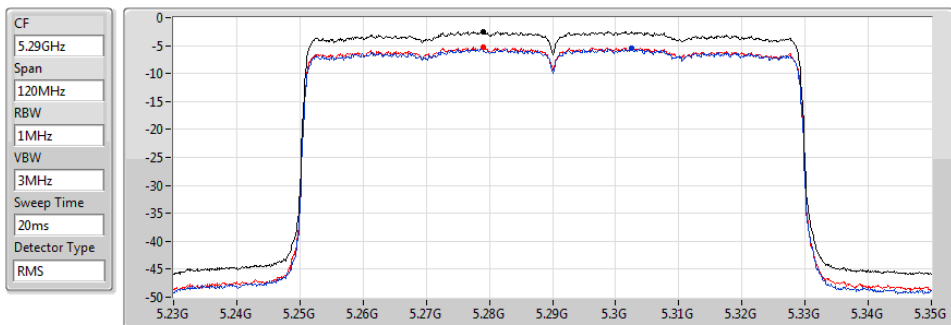
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.88	0.88	-2.01	-2.11

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5290MHz

10/01/2020



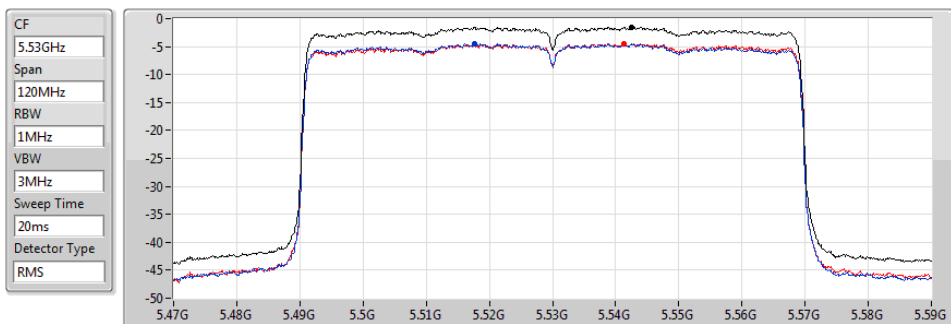
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.46	-2.46	-5.56	-5.24

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5530MHz

10/01/2020



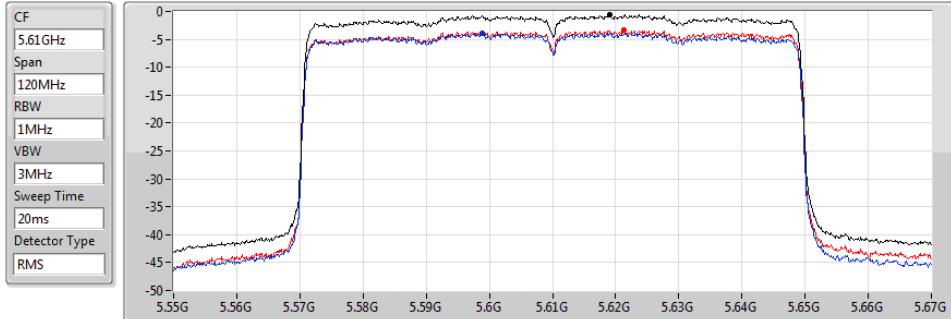
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.53	-1.53	-4.50	-4.45

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5610MHz

10/01/2020



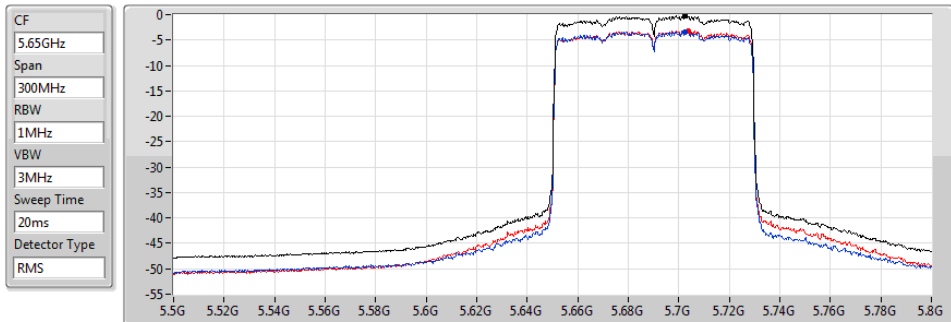
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.63	-0.63	-3.86	-3.41

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

10/01/2020



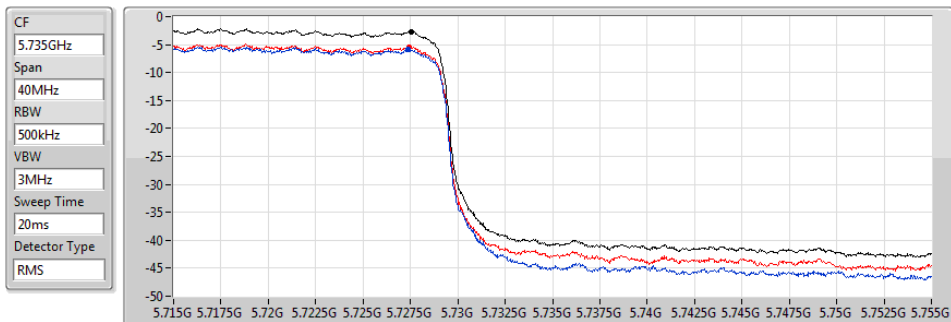
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.27	-0.27	-3.34	-3.13

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

10/01/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.69	-2.69	-5.89	-5.38

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.74	16.74
802.11ac VHT20_Nss1,(MCS0)_1TX	8.30	16.30
802.11ac VHT40_Nss1,(MCS0)_1TX	4.64	12.64
802.11ac VHT80_Nss1,(MCS0)_1TX	-3.44	4.56
802.11ax HEW20_Nss1,(MCS0)_1TX	8.16	16.16
802.11ax HEW40_Nss1,(MCS0)_1TX	4.60	12.60
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.16	4.84
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.92	16.92
802.11ac VHT20_Nss1,(MCS0)_1TX	8.38	16.38
802.11ac VHT40_Nss1,(MCS0)_1TX	5.40	13.40
802.11ac VHT80_Nss1,(MCS0)_1TX	2.37	10.37
802.11ax HEW20_Nss1,(MCS0)_1TX	8.16	16.16
802.11ax HEW40_Nss1,(MCS0)_1TX	5.35	13.35
802.11ax HEW80_Nss1,(MCS0)_1TX	2.46	10.46
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	7.13	15.13
802.11ac VHT20_Nss1,(MCS0)_1TX	6.54	14.54
802.11ac VHT40_Nss1,(MCS0)_1TX	3.19	11.19
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.53	7.47
802.11ax HEW20_Nss1,(MCS0)_1TX	6.41	14.41
802.11ax HEW40_Nss1,(MCS0)_1TX	3.25	11.25
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.12	7.88

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	8.70	8.70	9.00	16.70	17.00
5300MHz	Pass	8.00	8.74	8.74	9.00	16.74	17.00
5320MHz	Pass	8.00	5.99	5.99	9.00	13.99	17.00
5500MHz	Pass	8.00	3.87	3.87	9.00	11.87	17.00
5580MHz	Pass	8.00	8.83	8.83	9.00	16.83	17.00
5700MHz	Pass	8.00	4.09	4.09	9.00	12.09	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	8.92	8.92	9.00	16.92	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	7.13	7.13	28.00	15.13	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	8.14	8.14	9.00	16.14	17.00
5300MHz	Pass	8.00	8.30	8.30	9.00	16.30	17.00
5320MHz	Pass	8.00	4.58	4.58	9.00	12.58	17.00
5500MHz	Pass	8.00	3.91	3.91	9.00	11.91	17.00
5580MHz	Pass	8.00	8.21	8.21	9.00	16.21	17.00
5700MHz	Pass	8.00	1.14	1.14	9.00	9.14	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	8.38	8.38	9.00	16.38	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	6.54	6.54	28.00	14.54	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	8.00	4.64	4.64	9.00	12.64	17.00
5310MHz	Pass	8.00	-0.58	-0.58	9.00	7.42	17.00
5510MHz	Pass	8.00	-0.67	-0.67	9.00	7.33	17.00
5550MHz	Pass	8.00	3.88	3.88	9.00	11.88	17.00
5670MHz	Pass	8.00	2.26	2.26	9.00	10.26	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	5.40	5.40	9.00	13.40	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	3.19	3.19	28.00	11.19	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	8.00	-3.44	-3.44	9.00	4.56	17.00
5530MHz	Pass	8.00	-3.63	-3.63	9.00	4.37	17.00
5610MHz	Pass	8.00	-0.47	-0.47	9.00	7.53	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	2.37	2.37	9.00	10.37	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-0.53	-0.53	28.00	7.47	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	8.16	8.16	9.00	16.16	17.00
5300MHz	Pass	8.00	7.83	7.83	9.00	15.83	17.00
5320MHz	Pass	8.00	3.08	3.08	9.00	11.08	17.00
5500MHz	Pass	8.00	3.95	3.95	9.00	11.95	17.00
5580MHz	Pass	8.00	8.07	8.07	9.00	16.07	17.00
5700MHz	Pass	8.00	1.15	1.15	9.00	9.15	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	8.16	8.16	9.00	16.16	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	6.41	6.41	28.00	14.41	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	8.00	4.60	4.60	9.00	12.60	17.00
5310MHz	Pass	8.00	-0.52	-0.52	9.00	7.48	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5510MHz	Pass	8.00	-0.71	-0.71	9.00	7.29	17.00
5550MHz	Pass	8.00	3.86	3.86	9.00	11.86	17.00
5670MHz	Pass	8.00	2.23	2.23	9.00	10.23	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	5.35	5.35	9.00	13.35	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	3.25	3.25	28.00	11.25	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	8.00	-3.16	-3.16	9.00	4.84	17.00
5530MHz	Pass	8.00	-3.48	-3.48	9.00	4.52	17.00
5610MHz	Pass	8.00	-0.27	-0.27	9.00	7.73	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	2.46	2.46	9.00	10.46	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-0.12	-0.12	28.00	7.88	36.00

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

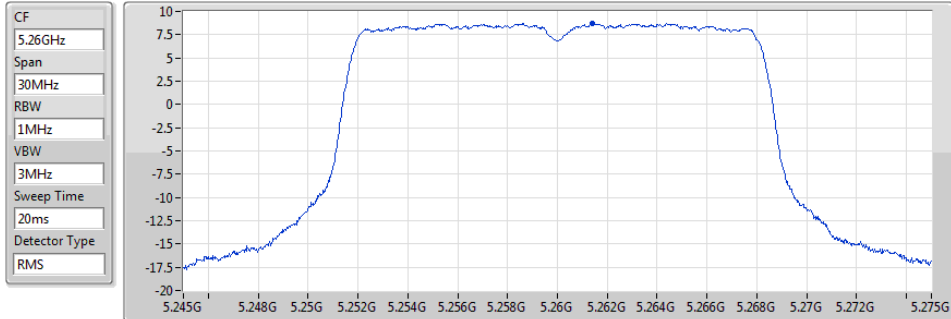
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

09/01/2020



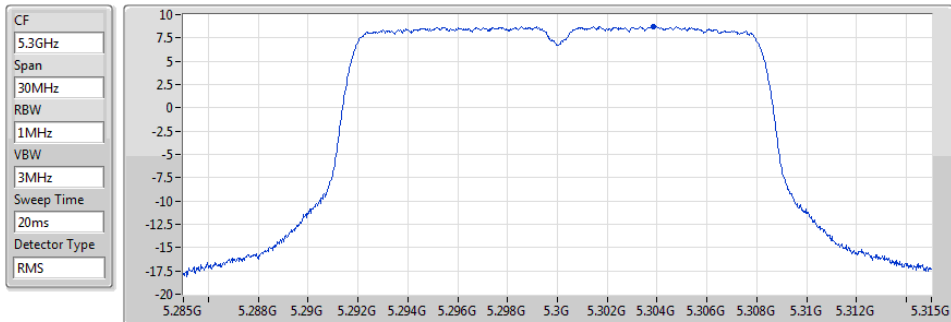
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.70	8.70	8.70

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

09/01/2020



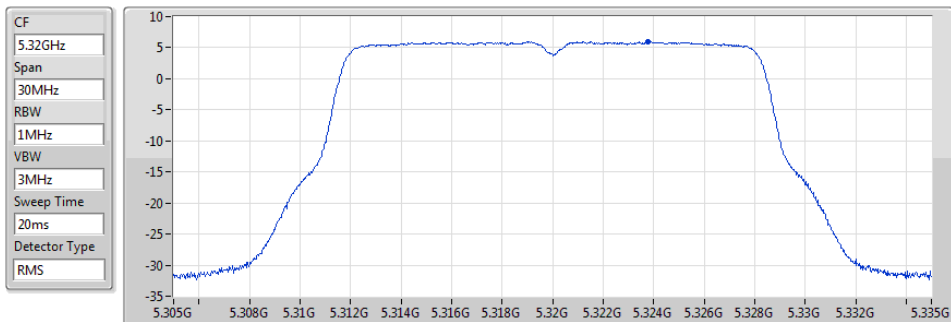
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.74	8.74	8.74

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

09/01/2020



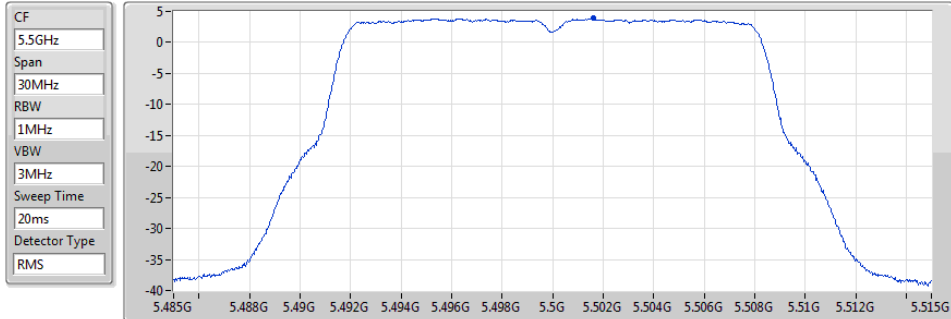
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.99	5.99	5.99

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

09/01/2020



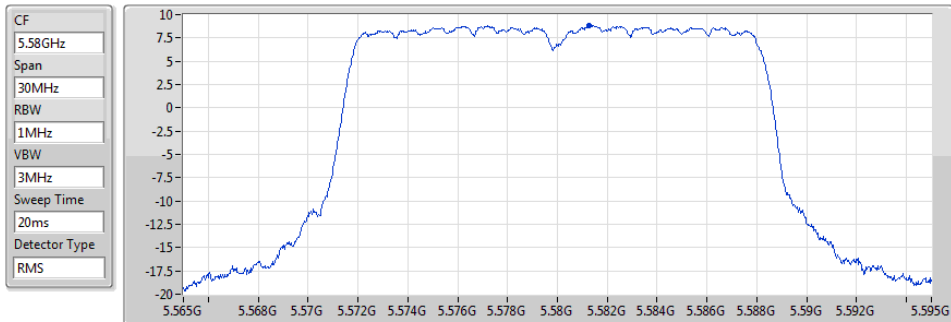
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.87	3.87	3.87

802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

09/01/2020



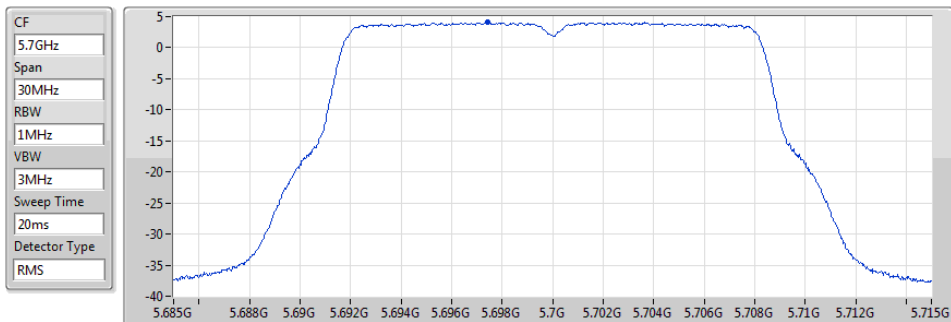
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.83	8.83	8.83

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

09/01/2020



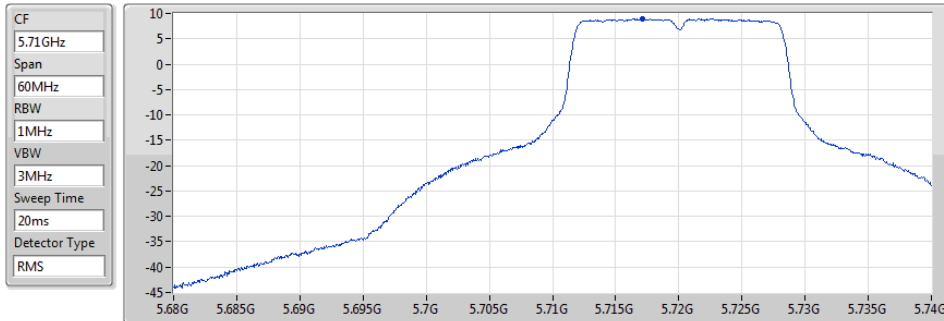
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.09	4.09	4.09

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

09/01/2020



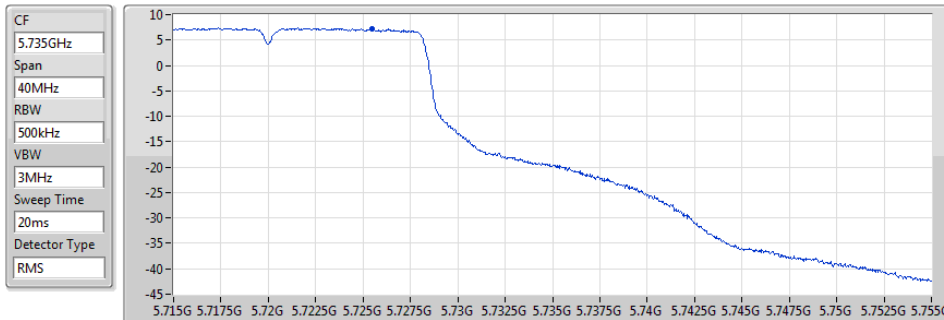
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.92	8.92	8.92

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

09/01/2020



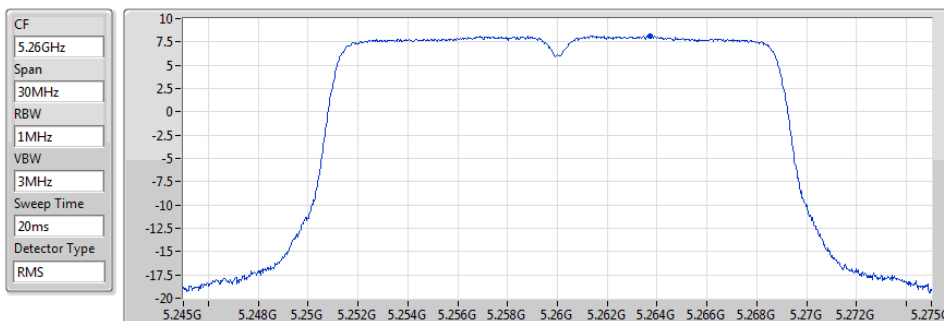
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
7.13	7.13	7.13

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

09/01/2020



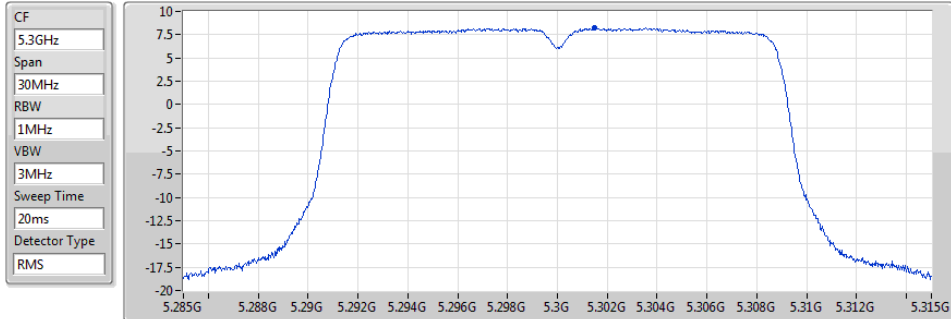
Sum	PD	Port1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.14	8.14	8.14

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

09/01/2020



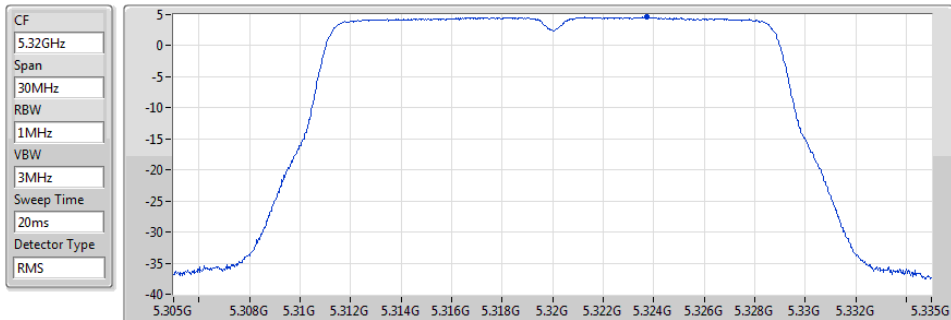
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.30	8.30	8.30

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

09/01/2020



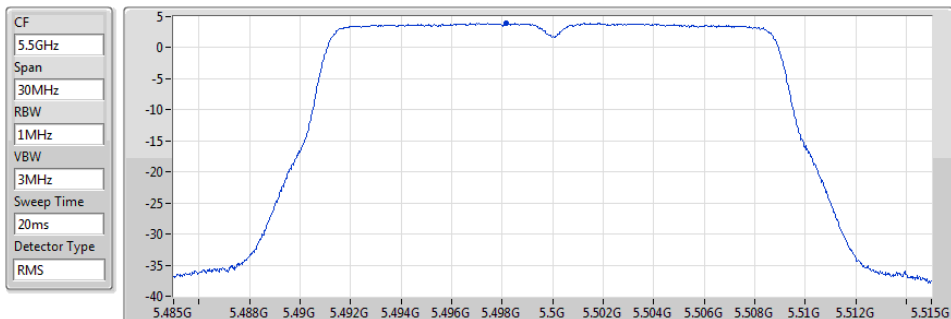
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.58	4.58	4.58

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

09/01/2020



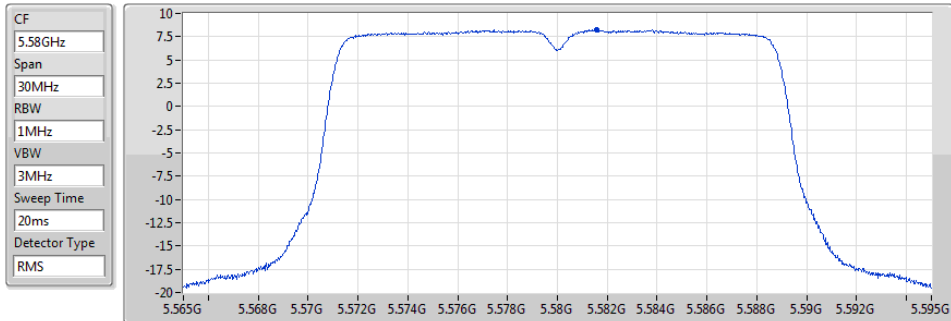
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.91	3.91	3.91

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

09/01/2020



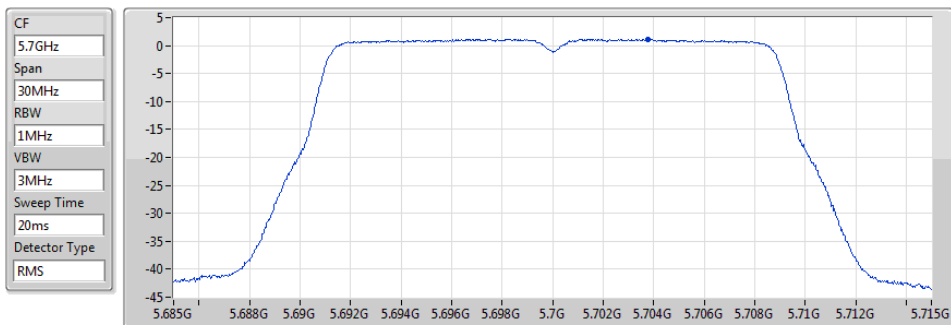
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.21	8.21	8.21

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

09/01/2020



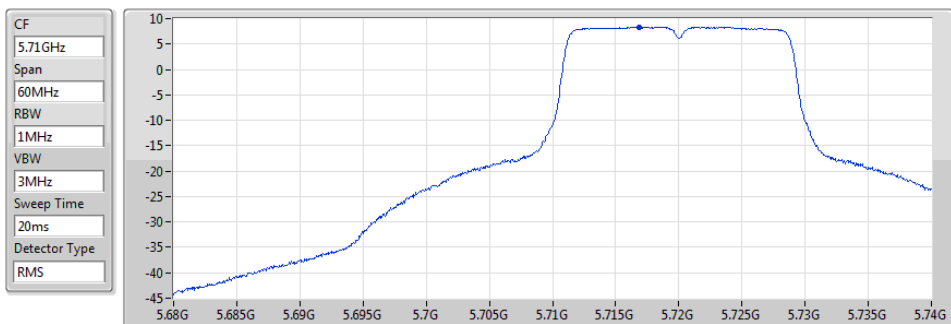
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.14	1.14	1.14

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

09/01/2020



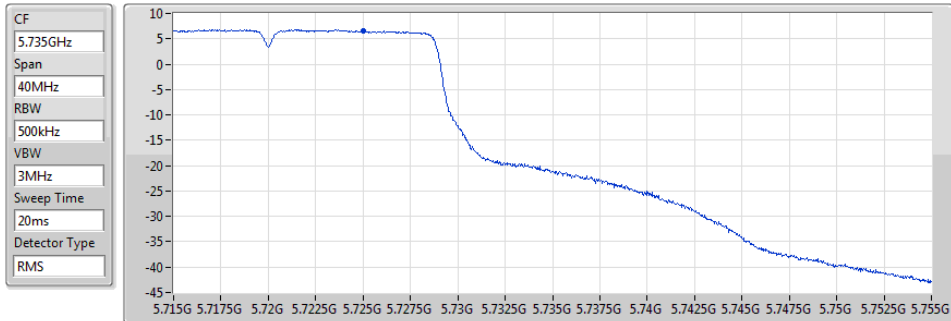
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.38	8.38	8.38

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

09/01/2020



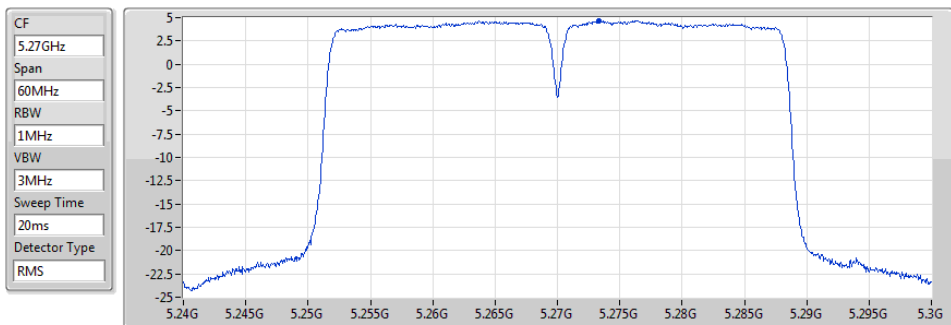
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.54	6.54	6.54

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

09/01/2020



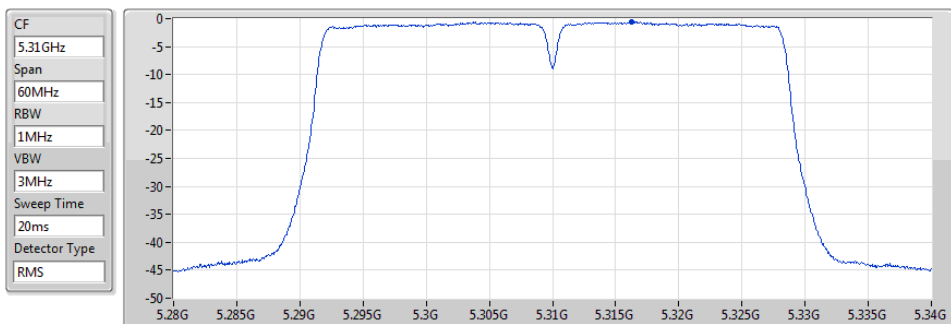
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.64	4.64	4.64

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

09/01/2020



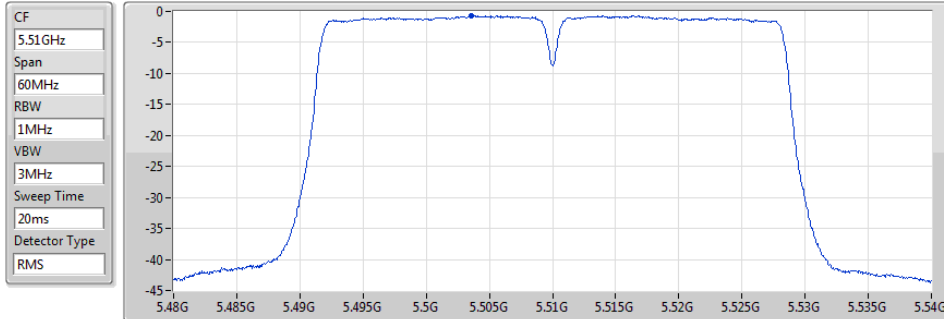
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.58	-0.58	-0.58

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

09/01/2020



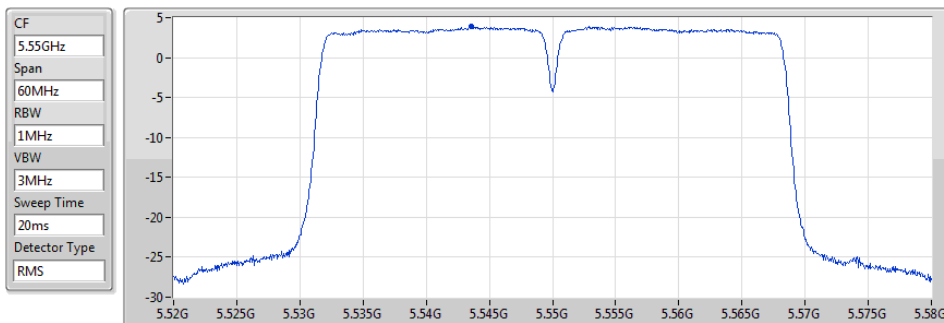
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.67	-0.67	-0.67

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

09/01/2020



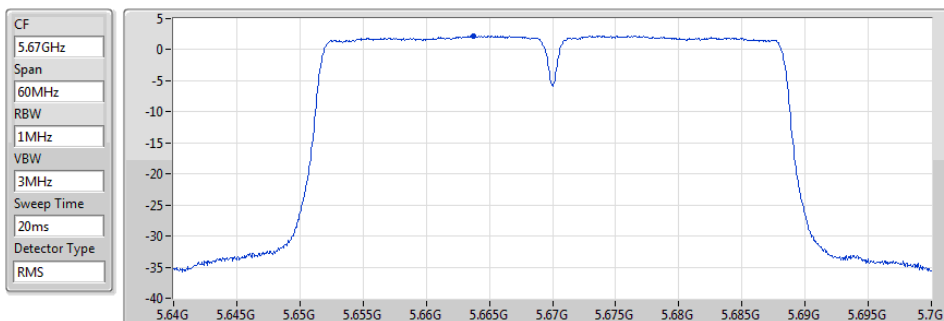
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.88	3.88	3.88

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

09/01/2020



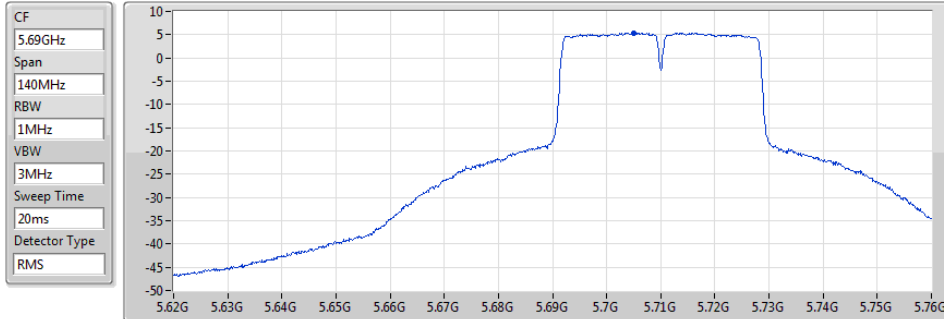
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.26	2.26	2.26

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

09/01/2020



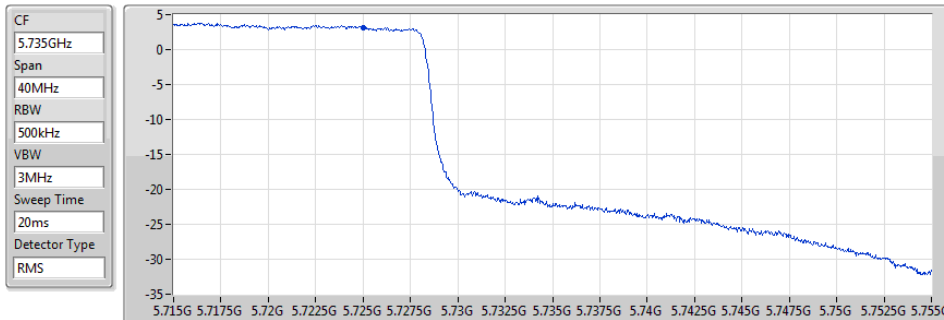
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.40	5.40	5.40

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

09/01/2020



Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.19	3.19	3.19

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

09/01/2020



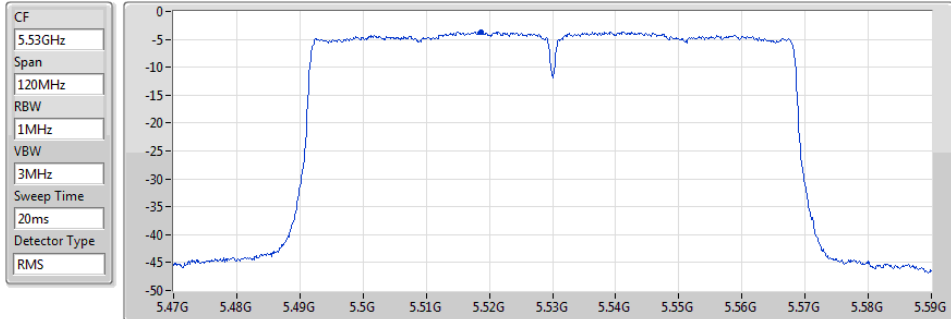
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.44	-3.44	-3.44

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

09/01/2020



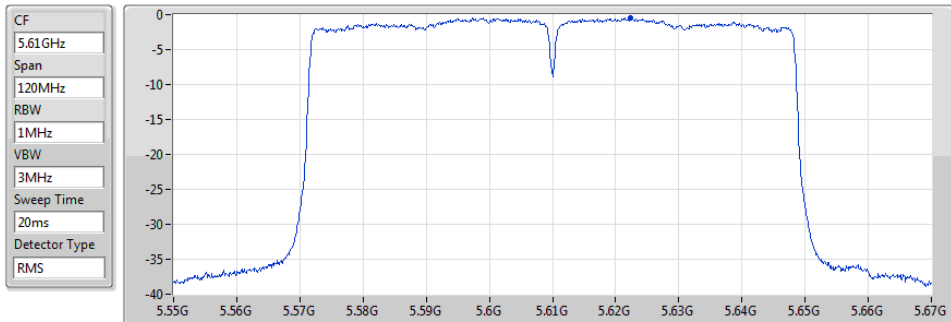
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.63	-3.63	-3.63

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5610MHz

09/01/2020



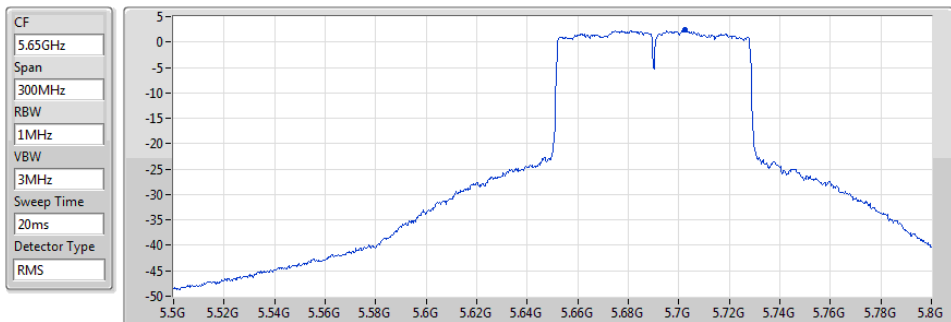
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.47	-0.47	-0.47

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

09/01/2020



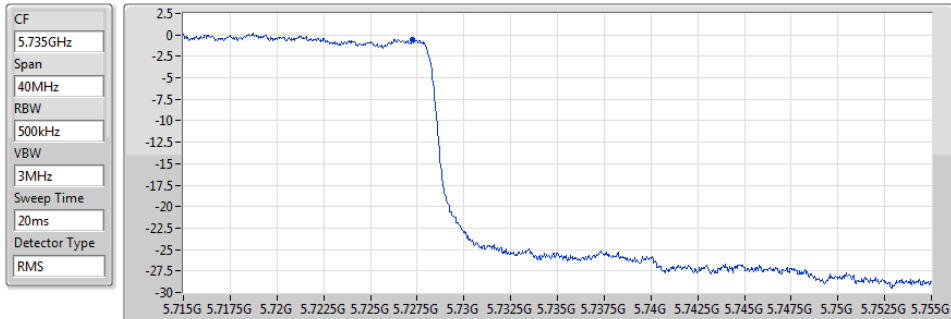
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.37	2.37	2.37

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

09/01/2020



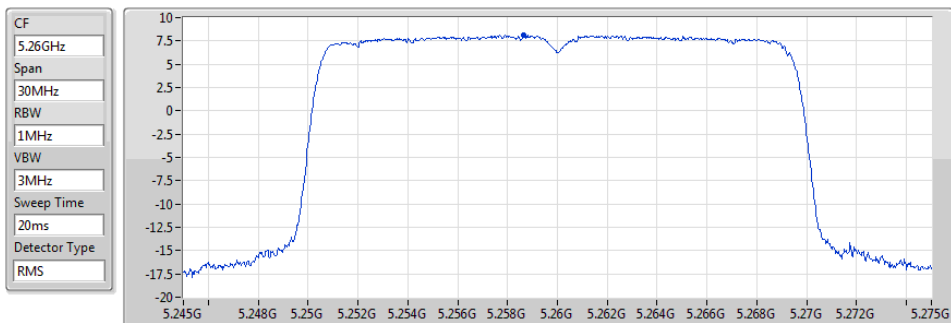
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.53	-0.53	-0.53

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

09/01/2020



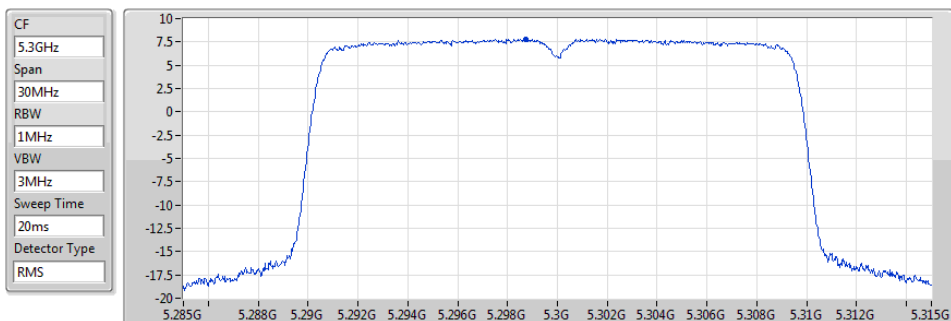
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.16	8.16	8.16

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

09/01/2020



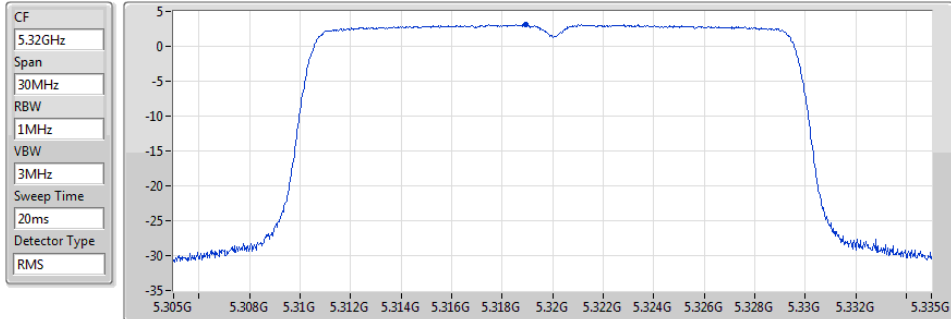
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.83	7.83	7.83

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

22/01/2020



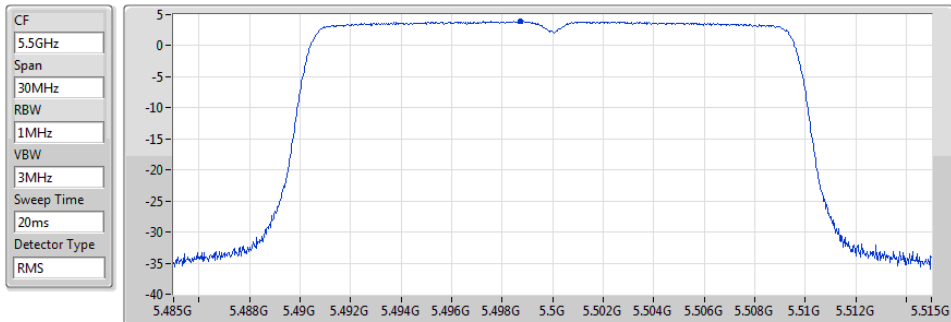
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.08	3.08	3.08

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

09/01/2020



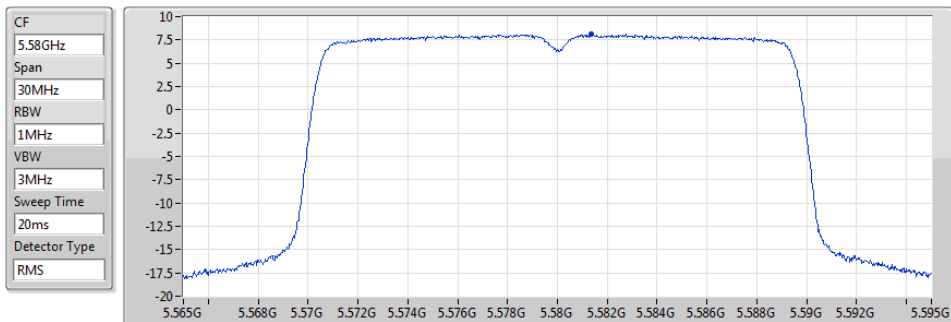
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.95	3.95	3.95

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

09/01/2020



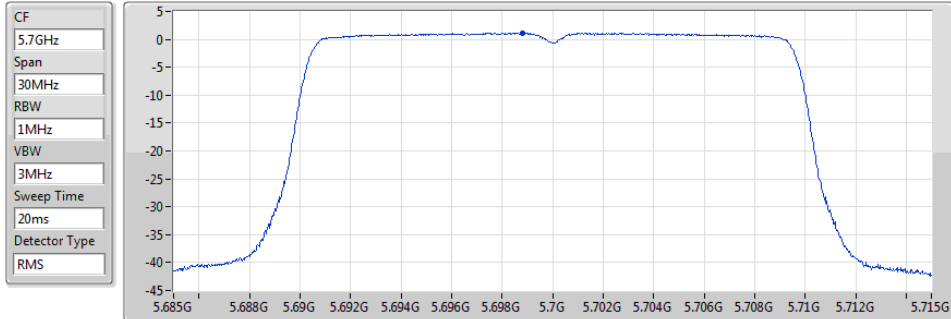
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.07	8.07	8.07

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

09/01/2020



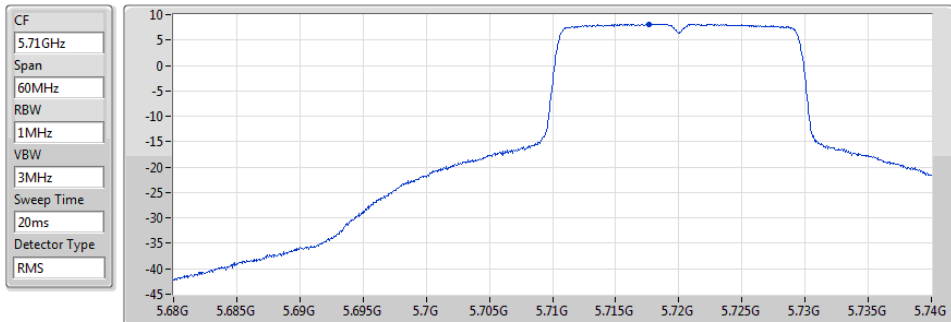
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.15	1.15	1.15

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

09/01/2020



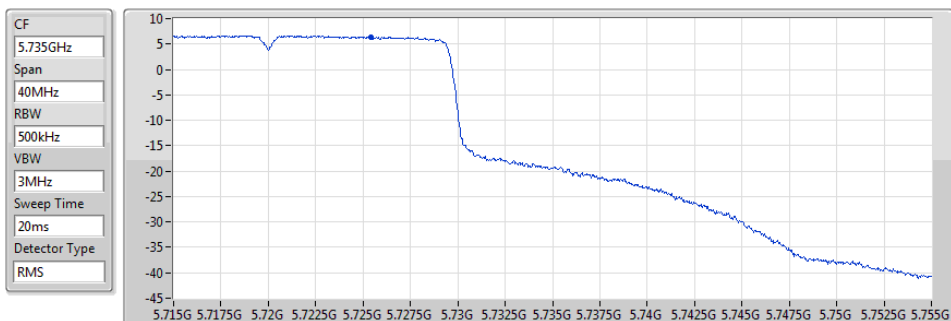
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.16	8.16	8.16

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

09/01/2020



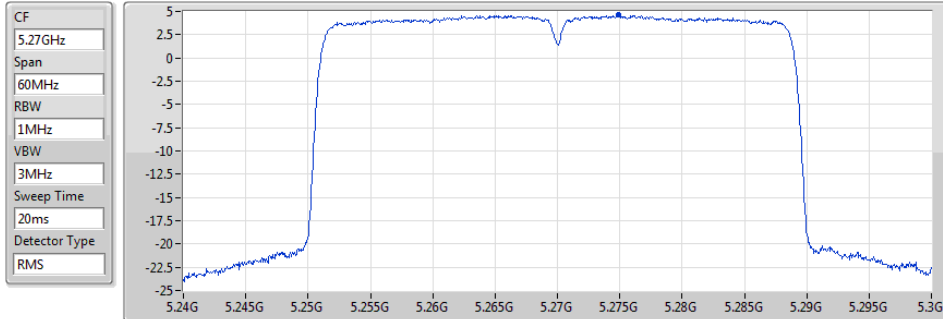
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.41	6.41	6.41

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

09/01/2020



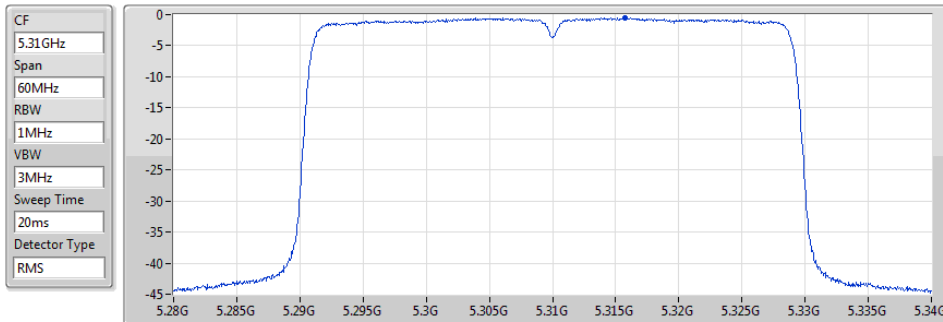
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.60	4.60	4.60

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

09/01/2020



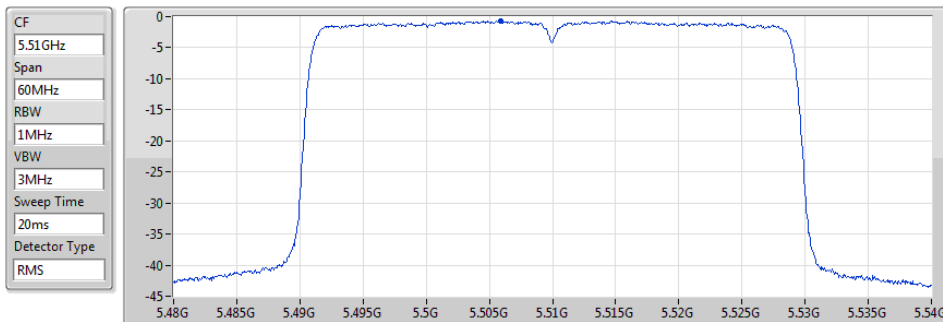
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.52	-0.52	-0.52

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

09/01/2020



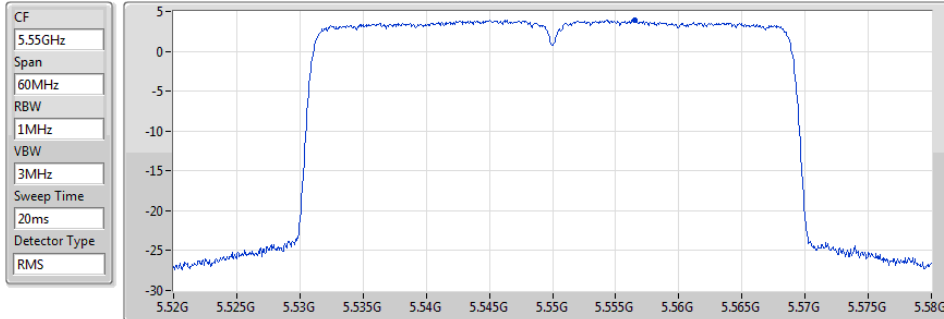
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.71	-0.71	-0.71

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

09/01/2020



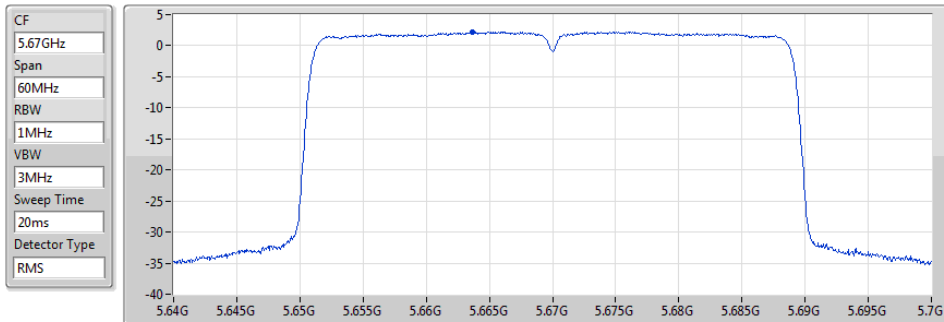
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.86	3.86	3.86

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

09/01/2020



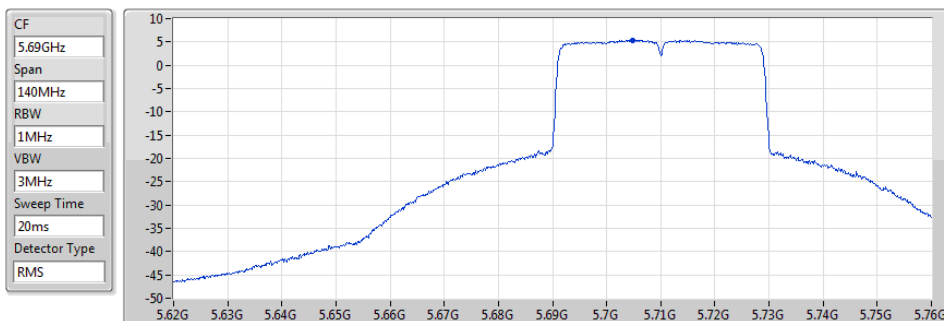
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.23	2.23	2.23

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

09/01/2020



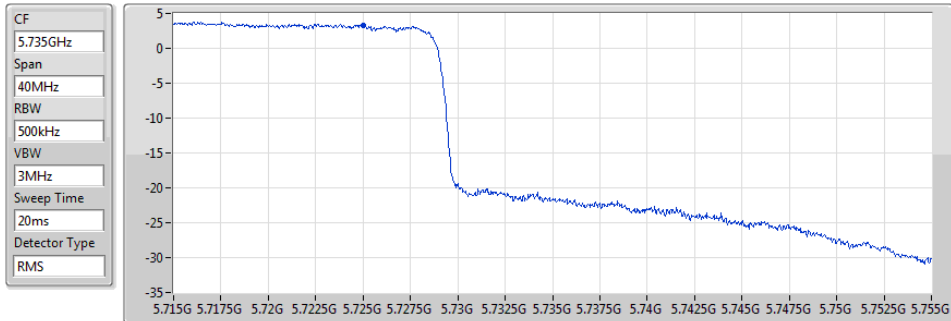
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.35	5.35	5.35

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

09/01/2020



Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.25	3.25	3.25

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

09/01/2020



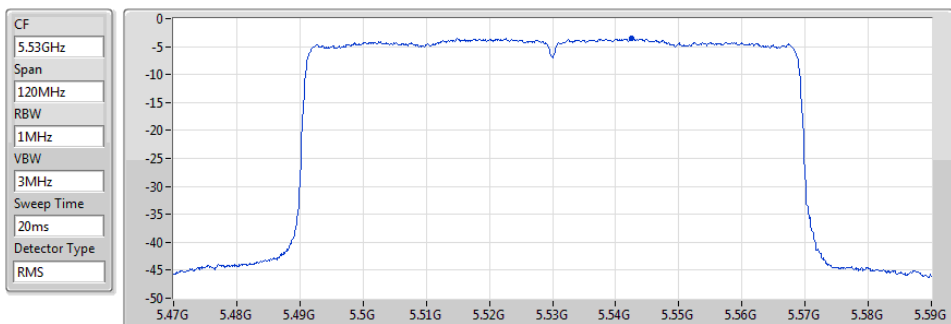
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.16	-3.16	-3.16

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

09/01/2020



Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.48	-3.48	-3.48

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

09/01/2020



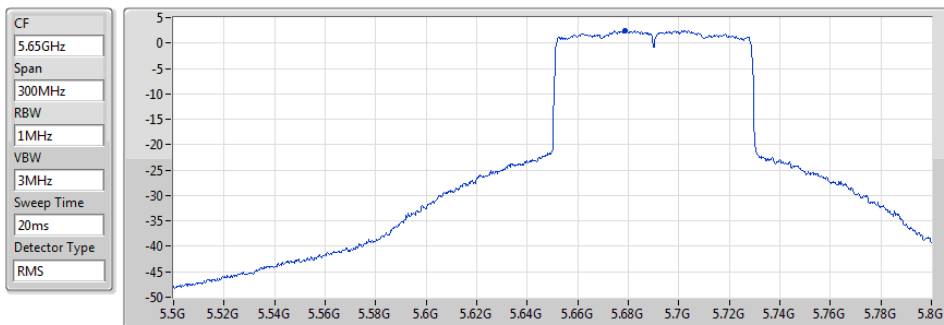
Sum	PD	Port1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
-0.27	-0.27	-0.27

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

09/01/2020



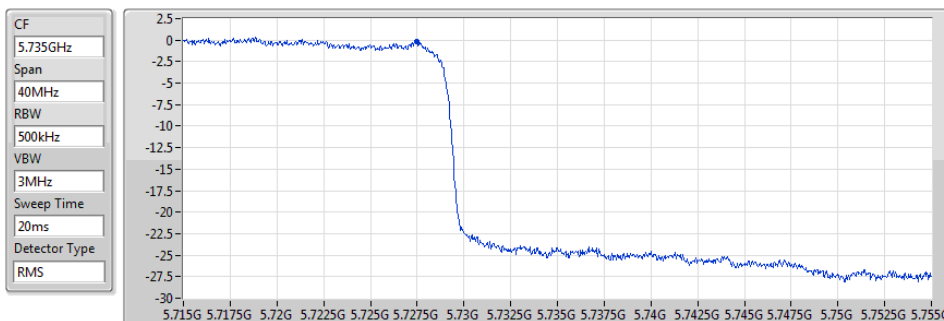
Sum	PD	Port1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
2.46	2.46	2.46

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

09/01/2020



Sum	PD	Port1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
-0.12	-0.12	-0.12

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.88	16.89
802.11ac VHT20_Nss2,(MCS0)_2TX	8.40	16.40
802.11ac VHT40_Nss2,(MCS0)_2TX	5.65	13.65
802.11ac VHT80_Nss2,(MCS0)_2TX	-3.68	4.32
802.11ax HEW20_Nss2,(MCS0)_2TX	8.27	16.27
802.11ax HEW40_Nss2,(MCS0)_2TX	5.37	13.37
802.11ax HEW80_Nss2,(MCS0)_2TX	-3.58	4.42
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.97	16.98
802.11ac VHT20_Nss2,(MCS0)_2TX	8.15	16.15
802.11ac VHT40_Nss2,(MCS0)_2TX	5.46	13.46
802.11ac VHT80_Nss2,(MCS0)_2TX	2.27	10.27
802.11ax HEW20_Nss2,(MCS0)_2TX	8.17	16.17
802.11ax HEW40_Nss2,(MCS0)_2TX	5.44	13.44
802.11ax HEW80_Nss2,(MCS0)_2TX	2.29	10.29
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	4.04	15.05
802.11ac VHT20_Nss2,(MCS0)_2TX	5.99	13.99
802.11ac VHT40_Nss2,(MCS0)_2TX	3.45	11.45
802.11ac VHT80_Nss2,(MCS0)_2TX	-0.12	7.88
802.11ax HEW20_Nss2,(MCS0)_2TX	6.23	14.23
802.11ax HEW40_Nss2,(MCS0)_2TX	3.46	11.46
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.06	7.94

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.01	2.92	2.84	5.78	5.99	16.79	17.00
5300MHz	Pass	11.01	3.04	2.80	5.81	5.99	16.82	17.00
5320MHz	Pass	11.01	3.03	2.80	5.88	5.99	16.89	17.00
5500MHz	Pass	11.01	2.49	2.59	5.48	5.99	16.49	17.00
5580MHz	Pass	11.01	3.19	2.78	5.95	5.99	16.96	17.00
5700MHz	Pass	11.01	3.17	2.90	5.97	5.99	16.98	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	2.95	2.76	5.81	5.99	16.82	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	1.15	1.00	4.04	24.99	15.05	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	5.35	5.10	8.19	9.00	16.19	17.00
5300MHz	Pass	8.00	5.54	5.32	8.40	9.00	16.40	17.00
5320MHz	Pass	8.00	3.45	3.39	6.35	9.00	14.35	17.00
5500MHz	Pass	8.00	3.23	3.24	6.22	9.00	14.22	17.00
5580MHz	Pass	8.00	5.33	5.20	8.15	9.00	16.15	17.00
5700MHz	Pass	8.00	1.13	1.05	4.05	9.00	12.05	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	4.82	4.63	7.68	9.00	15.68	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	3.10	3.03	5.99	28.00	13.99	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	2.97	2.64	5.65	9.00	13.65	17.00
5310MHz	Pass	8.00	-2.41	-2.44	0.58	9.00	8.58	17.00
5510MHz	Pass	8.00	-2.12	-1.98	0.88	9.00	8.88	17.00
5550MHz	Pass	8.00	1.87	1.42	4.59	9.00	12.59	17.00
5670MHz	Pass	8.00	-0.50	-0.99	2.15	9.00	10.15	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	2.73	2.31	5.46	9.00	13.46	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	0.70	0.33	3.45	28.00	11.45	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	-6.60	-6.58	-3.68	9.00	4.32	17.00
5530MHz	Pass	8.00	-6.50	-6.13	-3.32	9.00	4.68	17.00
5610MHz	Pass	8.00	-2.20	-2.37	0.56	9.00	8.56	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	-0.49	-1.00	2.27	9.00	10.27	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-3.32	-2.80	-0.12	28.00	7.88	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	5.43	5.13	8.27	9.00	16.27	17.00
5300MHz	Pass	8.00	5.49	5.08	8.23	9.00	16.23	17.00
5320MHz	Pass	8.00	3.33	3.32	6.28	9.00	14.28	17.00
5500MHz	Pass	8.00	3.29	3.15	6.22	9.00	14.22	17.00
5580MHz	Pass	8.00	5.35	5.02	8.17	9.00	16.17	17.00
5700MHz	Pass	8.00	1.17	0.98	4.03	9.00	12.03	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	5.04	4.74	7.82	9.00	15.82	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	3.35	3.09	6.23	28.00	14.23	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	2.67	2.17	5.37	9.00	13.37	17.00
5310MHz	Pass	8.00	-2.76	-2.70	0.20	9.00	8.20	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5510MHz	Pass	8.00	-2.35	-2.03	0.70	9.00	8.70	17.00
5550MHz	Pass	8.00	1.47	1.16	4.24	9.00	12.24	17.00
5670MHz	Pass	8.00	-0.85	-1.27	1.90	9.00	9.90	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	2.65	2.29	5.44	9.00	13.44	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	0.64	0.32	3.46	28.00	11.46	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	-6.38	-6.60	-3.58	9.00	4.42	17.00
5530MHz	Pass	8.00	-6.01	-6.01	-3.00	9.00	5.00	17.00
5610MHz	Pass	8.00	-2.15	-2.42	0.63	9.00	8.63	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	-0.40	-1.02	2.29	9.00	10.29	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-2.97	-3.07	-0.06	28.00	7.94	36.00

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

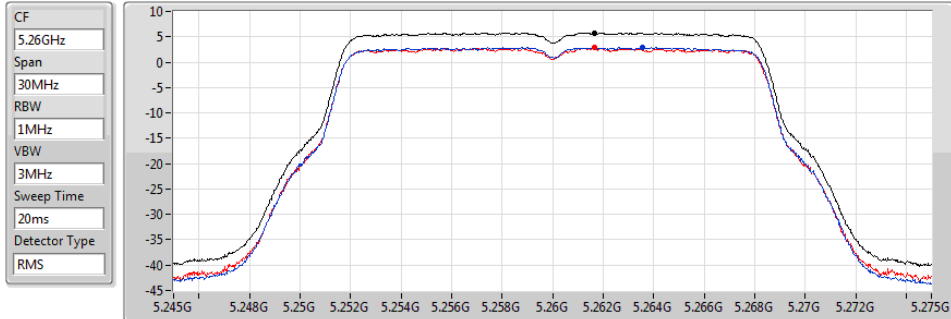
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

09/01/2020



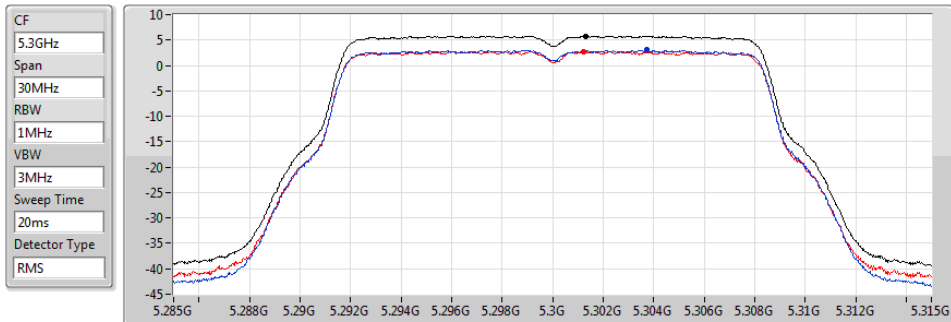
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.78	5.78	2.92	2.84

802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

09/01/2020



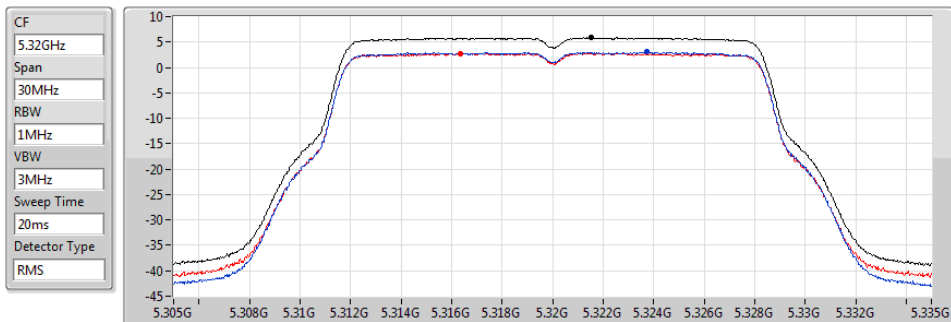
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.81	5.81	3.04	2.80

802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

09/01/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.88	5.88	3.03	2.80

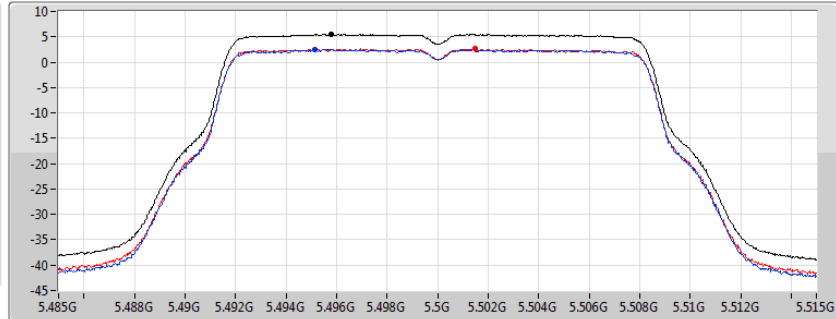
802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

09/01/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.48	5.48	2.49	2.59

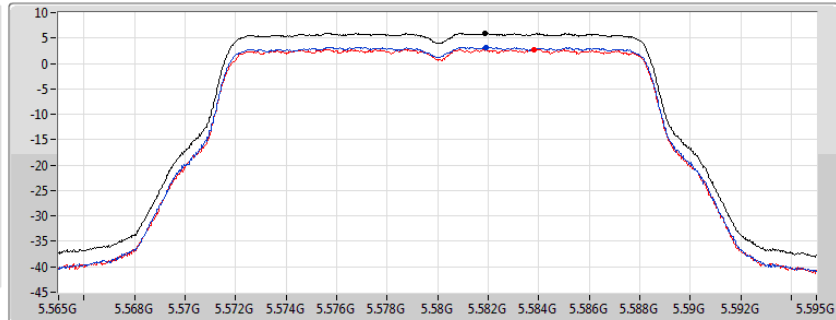
802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

09/01/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.95	5.95	3.19	2.78

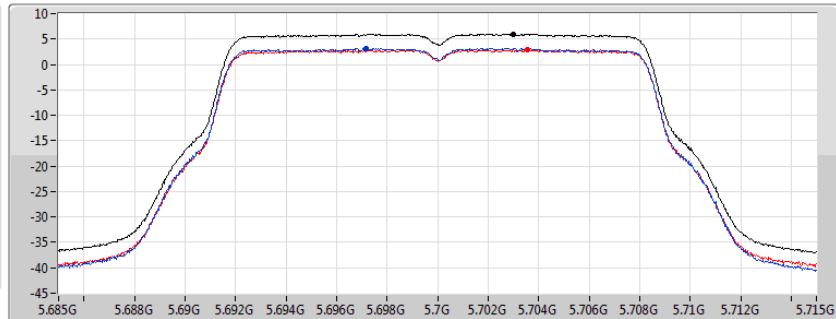
802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

09/01/2020

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



Sum
Port 1
Port 2

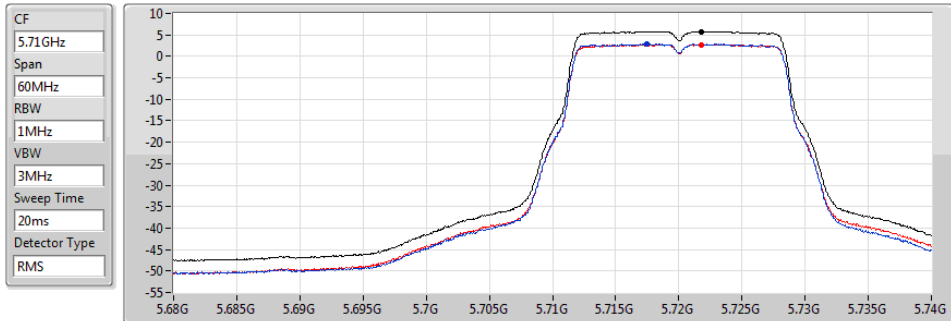
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.97	5.97	3.17	2.90

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

09/01/2020



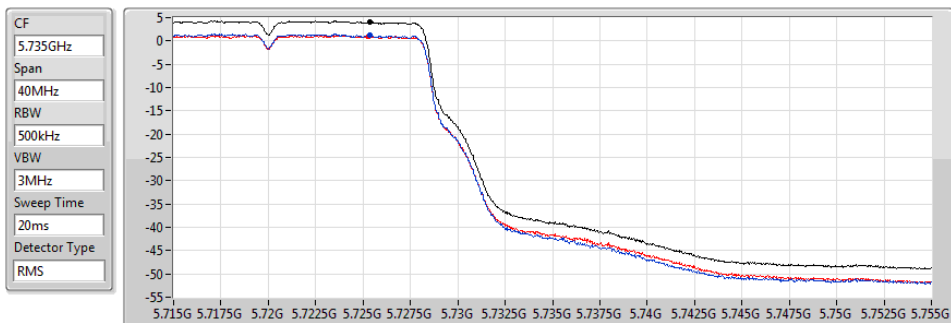
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.81	5.81	2.95	2.76

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

09/01/2020



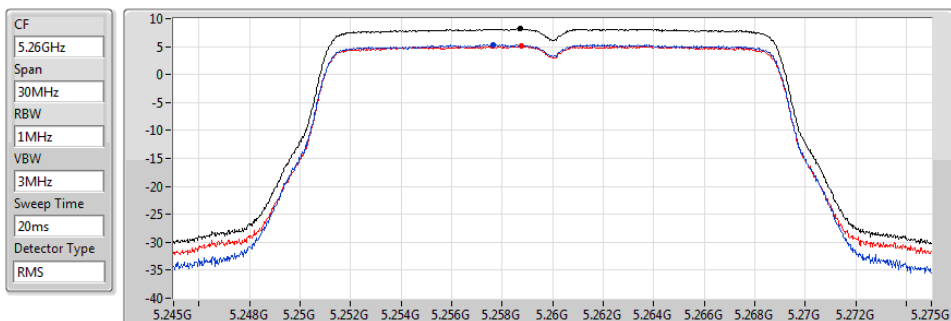
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.04	4.04	1.15	1.00

802.11ac VHT20_Nss2,(MCS0)_2TX

5260MHz

PSD

09/01/2020



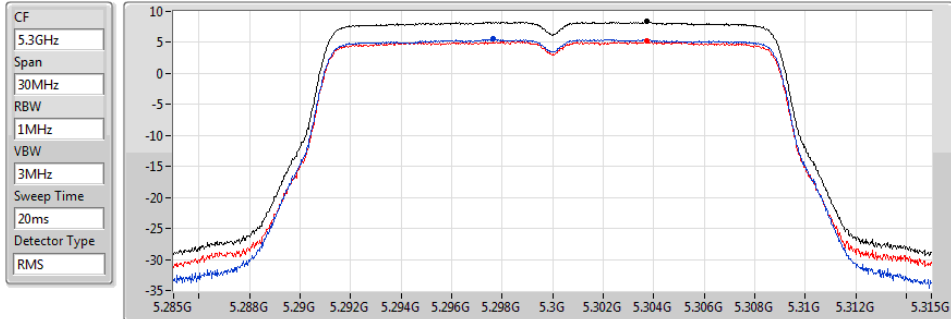
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.19	8.19	5.35	5.10

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5300MHz

09/01/2020



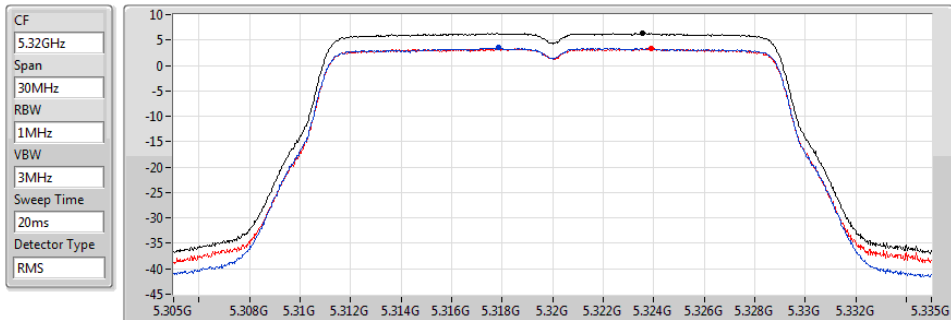
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.40	8.40	5.54	5.32

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5320MHz

09/01/2020



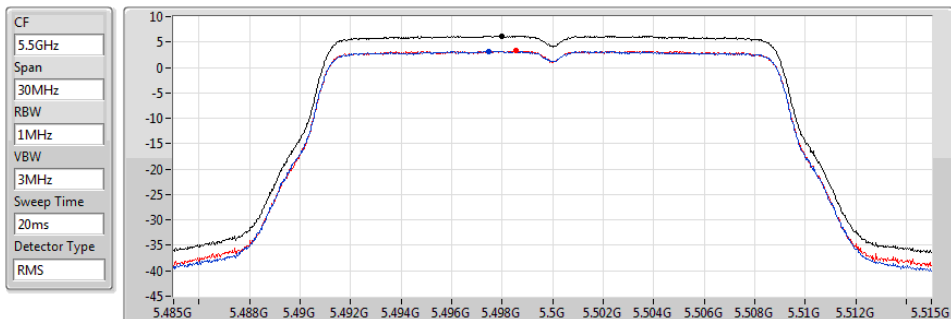
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.35	6.35	3.45	3.39

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5500MHz

09/01/2020



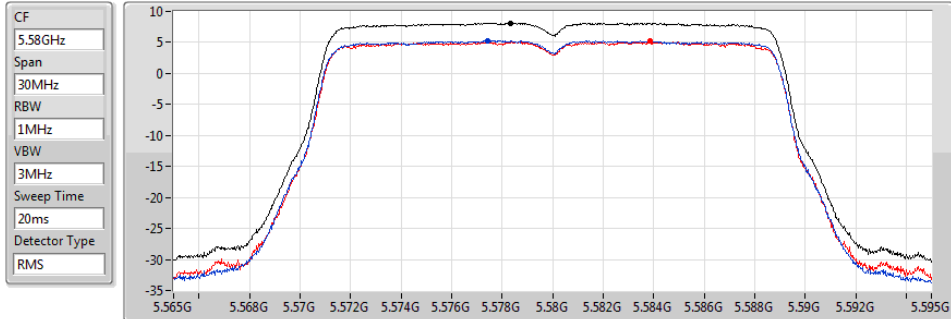
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.22	6.22	3.23	3.24

802.11ac VHT20_Nss2,(MCS0)_2TX

5580MHz

PSD

09/01/2020



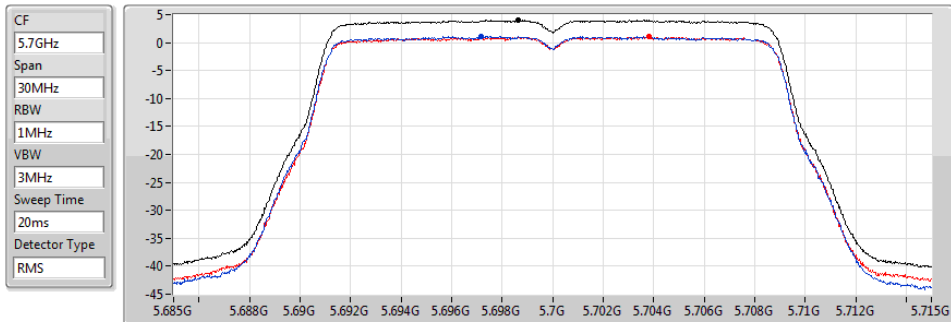
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.15	8.15	5.33	5.20

802.11ac VHT20_Nss2,(MCS0)_2TX

5700MHz

PSD

09/01/2020



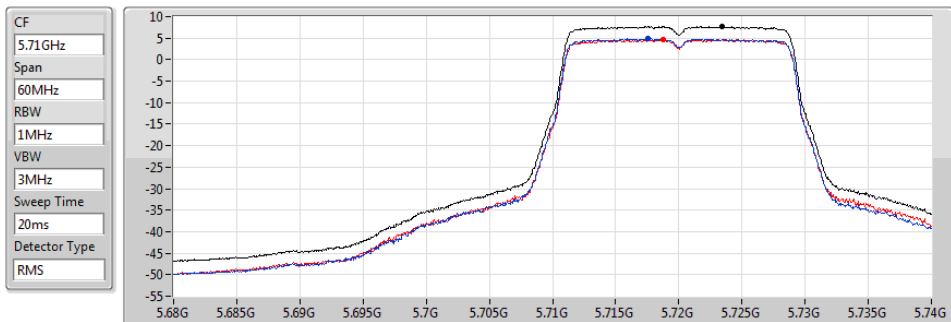
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.05	4.05	1.13	1.05

802.11ac VHT20_Nss2,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

09/01/2020



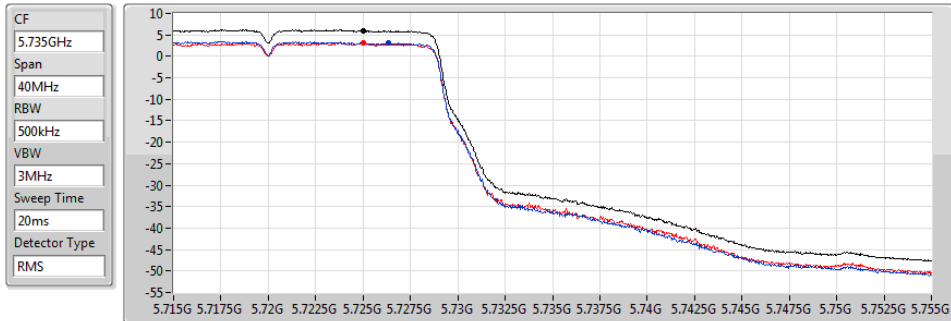
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.68	7.68	4.82	4.63

802.11ac VHT20_Nss2,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

09/01/2020



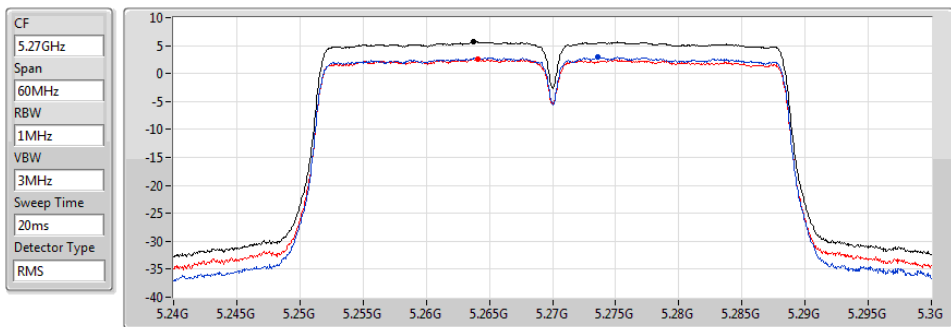
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.99	5.99	3.10	3.03

802.11ac VHT40_Nss2,(MCS0)_2TX

5270MHz

PSD

09/01/2020



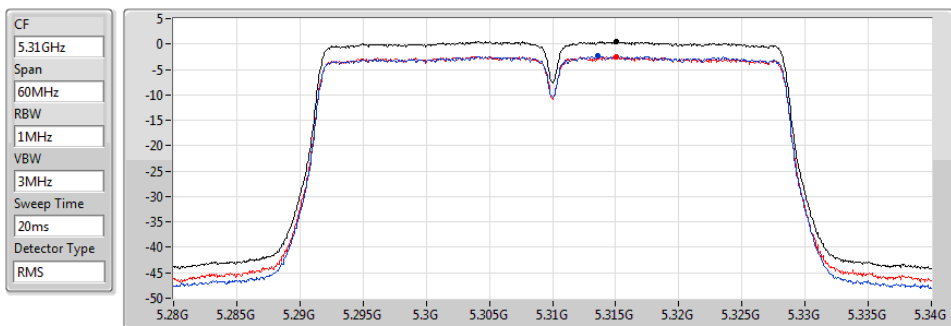
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.65	5.65	2.97	2.64

802.11ac VHT40_Nss2,(MCS0)_2TX

5310MHz

PSD

09/01/2020



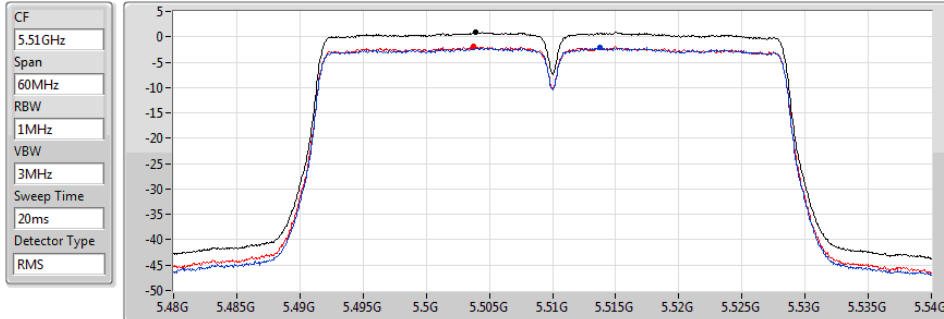
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.58	0.58	-2.41	-2.44

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5510MHz

09/01/2020



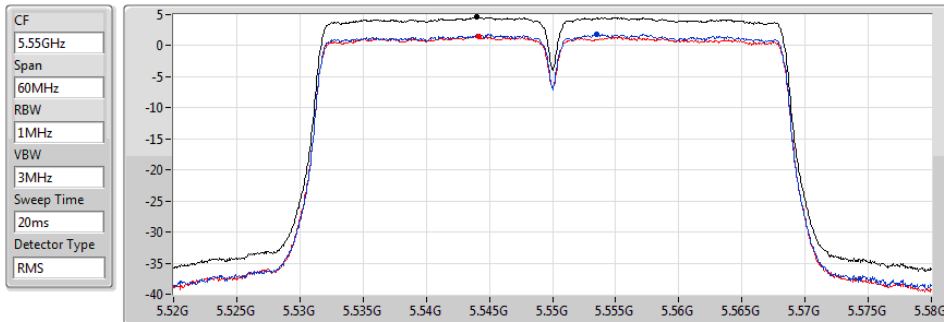
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.88	0.88	-2.12	-1.98

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5550MHz

09/01/2020



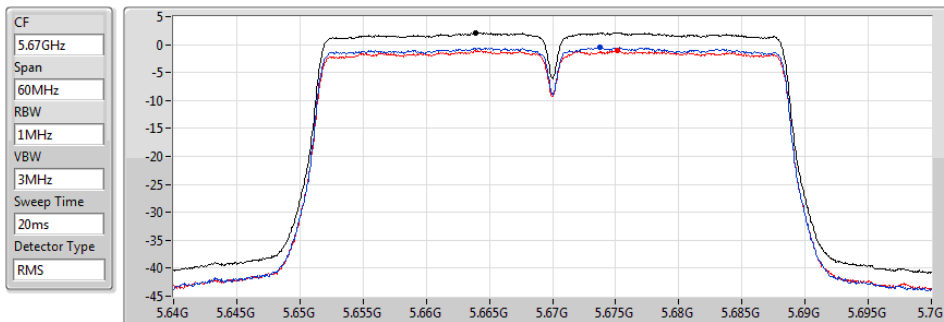
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.59	4.59	1.87	1.42

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5670MHz

09/01/2020



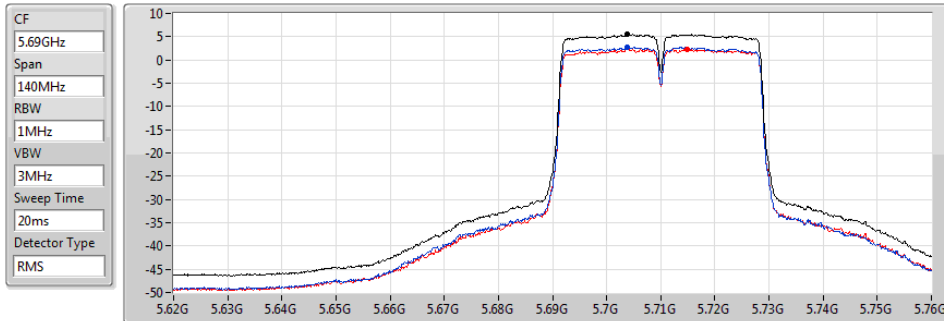
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.15	2.15	-0.50	-0.99

802.11ac VHT40_Nss2,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz

PSD

09/01/2020



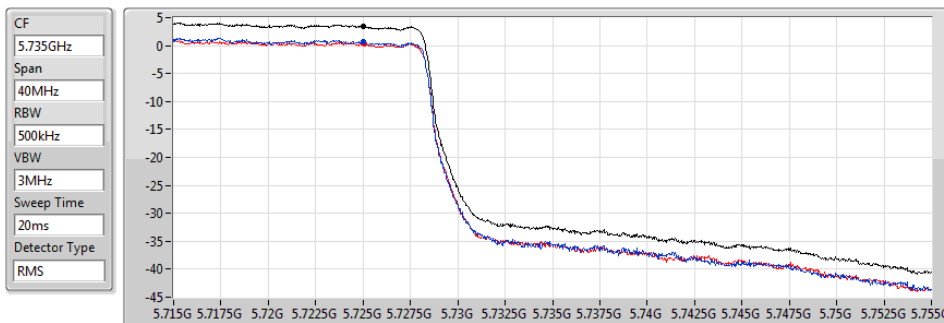
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.46	5.46	2.73	2.31

802.11ac VHT40_Nss2,(MCS0)_2TX

5710MHz Straddle 5.725-5.85GHz

PSD

09/01/2020



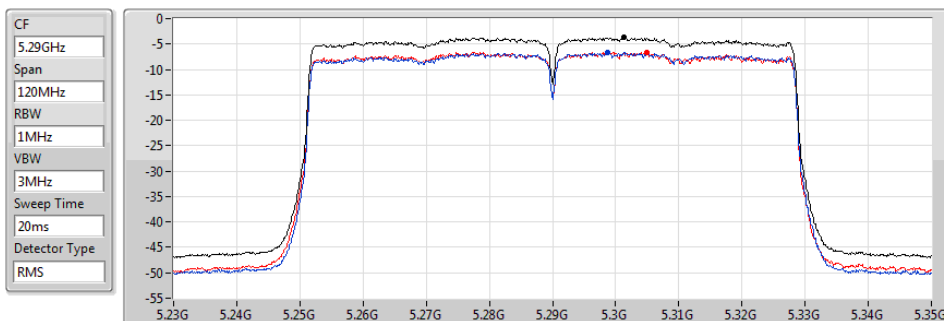
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.45	3.45	0.70	0.33

802.11ac VHT80_Nss2,(MCS0)_2TX

5290MHz

PSD

09/01/2020



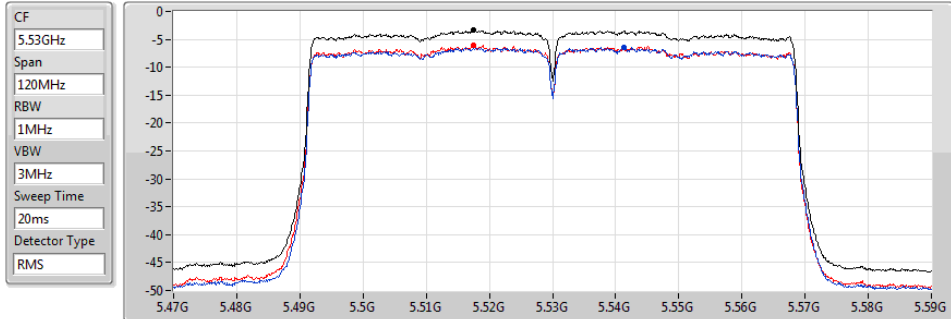
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.68	-3.68	-6.60	-6.58

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5530MHz

09/01/2020



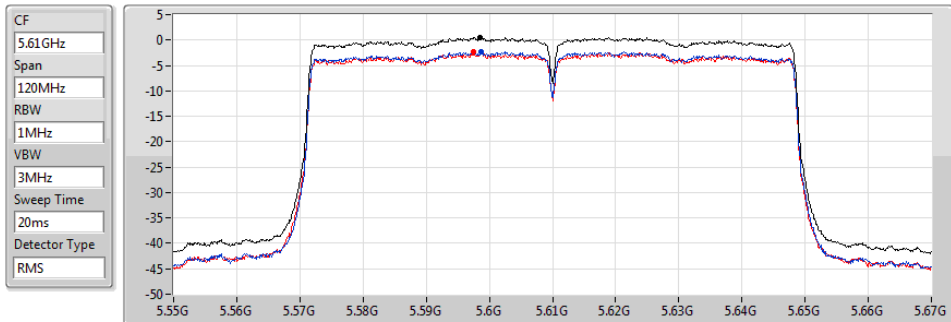
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.32	-3.32	-6.50	-6.13

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5610MHz

09/01/2020



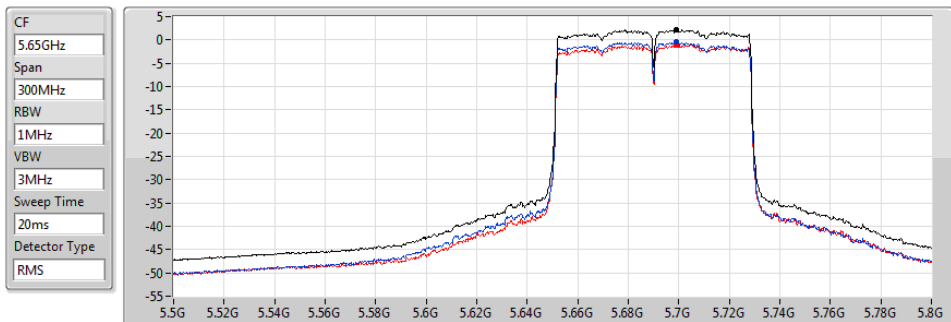
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.56	0.56	-2.20	-2.37

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

09/01/2020



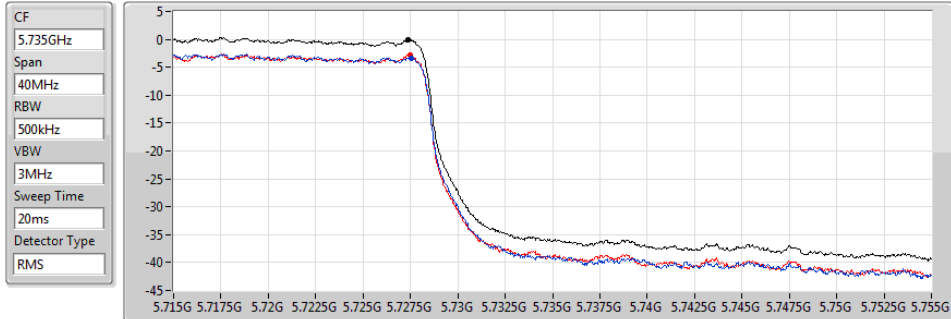
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.27	2.27	-0.49	-1.00

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

09/01/2020



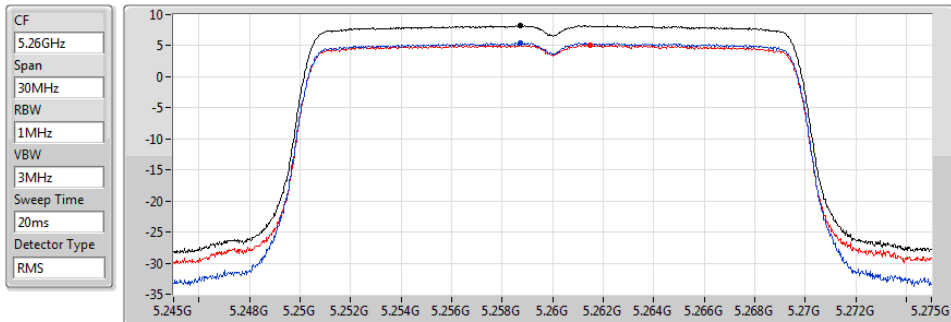
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.12	-0.12	-3.32	-2.80

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5260MHz

09/01/2020



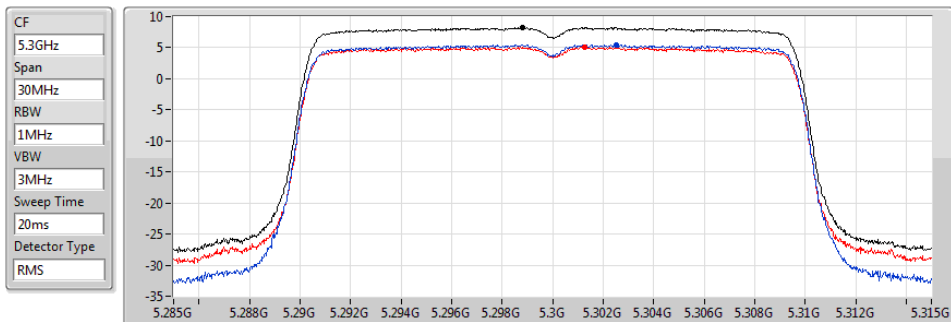
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.27	8.27	5.43	5.13

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5300MHz

09/01/2020



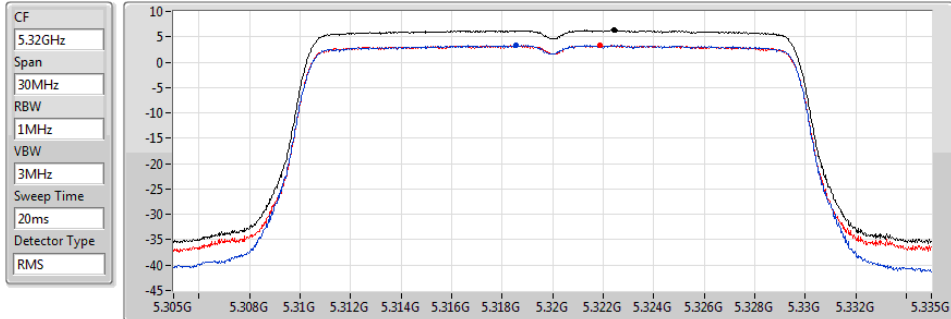
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.23	8.23	5.49	5.08

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5320MHz

09/01/2020



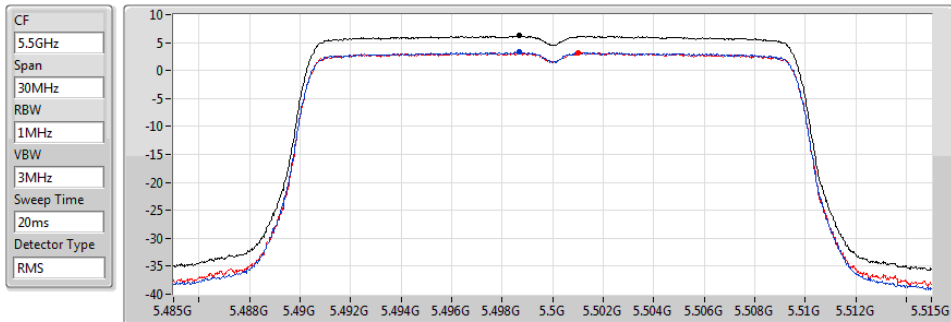
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.28	6.28	3.33	3.32

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5500MHz

09/01/2020



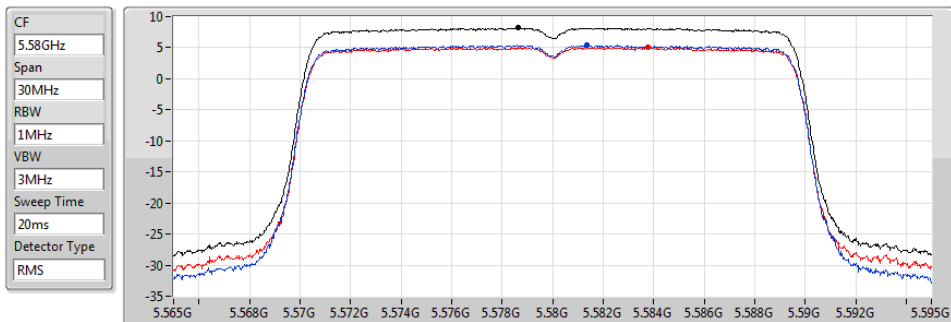
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.22	6.22	3.29	3.15

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5580MHz

09/01/2020



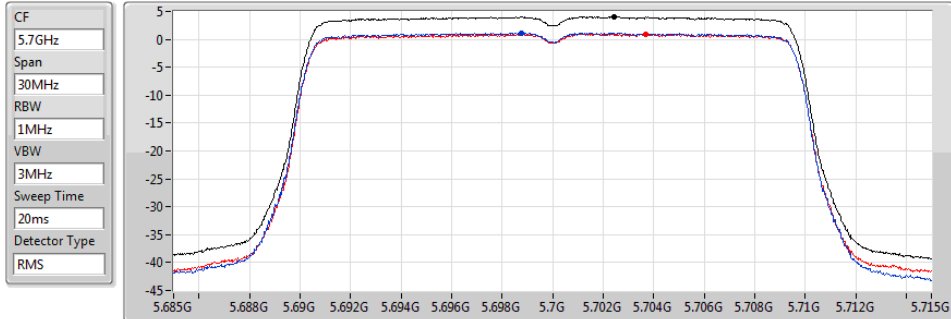
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.17	8.17	5.35	5.02

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5700MHz

09/01/2020



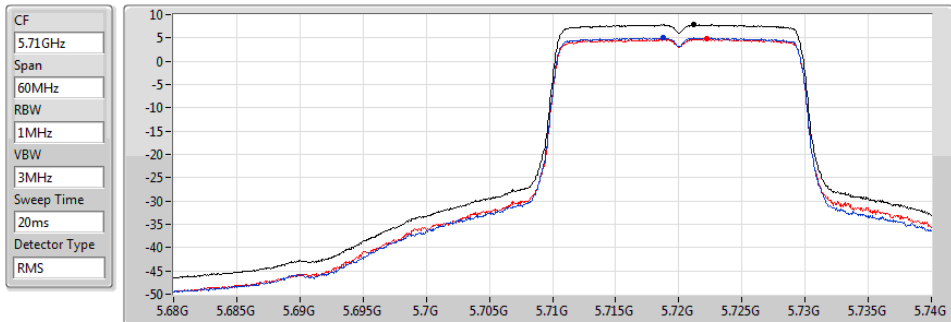
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.03	4.03	1.17	0.98

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

09/01/2020



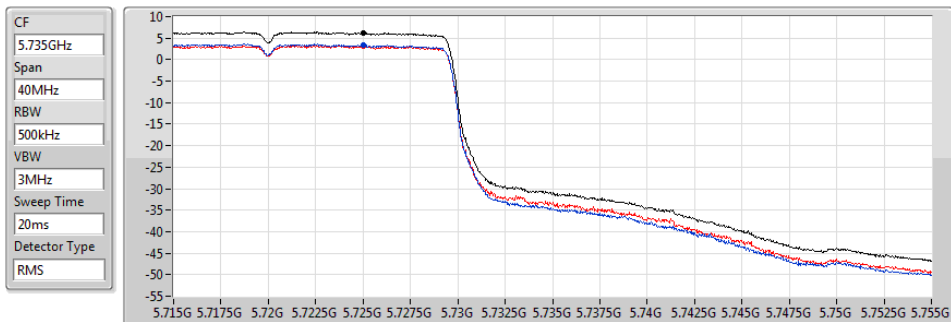
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.82	7.82	5.04	4.74

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

09/01/2020



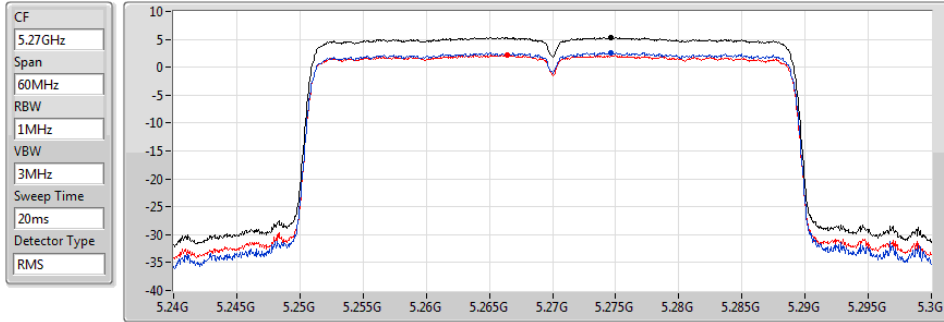
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.23	6.23	3.35	3.09

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5270MHz

09/01/2020



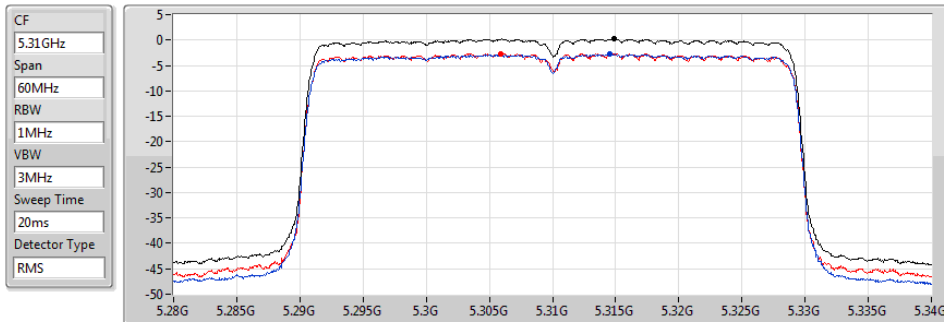
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.37	5.37	2.67	2.17

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5310MHz

09/01/2020



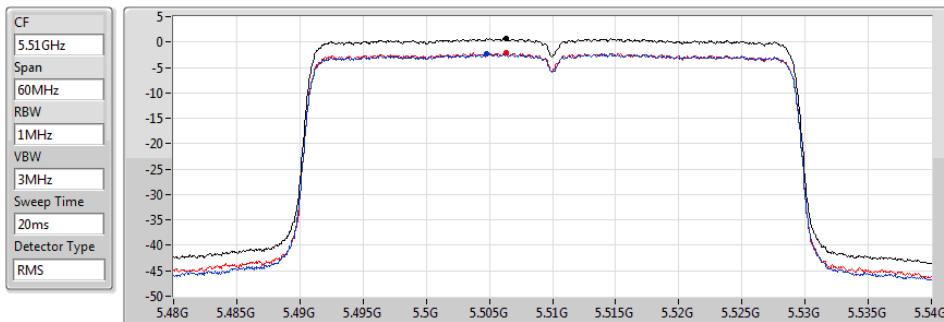
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.20	0.20	-2.76	-2.70

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5510MHz

09/01/2020



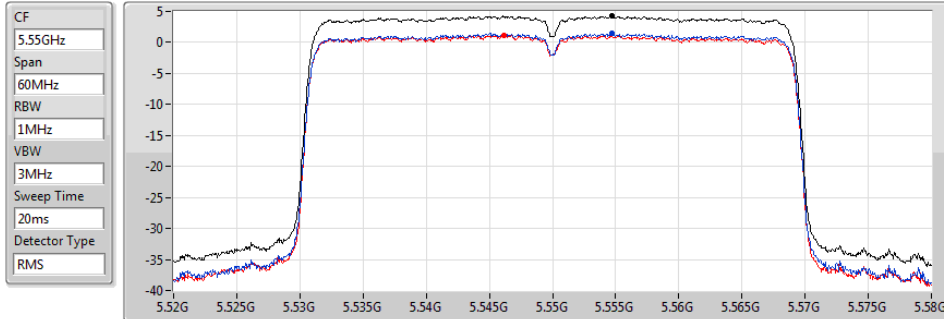
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.70	0.70	-2.35	-2.03

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5550MHz

09/01/2020



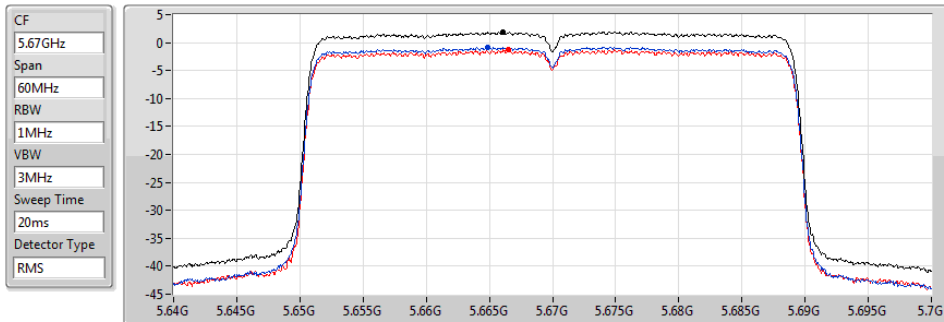
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.24	4.24	1.47	1.16

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5670MHz

09/01/2020



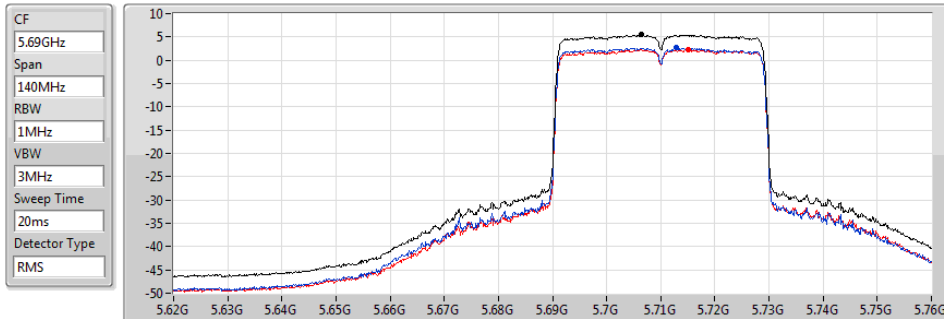
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.90	1.90	-0.85	-1.27

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

09/01/2020



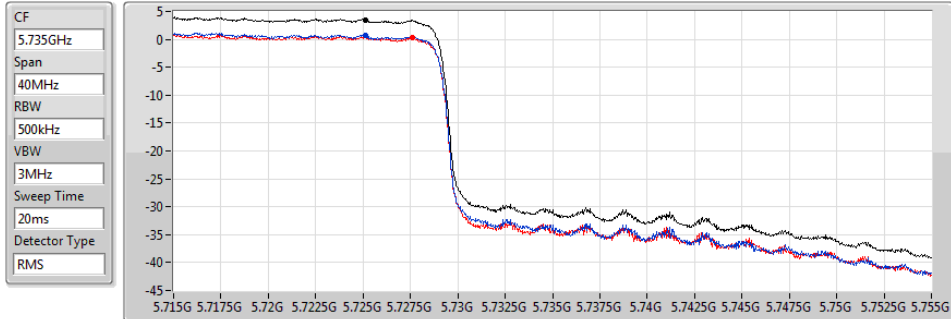
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.44	5.44	2.65	2.29

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

09/01/2020



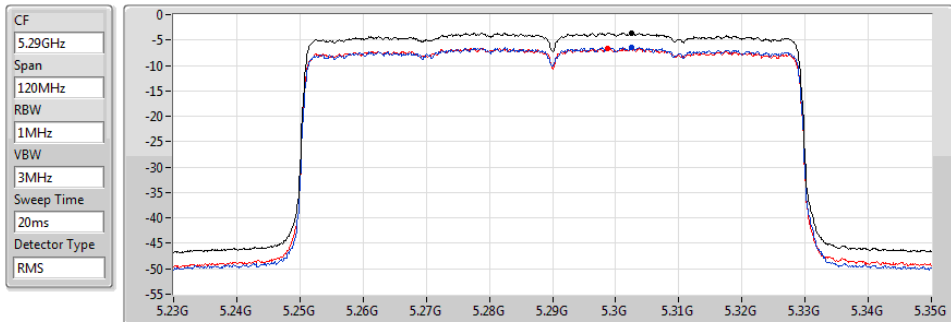
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.46	3.46	0.64	0.32

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5290MHz

09/01/2020



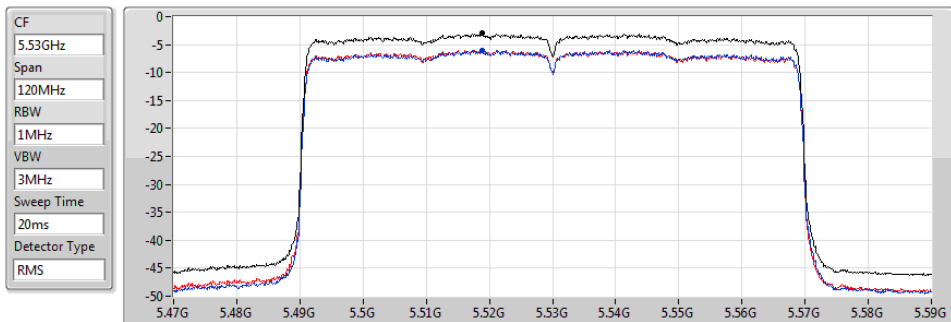
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.58	-3.58	-6.38	-6.60

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5530MHz

09/01/2020



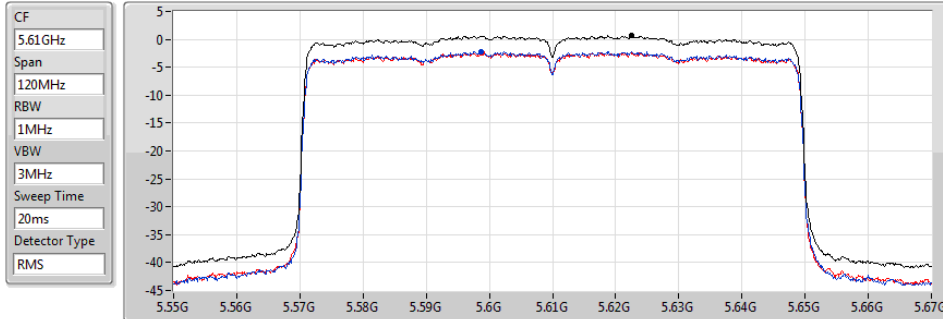
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.00	-3.00	-6.01	-6.01

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5610MHz

09/01/2020



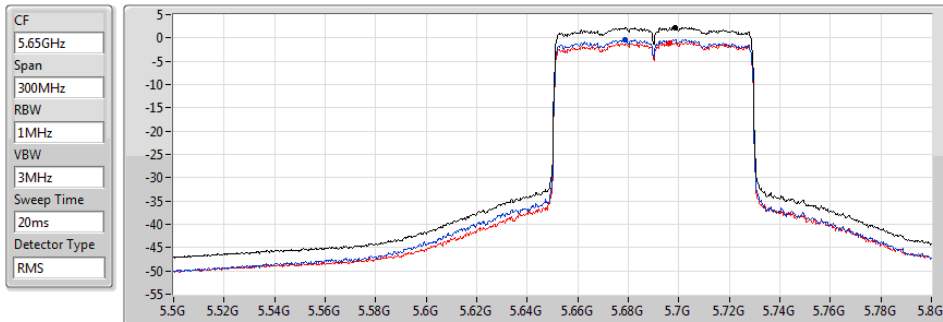
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.63	0.63	-2.15	-2.42

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

09/01/2020



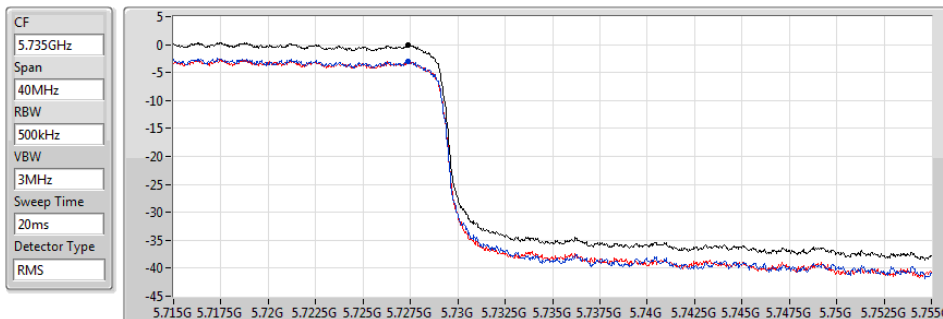
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.29	2.29	-0.40	-1.02

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

09/01/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.06	-0.06	-2.97	-3.07

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	5.68	16.38
802.11ac VHT20_Nss1,(MCS0)_1TX	5.03	15.73
802.11ac VHT40_Nss1,(MCS0)_1TX	2.17	12.87
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.14	8.56
802.11ax HEW20_Nss1,(MCS0)_1TX	4.87	15.57
802.11ax HEW40_Nss1,(MCS0)_1TX	2.20	12.90
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.92	8.78
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	5.77	16.47
802.11ac VHT20_Nss1,(MCS0)_1TX	5.28	15.98
802.11ac VHT40_Nss1,(MCS0)_1TX	2.41	13.11
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.38	10.32
802.11ax HEW20_Nss1,(MCS0)_1TX	5.33	16.03
802.11ax HEW40_Nss1,(MCS0)_1TX	2.48	13.18
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.33	10.37
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	4.13	14.83
802.11ac VHT20_Nss1,(MCS0)_1TX	3.56	14.26
802.11ac VHT40_Nss1,(MCS0)_1TX	0.56	11.26
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.94	7.76
802.11ax HEW20_Nss1,(MCS0)_1TX	3.55	14.25
802.11ax HEW40_Nss1,(MCS0)_1TX	0.80	11.50
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.67	8.03

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	5.68	5.68	6.30	16.38	17.00
5300MHz	Pass	10.70	5.47	5.47	6.30	16.17	17.00
5320MHz	Pass	10.70	5.61	5.61	6.30	16.31	17.00
5500MHz	Pass	10.70	4.04	4.04	6.30	14.74	17.00
5580MHz	Pass	10.70	5.74	5.74	6.30	16.44	17.00
5700MHz	Pass	10.70	5.59	5.59	6.30	16.29	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	5.77	5.77	6.30	16.47	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	4.13	4.13	25.30	14.83	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	5.03	5.03	6.30	15.73	17.00
5300MHz	Pass	10.70	4.86	4.86	6.30	15.56	17.00
5320MHz	Pass	10.70	4.86	4.86	6.30	15.56	17.00
5500MHz	Pass	10.70	4.46	4.46	6.30	15.16	17.00
5580MHz	Pass	10.70	4.93	4.93	6.30	15.63	17.00
5700MHz	Pass	10.70	2.53	2.53	6.30	13.23	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	5.28	5.28	6.30	15.98	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	3.56	3.56	25.30	14.26	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	2.17	2.17	6.30	12.87	17.00
5310MHz	Pass	10.70	0.56	0.56	6.30	11.26	17.00
5510MHz	Pass	10.70	-0.18	-0.18	6.30	10.52	17.00
5550MHz	Pass	10.70	1.96	1.96	6.30	12.66	17.00
5670MHz	Pass	10.70	2.09	2.09	6.30	12.79	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	2.41	2.41	6.30	13.11	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	0.56	0.56	25.30	11.26	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	-2.14	-2.14	6.30	8.56	17.00
5530MHz	Pass	10.70	-2.81	-2.81	6.30	7.89	17.00
5610MHz	Pass	10.70	-0.67	-0.67	6.30	10.03	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-0.38	-0.38	6.30	10.32	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-2.94	-2.94	25.30	7.76	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	4.85	4.85	6.30	15.55	17.00
5300MHz	Pass	10.70	4.87	4.87	6.30	15.57	17.00
5320MHz	Pass	10.70	4.87	4.87	6.30	15.57	17.00
5500MHz	Pass	10.70	4.37	4.37	6.30	15.07	17.00
5580MHz	Pass	10.70	4.96	4.96	6.30	15.66	17.00
5700MHz	Pass	10.70	2.49	2.49	6.30	13.19	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	5.33	5.33	6.30	16.03	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	3.55	3.55	25.30	14.25	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	2.20	2.20	6.30	12.90	17.00
5310MHz	Pass	10.70	0.47	0.47	6.30	11.17	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5510MHz	Pass	10.70	0.04	0.04	6.30	10.74	17.00
5550MHz	Pass	10.70	2.11	2.11	6.30	12.81	17.00
5670MHz	Pass	10.70	1.93	1.93	6.30	12.63	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	2.48	2.48	6.30	13.18	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	0.80	0.80	25.30	11.50	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	-1.92	-1.92	6.30	8.78	17.00
5530MHz	Pass	10.70	-2.59	-2.59	6.30	8.11	17.00
5610MHz	Pass	10.70	-0.33	-0.33	6.30	10.37	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-0.33	-0.33	6.30	10.37	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-2.67	-2.67	25.30	8.03	36.00

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

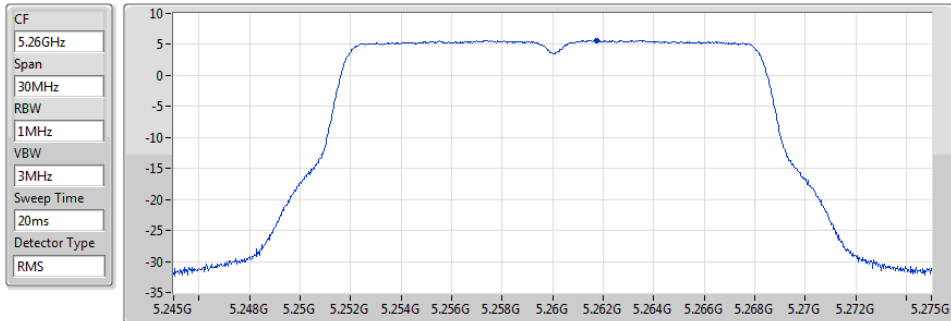
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

13/01/2020



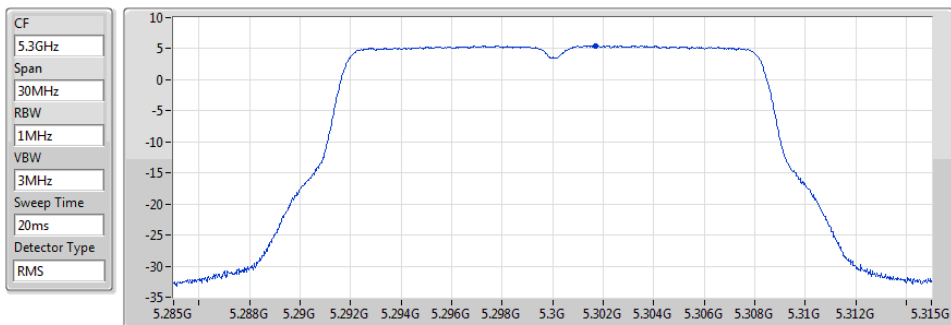
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.68	5.68	5.68

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

13/01/2020



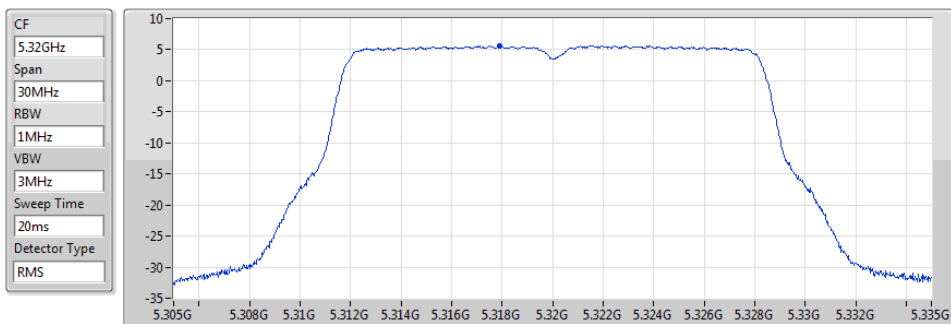
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.47	5.47	5.47

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

13/01/2020



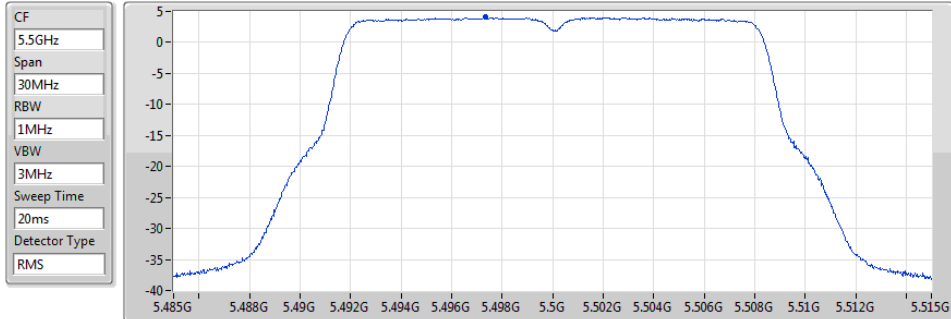
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.61	5.61	5.61

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

13/01/2020



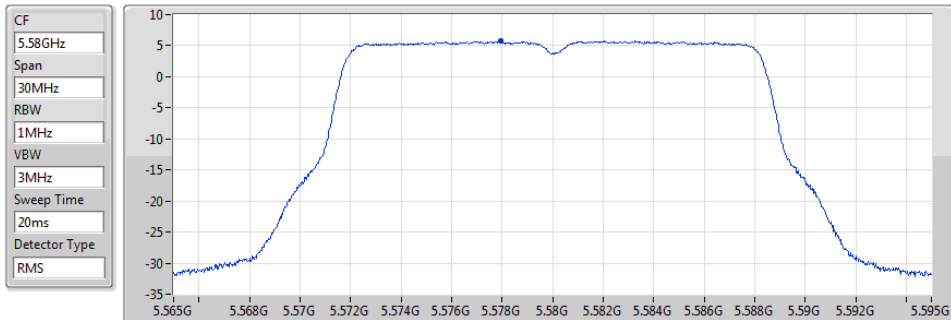
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.04	4.04	4.04

802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

13/01/2020



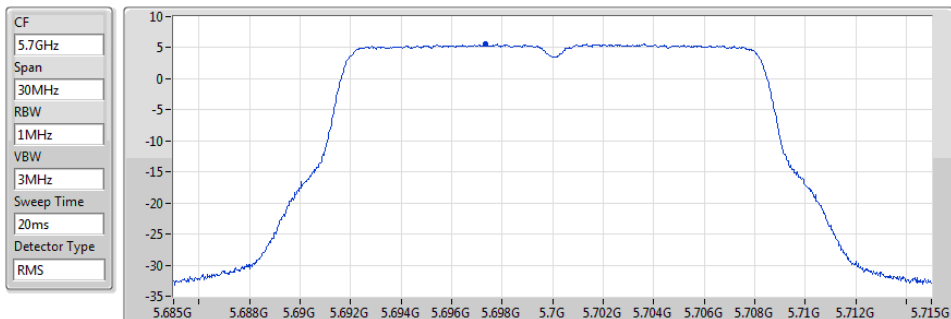
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.74	5.74	5.74

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

13/01/2020



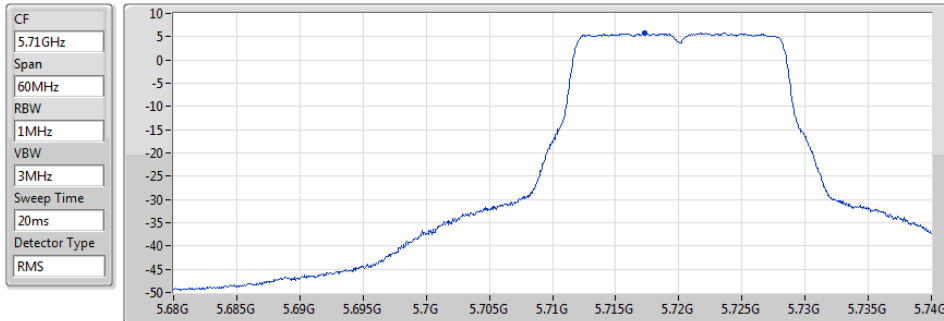
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.59	5.59	5.59

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

13/01/2020



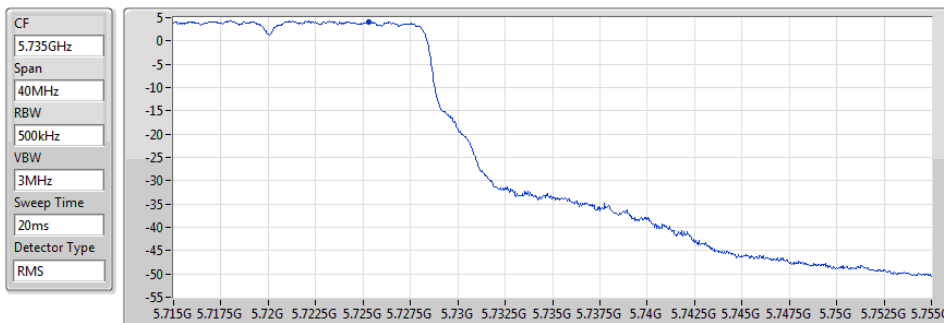
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.77	5.77	5.77

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

13/01/2020



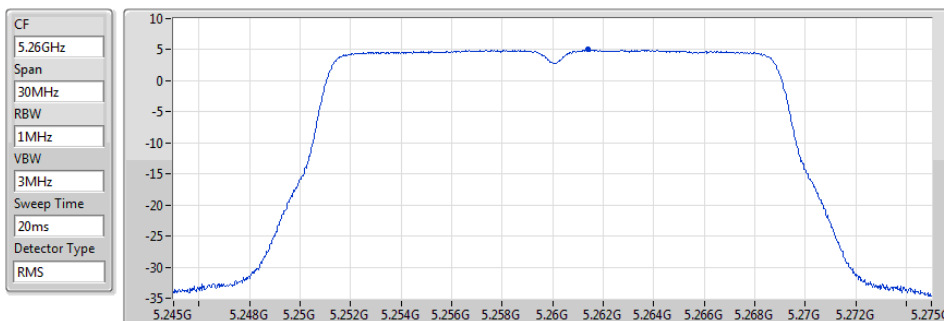
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.13	4.13	4.13

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5260MHz

13/01/2020



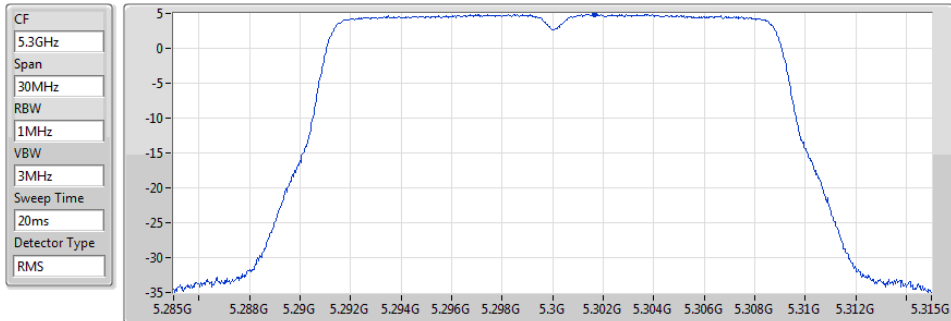
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.03	5.03	5.03

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

13/01/2020



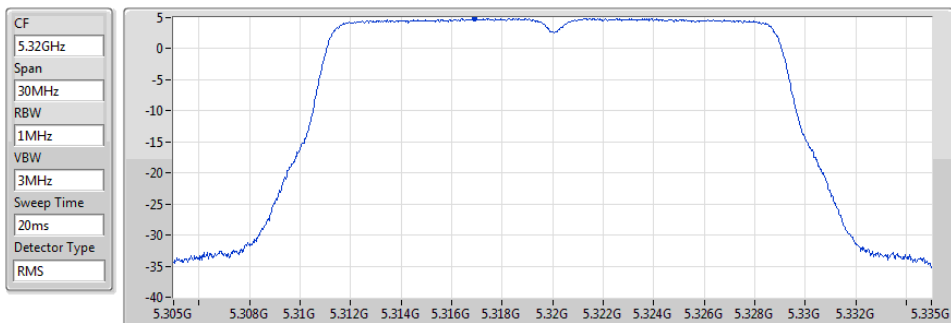
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.86	4.86	4.86

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

13/01/2020



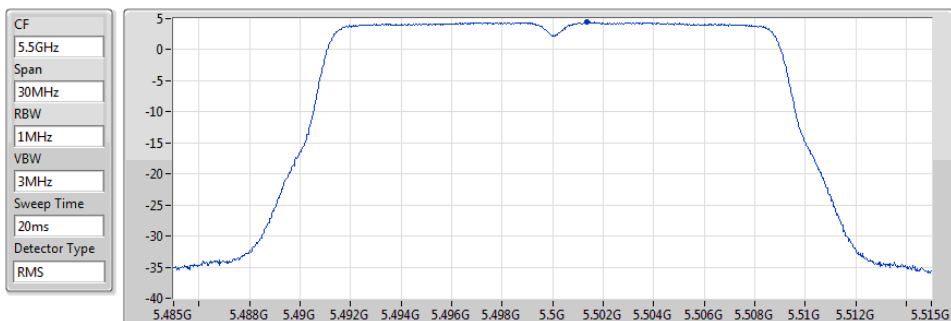
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.86	4.86	4.86

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5500MHz

13/01/2020



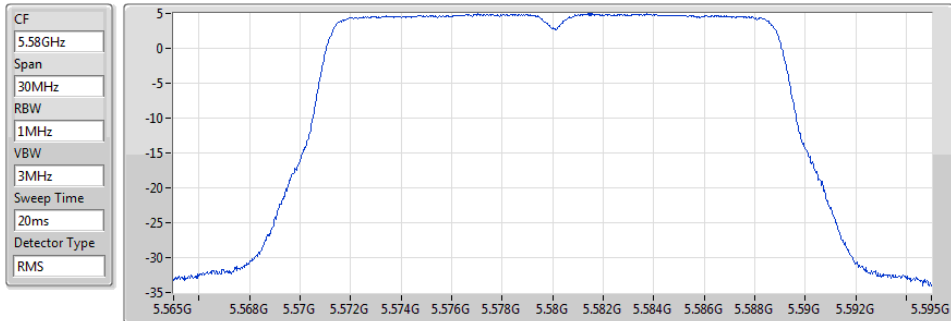
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.46	4.46	4.46

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5580MHz

13/01/2020

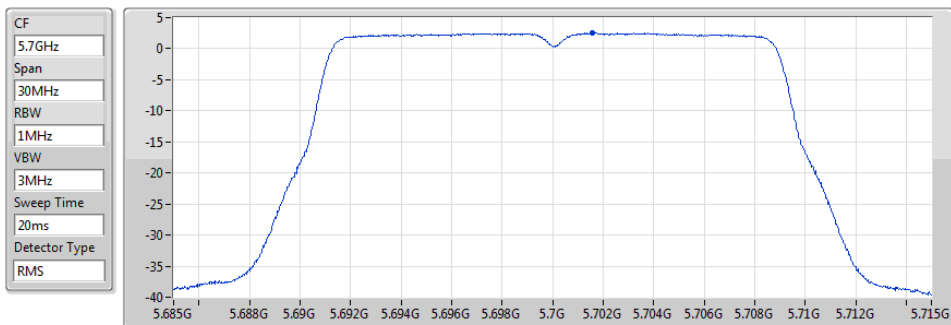


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5700MHz

13/01/2020

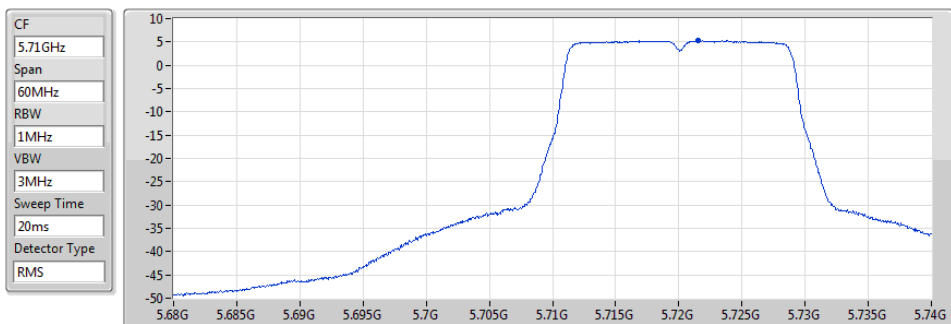


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

13/01/2020

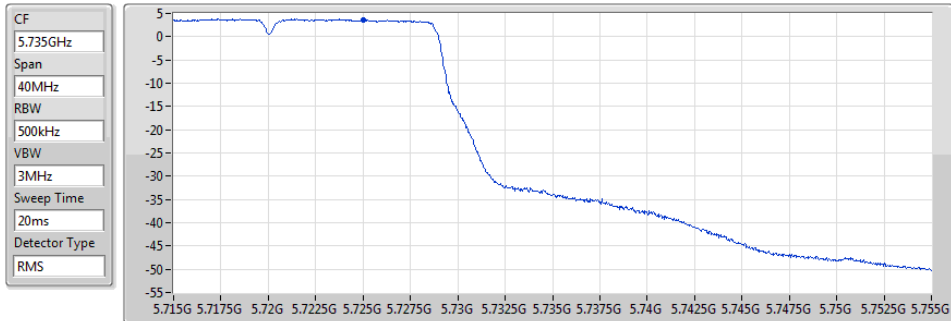


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

13/01/2020



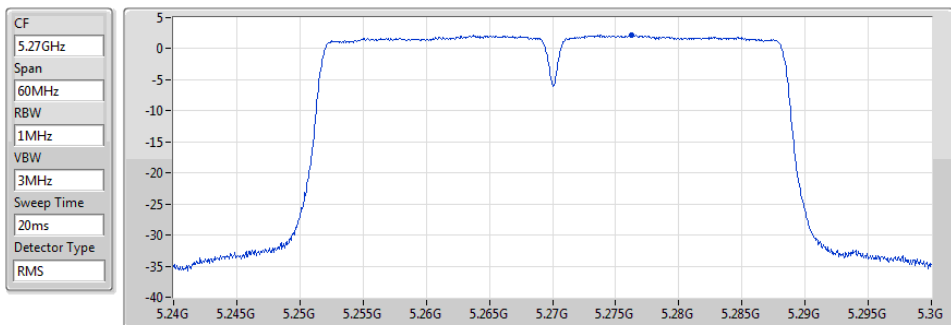
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.56	3.56	3.56

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5270MHz

13/01/2020



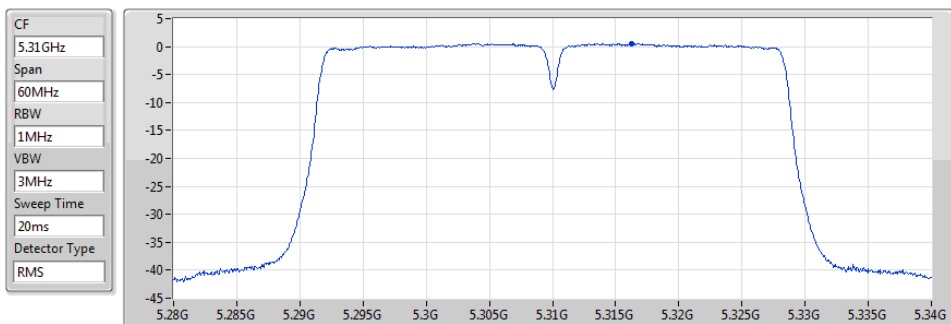
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.17	2.17	2.17

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5310MHz

13/01/2020



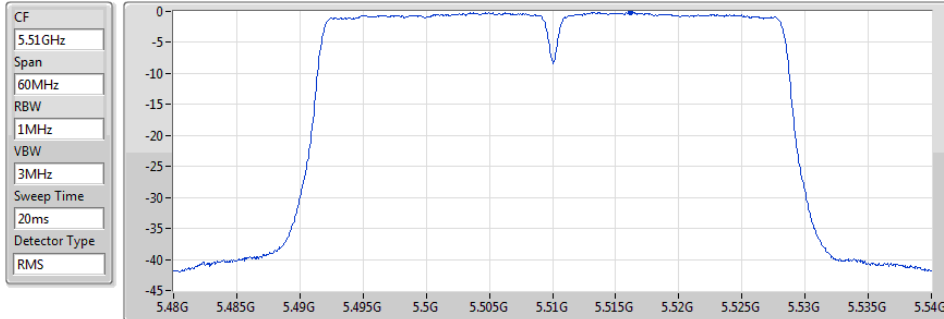
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.56	0.56	0.56

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5510MHz

13/01/2020



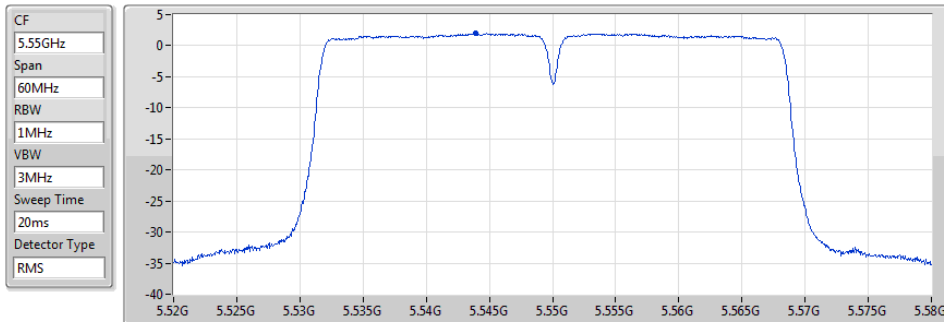
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.18	-0.18	-0.18

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5550MHz

13/01/2020



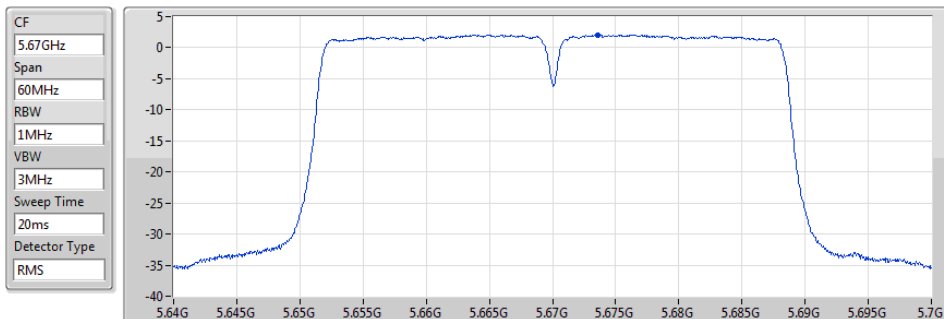
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.96	1.96	1.96

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5670MHz

13/01/2020



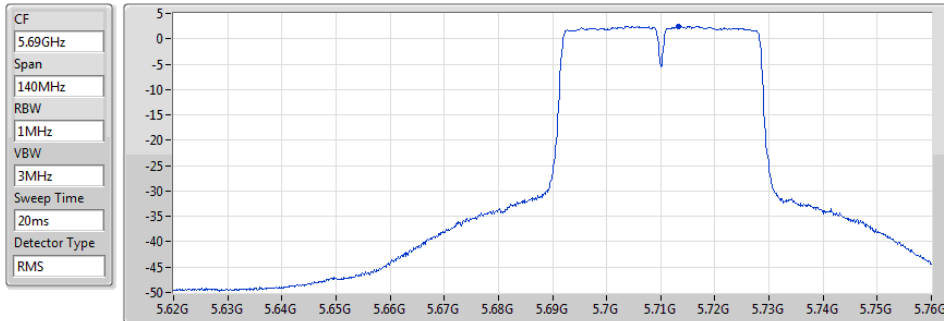
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.09	2.09	2.09

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

13/01/2020



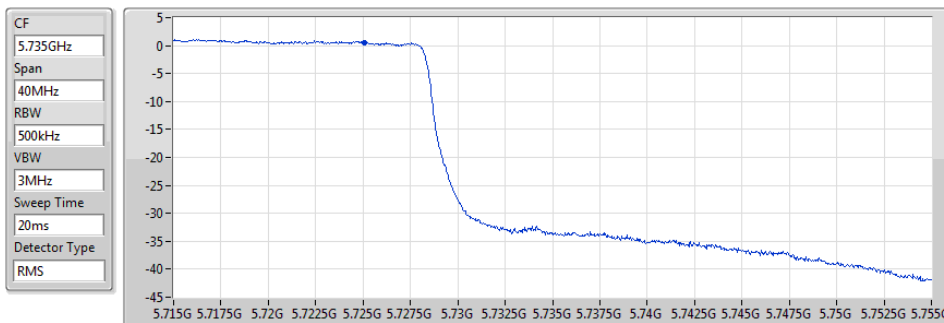
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.41	2.41	2.41

802.11ac VHT40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

13/01/2020



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.56	0.56	0.56

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5290MHz

13/01/2020



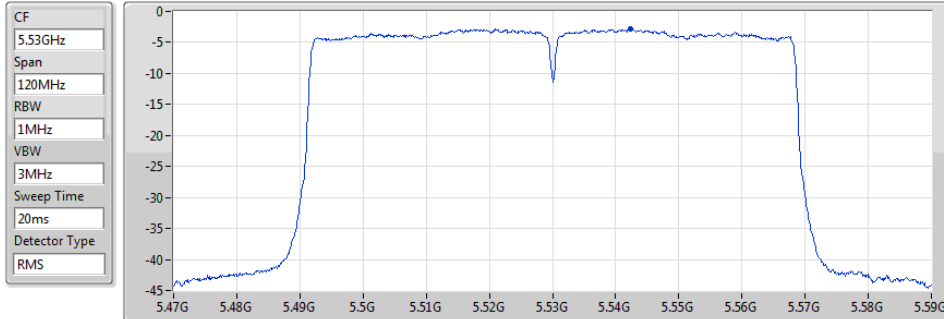
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.14	-2.14	-2.14

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5530MHz

13/01/2020



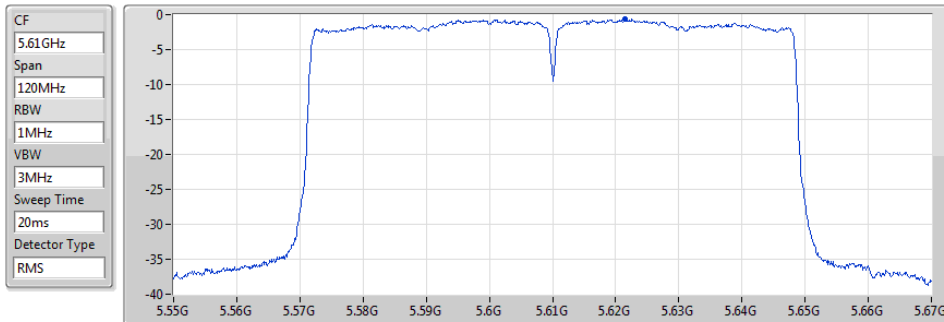
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.81	-2.81	-2.81

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5610MHz

13/01/2020



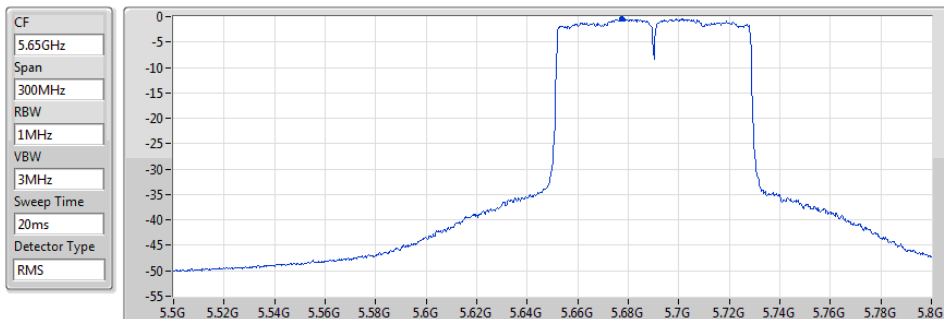
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.67	-0.67	-0.67

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

13/01/2020



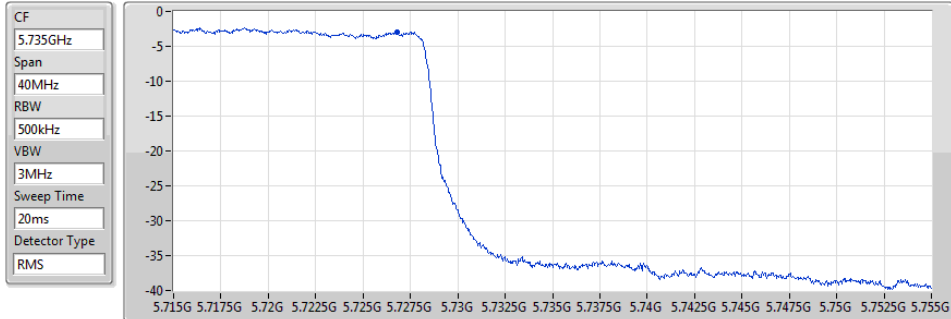
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.38	-0.38	-0.38

802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

13/01/2020



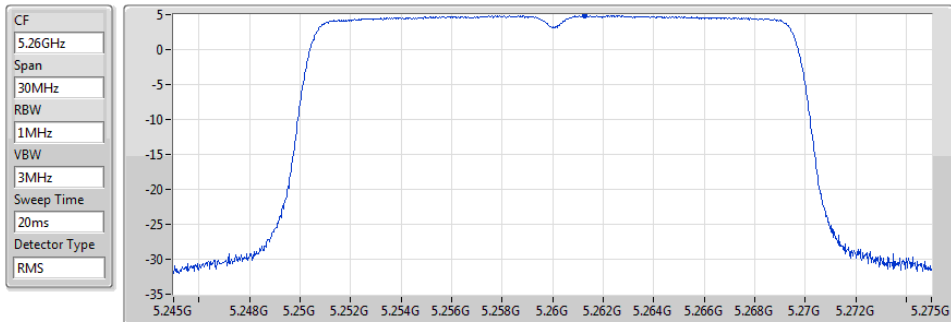
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.94	-2.94	-2.94

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

13/01/2020



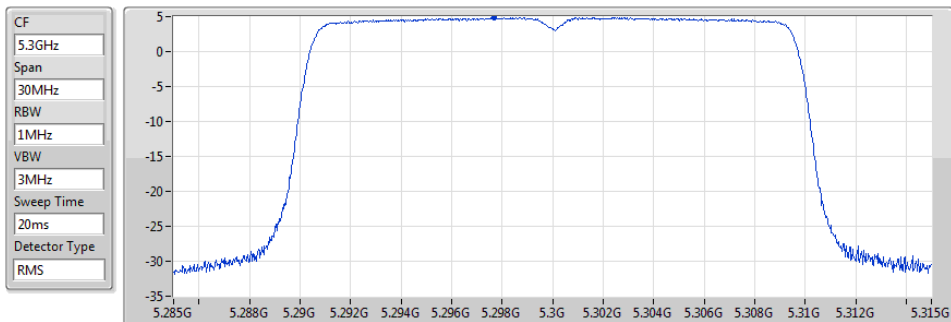
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.85	4.85	4.85

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

13/01/2020



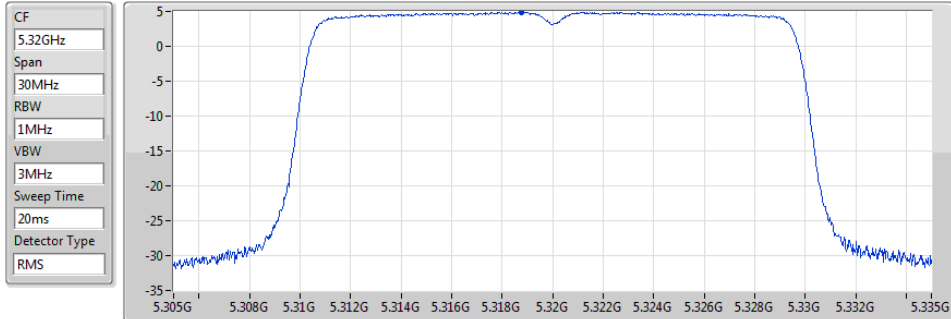
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.87	4.87	4.87

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

13/01/2020

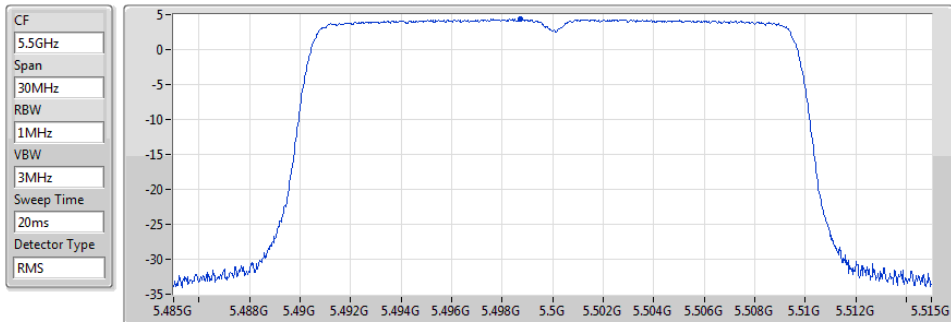


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

13/01/2020

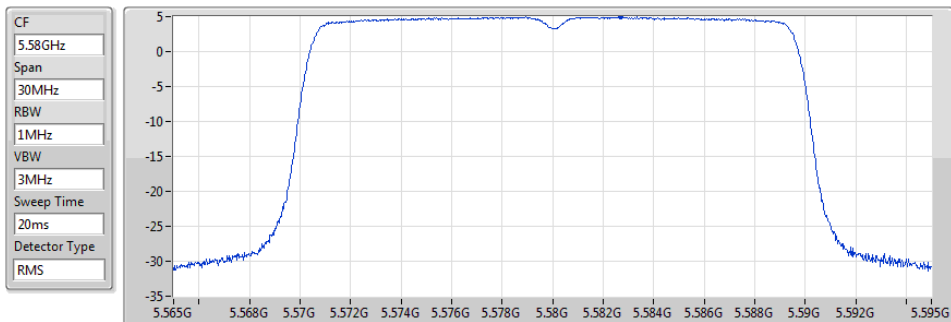


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

13/01/2020

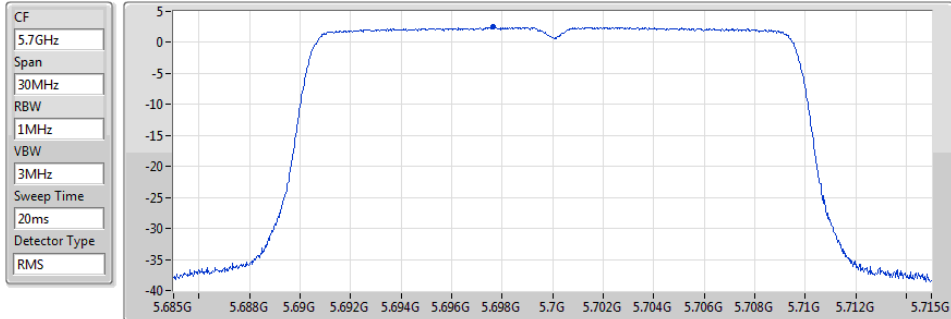


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

13/01/2020

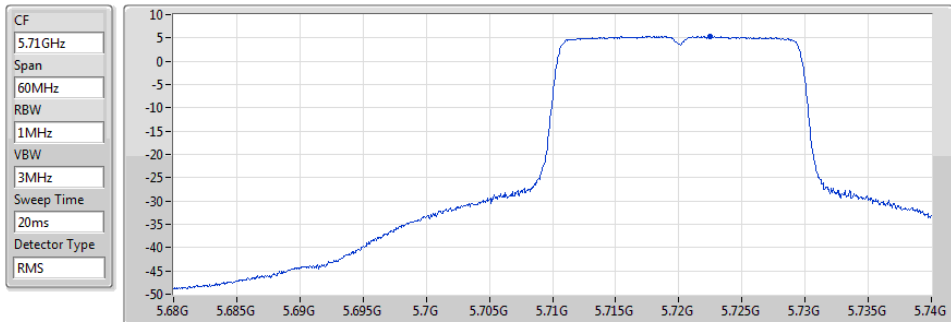


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

13/01/2020

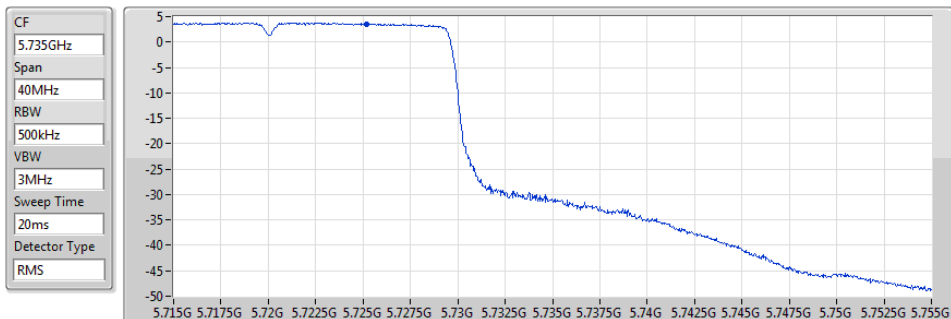


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

13/01/2020



802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

13/01/2020



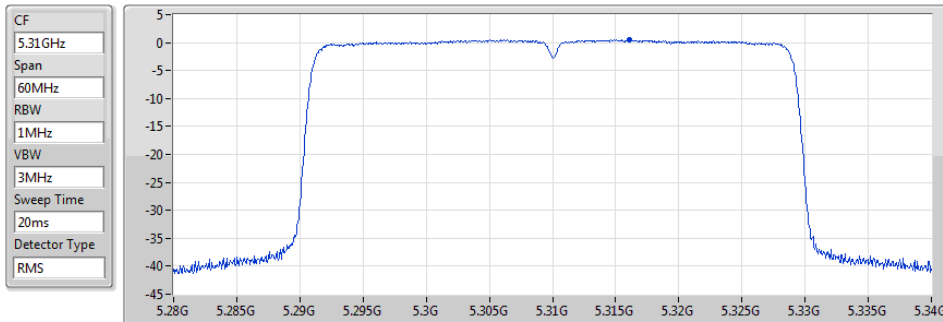
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.20	2.20	2.20

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

13/01/2020



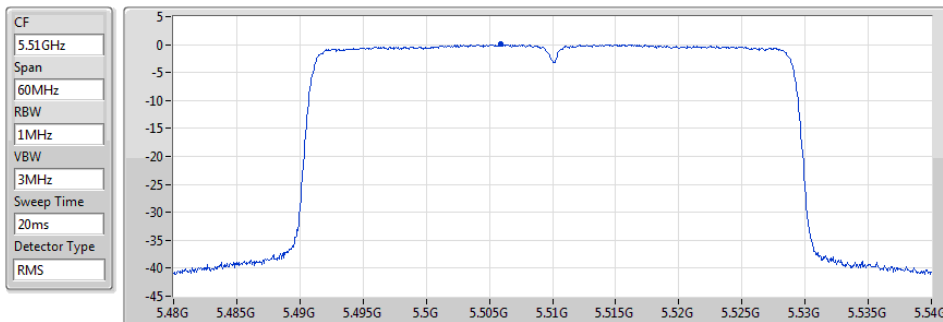
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.47	0.47	0.47

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

13/01/2020



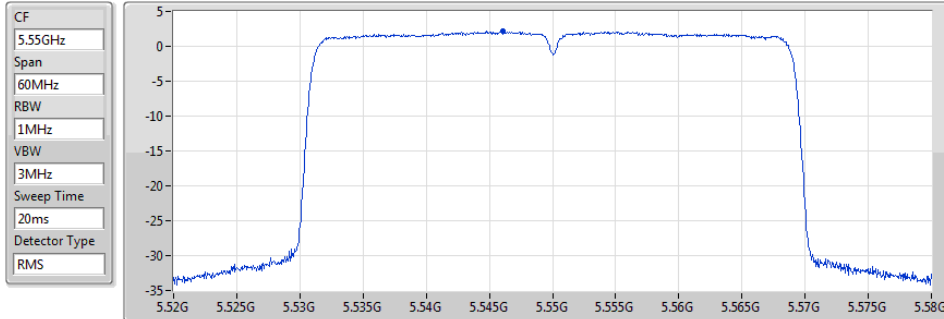
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.04	0.04	0.04

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

13/01/2020



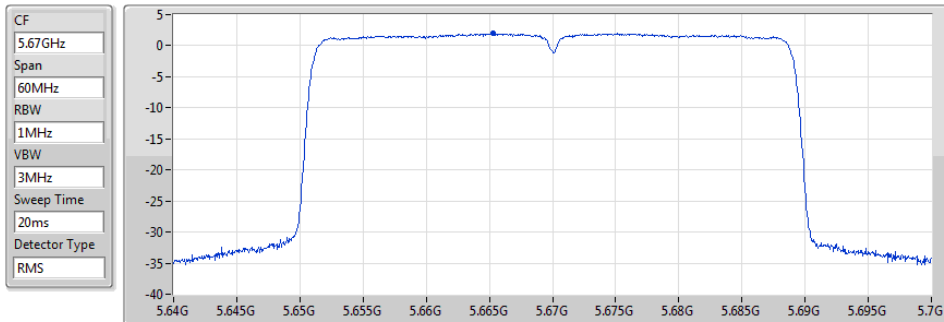
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.11	2.11	2.11

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

13/01/2020



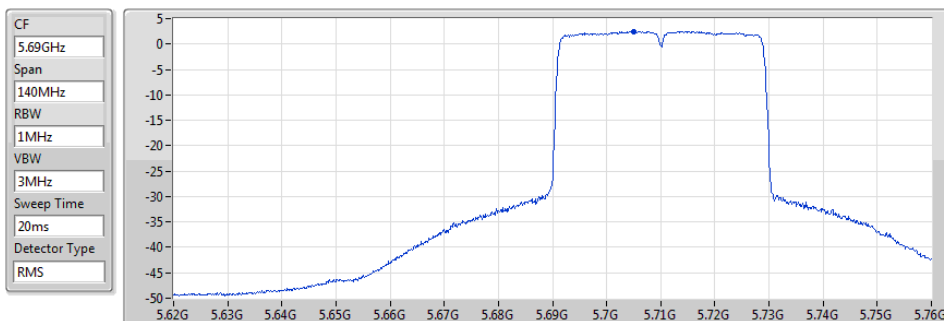
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.93	1.93	1.93

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

13/01/2020



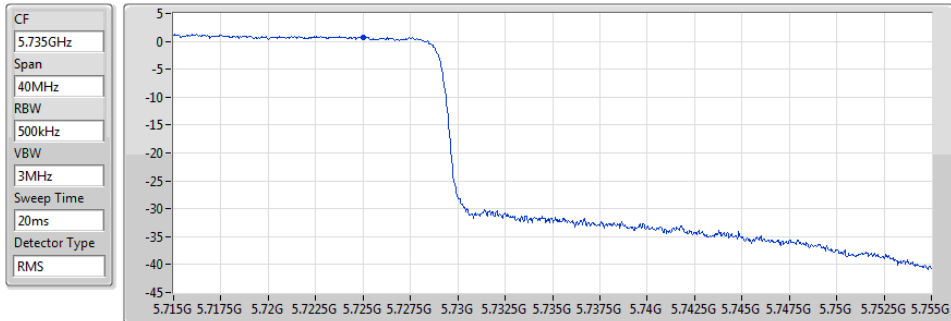
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.48	2.48	2.48

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

13/01/2020

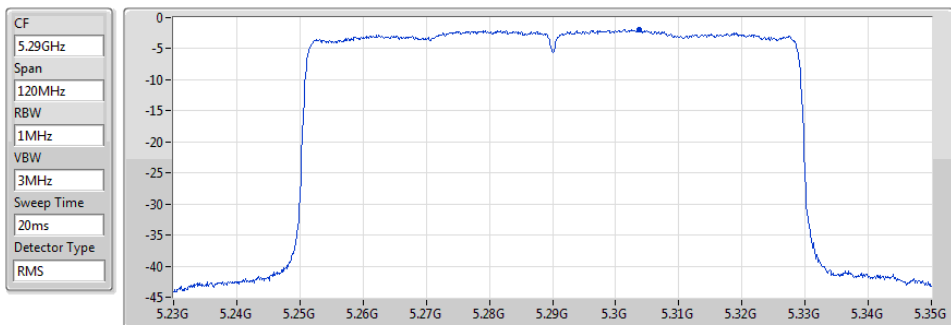


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

13/01/2020

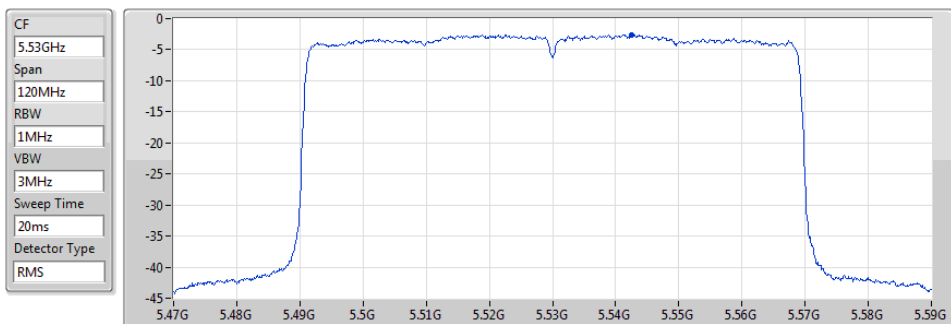


802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

13/01/2020



802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

13/01/2020



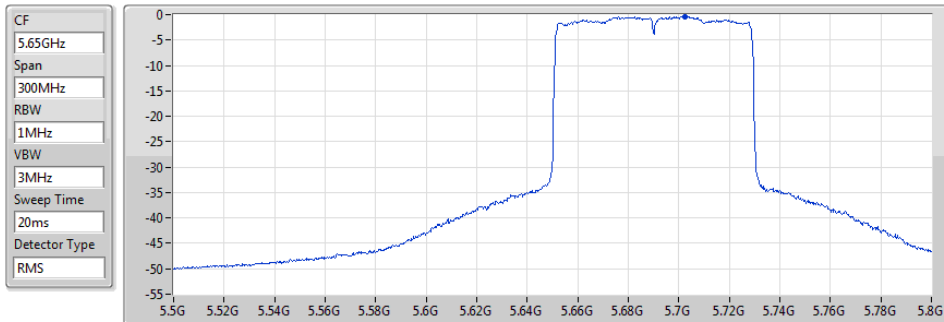
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.33	-0.33	-0.33

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

13/01/2020



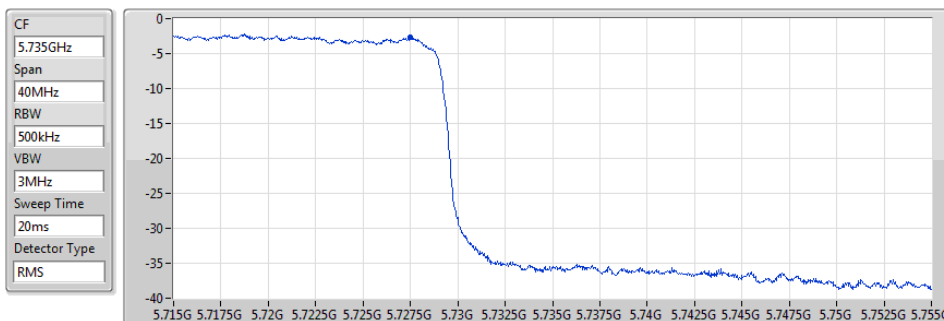
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.33	-0.33	-0.33

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

13/01/2020



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.67	-2.67	-2.67

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	3.23	16.94
802.11ac VHT20_Nss2,(MCS0)_2TX	4.90	15.60
802.11ac VHT40_Nss2,(MCS0)_2TX	2.06	12.76
802.11ac VHT80_Nss2,(MCS0)_2TX	-1.06	9.64
802.11ax HEW20_Nss2,(MCS0)_2TX	4.94	15.64
802.11ax HEW40_Nss2,(MCS0)_2TX	2.23	12.93
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.99	9.71
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	3.23	16.94
802.11ac VHT20_Nss2,(MCS0)_2TX	5.21	15.91
802.11ac VHT40_Nss2,(MCS0)_2TX	2.41	13.11
802.11ac VHT80_Nss2,(MCS0)_2TX	-0.56	10.14
802.11ax HEW20_Nss2,(MCS0)_2TX	5.17	15.87
802.11ax HEW40_Nss2,(MCS0)_2TX	2.73	13.43
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.21	10.49
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	1.44	15.15
802.11ac VHT20_Nss2,(MCS0)_2TX	3.50	14.20
802.11ac VHT40_Nss2,(MCS0)_2TX	0.29	10.99
802.11ac VHT80_Nss2,(MCS0)_2TX	-2.91	7.79
802.11ax HEW20_Nss2,(MCS0)_2TX	3.55	14.25
802.11ax HEW40_Nss2,(MCS0)_2TX	0.78	11.48
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.68	8.02

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	13.71	-0.04	0.20	3.00	3.29	16.71	17.00
5300MHz	Pass	13.71	0.18	0.48	3.23	3.29	16.94	17.00
5320MHz	Pass	13.71	0.04	0.51	3.18	3.29	16.89	17.00
5500MHz	Pass	13.71	-0.24	0.75	3.22	3.29	16.93	17.00
5580MHz	Pass	13.71	-0.30	0.50	3.07	3.29	16.78	17.00
5700MHz	Pass	13.71	0.05	0.47	3.20	3.29	16.91	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	13.71	0.06	0.60	3.23	3.29	16.94	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	13.71	-1.74	-1.30	1.44	22.29	15.15	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	1.63	1.84	4.72	6.30	15.42	17.00
5300MHz	Pass	10.70	1.66	1.98	4.77	6.30	15.47	17.00
5320MHz	Pass	10.70	1.80	2.15	4.90	6.30	15.60	17.00
5500MHz	Pass	10.70	1.67	2.29	4.96	6.30	15.66	17.00
5580MHz	Pass	10.70	1.59	2.08	4.74	6.30	15.44	17.00
5700MHz	Pass	10.70	1.41	2.10	4.74	6.30	15.44	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	2.01	2.48	5.21	6.30	15.91	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	0.20	0.90	3.50	25.30	14.20	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	-1.04	-0.73	2.06	6.30	12.76	17.00
5310MHz	Pass	10.70	-1.74	-1.28	1.46	6.30	12.16	17.00
5510MHz	Pass	10.70	-1.96	-1.44	1.25	6.30	11.95	17.00
5550MHz	Pass	10.70	-0.86	-0.55	2.11	6.30	12.81	17.00
5670MHz	Pass	10.70	-1.00	-0.64	2.13	6.30	12.83	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	-0.64	-0.26	2.41	6.30	13.11	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	-2.82	-2.52	0.29	25.30	10.99	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	-4.44	-3.60	-1.06	6.30	9.64	17.00
5530MHz	Pass	10.70	-4.52	-4.38	-1.49	6.30	9.21	17.00
5610MHz	Pass	10.70	-3.75	-3.22	-0.56	6.30	10.14	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-3.82	-3.22	-0.63	6.30	10.07	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-6.33	-5.41	-2.91	25.30	7.79	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	1.80	1.81	4.72	6.30	15.42	17.00
5300MHz	Pass	10.70	1.72	1.97	4.81	6.30	15.51	17.00
5320MHz	Pass	10.70	1.84	2.15	4.94	6.30	15.64	17.00
5500MHz	Pass	10.70	1.52	2.27	4.91	6.30	15.61	17.00
5580MHz	Pass	10.70	1.54	2.23	4.79	6.30	15.49	17.00
5700MHz	Pass	10.70	1.65	2.18	4.86	6.30	15.56	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	1.99	2.40	5.17	6.30	15.87	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	0.28	0.87	3.55	25.30	14.25	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	-0.89	-0.50	2.23	6.30	12.93	17.00
5310MHz	Pass	10.70	-1.60	-1.10	1.58	6.30	12.28	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5510MHz	Pass	10.70	-1.81	-1.30	1.39	6.30	12.09	17.00
5550MHz	Pass	10.70	-0.96	-0.43	2.28	6.30	12.98	17.00
5670MHz	Pass	10.70	-0.93	-0.62	2.18	6.30	12.88	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	-0.25	-0.14	2.73	6.30	13.43	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	-2.34	-2.12	0.78	25.30	11.48	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	-4.25	-3.58	-0.99	6.30	9.71	17.00
5530MHz	Pass	10.70	-4.27	-4.33	-1.35	6.30	9.35	17.00
5610MHz	Pass	10.70	-3.40	-3.03	-0.36	6.30	10.34	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-3.37	-2.91	-0.21	6.30	10.49	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-5.88	-5.43	-2.68	25.30	8.02	36.00

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

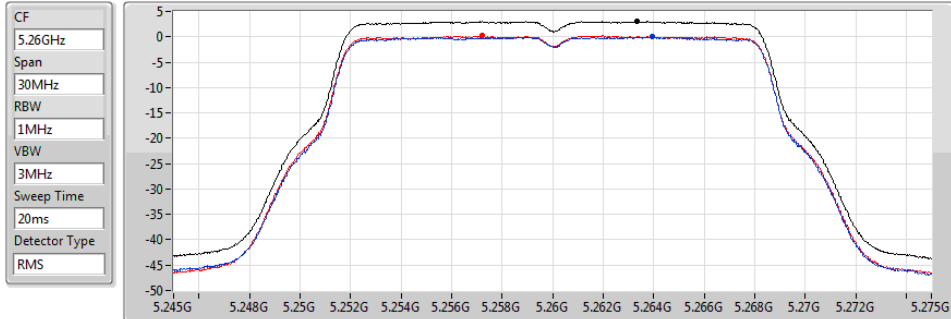
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

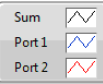
PSD

5260MHz

14/01/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.00	3.00	-0.04	0.20

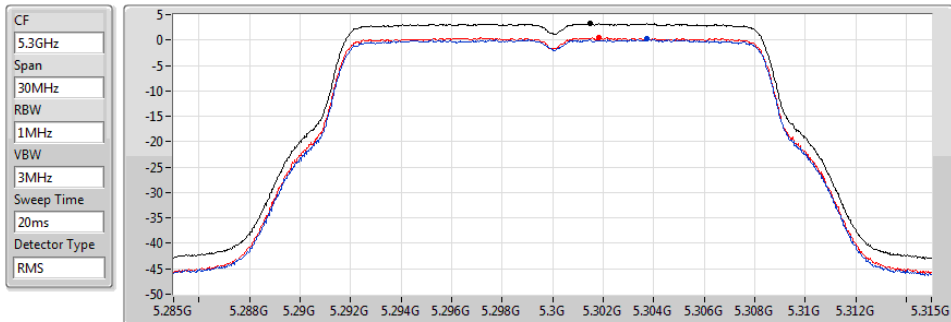


802.11a_Nss1,(6Mbps)_2TX

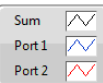
PSD

5300MHz

14/01/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.23	3.23	0.18	0.48

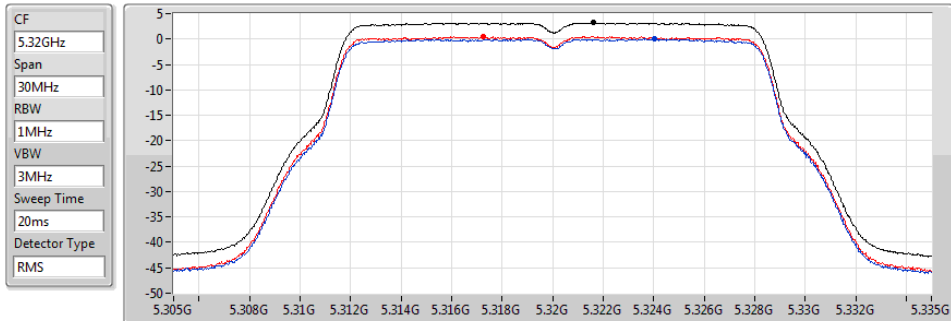


802.11a_Nss1,(6Mbps)_2TX

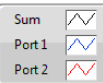
PSD

5320MHz

14/01/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.18	3.18	0.04	0.51

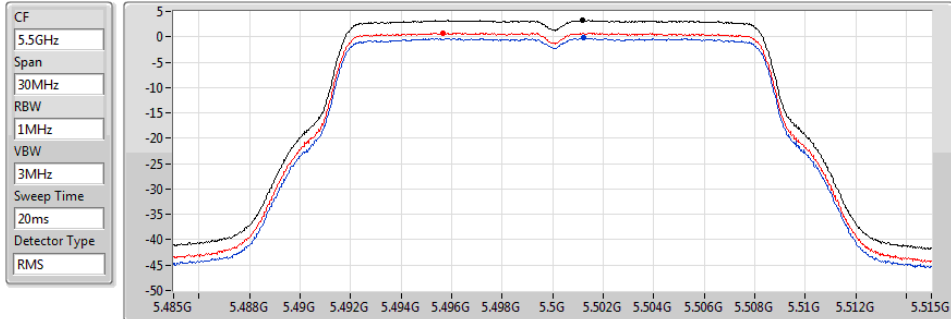


802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

14/01/2020



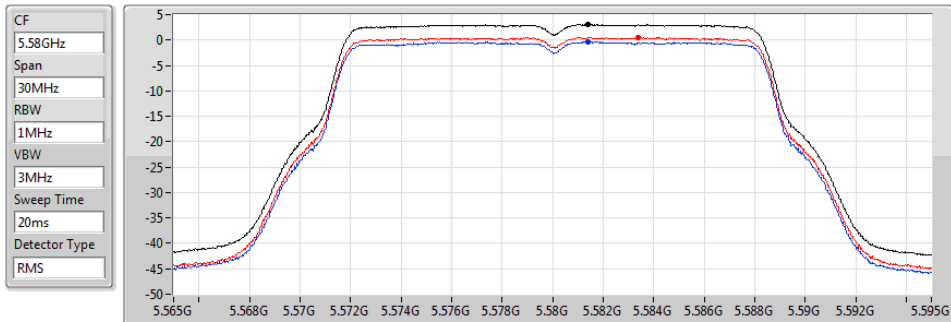
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.22	3.22	-0.24	0.75

802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

14/01/2020



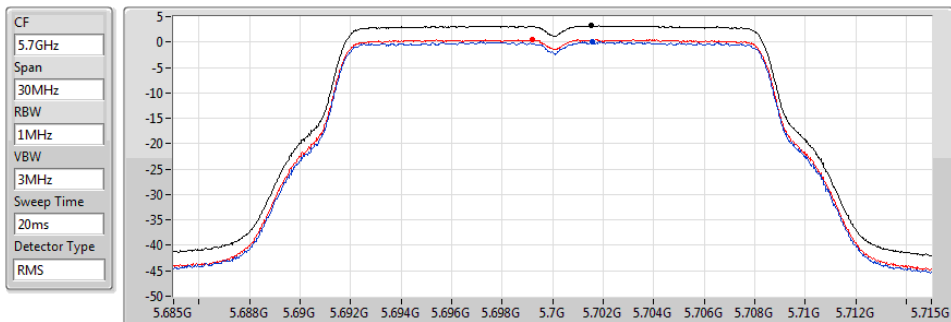
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.07	3.07	-0.30	0.50

802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

14/01/2020



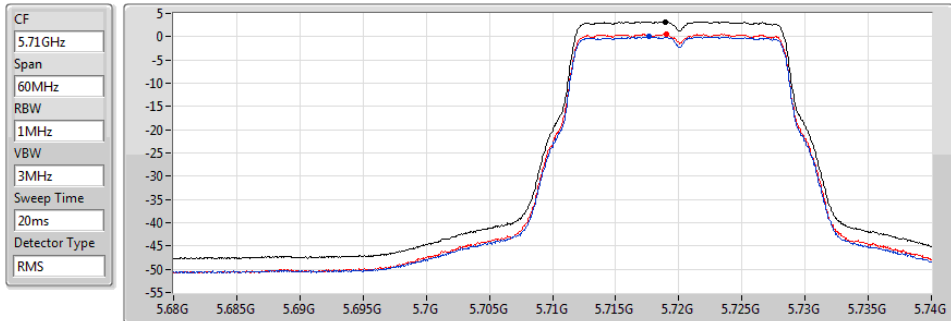
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.20	3.20	0.05	0.47

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

14/01/2020



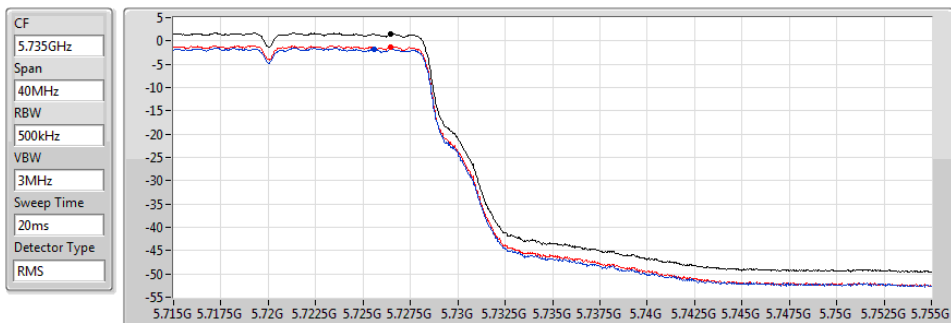
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.23	3.23	0.06	0.60

802.11a_Nss1,(6Mbps)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

14/01/2020



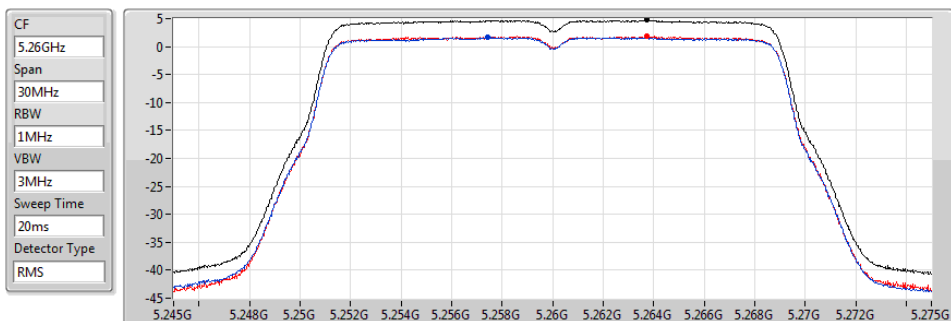
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.44	1.44	-1.74	-1.30

802.11ac VHT20_Nss2,(MCS0)_2TX

5260MHz

PSD

14/01/2020



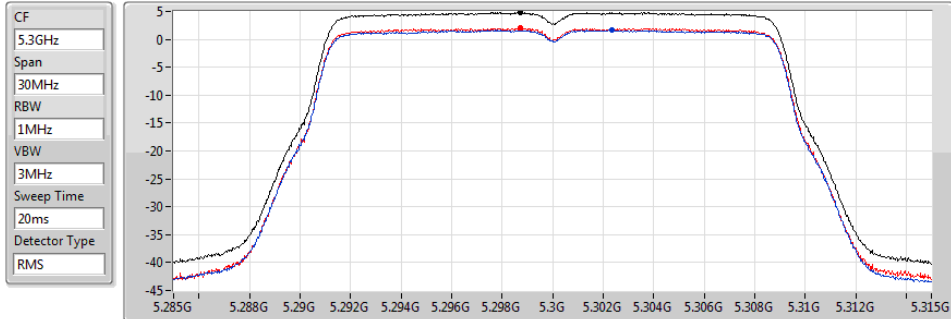
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.72	4.72	1.63	1.84

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5300MHz

14/01/2020



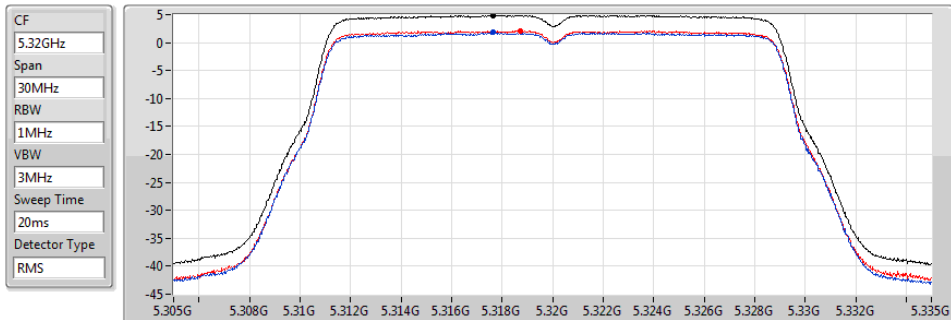
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.77	4.77	1.66	1.98

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5320MHz

14/01/2020



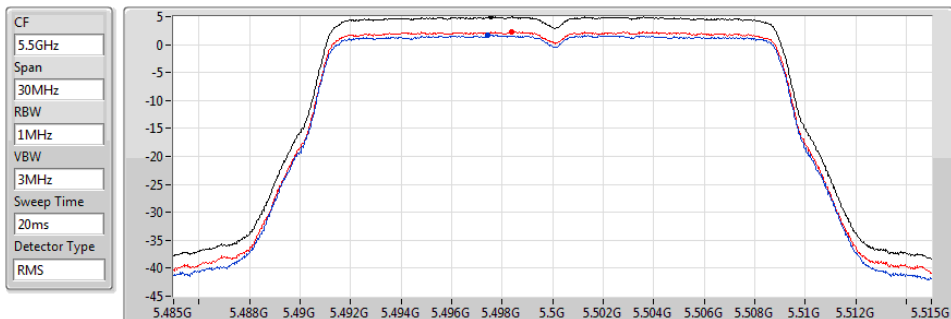
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.90	4.90	1.80	2.15

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5500MHz

14/01/2020



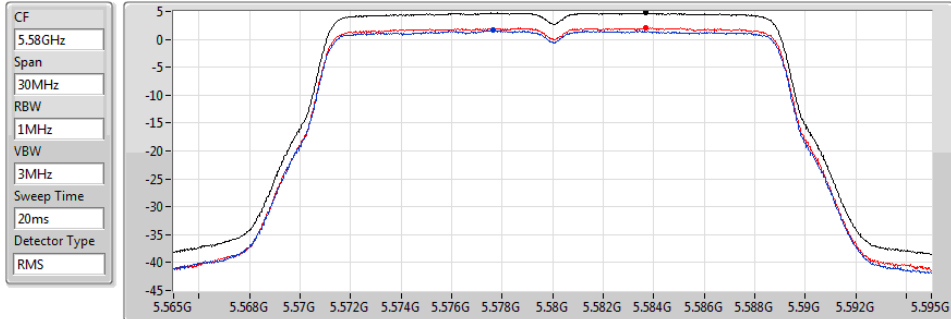
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.96	4.96	1.67	2.29

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5580MHz

14/01/2020



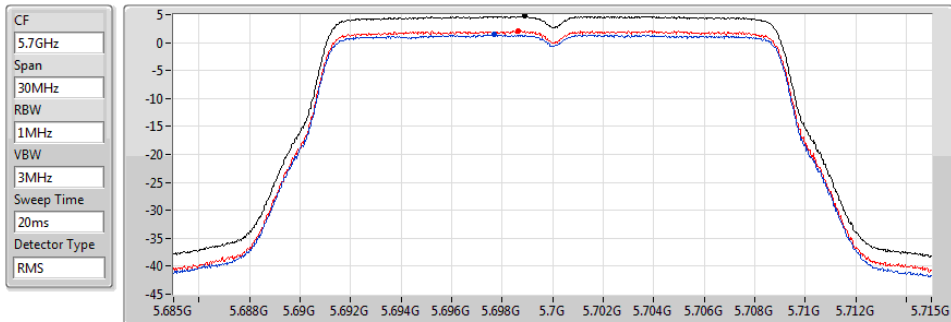
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.74	4.74	1.59	2.08

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5700MHz

14/01/2020



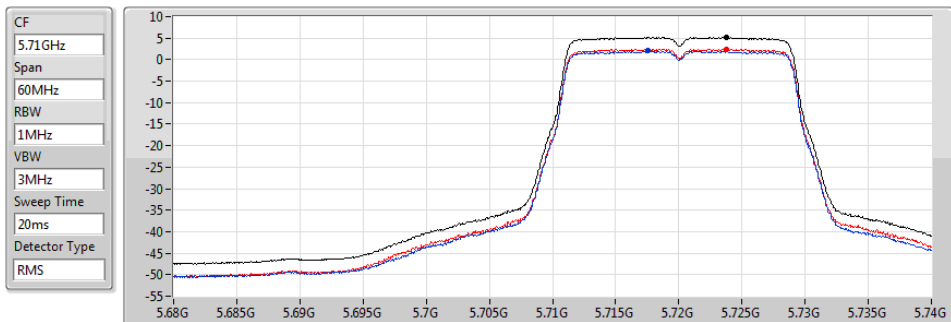
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.74	4.74	1.41	2.10

802.11ac VHT20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

14/01/2020



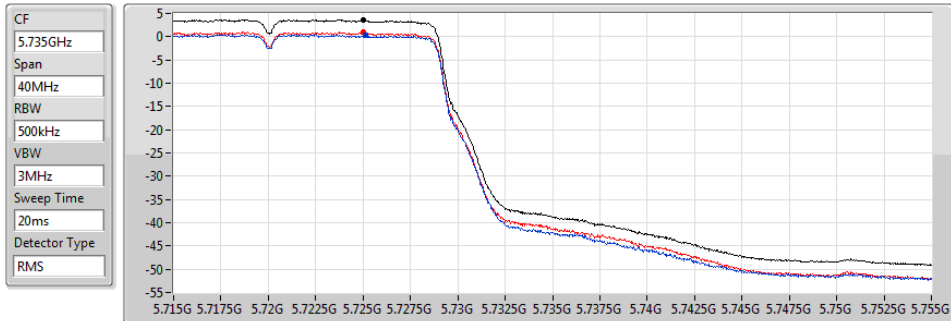
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.21	5.21	2.01	2.48

802.11ac VHT20_Nss2,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

14/01/2020



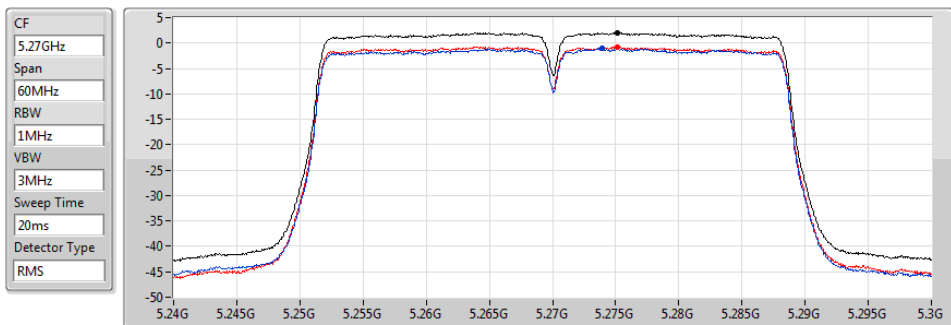
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.50	3.50	0.20	0.90

802.11ac VHT40_Nss2,(MCS0)_2TX

5270MHz

PSD

14/01/2020



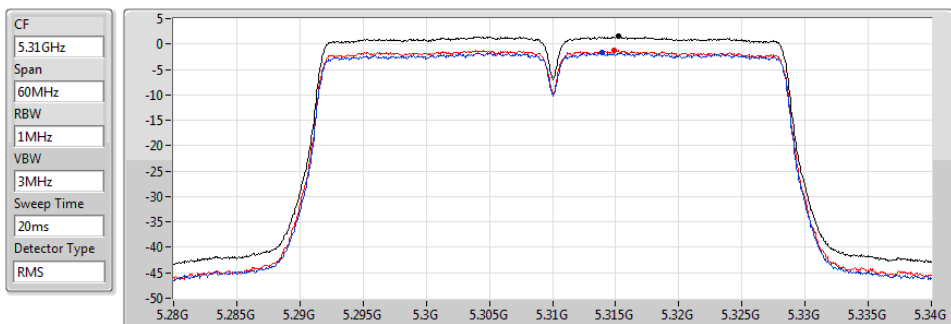
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.06	2.06	-1.04	-0.73

802.11ac VHT40_Nss2,(MCS0)_2TX

5310MHz

PSD

14/01/2020



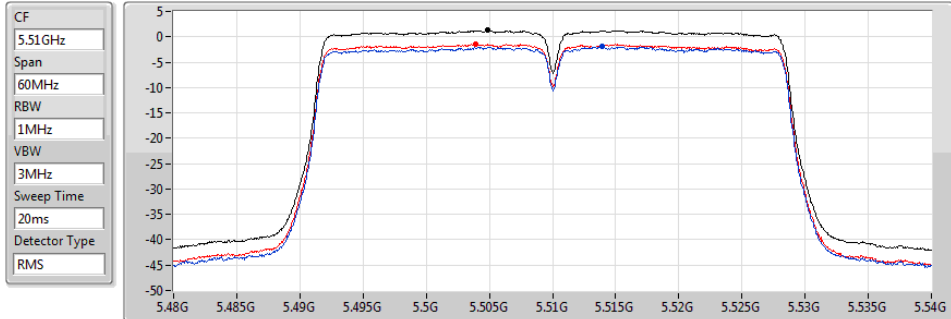
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.46	1.46	-1.74	-1.28

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5510MHz

14/01/2020



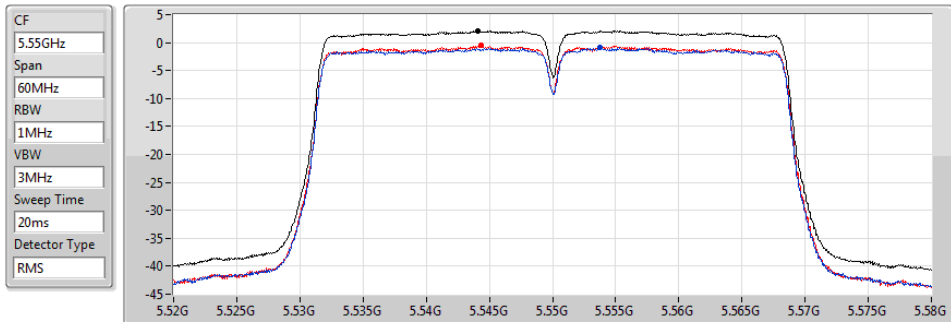
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.25	1.25	-1.96	-1.44

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5550MHz

14/01/2020



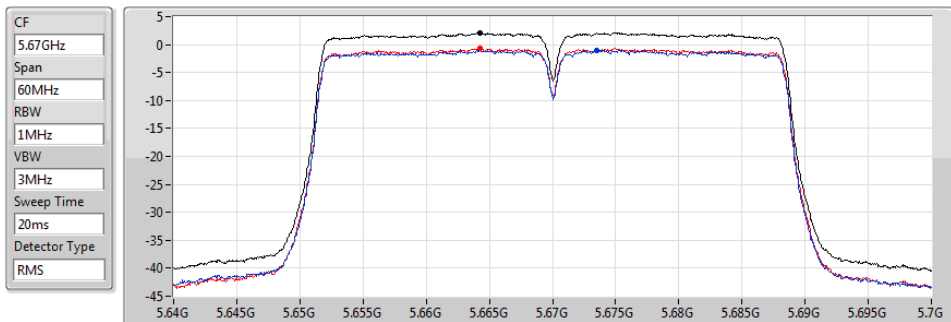
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.11	2.11	-0.86	-0.55

802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5670MHz

14/01/2020



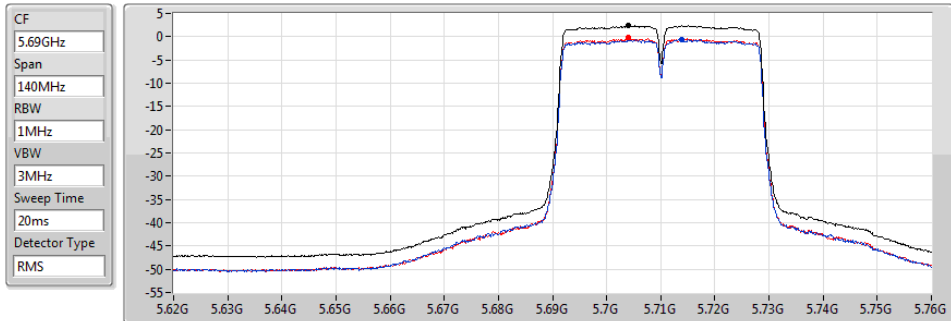
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.13	2.13	-1.00	-0.64

802.11ac VHT40_Nss2,(MCS0)_2TX

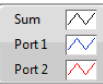
5710MHz Straddle 5.47-5.725GHz

PSD

14/01/2020



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.41	2.41	-0.64	-0.26

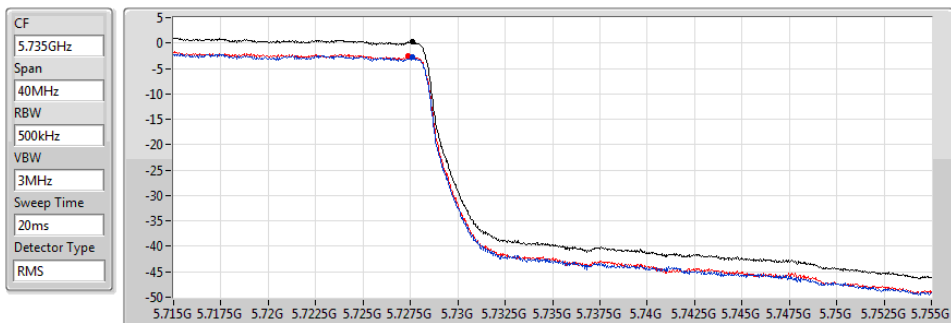


802.11ac VHT40_Nss2,(MCS0)_2TX

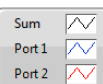
5710MHz Straddle 5.725-5.85GHz

PSD

14/01/2020



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.29	0.29	-2.82	-2.52

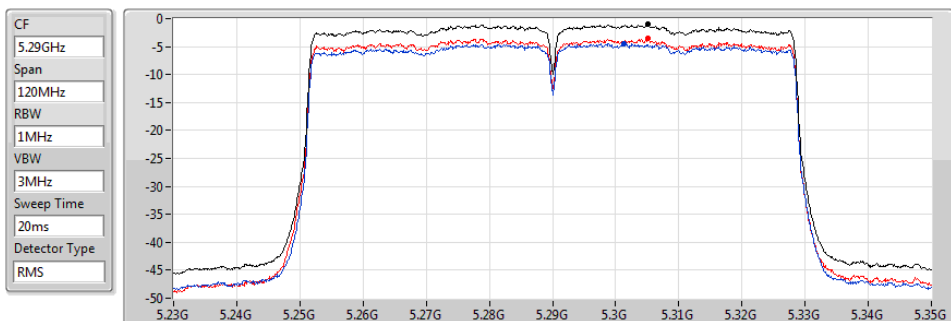


802.11ac VHT80_Nss2,(MCS0)_2TX

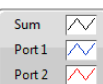
5290MHz

PSD

14/01/2020



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.06	-1.06	-4.44	-3.60

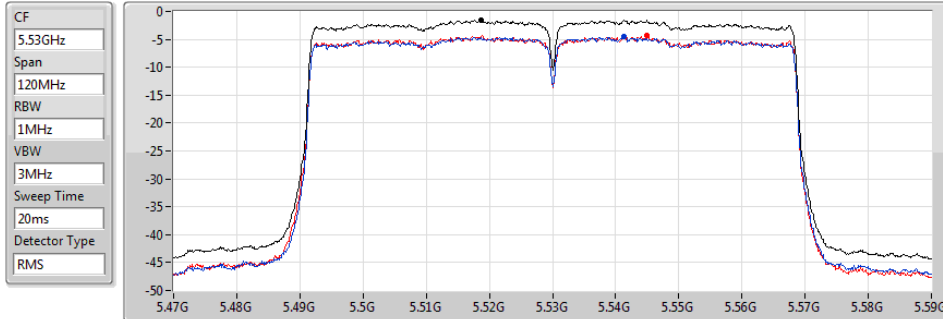


802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5530MHz

14/01/2020



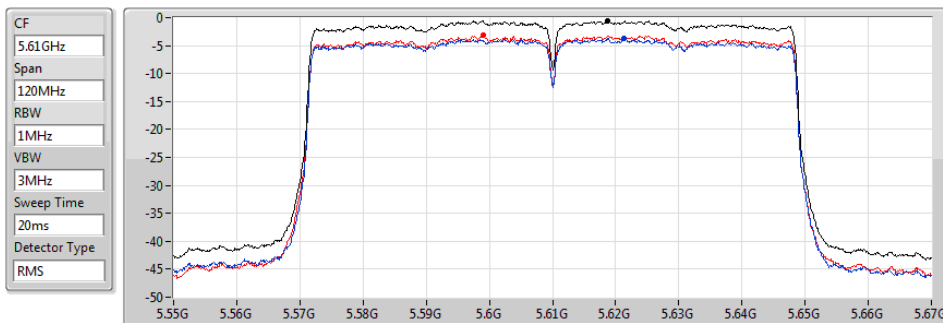
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.49	-1.49	-4.52	-4.38

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5610MHz

14/01/2020



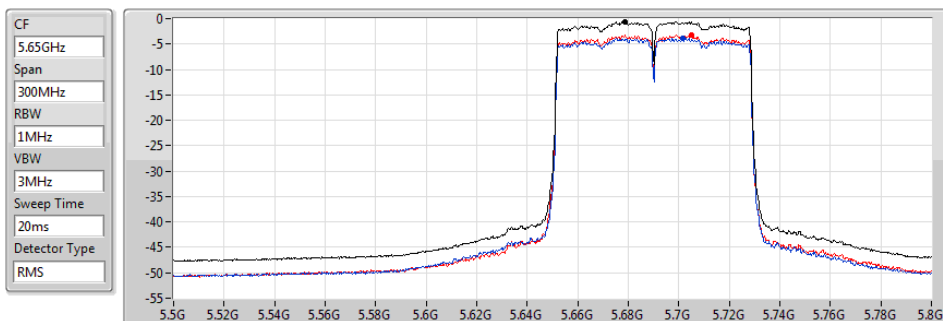
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.56	-0.56	-3.75	-3.22

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

14/01/2020



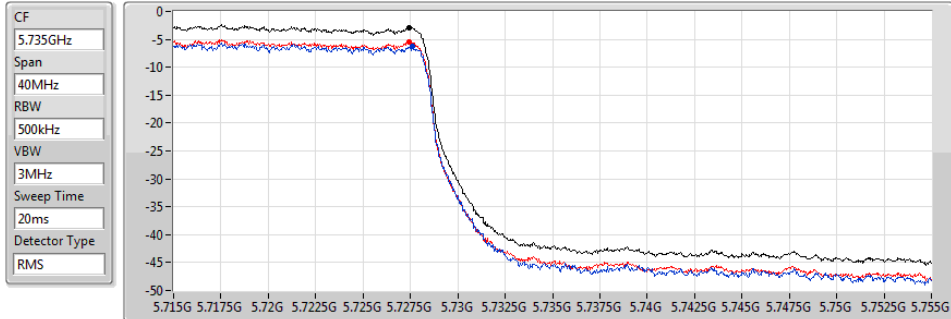
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.63	-0.63	-3.82	-3.22

802.11ac VHT80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

14/01/2020



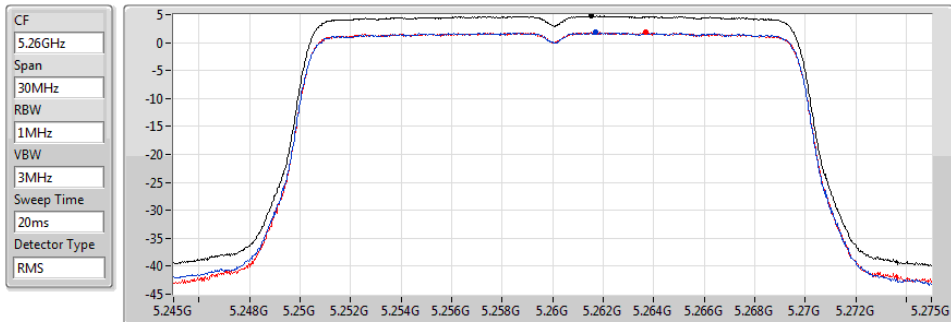
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.91	-2.91	-6.33	-5.41

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5260MHz

14/01/2020



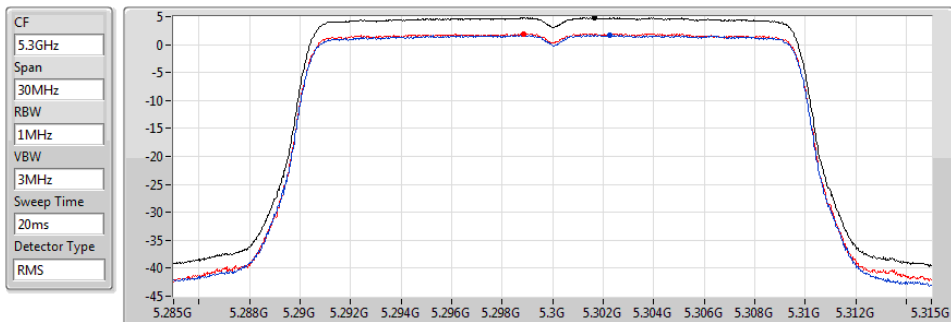
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.72	4.72	1.80	1.81

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5300MHz

14/01/2020



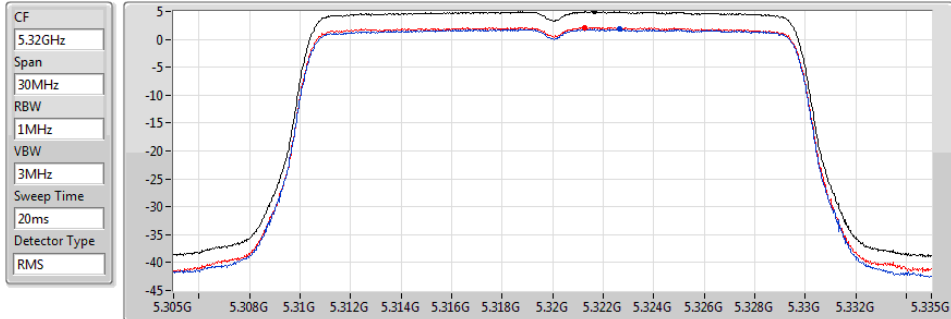
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.81	4.81	1.72	1.97

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5320MHz

14/01/2020



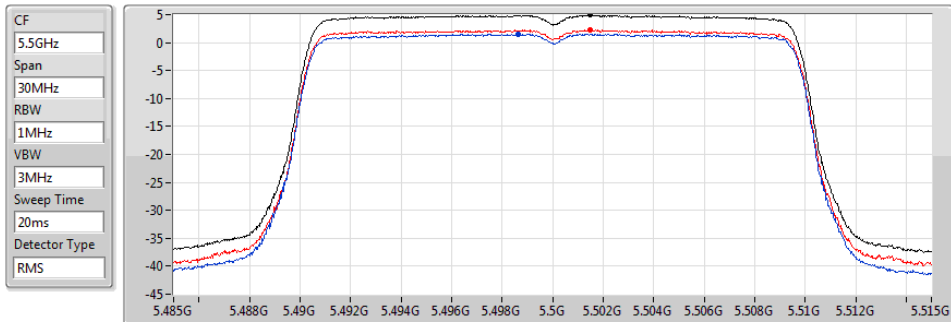
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.94	4.94	1.84	2.15

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5500MHz

14/01/2020



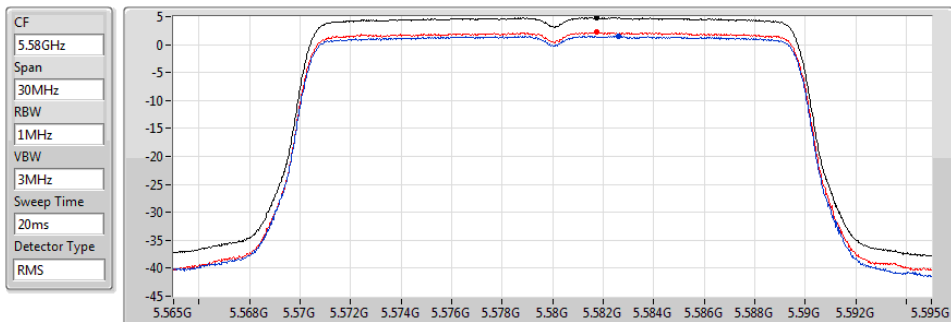
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.91	4.91	1.52	2.27

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5580MHz

14/01/2020



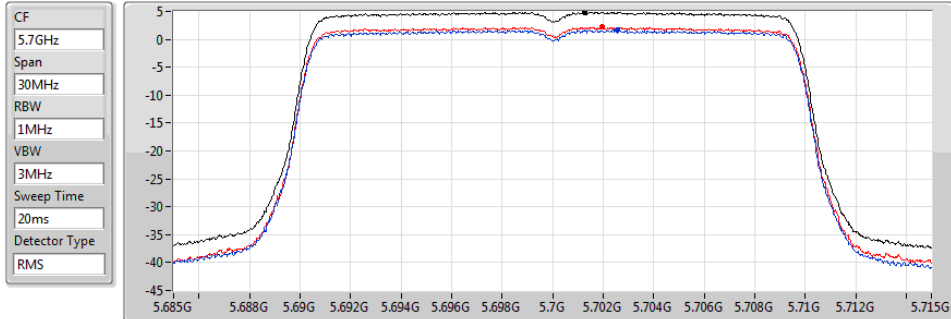
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.79	4.79	1.54	2.23

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5700MHz

14/01/2020



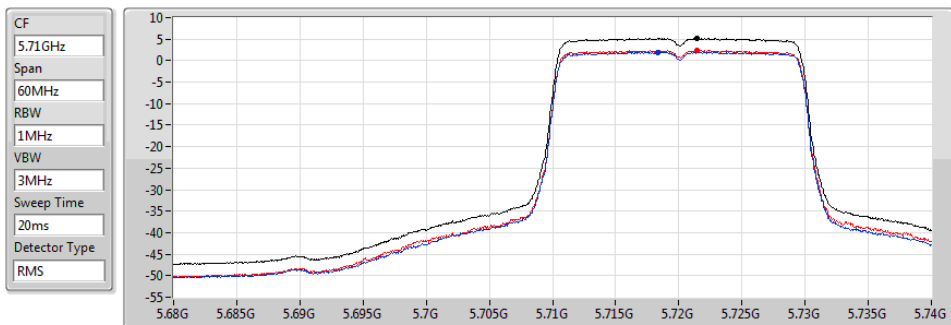
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.86	4.86	1.65	2.18

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

14/01/2020



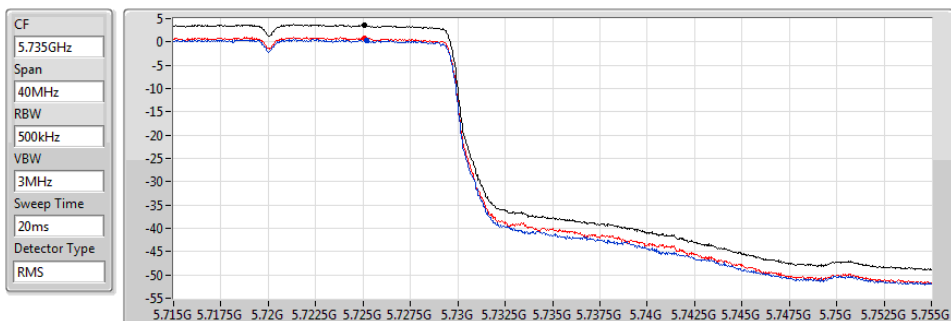
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.17	5.17	1.99	2.40

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

14/01/2020



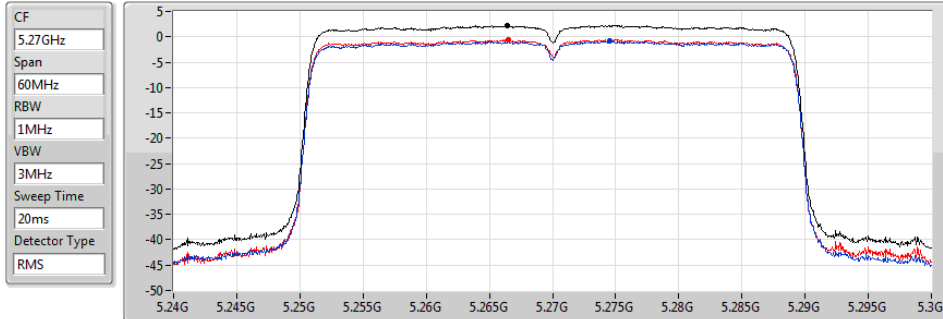
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.55	3.55	0.28	0.87

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5270MHz

14/01/2020



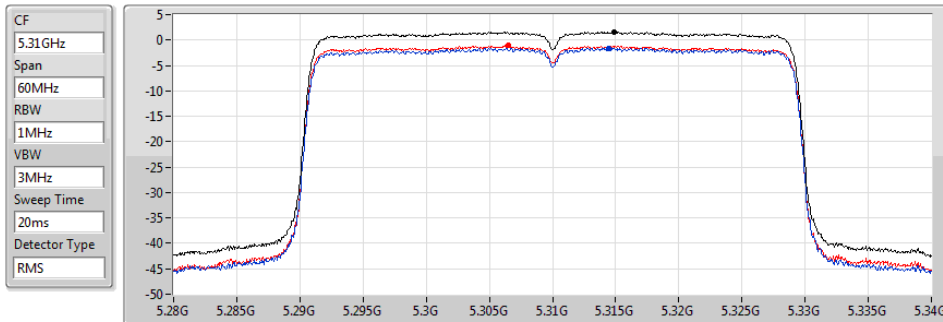
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.23	2.23	-0.89	-0.50

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5310MHz

14/01/2020



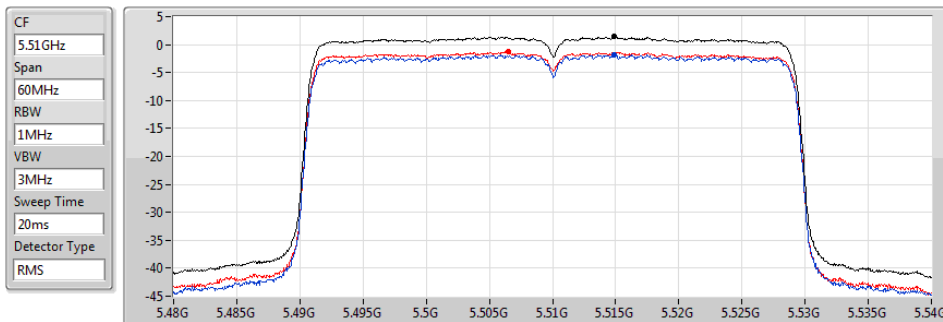
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.58	1.58	-1.60	-1.10

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5510MHz

14/01/2020



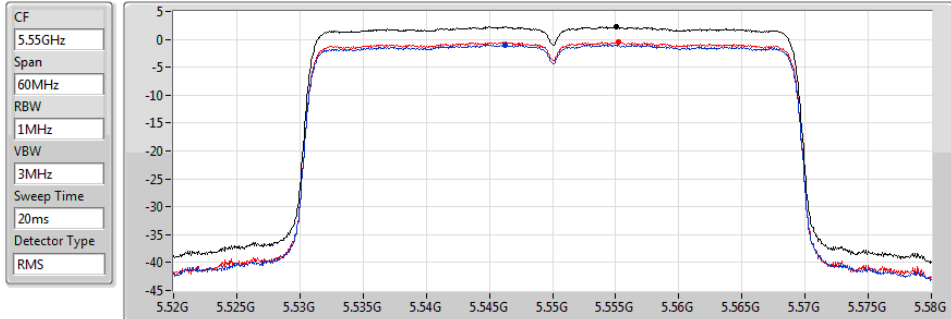
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
1.39	1.39	-1.81	-1.30

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5550MHz

14/01/2020



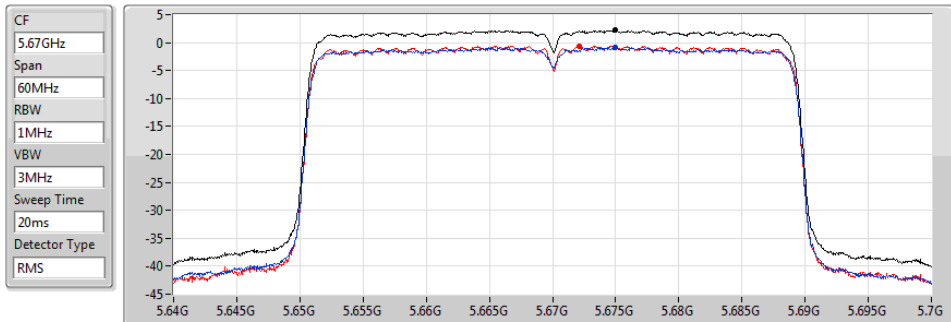
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.28	2.28	-0.96	-0.43

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5670MHz

14/01/2020



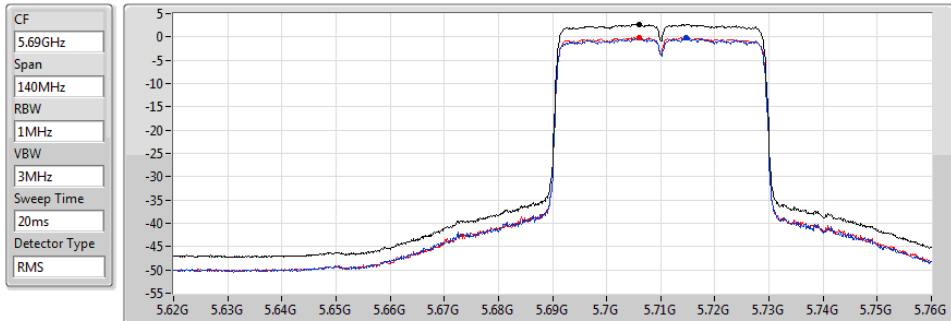
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.18	2.18	-0.93	-0.62

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

14/01/2020



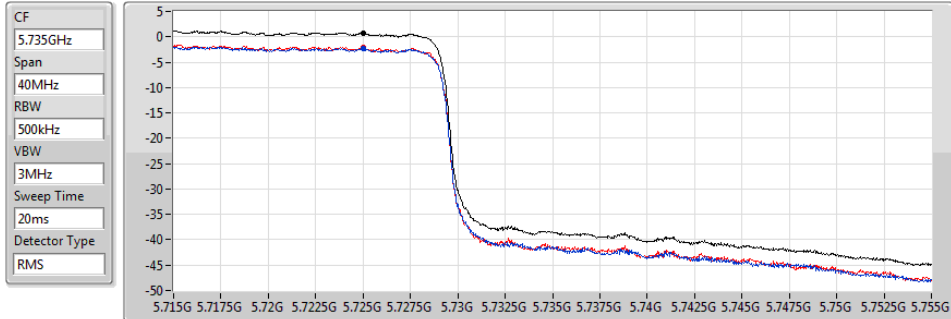
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.73	2.73	-0.25	-0.14

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

14/01/2020



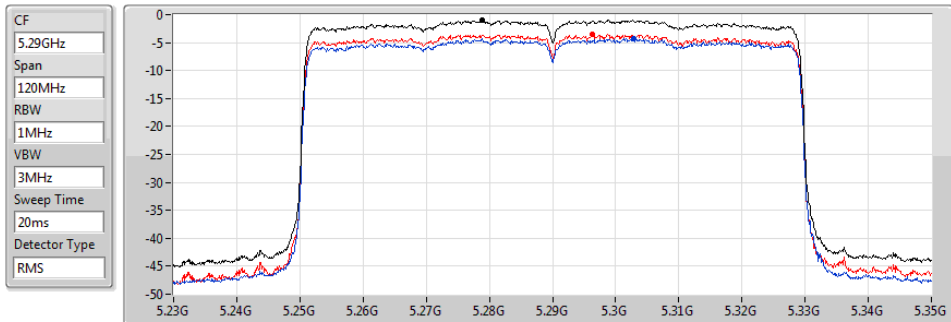
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.78	0.78	-2.34	-2.12

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5290MHz

14/01/2020



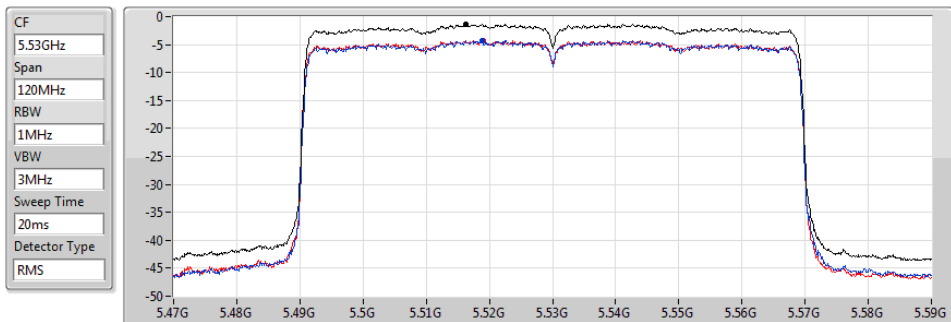
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.99	-0.99	-4.25	-3.58

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5530MHz

14/01/2020



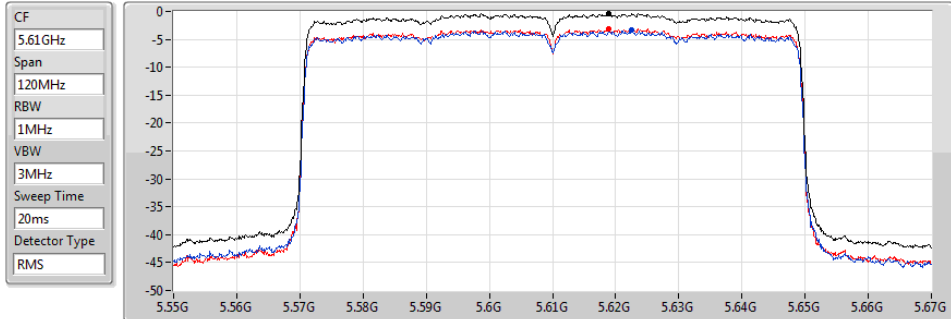
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.35	-1.35	-4.27	-4.33

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5610MHz

14/01/2020



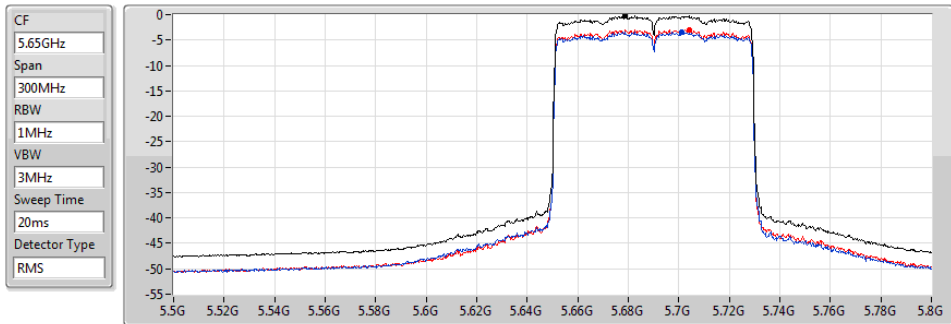
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.36	-0.36	-3.40	-3.03

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

14/01/2020



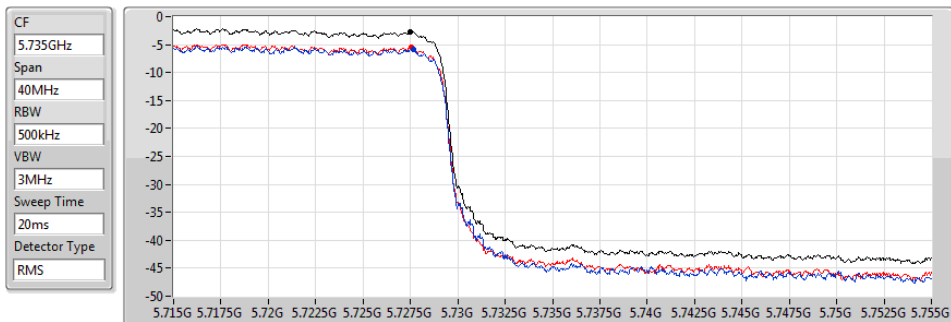
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.21	-0.21	-3.37	-2.91

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

14/01/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.68	-2.68	-5.88	-5.43

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.06	16.19
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	5.63	13.76
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.55	10.68
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	7.98	16.11
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.35	13.48
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.63	10.76
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.72	16.85
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	5.72	13.85
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.80	10.93
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.52	16.65
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.61	13.74
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.84	10.97
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	4.29	12.42
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	2.98	11.11
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.71	7.42
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	6.20	14.33
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.31	11.44
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.60	7.53

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.13	4.92	5.29	7.92	8.87	16.05	17.00
5300MHz	Pass	8.13	5.03	5.17	8.06	8.87	16.19	17.00
5320MHz	Pass	8.13	5.17	5.29	8.04	8.87	16.17	17.00
5500MHz	Pass	8.13	5.49	5.45	8.37	8.87	16.50	17.00
5580MHz	Pass	8.13	5.84	5.76	8.72	8.87	16.85	17.00
5700MHz	Pass	8.13	5.46	5.52	8.39	8.87	16.52	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.13	5.32	5.38	8.11	8.87	16.24	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.13	1.61	1.27	4.29	27.87	12.42	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.13	2.82	2.67	5.63	8.87	13.76	17.00
5310MHz	Pass	8.13	2.10	2.13	5.04	8.87	13.17	17.00
5510MHz	Pass	8.13	0.79	0.62	3.53	8.87	11.66	17.00
5550MHz	Pass	8.13	2.83	1.87	5.20	8.87	13.33	17.00
5670MHz	Pass	8.13	2.87	2.74	5.72	8.87	13.85	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.13	2.23	2.04	5.05	8.87	13.18	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.13	0.07	0.10	2.98	27.87	11.11	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.13	-0.58	-0.25	2.55	8.87	10.68	17.00
5530MHz	Pass	8.13	-1.92	-1.76	0.99	8.87	9.12	17.00
5610MHz	Pass	8.13	-0.13	0.18	2.80	8.87	10.93	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.13	-1.12	-1.09	1.74	8.87	9.87	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.13	-3.89	-3.38	-0.71	27.87	7.42	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.13	4.94	5.25	7.98	8.87	16.11	17.00
5300MHz	Pass	8.13	4.93	5.22	7.92	8.87	16.05	17.00
5320MHz	Pass	8.13	4.99	2.42	6.71	8.87	14.84	17.00
5500MHz	Pass	8.13	5.45	5.34	8.25	8.87	16.38	17.00
5580MHz	Pass	8.13	5.73	5.76	8.52	8.87	16.65	17.00
5700MHz	Pass	8.13	2.40	3.65	5.95	8.87	14.08	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.13	5.11	5.20	8.02	8.87	16.15	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.13	3.38	3.44	6.20	27.87	14.33	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.13	2.78	2.01	5.35	8.87	13.48	17.00
5310MHz	Pass	8.13	2.35	2.22	5.26	8.87	13.39	17.00
5510MHz	Pass	8.13	0.53	0.71	3.52	8.87	11.65	17.00
5550MHz	Pass	8.13	2.74	2.89	5.61	8.87	13.74	17.00
5670MHz	Pass	8.13	1.12	-0.10	3.41	8.87	11.54	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.13	1.26	-0.94	3.06	8.87	11.19	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.13	0.46	0.35	3.31	27.87	11.44	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.13	-0.13	0.02	2.63	8.87	10.76	17.00
5530MHz	Pass	8.13	-2.17	-1.48	1.13	8.87	9.26	17.00
5610MHz	Pass	8.13	0.08	0.32	2.84	8.87	10.97	17.00



PSD_Beamforming_Sample 1_Radio 1_2T1S

Appendix C.13

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5690MHz Straddle 5.47-5.725GHz	Pass	8.13	-1.07	-0.71	1.99	8.87	10.12	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.13	-3.70	-3.37	-0.60	27.87	7.53	36.00

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

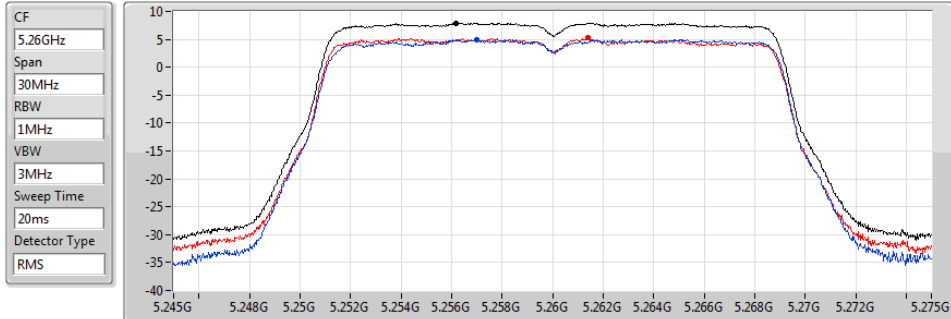
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5260MHz

PSD

15/01/2020



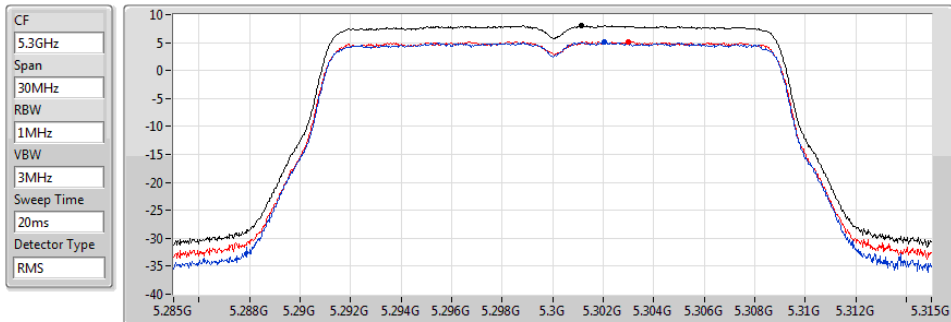
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.92	7.92	4.92	5.29

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5300MHz

PSD

15/01/2020



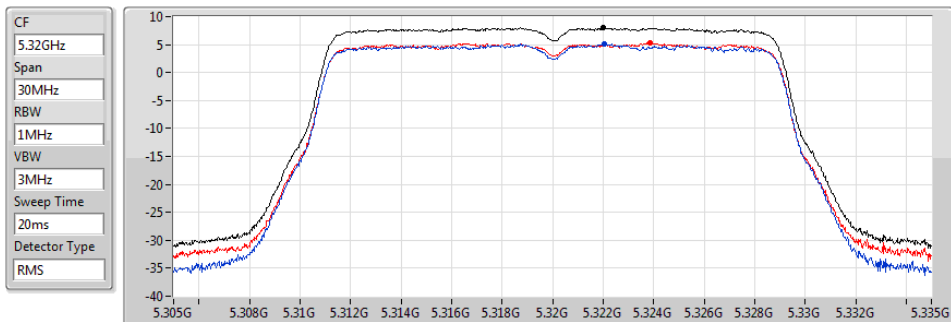
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.06	8.06	5.03	5.17

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5320MHz

PSD

15/01/2020



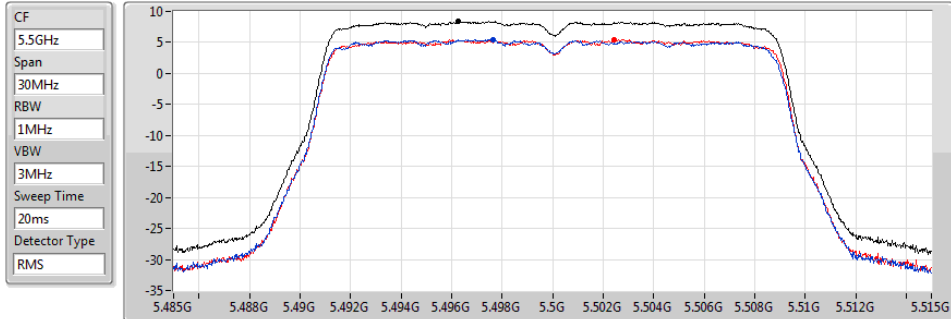
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.04	8.04	5.17	5.29

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

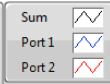
PSD

5500MHz

15/01/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.37	8.37	5.49	5.45

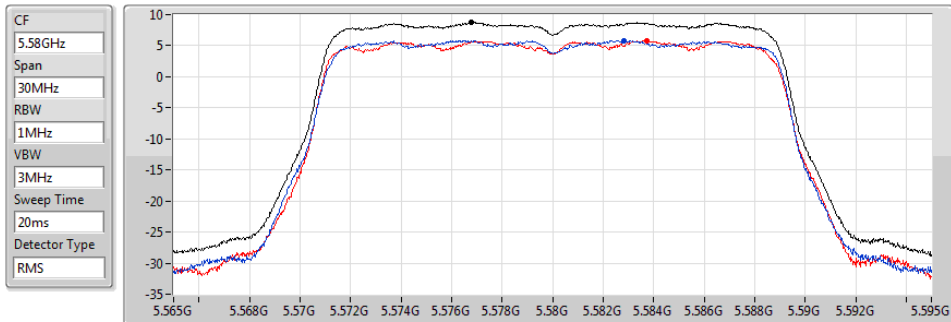


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

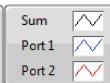
PSD

5580MHz

15/01/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.72	8.72	5.84	5.76

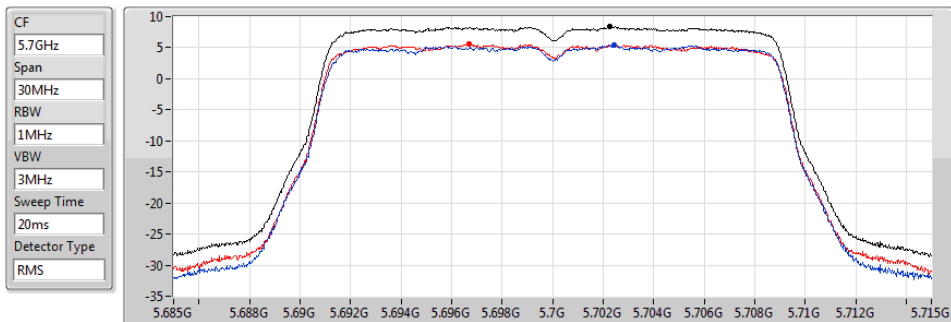


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

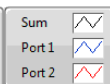
PSD

5700MHz

15/01/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.39	8.39	5.46	5.52

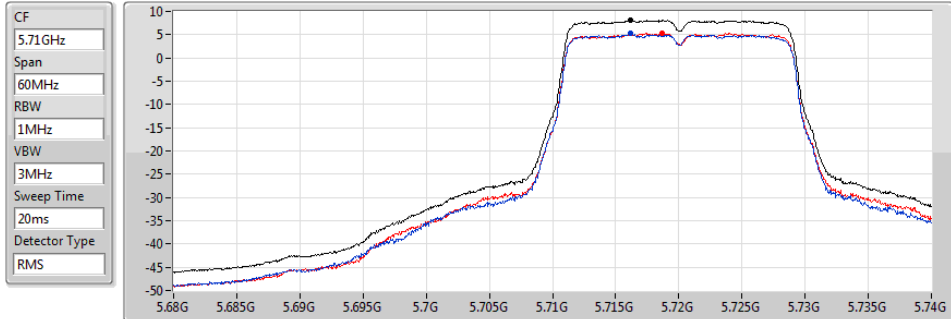


802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

15/01/2020



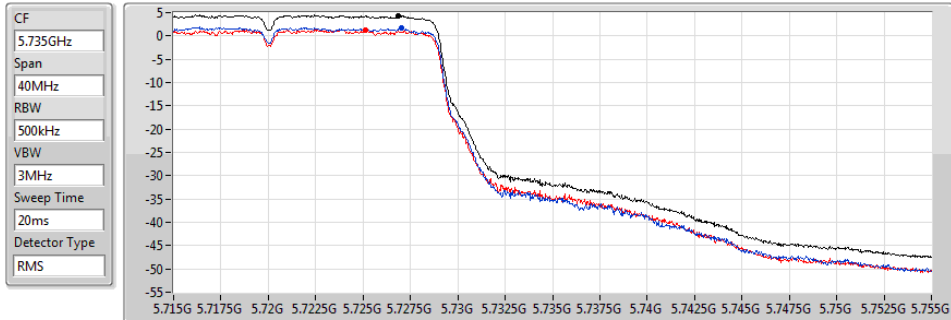
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.11	8.11	5.32	5.38

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

15/01/2020



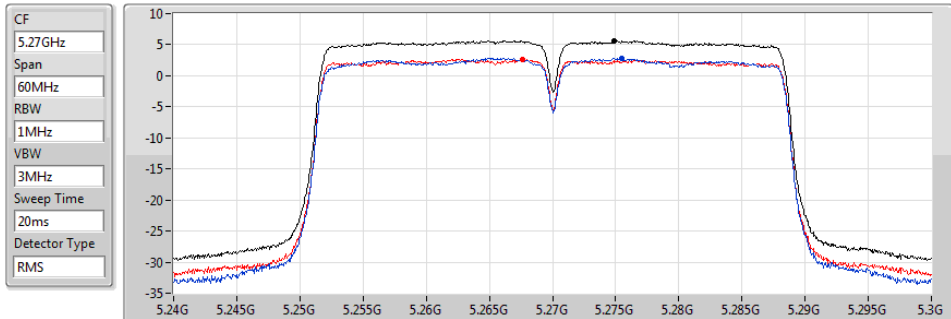
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.29	4.29	1.61	1.27

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz

PSD

15/01/2020



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.63	5.63	2.82	2.67

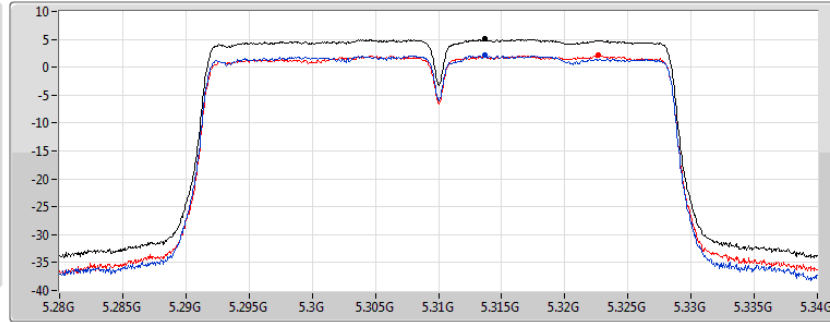
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

15/01/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.04	5.04	2.10	2.13

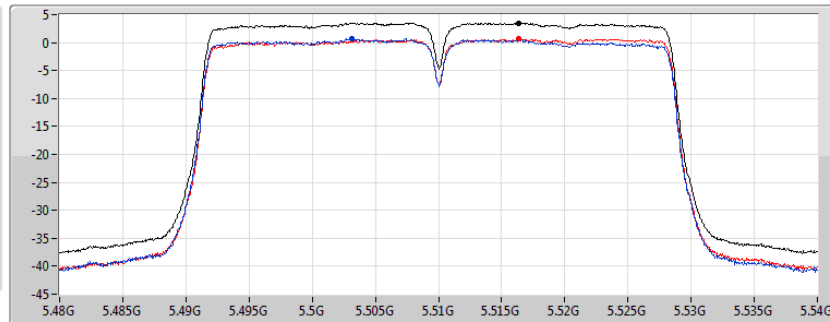
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

15/01/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.53	3.53	0.79	0.62

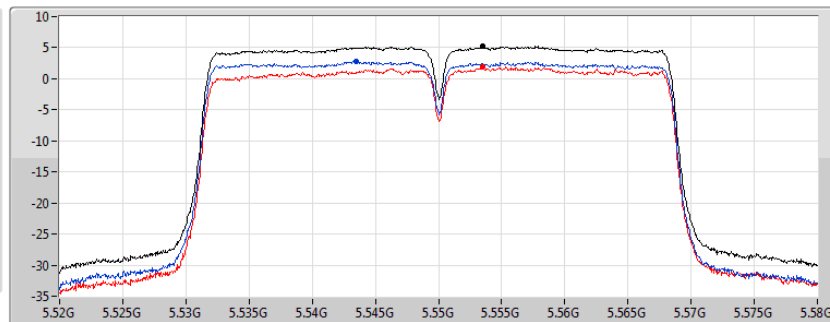
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

15/01/2020

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



Sum
Port 1
Port 2

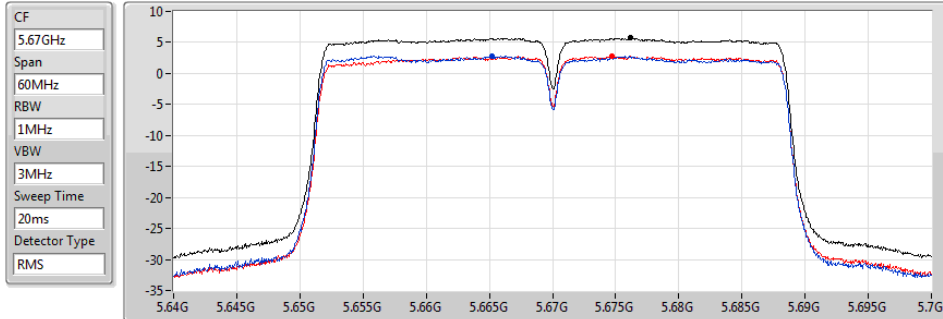
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.20	5.20	2.83	1.87

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

15/01/2020



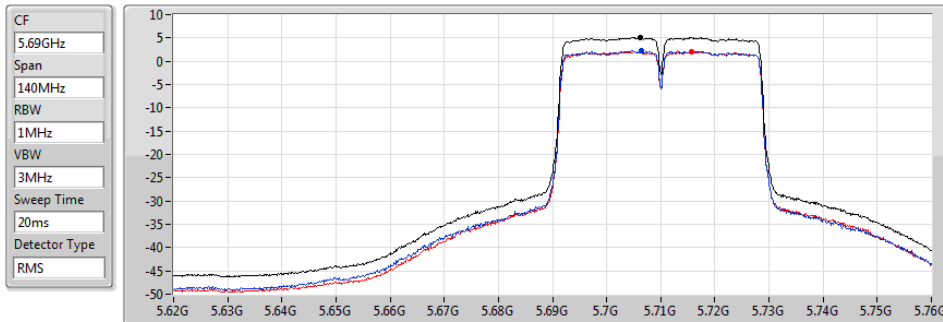
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.72	5.72	2.87	2.74

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

15/01/2020



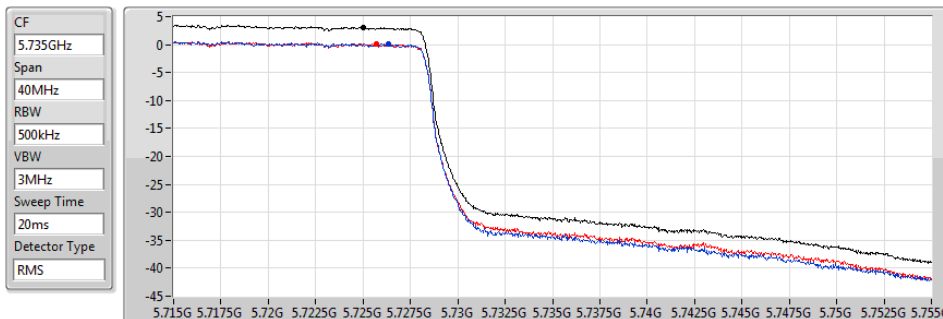
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.05	5.05	2.23	2.04

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

15/01/2020



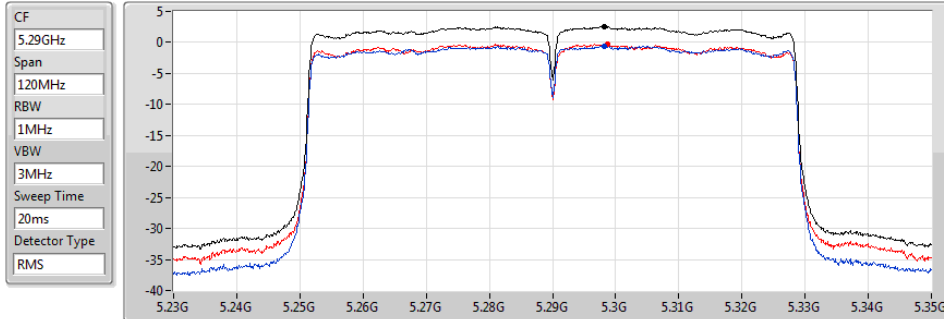
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.98	2.98	0.07	0.10

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

15/01/2020



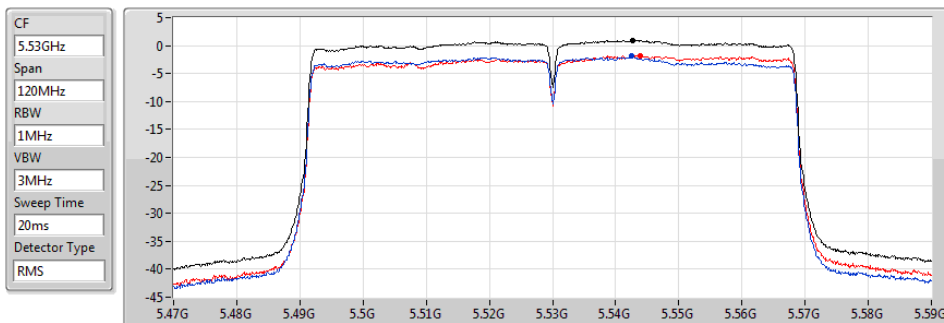
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.55	2.55	-0.58	-0.25

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

15/01/2020



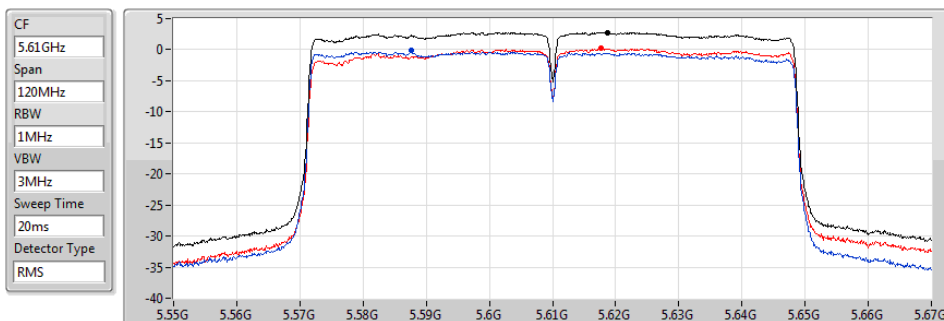
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
0.99	0.99	-1.92	-1.76

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

15/01/2020



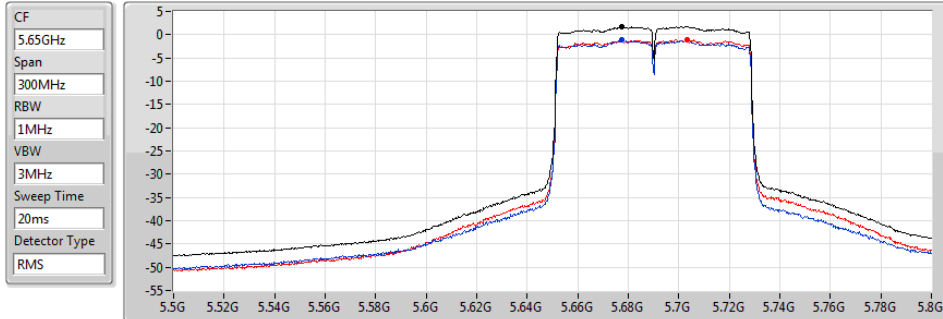
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.80	2.80	-0.13	0.18

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

15/01/2020



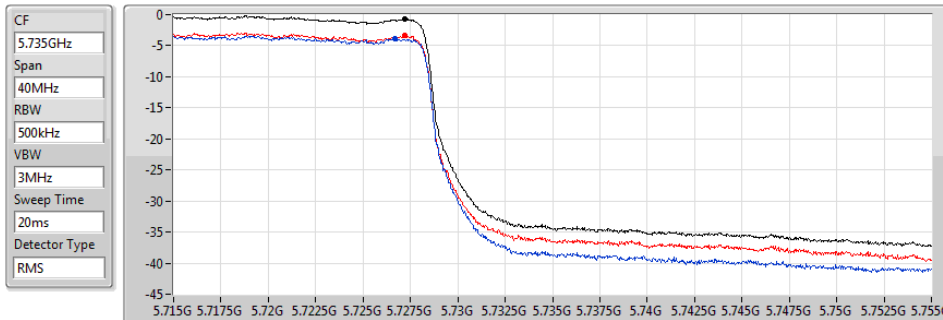
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.74	1.74	-1.12	-1.09

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

15/01/2020



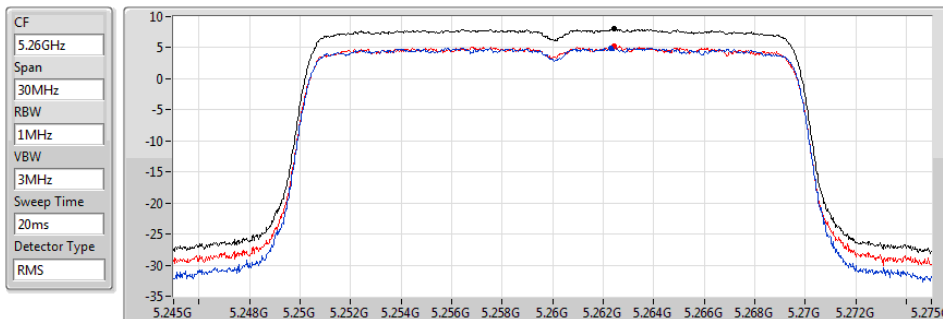
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.71	-0.71	-3.89	-3.38

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

15/01/2020



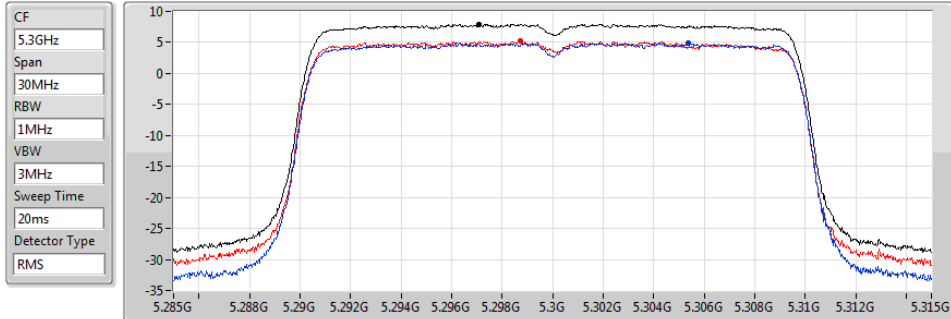
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.98	7.98	4.94	5.25

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

14/01/2020



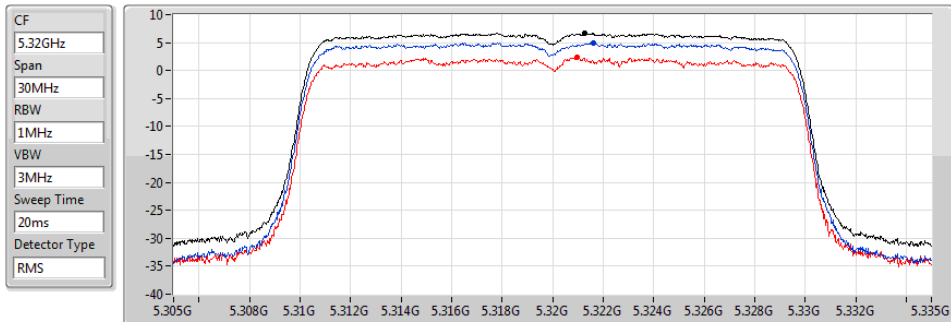
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.92	7.92	4.93	5.22

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

14/01/2020



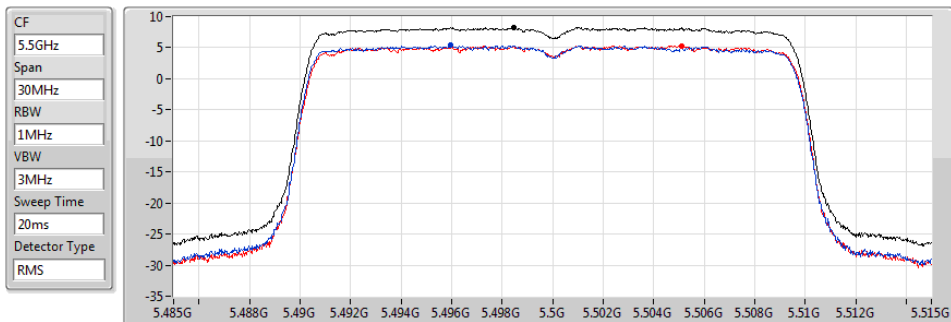
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71	4.99	2.42

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

14/01/2020



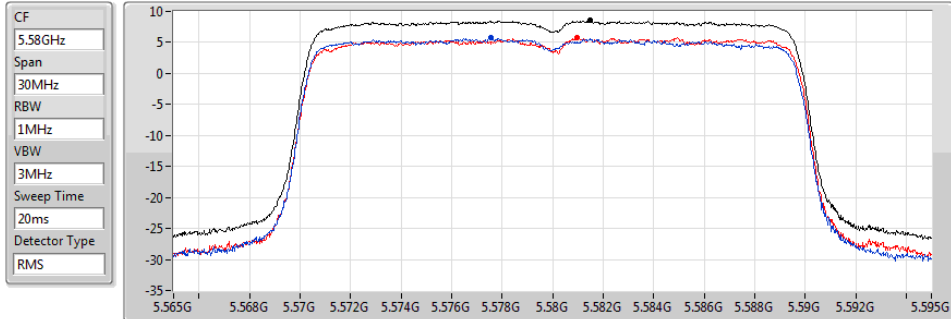
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.25	8.25	5.45	5.34

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5580MHz

PSD

15/01/2020



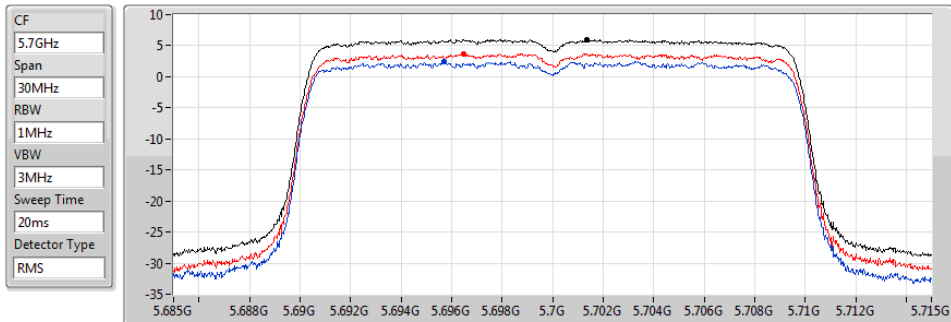
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.52	8.52	5.73	5.76

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5700MHz

PSD

14/01/2020



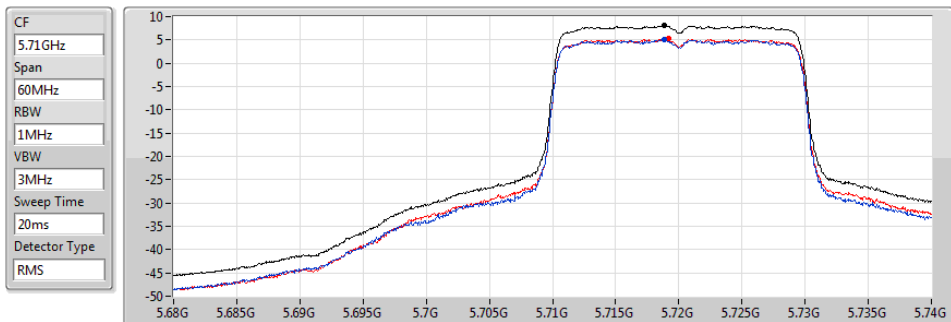
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.95	5.95	2.40	3.65

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

15/01/2020



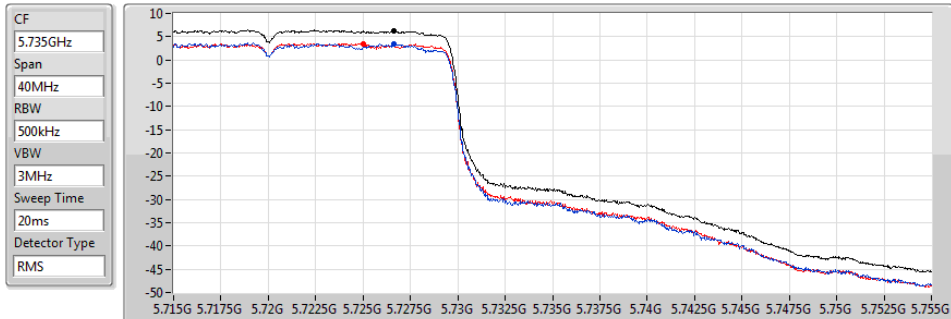
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.02	8.02	5.11	5.20

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

14/01/2020



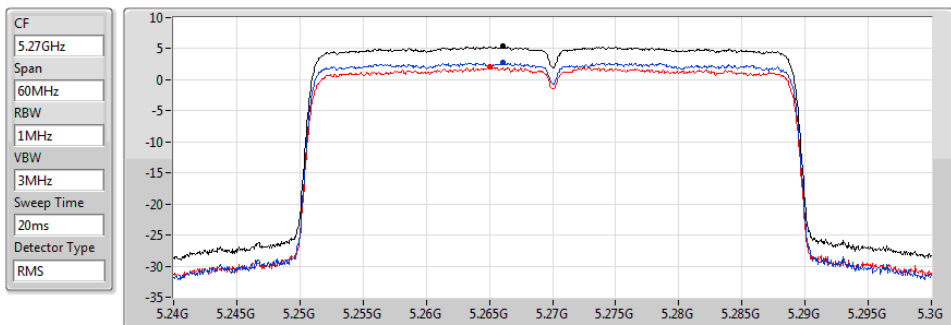
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.20	6.20	3.38	3.44

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5270MHz

PSD

15/01/2020



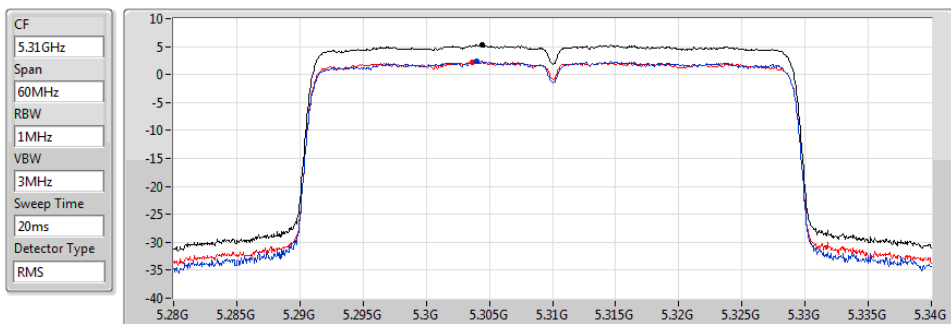
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.35	5.35	2.78	2.01

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5310MHz

PSD

14/01/2020



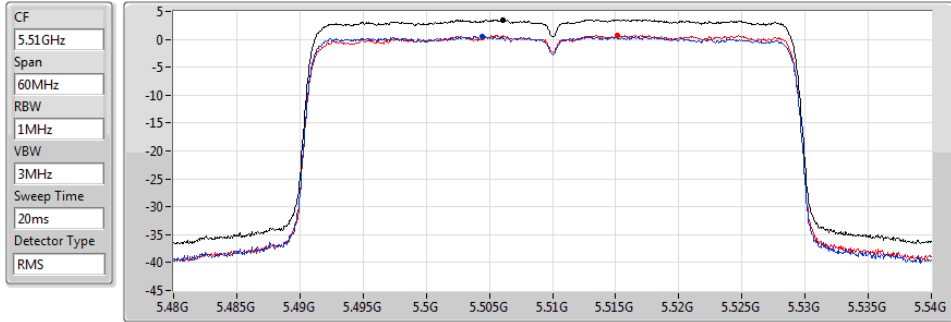
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.26	5.26	2.35	2.22

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

14/01/2020



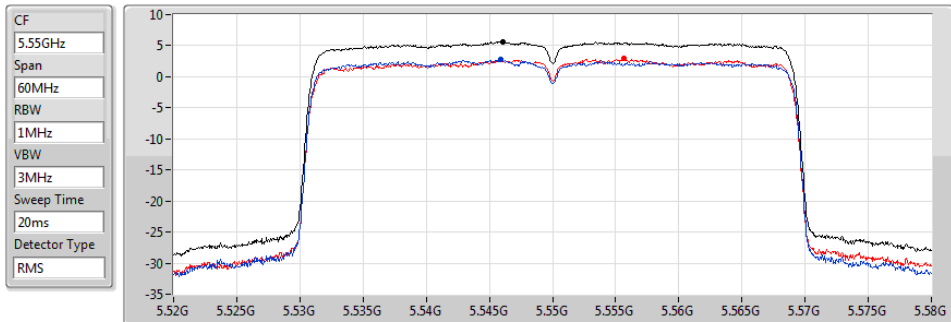
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.52	3.52	0.53	0.71

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

14/01/2020



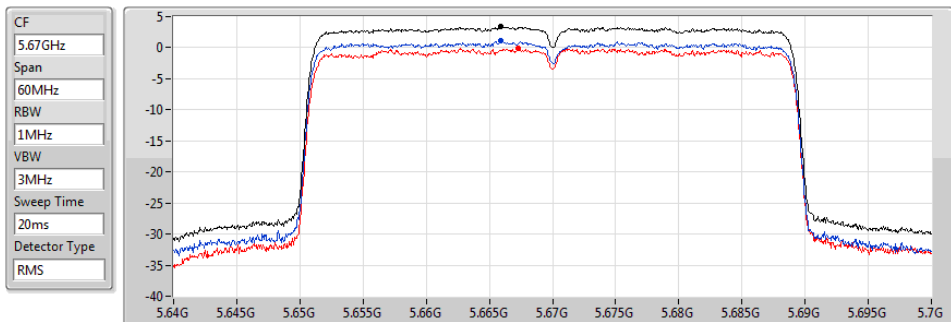
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.61	5.61	2.74	2.89

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

14/01/2020



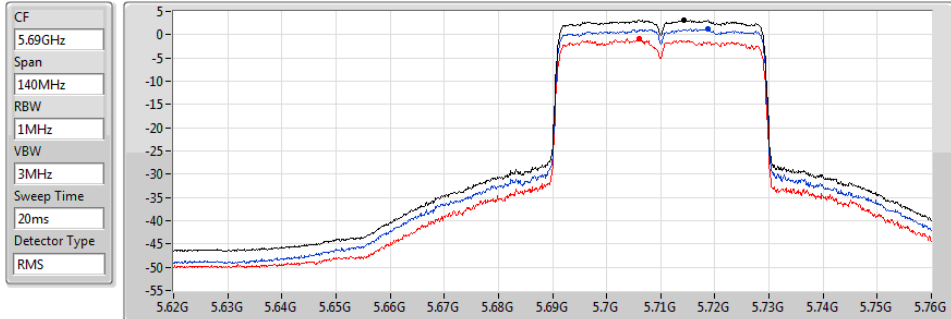
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.41	3.41	1.12	-0.10

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz

PSD

14/01/2020



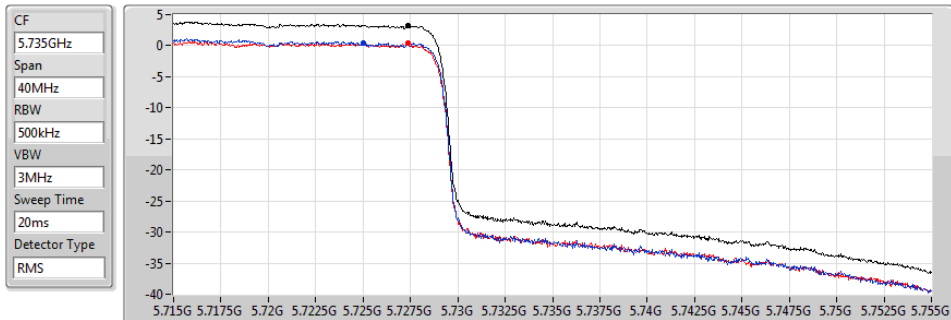
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.06	3.06	1.26	-0.94

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5710MHz Straddle 5.725-5.85GHz

PSD

14/01/2020



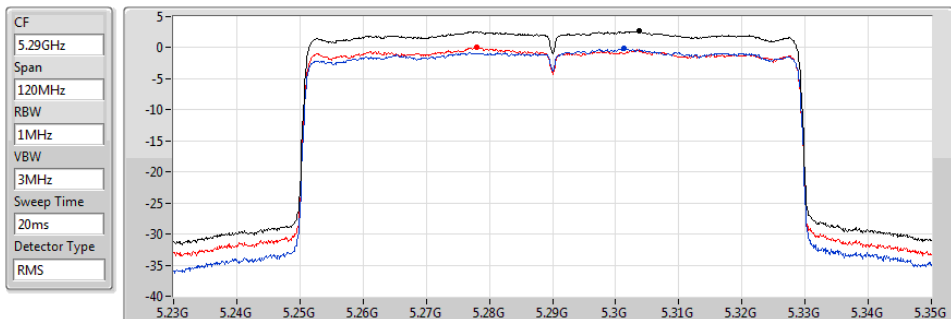
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.31	3.31	0.46	0.35

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

5290MHz

PSD

14/01/2020



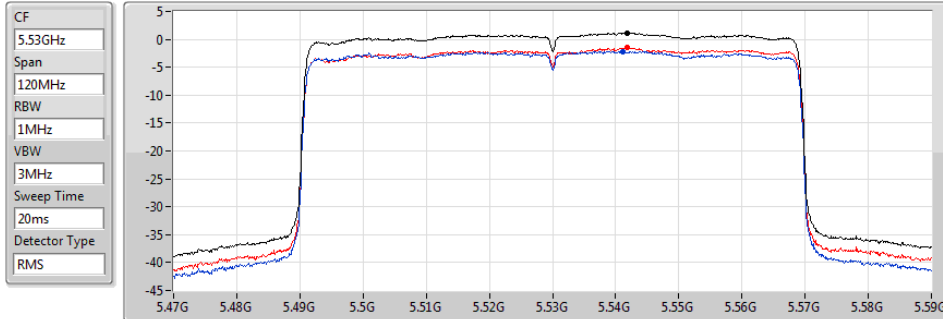
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.63	2.63	-0.13	0.02

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

15/01/2020



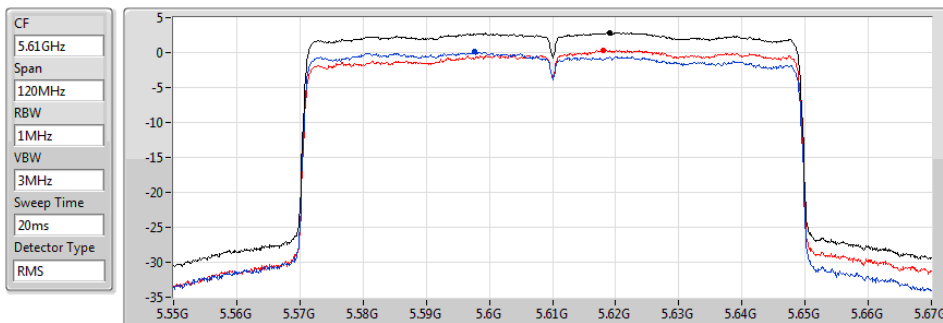
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.13	1.13	-2.17	-1.48

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

14/01/2020



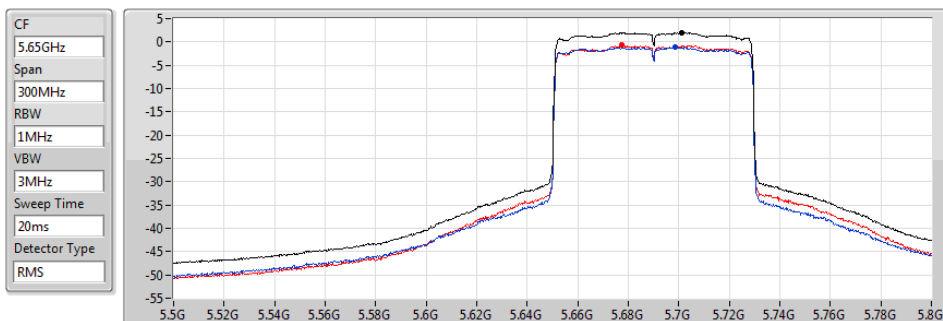
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.84	2.84	0.08	0.32

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

15/01/2020



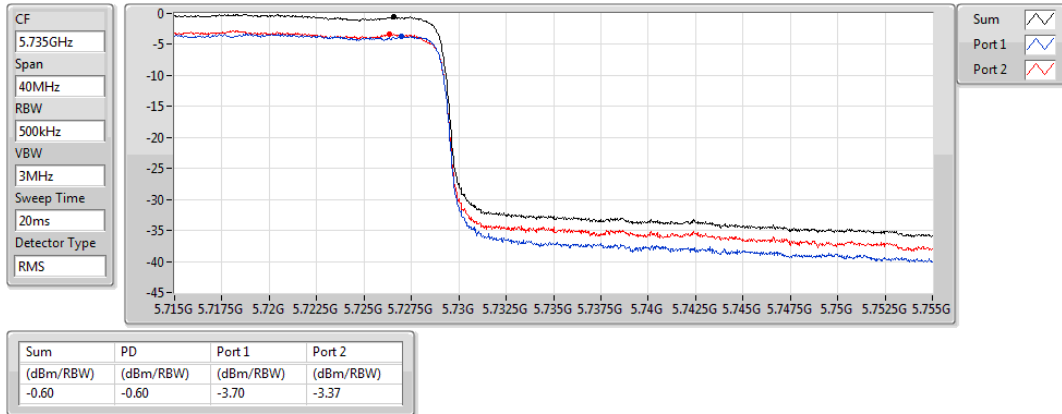
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.99	1.99	-1.07	-0.71

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

15/01/2020



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.39	16.18
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	5.81	13.60
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	1.72	9.51
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.42	16.21
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.67	13.46
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	1.84	9.63
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.41	16.20
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	5.89	13.68
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.50	10.29
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.20	15.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.79	13.58
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.61	10.40
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	6.16	13.95
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.50	11.29
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.61	7.18
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	6.21	14.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.49	11.28
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.51	7.28

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.79	5.59	5.29	8.39	9.21	16.18	17.00
5300MHz	Pass	7.79	5.45	5.49	8.36	9.21	16.15	17.00
5320MHz	Pass	7.79	5.29	5.39	8.27	9.21	16.06	17.00
5500MHz	Pass	7.79	5.04	5.67	8.22	9.21	16.01	17.00
5580MHz	Pass	7.79	5.37	5.71	8.41	9.21	16.20	17.00
5700MHz	Pass	7.79	4.05	4.67	7.25	9.21	15.04	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.79	4.91	5.60	8.11	9.21	15.90	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.79	3.00	3.78	6.16	28.21	13.95	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	7.79	3.00	2.94	5.81	9.21	13.60	17.00
5310MHz	Pass	7.79	1.88	2.23	4.98	9.21	12.77	17.00
5510MHz	Pass	7.79	0.41	1.08	3.66	9.21	11.45	17.00
5550MHz	Pass	7.79	2.42	2.78	5.39	9.21	13.18	17.00
5670MHz	Pass	7.79	2.81	3.15	5.89	9.21	13.68	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.79	2.46	2.94	5.64	9.21	13.43	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.79	0.27	0.72	3.50	28.21	11.29	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.79	-1.27	-1.05	1.72	9.21	9.51	17.00
5530MHz	Pass	7.79	-2.63	-2.41	0.32	9.21	8.11	17.00
5610MHz	Pass	7.79	-0.46	-0.10	2.50	9.21	10.29	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.79	-1.21	-0.51	2.05	9.21	9.84	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.79	-4.09	-3.19	-0.61	28.21	7.18	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.79	5.51	5.42	8.42	9.21	16.21	17.00
5300MHz	Pass	7.79	5.55	5.43	8.36	9.21	16.15	17.00
5320MHz	Pass	7.79	4.98	5.22	8.06	9.21	15.85	17.00
5500MHz	Pass	7.79	4.73	5.29	7.96	9.21	15.75	17.00
5580MHz	Pass	7.79	5.08	5.49	8.20	9.21	15.99	17.00
5700MHz	Pass	7.79	3.90	4.65	7.11	9.21	14.90	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.79	4.69	5.30	7.96	9.21	15.75	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.79	2.96	3.57	6.21	28.21	14.00	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	7.79	2.94	2.80	5.67	9.21	13.46	17.00
5310MHz	Pass	7.79	1.48	1.75	4.55	9.21	12.34	17.00
5510MHz	Pass	7.79	0.58	1.05	3.73	9.21	11.52	17.00
5550MHz	Pass	7.79	2.58	2.78	5.62	9.21	13.41	17.00
5670MHz	Pass	7.79	2.76	3.03	5.79	9.21	13.58	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.79	2.28	2.88	5.50	9.21	13.29	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.79	0.16	0.80	3.49	28.21	11.28	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.79	-1.49	-0.78	1.84	9.21	9.63	17.00
5530MHz	Pass	7.79	-2.41	-2.11	0.67	9.21	8.46	17.00
5610MHz	Pass	7.79	-0.26	0.13	2.61	9.21	10.40	17.00



PSD_Beamforming_Sample 1_Radio 2_2T1S

Appendix C.14

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5690MHz Straddle 5.47-5.725GHz	Pass	7.79	-1.21	-0.30	2.12	9.21	9.91	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.79	-3.91	-3.01	-0.51	28.21	7.28	36.00

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

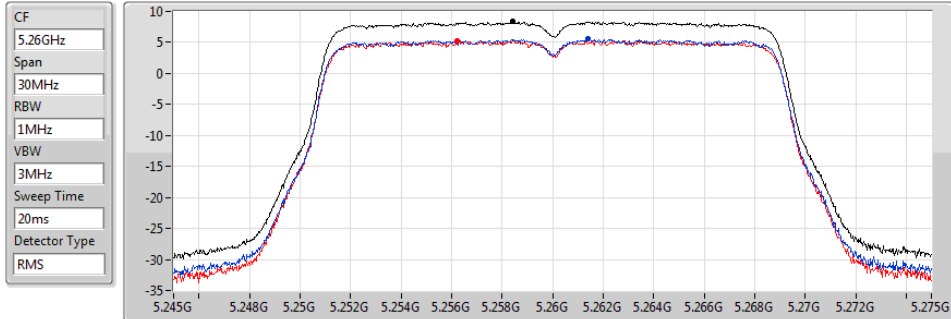
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

21/01/2020



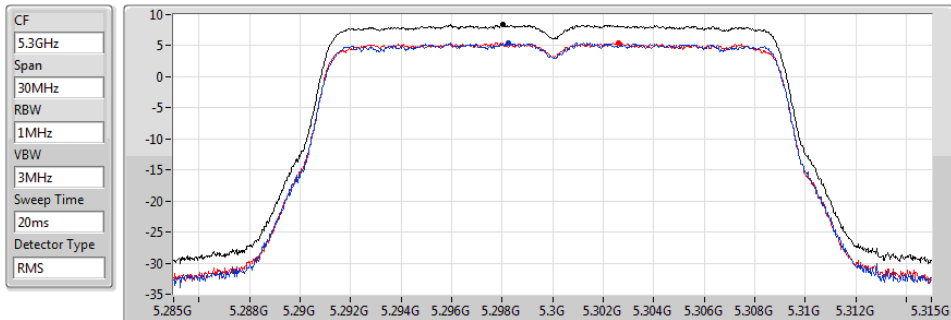
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.39	8.39	5.59	5.29

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

21/01/2020



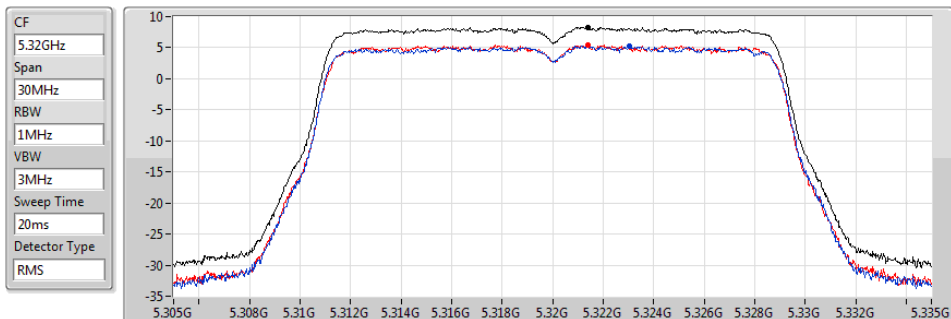
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.36	8.36	5.45	5.49

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

21/01/2020



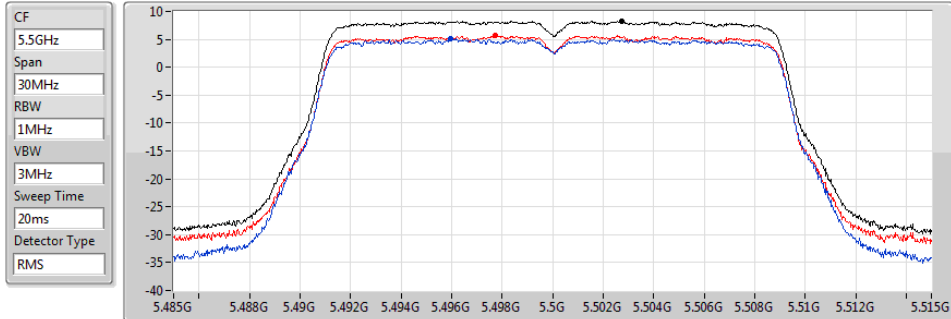
Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.27	8.27	5.29	5.39

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

21/01/2020



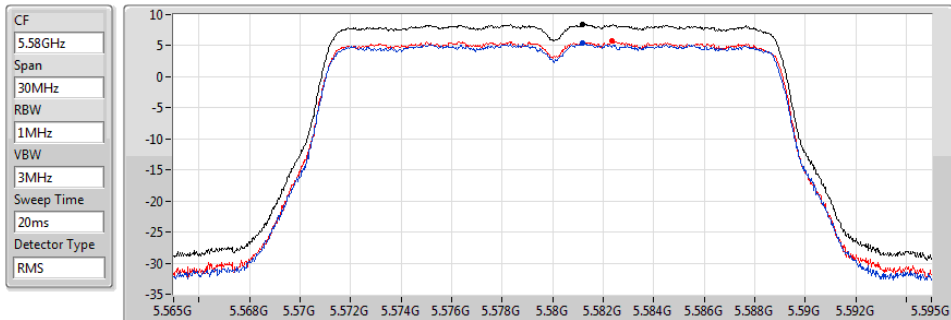
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.22	8.22	5.04	5.67

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

21/01/2020



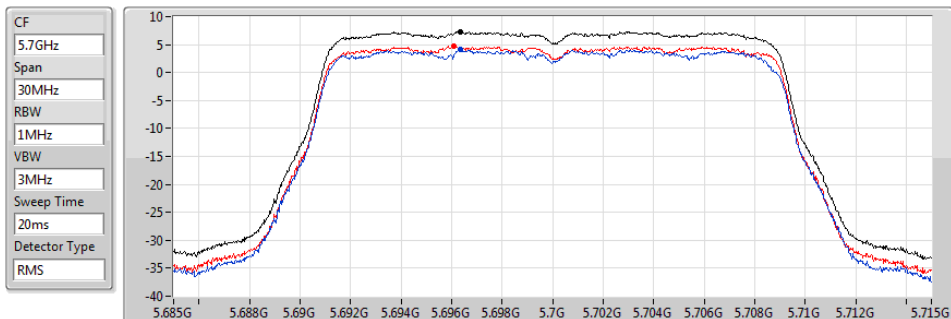
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.41	8.41	5.37	5.71

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

21/01/2020



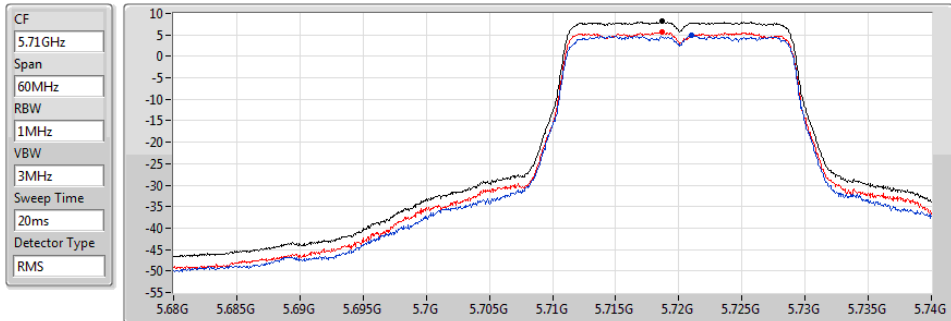
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.25	7.25	4.05	4.67

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

21/01/2020



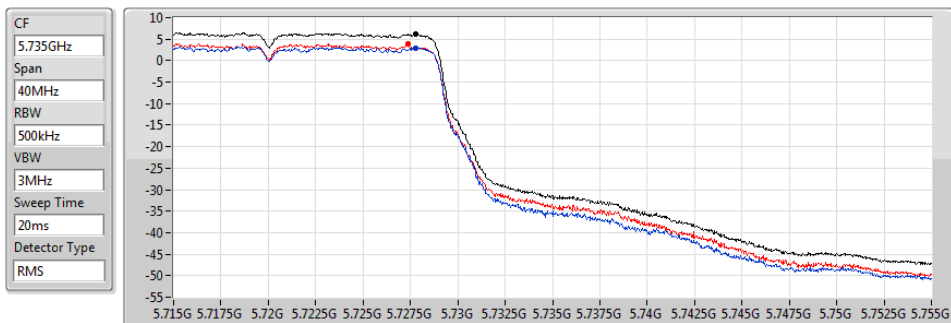
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.11	8.11	4.91	5.60

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

21/01/2020



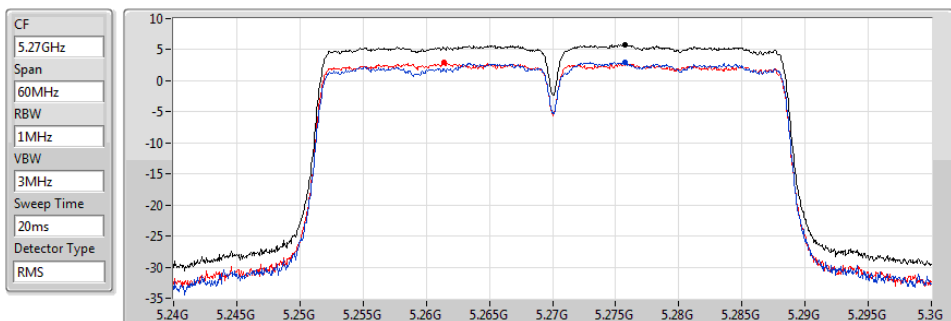
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.16	6.16	3.00	3.78

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz

PSD

21/01/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.81	5.81	3.00	2.94

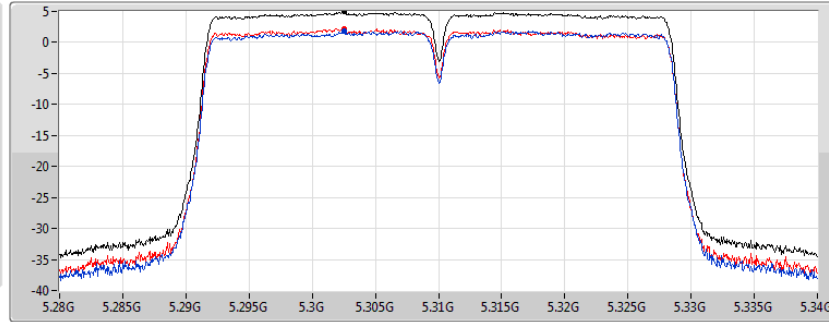
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

21/01/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.98	4.98	1.88	2.23

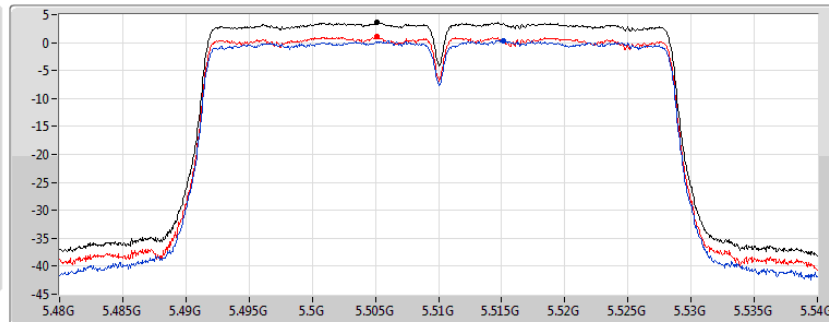
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

21/01/2020

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.66	3.66	0.41	1.08

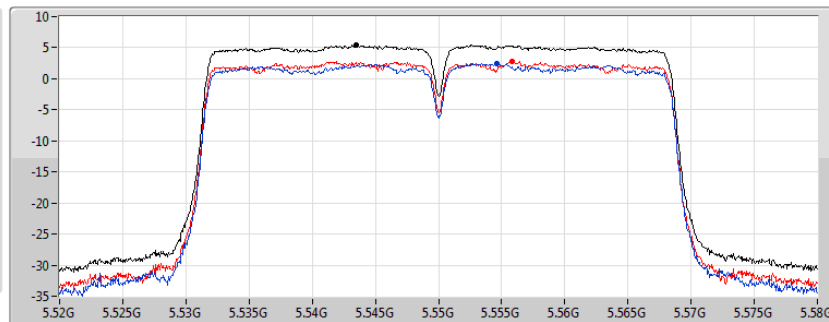
802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

21/01/2020

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



Sum
Port 1
Port 2

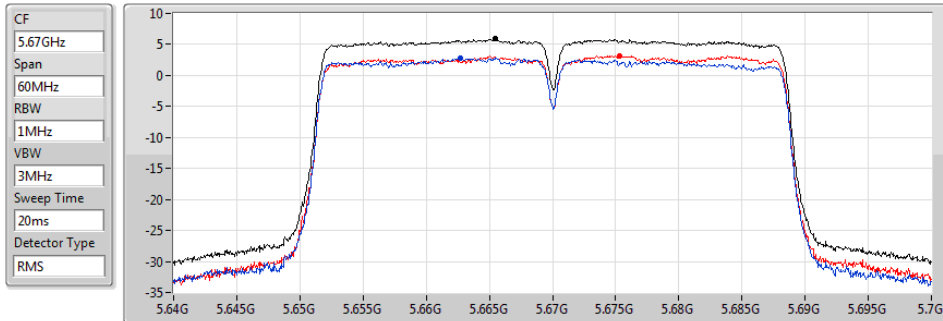
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.39	5.39	2.42	2.78

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

21/01/2020



Sum
Port 1
Port 2

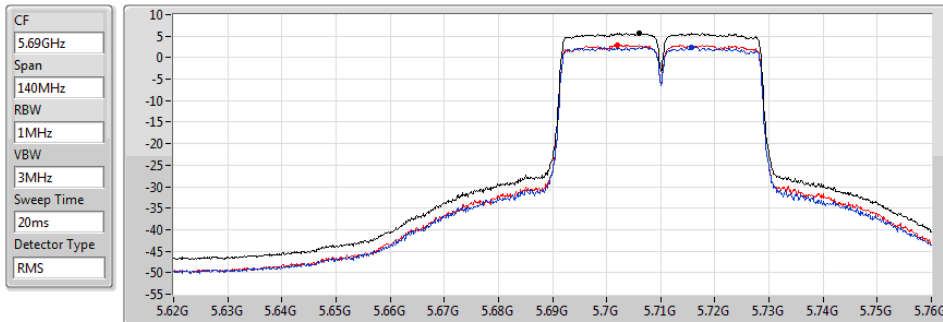
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.89	5.89	2.81	3.15

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

21/01/2020



Sum
Port 1
Port 2

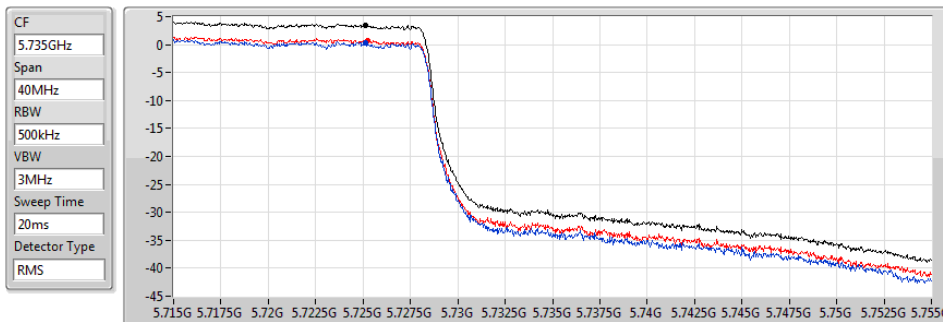
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.64	5.64	2.46	2.94

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

21/01/2020



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.50	3.50	0.27	0.72

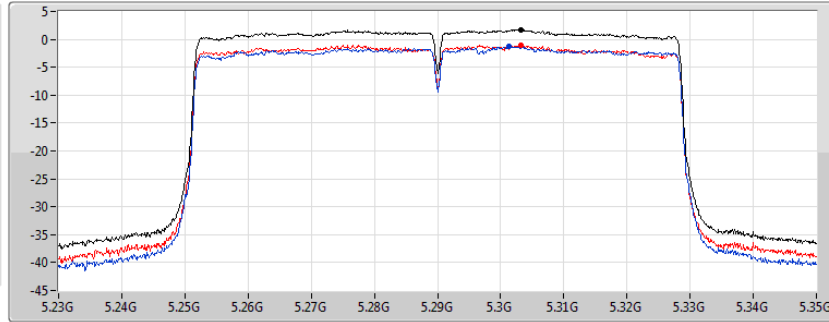
802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

21/01/2020

CF
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.72	1.72	-1.27	-1.05

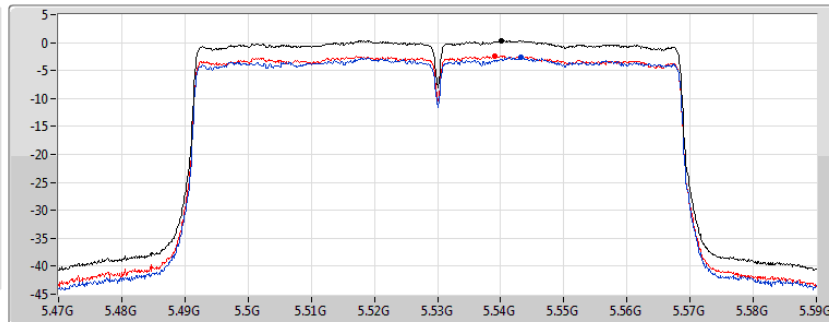
802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

21/01/2020

CF
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.32	0.32	-2.63	-2.41

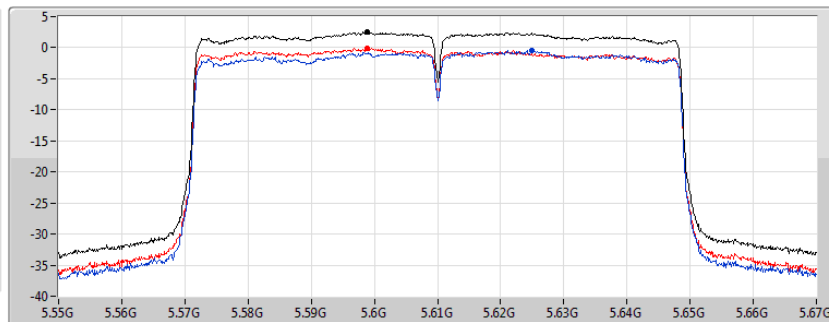
802.11ac VHT80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

21/01/2020

CF
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.50	2.50	-0.46	-0.10