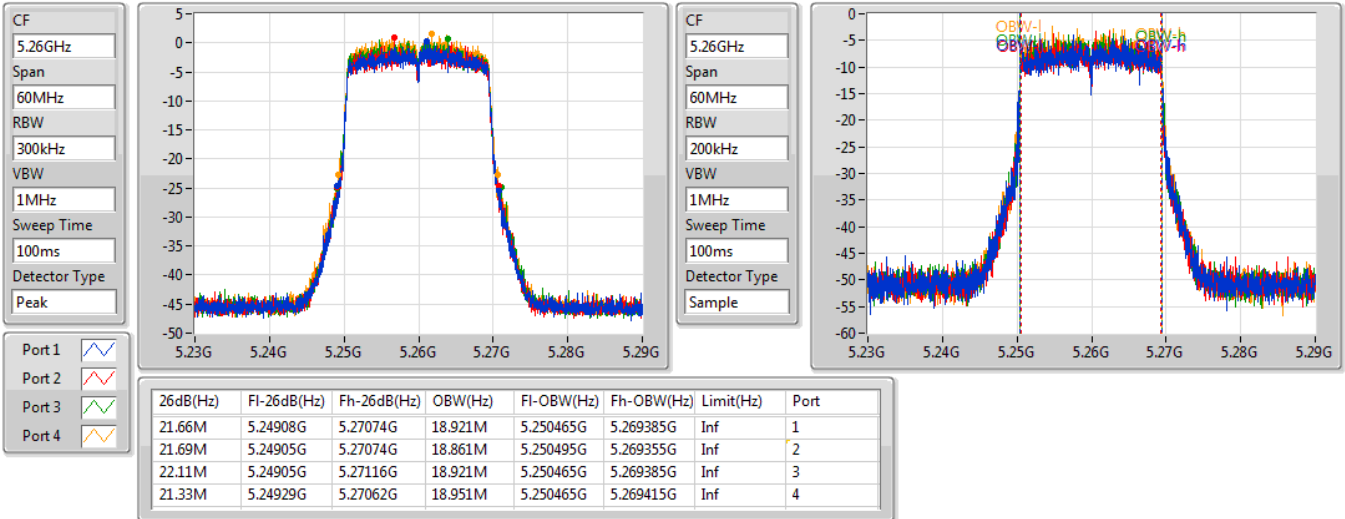
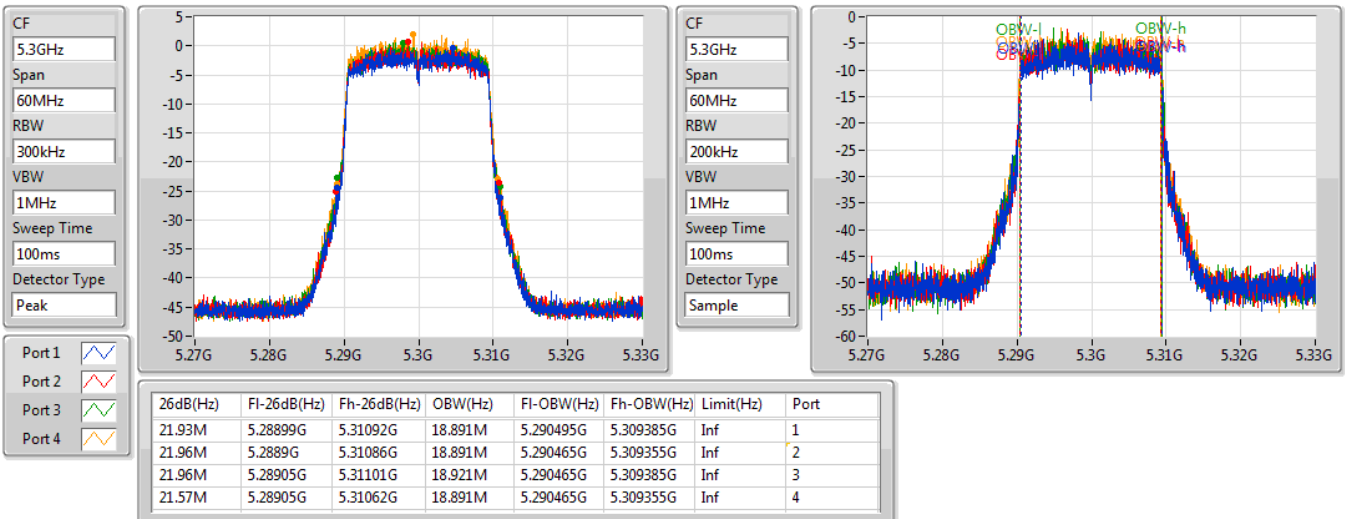


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5260MHz

31/07/2019

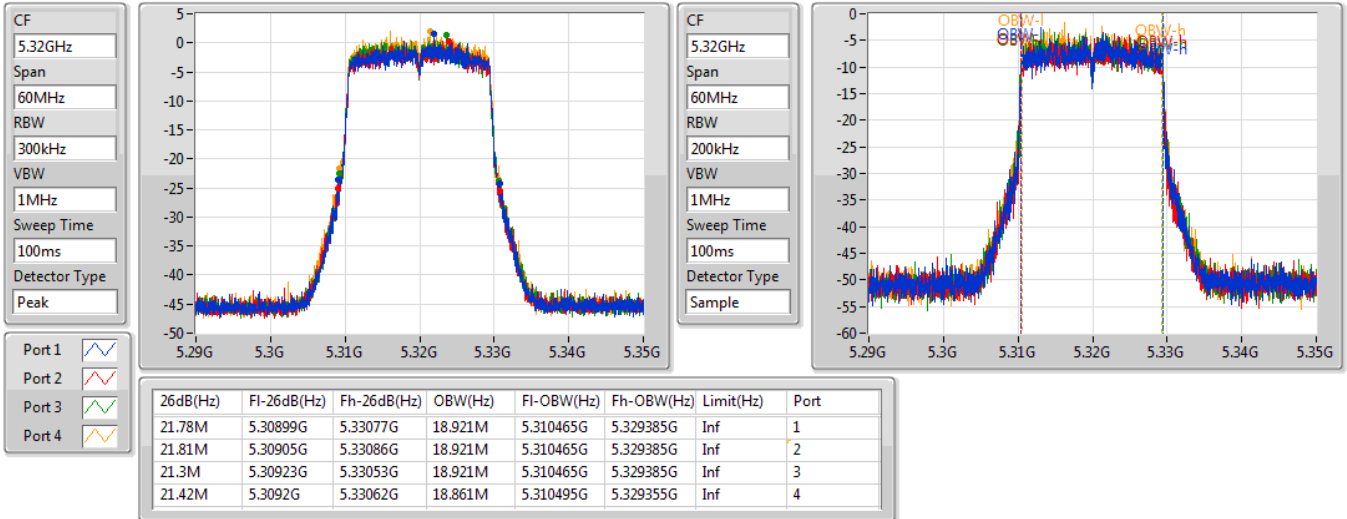

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5300MHz

01/08/2019

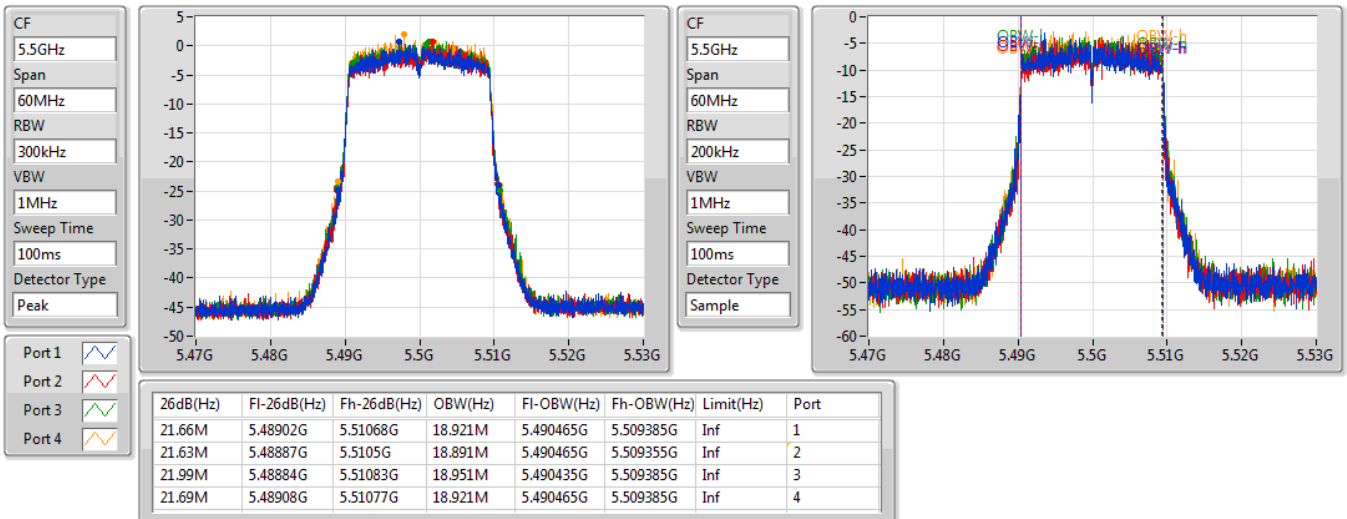


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5320MHz

01/08/2019

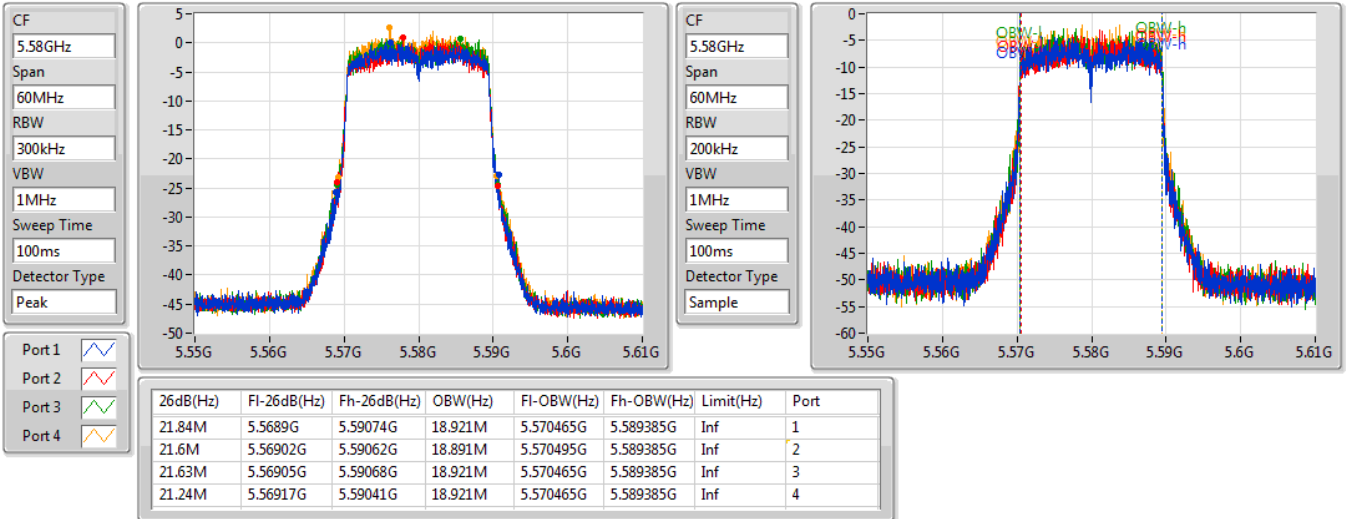

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5500MHz

01/08/2019

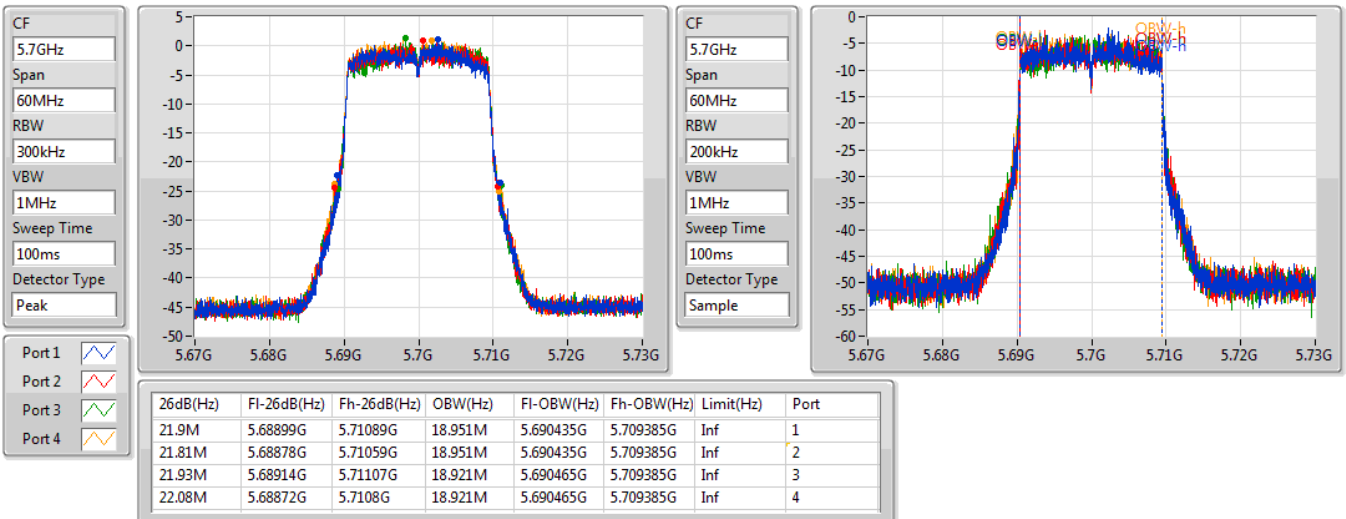


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5580MHz

01/08/2019

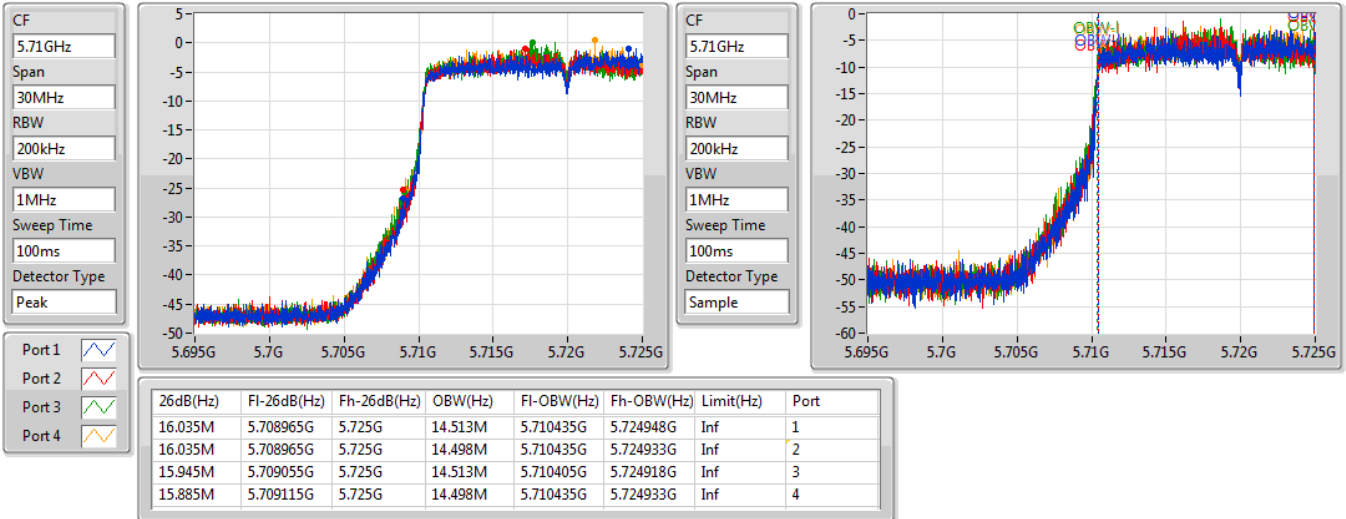

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5700MHz

01/08/2019

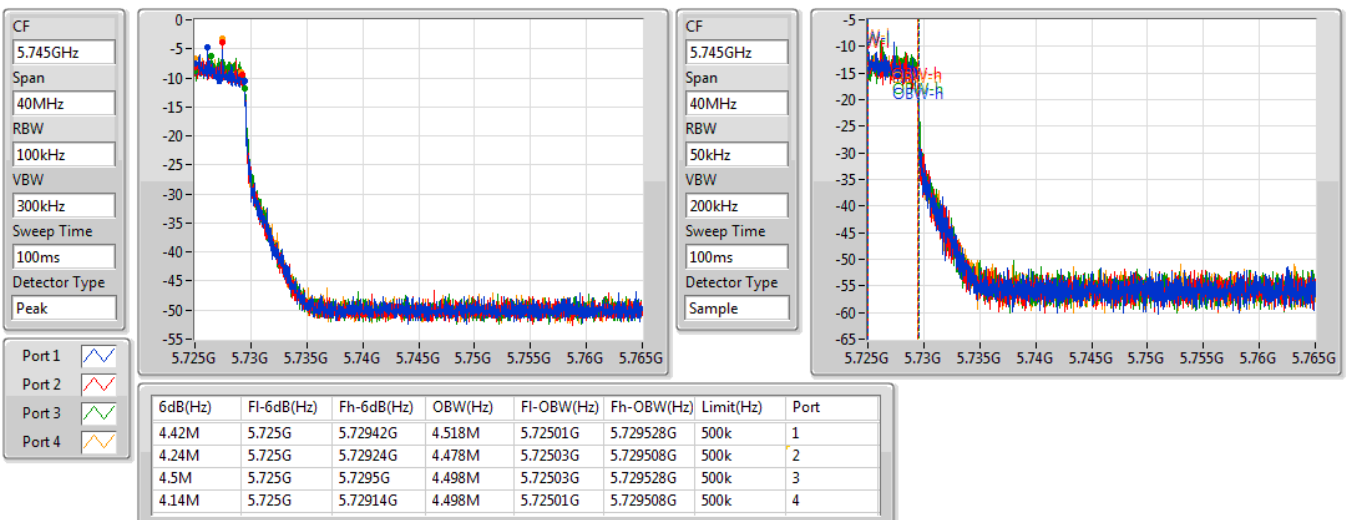


802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

01/08/2019

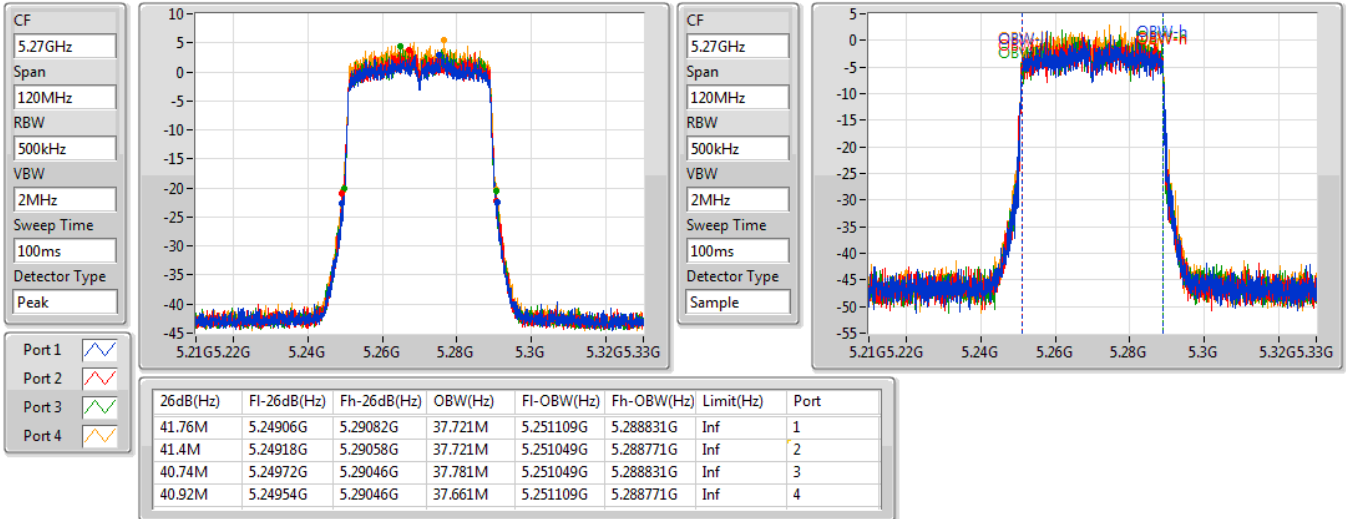

802.11ax HEW20_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

01/08/2019

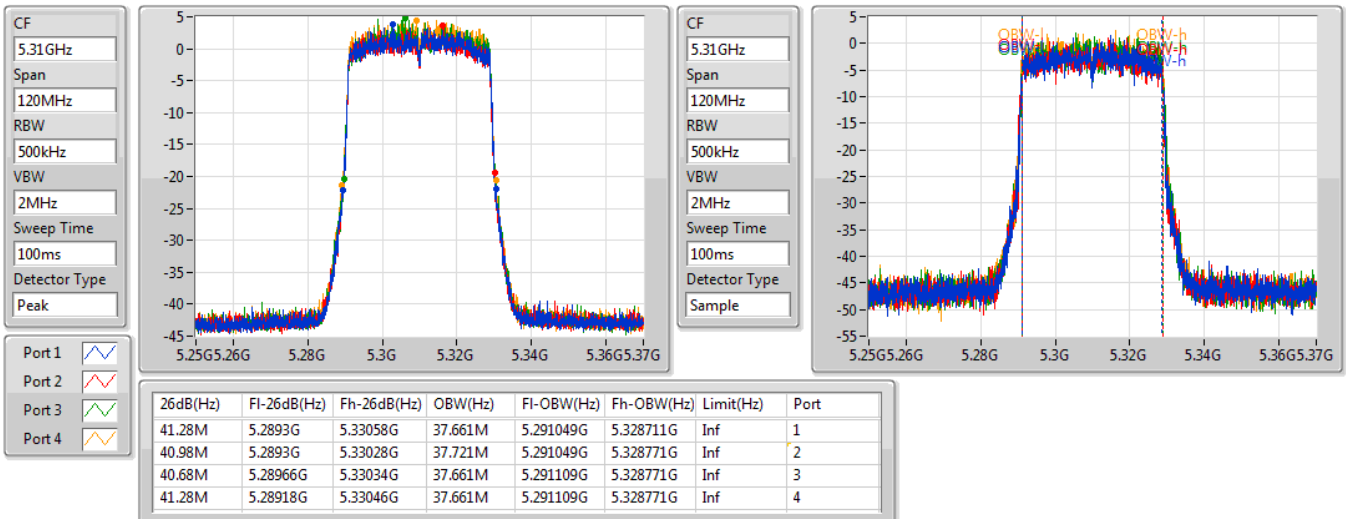


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5270MHz

01/08/2019

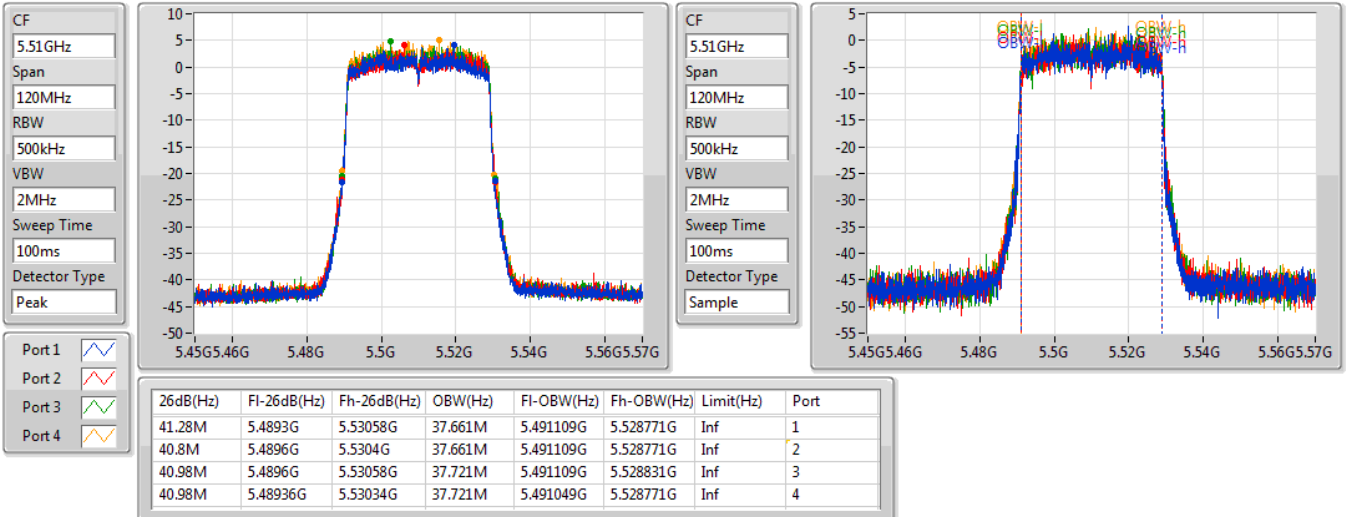

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5310MHz

01/08/2019

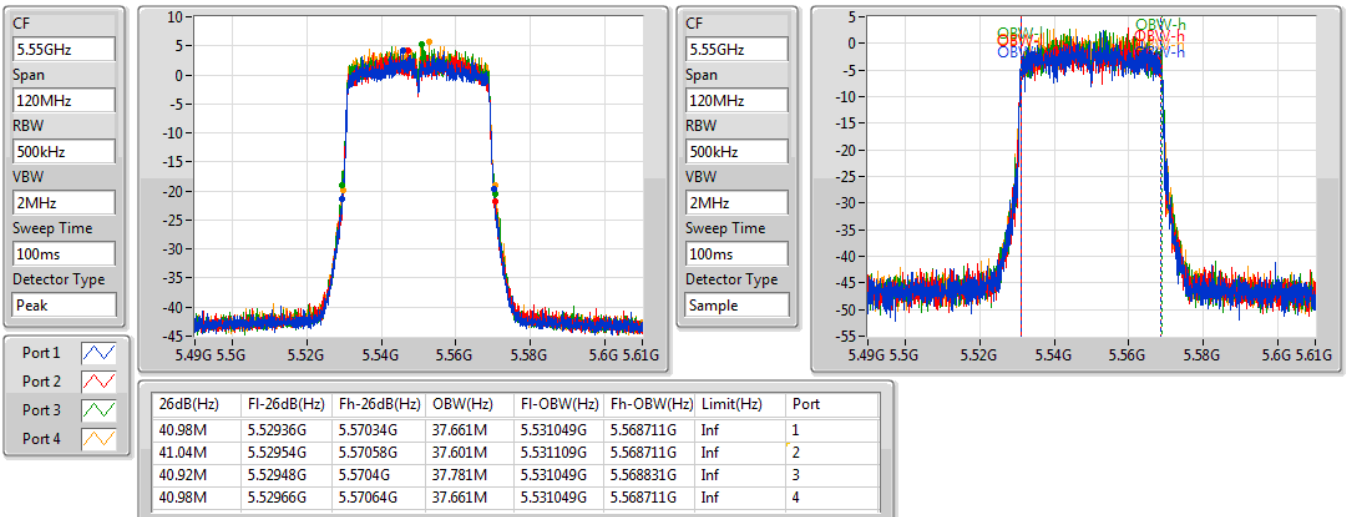


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5510MHz

01/08/2019

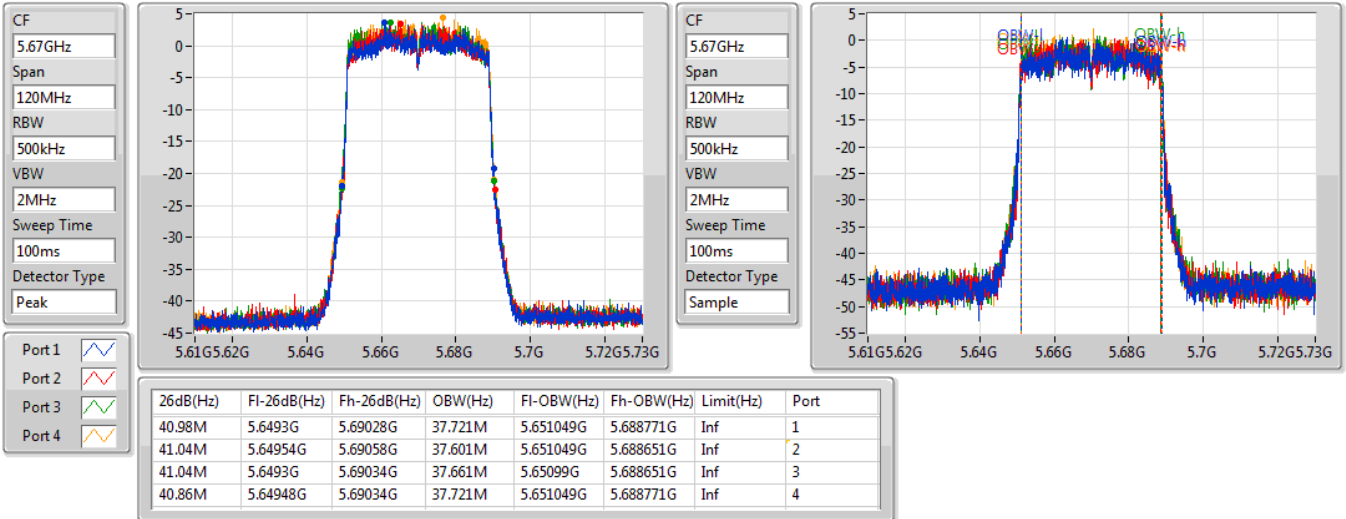

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5550MHz

01/08/2019

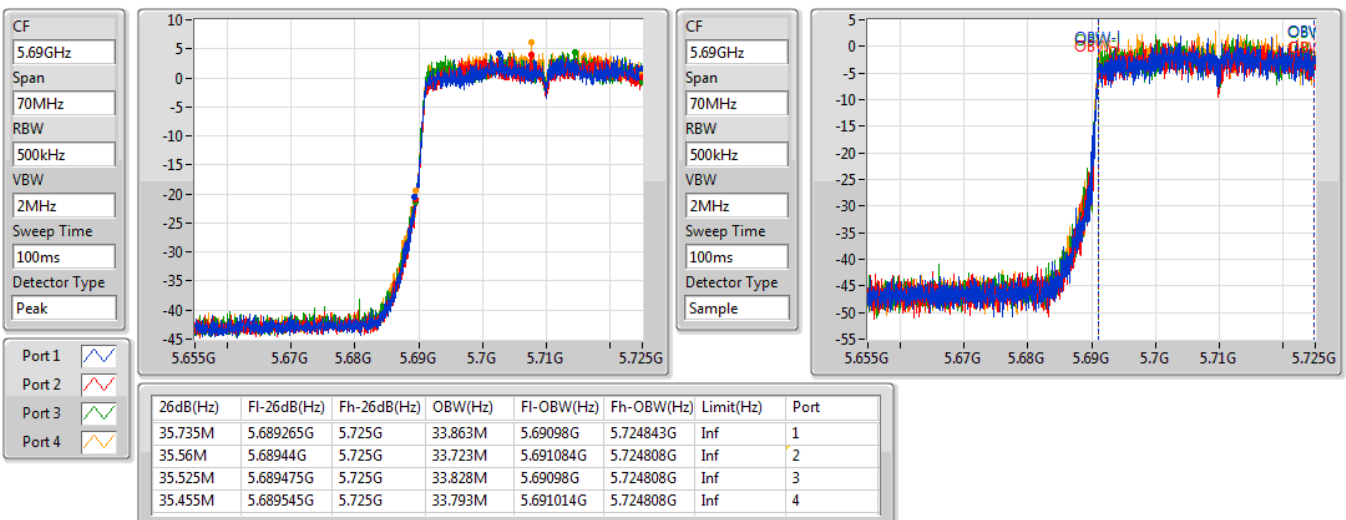


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5670MHz

01/08/2019

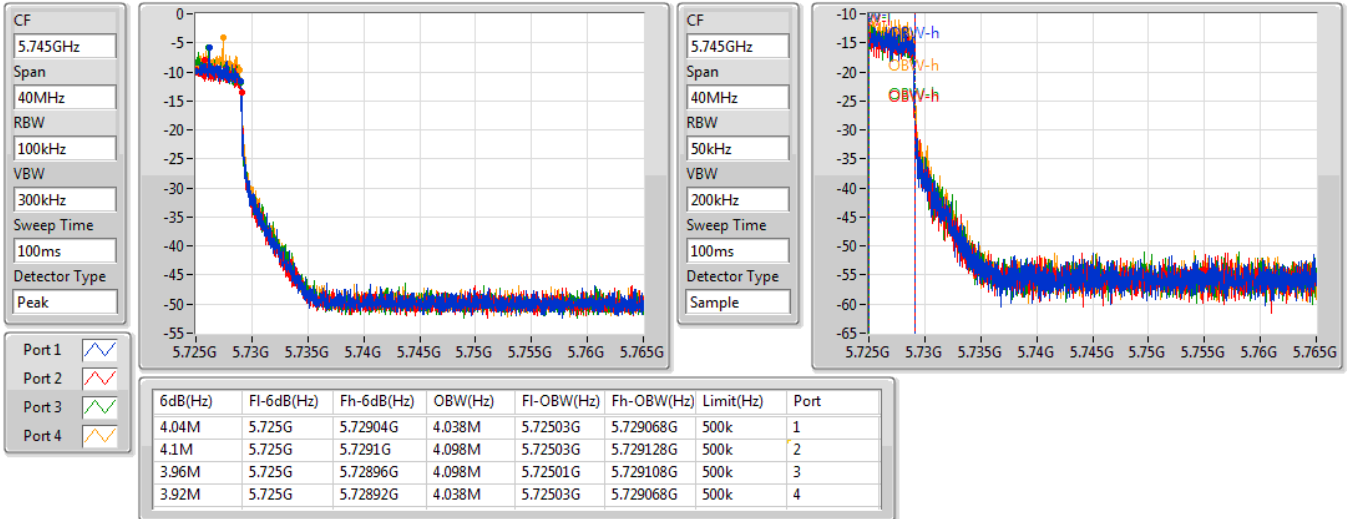

802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

01/08/2019

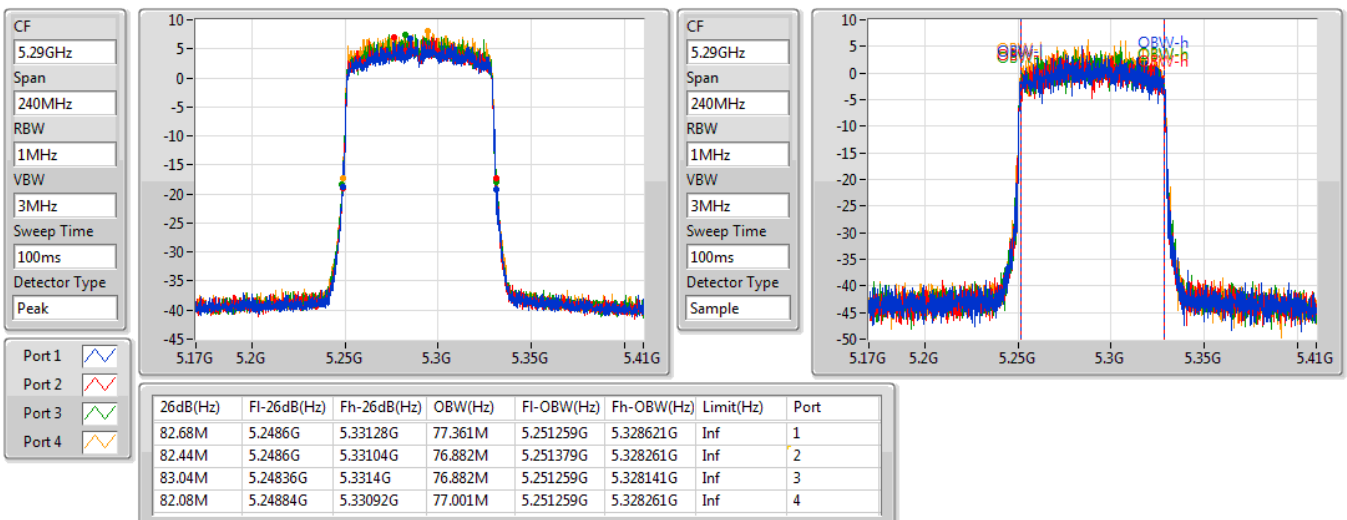


802.11ax HEW40_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

01/08/2019

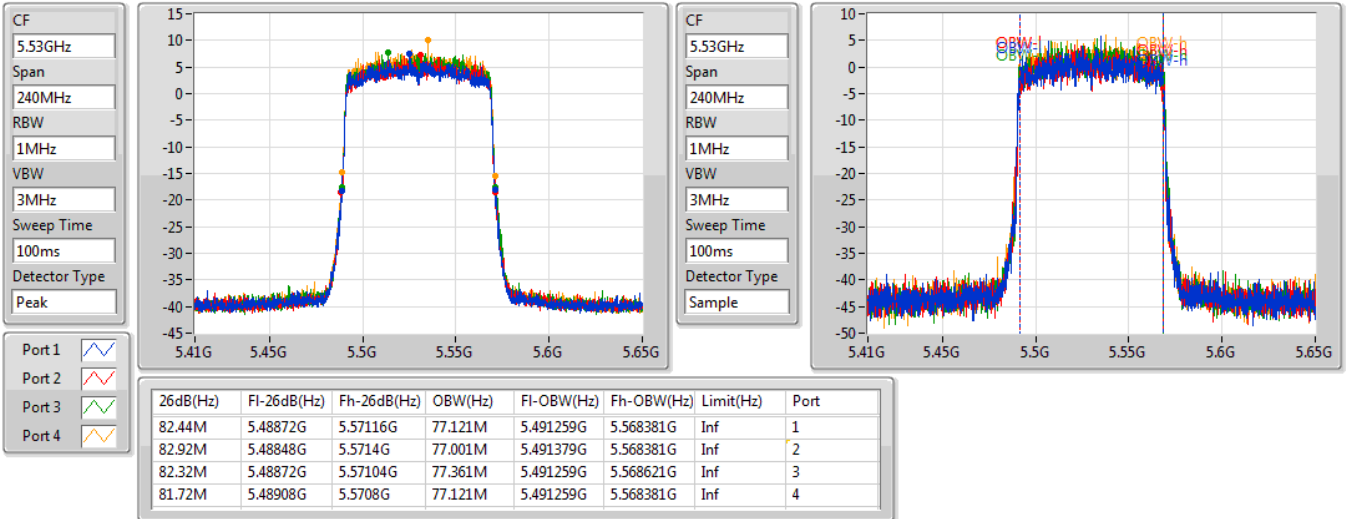

802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5290MHz

01/08/2019

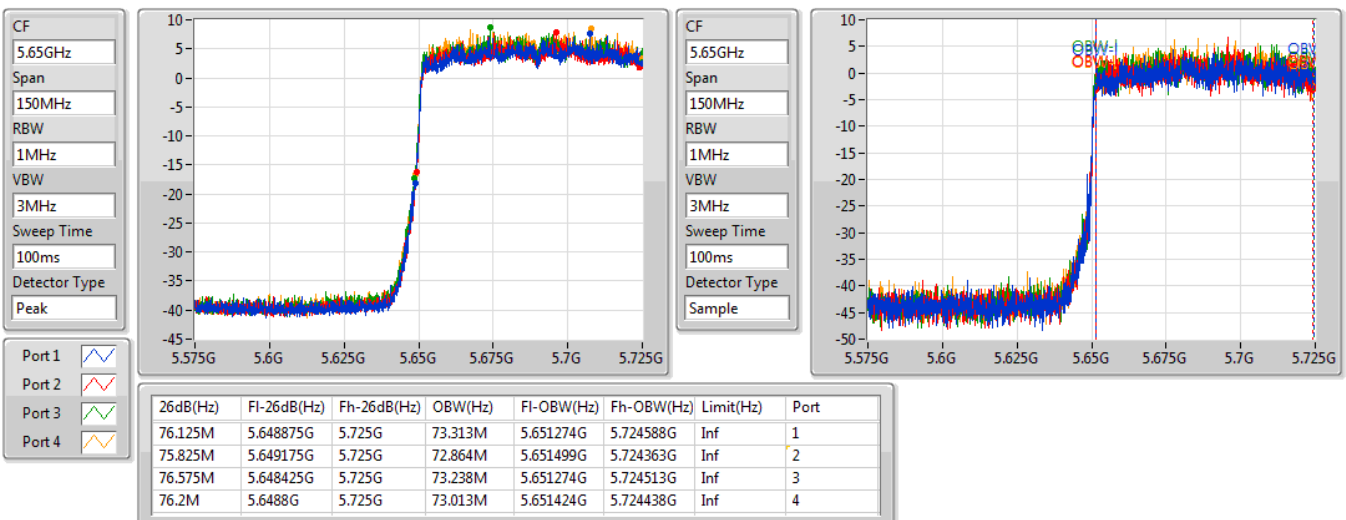


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5530MHz

01/08/2019


802.11ax HEW80_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

01/08/2019

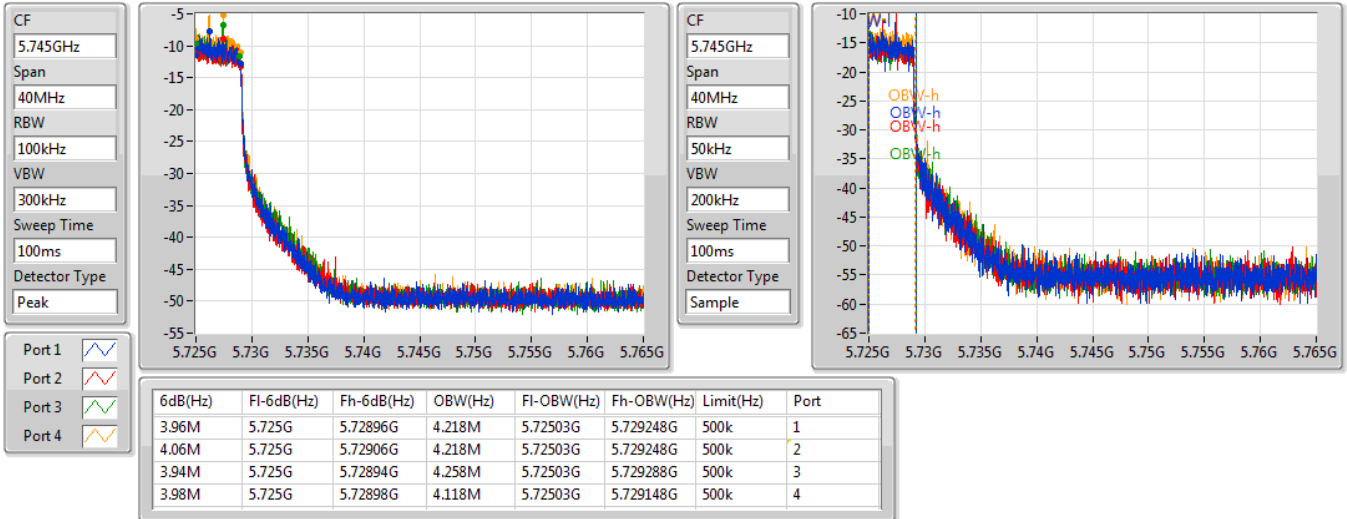


802.11ax HEW80_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

01/08/2019



Summary

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
5.25-5.35GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.11M	18.951M	19M0D1D	21.36M	18.861M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	41.58M	37.721M	37M7D1D	40.62M	37.661M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.48M	77.121M	77M1D1D	80.64M	76.882M
5.47-5.725GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.32M	18.951M	19M0D1D	15.825M	14.483M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	41.58M	37.781M	37M8D1D	35.245M	33.723M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	81.72M	77.241M	77M2D1D	75.525M	73.088M
5.725-5.85GHz	-	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.38M	4.518M	4M52D1D	4.32M	4.498M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.06M	4.358M	4M36D1D	3.88M	4.178M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4M	8.536M	8M54D1D	3.9M	5.837M

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

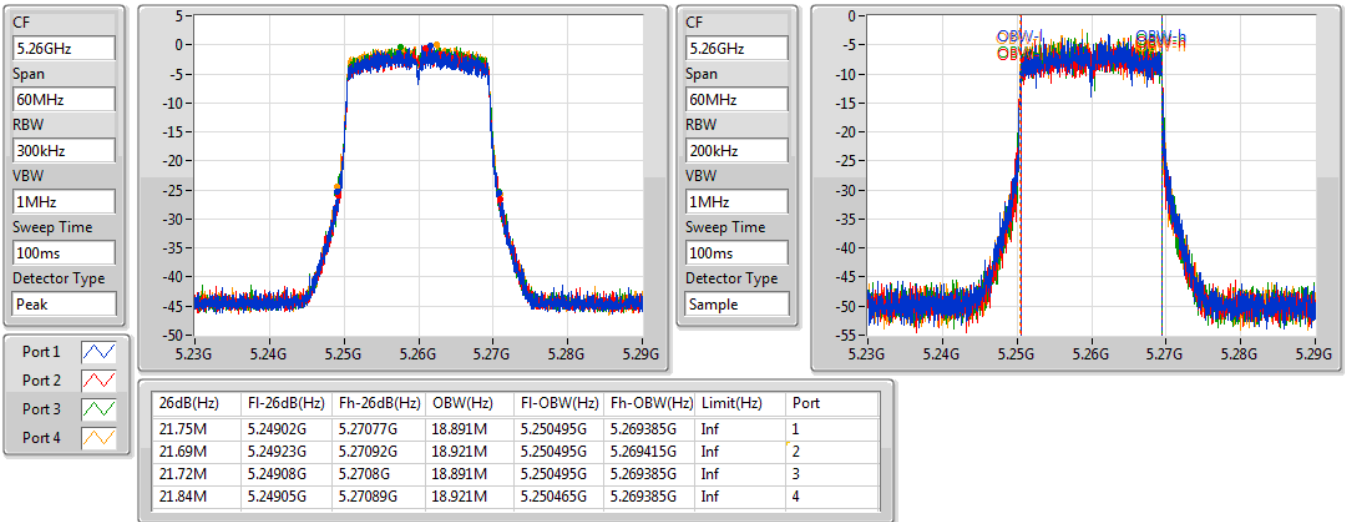
Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)	Port 2-N dB (Hz)	Port 2-OBW (Hz)	Port 3-N dB (Hz)	Port 3-OBW (Hz)	Port 4-N dB (Hz)	Port 4-OBW (Hz)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	Inf	21.75M	18.891M	21.69M	18.921M	21.72M	18.891M	21.84M	18.921M
5300MHz	Pass	Inf	21.81M	18.891M	21.6M	18.921M	21.9M	18.861M	21.57M	18.921M
5320MHz	Pass	Inf	22.11M	18.891M	21.66M	18.951M	21.84M	18.891M	21.36M	18.921M
5500MHz	Pass	Inf	22.02M	18.891M	22.08M	18.891M	21.48M	18.861M	21.63M	18.891M
5580MHz	Pass	Inf	21.99M	18.951M	22.08M	18.921M	20.58M	18.861M	21.6M	18.891M
5700MHz	Pass	Inf	22.32M	18.921M	21.72M	18.921M	21.57M	18.891M	21.72M	18.891M
5720MHz Straddle 5.47-5.725GHz	Pass	Inf	15.93M	14.498M	15.84M	14.483M	15.825M	14.483M	15.96M	14.483M
5720MHz Straddle 5.725-5.85GHz	Pass	500k	4.38M	4.498M	4.32M	4.518M	4.36M	4.518M	4.38M	4.518M
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	Inf	41.4M	37.721M	40.74M	37.721M	41.16M	37.661M	41.58M	37.661M
5310MHz	Pass	Inf	41.22M	37.721M	41.4M	37.661M	41.28M	37.721M	40.62M	37.661M
5510MHz	Pass	Inf	41.04M	37.661M	41.16M	37.781M	41.58M	37.721M	40.98M	37.661M
5550MHz	Pass	Inf	41.1M	37.661M	41.04M	37.721M	41.16M	37.781M	40.8M	37.721M
5670MHz	Pass	Inf	40.26M	37.721M	40.8M	37.661M	40.32M	37.721M	40.74M	37.781M
5710MHz Straddle 5.47-5.725GHz	Pass	Inf	35.385M	33.758M	35.28M	33.758M	35.245M	33.723M	35.525M	33.863M
5710MHz Straddle 5.725-5.85GHz	Pass	500k	3.88M	4.318M	4.06M	4.218M	4.04M	4.358M	3.96M	4.178M
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	Inf	81.36M	77.001M	81.48M	77.121M	81.24M	77.121M	80.64M	76.882M
5530MHz	Pass	Inf	80.88M	77.001M	81.24M	76.882M	81.72M	77.241M	81.24M	77.001M
5610MHz	Pass	Inf	81.36M	77.241M	81.12M	77.121M	80.76M	77.001M	81.36M	77.121M
5690MHz Straddle 5.47-5.725GHz	Pass	Inf	75.675M	73.163M	75.525M	73.088M	75.675M	73.163M	75.6M	73.163M
5690MHz Straddle 5.725-5.85GHz	Pass	500k	4M	5.837M	3.96M	7.716M	3.92M	8.536M	3.9M	5.837M

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

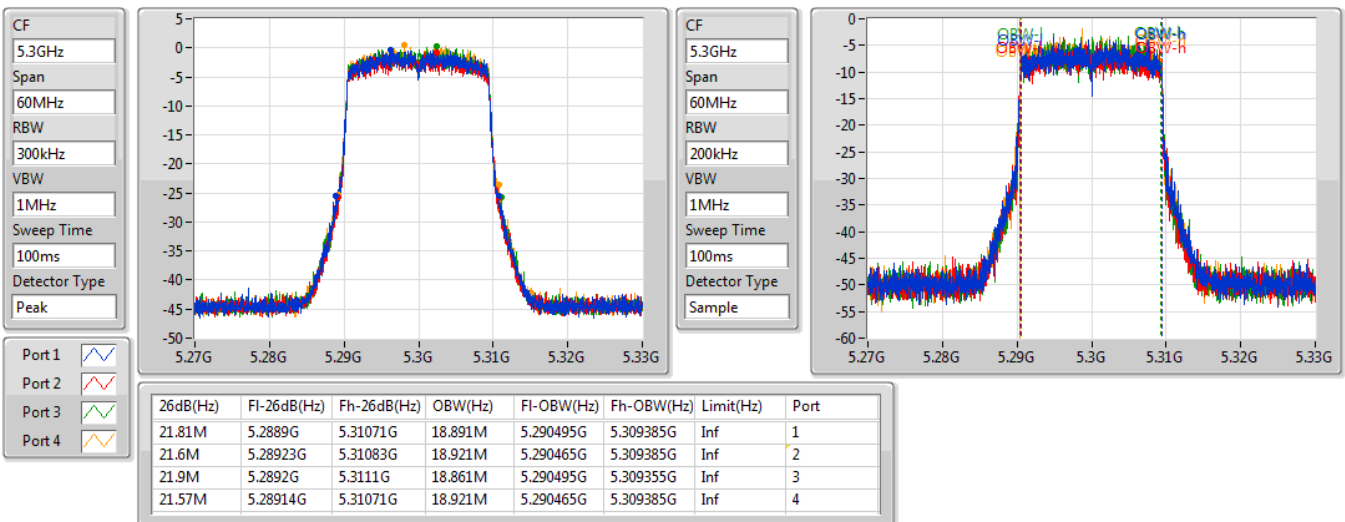
Port X-OBW = Port X 99% occupied bandwidth;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5260MHz

03/08/2019

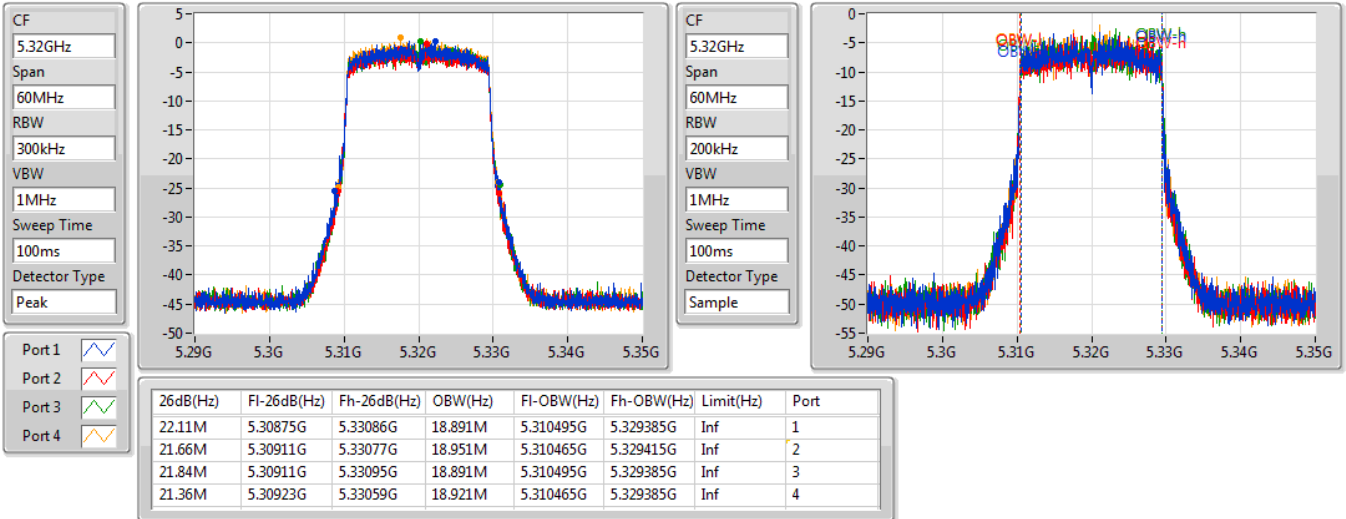

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5300MHz

03/08/2019

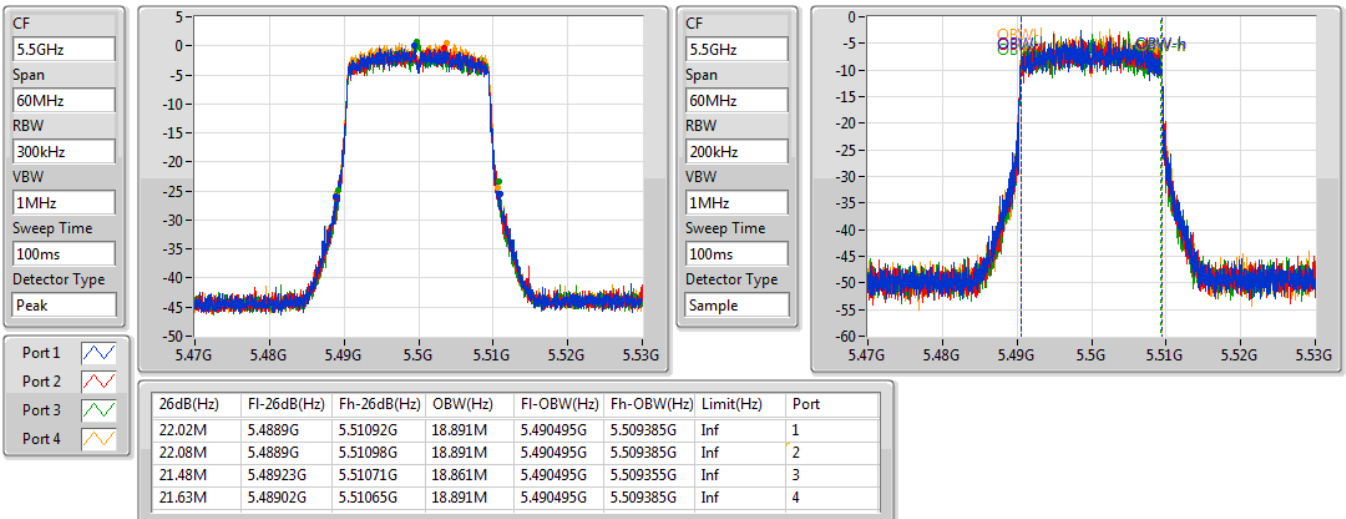


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5320MHz

03/08/2019

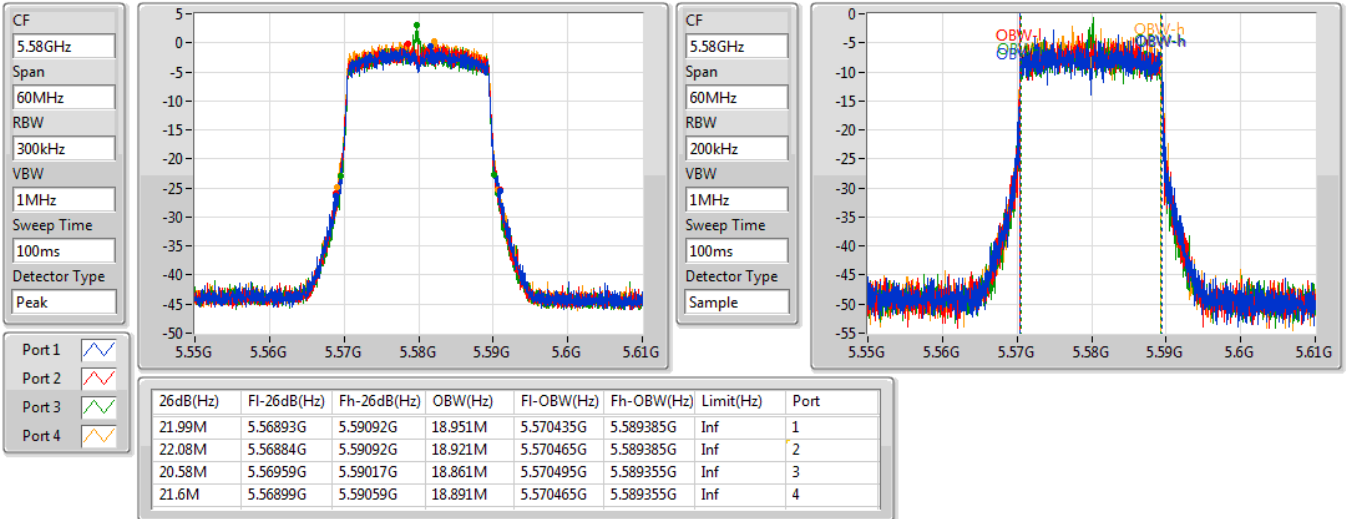

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5500MHz

03/08/2019

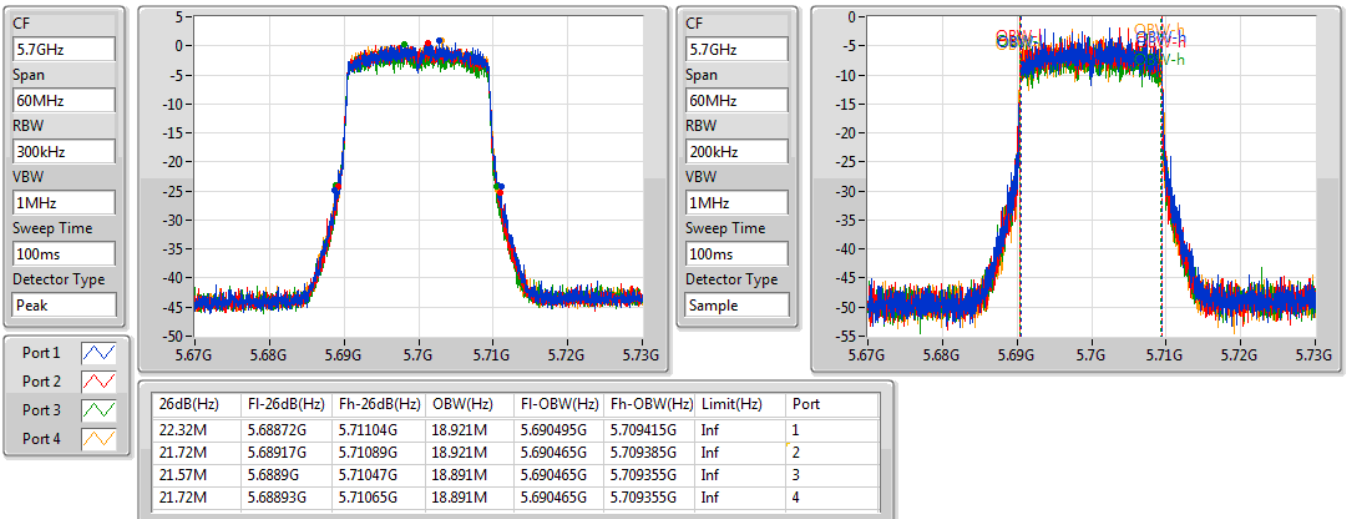


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5580MHz

03/08/2019

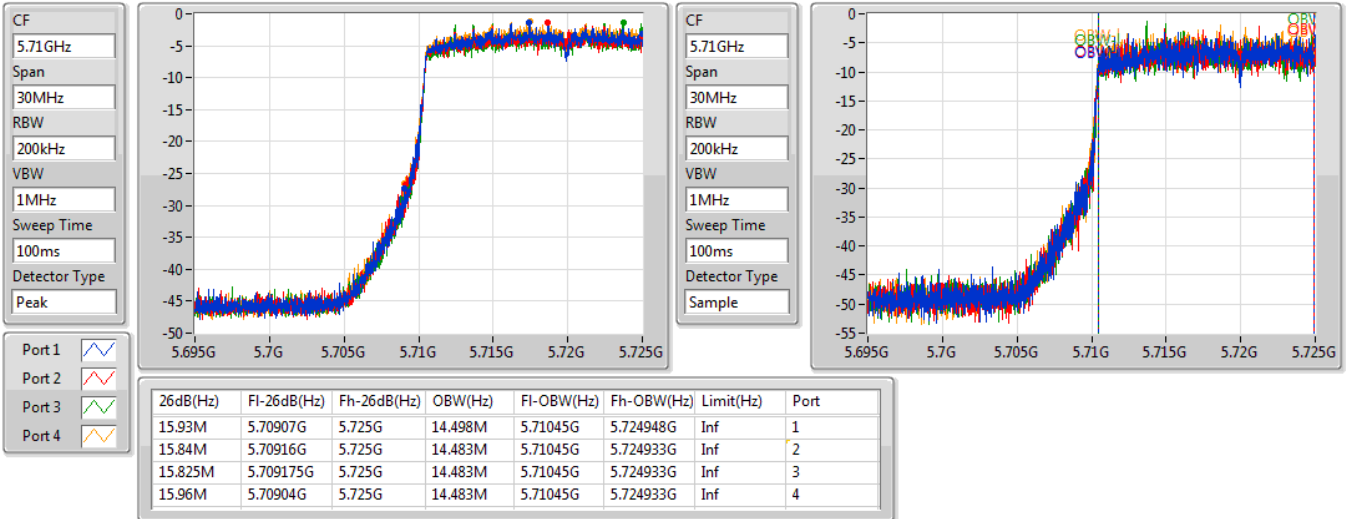

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5700MHz

03/08/2019

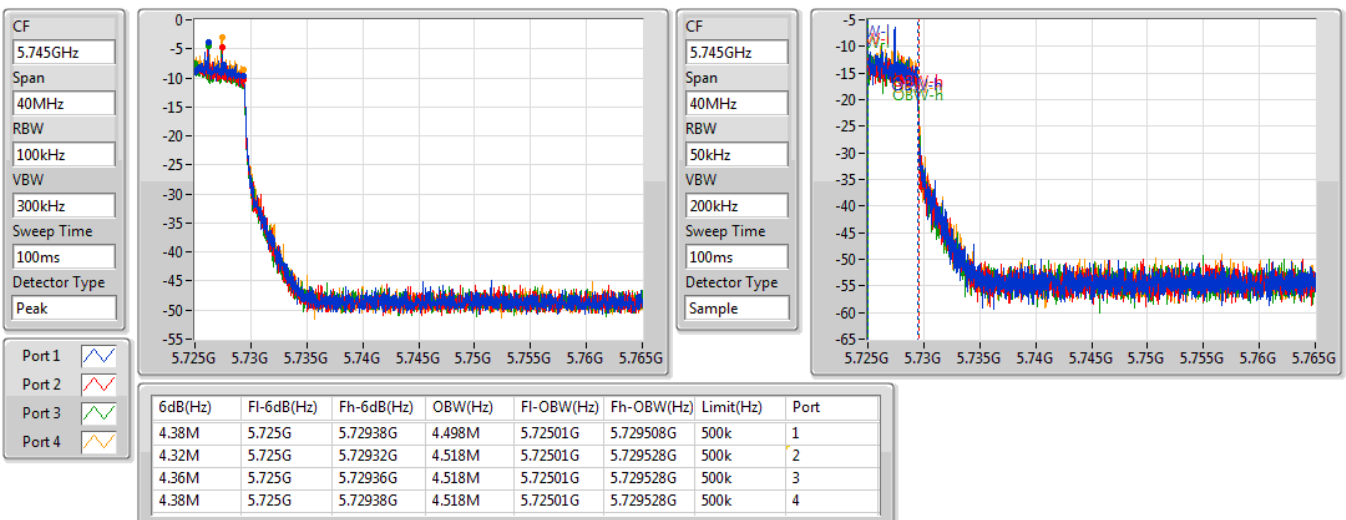


802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.47-5.725GHz

05/08/2019

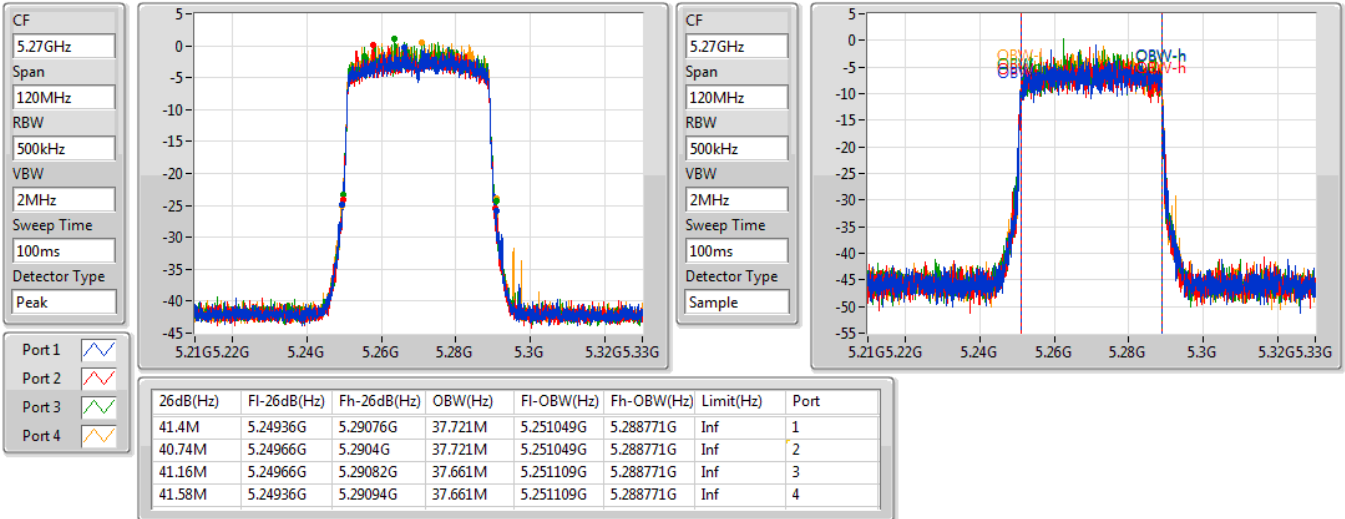

802.11ax HEW20-BF_Nss1,(MCS0)_4TX
EBW
5720MHz Straddle 5.725-5.85GHz

05/08/2019

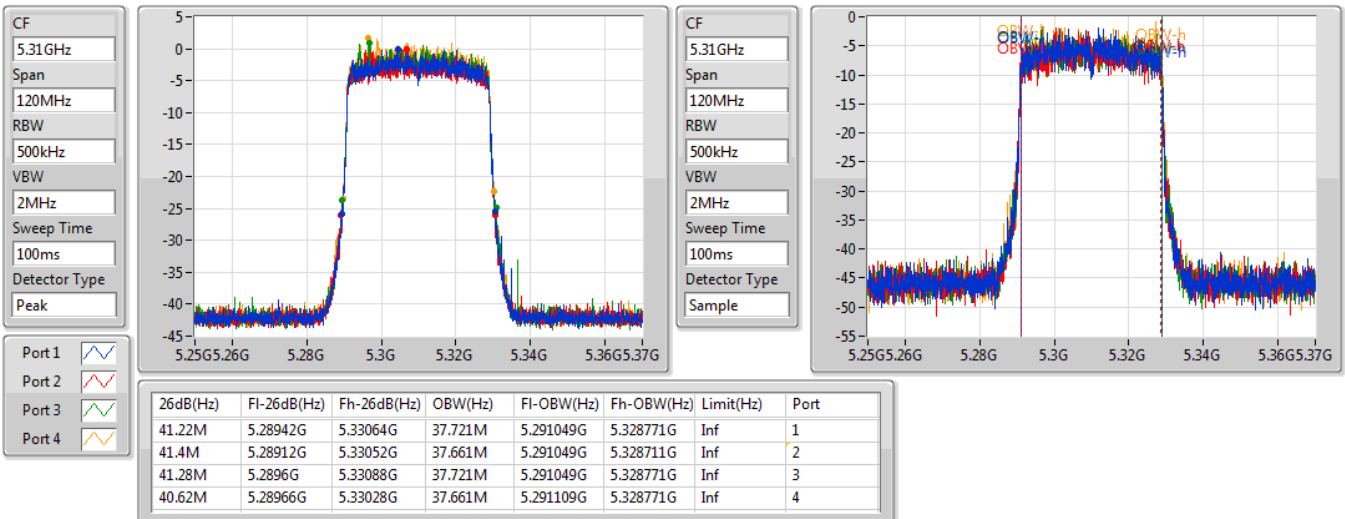


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5270MHz

05/08/2019

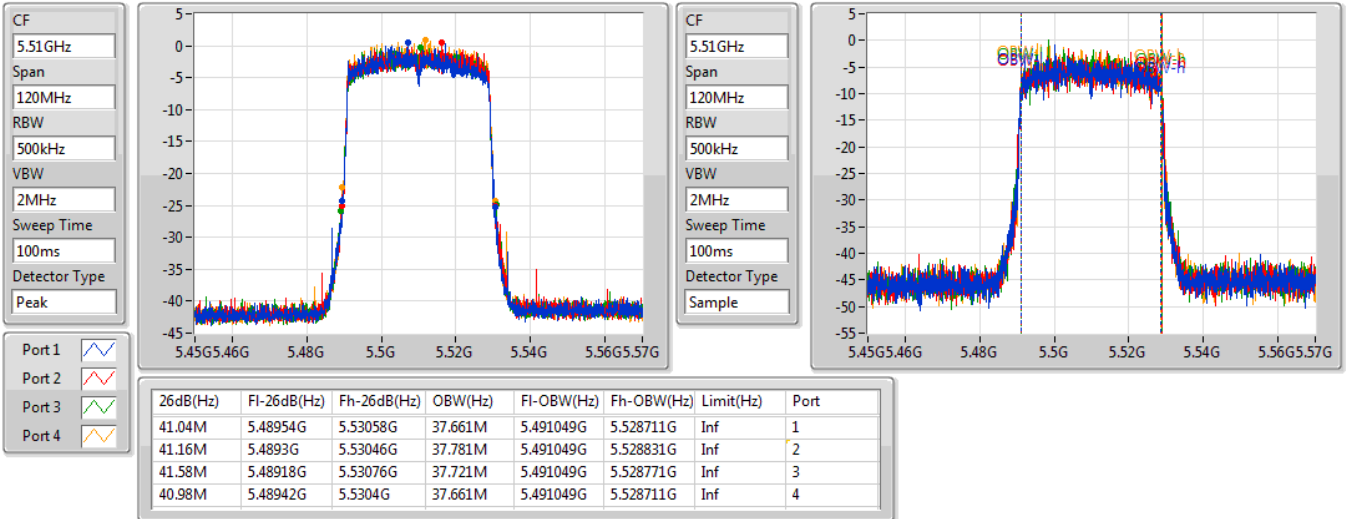

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5310MHz

05/08/2019

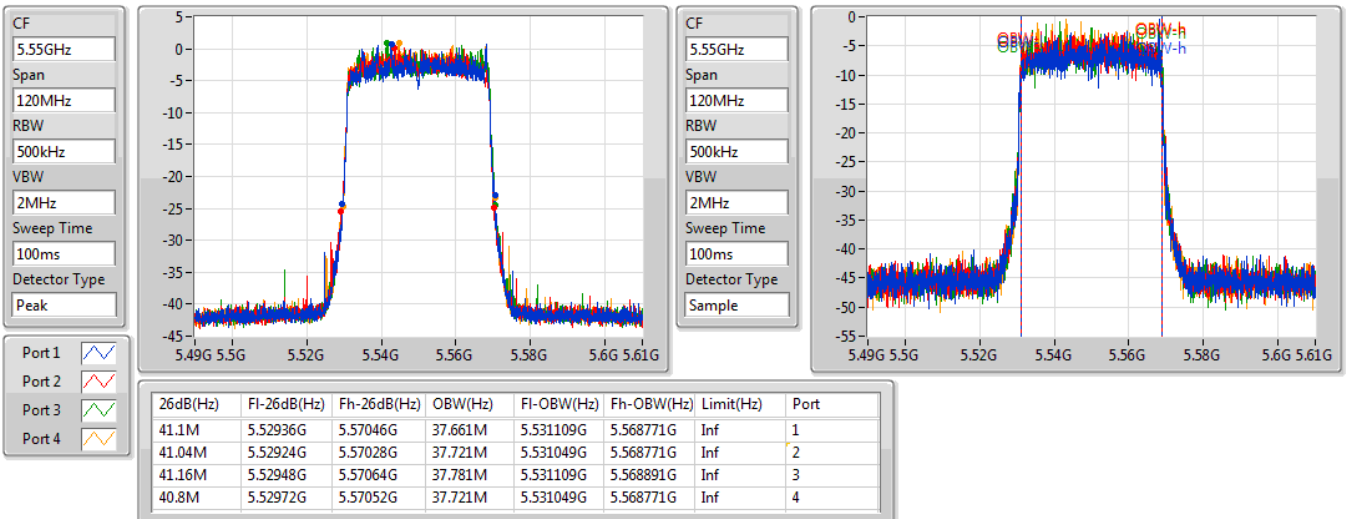


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5510MHz

05/08/2019

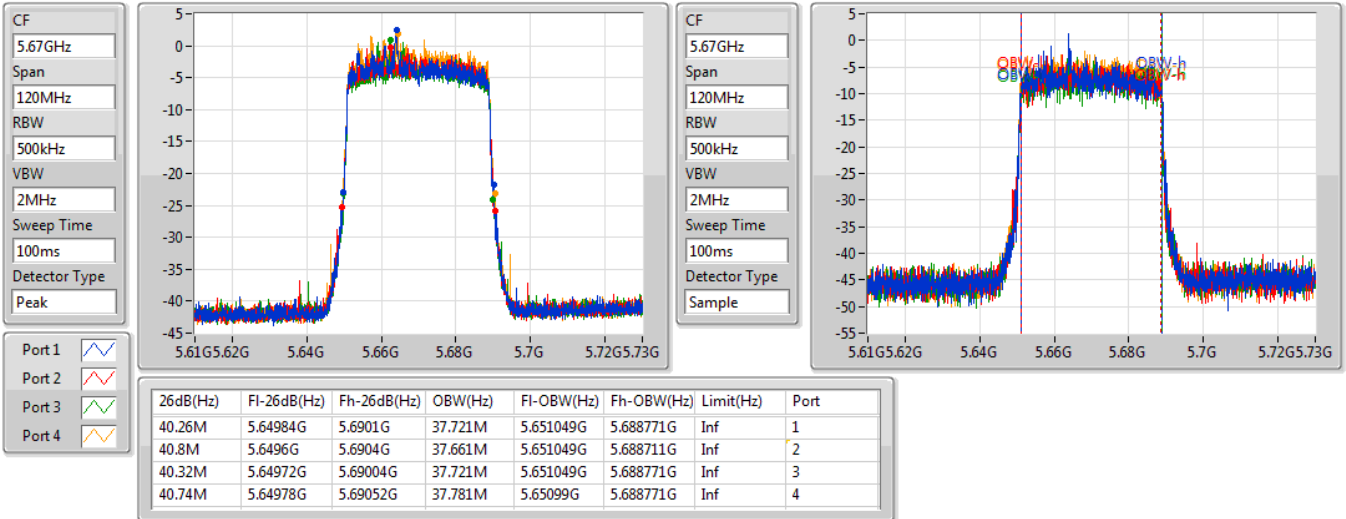

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5550MHz

05/08/2019

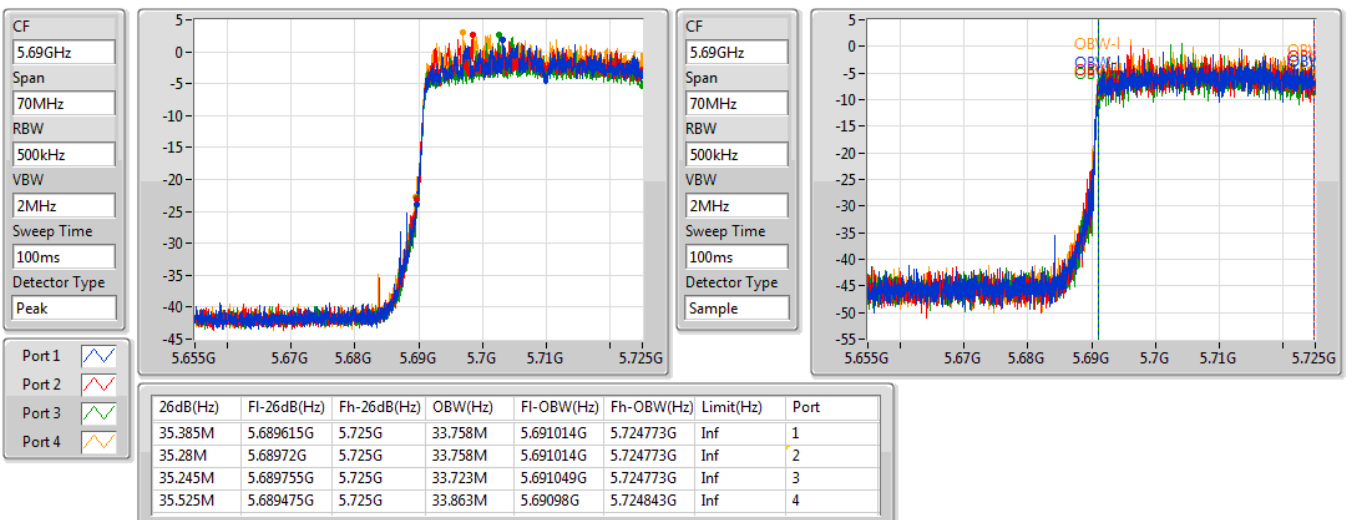


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5670MHz

05/08/2019

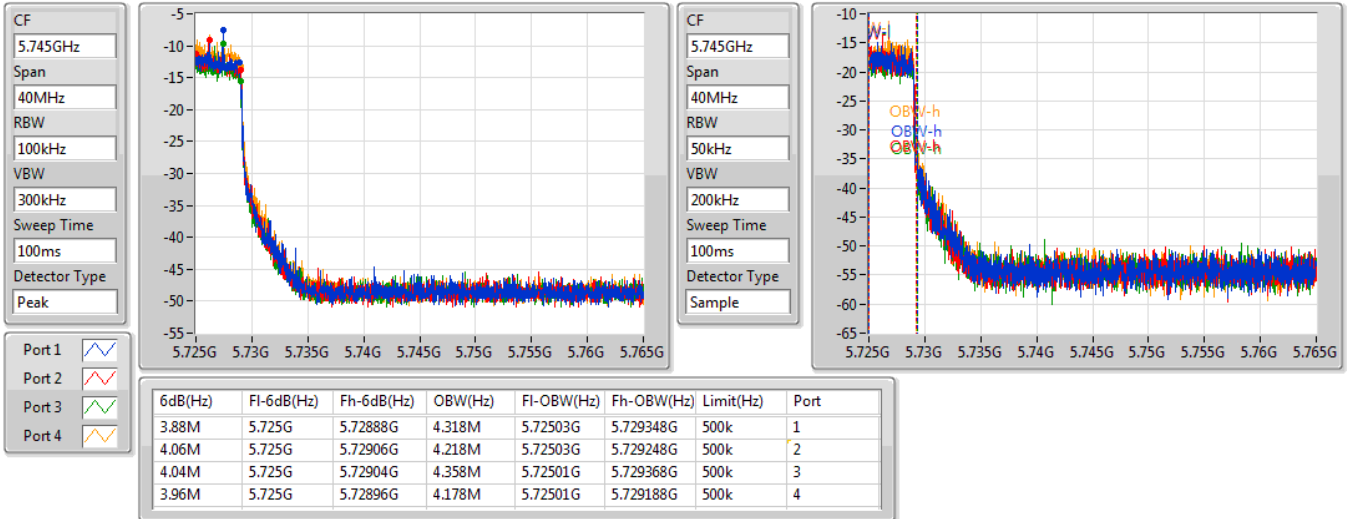

802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.47-5.725GHz

05/08/2019

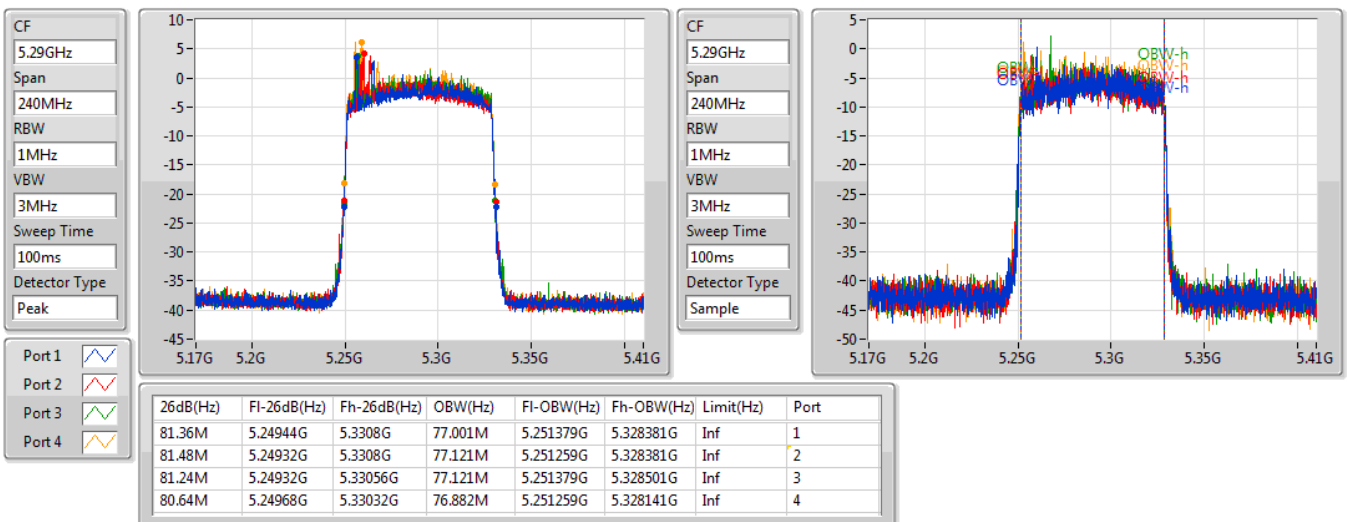


802.11ax HEW40-BF_Nss1,(MCS0)_4TX
EBW
5710MHz Straddle 5.725-5.85GHz

05/08/2019


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5290MHz

05/08/2019

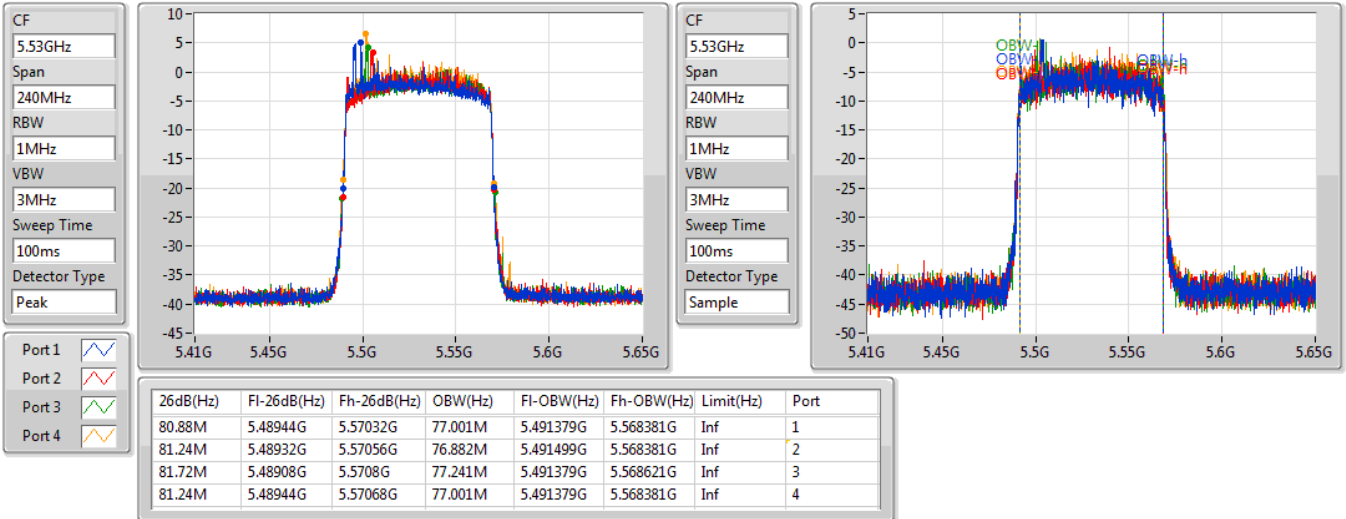


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5530MHz

05/08/2019

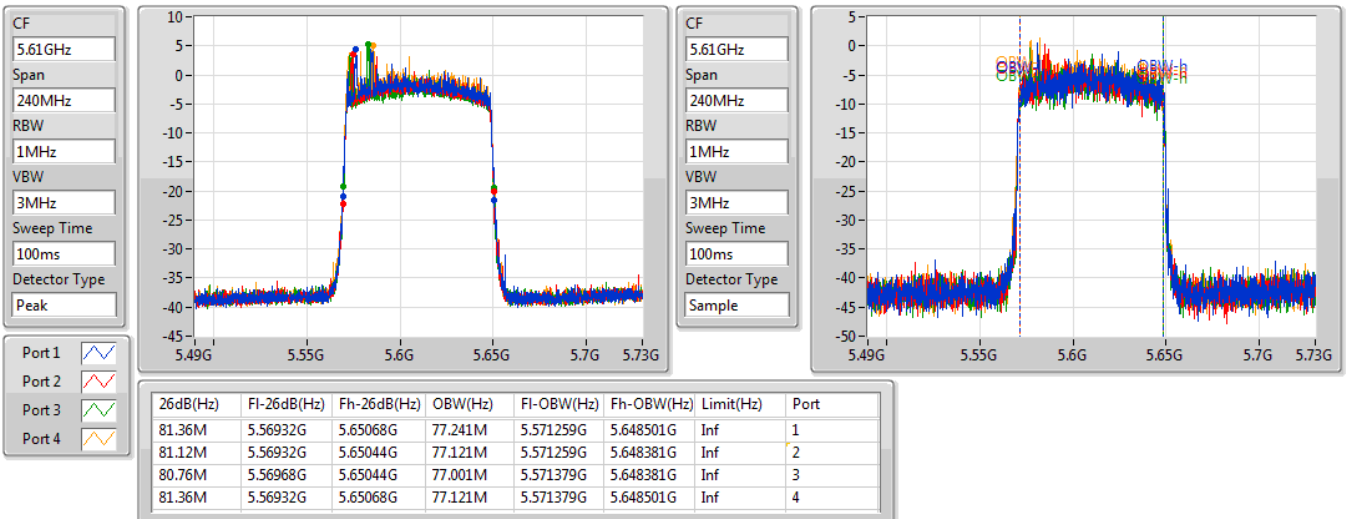


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

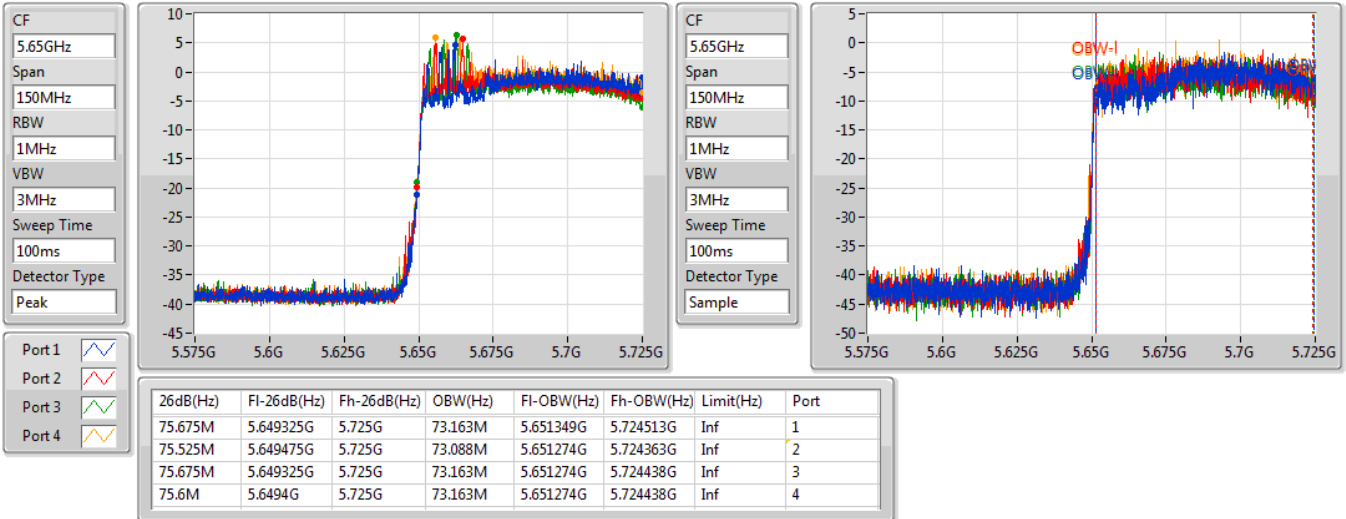
5610MHz

05/08/2019

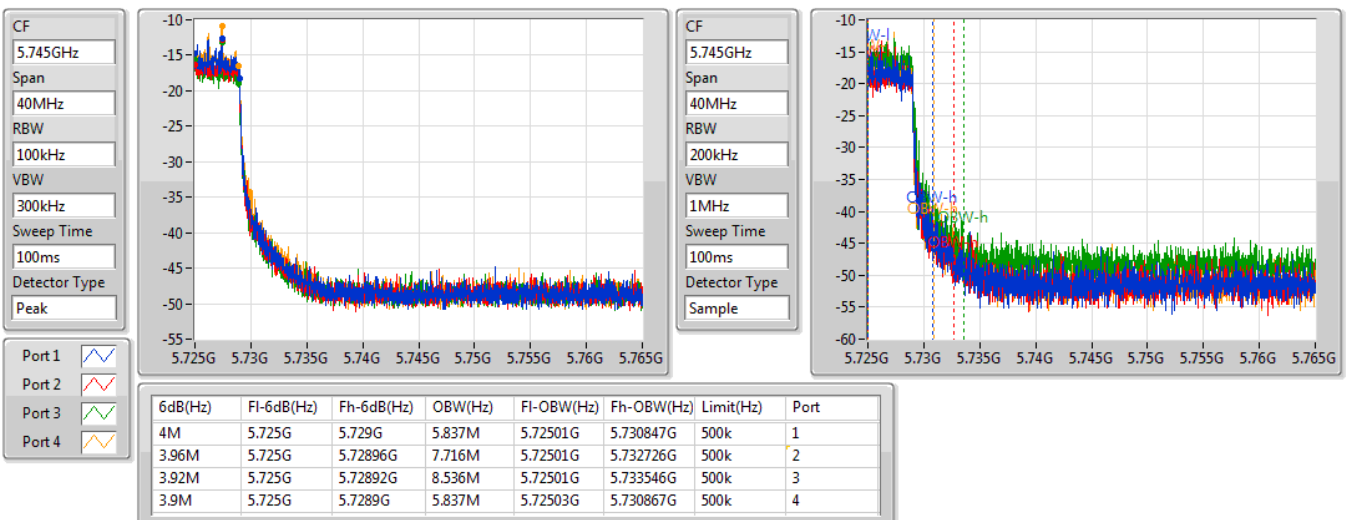


802.11ax HEW80-BF_Nss1,(MCS0)_4TX
EBW
5690MHz Straddle 5.47-5.725GHz

05/08/2019


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

05/08/2019



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.73	0.23605
802.11ax HEW20_Nss1,(MCS0)_1TX	23.96	0.24889
802.11ax HEW40_Nss1,(MCS0)_1TX	23.96	0.24889
802.11ax HEW80_Nss1,(MCS0)_1TX	23.26	0.21184
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.89	0.24491
802.11ax HEW20_Nss1,(MCS0)_1TX	23.96	0.24889
802.11ax HEW40_Nss1,(MCS0)_1TX	23.96	0.24889
802.11ax HEW80_Nss1,(MCS0)_1TX	23.95	0.24831
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	15.80	0.03802
802.11ax HEW20_Nss1,(MCS0)_1TX	17.26	0.05321
802.11ax HEW40_Nss1,(MCS0)_1TX	13.70	0.02344
802.11ax HEW80_Nss1,(MCS0)_1TX	9.80	0.00955

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	4.17	23.59	23.59	23.98
5300MHz	Pass	4.17	23.69	23.69	23.98
5320MHz	Pass	4.17	23.73	23.73	23.98
5500MHz	Pass	4.17	23.89	23.89	23.98
5580MHz	Pass	4.17	23.78	23.78	23.98
5700MHz	Pass	4.17	23.62	23.62	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.17	22.54	22.54	22.87
5720MHz Straddle 5.725-5.85GHz	Pass	4.17	15.80	15.80	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	4.17	23.90	23.90	23.98
5300MHz	Pass	4.17	23.95	23.95	23.98
5320MHz	Pass	4.17	23.96	23.96	23.98
5500MHz	Pass	4.17	23.62	23.62	23.98
5580MHz	Pass	4.17	23.96	23.96	23.98
5700MHz	Pass	4.17	22.82	22.82	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.17	22.92	22.92	23.32
5720MHz Straddle 5.725-5.85GHz	Pass	4.17	17.26	17.26	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	4.17	23.90	23.90	23.98
5310MHz	Pass	4.17	23.96	23.96	23.98
5510MHz	Pass	4.17	23.70	23.70	23.98
5550MHz	Pass	4.17	23.96	23.96	23.98
5670MHz	Pass	4.17	23.68	23.68	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.17	23.88	23.88	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.17	13.70	13.70	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	4.17	23.26	23.26	23.98
5530MHz	Pass	4.17	23.17	23.17	23.98
5610MHz	Pass	4.17	23.95	23.95	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.17	23.73	23.73	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.17	9.80	9.80	30.00

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

802.11a_Nss1,(6Mbps)_1TX

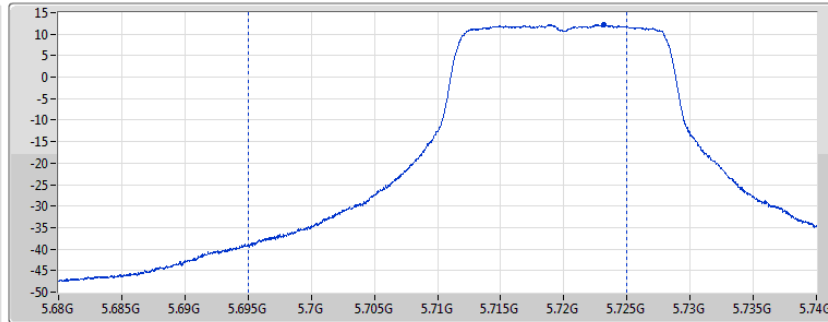
AV Power

5720MHz Straddle 5.47-5.725GHz

02/08/2019

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
30MHz

Sum=Total Power
PX=Port X



Port 1

Sum(dBm)	P1(dBm)
22.54	22.54

802.11a_Nss1,(6Mbps)_1TX

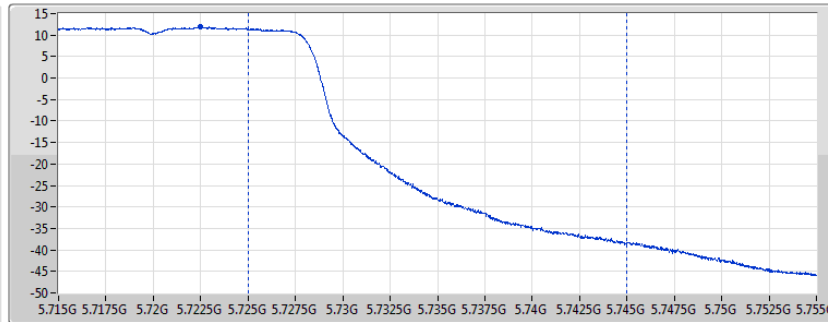
AV Power

5720MHz Straddle 5.725-5.85GHz

02/08/2019

CF
5.735GHz
Span
40MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
20MHz

Sum=Total Power
PX=Port X



Port 1

Sum(dBm)	P1(dBm)
15.80	15.80

802.11ax HEW20_Nss1,(MCS0)_1TX

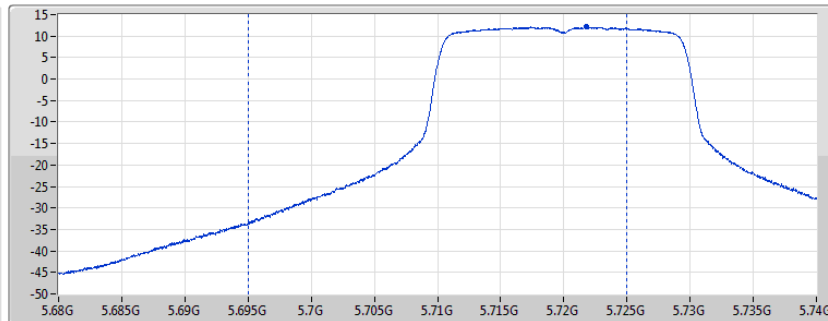
AV Power

5720MHz Straddle 5.47-5.725GHz

02/08/2019

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
30MHz

Sum=Total Power
PX=Port X



Port 1

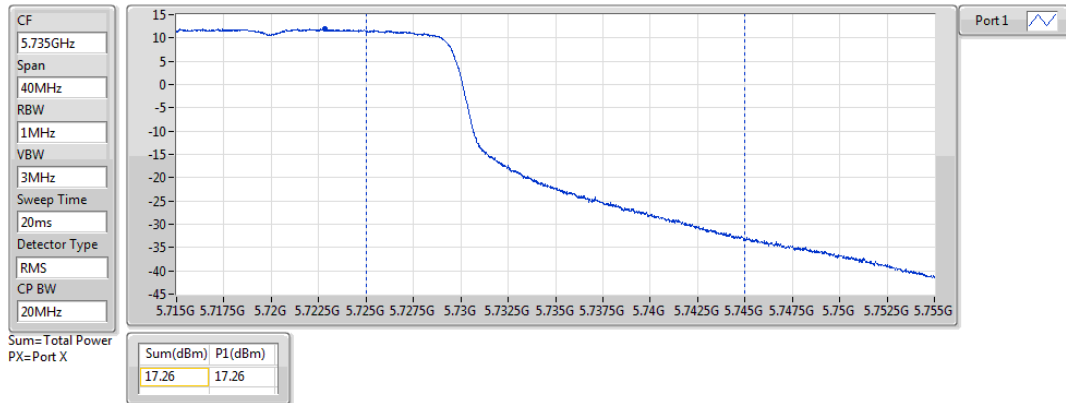
Sum(dBm)	P1(dBm)
22.92	22.92

802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/08/2019

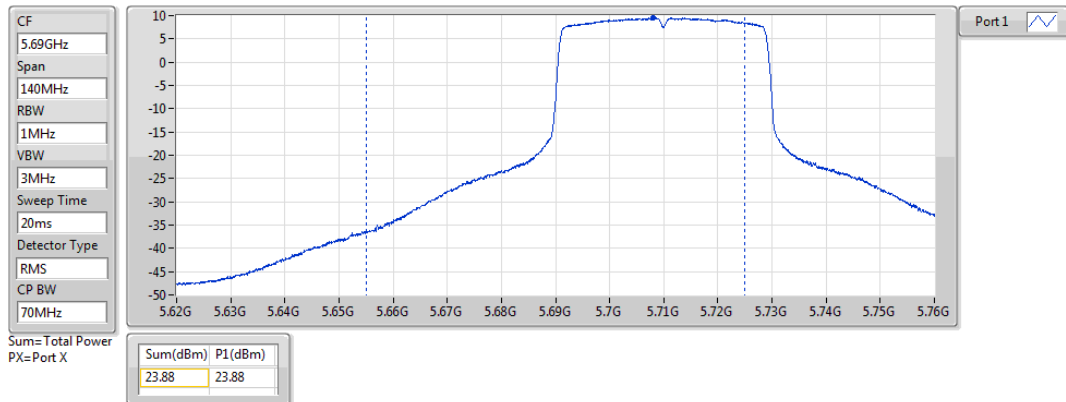


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

02/08/2019

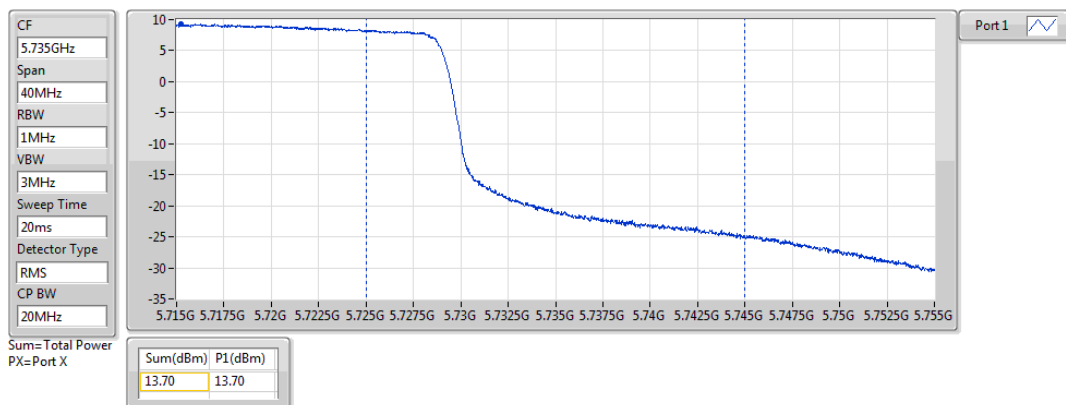


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

02/08/2019

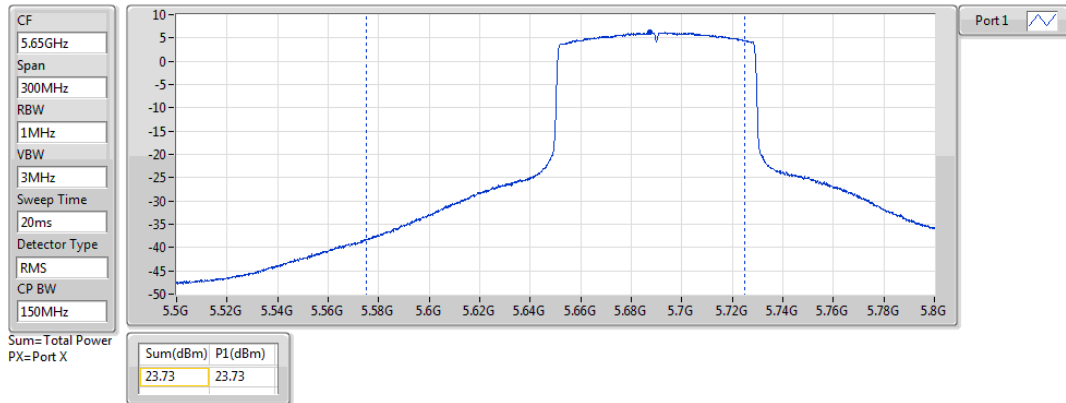


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

02/08/2019

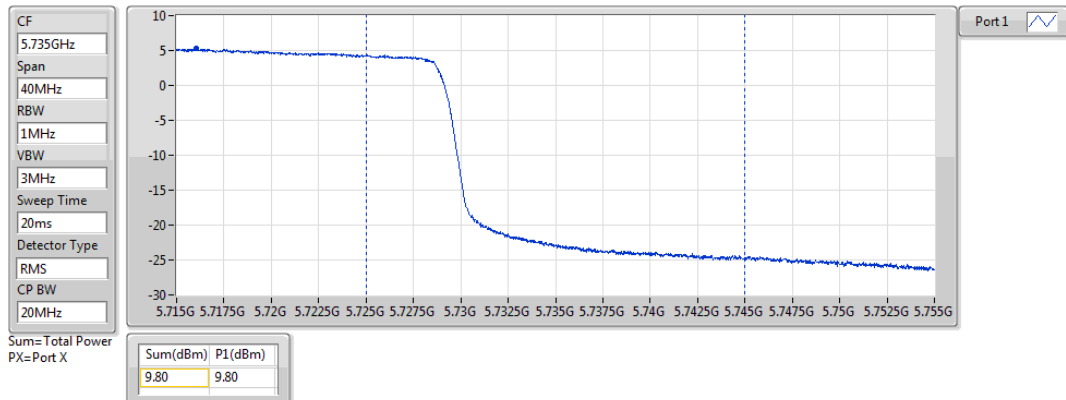


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

02/08/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.73	0.14894
802.11ax HEW20_Nss1,(MCS0)_2TX	21.99	0.15812
802.11ax HEW40_Nss1,(MCS0)_2TX	23.92	0.24660
802.11ax HEW80_Nss1,(MCS0)_2TX	23.63	0.23067
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	21.62	0.14521
802.11ax HEW20_Nss1,(MCS0)_2TX	22.13	0.16331
802.11ax HEW40_Nss1,(MCS0)_2TX	23.94	0.24774
802.11ax HEW80_Nss1,(MCS0)_2TX	23.94	0.24774
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	13.90	0.02455
802.11ax HEW20_Nss1,(MCS0)_2TX	15.25	0.03350
802.11ax HEW40_Nss1,(MCS0)_2TX	13.34	0.02158
802.11ax HEW80_Nss1,(MCS0)_2TX	9.49	0.00889



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.04	18.57	18.65	21.62	23.98
5300MHz	Pass	5.04	18.75	18.58	21.68	23.98
5320MHz	Pass	5.04	18.85	18.58	21.73	23.98
5500MHz	Pass	5.04	18.64	18.57	21.62	23.98
5580MHz	Pass	5.04	18.43	18.26	21.36	23.98
5700MHz	Pass	5.04	18.22	18.46	21.35	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.04	17.75	17.84	20.81	22.83
5720MHz Straddle 5.725-5.85GHz	Pass	5.04	10.74	11.04	13.90	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.04	18.88	18.91	21.91	23.98
5300MHz	Pass	5.04	19.06	18.84	21.96	23.98
5320MHz	Pass	5.04	19.16	18.79	21.99	23.98
5500MHz	Pass	5.04	18.91	18.82	21.88	23.98
5580MHz	Pass	5.04	19.30	18.93	22.13	23.98
5700MHz	Pass	5.04	18.60	18.72	21.67	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.04	17.61	17.98	20.81	23.03
5720MHz Straddle 5.725-5.85GHz	Pass	5.04	12.31	12.16	15.25	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.04	20.82	20.90	23.87	23.98
5310MHz	Pass	5.04	21.07	20.75	23.92	23.98
5510MHz	Pass	5.04	20.84	20.79	23.83	23.98
5550MHz	Pass	5.04	20.96	20.90	23.94	23.98
5670MHz	Pass	5.04	20.54	20.69	23.63	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.04	20.74	21.04	23.90	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.04	10.09	10.55	13.34	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.04	20.70	20.53	23.63	23.98
5530MHz	Pass	5.04	20.79	20.72	23.77	23.98
5610MHz	Pass	5.04	21.03	20.83	23.94	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.04	20.85	20.97	23.92	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.04	6.45	6.50	9.49	30.00

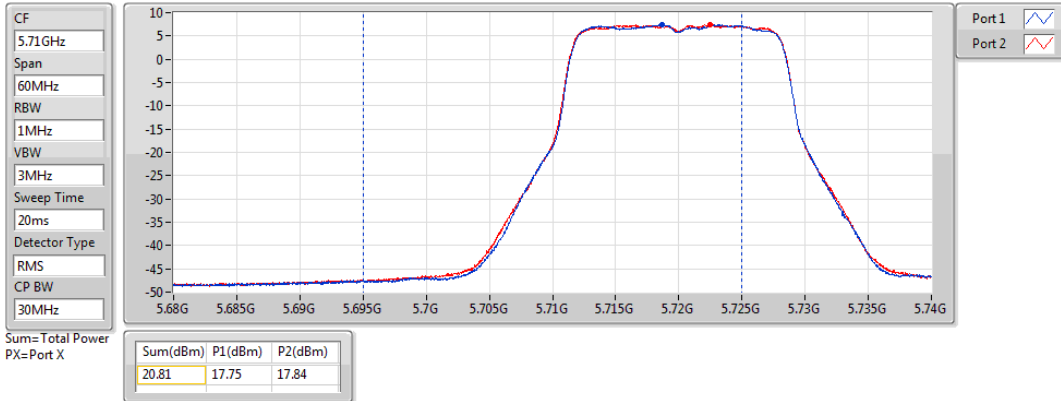
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

01/08/2019

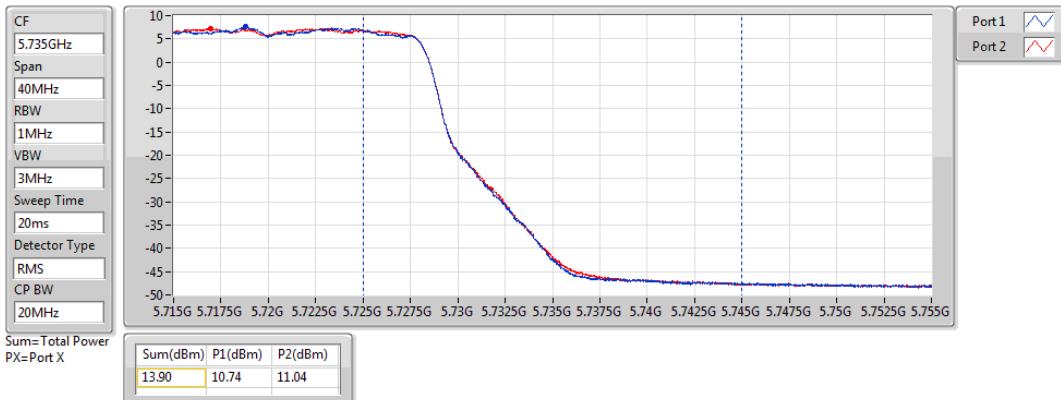


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

01/08/2019

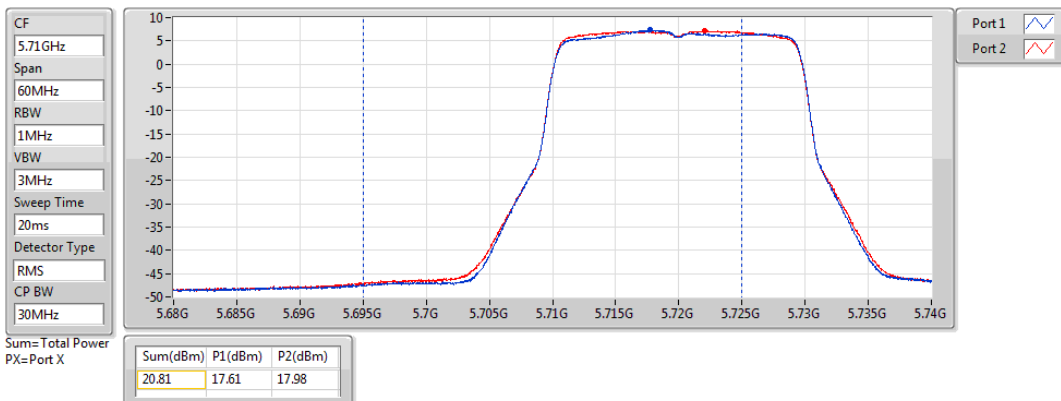


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

01/08/2019

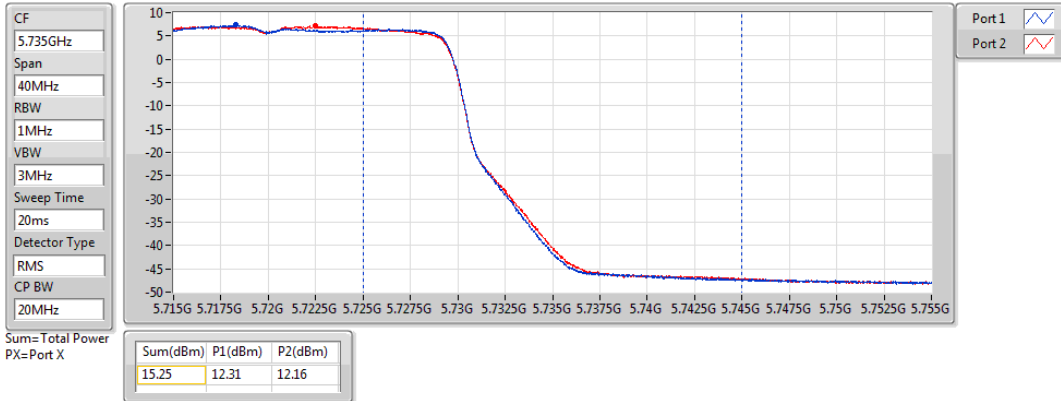


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

01/08/2019

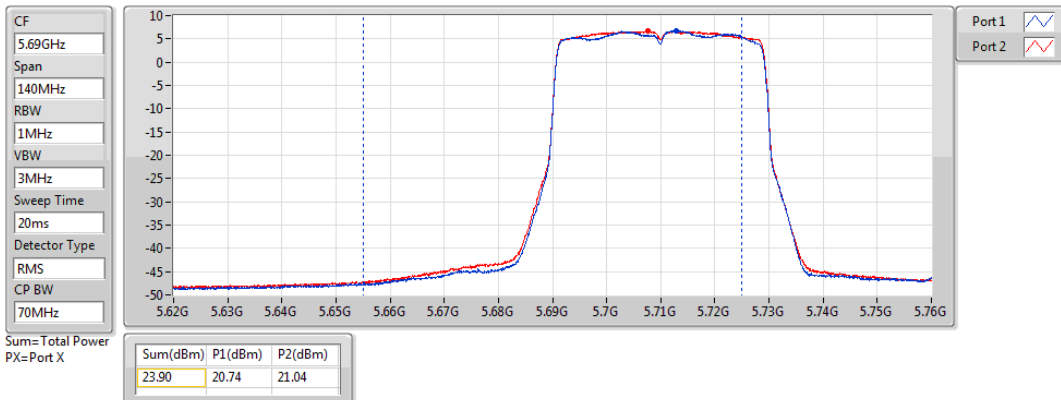


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

01/08/2019

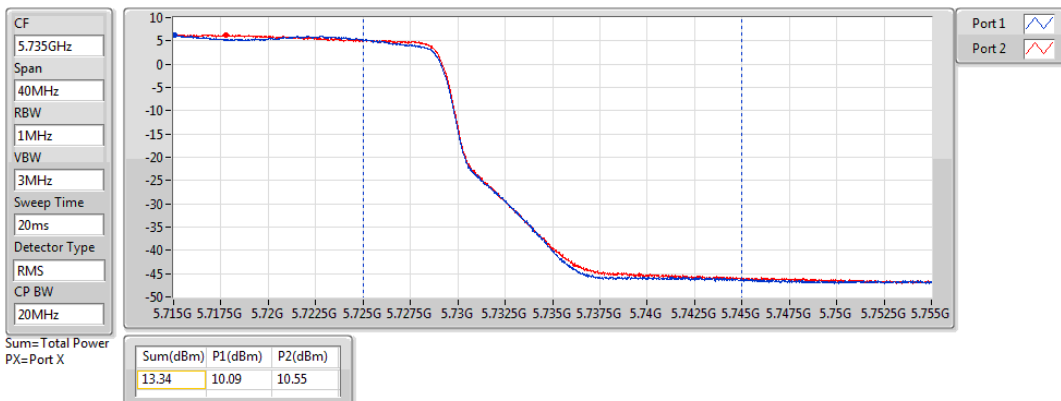


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

01/08/2019

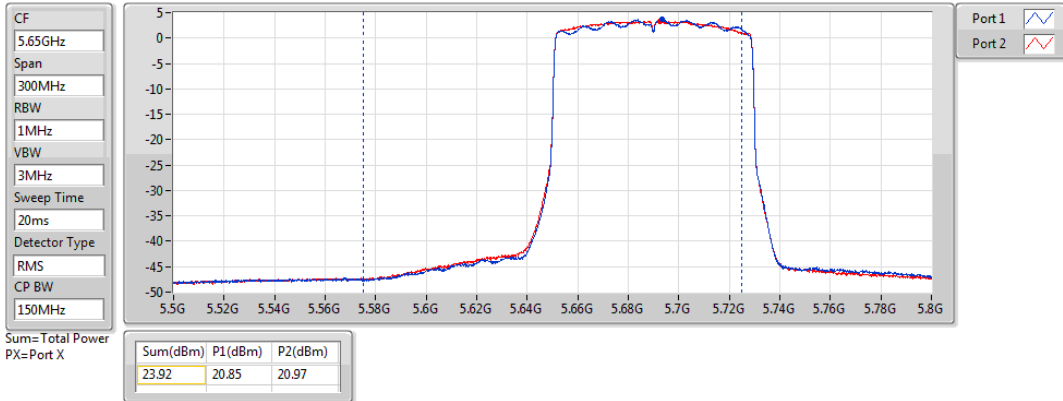


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

01/08/2019

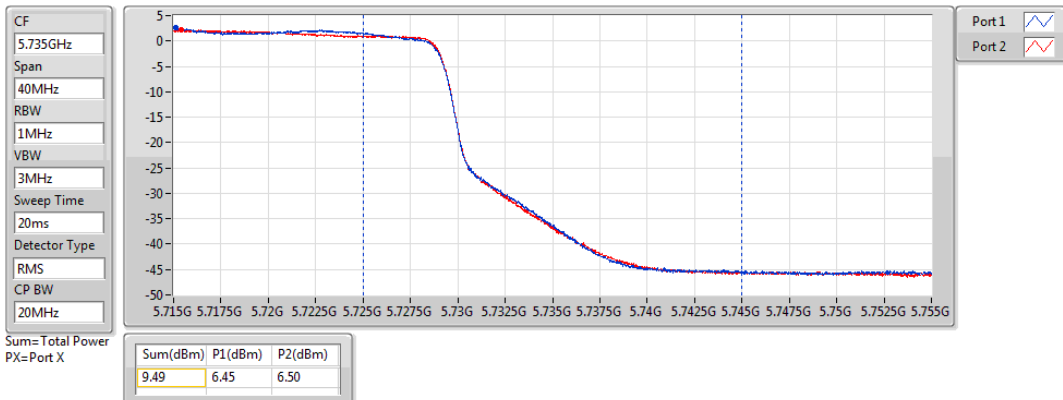


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

01/08/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.91	0.15524
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.91	0.15524
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.81	0.15171
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.91	0.15524
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.92	0.15560
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.49	0.14093
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	14.73	0.02972
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	10.68	0.01169
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	7.10	0.00513

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.05	18.76	19.04	21.91	21.93
5300MHz	Pass	8.05	19.07	18.71	21.90	21.93
5320MHz	Pass	8.05	19.10	18.69	21.91	21.93
5500MHz	Pass	8.05	18.39	18.28	21.35	21.93
5580MHz	Pass	8.05	18.74	18.43	21.60	21.93
5700MHz	Pass	8.05	18.87	18.92	21.91	21.93
5720MHz Straddle 5.47-5.725GHz	Pass	8.05	17.26	17.57	20.43	20.94
5720MHz Straddle 5.725-5.85GHz	Pass	8.05	11.72	11.71	14.73	27.95
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	8.05	18.50	19.26	21.91	21.93
5310MHz	Pass	8.05	19.01	18.77	21.90	21.93
5510MHz	Pass	8.05	18.51	18.33	21.43	21.93
5550MHz	Pass	8.05	18.67	18.31	21.50	21.93
5670MHz	Pass	8.05	18.84	18.97	21.92	21.93
5710MHz Straddle 5.47-5.725GHz	Pass	8.05	18.02	18.17	21.11	21.93
5710MHz Straddle 5.725-5.85GHz	Pass	8.05	7.68	7.65	10.68	27.95
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	8.05	18.78	18.82	21.81	21.93
5530MHz	Pass	8.05	18.43	18.14	21.30	21.93
5610MHz	Pass	8.05	18.71	18.24	21.49	21.93
5690MHz Straddle 5.47-5.725GHz	Pass	8.05	18.55	18.30	21.44	21.93
5690MHz Straddle 5.725-5.85GHz	Pass	8.05	4.49	3.65	7.10	27.95

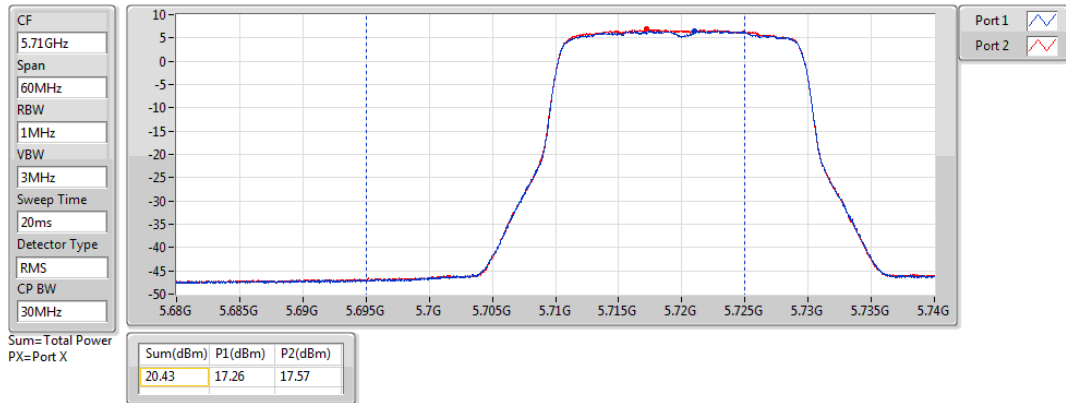
DG = Directional Gain; **Port X** = Port X output power

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/08/2019

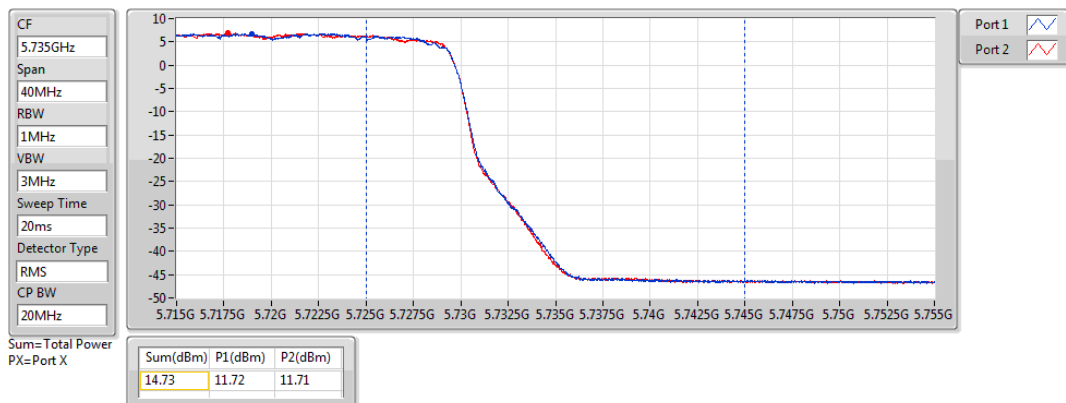


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/08/2019

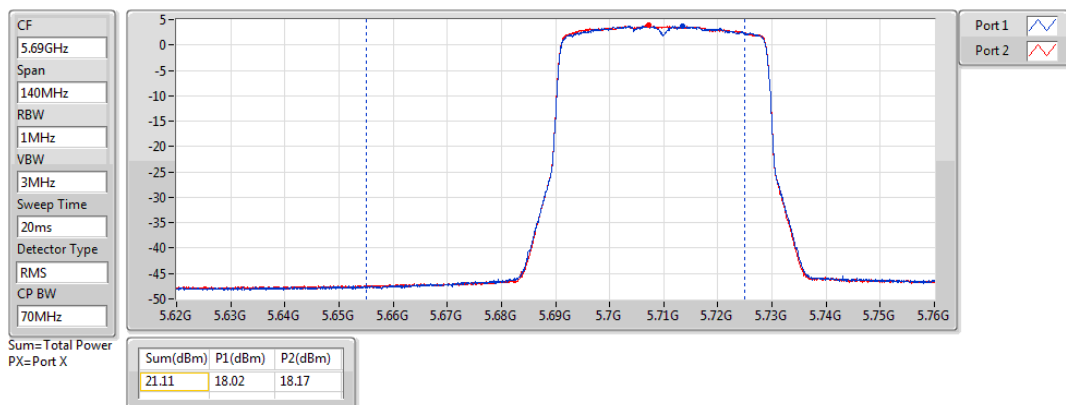


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/08/2019

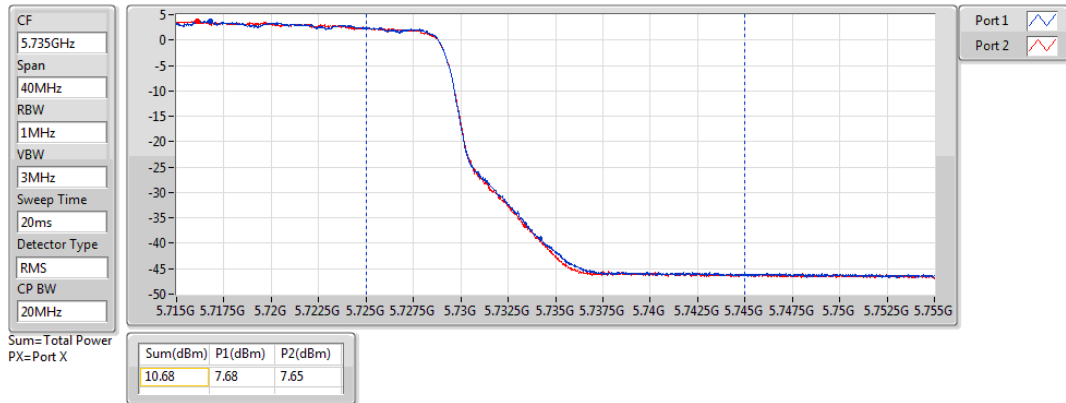


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

06/08/2019

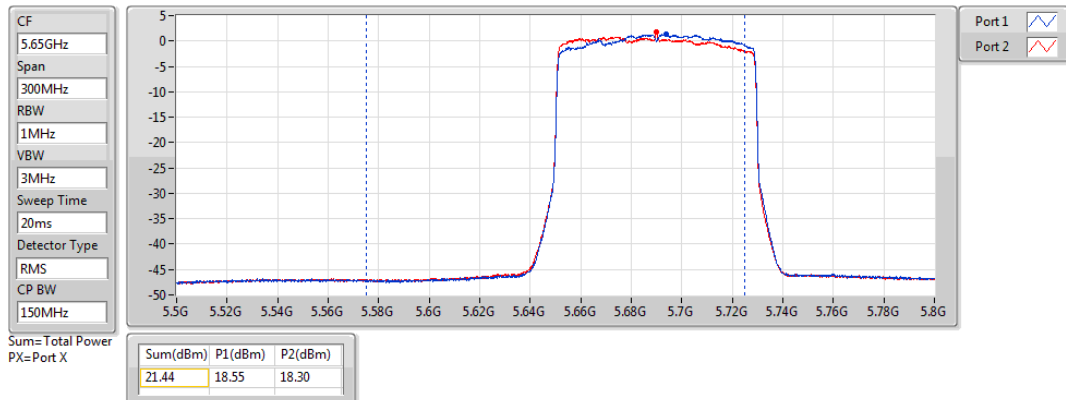


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

06/08/2019

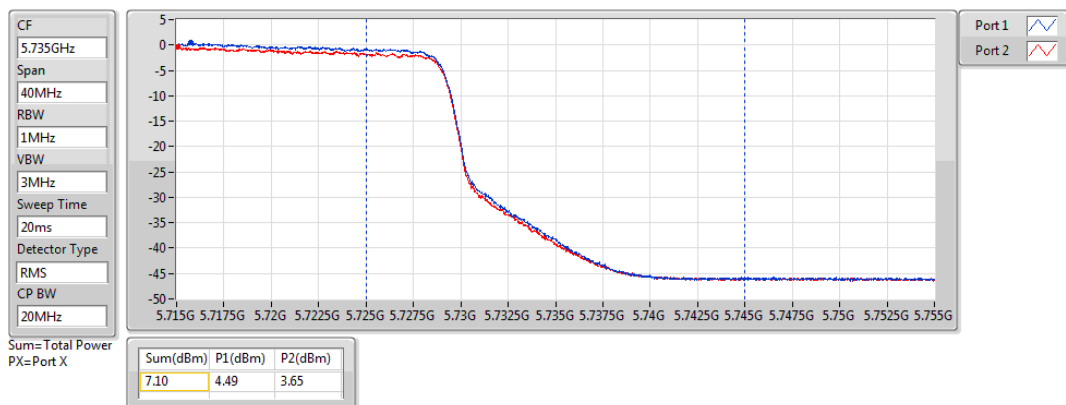


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

06/08/2019



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	18.54	0.07145
802.11ax HEW20_Nss1,(MCS0)_4TX	19.30	0.08511
802.11ax HEW40_Nss1,(MCS0)_4TX	22.05	0.16032
802.11ax HEW80_Nss1,(MCS0)_4TX	23.91	0.24604
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	18.61	0.07261
802.11ax HEW20_Nss1,(MCS0)_4TX	19.23	0.08375
802.11ax HEW40_Nss1,(MCS0)_4TX	21.78	0.15066
802.11ax HEW80_Nss1,(MCS0)_4TX	23.97	0.24946
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.92	0.01236
802.11ax HEW20_Nss1,(MCS0)_4TX	12.28	0.01690
802.11ax HEW40_Nss1,(MCS0)_4TX	10.77	0.01194
802.11ax HEW80_Nss1,(MCS0)_4TX	9.06	0.00805

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.09	11.70	12.00	12.57	13.36	18.48	23.98
5300MHz	Pass	5.09	11.86	11.66	12.36	13.24	18.34	23.98
5320MHz	Pass	5.09	12.16	12.05	12.45	13.30	18.54	23.98
5500MHz	Pass	5.09	11.89	11.95	12.53	13.28	18.47	23.98
5580MHz	Pass	5.09	12.18	12.15	12.73	13.20	18.61	23.98
5700MHz	Pass	5.09	12.01	12.22	12.45	12.73	18.38	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.09	11.45	11.40	11.41	12.35	17.69	22.81
5720MHz Straddle 5.725-5.85GHz	Pass	5.09	3.90	4.72	5.53	5.27	10.92	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.09	12.64	12.84	13.41	14.08	19.30	23.98
5300MHz	Pass	5.09	12.58	12.62	13.09	13.93	19.11	23.98
5320MHz	Pass	5.09	12.67	12.57	13.19	13.80	19.11	23.98
5500MHz	Pass	5.09	12.76	12.46	13.34	13.66	19.10	23.98
5580MHz	Pass	5.09	12.66	12.71	13.30	14.01	19.23	23.98
5700MHz	Pass	5.09	12.71	12.86	13.16	13.65	19.13	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.09	11.83	11.94	12.13	12.66	18.17	23.02
5720MHz Straddle 5.725-5.85GHz	Pass	5.09	5.75	5.85	6.69	6.66	12.28	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.09	14.77	15.15	15.57	16.51	21.57	23.98
5310MHz	Pass	5.09	15.50	15.47	16.03	16.96	22.05	23.98
5510MHz	Pass	5.09	15.17	15.30	16.02	16.43	21.78	23.98
5550MHz	Pass	5.09	15.10	15.37	15.83	16.57	21.77	23.98
5670MHz	Pass	5.09	15.20	15.40	15.86	16.38	21.75	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.09	14.79	15.25	15.39	15.99	21.40	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.09	4.30	4.30	4.30	5.88	10.77	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.09	17.40	17.41	17.73	18.86	23.91	23.98
5530MHz	Pass	5.09	17.31	17.48	18.12	18.67	23.95	23.98
5610MHz	Pass	5.09	17.44	17.58	18.12	18.57	23.97	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.09	17.19	17.42	17.66	18.27	23.67	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.09	2.88	2.48	2.53	4.08	9.06	30.00

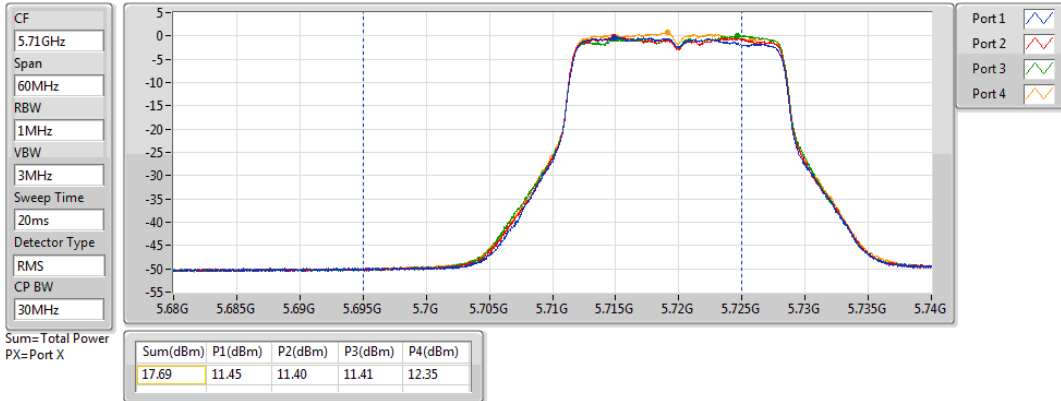
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

31/07/2019

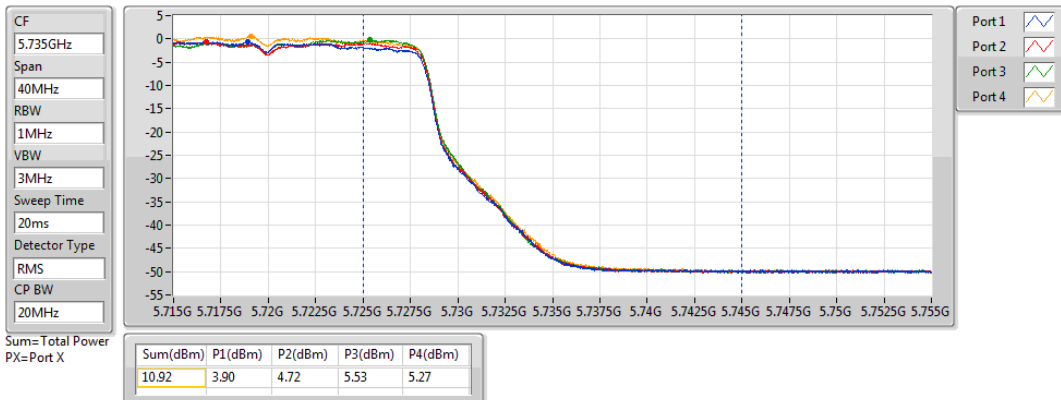


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

31/07/2019

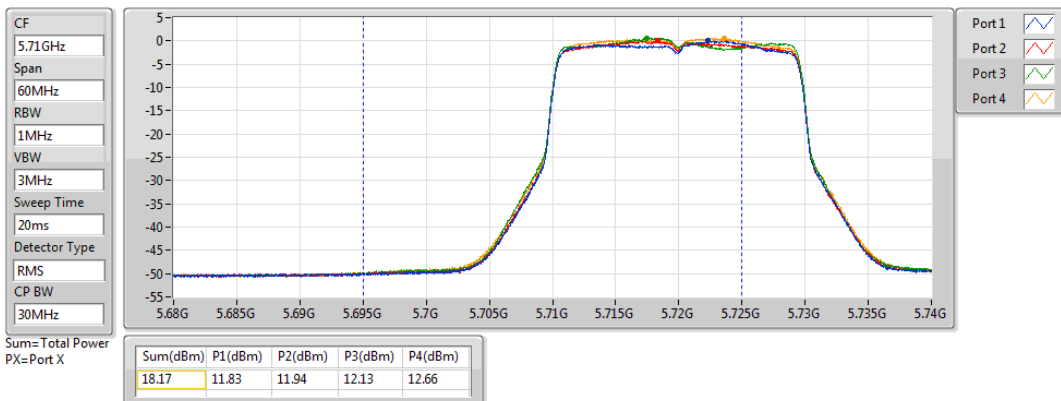


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

01/08/2019

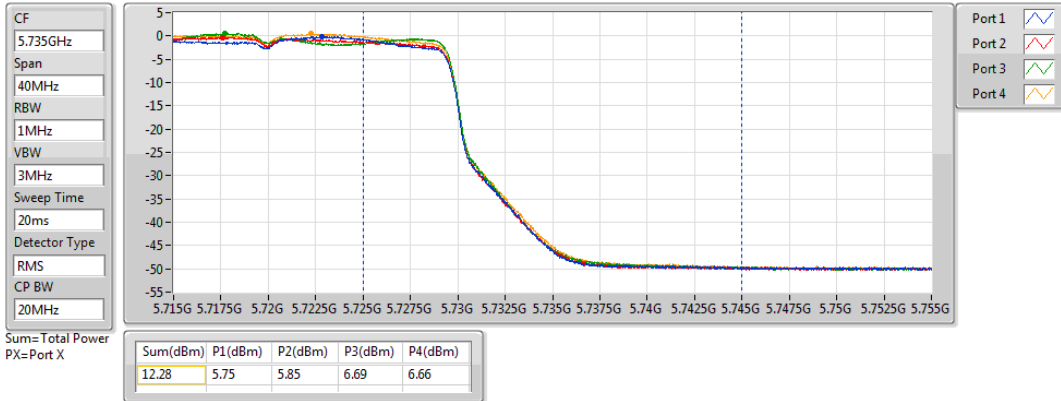


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

01/08/2019

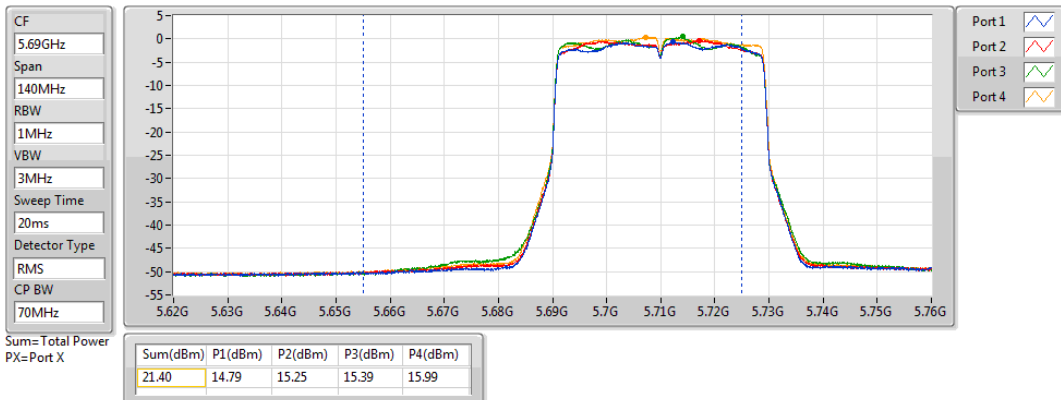


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

01/08/2019

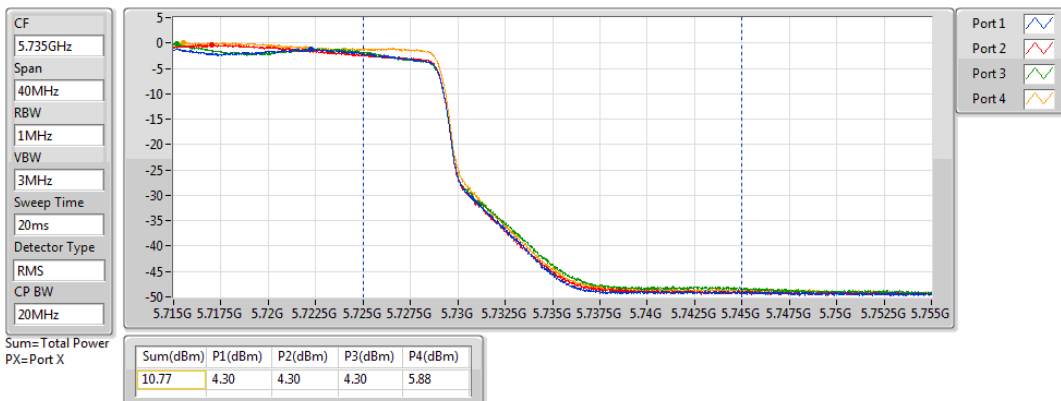


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

01/08/2019

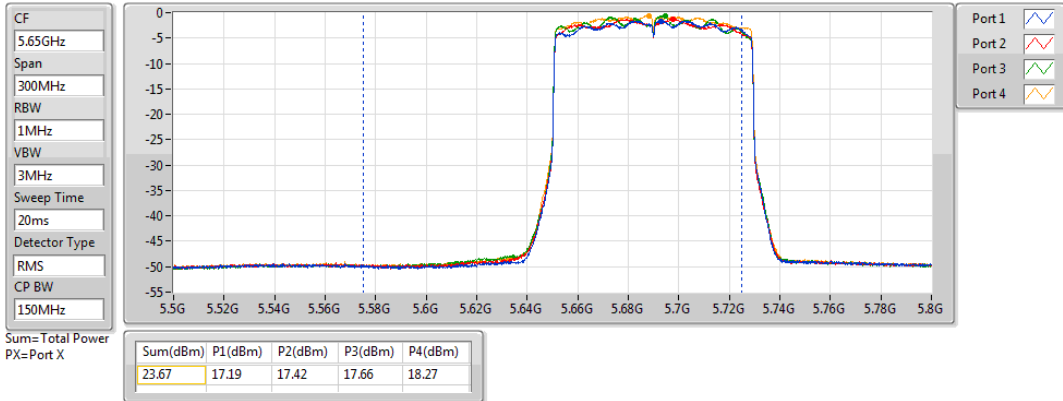


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

01/08/2019

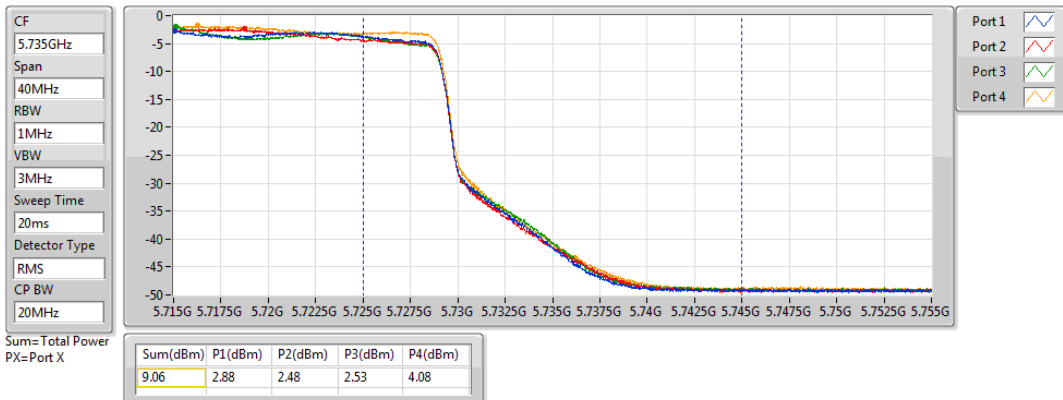


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

01/08/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.63	0.07295
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	18.83	0.07638
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.63	0.07295
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	18.64	0.07311
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	18.85	0.07674
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.59	0.07228
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	11.92	0.01556
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.83	0.00764
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.76	0.00238



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.11	12.15	12.18	12.70	12.97	18.53	18.87
5300MHz	Pass	11.11	12.48	12.13	12.23	12.82	18.44	18.87
5320MHz	Pass	11.11	12.80	12.23	12.35	13.01	18.63	18.87
5500MHz	Pass	11.11	12.35	12.28	12.45	12.94	18.53	18.87
5580MHz	Pass	11.11	12.19	12.40	12.38	13.15	18.57	18.87
5700MHz	Pass	11.11	12.51	12.64	12.07	13.18	18.64	18.87
5720MHz Straddle 5.47-5.725GHz	Pass	11.11	11.54	11.38	11.12	12.16	17.59	17.83
5720MHz Straddle 5.725-5.85GHz	Pass	11.11	5.89	5.57	5.23	6.74	11.92	24.89
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.11	12.33	12.42	13.06	13.34	18.83	18.87
5310MHz	Pass	11.11	12.69	12.14	12.82	13.19	18.75	18.87
5510MHz	Pass	11.11	12.25	12.72	12.79	12.96	18.71	18.87
5550MHz	Pass	11.11	12.02	12.53	12.27	12.90	18.46	18.87
5670MHz	Pass	11.11	12.75	12.62	12.14	13.67	18.85	18.87
5710MHz Straddle 5.47-5.725GHz	Pass	11.11	12.72	12.44	12.17	13.79	18.85	18.87
5710MHz Straddle 5.725-5.85GHz	Pass	11.11	2.77	2.30	2.02	3.90	8.83	24.89
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.11	12.58	12.14	12.62	13.06	18.63	18.87
5530MHz	Pass	11.11	12.29	12.55	12.24	13.14	18.59	18.87
5610MHz	Pass	11.11	12.45	12.27	12.02	13.09	18.50	18.87
5690MHz Straddle 5.47-5.725GHz	Pass	11.11	12.27	12.06	11.78	13.18	18.38	18.87
5690MHz Straddle 5.725-5.85GHz	Pass	11.11	-1.98	-2.85	-3.00	-1.41	3.76	24.89

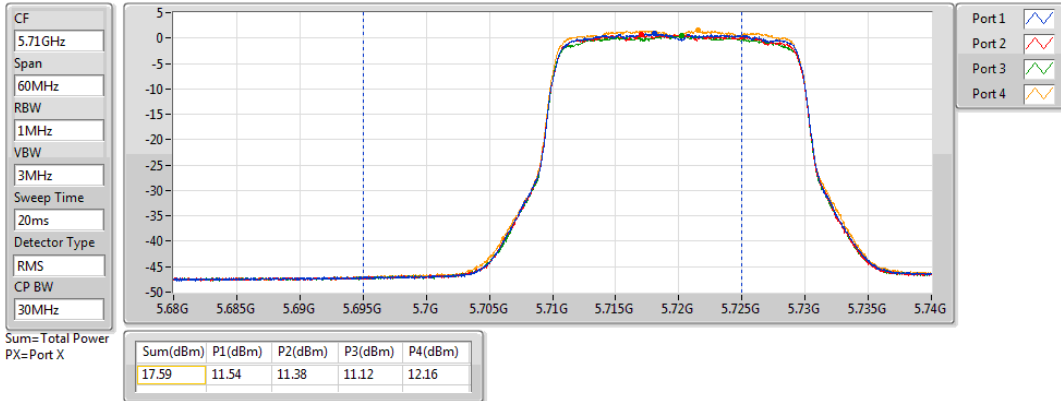
DG = Directional Gain; **Port X** = Port X output power

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

05/08/2019

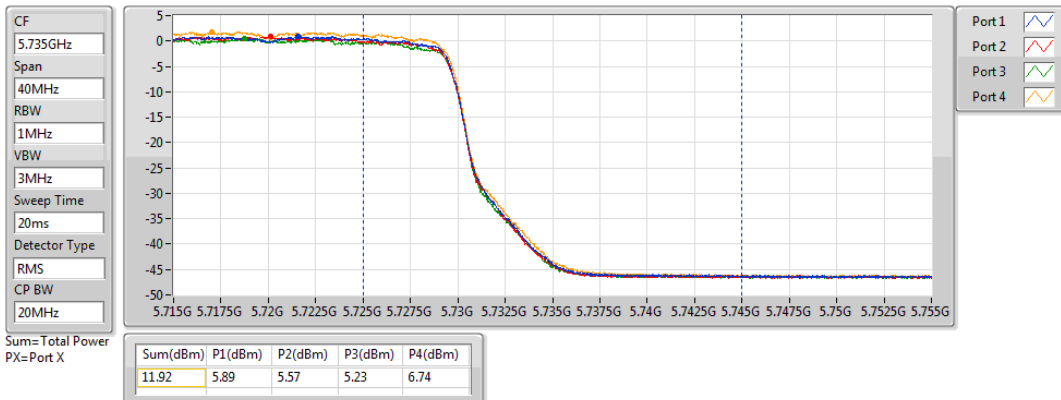


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

05/08/2019

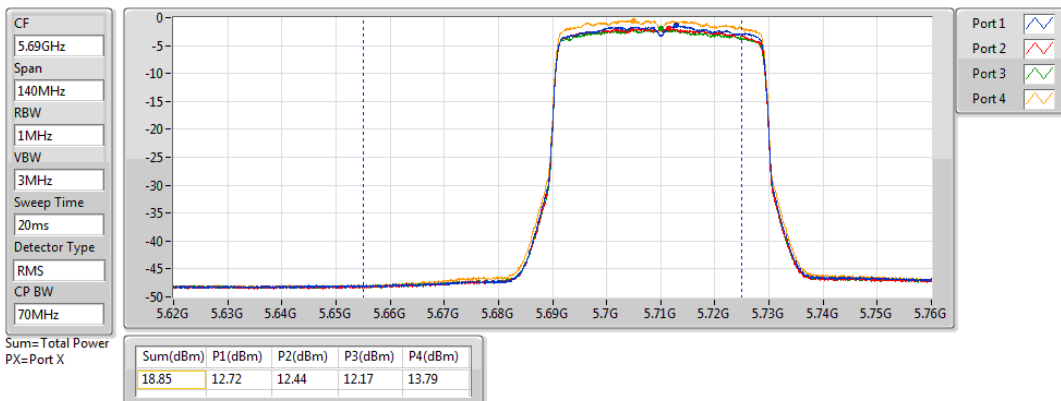


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

05/08/2019

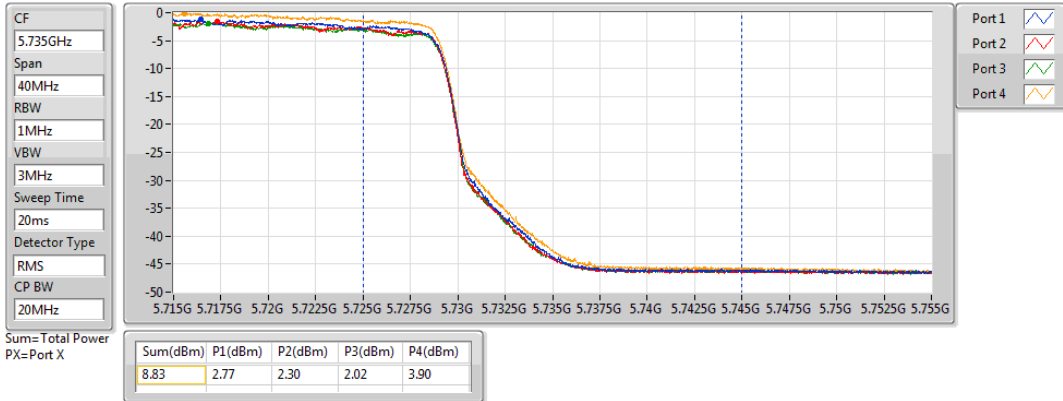


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

05/08/2019

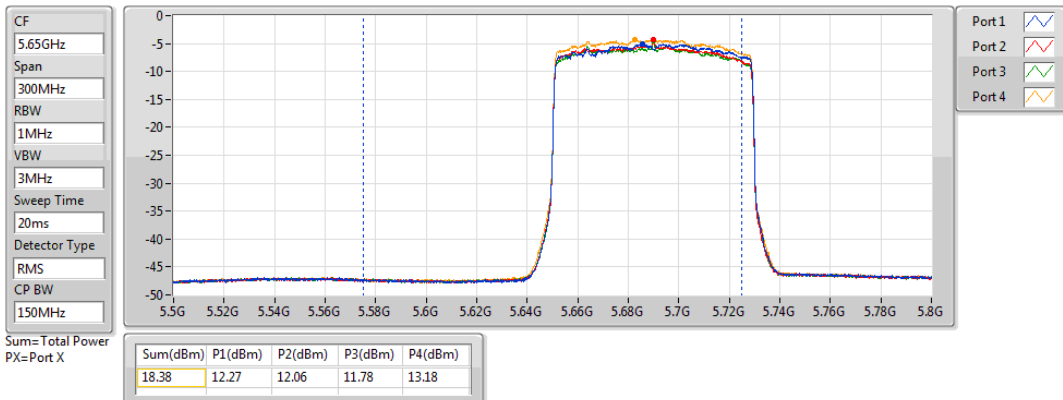


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

05/08/2019

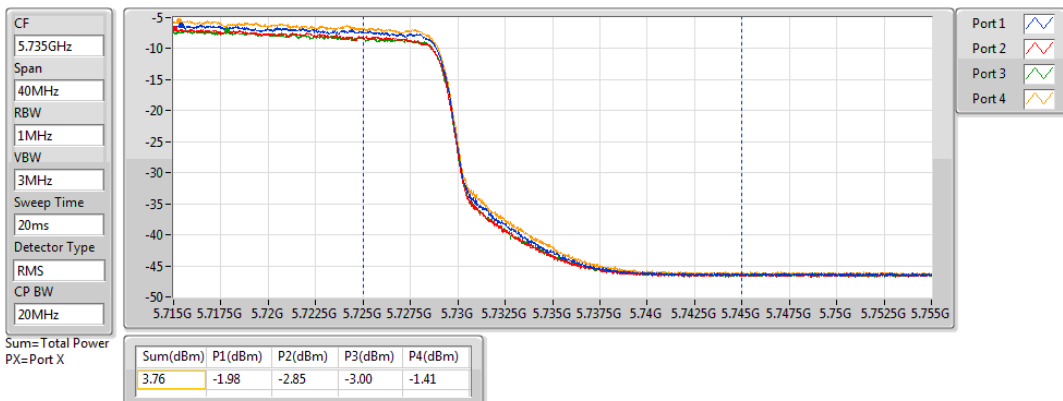


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

05/08/2019



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.70	0.23442
802.11ax HEW20_Nss1,(MCS0)_1TX	23.95	0.24831
802.11ax HEW40_Nss1,(MCS0)_1TX	23.96	0.24889
802.11ax HEW80_Nss1,(MCS0)_1TX	23.73	0.23605
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.62	0.23014
802.11ax HEW20_Nss1,(MCS0)_1TX	23.91	0.24604
802.11ax HEW40_Nss1,(MCS0)_1TX	23.96	0.24889
802.11ax HEW80_Nss1,(MCS0)_1TX	23.86	0.24322
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	16.01	0.03990
802.11ax HEW20_Nss1,(MCS0)_1TX	17.09	0.05117
802.11ax HEW40_Nss1,(MCS0)_1TX	13.78	0.02388
802.11ax HEW80_Nss1,(MCS0)_1TX	10.02	0.01005

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	3.37	23.62	23.62	23.98
5300MHz	Pass	3.37	23.70	23.70	23.98
5320MHz	Pass	3.37	23.42	23.42	23.98
5500MHz	Pass	3.37	23.62	23.62	23.98
5580MHz	Pass	3.37	23.54	23.54	23.98
5700MHz	Pass	3.37	23.39	23.39	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.37	22.78	22.78	22.86
5720MHz Straddle 5.725-5.85GHz	Pass	3.37	16.01	16.01	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	3.37	23.93	23.93	23.98
5300MHz	Pass	3.37	23.95	23.95	23.98
5320MHz	Pass	3.37	23.65	23.65	23.98
5500MHz	Pass	3.37	23.91	23.91	23.98
5580MHz	Pass	3.37	23.79	23.79	23.98
5700MHz	Pass	3.37	23.72	23.72	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.37	22.70	22.70	23.07
5720MHz Straddle 5.725-5.85GHz	Pass	3.37	17.09	17.09	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	3.37	23.81	23.81	23.98
5310MHz	Pass	3.37	23.96	23.96	23.98
5510MHz	Pass	3.37	23.01	23.01	23.98
5550MHz	Pass	3.37	23.96	23.96	23.98
5670MHz	Pass	3.37	23.42	23.42	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.37	23.94	23.94	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.37	13.78	13.78	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	3.37	23.73	23.73	23.98
5530MHz	Pass	3.37	22.40	22.40	23.98
5610MHz	Pass	3.37	23.65	23.65	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.37	23.86	23.86	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.37	10.02	10.02	30.00

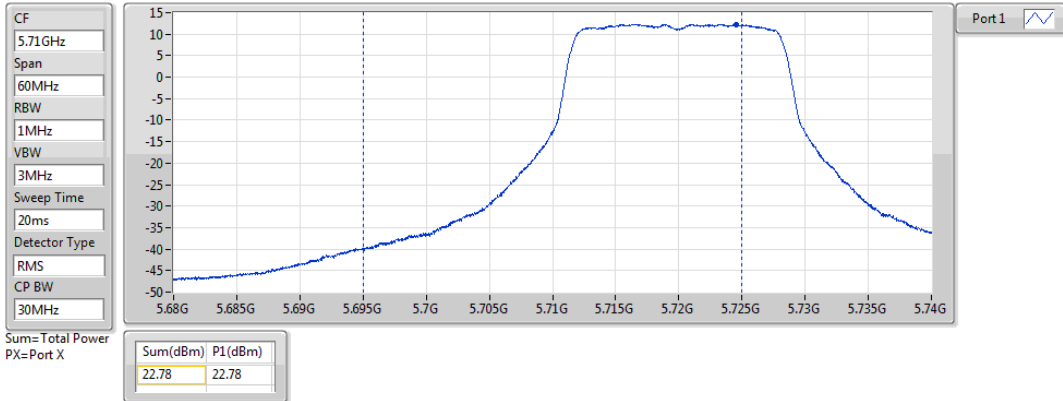
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

03/08/2019

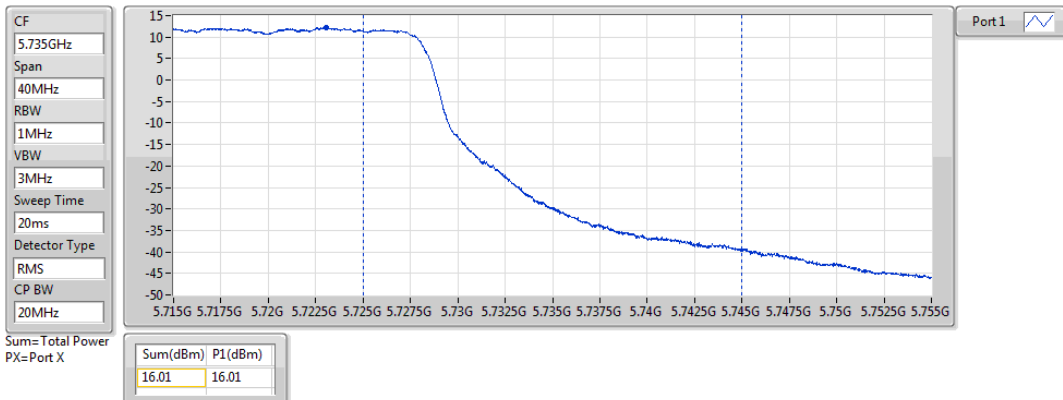


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

03/08/2019

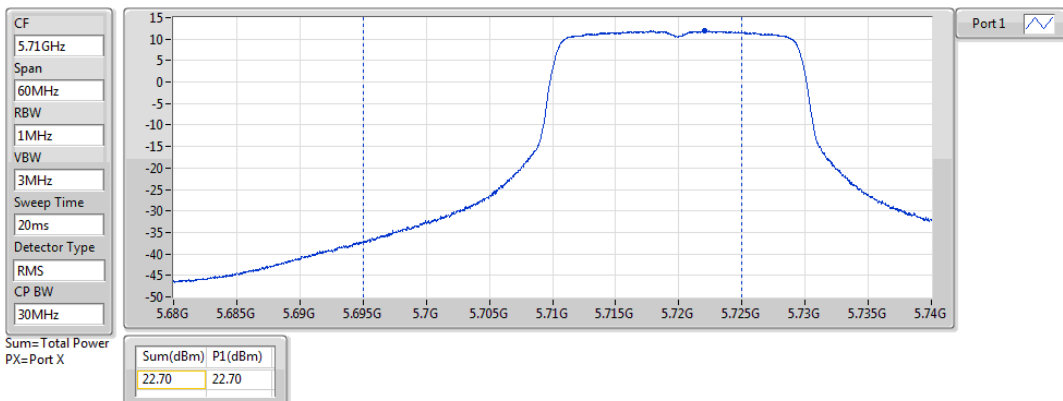


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

03/08/2019

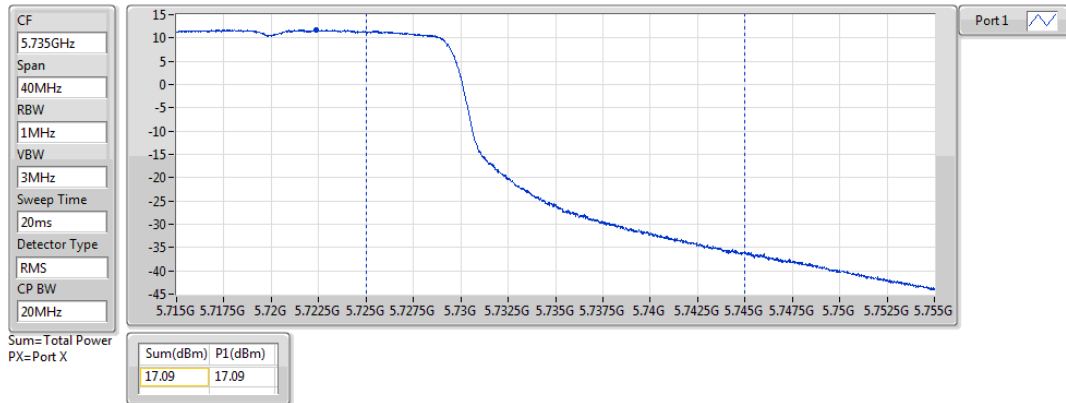


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

03/08/2019

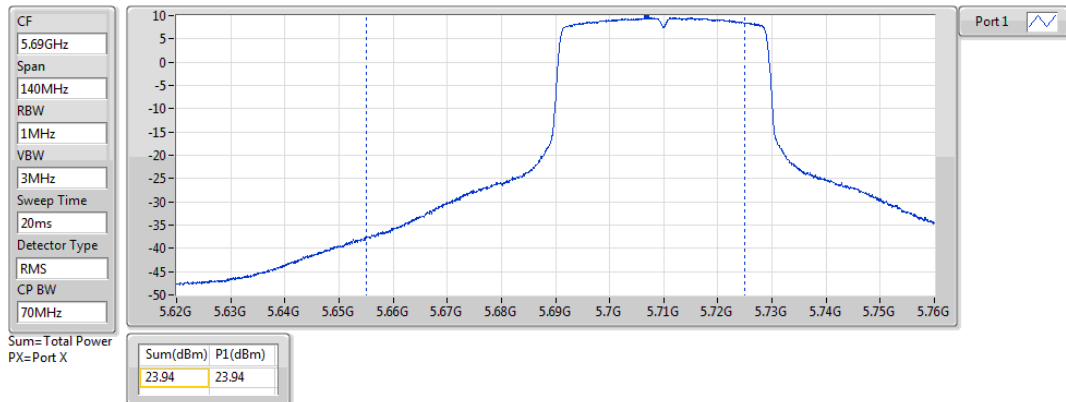


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

03/08/2019

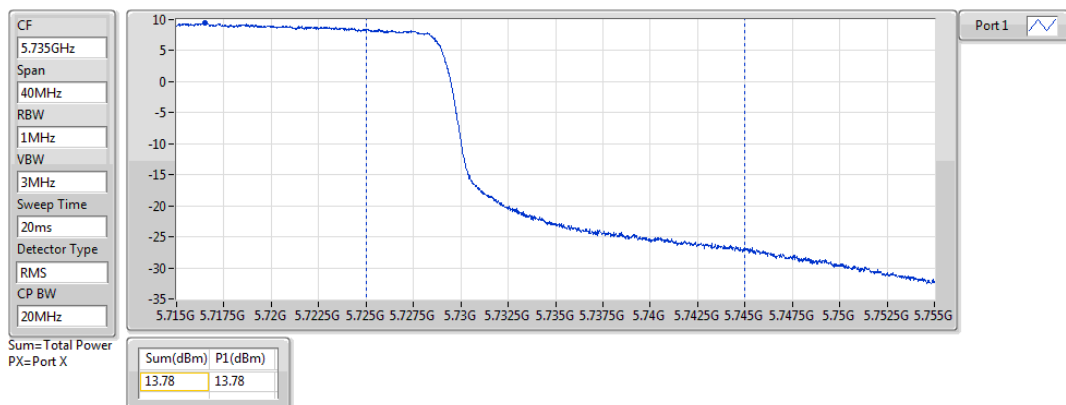


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

03/08/2019

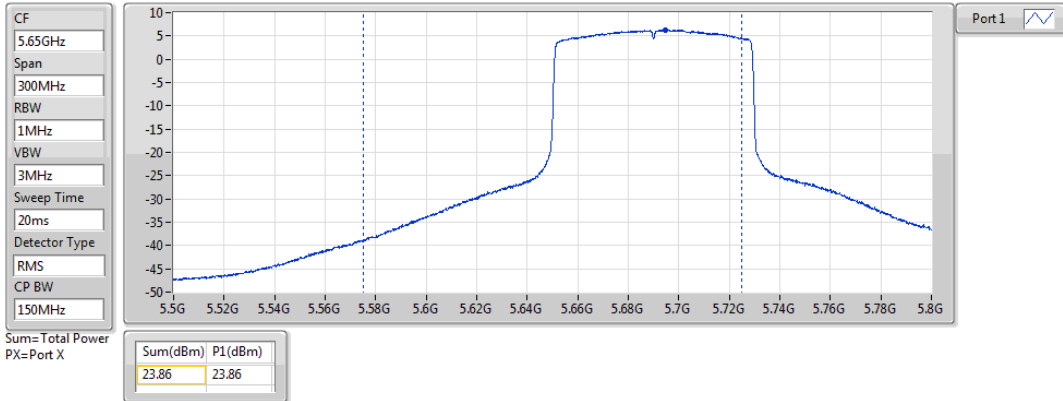


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

03/08/2019

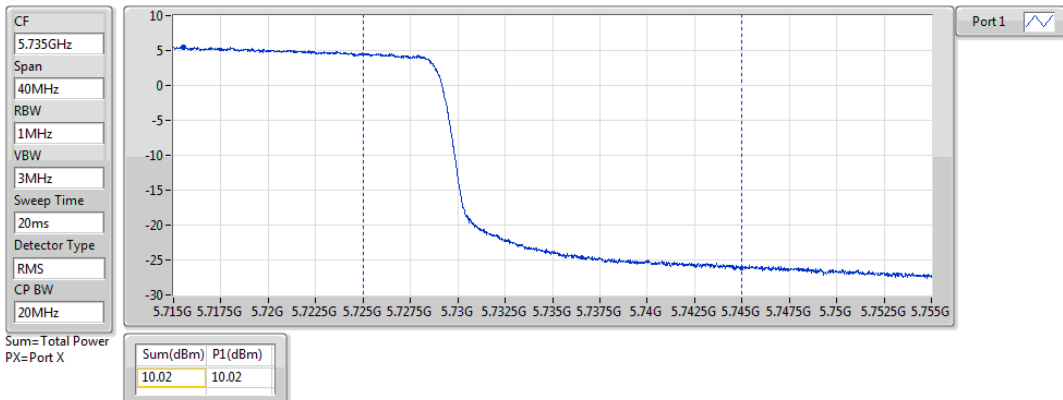


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

03/08/2019



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.63	0.23067
802.11ax HEW20_Nss1,(MCS0)_2TX	23.92	0.24660
802.11ax HEW40_Nss1,(MCS0)_2TX	23.93	0.24717
802.11ax HEW80_Nss1,(MCS0)_2TX	23.72	0.23550
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.60	0.22909
802.11ax HEW20_Nss1,(MCS0)_2TX	23.91	0.24604
802.11ax HEW40_Nss1,(MCS0)_2TX	23.96	0.24889
802.11ax HEW80_Nss1,(MCS0)_2TX	23.94	0.24774
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	15.82	0.03819
802.11ax HEW20_Nss1,(MCS0)_2TX	16.92	0.04920
802.11ax HEW40_Nss1,(MCS0)_2TX	13.36	0.02168
802.11ax HEW80_Nss1,(MCS0)_2TX	9.58	0.00908



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.24	20.64	20.35	23.51	23.98
5300MHz	Pass	4.24	20.71	20.24	23.49	23.98
5320MHz	Pass	4.24	20.88	20.35	23.63	23.98
5500MHz	Pass	4.24	20.61	20.57	23.60	23.98
5580MHz	Pass	4.24	20.50	20.34	23.43	23.98
5700MHz	Pass	4.24	20.47	20.26	23.38	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.24	19.80	19.56	22.69	22.80
5720MHz Straddle 5.725-5.85GHz	Pass	4.24	12.84	12.77	15.82	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.24	20.96	20.63	23.81	23.98
5300MHz	Pass	4.24	21.18	20.54	23.88	23.98
5320MHz	Pass	4.24	21.12	20.69	23.92	23.98
5500MHz	Pass	4.24	21.06	20.73	23.91	23.98
5580MHz	Pass	4.24	20.84	20.66	23.76	23.98
5700MHz	Pass	4.24	20.87	20.60	23.75	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.24	19.98	19.62	22.81	22.92
5720MHz Straddle 5.725-5.85GHz	Pass	4.24	13.96	13.85	16.92	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.24	20.96	20.78	23.88	23.98
5310MHz	Pass	4.24	21.18	20.65	23.93	23.98
5510MHz	Pass	4.24	21.04	20.83	23.95	23.98
5550MHz	Pass	4.24	21.09	20.80	23.96	23.98
5670MHz	Pass	4.24	20.90	20.81	23.87	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.24	20.93	20.78	23.87	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.24	10.35	10.35	13.36	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.24	20.96	20.44	23.72	23.98
5530MHz	Pass	4.24	20.93	20.78	23.87	23.98
5610MHz	Pass	4.24	20.77	20.59	23.69	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.24	21.01	20.85	23.94	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.24	6.75	6.39	9.58	30.00

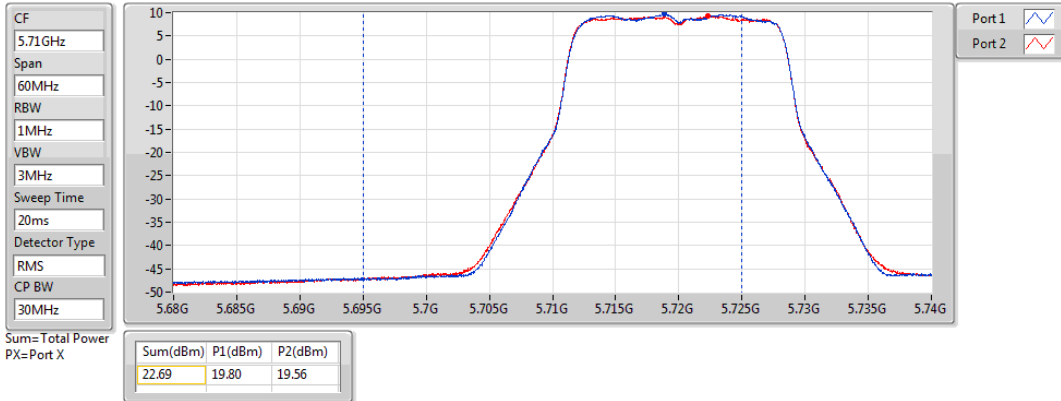
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

03/08/2019

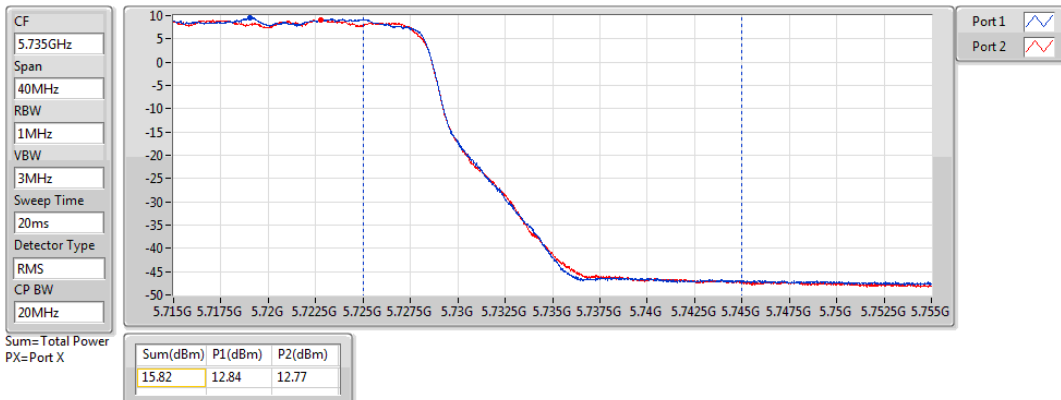


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

03/08/2019

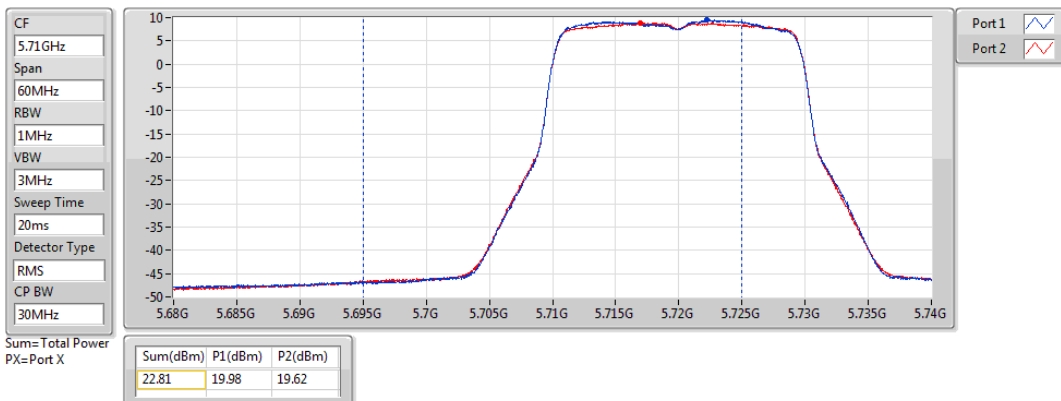


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

03/08/2019

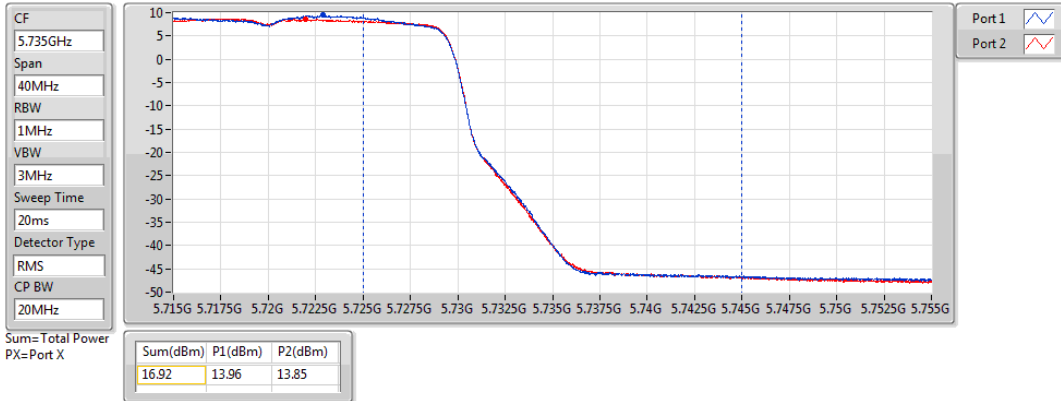


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

03/08/2019

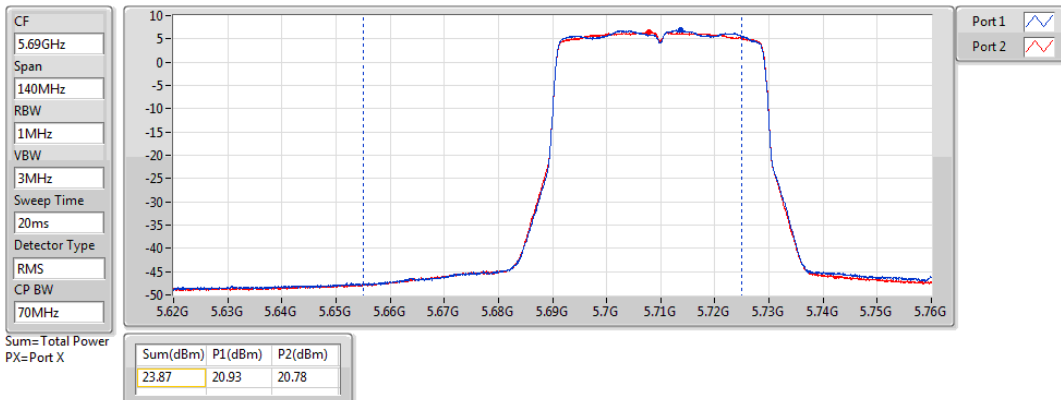


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

03/08/2019

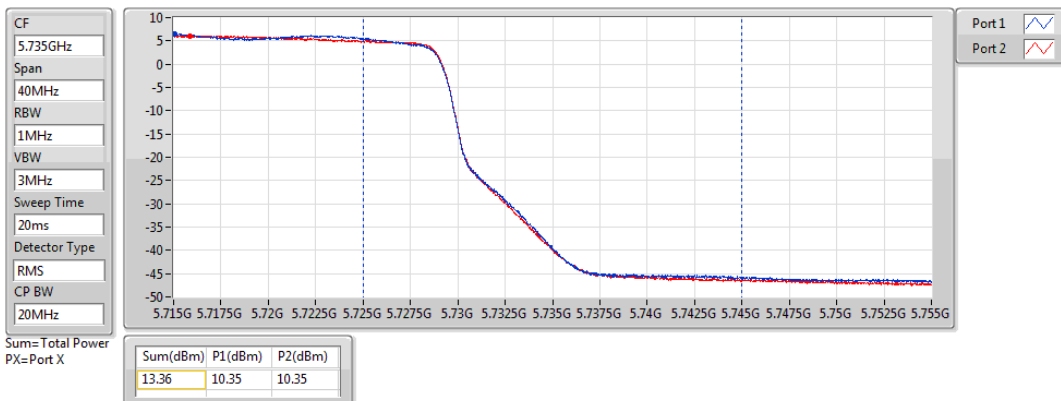


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

03/08/2019

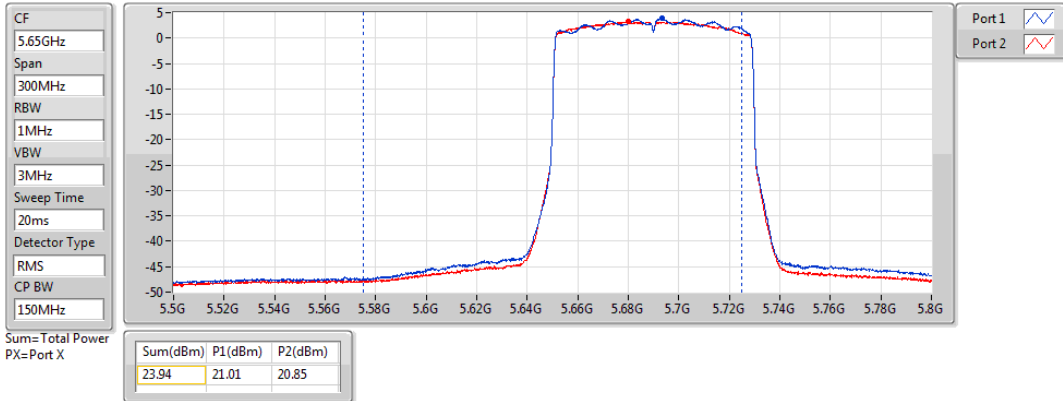


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

03/08/2019

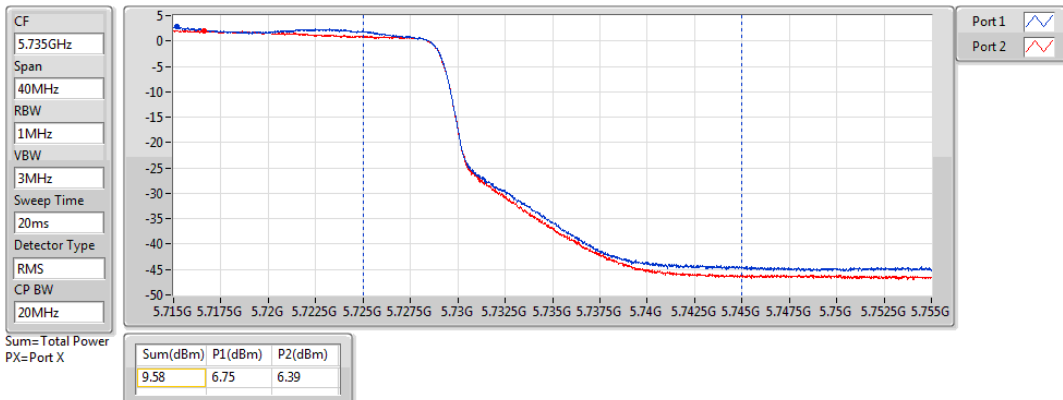


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

03/08/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.84	0.24210
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.76	0.23768
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.52	0.22491
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.78	0.23878
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.96	0.24889
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.41	0.21928
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	16.54	0.04508
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	13.62	0.02301
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	9.07	0.00807



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	3.77	20.87	20.72	23.81	23.98
5300MHz	Pass	3.77	20.93	20.31	23.64	23.98
5320MHz	Pass	3.77	21.09	20.56	23.84	23.98
5500MHz	Pass	3.77	20.69	20.02	23.38	23.98
5580MHz	Pass	3.77	20.63	20.15	23.41	23.98
5700MHz	Pass	3.77	20.93	20.61	23.78	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.77	19.16	19.08	22.13	22.97
5720MHz Straddle 5.725-5.85GHz	Pass	3.77	13.77	13.27	16.54	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	3.77	20.82	20.67	23.76	23.98
5310MHz	Pass	3.77	20.79	20.51	23.66	23.98
5510MHz	Pass	3.77	20.34	20.09	23.23	23.98
5550MHz	Pass	3.77	20.59	20.02	23.32	23.98
5670MHz	Pass	3.77	20.97	20.92	23.96	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.77	20.95	20.88	23.93	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.77	11.14	10.00	13.62	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	3.77	20.74	20.26	23.52	23.98
5530MHz	Pass	3.77	20.63	20.12	23.39	23.98
5610MHz	Pass	3.77	20.71	20.07	23.41	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.77	20.28	20.31	23.31	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.77	6.94	4.96	9.07	30.00

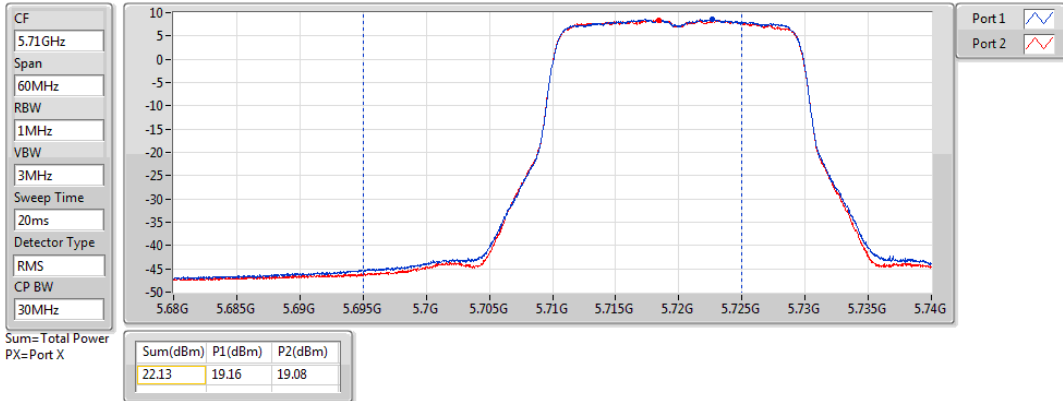
DG = Directional Gain; **Port X** = Port X output power

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

08/08/2019

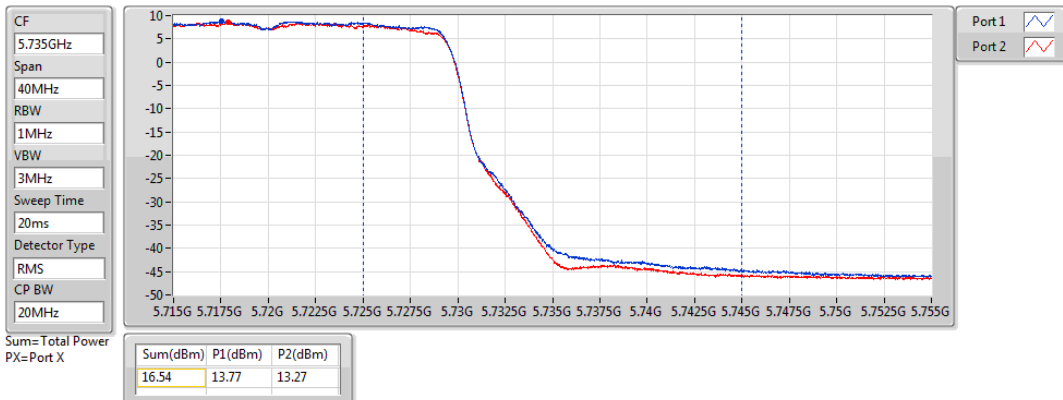


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

08/08/2019

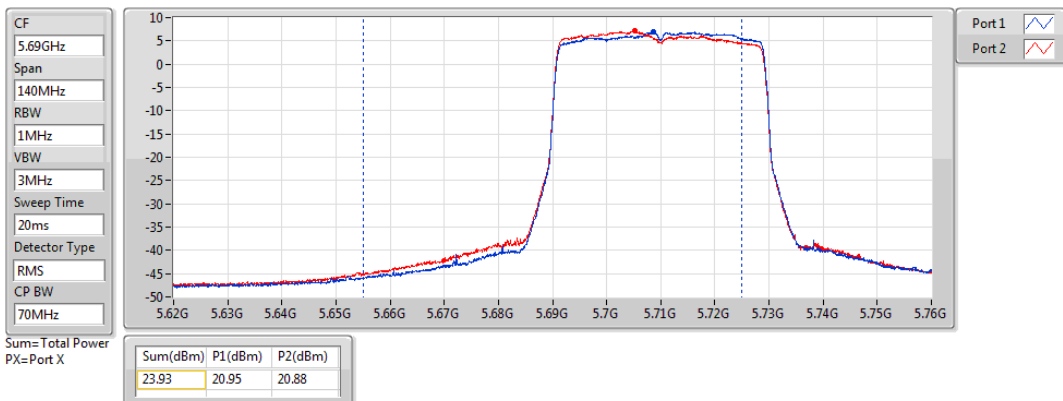


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

08/08/2019

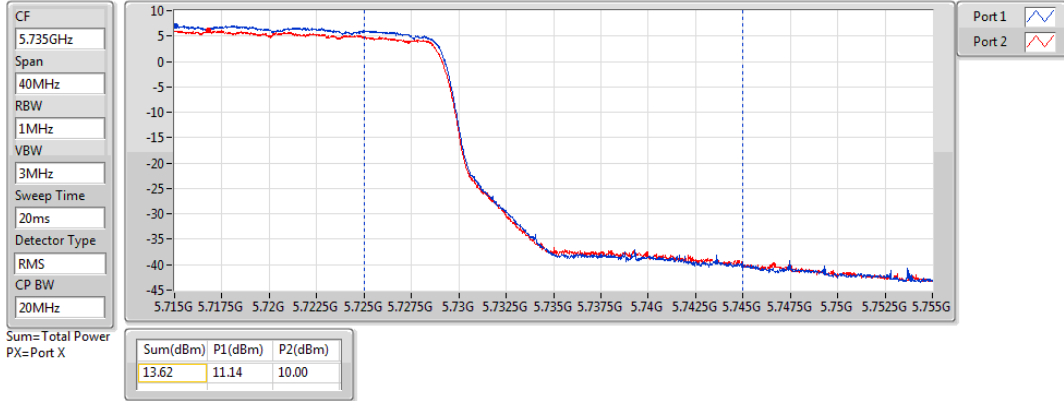


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

08/08/2019

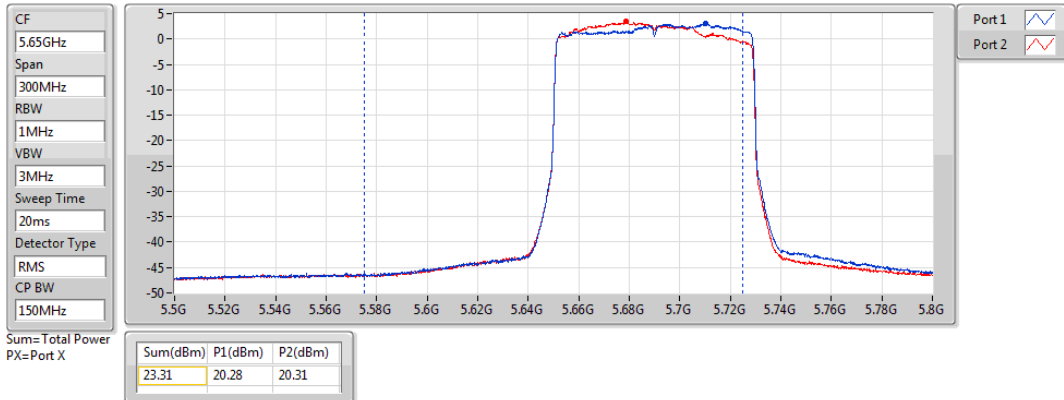


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

08/08/2019

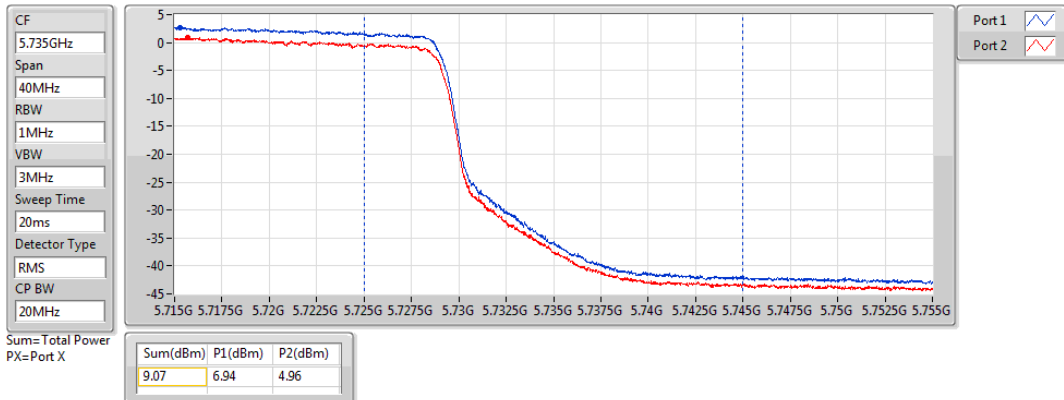


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

08/08/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.97	0.15740
802.11ax HEW20_Nss1,(MCS0)_4TX	22.33	0.17100
802.11ax HEW40_Nss1,(MCS0)_4TX	23.82	0.24099
802.11ax HEW80_Nss1,(MCS0)_4TX	23.61	0.22961
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.03	0.15959
802.11ax HEW20_Nss1,(MCS0)_4TX	22.42	0.17458
802.11ax HEW40_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ax HEW80_Nss1,(MCS0)_4TX	23.76	0.23768
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	14.88	0.03076
802.11ax HEW20_Nss1,(MCS0)_4TX	16.01	0.03990
802.11ax HEW40_Nss1,(MCS0)_4TX	13.88	0.02443
802.11ax HEW80_Nss1,(MCS0)_4TX	9.17	0.00826



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.29	15.63	15.58	16.26	16.29	21.97	23.98
5300MHz	Pass	4.29	15.73	15.05	16.21	16.18	21.84	23.98
5320MHz	Pass	4.29	15.87	15.46	16.32	16.10	21.97	23.98
5500MHz	Pass	4.29	15.64	15.57	16.17	16.37	21.97	23.98
5580MHz	Pass	4.29	14.88	15.76	16.49	16.17	21.89	23.98
5700MHz	Pass	4.29	15.89	15.75	16.22	16.16	22.03	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.29	15.41	15.12	15.15	15.52	21.32	22.81
5720MHz Straddle 5.725-5.85GHz	Pass	4.29	8.12	8.93	9.51	8.76	14.88	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	4.29	15.76	16.06	16.58	16.48	22.25	23.98
5300MHz	Pass	4.29	15.98	15.72	16.47	16.62	22.23	23.98
5320MHz	Pass	4.29	16.12	15.88	16.57	16.61	22.33	23.98
5500MHz	Pass	4.29	15.76	16.06	16.53	16.52	22.25	23.98
5580MHz	Pass	4.29	16.46	16.08	16.25	16.79	22.42	23.98
5700MHz	Pass	4.29	16.20	16.01	16.39	16.42	22.28	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.29	15.19	15.16	15.36	15.49	21.32	22.99
5720MHz Straddle 5.725-5.85GHz	Pass	4.29	10.13	9.89	10.10	9.84	16.01	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	4.29	17.28	17.51	18.15	17.91	23.75	23.98
5310MHz	Pass	4.29	17.53	17.44	18.06	18.12	23.82	23.98
5510MHz	Pass	4.29	17.51	17.42	17.83	18.19	23.77	23.98
5550MHz	Pass	4.29	17.46	17.51	17.88	18.29	23.82	23.98
5670MHz	Pass	4.29	17.69	17.77	18.26	18.03	23.96	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.29	17.74	17.94	17.86	18.22	23.96	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.29	7.30	7.98	8.18	7.92	13.88	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	4.29	17.20	17.23	17.84	18.01	23.61	23.98
5530MHz	Pass	4.29	17.32	17.41	17.75	18.09	23.67	23.98
5610MHz	Pass	4.29	17.47	17.62	17.97	17.89	23.76	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.29	17.44	17.34	17.76	17.59	23.56	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.29	3.37	2.61	3.02	3.54	9.17	30.00

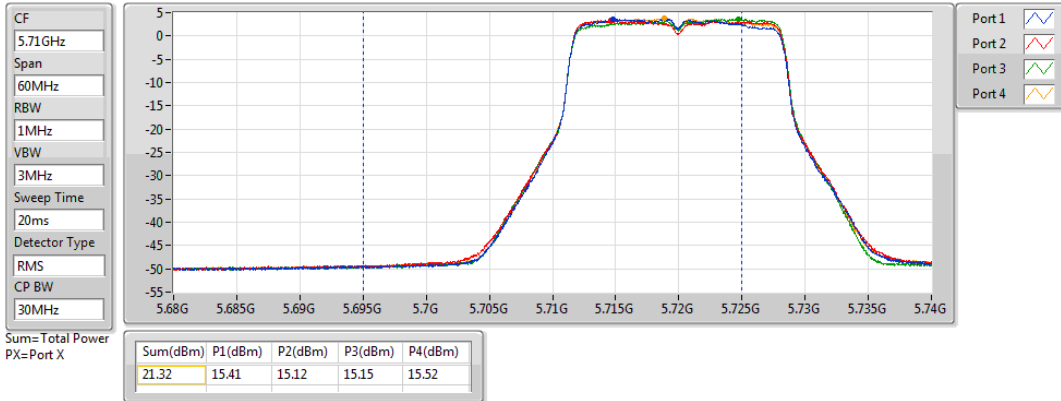
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/08/2019

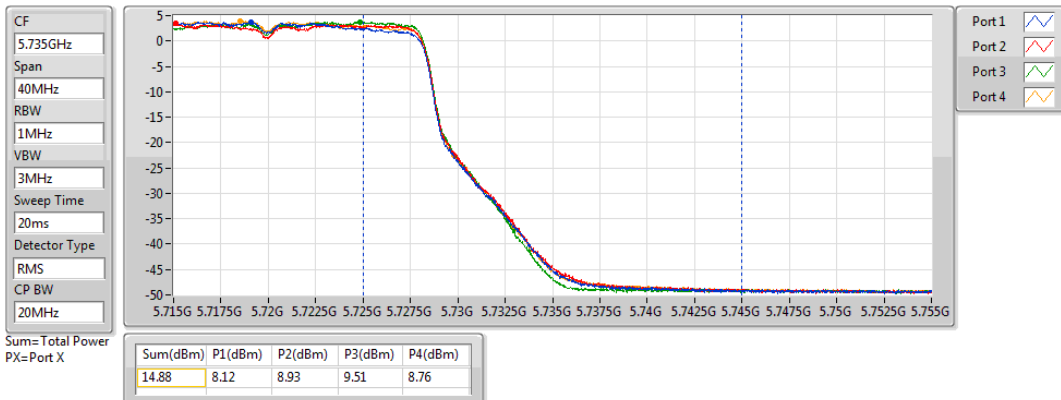


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/08/2019

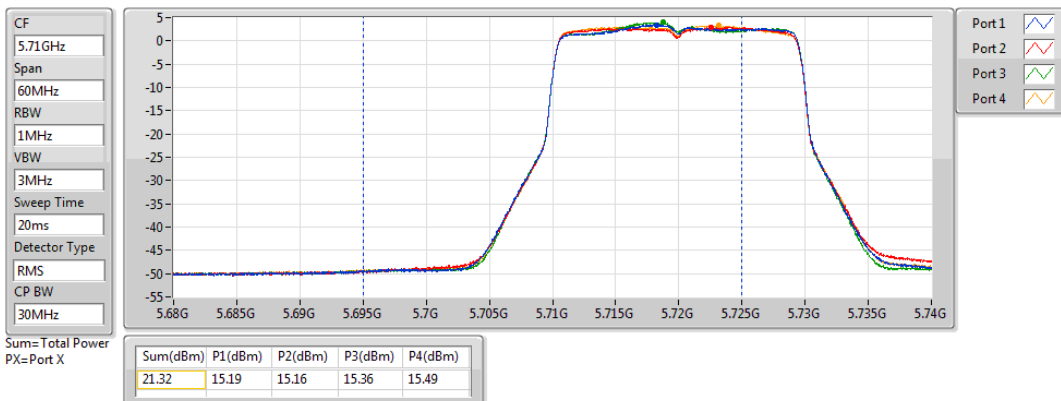


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/08/2019

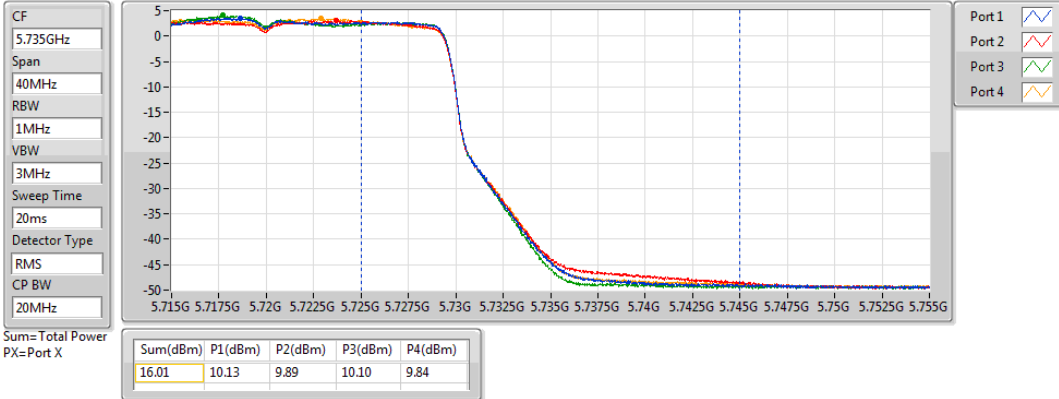


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/08/2019

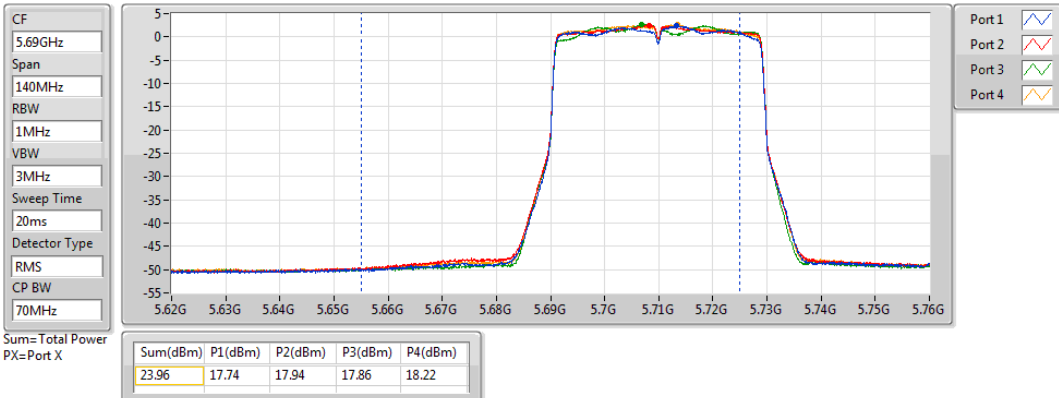


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

03/08/2019

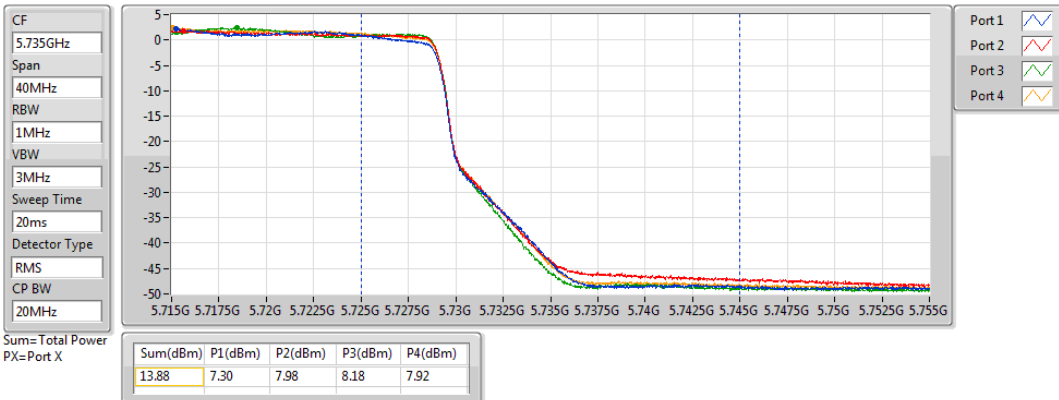


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

03/08/2019

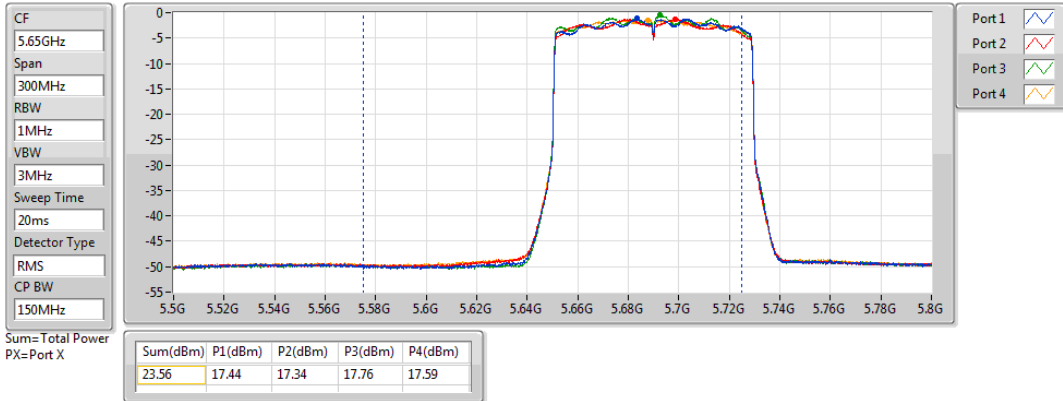


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

03/08/2019

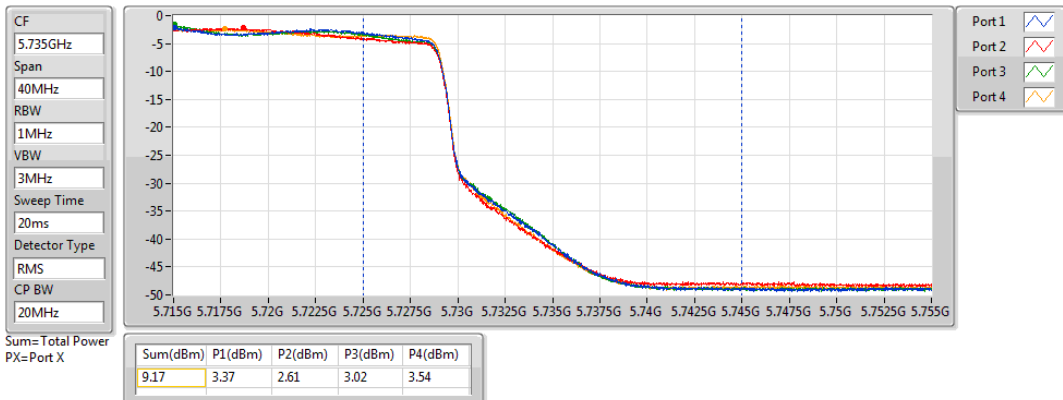


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

03/08/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.24	0.16749
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.27	0.16866
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.18	0.16520
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.59	0.14421
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.23	0.16711
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.13	0.16331
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.79	0.03013
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	11.55	0.01429
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	7.81	0.00604



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.69	15.41	15.93	16.41	16.67	22.15	22.29
5300MHz	Pass	7.69	15.76	15.84	16.32	16.46	22.13	22.29
5320MHz	Pass	7.69	15.83	15.96	16.43	16.61	22.24	22.29
5500MHz	Pass	7.69	15.55	15.49	15.25	15.60	21.50	22.29
5580MHz	Pass	7.69	15.52	15.55	15.40	15.80	21.59	22.29
5700MHz	Pass	7.69	15.36	15.61	14.98	16.16	21.57	22.29
5720MHz Straddle 5.47-5.725GHz	Pass	7.69	14.32	14.30	14.10	15.02	20.47	21.25
5720MHz Straddle 5.725-5.85GHz	Pass	7.69	8.78	8.52	8.37	9.36	14.79	28.31
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	7.69	15.58	16.07	16.56	16.62	22.25	22.29
5310MHz	Pass	7.69	15.81	15.98	16.49	16.67	22.27	22.29
5510MHz	Pass	7.69	15.66	15.32	15.43	15.78	21.57	22.29
5550MHz	Pass	7.69	15.29	15.68	15.29	15.95	21.58	22.29
5670MHz	Pass	7.69	15.96	15.81	15.55	16.30	21.93	22.29
5710MHz Straddle 5.47-5.725GHz	Pass	7.69	16.35	16.43	15.66	16.37	22.23	22.29
5710MHz Straddle 5.725-5.85GHz	Pass	7.69	5.60	5.64	4.85	5.97	11.55	28.31
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.69	15.69	15.53	16.68	16.63	22.18	22.29
5530MHz	Pass	7.69	15.32	15.47	15.14	15.69	21.43	22.29
5610MHz	Pass	7.69	15.60	15.41	15.25	15.59	21.49	22.29
5690MHz Straddle 5.47-5.725GHz	Pass	7.69	15.94	16.27	15.67	16.51	22.13	22.29
5690MHz Straddle 5.725-5.85GHz	Pass	7.69	2.56	0.79	1.29	2.27	7.81	28.31

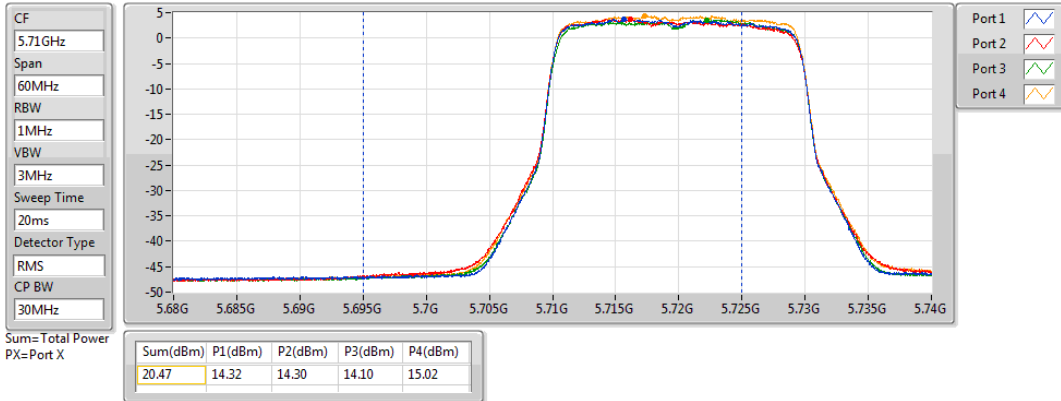
DG = Directional Gain; **Port X** = Port X output power

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

07/08/2019

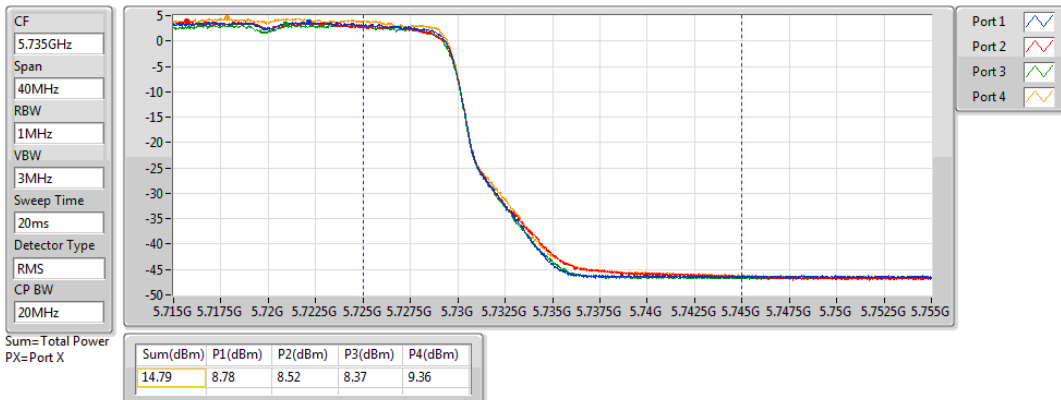


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

07/08/2019

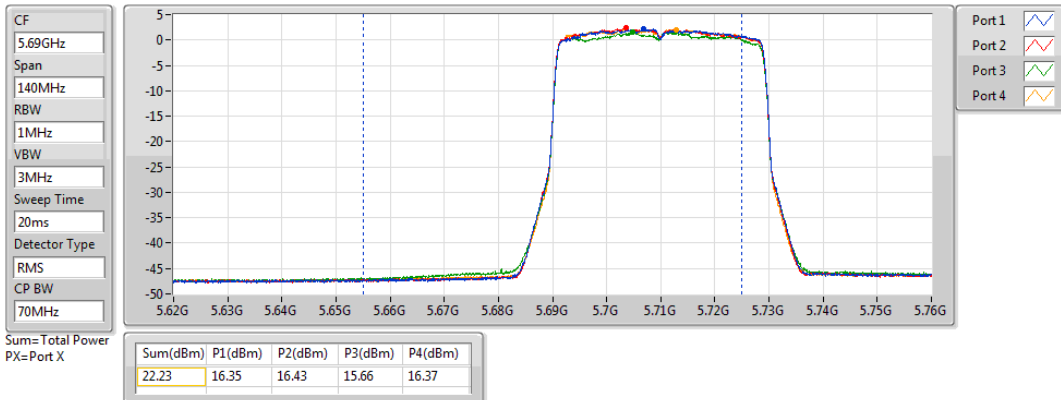


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

07/08/2019

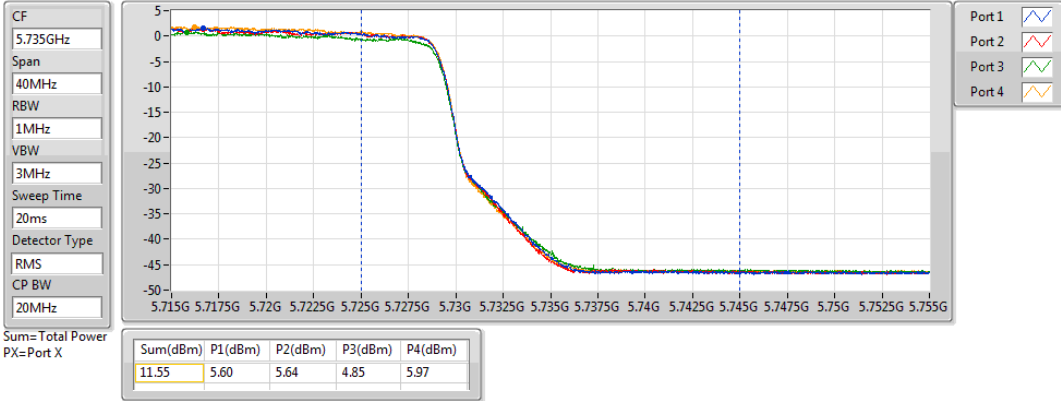


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

07/08/2019

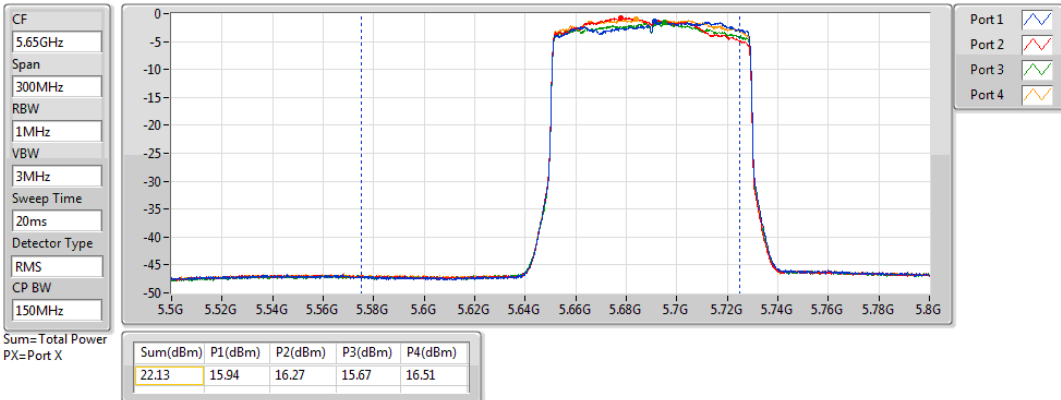


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

07/08/2019

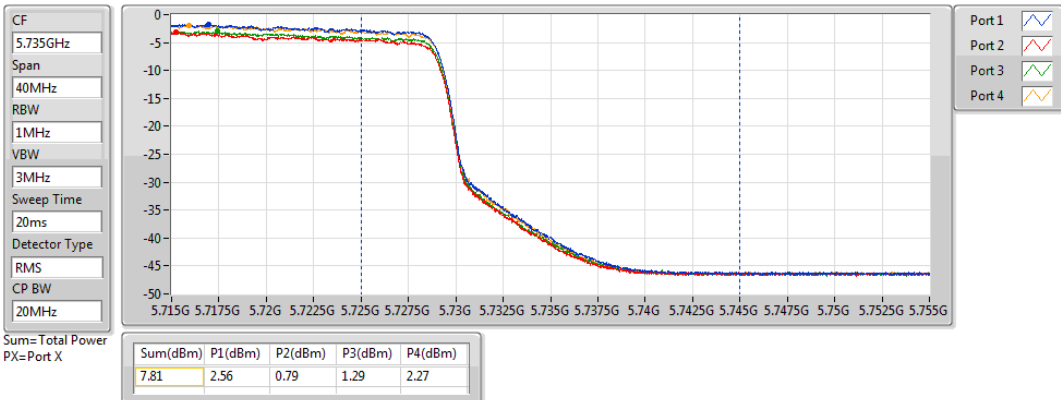


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

07/08/2019



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.70	0.23442
802.11ax HEW20_Nss1,(MCS0)_1TX	23.95	0.24831
802.11ax HEW40_Nss1,(MCS0)_1TX	23.96	0.24889
802.11ax HEW80_Nss1,(MCS0)_1TX	23.73	0.23605
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.62	0.23014
802.11ax HEW20_Nss1,(MCS0)_1TX	23.91	0.24604
802.11ax HEW40_Nss1,(MCS0)_1TX	23.96	0.24889
802.11ax HEW80_Nss1,(MCS0)_1TX	23.86	0.24322
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	16.01	0.03990
802.11ax HEW20_Nss1,(MCS0)_1TX	17.09	0.05117
802.11ax HEW40_Nss1,(MCS0)_1TX	13.78	0.02388
802.11ax HEW80_Nss1,(MCS0)_1TX	10.02	0.01005

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	2.17	23.62	23.62	23.98
5300MHz	Pass	2.17	23.70	23.70	23.98
5320MHz	Pass	2.17	23.42	23.42	23.98
5500MHz	Pass	2.17	23.62	23.62	23.98
5580MHz	Pass	2.17	23.54	23.54	23.98
5700MHz	Pass	2.17	23.39	23.39	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.17	22.78	22.78	22.86
5720MHz Straddle 5.725-5.85GHz	Pass	2.17	16.01	16.01	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	2.17	23.93	23.93	23.98
5300MHz	Pass	2.17	23.95	23.95	23.98
5320MHz	Pass	2.17	23.65	23.65	23.98
5500MHz	Pass	2.17	23.91	23.91	23.98
5580MHz	Pass	2.17	23.79	23.79	23.98
5700MHz	Pass	2.17	23.16	23.16	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	2.17	22.70	22.70	23.07
5720MHz Straddle 5.725-5.85GHz	Pass	2.17	17.09	17.09	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	2.17	23.81	23.81	23.98
5310MHz	Pass	2.17	23.96	23.96	23.98
5510MHz	Pass	2.17	23.51	23.51	23.98
5550MHz	Pass	2.17	23.96	23.96	23.98
5670MHz	Pass	2.17	23.92	23.92	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	2.17	23.94	23.94	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	2.17	13.78	13.78	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	2.17	23.73	23.73	23.98
5530MHz	Pass	2.17	22.91	22.91	23.98
5610MHz	Pass	2.17	23.65	23.65	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	2.17	23.86	23.86	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	2.17	10.02	10.02	30.00

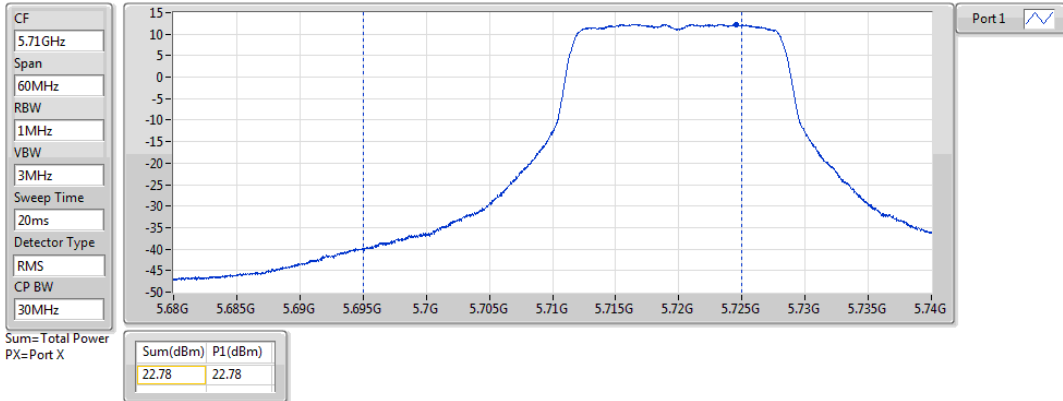
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

03/08/2019

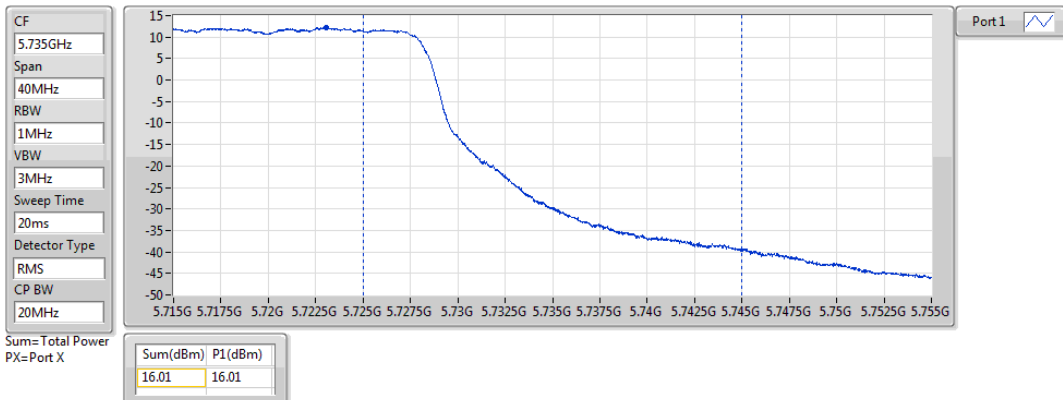


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

03/08/2019

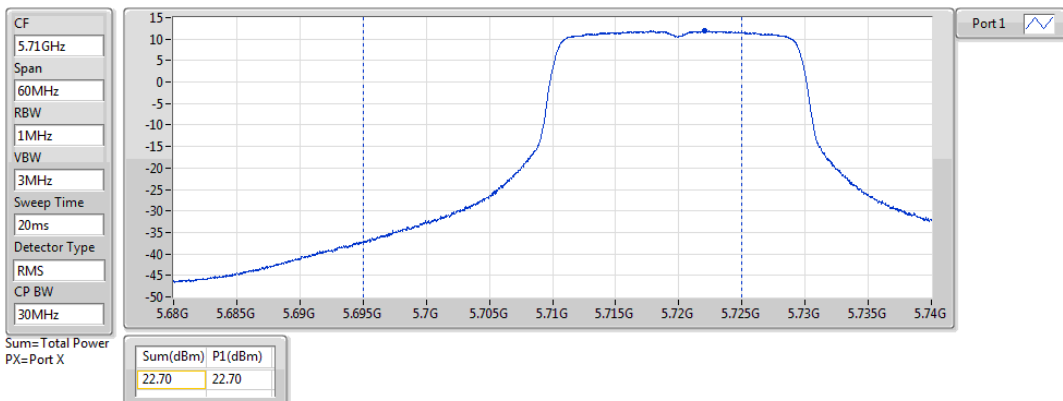


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

03/08/2019

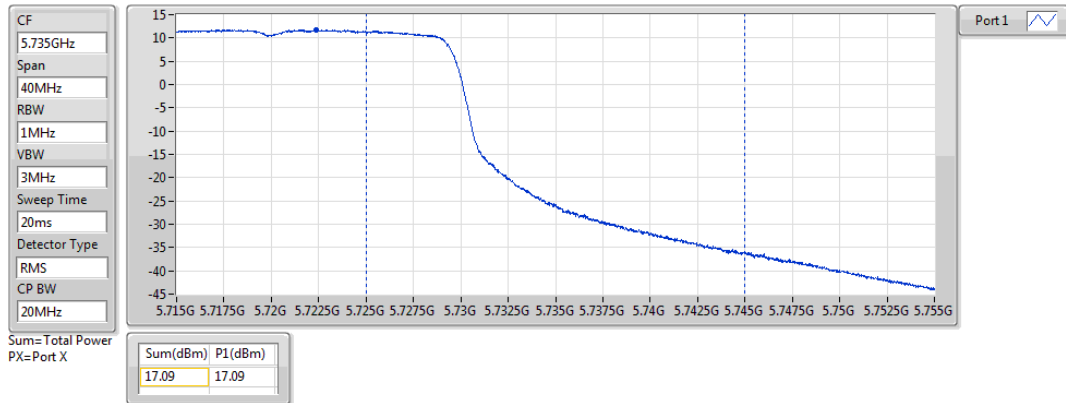


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

03/08/2019

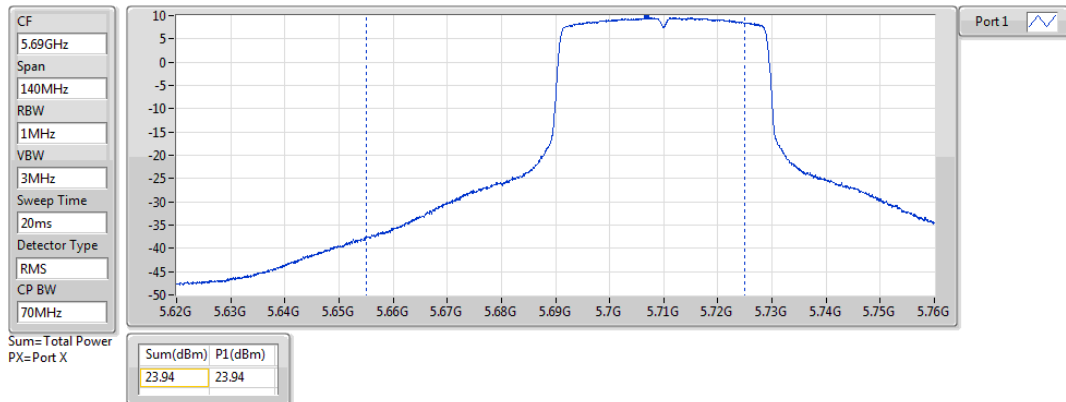


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

03/08/2019

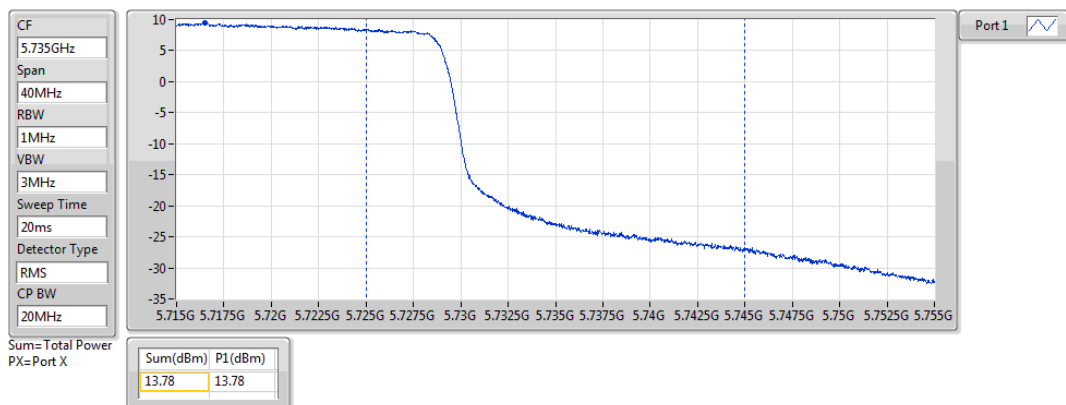


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

03/08/2019

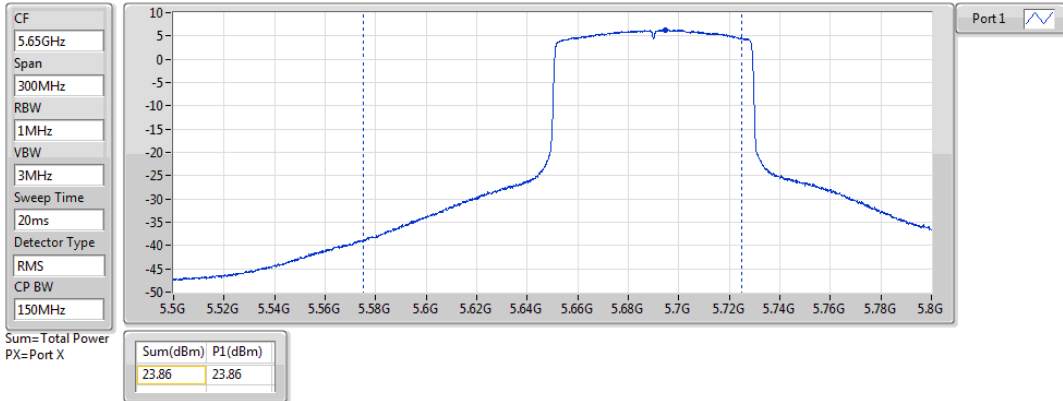


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

03/08/2019

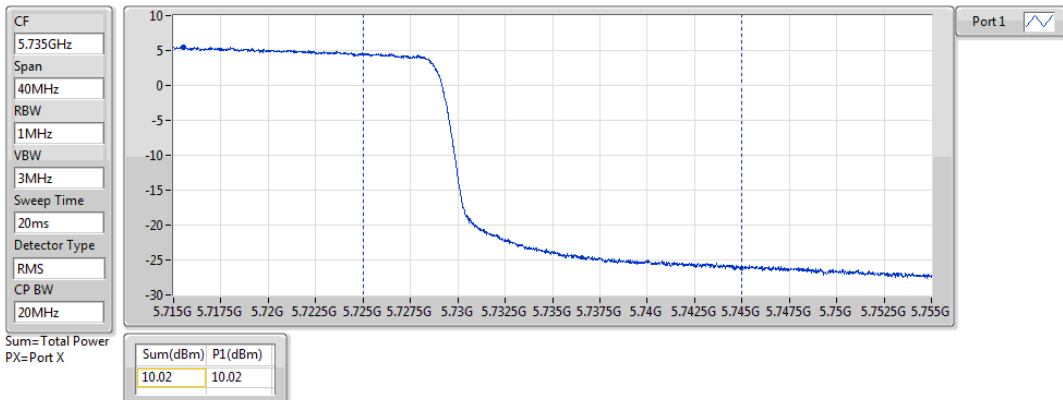


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

03/08/2019



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.63	0.23067
802.11ax HEW20_Nss1,(MCS0)_2TX	23.92	0.24660
802.11ax HEW40_Nss1,(MCS0)_2TX	23.93	0.24717
802.11ax HEW80_Nss1,(MCS0)_2TX	23.72	0.23550
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	23.60	0.22909
802.11ax HEW20_Nss1,(MCS0)_2TX	23.91	0.24604
802.11ax HEW40_Nss1,(MCS0)_2TX	23.96	0.24889
802.11ax HEW80_Nss1,(MCS0)_2TX	23.94	0.24774
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	15.82	0.03819
802.11ax HEW20_Nss1,(MCS0)_2TX	16.92	0.04920
802.11ax HEW40_Nss1,(MCS0)_2TX	13.36	0.02168
802.11ax HEW80_Nss1,(MCS0)_2TX	9.58	0.00908



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	3.04	20.64	20.35	23.51	23.98
5300MHz	Pass	3.04	20.71	20.24	23.49	23.98
5320MHz	Pass	3.04	20.88	20.35	23.63	23.98
5500MHz	Pass	3.04	20.61	20.57	23.60	23.98
5580MHz	Pass	3.04	20.50	20.34	23.43	23.98
5700MHz	Pass	3.04	20.47	20.26	23.38	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.04	19.80	19.56	22.69	22.80
5720MHz Straddle 5.725-5.85GHz	Pass	3.04	12.84	12.77	15.82	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	3.04	20.96	20.63	23.81	23.98
5300MHz	Pass	3.04	21.18	20.54	23.88	23.98
5320MHz	Pass	3.04	21.12	20.69	23.92	23.98
5500MHz	Pass	3.04	21.06	20.73	23.91	23.98
5580MHz	Pass	3.04	20.84	20.66	23.76	23.98
5700MHz	Pass	3.04	20.87	20.60	23.75	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.04	19.98	19.62	22.81	22.92
5720MHz Straddle 5.725-5.85GHz	Pass	3.04	13.96	13.85	16.92	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	3.04	20.96	20.78	23.88	23.98
5310MHz	Pass	3.04	21.18	20.65	23.93	23.98
5510MHz	Pass	3.04	21.04	20.83	23.95	23.98
5550MHz	Pass	3.04	21.09	20.80	23.96	23.98
5670MHz	Pass	3.04	20.90	20.81	23.87	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.04	20.93	20.78	23.87	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.04	10.35	10.35	13.36	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	3.04	20.96	20.44	23.72	23.98
5530MHz	Pass	3.04	20.93	20.78	23.87	23.98
5610MHz	Pass	3.04	20.77	20.59	23.69	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.04	21.01	20.85	23.94	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.04	6.75	6.39	9.58	30.00

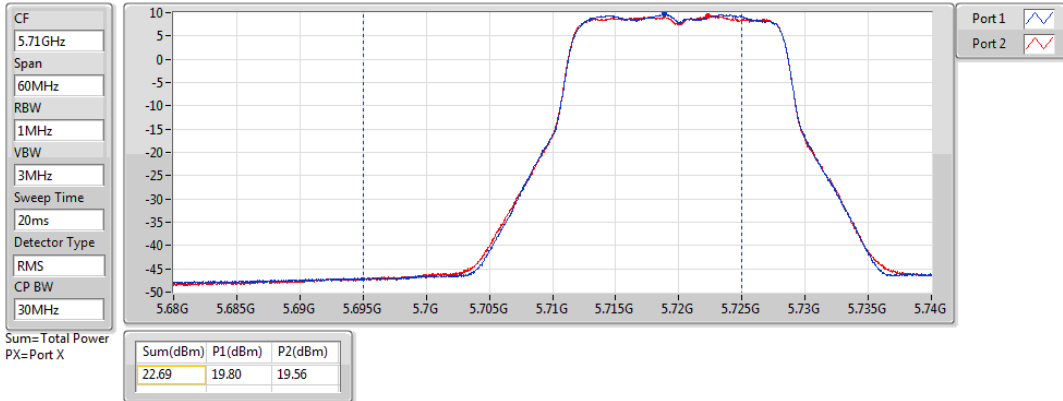
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

03/08/2019

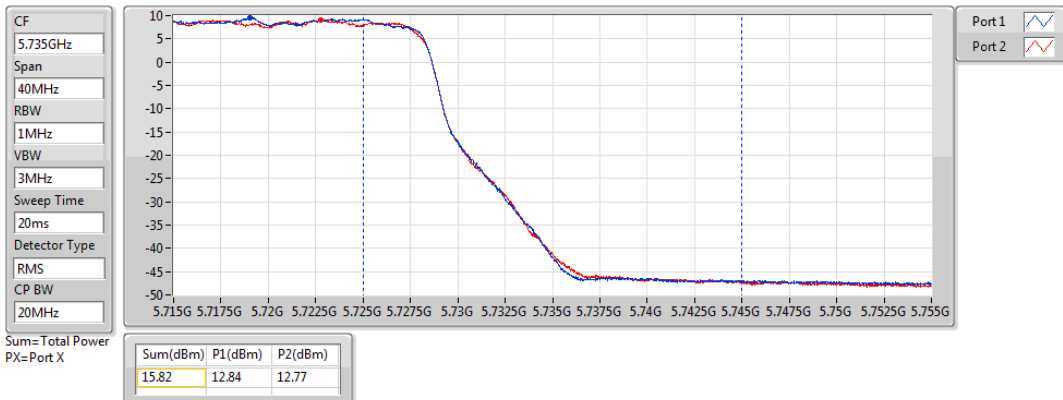


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

03/08/2019

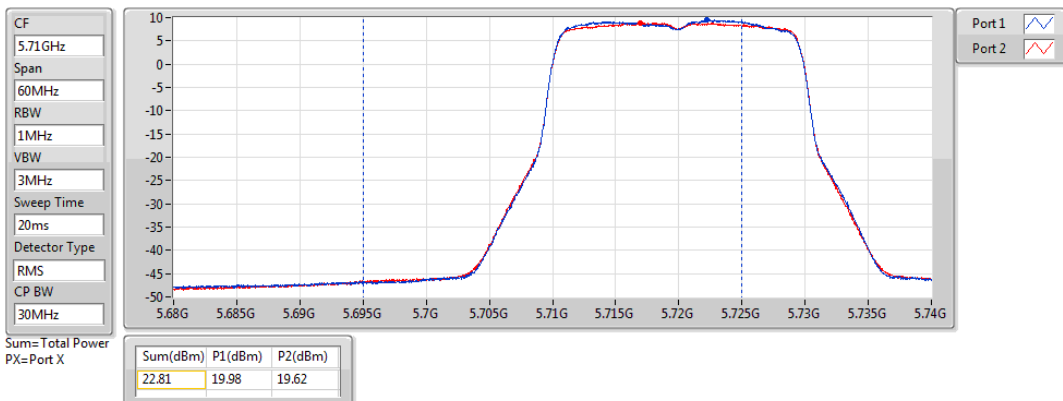


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

03/08/2019

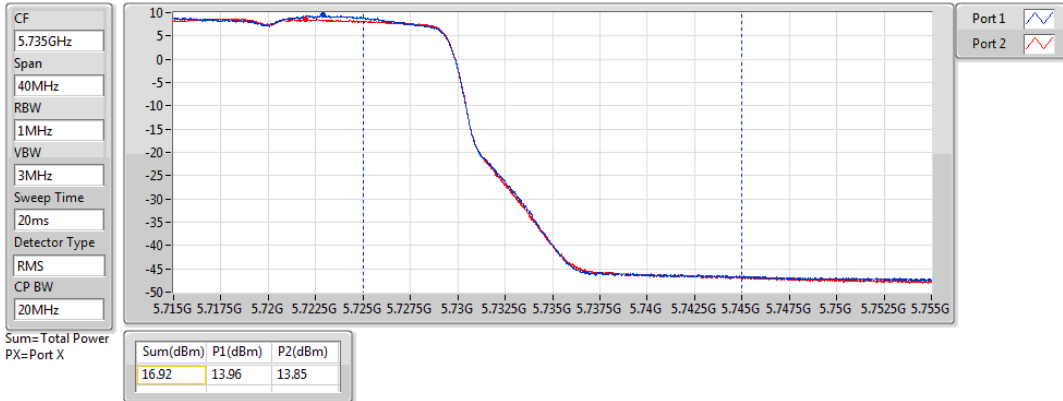


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

03/08/2019

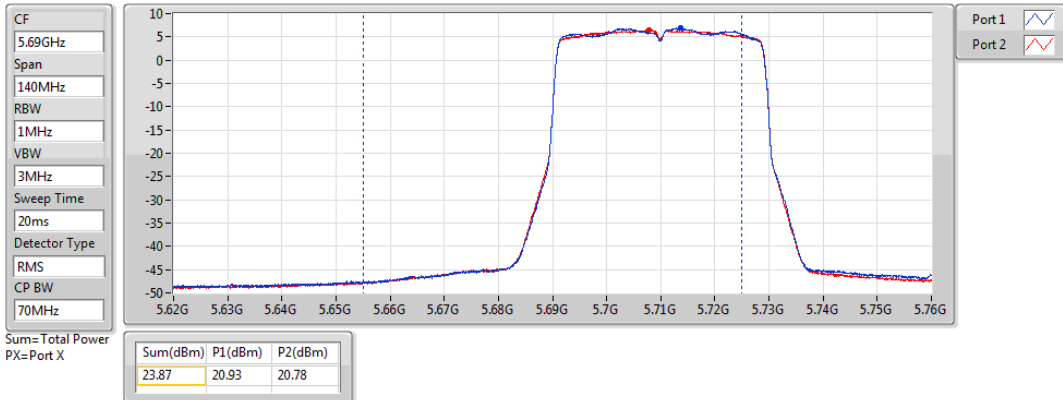


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

03/08/2019

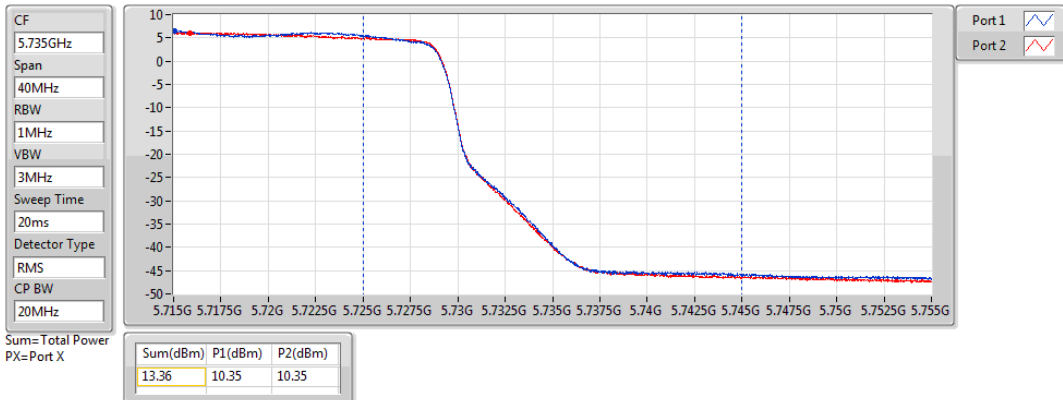


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

03/08/2019

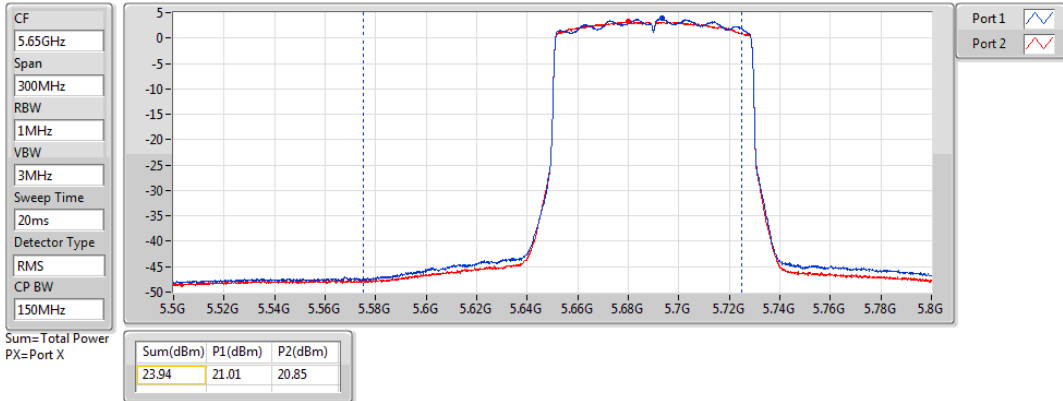


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

03/08/2019

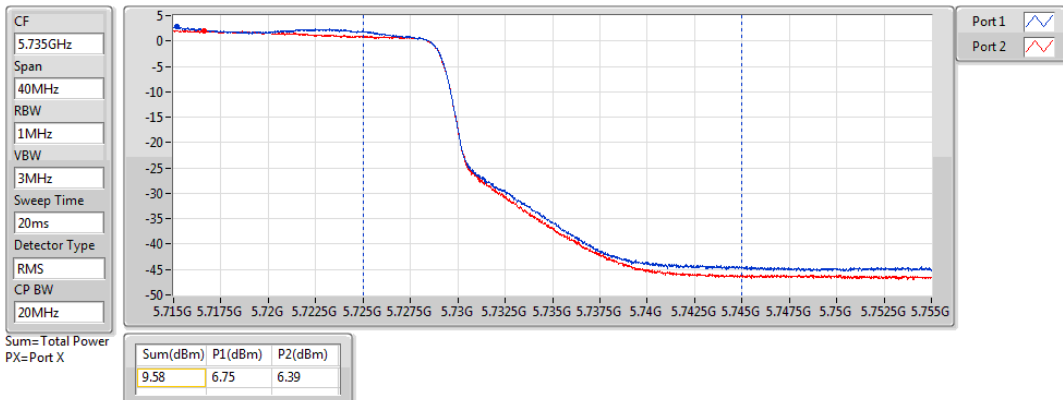


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

03/08/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.84	0.24210
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.76	0.23768
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.52	0.22491
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.78	0.23878
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.96	0.24889
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.41	0.21928
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	16.54	0.04508
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	13.62	0.02301
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	9.07	0.00807

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	4.19	20.87	20.72	23.81	23.98
5300MHz	Pass	4.19	20.93	20.31	23.64	23.98
5320MHz	Pass	4.19	21.09	20.56	23.84	23.98
5500MHz	Pass	4.19	20.69	20.02	23.38	23.98
5580MHz	Pass	4.19	20.63	20.15	23.41	23.98
5700MHz	Pass	4.19	20.93	20.61	23.78	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.19	19.16	19.08	22.13	22.97
5720MHz Straddle 5.725-5.85GHz	Pass	4.19	13.77	13.27	16.54	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	4.19	20.82	20.67	23.76	23.98
5310MHz	Pass	4.19	20.79	20.51	23.66	23.98
5510MHz	Pass	4.19	20.34	20.09	23.23	23.98
5550MHz	Pass	4.19	20.59	20.02	23.32	23.98
5670MHz	Pass	4.19	20.97	20.92	23.96	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.19	20.95	20.88	23.93	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.19	11.14	10.00	13.62	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	4.19	20.74	20.26	23.52	23.98
5530MHz	Pass	4.19	20.63	20.12	23.39	23.98
5610MHz	Pass	4.19	20.71	20.07	23.41	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.19	20.28	20.31	23.31	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.19	6.94	4.96	9.07	30.00

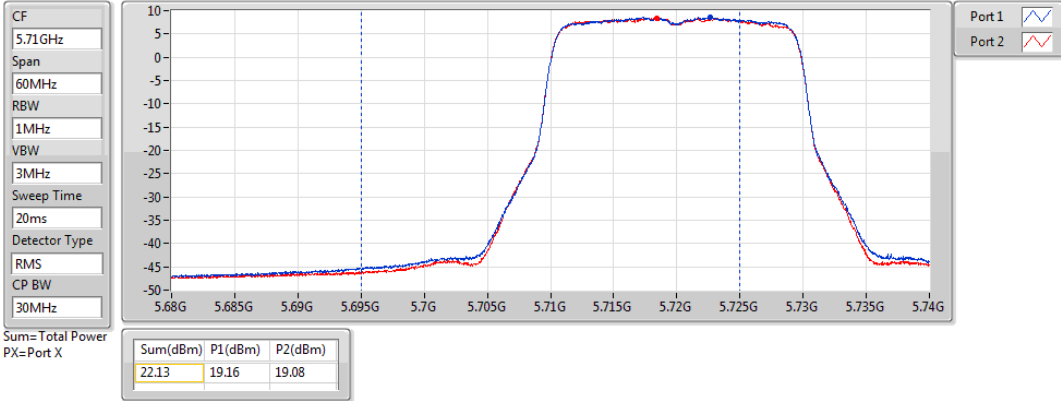
DG = Directional Gain; **Port X** = Port X output power

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

08/08/2019

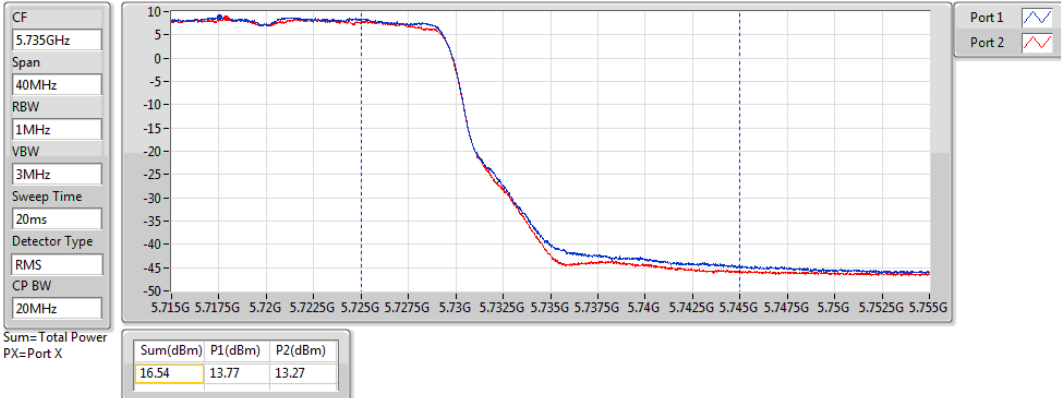


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

08/08/2019

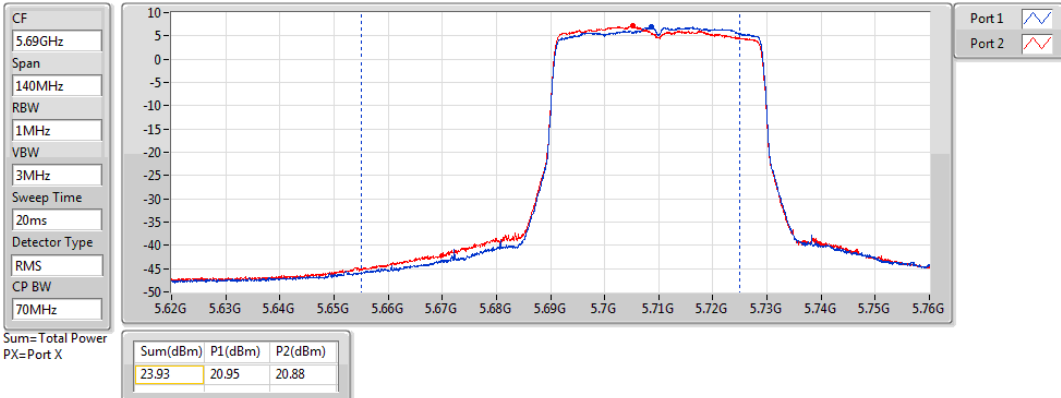


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

08/08/2019

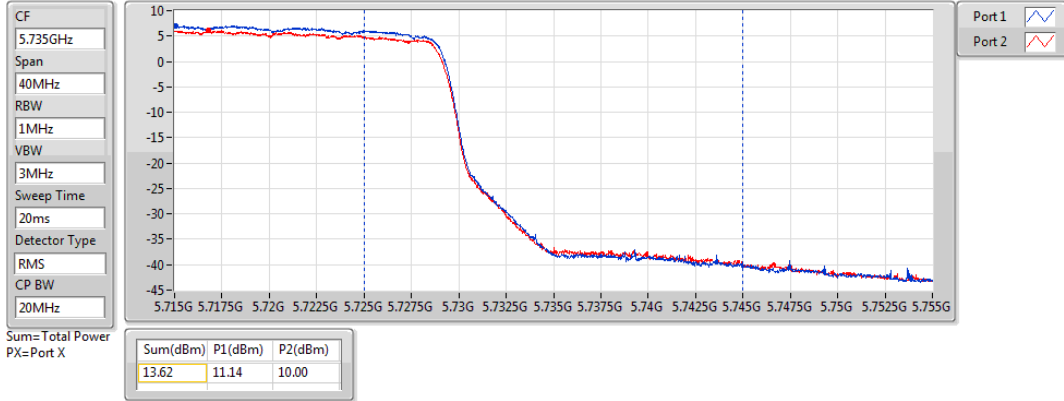


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

08/08/2019

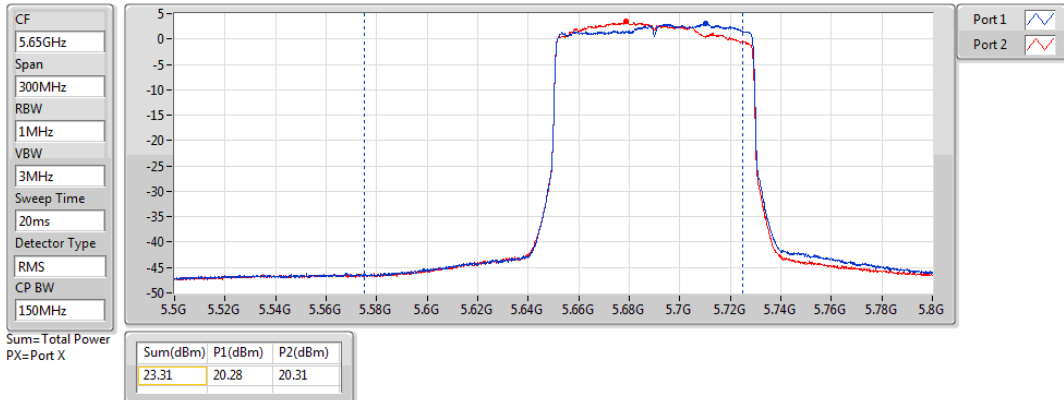


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

08/08/2019

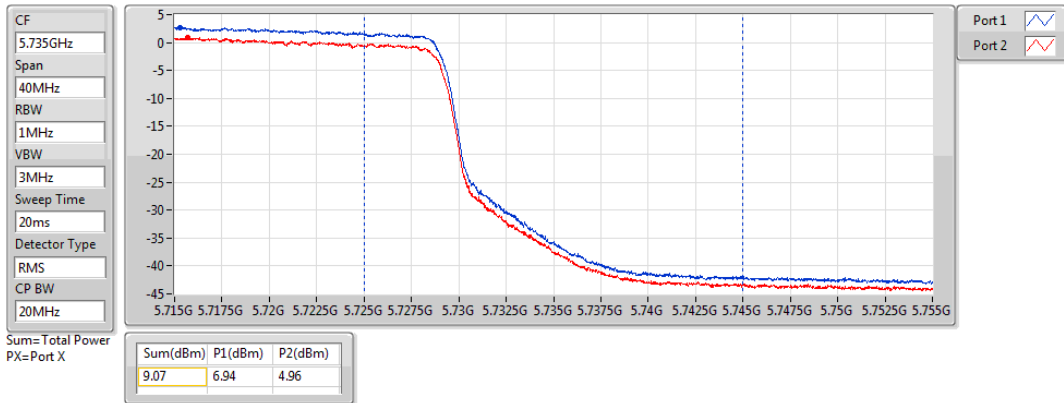


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

08/08/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.43	0.17498
802.11ax HEW20_Nss1,(MCS0)_4TX	22.84	0.19231
802.11ax HEW40_Nss1,(MCS0)_4TX	23.82	0.24099
802.11ax HEW80_Nss1,(MCS0)_4TX	23.61	0.22961
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	22.64	0.18365
802.11ax HEW20_Nss1,(MCS0)_4TX	23.04	0.20137
802.11ax HEW40_Nss1,(MCS0)_4TX	23.96	0.24889
802.11ax HEW80_Nss1,(MCS0)_4TX	23.76	0.23768
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	14.89	0.03083
802.11ax HEW20_Nss1,(MCS0)_4TX	16.57	0.04539
802.11ax HEW40_Nss1,(MCS0)_4TX	13.88	0.02443
802.11ax HEW80_Nss1,(MCS0)_4TX	9.17	0.00826



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.09	16.04	16.07	16.74	16.68	22.42	23.98
5300MHz	Pass	3.09	16.16	15.94	16.67	16.74	22.41	23.98
5320MHz	Pass	3.09	16.28	15.91	16.75	16.66	22.43	23.98
5500MHz	Pass	3.09	16.16	16.20	16.35	16.87	22.43	23.98
5580MHz	Pass	3.09	16.52	16.42	16.93	16.60	22.64	23.98
5700MHz	Pass	3.09	16.41	16.25	16.60	16.61	22.49	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.09	15.75	15.50	15.49	15.47	21.57	22.82
5720MHz Straddle 5.725-5.85GHz	Pass	3.09	8.46	9.38	9.81	7.48	14.89	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.09	16.40	16.51	17.16	16.92	22.78	23.98
5300MHz	Pass	3.09	16.50	16.17	16.79	17.25	22.72	23.98
5320MHz	Pass	3.09	16.55	16.40	17.06	17.21	22.84	23.98
5500MHz	Pass	3.09	16.36	16.50	17.04	17.08	22.78	23.98
5580MHz	Pass	3.09	16.91	16.65	17.20	17.30	23.04	23.98
5700MHz	Pass	3.09	16.81	16.64	16.93	17.02	22.87	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.09	15.78	15.64	15.88	16.03	21.86	23.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.09	10.72	10.40	10.66	10.39	16.57	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.09	17.28	17.51	18.15	17.91	23.75	23.98
5310MHz	Pass	3.09	17.53	17.44	18.06	18.12	23.82	23.98
5510MHz	Pass	3.09	17.51	17.42	17.83	18.19	23.77	23.98
5550MHz	Pass	3.09	17.46	17.51	17.88	18.29	23.82	23.98
5670MHz	Pass	3.09	17.69	17.77	18.26	18.03	23.96	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.09	17.74	17.94	17.86	18.22	23.96	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.09	7.30	7.98	8.18	7.92	13.88	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.09	17.20	17.23	17.84	18.01	23.61	23.98
5530MHz	Pass	3.09	17.32	17.41	17.75	18.09	23.67	23.98
5610MHz	Pass	3.09	17.47	17.62	17.97	17.89	23.76	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.09	17.44	17.34	17.76	17.59	23.56	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.09	3.37	2.61	3.02	3.54	9.17	30.00

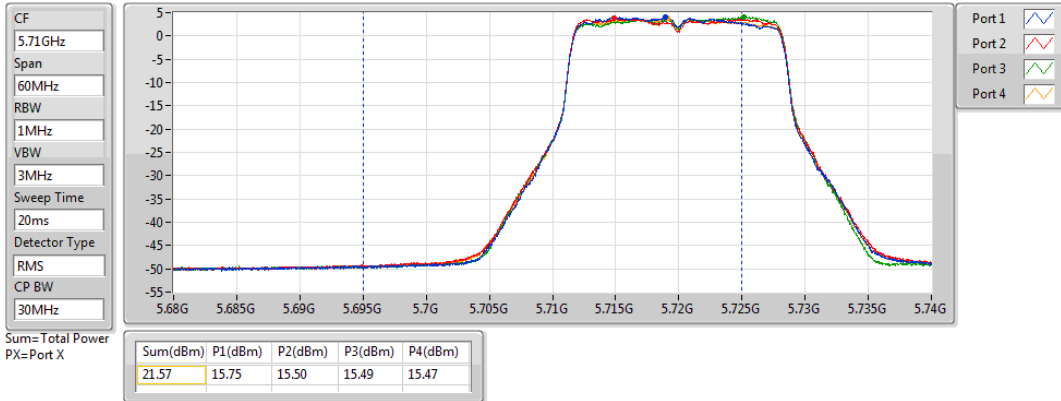
DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/08/2019

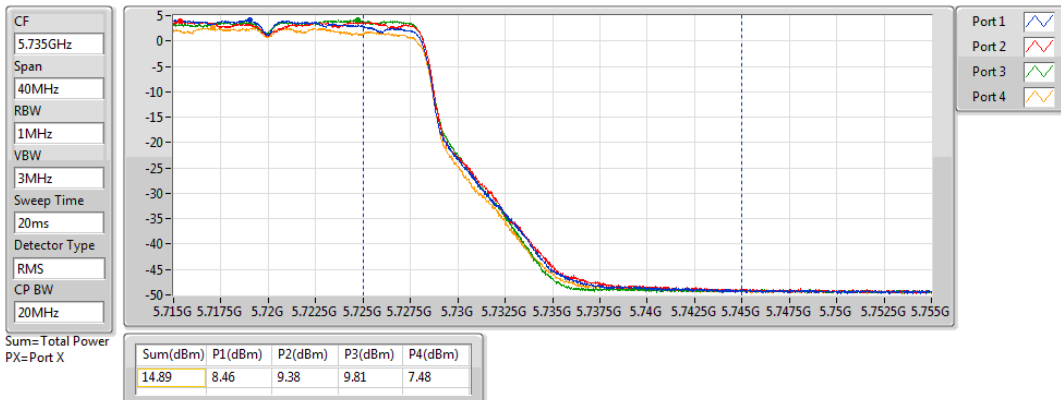


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/08/2019

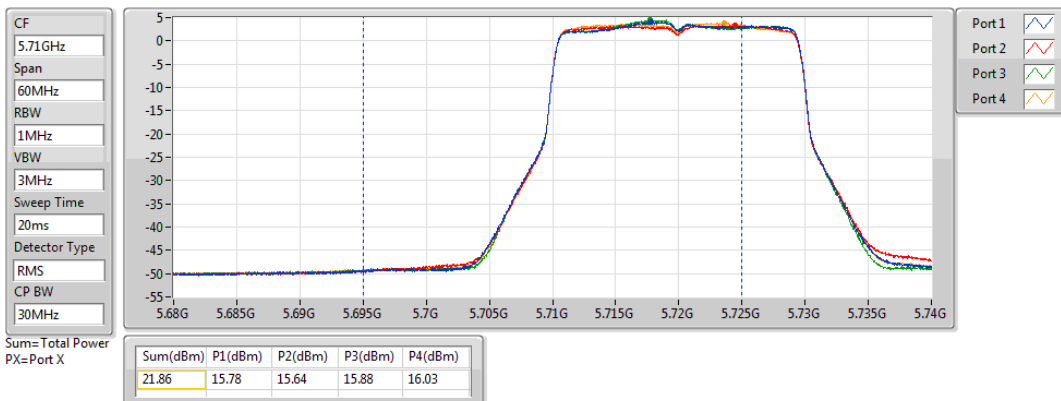


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/08/2019

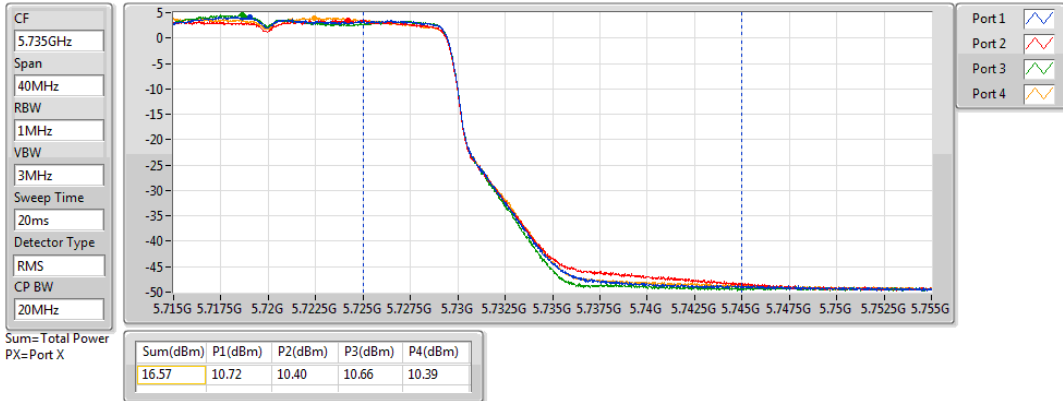


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/08/2019

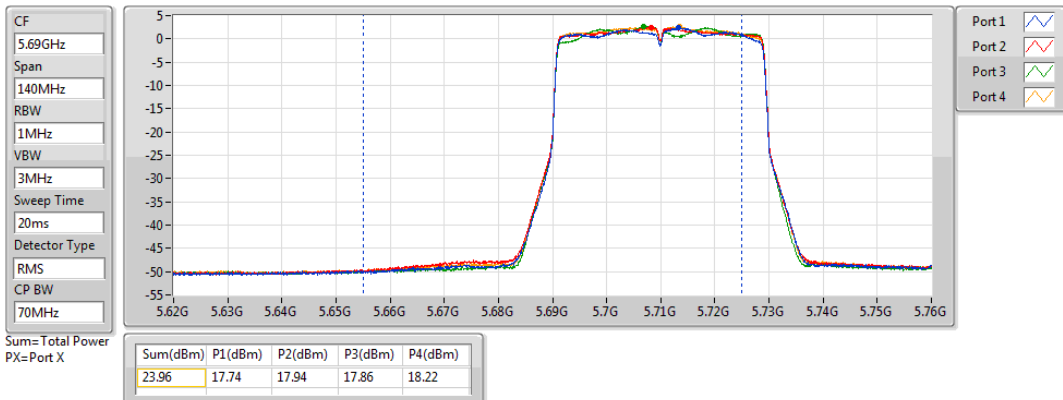


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

03/08/2019

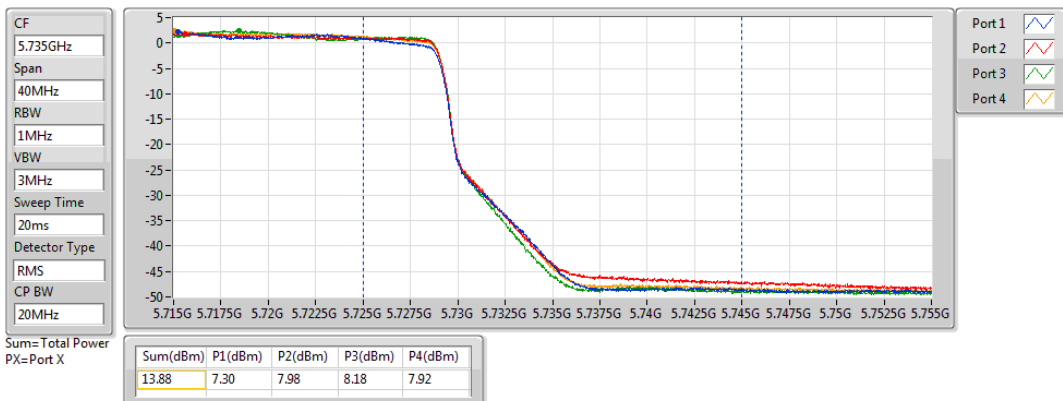


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

03/08/2019

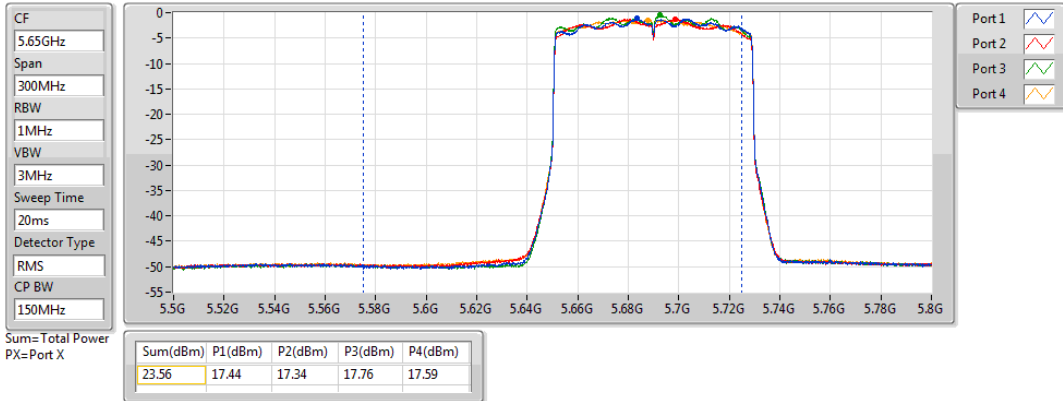


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

03/08/2019

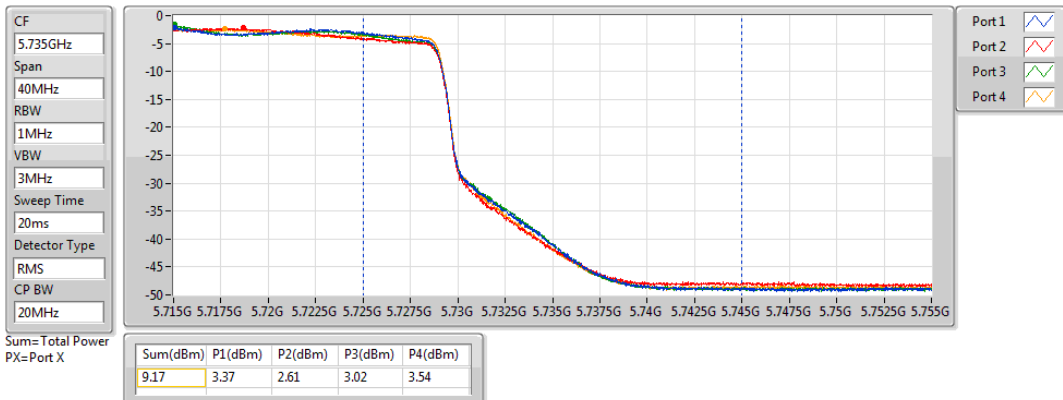


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

03/08/2019



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.24	0.16749
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.27	0.16866
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.18	0.16520
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	22.55	0.17989
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	22.54	0.17947
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	22.46	0.17620
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.70	0.03715
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	11.55	0.01429
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	7.81	0.00604



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.33	15.41	15.93	16.41	16.67	22.15	22.65
5300MHz	Pass	7.33	15.76	15.84	16.32	16.46	22.13	22.65
5320MHz	Pass	7.33	15.83	15.96	16.43	16.61	22.24	22.65
5500MHz	Pass	7.33	16.49	16.44	16.37	16.42	22.45	22.65
5580MHz	Pass	7.33	16.58	16.37	16.29	16.74	22.52	22.65
5700MHz	Pass	7.33	16.48	16.57	15.82	17.13	22.55	22.65
5720MHz Straddle 5.47-5.725GHz	Pass	7.33	15.65	15.26	14.87	15.83	21.44	21.61
5720MHz Straddle 5.725-5.85GHz	Pass	7.33	9.67	9.29	9.65	10.09	15.70	28.67
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	7.33	15.58	16.07	16.56	16.62	22.25	22.65
5310MHz	Pass	7.33	15.81	15.98	16.49	16.67	22.27	22.65
5510MHz	Pass	7.33	16.57	16.23	16.33	16.71	22.48	22.65
5550MHz	Pass	7.33	16.19	16.56	16.32	16.97	22.54	22.65
5670MHz	Pass	7.33	15.96	15.81	15.55	16.30	21.93	22.65
5710MHz Straddle 5.47-5.725GHz	Pass	7.33	16.35	16.43	15.66	16.37	22.23	22.65
5710MHz Straddle 5.725-5.85GHz	Pass	7.33	5.60	5.64	4.85	5.97	11.55	28.67
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.33	15.69	15.53	16.68	16.63	22.18	22.65
5530MHz	Pass	7.33	16.36	16.55	16.01	16.77	22.45	22.65
5610MHz	Pass	7.33	16.59	16.46	16.19	16.51	22.46	22.65
5690MHz Straddle 5.47-5.725GHz	Pass	7.33	15.94	16.27	15.67	16.51	22.13	22.65
5690MHz Straddle 5.725-5.85GHz	Pass	7.33	2.56	0.79	1.29	2.27	7.81	28.67

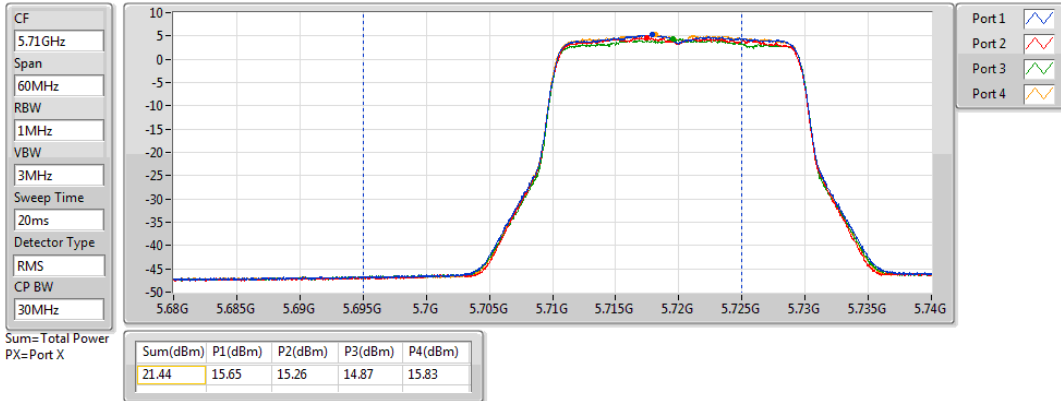
DG = Directional Gain; **Port X** = Port X output power

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

07/08/2019

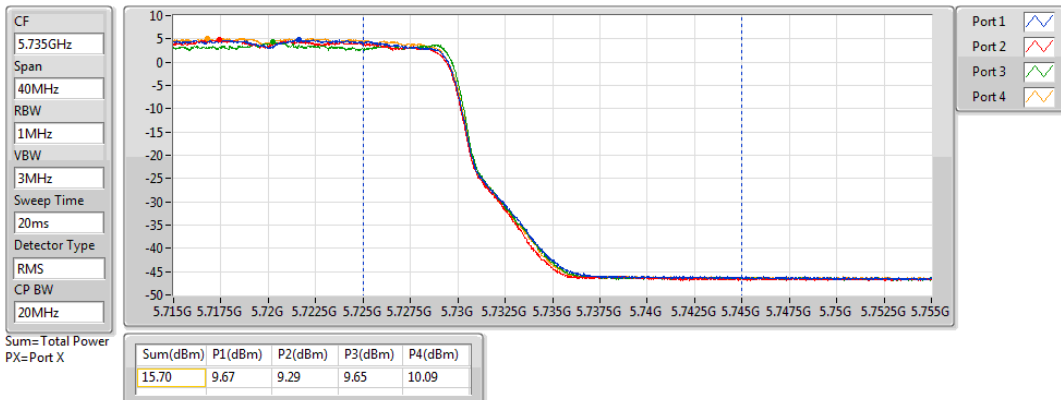


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

07/08/2019

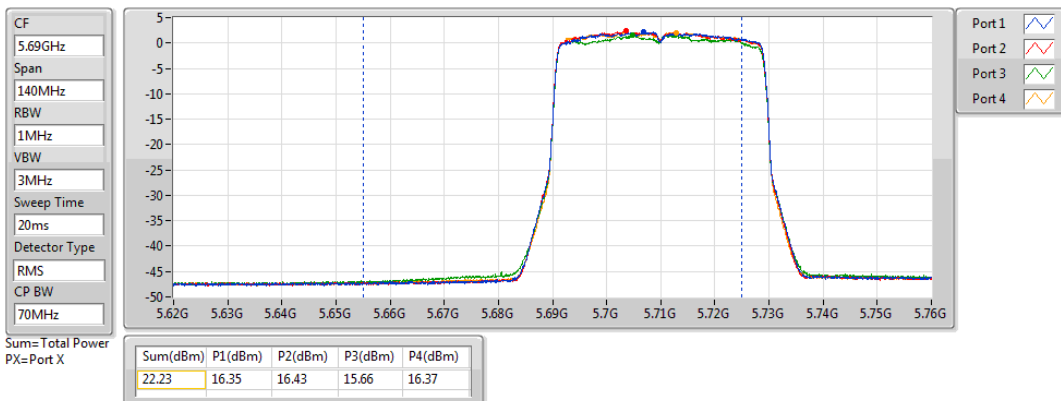


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

07/08/2019

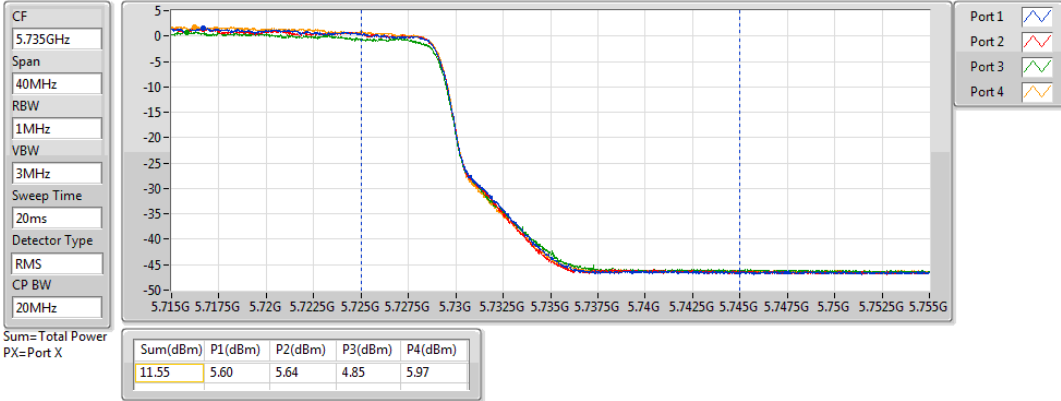


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

07/08/2019

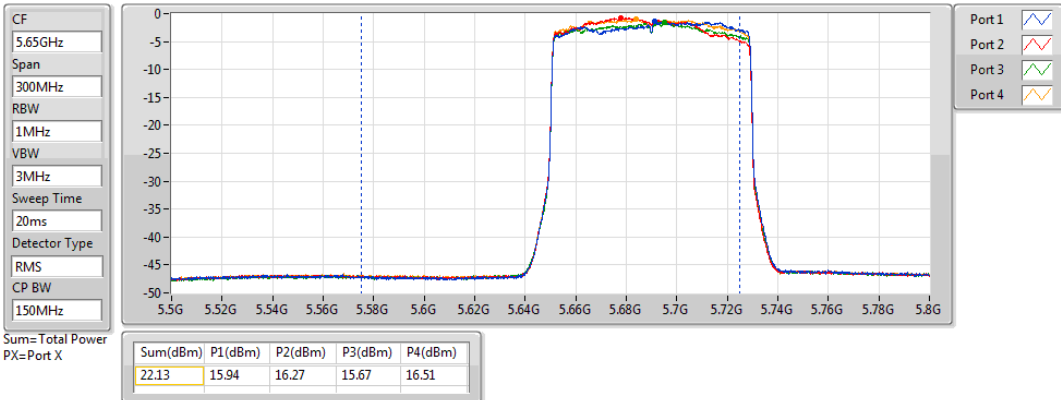


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

07/08/2019

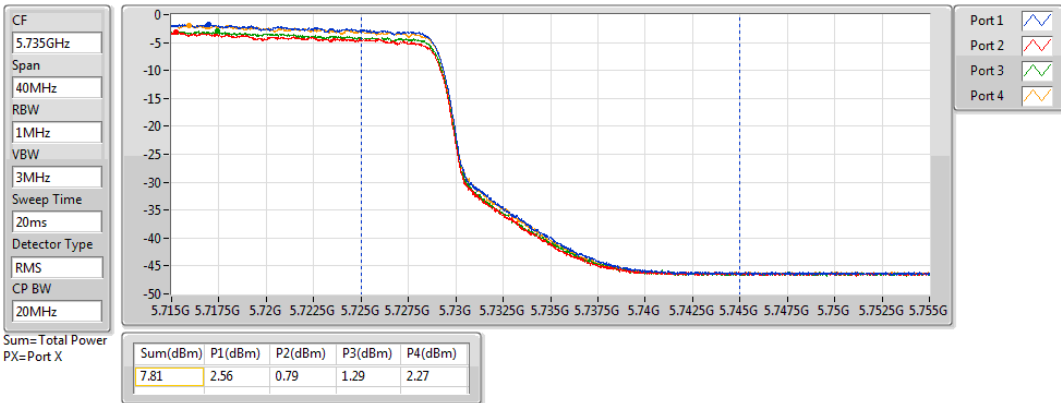


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

07/08/2019



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.73	0.23605
802.11ax HEW20_Nss1,(MCS0)_1TX	23.96	0.24889
802.11ax HEW40_Nss1,(MCS0)_1TX	23.96	0.24889
802.11ax HEW80_Nss1,(MCS0)_1TX	23.26	0.21184
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.89	0.24491
802.11ax HEW20_Nss1,(MCS0)_1TX	23.96	0.24889
802.11ax HEW40_Nss1,(MCS0)_1TX	23.96	0.24889
802.11ax HEW80_Nss1,(MCS0)_1TX	23.95	0.24831
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	15.80	0.03802
802.11ax HEW20_Nss1,(MCS0)_1TX	17.26	0.05321
802.11ax HEW40_Nss1,(MCS0)_1TX	13.70	0.02344
802.11ax HEW80_Nss1,(MCS0)_1TX	9.80	0.00955

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	4.77	23.59	23.59	23.98
5300MHz	Pass	4.77	23.69	23.69	23.98
5320MHz	Pass	4.77	23.73	23.73	23.98
5500MHz	Pass	4.77	23.89	23.89	23.98
5580MHz	Pass	4.77	23.78	23.78	23.98
5700MHz	Pass	4.77	23.62	23.62	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.77	22.54	22.54	22.87
5720MHz Straddle 5.725-5.85GHz	Pass	4.77	15.80	15.80	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	4.77	23.90	23.90	23.98
5300MHz	Pass	4.77	23.95	23.95	23.98
5320MHz	Pass	4.77	23.96	23.96	23.98
5500MHz	Pass	4.77	23.62	23.62	23.98
5580MHz	Pass	4.77	23.96	23.96	23.98
5700MHz	Pass	4.77	23.41	23.41	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	4.77	22.92	22.92	23.32
5720MHz Straddle 5.725-5.85GHz	Pass	4.77	17.26	17.26	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	4.77	23.90	23.90	23.98
5310MHz	Pass	4.77	23.96	23.96	23.98
5510MHz	Pass	4.77	23.24	23.24	23.98
5550MHz	Pass	4.77	23.96	23.96	23.98
5670MHz	Pass	4.77	23.68	23.68	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	4.77	23.88	23.88	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	4.77	13.70	13.70	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	4.77	23.26	23.26	23.98
5530MHz	Pass	4.77	23.17	23.17	23.98
5610MHz	Pass	4.77	23.95	23.95	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	4.77	23.73	23.73	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	4.77	9.80	9.80	30.00

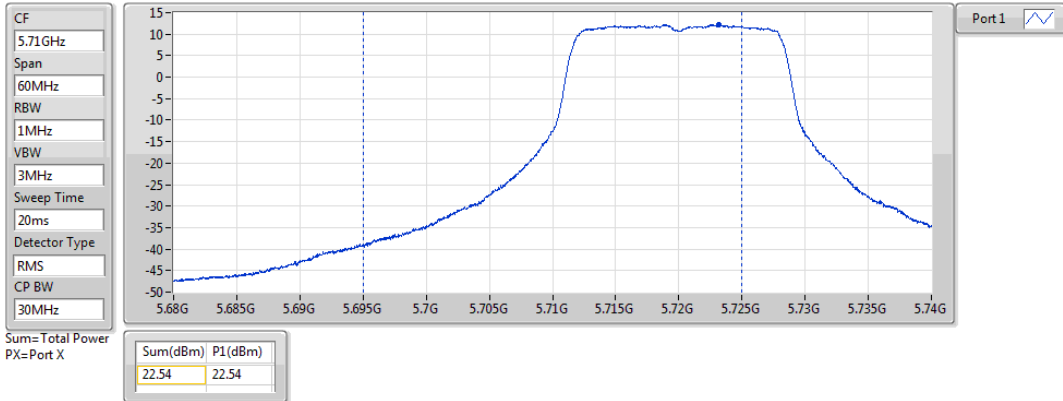
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/08/2019

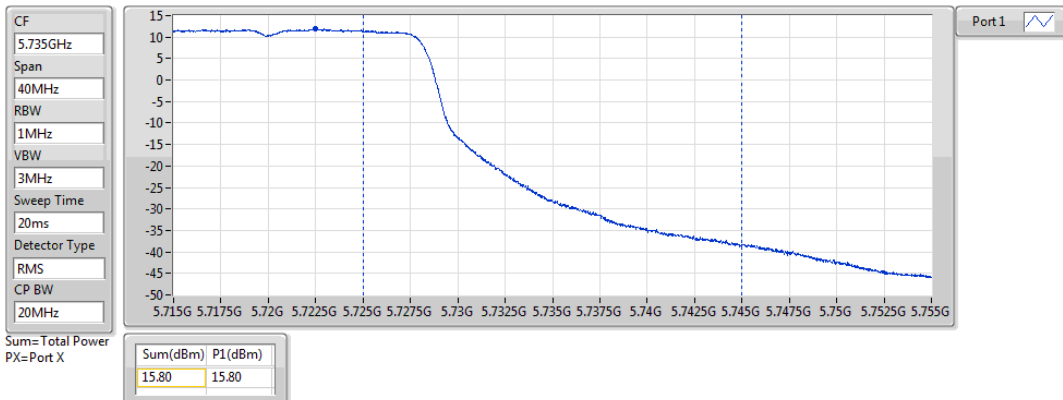


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/08/2019

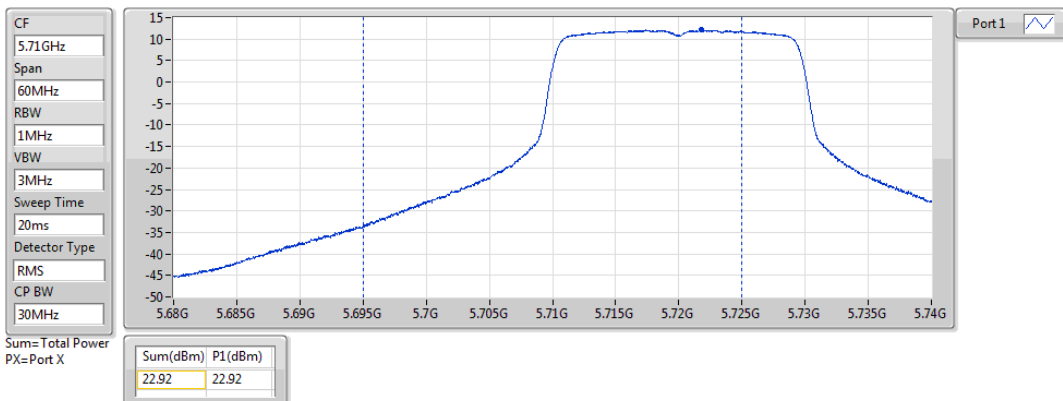


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/08/2019

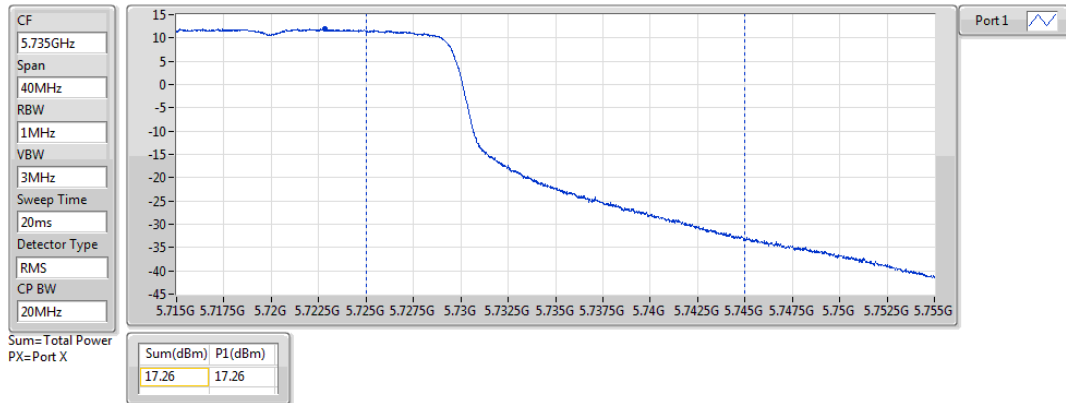


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/08/2019

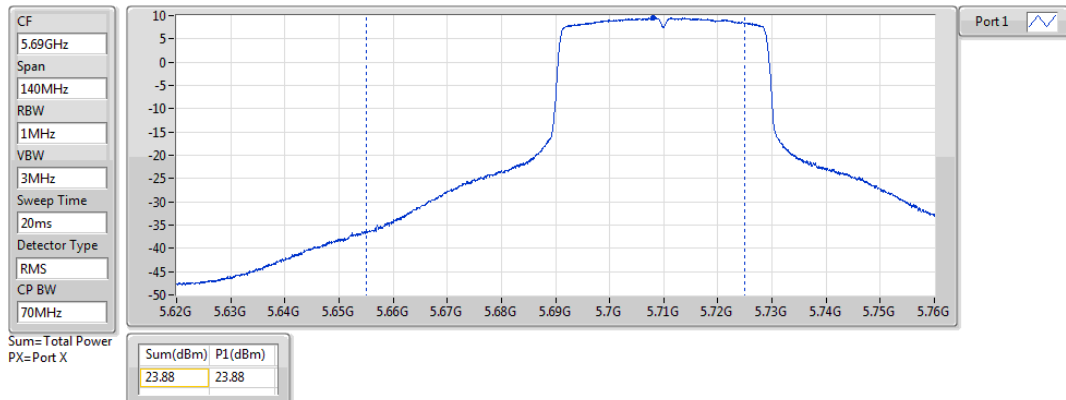


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

02/08/2019

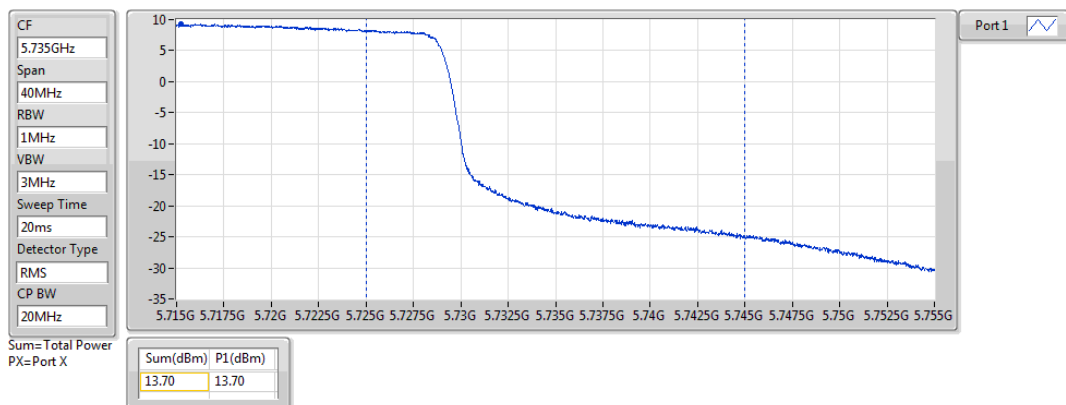


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

02/08/2019

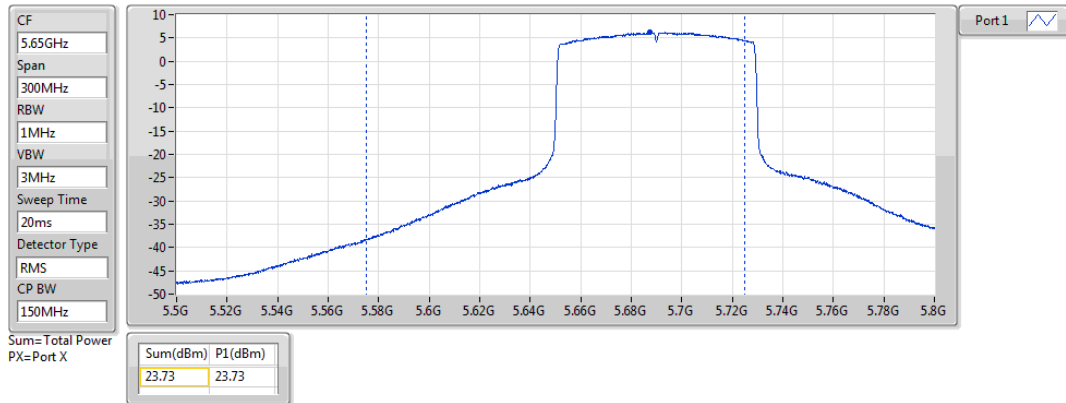


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

02/08/2019

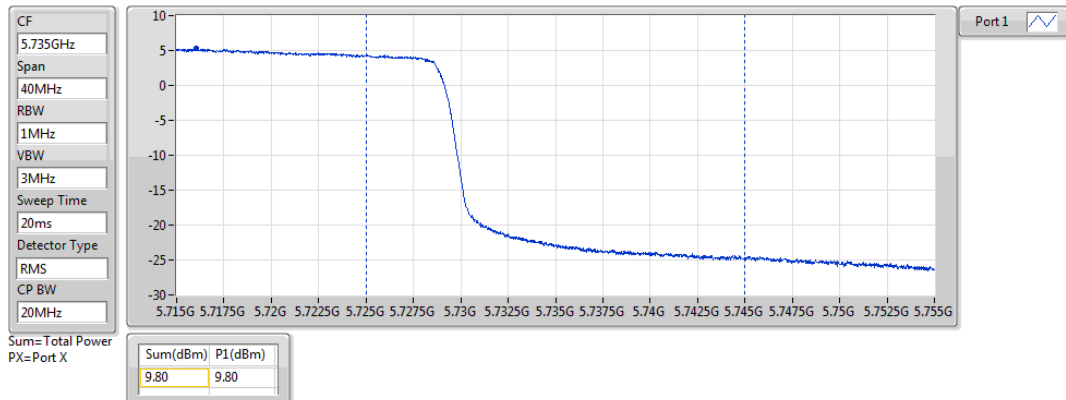


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

02/08/2019



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	20.04	0.10093
802.11ax HEW20_Nss1,(MCS0)_2TX	20.53	0.11298
802.11ax HEW40_Nss1,(MCS0)_2TX	23.42	0.21979
802.11ax HEW80_Nss1,(MCS0)_2TX	23.63	0.23067
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	20.22	0.10520
802.11ax HEW20_Nss1,(MCS0)_2TX	20.87	0.12218
802.11ax HEW40_Nss1,(MCS0)_2TX	23.63	0.23067
802.11ax HEW80_Nss1,(MCS0)_2TX	23.94	0.24774
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	12.33	0.01710
802.11ax HEW20_Nss1,(MCS0)_2TX	13.98	0.02500
802.11ax HEW40_Nss1,(MCS0)_2TX	12.84	0.01923
802.11ax HEW80_Nss1,(MCS0)_2TX	9.49	0.00889



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.64	16.92	17.12	20.03	23.98
5300MHz	Pass	5.64	17.09	16.90	20.01	23.98
5320MHz	Pass	5.64	17.09	16.96	20.04	23.98
5500MHz	Pass	5.64	16.99	17.07	20.04	23.98
5580MHz	Pass	5.64	17.25	17.17	20.22	23.98
5700MHz	Pass	5.64	17.06	17.33	20.21	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.64	16.16	16.32	19.25	22.80
5720MHz Straddle 5.725-5.85GHz	Pass	5.64	9.13	9.50	12.33	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	5.64	17.31	17.50	20.42	23.98
5300MHz	Pass	5.64	17.44	17.39	20.43	23.98
5320MHz	Pass	5.64	17.57	17.47	20.53	23.98
5500MHz	Pass	5.64	17.90	17.82	20.87	23.98
5580MHz	Pass	5.64	17.68	17.56	20.63	23.98
5700MHz	Pass	5.64	17.61	17.71	20.67	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.64	16.87	16.92	19.91	22.96
5720MHz Straddle 5.725-5.85GHz	Pass	5.64	10.75	11.17	13.98	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	5.64	20.34	20.48	23.42	23.98
5310MHz	Pass	5.64	20.61	20.19	23.42	23.98
5510MHz	Pass	5.64	20.42	20.33	23.39	23.98
5550MHz	Pass	5.64	20.45	20.38	23.43	23.98
5670MHz	Pass	5.64	20.54	20.69	23.63	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.64	20.24	20.52	23.39	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.64	9.62	10.03	12.84	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	5.64	20.70	20.53	23.63	23.98
5530MHz	Pass	5.64	20.79	20.72	23.77	23.98
5610MHz	Pass	5.64	21.03	20.83	23.94	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.64	20.85	20.97	23.92	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.64	6.45	6.50	9.49	30.00

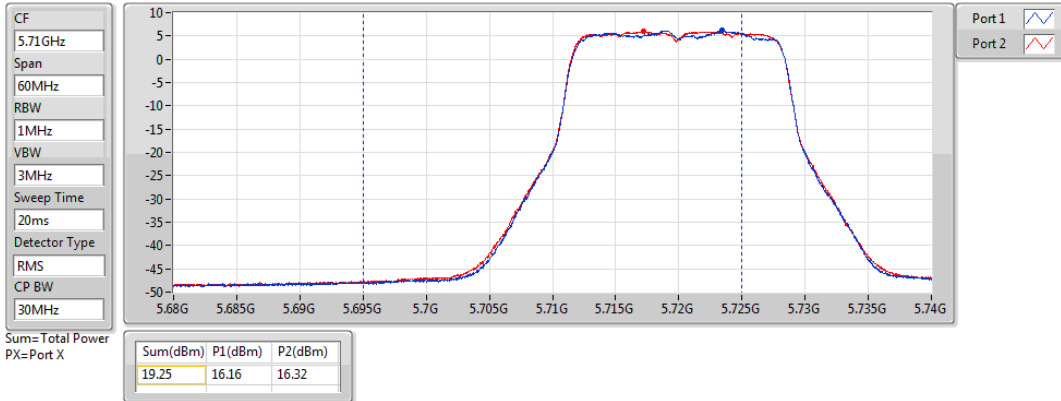
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

01/08/2019

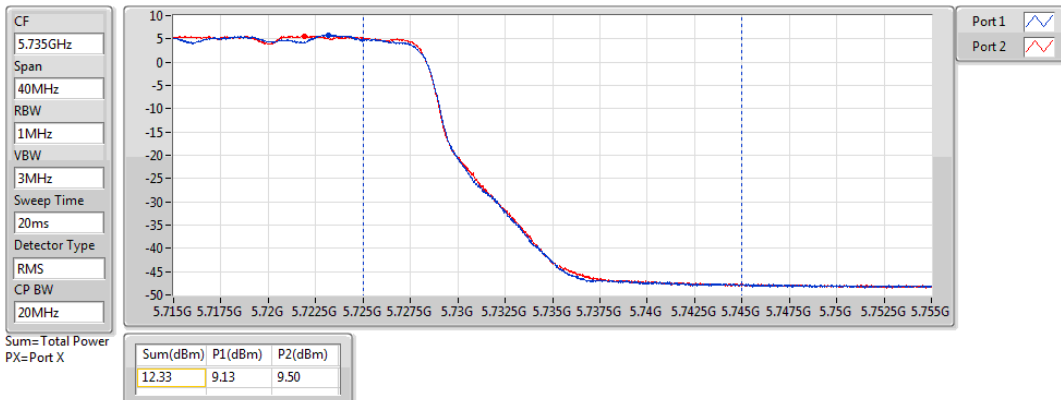


802.11a_Nss1,(6Mbps)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

01/08/2019

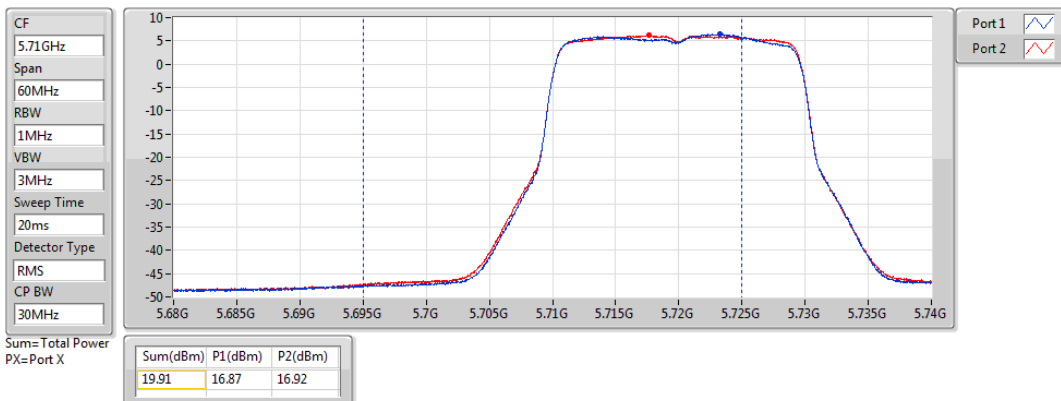


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

01/08/2019

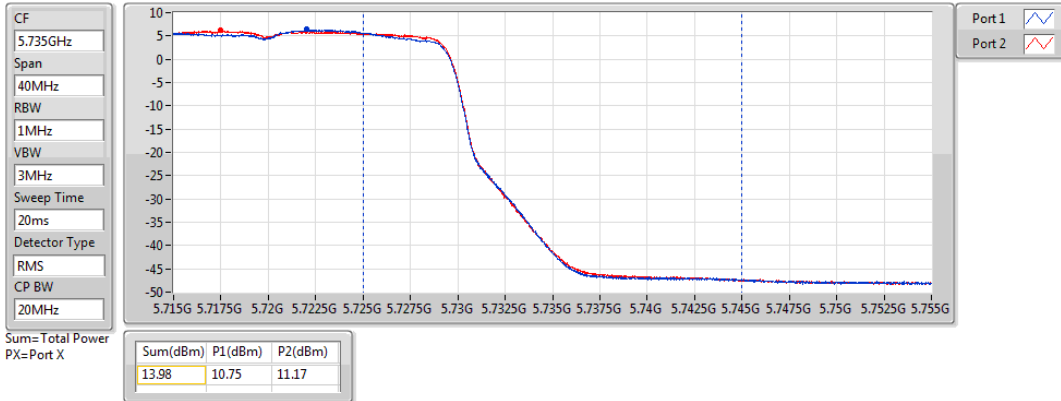


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

01/08/2019

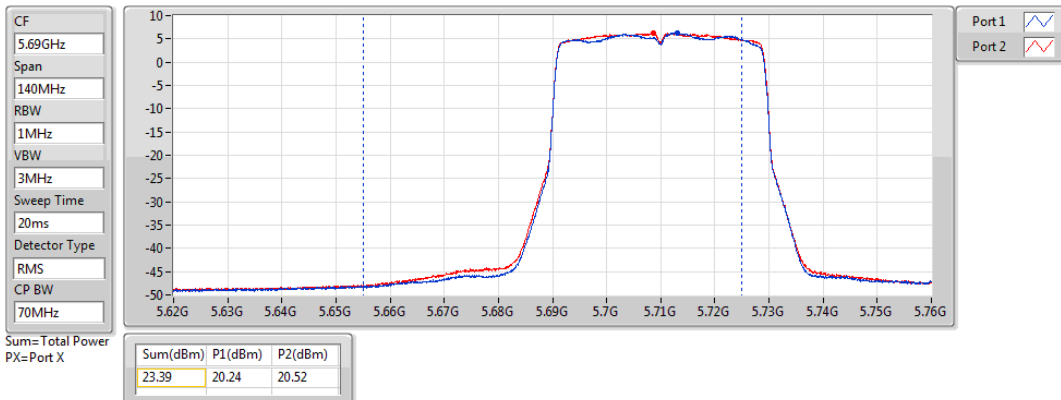


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

01/08/2019

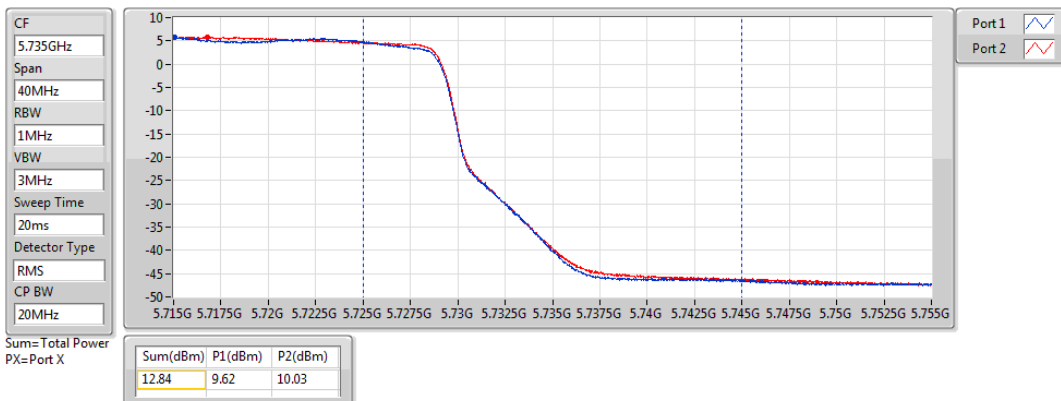


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

01/08/2019

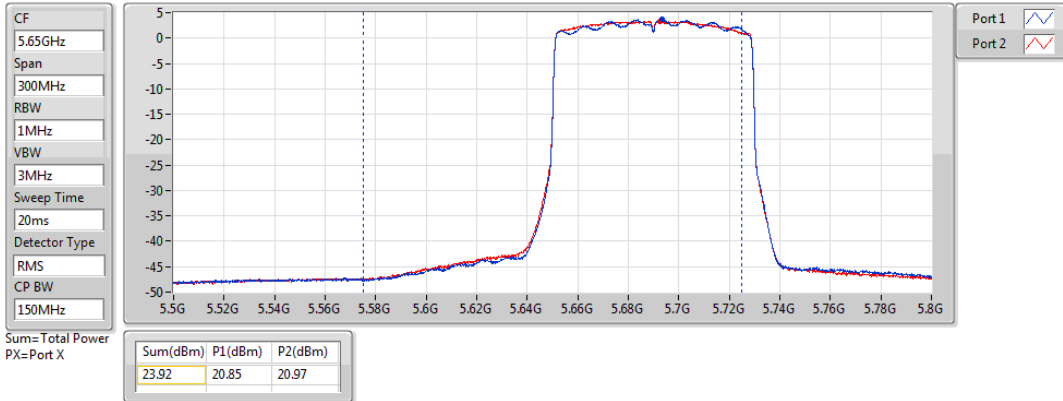


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

01/08/2019

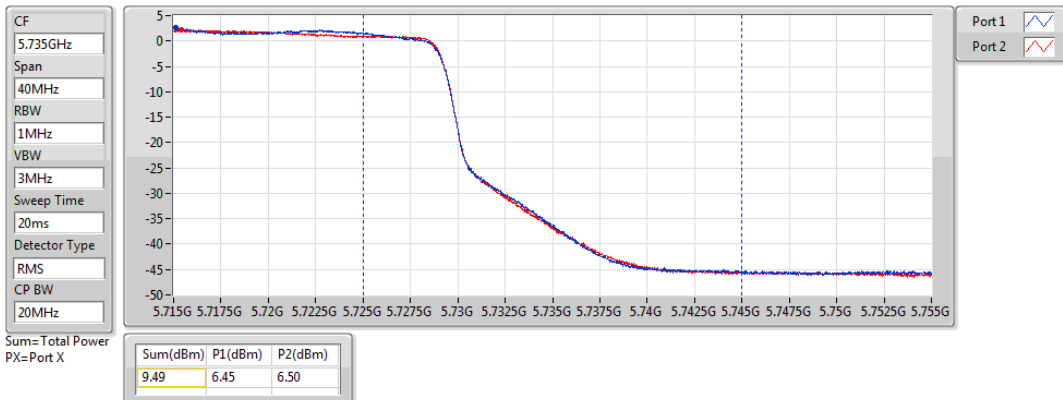


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

01/08/2019



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	19.98	0.09954
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	19.93	0.09840
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.83	0.09616
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.48	0.11169
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	20.43	0.11041
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.43	0.11041
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	13.80	0.02399
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.63	0.00918
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	6.08	0.00406



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	9.38	16.72	17.09	19.92	20.60
5300MHz	Pass	9.38	16.95	16.82	19.90	20.60
5320MHz	Pass	9.38	17.10	16.84	19.98	20.60
5500MHz	Pass	9.38	17.45	17.27	20.37	20.60
5580MHz	Pass	9.38	17.51	17.42	20.48	20.60
5700MHz	Pass	9.38	16.88	16.94	19.92	20.60
5720MHz Straddle 5.47-5.725GHz	Pass	9.38	16.36	16.39	19.39	19.65
5720MHz Straddle 5.725-5.85GHz	Pass	9.38	10.84	10.73	13.80	26.62
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	9.38	16.57	17.25	19.93	20.60
5310MHz	Pass	9.38	16.96	16.85	19.92	20.60
5510MHz	Pass	9.38	17.42	17.25	20.35	20.60
5550MHz	Pass	9.38	17.58	17.25	20.43	20.60
5670MHz	Pass	9.38	16.83	17.05	19.95	20.60
5710MHz Straddle 5.47-5.725GHz	Pass	9.38	16.78	17.13	19.97	20.60
5710MHz Straddle 5.725-5.85GHz	Pass	9.38	6.52	6.72	9.63	26.62
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	9.38	16.76	16.87	19.83	20.60
5530MHz	Pass	9.38	17.30	17.18	20.25	20.60
5610MHz	Pass	9.38	17.62	17.22	20.43	20.60
5690MHz Straddle 5.47-5.725GHz	Pass	9.38	17.36	17.40	20.39	20.60
5690MHz Straddle 5.725-5.85GHz	Pass	9.38	3.49	2.61	6.08	26.62

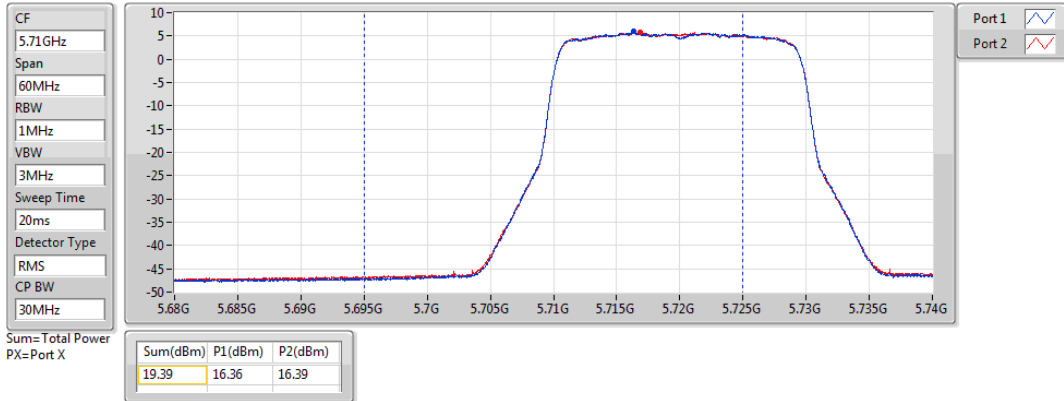
DG = Directional Gain; **Port X** = Port X output power

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/08/2019

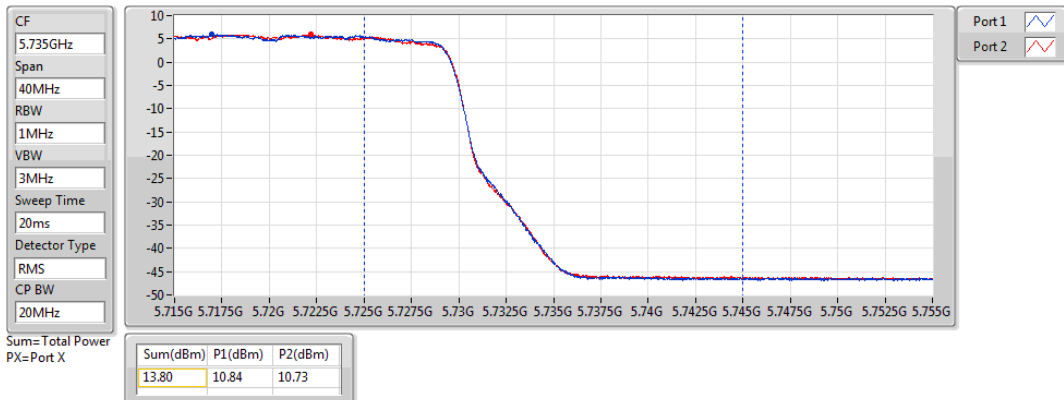


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/08/2019

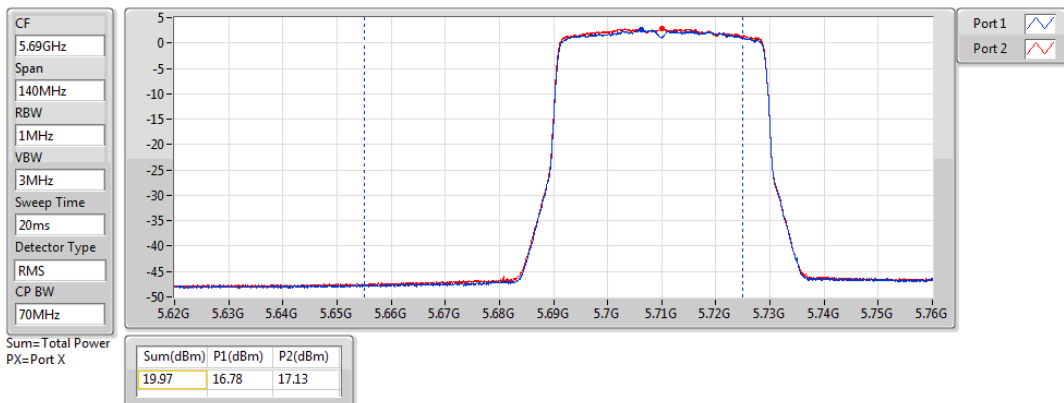


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/08/2019

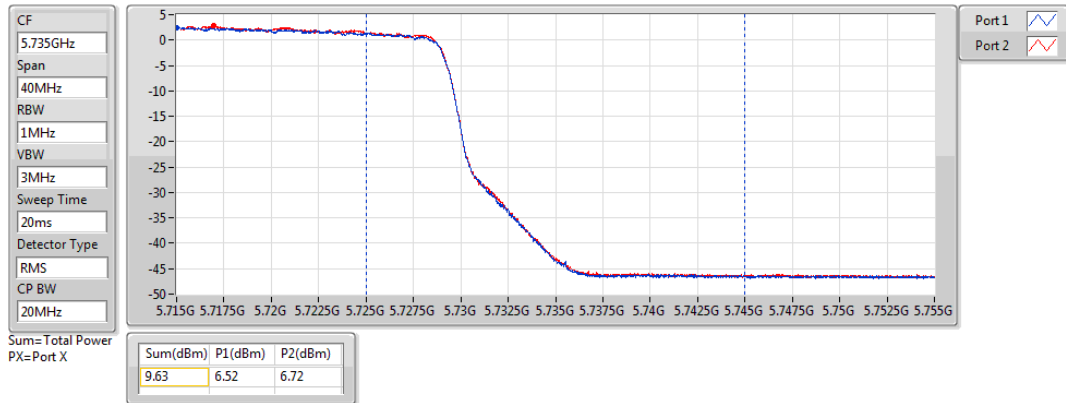


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

06/08/2019

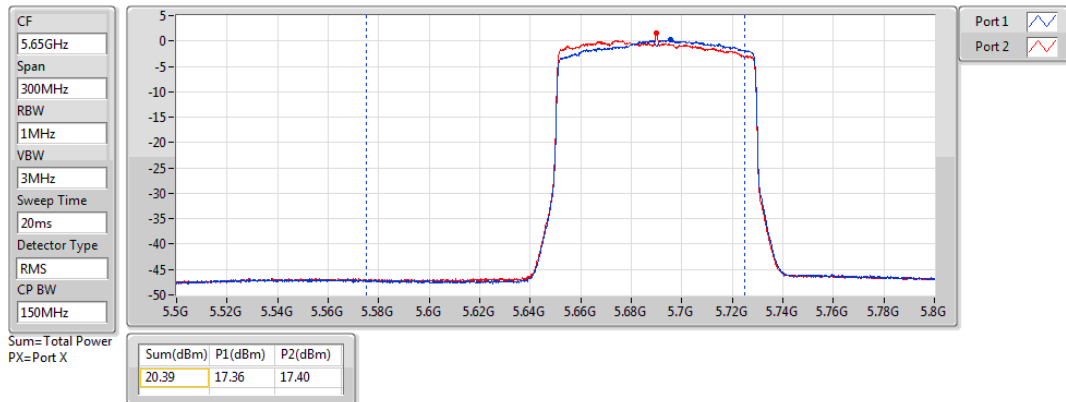


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

06/08/2019

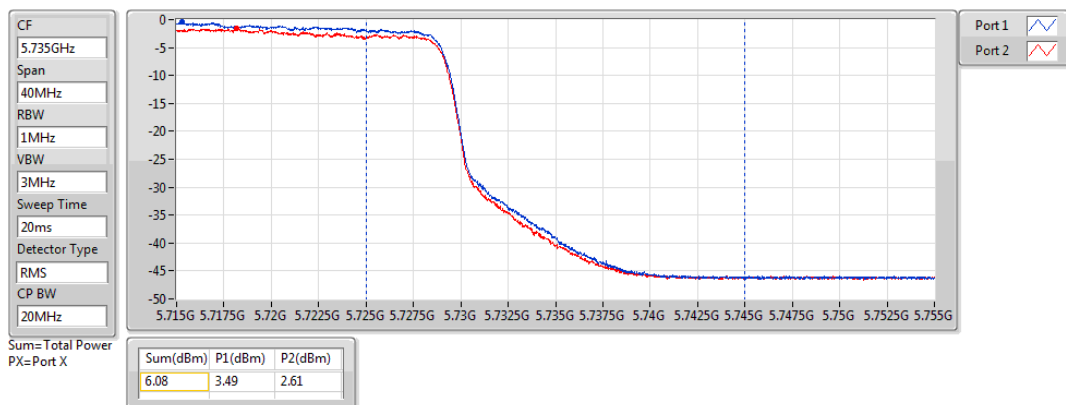


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

06/08/2019



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	18.09	0.06442
802.11ax HEW20_Nss1,(MCS0)_4TX	18.82	0.07621
802.11ax HEW40_Nss1,(MCS0)_4TX	21.48	0.14060
802.11ax HEW80_Nss1,(MCS0)_4TX	23.91	0.24604
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	18.17	0.06561
802.11ax HEW20_Nss1,(MCS0)_4TX	18.77	0.07534
802.11ax HEW40_Nss1,(MCS0)_4TX	21.34	0.13614
802.11ax HEW80_Nss1,(MCS0)_4TX	23.97	0.24946
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.41	0.01099
802.11ax HEW20_Nss1,(MCS0)_4TX	11.79	0.01510
802.11ax HEW40_Nss1,(MCS0)_4TX	10.29	0.01069
802.11ax HEW80_Nss1,(MCS0)_4TX	9.06	0.00805



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.69	11.39	11.68	11.95	12.94	18.05	23.98
5300MHz	Pass	5.69	11.36	11.54	11.89	12.73	17.93	23.98
5320MHz	Pass	5.69	11.65	11.64	12.03	12.84	18.09	23.98
5500MHz	Pass	5.69	11.47	11.51	11.88	12.83	17.98	23.98
5580MHz	Pass	5.69	11.65	11.72	12.34	12.77	18.17	23.98
5700MHz	Pass	5.69	11.49	11.75	12.00	12.49	17.97	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.69	10.90	10.93	10.89	11.85	17.18	22.81
5720MHz Straddle 5.725-5.85GHz	Pass	5.69	3.39	4.25	5.01	4.72	10.41	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	5.69	12.07	12.37	12.96	13.62	18.82	23.98
5300MHz	Pass	5.69	11.90	12.15	12.58	13.50	18.60	23.98
5320MHz	Pass	5.69	12.29	12.24	12.69	13.47	18.72	23.98
5500MHz	Pass	5.69	12.19	12.03	12.72	13.24	18.59	23.98
5580MHz	Pass	5.69	12.20	12.23	12.82	13.59	18.77	23.98
5700MHz	Pass	5.69	12.21	12.42	12.69	13.10	18.64	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	5.69	11.33	11.49	11.73	12.27	17.74	23.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.69	5.20	5.37	6.19	6.21	11.79	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	5.69	14.34	14.74	15.15	15.97	21.11	23.98
5310MHz	Pass	5.69	14.87	14.97	15.54	16.32	21.48	23.98
5510MHz	Pass	5.69	14.66	14.79	15.47	15.82	21.23	23.98
5550MHz	Pass	5.69	14.70	14.95	15.55	15.97	21.34	23.98
5670MHz	Pass	5.69	14.77	15.02	15.40	15.80	21.29	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	5.69	14.32	14.77	15.01	15.53	20.95	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	5.69	3.81	3.77	3.88	5.39	10.29	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	5.69	17.40	17.41	17.73	18.86	23.91	23.98
5530MHz	Pass	5.69	17.31	17.48	18.12	18.67	23.95	23.98
5610MHz	Pass	5.69	17.44	17.58	18.12	18.57	23.97	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	5.69	17.19	17.42	17.66	18.27	23.67	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	5.69	2.88	2.48	2.53	4.08	9.06	30.00

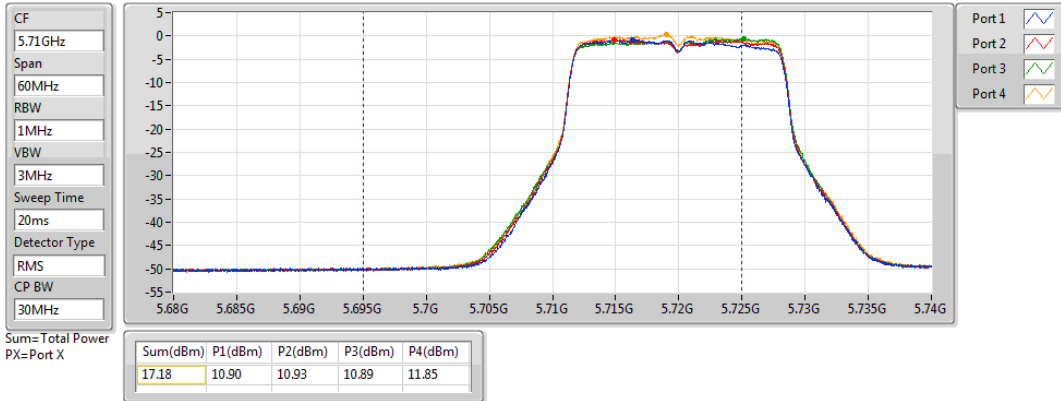
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

31/07/2019

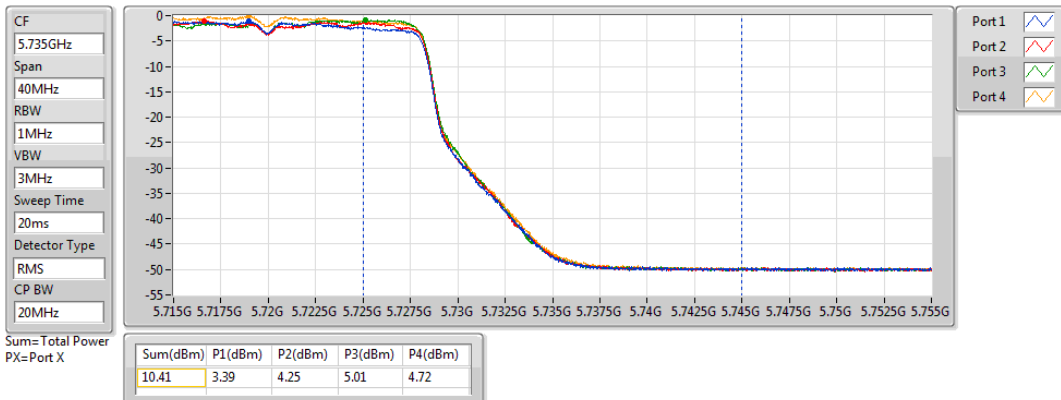


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

31/07/2019

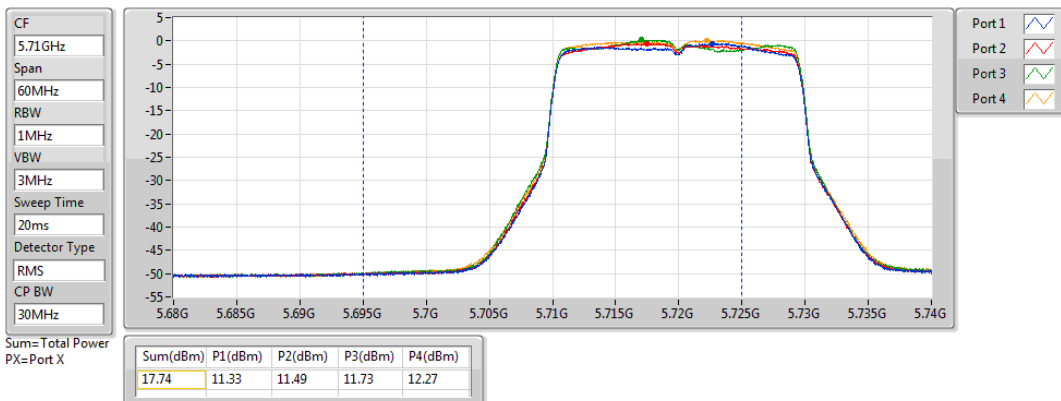


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

01/08/2019

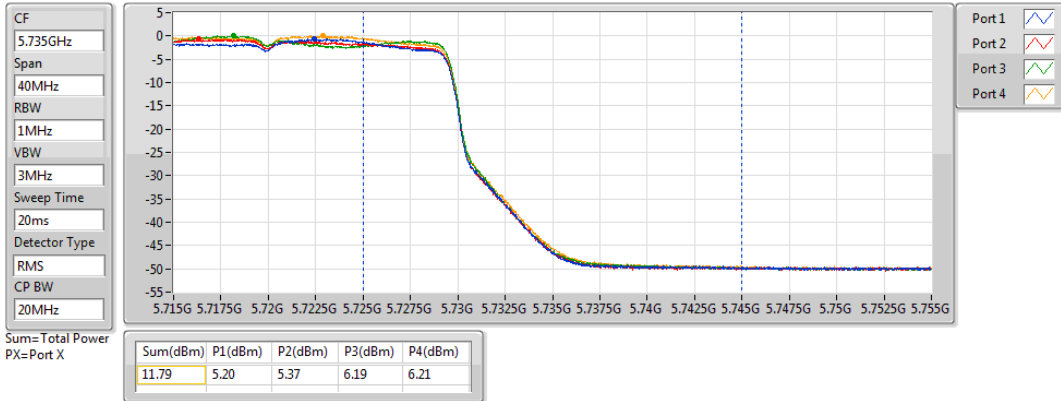


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

01/08/2019

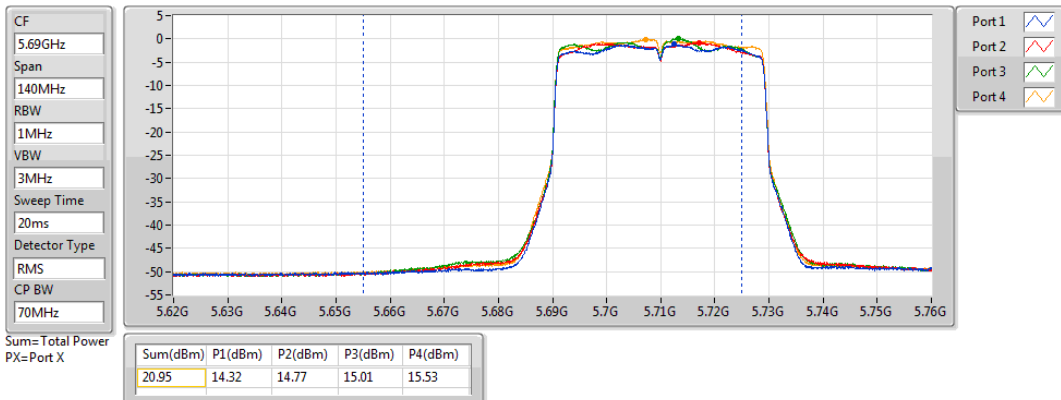


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

01/08/2019

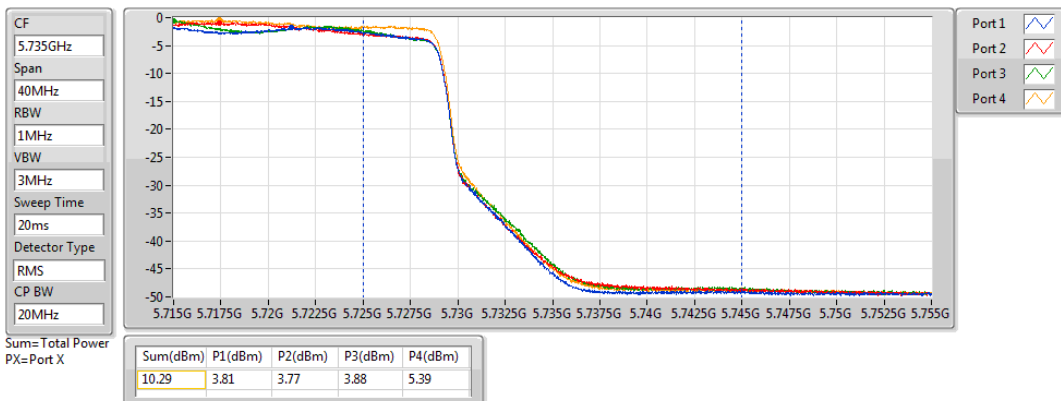


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

01/08/2019

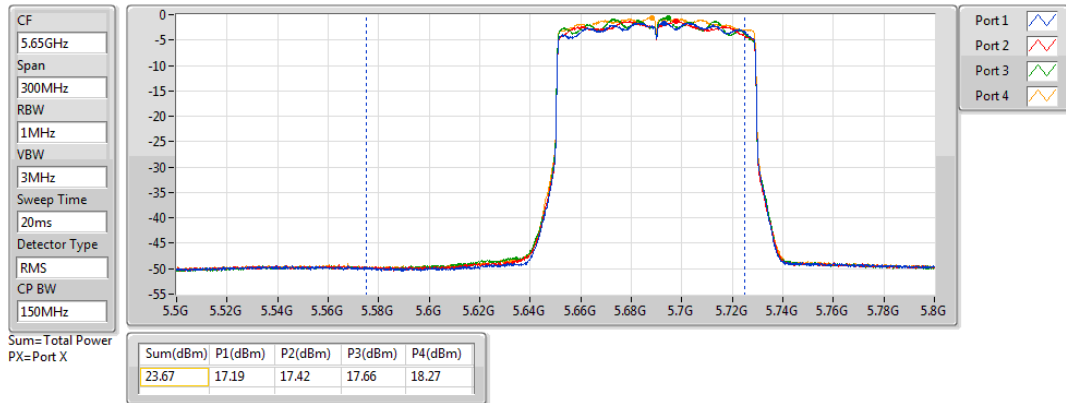


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

01/08/2019

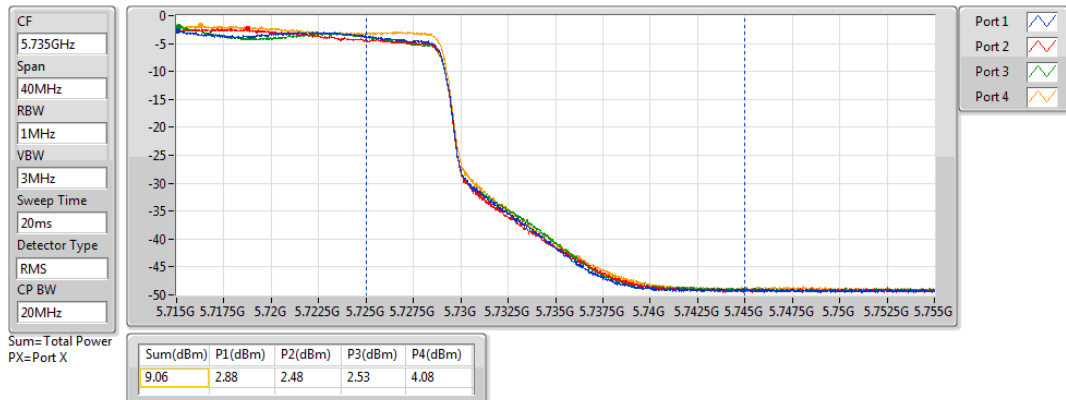


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

01/08/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.59	0.05741
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	17.78	0.05998
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.62	0.05781
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.66	0.05834
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	17.97	0.06266
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.62	0.05781
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	10.96	0.01247
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.77	0.00598
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.73	0.00187



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.70	11.36	11.28	11.56	11.93	17.56	18.28
5300MHz	Pass	11.70	11.57	11.21	11.39	11.69	17.49	18.28
5320MHz	Pass	11.70	11.74	11.17	11.26	12.04	17.59	18.28
5500MHz	Pass	11.70	11.42	11.14	11.33	11.89	17.47	18.28
5580MHz	Pass	11.70	11.27	11.36	11.45	12.11	17.58	18.28
5700MHz	Pass	11.70	11.57	11.66	11.03	12.23	17.66	18.28
5720MHz Straddle 5.47-5.725GHz	Pass	11.70	10.57	10.30	10.03	11.18	16.56	17.26
5720MHz Straddle 5.725-5.85GHz	Pass	11.70	4.93	4.52	4.41	5.75	10.96	24.30
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.70	11.27	11.42	11.75	12.48	17.78	18.28
5310MHz	Pass	11.70	11.64	11.15	11.94	12.11	17.75	18.28
5510MHz	Pass	11.70	11.21	11.81	11.96	12.05	17.79	18.28
5550MHz	Pass	11.70	11.04	11.62	11.24	11.86	17.47	18.28
5670MHz	Pass	11.70	11.79	11.61	11.19	12.65	17.86	18.28
5710MHz Straddle 5.47-5.725GHz	Pass	11.70	11.91	11.53	11.27	12.90	17.97	18.28
5710MHz Straddle 5.725-5.85GHz	Pass	11.70	1.73	1.23	0.92	2.86	7.77	24.30
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.70	11.62	11.16	11.65	11.93	17.62	18.28
5530MHz	Pass	11.70	11.33	11.51	11.27	12.23	17.62	18.28
5610MHz	Pass	11.70	11.60	11.30	11.05	12.20	17.58	18.28
5690MHz Straddle 5.47-5.725GHz	Pass	11.70	11.32	11.06	10.82	12.25	17.42	18.28
5690MHz Straddle 5.725-5.85GHz	Pass	11.70	-3.05	-3.91	-4.01	-2.41	2.73	24.30

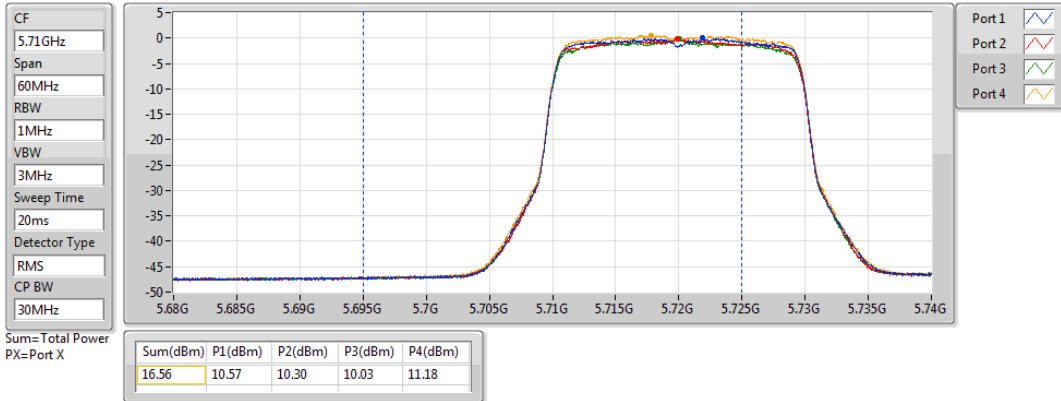
DG = Directional Gain; **Port X** = Port X output power

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

05/08/2019

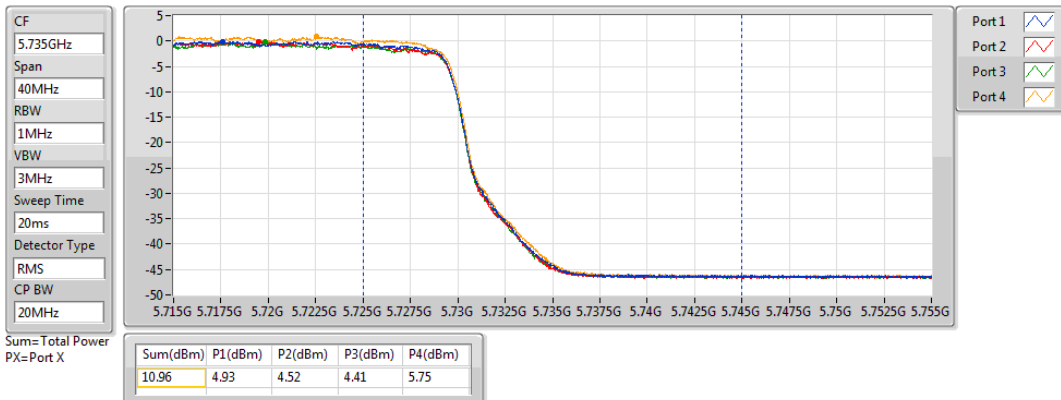


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

05/08/2019

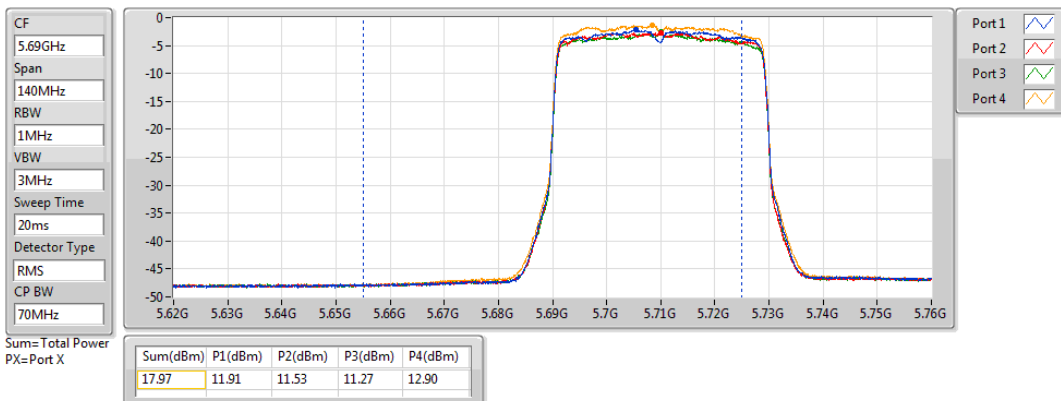


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

05/08/2019

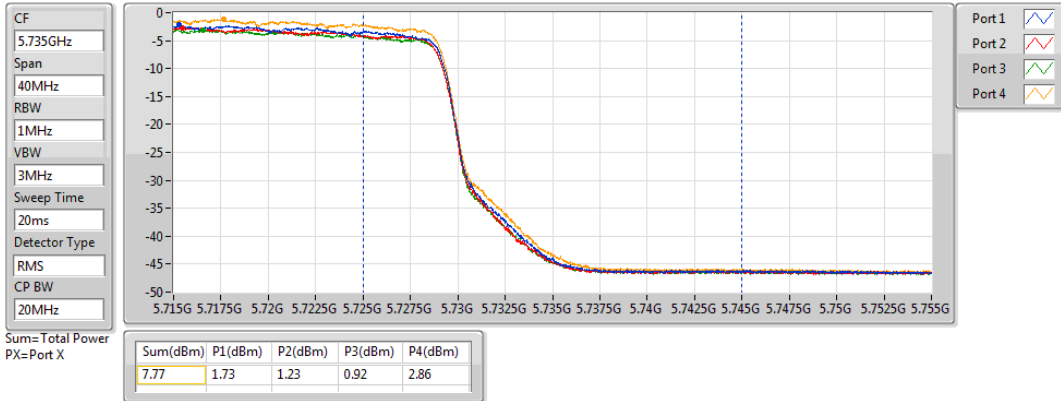


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

05/08/2019

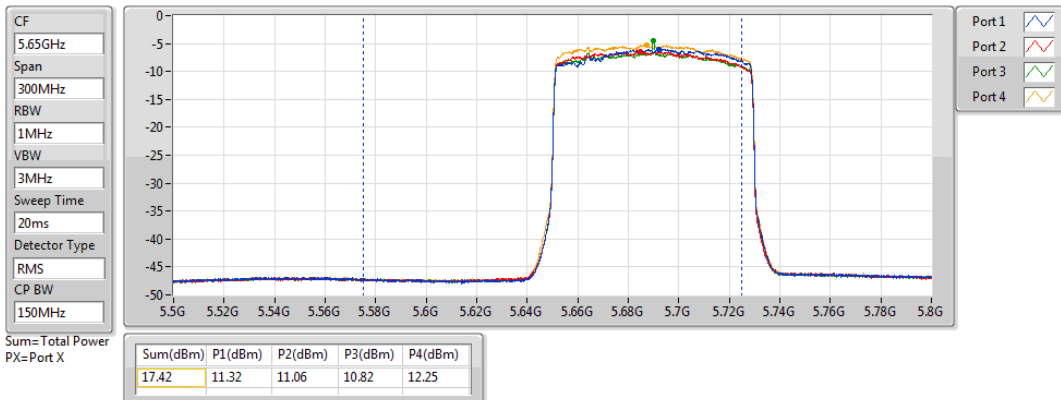


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

05/08/2019

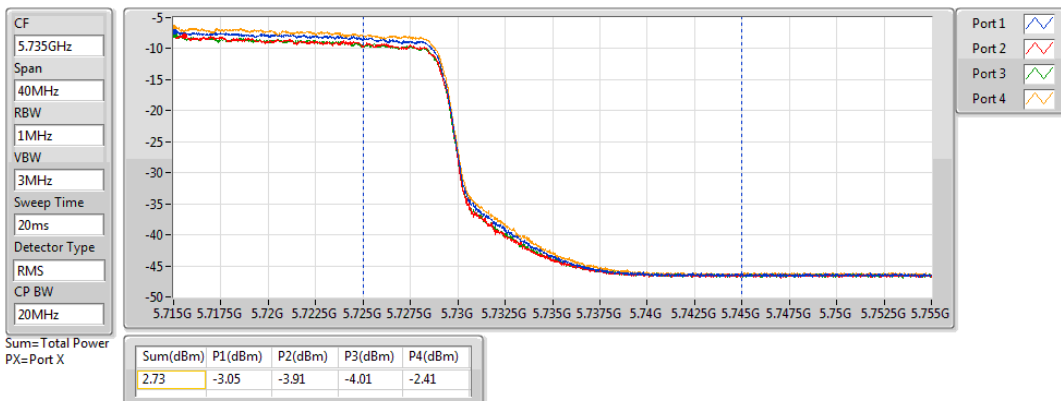


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

05/08/2019



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	20.69	0.11722
802.11ax HEW20_Nss1,(MCS0)_1TX	20.69	0.11722
802.11ax HEW40_Nss1,(MCS0)_1TX	20.69	0.11722
802.11ax HEW80_Nss1,(MCS0)_1TX	20.33	0.10789
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	20.57	0.11402
802.11ax HEW20_Nss1,(MCS0)_1TX	20.68	0.11695
802.11ax HEW40_Nss1,(MCS0)_1TX	20.69	0.11722
802.11ax HEW80_Nss1,(MCS0)_1TX	20.69	0.11722
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	12.54	0.01795
802.11ax HEW20_Nss1,(MCS0)_1TX	13.76	0.02377
802.11ax HEW40_Nss1,(MCS0)_1TX	10.03	0.01007
802.11ax HEW80_Nss1,(MCS0)_1TX	6.70	0.00468

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	9.27	20.57	20.57	20.71
5300MHz	Pass	9.27	20.69	20.69	20.71
5320MHz	Pass	9.27	20.38	20.38	20.71
5500MHz	Pass	9.27	20.57	20.57	20.71
5580MHz	Pass	9.27	20.47	20.47	20.71
5700MHz	Pass	9.27	20.31	20.31	20.71
5720MHz Straddle 5.47-5.725GHz	Pass	9.27	19.25	19.25	19.56
5720MHz Straddle 5.725-5.85GHz	Pass	9.27	12.54	12.54	26.73
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	9.27	20.46	20.46	20.71
5300MHz	Pass	9.27	20.57	20.57	20.71
5320MHz	Pass	9.27	20.69	20.69	20.71
5500MHz	Pass	9.27	20.41	20.41	20.71
5580MHz	Pass	9.27	20.68	20.68	20.71
5700MHz	Pass	9.27	20.56	20.56	20.71
5720MHz Straddle 5.47-5.725GHz	Pass	9.27	19.47	19.47	19.78
5720MHz Straddle 5.725-5.85GHz	Pass	9.27	13.76	13.76	26.73
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	9.27	20.65	20.65	20.71
5310MHz	Pass	9.27	20.69	20.69	20.71
5510MHz	Pass	9.27	20.46	20.46	20.71
5550MHz	Pass	9.27	20.63	20.63	20.71
5670MHz	Pass	9.27	20.69	20.69	20.71
5710MHz Straddle 5.47-5.725GHz	Pass	9.27	20.34	20.34	20.71
5710MHz Straddle 5.725-5.85GHz	Pass	9.27	10.03	10.03	26.73
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	9.27	20.33	20.33	20.71
5530MHz	Pass	9.27	20.69	20.69	20.71
5610MHz	Pass	9.27	20.46	20.46	20.71
5690MHz Straddle 5.47-5.725GHz	Pass	9.27	20.69	20.69	20.71
5690MHz Straddle 5.725-5.85GHz	Pass	9.27	6.70	6.70	26.73

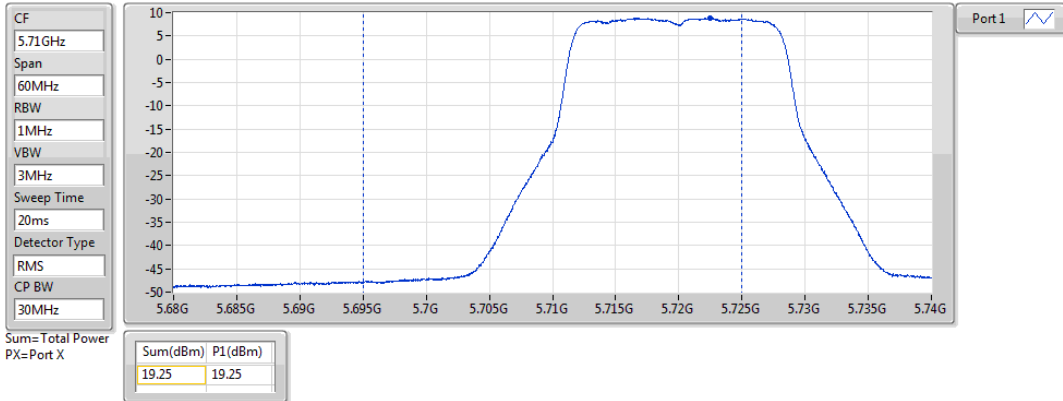
DG = Directional Gain; **Port X** = Port X output power

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/08/2019

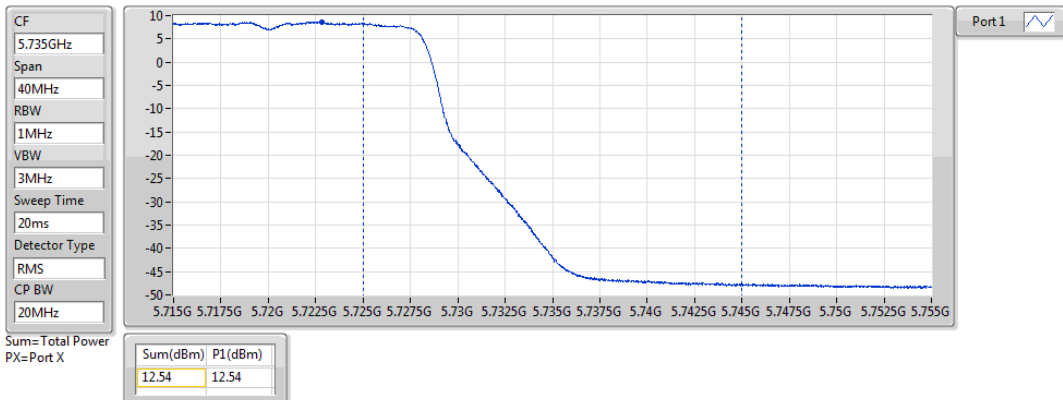


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/08/2019

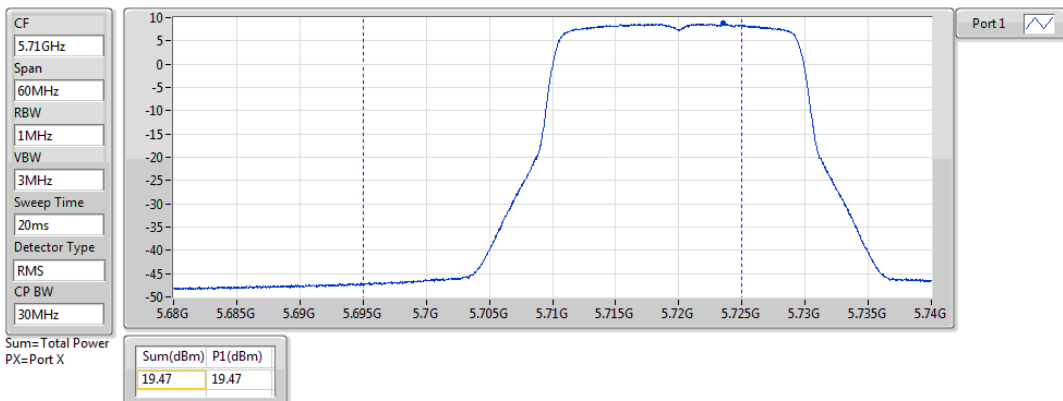


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

02/08/2019

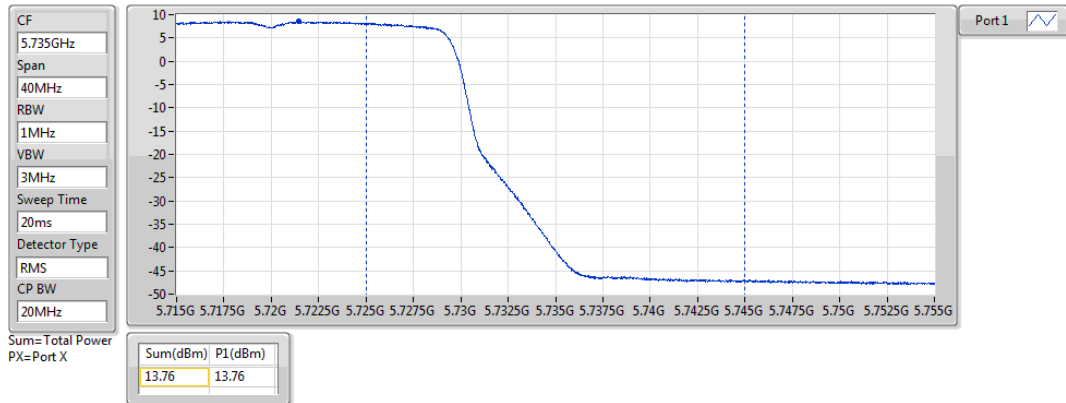


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

02/08/2019

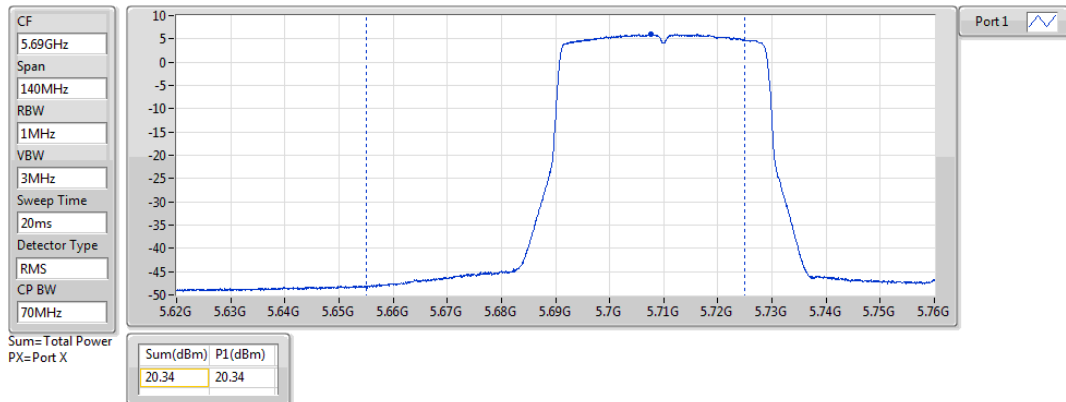


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

02/08/2019

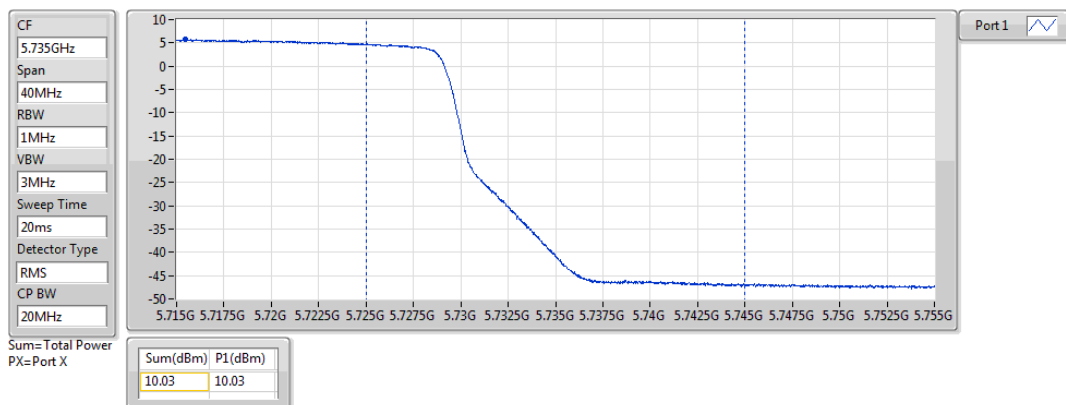


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

02/08/2019

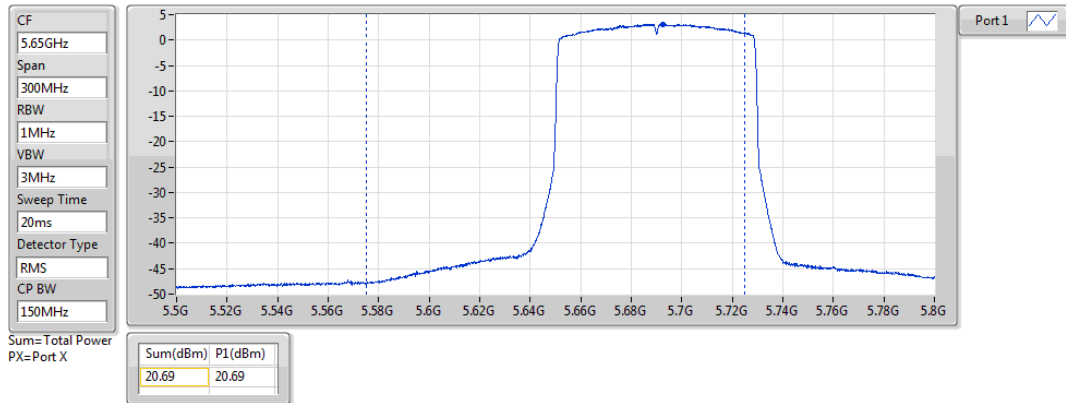


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

02/08/2019

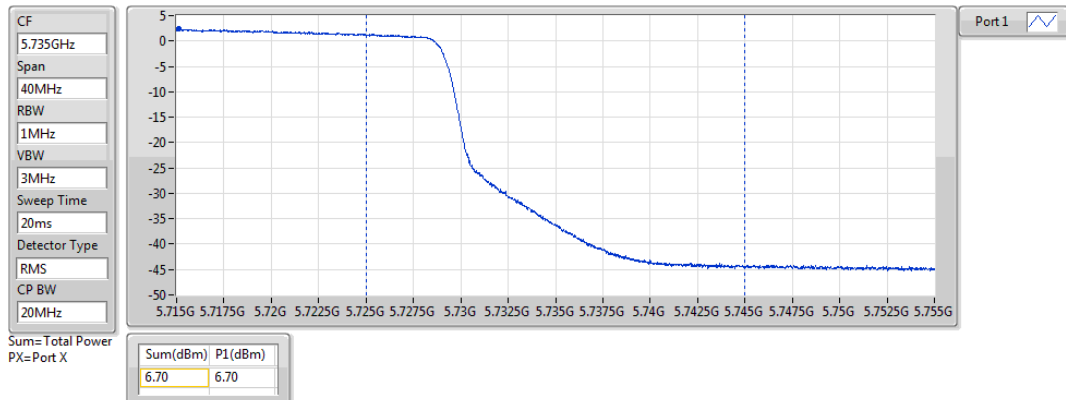


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

02/08/2019



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	15.96	0.03945
802.11ax HEW20_Nss1,(MCS0)_2TX	16.46	0.04426
802.11ax HEW40_Nss1,(MCS0)_2TX	19.38	0.08670
802.11ax HEW80_Nss1,(MCS0)_2TX	19.66	0.09247
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	16.08	0.04055
802.11ax HEW20_Nss1,(MCS0)_2TX	16.82	0.04808
802.11ax HEW40_Nss1,(MCS0)_2TX	19.82	0.09594
802.11ax HEW80_Nss1,(MCS0)_2TX	19.82	0.09594
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	8.16	0.00655
802.11ax HEW20_Nss1,(MCS0)_2TX	9.77	0.00948
802.11ax HEW40_Nss1,(MCS0)_2TX	8.70	0.00741
802.11ax HEW80_Nss1,(MCS0)_2TX	5.30	0.00339

**Result**

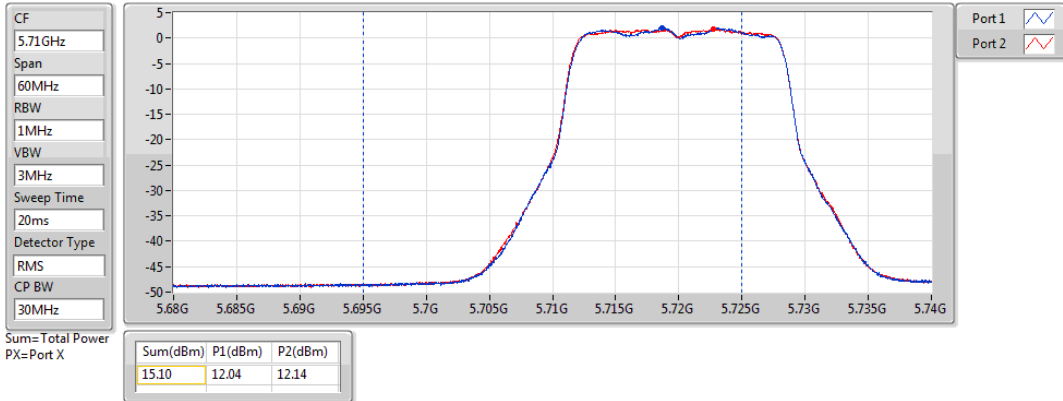
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	10.14	12.80	12.98	15.90	19.84
5300MHz	Pass	10.14	12.81	12.93	15.88	19.84
5320MHz	Pass	10.14	13.02	12.87	15.96	19.84
5500MHz	Pass	10.14	12.88	12.94	15.92	19.84
5580MHz	Pass	10.14	12.95	13.08	16.03	19.84
5700MHz	Pass	10.14	12.97	13.16	16.08	19.84
5720MHz Straddle 5.47-5.725GHz	Pass	10.14	12.04	12.14	15.10	18.67
5720MHz Straddle 5.725-5.85GHz	Pass	10.14	5.01	5.28	8.16	25.86
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	10.14	13.23	13.54	16.40	19.84
5300MHz	Pass	10.14	13.29	13.40	16.36	19.84
5320MHz	Pass	10.14	13.42	13.48	16.46	19.84
5500MHz	Pass	10.14	13.72	13.90	16.82	19.84
5580MHz	Pass	10.14	13.59	13.53	16.57	19.84
5700MHz	Pass	10.14	13.42	13.61	16.53	19.84
5720MHz Straddle 5.47-5.725GHz	Pass	10.14	12.64	12.73	15.70	18.82
5720MHz Straddle 5.725-5.85GHz	Pass	10.14	6.50	7.01	9.77	25.86
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	10.14	16.23	16.42	19.34	19.84
5310MHz	Pass	10.14	16.30	16.43	19.38	19.84
5510MHz	Pass	10.14	16.68	16.81	19.76	19.84
5550MHz	Pass	10.14	16.74	16.87	19.82	19.84
5670MHz	Pass	10.14	16.35	16.74	19.56	19.84
5710MHz Straddle 5.47-5.725GHz	Pass	10.14	15.98	16.54	19.28	19.84
5710MHz Straddle 5.725-5.85GHz	Pass	10.14	5.31	6.04	8.70	25.86
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	10.14	16.68	16.61	19.66	19.84
5530MHz	Pass	10.14	16.61	16.75	19.69	19.84
5610MHz	Pass	10.14	16.75	16.87	19.82	19.84
5690MHz Straddle 5.47-5.725GHz	Pass	10.14	16.62	16.88	19.76	19.84
5690MHz Straddle 5.725-5.85GHz	Pass	10.14	2.17	2.41	5.30	25.86

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

802.11a_Nss1,(6Mbps)_2TX

AV Power

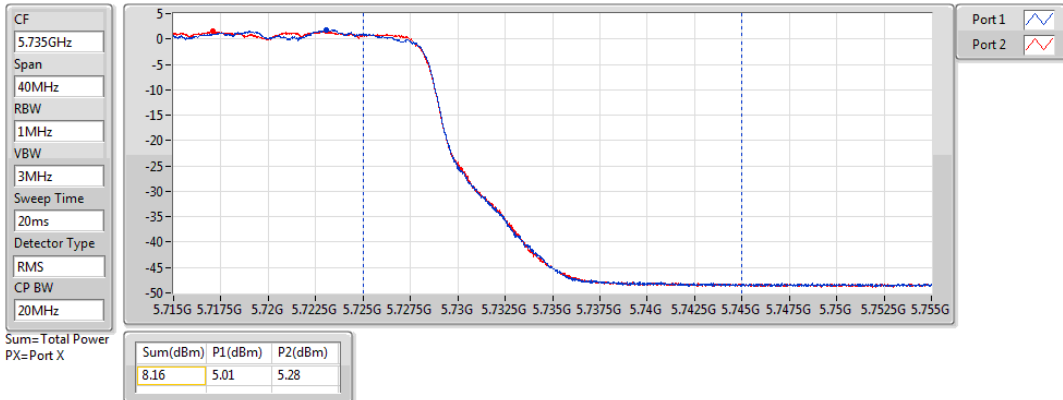
5720MHz Straddle 5.47-5.725GHz



802.11a_Nss1,(6Mbps)_2TX

AV Power

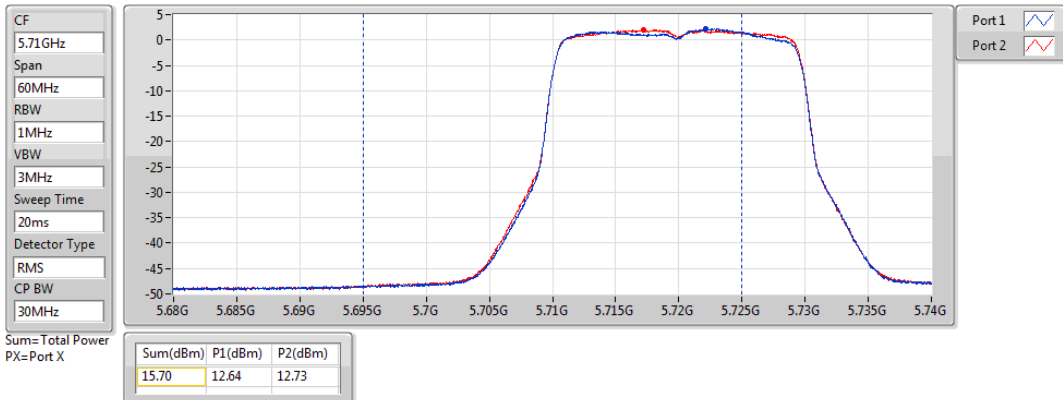
5720MHz Straddle 5.725-5.85GHz



802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

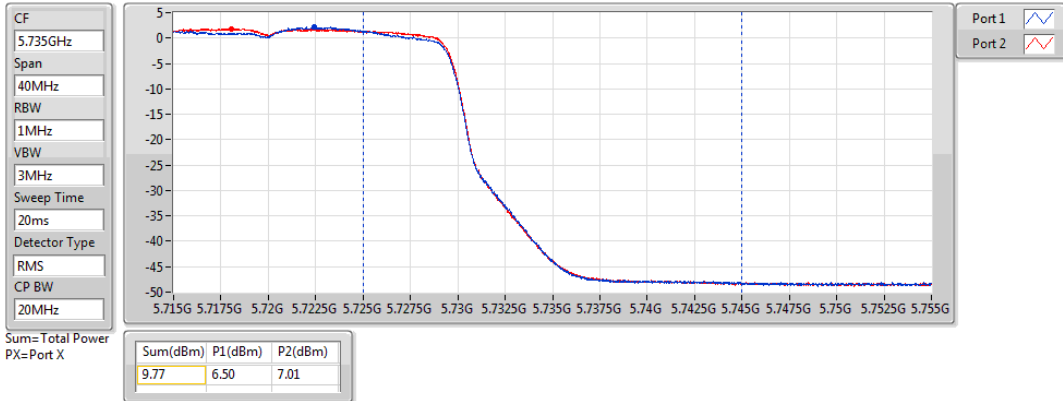


802.11ax HEW20_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

01/08/2019

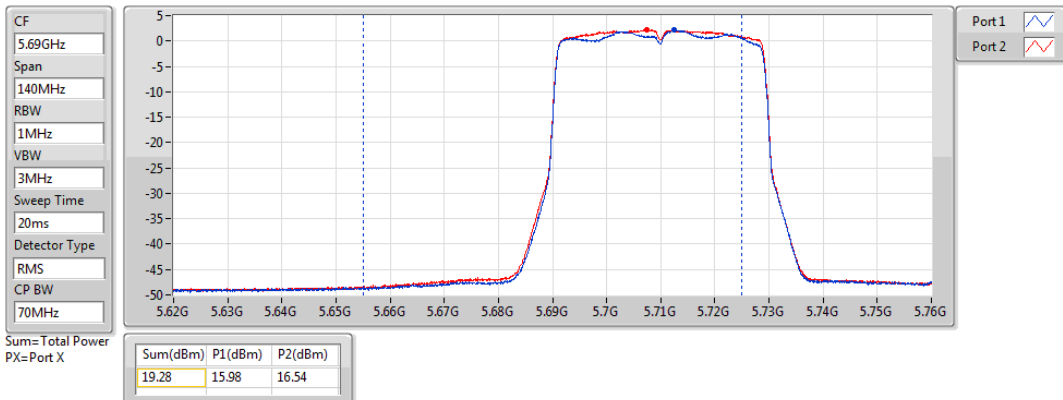


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

01/08/2019

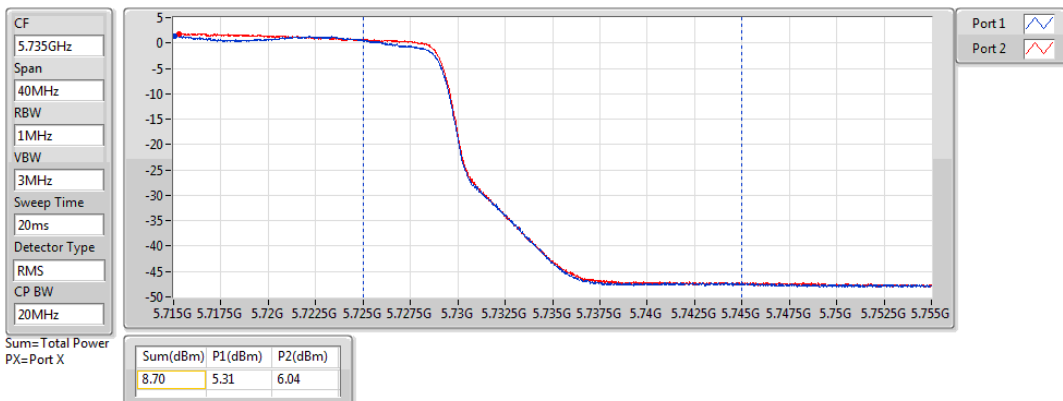


802.11ax HEW40_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

01/08/2019

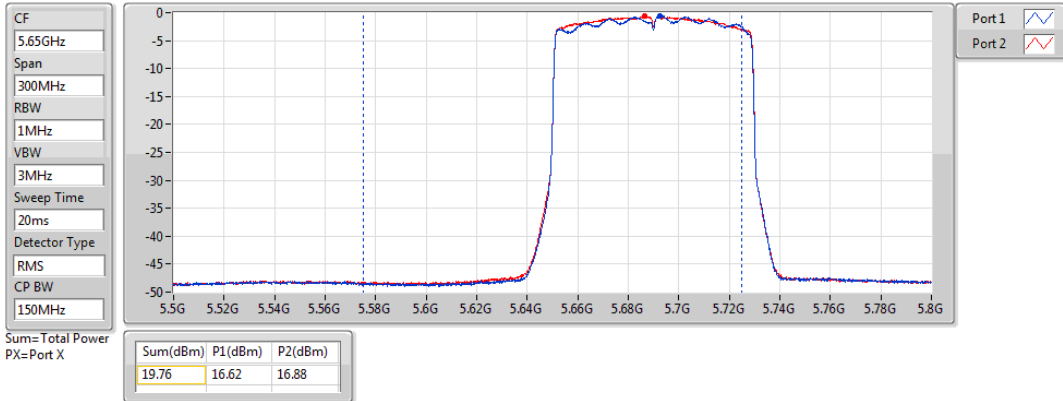


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

01/08/2019

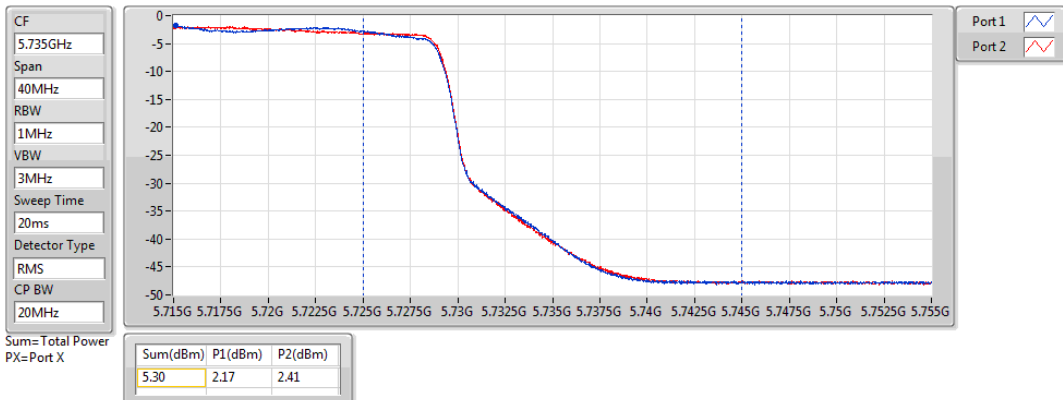


802.11ax HEW80_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

01/08/2019



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	15.96	0.03945
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	16.03	0.04009
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.80	0.03802
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	16.42	0.04385
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	16.39	0.04355
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.41	0.04375
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	9.59	0.00910
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.34	0.00342
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	1.91	0.00155



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	13.42	12.49	13.19	15.86	16.56
5300MHz	Pass	13.42	12.94	12.85	15.91	16.56
5320MHz	Pass	13.42	12.96	12.93	15.96	16.56
5500MHz	Pass	13.42	13.39	13.08	16.25	16.56
5580MHz	Pass	13.42	13.51	13.30	16.42	16.56
5700MHz	Pass	13.42	12.98	12.85	15.93	16.56
5720MHz Straddle 5.47-5.725GHz	Pass	13.42	12.23	12.32	15.29	15.61
5720MHz Straddle 5.725-5.85GHz	Pass	13.42	6.61	6.54	9.59	22.58
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	13.42	12.58	13.42	16.03	16.56
5310MHz	Pass	13.42	12.83	12.89	15.87	16.56
5510MHz	Pass	13.42	13.48	13.27	16.39	16.56
5550MHz	Pass	13.42	13.42	13.20	16.32	16.56
5670MHz	Pass	13.42	12.84	12.89	15.88	16.56
5710MHz Straddle 5.47-5.725GHz	Pass	13.42	12.84	12.97	15.92	16.56
5710MHz Straddle 5.725-5.85GHz	Pass	13.42	2.29	2.36	5.34	22.58
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	13.42	12.72	12.85	15.80	16.56
5530MHz	Pass	13.42	13.32	13.18	16.26	16.56
5610MHz	Pass	13.42	13.56	13.23	16.41	16.56
5690MHz Straddle 5.47-5.725GHz	Pass	13.42	13.23	13.13	16.19	16.56
5690MHz Straddle 5.725-5.85GHz	Pass	13.42	-0.55	-1.72	1.91	22.58

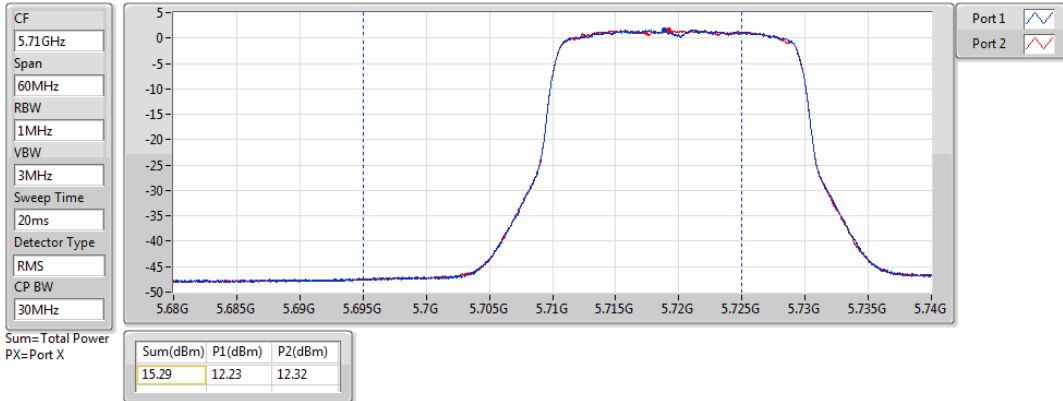
DG = Directional Gain; **Port X** = Port X output power

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/08/2019

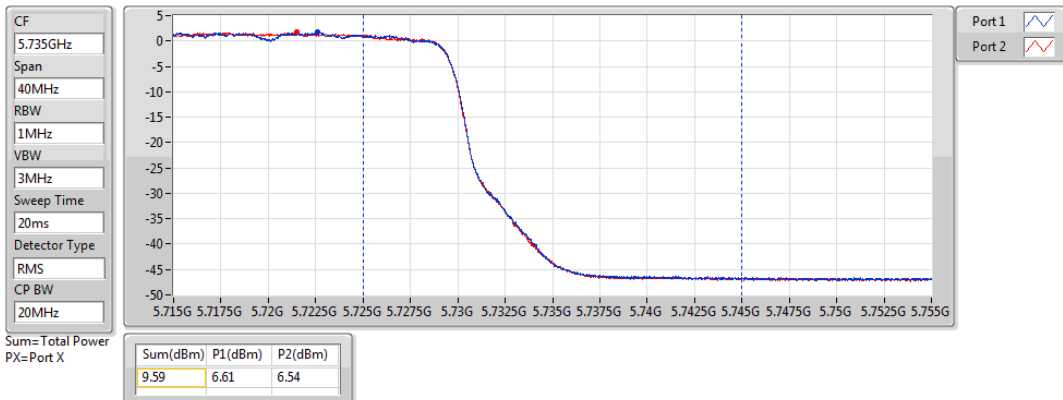


802.11ax HEW20-BF_Nss1,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/08/2019

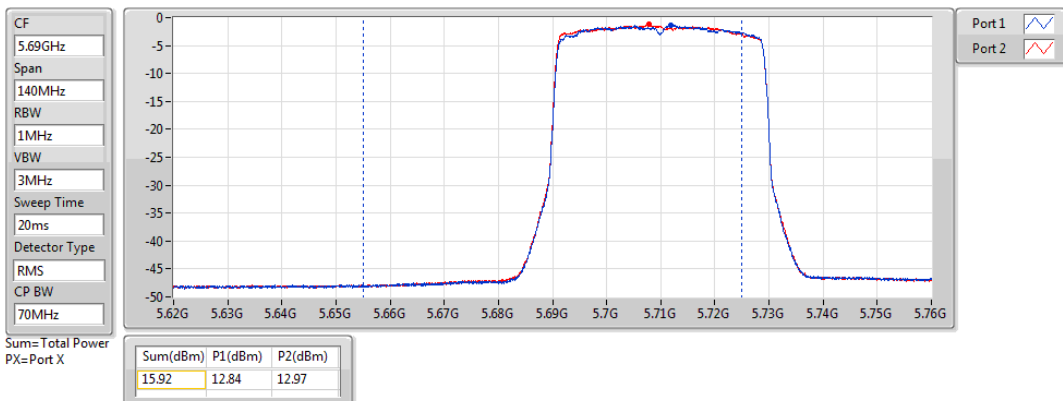


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/08/2019

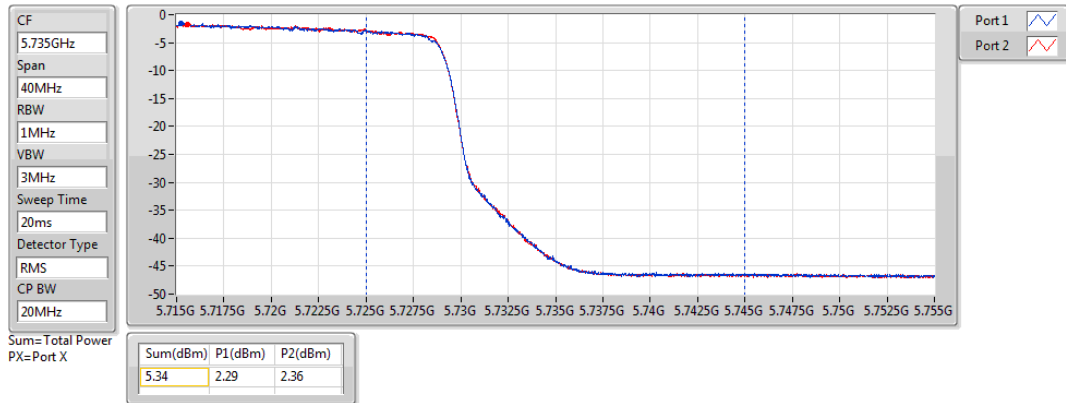


802.11ax HEW40-BF_Nss1,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

06/08/2019

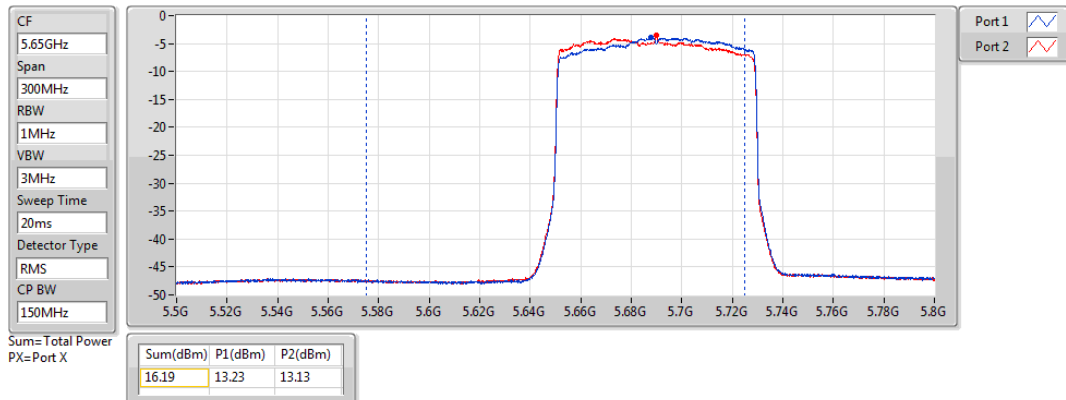


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

06/08/2019

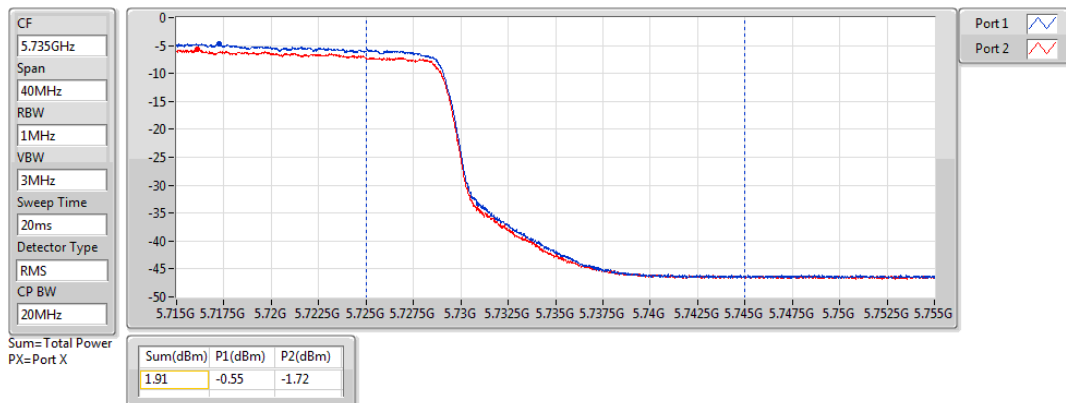


802.11ax HEW80-BF_Nss1,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

06/08/2019



Summary

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.40	0.02188
802.11ax HEW20_Nss1,(MCS0)_4TX	13.74	0.02366
802.11ax HEW40_Nss1,(MCS0)_4TX	16.76	0.04742
802.11ax HEW80_Nss1,(MCS0)_4TX	19.44	0.08790
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.41	0.02193
802.11ax HEW20_Nss1,(MCS0)_4TX	13.69	0.02339
802.11ax HEW40_Nss1,(MCS0)_4TX	16.88	0.04875
802.11ax HEW80_Nss1,(MCS0)_4TX	19.66	0.09247
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	6.11	0.00408
802.11ax HEW20_Nss1,(MCS0)_4TX	7.10	0.00513
802.11ax HEW40_Nss1,(MCS0)_4TX	5.86	0.00385
802.11ax HEW80_Nss1,(MCS0)_4TX	4.87	0.00307



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.19	6.79	6.88	7.42	8.16	13.37	19.79
5300MHz	Pass	10.19	6.66	6.86	7.31	8.20	13.32	19.79
5320MHz	Pass	10.19	6.97	6.94	7.39	8.10	13.40	19.79
5500MHz	Pass	10.19	6.79	6.91	7.40	8.21	13.38	19.79
5580MHz	Pass	10.19	6.96	6.93	7.54	8.04	13.41	19.79
5700MHz	Pass	10.19	6.73	7.14	7.33	7.79	13.28	19.79
5720MHz Straddle 5.47-5.725GHz	Pass	10.19	6.25	6.44	6.21	7.16	12.55	18.63
5720MHz Straddle 5.725-5.85GHz	Pass	10.19	-0.99	0.08	0.67	0.42	6.11	25.81
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.19	6.96	7.36	7.86	8.53	13.74	19.79
5300MHz	Pass	10.19	7.03	7.11	7.61	8.47	13.61	19.79
5320MHz	Pass	10.19	7.18	7.21	7.53	8.46	13.65	19.79
5500MHz	Pass	10.19	6.99	7.06	7.77	8.04	13.51	19.79
5580MHz	Pass	10.19	7.07	7.14	7.91	8.40	13.69	19.79
5700MHz	Pass	10.19	7.43	7.52	7.50	8.11	13.67	19.79
5720MHz Straddle 5.47-5.725GHz	Pass	10.19	6.50	6.63	6.78	7.17	12.80	18.82
5720MHz Straddle 5.725-5.85GHz	Pass	10.19	0.66	0.72	1.48	1.38	7.10	25.81
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.19	10.00	10.36	10.26	11.72	16.66	19.79
5310MHz	Pass	10.19	10.35	10.21	10.82	11.48	16.76	19.79
5510MHz	Pass	10.19	10.22	10.23	11.00	11.42	16.77	19.79
5550MHz	Pass	10.19	10.29	10.48	11.04	11.51	16.88	19.79
5670MHz	Pass	10.19	10.29	10.55	10.76	11.40	16.79	19.79
5710MHz Straddle 5.47-5.725GHz	Pass	10.19	10.04	10.17	10.52	11.11	16.50	19.79
5710MHz Straddle 5.725-5.85GHz	Pass	10.19	-0.44	-0.84	-0.59	0.98	5.86	25.81
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.19	12.77	12.94	13.52	14.28	19.44	19.79
5530MHz	Pass	10.19	12.83	12.99	13.91	14.09	19.51	19.79
5610MHz	Pass	10.19	12.96	13.10	13.64	14.25	19.54	19.79
5690MHz Straddle 5.47-5.725GHz	Pass	10.19	13.18	13.25	13.84	14.22	19.66	19.79
5690MHz Straddle 5.725-5.85GHz	Pass	10.19	-1.26	-1.92	-1.48	-0.15	4.87	25.81

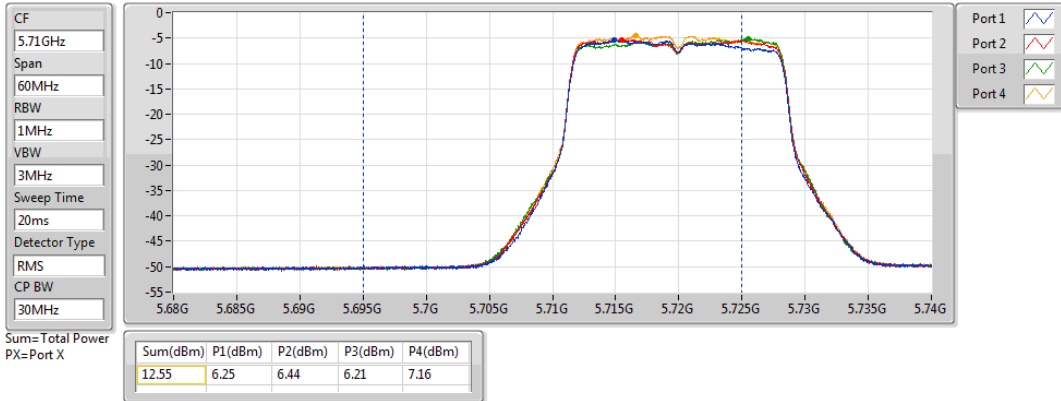
DG = Directional Gain; Port X = Port X output power

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

31/07/2019

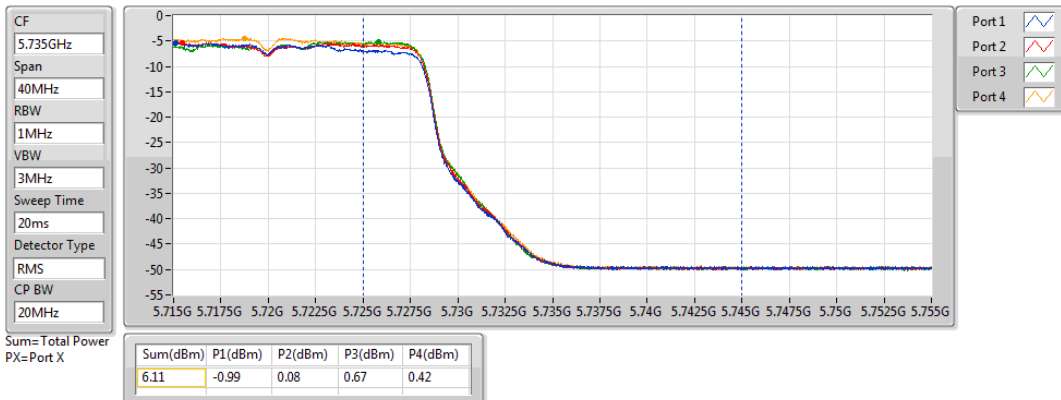


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

31/07/2019

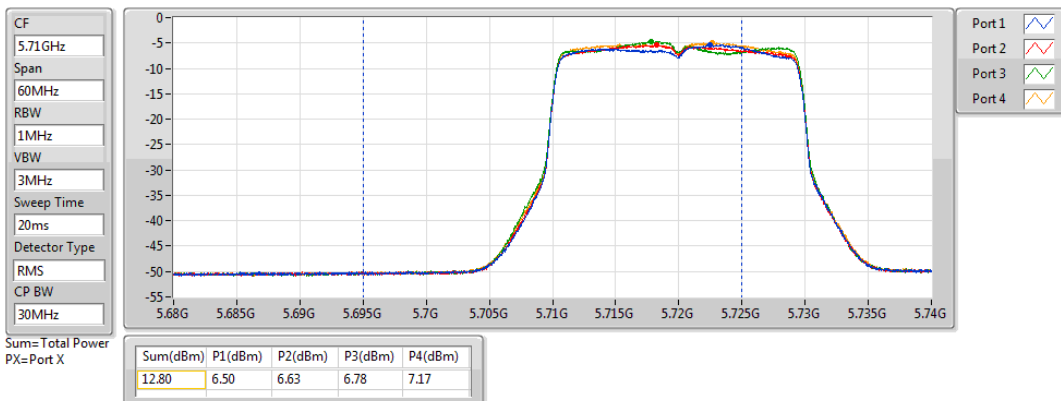


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

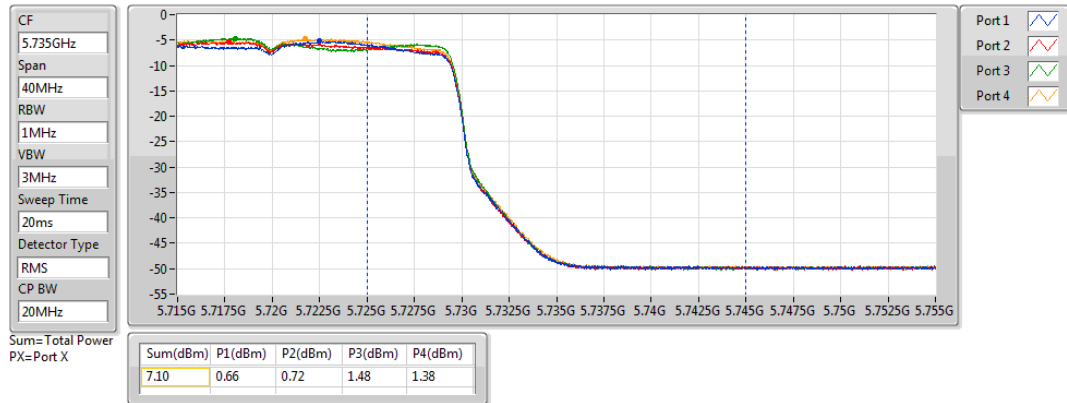
01/08/2019



802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

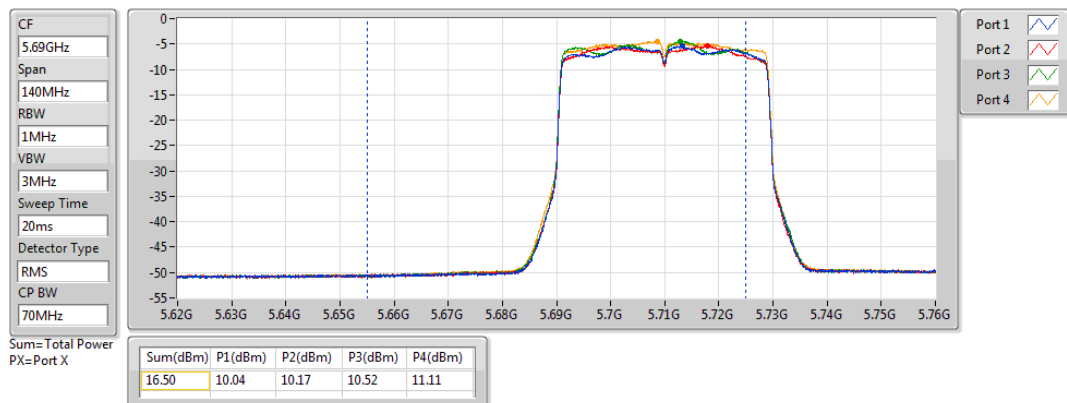
5720MHz Straddle 5.725-5.85GHz



802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

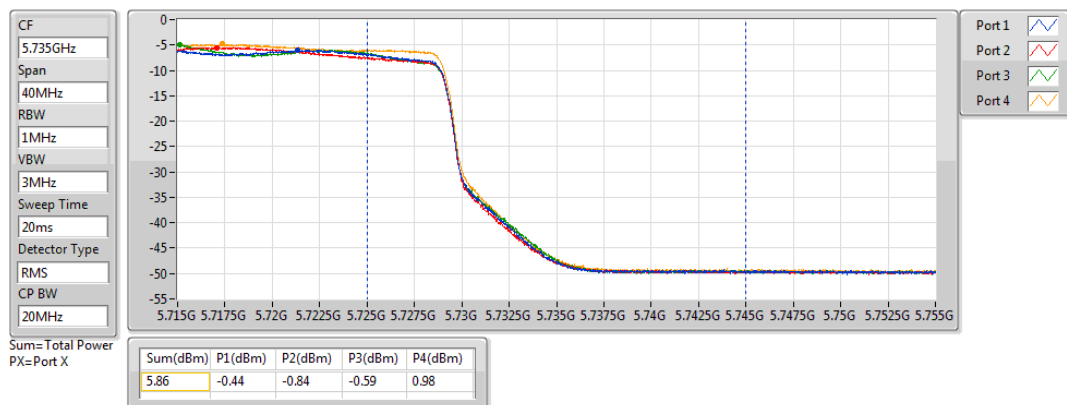
5710MHz Straddle 5.47-5.725GHz



802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

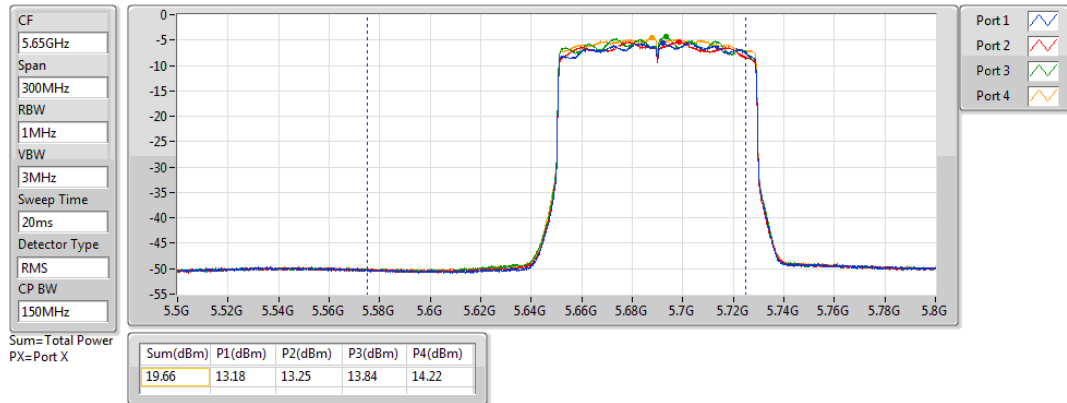
5710MHz Straddle 5.725-5.85GHz



802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

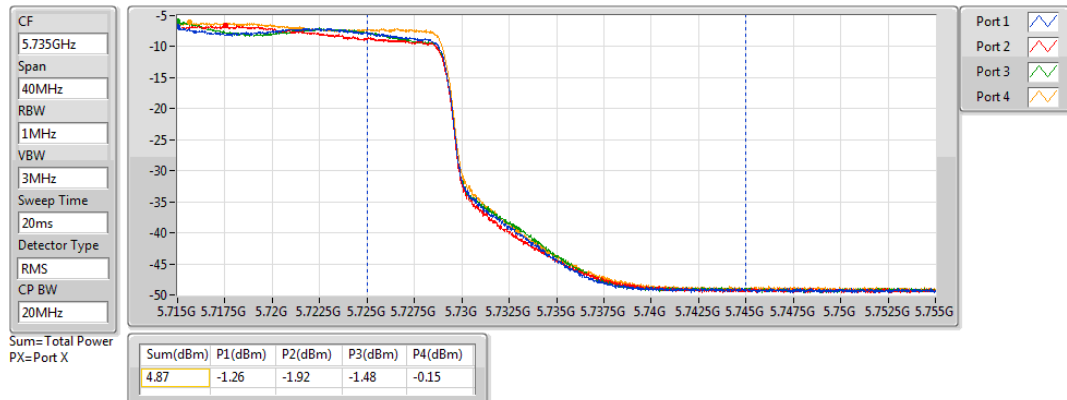
5690MHz Straddle 5.47-5.725GHz



802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz



**Summary**

Mode	Total Power (dBm)	Total Power (W)
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.34	0.02158
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	13.51	0.02244
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	13.39	0.02183
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.51	0.02244
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	13.48	0.02228
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	13.37	0.02173
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	6.95	0.00495
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	2.62	0.00183
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.18	0.00076



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	16.45	6.89	7.03	7.44	7.80	13.33	13.53
5300MHz	Pass	16.45	7.26	6.83	7.15	7.51	13.21	13.53
5320MHz	Pass	16.45	7.32	6.95	7.17	7.81	13.34	13.53
5500MHz	Pass	16.45	7.22	7.15	7.04	7.97	13.38	13.53
5580MHz	Pass	16.45	7.08	7.29	7.20	7.85	13.39	13.53
5700MHz	Pass	16.45	7.64	7.72	6.82	7.73	13.51	13.53
5720MHz Straddle 5.47-5.725GHz	Pass	16.45	6.47	6.27	5.94	7.08	12.48	12.54
5720MHz Straddle 5.725-5.85GHz	Pass	16.45	1.04	0.60	0.29	1.68	6.95	19.55
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	16.45	7.11	7.19	7.47	8.12	13.51	13.53
5310MHz	Pass	16.45	7.37	6.73	7.48	8.21	13.50	13.53
5510MHz	Pass	16.45	7.05	7.47	7.39	7.89	13.48	13.53
5550MHz	Pass	16.45	6.71	7.32	7.22	7.64	13.26	13.53
5670MHz	Pass	16.45	6.74	6.18	6.51	7.56	12.80	13.53
5710MHz Straddle 5.47-5.725GHz	Pass	16.45	6.82	7.04	6.27	7.85	13.05	13.53
5710MHz Straddle 5.725-5.85GHz	Pass	16.45	-3.43	-3.68	-4.27	-2.44	2.62	19.55
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	16.45	7.02	6.84	7.56	7.98	13.39	13.53
5530MHz	Pass	16.45	7.07	7.31	7.02	7.75	13.32	13.53
5610MHz	Pass	16.45	7.39	7.06	6.91	7.97	13.37	13.53
5690MHz Straddle 5.47-5.725GHz	Pass	16.45	6.80	7.11	6.42	7.84	13.09	13.53
5690MHz Straddle 5.725-5.85GHz	Pass	16.45	-6.73	-7.72	-8.18	-6.41	-1.18	19.55

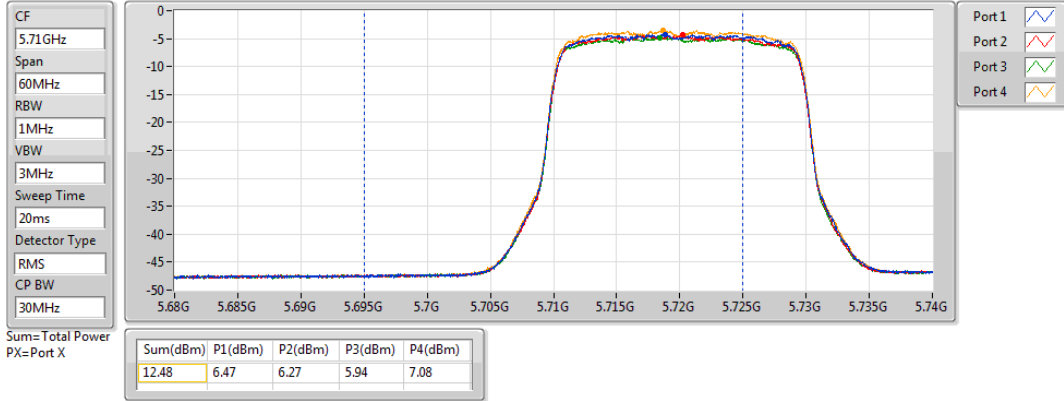
DG = Directional Gain; **Port X** = Port X output power

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

05/08/2019

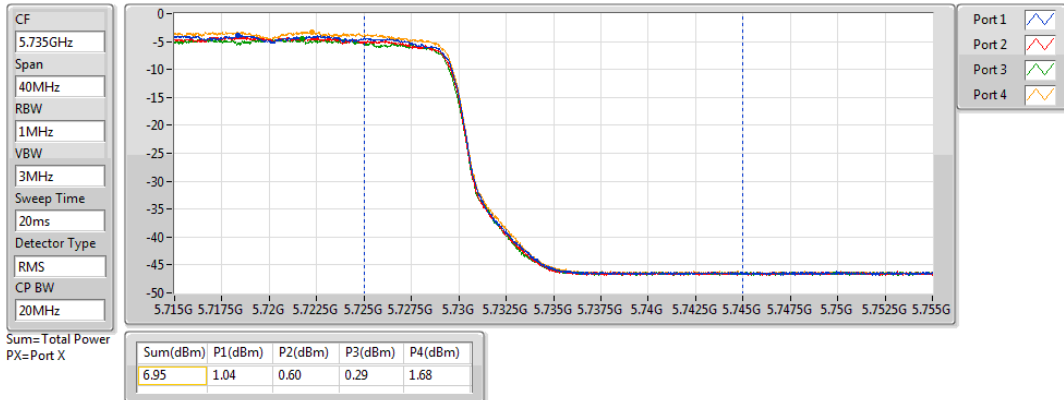


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

05/08/2019

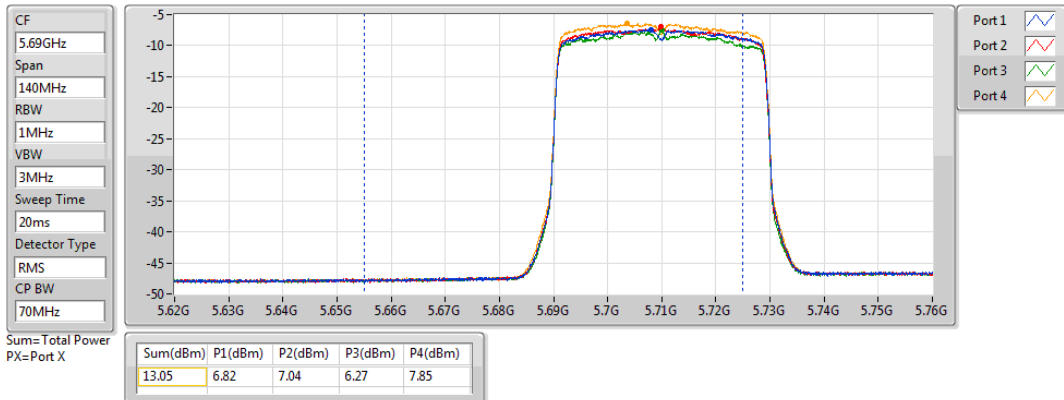


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

05/08/2019

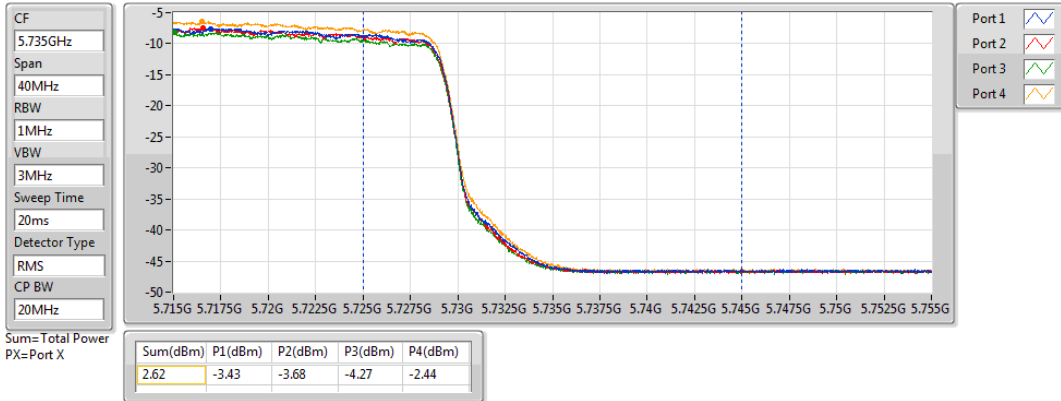


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

05/08/2019

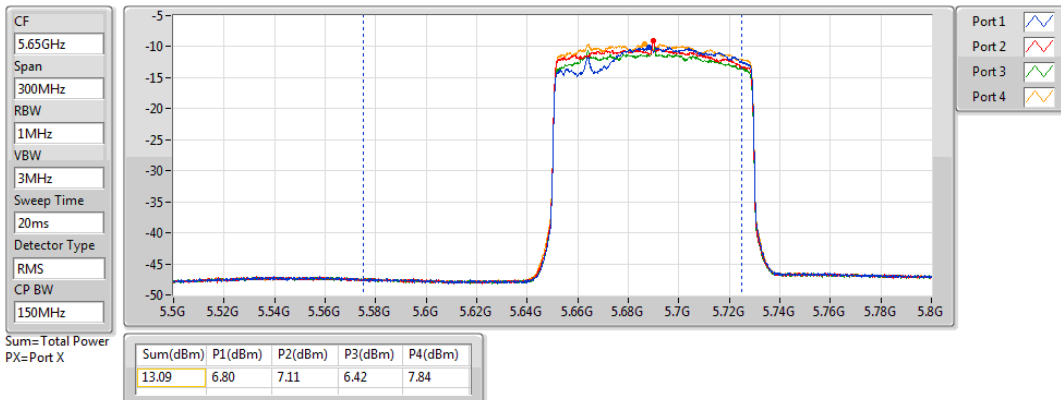


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

05/08/2019

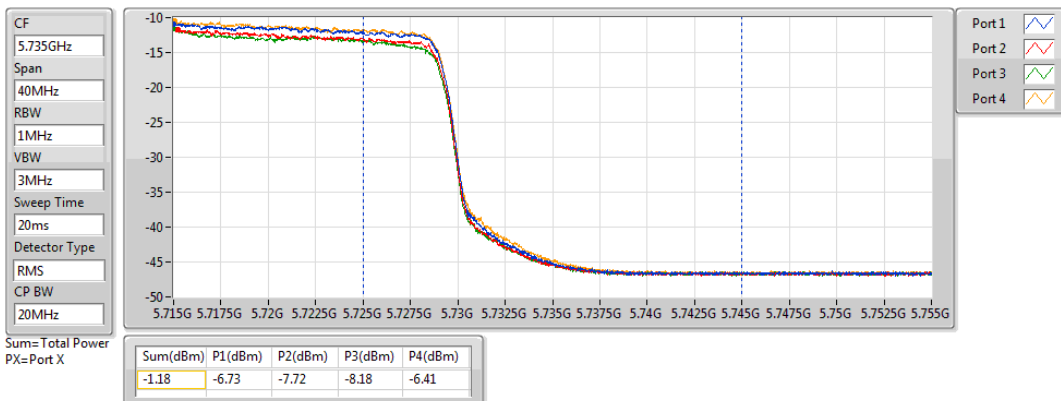


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

05/08/2019



Summary

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

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	4.17	10.60	10.60	11.00
5300MHz	Pass	4.17	10.73	10.73	11.00
5320MHz	Pass	4.17	10.71	10.71	11.00
5500MHz	Pass	4.17	10.84	10.84	11.00
5580MHz	Pass	4.17	10.72	10.72	11.00
5700MHz	Pass	4.17	10.58	10.58	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.17	10.73	10.73	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.17	8.57	8.57	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	4.17	10.25	10.25	11.00
5300MHz	Pass	4.17	10.24	10.24	11.00
5320MHz	Pass	4.17	10.26	10.26	11.00
5500MHz	Pass	4.17	9.85	9.85	11.00
5580MHz	Pass	4.17	10.21	10.21	11.00
5700MHz	Pass	4.17	9.14	9.14	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.17	10.58	10.58	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	4.17	8.64	8.64	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	4.17	7.42	7.42	11.00
5310MHz	Pass	4.17	7.53	7.53	11.00
5510MHz	Pass	4.17	7.10	7.10	11.00
5550MHz	Pass	4.17	7.23	7.23	11.00
5670MHz	Pass	4.17	6.87	6.87	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.17	8.00	8.00	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.17	5.20	5.20	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	4.17	3.79	3.79	11.00
5530MHz	Pass	4.17	3.73	3.73	11.00
5610MHz	Pass	4.17	4.27	4.27	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.17	4.67	4.67	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.17	1.30	1.30	30.00

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

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

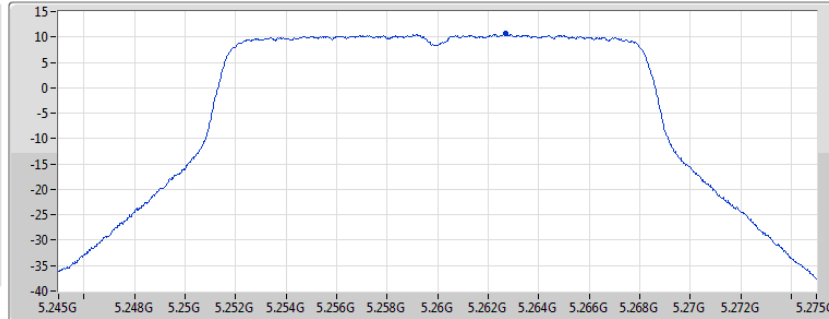
802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

02/08/2019

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



Port 1

Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.60	10.60	10.60

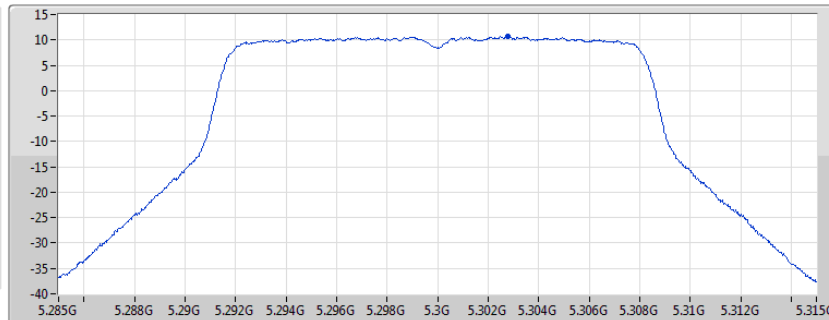
802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

02/08/2019

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



Port 1

Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.73	10.73	10.73

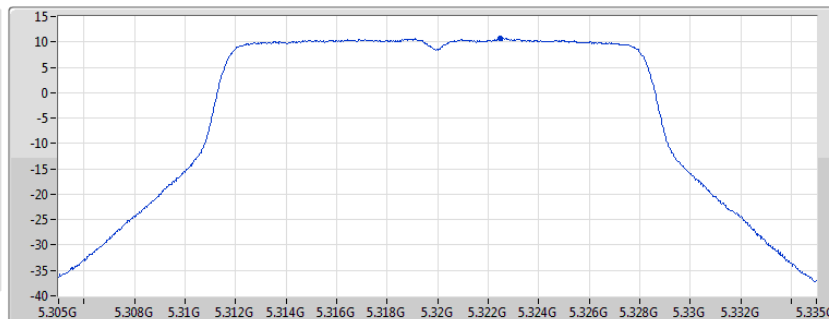
802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

02/08/2019

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



Port 1

Sum	PD	Port 1
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
10.71	10.71	10.71

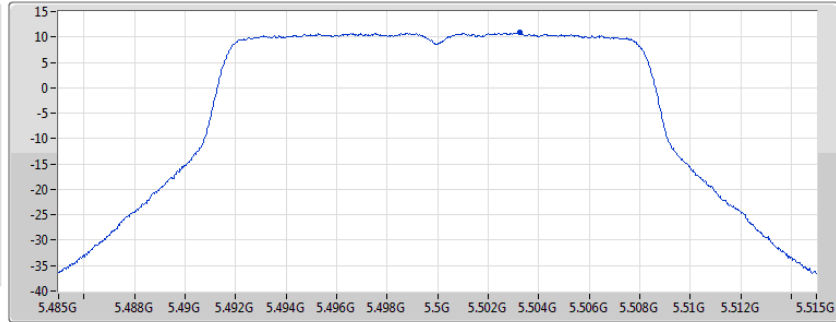
802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

02/08/2019

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



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

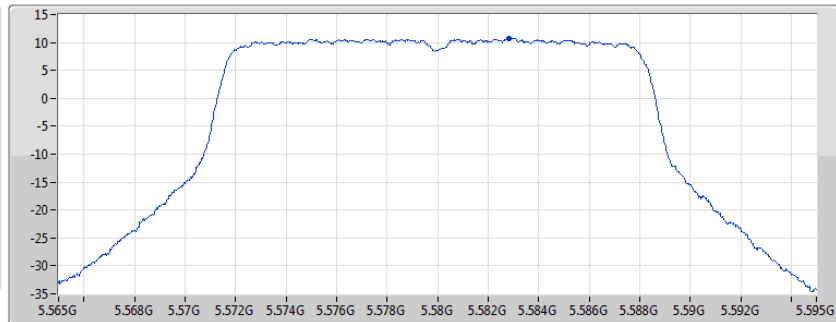
802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

02/08/2019

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



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

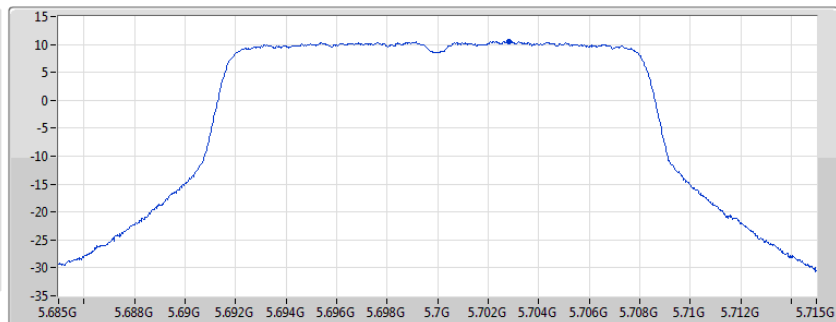
802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

02/08/2019

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



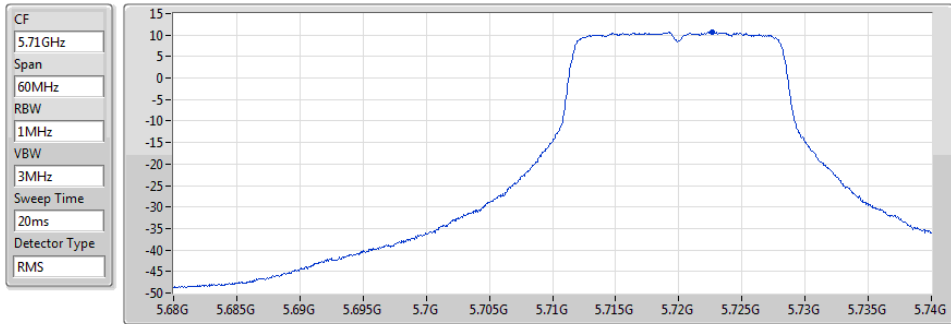
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.58	10.58	10.58

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

02/08/2019



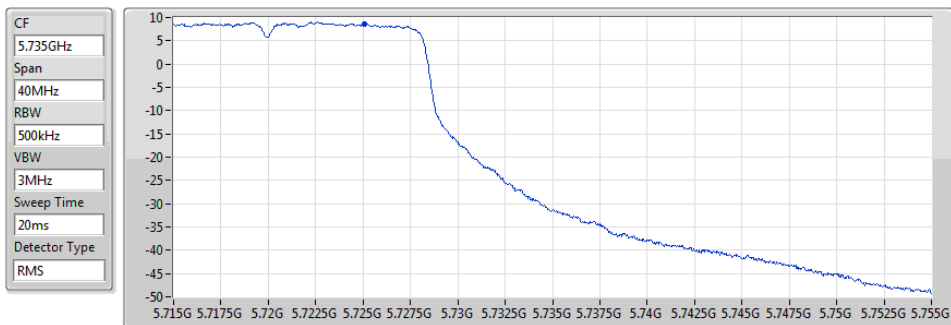
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.73	10.73	10.73

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

02/08/2019



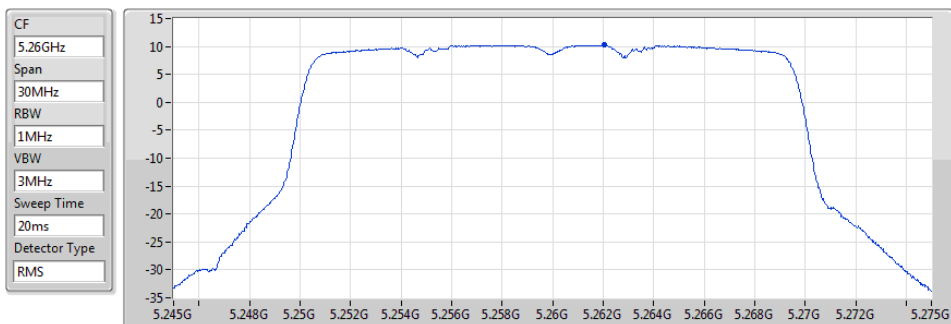
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.57	8.57	8.57

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

02/08/2019



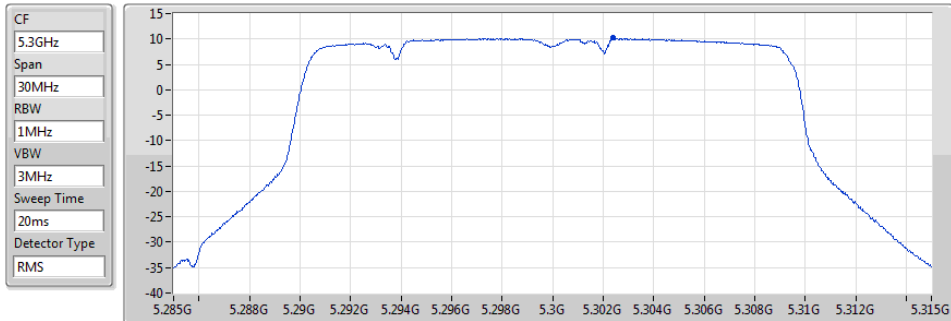
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.25	10.25	10.25

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

02/08/2019



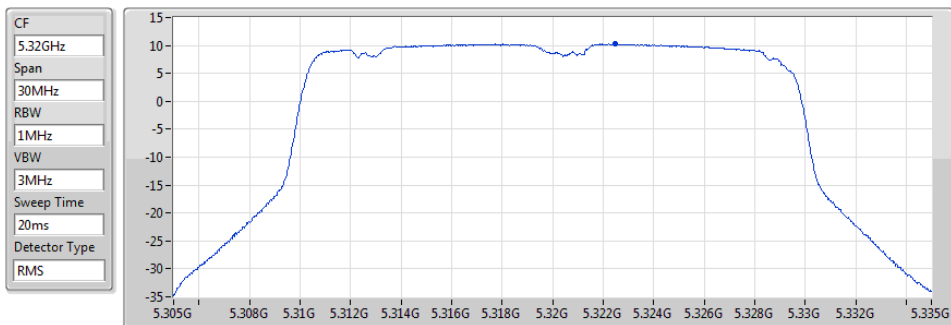
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.24	10.24	10.24

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

02/08/2019



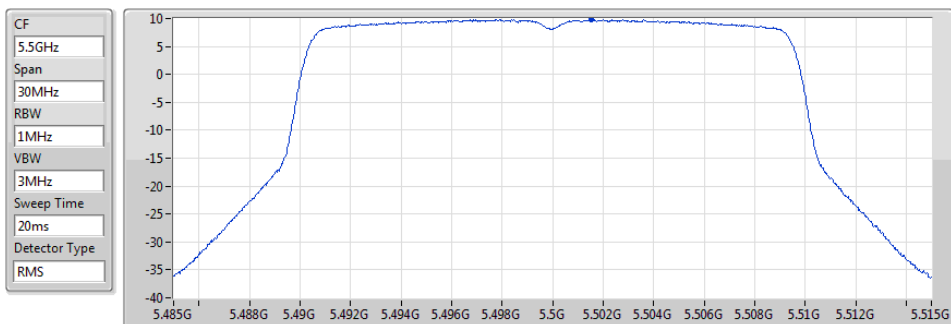
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.26	10.26	10.26

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

02/08/2019



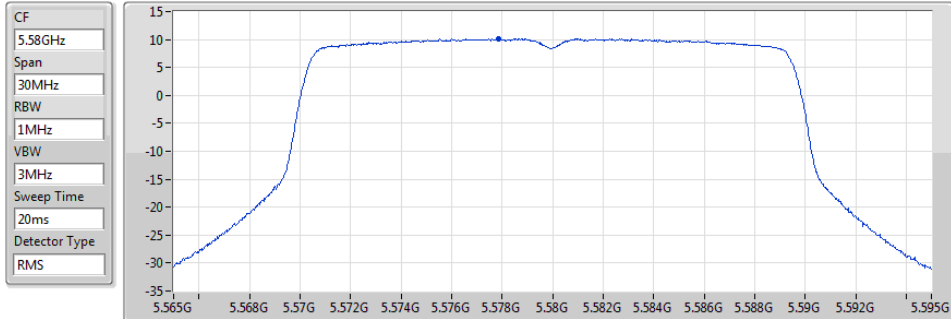
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.85	9.85	9.85

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

02/08/2019

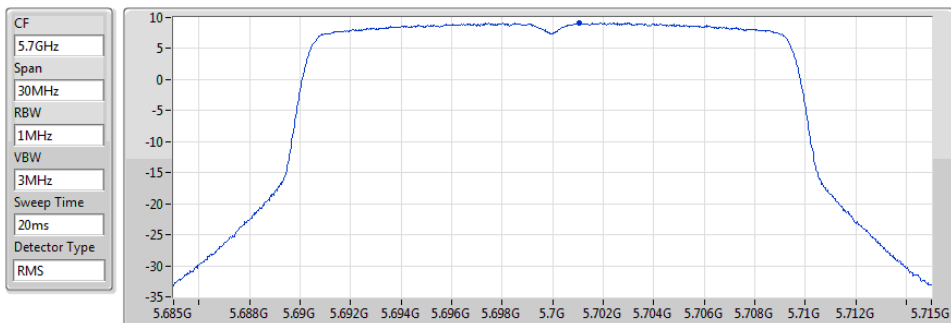


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

02/08/2019

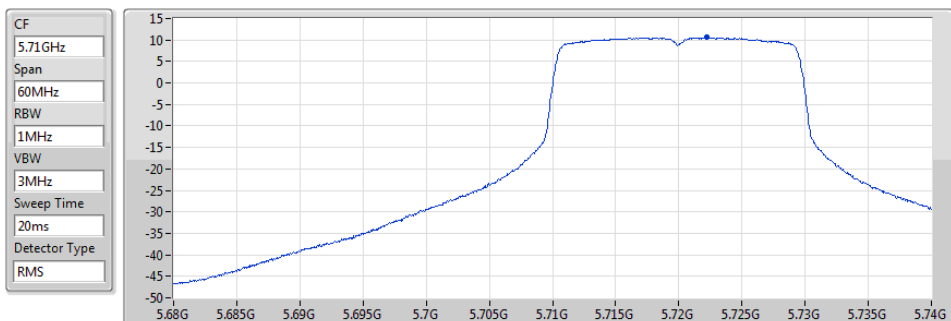


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

02/08/2019

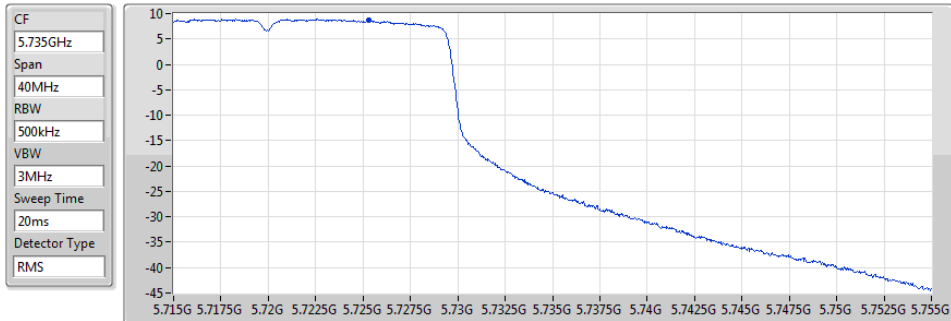


802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

02/08/2019



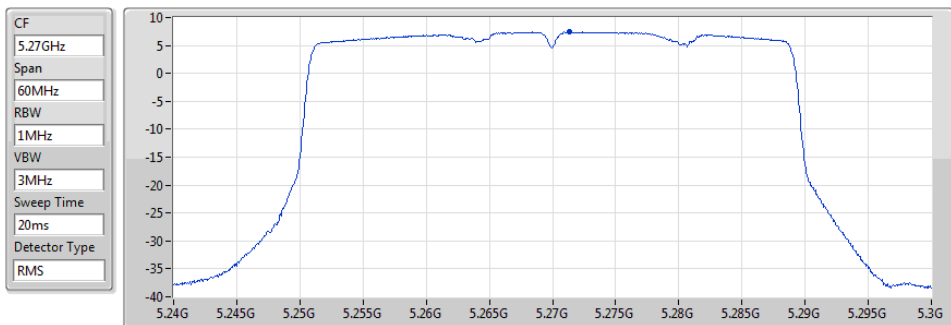
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.64	8.64	8.64

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

02/08/2019



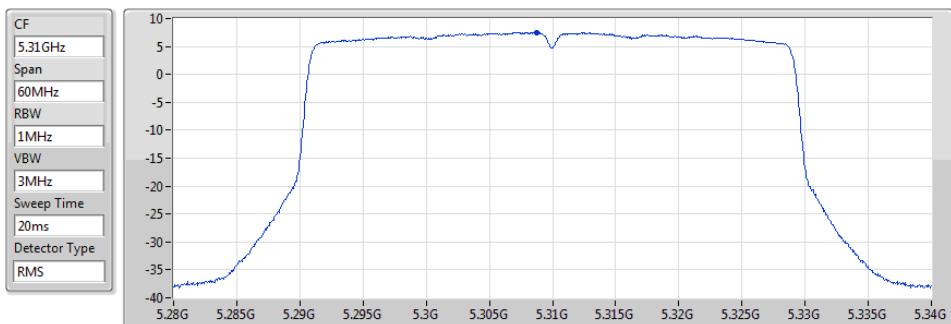
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.42	7.42	7.42

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

02/08/2019



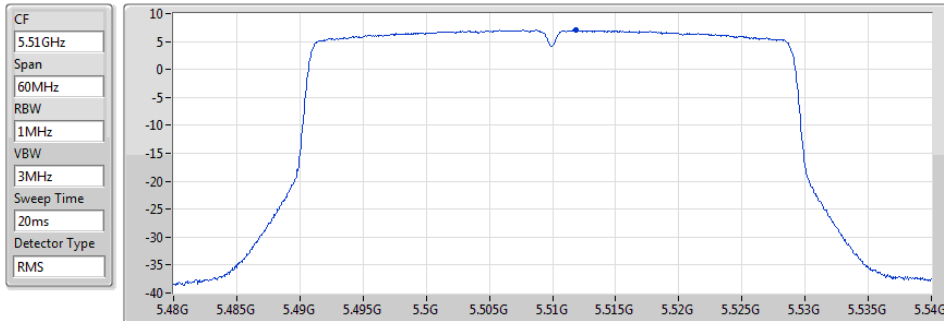
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.53	7.53	7.53

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

02/08/2019



Port 1

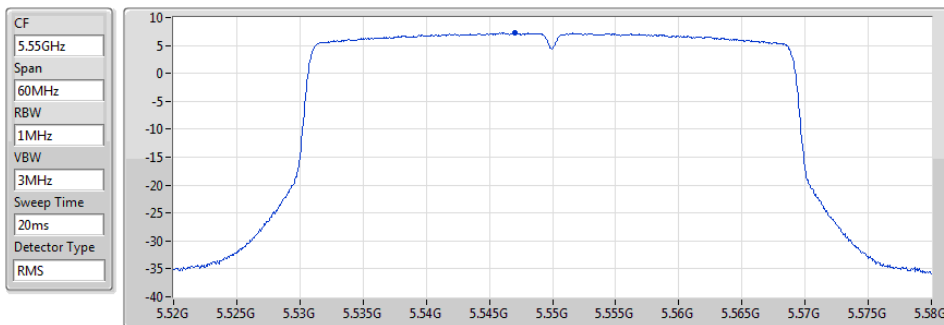
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.10	7.10	7.10

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

02/08/2019



Port 1

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

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

02/08/2019



Port 1

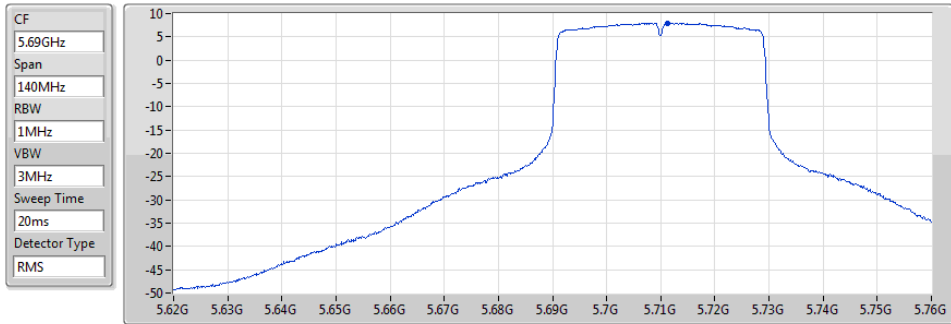
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.87	6.87	6.87

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

02/08/2019



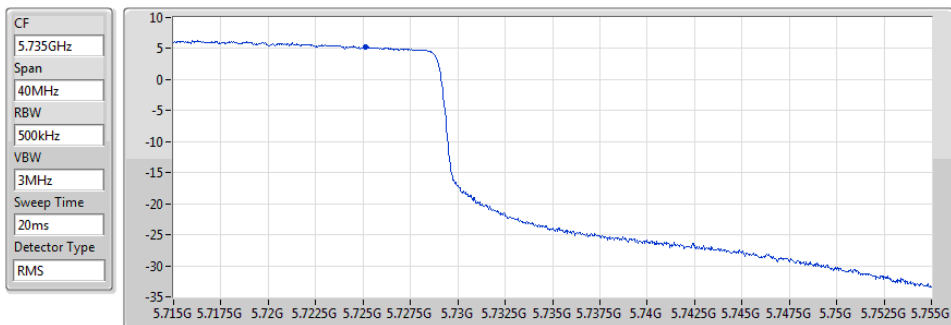
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.00	8.00	8.00

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

02/08/2019



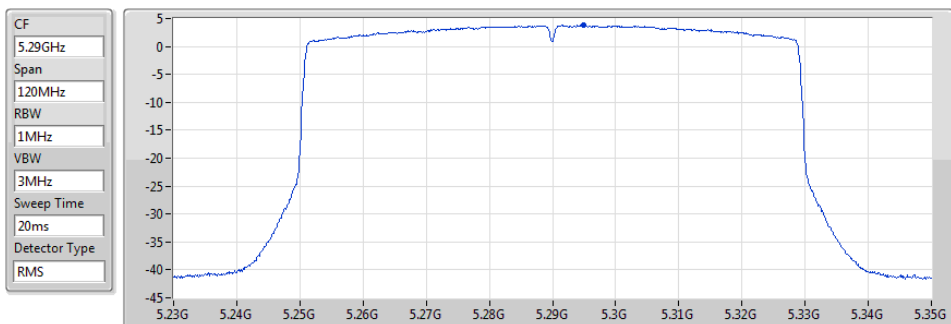
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.20	5.20	5.20

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

02/08/2019



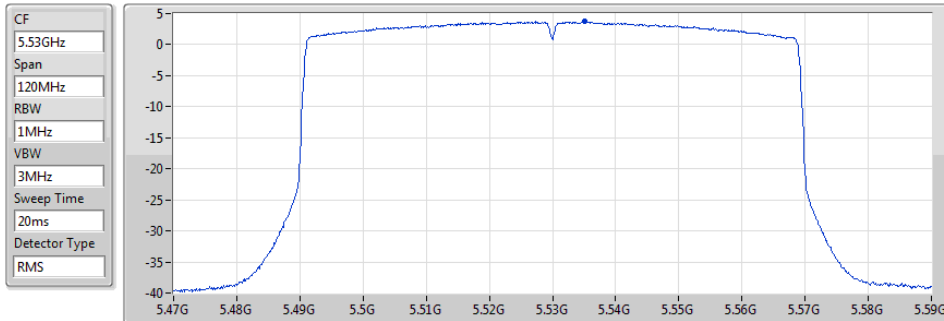
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.79	3.79	3.79

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

02/08/2019



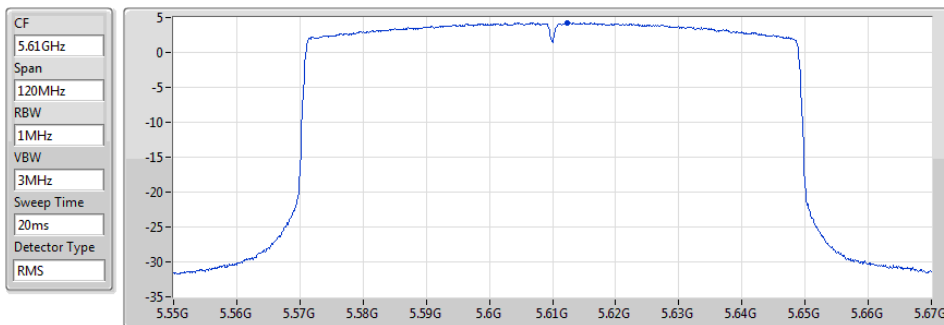
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.73	3.73	3.73

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

02/08/2019



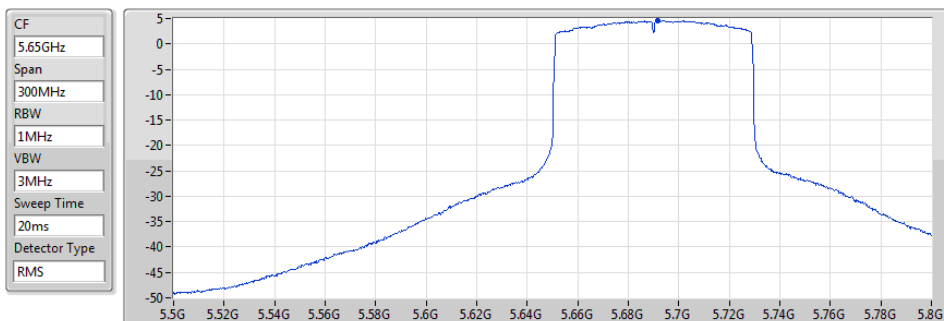
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.27	4.27	4.27

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

02/08/2019



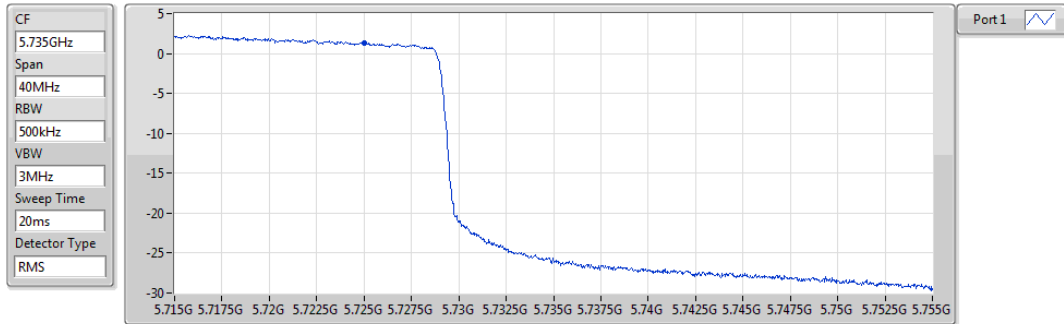
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.67	4.67	4.67

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

02/08/2019



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

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.94
802.11ax HEW20_Nss1,(MCS0)_2TX	8.93
802.11ax HEW40_Nss1,(MCS0)_2TX	7.91
802.11ax HEW80_Nss1,(MCS0)_2TX	4.74
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.92
802.11ax HEW20_Nss1,(MCS0)_2TX	8.90
802.11ax HEW40_Nss1,(MCS0)_2TX	8.11
802.11ax HEW80_Nss1,(MCS0)_2TX	4.90
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	6.79
802.11ax HEW20_Nss1,(MCS0)_2TX	6.39
802.11ax HEW40_Nss1,(MCS0)_2TX	5.16
802.11ax HEW80_Nss1,(MCS0)_2TX	1.24

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.05	5.97	5.88	8.82	8.95
5300MHz	Pass	8.05	6.13	5.86	8.93	8.95
5320MHz	Pass	8.05	6.15	5.90	8.94	8.95
5500MHz	Pass	8.05	6.09	6.14	8.92	8.95
5580MHz	Pass	8.05	6.05	5.78	8.63	8.95
5700MHz	Pass	8.05	5.84	5.79	8.75	8.95
5720MHz Straddle 5.47-5.725GHz	Pass	8.05	6.21	5.82	8.91	8.95
5720MHz Straddle 5.725-5.85GHz	Pass	8.05	3.80	3.81	6.79	27.95
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.05	5.71	5.84	8.75	8.95
5300MHz	Pass	8.05	6.01	5.66	8.79	8.95
5320MHz	Pass	8.05	6.28	5.65	8.93	8.95
5500MHz	Pass	8.05	5.75	5.62	8.60	8.95
5580MHz	Pass	8.05	6.30	5.64	8.90	8.95
5700MHz	Pass	8.05	5.78	5.43	8.54	8.95
5720MHz Straddle 5.47-5.725GHz	Pass	8.05	5.98	5.70	8.78	8.95
5720MHz Straddle 5.725-5.85GHz	Pass	8.05	3.33	3.75	6.39	27.95
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	8.05	4.99	4.94	7.91	8.95
5310MHz	Pass	8.05	5.18	4.73	7.90	8.95
5510MHz	Pass	8.05	4.88	4.69	7.76	8.95
5550MHz	Pass	8.05	5.01	4.79	7.79	8.95
5670MHz	Pass	8.05	4.85	4.51	7.56	8.95
5710MHz Straddle 5.47-5.725GHz	Pass	8.05	5.31	5.18	8.11	8.95
5710MHz Straddle 5.725-5.85GHz	Pass	8.05	2.23	2.15	5.16	27.95
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	8.05	2.04	1.62	4.74	8.95
5530MHz	Pass	8.05	1.87	1.62	4.70	8.95
5610MHz	Pass	8.05	2.20	1.68	4.90	8.95
5690MHz Straddle 5.47-5.725GHz	Pass	8.05	1.99	1.79	4.86	8.95
5690MHz Straddle 5.725-5.85GHz	Pass	8.05	-1.42	-2.09	1.24	27.95

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

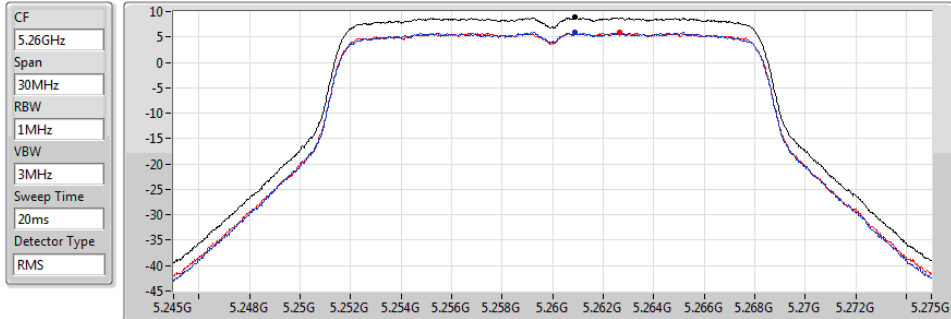
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

01/08/2019



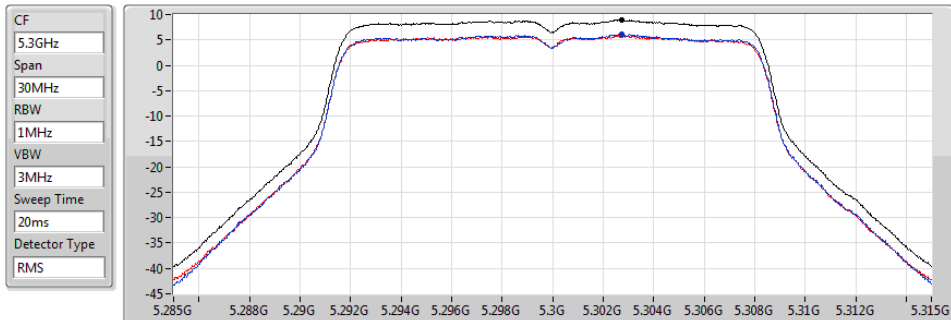
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.82	8.82	5.97	5.88

802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

01/08/2019



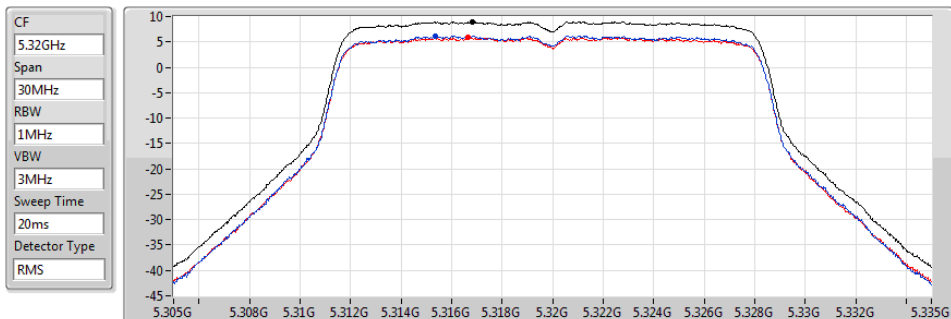
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.93	8.93	6.13	5.86

802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

01/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.94	8.94	6.15	5.90

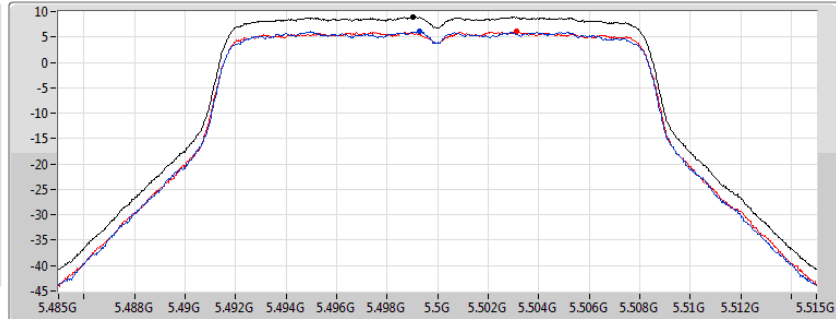
802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

01/08/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.92	8.92	6.09	6.14

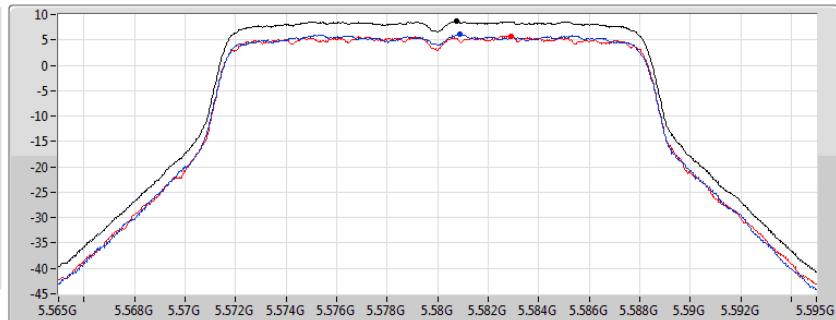
802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

01/08/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.63	8.63	6.05	5.78

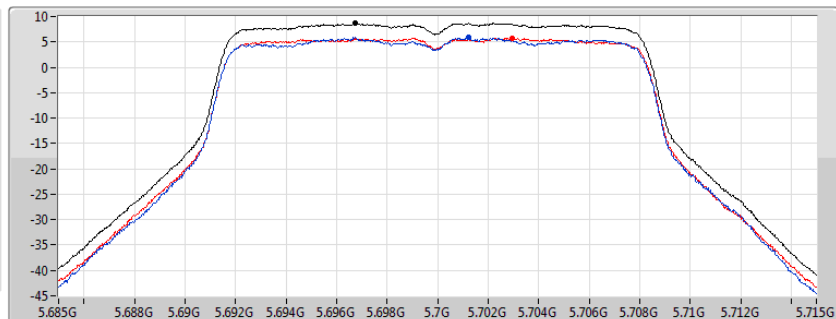
802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

01/08/2019

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



Sum
Port 1
Port 2

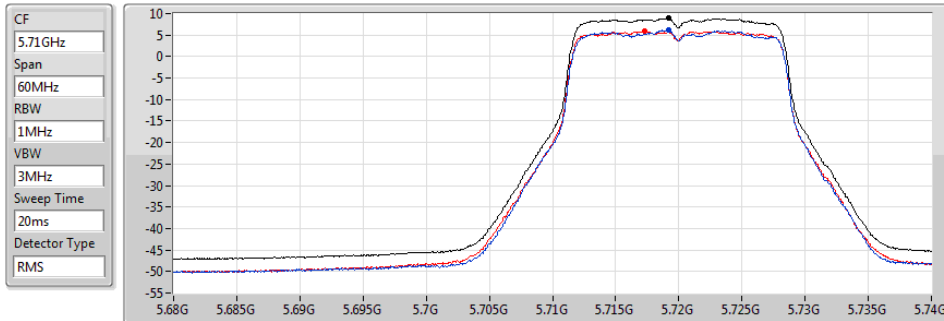
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.75	8.75	5.84	5.79

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

01/08/2019



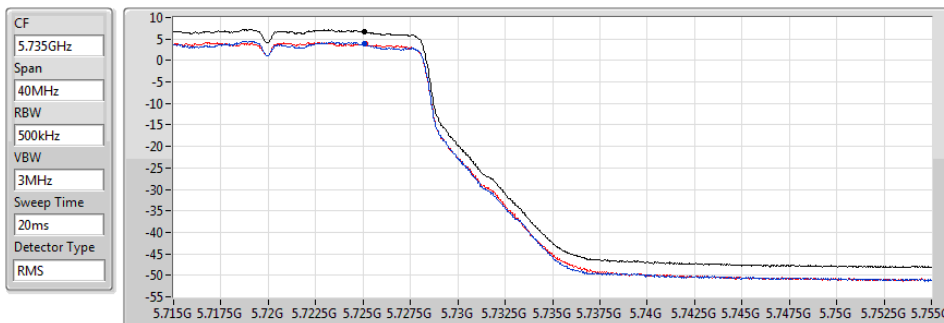
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.91	8.91	6.21	5.82

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

01/08/2019



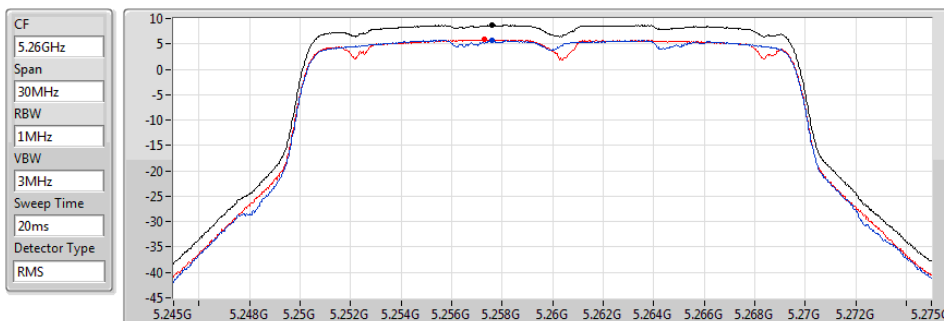
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.79	6.79	3.80	3.81

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5260MHz

01/08/2019



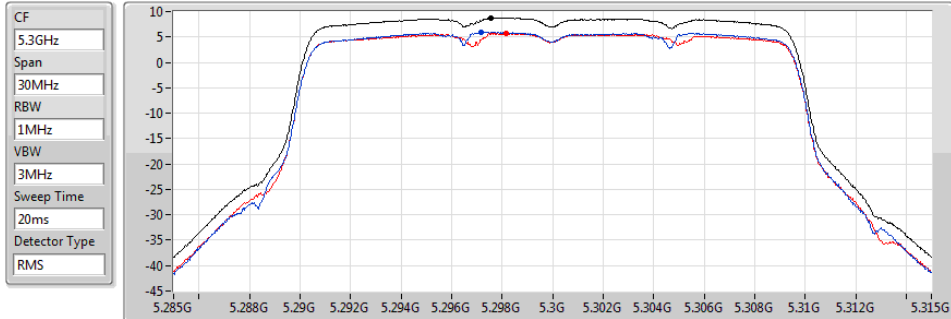
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.75	8.75	5.71	5.84

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5300MHz

01/08/2019



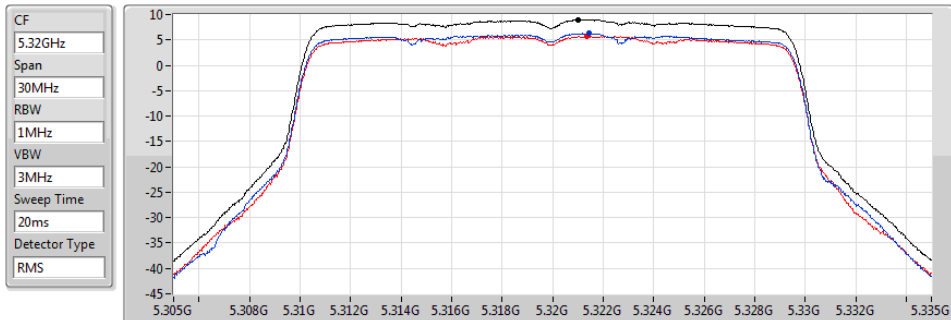
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.79	8.79	6.01	5.66

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5320MHz

01/08/2019



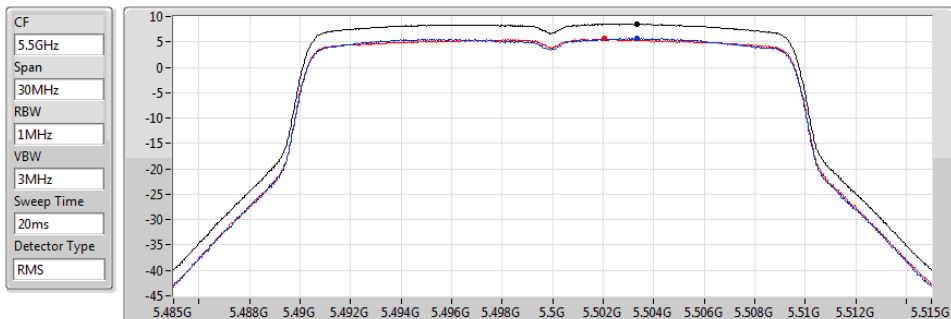
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.93	8.93	6.28	5.65

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5500MHz

01/08/2019



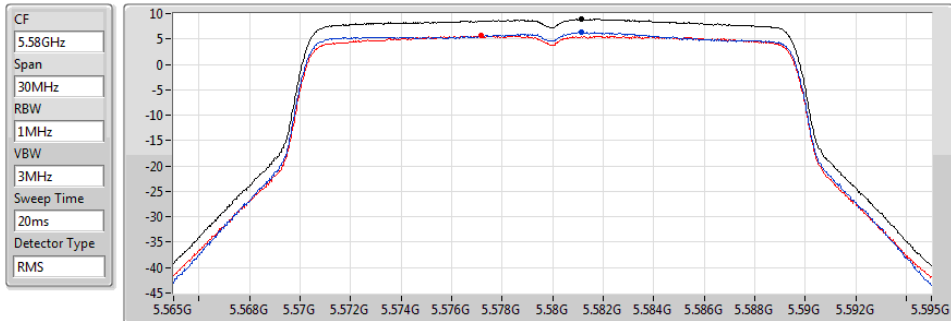
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.60	8.60	5.75	5.62

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5580MHz

01/08/2019



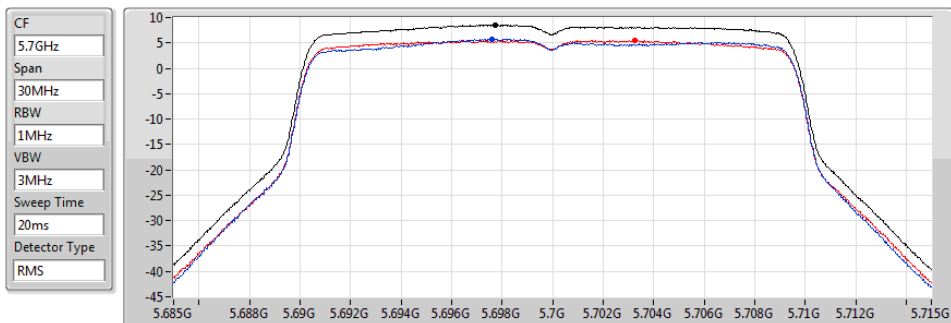
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.90	8.90	6.30	5.64

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5700MHz

01/08/2019



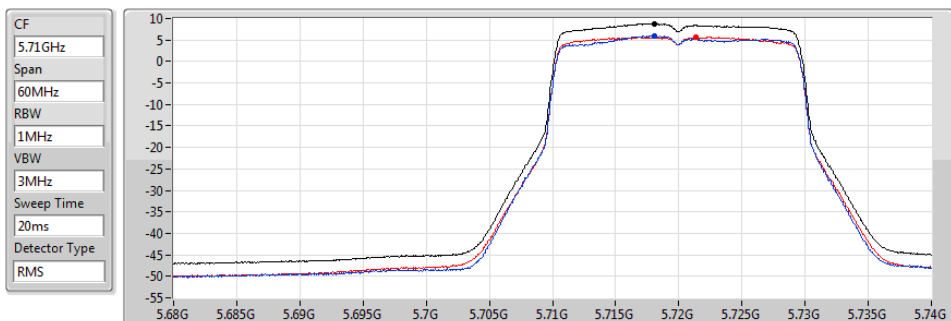
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.54	8.54	5.78	5.43

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

01/08/2019



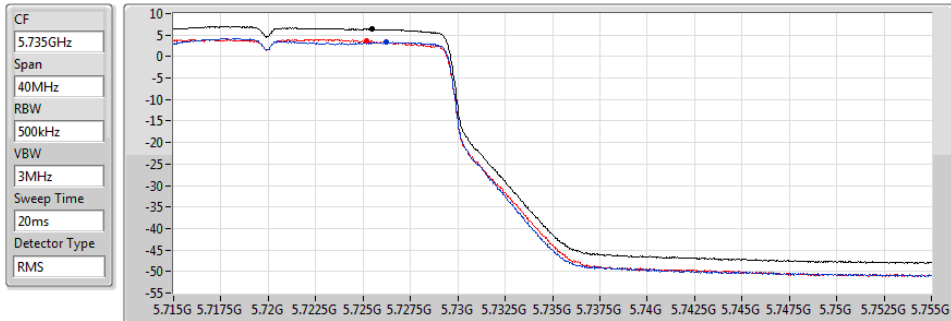
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.78	8.78	5.98	5.70

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

01/08/2019



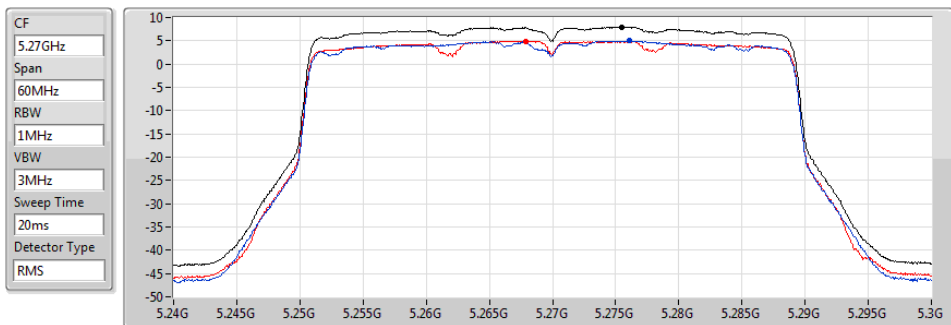
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.39	6.39	3.33	3.75

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5270MHz

01/08/2019



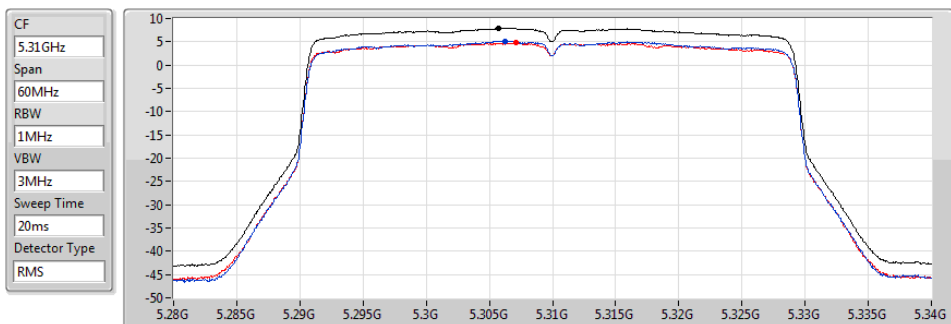
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.91	7.91	4.99	4.94

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5310MHz

01/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.90	7.90	5.18	4.73

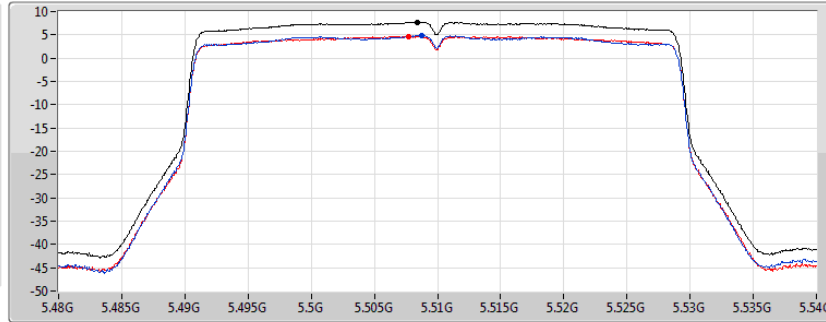
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5510MHz

01/08/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.76	7.76	4.88	4.69

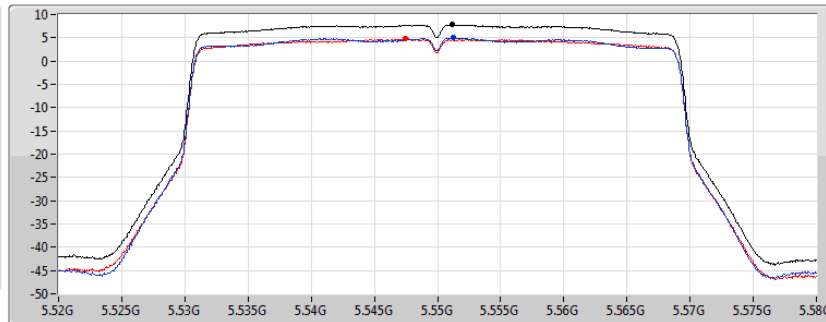
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5550MHz

01/08/2019

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



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.79	7.79	5.01	4.79

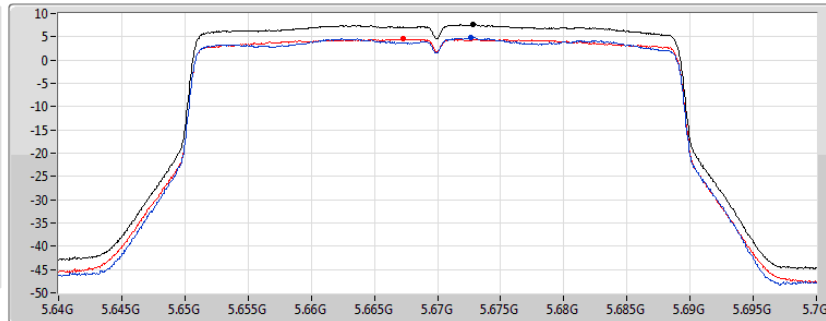
802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5670MHz

01/08/2019

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



Sum
Port 1
Port 2

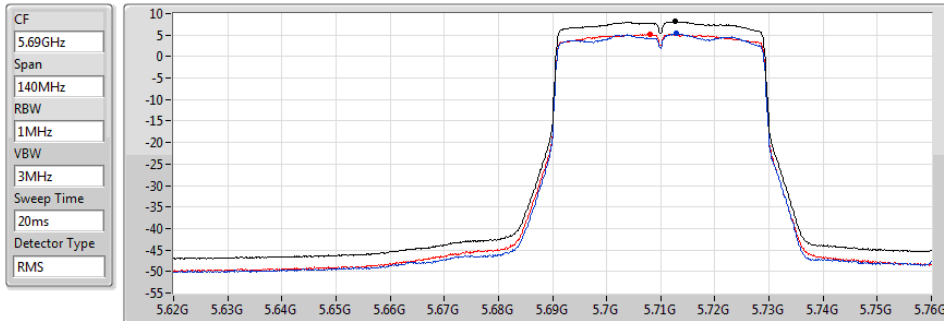
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.56	7.56	4.85	4.51

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

01/08/2019



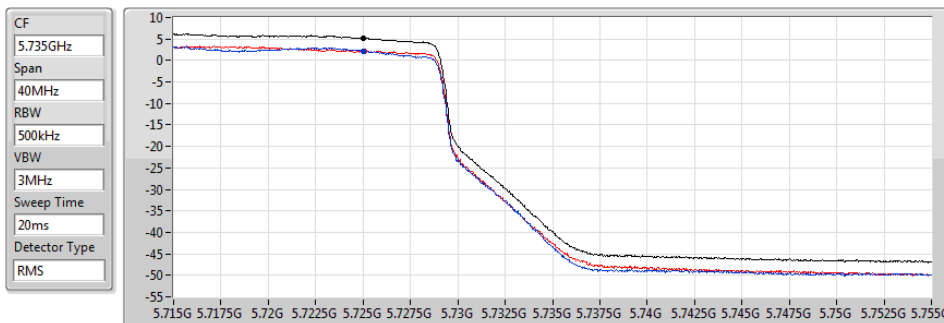
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.11	8.11	5.31	5.18

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

01/08/2019



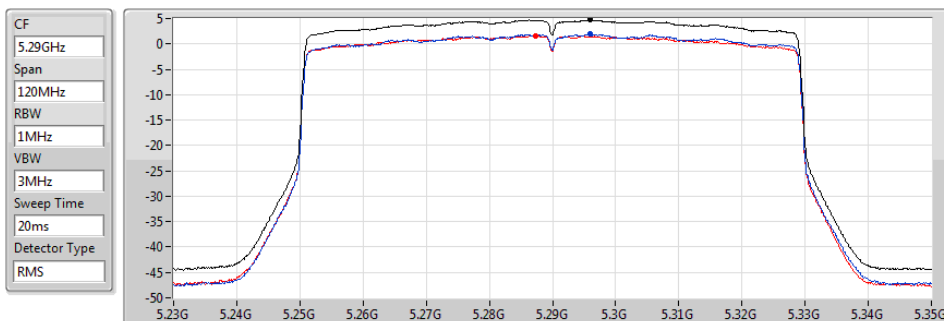
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.16	5.16	2.23	2.15

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5290MHz

01/08/2019



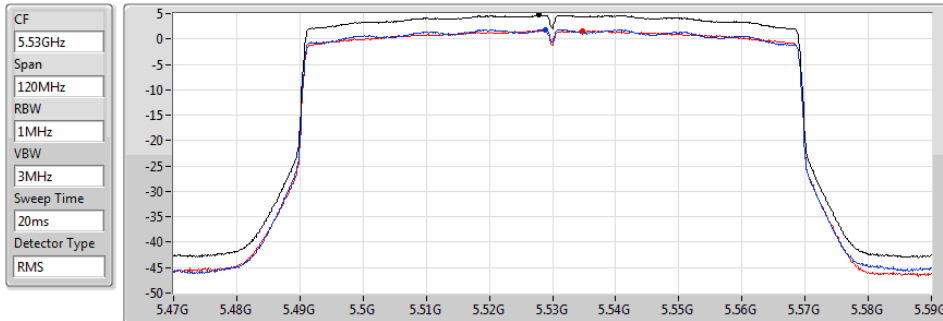
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.74	4.74	2.04	1.62

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5530MHz

01/08/2019



Sum
Port 1
Port 2

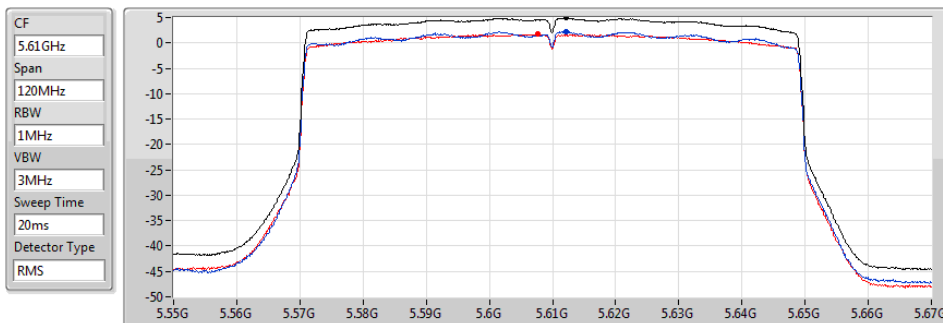
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.70	4.70	1.87	1.62

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5610MHz

01/08/2019



Sum
Port 1
Port 2

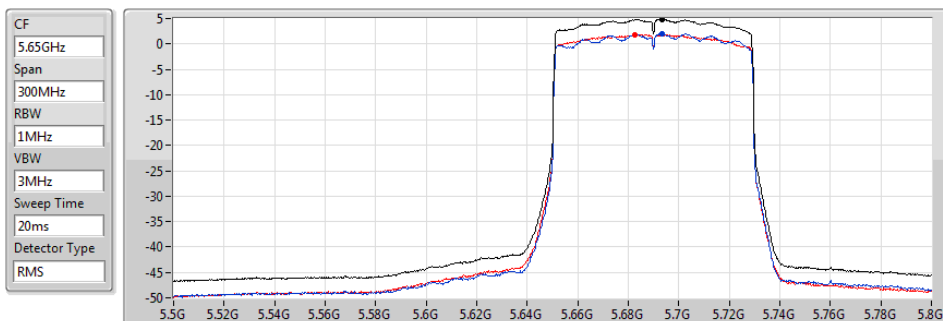
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.90	4.90	2.20	1.68

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

01/08/2019



Sum
Port 1
Port 2

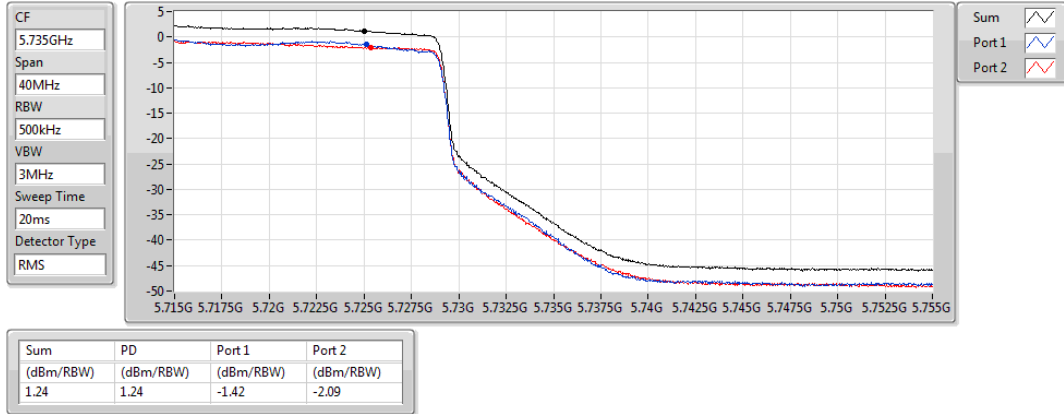
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.86	4.86	1.99	1.79

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

01/08/2019



Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.39
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.52
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	5.33
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.83
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	6.19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	2.41
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-1.34

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	8.05	5.09	5.38	8.06	8.95
5300MHz	Pass	8.05	5.59	4.81	8.03	8.95
5320MHz	Pass	8.05	5.47	4.99	8.19	8.95
5500MHz	Pass	8.05	4.75	4.50	7.50	8.95
5580MHz	Pass	8.05	5.17	4.46	7.78	8.95
5700MHz	Pass	8.05	5.29	5.23	8.16	8.95
5720MHz Straddle 5.47-5.725GHz	Pass	8.05	5.33	5.19	8.19	8.95
5720MHz Straddle 5.725-5.85GHz	Pass	8.05	3.10	3.27	6.19	27.95
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	8.05	1.97	3.06	5.39	8.95
5310MHz	Pass	8.05	2.49	2.10	5.25	8.95
5510MHz	Pass	8.05	1.61	1.74	4.62	8.95
5550MHz	Pass	8.05	2.00	1.49	4.65	8.95
5670MHz	Pass	8.05	2.57	2.83	5.33	8.95
5710MHz Straddle 5.47-5.725GHz	Pass	8.05	2.35	2.36	5.33	8.95
5710MHz Straddle 5.725-5.85GHz	Pass	8.05	-0.55	-0.47	2.41	27.95
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	8.05	-0.25	0.48	2.52	8.95
5530MHz	Pass	8.05	-0.48	0.49	2.32	8.95
5610MHz	Pass	8.05	-1.04	0.19	1.89	8.95
5690MHz Straddle 5.47-5.725GHz	Pass	8.05	-0.18	1.00	2.83	8.95
5690MHz Straddle 5.725-5.85GHz	Pass	8.05	-3.93	-4.82	-1.34	27.95

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

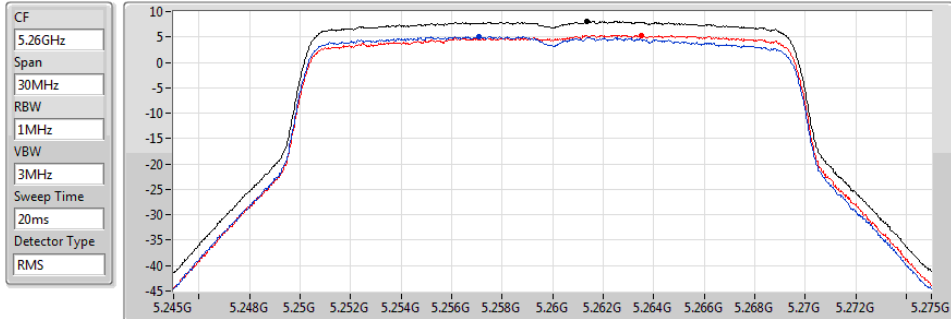
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

06/08/2019



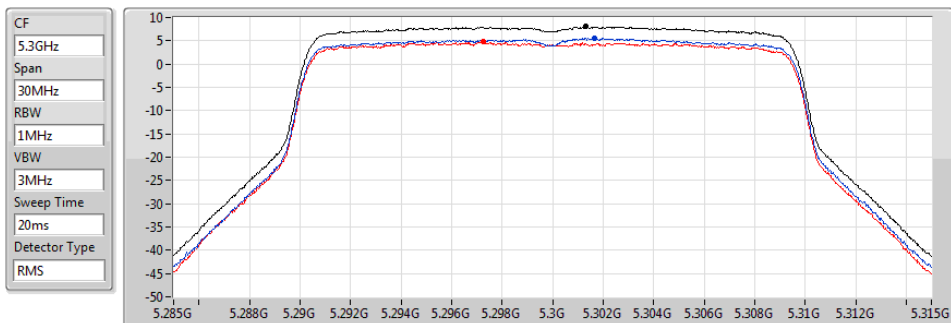
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.06	8.06	5.09	5.38

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

06/08/2019



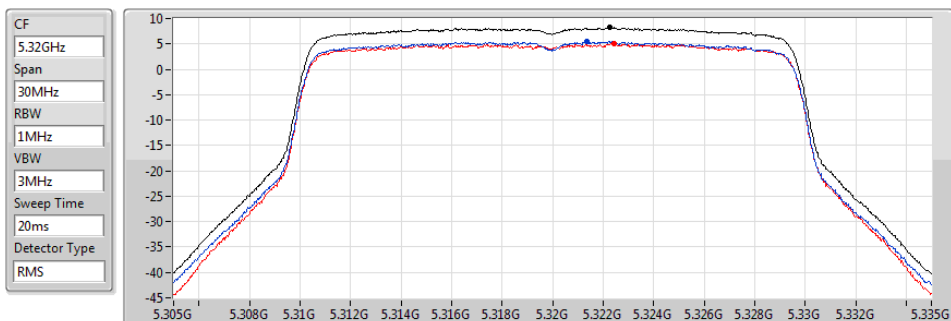
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.03	8.03	5.59	4.81

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

06/08/2019



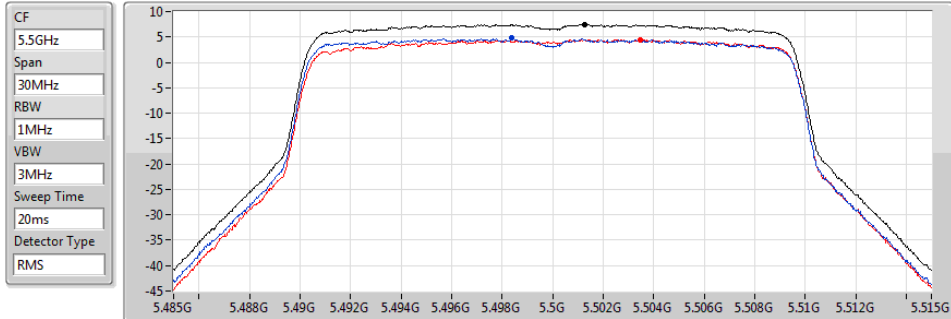
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.19	8.19	5.47	4.99

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.50	7.50	4.75	4.50

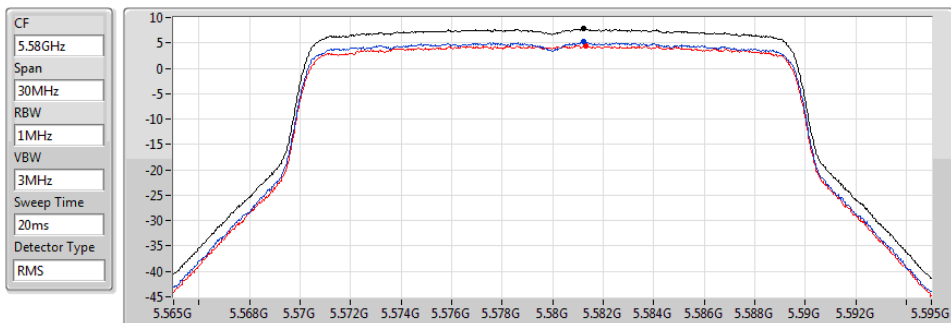
Sum
Port 1
Port 2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.78	7.78	5.17	4.46

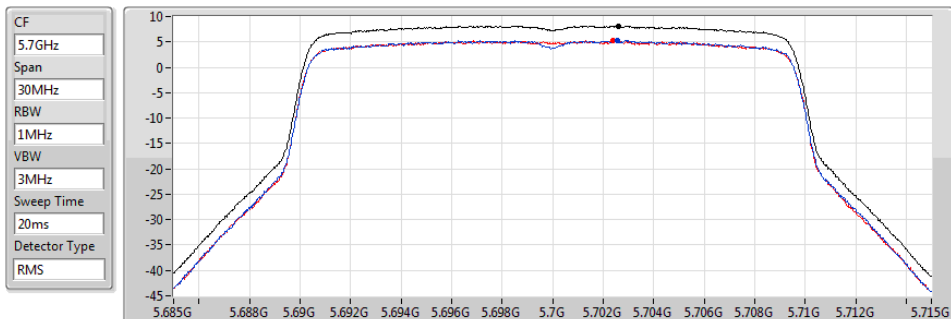
Sum
Port 1
Port 2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.16	8.16	5.29	5.23

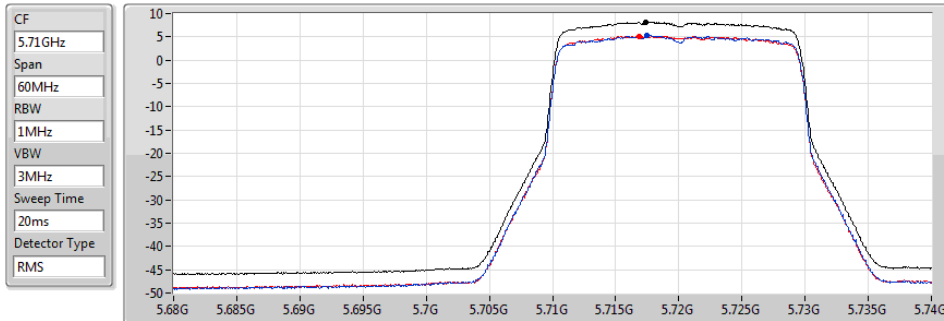
Sum
Port 1
Port 2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
8.19	8.19	5.33	5.19

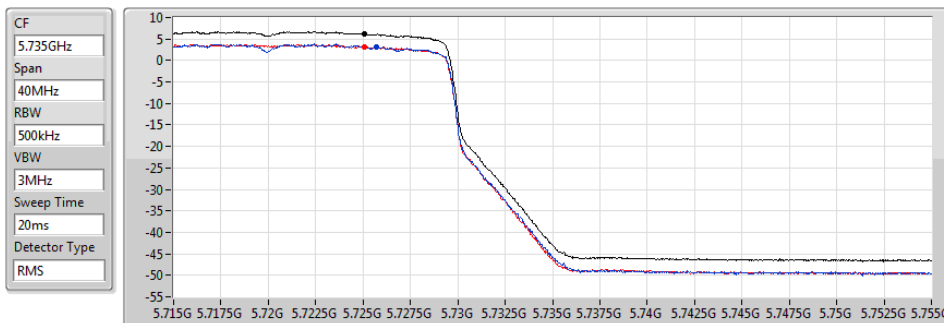
Sum
Port 1
Port 2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.19	6.19	3.10	3.27

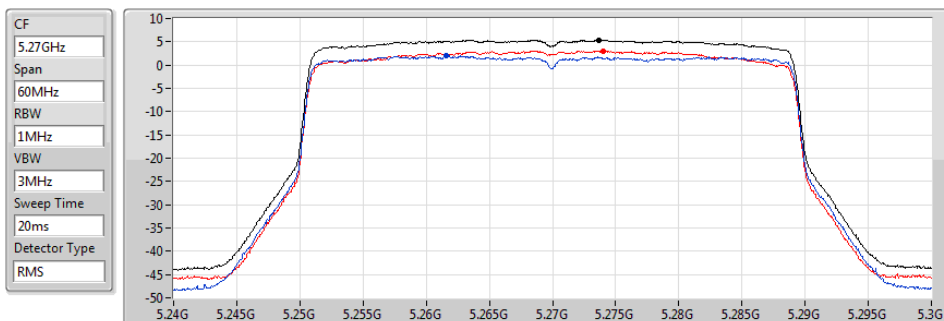
Sum
Port 1
Port 2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5270MHz

PSD

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
5.39	5.39	1.97	3.06

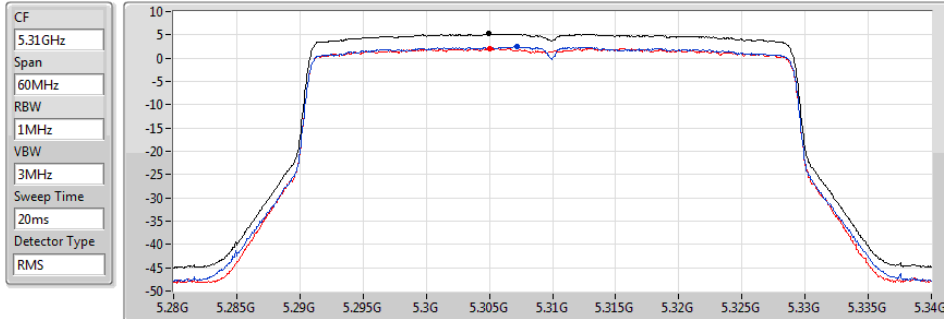
Sum
Port 1
Port 2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

06/08/2019



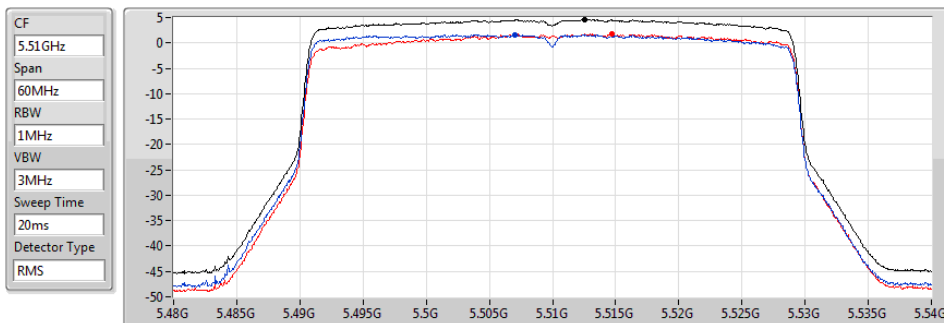
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.25	5.25	2.49	2.10

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

06/08/2019



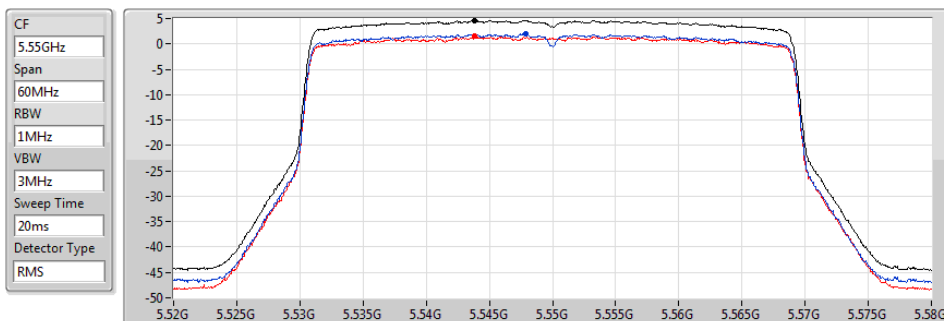
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.62	4.62	1.61	1.74

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

06/08/2019



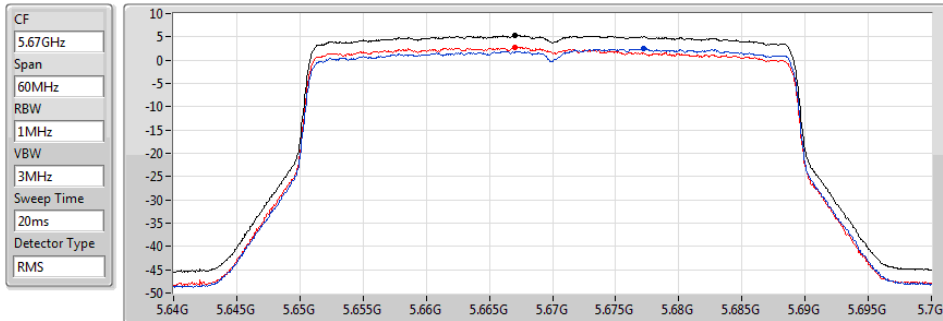
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.65	4.65	2.00	1.49

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

06/08/2019



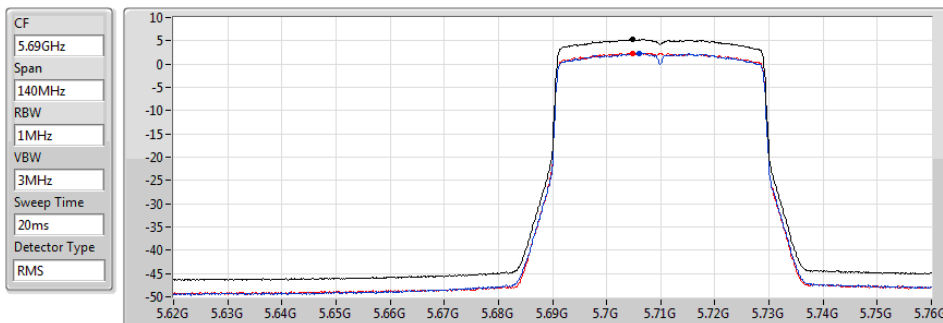
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.33	5.33	2.57	2.83

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

06/08/2019



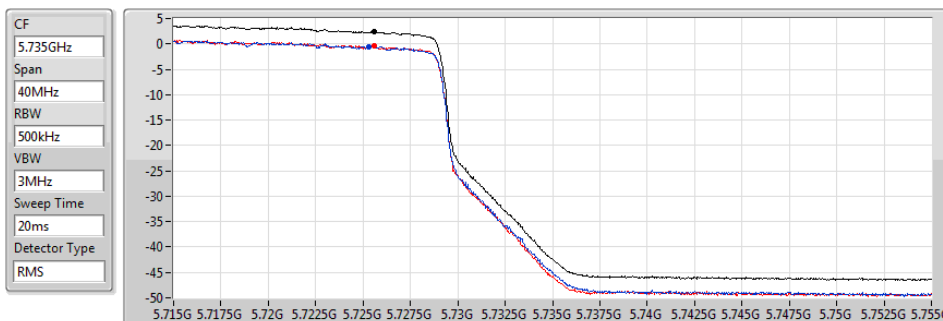
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.33	5.33	2.35	2.36

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

06/08/2019



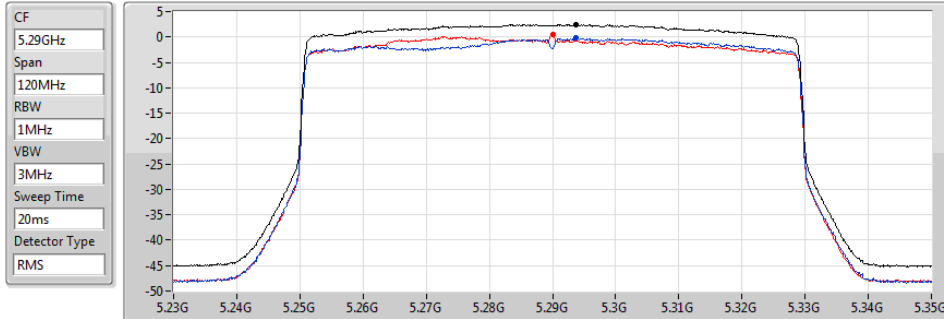
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.41	2.41	-0.55	-0.47

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

06/08/2019



Sum
Port 1
Port 2

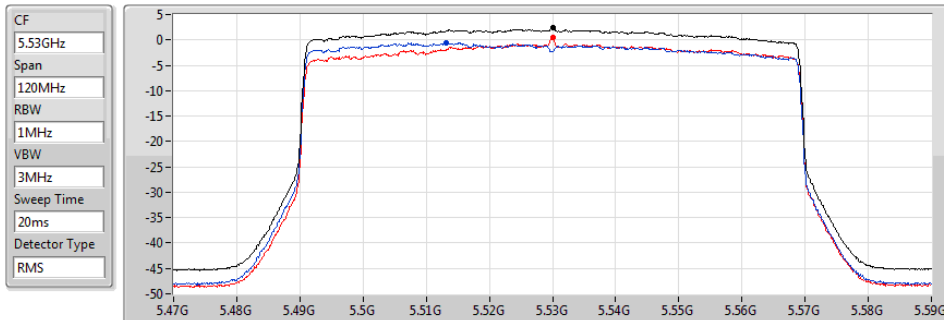
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.52	2.52	-0.25	0.48

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

06/08/2019



Sum
Port 1
Port 2

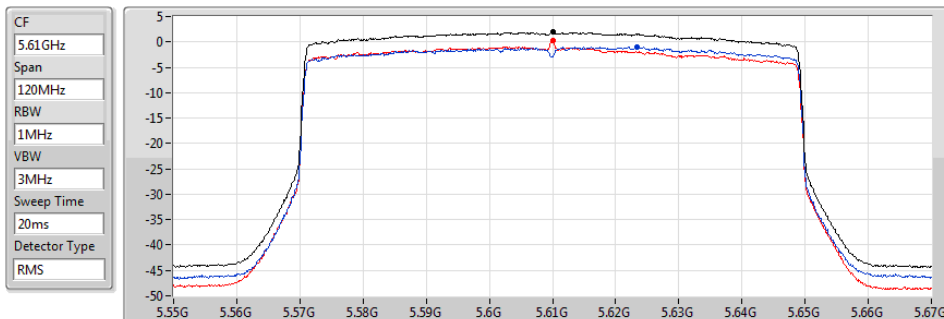
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
2.32	2.32	-0.48	0.49

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

06/08/2019



Sum
Port 1
Port 2

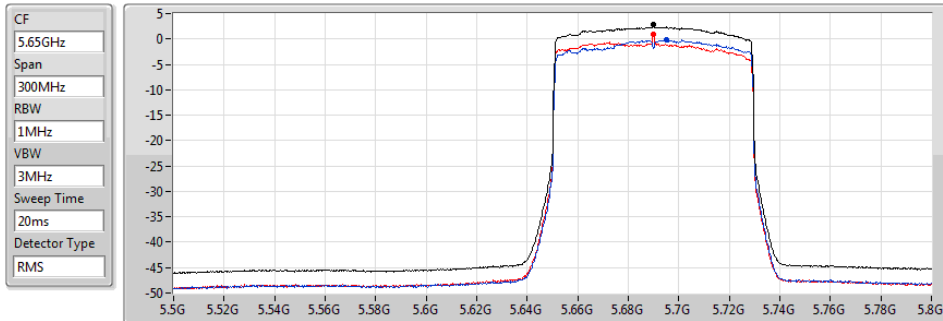
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
1.89	1.89	-1.04	0.19

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.83	2.83	-0.18	1.00

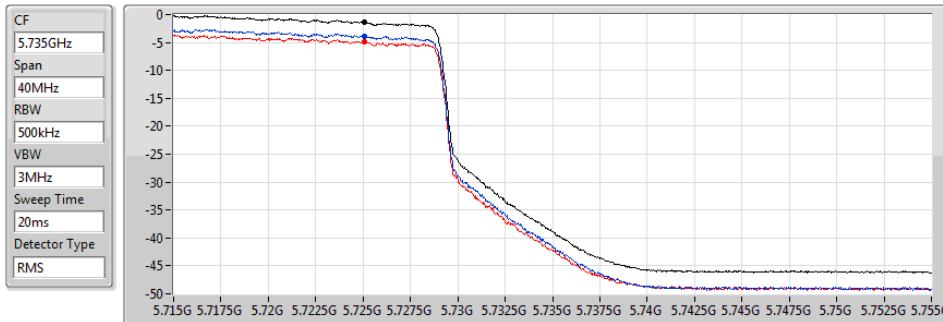
Sum
Port 1
Port 2

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

06/08/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.34	-1.34	-3.93	-4.82

Sum
Port 1
Port 2

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	5.70
802.11ax HEW20_Nss1,(MCS0)_4TX	5.82
802.11ax HEW40_Nss1,(MCS0)_4TX	5.70
802.11ax HEW80_Nss1,(MCS0)_4TX	5.22
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	5.85
802.11ax HEW20_Nss1,(MCS0)_4TX	5.81
802.11ax HEW40_Nss1,(MCS0)_4TX	5.62
802.11ax HEW80_Nss1,(MCS0)_4TX	5.17
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	3.43
802.11ax HEW20_Nss1,(MCS0)_4TX	3.50
802.11ax HEW40_Nss1,(MCS0)_4TX	2.59
802.11ax HEW80_Nss1,(MCS0)_4TX	0.71

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.11	-0.74	-0.71	-0.09	0.52	5.65	5.89
5300MHz	Pass	11.11	-0.70	-0.73	-0.32	0.55	5.57	5.89
5320MHz	Pass	11.11	-0.49	-0.57	-0.22	0.57	5.70	5.89
5500MHz	Pass	11.11	-0.93	-0.49	0.16	0.52	5.70	5.89
5580MHz	Pass	11.11	-0.10	-0.35	0.31	0.61	5.85	5.89
5700MHz	Pass	11.11	-0.26	-0.15	0.38	0.43	5.71	5.89
5720MHz Straddle 5.47-5.725GHz	Pass	11.11	-0.36	-0.43	-0.14	0.54	5.60	5.89
5720MHz Straddle 5.725-5.85GHz	Pass	11.11	-3.44	-2.61	-1.98	-2.11	3.43	24.89
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.11	-0.86	-0.45	0.47	0.64	5.82	5.89
5300MHz	Pass	11.11	-0.87	-0.50	0.09	0.56	5.79	5.89
5320MHz	Pass	11.11	-0.48	-0.67	-0.30	0.51	5.65	5.89
5500MHz	Pass	11.11	-0.42	-0.73	0.10	0.23	5.70	5.89
5580MHz	Pass	11.11	-0.58	-0.33	0.04	0.69	5.75	5.89
5700MHz	Pass	11.11	-0.31	-0.74	0.48	0.32	5.64	5.89
5720MHz Straddle 5.47-5.725GHz	Pass	11.11	-0.01	-0.11	0.58	0.47	5.81	5.89
5720MHz Straddle 5.725-5.85GHz	Pass	11.11	-2.42	-2.83	-2.25	-1.64	3.50	24.89
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.11	-0.99	-0.65	-0.17	0.47	5.56	5.89
5310MHz	Pass	11.11	-0.65	-0.78	0.21	0.78	5.70	5.89
5510MHz	Pass	11.11	-0.97	-0.80	-0.07	0.30	5.49	5.89
5550MHz	Pass	11.11	-0.84	-0.68	0.36	0.45	5.54	5.89
5670MHz	Pass	11.11	-0.82	-0.69	0.35	0.24	5.48	5.89
5710MHz Straddle 5.47-5.725GHz	Pass	11.11	-0.77	-0.48	0.34	0.33	5.62	5.89
5710MHz Straddle 5.725-5.85GHz	Pass	11.11	-3.69	-3.91	-3.32	-2.55	2.59	24.89
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.11	-1.25	-1.24	-0.53	0.34	5.22	5.89
5530MHz	Pass	11.11	-1.11	-0.98	-0.04	0.01	5.16	5.89
5610MHz	Pass	11.11	-0.87	-0.89	0.15	0.02	5.17	5.89
5690MHz Straddle 5.47-5.725GHz	Pass	11.11	-1.59	-1.16	-0.48	-0.68	4.73	5.89
5690MHz Straddle 5.725-5.85GHz	Pass	11.11	-5.26	-5.87	-5.37	-4.53	0.71	24.89

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

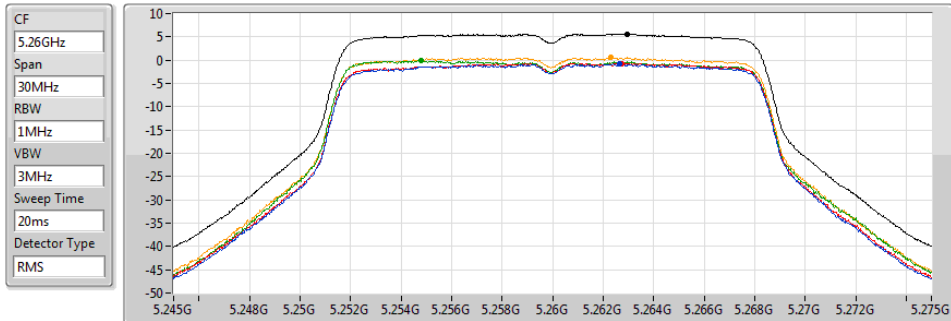
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

31/07/2019



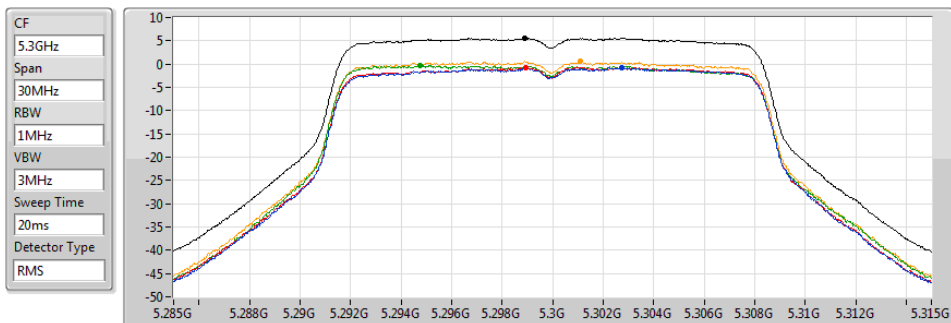
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.65	5.65	-0.74	-0.71	-0.09	0.52

802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

31/07/2019



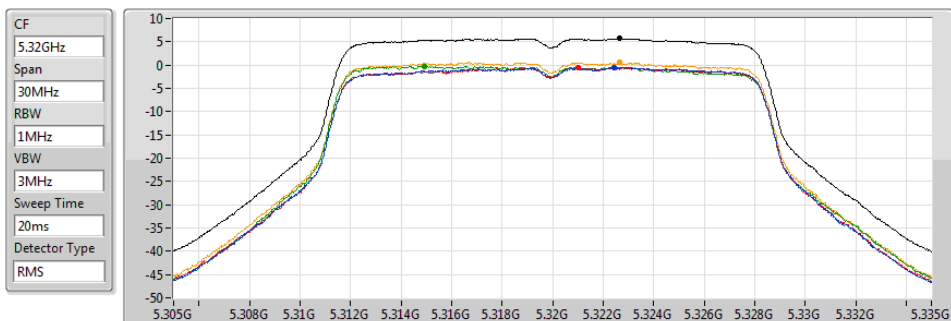
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.57	5.57	-0.70	-0.73	-0.32	0.55

802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

31/07/2019



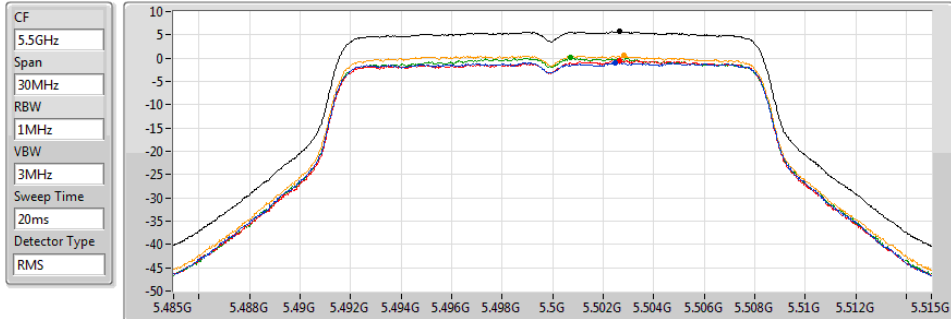
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.70	5.70	-0.49	-0.57	-0.22	0.57

802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

31/07/2019



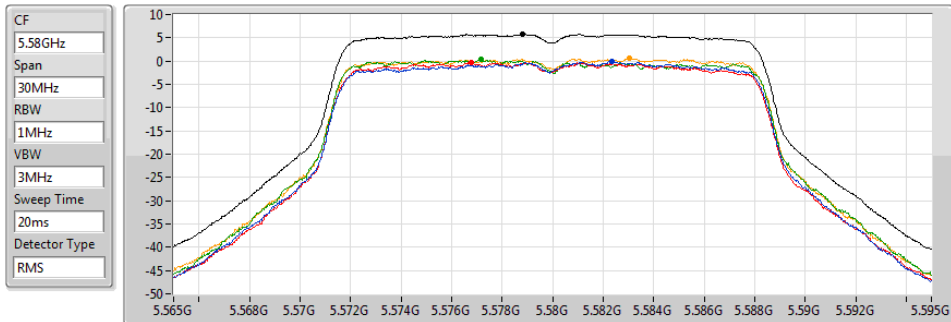
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.70	5.70	-0.93	-0.49	0.16	0.52

802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

31/07/2019



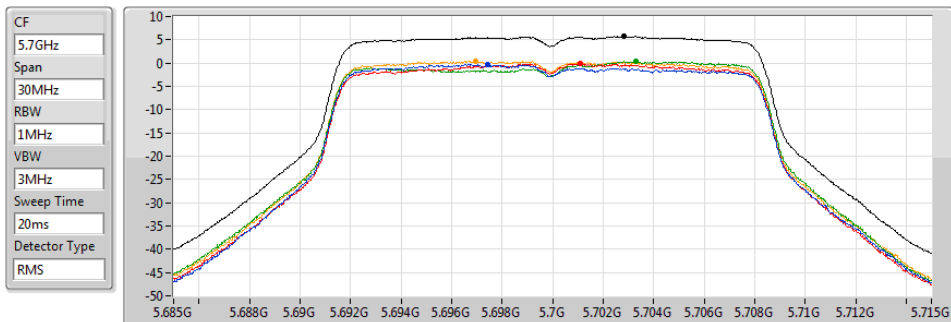
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.85	5.85	-0.10	-0.35	0.31	0.61

802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

31/07/2019



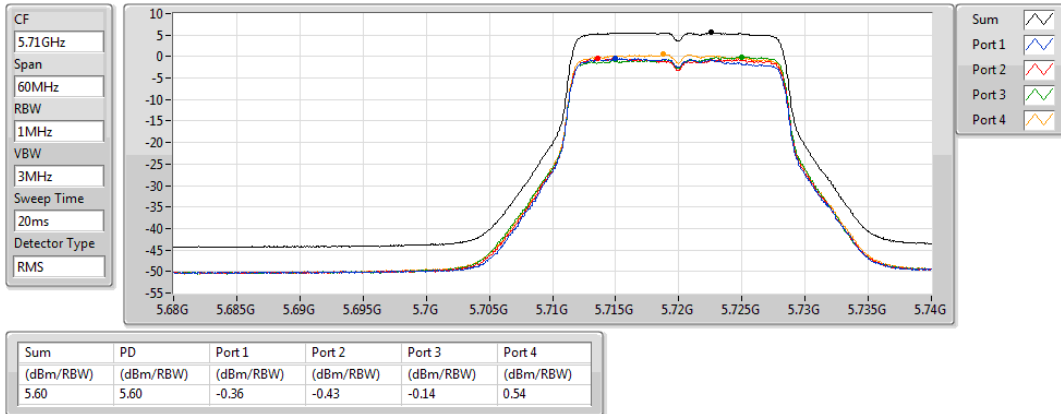
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.71	5.71	-0.26	-0.15	0.38	0.43

802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

31/07/2019

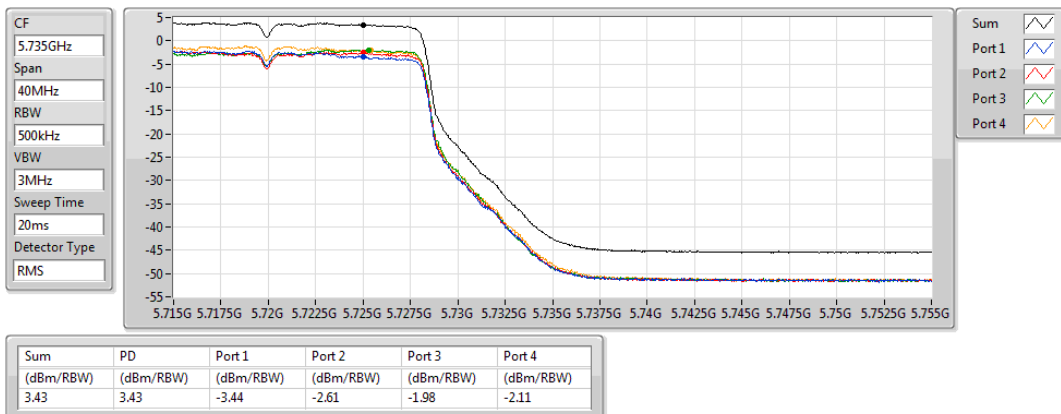


802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

31/07/2019

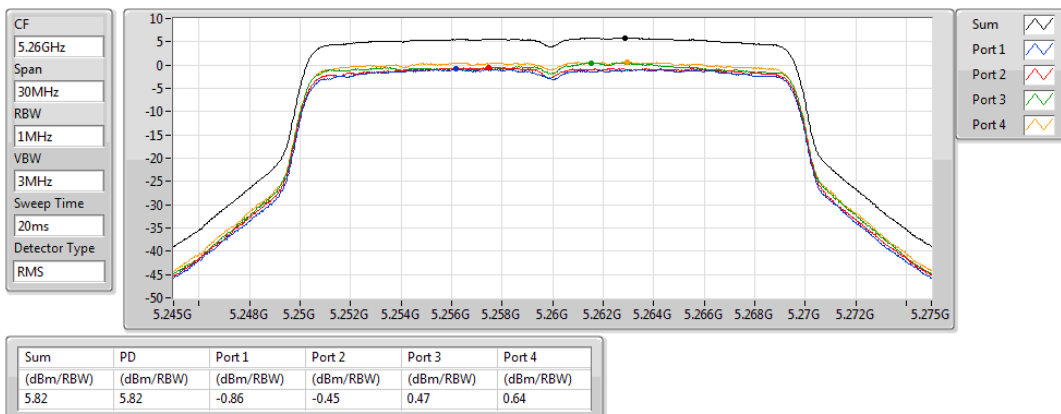


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

01/08/2019

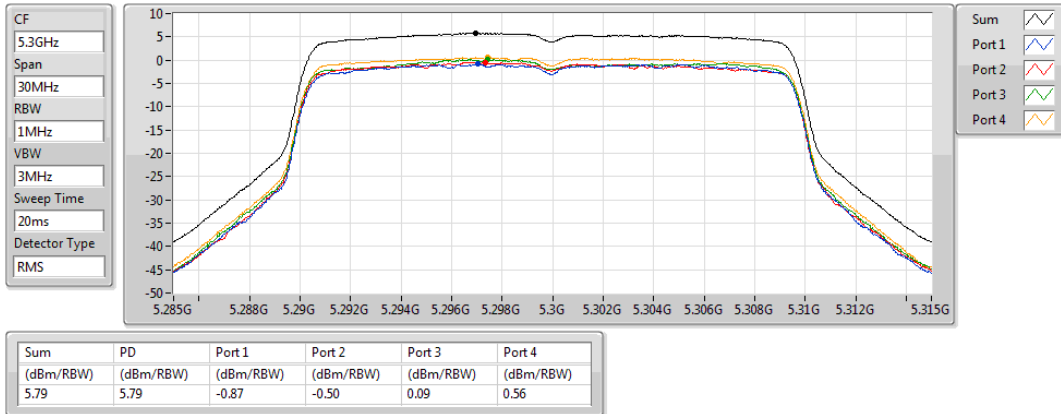


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

01/08/2019

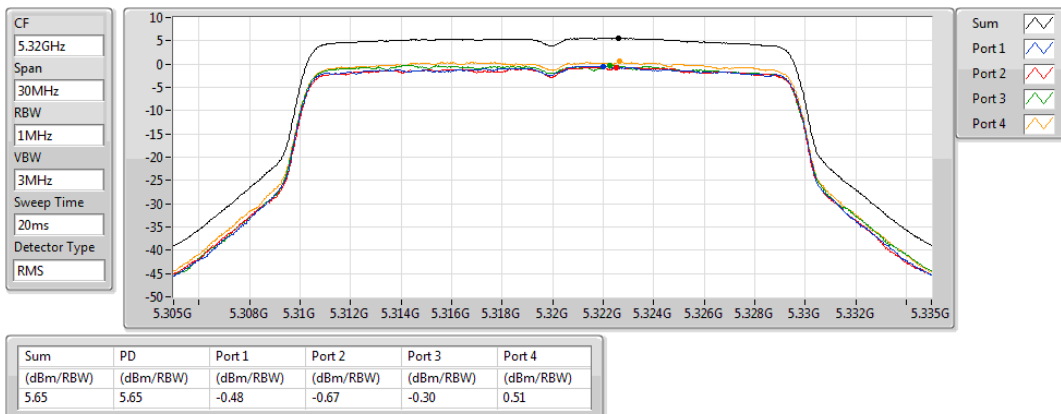


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

01/08/2019

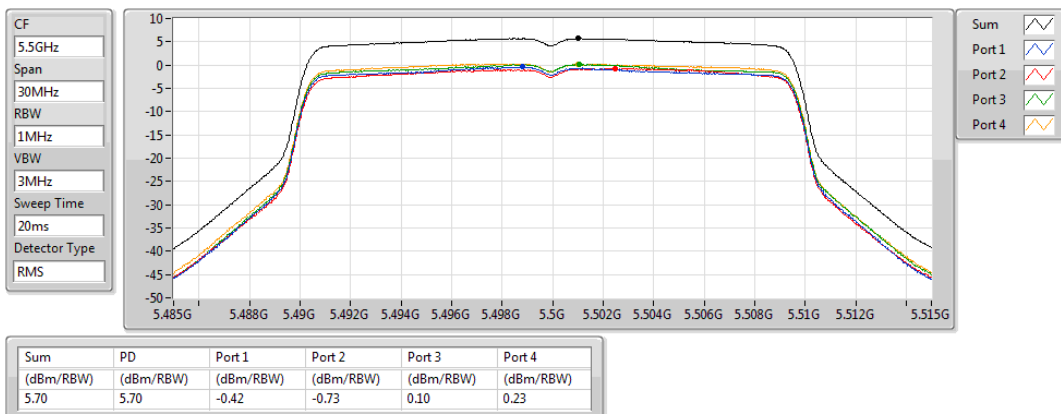


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

01/08/2019

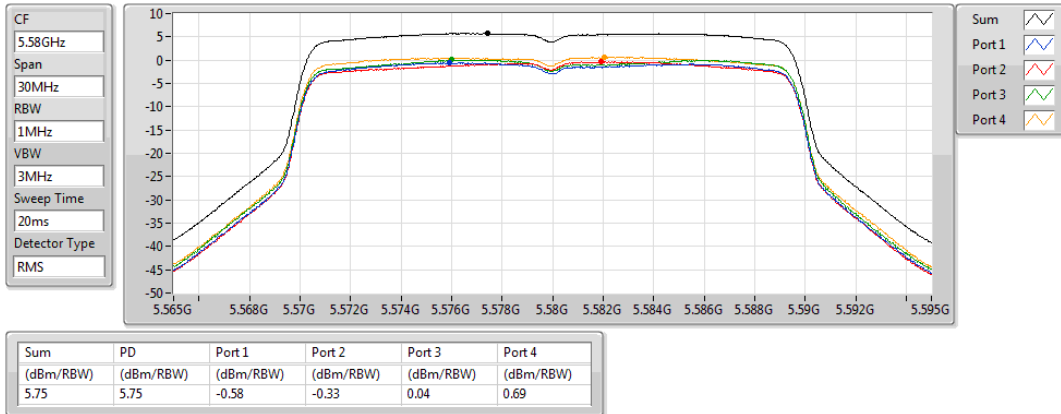


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

01/08/2019

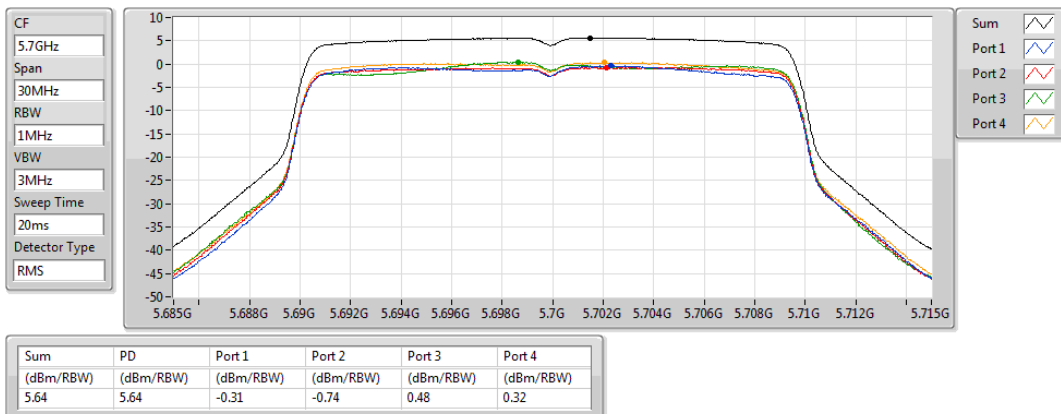


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

01/08/2019

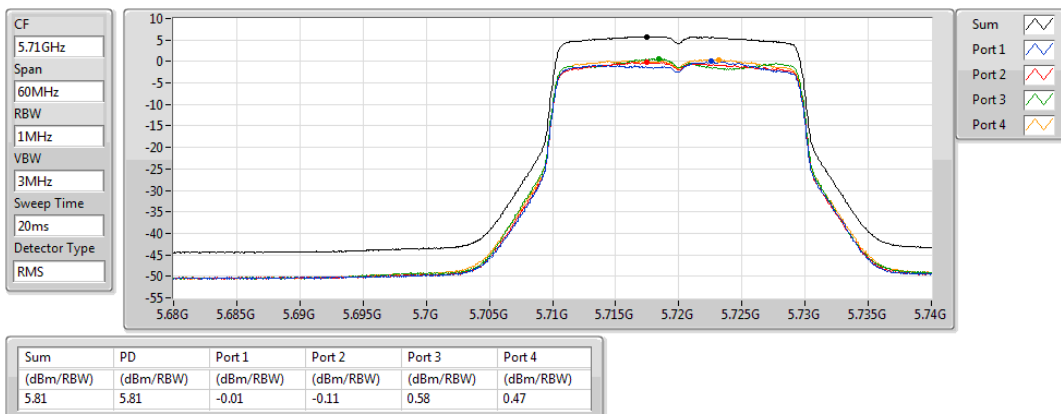


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

01/08/2019

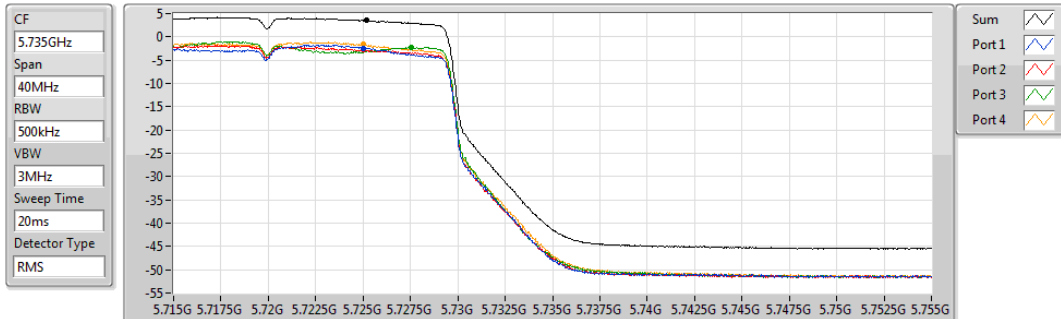


802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

01/08/2019



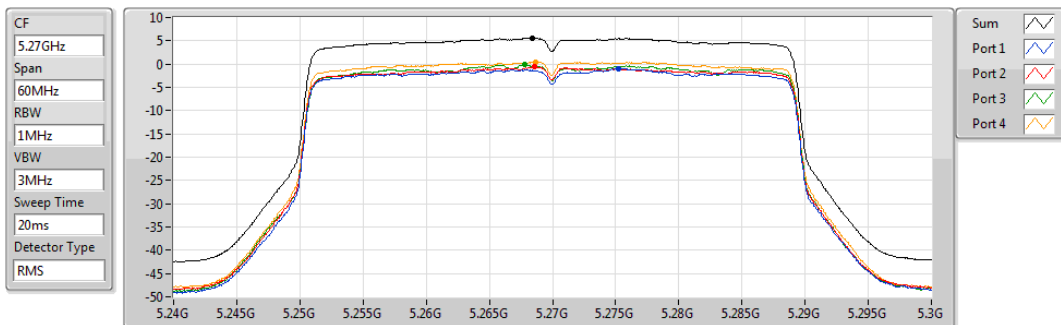
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.50	3.50	-2.42	-2.83	-2.25	-1.64

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

01/08/2019



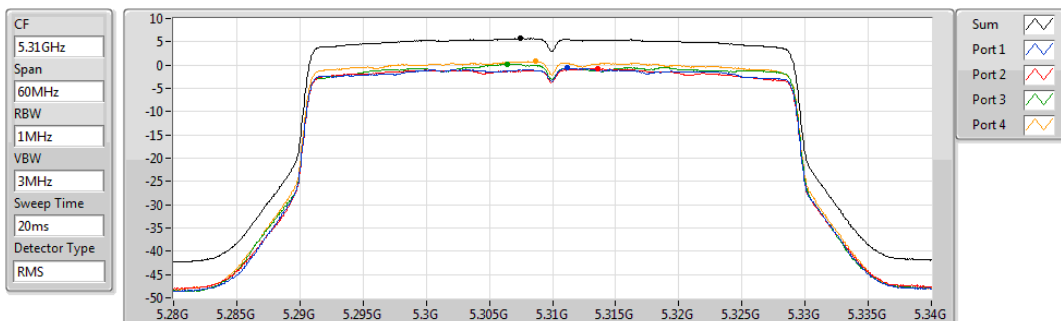
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.56	5.56	-0.99	-0.65	-0.17	0.47

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

01/08/2019



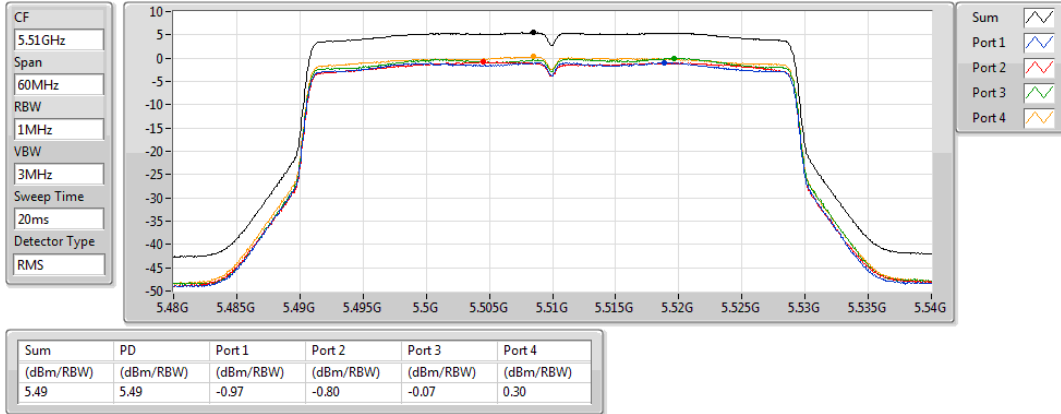
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.70	5.70	-0.65	-0.78	0.21	0.78

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

01/08/2019

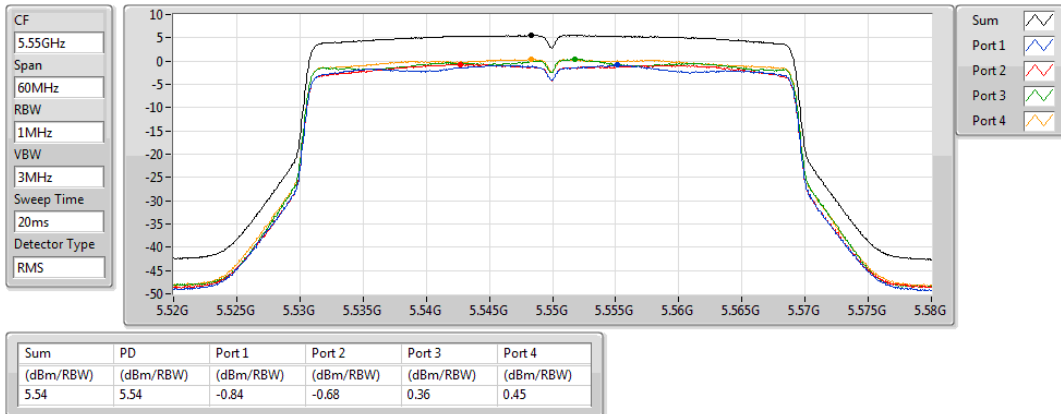


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

01/08/2019

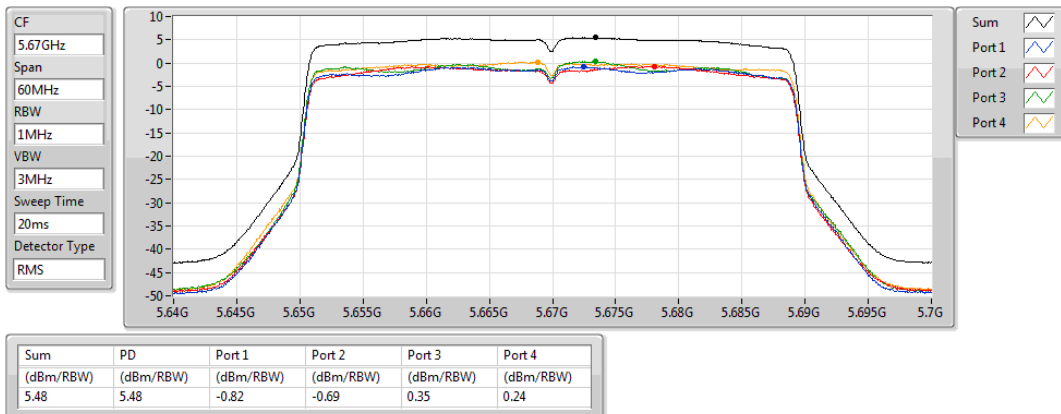


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

01/08/2019

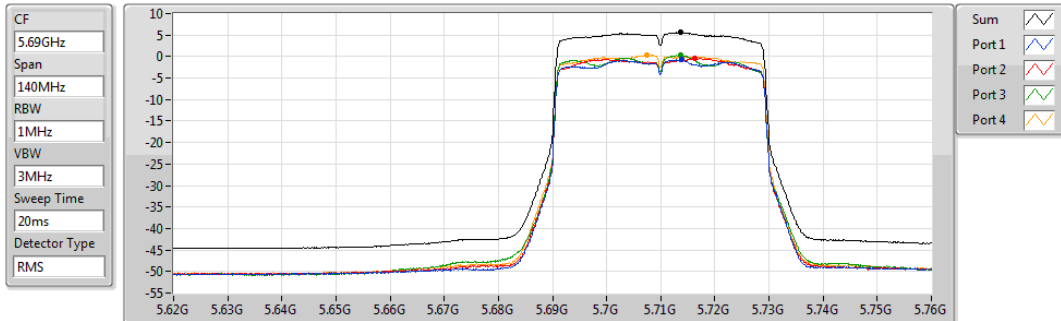


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

01/08/2019



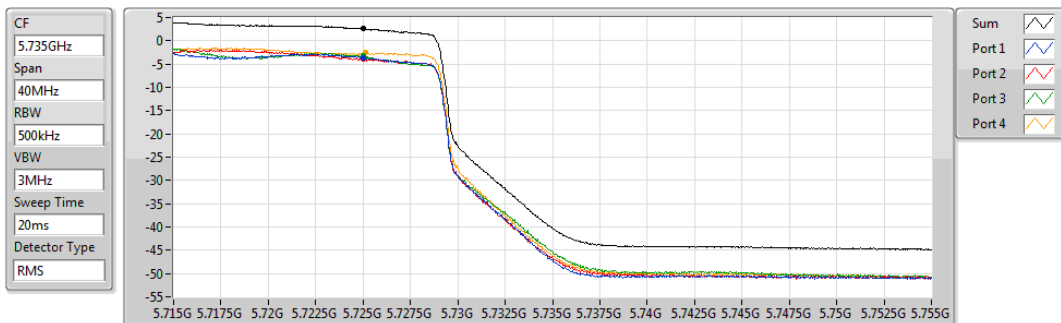
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.62	5.62	-0.77	-0.48	0.34	0.33

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

01/08/2019



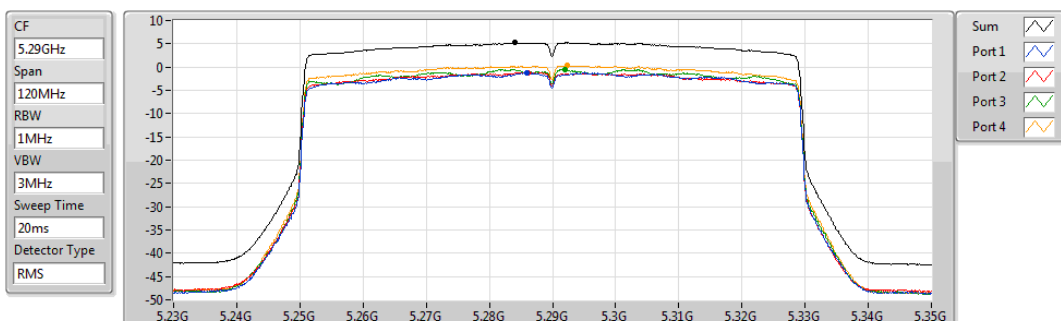
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.59	2.59	-3.69	-3.91	-3.32	-2.55

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

01/08/2019



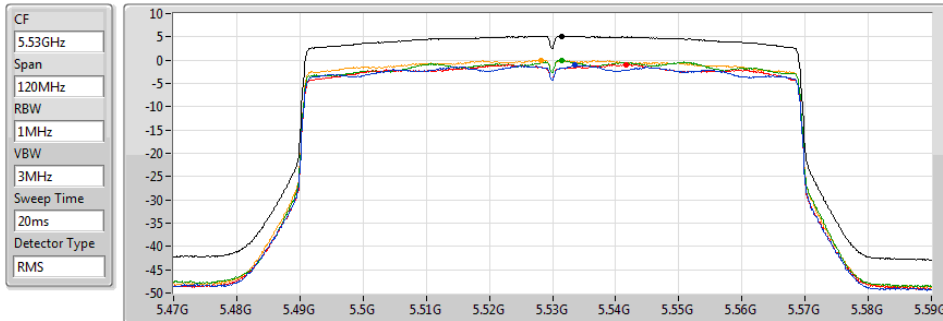
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.22	5.22	-1.25	-1.24	-0.53	0.34

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

01/08/2019



Sum
Port 1
Port 2
Port 3
Port 4

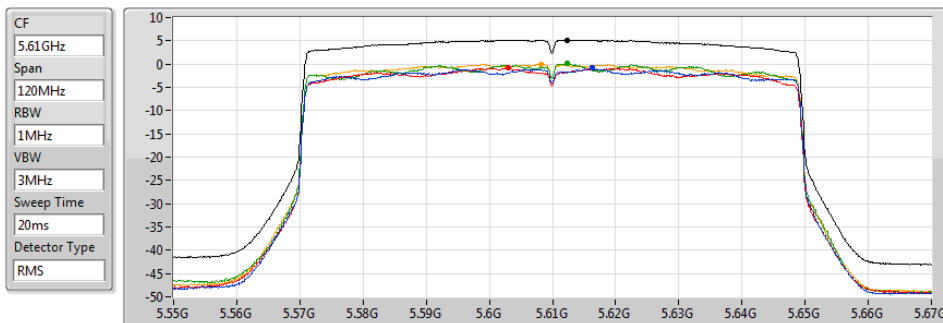
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.16	5.16	-1.11	-0.98	-0.04	0.01

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

01/08/2019



Sum
Port 1
Port 2
Port 3
Port 4

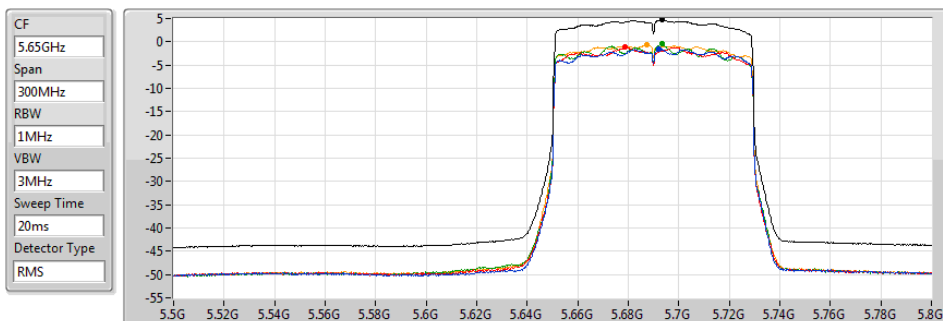
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.17	5.17	-0.87	-0.89	0.15	0.02

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

01/08/2019



Sum
Port 1
Port 2
Port 3
Port 4

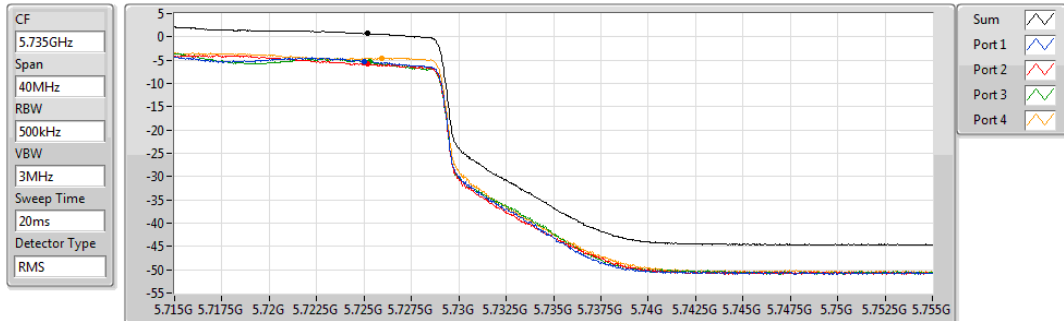
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.73	4.73	-1.59	-1.16	-0.48	-0.68

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

01/08/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.71	0.71	-5.26	-5.87	-5.37	-4.53

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	5.22
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	2.11
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.84
5.47-5.725GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	5.28
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	3.42
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.03
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	3.50
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.43
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-4.65

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.11	-1.08	-1.08	-0.52	-0.11	5.22	5.89
5300MHz	Pass	11.11	-0.64	-1.20	-0.80	-0.30	5.10	5.89
5320MHz	Pass	11.11	-0.55	-1.18	-0.67	-0.13	5.22	5.89
5500MHz	Pass	11.11	-0.93	-0.79	0.52	-0.08	5.18	5.89
5580MHz	Pass	11.11	-1.31	-0.75	1.20	-0.20	5.22	5.89
5700MHz	Pass	11.11	-0.61	-0.54	-1.17	-0.08	5.28	5.89
5720MHz Straddle 5.47-5.725GHz	Pass	11.11	-0.64	-1.00	-0.90	0.00	5.13	5.89
5720MHz Straddle 5.725-5.85GHz	Pass	11.11	-2.58	-2.86	-3.00	-1.57	3.50	24.89
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	11.11	-4.37	-3.87	-3.53	-3.15	2.11	5.89
5310MHz	Pass	11.11	-3.63	-4.14	-3.90	-3.22	2.10	5.89
5510MHz	Pass	11.11	-3.72	-3.90	-2.89	-3.51	2.12	5.89
5550MHz	Pass	11.11	-4.51	-3.91	-2.68	-3.62	1.77	5.89
5670MHz	Pass	11.11	-0.03	-3.85	-3.98	-2.59	3.42	5.89
5710MHz Straddle 5.47-5.725GHz	Pass	11.11	-3.08	-3.12	-3.49	-1.99	2.99	5.89
5710MHz Straddle 5.725-5.85GHz	Pass	11.11	-5.54	-6.11	-6.22	-4.45	0.43	24.89
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	11.11	-7.26	-5.58	-5.70	-6.55	-0.84	5.89
5530MHz	Pass	11.11	-7.21	-5.76	-4.65	-6.47	-0.32	5.89
5610MHz	Pass	11.11	-7.05	-6.13	-5.23	-6.27	-0.56	5.89
5690MHz Straddle 5.47-5.725GHz	Pass	11.11	-6.50	-5.28	-5.15	-5.68	-0.03	5.89
5690MHz Straddle 5.725-5.85GHz	Pass	11.11	-10.41	-11.39	-11.03	-9.87	-4.65	24.89

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

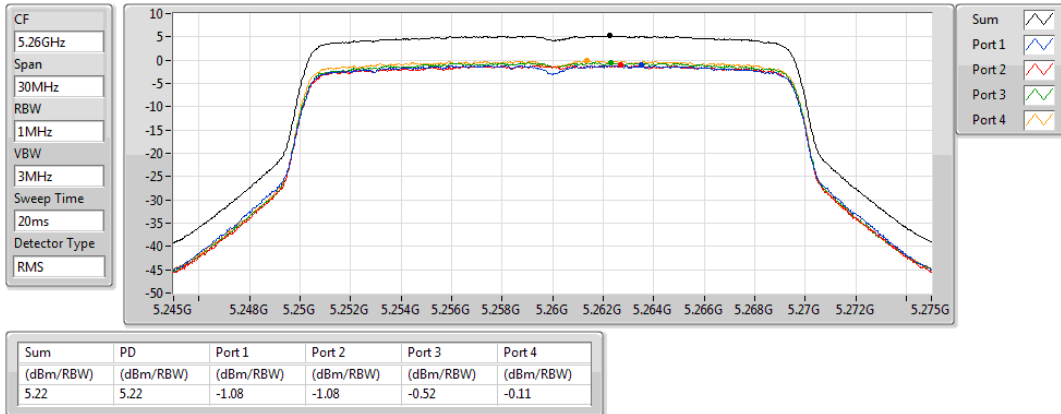
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5260MHz

03/08/2019

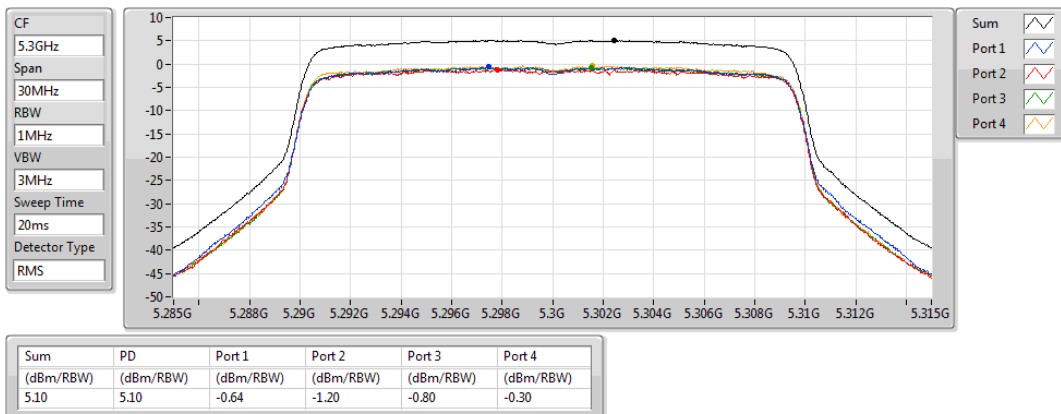


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

03/08/2019

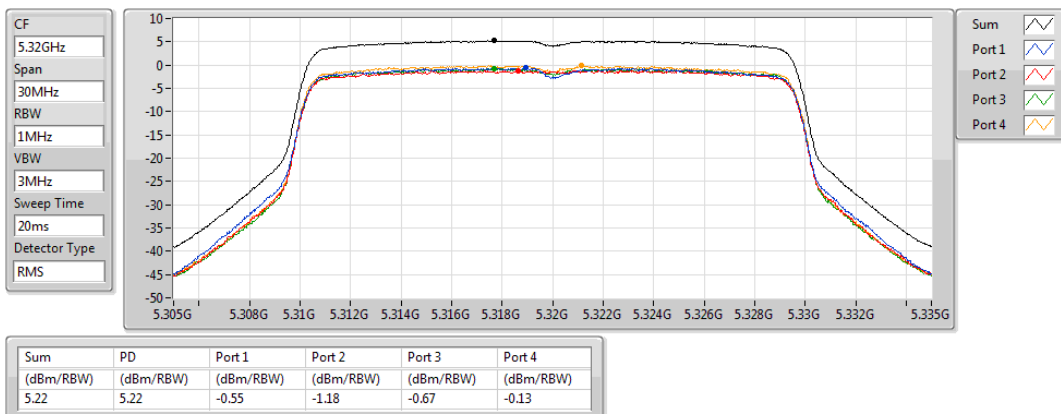


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5320MHz

03/08/2019

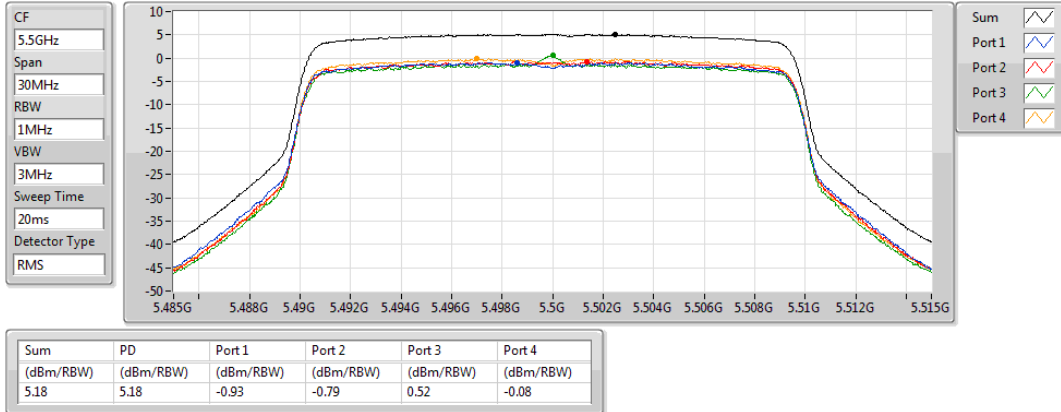


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5500MHz

03/08/2019

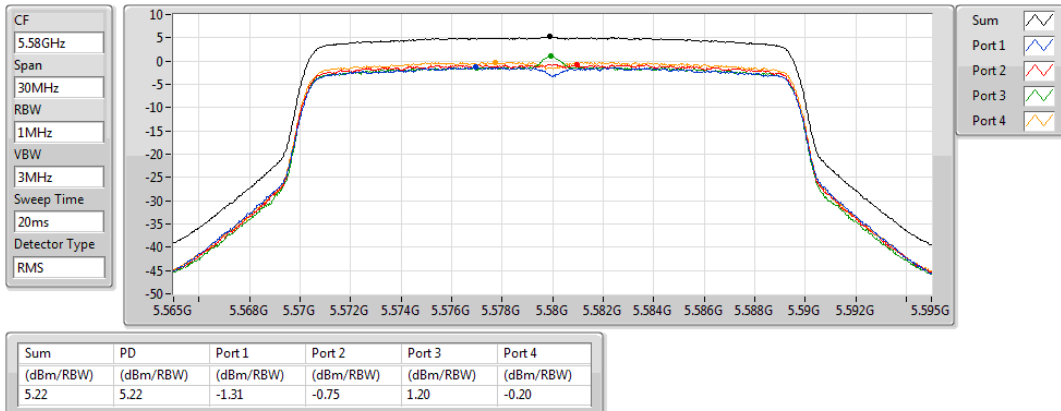


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

03/08/2019

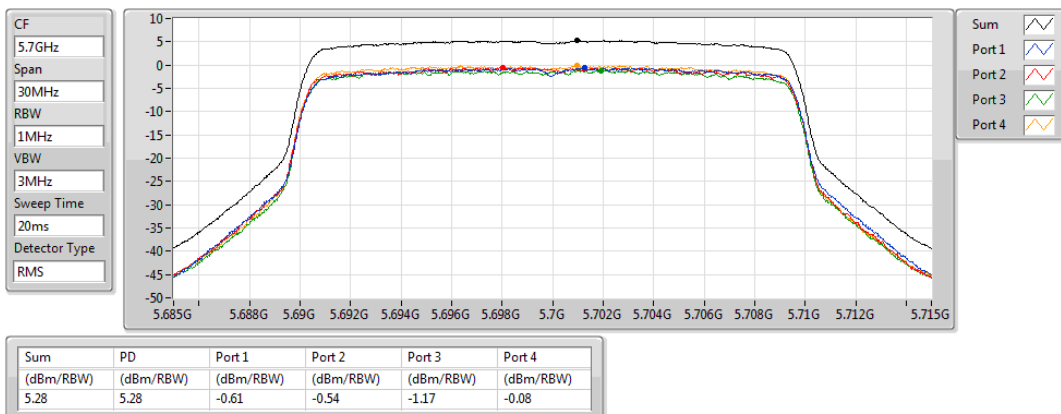


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

03/08/2019

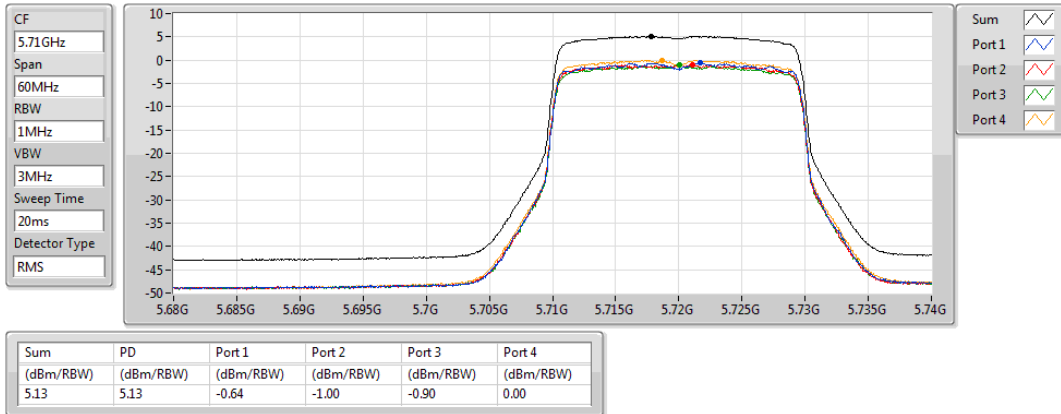


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

05/08/2019

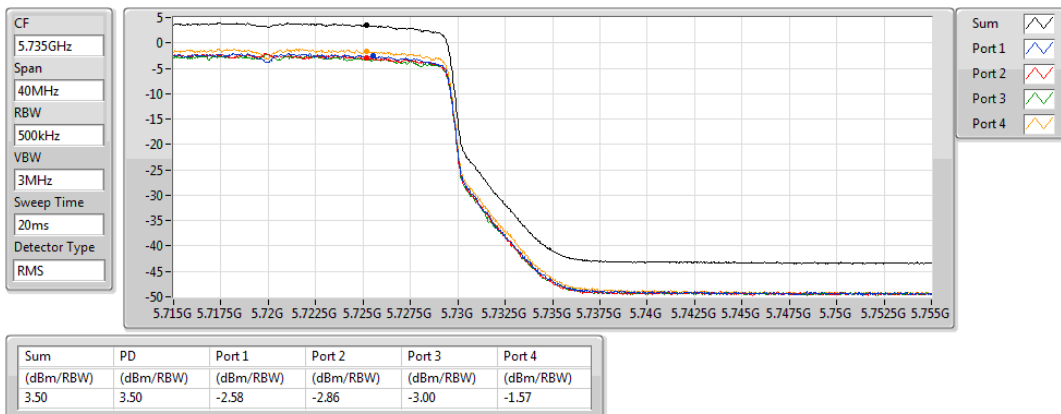


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

05/08/2019

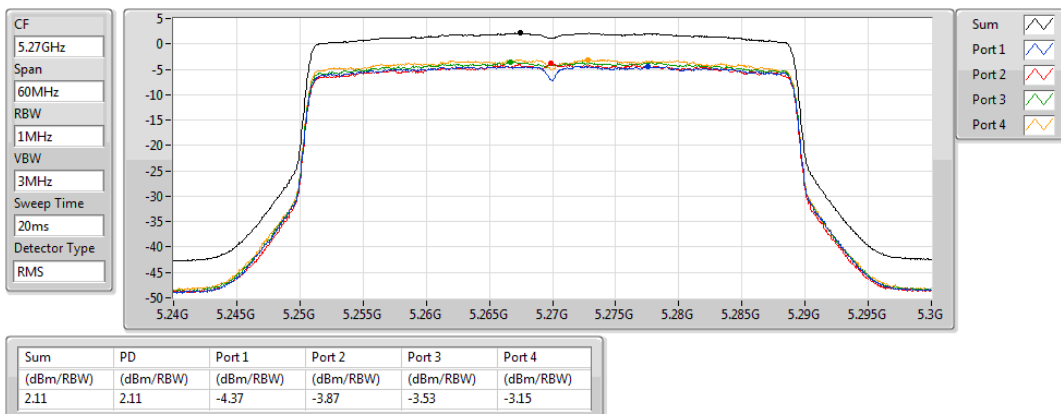


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5270MHz

05/08/2019

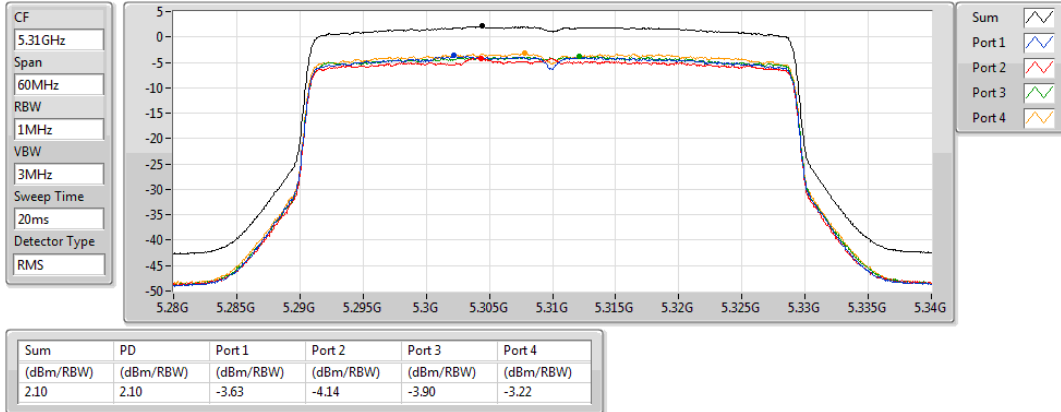


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5310MHz

05/08/2019

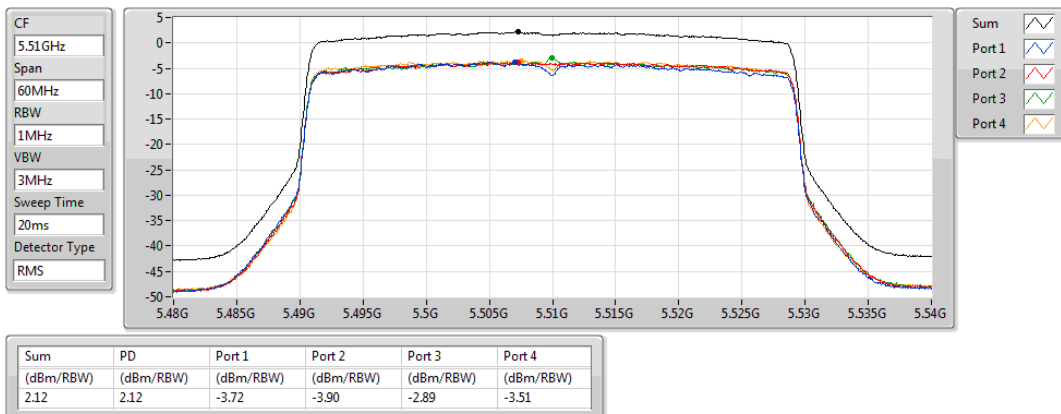


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5510MHz

05/08/2019

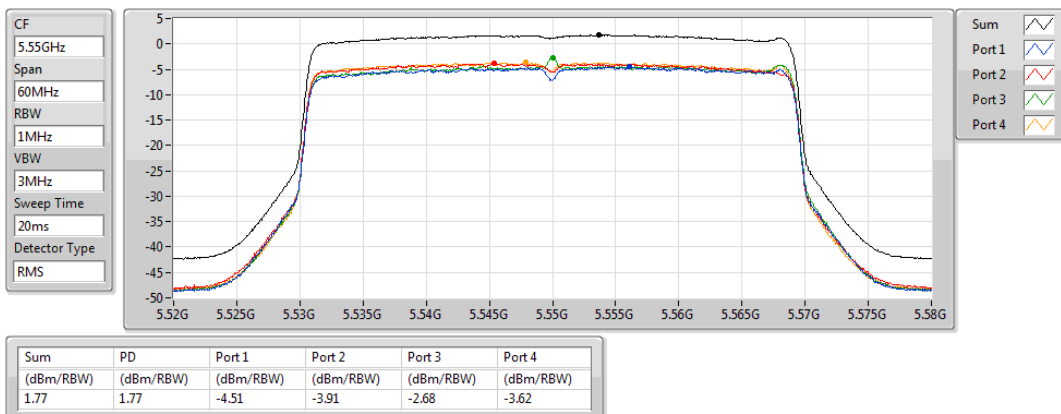


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5550MHz

05/08/2019

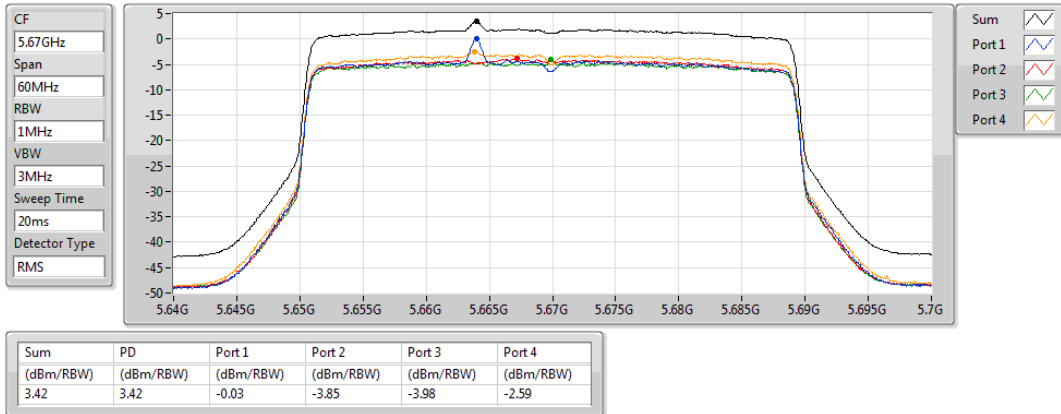


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5670MHz

05/08/2019

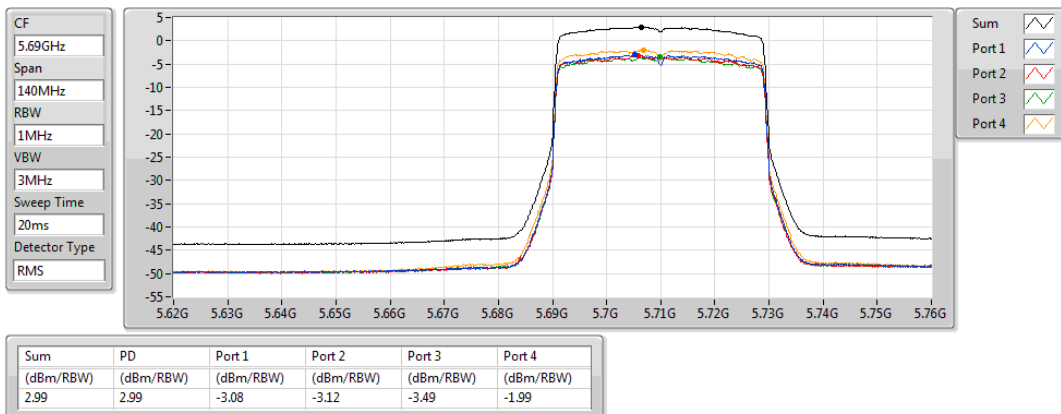


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

05/08/2019

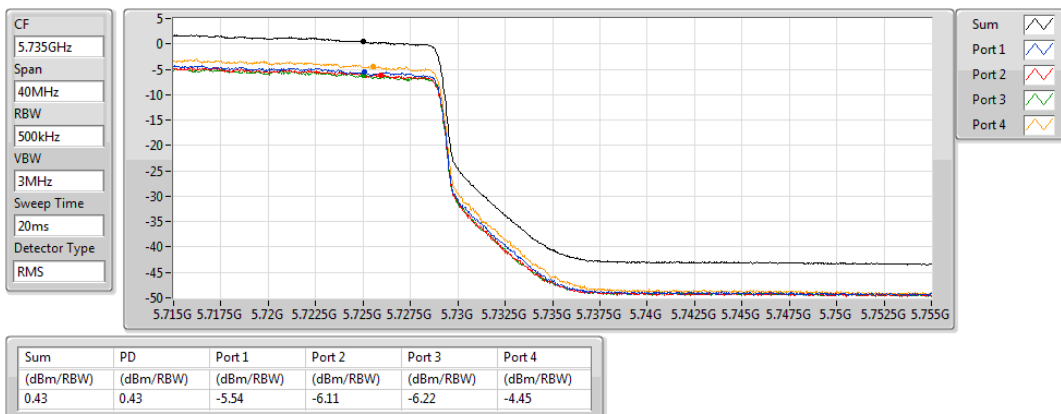


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

05/08/2019

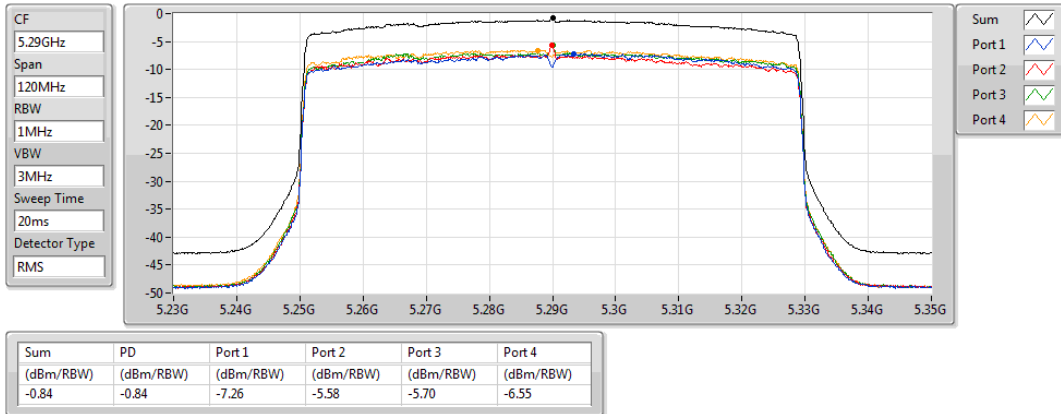


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5290MHz

05/08/2019

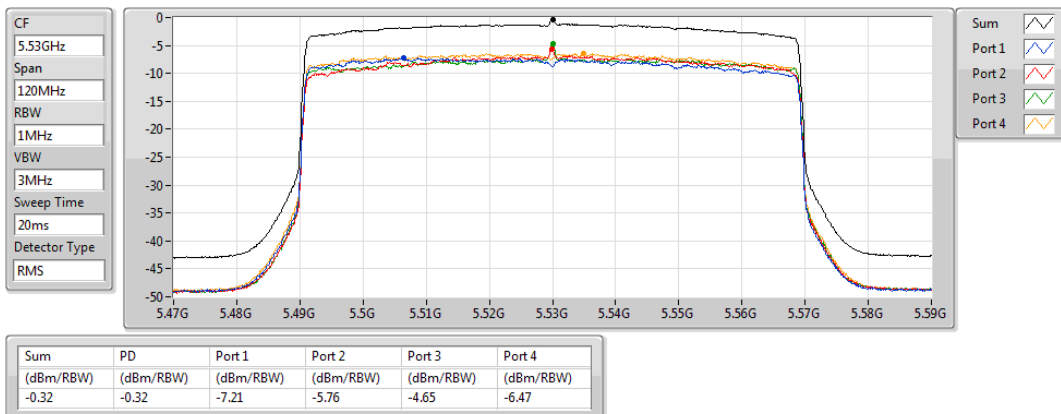


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

05/08/2019

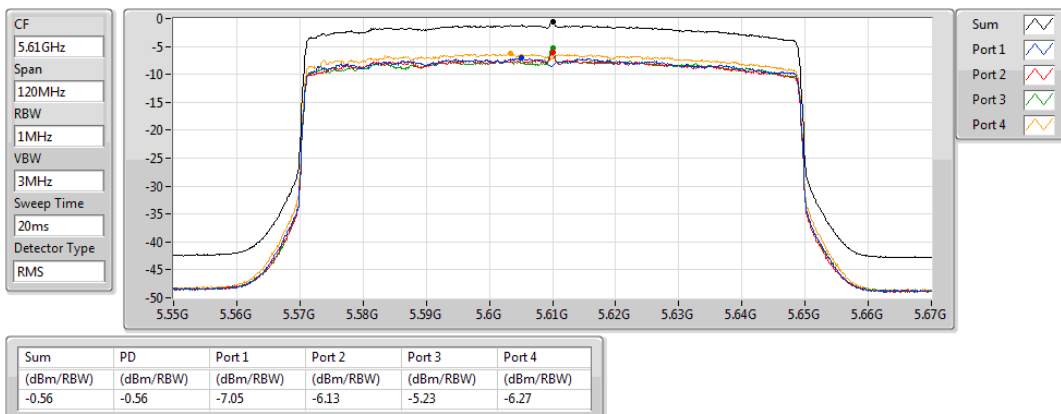


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5610MHz

05/08/2019

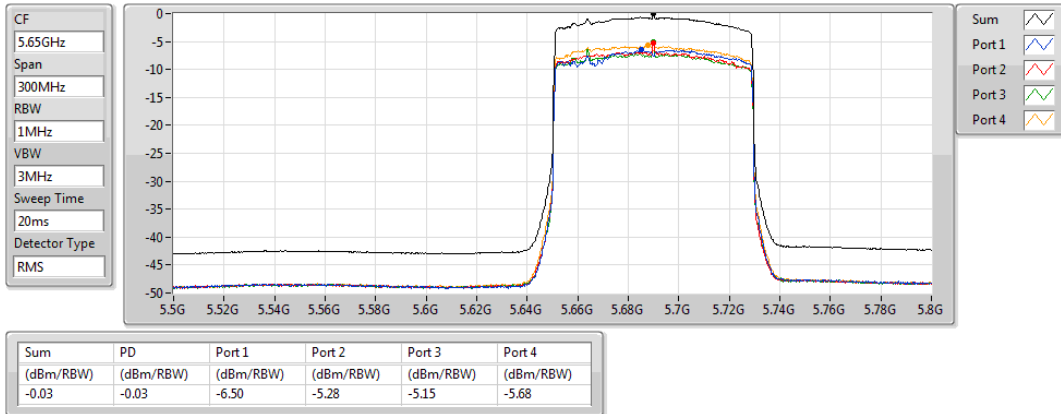


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

05/08/2019

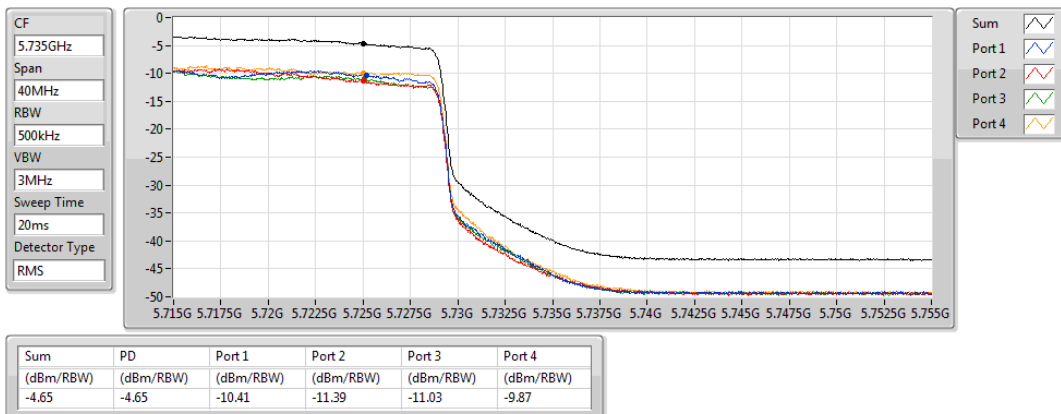


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

05/08/2019



Summary

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

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	3.37	10.95	10.95	11.00
5300MHz	Pass	3.37	10.96	10.96	11.00
5320MHz	Pass	3.37	10.77	10.77	11.00
5500MHz	Pass	3.37	10.96	10.96	11.00
5580MHz	Pass	3.37	10.92	10.92	11.00
5700MHz	Pass	3.37	10.82	10.82	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.37	10.90	10.90	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.37	8.85	8.85	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	3.37	10.72	10.72	11.00
5300MHz	Pass	3.37	10.81	10.81	11.00
5320MHz	Pass	3.37	10.49	10.49	11.00
5500MHz	Pass	3.37	10.69	10.69	11.00
5580MHz	Pass	3.37	10.54	10.54	11.00
5700MHz	Pass	3.37	10.50	10.50	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.37	10.39	10.39	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.37	8.54	8.54	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	3.37	7.76	7.76	11.00
5310MHz	Pass	3.37	7.87	7.87	11.00
5510MHz	Pass	3.37	6.75	6.75	11.00
5550MHz	Pass	3.37	7.80	7.80	11.00
5670MHz	Pass	3.37	7.06	7.06	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.37	8.14	8.14	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.37	5.47	5.47	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	3.37	4.70	4.70	11.00
5530MHz	Pass	3.37	3.28	3.28	11.00
5610MHz	Pass	3.37	4.54	4.54	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.37	4.76	4.76	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.37	1.58	1.58	30.00

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

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

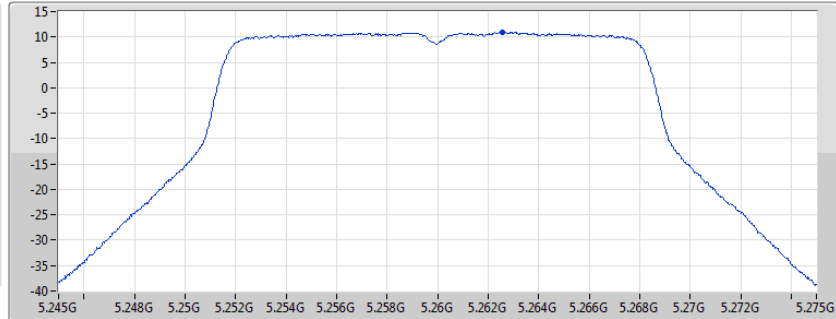
802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

03/08/2019

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



Port 1

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

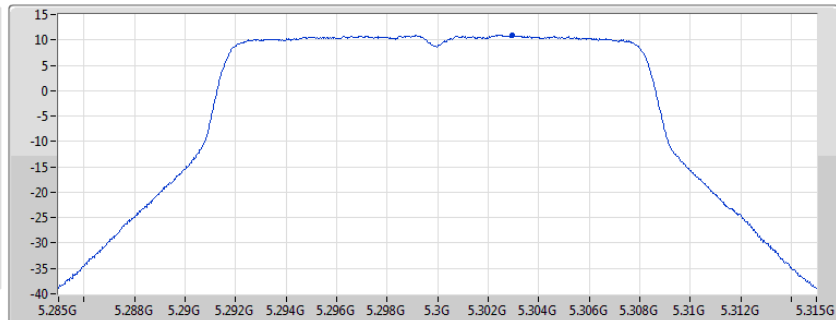
802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

03/08/2019

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



Port 1

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

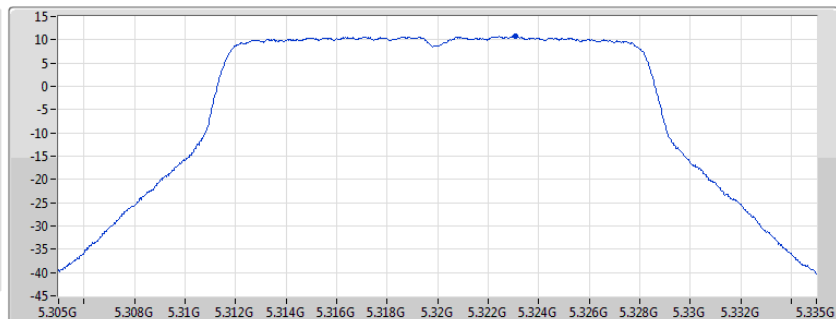
802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

03/08/2019

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



Port 1

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

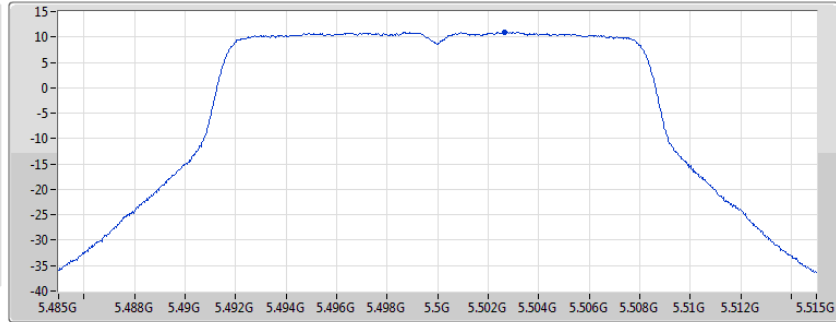
802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

03/08/2019

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



Port 1

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

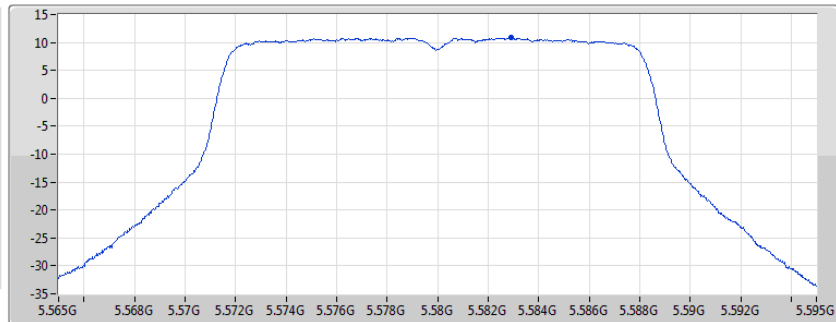
802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

03/08/2019

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



Port 1

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

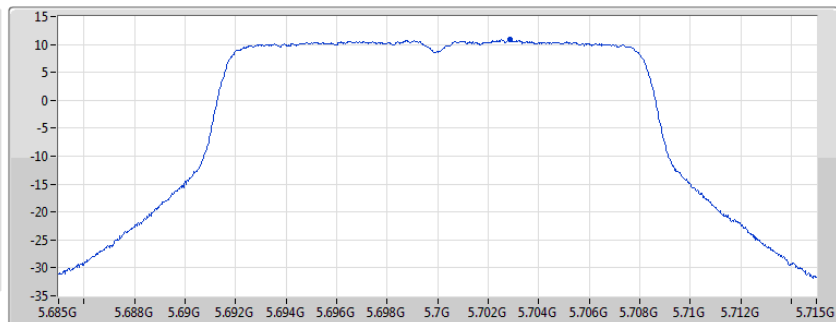
802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

03/08/2019

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



Port 1

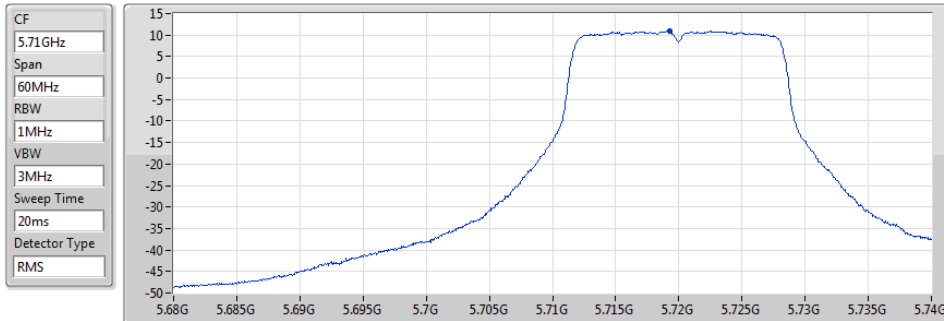
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.82	10.82	10.82

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

03/08/2019



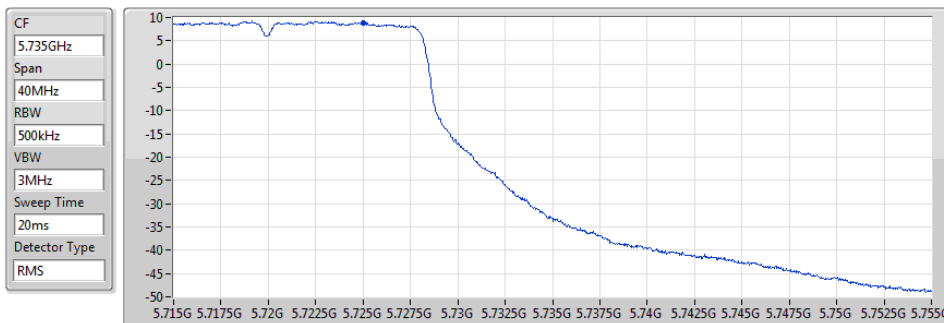
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.90	10.90	10.90

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

03/08/2019



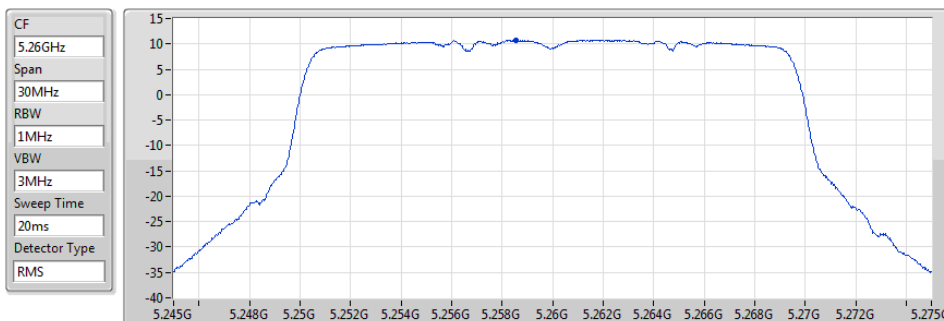
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.85	8.85	8.85

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

03/08/2019



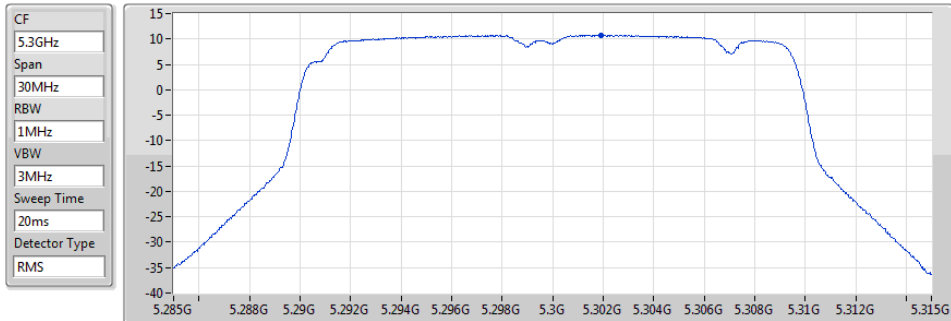
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.72	10.72	10.72

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

03/08/2019



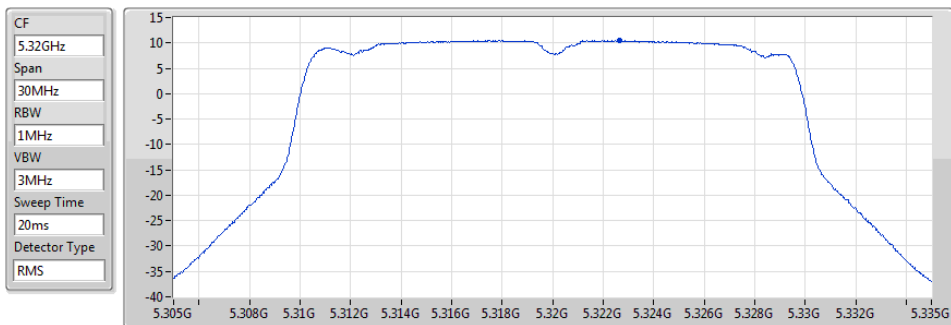
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.81	10.81	10.81

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

03/08/2019



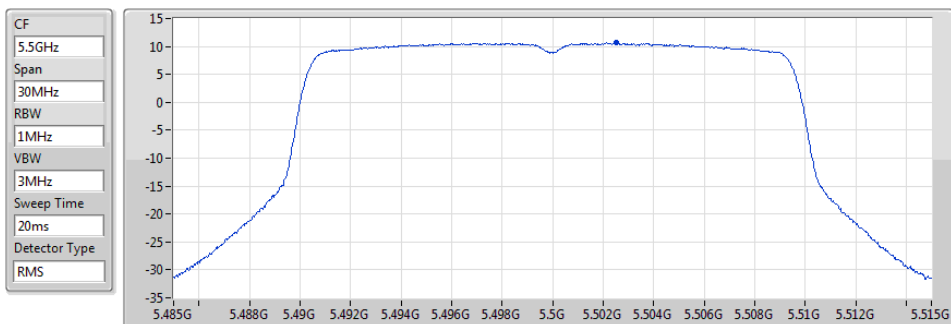
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.49	10.49	10.49

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

03/08/2019



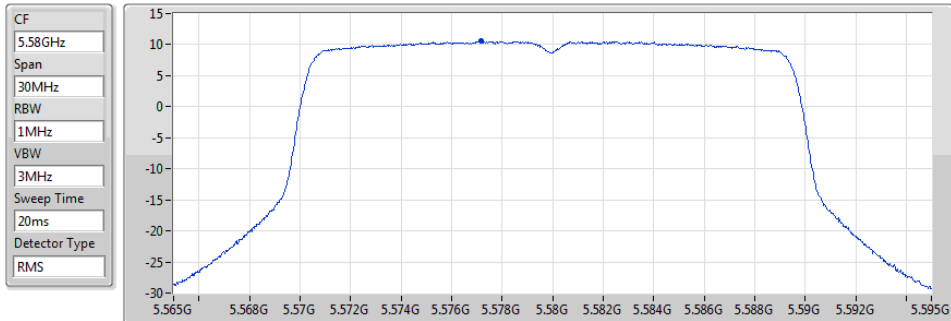
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.69	10.69	10.69

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

03/08/2019



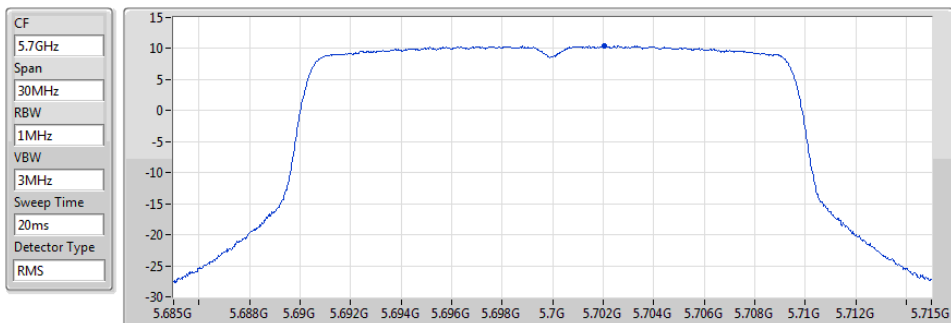
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.54	10.54	10.54

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

03/08/2019



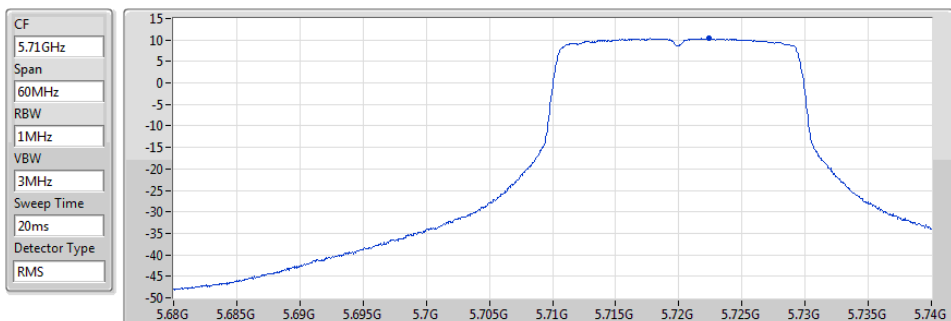
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.50	10.50	10.50

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

03/08/2019



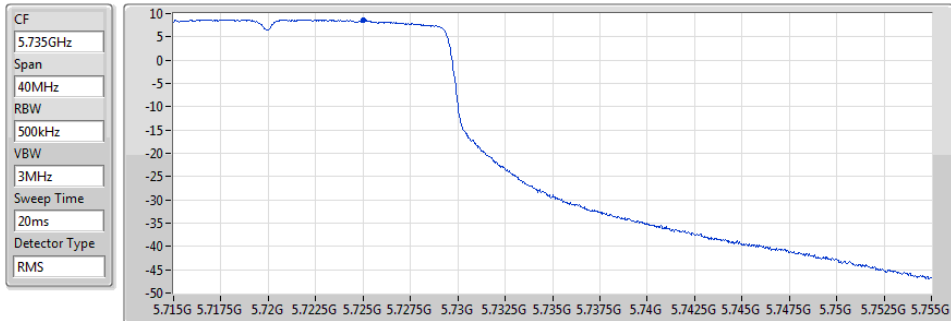
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.39	10.39	10.39

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

03/08/2019



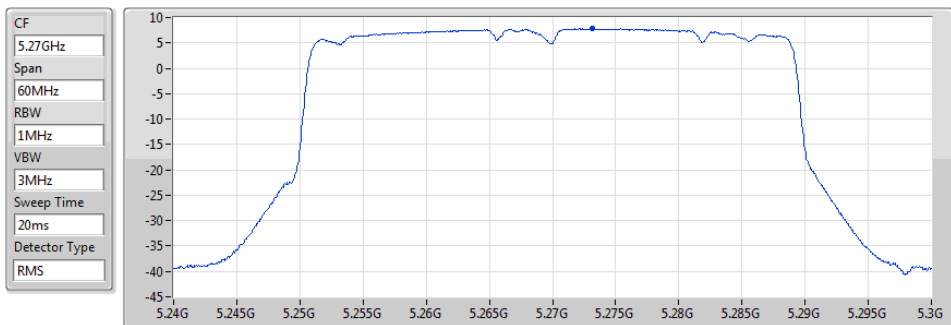
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.54	8.54	8.54

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

03/08/2019



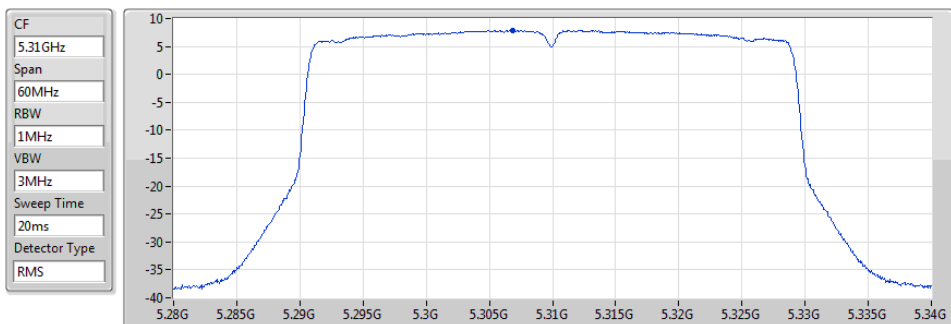
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.76	7.76	7.76

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

03/08/2019



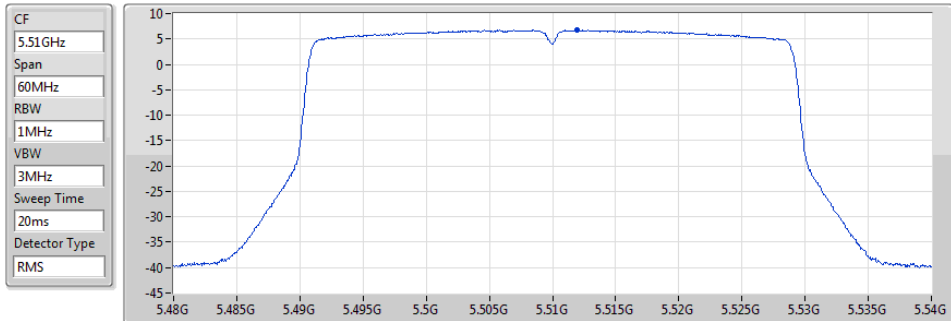
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.87	7.87	7.87

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5510MHz

03/08/2019



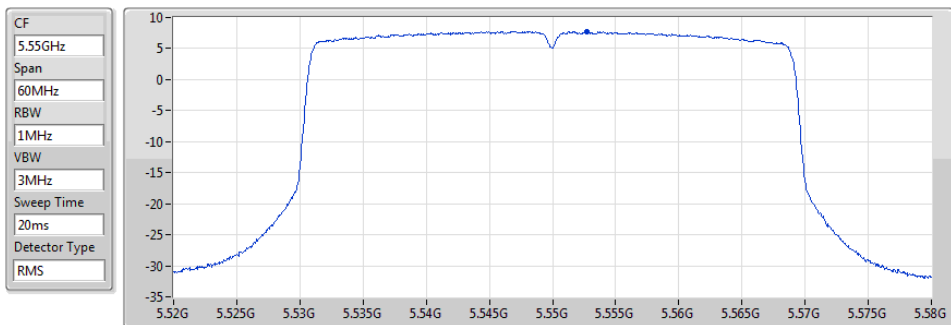
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.75	6.75	6.75

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

03/08/2019



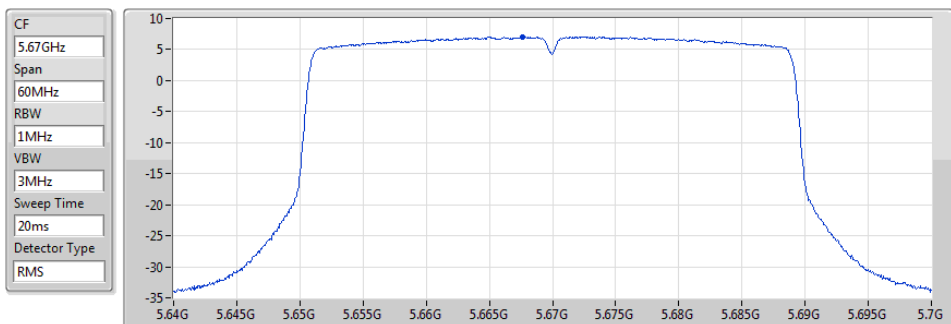
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.80	7.80	7.80

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

03/08/2019



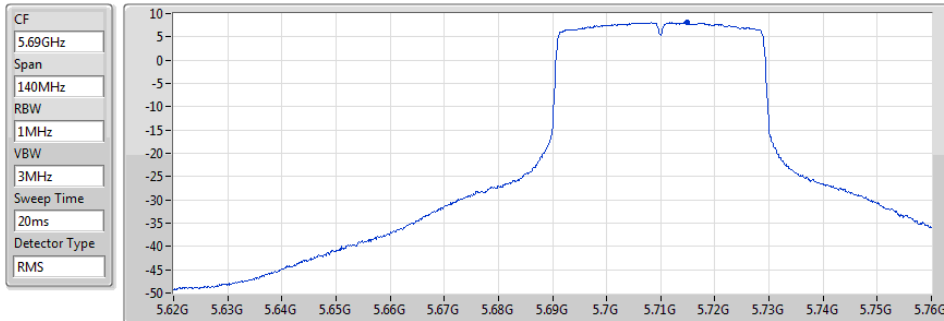
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.06	7.06	7.06

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

03/08/2019



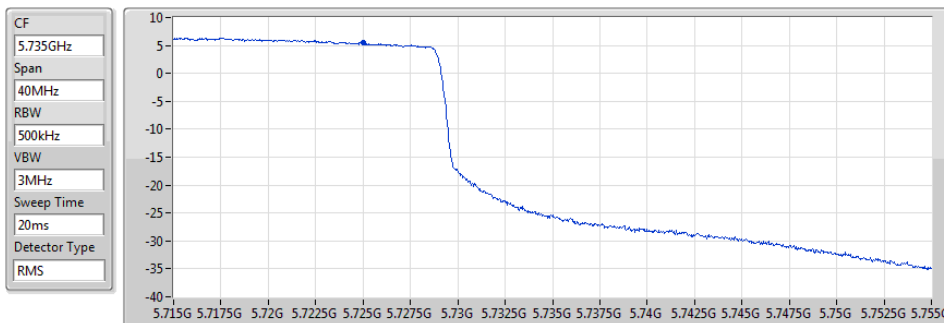
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.14	8.14	8.14

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

03/08/2019



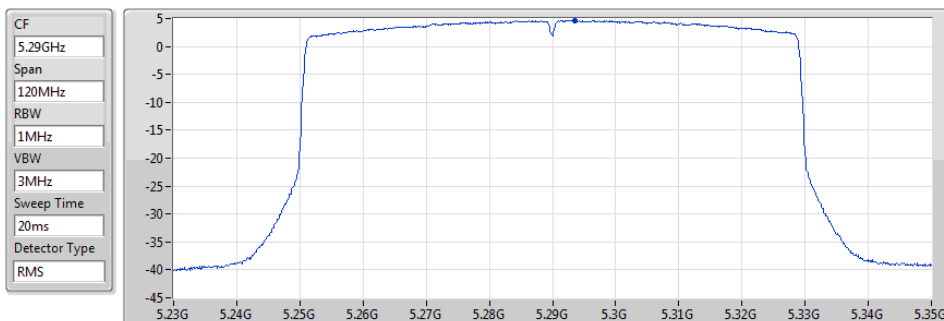
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.47	5.47	5.47

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

03/08/2019



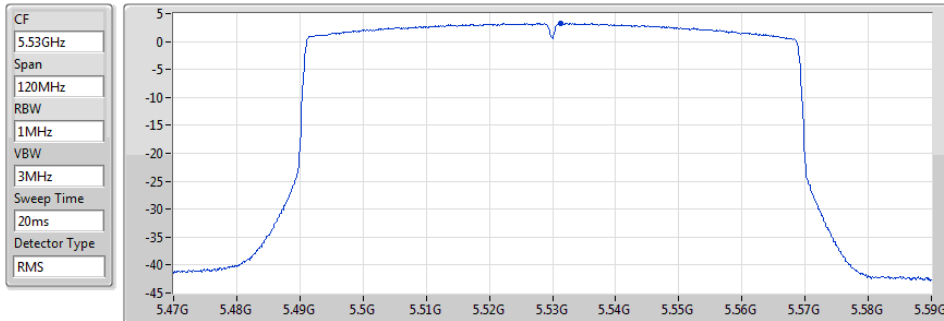
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.70	4.70	4.70

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

03/08/2019



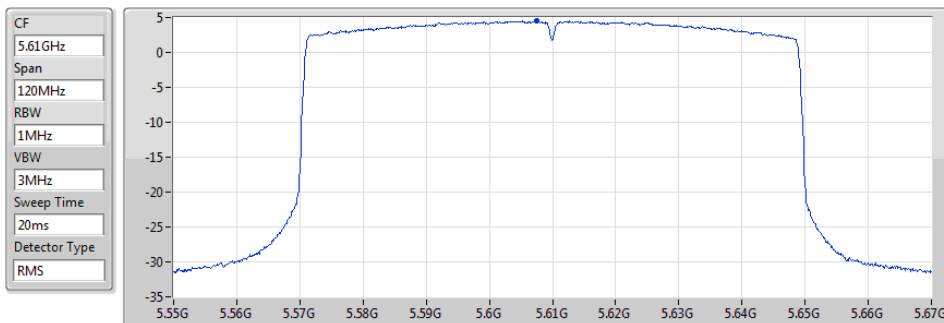
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.28	3.28	3.28

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

03/08/2019



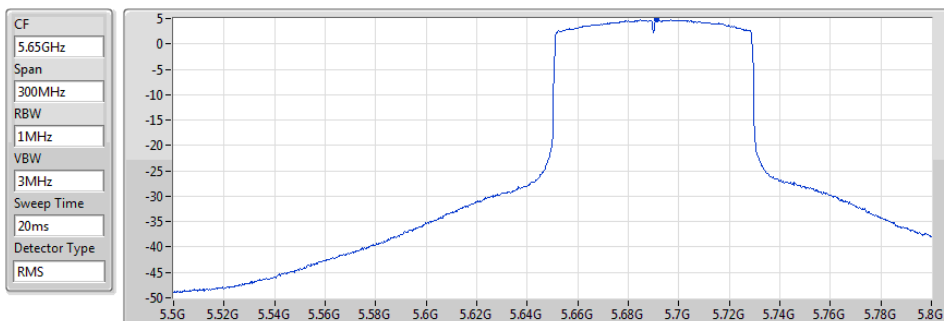
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.54	4.54	4.54

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

03/08/2019



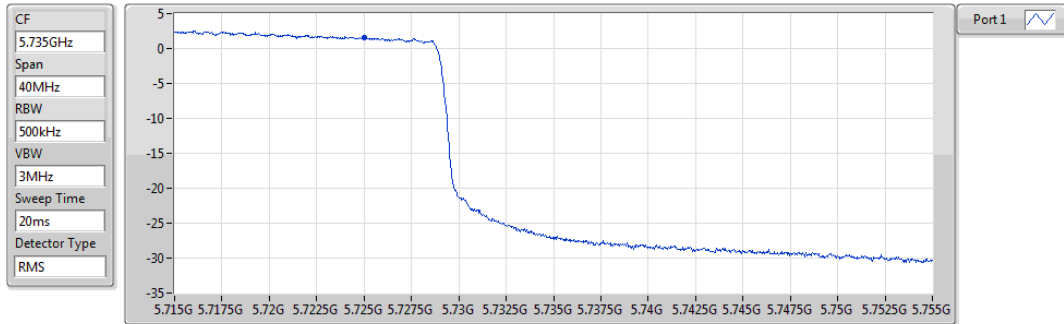
Sum	PD	Port 1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.76	4.76	4.76

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

03/08/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.58	1.58	1.58

Summary

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

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5260MHz	Pass	3.77	7.94	7.60	10.70	11.00
5300MHz	Pass	3.77	7.92	7.33	10.64	11.00
5320MHz	Pass	3.77	8.22	7.50	10.88	11.00
5500MHz	Pass	3.77	8.19	7.81	10.94	11.00
5580MHz	Pass	3.77	8.13	7.66	10.72	11.00
5700MHz	Pass	3.77	7.94	7.51	10.61	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.77	8.24	7.75	10.86	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.77	6.02	5.42	8.72	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	3.77	7.88	7.38	10.60	11.00
5300MHz	Pass	3.77	8.00	7.29	10.63	11.00
5320MHz	Pass	3.77	8.12	7.38	10.75	11.00
5500MHz	Pass	3.77	7.72	7.51	10.52	11.00
5580MHz	Pass	3.77	7.85	7.19	10.43	11.00
5700MHz	Pass	3.77	7.87	7.18	10.46	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.77	8.03	7.35	10.57	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.77	5.79	5.09	8.46	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	3.77	5.18	4.66	7.86	11.00
5310MHz	Pass	3.77	5.13	4.59	7.84	11.00
5510MHz	Pass	3.77	4.86	4.65	7.66	11.00
5550MHz	Pass	3.77	5.11	4.59	7.77	11.00
5670MHz	Pass	3.77	4.93	4.41	7.60	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.77	5.44	5.03	8.09	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.77	2.52	1.90	5.21	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	3.77	1.83	1.38	4.60	11.00
5530MHz	Pass	3.77	1.91	1.62	4.72	11.00
5610MHz	Pass	3.77	1.84	1.32	4.47	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.77	2.28	1.66	4.88	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.77	-1.15	-2.14	1.37	30.00

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

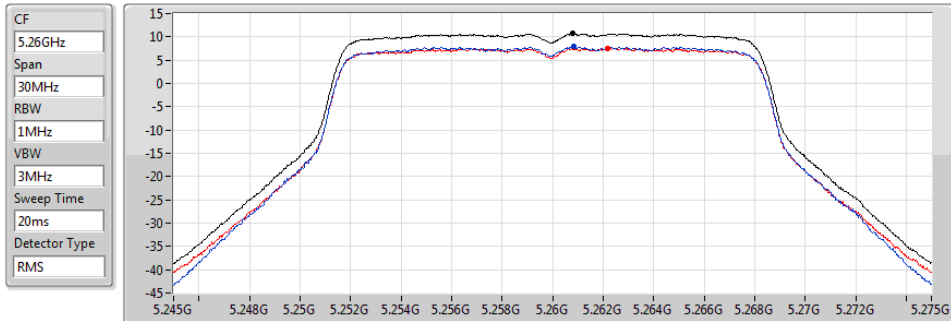
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

03/08/2019



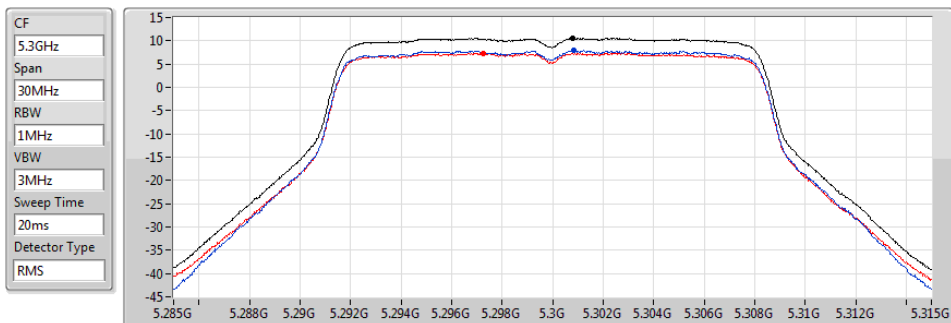
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.70	10.70	7.94	7.60

802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

03/08/2019



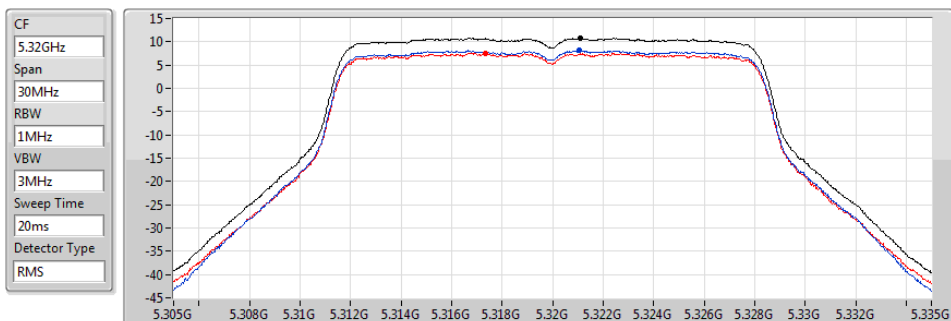
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.64	10.64	7.92	7.33

802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

03/08/2019



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

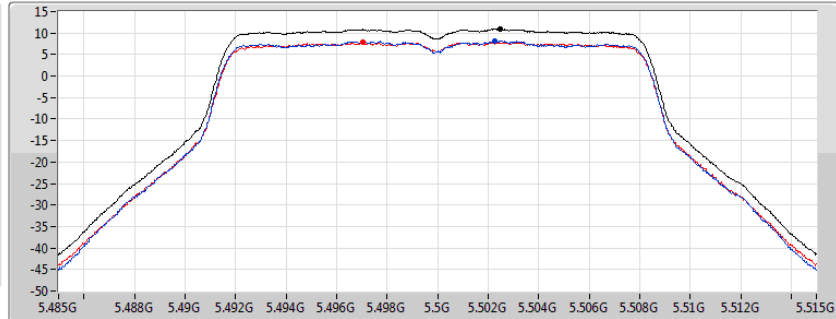
802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

03/08/2019

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



Sum
Port 1
Port 2

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

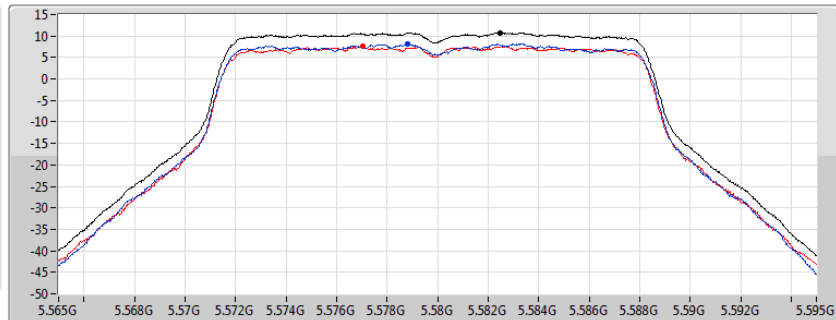
802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

03/08/2019

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



Sum
Port 1
Port 2

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

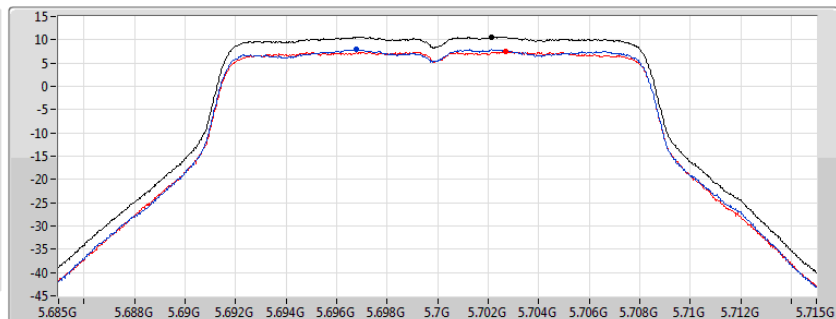
802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

03/08/2019

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



Sum
Port 1
Port 2

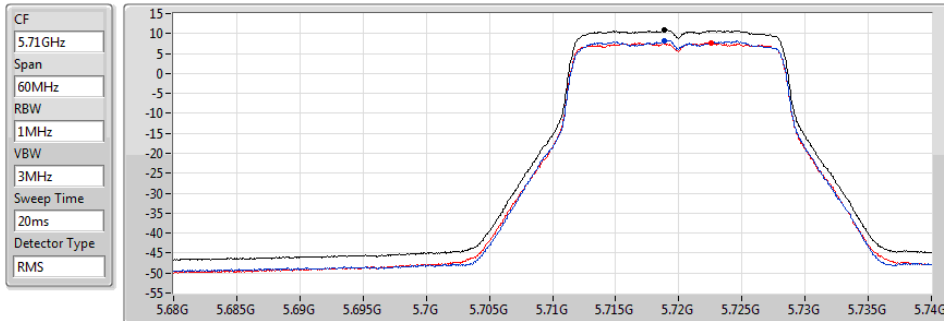
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
10.61	10.61	7.94	7.51

802.11a_Nss1,(6Mbps)_2TX

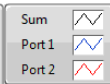
PSD

5720MHz Straddle 5.47-5.725GHz

03/08/2019



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

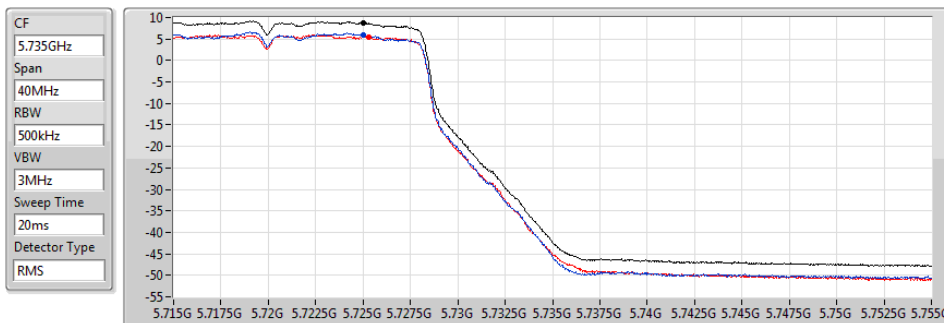


802.11a_Nss1,(6Mbps)_2TX

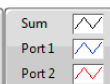
PSD

5720MHz Straddle 5.725-5.85GHz

03/08/2019



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

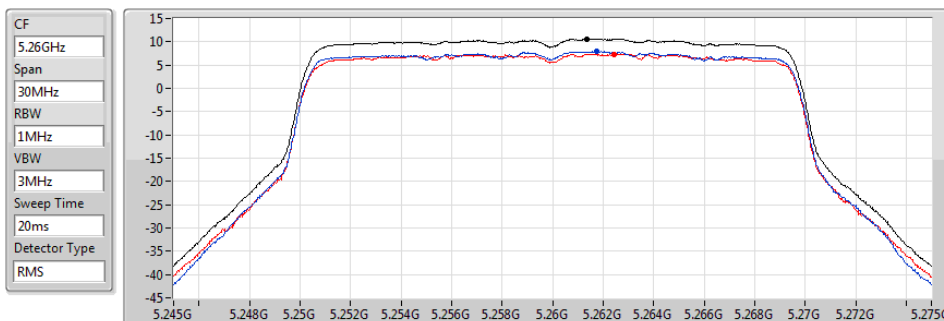


802.11ax HEW20_Nss1,(MCS0)_2TX

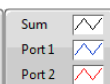
PSD

5260MHz

03/08/2019



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

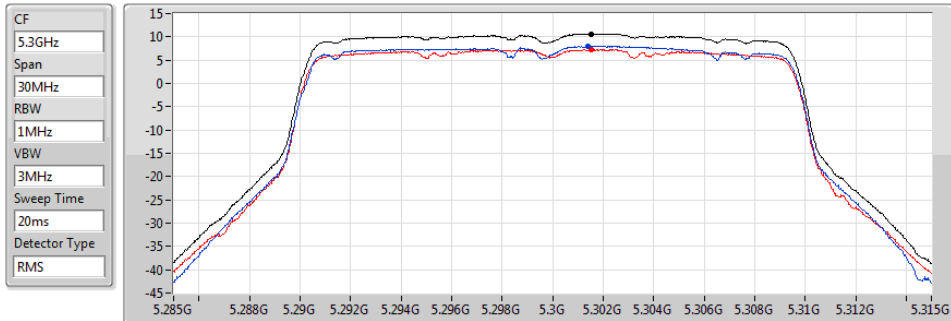


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5300MHz

03/08/2019



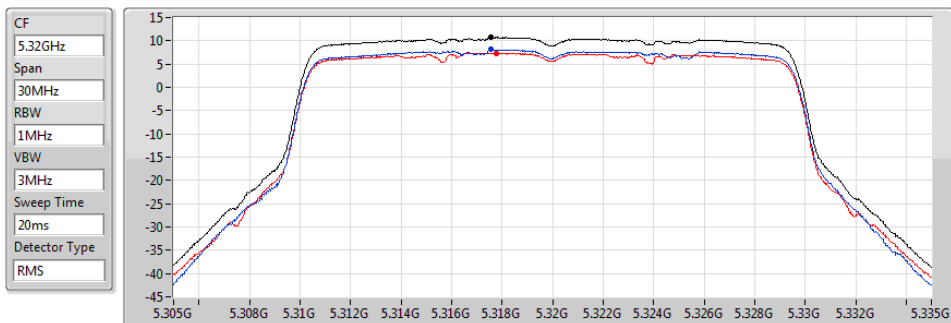
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.63	10.63	8.00	7.29

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5320MHz

03/08/2019



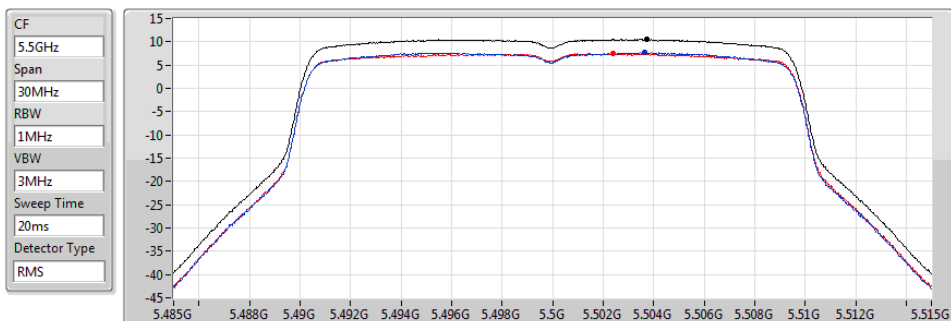
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.75	10.75	8.12	7.38

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5500MHz

03/08/2019



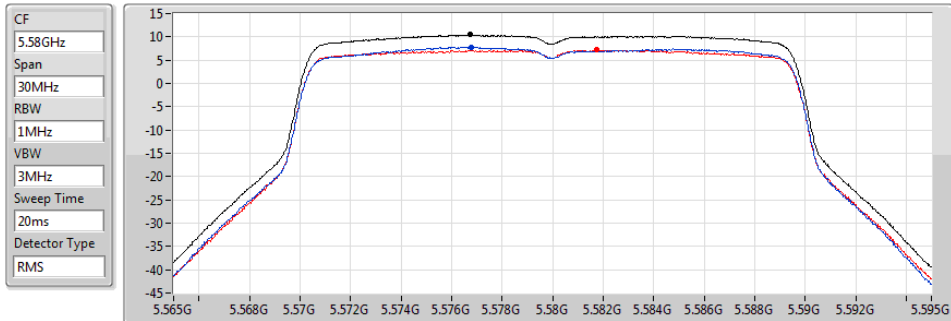
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.52	10.52	7.72	7.51

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5580MHz

03/08/2019



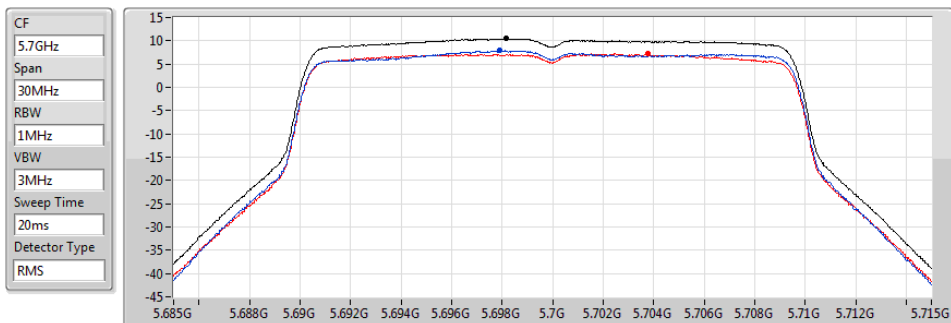
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.43	10.43	7.85	7.19

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5700MHz

03/08/2019



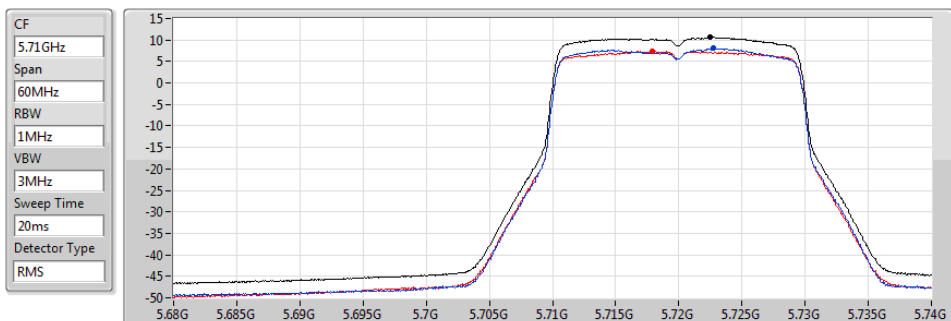
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.46	10.46	7.87	7.18

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

03/08/2019



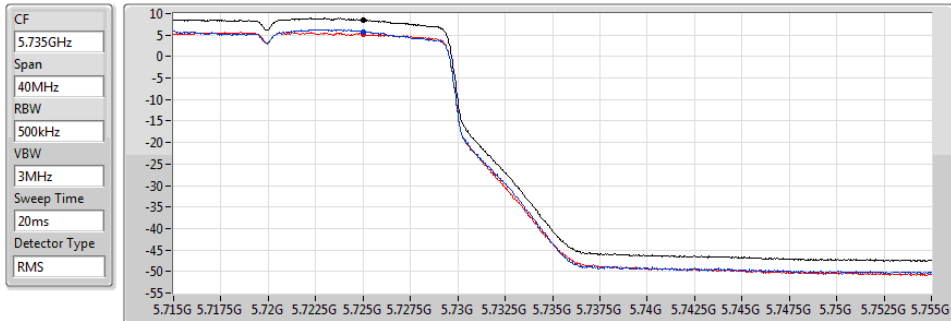
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.57	10.57	8.03	7.35

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

03/08/2019



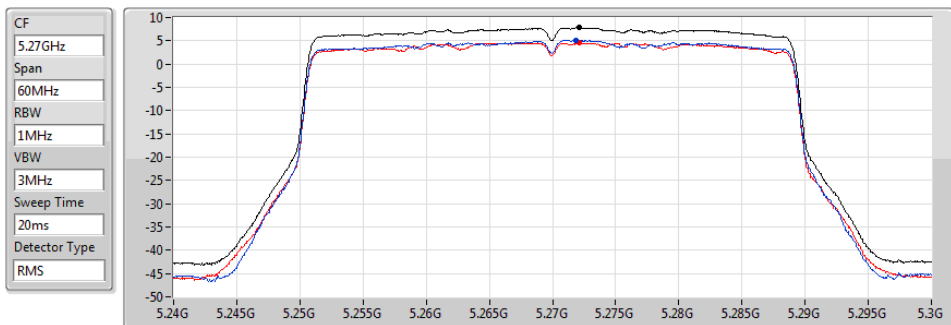
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.46	8.46	5.79	5.09

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5270MHz

03/08/2019



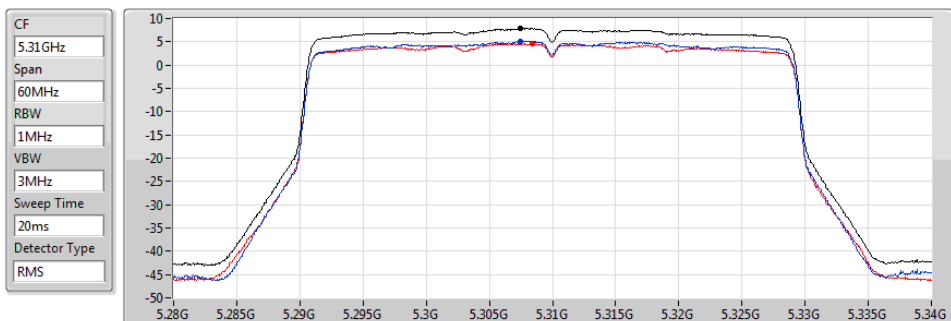
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.86	7.86	5.18	4.66

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5310MHz

03/08/2019



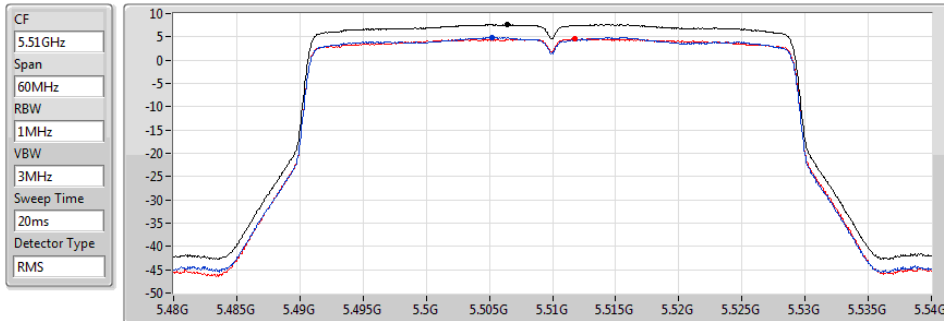
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.84	7.84	5.13	4.59

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5510MHz

03/08/2019



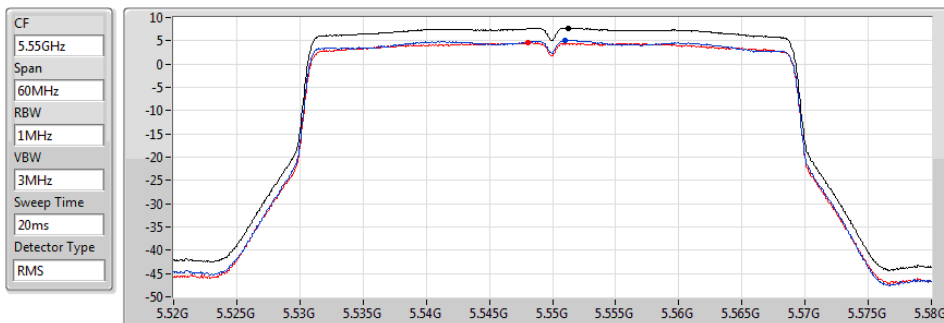
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.66	7.66	4.86	4.65

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5550MHz

03/08/2019



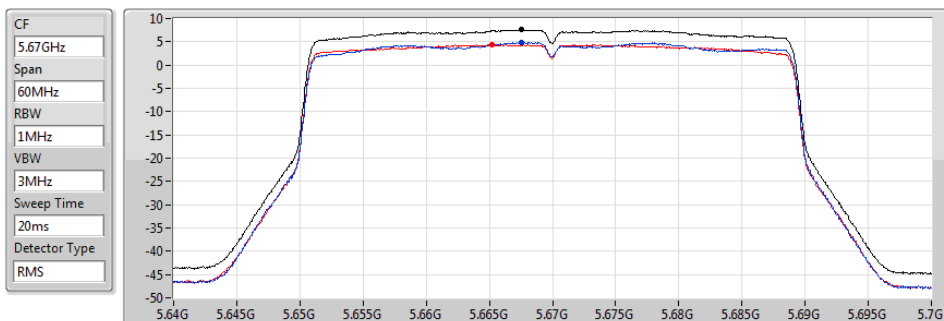
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.77	7.77	5.11	4.59

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5670MHz

03/08/2019



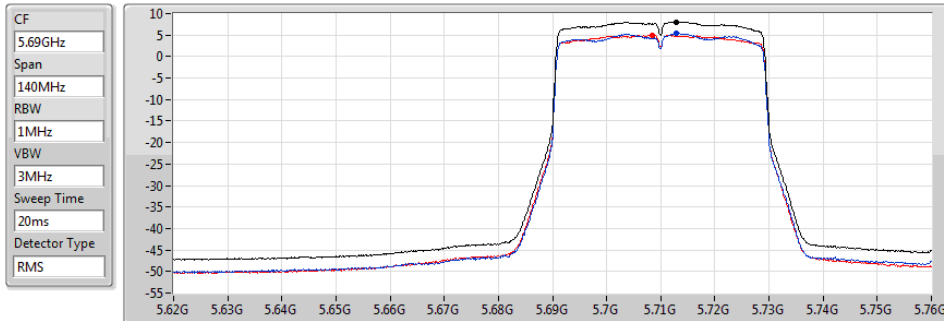
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.60	7.60	4.93	4.41

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

03/08/2019



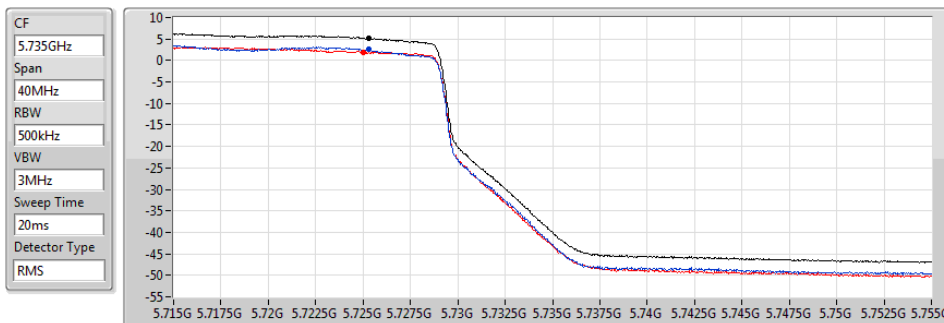
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.09	8.09	5.44	5.03

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

03/08/2019



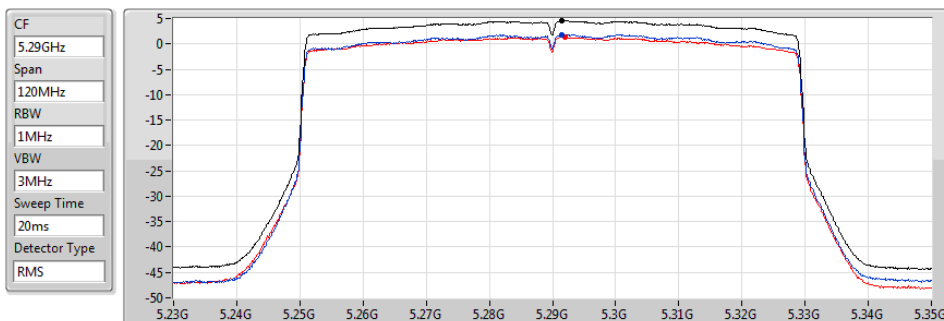
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.21	5.21	2.52	1.90

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5290MHz

03/08/2019



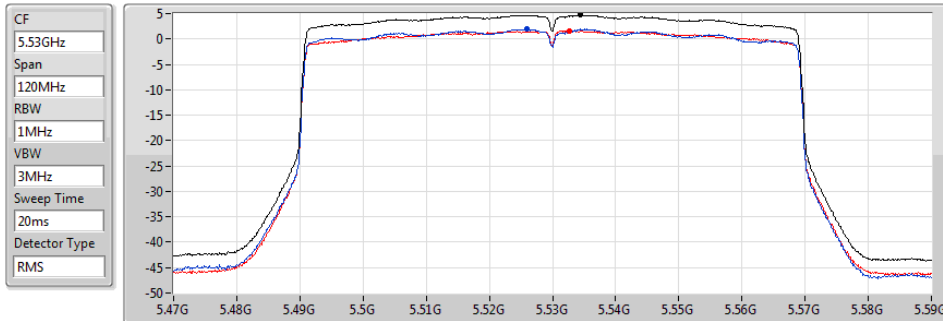
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.60	4.60	1.83	1.38

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5530MHz

03/08/2019



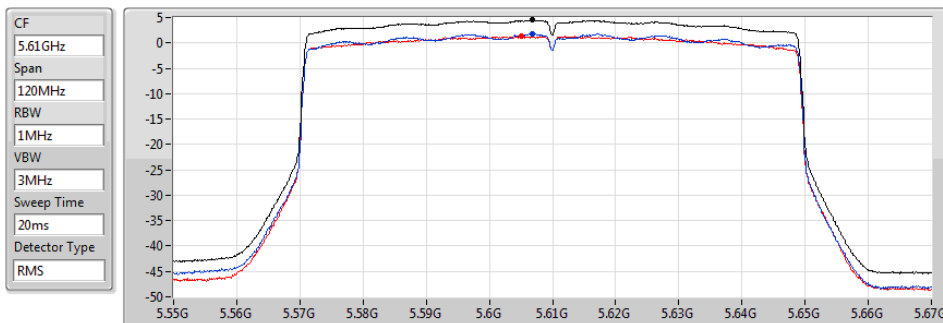
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.72	4.72	1.91	1.62

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5610MHz

03/08/2019



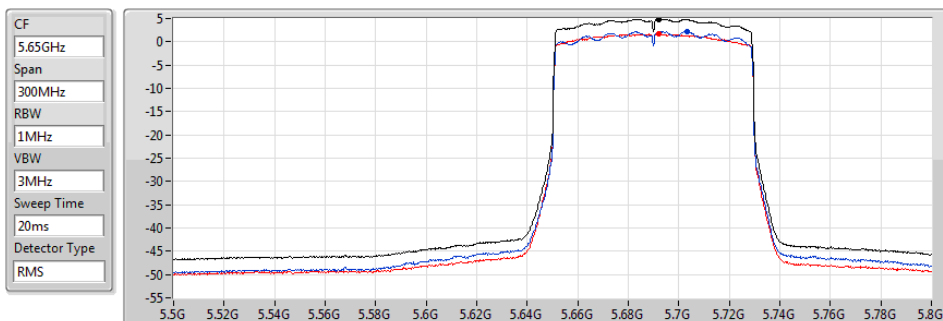
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.47	4.47	1.84	1.32

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

03/08/2019



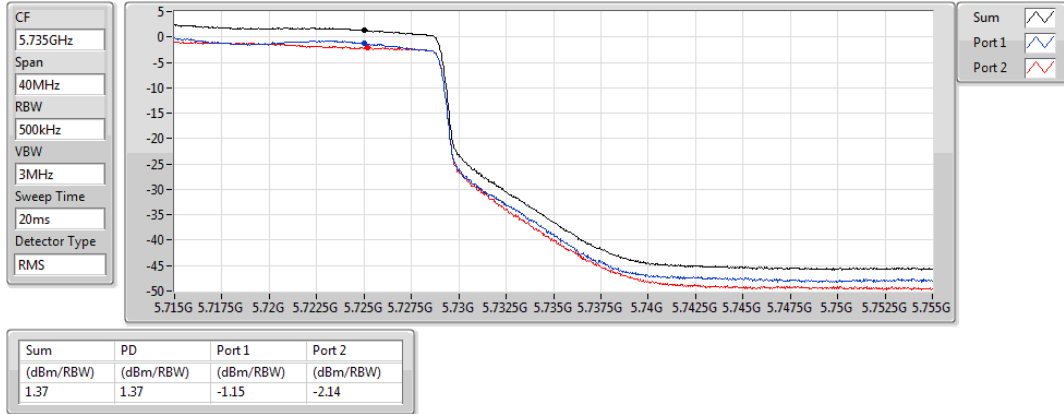
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.88	4.88	2.28	1.66

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

03/08/2019



Summary

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

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	3.77	7.30	7.04	10.05	11.00
5300MHz	Pass	3.77	7.35	6.49	9.83	11.00
5320MHz	Pass	3.77	7.59	6.73	10.08	11.00
5500MHz	Pass	3.77	6.92	6.29	9.56	11.00
5580MHz	Pass	3.77	7.19	6.19	9.63	11.00
5700MHz	Pass	3.77	7.24	7.06	9.96	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.77	7.03	6.81	9.83	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.77	5.28	5.06	8.18	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	3.77	4.08	3.91	6.92	11.00
5310MHz	Pass	3.77	4.27	3.67	6.86	11.00
5510MHz	Pass	3.77	3.72	3.25	6.44	11.00
5550MHz	Pass	3.77	3.78	3.35	6.51	11.00
5670MHz	Pass	3.77	4.34	4.71	7.21	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.77	5.52	5.52	8.22	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.77	2.93	1.71	5.33	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	3.77	1.38	0.76	4.01	11.00
5530MHz	Pass	3.77	1.51	0.88	3.82	11.00
5610MHz	Pass	3.77	1.10	1.15	3.93	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.77	1.35	1.80	4.17	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.77	-1.30	-3.33	0.81	30.00

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

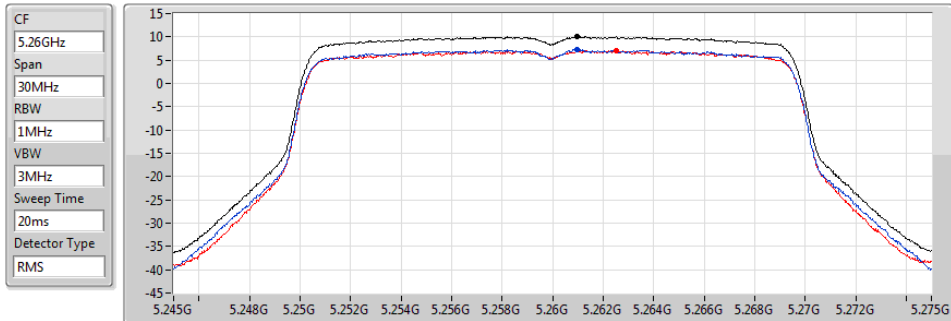
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5260MHz

08/08/2019



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

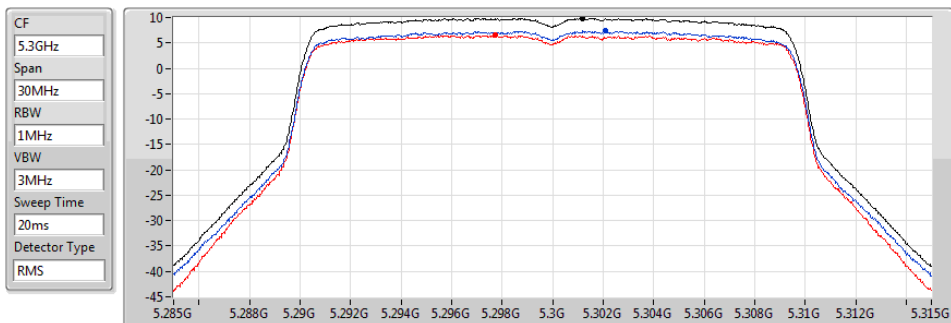
Sum
Port 1
Port 2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5300MHz

08/08/2019



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

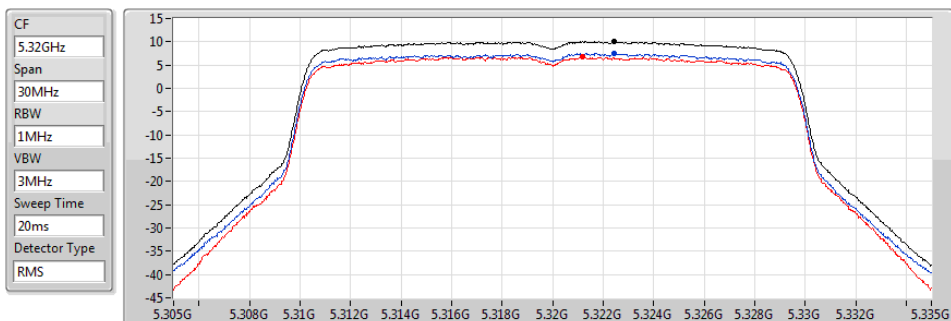
Sum
Port 1
Port 2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5320MHz

08/08/2019



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

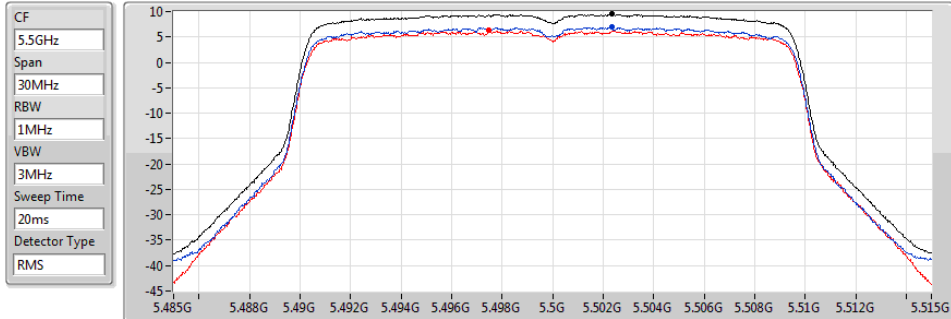
Sum
Port 1
Port 2

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5500MHz

08/08/2019



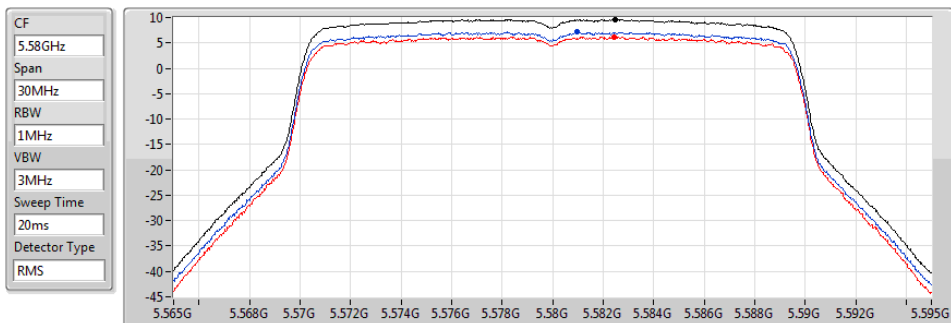
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.56	9.56	6.92	6.29

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5580MHz

08/08/2019



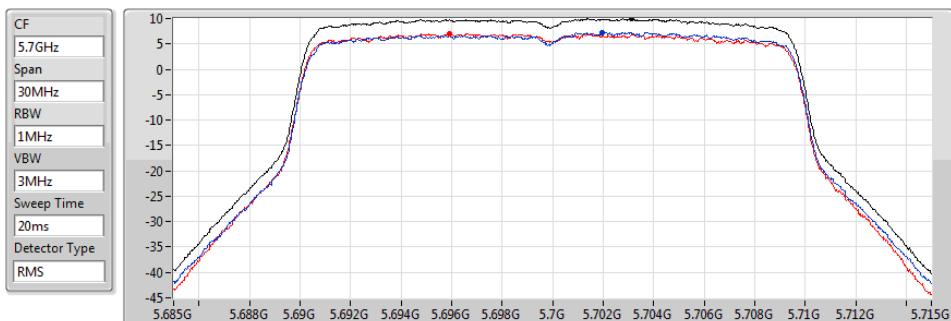
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.63	9.63	7.19	6.19

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

PSD

5700MHz

08/08/2019



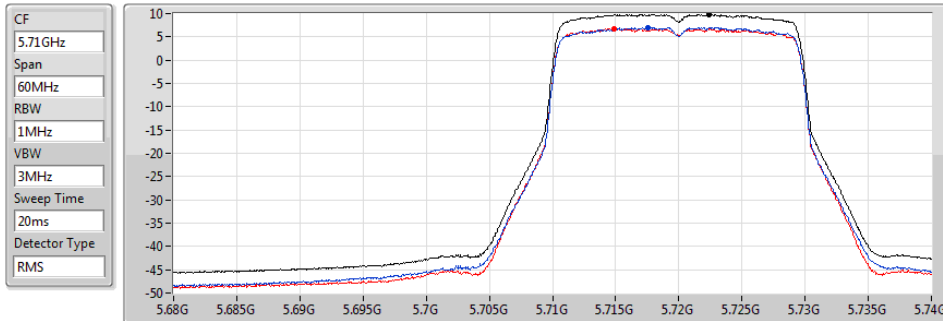
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.96	9.96	7.24	7.06

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz

PSD

08/08/2019



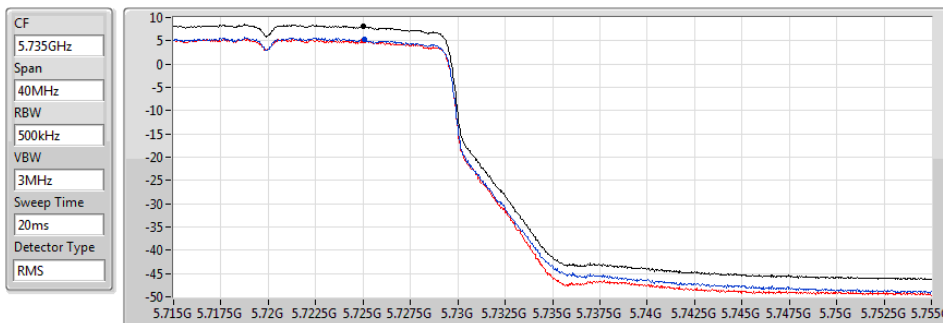
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.83	9.83	7.03	6.81

802.11ax HEW20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.725-5.85GHz

PSD

08/08/2019



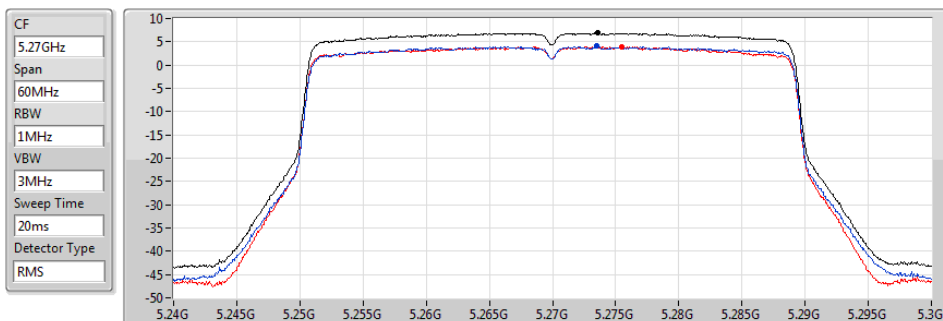
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.18	8.18	5.28	5.06

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

5270MHz

PSD

08/08/2019



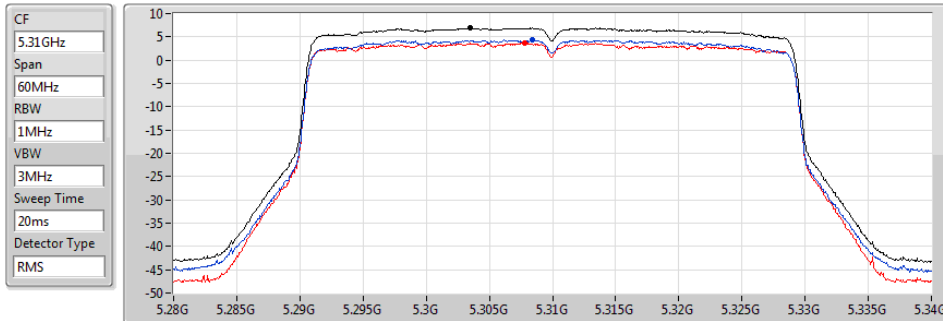
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.92	6.92	4.08	3.91

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5310MHz

08/08/2019



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

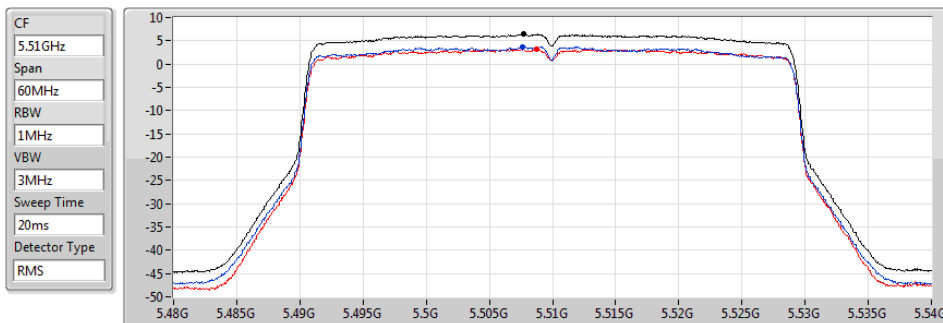
Sum
Port 1
Port 2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5510MHz

08/08/2019



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

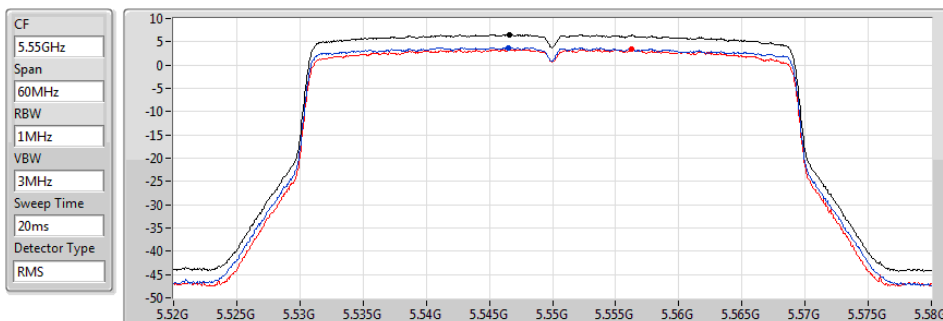
Sum
Port 1
Port 2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5550MHz

08/08/2019



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

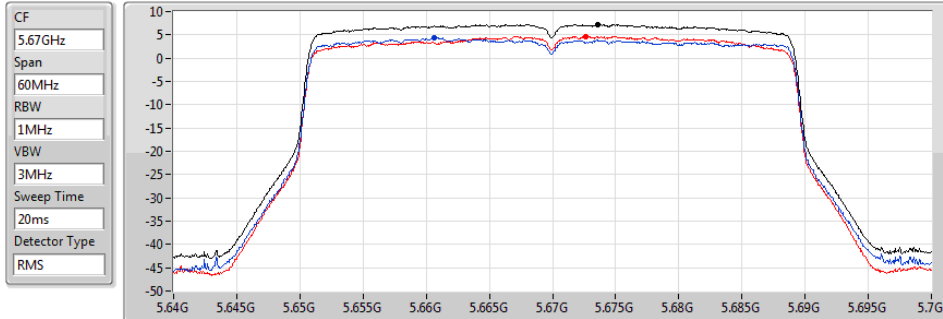
Sum
Port 1
Port 2

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5670MHz

08/08/2019



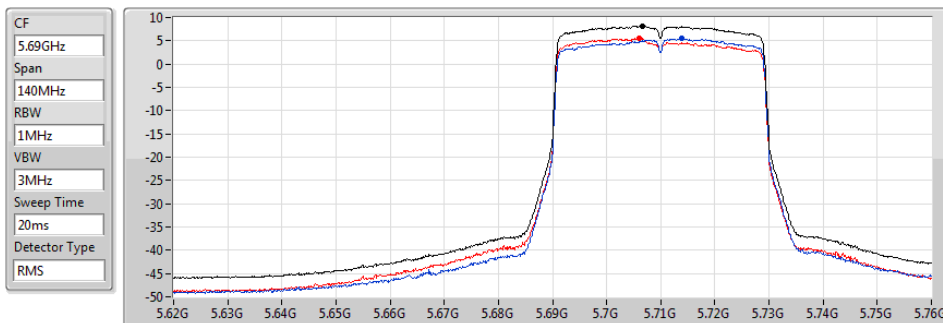
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.21	7.21	4.34	4.71

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

08/08/2019



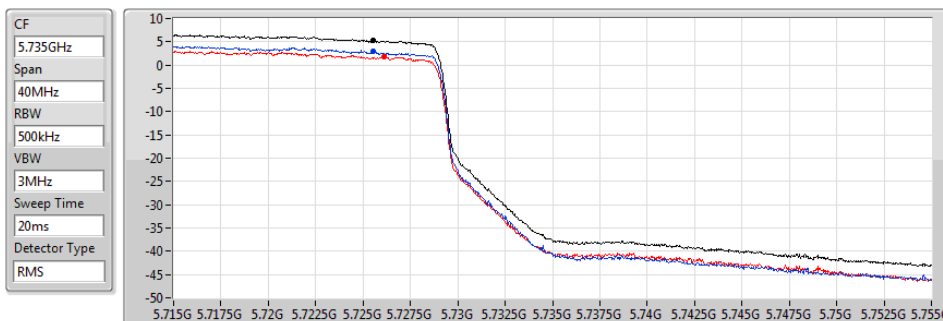
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
8.22	8.22	5.52	5.52

802.11ax HEW40-BF_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

08/08/2019



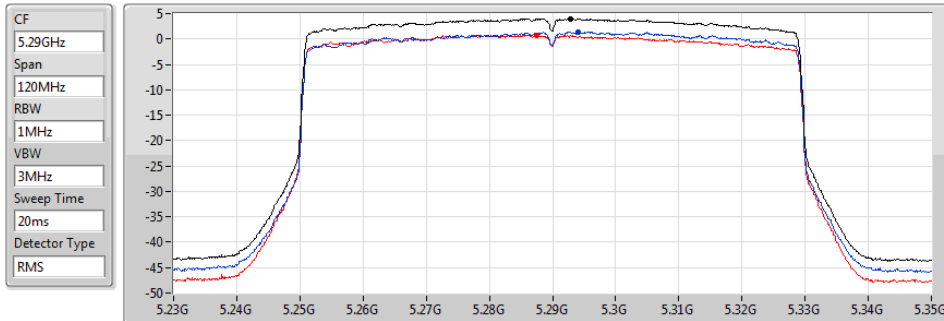
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
5.33	5.33	2.93	1.71

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5290MHz

08/08/2019



Sum
Port 1
Port 2

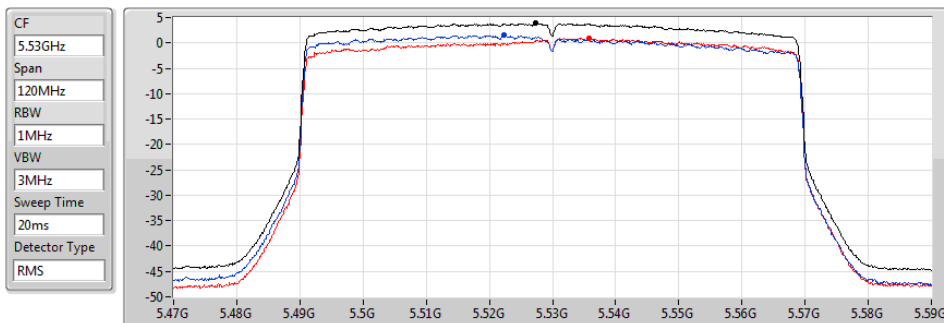
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.01	4.01	1.38	0.76

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5530MHz

08/08/2019



Sum
Port 1
Port 2

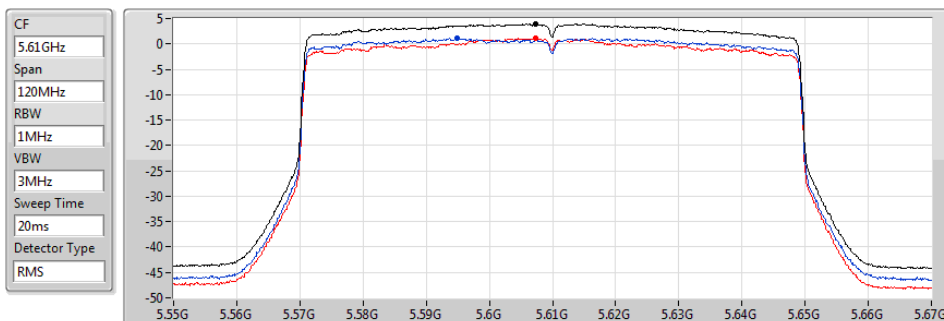
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.82	3.82	1.51	0.88

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5610MHz

08/08/2019



Sum
Port 1
Port 2

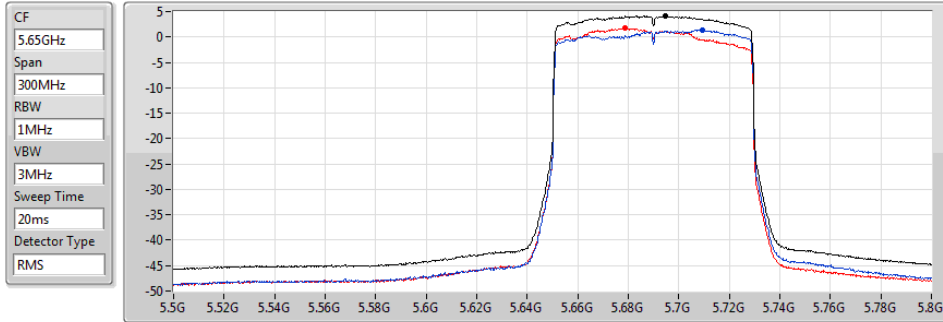
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
3.93	3.93	1.10	1.15

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

08/08/2019



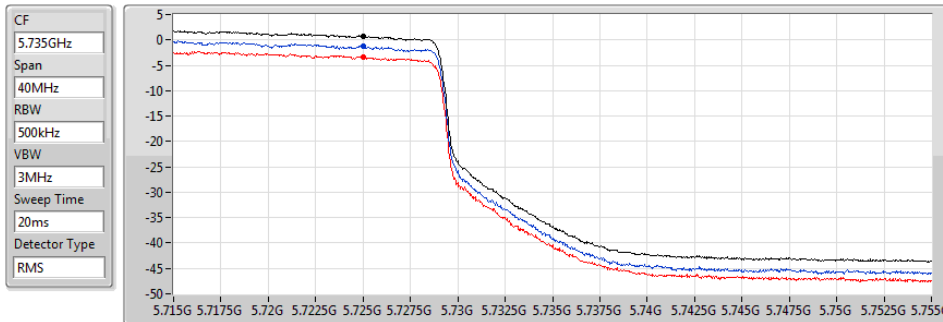
Sum	PD	Port 1	Port 2
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
4.17	4.17	1.35	1.80

802.11ax HEW80-BF_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

08/08/2019



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

Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.14
802.11ax HEW20_Nss1,(MCS0)_4TX	8.94
802.11ax HEW40_Nss1,(MCS0)_4TX	7.65
802.11ax HEW80_Nss1,(MCS0)_4TX	4.56
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	9.18
802.11ax HEW20_Nss1,(MCS0)_4TX	9.08
802.11ax HEW40_Nss1,(MCS0)_4TX	8.03
802.11ax HEW80_Nss1,(MCS0)_4TX	4.63
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	7.22
802.11ax HEW20_Nss1,(MCS0)_4TX	7.09
802.11ax HEW40_Nss1,(MCS0)_4TX	5.40
802.11ax HEW80_Nss1,(MCS0)_4TX	0.92

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.69	2.75	2.77	4.16	3.40	9.14	9.31
5300MHz	Pass	7.69	2.82	2.60	3.42	3.34	8.93	9.31
5320MHz	Pass	7.69	3.14	2.63	3.55	3.32	9.05	9.31
5500MHz	Pass	7.69	3.02	3.03	3.41	3.65	9.18	9.31
5580MHz	Pass	7.69	3.20	3.01	3.91	3.31	9.09	9.31
5700MHz	Pass	7.69	3.40	3.14	3.56	3.35	9.09	9.31
5720MHz Straddle 5.47-5.725GHz	Pass	7.69	3.54	3.05	3.64	3.58	9.15	9.31
5720MHz Straddle 5.725-5.85GHz	Pass	7.69	0.52	1.16	1.96	1.18	7.22	28.31
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	7.69	2.56	2.76	3.72	3.13	8.87	9.31
5300MHz	Pass	7.69	2.93	2.52	3.34	3.37	8.87	9.31
5320MHz	Pass	7.69	3.13	2.49	3.41	3.31	8.94	9.31
5500MHz	Pass	7.69	2.61	2.75	3.42	3.16	8.88	9.31
5580MHz	Pass	7.69	3.13	2.86	3.33	3.36	8.87	9.31
5700MHz	Pass	7.69	3.43	3.20	3.37	3.16	9.00	9.31
5720MHz Straddle 5.47-5.725GHz	Pass	7.69	3.34	2.81	3.84	3.20	9.08	9.31
5720MHz Straddle 5.725-5.85GHz	Pass	7.69	1.15	1.22	1.19	1.37	7.09	28.31
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	7.69	1.22	1.37	2.34	1.74	7.48	9.31
5310MHz	Pass	7.69	1.32	1.42	2.15	1.80	7.65	9.31
5510MHz	Pass	7.69	1.11	1.24	1.66	1.96	7.32	9.31
5550MHz	Pass	7.69	1.27	1.28	1.75	1.98	7.36	9.31
5670MHz	Pass	7.69	1.68	1.48	2.52	1.75	7.58	9.31
5710MHz Straddle 5.47-5.725GHz	Pass	7.69	2.48	2.32	2.60	2.57	8.03	9.31
5710MHz Straddle 5.725-5.85GHz	Pass	7.69	-0.66	-0.58	-0.34	-0.44	5.40	28.31
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	7.69	-1.74	-1.80	-0.84	-1.06	4.56	9.31
5530MHz	Pass	7.69	-1.70	-1.58	-1.25	-1.16	4.43	9.31
5610MHz	Pass	7.69	-1.40	-1.24	-0.77	-1.17	4.63	9.31
5690MHz Straddle 5.47-5.725GHz	Pass	7.69	-1.27	-1.32	-0.54	-1.28	4.54	9.31
5690MHz Straddle 5.725-5.85GHz	Pass	7.69	-4.58	-5.68	-4.96	-5.06	0.92	28.31

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

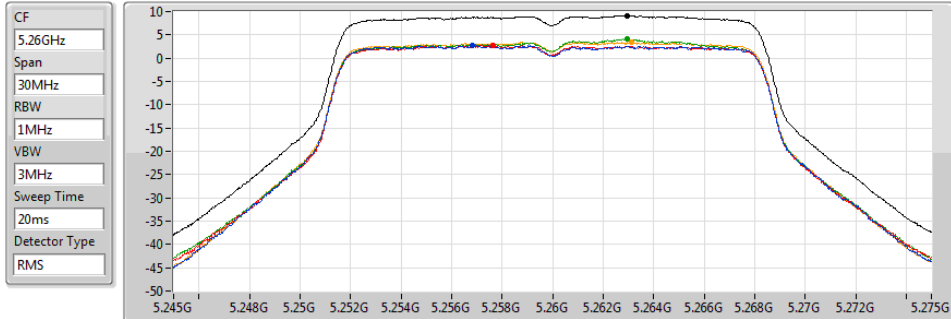
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

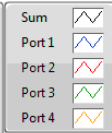
PSD

5260MHz

02/08/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.14	9.14	2.75	2.77	4.16	3.40

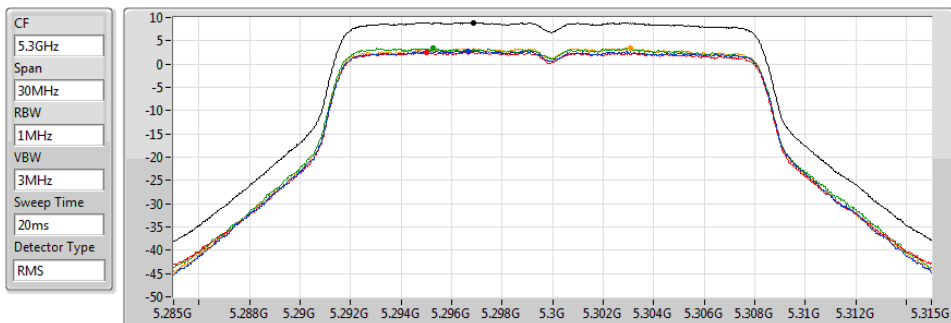


802.11a_Nss1,(6Mbps)_4TX

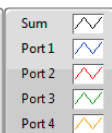
PSD

5300MHz

02/08/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.93	8.93	2.82	2.60	3.42	3.34

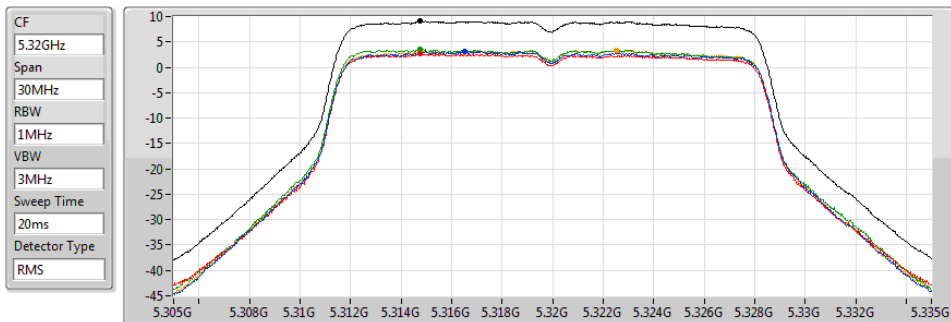


802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

02/08/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.05	9.05	3.14	2.63	3.55	3.32

