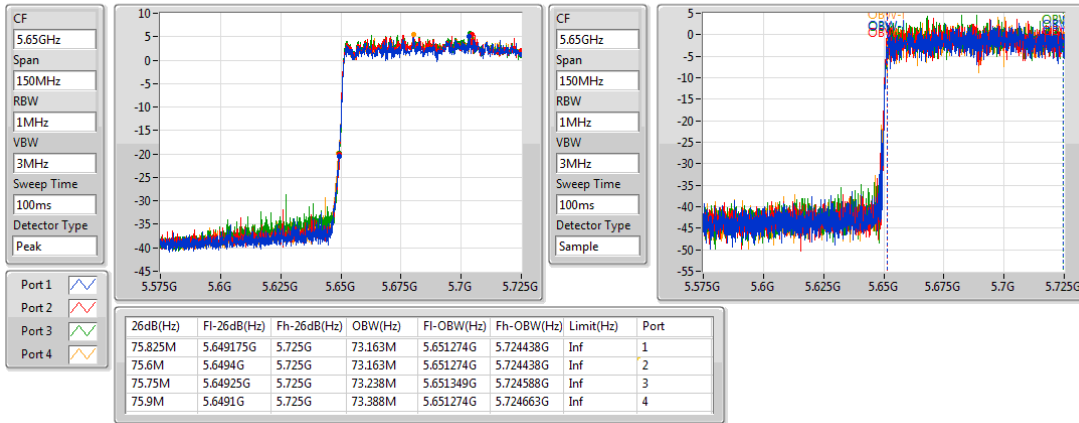
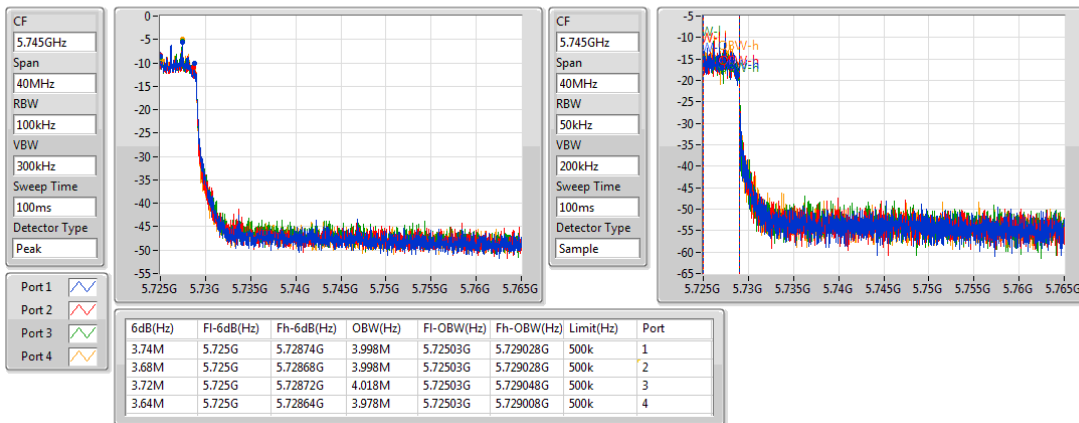


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

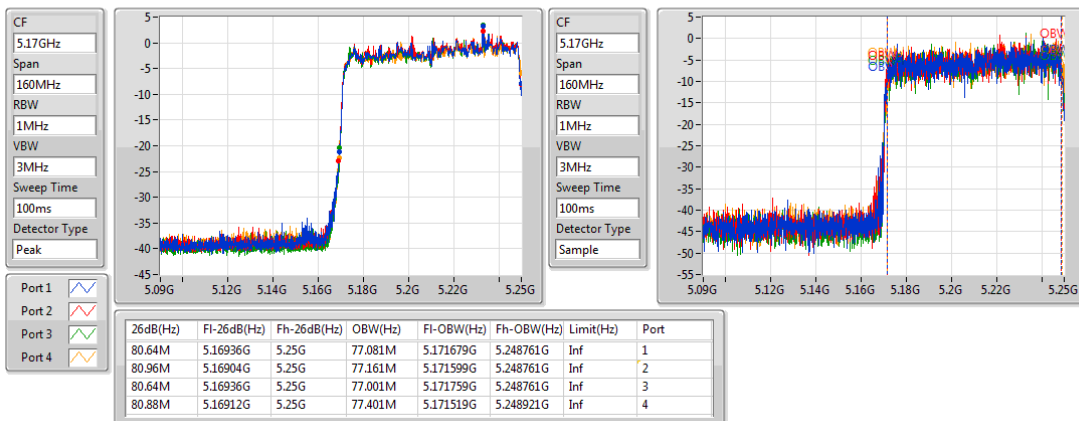
12/12/2018


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

12/12/2018


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

12/12/2018

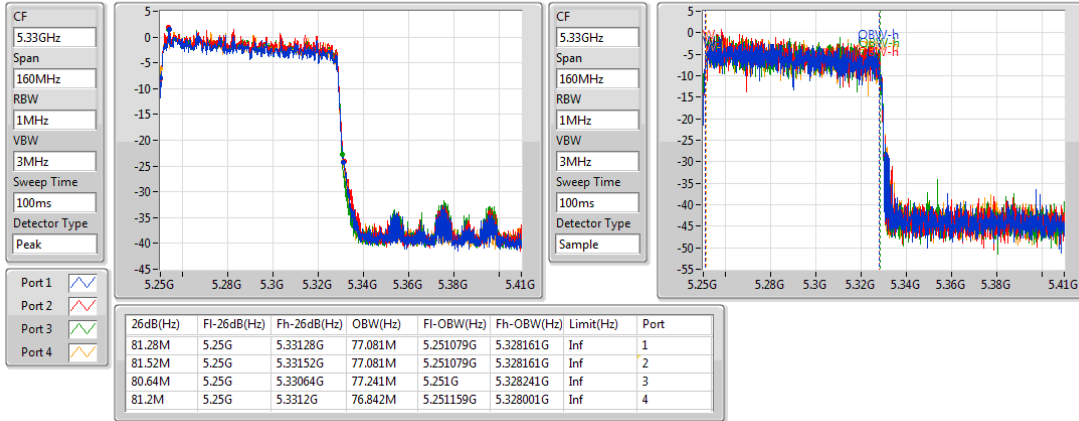


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

12/12/2018

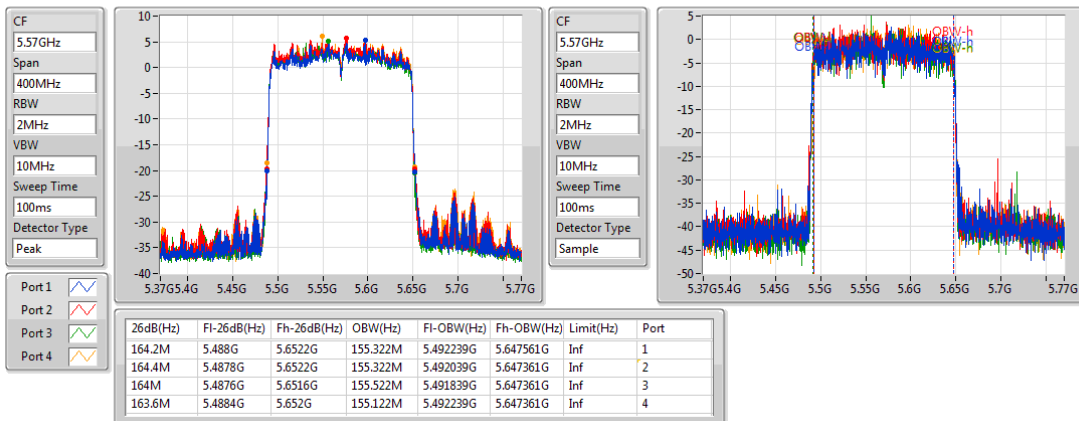


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

5570MHz

12/12/2018



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.15-5.25GHz	-	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	82M	77.481M	77M5D1D	80.64M	77.241M
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	25.9M	19.04M	19M0D1D	21.325M	18.941M
802.11ax HEW40_Nss4,(MCS0)_4TX	46.5M	37.631M	37M6D1D	40.1M	37.481M
802.11ax HEW80_Nss4,(MCS0)_4TX	82.1M	77.161M	77M2D1D	81.7M	77.061M
802.11ax HEW160_Nss4,(MCS0)_4TX	83.92M	77.401M	77M4D1D	81.6M	77.241M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	29.525M	19.015M	19M0D1D	19.275M	14.558M
802.11ax HEW40_Nss4,(MCS0)_4TX	49.7M	37.681M	37M7D1D	40.15M	33.723M
802.11ax HEW80_Nss4,(MCS0)_4TX	98.025M	77.261M	77M3D1D	75.975M	73.238M
802.11ax HEW160_Nss4,(MCS0)_4TX	167M	155.722M	156MD1D	164.6M	155.122M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	4.44M	9.075M	9M08D1D	4.38M	6.357M
802.11ax HEW40_Nss4,(MCS0)_4TX	3.86M	18.391M	18M4D1D	3.48M	16.852M
802.11ax HEW80_Nss4,(MCS0)_4TX	3.92M	30.565M	30M6D1D	3.7M	28.026M

Max-N dB = Maximum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Max-OBW = Maximum 99% occupied bandwidth;

Min-N dB = Minimum 6dB down bandwidth for 5.725-5.85GHz band / Maximum 26dB down bandwidth for other band;

Min-OBW = Minimum 99% occupied bandwidth;

Result

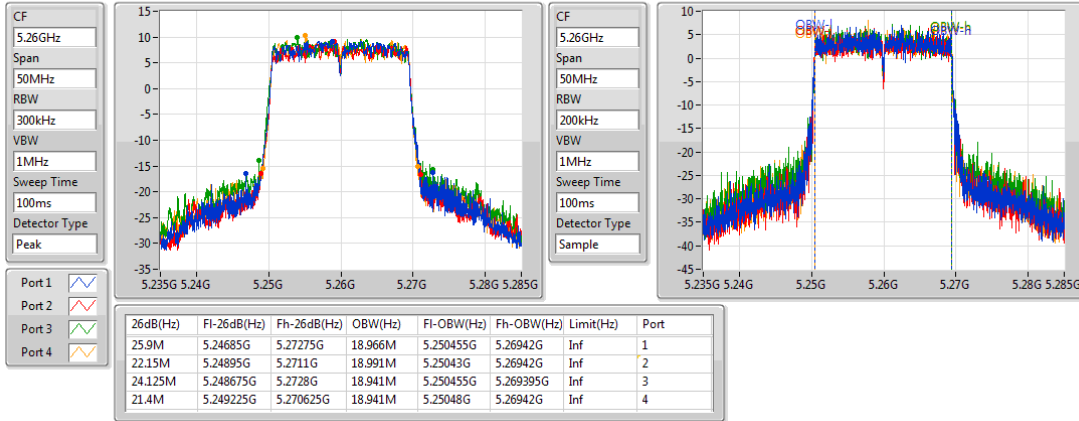
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	25.9M	18.966M	22.15M	18.991M	24.125M	18.941M	21.4M	18.941M
5300MHz	Pass	Inf	24.075M	18.991M	22.8M	18.966M	25.3M	19.04M	21.325M	19.015M
5320MHz	Pass	Inf	21.85M	18.966M	21.7M	18.966M	21.875M	18.966M	21.4M	18.991M
5500MHz	Pass	Inf	21.7M	18.941M	21.675M	18.991M	22.025M	18.991M	21.425M	19.015M
5580MHz	Pass	Inf	25.85M	18.966M	22.125M	18.966M	25.775M	18.991M	29.525M	19.015M
5700MHz	Pass	Inf	21.825M	18.966M	21.85M	18.991M	21.9M	18.941M	21.475M	18.966M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	19.275M	14.573M	20.79M	14.558M	21.435M	14.588M	21.69M	14.588M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.4M	6.357M	4.44M	6.957M	4.38M	7.536M	4.42M	9.075M
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	46.5M	37.581M	43.35M	37.631M	40.35M	37.631M	40.1M	37.631M
5310MHz	Pass	Inf	40.1M	37.581M	40.15M	37.481M	40.15M	37.481M	40.25M	37.631M
5510MHz	Pass	Inf	40.2M	37.581M	40.25M	37.481M	40.15M	37.531M	40.15M	37.581M
5550MHz	Pass	Inf	40.3M	37.531M	40.15M	37.581M	49.7M	37.531M	49.65M	37.681M
5670MHz	Pass	Inf	40.4M	37.581M	40.2M	37.631M	40.3M	37.531M	40.3M	37.581M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	46.55M	33.793M	46.69M	33.863M	45.29M	33.723M	41.055M	33.828M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.86M	18.391M	3.48M	16.852M	3.74M	17.231M	3.86M	17.931M
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.7M	77.061M	81.9M	77.161M	82M	77.161M	82.1M	77.161M
5530MHz	Pass	Inf	81.6M	76.962M	81.5M	76.962M	81.9M	77.061M	82.1M	77.061M
5610MHz	Pass	Inf	81.7M	77.061M	81.6M	77.061M	82.1M	77.261M	81.9M	77.261M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	82.65M	73.388M	75.975M	73.313M	90.6M	73.463M	98.025M	73.238M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	3.7M	30.525M	3.76M	28.026M	3.92M	30.565M	3.7M	29.725M
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	Inf	81.28M	77.481M	82M	77.401M	80.64M	77.321M	81.28M	77.241M
5250MHz Straddle 5.25-5.35GHz	Pass	Inf	83.92M	77.321M	82.16M	77.401M	83.28M	77.321M	81.6M	77.241M
5570MHz	Pass	Inf	167M	155.722M	164.6M	155.522M	166M	155.322M	165M	155.122M

Port X-N dB = Port X 6dB down bandwidth for 5.725-5.85GHz band / 26dB down bandwidth for other band

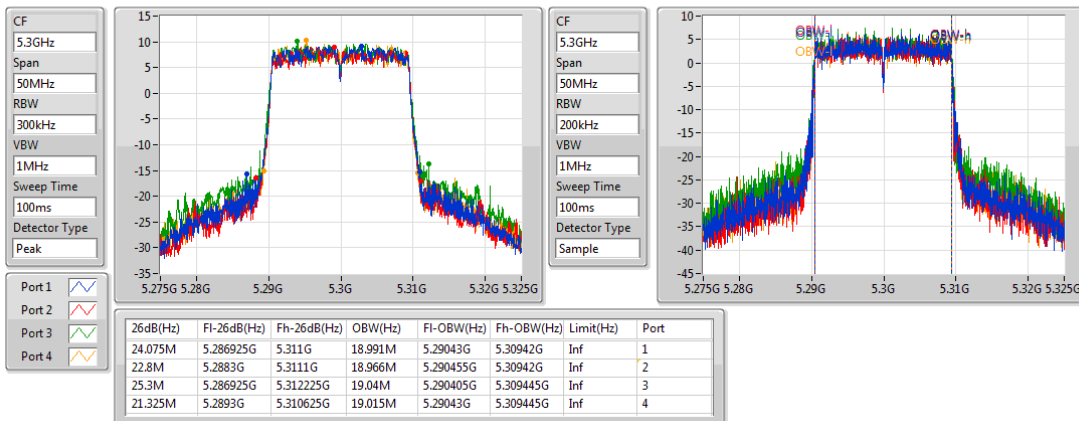
Port X-OBW = Port X 99% occupied bandwidth;

802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5260MHz

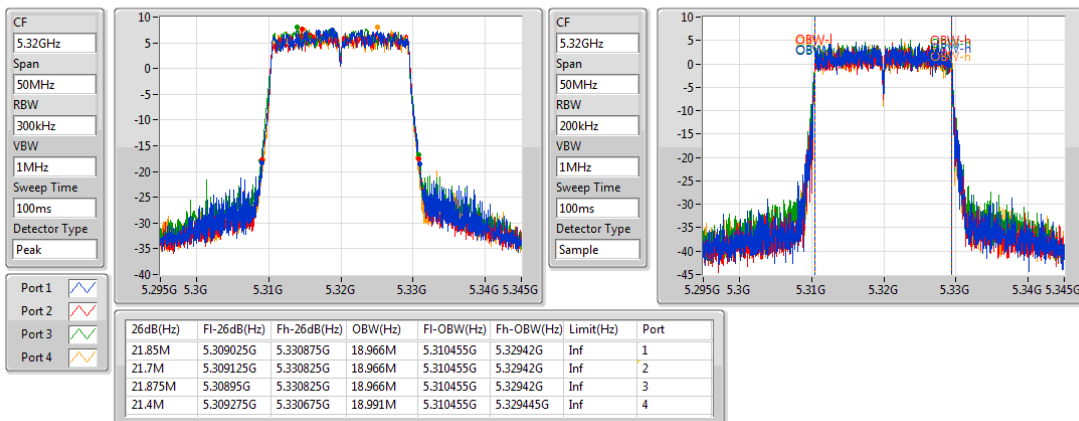
08/12/2018


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5300MHz

08/12/2018

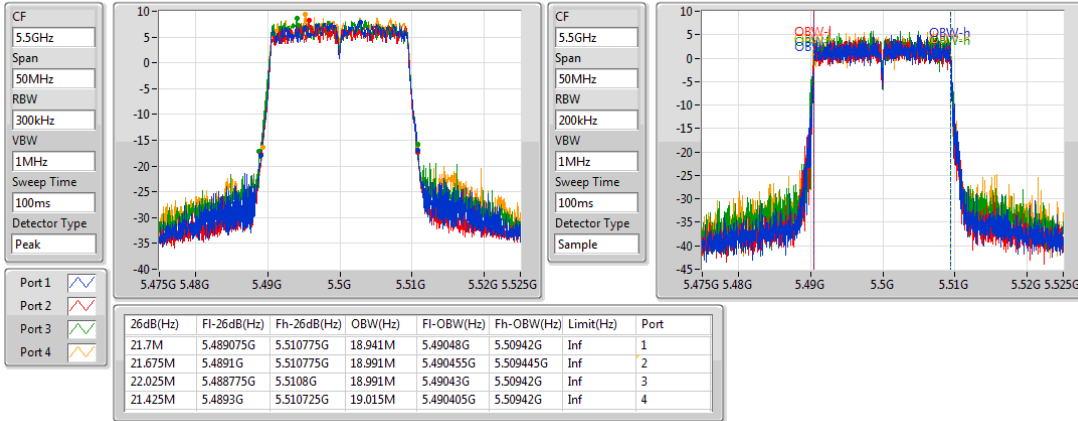

802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5320MHz

08/12/2018

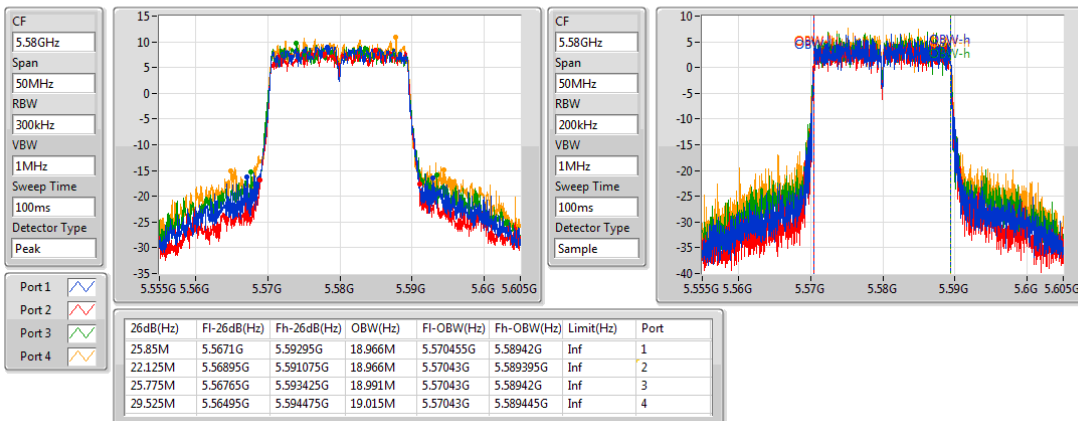


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5500MHz

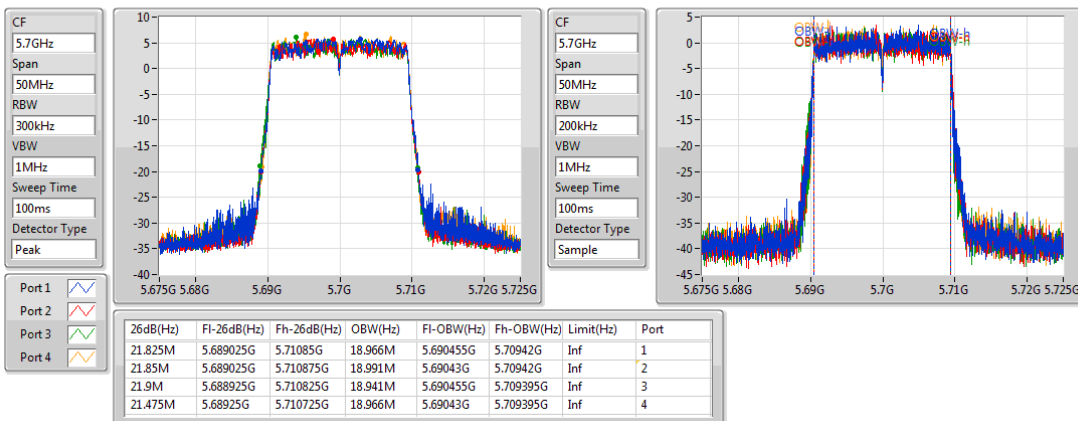
08/12/2018


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5580MHz

08/12/2018

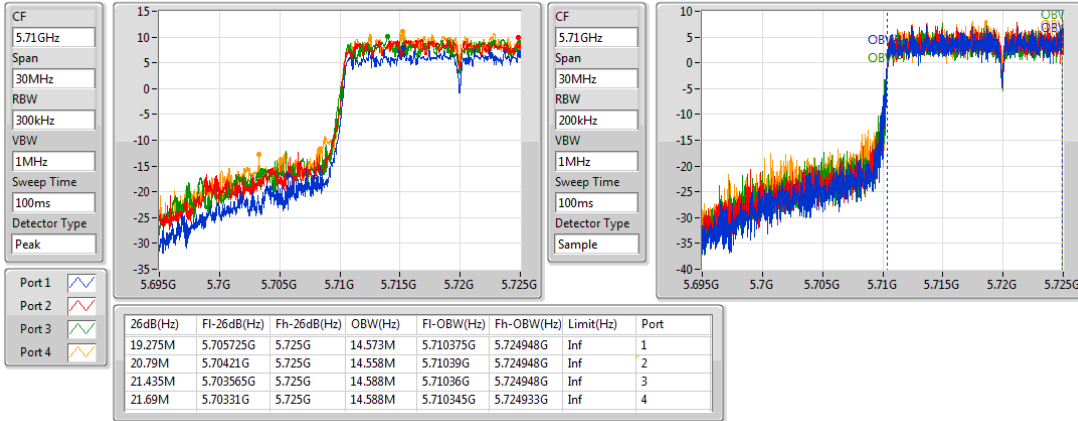

802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5700MHz

08/12/2018

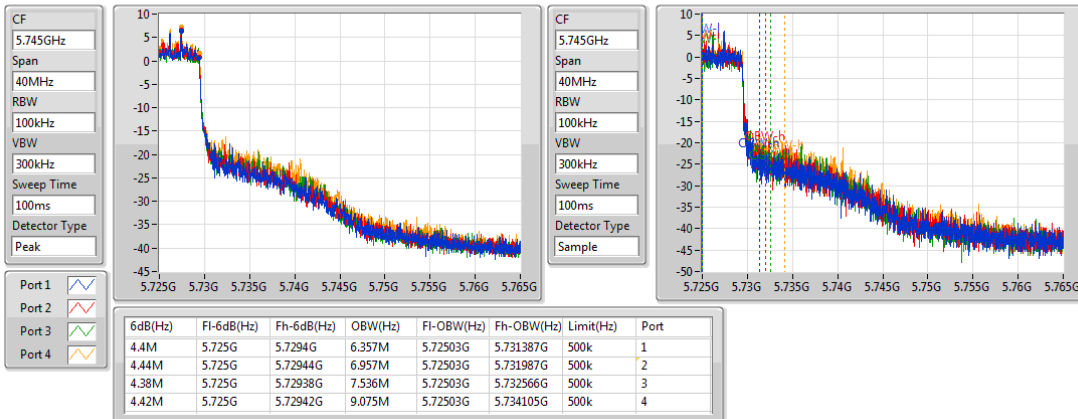


802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

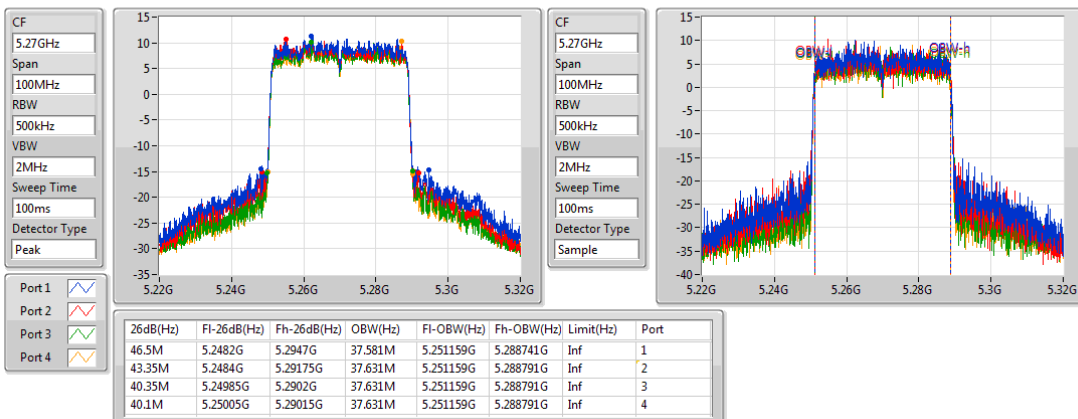
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802.11ax HEW20_Nss4,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

08/12/2018

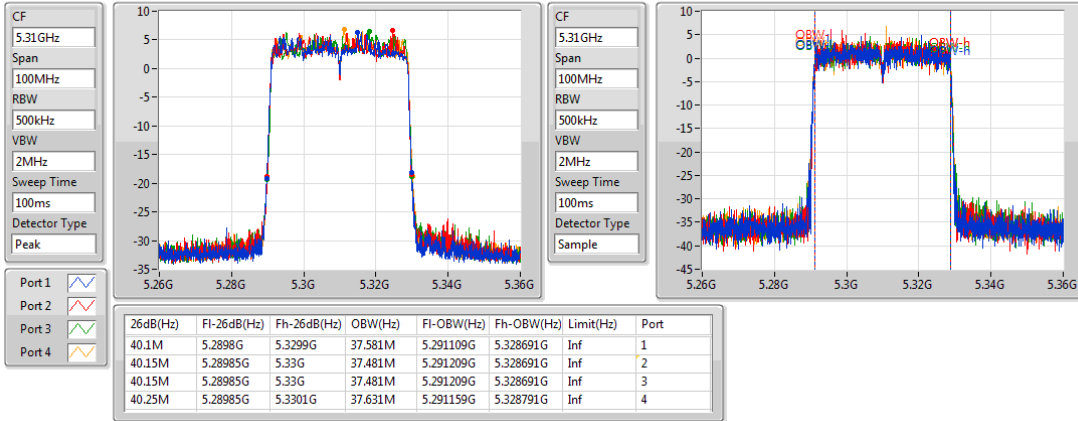

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5270MHz

31/12/2018

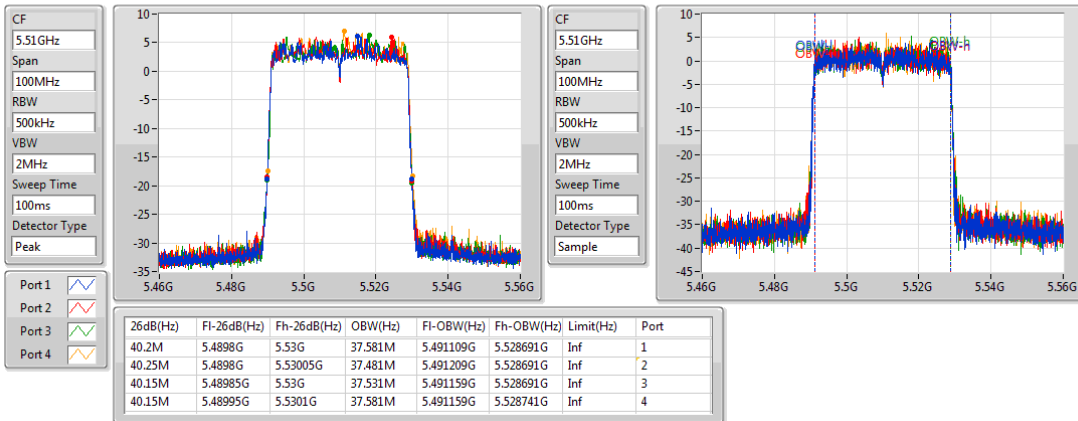


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5310MHz

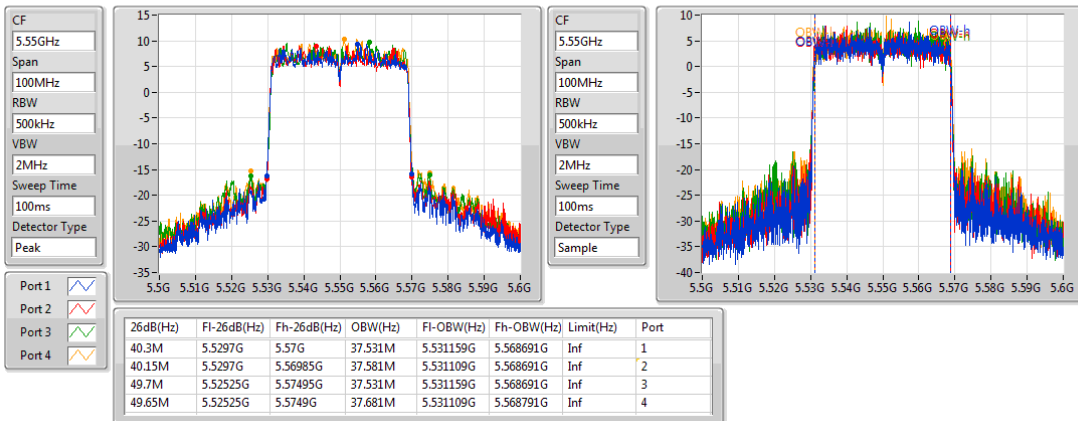
08/12/2018


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5510MHz

08/12/2018

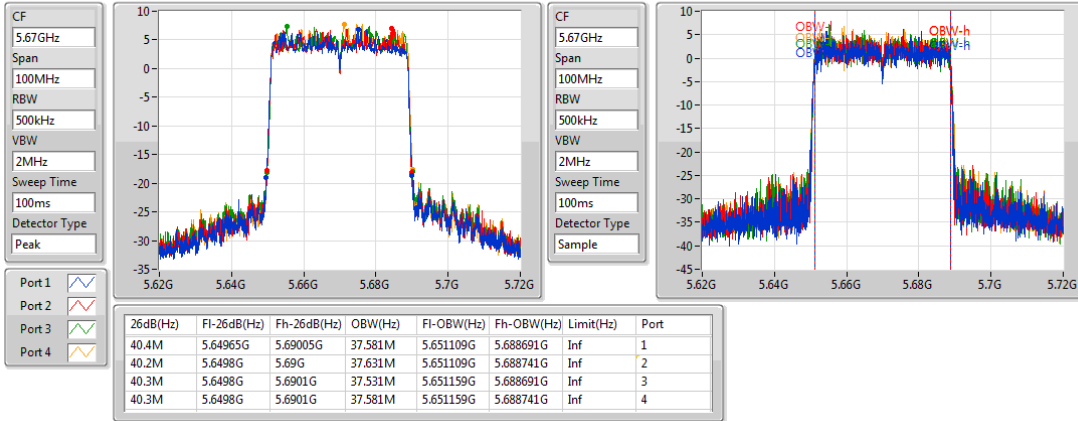

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5550MHz

08/12/2018

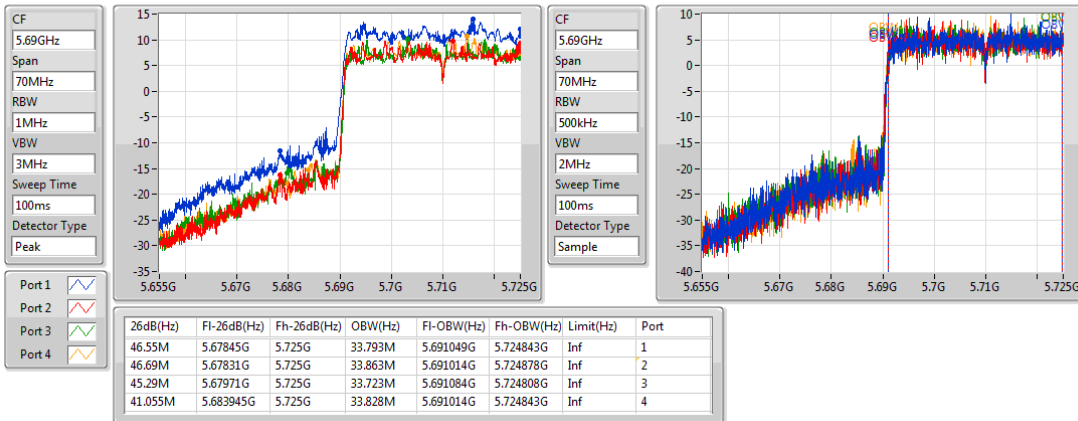


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5670MHz

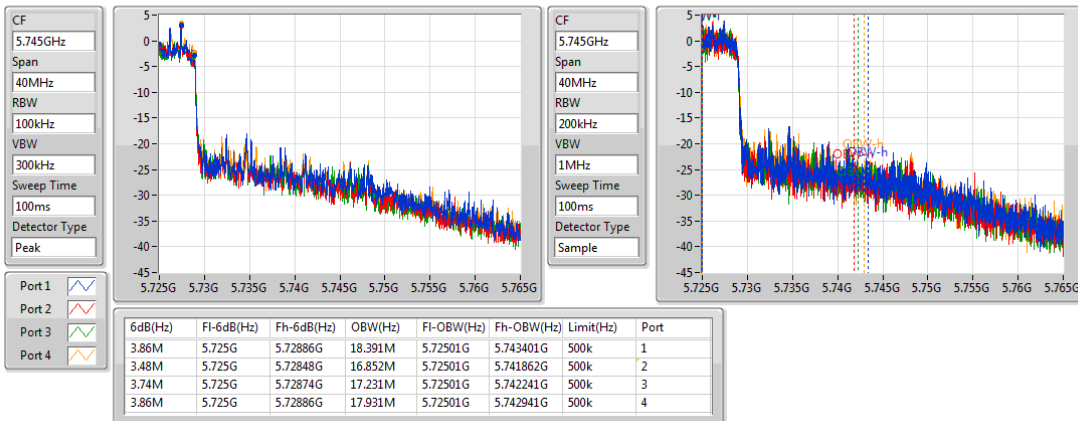
08/12/2018


802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

08/12/2018

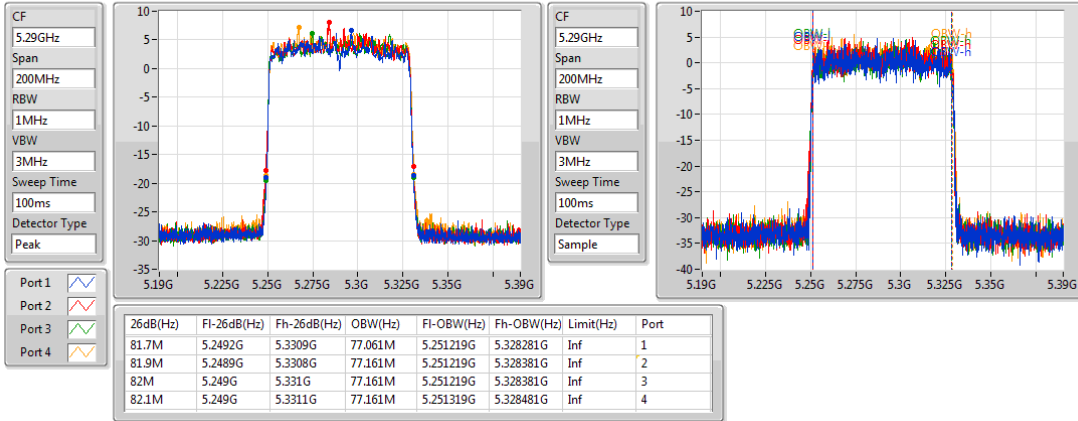

802.11ax HEW40_Nss4,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

08/12/2018

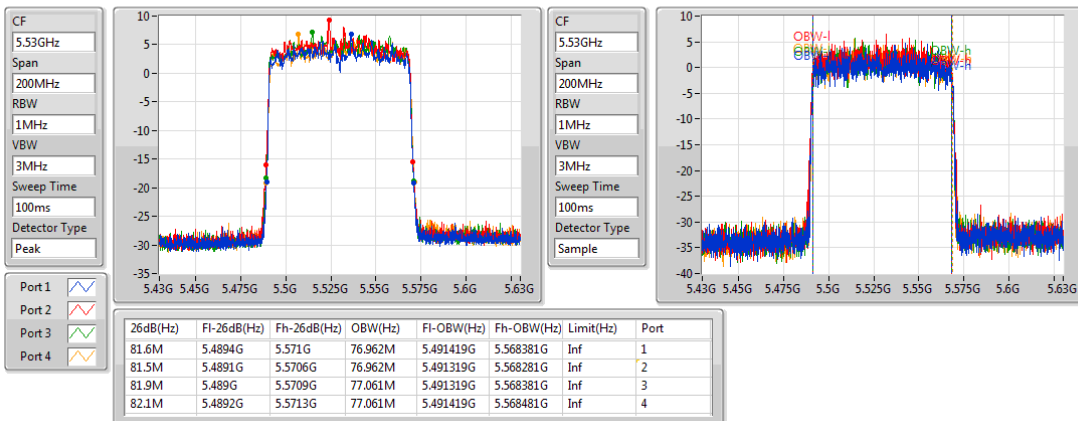


802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5290MHz

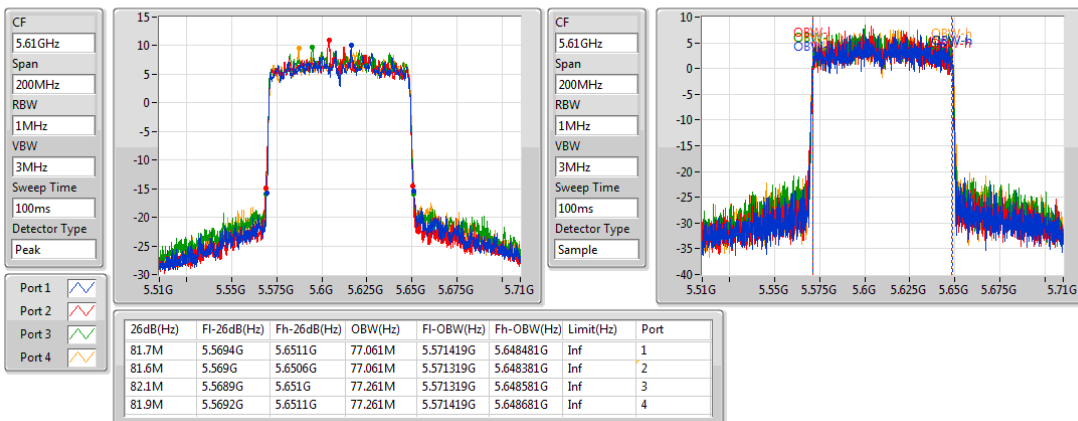
08/12/2018


802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5530MHz

08/12/2018

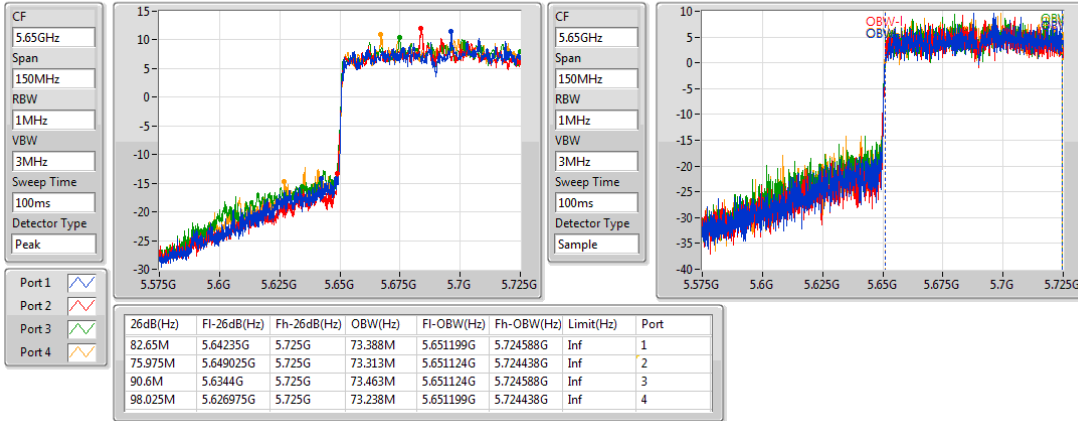

802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5610MHz

08/12/2018

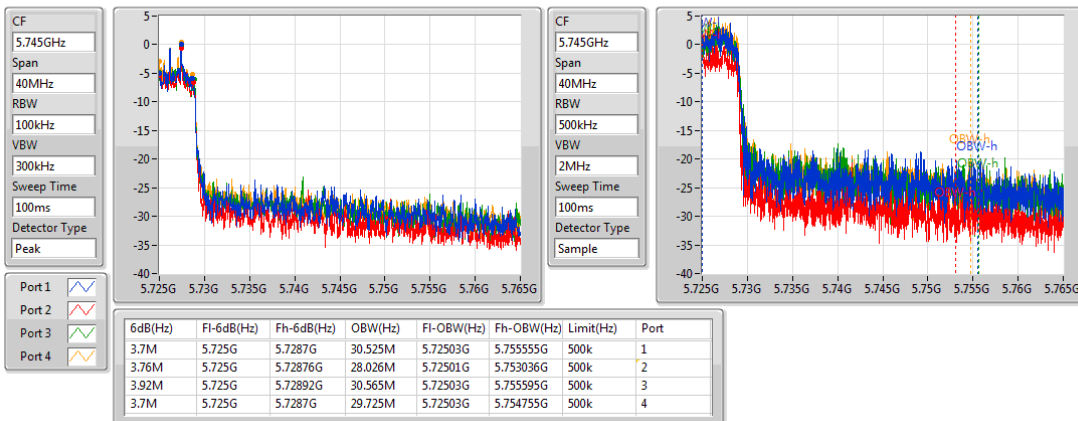


802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

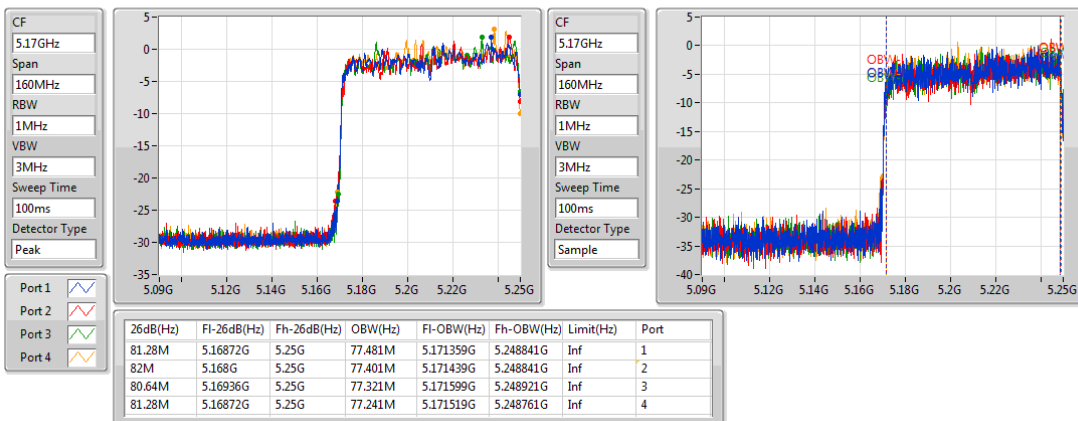
08/12/2018


802.11ax HEW80_Nss4,(MCS0)_4TX
EBW
5690MHz Straddle 5.725-5.85GHz

08/12/2018


802.11ax HEW160_Nss4,(MCS0)_4TX
EBW
5250MHz Straddle 5.15-5.25GHz

08/12/2018

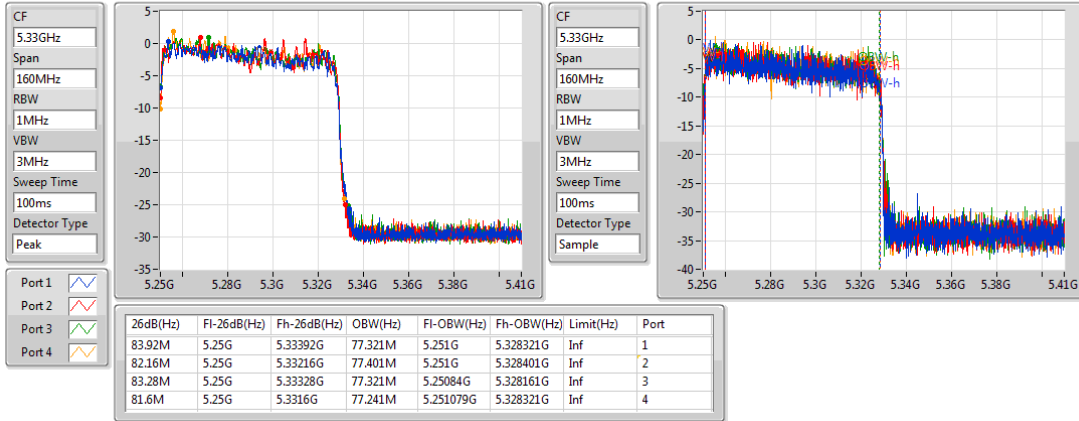


802.11ax HEW160_Nss4,(MCS0)_4TX

EBW

5250MHz Straddle 5.25-5.35GHz

08/12/2018

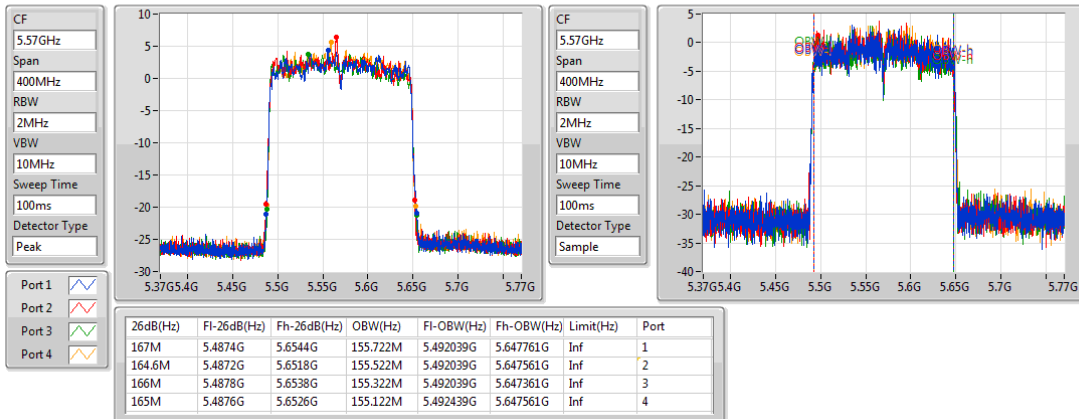


802.11ax HEW160_Nss4,(MCS0)_4TX

EBW

5570MHz

08/12/2018



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	19.02	0.07980
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	17.88	0.06138
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	7.61	0.00577

Result

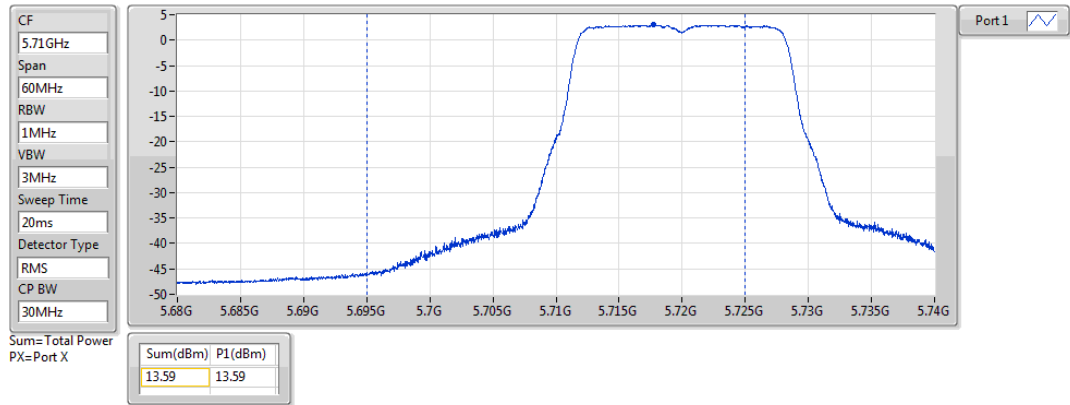
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5260MHz	Pass	5.89	19.02	19.02	23.98	19.5
5300MHz	Pass	5.89	18.32	18.32	23.98	19
5320MHz	Pass	5.89	18.85	18.85	23.98	19.5
5500MHz	Pass	5.89	17.88	17.88	23.98	18
5580MHz	Pass	5.89	15.40	15.40	23.98	16
5700MHz	Pass	5.89	15.33	15.33	23.98	15.5
5720MHz Straddle 5.47-5.725GHz	Pass	5.89	13.59	13.59	22.95	15
5720MHz Straddle 5.725-5.85GHz	Pass	5.89	7.61	7.61	30.00	15

DG = Directional Gain; Port X = Port X output power

Note: Conducted setting = Pass conducted setting division 4.

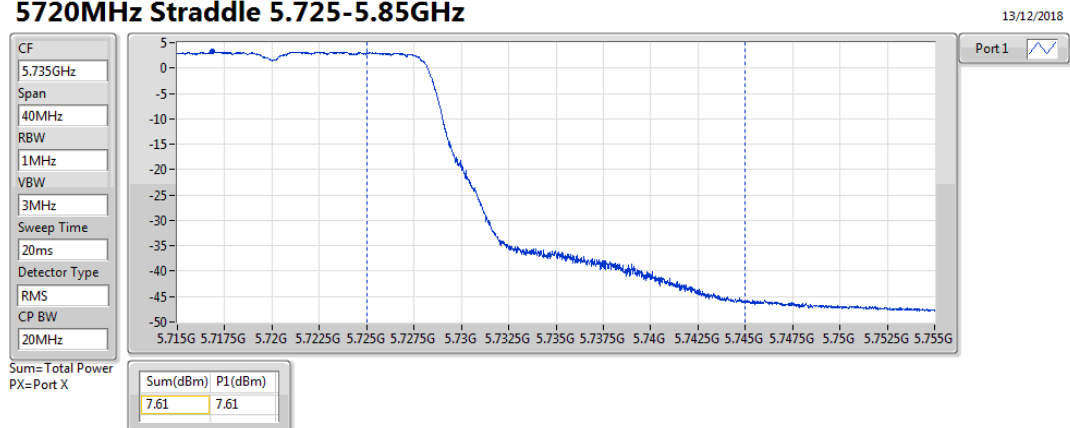
802.11a_Nss1,(6Mbps)_1TX 5720MHz Straddle 5.47-5.725GHz

AV Power



802.11a_Nss1,(6Mbps)_1TX 5720MHz Straddle 5.725-5.85GHz

AV Power



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	10.52	0.01127
5.25-5.35GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	20.39	0.10940
802.11ax HEW40_Nss1,(MCS0)_1TX	20.10	0.10233
802.11ax HEW80_Nss1,(MCS0)_1TX	14.84	0.03048
802.11ax HEW160_Nss1,(MCS0)_1TX	10.79	0.01199
5.47-5.725GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	18.02	0.06339
802.11ax HEW40_Nss1,(MCS0)_1TX	17.14	0.05176
802.11ax HEW80_Nss1,(MCS0)_1TX	17.99	0.06295
802.11ax HEW160_Nss1,(MCS0)_1TX	14.07	0.02553
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	6.51	0.00448
802.11ax HEW40_Nss1,(MCS0)_1TX	5.38	0.00345
802.11ax HEW80_Nss1,(MCS0)_1TX	4.04	0.00254



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	5.89	20.10	20.10	23.98	20.75
5300MHz	Pass	5.89	20.39	20.39	23.98	21
5320MHz	Pass	5.89	18.44	18.44	23.98	18.75
5500MHz	Pass	5.89	18.02	18.02	23.98	18
5580MHz	Pass	5.89	15.30	15.30	23.98	15.75
5700MHz	Pass	5.89	14.53	14.53	23.98	14.25
5720MHz Straddle 5.47-5.725GHz	Pass	5.89	11.24	11.24	22.97	12.5
5720MHz Straddle 5.725-5.85GHz	Pass	5.89	6.51	6.51	30.00	12.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	5.89	20.10	20.10	23.98	20.75
5310MHz	Pass	5.89	15.67	15.67	23.98	16
5510MHz	Pass	5.89	15.95	15.95	23.98	16.75
5550MHz	Pass	5.89	17.14	17.14	23.98	17.75
5670MHz	Pass	5.89	16.58	16.58	23.98	16.25
5710MHz Straddle 5.47-5.725GHz	Pass	5.89	15.03	15.03	23.98	15
5710MHz Straddle 5.725-5.85GHz	Pass	5.89	5.38	5.38	30.00	15
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	5.89	14.84	14.84	23.98	15.25
5530MHz	Pass	5.89	15.78	15.78	23.98	16.5
5610MHz	Pass	5.89	17.99	17.99	23.98	17.75
5690MHz Straddle 5.47-5.725GHz	Pass	5.89	17.44	17.44	23.98	17.5
5690MHz Straddle 5.725-5.85GHz	Pass	5.89	4.04	4.04	30.00	17.5
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.89	10.52	10.52	30.00	14.75
5250MHz Straddle 5.25-5.35GHz	Pass	5.89	10.79	10.79	23.98	14.75
5570MHz	Pass	5.89	14.07	14.07	23.98	14

DG = Directional Gain;Port X = Port X output power

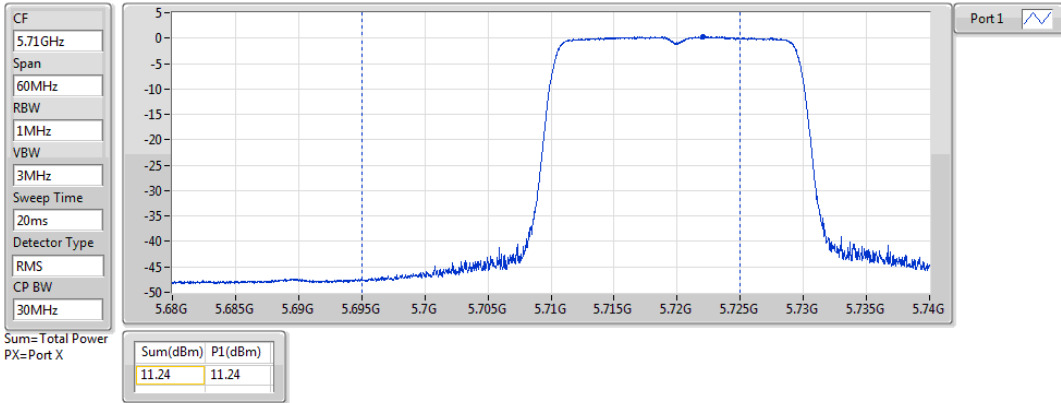
Note: Conducted setting = Pass conducted setting division 4.

802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

13/12/2018

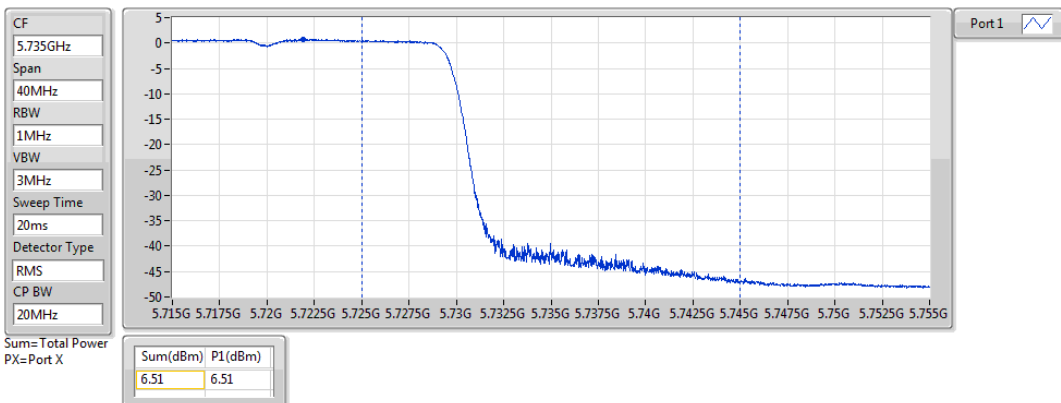


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

13/12/2018

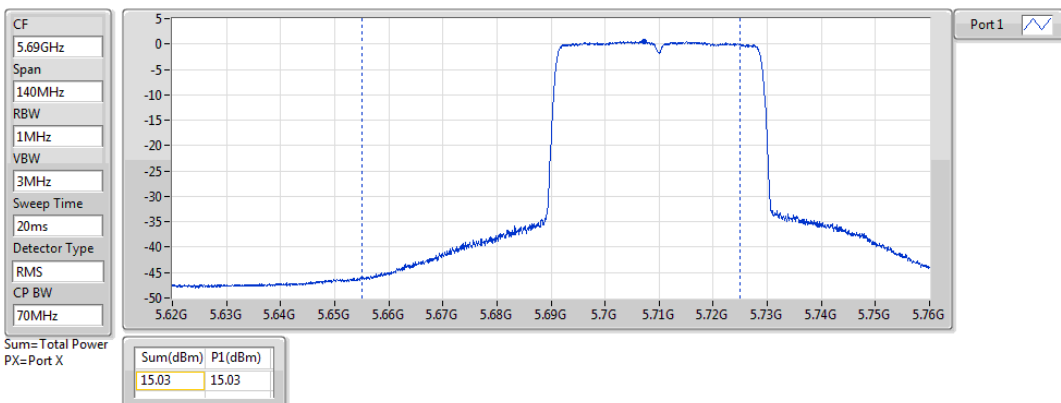


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

13/12/2018

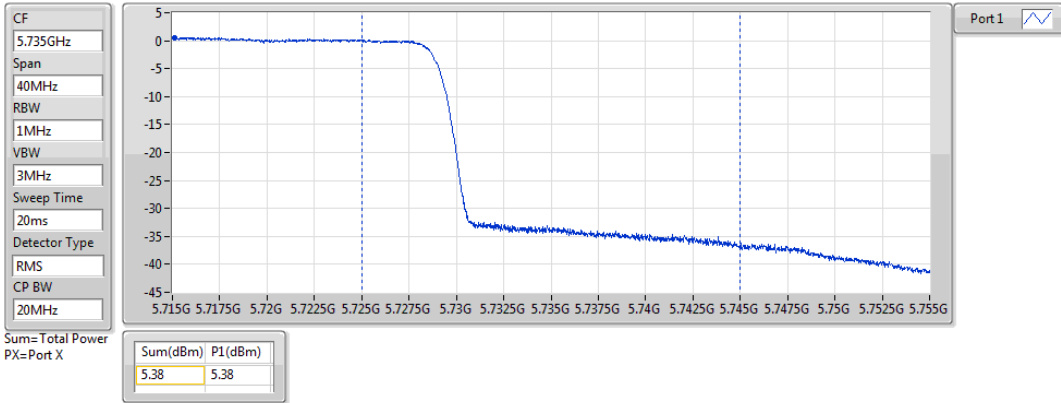


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

13/12/2018

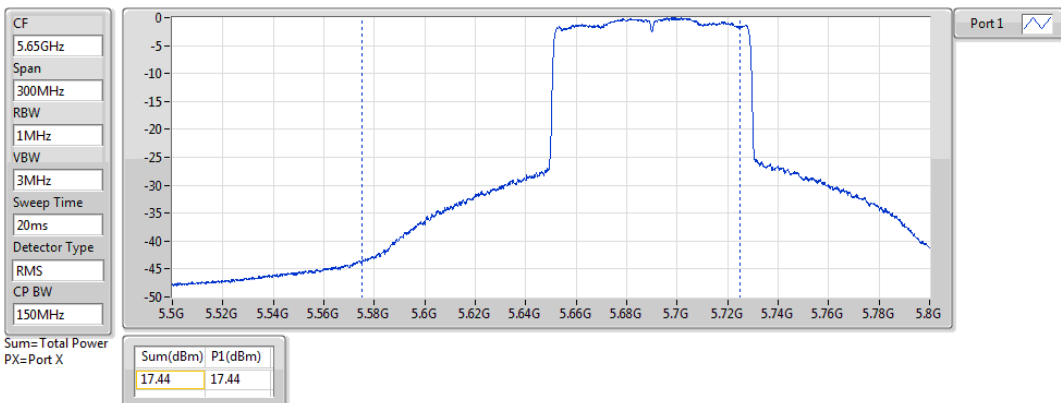


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

13/12/2018

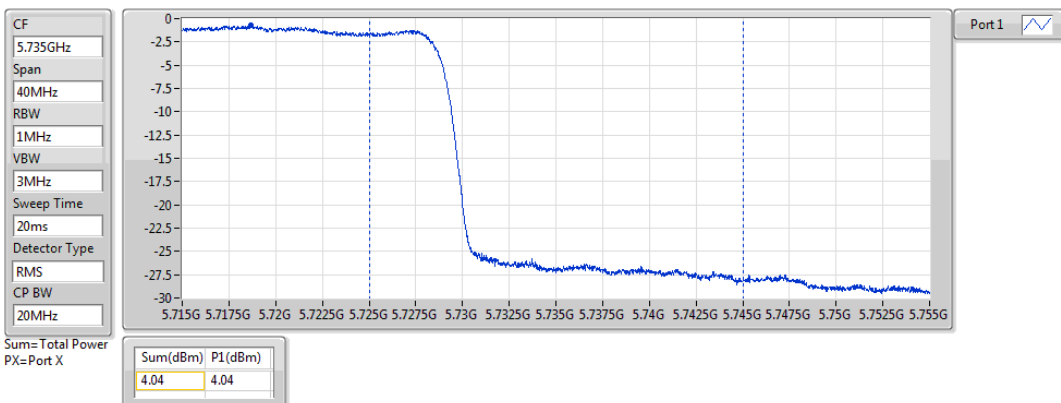


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

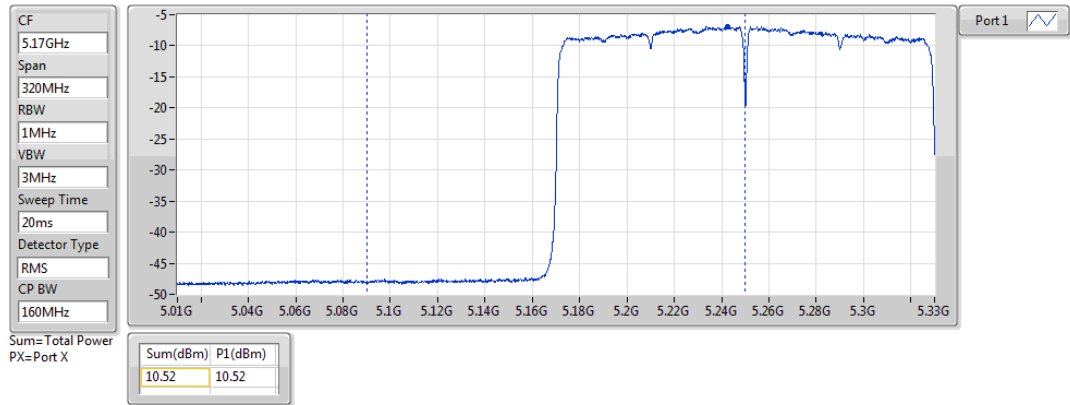
13/12/2018



802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

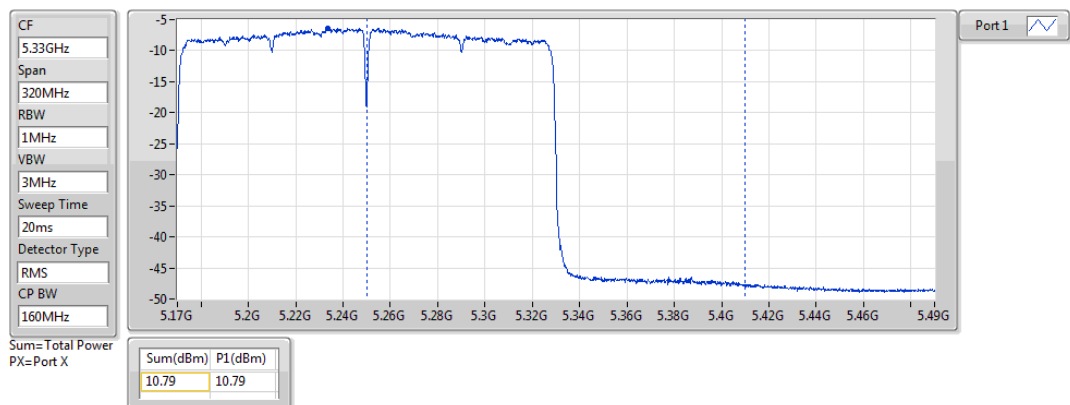
5250MHz Straddle 5.15-5.25GHz



802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	13.17	0.02075
5.25-5.35GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.55	0.22646
802.11ax HEW40_Nss2,(MCS0)_2TX	22.87	0.19364
802.11ax HEW80_Nss2,(MCS0)_2TX	18.74	0.07482
802.11ax HEW160_Nss2,(MCS0)_2TX	13.27	0.02123
5.47-5.725GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	19.48	0.08872
802.11ax HEW40_Nss2,(MCS0)_2TX	19.96	0.09908
802.11ax HEW80_Nss2,(MCS0)_2TX	20.89	0.12274
802.11ax HEW160_Nss2,(MCS0)_2TX	16.74	0.04721
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	9.17	0.00826
802.11ax HEW40_Nss2,(MCS0)_2TX	8.01	0.00632
802.11ax HEW80_Nss2,(MCS0)_2TX	6.75	0.00473

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	5.63	20.28	20.62	23.46	23.98	20.75
5300MHz	Pass	5.63	20.45	20.63	23.55	23.98	21
5320MHz	Pass	5.63	16.75	16.88	19.83	23.98	17
5500MHz	Pass	5.63	16.50	16.44	19.48	23.98	17
5580MHz	Pass	5.63	15.13	15.00	18.08	23.98	15.75
5700MHz	Pass	5.63	14.35	14.34	17.36	23.98	14.25
5720MHz Straddle 5.47-5.725GHz	Pass	5.63	11.12	11.08	14.11	22.93	12.5
5720MHz Straddle 5.725-5.85GHz	Pass	5.63	6.19	6.13	9.17	30.00	12.5
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	5.63	19.67	20.04	22.87	23.98	20.5
5310MHz	Pass	5.63	15.60	15.96	18.79	23.98	16.25
5510MHz	Pass	5.63	15.65	16.18	18.93	23.98	16.5
5550MHz	Pass	5.63	16.86	17.03	19.96	23.98	17.75
5670MHz	Pass	5.63	16.09	15.96	19.04	23.98	16.25
5710MHz Straddle 5.47-5.725GHz	Pass	5.63	14.69	14.65	17.68	23.98	15
5710MHz Straddle 5.725-5.85GHz	Pass	5.63	5.06	4.94	8.01	30.00	15
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	5.63	15.76	15.69	18.74	23.98	16.25
5530MHz	Pass	5.63	15.73	15.22	18.49	23.98	16
5610MHz	Pass	5.63	17.98	17.77	20.89	23.98	18.5
5690MHz Straddle 5.47-5.725GHz	Pass	5.63	16.88	17.37	20.14	23.98	17.5
5690MHz Straddle 5.725-5.85GHz	Pass	5.63	3.50	3.96	6.75	30.00	17.5
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.63	9.98	10.33	13.17	30.00	14.25
5250MHz Straddle 5.25-5.35GHz	Pass	5.63	10.19	10.33	13.27	23.98	14.25
5570MHz	Pass	5.63	13.75	13.71	16.74	23.98	14

DG = Directional Gain;Port X = Port X output power

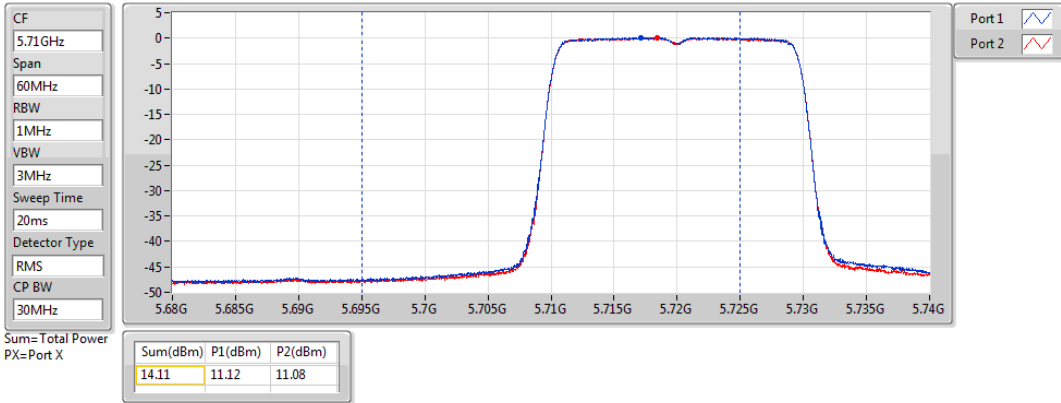
Note: Conducted setting = Pass conducted setting division 4.

802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

13/12/2018

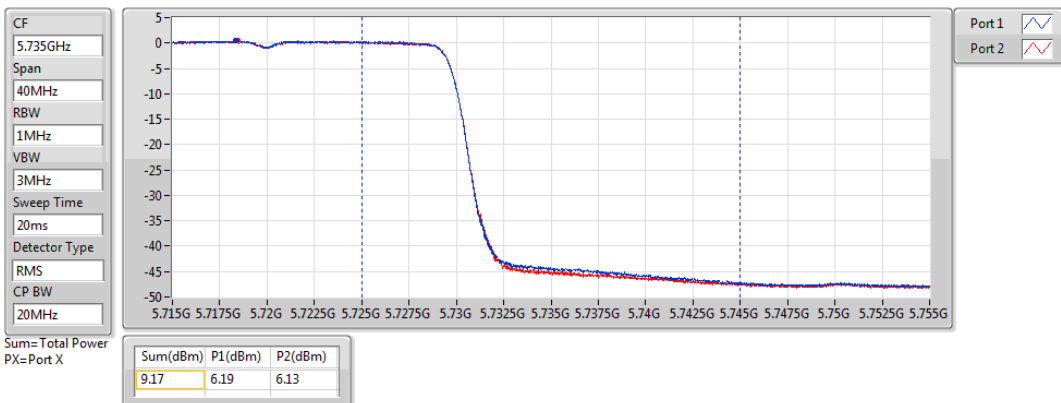


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

13/12/2018

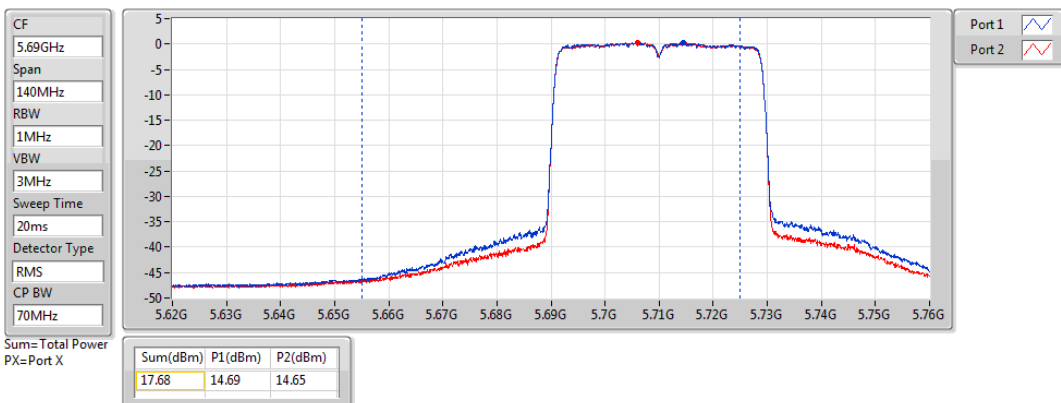


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

13/12/2018

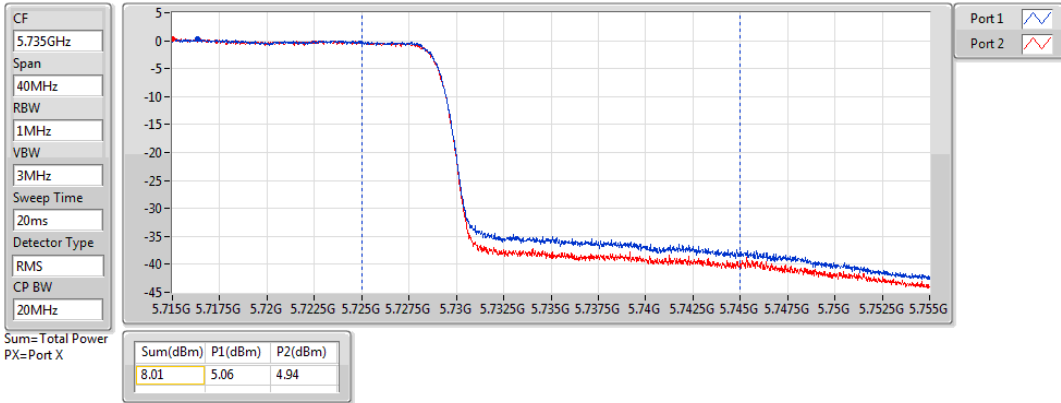


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

13/12/2018

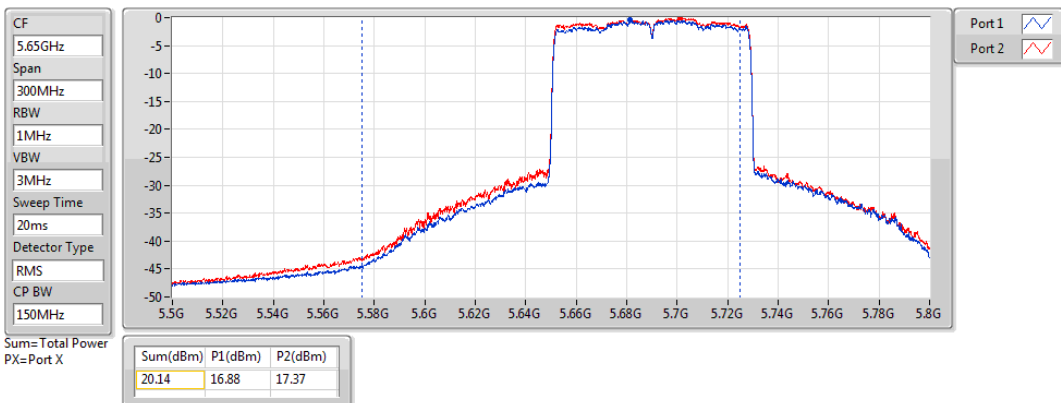


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

13/12/2018

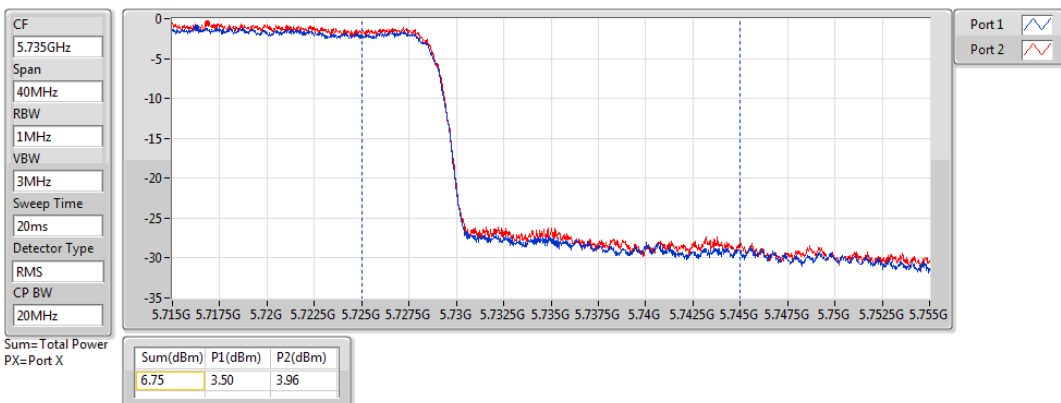


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

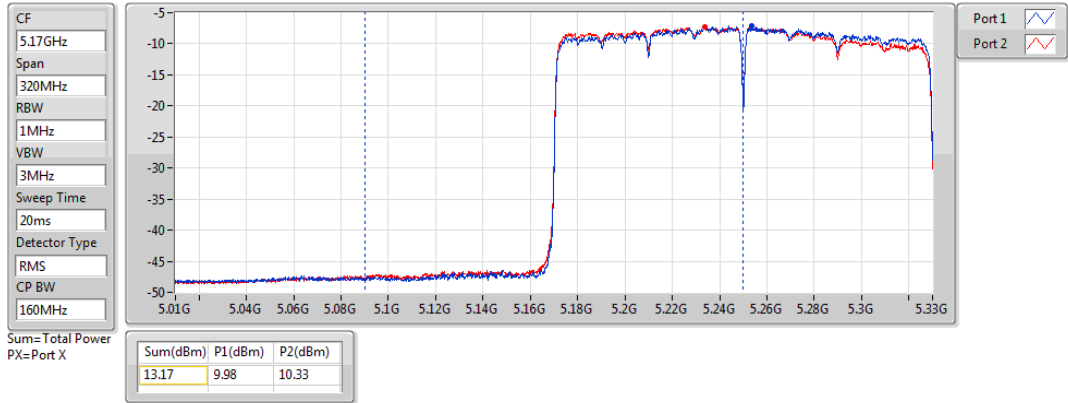
13/12/2018



802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

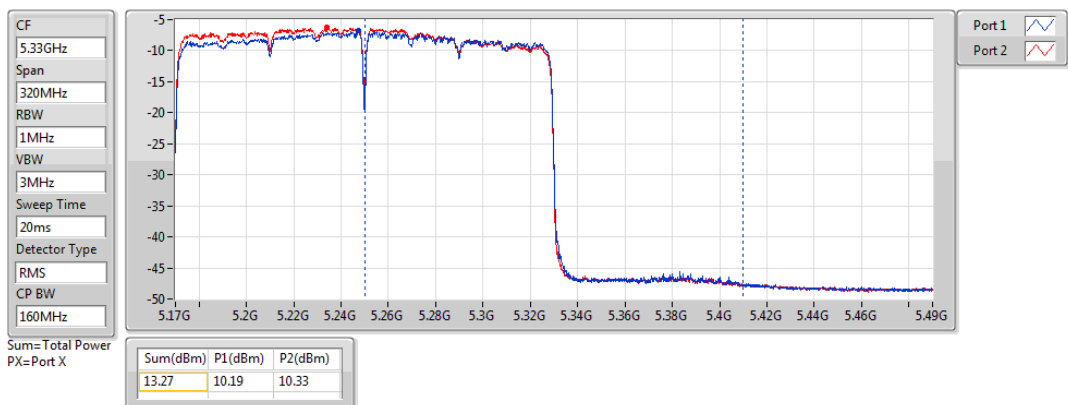
5250MHz Straddle 5.15-5.25GHz



802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz





Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	18.50	0.07079
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	18.43	0.06966
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	11.69	0.01476

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.89	12.16	12.09	12.80	11.73	18.23	23.98	12.75
5300MHz	Pass	5.89	12.22	11.94	12.71	12.68	18.42	23.98	13.25
5320MHz	Pass	5.89	12.40	12.17	12.76	12.58	18.50	23.98	13.25
5500MHz	Pass	5.89	11.54	11.42	13.11	12.70	18.27	23.98	12.25
5580MHz	Pass	5.89	11.44	11.43	13.15	13.04	18.36	23.98	12.5
5700MHz	Pass	5.89	12.14	12.19	12.98	12.27	18.43	23.98	12.5
5720MHz Straddle 5.47-5.725GHz	Pass	5.89	10.81	10.96	12.26	11.47	17.43	22.94	12.5
5720MHz Straddle 5.725-5.85GHz	Pass	5.89	5.38	5.13	6.47	5.56	11.69	30.00	12.5

DG = Directional Gain; Port X = Port X output power

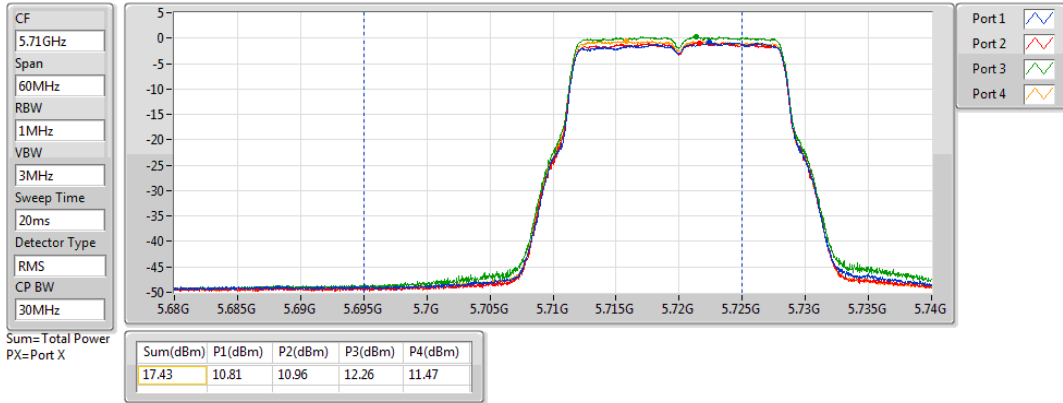
Note: Conducted setting = Pass conducted setting division 4.

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

13/12/2018

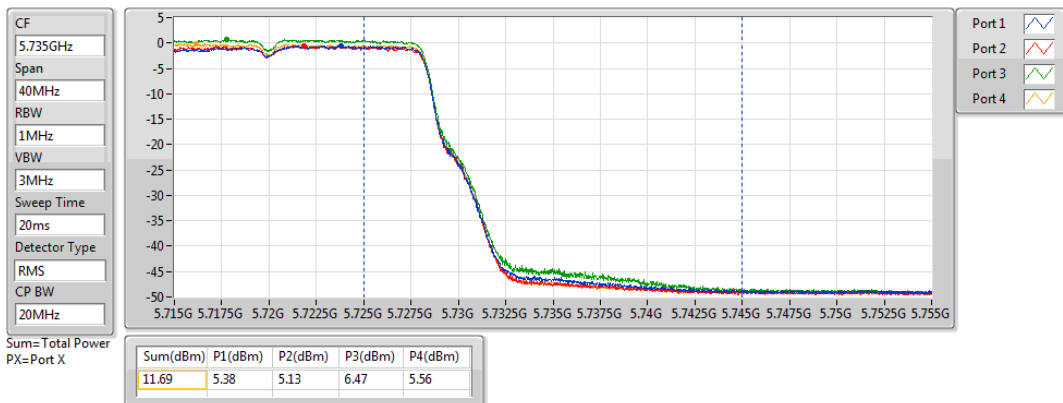


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

13/12/2018



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	14.68	0.02938
5.25-5.35GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	19.18	0.08279
802.11ax HEW40_Nss1,(MCS0)_4TX	21.51	0.14158
802.11ax HEW80_Nss1,(MCS0)_4TX	19.01	0.07962
802.11ax HEW160_Nss1,(MCS0)_4TX	14.48	0.02805
5.47-5.725GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	19.12	0.08166
802.11ax HEW40_Nss1,(MCS0)_4TX	21.61	0.14488
802.11ax HEW80_Nss1,(MCS0)_4TX	23.43	0.22029
802.11ax HEW160_Nss1,(MCS0)_4TX	19.36	0.08630
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	12.56	0.01803
802.11ax HEW40_Nss1,(MCS0)_4TX	11.16	0.01306
802.11ax HEW80_Nss1,(MCS0)_4TX	9.95	0.00989



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.89	12.93	13.01	13.04	12.74	18.95	23.98	13.25
5300MHz	Pass	5.89	12.98	13.03	13.40	13.20	19.18	23.98	13.75
5320MHz	Pass	5.89	12.87	12.79	13.19	13.28	19.06	23.98	13.75
5500MHz	Pass	5.89	11.96	12.30	13.87	13.38	18.97	23.98	12.75
5580MHz	Pass	5.89	12.12	12.29	13.55	14.11	19.12	23.98	13
5700MHz	Pass	5.89	12.74	12.72	13.53	13.07	19.05	23.98	13
5720MHz Straddle 5.47-5.725GHz	Pass	5.89	11.13	11.19	12.01	11.27	17.44	22.96	12.5
5720MHz Straddle 5.725-5.85GHz	Pass	5.89	6.29	6.31	7.09	6.43	12.56	30.00	12.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.89	15.07	15.69	15.63	15.55	21.51	23.98	16.25
5310MHz	Pass	5.89	13.07	13.13	13.15	13.23	19.17	23.98	13.75
5510MHz	Pass	5.89	13.07	13.19	14.48	14.35	19.84	23.98	14
5550MHz	Pass	5.89	14.54	14.69	16.46	16.31	21.61	23.98	15.75
5670MHz	Pass	5.89	15.60	15.04	15.39	16.00	21.54	23.98	15.5
5710MHz Straddle 5.47-5.725GHz	Pass	5.89	14.72	14.47	15.12	14.90	20.83	23.98	15
5710MHz Straddle 5.725-5.85GHz	Pass	5.89	5.11	4.80	5.33	5.30	11.16	30.00	15
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.89	12.97	13.15	13.06	12.76	19.01	23.98	13.75
5530MHz	Pass	5.89	13.11	12.68	14.34	14.53	19.76	23.98	13.5
5610MHz	Pass	5.89	16.02	15.62	16.45	16.60	22.21	23.98	16.25
5690MHz Straddle 5.47-5.725GHz	Pass	5.89	17.04	16.95	17.97	17.60	23.43	23.98	17.5
5690MHz Straddle 5.725-5.85GHz	Pass	5.89	3.66	3.69	4.35	3.99	9.95	30.00	17.5
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.89	8.43	8.99	8.62	8.57	14.68	30.00	12.25
5250MHz Straddle 5.25-5.35GHz	Pass	5.89	8.07	8.27	8.73	8.72	14.48	23.98	12.25
5570MHz	Pass	5.89	12.87	12.73	14.09	13.53	19.36	23.98	13

DG = Directional Gain;Port X = Port X output power

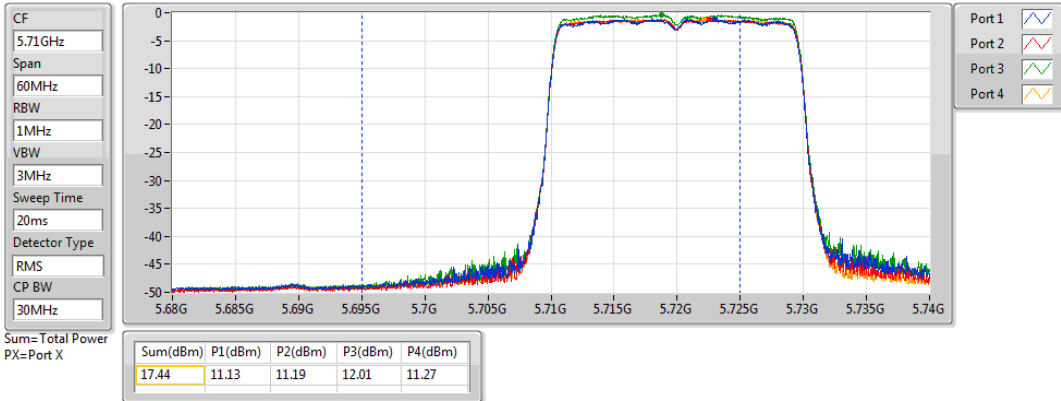
Note : Conducted setting = Pass conducted setting division 4.

802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

13/12/2018

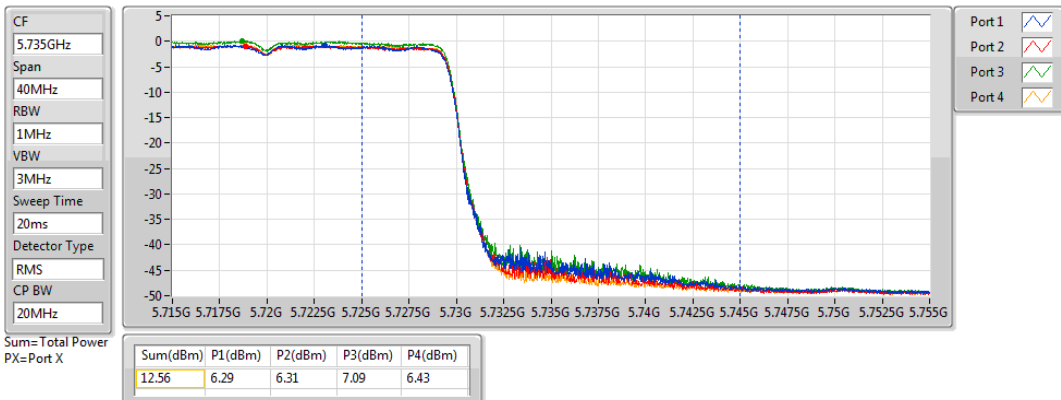


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

13/12/2018

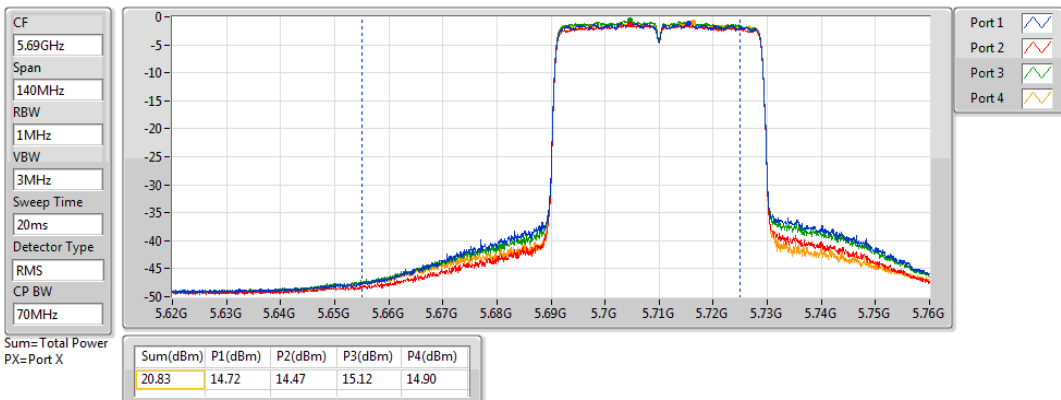


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

13/12/2018

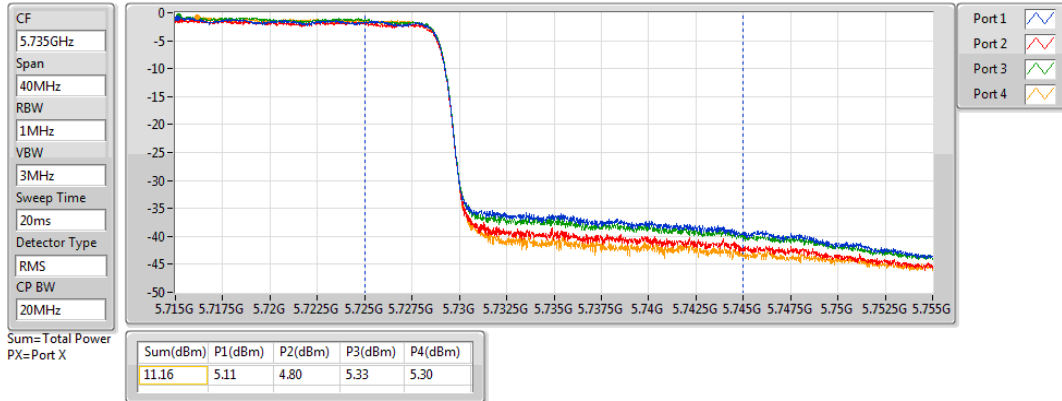


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

13/12/2018

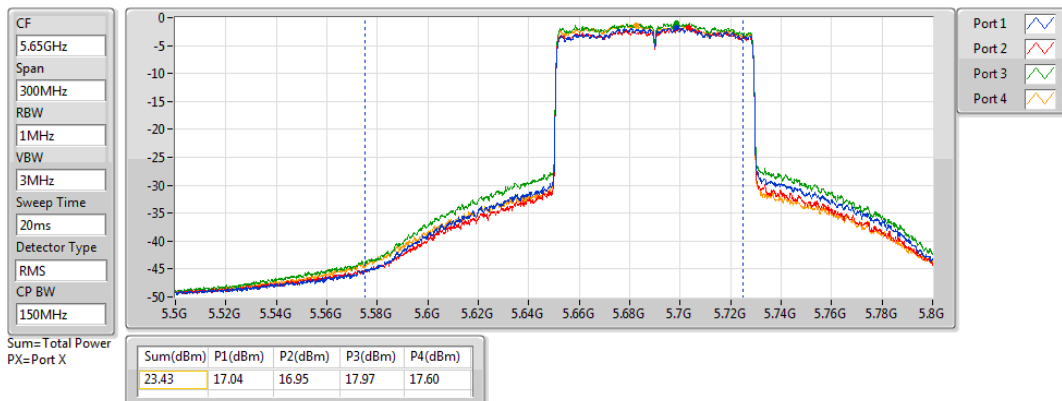


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

13/12/2018

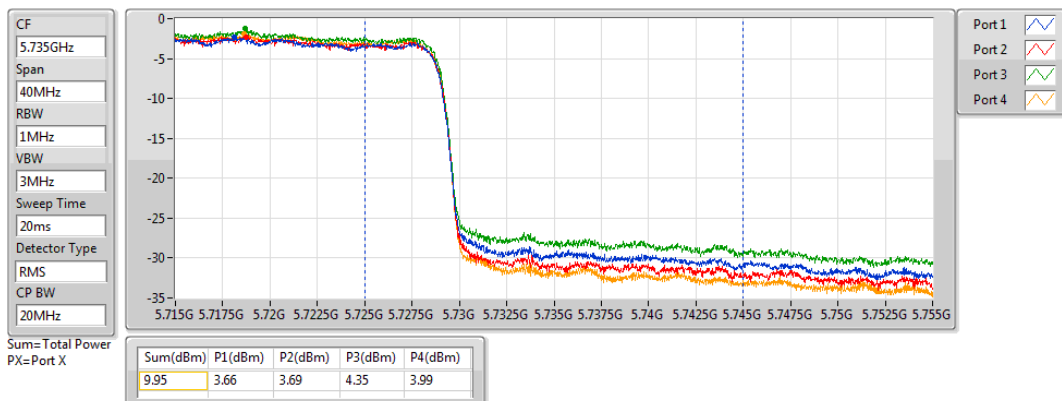


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

13/12/2018

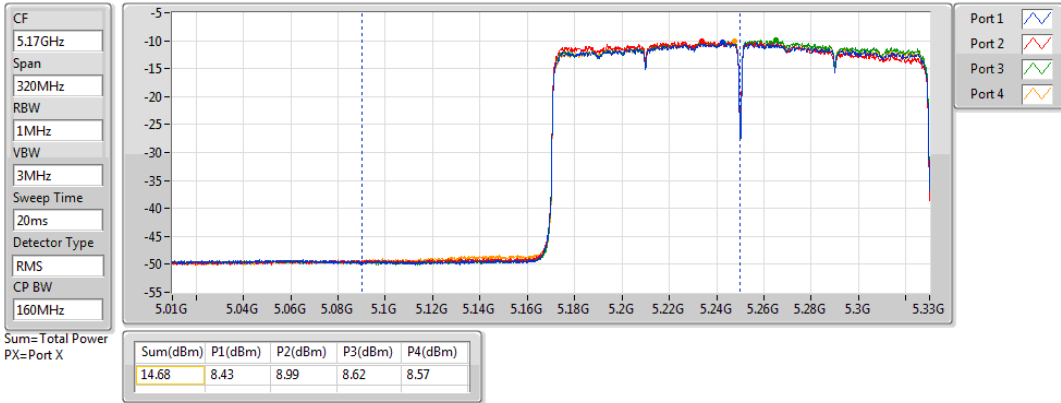


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

13/12/2018

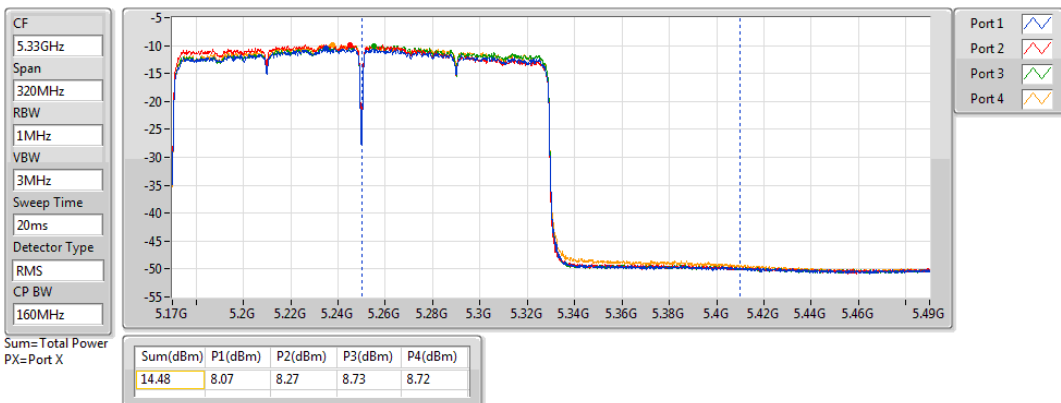


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

13/12/2018



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	15.26	0.03357
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.34	0.06823
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	18.37	0.06871
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.27	0.06714
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	15.16	0.03281
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.34	0.06823
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	18.38	0.06887
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.26	0.06699
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	18.19	0.06592
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.24	0.01675
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.55	0.00716
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.60	0.00288

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	11.59	11.98	12.69	12.22	12.16	18.29	18.39	13.25
5300MHz	Pass	11.59	12.10	11.92	12.03	12.54	18.17	18.39	13.25
5320MHz	Pass	11.59	12.19	12.21	12.21	12.64	18.34	18.39	13.25
5500MHz	Pass	11.59	11.50	11.55	12.38	12.94	18.16	18.39	12.25
5580MHz	Pass	11.59	11.26	11.89	12.25	13.19	18.23	18.39	12.5
5700MHz	Pass	11.59	11.72	12.46	12.50	12.53	18.34	18.39	12.25
5720MHz Straddle 5.47-5.725GHz	Pass	11.59	11.07	11.65	11.48	11.71	17.51	18.39	12.5
5720MHz Straddle 5.725-5.85GHz	Pass	11.59	5.44	6.39	6.33	6.64	12.24	24.41	12.5
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	11.59	12.22	12.55	12.60	12.02	18.37	18.39	13.25
5310MHz	Pass	11.59	11.87	12.26	12.22	12.23	18.17	18.39	13.25
5510MHz	Pass	11.59	10.12	10.87	11.13	11.95	17.09	18.39	11.5
5550MHz	Pass	11.59	11.37	11.83	12.26	13.19	18.24	18.39	12.75
5670MHz	Pass	11.59	11.22	12.71	11.86	12.71	18.19	18.39	12.25
5710MHz Straddle 5.47-5.725GHz	Pass	11.59	11.77	12.47	12.47	12.67	18.38	18.39	12.75
5710MHz Straddle 5.725-5.85GHz	Pass	11.59	1.80	2.37	2.84	3.01	8.55	24.41	12.75
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	11.59	12.13	12.60	11.85	12.40	18.27	18.39	13.25
5530MHz	Pass	11.59	11.49	11.81	12.51	13.00	18.26	18.39	12.5
5610MHz	Pass	11.59	11.32	12.09	12.03	12.97	18.16	18.39	12.25
5690MHz Straddle 5.47-5.725GHz	Pass	11.59	11.27	12.33	12.37	12.66	18.21	18.39	12.5
5690MHz Straddle 5.725-5.85GHz	Pass	11.59	-2.46	-1.26	-1.33	-0.80	4.60	24.41	12.5
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.59	9.41	9.24	9.35	8.94	15.26	24.41	13
5250MHz Straddle 5.25-5.35GHz	Pass	11.59	9.06	9.04	9.48	8.95	15.16	18.39	13
5570MHz	Pass	11.59	11.93	11.88	12.18	12.65	18.19	18.39	12.25

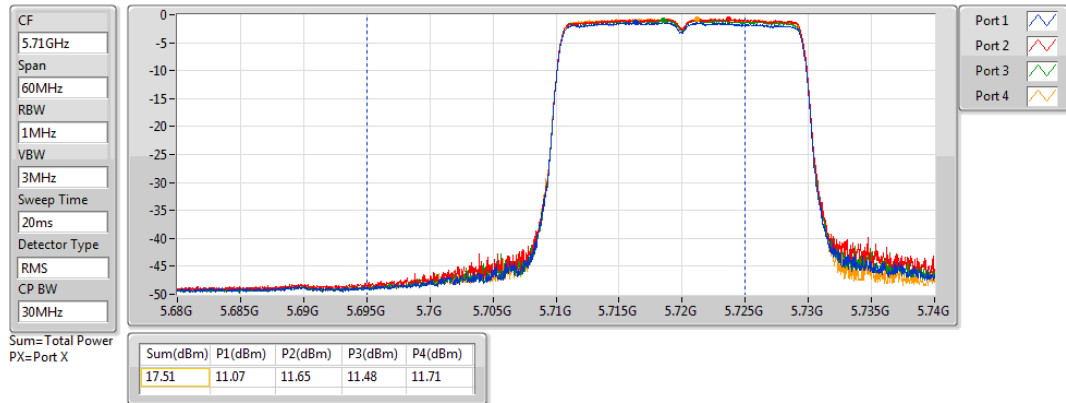
DG = Directional Gain;Port X = Port X output power

Note : Conducted setting = Pass conducted setting division 4.

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

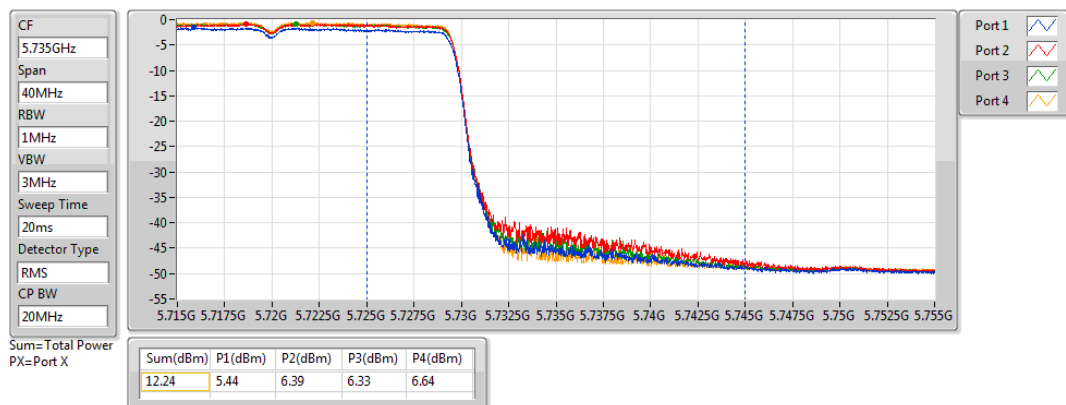
5720MHz Straddle 5.47-5.725GHz



802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

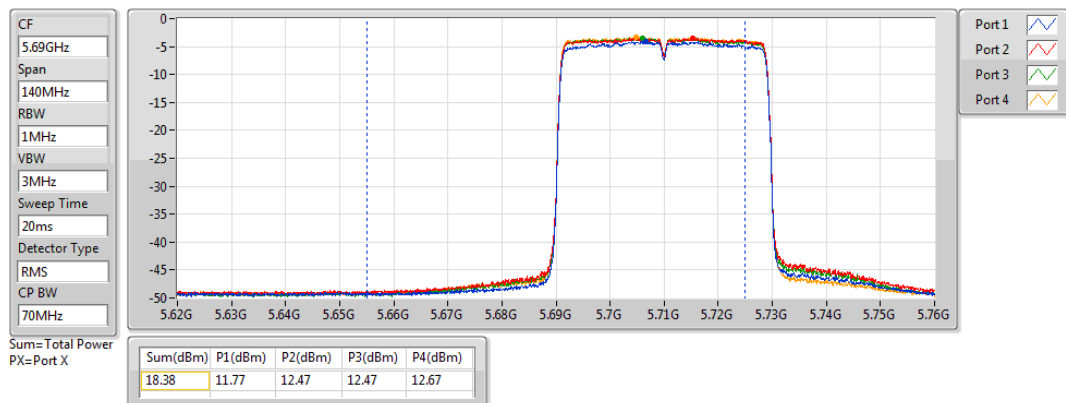
5720MHz Straddle 5.725-5.85GHz



802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

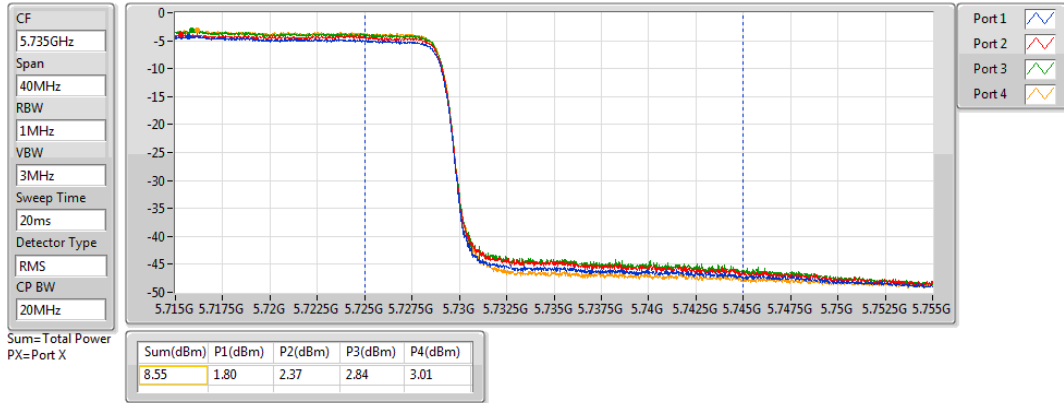
5710MHz Straddle 5.47-5.725GHz



802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

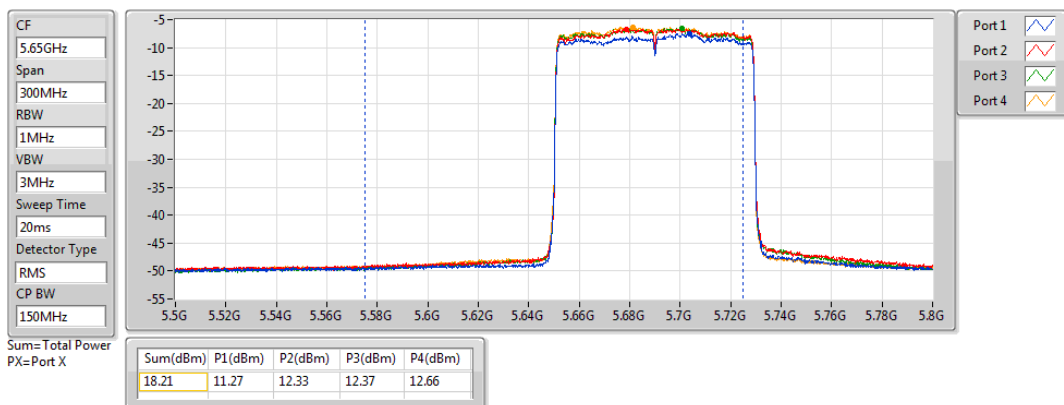
5710MHz Straddle 5.725-5.85GHz



802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

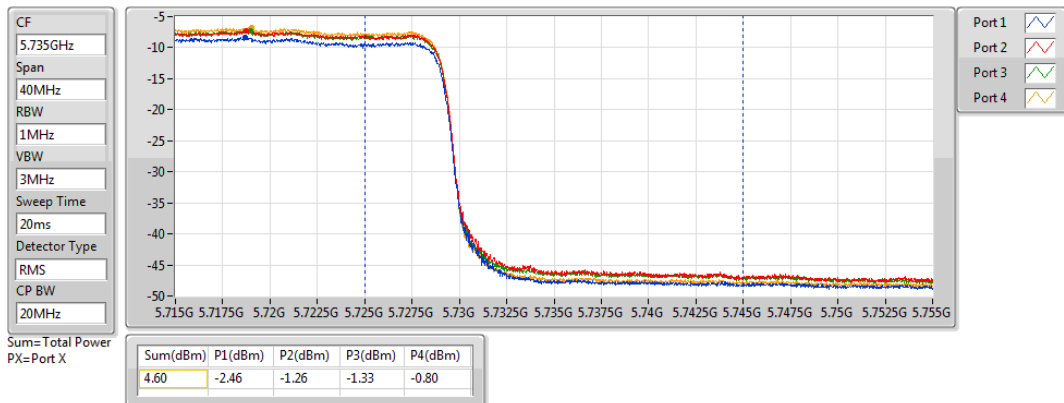
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

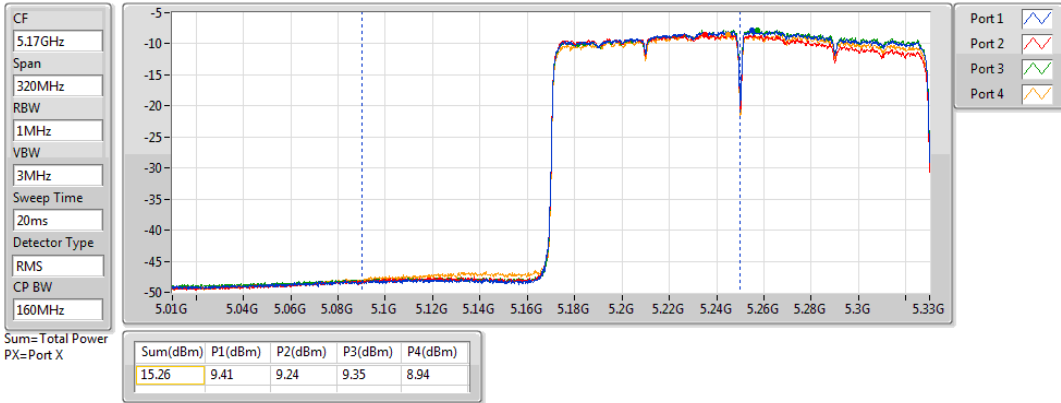


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

28/12/2018

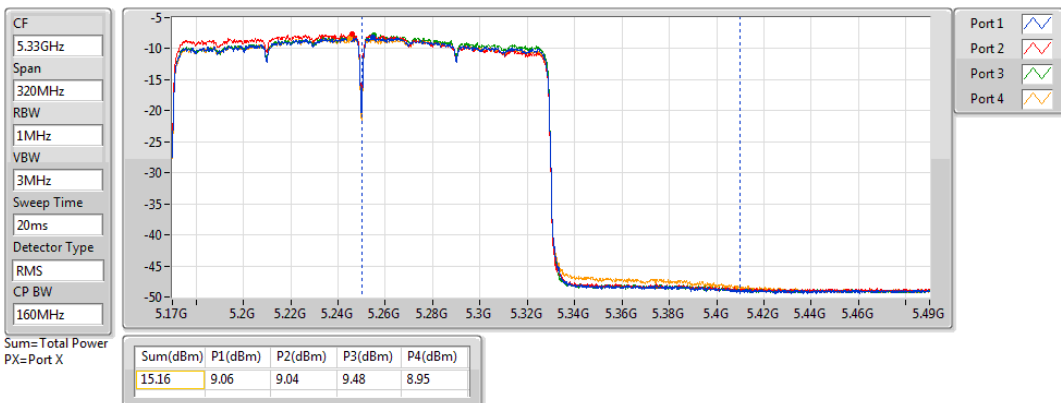


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

28/12/2018



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	14.91	0.03097
5.25-5.35GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	23.87	0.24378
802.11ax HEW40_Nss4,(MCS0)_4TX	23.90	0.24547
802.11ax HEW80_Nss4,(MCS0)_4TX	19.81	0.09572
802.11ax HEW160_Nss4,(MCS0)_4TX	15.39	0.03459
5.47-5.725GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	22.23	0.16711
802.11ax HEW40_Nss4,(MCS0)_4TX	23.34	0.21577
802.11ax HEW80_Nss4,(MCS0)_4TX	23.14	0.20606
802.11ax HEW160_Nss4,(MCS0)_4TX	19.18	0.08279
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	12.29	0.01694
802.11ax HEW40_Nss4,(MCS0)_4TX	10.83	0.01211
802.11ax HEW80_Nss4,(MCS0)_4TX	9.55	0.00902

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.58	17.51	17.74	18.09	17.75	23.80	23.98	18
5300MHz	Pass	5.58	17.62	17.87	17.61	18.25	23.87	23.98	18.25
5320MHz	Pass	5.58	15.86	16.18	16.17	16.14	22.11	23.98	16.5
5500MHz	Pass	5.58	15.34	15.50	16.85	16.91	22.23	23.98	16
5580MHz	Pass	5.58	15.06	14.73	16.37	16.59	21.78	23.98	15.75
5700MHz	Pass	5.58	14.42	14.12	14.99	14.75	20.60	23.98	14.25
5720MHz Straddle 5.47-5.725GHz	Pass	5.58	11.21	11.20	12.10	11.45	17.53	22.93	12.5
5720MHz Straddle 5.725-5.85GHz	Pass	5.58	6.06	5.88	6.83	6.25	12.29	30.00	12.5
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.58	17.76	18.11	17.94	17.71	23.90	23.98	18.5
5310MHz	Pass	5.58	13.19	13.34	13.22	13.18	19.25	23.98	14
5510MHz	Pass	5.58	13.12	13.26	14.52	14.38	19.89	23.98	14
5550MHz	Pass	5.58	17.03	17.15	17.79	17.27	23.34	23.98	17.75
5670MHz	Pass	5.58	14.24	13.97	14.79	15.41	20.66	23.98	14.75
5710MHz Straddle 5.47-5.725GHz	Pass	5.58	14.62	14.71	14.89	15.08	20.85	23.98	15
5710MHz Straddle 5.725-5.85GHz	Pass	5.58	4.53	4.65	4.80	5.22	10.83	30.00	15
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.58	13.50	13.68	14.03	13.91	19.81	23.98	14.5
5530MHz	Pass	5.58	13.27	12.65	14.31	14.24	19.69	23.98	13.75
5610MHz	Pass	5.58	16.94	16.49	16.94	17.07	22.89	23.98	17
5690MHz Straddle 5.47-5.725GHz	Pass	5.58	16.74	16.99	17.25	17.48	23.14	23.98	17.5
5690MHz Straddle 5.725-5.85GHz	Pass	5.58	3.19	3.57	3.54	3.78	9.55	30.00	17.5
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.58	8.32	9.19	9.14	8.84	14.91	30.00	13
5250MHz Straddle 5.25-5.35GHz	Pass	5.58	8.70	9.11	9.91	9.67	15.39	23.98	13
5570MHz	Pass	5.58	13.03	12.57	13.39	13.57	19.18	23.98	13

DG = Directional Gain;Port X = Port X output power

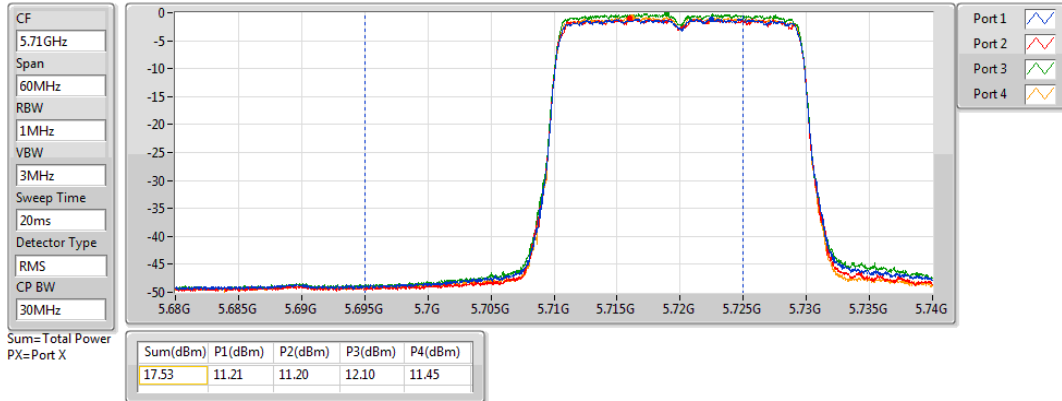
Note: Conducted setting = Pass conducted setting division 4.

802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

13/12/2018

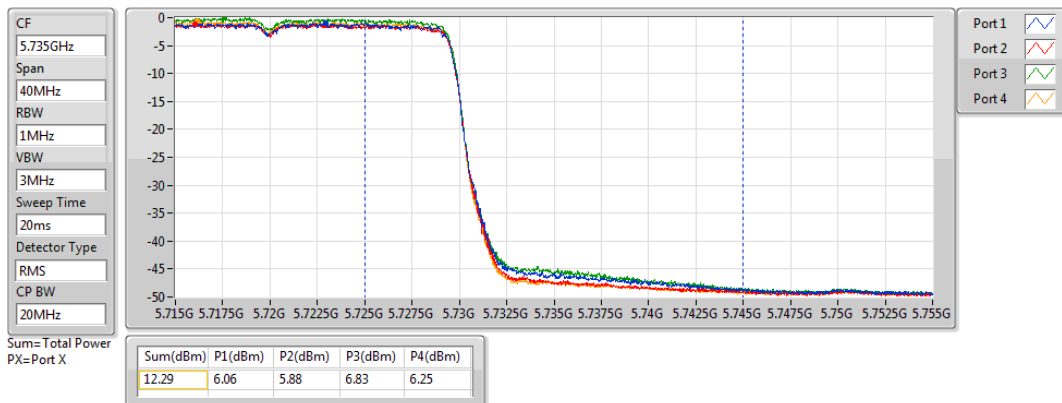


802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

13/12/2018

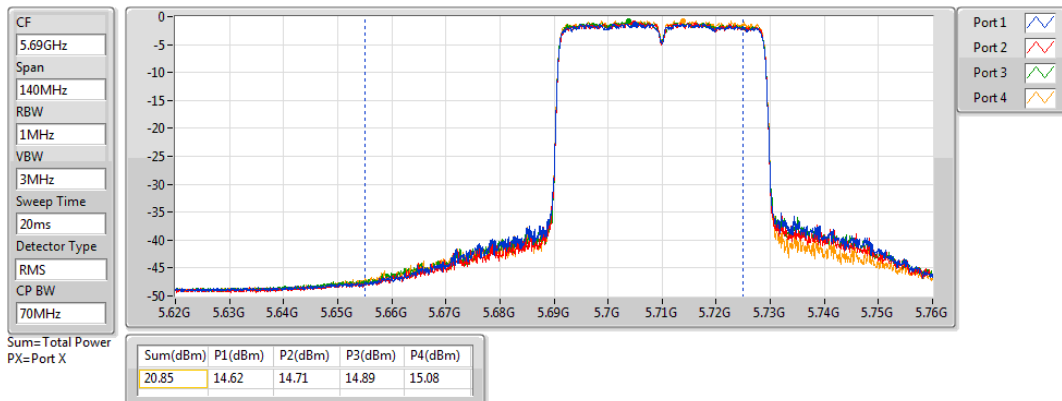


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

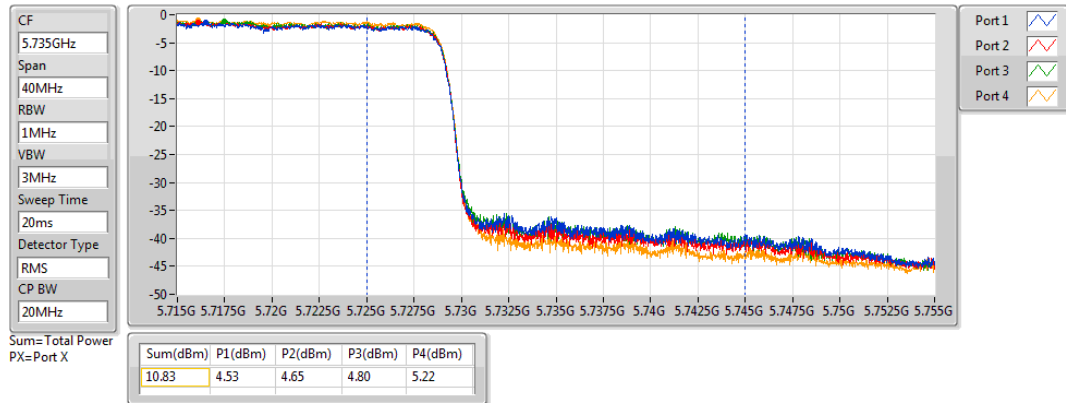
14/12/2018



802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

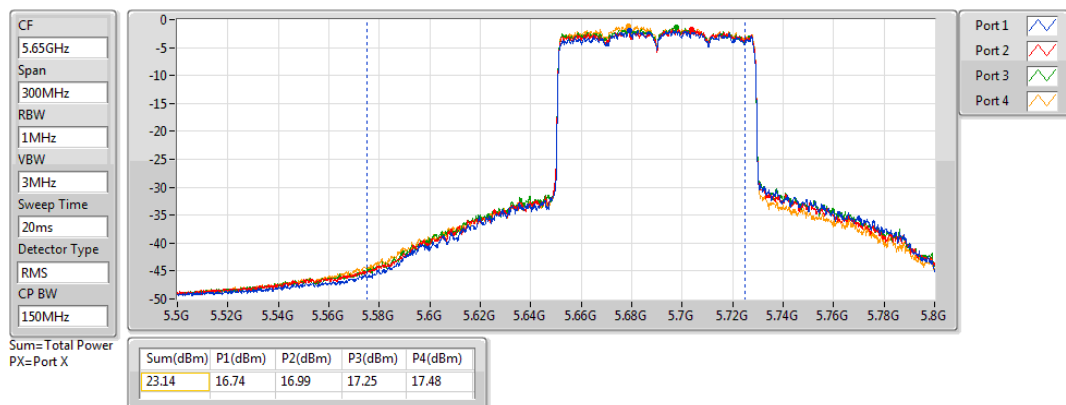
5710MHz Straddle 5.725-5.85GHz



802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

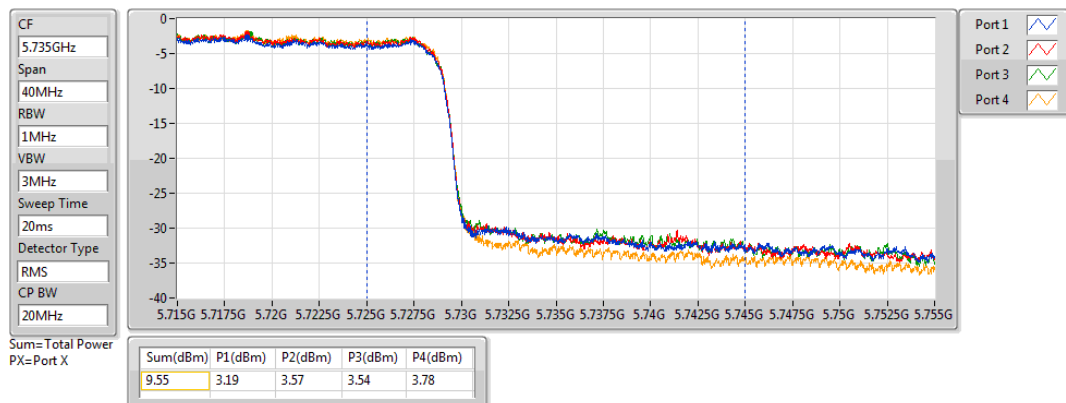
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

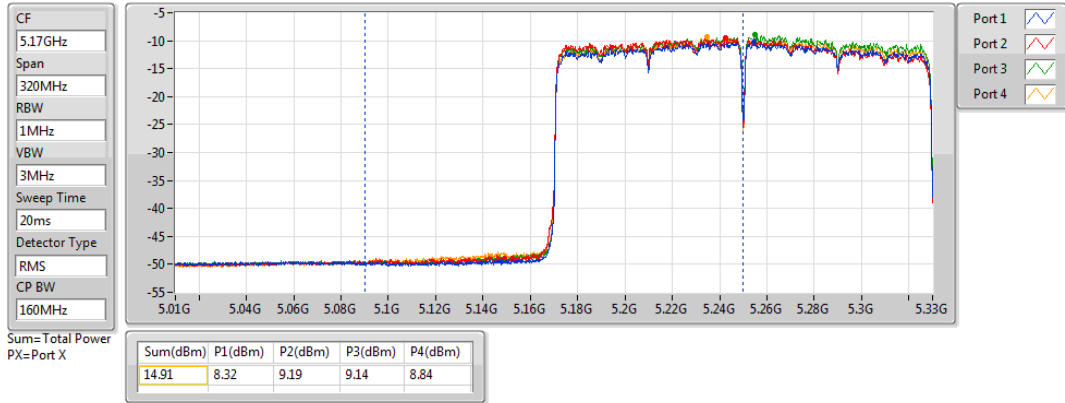
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

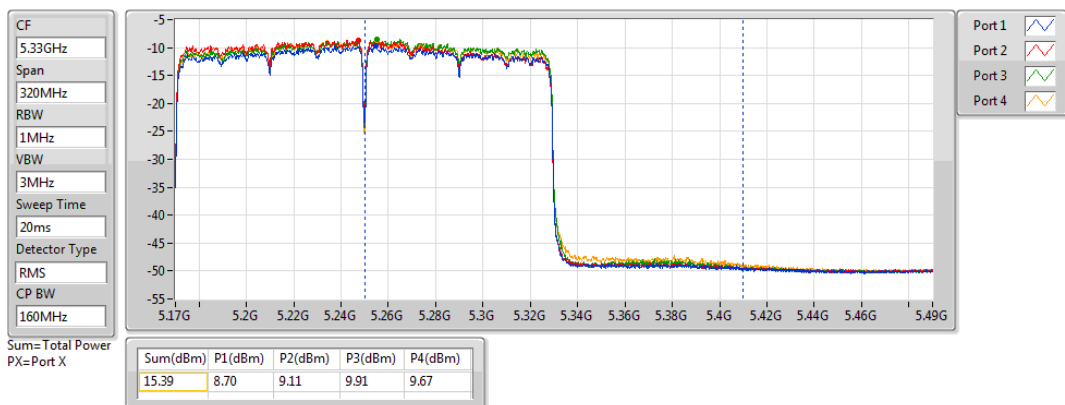
5250MHz Straddle 5.15-5.25GHz



802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	20.67	0.11668
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	20.52	0.11272
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	11.88	0.01542

Result

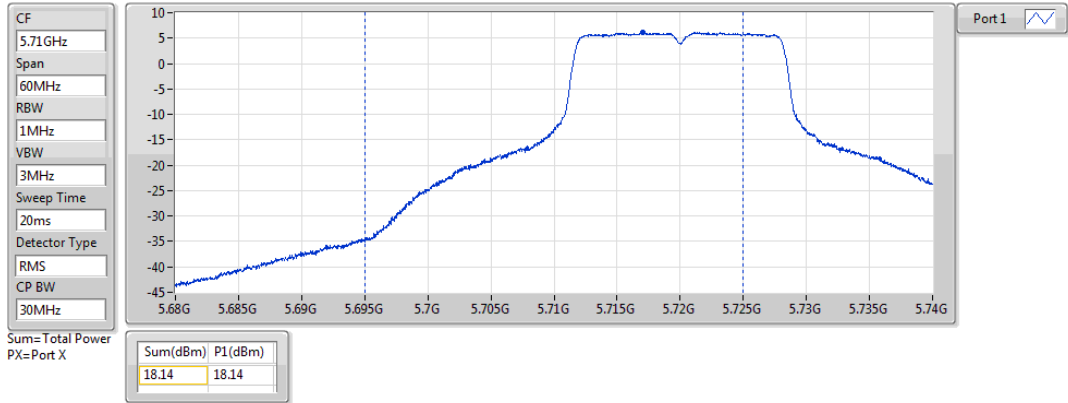
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5260MHz	Pass	4.57	18.55	18.55	23.98	18.75
5300MHz	Pass	4.57	20.67	20.67	23.98	20.75
5320MHz	Pass	4.57	19.60	19.60	23.98	19.5
5500MHz	Pass	4.57	18.75	18.75	23.98	19.75
5580MHz	Pass	4.57	20.52	20.52	23.98	22.5
5700MHz	Pass	4.57	17.33	17.33	23.98	18
5720MHz Straddle 5.47-5.725GHz	Pass	4.57	18.14	18.14	23.98	21.25
5720MHz Straddle 5.725-5.85GHz	Pass	4.57	11.88	11.88	30.00	21.25

DG = Directional Gain; Port X = Port X output power

Note: Conducted setting = Pass conducted setting division 4.

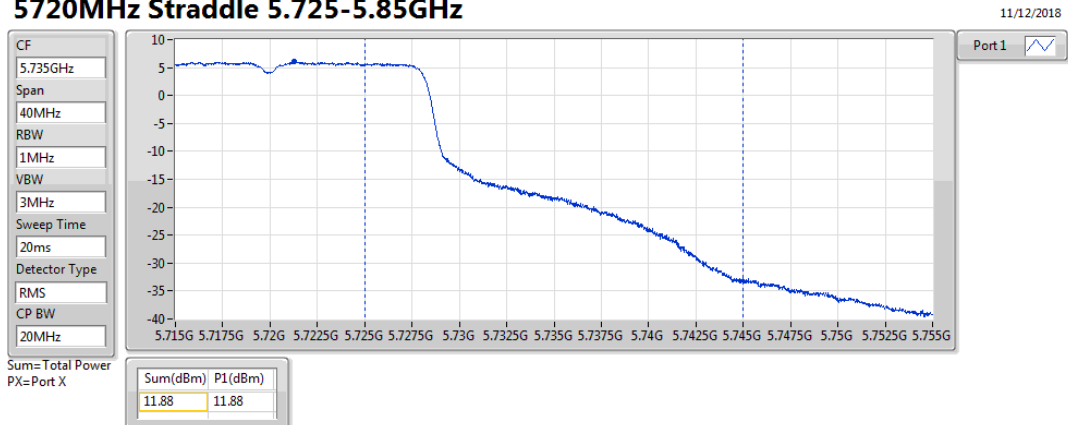
802.11a_Nss1,(6Mbps)_1TX 5720MHz Straddle 5.47-5.725GHz

AV Power



802.11a_Nss1,(6Mbps)_1TX 5720MHz Straddle 5.725-5.85GHz

AV Power



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	11.56	0.01432
5.25-5.35GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	19.60	0.09120
802.11ax HEW40_Nss1,(MCS0)_1TX	18.12	0.06486
802.11ax HEW80_Nss1,(MCS0)_1TX	15.87	0.03864
802.11ax HEW160_Nss1,(MCS0)_1TX	11.42	0.01387
5.47-5.725GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	21.08	0.12823
802.11ax HEW40_Nss1,(MCS0)_1TX	20.78	0.11967
802.11ax HEW80_Nss1,(MCS0)_1TX	19.11	0.08147
802.11ax HEW160_Nss1,(MCS0)_1TX	15.52	0.03565
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_1TX	13.07	0.02028
802.11ax HEW40_Nss1,(MCS0)_1TX	10.07	0.01016
802.11ax HEW80_Nss1,(MCS0)_1TX	6.20	0.00417



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	4.57	18.91	18.91	23.98	19.25
5300MHz	Pass	4.57	19.60	19.60	23.98	19.75
5320MHz	Pass	4.57	18.08	18.08	23.98	18.25
5500MHz	Pass	4.57	18.37	18.37	23.98	18.5
5580MHz	Pass	4.57	21.08	21.08	23.98	22.75
5700MHz	Pass	4.57	16.02	16.02	23.98	16.75
5720MHz Straddle 5.47-5.725GHz	Pass	4.57	17.91	17.91	23.98	21
5720MHz Straddle 5.725-5.85GHz	Pass	4.57	13.07	13.07	30.00	21
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	4.57	18.12	18.12	23.98	18.75
5310MHz	Pass	4.57	16.88	16.88	23.98	17.25
5510MHz	Pass	4.57	16.86	16.86	23.98	17.25
5550MHz	Pass	4.57	20.78	20.78	23.98	21.75
5670MHz	Pass	4.57	17.27	17.27	23.98	18
5710MHz Straddle 5.47-5.725GHz	Pass	4.57	19.50	19.50	23.98	21.5
5710MHz Straddle 5.725-5.85GHz	Pass	4.57	10.07	10.07	30.00	21.5
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	4.57	15.87	15.87	23.98	16.5
5530MHz	Pass	4.57	16.47	16.47	23.98	17.25
5610MHz	Pass	4.57	18.92	18.92	23.98	19.75
5690MHz Straddle 5.47-5.725GHz	Pass	4.57	19.11	19.11	23.98	21.25
5690MHz Straddle 5.725-5.85GHz	Pass	4.57	6.20	6.20	30.00	21.25
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.57	11.56	11.56	30.00	15.5
5250MHz Straddle 5.25-5.35GHz	Pass	4.57	11.42	11.42	23.98	15.5
5570MHz	Pass	4.57	15.52	15.52	23.98	15.75

DG = Directional Gain;Port X = Port X output power

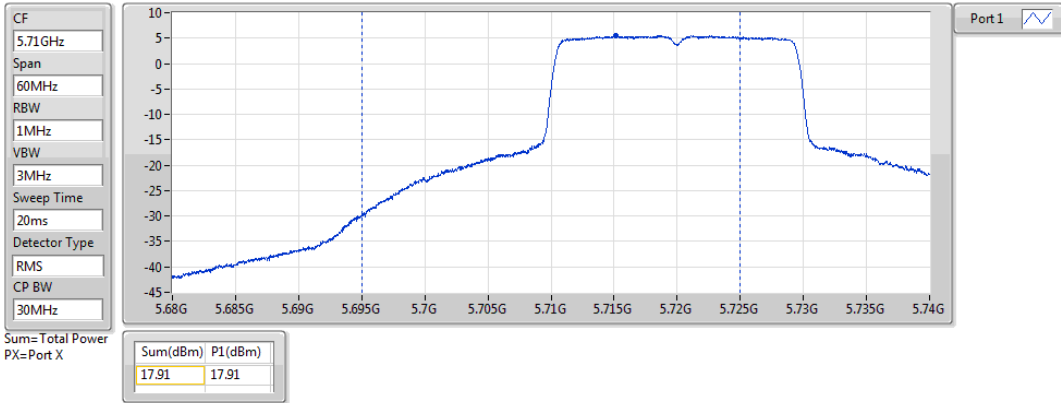
Note: Conducted setting = Pass conducted setting division 4.

802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

11/12/2018

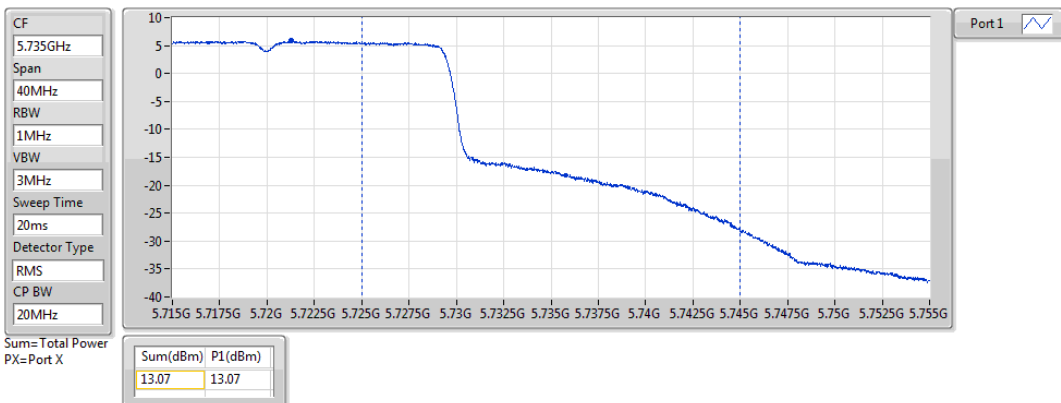


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

11/12/2018

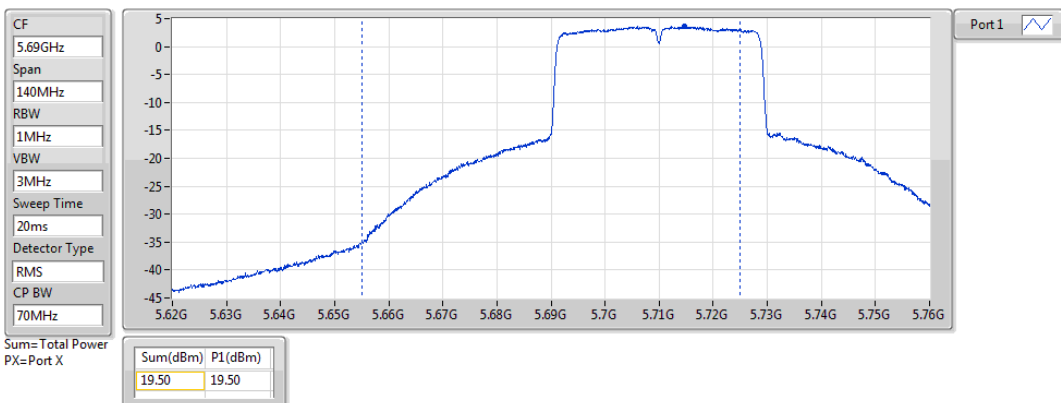


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

11/12/2018

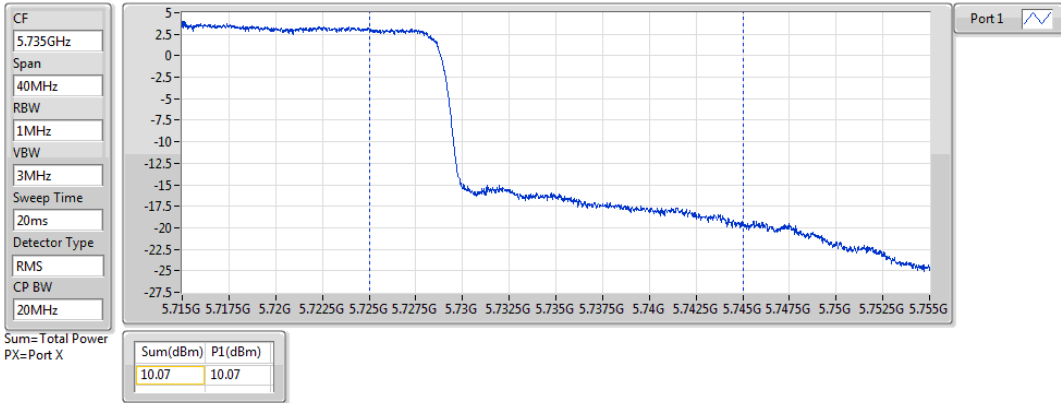


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

11/12/2018

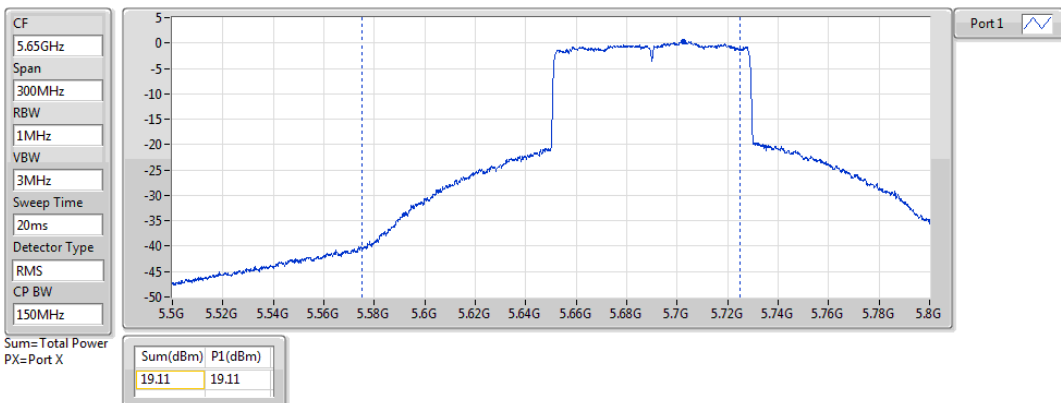


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

11/12/2018

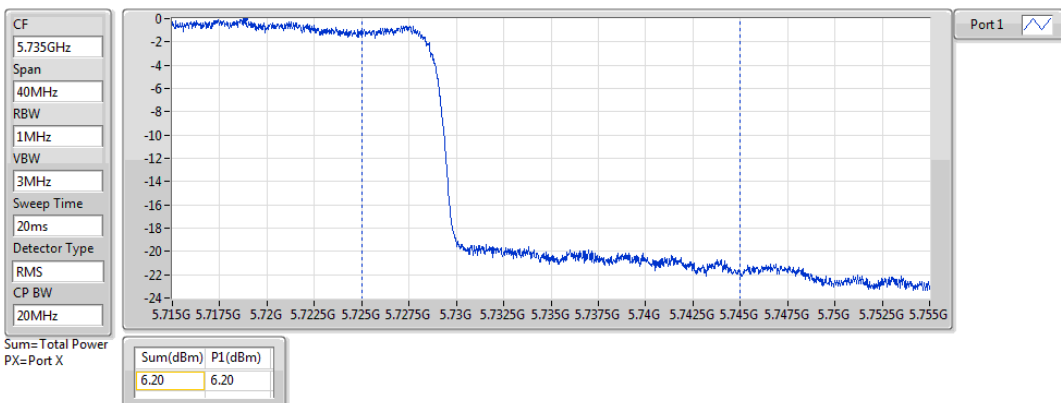


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

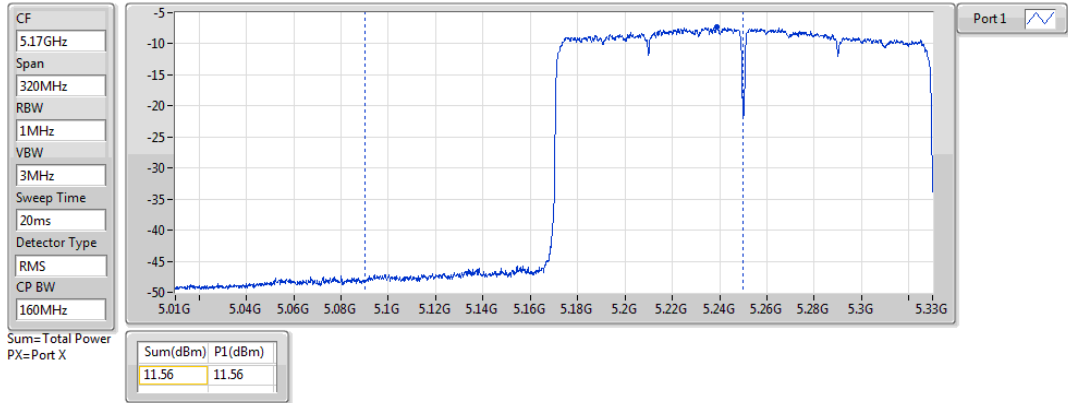
11/12/2018



802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

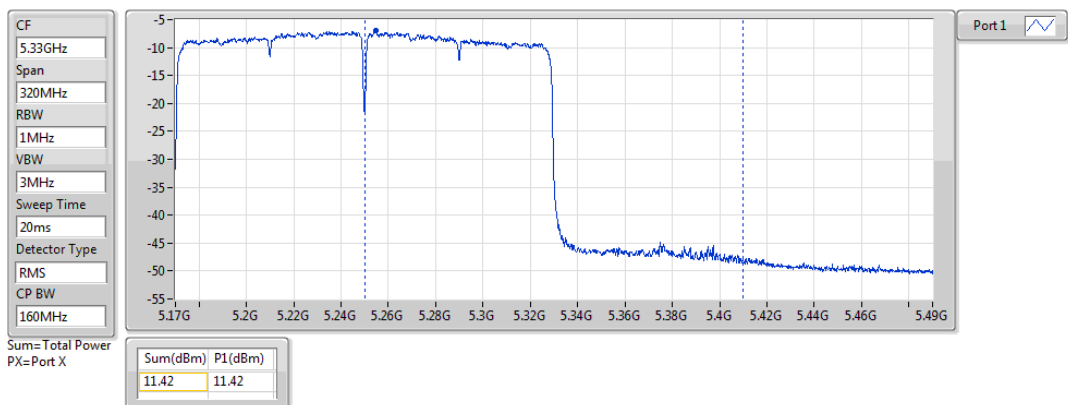
5250MHz Straddle 5.15-5.25GHz



802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	13.18	0.02080
5.25-5.35GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	22.66	0.18450
802.11ax HEW40_Nss2,(MCS0)_2TX	21.27	0.13397
802.11ax HEW80_Nss2,(MCS0)_2TX	18.10	0.06457
802.11ax HEW160_Nss2,(MCS0)_2TX	13.73	0.02360
5.47-5.725GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.76	0.23768
802.11ax HEW40_Nss2,(MCS0)_2TX	23.28	0.21281
802.11ax HEW80_Nss2,(MCS0)_2TX	22.06	0.16069
802.11ax HEW160_Nss2,(MCS0)_2TX	16.59	0.04560
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	16.21	0.04178
802.11ax HEW40_Nss2,(MCS0)_2TX	12.66	0.01845
802.11ax HEW80_Nss2,(MCS0)_2TX	8.42	0.00695



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	4.49	18.73	19.02	21.89	23.98	19.25
5300MHz	Pass	4.49	19.48	19.82	22.66	23.98	19.75
5320MHz	Pass	4.49	17.08	17.61	20.36	23.98	17.25
5500MHz	Pass	4.49	16.99	17.21	20.11	23.98	17.25
5580MHz	Pass	4.49	20.72	20.77	23.76	23.98	22
5700MHz	Pass	4.49	15.18	15.61	18.41	23.98	15.5
5720MHz Straddle 5.47-5.725GHz	Pass	4.49	17.99	18.50	21.26	23.98	20.75
5720MHz Straddle 5.725-5.85GHz	Pass	4.49	13.12	13.28	16.21	30.00	20.75
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	4.49	17.97	18.54	21.27	23.98	18.75
5310MHz	Pass	4.49	15.74	16.12	18.94	23.98	16
5510MHz	Pass	4.49	15.73	16.61	19.20	23.98	16.5
5550MHz	Pass	4.49	20.14	20.40	23.28	23.98	21.25
5670MHz	Pass	4.49	16.45	16.77	19.62	23.98	17
5710MHz Straddle 5.47-5.725GHz	Pass	4.49	19.34	19.35	22.36	23.98	21.5
5710MHz Straddle 5.725-5.85GHz	Pass	4.49	9.69	9.61	12.66	30.00	21.5
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	4.49	14.71	15.44	18.10	23.98	15.5
5530MHz	Pass	4.49	14.95	15.62	18.31	23.98	15.5
5610MHz	Pass	4.49	18.15	18.24	21.21	23.98	18.75
5690MHz Straddle 5.47-5.725GHz	Pass	4.49	18.80	19.28	22.06	23.98	20.5
5690MHz Straddle 5.725-5.85GHz	Pass	4.49	5.41	5.40	8.42	30.00	20.5
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.49	9.91	10.41	13.18	30.00	14.5
5250MHz Straddle 5.25-5.35GHz	Pass	4.49	10.17	11.20	13.73	23.98	14.5
5570MHz	Pass	4.49	13.10	14.01	16.59	23.98	14

DG = Directional Gain;Port X = Port X output power

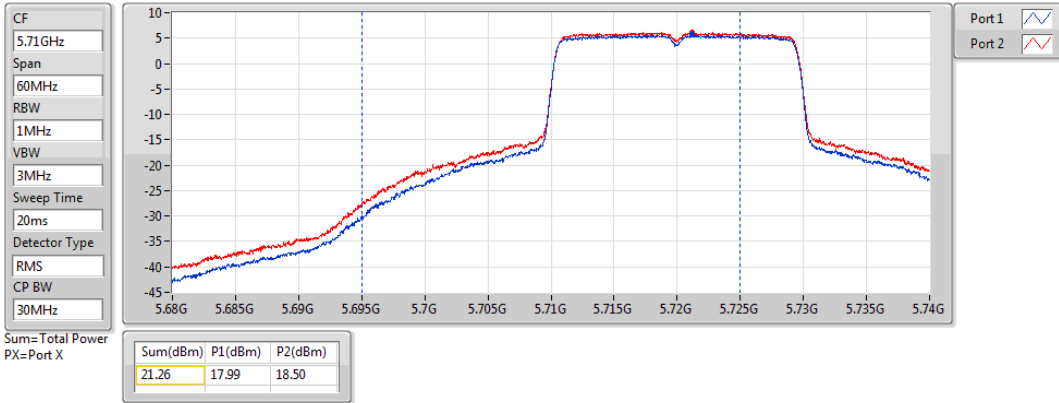
Note: Conducted setting = Pass conducted setting division 4.

802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

11/12/2018

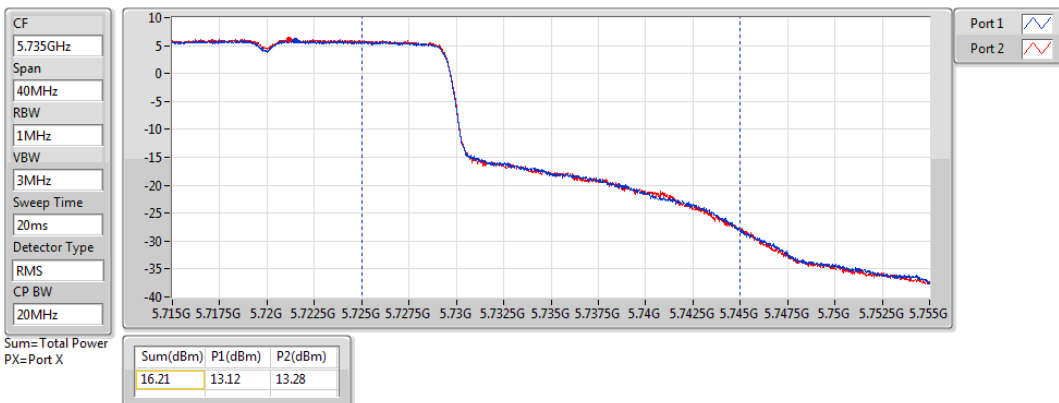


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

11/12/2018

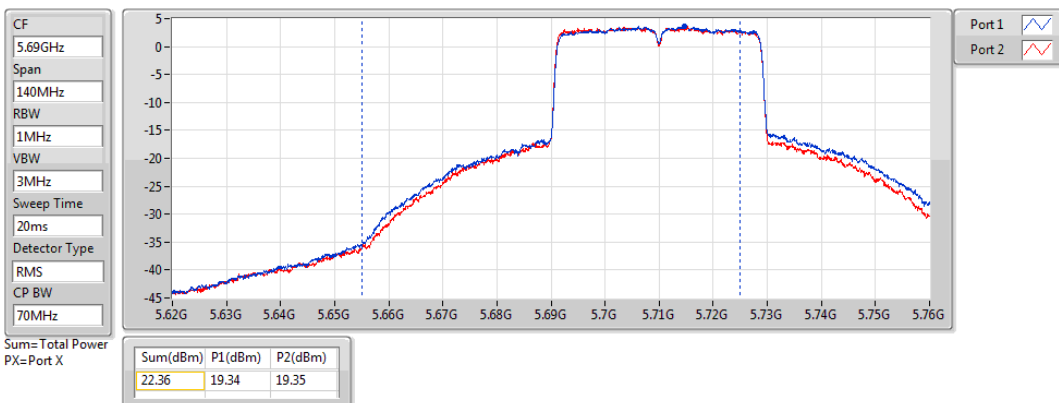


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

11/12/2018

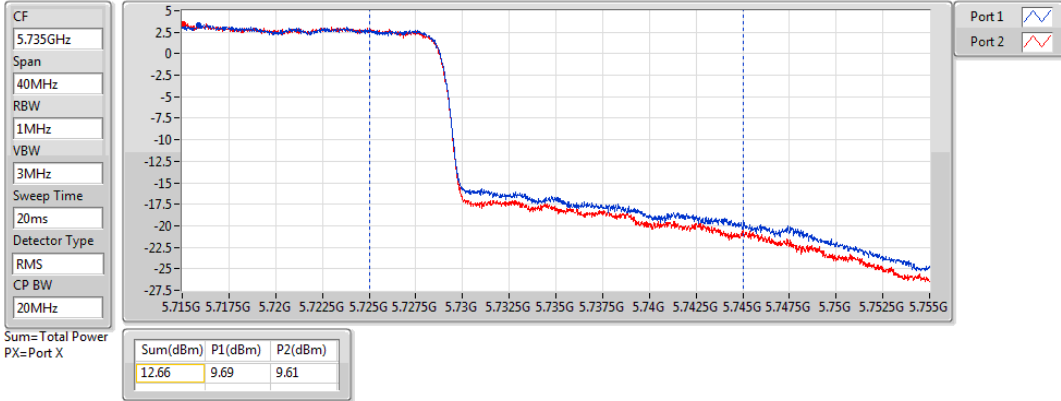


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

11/12/2018

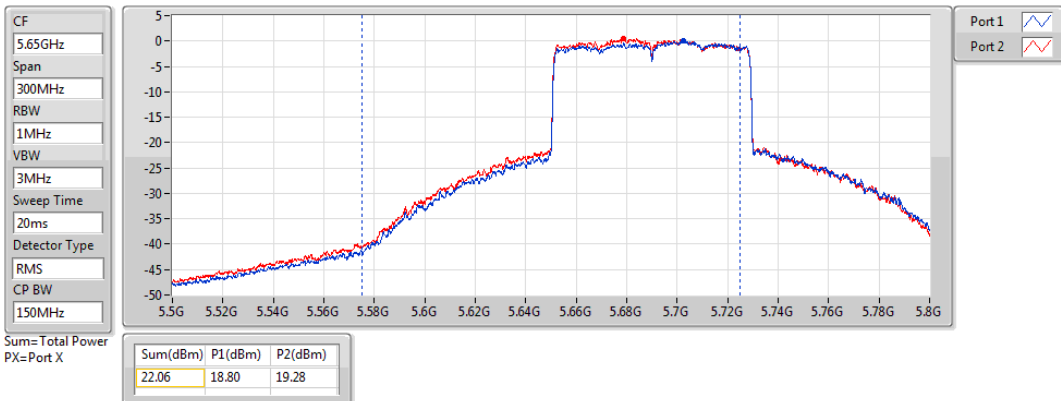


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

11/12/2018

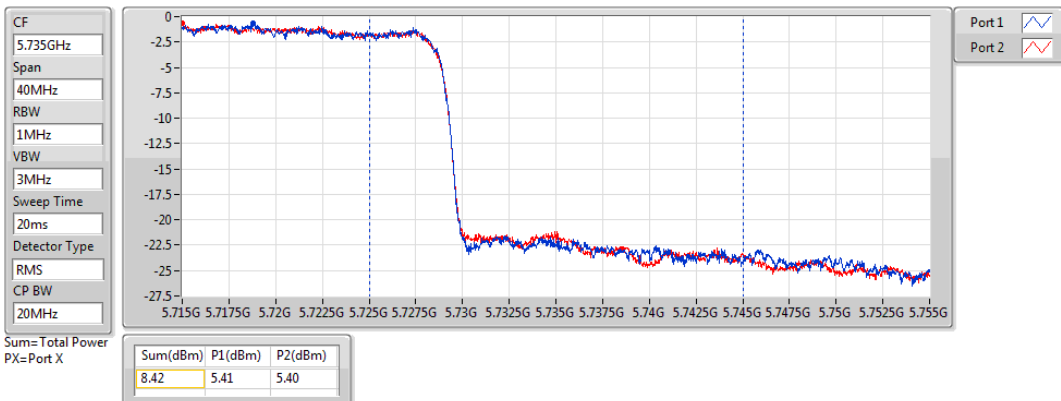


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

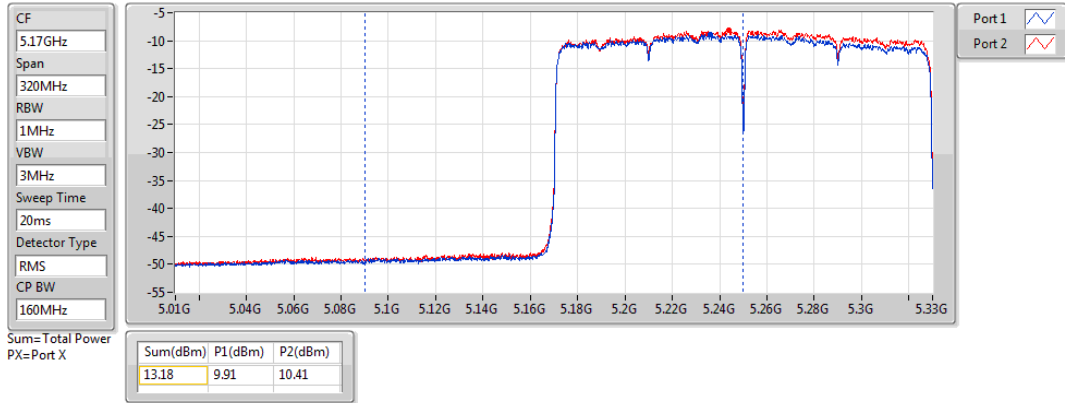
11/12/2018



802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

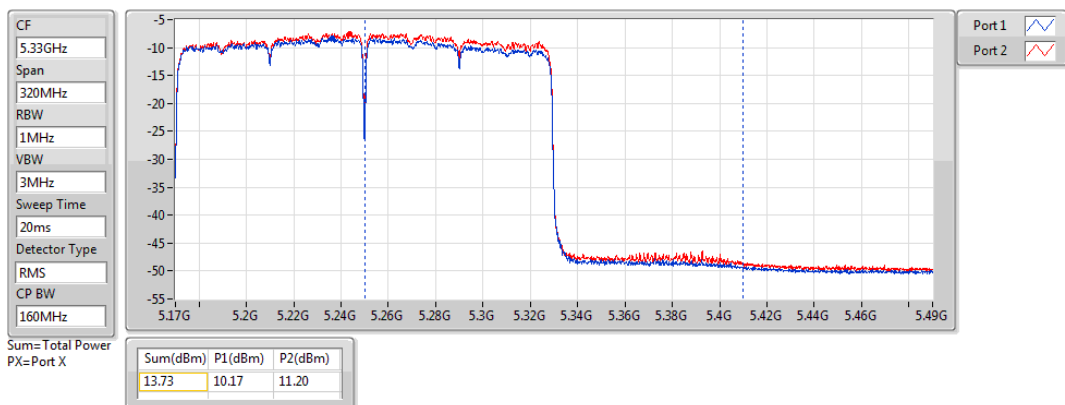
5250MHz Straddle 5.15-5.25GHz



802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	19.35	0.08610
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	19.40	0.08710
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	11.90	0.01549

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.18	12.63	13.46	13.29	13.05	19.14	23.98	13.75
5300MHz	Pass	5.18	12.66	13.67	13.99	12.80	19.34	23.98	13.75
5320MHz	Pass	5.18	13.17	13.56	13.62	12.94	19.35	23.98	13.75
5500MHz	Pass	5.18	12.17	13.27	13.41	13.61	19.17	23.98	14
5580MHz	Pass	5.18	12.48	13.29	13.50	13.62	19.27	23.98	14.25
5700MHz	Pass	5.18	12.84	13.71	13.33	13.57	19.40	23.98	14.25
5720MHz Straddle 5.47-5.725GHz	Pass	5.18	11.36	12.15	12.46	12.36	18.12	22.93	13.75
5720MHz Straddle 5.725-5.85GHz	Pass	5.18	5.05	5.89	6.32	6.14	11.90	30.00	13.75

DG = Directional Gain; Port X = Port X output power

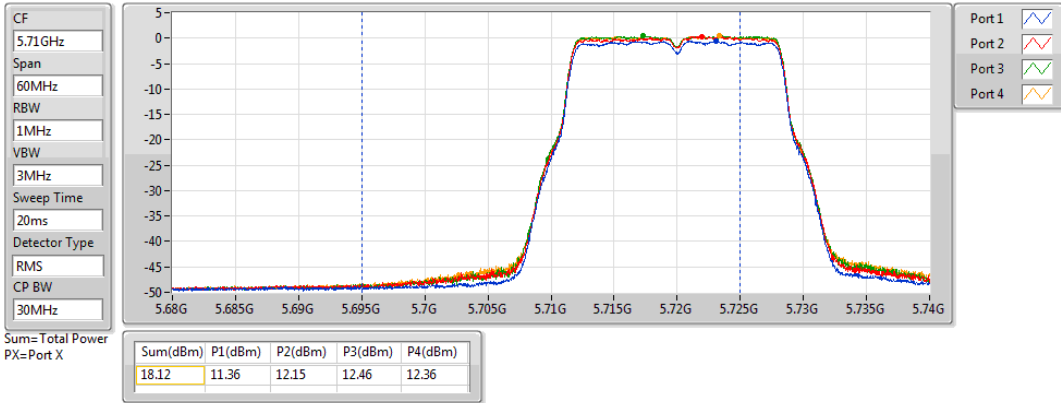
Note : Conducted setting = Pass conducted setting division 4.

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

08/12/2018

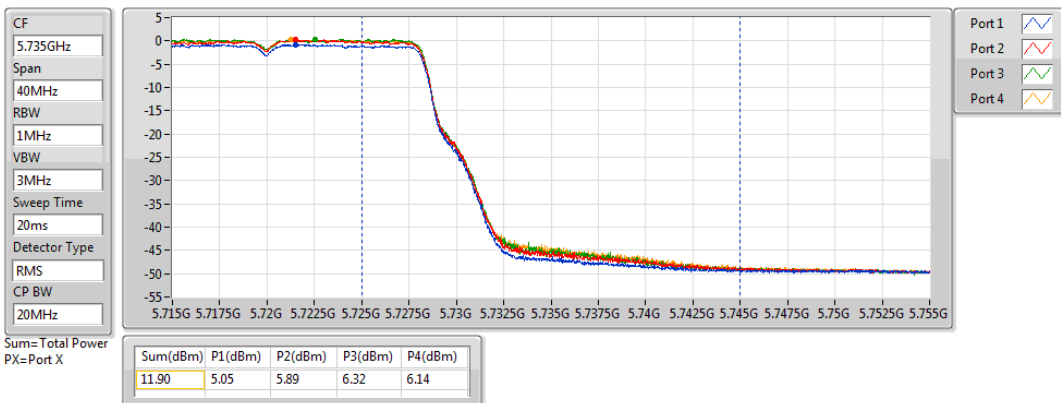


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

08/12/2018



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	15.72	0.03733
5.25-5.35GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	20.18	0.10423
802.11ax HEW40_Nss1,(MCS0)_4TX	22.50	0.17783
802.11ax HEW80_Nss1,(MCS0)_4TX	19.42	0.08750
802.11ax HEW160_Nss1,(MCS0)_4TX	15.61	0.03639
5.47-5.725GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	20.17	0.10399
802.11ax HEW40_Nss1,(MCS0)_4TX	22.65	0.18408
802.11ax HEW80_Nss1,(MCS0)_4TX	23.84	0.24210
802.11ax HEW160_Nss1,(MCS0)_4TX	19.43	0.08770
5.725-5.85GHz	-	-
802.11ax HEW20_Nss1,(MCS0)_4TX	13.29	0.02133
802.11ax HEW40_Nss1,(MCS0)_4TX	12.24	0.01675
802.11ax HEW80_Nss1,(MCS0)_4TX	10.13	0.01030

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	5.18	13.75	14.08	14.07	14.27	20.07	23.98	14.5
5300MHz	Pass	5.18	13.96	14.08	14.56	13.79	20.13	23.98	14.5
5320MHz	Pass	5.18	13.90	14.40	14.46	13.86	20.18	23.98	14.5
5500MHz	Pass	5.18	13.65	14.05	14.12	14.49	20.11	23.98	14.5
5580MHz	Pass	5.18	13.82	13.93	14.53	14.28	20.17	23.98	14.75
5700MHz	Pass	5.18	12.65	13.14	13.08	12.72	18.92	23.98	13.25
5720MHz Straddle 5.47-5.725GHz	Pass	5.18	12.30	13.00	12.80	12.81	18.76	22.97	14.5
5720MHz Straddle 5.725-5.85GHz	Pass	5.18	6.85	7.60	7.22	7.37	13.29	30.00	14.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	5.18	16.08	16.38	16.59	16.82	22.50	23.98	17
5310MHz	Pass	5.18	14.05	14.44	14.39	14.49	20.37	23.98	14.5
5510MHz	Pass	5.18	14.02	14.09	14.61	14.45	20.32	23.98	15
5550MHz	Pass	5.18	16.44	16.54	16.71	16.82	22.65	23.98	17.25
5670MHz	Pass	5.18	14.90	14.75	15.23	14.68	20.92	23.98	15.5
5710MHz Straddle 5.47-5.725GHz	Pass	5.18	16.32	16.35	16.75	16.44	22.49	23.98	17.25
5710MHz Straddle 5.725-5.85GHz	Pass	5.18	6.55	5.89	5.94	6.47	12.24	30.00	17.25
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	5.18	13.13	13.42	13.49	13.54	19.42	23.98	14
5530MHz	Pass	5.18	13.76	14.18	14.01	13.85	19.97	23.98	14.5
5610MHz	Pass	5.18	15.43	15.50	15.95	15.74	21.68	23.98	16.25
5690MHz Straddle 5.47-5.725GHz	Pass	5.18	17.82	17.86	17.64	17.97	23.84	23.98	19
5690MHz Straddle 5.725-5.85GHz	Pass	5.18	4.45	3.97	3.65	4.33	10.13	30.00	19
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.18	9.53	9.70	9.63	9.92	15.72	30.00	13.25
5250MHz Straddle 5.25-5.35GHz	Pass	5.18	9.14	9.74	9.77	9.67	15.61	23.98	13.25
5570MHz	Pass	5.18	13.16	13.51	13.24	13.72	19.43	23.98	13.5

DG = Directional Gain;Port X = Port X output power

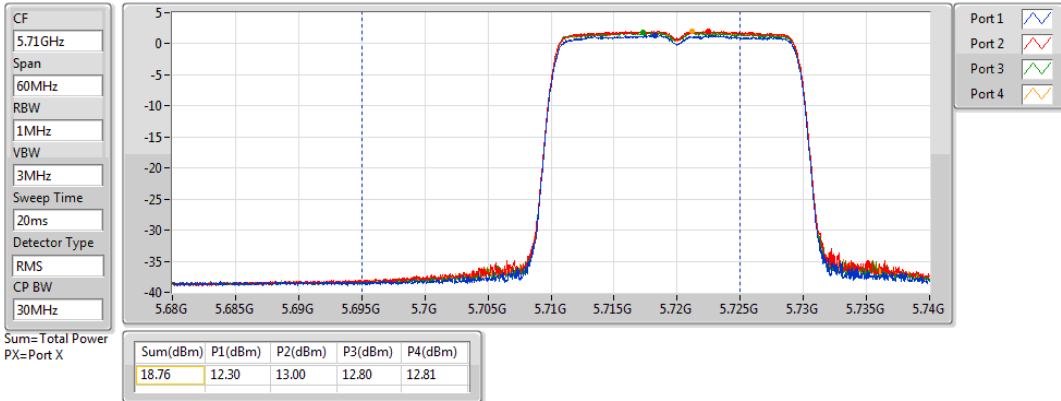
Note : Conducted setting = Pass conducted setting division 4.

802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

08/12/2018

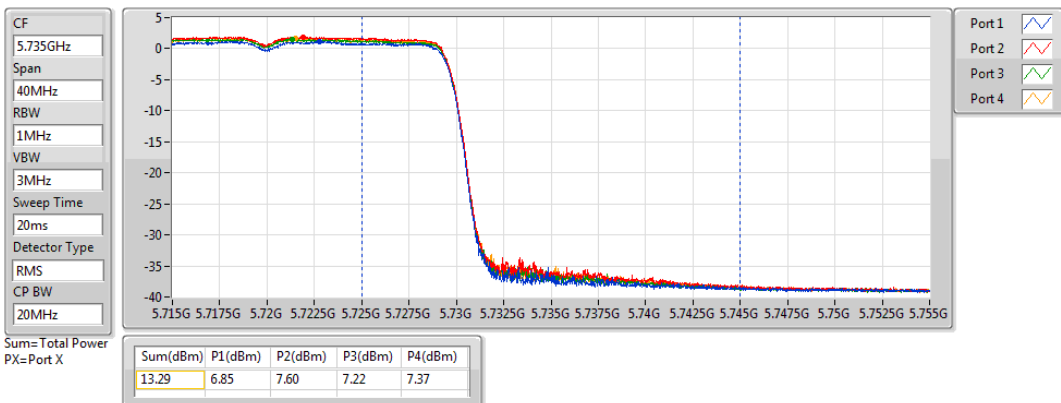


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

08/12/2018

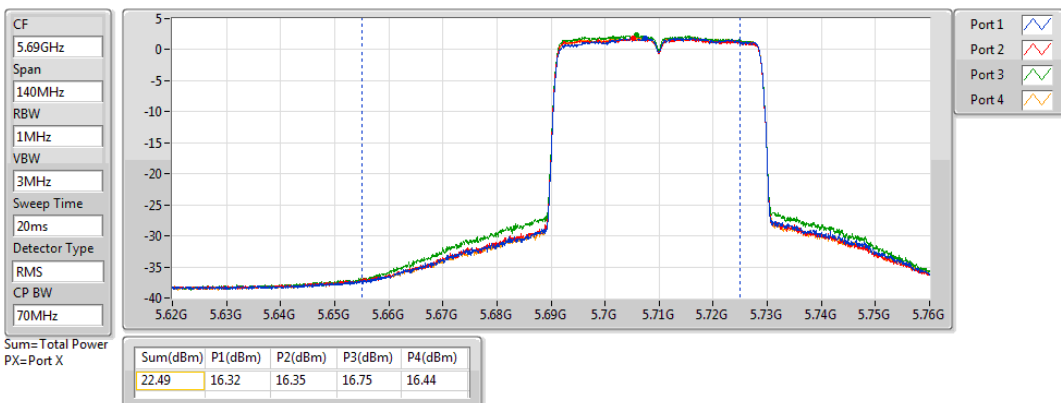


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

08/12/2018

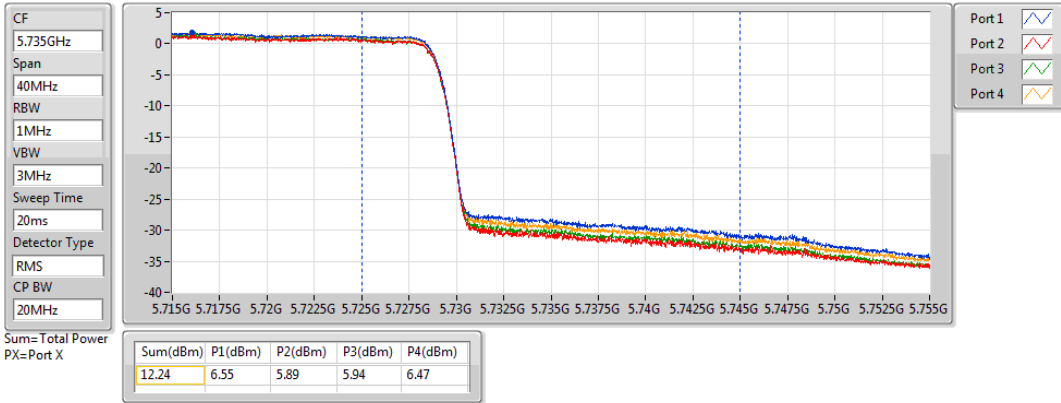


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

08/12/2018

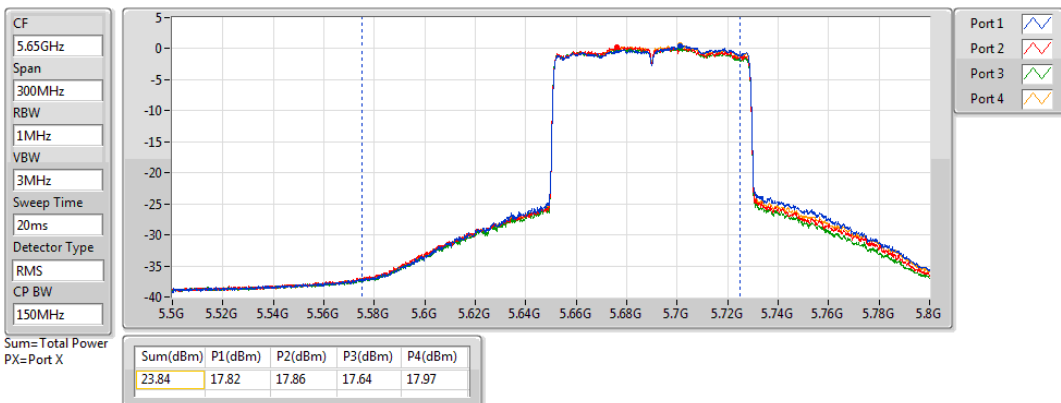


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

08/12/2018

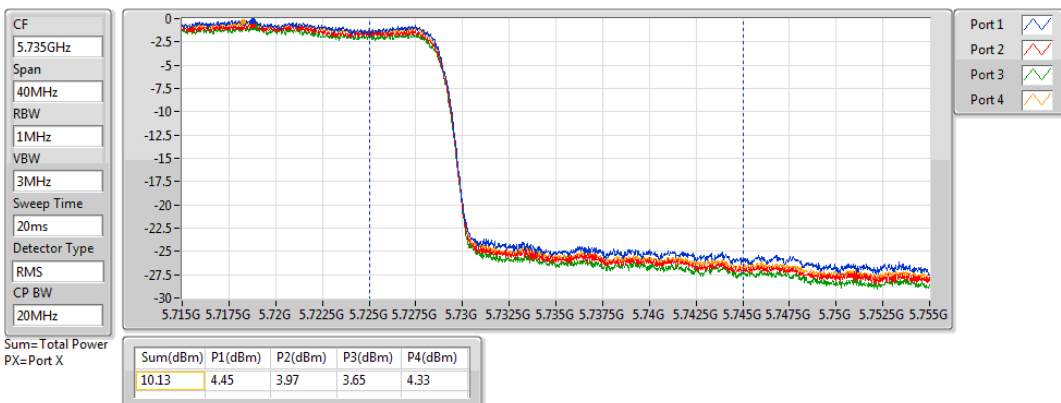


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

08/12/2018

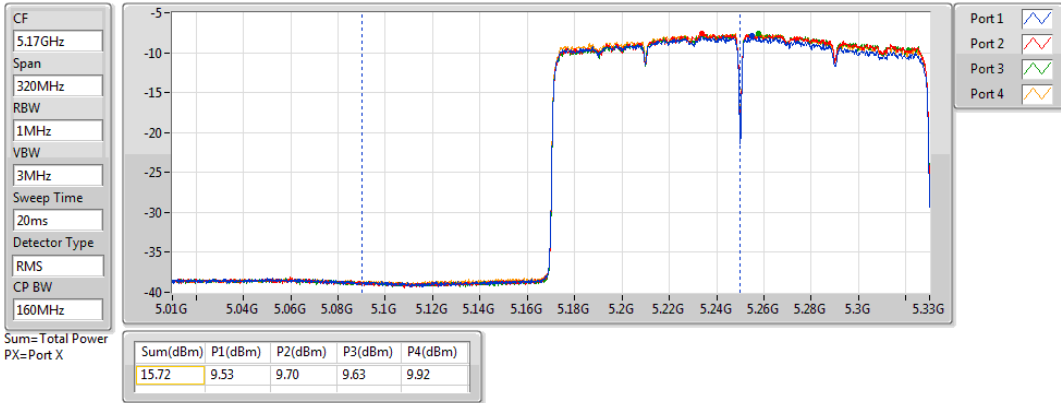


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

08/12/2018

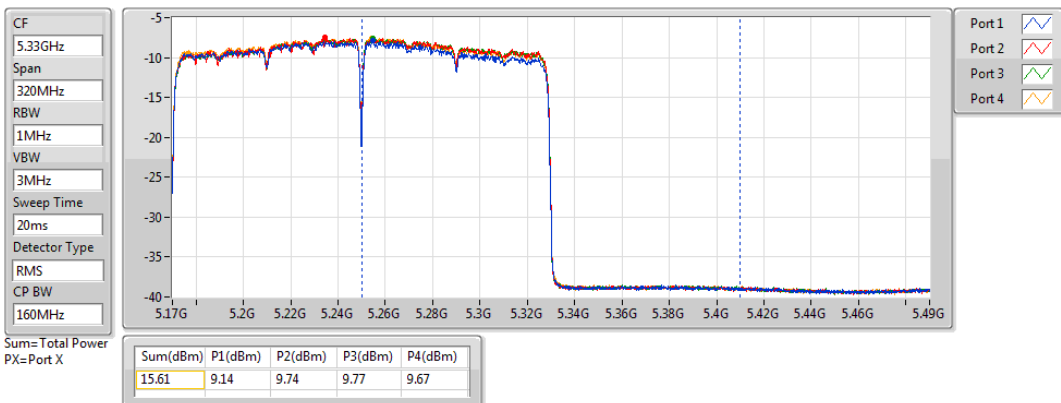


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

08/12/2018



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	15.02	0.03177
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.15	0.08222
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	19.07	0.08072
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	19.14	0.08204
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	14.95	0.03126
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.12	0.08166
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	19.11	0.08147
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	19.08	0.08091
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	18.93	0.07816
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.49	0.01774
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.70	0.00741
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	5.25	0.00335

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	10.81	12.99	13.13	13.20	13.20	19.15	19.17	13.5
5300MHz	Pass	10.81	12.92	13.39	13.10	13.00	19.13	19.17	13.25
5320MHz	Pass	10.81	12.50	13.38	13.11	12.77	18.97	19.17	13
5500MHz	Pass	10.81	12.50	13.26	12.92	13.29	19.02	19.17	13.25
5580MHz	Pass	10.81	12.50	13.02	13.47	13.35	19.12	19.17	13.5
5700MHz	Pass	10.81	12.65	13.14	13.08	12.72	18.92	19.17	13.25
5720MHz Straddle 5.47-5.725GHz	Pass	10.81	11.54	12.13	12.05	12.33	18.04	18.15	13.75
5720MHz Straddle 5.725-5.85GHz	Pass	10.81	5.92	6.65	6.38	6.88	12.49	25.19	13.75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	10.81	12.49	13.19	12.70	13.31	18.96	19.17	13.25
5310MHz	Pass	10.81	12.53	13.33	12.91	13.38	19.07	19.17	13.25
5510MHz	Pass	10.81	11.67	12.66	12.32	12.57	18.34	19.17	12.75
5550MHz	Pass	10.81	12.79	12.91	13.03	13.50	19.09	19.17	13.5
5670MHz	Pass	10.81	12.92	13.19	13.17	13.09	19.11	19.17	13.5
5710MHz Straddle 5.47-5.725GHz	Pass	10.81	12.52	13.02	13.21	12.98	18.96	19.17	13.75
5710MHz Straddle 5.725-5.85GHz	Pass	10.81	2.45	2.77	2.70	2.78	8.70	25.19	13.75
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	10.81	12.85	13.37	12.79	13.42	19.14	19.17	13.5
5530MHz	Pass	10.81	12.34	13.39	13.18	13.25	19.08	19.17	13.5
5610MHz	Pass	10.81	12.55	12.96	13.37	13.20	19.05	19.17	13.5
5690MHz Straddle 5.47-5.725GHz	Pass	10.81	12.63	12.96	13.23	12.89	18.95	19.17	14.25
5690MHz Straddle 5.725-5.85GHz	Pass	10.81	-0.84	-0.90	-0.79	-0.57	5.25	25.19	14.25
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.81	8.91	9.19	8.79	9.11	15.02	25.19	12.75
5250MHz Straddle 5.25-5.35GHz	Pass	10.81	8.56	9.26	8.95	8.93	14.95	19.17	12.75
5570MHz	Pass	10.81	12.50	13.37	12.55	13.14	18.93	19.17	13

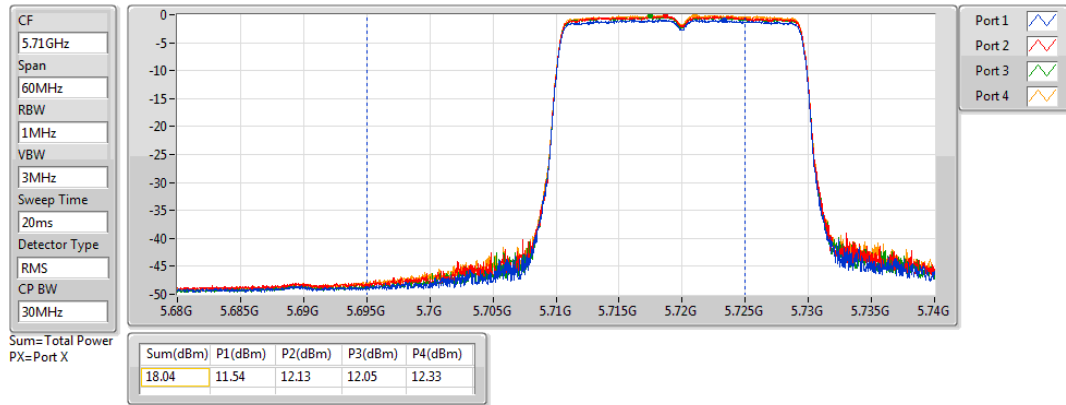
DG = Directional Gain;Port X = Port X output power

Note : Conducted setting = Pass conducted setting division 4.

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

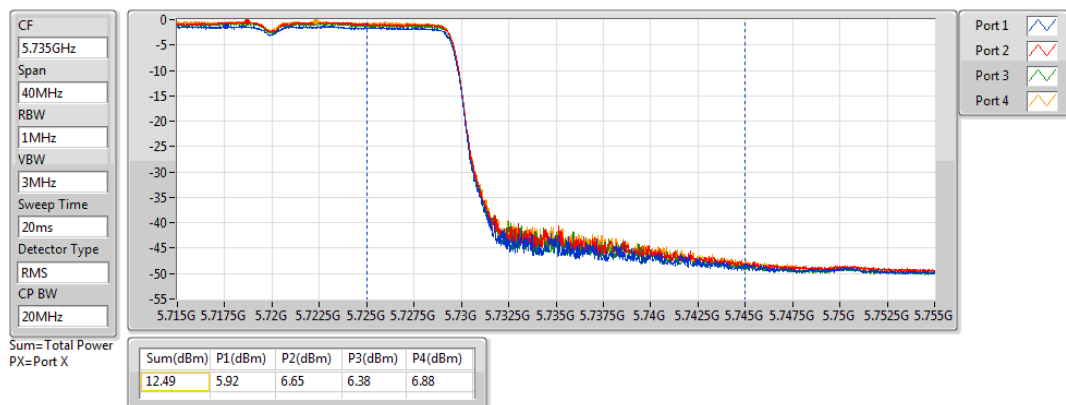
5720MHz Straddle 5.47-5.725GHz



802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

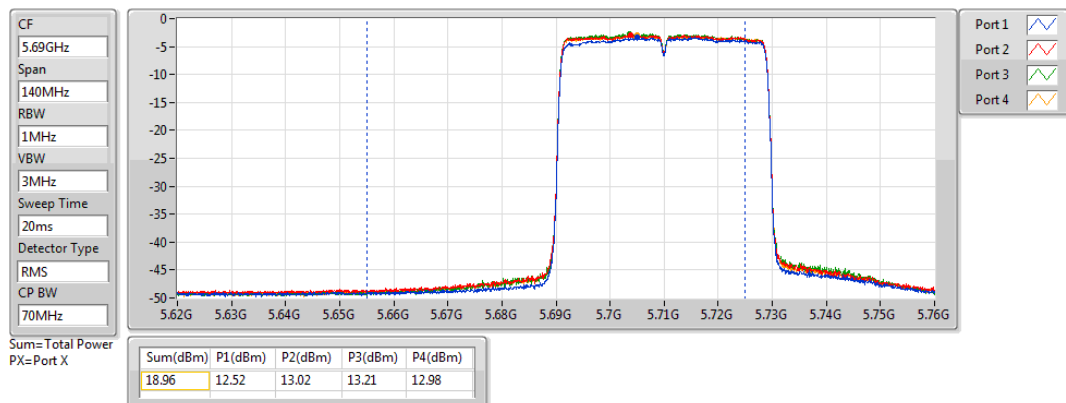
5720MHz Straddle 5.725-5.85GHz



802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

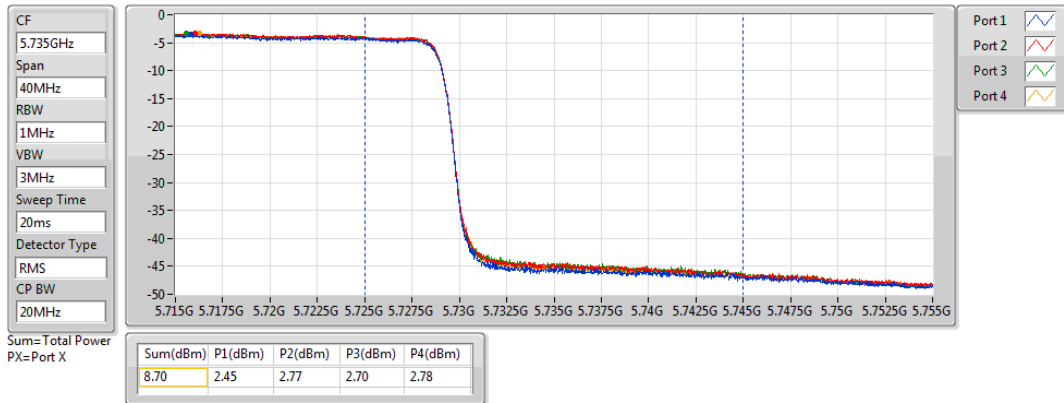
5710MHz Straddle 5.47-5.725GHz



802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

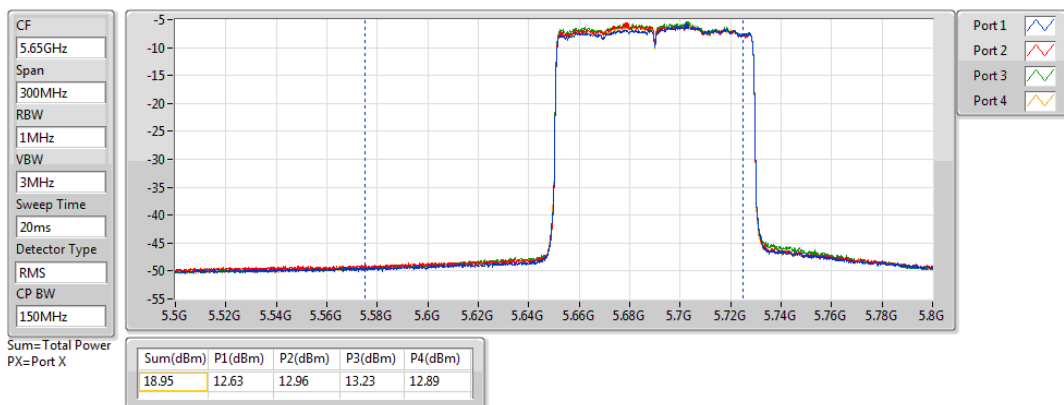
5710MHz Straddle 5.725-5.85GHz



802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

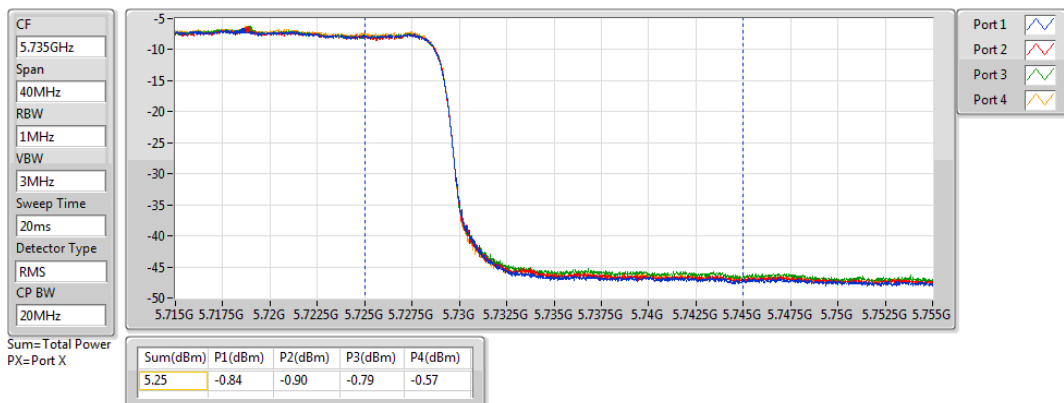
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

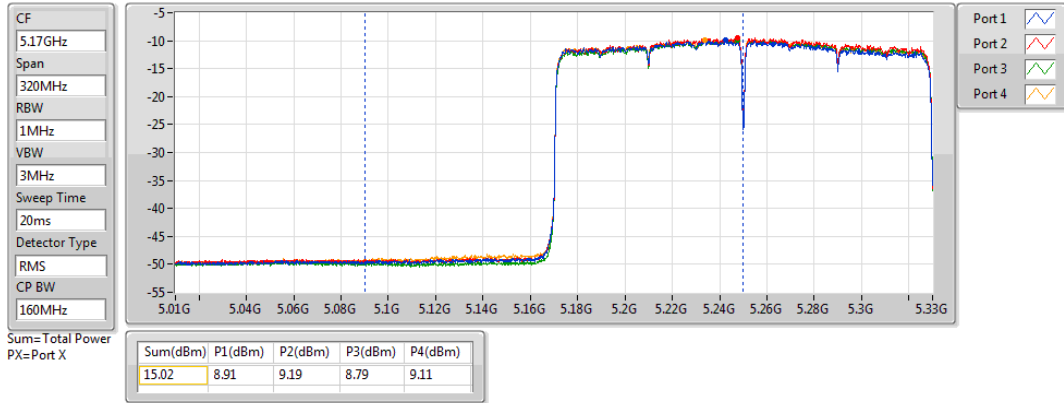
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

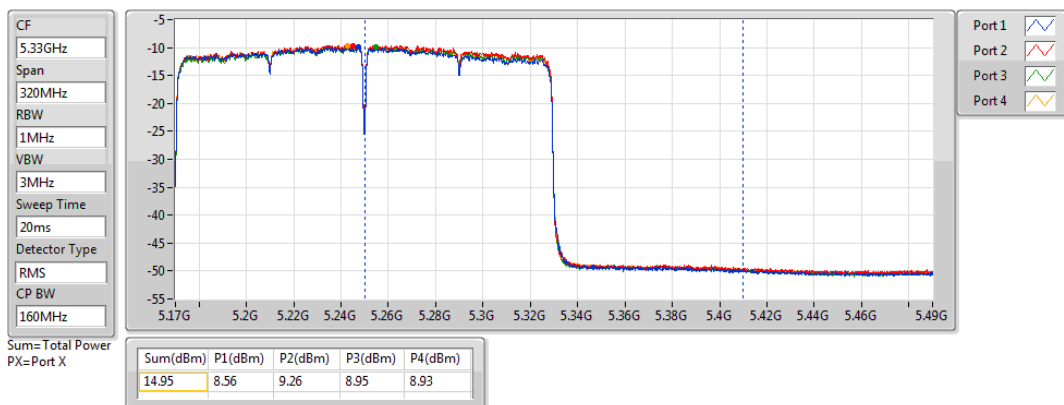
5250MHz Straddle 5.15-5.25GHz



802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	15.58	0.03614
5.25-5.35GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	23.96	0.24889
802.11ax HEW40_Nss4,(MCS0)_4TX	23.83	0.24155
802.11ax HEW80_Nss4,(MCS0)_4TX	20.33	0.10789
802.11ax HEW160_Nss4,(MCS0)_4TX	15.48	0.03532
5.47-5.725GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	23.96	0.24889
802.11ax HEW40_Nss4,(MCS0)_4TX	23.81	0.24044
802.11ax HEW80_Nss4,(MCS0)_4TX	23.88	0.24434
802.11ax HEW160_Nss4,(MCS0)_4TX	19.03	0.07998
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	18.02	0.06339
802.11ax HEW40_Nss4,(MCS0)_4TX	13.84	0.02421
802.11ax HEW80_Nss4,(MCS0)_4TX	10.56	0.01138

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	4.79	17.79	17.56	17.76	18.04	23.81	23.98	18
5300MHz	Pass	4.79	17.97	17.52	18.39	17.82	23.96	23.98	18
5320MHz	Pass	4.79	16.33	16.16	16.55	16.28	22.35	23.98	16.5
5500MHz	Pass	4.79	16.43	16.33	16.90	17.03	22.70	23.98	17
5580MHz	Pass	4.79	17.77	17.52	18.04	18.38	23.96	23.98	18.5
5700MHz	Pass	4.79	14.78	14.41	14.80	14.76	20.71	23.98	15
5720MHz Straddle 5.47-5.725GHz	Pass	4.79	17.06	17.22	17.07	17.66	23.28	23.85	19.25
5720MHz Straddle 5.725-5.85GHz	Pass	4.79	11.84	11.91	11.76	12.46	18.02	30.00	19.25
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	4.79	17.54	17.43	17.93	18.29	23.83	23.98	18
5310MHz	Pass	4.79	14.31	14.65	14.56	14.58	20.55	23.98	14.75
5510MHz	Pass	4.79	14.08	14.15	14.32	14.77	20.36	23.98	15
5550MHz	Pass	4.79	17.51	17.65	17.87	18.11	23.81	23.98	18.25
5670MHz	Pass	4.79	15.16	15.48	15.47	15.72	21.48	23.98	16
5710MHz Straddle 5.47-5.725GHz	Pass	4.79	17.91	17.36	17.79	17.92	23.77	23.98	19
5710MHz Straddle 5.725-5.85GHz	Pass	4.79	7.94	7.58	7.53	8.19	13.84	30.00	19
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	4.79	14.05	14.32	14.16	14.67	20.33	23.98	14.75
5530MHz	Pass	4.79	14.27	14.83	14.66	14.56	20.61	23.98	15
5610MHz	Pass	4.79	17.35	17.17	17.52	17.62	23.44	23.98	17.5
5690MHz Straddle 5.47-5.725GHz	Pass	4.79	17.75	17.50	17.96	18.19	23.88	23.98	19
5690MHz Straddle 5.725-5.85GHz	Pass	4.79	4.74	3.95	4.45	4.97	10.56	30.00	19
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.79	9.57	9.38	9.40	9.88	15.58	30.00	13
5250MHz Straddle 5.25-5.35GHz	Pass	4.79	9.22	9.43	9.57	9.62	15.48	23.98	13
5570MHz	Pass	4.79	12.85	13.04	12.78	13.36	19.03	23.98	13

DG = Directional Gain;Port X = Port X output power

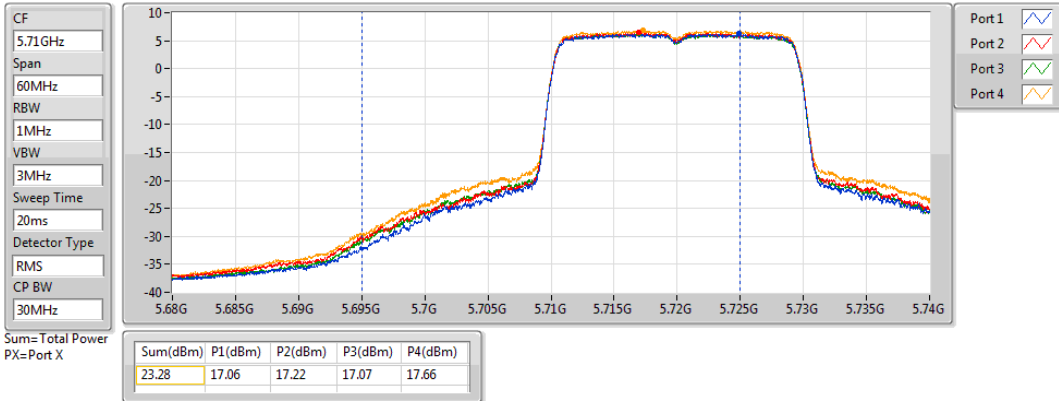
Note : Conducted setting = Pass conducted setting division 4.

802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

08/12/2018

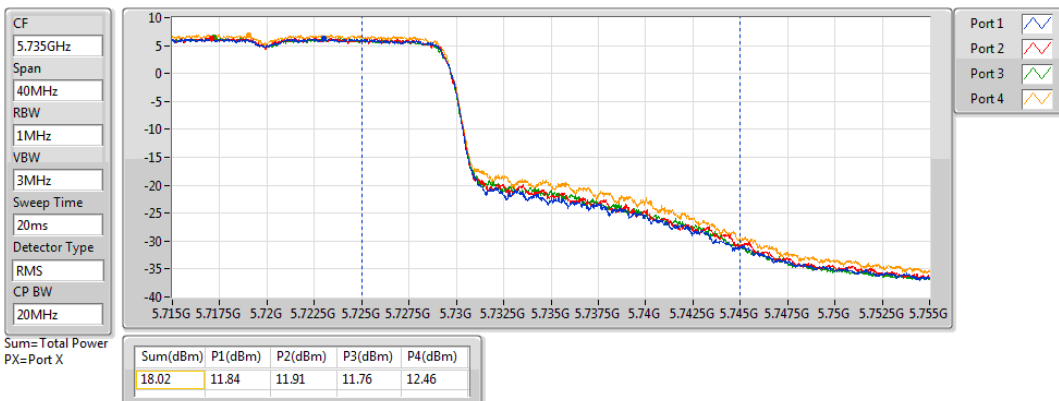


802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

08/12/2018

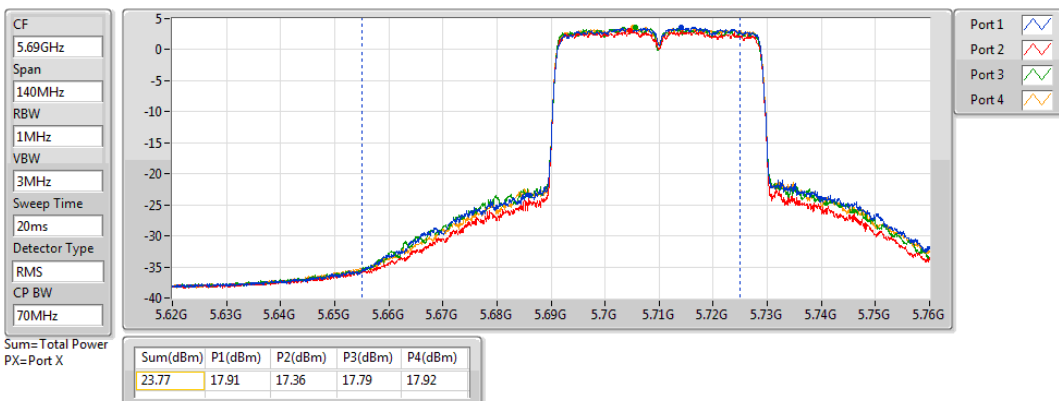


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

08/12/2018

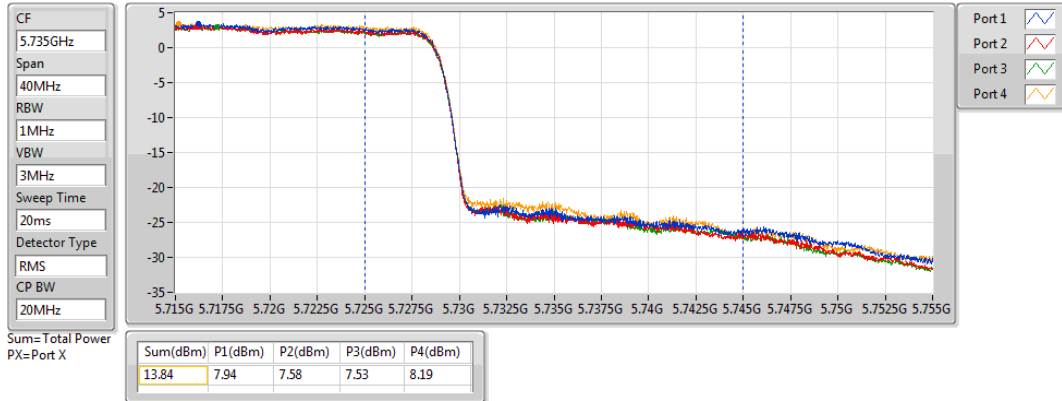


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

08/12/2018

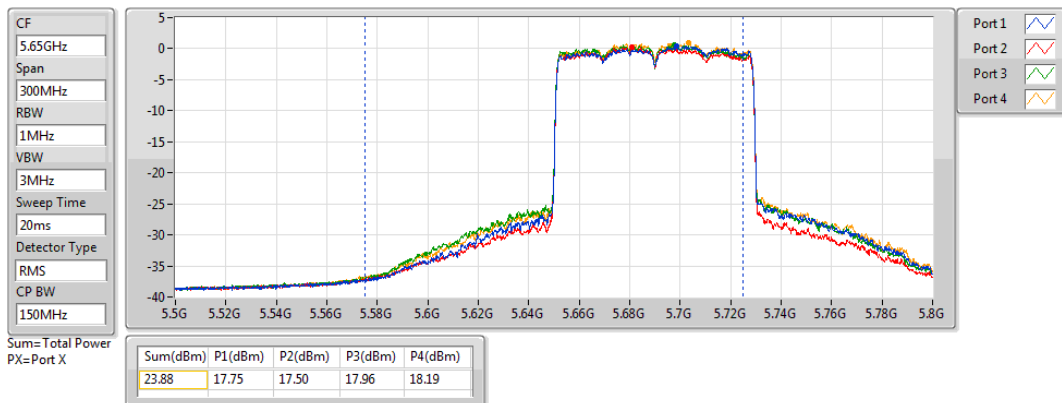


802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

08/12/2018

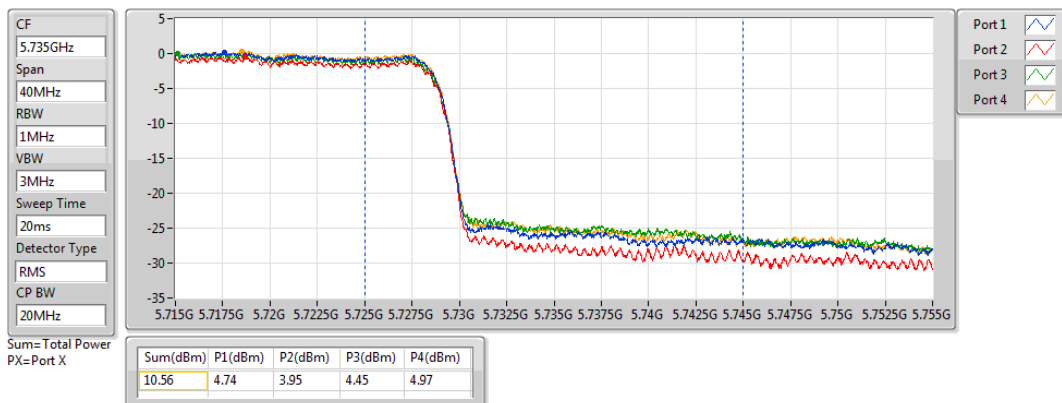


802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

08/12/2018

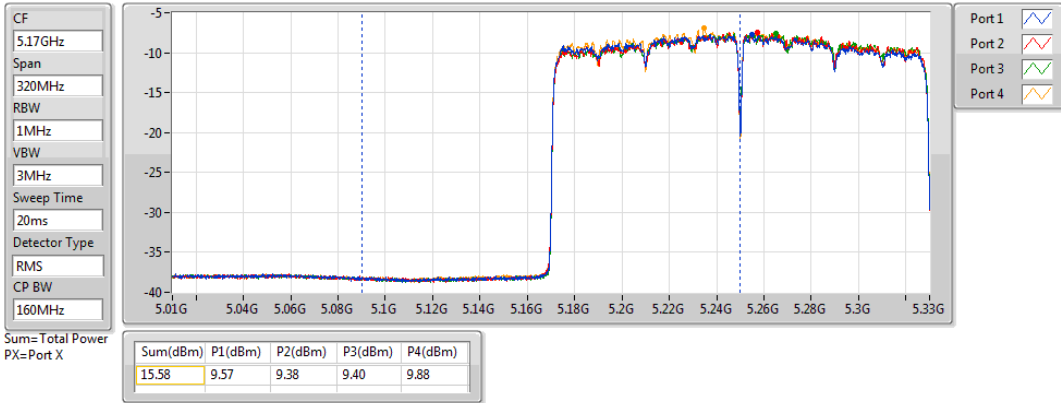


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

08/12/2018

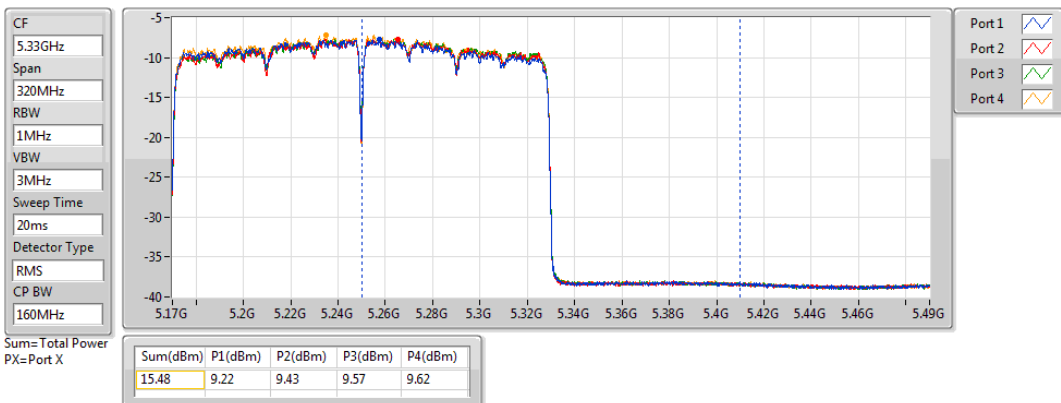


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

08/12/2018



Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.02
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	4.71
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	-0.06

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	5.89	6.02	6.02	11.00
5300MHz	Pass	5.89	5.17	5.17	11.00
5320MHz	Pass	5.89	5.59	5.59	11.00
5500MHz	Pass	5.89	4.71	4.71	11.00
5580MHz	Pass	5.89	2.05	2.05	11.00
5700MHz	Pass	5.89	1.96	1.96	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.89	1.60	1.60	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.89	-0.06	-0.06	30.00

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

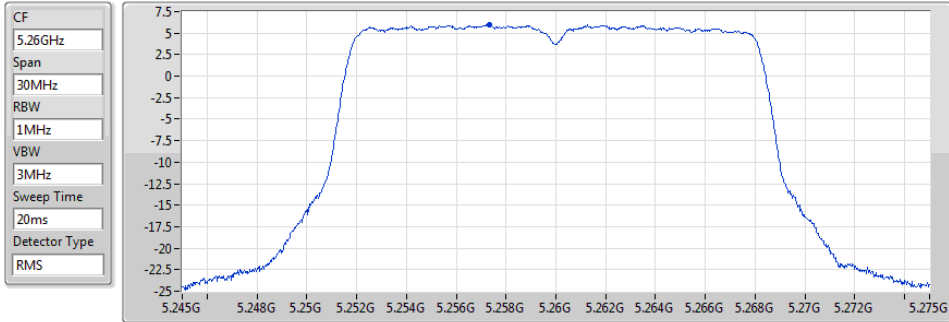
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

13/12/2018



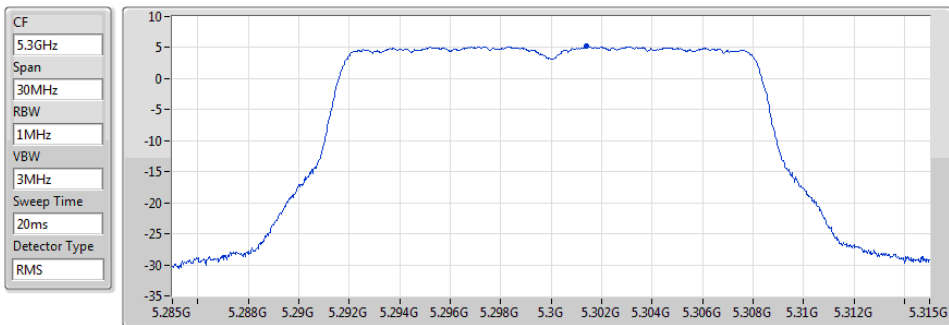
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.02	6.02	6.02

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

13/12/2018



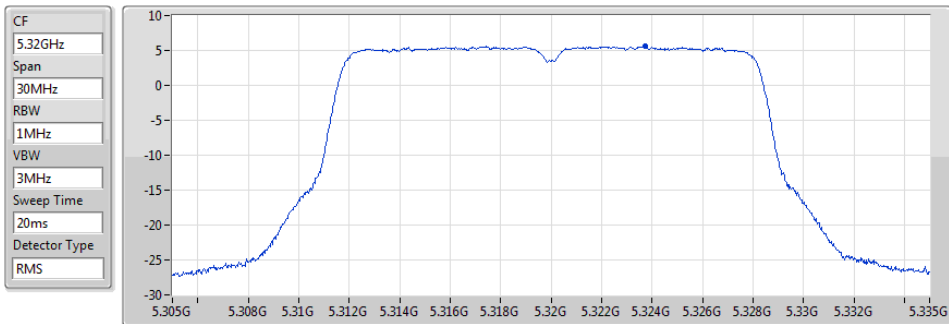
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.17	5.17	5.17

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

13/12/2018



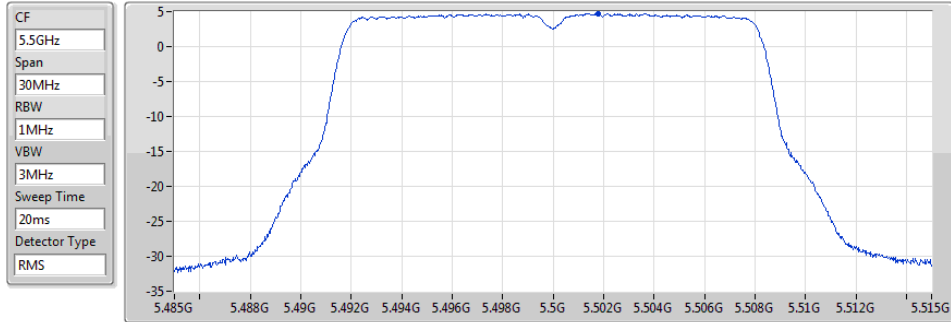
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.59	5.59	5.59

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

13/12/2018



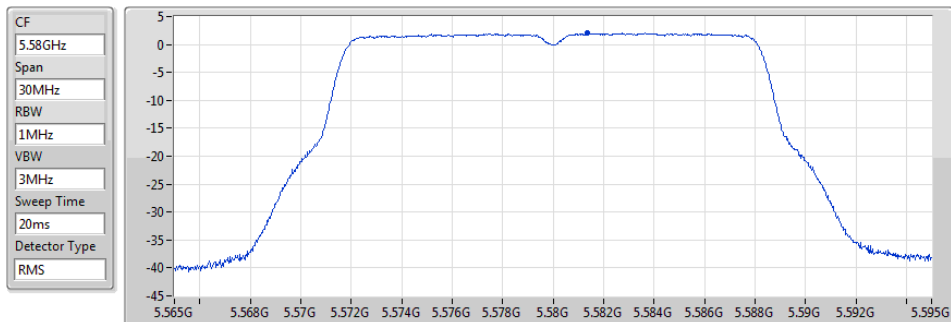
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.71	4.71	4.71

802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

13/12/2018



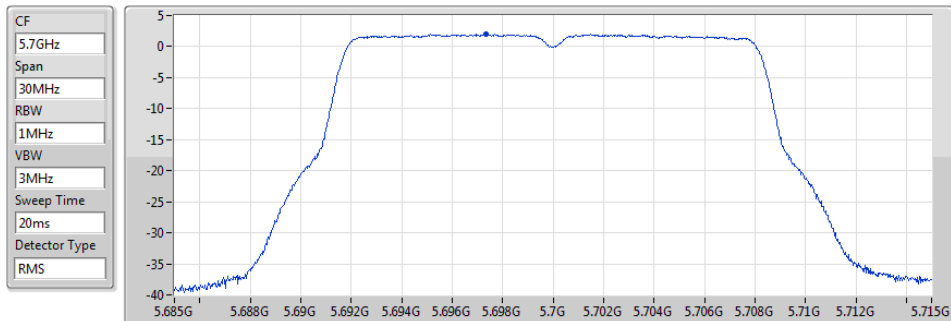
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.05	2.05	2.05

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

13/12/2018

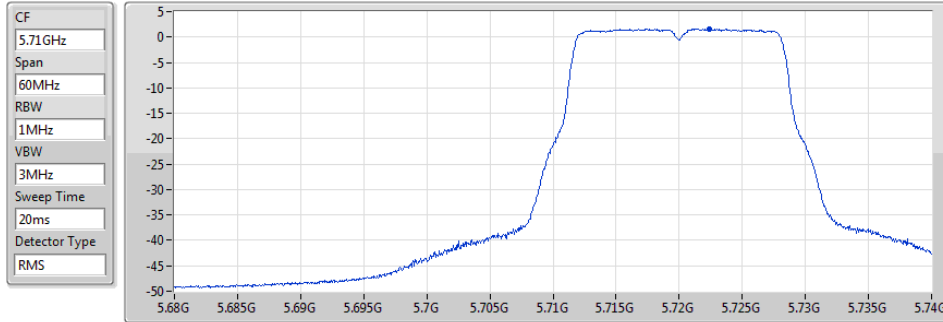


Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.96	1.96	1.96

802.11a_Nss1,(6Mbps)_1TX
5720MHz Straddle 5.47-5.725GHz

PSD

13/12/2018

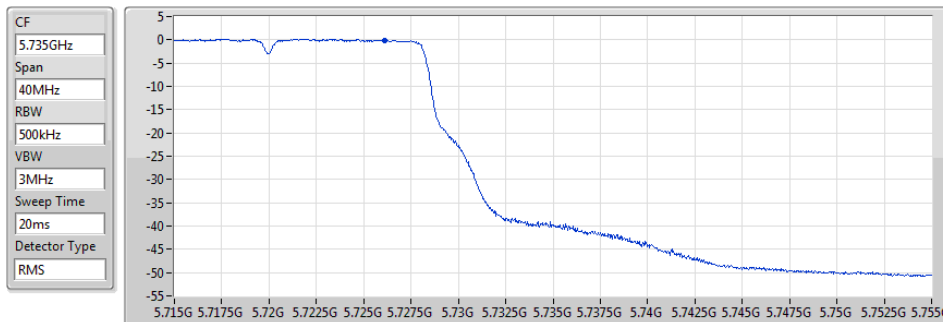


Sum (dBm/100kHz)	PD (dBm/100kHz)	Port 1 (dBm/100kHz)
1.60	1.60	1.60

802.11a_Nss1,(6Mbps)_1TX
5720MHz Straddle 5.725-5.85GHz

PSD

13/12/2018



Sum (dBm/100kHz)	PD (dBm/100kHz)	Port 1 (dBm/100kHz)
-0.06	-0.06	-0.06

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_1TX	-8.38
5.25-5.35GHz	-
802.11ax HEW20_Nss1,(MCS0)_1TX	6.36
802.11ax HEW40_Nss1,(MCS0)_1TX	3.40
802.11ax HEW80_Nss1,(MCS0)_1TX	-4.29
802.11ax HEW160_Nss1,(MCS0)_1TX	-7.69
5.47-5.725GHz	-
802.11ax HEW20_Nss1,(MCS0)_1TX	4.14
802.11ax HEW40_Nss1,(MCS0)_1TX	0.67
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.06
802.11ax HEW160_Nss1,(MCS0)_1TX	-7.82
5.725-5.85GHz	-
802.11ax HEW20_Nss1,(MCS0)_1TX	-2.47
802.11ax HEW40_Nss1,(MCS0)_1TX	-2.83
802.11ax HEW80_Nss1,(MCS0)_1TX	-4.20

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	5.89	6.36	6.36	11.00
5300MHz	Pass	5.89	6.32	6.32	11.00
5320MHz	Pass	5.89	4.55	4.55	11.00
5500MHz	Pass	5.89	4.14	4.14	11.00
5580MHz	Pass	5.89	1.50	1.50	11.00
5700MHz	Pass	5.89	0.54	0.54	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.89	-1.03	-1.03	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.89	-2.47	-2.47	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	5.89	3.40	3.40	11.00
5310MHz	Pass	5.89	-0.87	-0.87	11.00
5510MHz	Pass	5.89	-0.44	-0.44	11.00
5550MHz	Pass	5.89	0.67	0.67	11.00
5670MHz	Pass	5.89	-0.09	-0.09	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.89	-1.05	-1.05	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.89	-2.83	-2.83	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	5.89	-4.29	-4.29	11.00
5530MHz	Pass	5.89	-3.40	-3.40	11.00
5610MHz	Pass	5.89	-1.06	-1.06	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.89	-1.45	-1.45	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.89	-4.20	-4.20	30.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.89	-8.38	-8.38	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.89	-7.69	-7.69	11.00
5570MHz	Pass	5.89	-7.82	-7.82	11.00

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

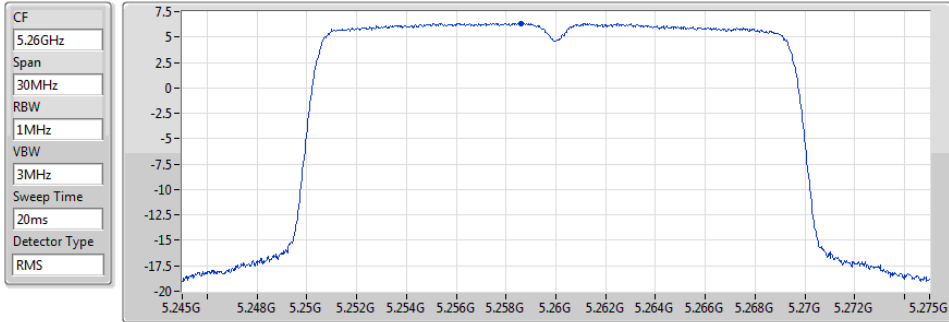
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

13/12/2018



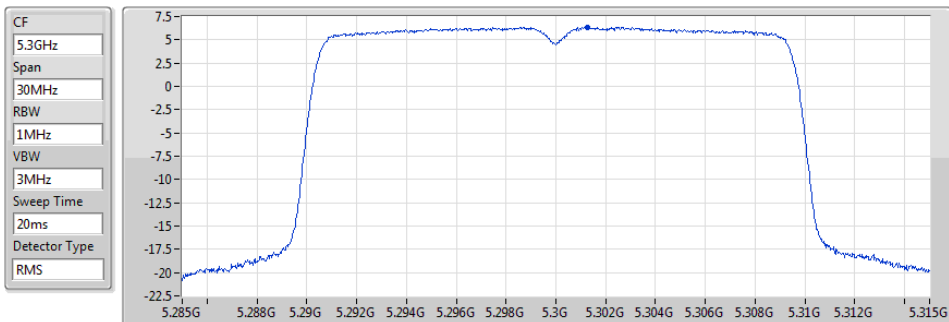
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.36	6.36	6.36

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

13/12/2018



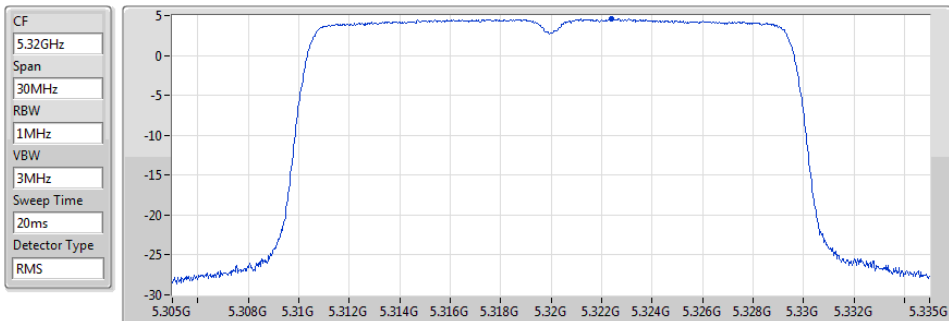
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.32	6.32	6.32

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

13/12/2018



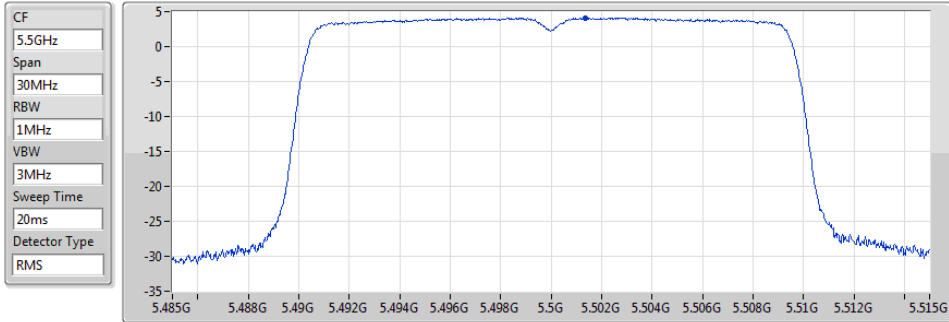
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.55	4.55	4.55

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

13/12/2018



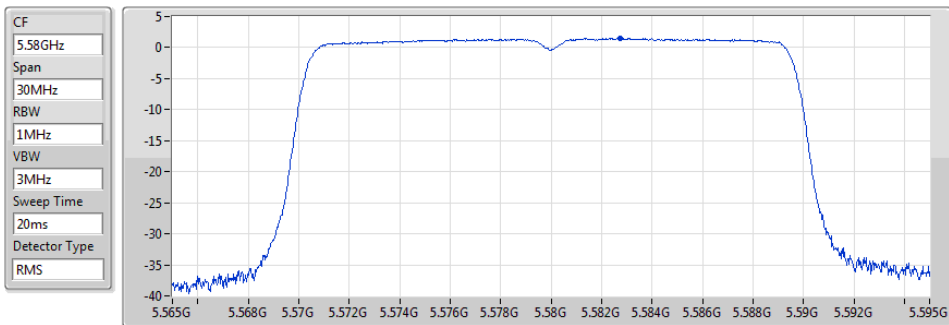
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.14	4.14	4.14

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

13/12/2018



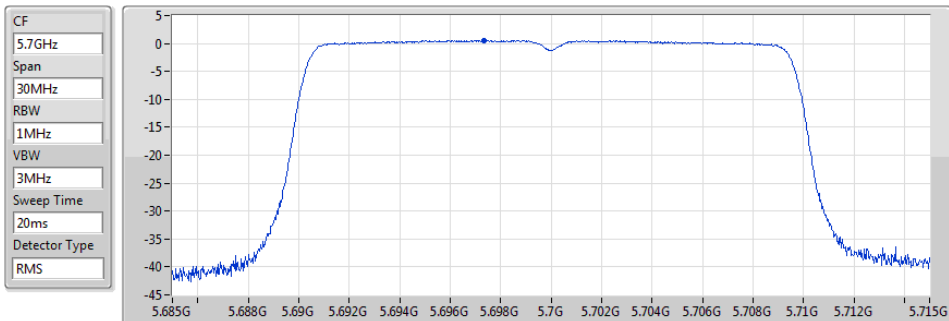
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.50	1.50	1.50

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

13/12/2018



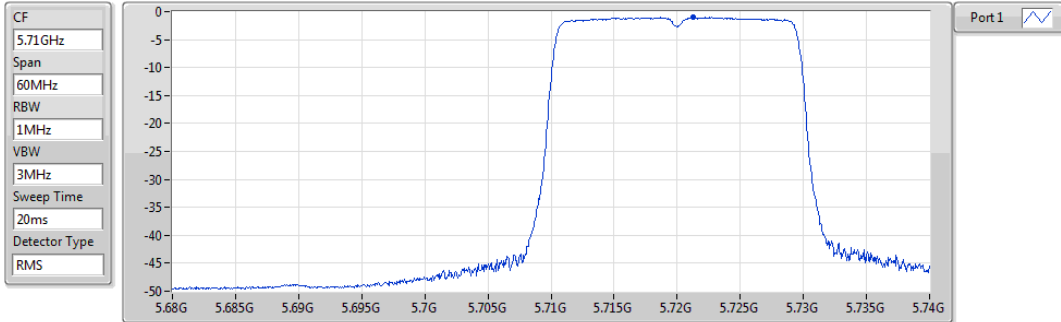
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.54	0.54	0.54

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

13/12/2018



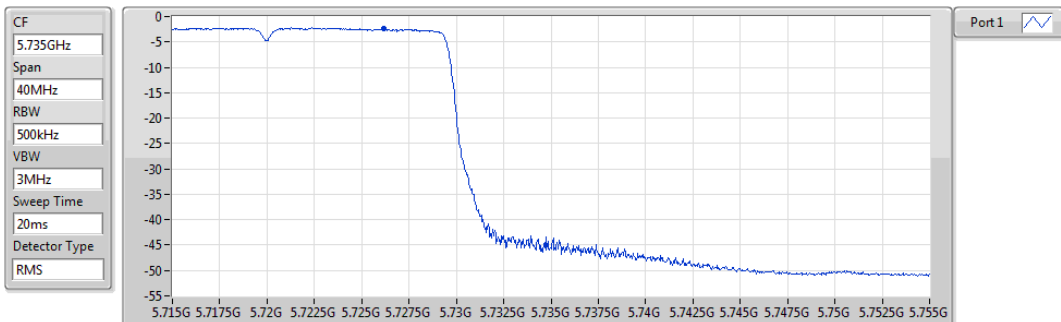
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.03	-1.03	-1.03

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

13/12/2018



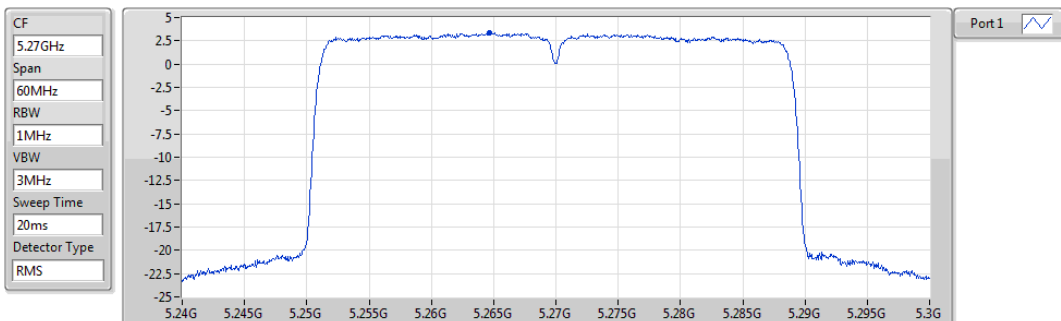
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-2.47	-2.47	-2.47

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

13/12/2018



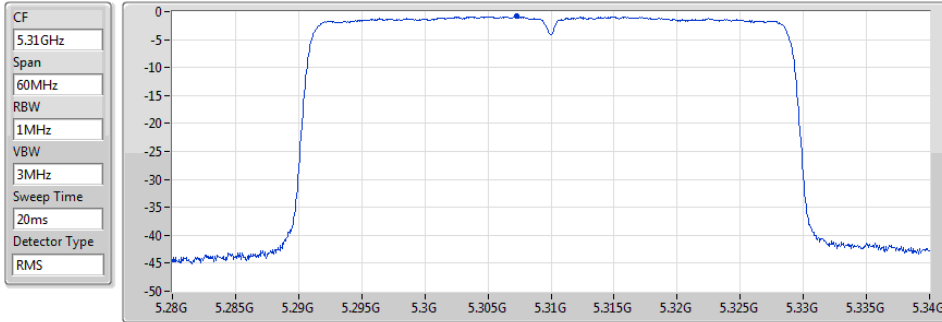
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.40	3.40	3.40

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

13/12/2018



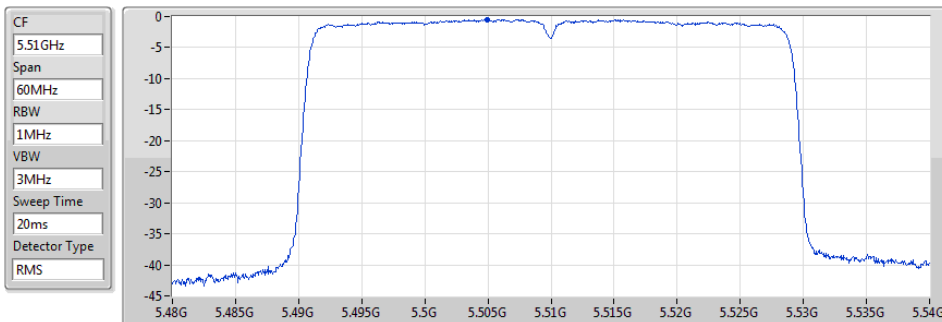
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.87	-0.87	-0.87

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

13/12/2018



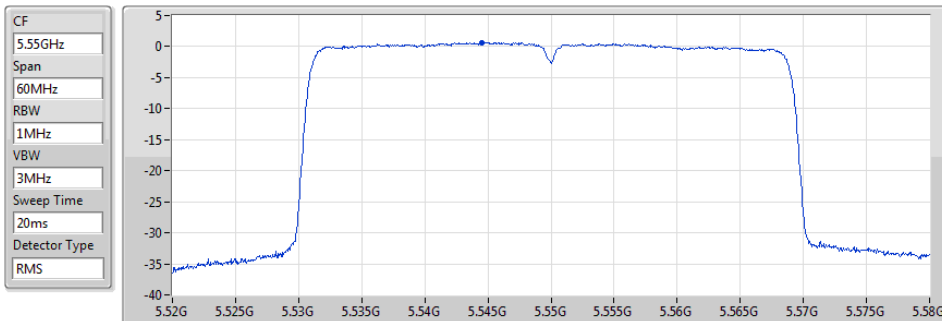
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.44	-0.44	-0.44

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

13/12/2018



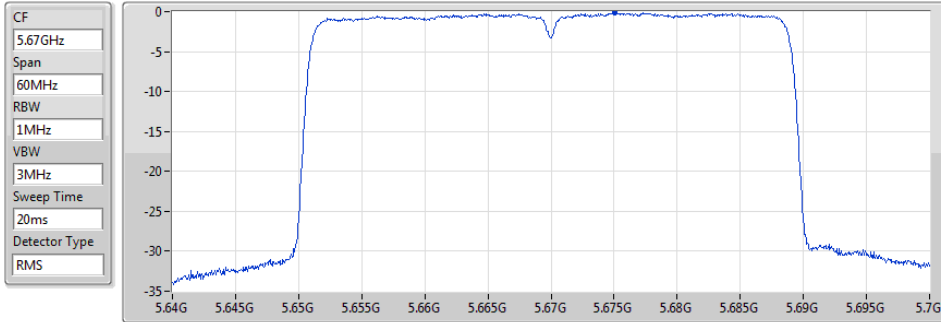
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.67	0.67	0.67

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

13/12/2018



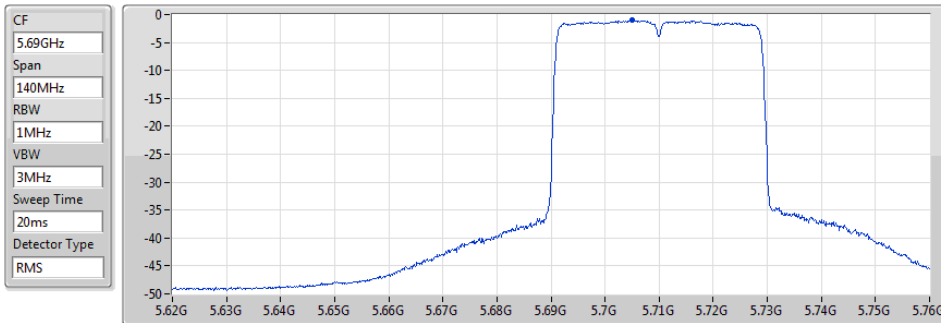
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-0.09	-0.09	-0.09

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

13/12/2018



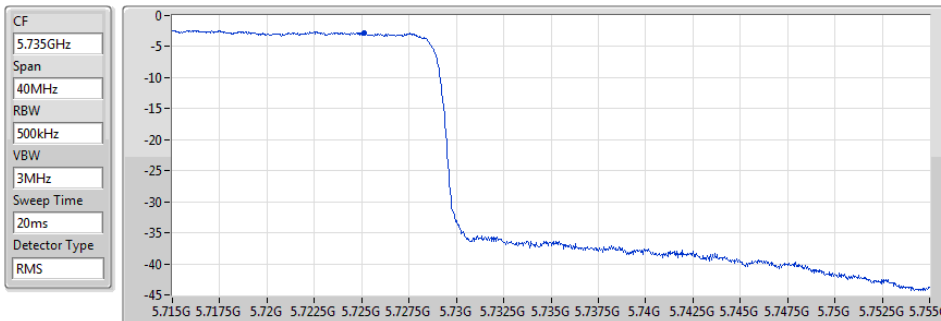
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.05	-1.05	-1.05

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

13/12/2018



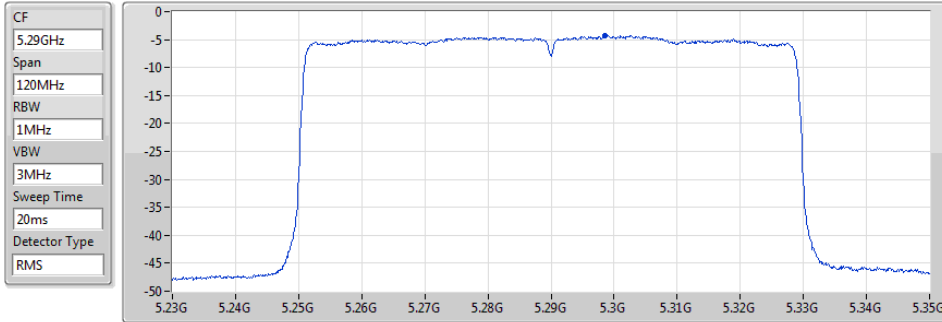
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-2.83	-2.83	-2.83

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

13/12/2018



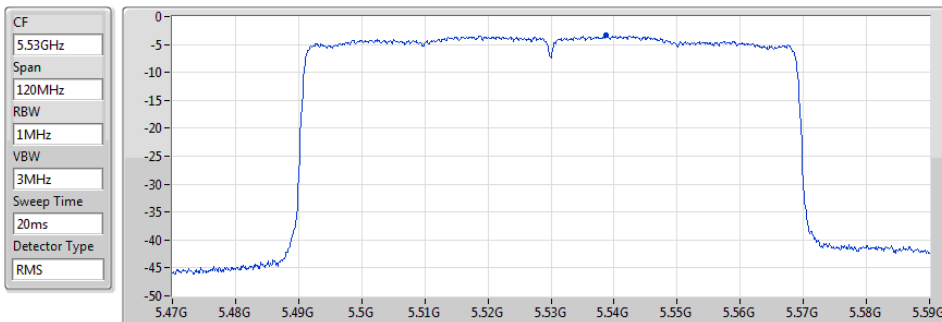
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-4.29	-4.29	-4.29

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

13/12/2018



Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-3.40	-3.40	-3.40

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

13/12/2018



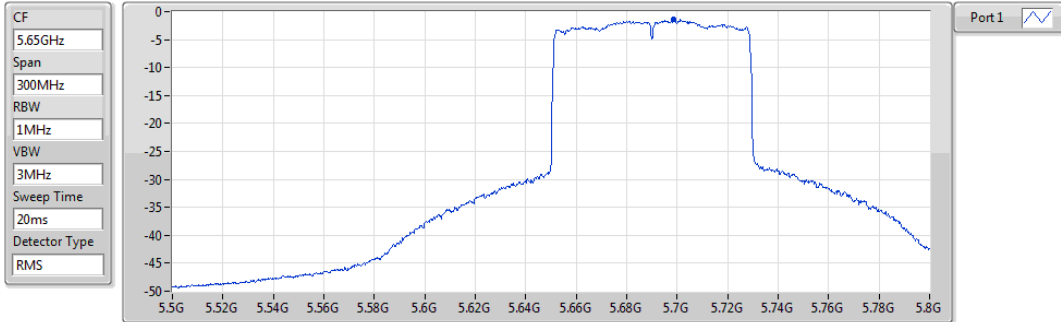
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.06	-1.06	-1.06

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

13/12/2018



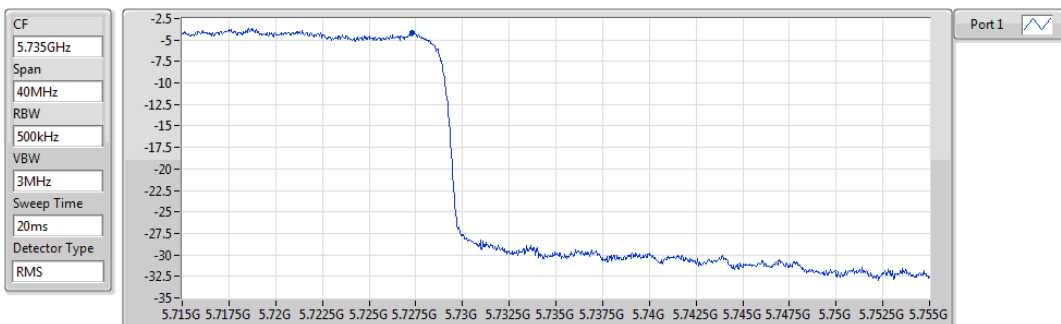
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-1.45	-1.45	-1.45

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

13/12/2018



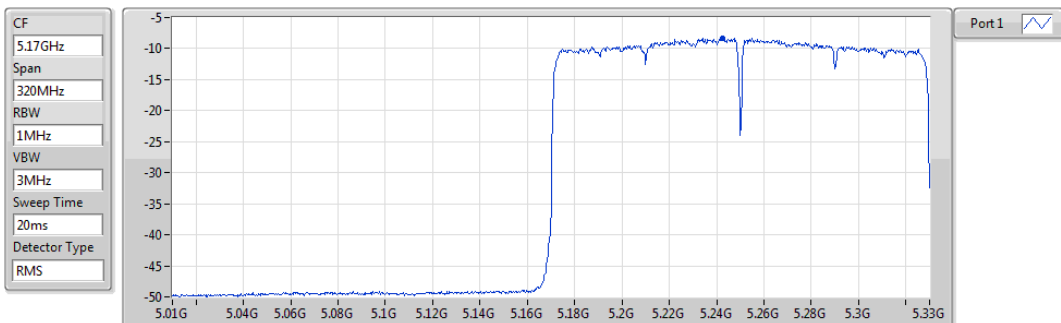
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-4.20	-4.20	-4.20

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

13/12/2018



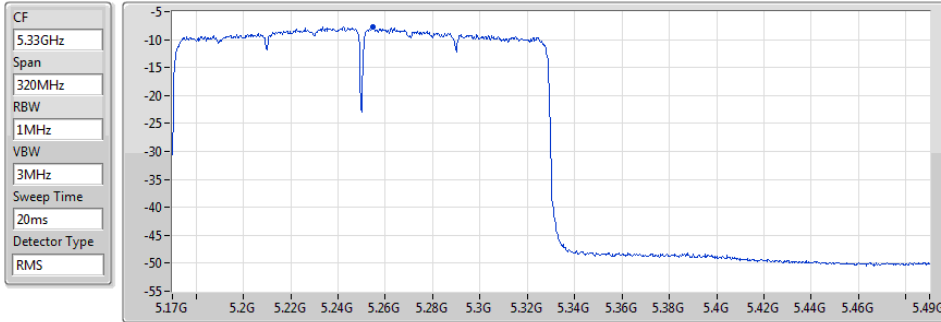
Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-8.38	-8.38	-8.38

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

13/12/2018



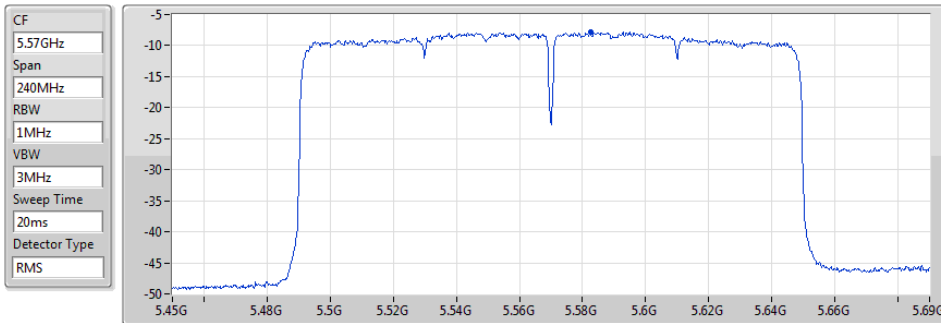
Sum	PD	Port1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
-7.69	-7.69	-7.69

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5570MHz

13/12/2018



Sum	PD	Port1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
-7.82	-7.82	-7.82

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss2,(MCS0)_2TX	-5.82
5.25-5.35GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	9.84
802.11ax HEW40_Nss2,(MCS0)_2TX	6.56
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.49
802.11ax HEW160_Nss2,(MCS0)_2TX	-5.13
5.47-5.725GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	5.75
802.11ax HEW40_Nss2,(MCS0)_2TX	3.48
802.11ax HEW80_Nss2,(MCS0)_2TX	1.95
802.11ax HEW160_Nss2,(MCS0)_2TX	-4.77
5.725-5.85GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	0.16
802.11ax HEW40_Nss2,(MCS0)_2TX	-0.34
802.11ax HEW80_Nss2,(MCS0)_2TX	-1.33

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.63	6.62	7.09	9.84	11.00
5300MHz	Pass	5.63	6.47	7.16	9.76	11.00
5320MHz	Pass	5.63	3.01	3.09	6.00	11.00
5500MHz	Pass	5.63	2.71	2.81	5.75	11.00
5580MHz	Pass	5.63	1.20	0.96	4.06	11.00
5700MHz	Pass	5.63	0.61	0.51	3.51	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.63	-1.39	-1.40	1.59	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.63	-2.77	-2.85	0.16	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.63	3.23	3.95	6.56	11.00
5310MHz	Pass	5.63	-0.82	-0.31	2.42	11.00
5510MHz	Pass	5.63	-0.68	-0.13	2.48	11.00
5550MHz	Pass	5.63	0.31	0.70	3.48	11.00
5670MHz	Pass	5.63	-0.28	-0.56	2.52	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.63	-1.42	-1.27	1.63	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.63	-3.25	-3.39	-0.34	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.63	-3.25	-3.32	-0.49	11.00
5530MHz	Pass	5.63	-3.23	-3.62	-0.56	11.00
5610MHz	Pass	5.63	-0.87	-1.11	1.95	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.63	-1.80	-1.50	1.30	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.63	-4.50	-4.02	-1.33	30.00
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.63	-8.83	-8.63	-5.82	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.63	-8.30	-7.95	-5.13	11.00
5570MHz	Pass	5.63	-7.72	-7.65	-4.77	11.00

DG = Directional Gain; **RBW** = 500kHz 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 Xpower density;

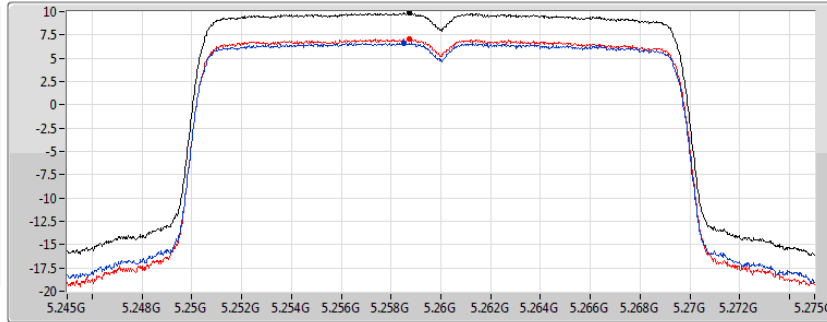
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5260MHz

13/12/2018

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.84	9.84	6.62	7.09

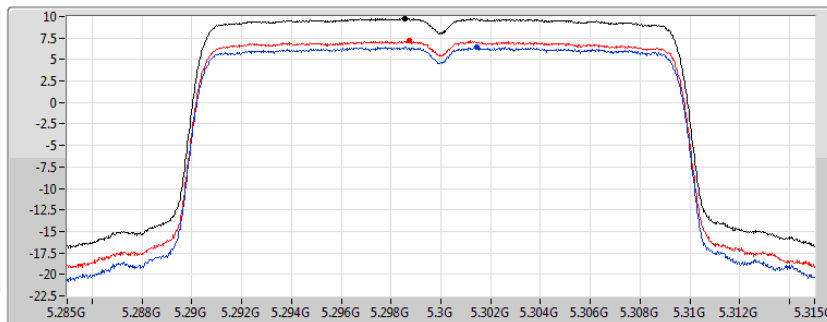
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5300MHz

13/12/2018

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.76	9.76	6.47	7.16

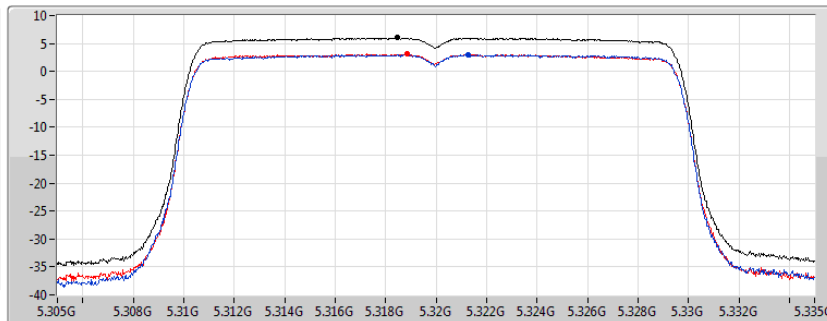
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5320MHz

13/12/2018

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.00	6.00	3.01	3.09

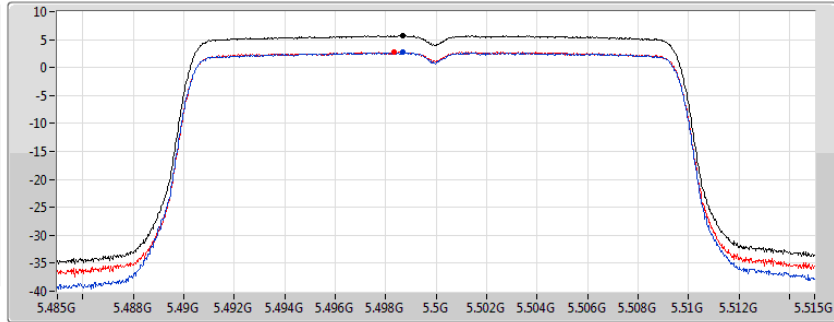
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5500MHz

13/12/2018

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)
5.75	5.75	2.71	2.81

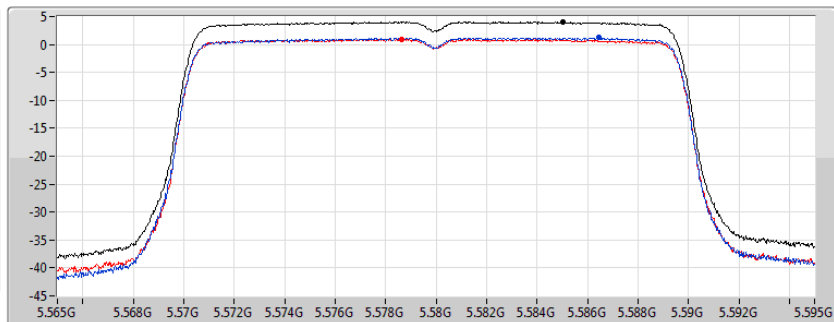
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5580MHz

13/12/2018

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)
4.06	4.06	1.20	0.96

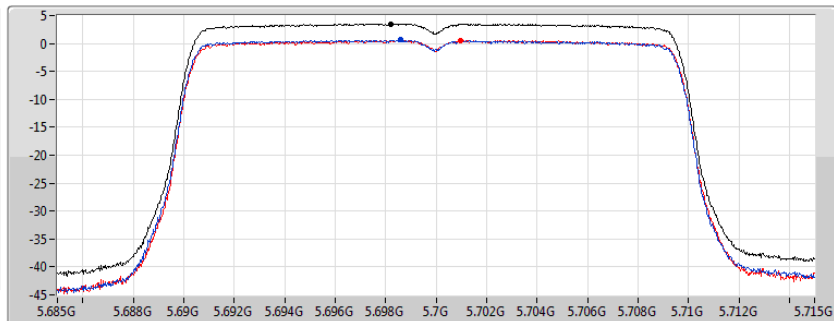
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5700MHz

13/12/2018

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



Sum
Port 1
Port 2

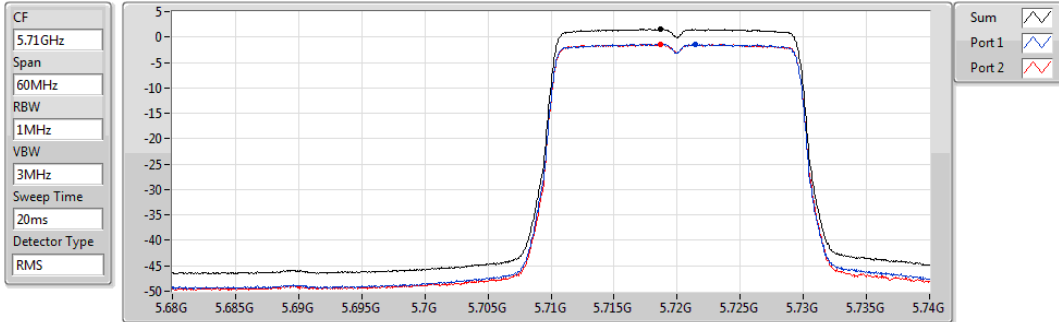
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.51	3.51	0.61	0.51

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

13/12/2018



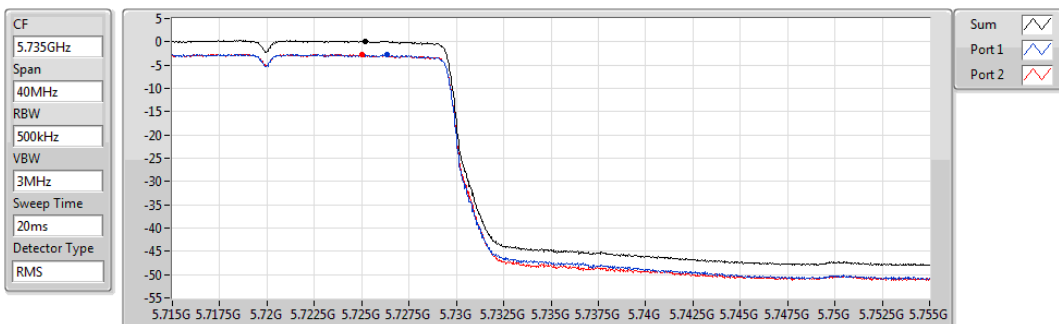
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.59	1.59	-1.39	-1.40

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

13/12/2018



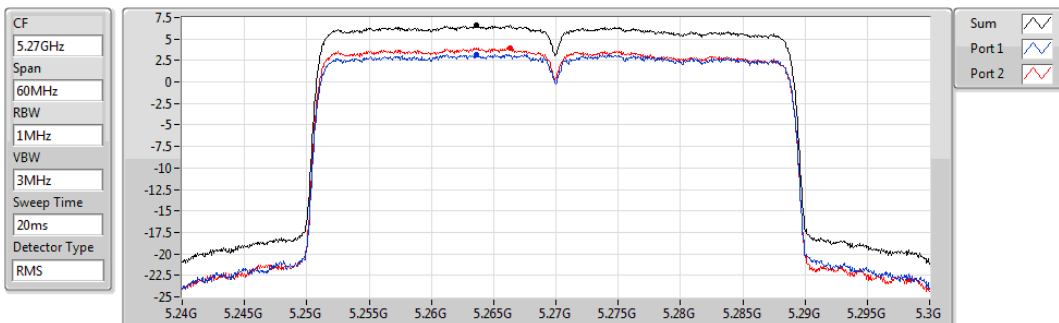
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.16	0.16	-2.77	-2.85

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5270MHz

13/12/2018



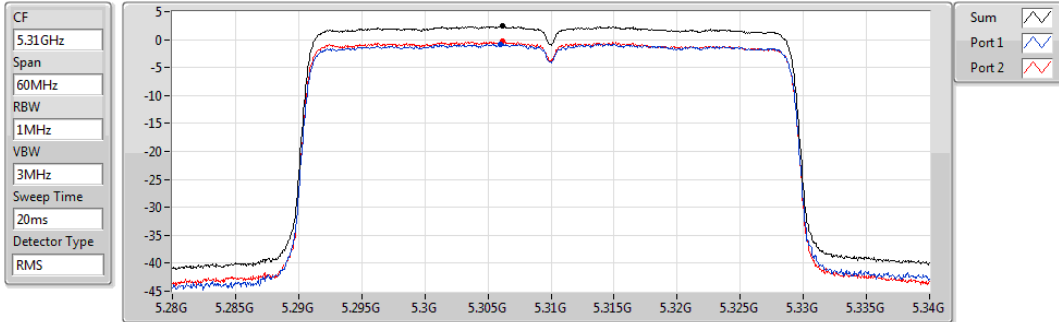
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.56	6.56	3.23	3.95

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5310MHz

13/12/2018



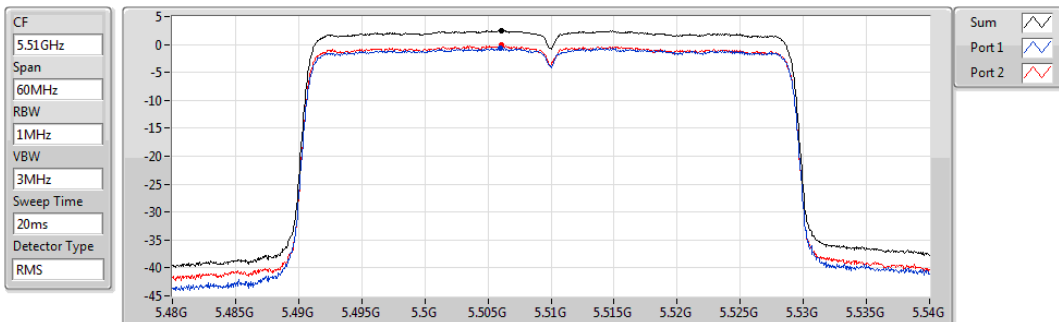
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.42	2.42	-0.82	-0.31

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5510MHz

13/12/2018



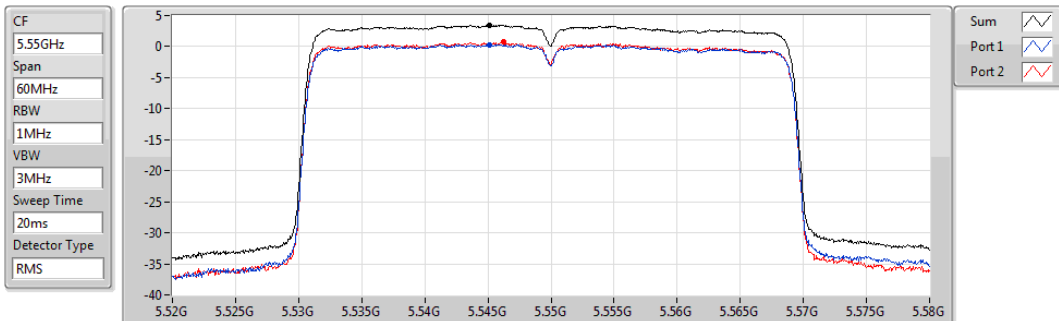
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.48	2.48	-0.68	-0.13

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5550MHz

13/12/2018



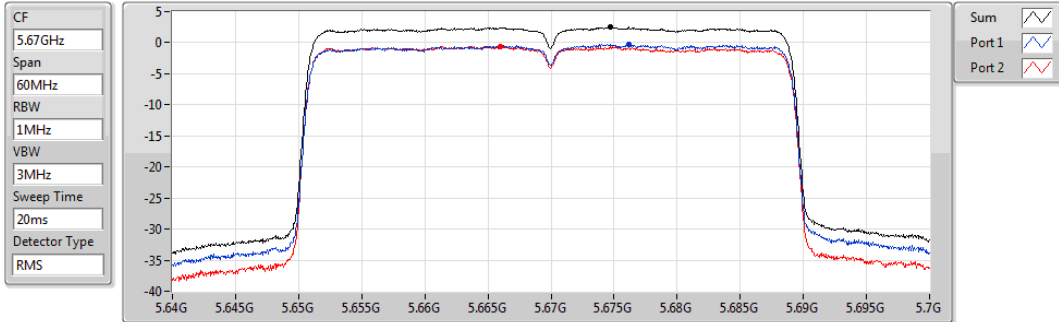
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.48	3.48	0.31	0.70

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5670MHz

13/12/2018



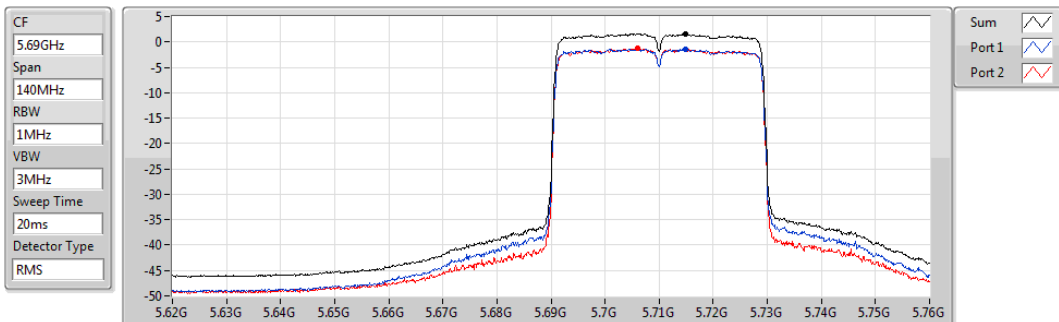
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.52	2.52	-0.28	-0.56

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

13/12/2018



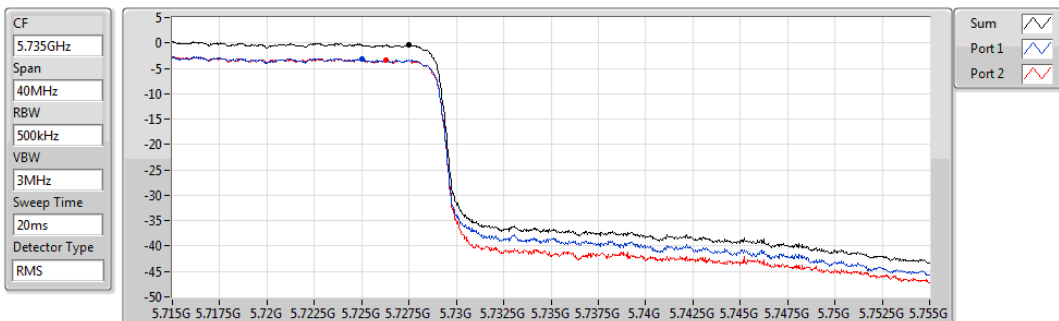
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.63	1.63	-1.42	-1.27

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

13/12/2018



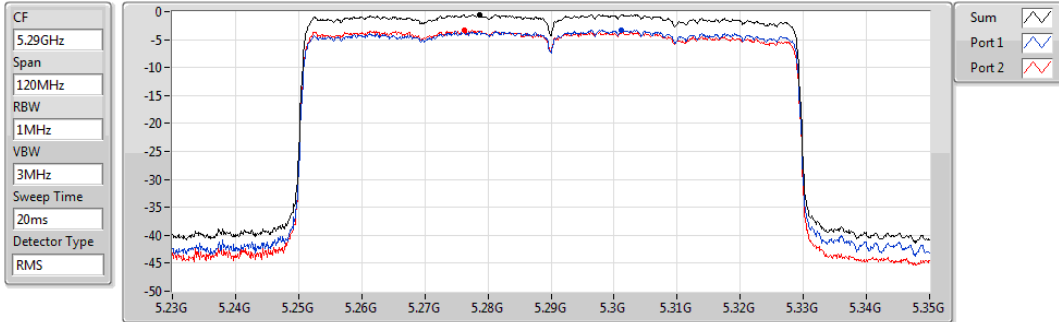
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.34	-0.34	-3.25	-3.39

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5290MHz

13/12/2018



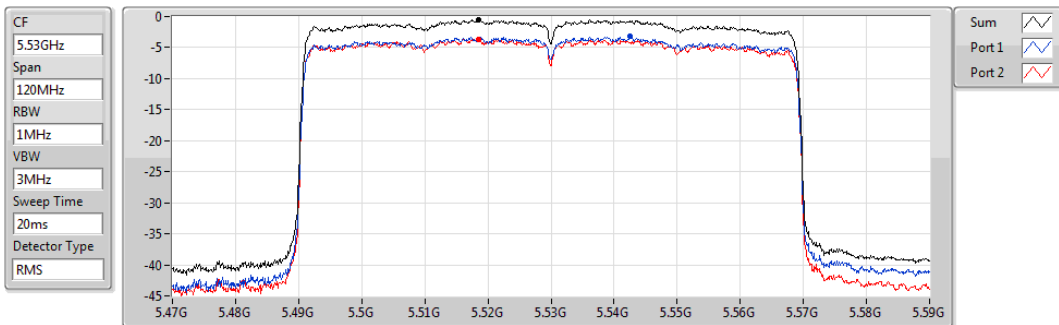
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.49	-0.49	-3.25	-3.32

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5530MHz

13/12/2018



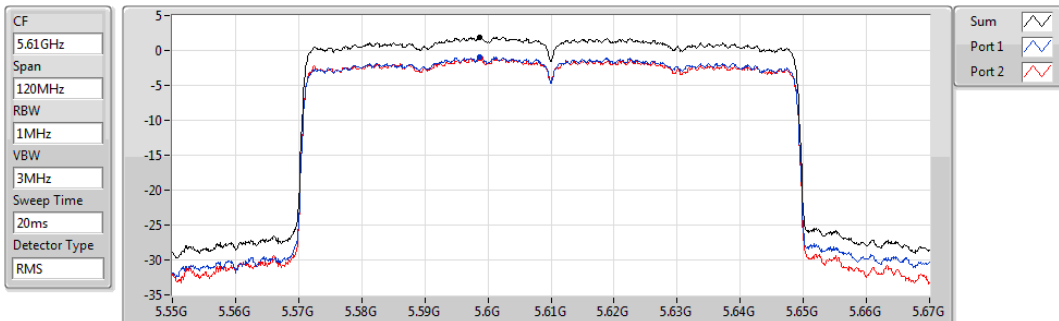
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.56	-0.56	-3.23	-3.62

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5610MHz

13/12/2018



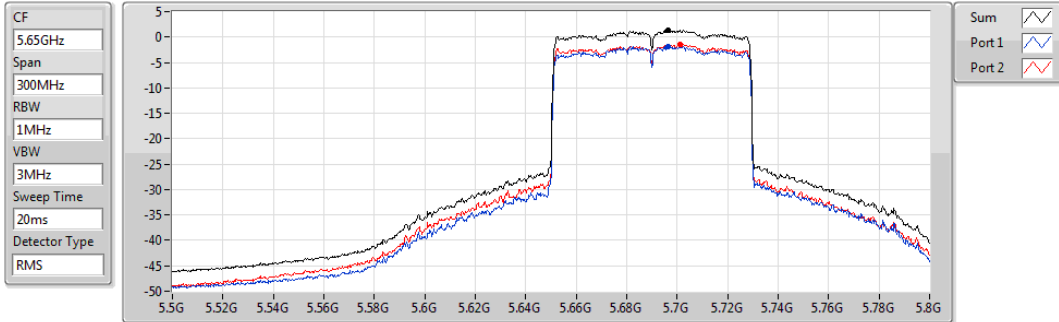
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.95	1.95	-0.87	-1.11

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

13/12/2018



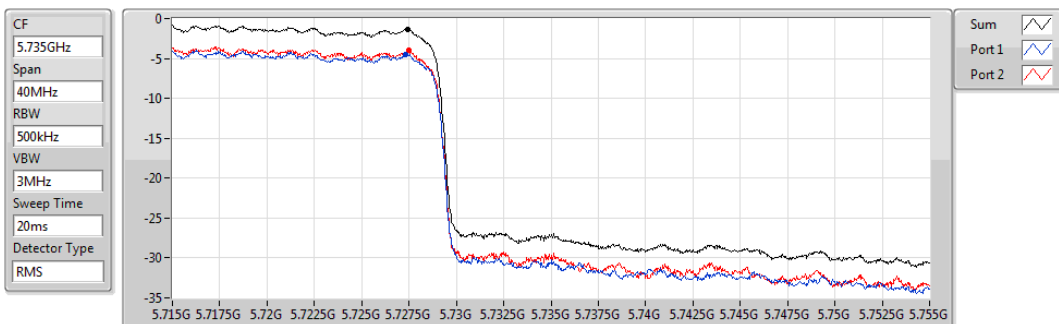
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.30	1.30	-1.80	-1.50

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

13/12/2018



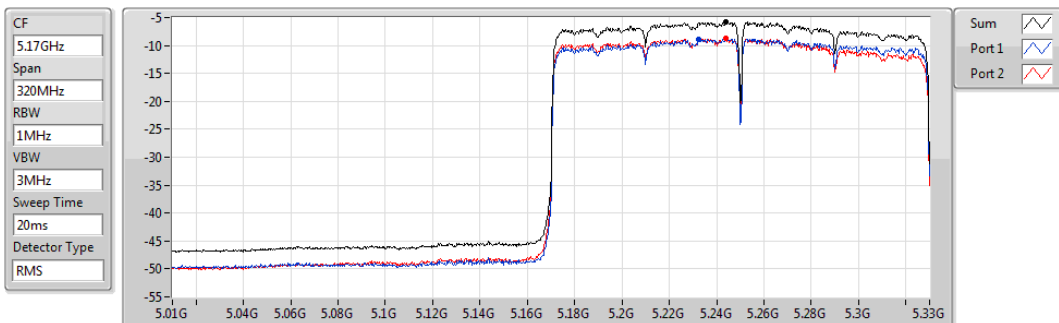
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.33	-1.33	-4.50	-4.02

802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

13/12/2018



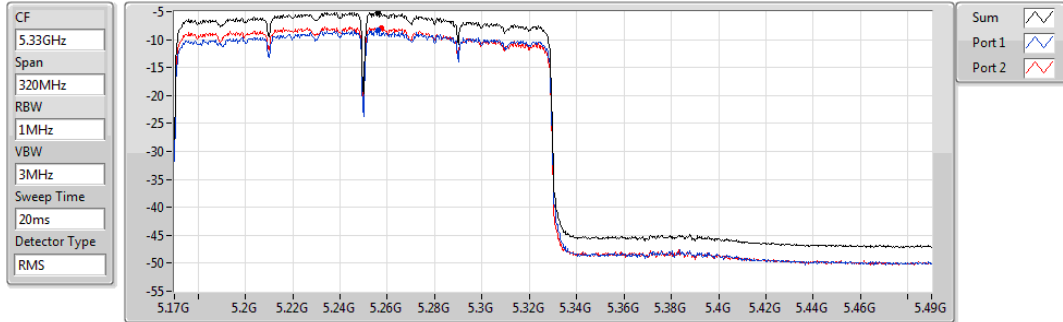
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.82	-5.82	-8.83	-8.63

802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

13/12/2018



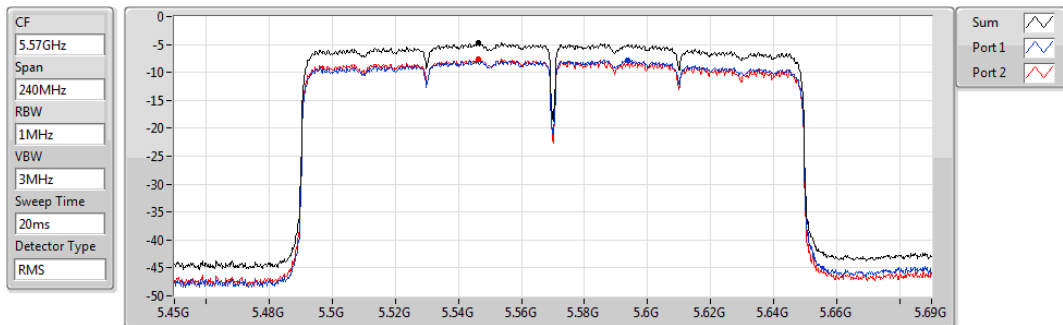
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.13	-5.13	-8.30	-7.95

802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5570MHz

13/12/2018



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-4.77	-4.77	-7.72	-7.65

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	5.34
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	5.32
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	3.98

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.59	-0.50	-0.59	-0.24	-1.16	5.24	5.41
5300MHz	Pass	11.59	-0.73	-0.80	-0.25	-0.49	5.34	5.41
5320MHz	Pass	11.59	-0.81	-1.06	-0.13	-0.52	5.29	5.41
5500MHz	Pass	11.59	-1.27	-1.58	0.10	-0.27	5.20	5.41
5580MHz	Pass	11.59	-1.50	-1.64	0.12	0.04	5.18	5.41
5700MHz	Pass	11.59	-0.91	-0.88	-0.16	-0.90	5.20	5.41
5720MHz Straddle 5.47-5.725GHz	Pass	11.59	-0.96	-0.98	0.08	-0.48	5.32	5.41
5720MHz Straddle 5.725-5.85GHz	Pass	11.59	-2.21	-2.54	-1.07	-2.03	3.98	24.41

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

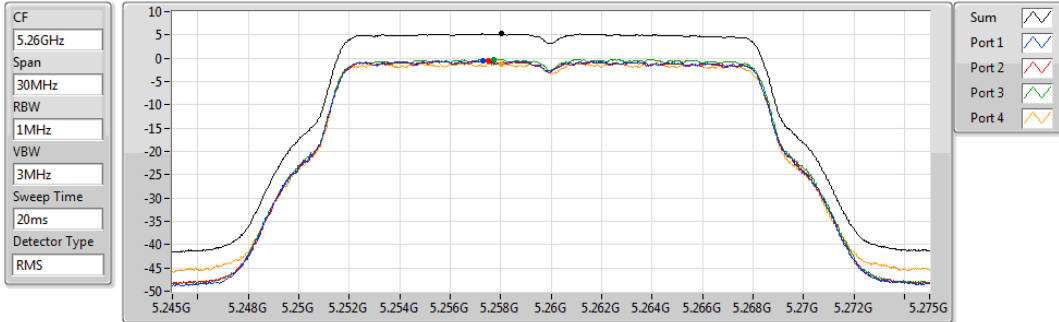
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

13/12/2018



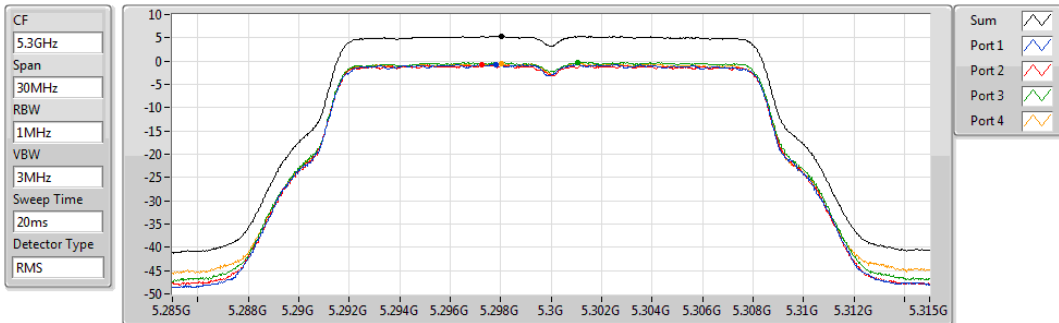
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.24	5.24	-0.50	-0.59	-0.24	-1.16

802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

13/12/2018



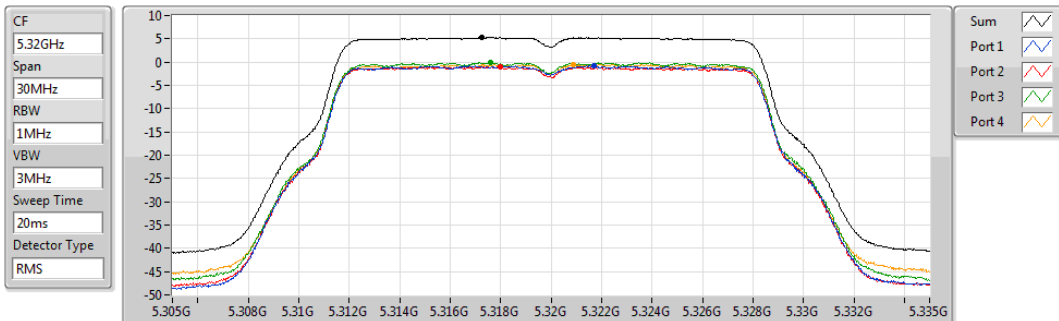
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.34	5.34	-0.73	-0.80	-0.25	-0.49

802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

13/12/2018



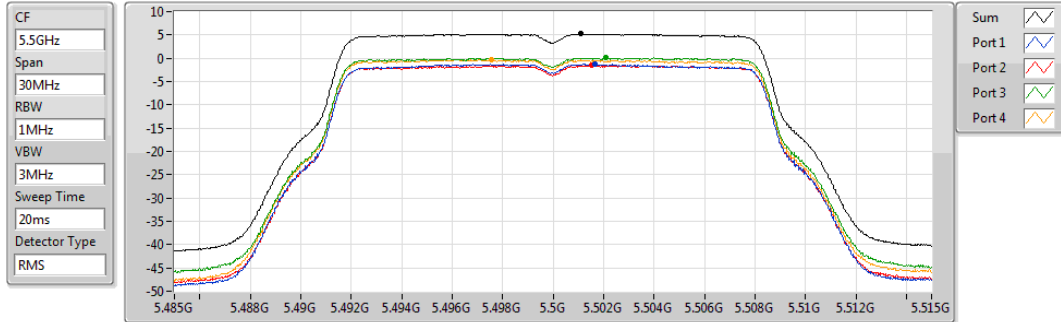
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.29	5.29	-0.81	-1.06	-0.13	-0.52

802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

13/12/2018



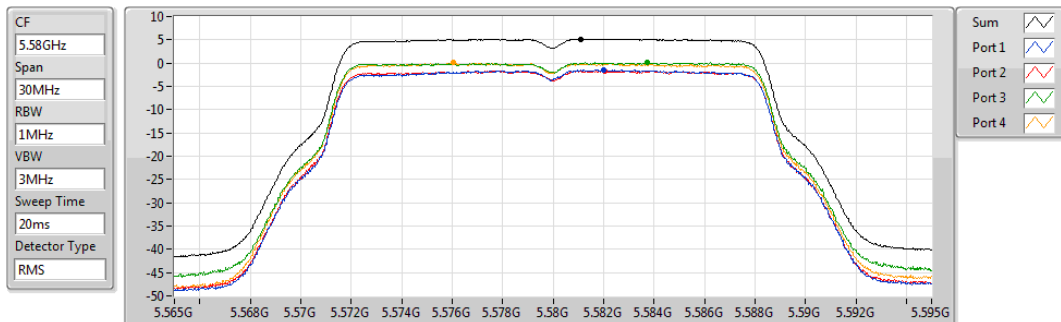
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.20	5.20	-1.27	-1.58	0.10	-0.27

802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

13/12/2018



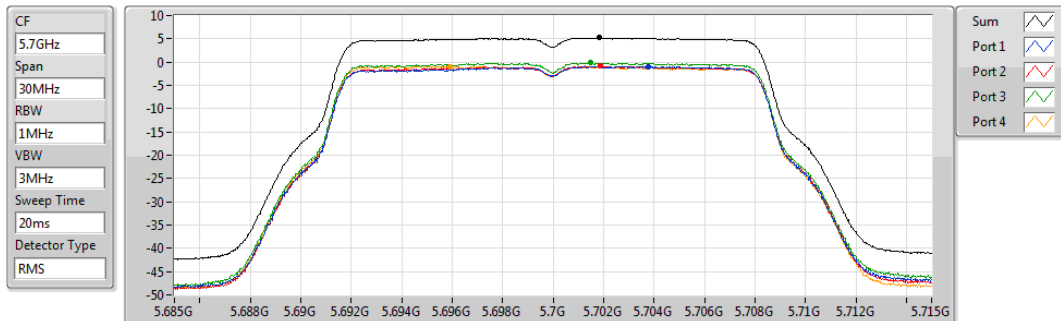
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.18	5.18	-1.50	-1.64	0.12	0.04

802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

13/12/2018

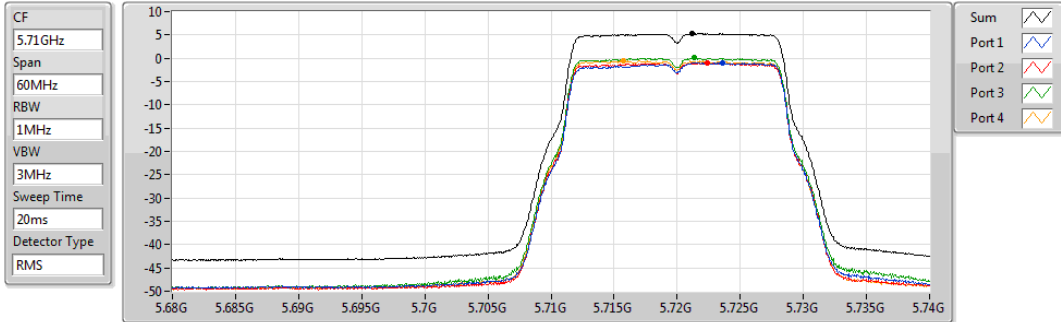


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.20	5.20	-0.91	-0.88	-0.16	-0.90

802.11a_Nss1,(6Mbps)_4TX
5720MHz Straddle 5.47-5.725GHz

PSD

13/12/2018

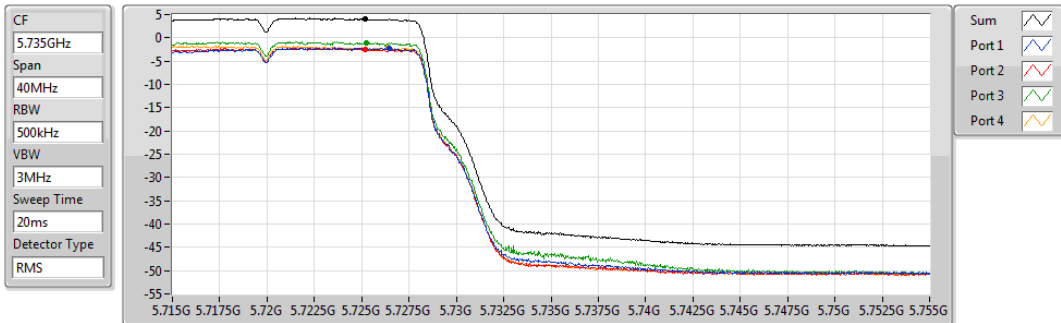


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.32	5.32	-0.96	-0.98	0.08	-0.48

802.11a_Nss1,(6Mbps)_4TX
5720MHz Straddle 5.725-5.85GHz

PSD

13/12/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.98	3.98	-2.21	-2.54	-1.07	-2.03

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-4.35
5.25-5.35GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	5.40
802.11ax HEW40_Nss1,(MCS0)_4TX	5.19
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.28
802.11ax HEW160_Nss1,(MCS0)_4TX	-4.29
5.47-5.725GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	5.30
802.11ax HEW40_Nss1,(MCS0)_4TX	5.27
802.11ax HEW80_Nss1,(MCS0)_4TX	4.22
802.11ax HEW160_Nss1,(MCS0)_4TX	-2.59
5.725-5.85GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	3.40
802.11ax HEW40_Nss1,(MCS0)_4TX	2.90
802.11ax HEW80_Nss1,(MCS0)_4TX	1.87

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.59	-0.55	-0.46	-0.59	-1.05	5.26	5.41
5300MHz	Pass	11.59	-0.62	-0.51	-0.40	-0.43	5.40	5.41
5320MHz	Pass	11.59	-0.76	-1.00	-0.42	-0.41	5.30	5.41
5500MHz	Pass	11.59	-1.56	-1.58	0.27	-0.17	5.30	5.41
5580MHz	Pass	11.59	-1.65	-1.63	-0.25	0.35	5.25	5.41
5700MHz	Pass	11.59	-0.74	-1.14	-0.01	-0.72	5.30	5.41
5720MHz Straddle 5.47-5.725GHz	Pass	11.59	-1.24	-1.37	-0.45	-1.25	4.85	5.41
5720MHz Straddle 5.725-5.85GHz	Pass	11.59	-2.62	-2.82	-1.93	-2.61	3.40	24.41
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.59	-1.14	-0.38	-0.52	-0.85	5.19	5.41
5310MHz	Pass	11.59	-3.33	-3.29	-3.18	-3.20	2.72	5.41
5510MHz	Pass	11.59	-3.30	-3.14	-1.88	-1.74	3.46	5.41
5550MHz	Pass	11.59	-1.65	-1.36	0.24	-0.28	5.27	5.41
5670MHz	Pass	11.59	-0.91	-1.57	-1.28	-0.62	4.79	5.41
5710MHz Straddle 5.47-5.725GHz	Pass	11.59	-1.20	-1.44	-0.70	-1.11	4.80	5.41
5710MHz Straddle 5.725-5.85GHz	Pass	11.59	-3.14	-3.34	-2.75	-2.89	2.90	24.41
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.59	-6.12	-5.92	-6.29	-6.25	-0.28	5.41
5530MHz	Pass	11.59	-5.99	-6.31	-4.56	-4.40	0.64	5.41
5610MHz	Pass	11.59	-2.81	-3.28	-2.48	-2.37	3.16	5.41
5690MHz Straddle 5.47-5.725GHz	Pass	11.59	-1.77	-1.99	-1.13	-1.39	4.22	5.41
5690MHz Straddle 5.725-5.85GHz	Pass	11.59	-4.46	-4.32	-3.79	-3.90	1.87	24.41
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.59	-10.42	-10.21	-10.18	-10.24	-4.35	11.41
5250MHz Straddle 5.25-5.35GHz	Pass	11.59	-10.78	-10.05	-10.05	-10.08	-4.29	5.41
5570MHz	Pass	11.59	-9.13	-8.90	-7.82	-8.33	-2.59	5.41

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

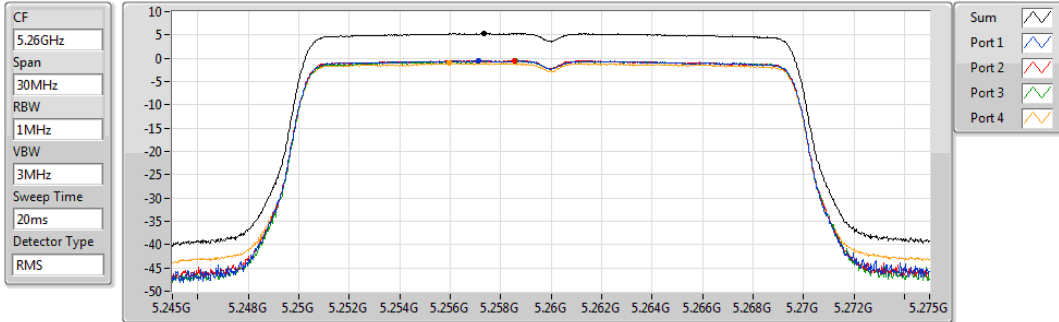
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

13/12/2018



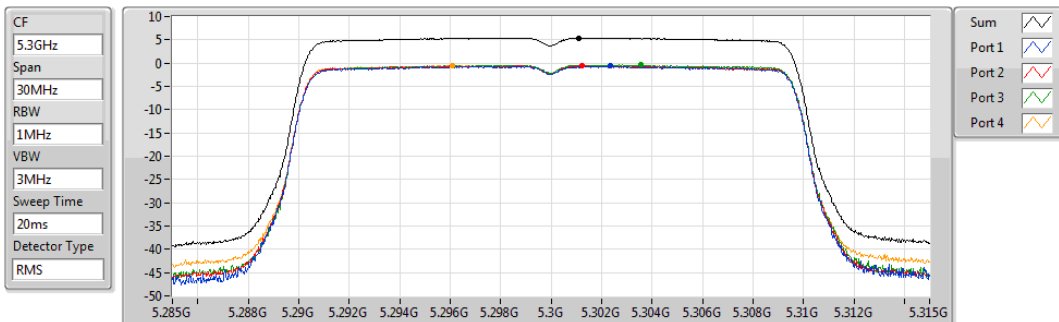
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.26	5.26	-0.55	-0.46	-0.59	-1.05

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

13/12/2018



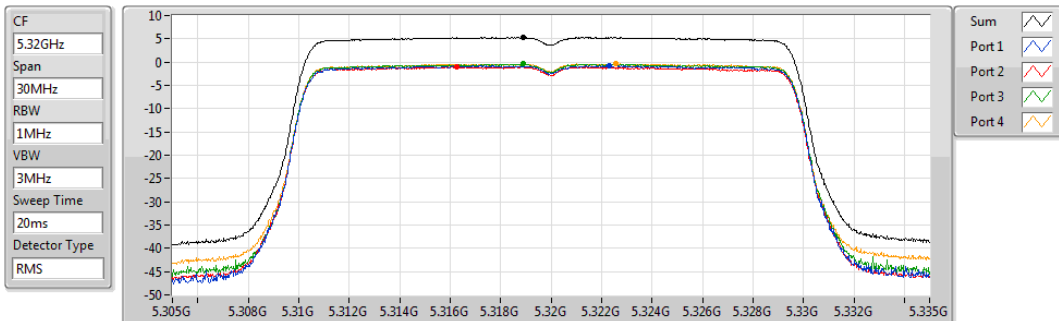
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.40	5.40	-0.62	-0.51	-0.40	-0.43

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

13/12/2018



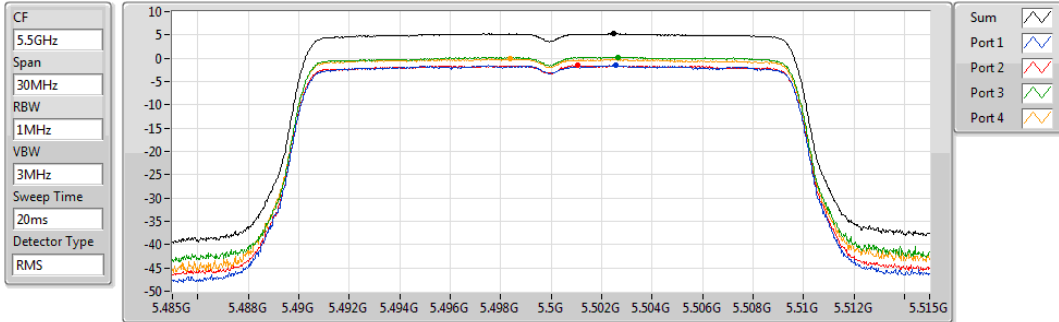
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.30	5.30	-0.76	-1.00	-0.42	-0.41

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

13/12/2018



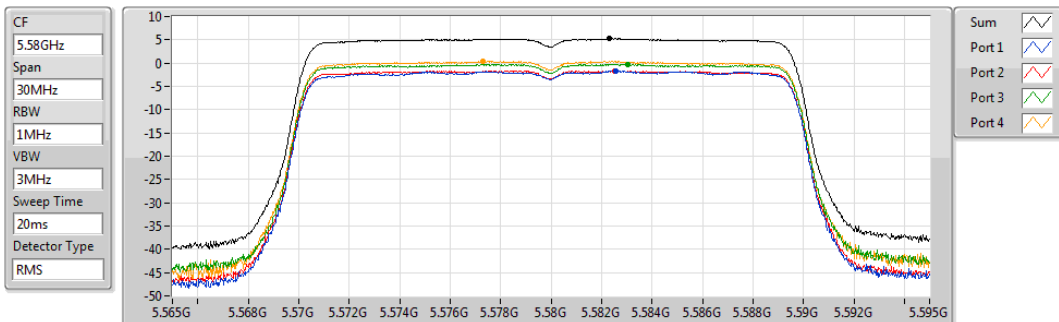
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.30	5.30	-1.56	-1.58	0.27	-0.17

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

13/12/2018



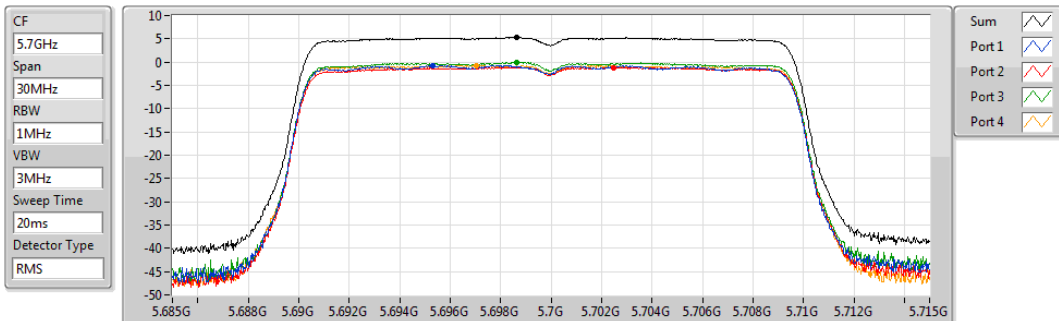
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.25	5.25	-1.65	-1.63	-0.25	0.35

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

13/12/2018



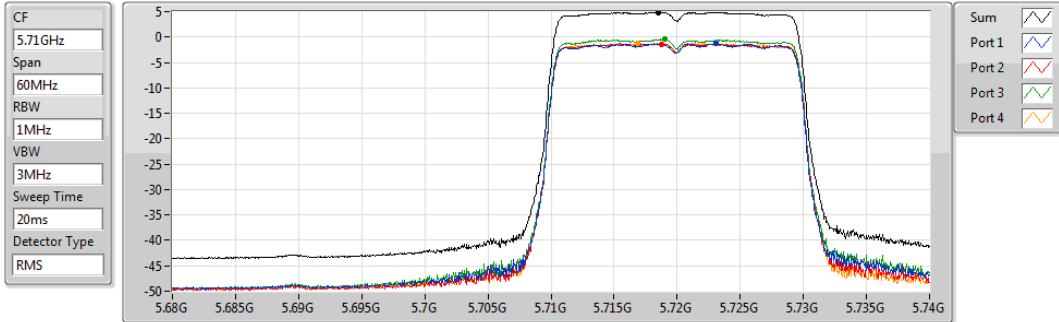
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.30	5.30	-0.74	-1.14	-0.01	-0.72

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

13/12/2018



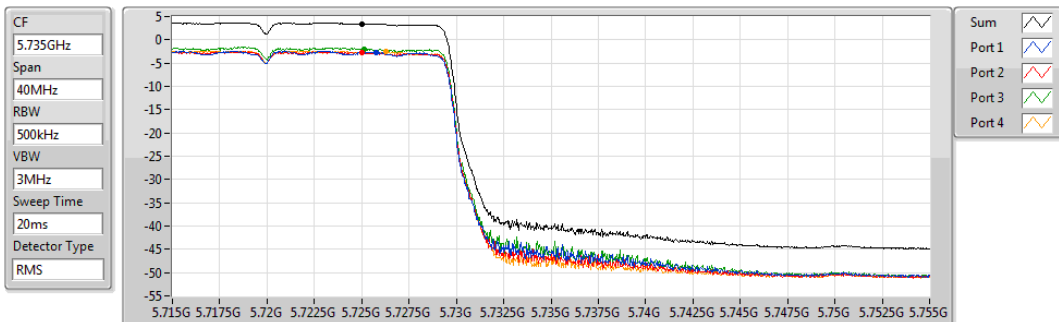
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.85	4.85	-1.24	-1.37	-0.45	-1.25

802.11ax HEW20_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

13/12/2018



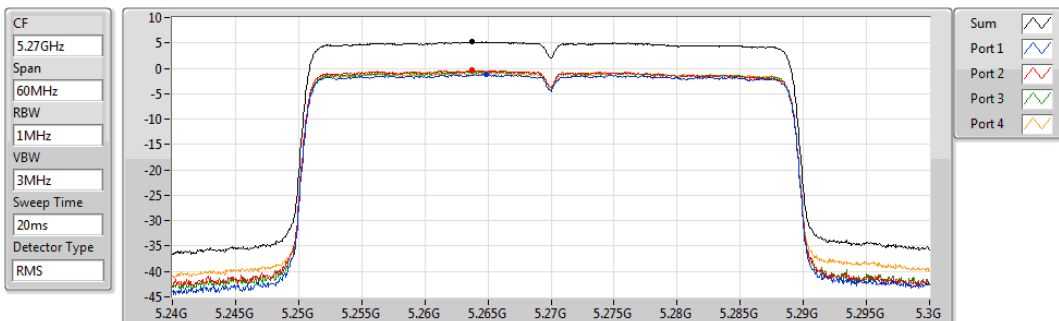
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.40	3.40	-2.62	-2.82	-1.93	-2.61

802.11ax HEW40_Nss1,(MCS0)_4TX

5270MHz

PSD

13/12/2018



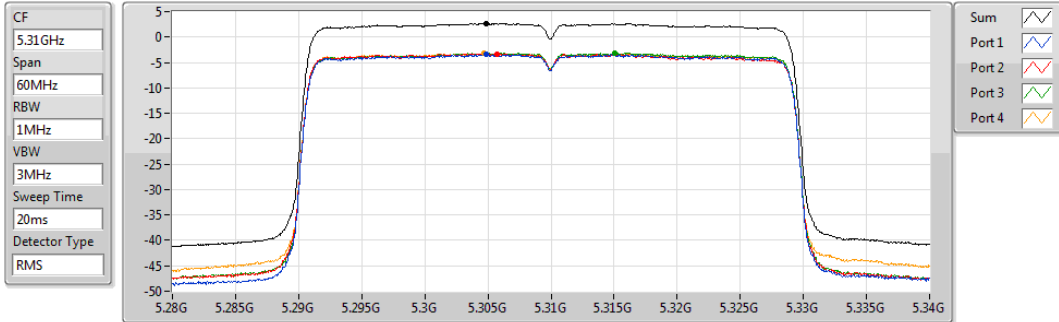
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.19	5.19	-1.14	-0.38	-0.52	-0.85

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

13/12/2018



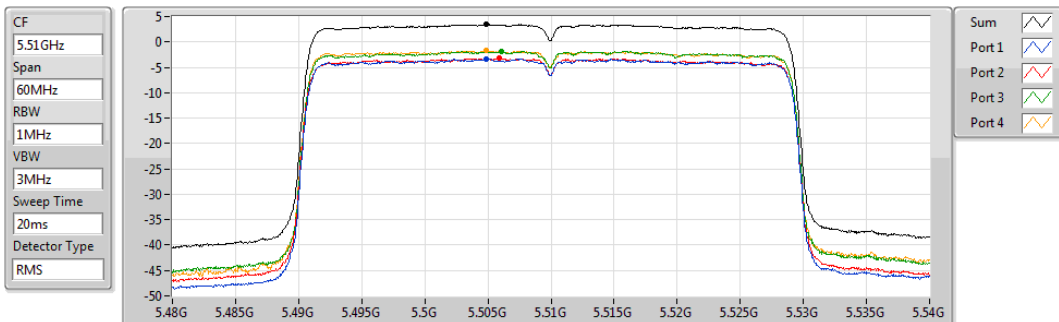
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.72	2.72	-3.33	-3.29	-3.18	-3.20

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

13/12/2018



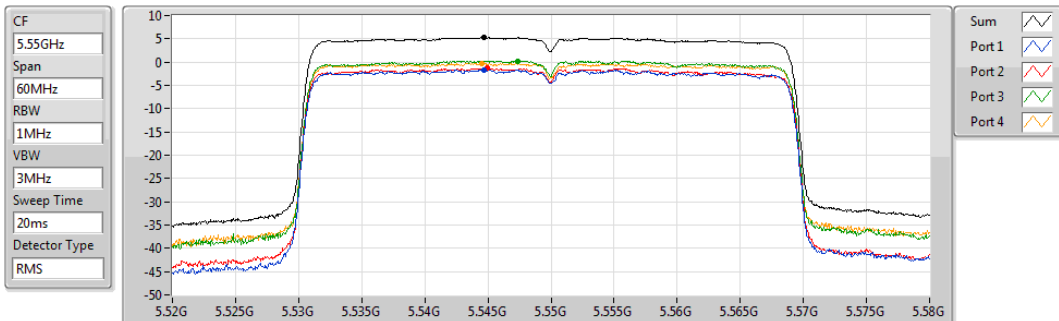
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.46	3.46	-3.30	-3.14	-1.88	-1.74

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

13/12/2018



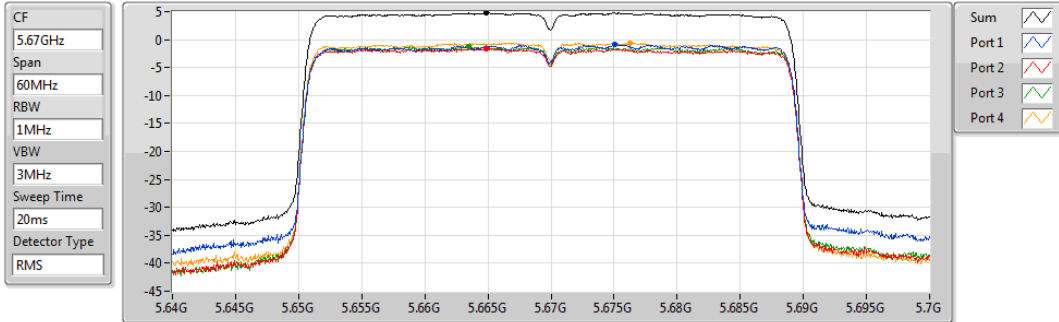
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.27	5.27	-1.65	-1.36	0.24	-0.28

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

13/12/2018



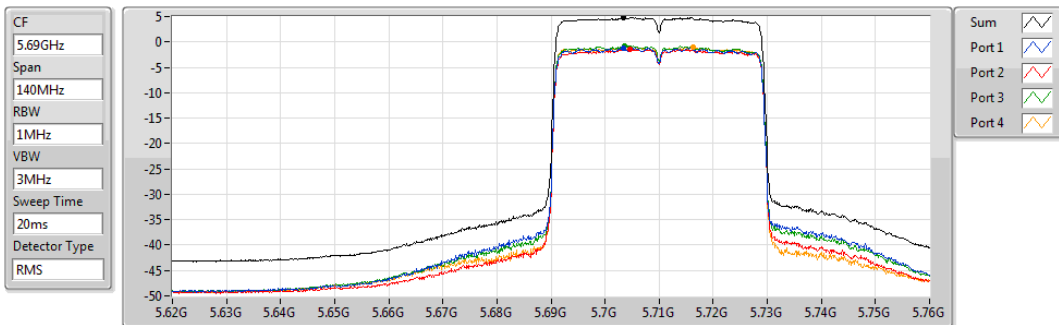
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.79	4.79	-0.91	-1.57	-1.28	-0.62

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

13/12/2018



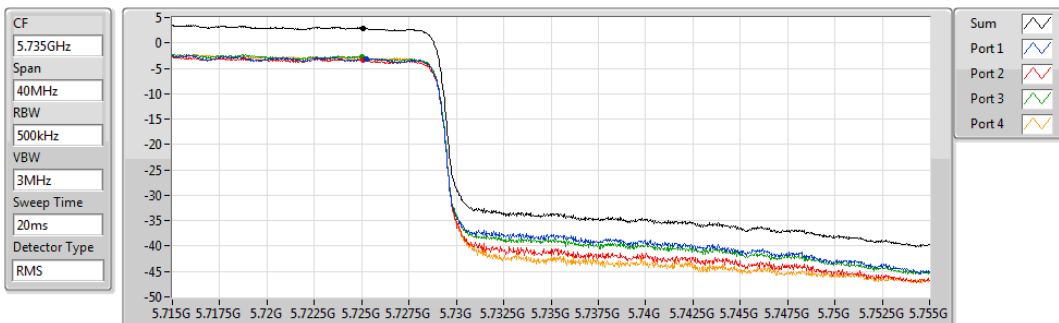
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
4.80	4.80	-1.20	-1.44	-0.70	-1.11

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

13/12/2018



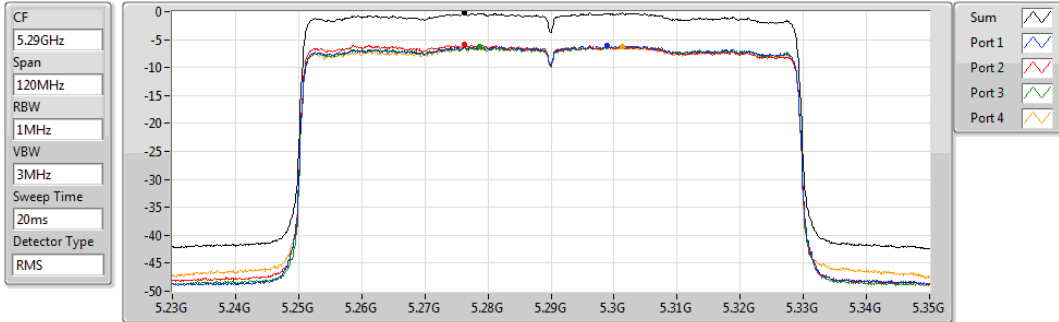
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
2.90	2.90	-3.14	-3.34	-2.75	-2.89

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

13/12/2018



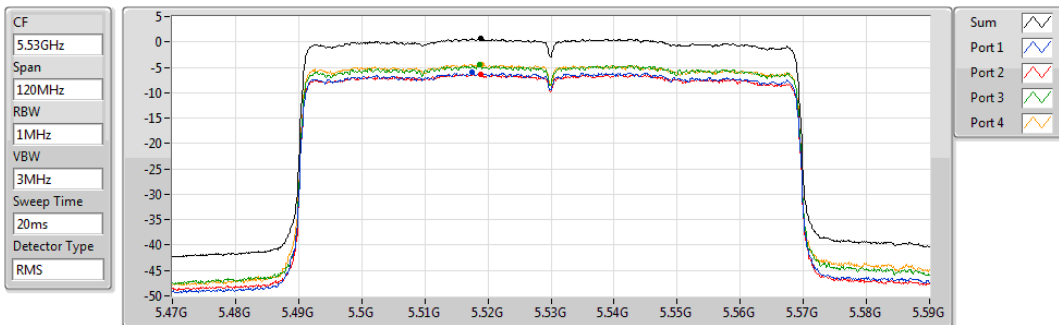
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.28	-0.28	-6.12	-5.92	-6.29	-6.25

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

13/12/2018



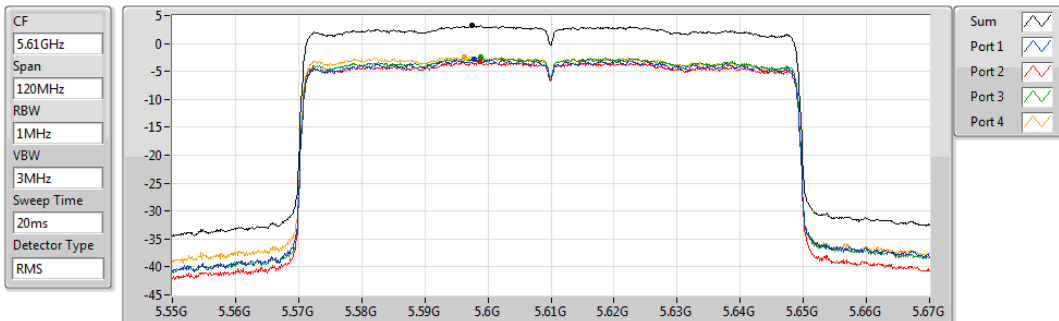
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.64	0.64	-5.99	-6.31	-4.56	-4.40

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

13/12/2018



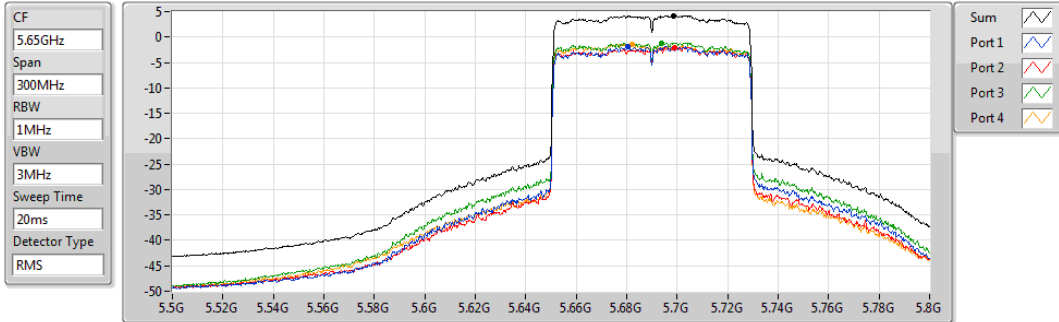
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.16	3.16	-2.81	-3.28	-2.48	-2.37

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

13/12/2018



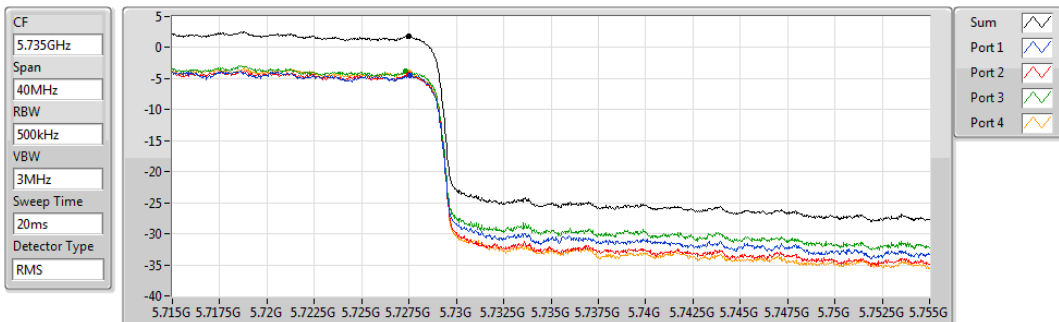
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.22	4.22	-1.77	-1.99	-1.13	-1.39

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

13/12/2018



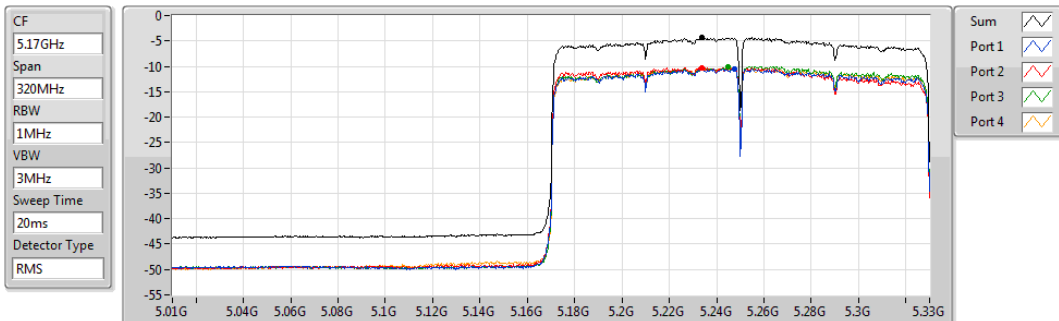
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.87	1.87	-4.46	-4.32	-3.79	-3.90

802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

13/12/2018



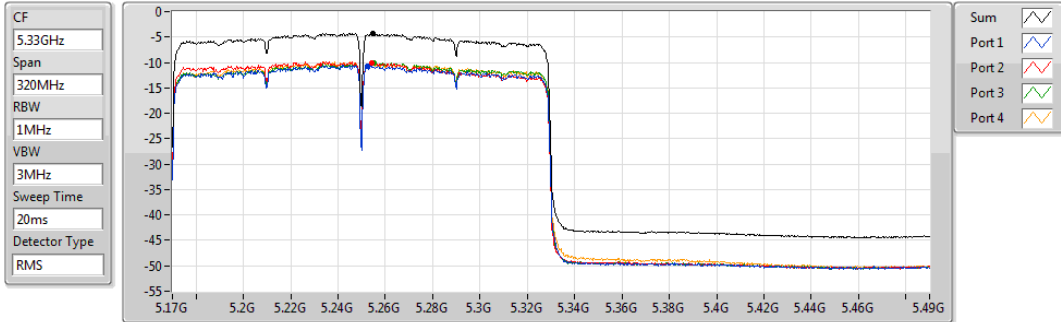
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.35	-4.35	-10.42	-10.21	-10.18	-10.24

802.11ax HEW160_Nss1,(MCS0)_4TX

5250MHz Straddle 5.25-5.35GHz

PSD

13/12/2018



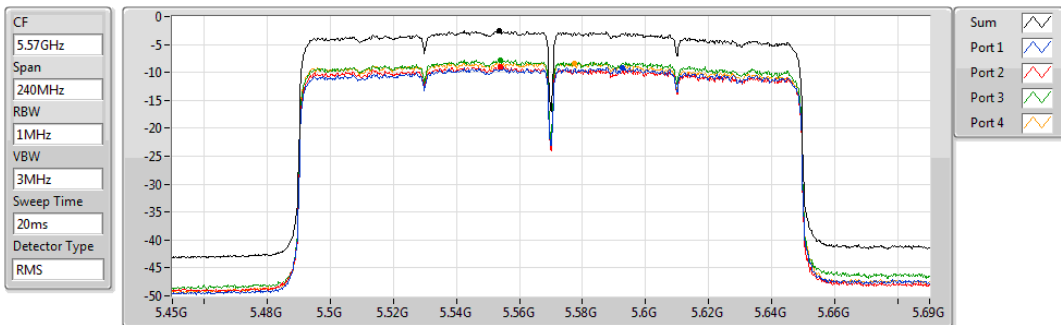
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.29	-4.29	-10.78	-10.05	-10.05	-10.08

802.11ax HEW160_Nss1,(MCS0)_4TX

5570MHz

PSD

13/12/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.59	-2.59	-9.13	-8.90	-7.82	-8.33

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-4.66
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.72
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	1.87
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.19
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-4.09
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.92
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	2.19
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.68
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-4.16
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	3.16
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.05
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-3.55

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.59	-1.42	-0.70	-1.29	-1.33	4.72	5.41
5300MHz	Pass	11.59	-1.59	-1.43	-1.35	-1.15	4.52	5.41
5320MHz	Pass	11.59	-1.18	-1.51	-1.54	-1.04	4.63	5.41
5500MHz	Pass	11.59	-2.06	-1.97	-1.27	-0.43	4.54	5.41
5580MHz	Pass	11.59	-2.24	-1.68	-1.30	-0.53	4.57	5.41
5700MHz	Pass	11.59	-1.70	-1.28	-1.22	-1.22	4.63	5.41
5720MHz Straddle 5.47-5.725GHz	Pass	11.59	-1.50	-0.69	-1.09	-0.86	4.92	5.41
5720MHz Straddle 5.725-5.85GHz	Pass	11.59	-3.53	-2.70	-2.65	-2.43	3.16	24.41
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.59	-4.10	-3.69	-3.94	-4.45	1.87	5.41
5310MHz	Pass	11.59	-4.65	-4.01	-4.24	-3.92	1.72	5.41
5510MHz	Pass	11.59	-6.27	-5.76	-5.33	-4.40	0.54	5.41
5550MHz	Pass	11.59	-5.05	-4.54	-4.01	-3.24	1.74	5.41
5670MHz	Pass	11.59	-5.24	-3.93	-4.88	-3.66	1.49	5.41
5710MHz Straddle 5.47-5.725GHz	Pass	11.59	-4.22	-3.64	-3.63	-3.35	2.19	5.41
5710MHz Straddle 5.725-5.85GHz	Pass	11.59	-6.60	-6.05	-5.60	-5.52	0.05	24.41
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.59	-7.02	-6.85	-7.41	-7.10	-1.19	5.41
5530MHz	Pass	11.59	-7.96	-7.54	-6.89	-6.20	-1.16	5.41
5610MHz	Pass	11.59	-7.86	-7.37	-7.12	-6.21	-1.23	5.41
5690MHz Straddle 5.47-5.725GHz	Pass	11.59	-7.32	-6.39	-6.56	-6.09	-0.68	5.41
5690MHz Straddle 5.725-5.85GHz	Pass	11.59	-10.59	-9.25	-9.45	-8.79	-3.55	24.41
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.59	-10.93	-10.30	-10.60	-10.24	-4.66	11.41
5250MHz Straddle 5.25-5.35GHz	Pass	11.59	-10.15	-10.13	-10.14	-9.70	-4.09	5.41
5570MHz	Pass	11.59	-10.29	-10.52	-9.98	-9.64	-4.16	5.41

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

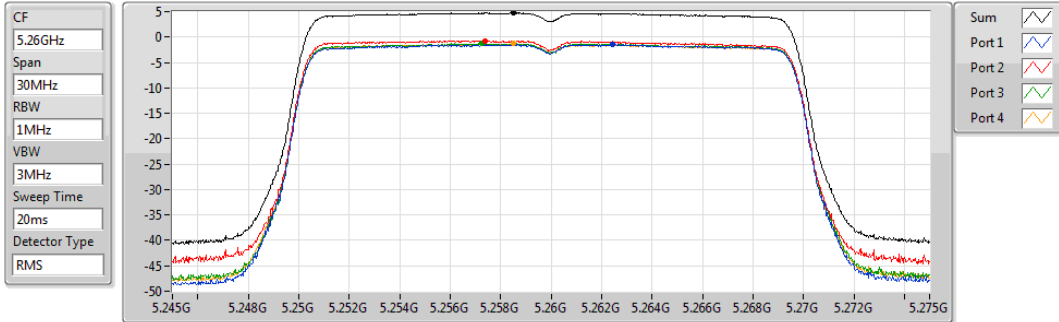
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

12/12/2018



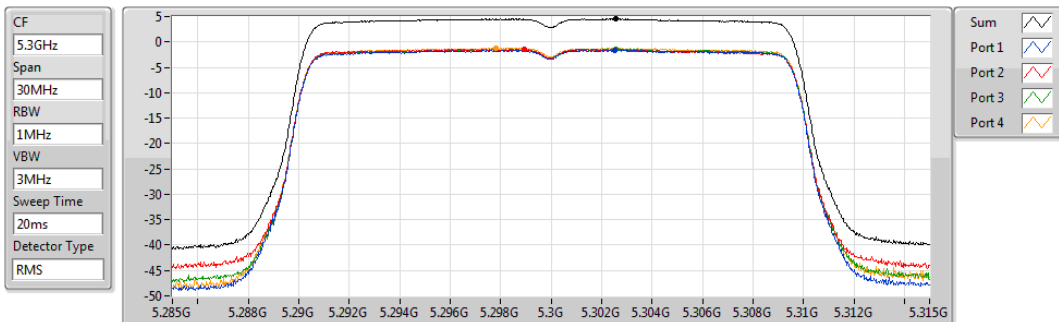
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.72	4.72	-1.42	-0.70	-1.29	-1.33

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

12/12/2018



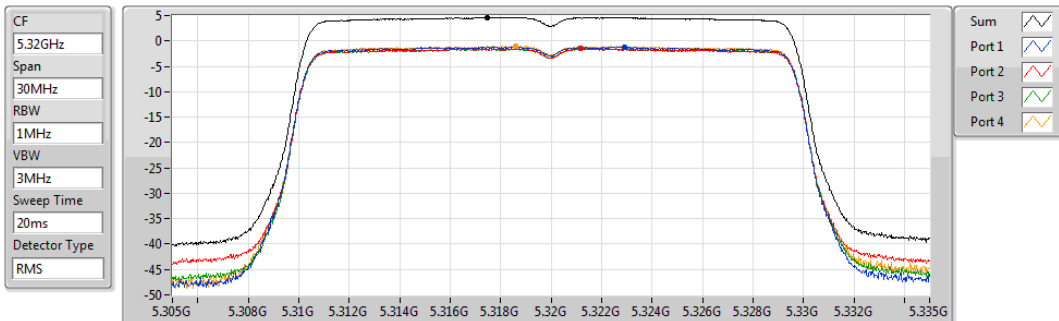
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.52	4.52	-1.59	-1.43	-1.35	-1.15

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

12/12/2018



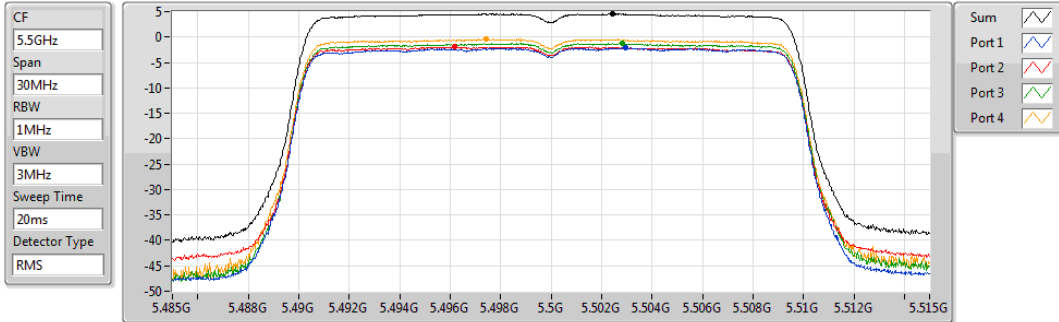
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.63	4.63	-1.18	-1.51	-1.54	-1.04

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

12/12/2018



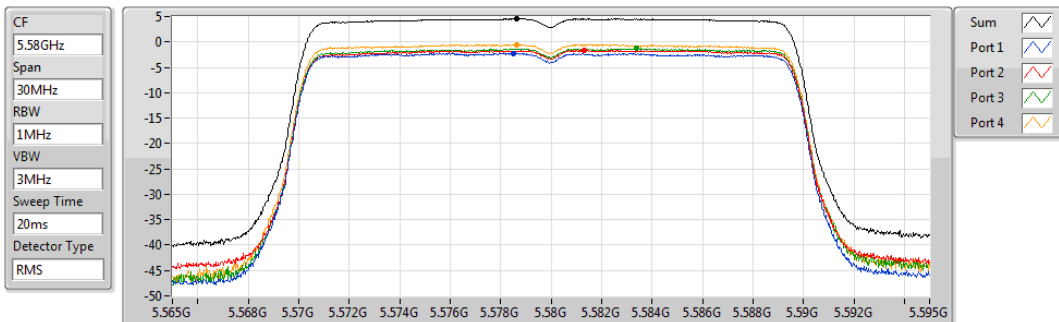
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.54	4.54	-2.06	-1.97	-1.27	-0.43

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

12/12/2018



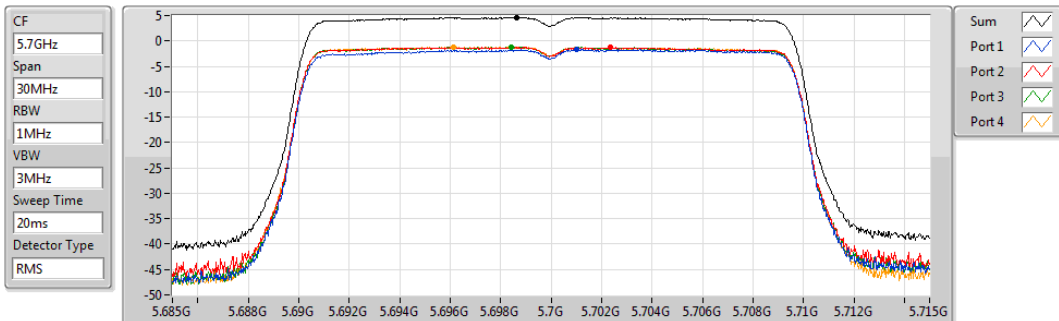
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.57	4.57	-2.24	-1.68	-1.30	-0.53

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

12/12/2018



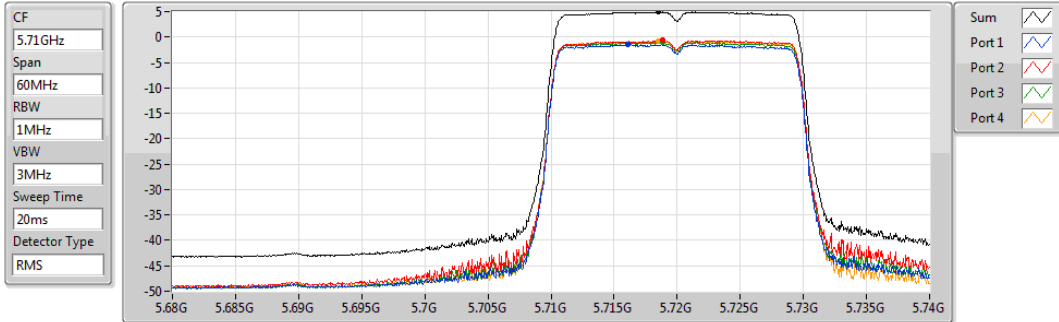
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.63	4.63	-1.70	-1.28	-1.22	-1.22

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

12/12/2018



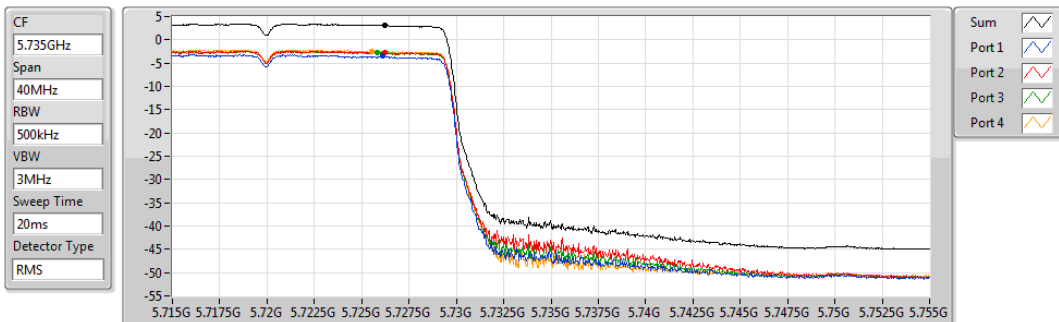
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.92	4.92	-1.50	-0.69	-1.09	-0.86

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

12/12/2018



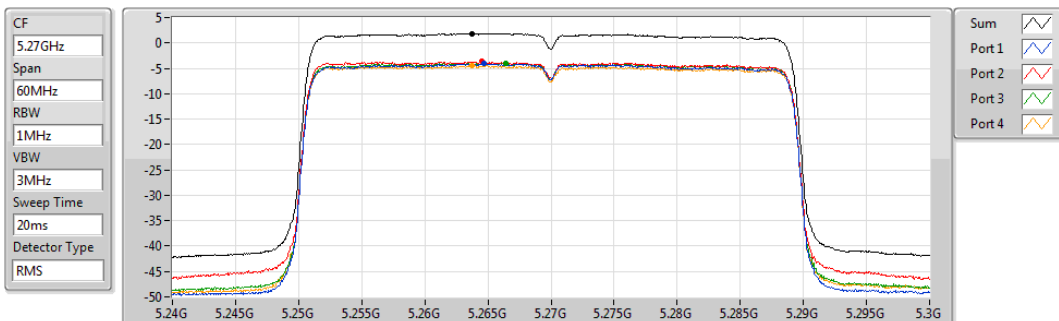
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.16	3.16	-3.53	-2.70	-2.65	-2.43

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

5270MHz

PSD

12/12/2018



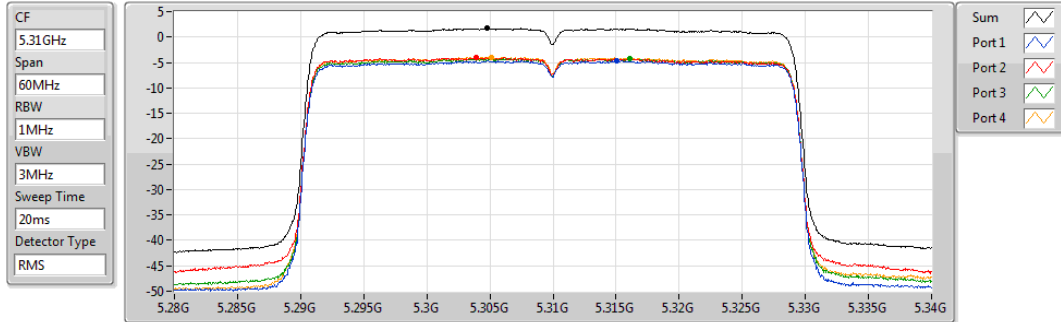
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.87	1.87	-4.10	-3.69	-3.94	-4.45

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

12/12/2018



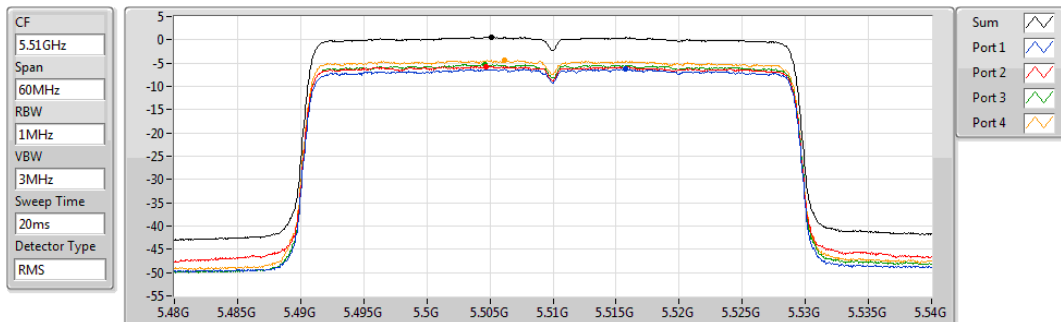
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.72	1.72	-4.65	-4.01	-4.24	-3.92

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

12/12/2018



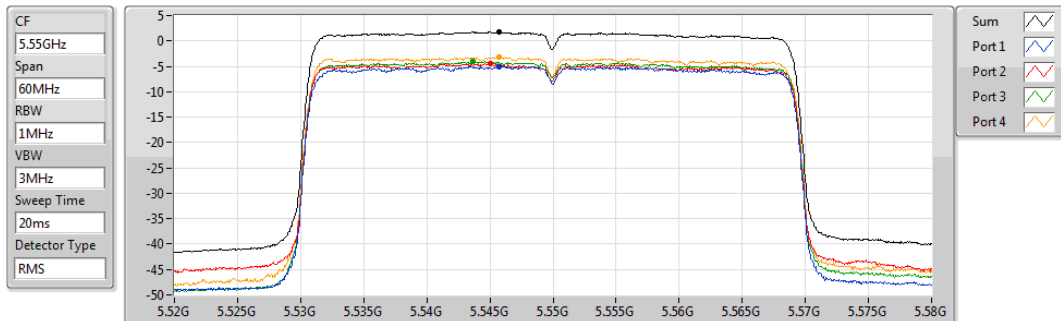
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.54	0.54	-6.27	-5.76	-5.33	-4.40

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

12/12/2018



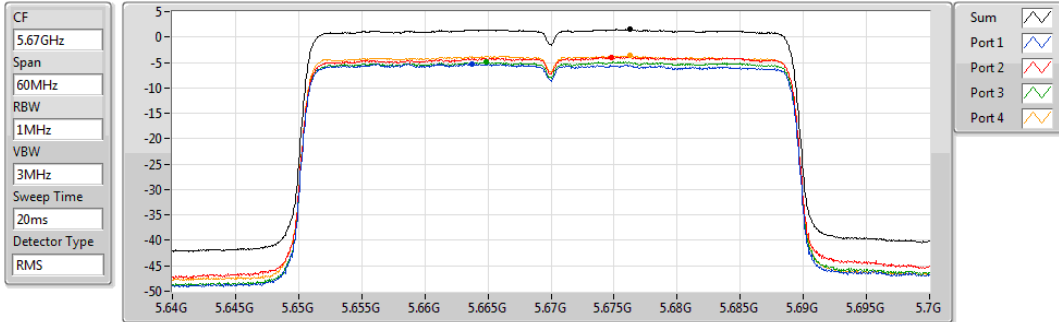
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.74	1.74	-5.05	-4.54	-4.01	-3.24

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

12/12/2018



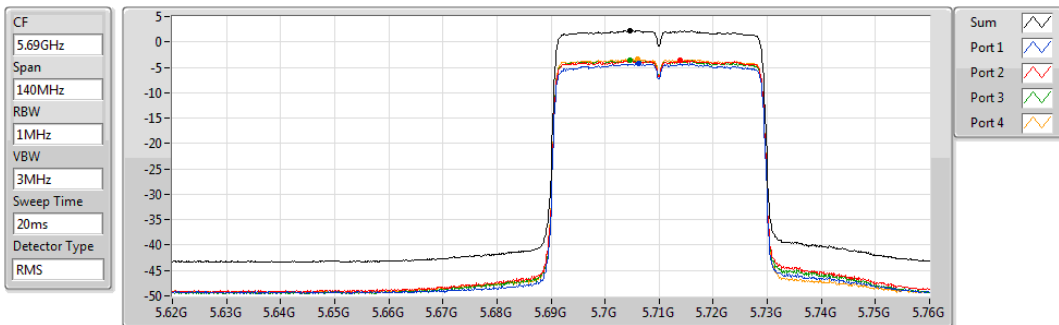
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.49	1.49	-5.24	-3.93	-4.88	-3.66

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

12/12/2018



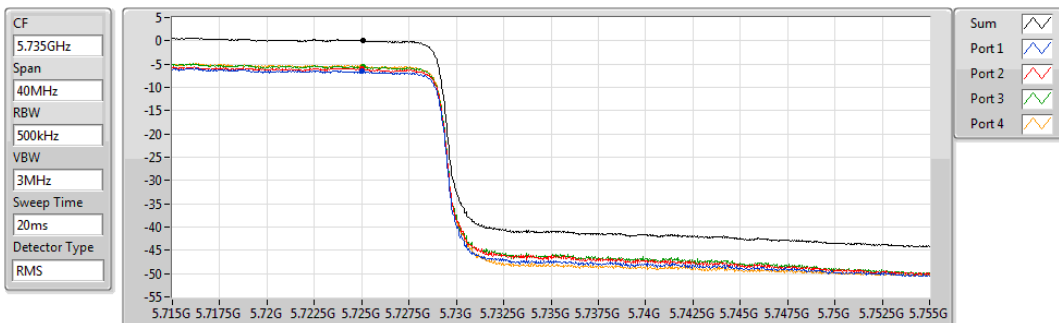
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.19	2.19	-4.22	-3.64	-3.63	-3.35

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

12/12/2018



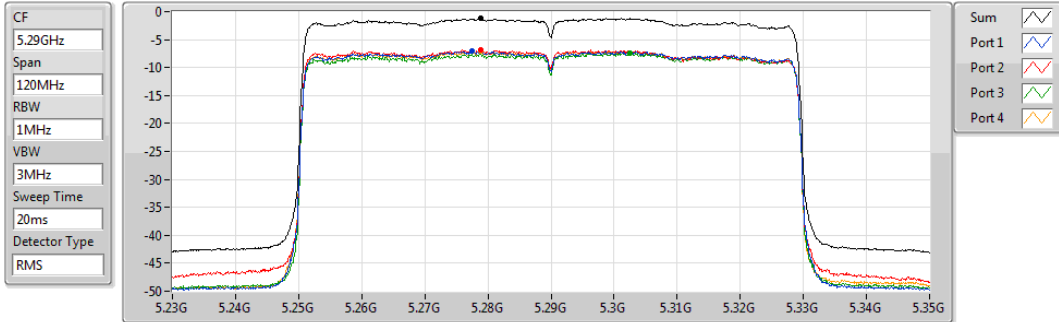
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.05	0.05	-6.60	-6.05	-5.60	-5.52

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

12/12/2018



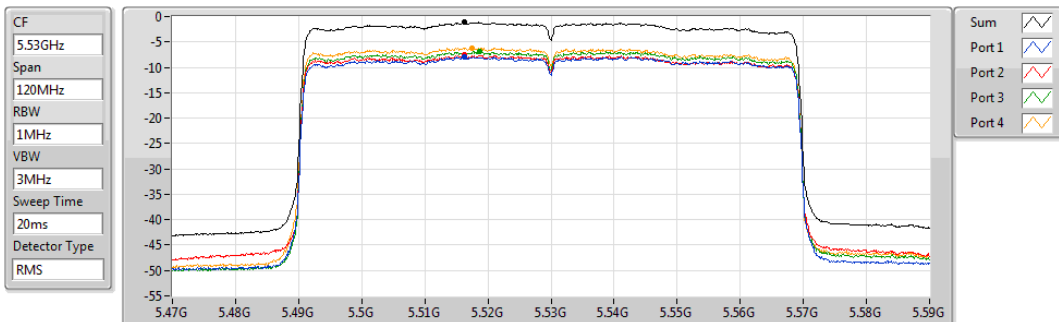
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.19	-1.19	-7.02	-6.85	-7.41	-7.10

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

12/12/2018



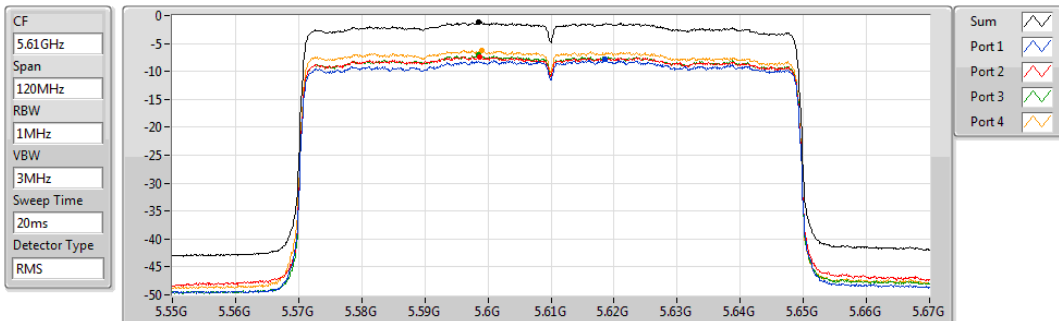
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.16	-1.16	-7.96	-7.54	-6.89	-6.20

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

12/12/2018



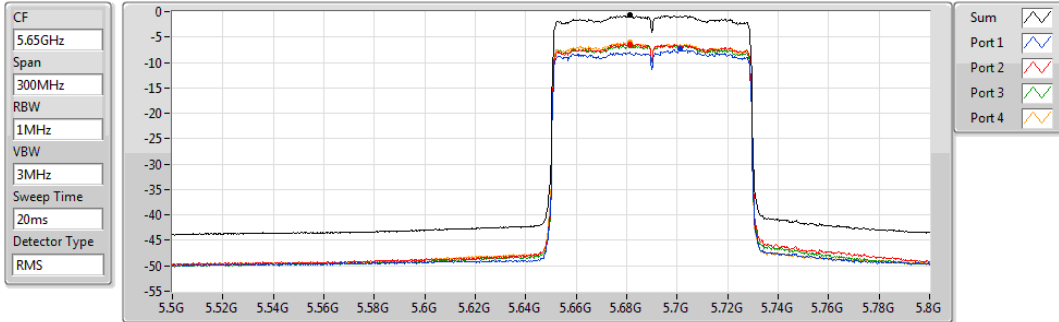
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.23	-1.23	-7.86	-7.37	-7.12	-6.21

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

12/12/2018



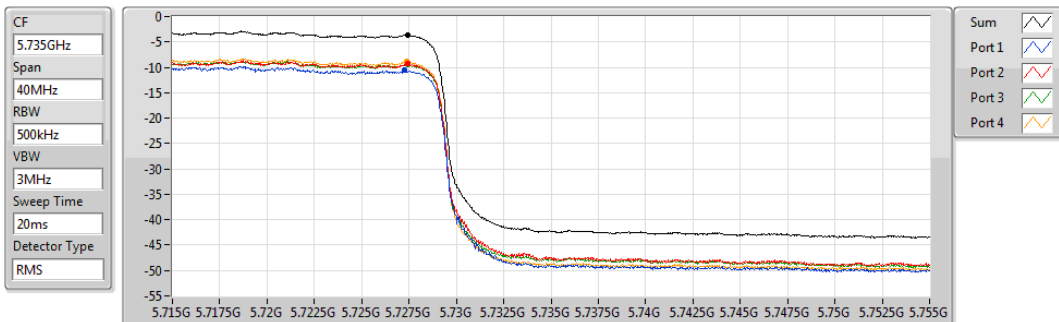
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.68	-0.68	-7.32	-6.39	-6.56	-6.09

802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

12/12/2018



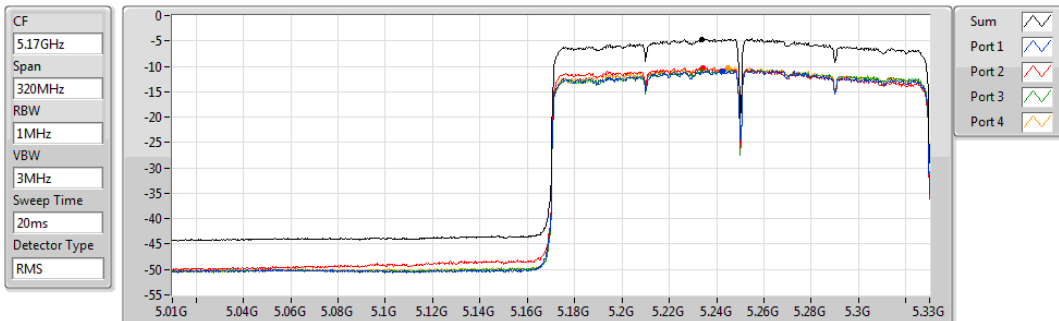
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.55	-3.55	-10.59	-9.25	-9.45	-8.79

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

12/12/2018



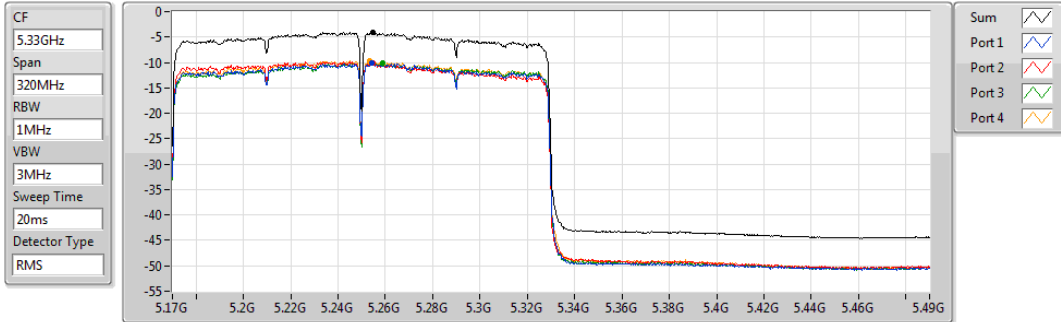
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.66	-4.66	-10.93	-10.30	-10.60	-10.24

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

12/12/2018



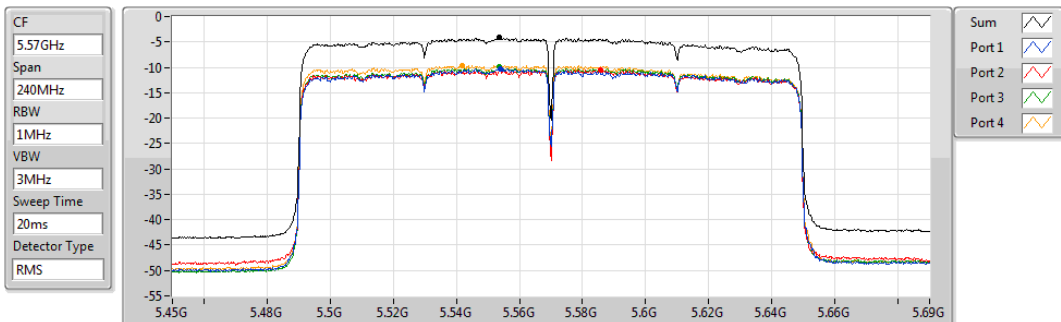
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.09	-4.09	-10.15	-10.13	-10.14	-9.70

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz

12/12/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.16	-4.16	-10.29	-10.52	-9.98	-9.64

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss4,(MCS0)_4TX	-3.89
5.25-5.35GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	10.36
802.11ax HEW40_Nss4,(MCS0)_4TX	7.75
802.11ax HEW80_Nss4,(MCS0)_4TX	0.69
802.11ax HEW160_Nss4,(MCS0)_4TX	-3.12
5.47-5.725GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	8.74
802.11ax HEW40_Nss4,(MCS0)_4TX	7.39
802.11ax HEW80_Nss4,(MCS0)_4TX	4.38
802.11ax HEW160_Nss4,(MCS0)_4TX	-2.49
5.725-5.85GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	3.46
802.11ax HEW40_Nss4,(MCS0)_4TX	2.63
802.11ax HEW80_Nss4,(MCS0)_4TX	1.80

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.58	4.11	4.51	4.82	4.54	10.36	11.00
5300MHz	Pass	5.58	4.07	4.54	4.26	4.65	10.29	11.00
5320MHz	Pass	5.58	2.42	2.67	2.73	2.71	8.55	11.00
5500MHz	Pass	5.58	1.98	2.03	3.50	3.67	8.74	11.00
5580MHz	Pass	5.58	1.35	1.05	2.79	3.01	7.99	11.00
5700MHz	Pass	5.58	0.63	0.41	1.50	1.06	6.80	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.58	-1.23	-1.40	-0.41	-0.99	4.91	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.58	-2.64	-3.00	-1.85	-2.61	3.46	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.58	1.69	2.16	2.06	1.71	7.75	11.00
5310MHz	Pass	5.58	-3.01	-2.73	-2.96	-3.02	2.98	11.00
5510MHz	Pass	5.58	-2.96	-2.76	-1.43	-1.73	3.71	11.00
5550MHz	Pass	5.58	0.84	0.69	2.20	1.88	7.39	11.00
5670MHz	Pass	5.58	-1.98	-2.32	-1.74	-1.04	4.16	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.58	-1.41	-1.29	-1.14	-0.88	4.74	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.58	-3.56	-3.50	-3.35	-2.90	2.63	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.58	-5.46	-5.17	-4.94	-4.88	0.69	11.00
5530MHz	Pass	5.58	-5.78	-6.19	-4.53	-4.34	0.82	11.00
5610MHz	Pass	5.58	-1.97	-2.32	-1.48	-1.64	4.08	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.58	-1.79	-1.67	-1.41	-1.03	4.38	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.58	-4.48	-4.09	-4.04	-3.82	1.80	30.00
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.58	-10.37	-9.78	-9.47	-9.30	-3.89	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.58	-9.74	-8.97	-8.69	-8.89	-3.12	11.00
5570MHz	Pass	5.58	-8.40	-8.94	-8.21	-7.63	-2.49	11.00

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

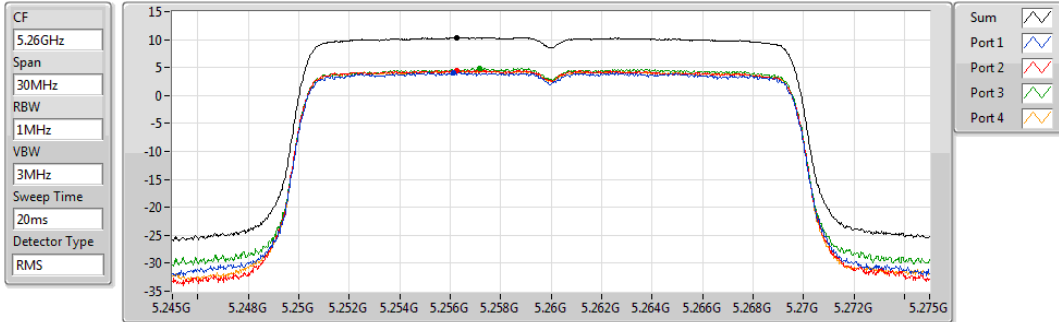
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5260MHz

13/12/2018



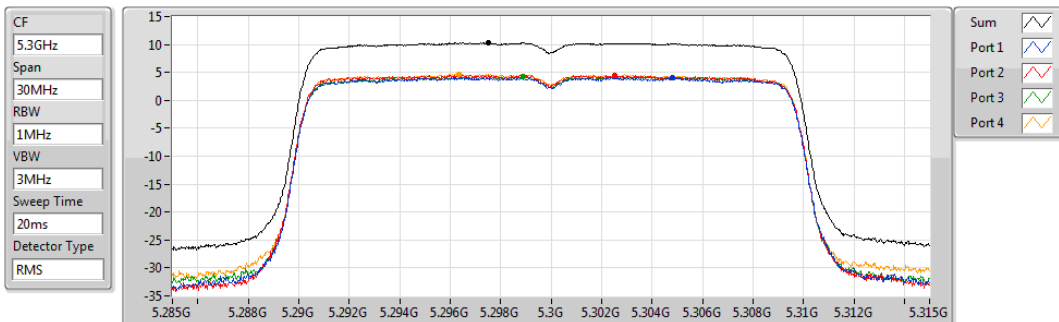
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.36	10.36	4.11	4.51	4.82	4.54

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5300MHz

13/12/2018



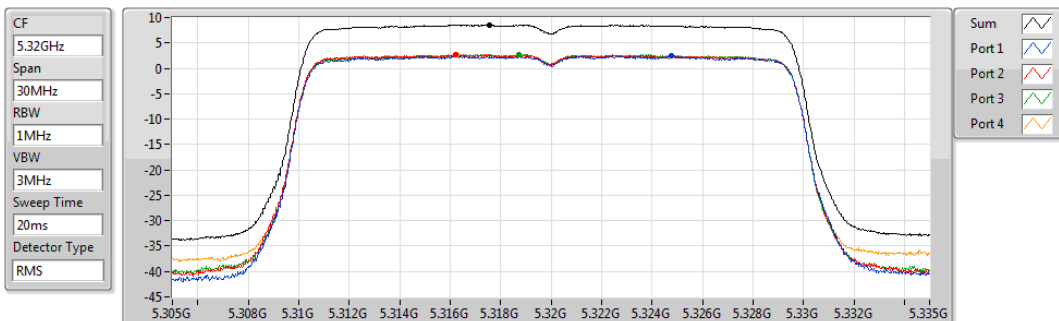
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.29	10.29	4.07	4.54	4.26	4.65

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5320MHz

13/12/2018



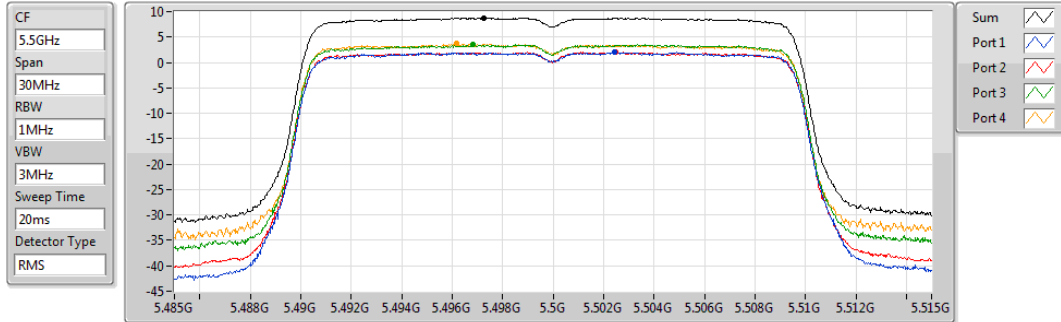
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	2.42	2.67	2.73	2.71

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5500MHz

13/12/2018

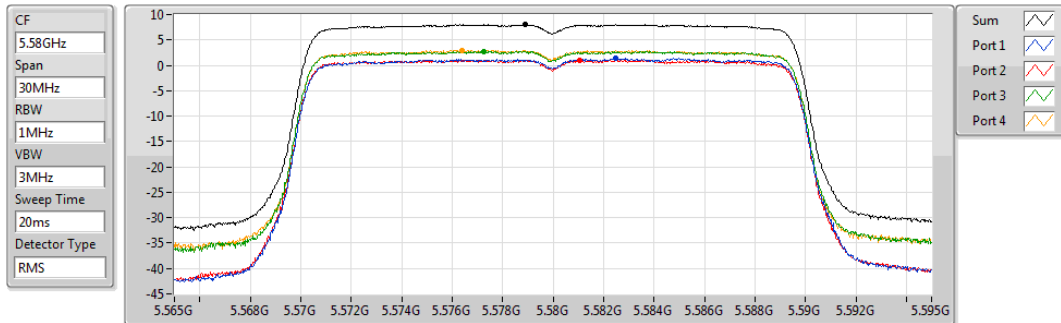


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5580MHz

13/12/2018

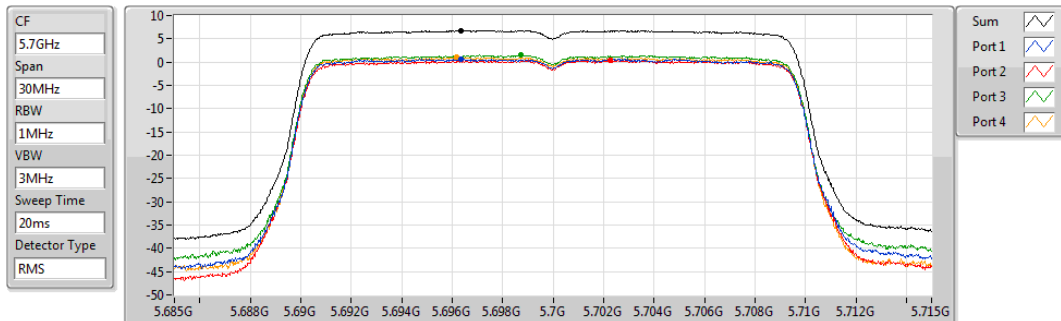


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5700MHz

13/12/2018

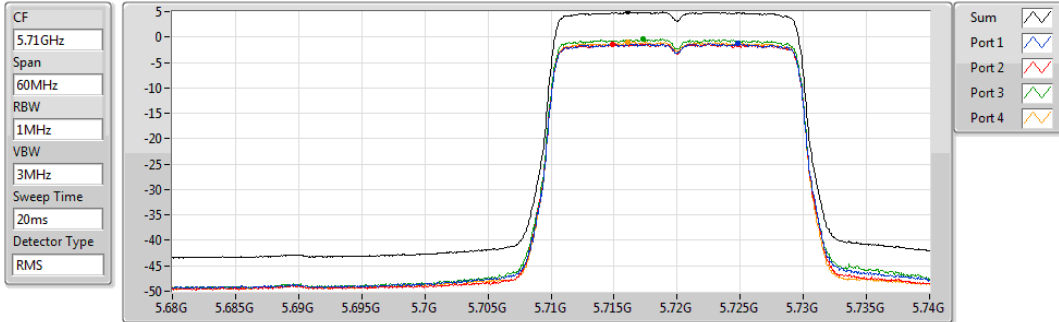


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

13/12/2018



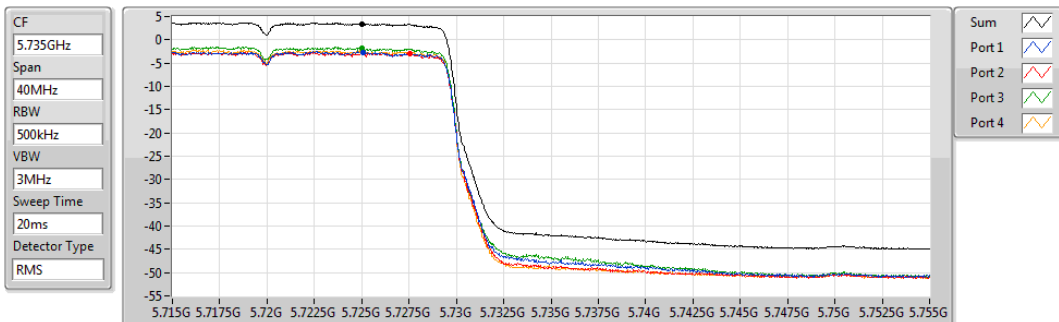
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.91	4.91	-1.23	-1.40	-0.41	-0.99

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

13/12/2018



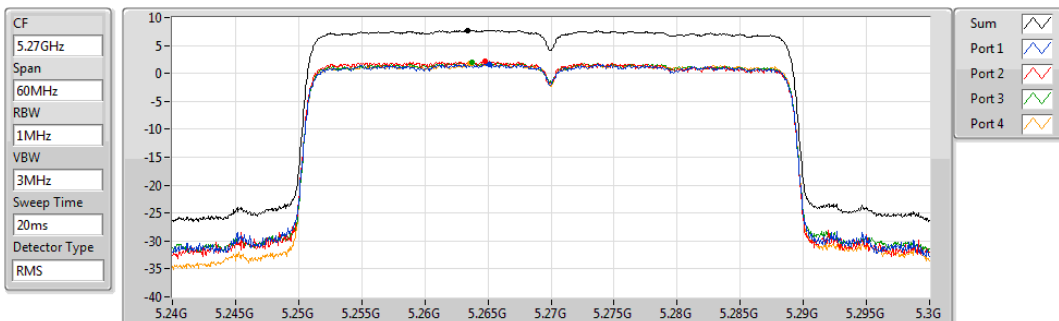
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.46	3.46	-2.64	-3.00	-1.85	-2.61

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5270MHz

13/12/2018



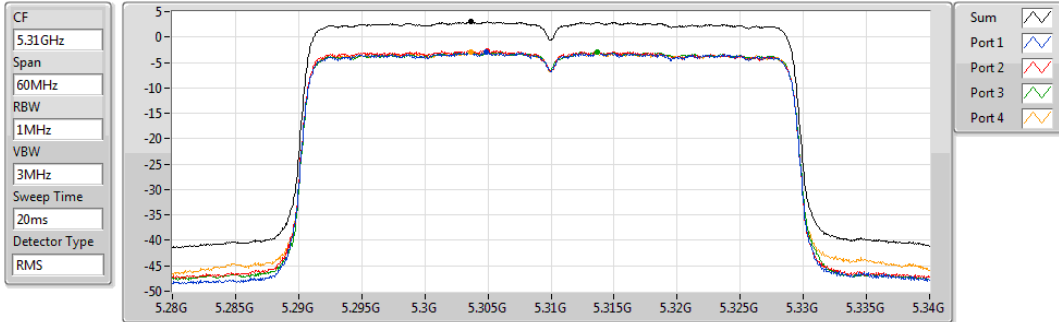
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	1.69	2.16	2.06	1.71

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5310MHz

13/12/2018



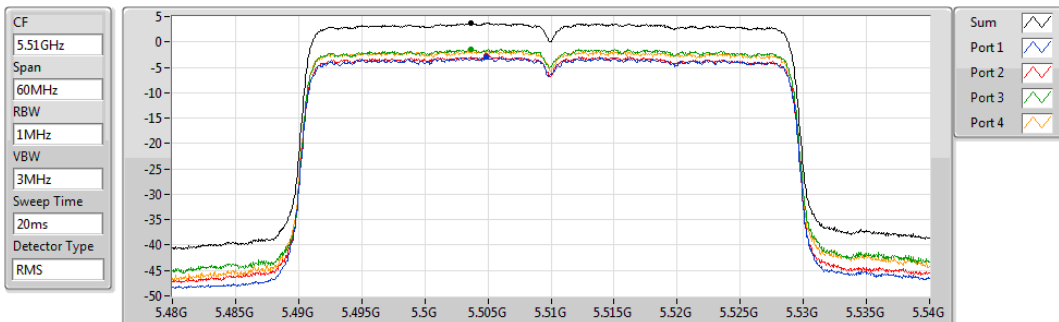
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.98	2.98	-3.01	-2.73	-2.96	-3.02

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5510MHz

13/12/2018



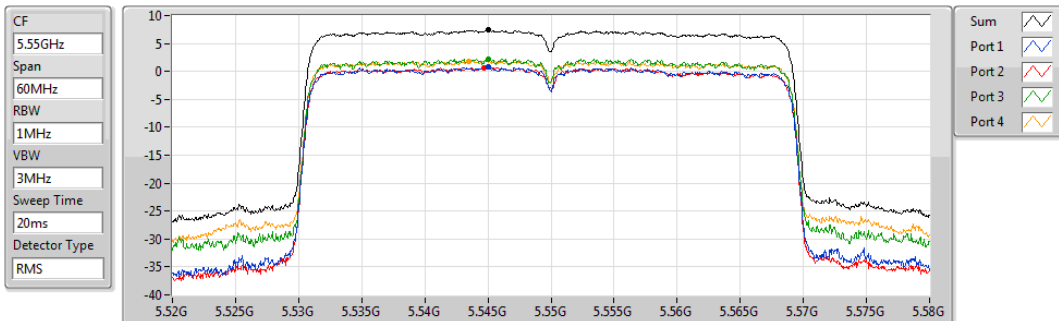
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.71	3.71	-2.96	-2.76	-1.43	-1.73

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5550MHz

13/12/2018



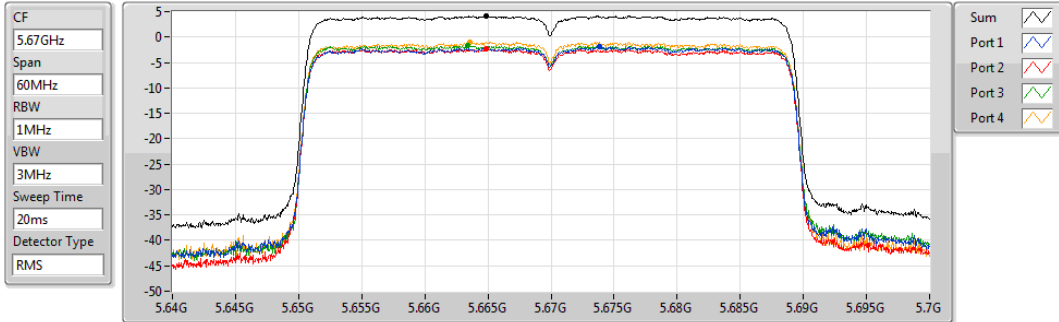
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.39	7.39	0.84	0.69	2.20	1.88

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5670MHz

14/12/2018



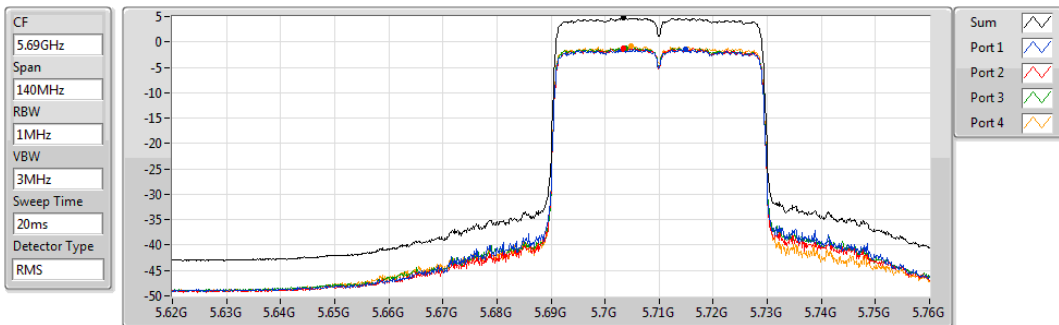
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.16	4.16	-1.98	-2.32	-1.74	-1.04

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

14/12/2018



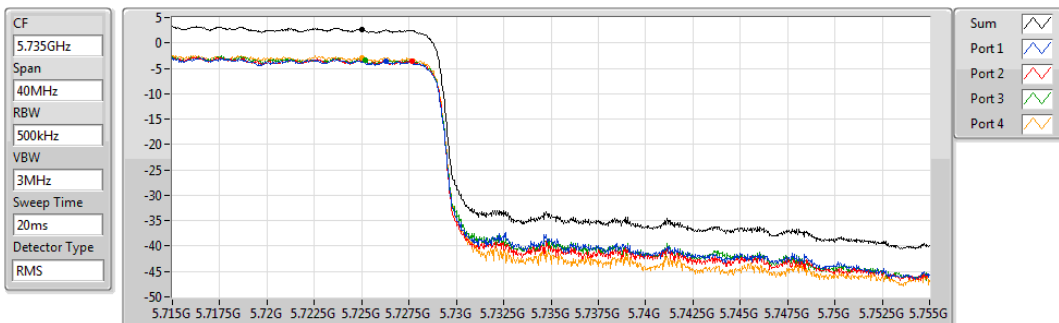
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.74	4.74	-1.41	-1.29	-1.14	-0.88

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

14/12/2018



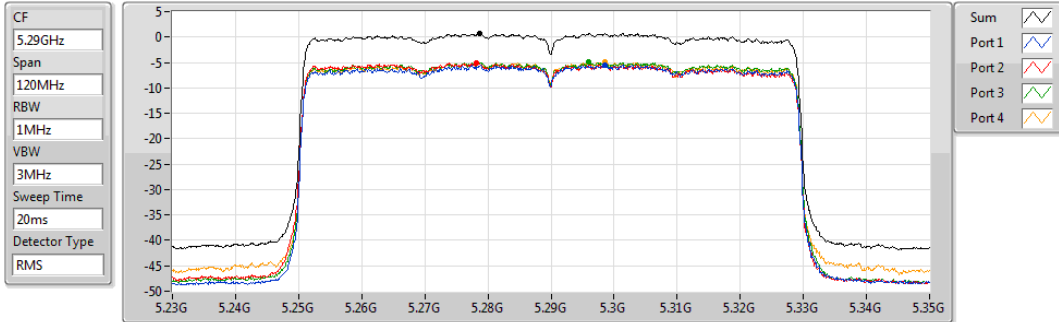
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.63	2.63	-3.56	-3.50	-3.35	-2.90

802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5290MHz

14/12/2018



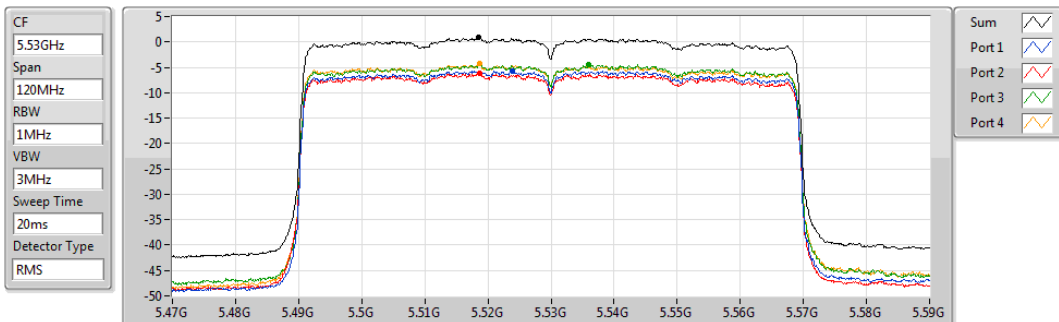
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.69	0.69	-5.46	-5.17	-4.94	-4.88

802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5530MHz

14/12/2018



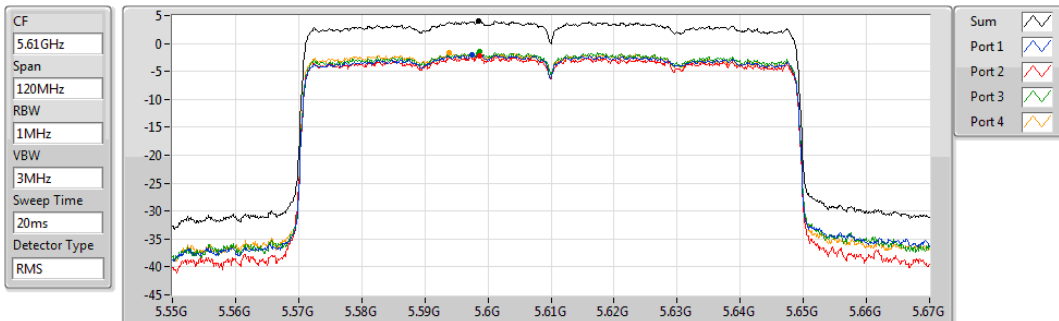
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.82	0.82	-5.78	-6.19	-4.53	-4.34

802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5610MHz

14/12/2018



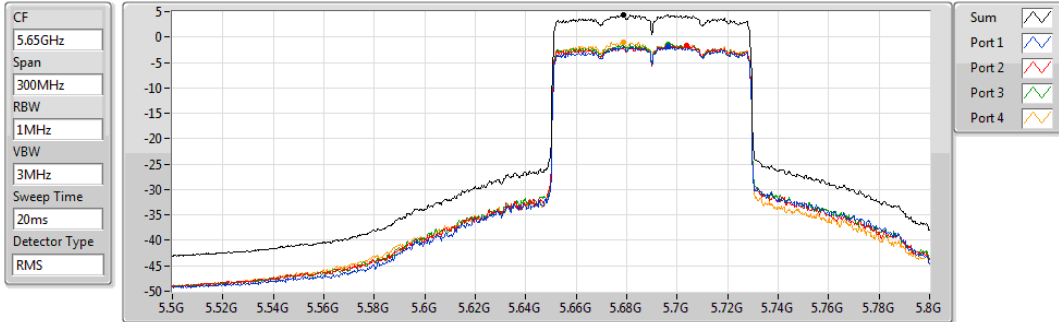
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.08	4.08	-1.97	-2.32	-1.48	-1.64

802.11ax HEW80_Nss4,(MCS0)_4TX

5690MHz Straddle 5.47-5.725GHz

PSD

14/12/2018



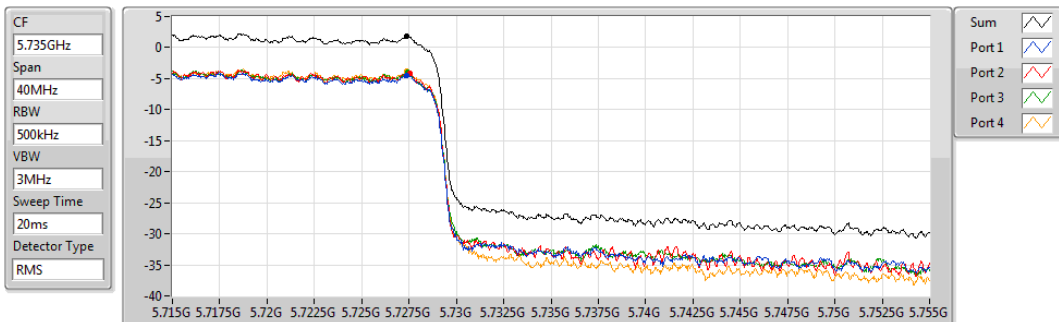
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.38	4.38	-1.79	-1.67	-1.41	-1.03

802.11ax HEW80_Nss4,(MCS0)_4TX

5690MHz Straddle 5.725-5.85GHz

PSD

14/12/2018



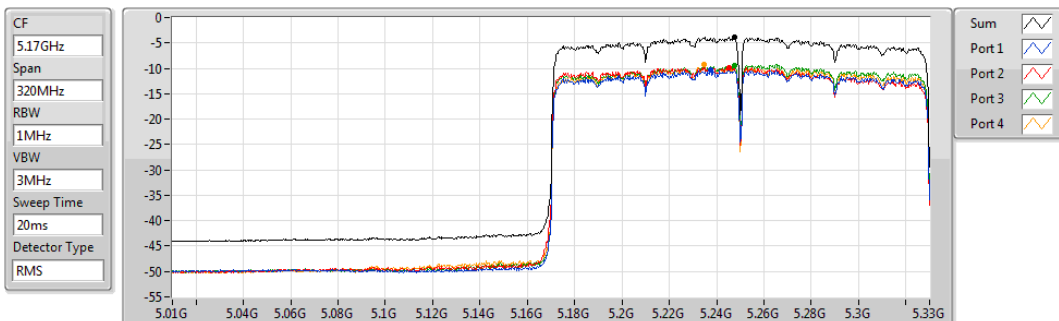
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.80	1.80	-4.48	-4.09	-4.04	-3.82

802.11ax HEW160_Nss4,(MCS0)_4TX

5250MHz Straddle 5.15-5.25GHz

PSD

14/12/2018



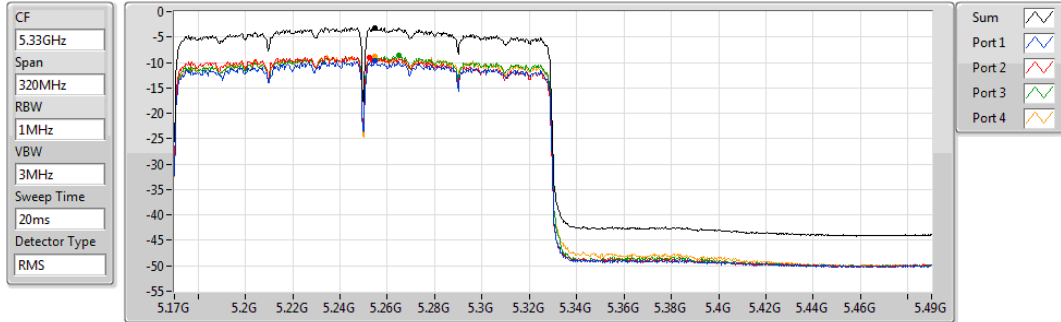
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.89	-3.89	-10.37	-9.78	-9.47	-9.30

802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

14/12/2018



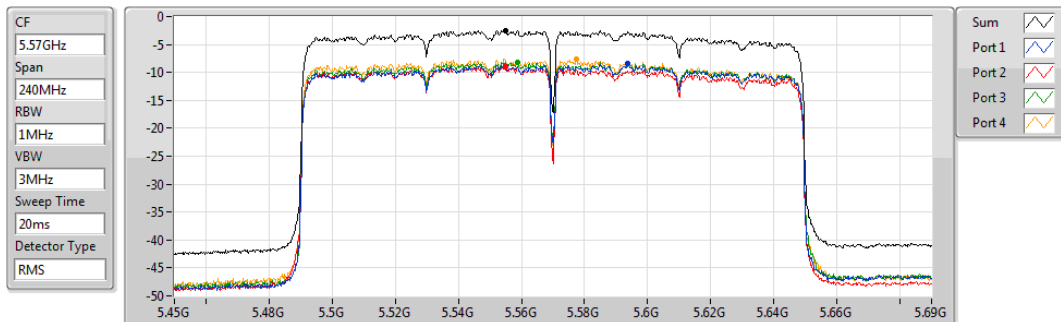
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.12	-3.12	-9.74	-8.97	-8.69	-8.89

802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5570MHz

14/12/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.49	-2.49	-8.40	-8.94	-8.21	-7.63

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.11
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.77
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	4.25

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	4.57	5.15	5.15	11.00
5300MHz	Pass	4.57	7.11	7.11	11.00
5320MHz	Pass	4.57	6.02	6.02	11.00
5500MHz	Pass	4.57	5.26	5.26	11.00
5580MHz	Pass	4.57	6.77	6.77	11.00
5700MHz	Pass	4.57	3.68	3.68	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.57	5.95	5.95	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.57	4.25	4.25	30.00

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

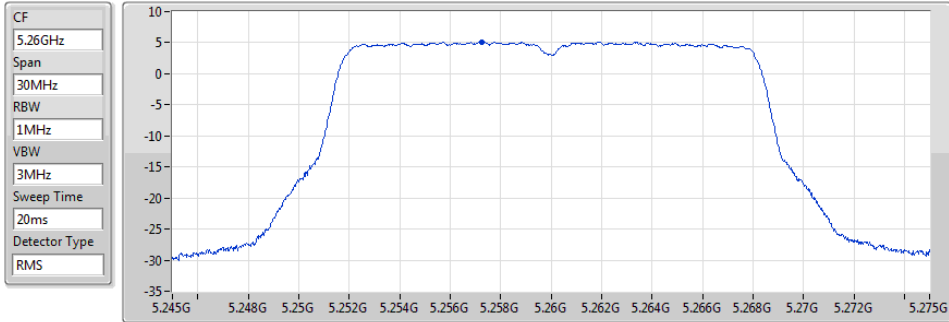
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

11/12/2018



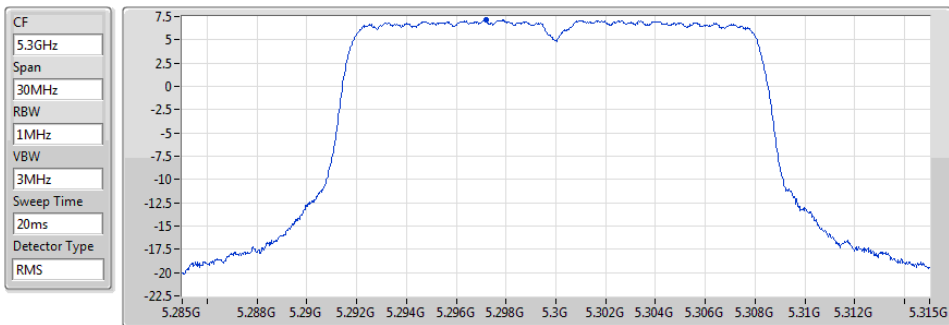
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.15	5.15	5.15

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

11/12/2018



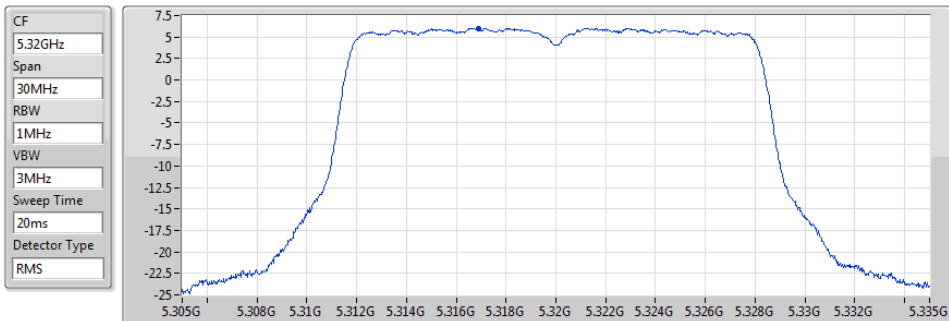
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.11	7.11	7.11

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

11/12/2018



Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.02	6.02	6.02

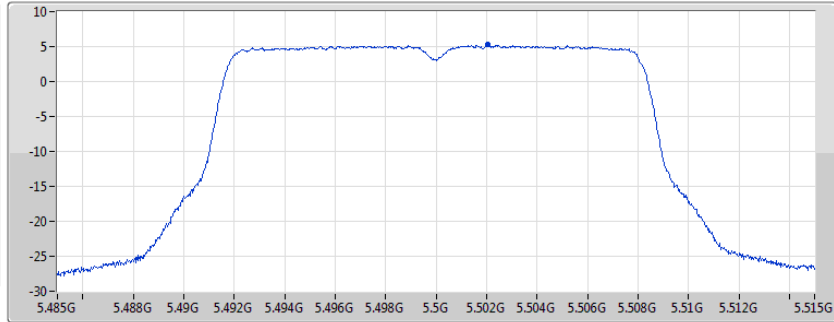
802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

11/12/2018

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.26	5.26	5.26

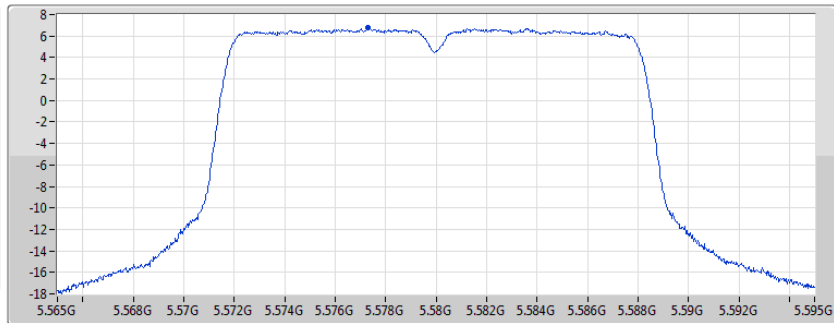
802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

11/12/2018

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.77	6.77	6.77

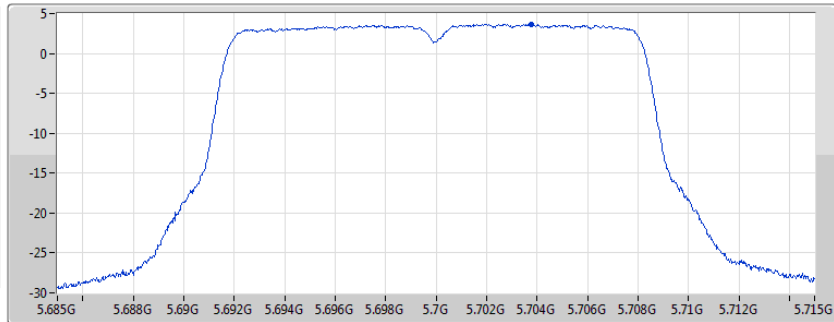
802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

11/12/2018

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



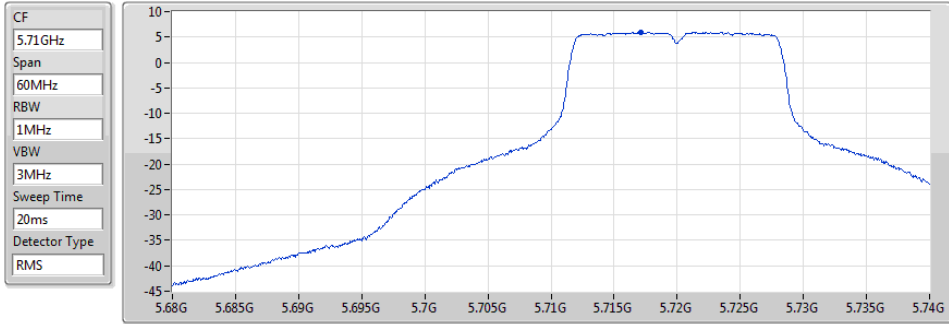
Port 1

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

802.11a_Nss1,(6Mbps)_1TX
5720MHz Straddle 5.47-5.725GHz

PSD

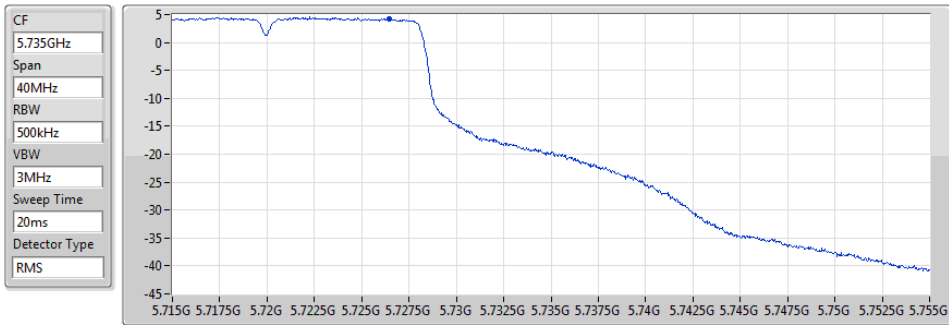
11/12/2018



802.11a_Nss1,(6Mbps)_1TX
5720MHz Straddle 5.725-5.85GHz

PSD

11/12/2018



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_1TX	-7.35
5.25-5.35GHz	-
802.11ax HEW20_Nss1,(MCS0)_1TX	5.48
802.11ax HEW40_Nss1,(MCS0)_1TX	1.16
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.87
802.11ax HEW160_Nss1,(MCS0)_1TX	-7.22
5.47-5.725GHz	-
802.11ax HEW20_Nss1,(MCS0)_1TX	6.68
802.11ax HEW40_Nss1,(MCS0)_1TX	3.72
802.11ax HEW80_Nss1,(MCS0)_1TX	0.22
802.11ax HEW160_Nss1,(MCS0)_1TX	-6.79
5.725-5.85GHz	-
802.11ax HEW20_Nss1,(MCS0)_1TX	3.93
802.11ax HEW40_Nss1,(MCS0)_1TX	1.55
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.11

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	4.57	4.73	4.73	11.00
5300MHz	Pass	4.57	5.48	5.48	11.00
5320MHz	Pass	4.57	3.90	3.90	11.00
5500MHz	Pass	4.57	4.22	4.22	11.00
5580MHz	Pass	4.57	6.68	6.68	11.00
5700MHz	Pass	4.57	1.71	1.71	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.57	5.52	5.52	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.57	3.93	3.93	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	4.57	1.16	1.16	11.00
5310MHz	Pass	4.57	-0.10	-0.10	11.00
5510MHz	Pass	4.57	-0.05	-0.05	11.00
5550MHz	Pass	4.57	3.72	3.72	11.00
5670MHz	Pass	4.57	0.23	0.23	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.57	3.56	3.56	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.57	1.55	1.55	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	4.57	-3.87	-3.87	11.00
5530MHz	Pass	4.57	-3.21	-3.21	11.00
5610MHz	Pass	4.57	-0.72	-0.72	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.57	0.22	0.22	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.57	-2.11	-2.11	30.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.57	-7.35	-7.35	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.57	-7.22	-7.22	11.00
5570MHz	Pass	4.57	-6.79	-6.79	11.00

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

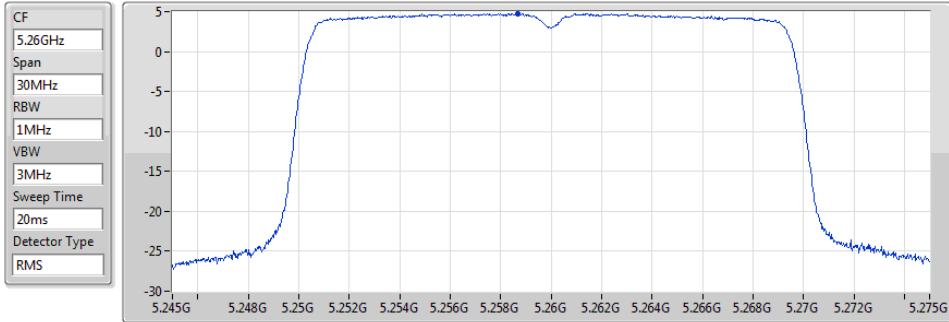
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

11/12/2018

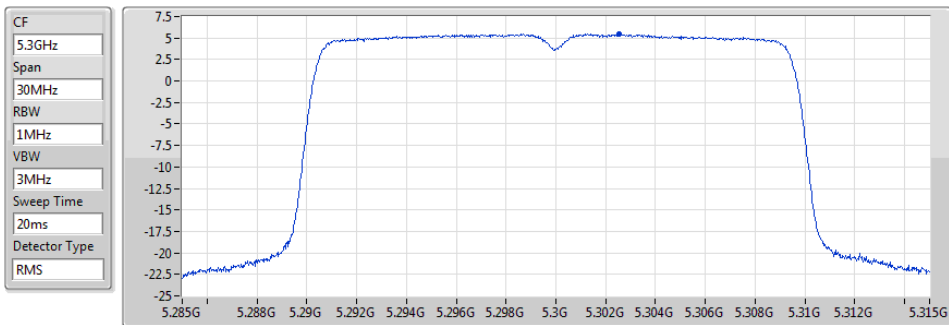


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

11/12/2018

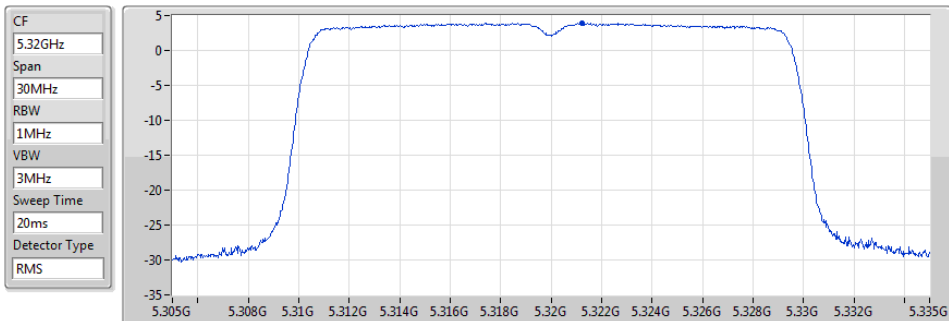


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

11/12/2018

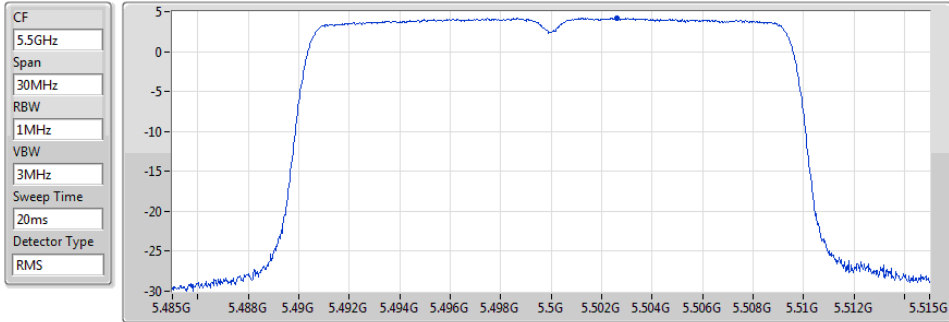


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

11/12/2018



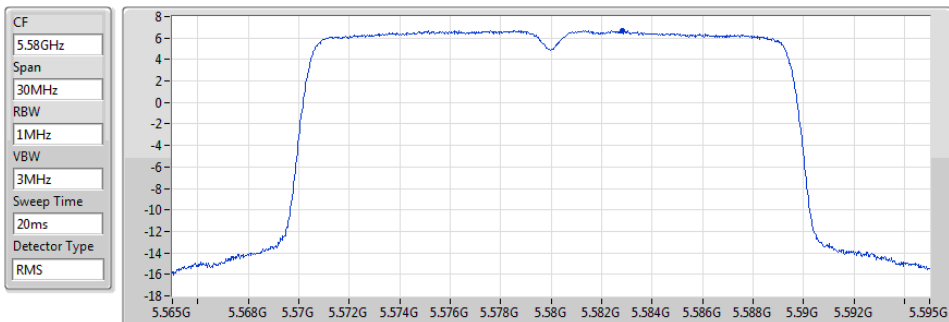
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.22	4.22	4.22

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

11/12/2018



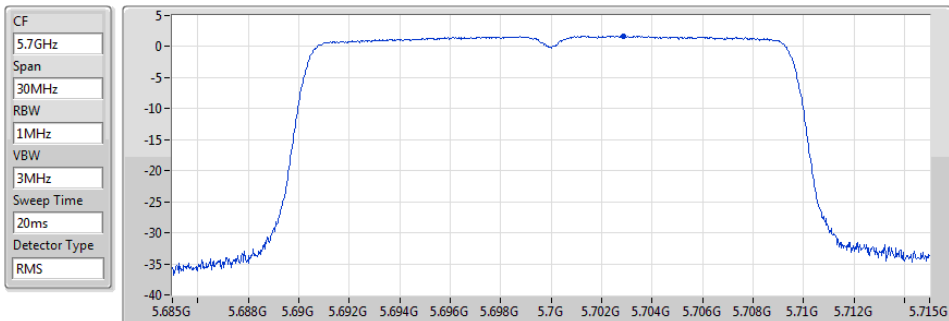
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.68	6.68	6.68

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

11/12/2018



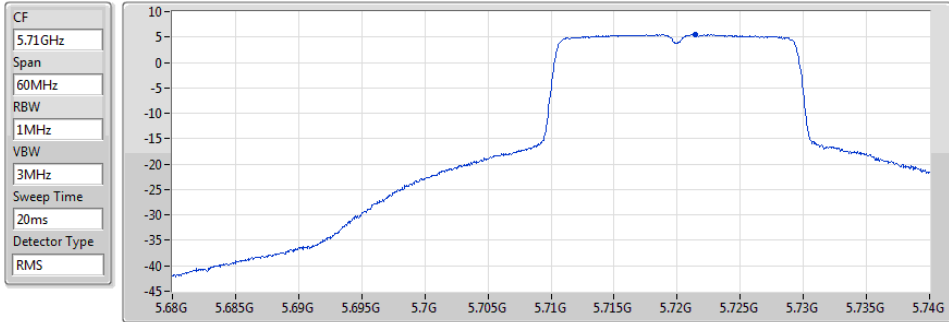
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.71	1.71	1.71

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

11/12/2018



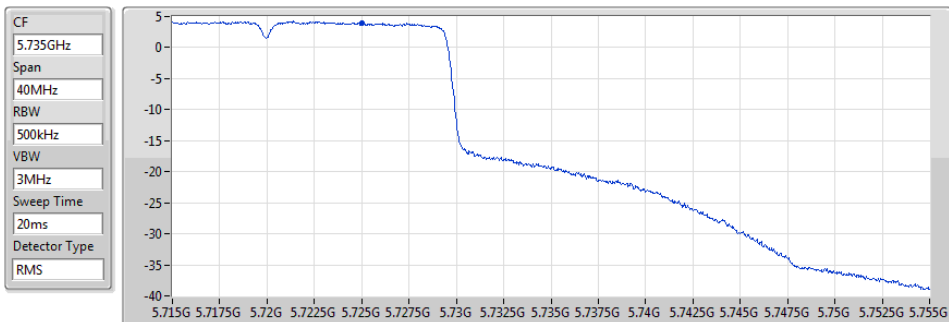
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.52	5.52	5.52

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

11/12/2018



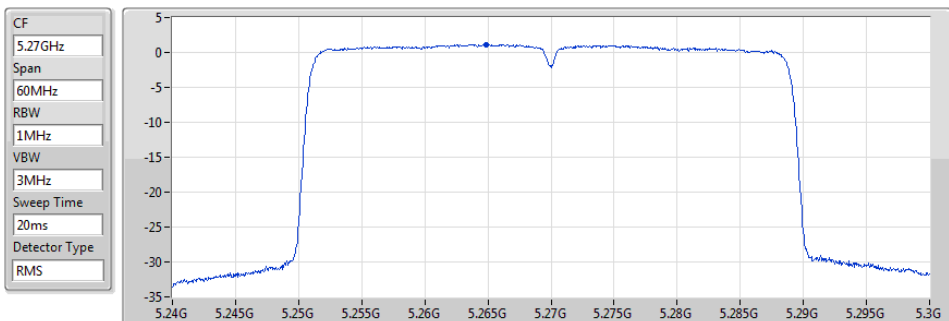
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.93	3.93	3.93

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

11/12/2018



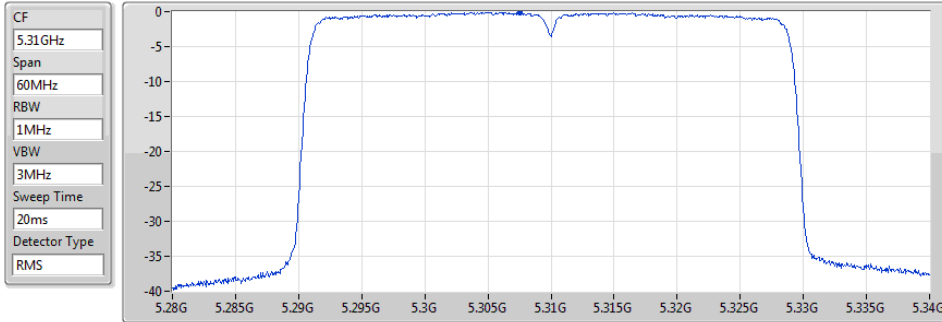
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.16	1.16	1.16

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

11/12/2018



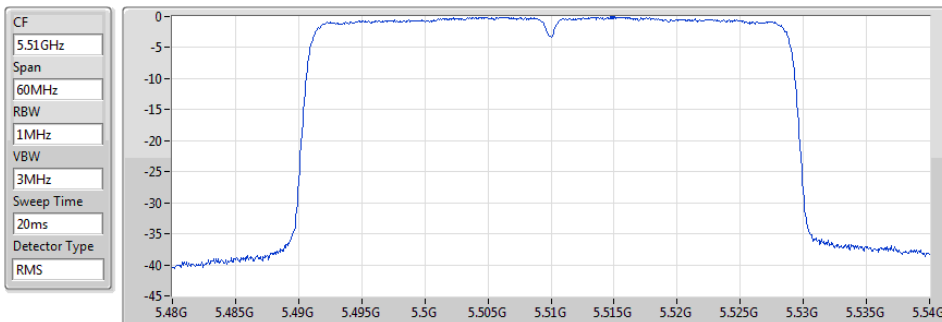
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.10	-0.10	-0.10

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

11/12/2018



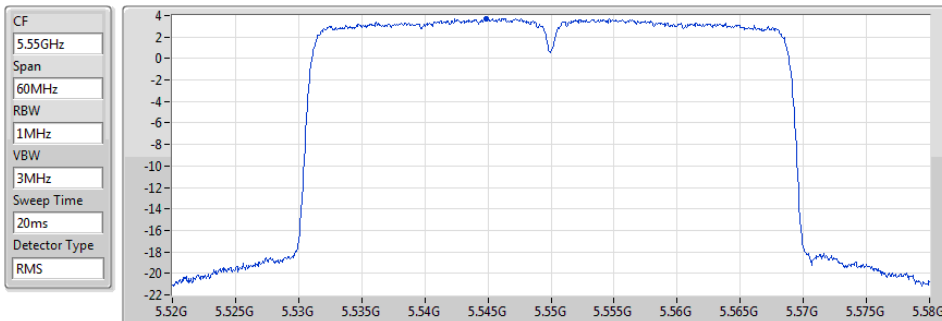
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.05	-0.05	-0.05

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

11/12/2018



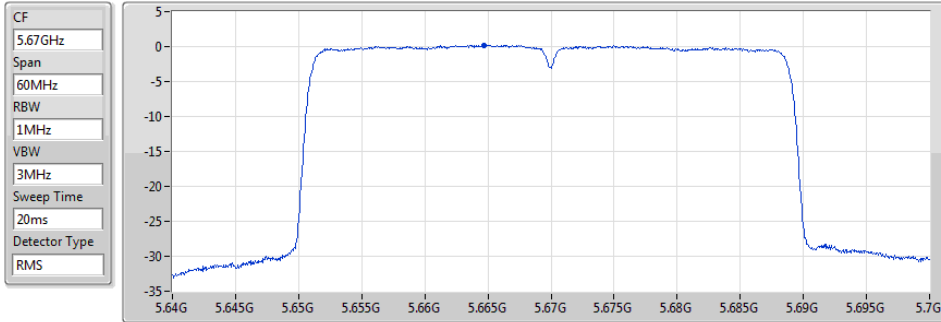
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.72	3.72	3.72

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

11/12/2018



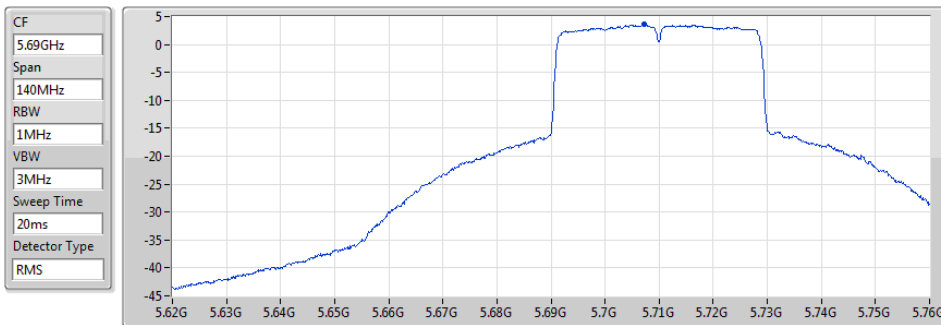
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
0.23	0.23	0.23

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

11/12/2018



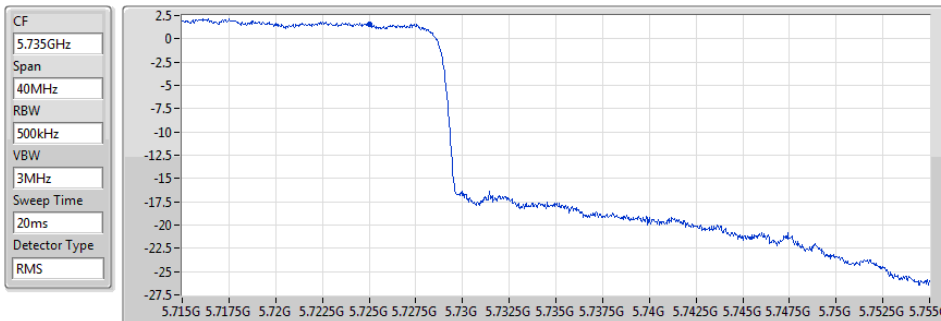
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.56	3.56	3.56

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

11/12/2018



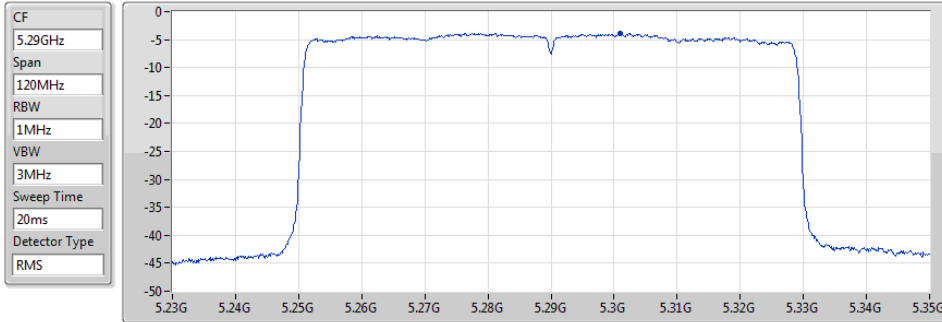
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.55	1.55	1.55

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

11/12/2018



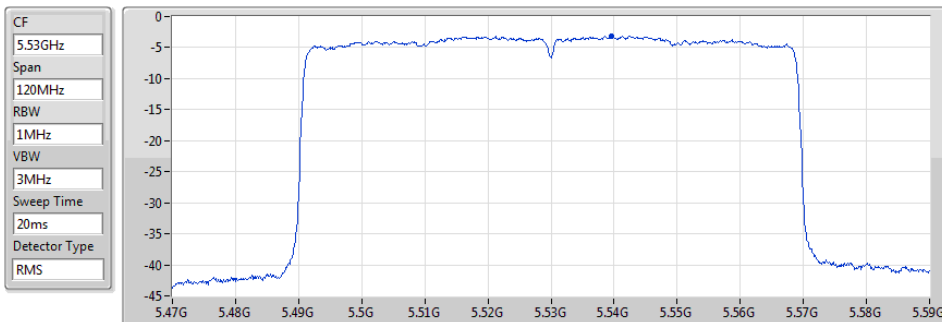
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.87	-3.87	-3.87

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

11/12/2018



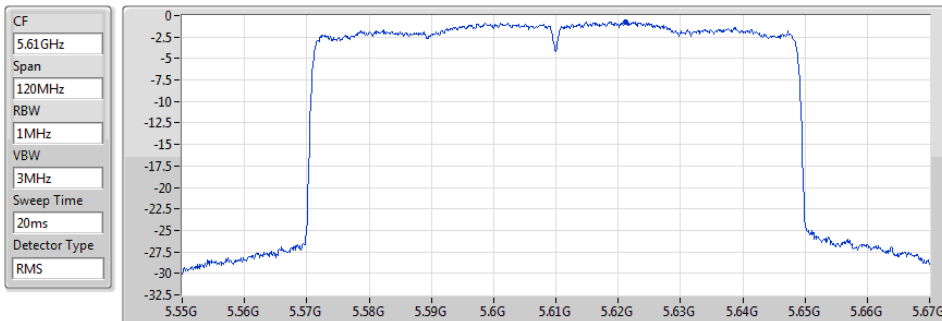
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-3.21	-3.21	-3.21

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

11/12/2018



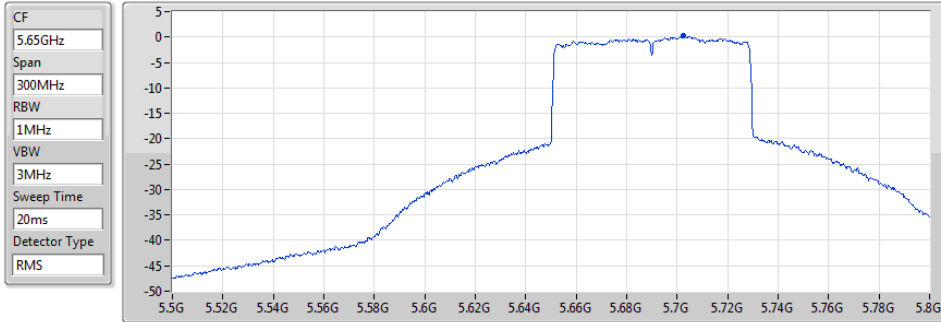
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-0.72	-0.72	-0.72

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

11/12/2018



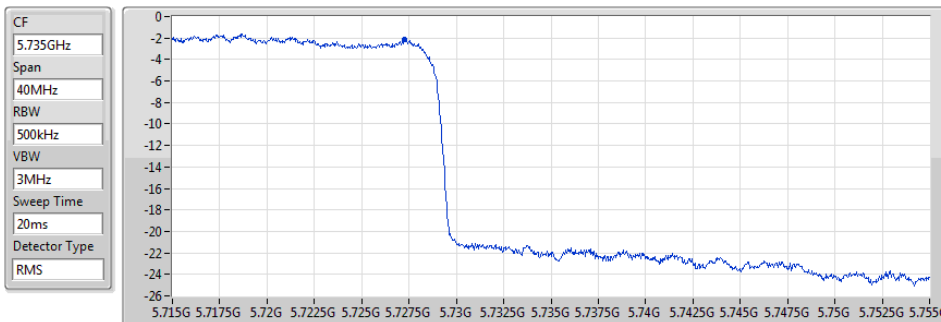
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.22	0.22	0.22

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

11/12/2018



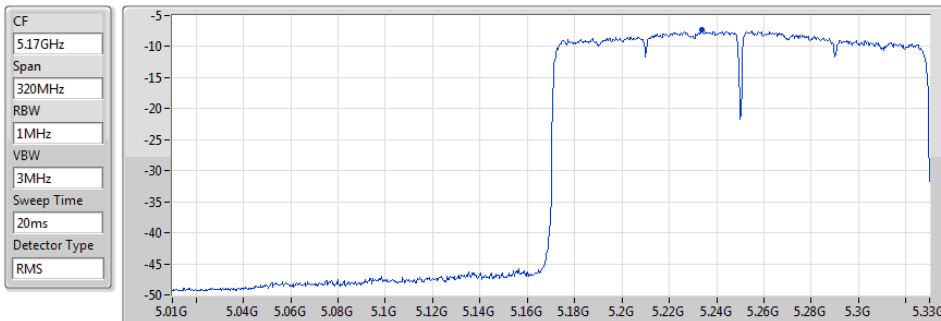
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.11	-2.11	-2.11

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

11/12/2018



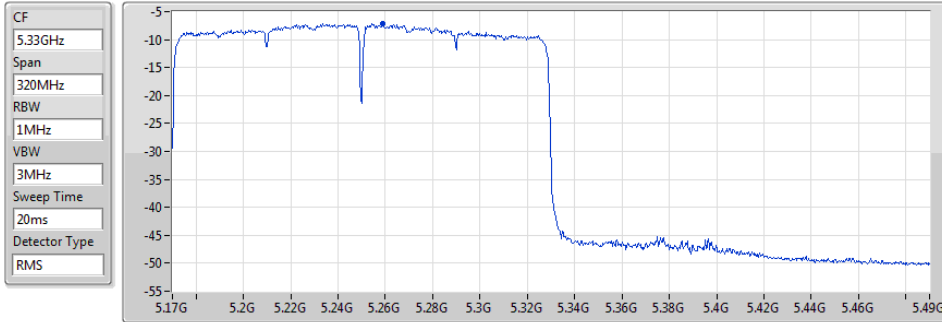
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.35	-7.35	-7.35

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

11/12/2018



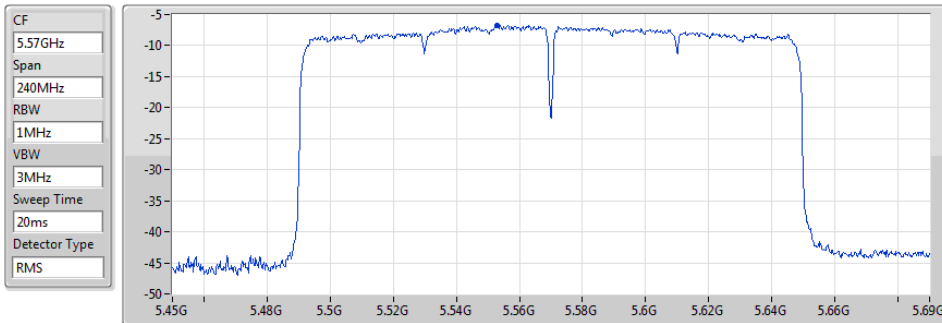
Sum	PD	Port 1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
-7.22	-7.22	-7.22

802.11ax HEW160_Nss1,(MCS0)_1TX

PSD

5570MHz

11/12/2018



Sum	PD	Port 1
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
-6.79	-6.79	-6.79

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss2,(MCS0)_2TX	-5.68
5.25-5.35GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	8.53
802.11ax HEW40_Nss2,(MCS0)_2TX	4.69
802.11ax HEW80_Nss2,(MCS0)_2TX	-1.39
802.11ax HEW160_Nss2,(MCS0)_2TX	-5.03
5.47-5.725GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	9.66
802.11ax HEW40_Nss2,(MCS0)_2TX	6.42
802.11ax HEW80_Nss2,(MCS0)_2TX	2.85
802.11ax HEW160_Nss2,(MCS0)_2TX	-5.58
5.725-5.85GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	7.26
802.11ax HEW40_Nss2,(MCS0)_2TX	4.09
802.11ax HEW80_Nss2,(MCS0)_2TX	0.12

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.49	4.92	5.03	7.96	11.00
5300MHz	Pass	4.49	5.38	5.79	8.53	11.00
5320MHz	Pass	4.49	3.08	3.61	6.31	11.00
5500MHz	Pass	4.49	2.92	3.22	6.02	11.00
5580MHz	Pass	4.49	6.67	6.66	9.66	11.00
5700MHz	Pass	4.49	1.13	1.61	4.38	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.49	5.54	6.09	8.83	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.49	4.23	4.37	7.26	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.49	1.49	1.94	4.69	11.00
5310MHz	Pass	4.49	-1.00	-0.73	2.09	11.00
5510MHz	Pass	4.49	-1.12	-0.29	2.30	11.00
5550MHz	Pass	4.49	3.37	3.59	6.42	11.00
5670MHz	Pass	4.49	-0.52	0.04	2.71	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.49	3.43	3.48	6.42	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.49	1.20	1.15	4.09	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.49	-4.75	-3.99	-1.39	11.00
5530MHz	Pass	4.49	-4.50	-3.72	-1.24	11.00
5610MHz	Pass	4.49	-1.42	-1.25	1.47	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.49	-0.23	0.21	2.85	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.49	-2.79	-2.79	0.12	30.00
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.49	-9.03	-8.18	-5.68	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.49	-8.39	-7.53	-5.03	11.00
5570MHz	Pass	4.49	-8.93	-7.97	-5.58	11.00

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

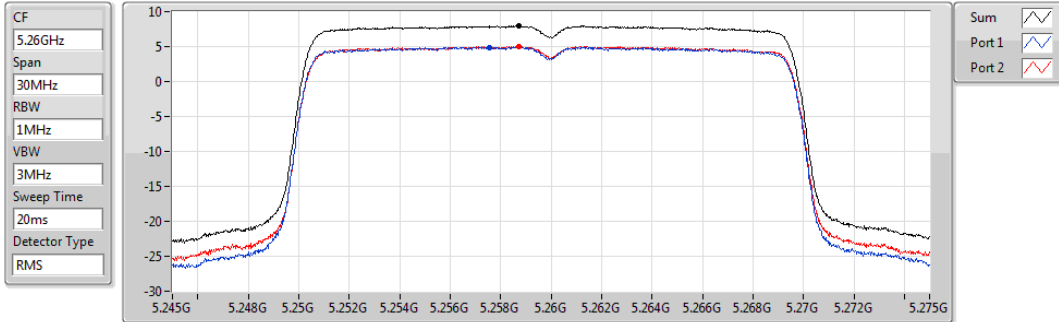
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5260MHz

11/12/2018



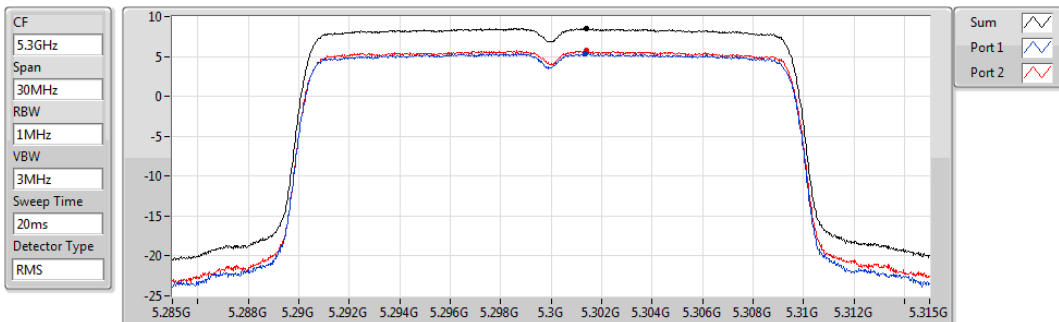
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.96	7.96	4.92	5.03

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5300MHz

11/12/2018



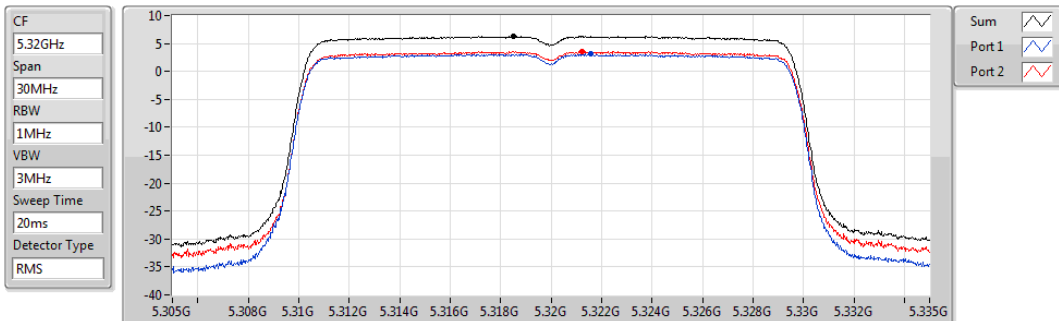
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.53	8.53	5.38	5.79

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5320MHz

11/12/2018



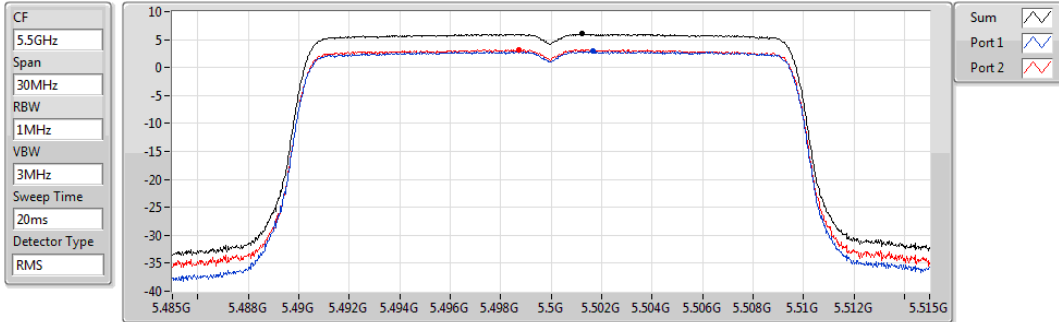
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.31	6.31	3.08	3.61

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5500MHz

11/12/2018



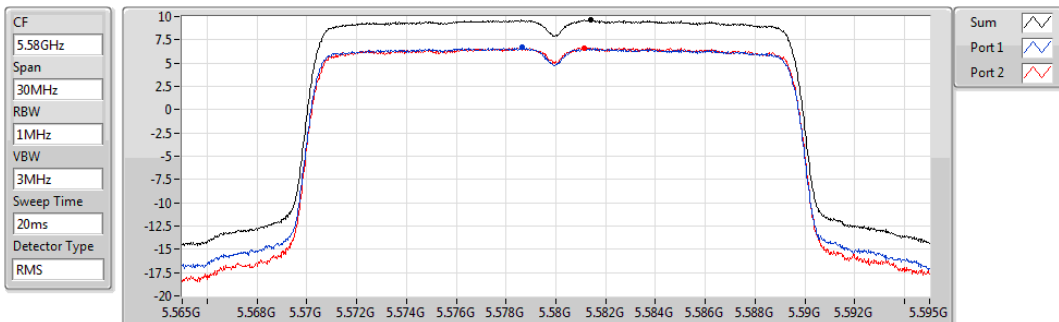
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.02	6.02	2.92	3.22

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5580MHz

11/12/2018



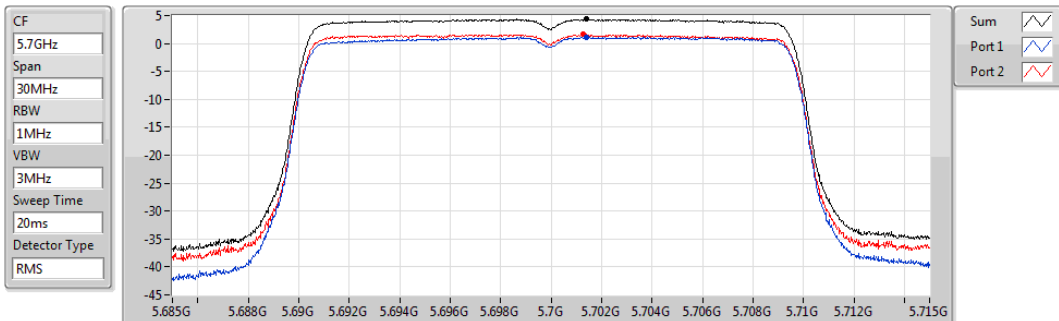
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.66	9.66	6.67	6.66

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5700MHz

11/12/2018



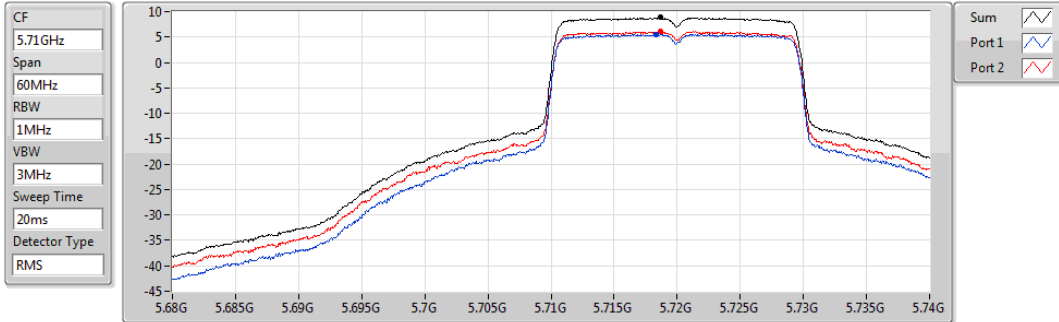
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.38	4.38	1.13	1.61

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

11/12/2018



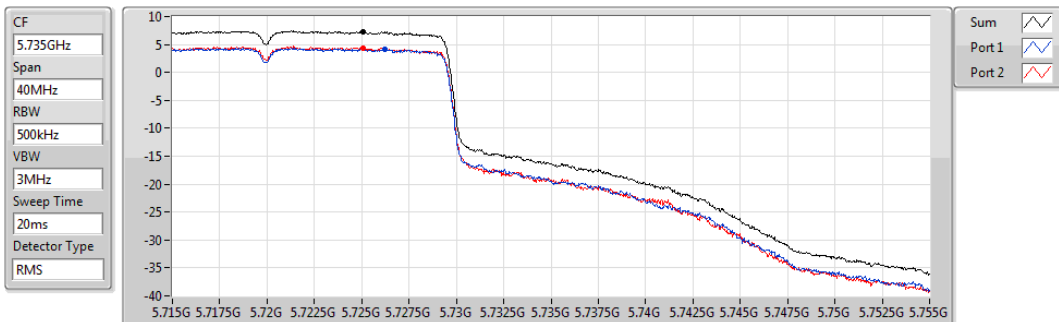
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.83	8.83	5.54	6.09

802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

11/12/2018



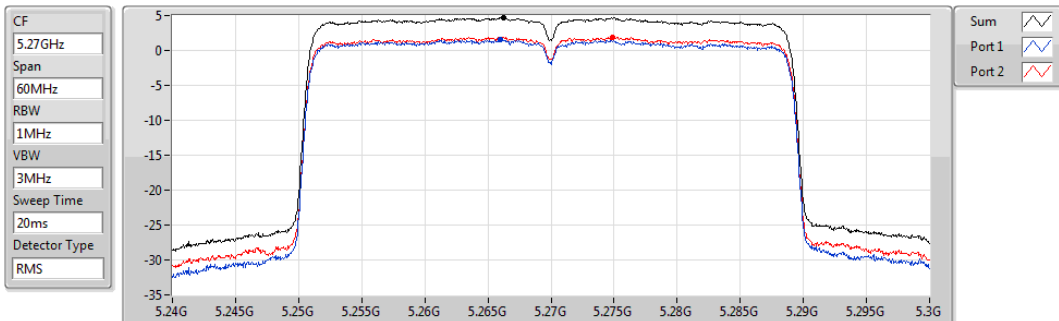
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.26	7.26	4.23	4.37

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5270MHz

11/12/2018



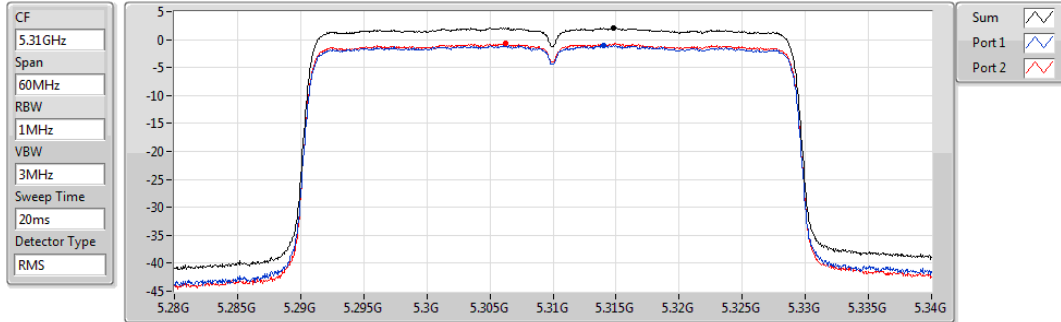
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.69	4.69	1.49	1.94

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5310MHz

11/12/2018

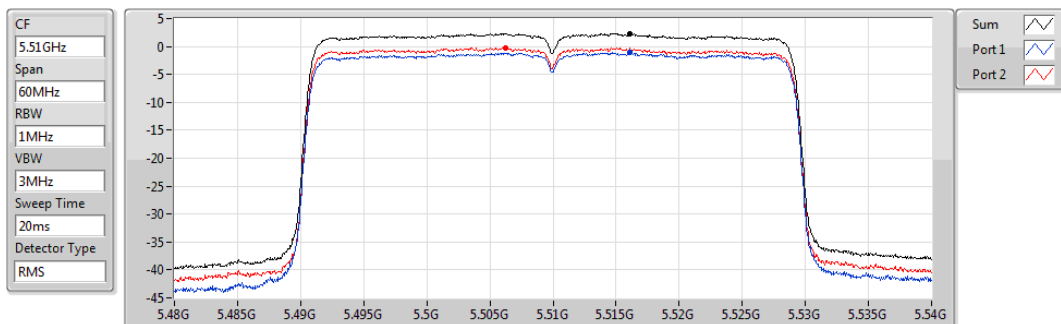


802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5510MHz

11/12/2018

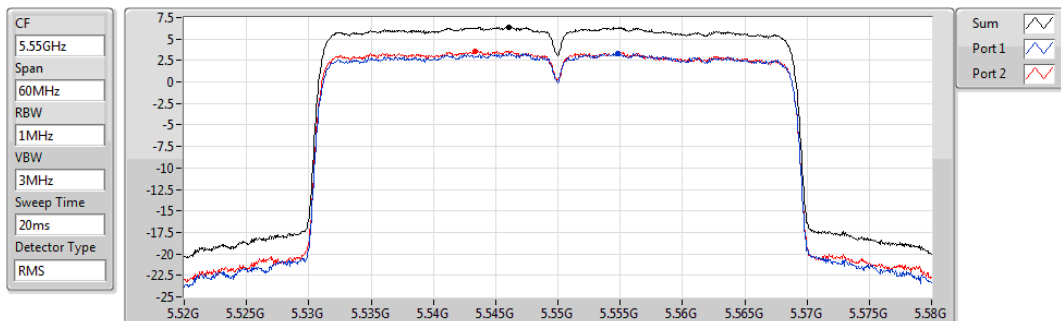


802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5550MHz

11/12/2018

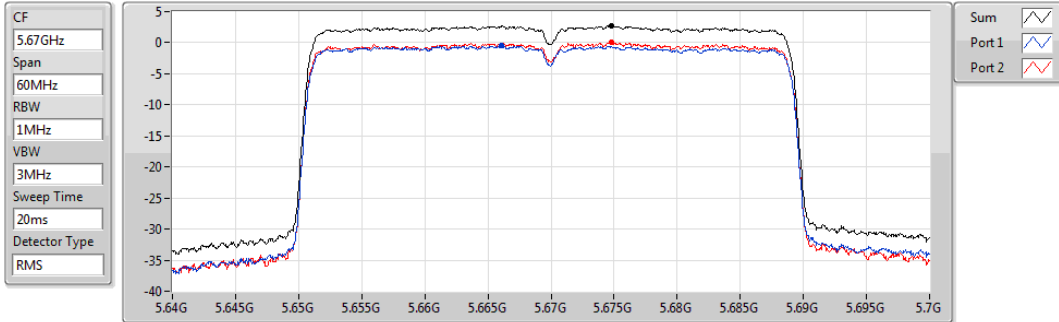


802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5670MHz

11/12/2018



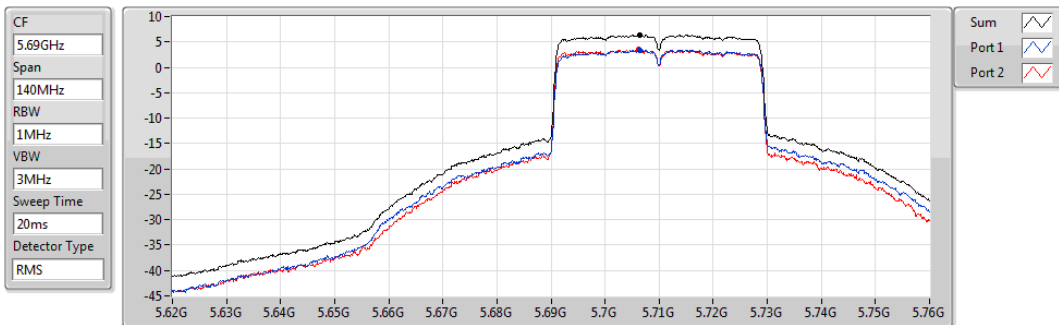
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.71	2.71	-0.52	0.04

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

11/12/2018



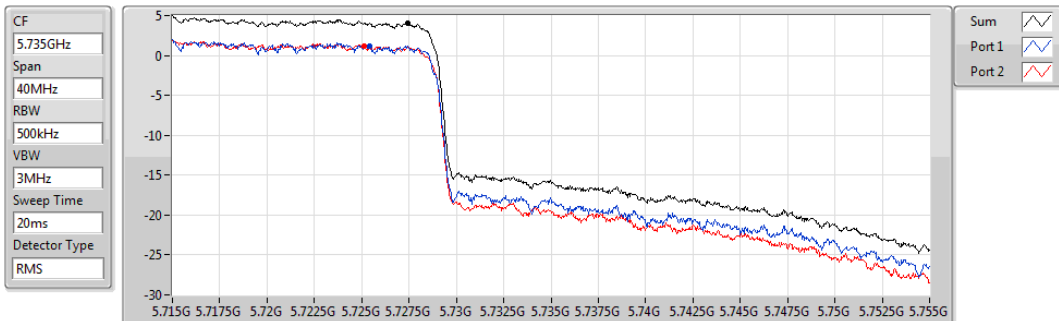
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.42	6.42	3.43	3.48

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

11/12/2018



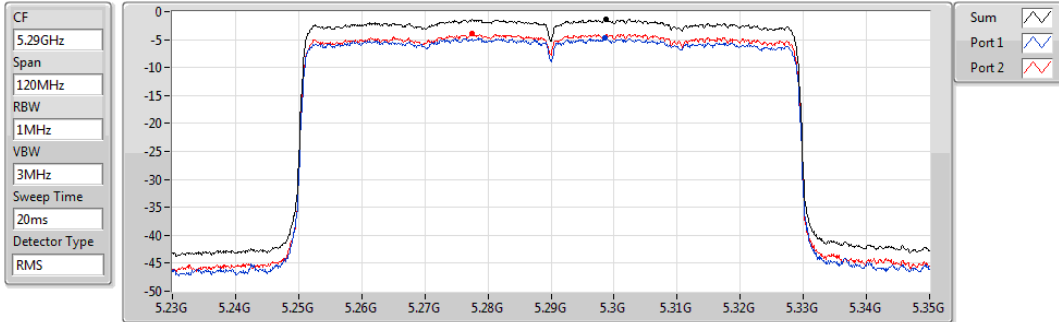
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.09	4.09	1.20	1.15

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5290MHz

11/12/2018



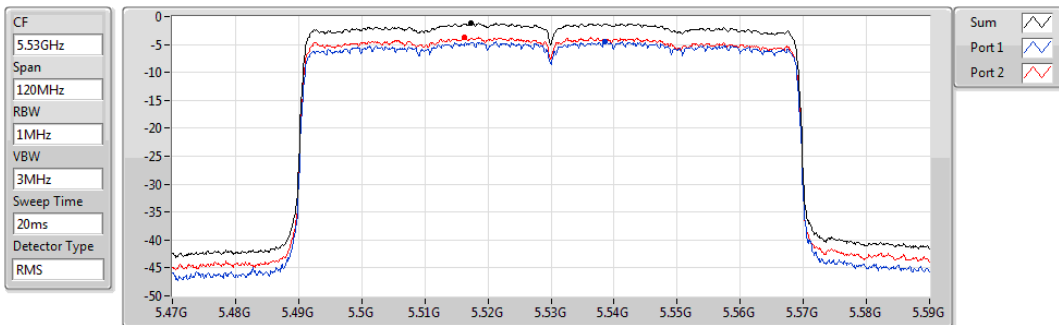
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.39	-1.39	-4.75	-3.99

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5530MHz

11/12/2018



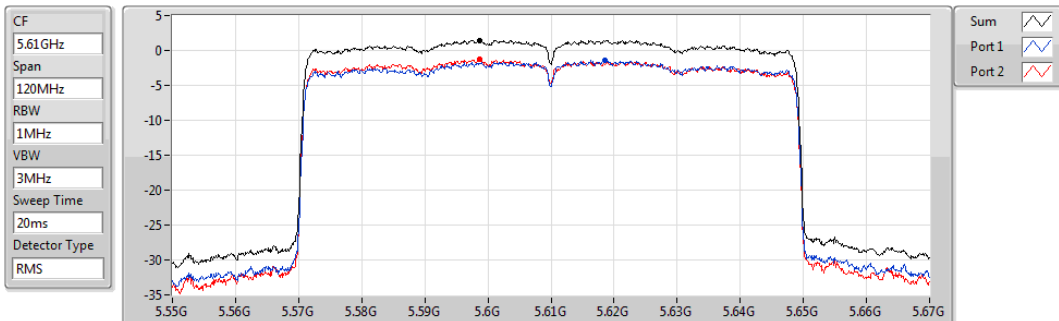
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-1.24	-1.24	-4.50	-3.72

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5610MHz

11/12/2018



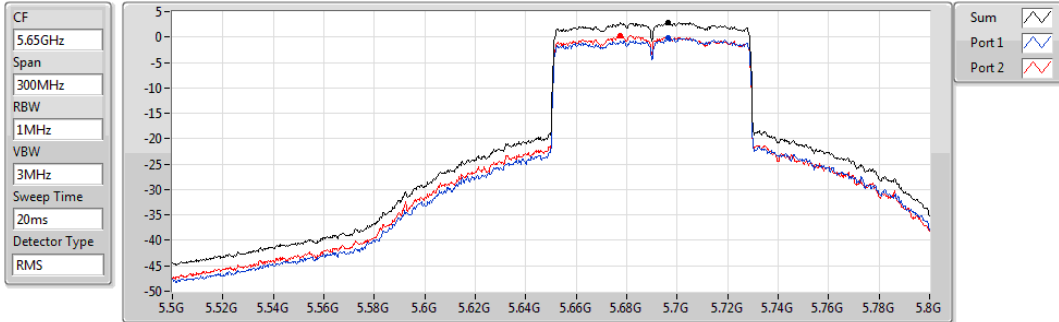
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.47	1.47	-1.42	-1.25

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

11/12/2018



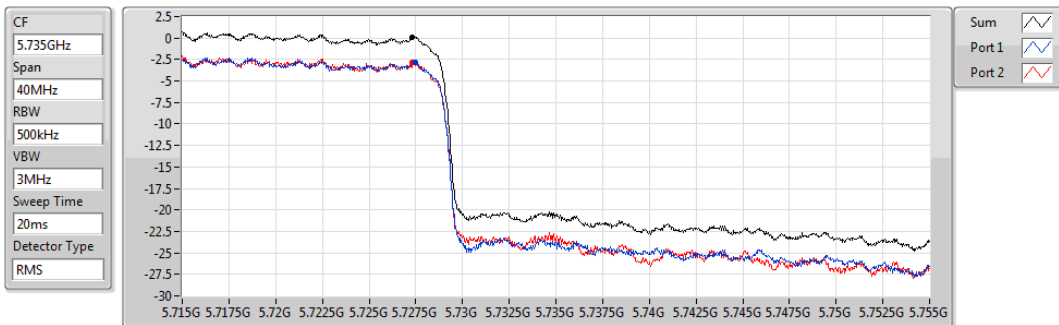
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.85	2.85	-0.23	0.21

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

11/12/2018



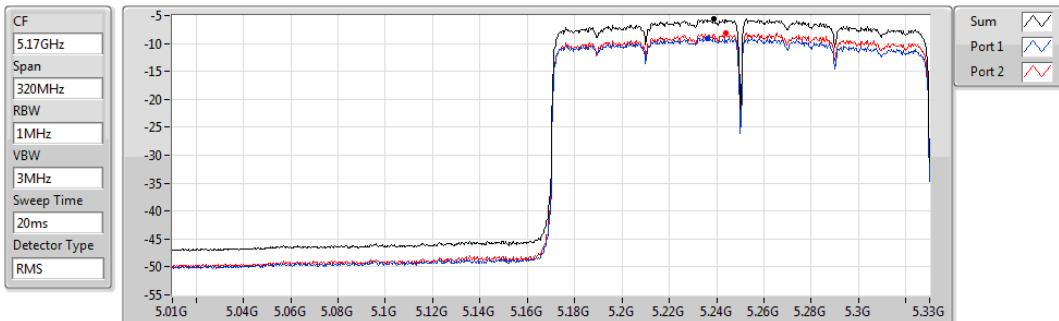
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.12	0.12	-2.79	-2.79

802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.15-5.25GHz

11/12/2018



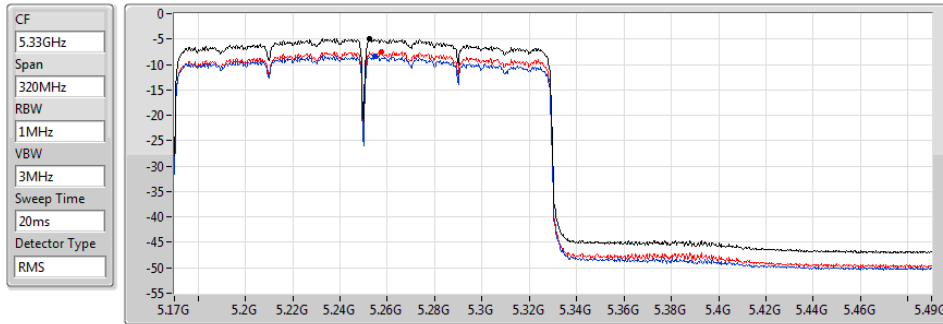
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.68	-5.68	-9.03	-8.18

802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5250MHz Straddle 5.25-5.35GHz

11/12/2018



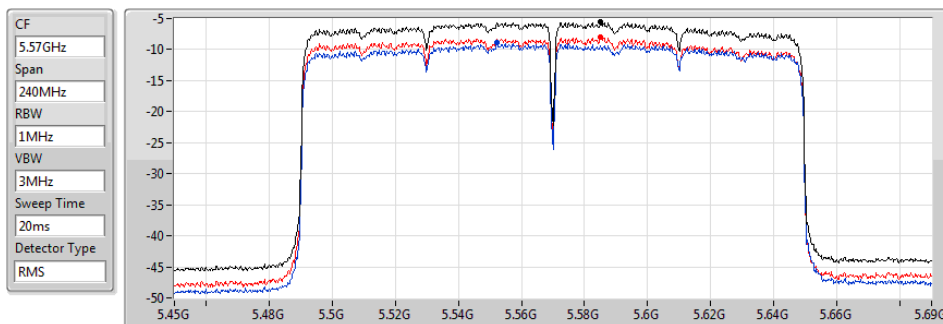
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.03	-5.03	-8.39	-7.53

802.11ax HEW160_Nss2,(MCS0)_2TX

PSD

5570MHz

11/12/2018



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
-5.58	-5.58	-8.93	-7.97

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	6.15
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	6.13
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	4.07

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.81	-0.24	0.69	0.41	0.06	6.15	6.19
5300MHz	Pass	10.81	-0.12	0.31	0.83	-0.44	6.13	6.19
5320MHz	Pass	10.81	0.21	0.41	0.45	-0.14	6.14	6.19
5500MHz	Pass	10.81	-0.54	0.12	0.57	0.52	6.10	6.19
5580MHz	Pass	10.81	-0.97	0.25	0.17	0.51	5.97	6.19
5700MHz	Pass	10.81	-0.20	0.49	0.25	0.32	6.13	6.19
5720MHz Straddle 5.47-5.725GHz	Pass	10.81	-0.68	0.28	0.28	0.30	6.01	6.19
5720MHz Straddle 5.725-5.85GHz	Pass	10.81	-2.75	-1.83	-1.47	-1.58	4.07	25.19

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

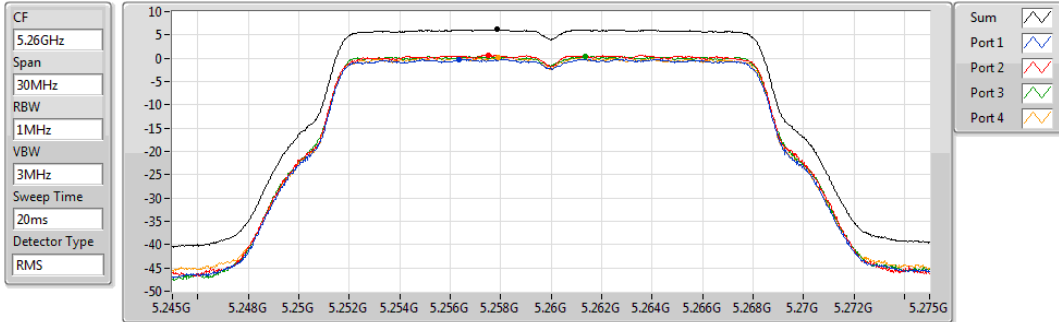
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

08/12/2018



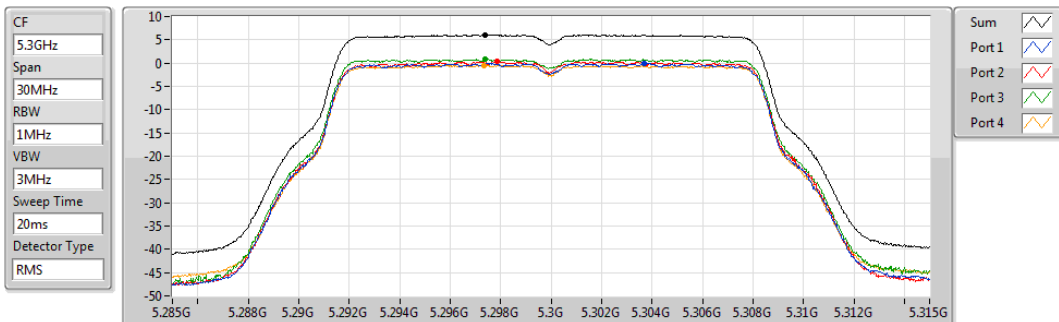
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.15	6.15	-0.24	0.69	0.41	0.06

802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

08/12/2018



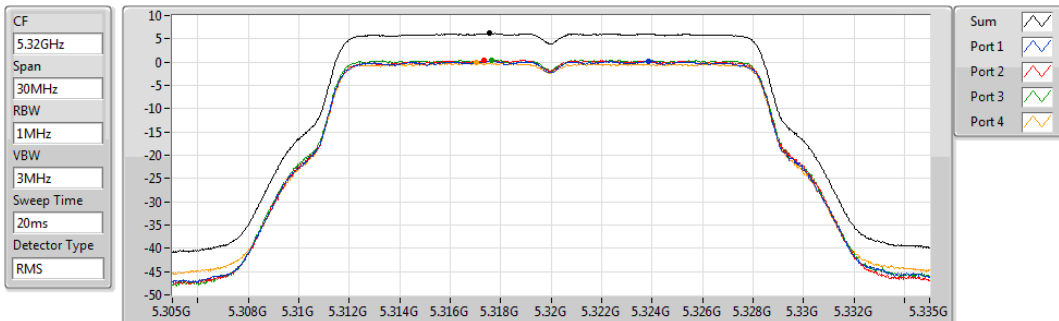
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.13	6.13	-0.12	0.31	0.83	-0.44

802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

08/12/2018



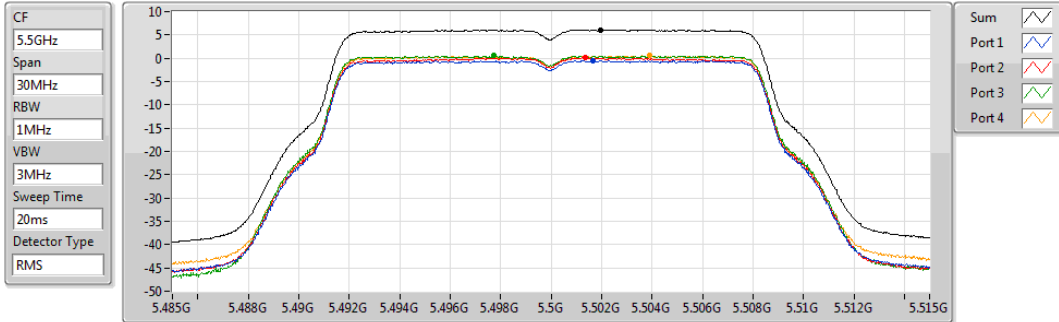
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.14	6.14	0.21	0.41	0.45	-0.14

802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

08/12/2018



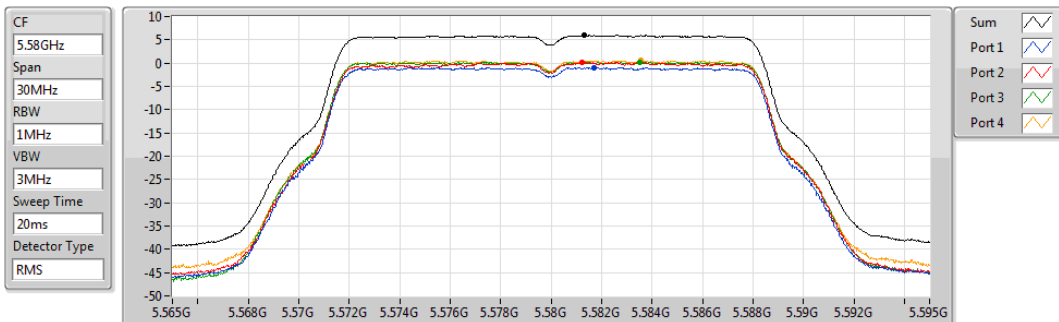
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.10	6.10	-0.54	0.12	0.57	0.52

802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

08/12/2018



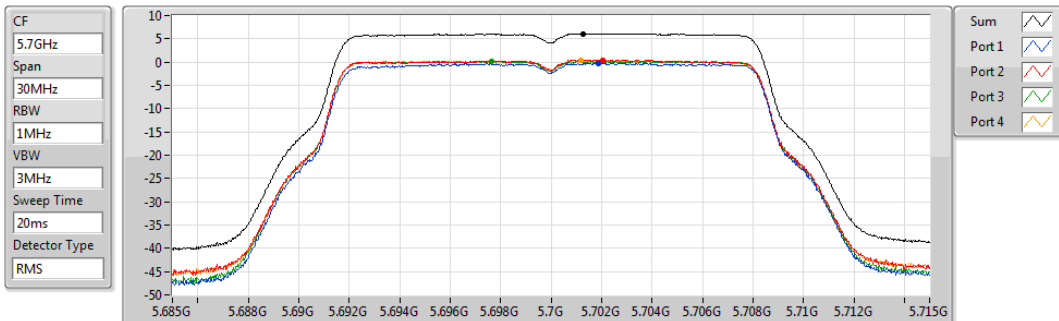
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.97	5.97	-0.97	0.25	0.17	0.51

802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

08/12/2018

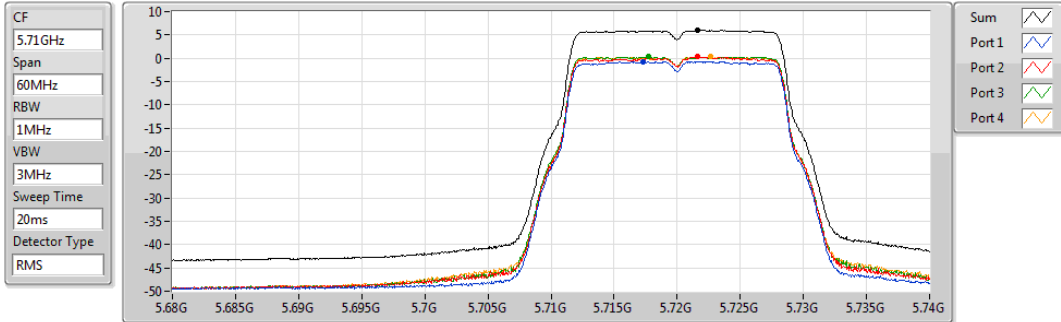


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.13	6.13	-0.20	0.49	0.25	0.32

802.11a_Nss1,(6Mbps)_4TX
5720MHz Straddle 5.47-5.725GHz

PSD

08/12/2018

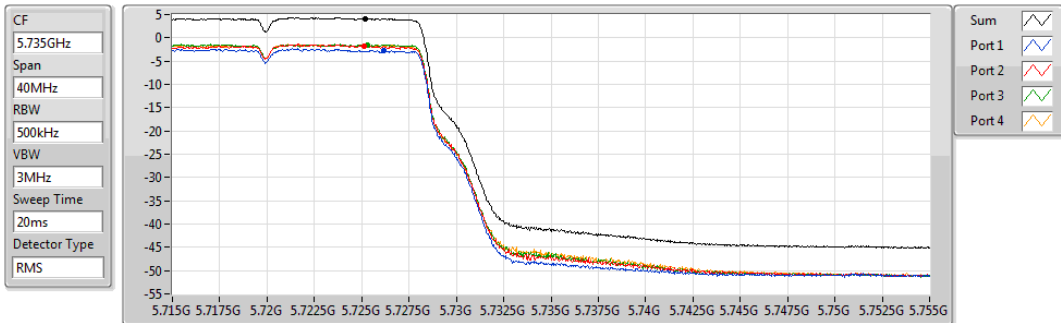


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.01	6.01	-0.68	0.28	0.28	0.30

802.11a_Nss1,(6Mbps)_4TX
5720MHz Straddle 5.725-5.85GHz

PSD

08/12/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.07	4.07	-2.75	-1.83	-1.47	-1.58

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-3.23
5.25-5.35GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	6.17
802.11ax HEW40_Nss1,(MCS0)_4TX	6.02
802.11ax HEW80_Nss1,(MCS0)_4TX	0.03
802.11ax HEW160_Nss1,(MCS0)_4TX	-3.26
5.47-5.725GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	6.18
802.11ax HEW40_Nss1,(MCS0)_4TX	6.16
802.11ax HEW80_Nss1,(MCS0)_4TX	4.86
802.11ax HEW160_Nss1,(MCS0)_4TX	-3.09
5.725-5.85GHz	-
802.11ax HEW20_Nss1,(MCS0)_4TX	4.24
802.11ax HEW40_Nss1,(MCS0)_4TX	3.91
802.11ax HEW80_Nss1,(MCS0)_4TX	1.90

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.81	-0.06	0.05	0.30	0.34	6.09	6.19
5300MHz	Pass	10.81	0.28	0.28	0.55	-0.15	6.17	6.19
5320MHz	Pass	10.81	-0.04	0.45	0.65	-0.19	6.15	6.19
5500MHz	Pass	10.81	-0.51	0.17	0.27	0.60	6.08	6.19
5580MHz	Pass	10.81	-0.43	0.11	0.42	0.76	6.18	6.19
5700MHz	Pass	10.81	-1.28	-0.95	-0.90	-0.72	4.97	6.19
5720MHz Straddle 5.47-5.725GHz	Pass	10.81	-0.13	0.46	0.21	0.27	6.15	6.19
5720MHz Straddle 5.725-5.85GHz	Pass	10.81	-2.22	-1.35	-1.77	-1.55	4.24	25.19
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.81	-0.45	-0.11	0.30	0.54	6.02	6.19
5310MHz	Pass	10.81	-2.44	-2.06	-1.89	-1.97	3.84	6.19
5510MHz	Pass	10.81	-2.60	-2.23	-1.88	-1.88	3.76	6.19
5550MHz	Pass	10.81	0.27	0.08	0.16	0.43	6.15	6.19
5670MHz	Pass	10.81	-1.71	-1.41	-1.74	-1.20	4.38	6.19
5710MHz Straddle 5.47-5.725GHz	Pass	10.81	0.40	-0.03	0.20	0.33	6.16	6.19
5710MHz Straddle 5.725-5.85GHz	Pass	10.81	-1.76	-2.25	-2.31	-1.88	3.91	25.19
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.81	-6.35	-5.84	-5.73	-5.74	0.03	6.19
5530MHz	Pass	10.81	-5.71	-4.88	-5.15	-5.23	0.66	6.19
5610MHz	Pass	10.81	-3.80	-3.69	-3.16	-3.54	2.33	6.19
5690MHz Straddle 5.47-5.725GHz	Pass	10.81	-0.88	-1.01	-1.44	-0.82	4.86	6.19
5690MHz Straddle 5.725-5.85GHz	Pass	10.81	-3.70	-4.19	-4.57	-3.81	1.90	25.19
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.81	-9.45	-9.10	-9.19	-9.11	-3.23	12.19
5250MHz Straddle 5.25-5.35GHz	Pass	10.81	-9.47	-9.01	-9.10	-9.10	-3.26	6.19
5570MHz	Pass	10.81	-9.28	-8.89	-9.16	-8.77	-3.09	6.19

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

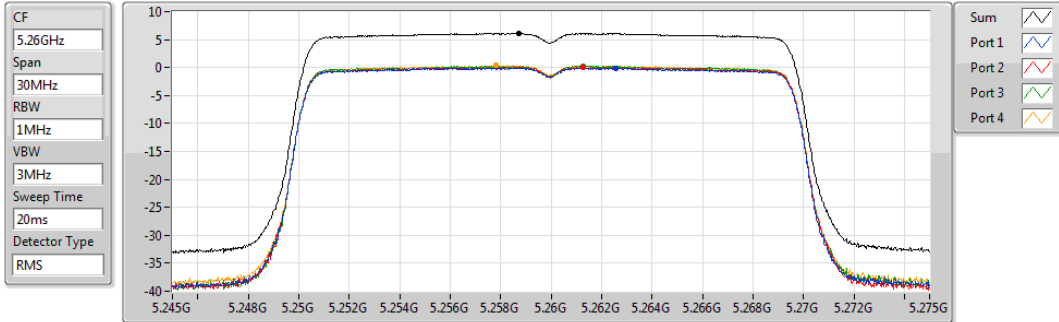
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

08/12/2018



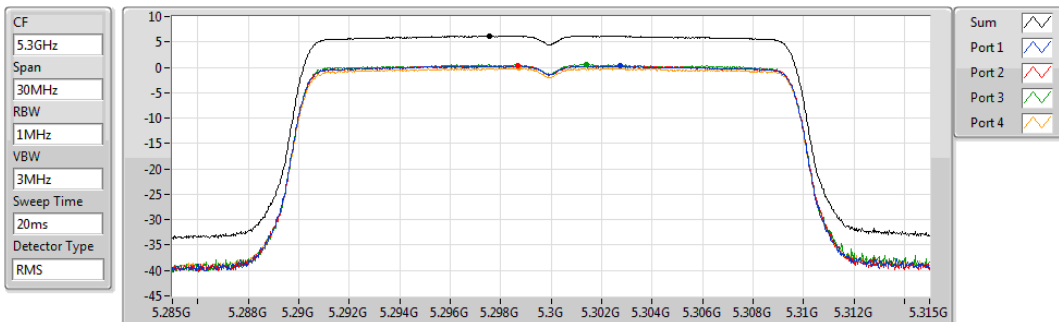
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.09	6.09	-0.06	0.05	0.30	0.34

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

08/12/2018



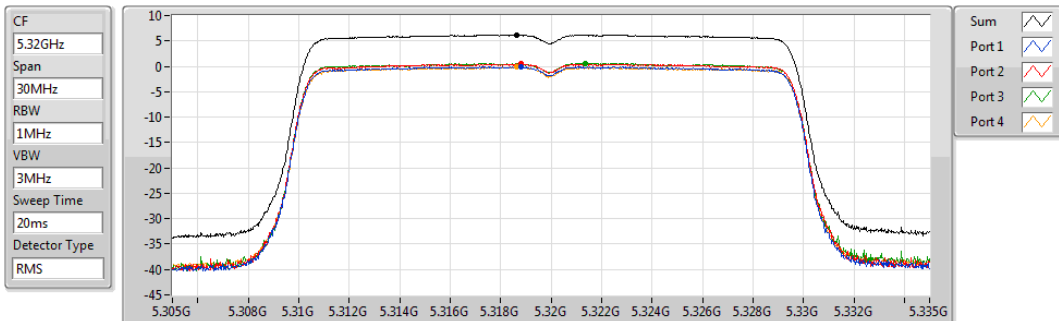
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.17	6.17	0.28	0.28	0.55	-0.15

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

08/12/2018



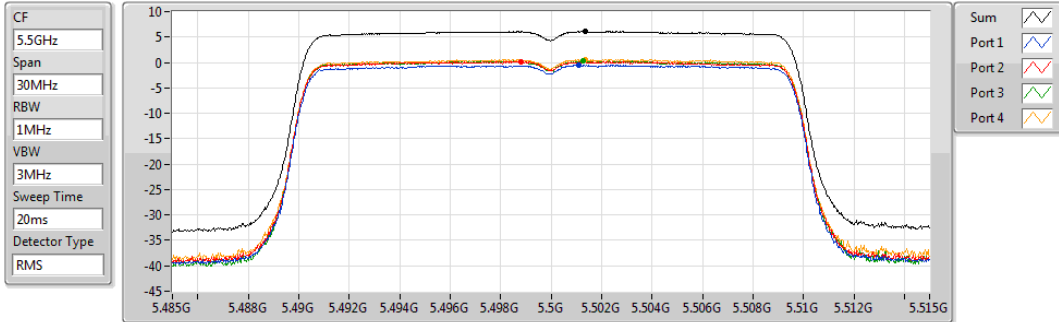
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.15	6.15	-0.04	0.45	0.65	-0.19

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

08/12/2018



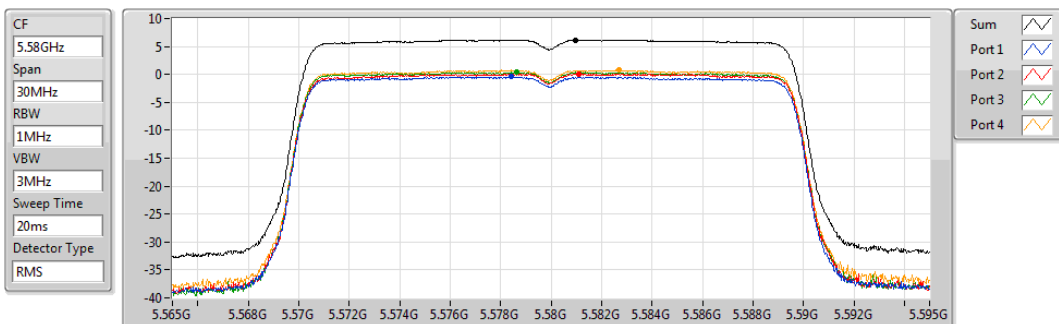
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.08	6.08	-0.51	0.17	0.27	0.60

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

08/12/2018



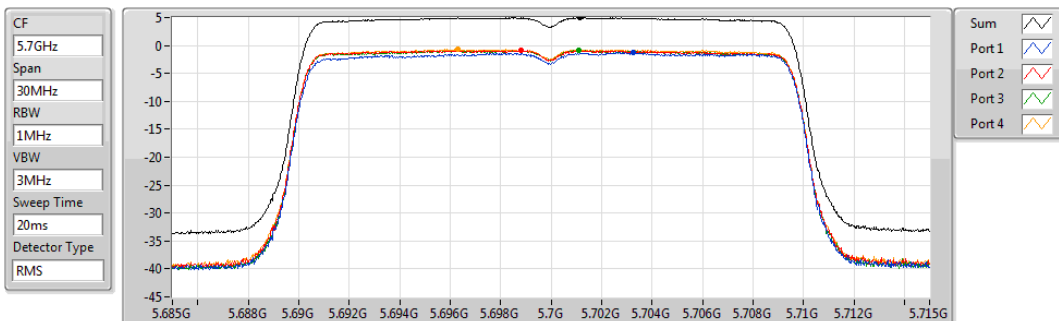
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.18	6.18	-0.43	0.11	0.42	0.76

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

08/12/2018



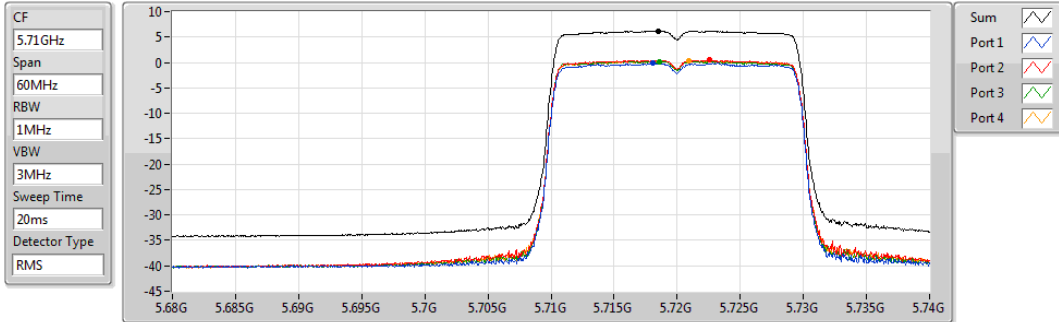
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.97	4.97	-1.28	-0.95	-0.90	-0.72

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

08/12/2018



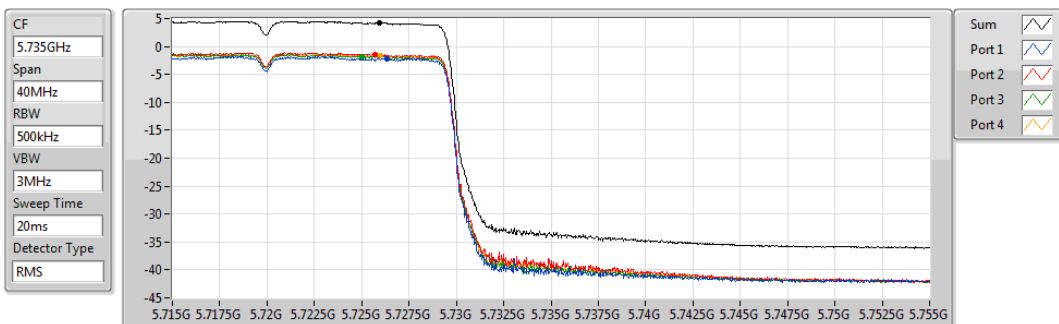
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.15	6.15	-0.13	0.46	0.21	0.27

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

08/12/2018



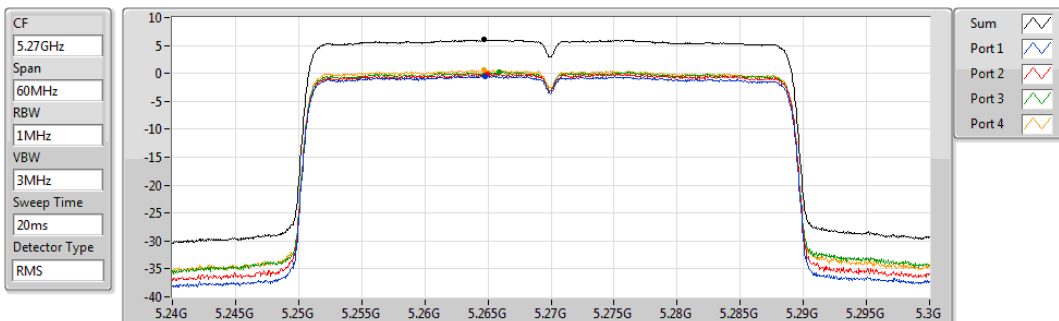
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.24	4.24	-2.22	-1.35	-1.77	-1.55

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

08/12/2018



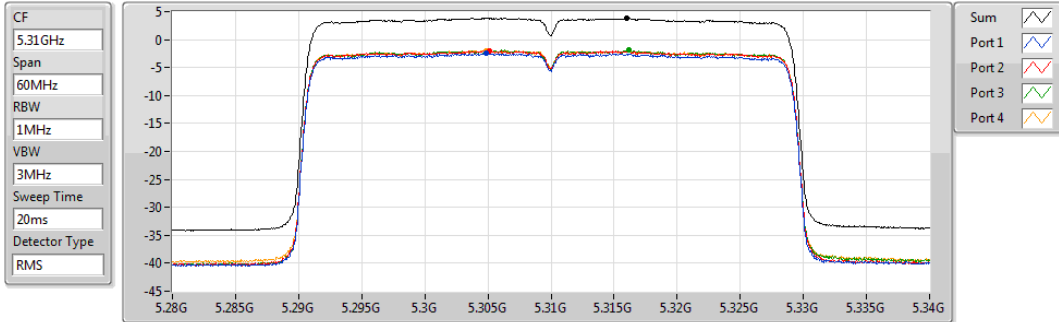
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.02	6.02	-0.45	-0.11	0.30	0.54

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

08/12/2018



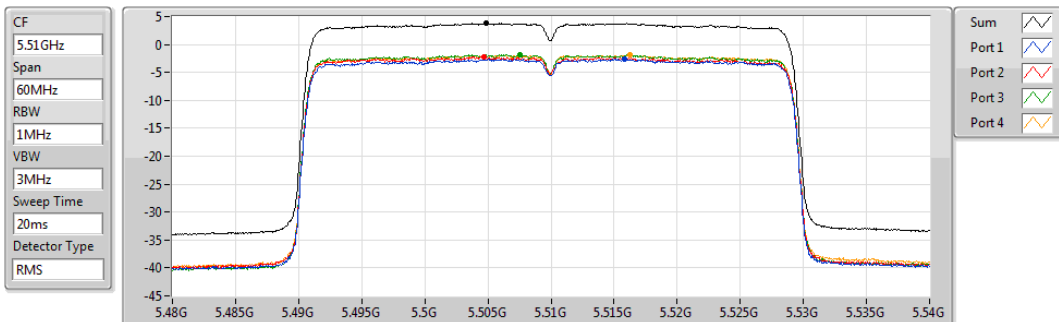
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.84	3.84	-2.44	-2.06	-1.89	-1.97

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

08/12/2018



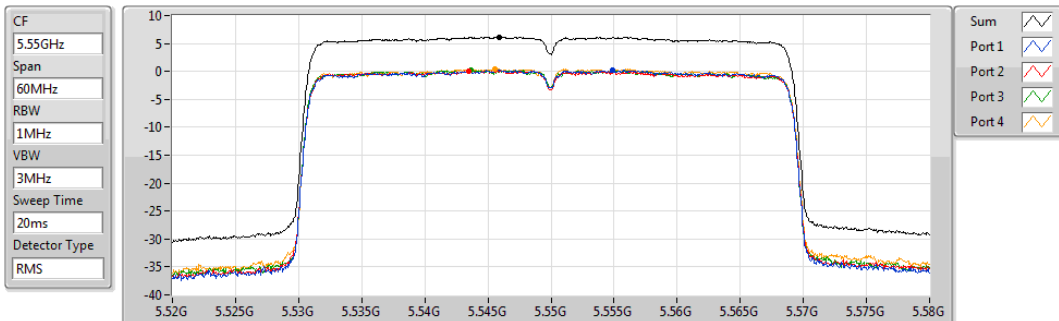
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.76	3.76	-2.60	-2.23	-1.88	-1.88

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

08/12/2018



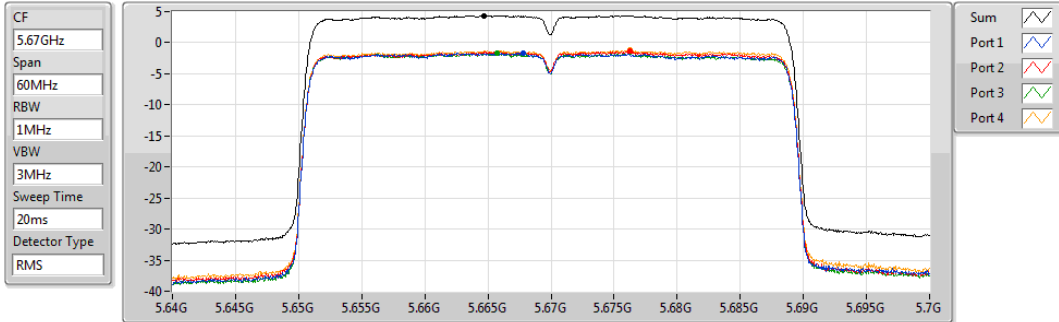
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.15	6.15	0.27	0.08	0.16	0.43

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

08/12/2018



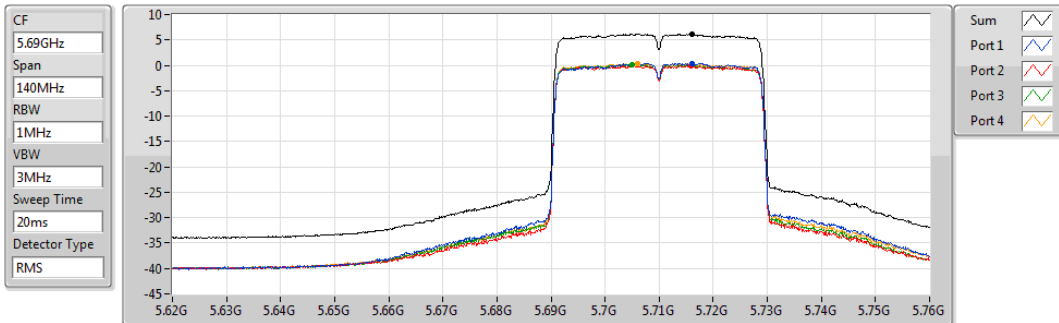
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.38	4.38	-1.71	-1.41	-1.74	-1.20

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

08/12/2018



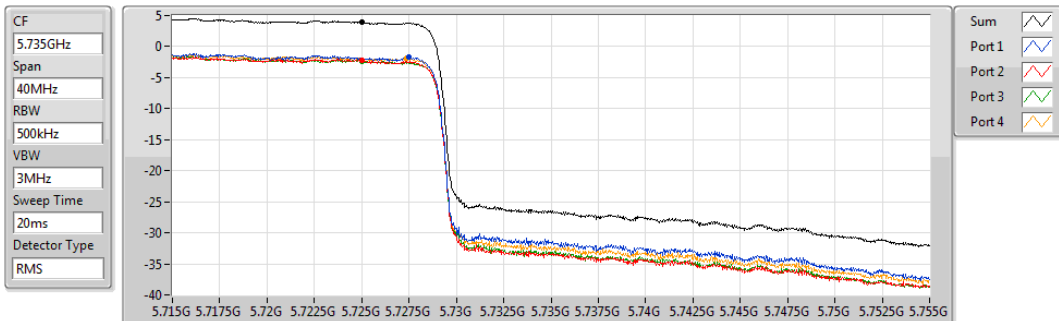
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.16	6.16	0.40	-0.03	0.20	0.33

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

08/12/2018



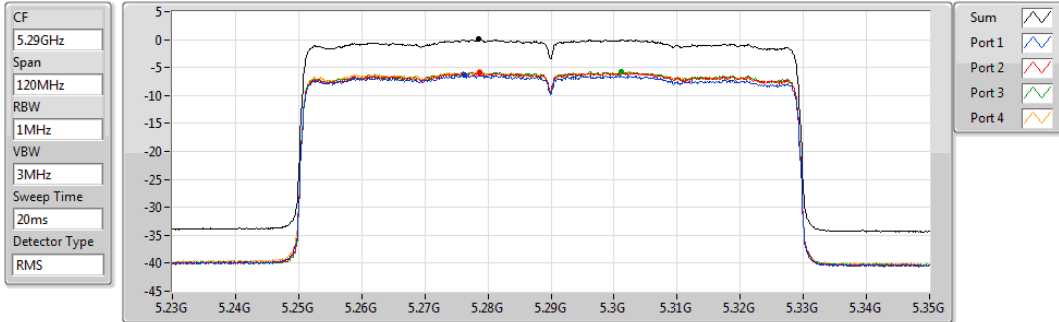
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.91	3.91	-1.76	-2.25	-2.31	-1.88

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

08/12/2018



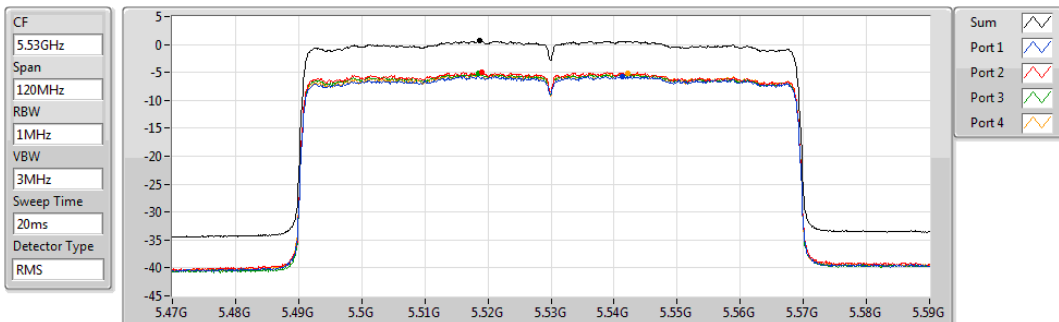
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.03	0.03	-6.35	-5.84	-5.73	-5.74

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

08/12/2018



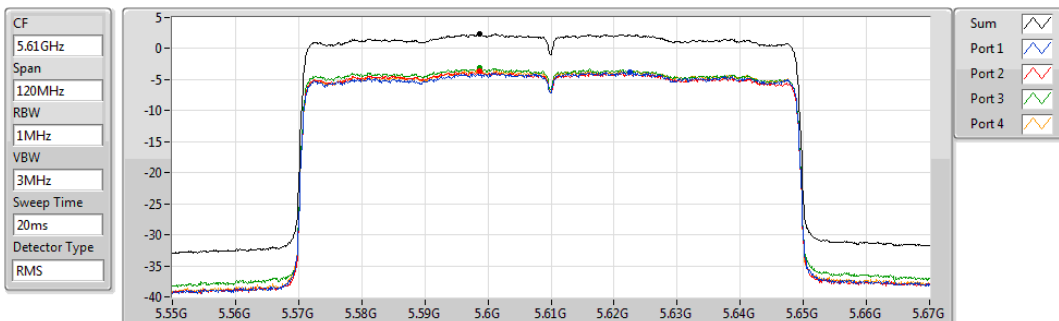
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.66	0.66	-5.71	-4.88	-5.15	-5.23

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

08/12/2018



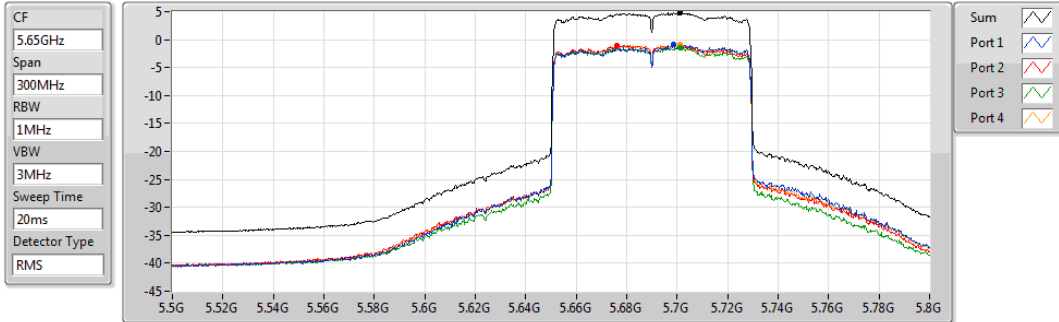
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.33	2.33	-3.80	-3.69	-3.16	-3.54

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

08/12/2018



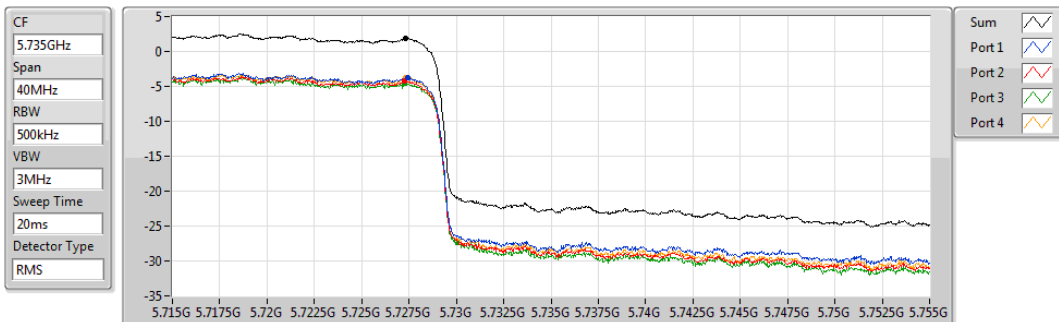
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.86	4.86	-0.88	-1.01	-1.44	-0.82

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

08/12/2018



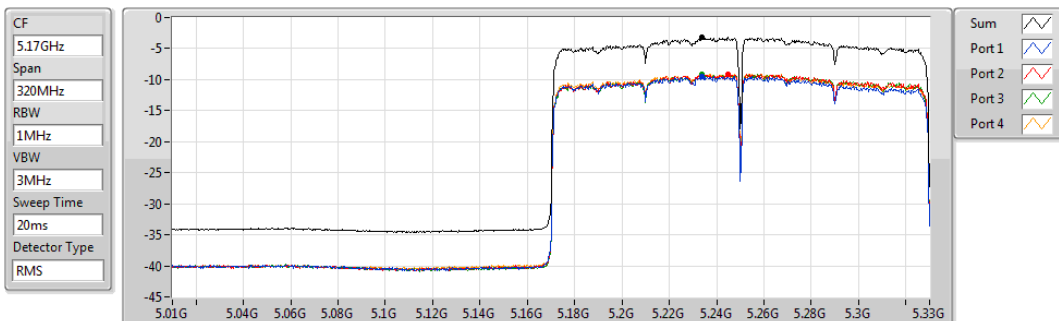
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.90	1.90	-3.70	-4.19	-4.57	-3.81

802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

08/12/2018



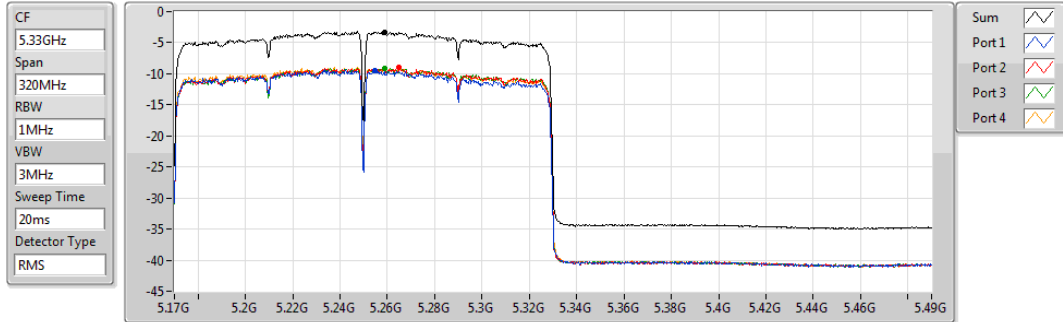
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.23	-3.23	-9.45	-9.10	-9.19	-9.11

802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

08/12/2018



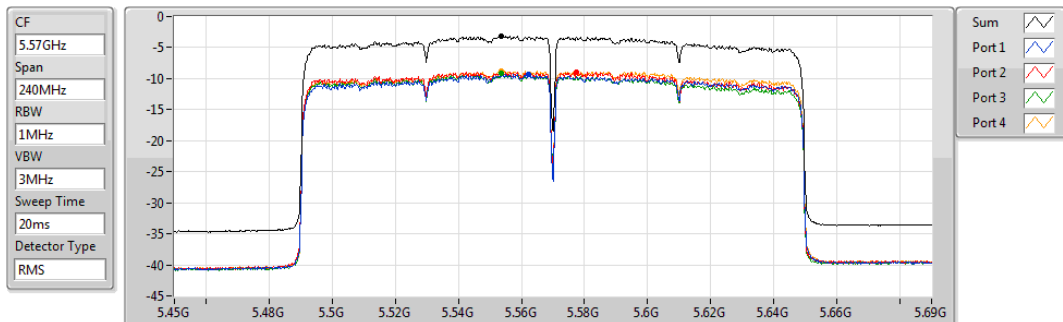
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.26	-3.26	-9.47	-9.01	-9.10	-9.10

802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5570MHz

08/12/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.09	-3.09	-9.28	-8.89	-9.16	-8.77

Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-3.93
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	5.58
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	2.49
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.56
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-3.95
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	5.54
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	2.88
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.13
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-3.44
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	3.40
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.38
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-2.94

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.81	-0.75	-0.26	-0.17	-0.42	5.58	6.19
5300MHz	Pass	10.81	-0.96	-0.48	-0.60	-0.87	5.24	6.19
5320MHz	Pass	10.81	-1.29	-0.53	-0.51	-1.07	5.12	6.19
5500MHz	Pass	10.81	-1.49	-0.51	-0.71	-0.53	5.16	6.19
5580MHz	Pass	10.81	-1.52	-0.71	-0.61	-0.64	5.07	6.19
5700MHz	Pass	10.81	-1.28	-0.95	-0.90	-0.72	4.97	6.19
5720MHz Straddle 5.47-5.725GHz	Pass	10.81	-0.91	-0.23	-0.38	-0.11	5.54	6.19
5720MHz Straddle 5.725-5.85GHz	Pass	10.81	-3.12	-2.45	-2.68	-2.05	3.40	25.19
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.81	-4.01	-3.38	-3.76	-3.17	2.38	6.19
5310MHz	Pass	10.81	-3.74	-3.12	-3.69	-3.19	2.49	6.19
5510MHz	Pass	10.81	-4.91	-3.97	-4.30	-4.04	1.62	6.19
5550MHz	Pass	10.81	-3.91	-3.53	-3.63	-3.17	2.40	6.19
5670MHz	Pass	10.81	-3.87	-3.42	-3.33	-3.72	2.32	6.19
5710MHz Straddle 5.47-5.725GHz	Pass	10.81	-3.23	-2.99	-2.71	-3.09	2.88	6.19
5710MHz Straddle 5.725-5.85GHz	Pass	10.81	-5.78	-5.48	-5.59	-5.58	0.38	25.19
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.81	-6.85	-6.21	-6.68	-6.22	-0.56	6.19
5530MHz	Pass	10.81	-7.50	-6.12	-6.45	-6.39	-0.61	6.19
5610MHz	Pass	10.81	-7.34	-6.77	-6.43	-6.49	-0.81	6.19
5690MHz Straddle 5.47-5.725GHz	Pass	10.81	-6.28	-5.99	-5.84	-5.91	-0.13	6.19
5690MHz Straddle 5.725-5.85GHz	Pass	10.81	-9.00	-9.00	-8.98	-8.51	-2.94	25.19
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.81	-10.04	-9.56	-10.02	-9.78	-3.93	12.19
5250MHz Straddle 5.25-5.35GHz	Pass	10.81	-10.24	-9.67	-10.02	-9.79	-3.95	6.19
5570MHz	Pass	10.81	-9.83	-9.14	-9.65	-9.19	-3.44	6.19

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

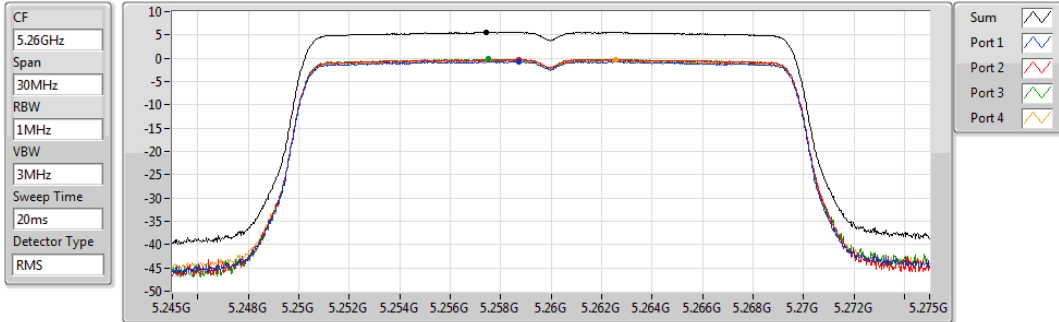
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

12/12/2018



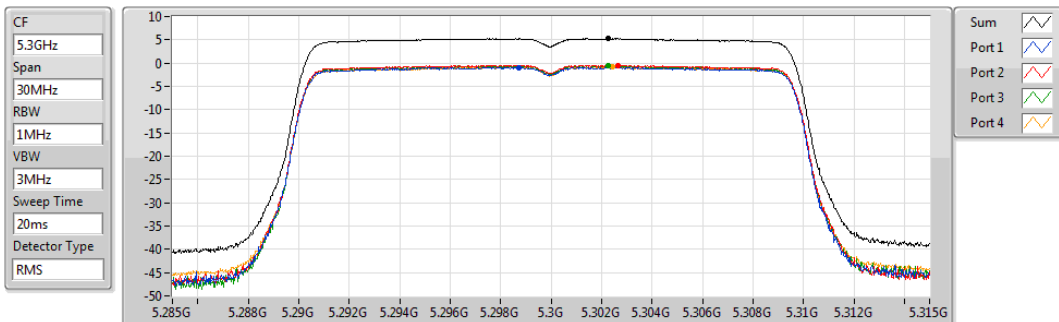
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.58	5.58	-0.75	-0.26	-0.17	-0.42

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

12/12/2018



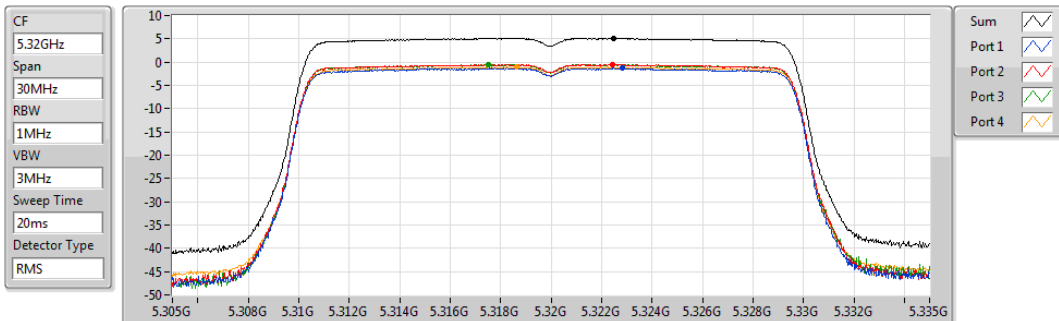
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.24	5.24	-0.96	-0.48	-0.60	-0.87

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

12/12/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.12	5.12	-1.29	-0.53	-0.51	-1.07

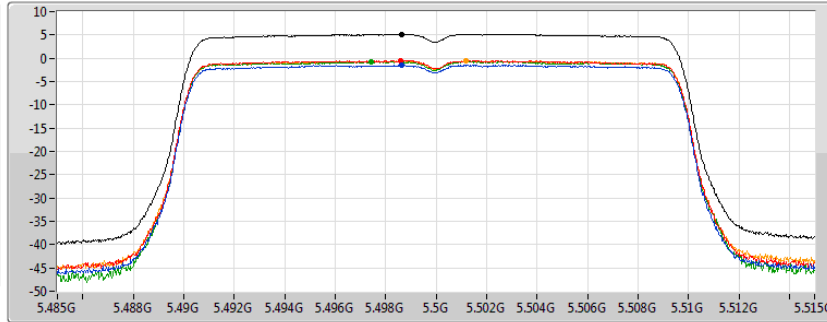
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

12/12/2018

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



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.16	5.16	-1.49	-0.51	-0.71	-0.53

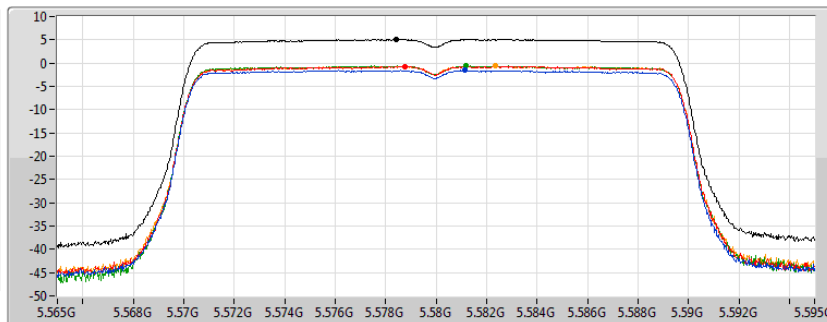
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

12/12/2018

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



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.07	5.07	-1.52	-0.71	-0.61	-0.64

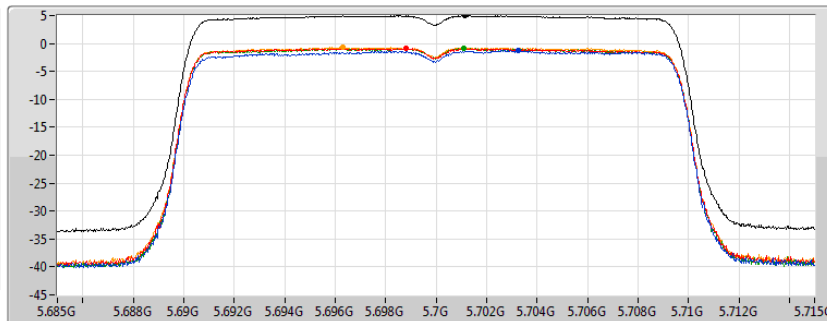
802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

08/12/2018

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



Sum
Port 1
Port 2
Port 3
Port 4

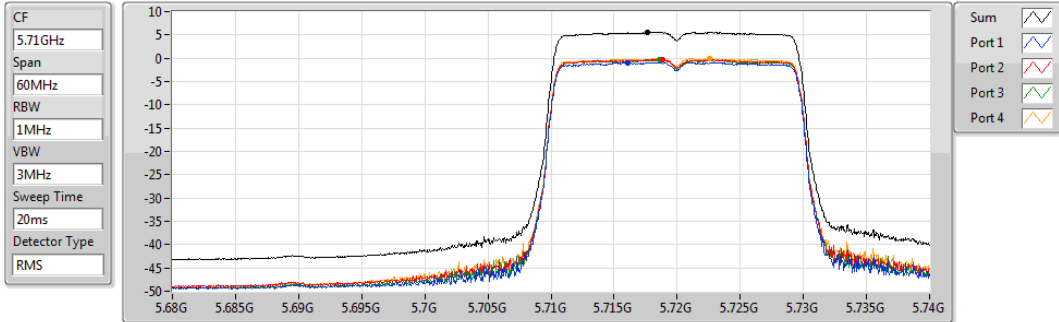
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.97	4.97	-1.28	-0.95	-0.90	-0.72

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

12/12/2018



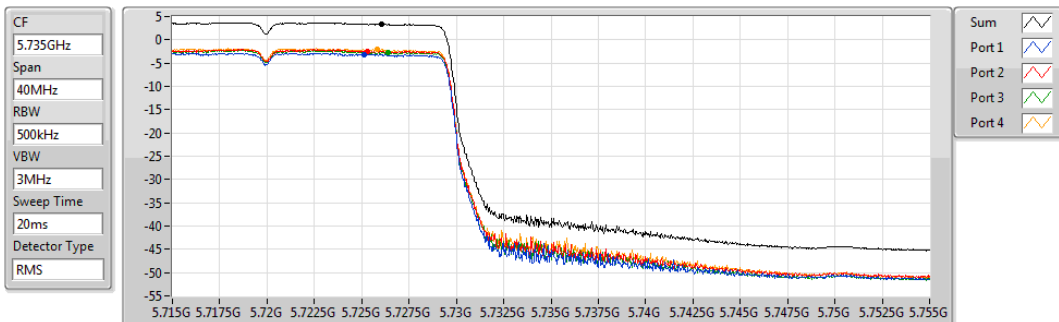
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.54	5.54	-0.91	-0.23	-0.38	-0.11

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

12/12/2018



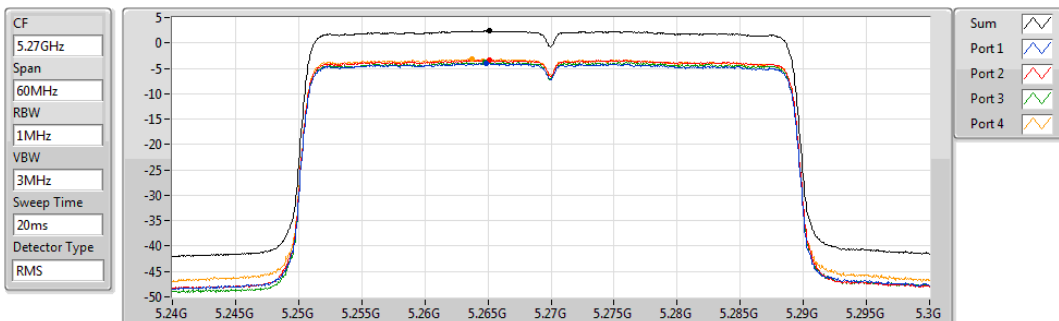
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.40	3.40	-3.12	-2.45	-2.68	-2.05

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

12/12/2018



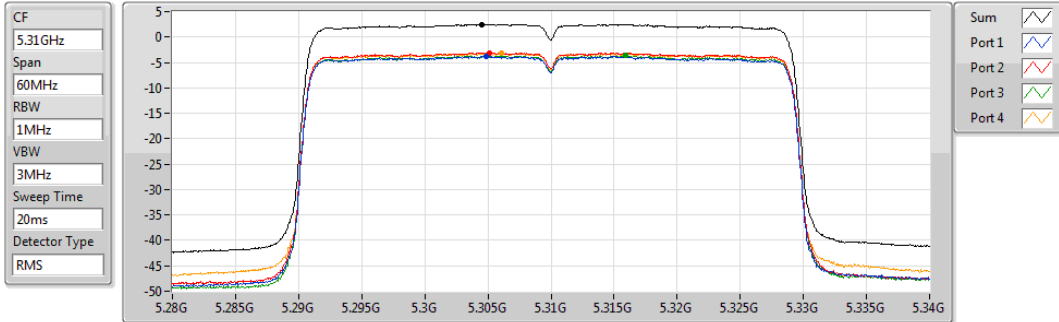
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.38	2.38	-4.01	-3.38	-3.76	-3.17

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

12/12/2018



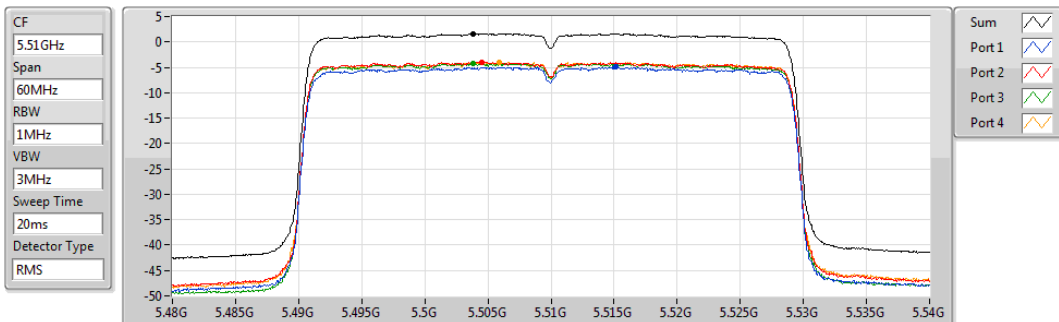
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.49	2.49	-3.74	-3.12	-3.69	-3.19

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

12/12/2018



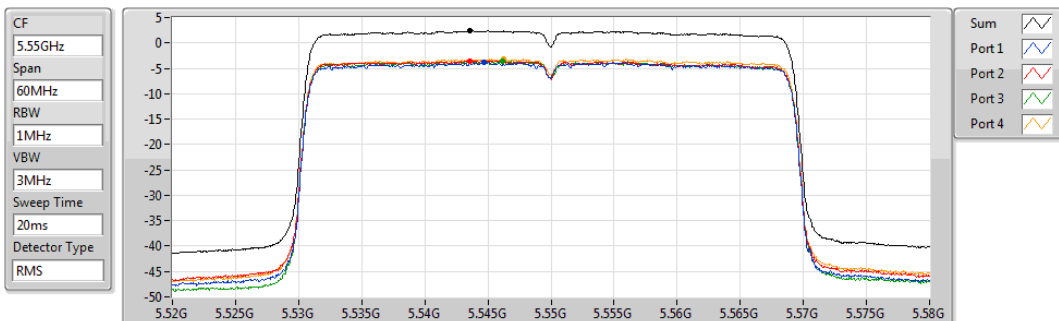
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.62	1.62	-4.91	-3.97	-4.30	-4.04

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

12/12/2018



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.40	2.40	-3.91	-3.53	-3.63	-3.17