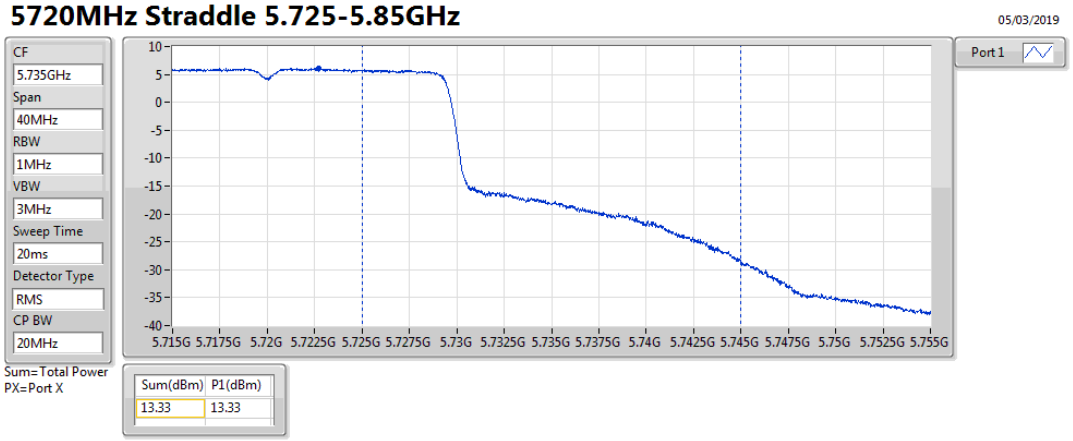
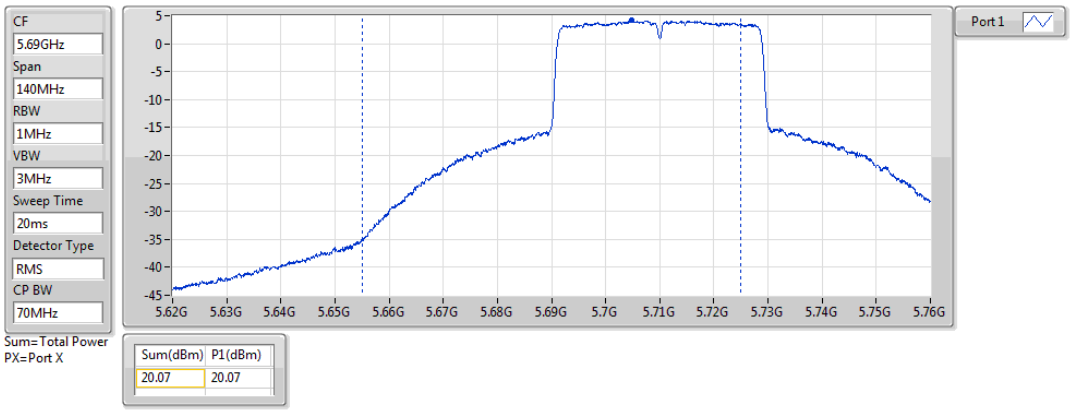
802.11ax HEW20_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz



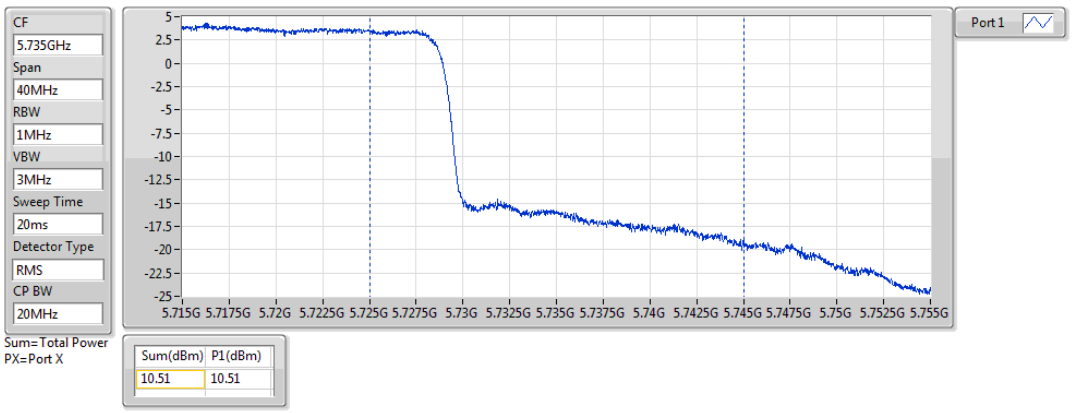
802.11ax HEW40_Nss1,(MCS0)_1TX **AV Power**

5710MHz Straddle 5.47-5.725GHz



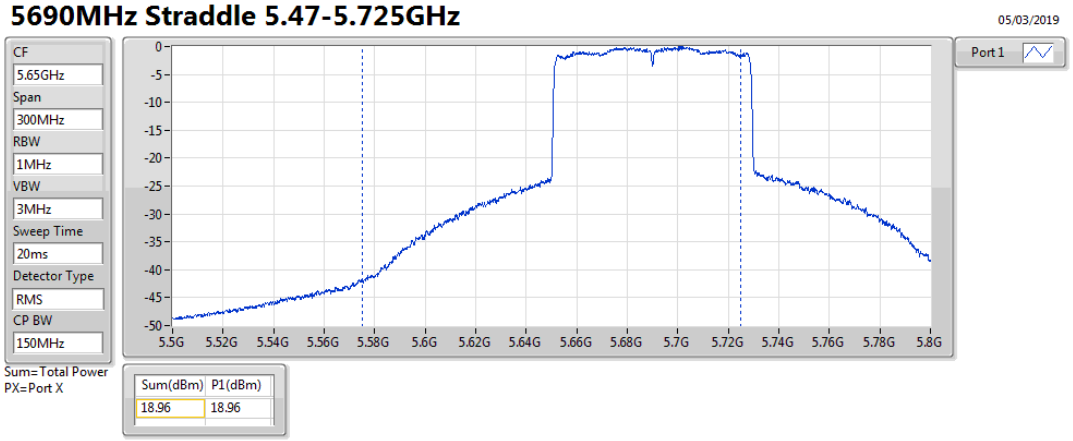
802.11ax HEW40_Nss1,(MCS0)_1TX **AV Power**

5710MHz Straddle 5.725-5.85GHz



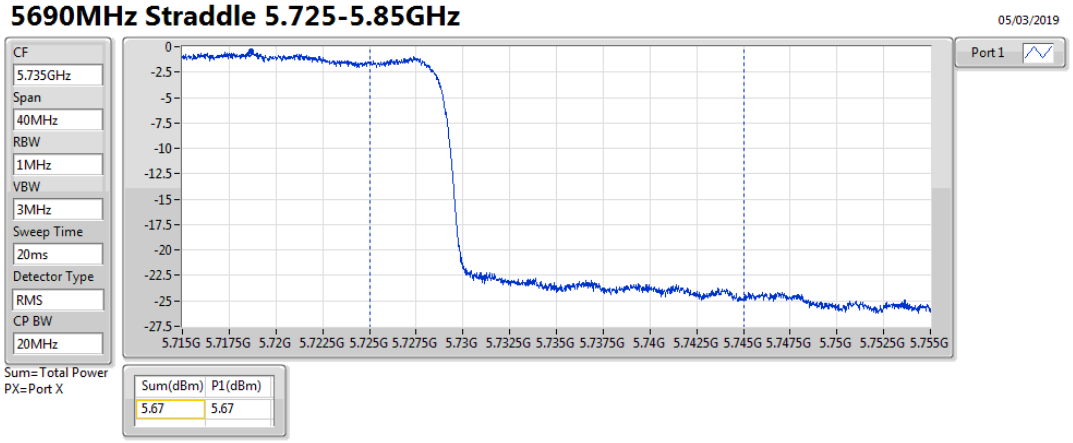
802.11ax HEW80_Nss1,(MCS0)_1TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



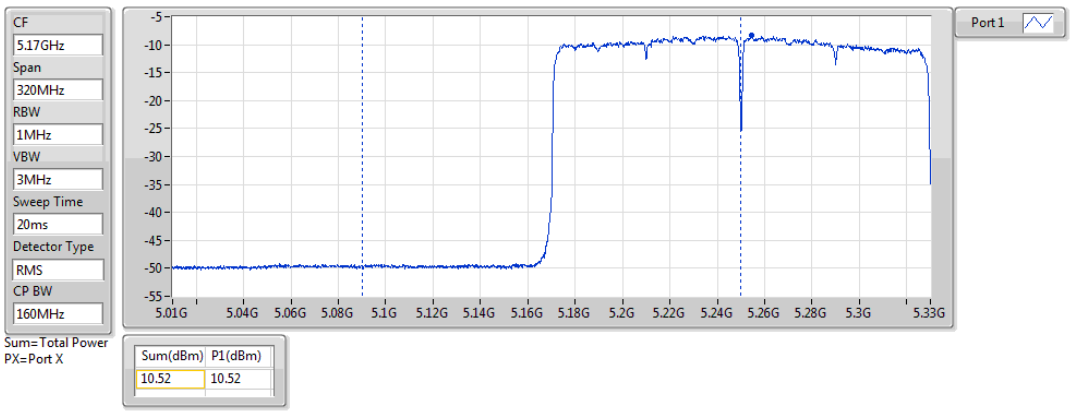
802.11ax HEW80_Nss1,(MCS0)_1TX **AV Power**

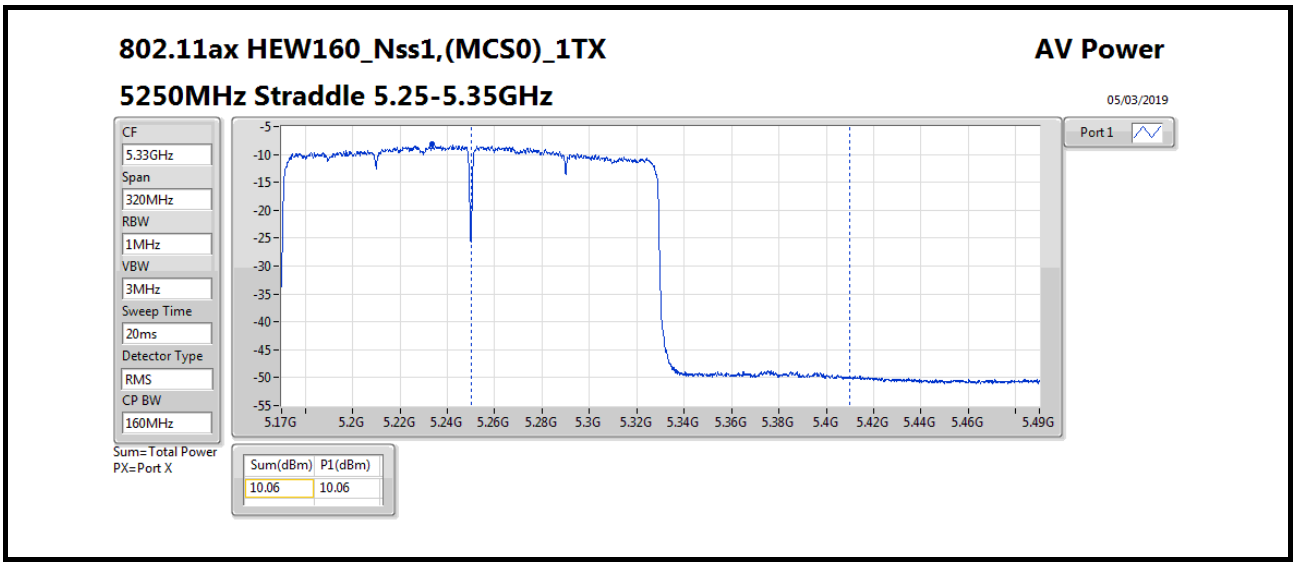
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW160_Nss1,(MCS0)_1TX **AV Power**

5250MHz Straddle 5.15-5.25GHz




802.11ax HEW160_Nss1,(MCS0)_1TX
AV Power
5250MHz Straddle 5.25-5.35GHz
05/03/2019
CF
5.33GHz
Span
320MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz
Sum=Total Power
PX=Port X
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
5.17G
5.2G
5.22G
5.24G
5.26G
5.28G
5.3G
5.32G
5.34G
5.36G
5.38G
5.4G
5.42G
5.44G
5.46G
5.49G
Port 1
Sum(dBm)
P1(dBm)
10.06
10.06

For Non-beamforming / 2T2S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	11.59	0.01442
5.25-5.35GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	22.78	0.18967
802.11ax HEW40_Nss2,(MCS0)_2TX	20.92	0.12359
802.11ax HEW80_Nss2,(MCS0)_2TX	15.44	0.03499
802.11ax HEW160_Nss2,(MCS0)_2TX	11.47	0.01403
5.47-5.725GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.78	0.23878
802.11ax HEW40_Nss2,(MCS0)_2TX	22.77	0.18923
802.11ax HEW80_Nss2,(MCS0)_2TX	20.15	0.10351
802.11ax HEW160_Nss2,(MCS0)_2TX	14.66	0.02924
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	16.67	0.04645
802.11ax HEW40_Nss2,(MCS0)_2TX	13.14	0.02061
802.11ax HEW80_Nss2,(MCS0)_2TX	6.55	0.00452

Result

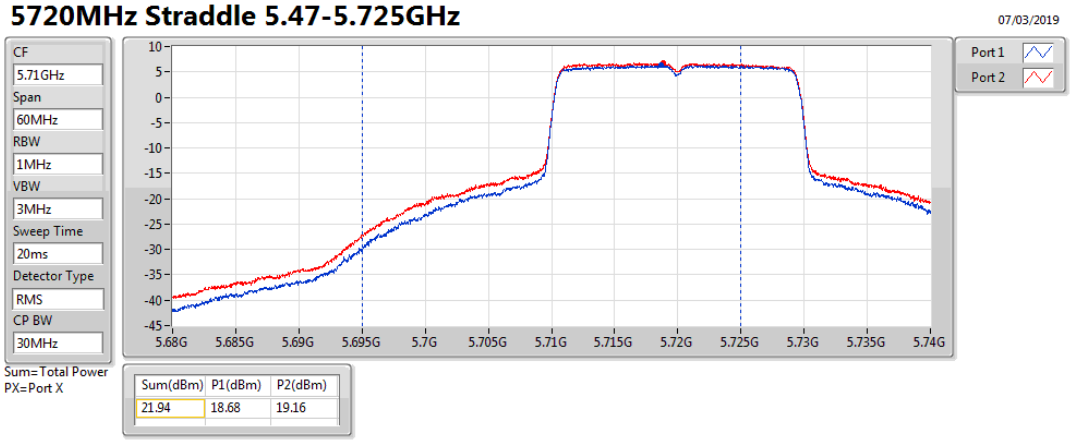
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	6.00	19.51	20.02	22.78	23.98	18
5300MHz	Pass	6.00	18.88	19.59	22.26	23.98	17.5
5320MHz	Pass	6.00	15.09	15.38	18.25	23.98	13.5
5500MHz	Pass	6.00	13.09	14.57	16.90	23.98	12.25
5580MHz	Pass	6.00	20.63	20.91	23.78	23.98	19.25
5700MHz	Pass	6.00	12.39	13.45	15.96	23.98	10.75
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	18.68	19.16	21.94	23.98	18.75
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	13.50	13.81	16.67	30.00	18.75
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	6.00	17.81	18.01	20.92	23.98	16
5310MHz	Pass	6.00	13.34	14.05	16.72	23.98	11.75
5510MHz	Pass	6.00	12.58	13.63	16.15	23.98	11.25
5550MHz	Pass	6.00	17.26	17.64	20.46	23.98	15.5
5670MHz	Pass	6.00	14.03	13.55	16.81	23.98	11.75
5710MHz Straddle 5.47-5.725GHz	Pass	6.00	20.20	19.26	22.77	23.98	18.75
5710MHz Straddle 5.725-5.85GHz	Pass	6.00	10.80	9.33	13.14	30.00	18.75
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	6.00	12.30	12.55	15.44	23.98	10.75
5530MHz	Pass	6.00	11.50	12.62	15.11	23.98	10.5
5610MHz	Pass	6.00	15.52	16.09	18.82	23.98	14
5690MHz Straddle 5.47-5.725GHz	Pass	6.00	17.32	16.96	20.15	23.98	15.75
5690MHz Straddle 5.725-5.85GHz	Pass	6.00	3.98	3.06	6.55	30.00	15.75
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00	8.51	8.65	11.59	30.00	10.5
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	8.08	8.80	11.47	23.98	10.5
5570MHz	Pass	6.00	11.33	11.94	14.66	23.98	9.75

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

Note : Conducted setting = Pass conducted setting division 4

802.11ax HEW20_Nss2,(MCS0)_2TX **AV Power**

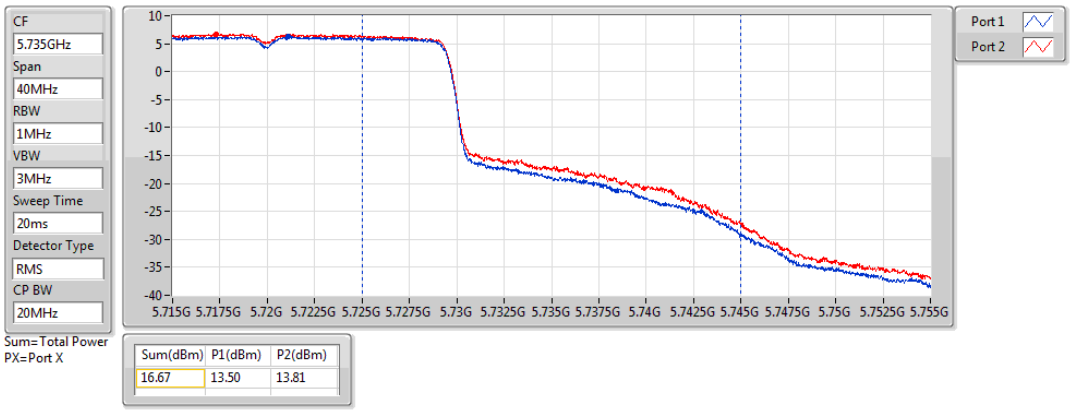
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
21.94	18.68	19.16

802.11ax HEW20_Nss2,(MCS0)_2TX **AV Power**

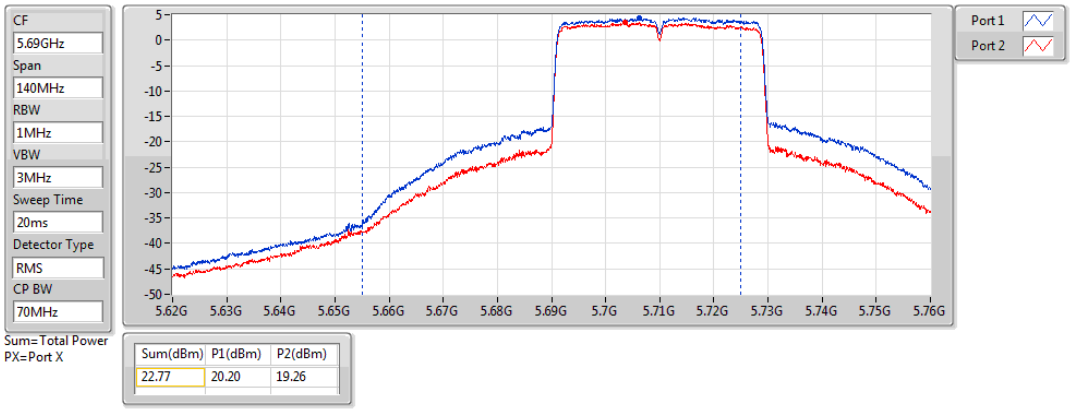
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)
16.67	13.50	13.81

802.11ax HEW40_Nss2,(MCS0)_2TX **AV Power**

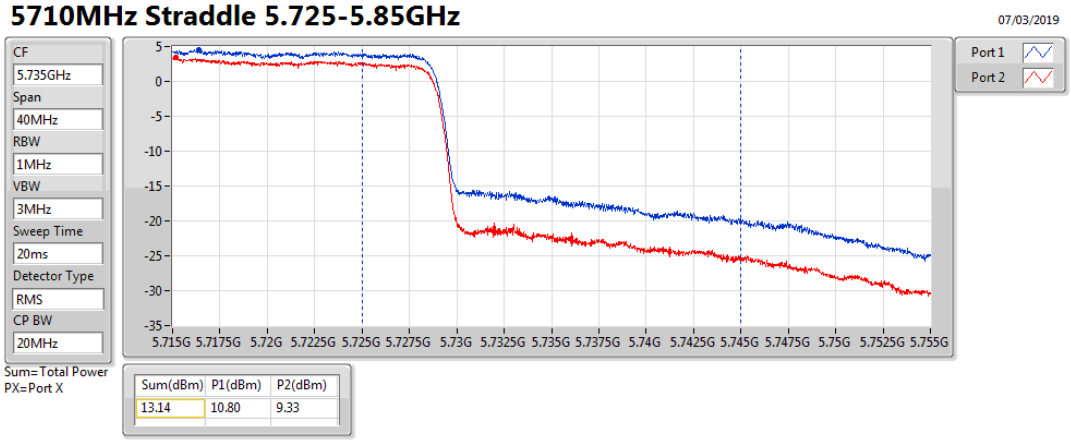
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)
22.77	20.20	19.26

802.11ax HEW40_Nss2,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz

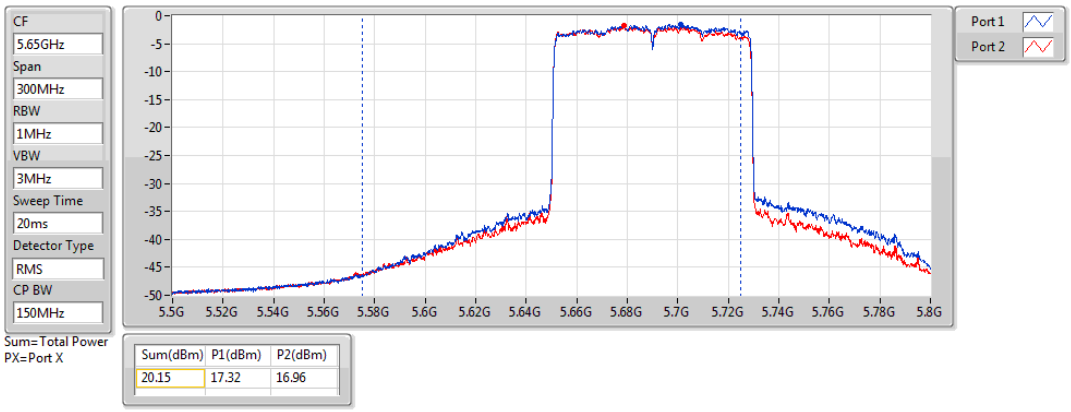


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
13.14	10.80	9.33

802.11ax HEW80_Nss2,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz

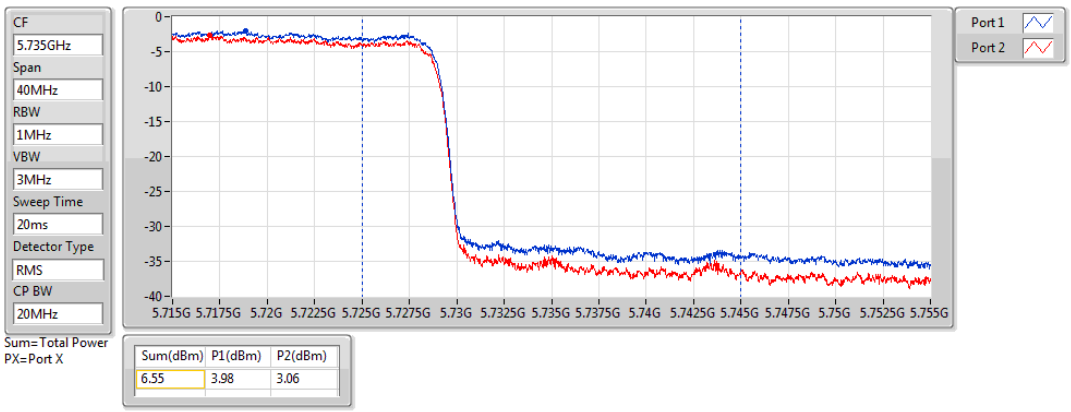


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
20.15	17.32	16.96

802.11ax HEW80_Nss2,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz

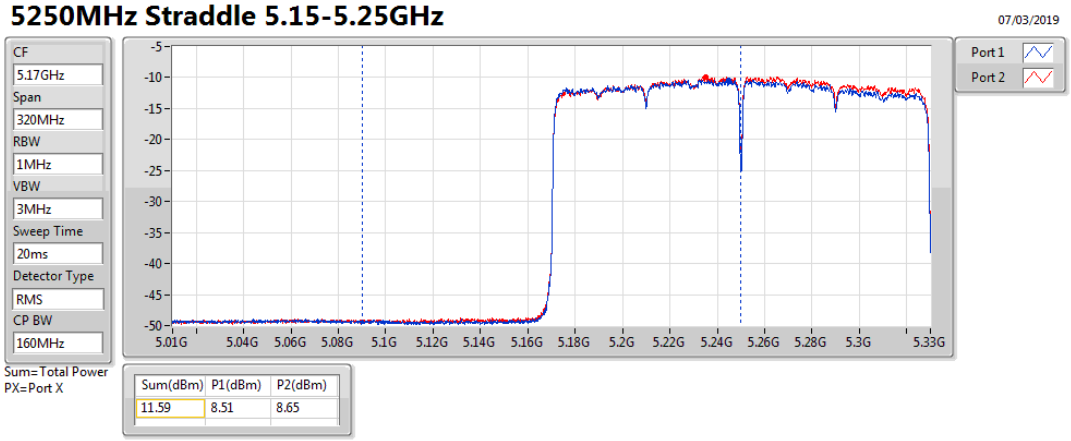


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
6.55	3.98	3.06

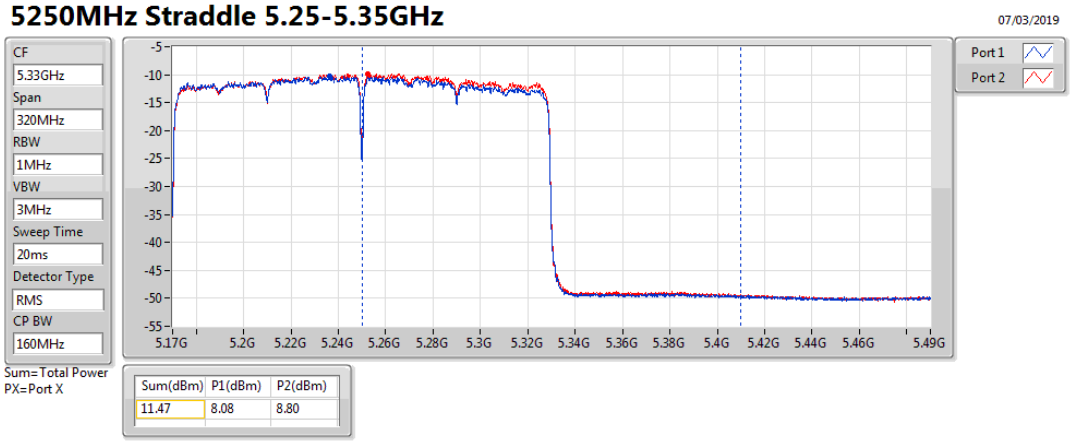
802.11ax HEW160_Nss2,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.15-5.25GHz



802.11ax HEW160_Nss2,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



For Non-beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	10.78	0.01197
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	18.01	0.06324
802.11ax HEW20_Nss1,(MCS0)_4TX	18.41	0.06934
802.11ax HEW40_Nss1,(MCS0)_4TX	21.06	0.12764
802.11ax HEW80_Nss1,(MCS0)_4TX	15.51	0.03556
802.11ax HEW160_Nss1,(MCS0)_4TX	11.06	0.01276
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	17.78	0.05998
802.11ax HEW20_Nss1,(MCS0)_4TX	18.39	0.06902
802.11ax HEW40_Nss1,(MCS0)_4TX	21.15	0.13032
802.11ax HEW80_Nss1,(MCS0)_4TX	23.04	0.20137
802.11ax HEW160_Nss1,(MCS0)_4TX	14.39	0.02748
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.52	0.01127
802.11ax HEW20_Nss1,(MCS0)_4TX	12.13	0.01633
802.11ax HEW40_Nss1,(MCS0)_4TX	10.80	0.01202
802.11ax HEW80_Nss1,(MCS0)_4TX	9.05	0.00804

Result

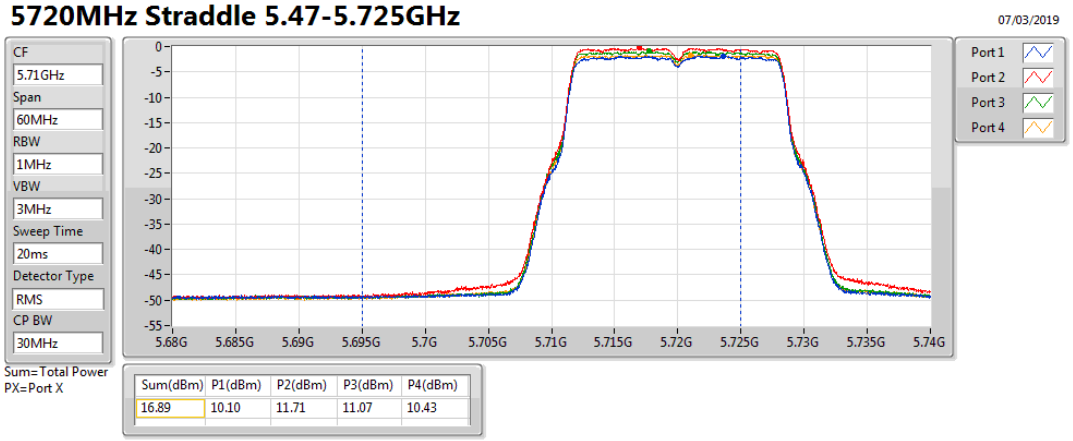
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	6.00	11.44	12.86	12.04	11.39	17.99	23.98	11
5300MHz	Pass	6.00	11.09	12.74	12.29	11.67	18.01	23.98	11
5320MHz	Pass	6.00	11.29	12.20	12.11	11.24	17.75	23.98	10.75
5500MHz	Pass	6.00	10.48	12.46	12.20	11.54	17.76	23.98	10.5
5580MHz	Pass	6.00	10.83	12.42	11.37	11.57	17.61	23.98	10.75
5700MHz	Pass	6.00	10.86	12.33	12.24	11.44	17.78	23.98	10.25
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	10.10	11.71	11.07	10.43	16.89	22.93	10
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	3.88	5.22	4.61	4.16	10.52	30.00	10
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	6.00	11.65	13.18	12.52	11.86	18.37	23.98	11
5300MHz	Pass	6.00	11.97	12.77	12.38	11.91	18.29	23.98	11
5320MHz	Pass	6.00	11.87	13.05	12.52	12.01	18.41	23.98	11
5500MHz	Pass	6.00	11.26	13.07	12.56	12.39	18.39	23.98	10.75
5580MHz	Pass	6.00	11.47	13.04	12.20	12.35	18.32	23.98	10.75
5700MHz	Pass	6.00	8.28	9.67	9.39	8.46	15.01	23.98	7.25
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	10.60	11.75	12.18	11.34	17.53	22.94	10.5
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	5.25	6.38	6.69	5.97	12.13	30.00	10.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	6.00	15.05	15.25	14.89	14.94	21.06	23.98	13.75
5310MHz	Pass	6.00	10.23	11.34	11.14	10.38	16.82	23.98	9.25
5510MHz	Pass	6.00	9.78	11.41	10.67	10.37	16.62	23.98	9
5550MHz	Pass	6.00	14.75	15.23	15.39	15.13	21.15	23.98	13.5
5670MHz	Pass	6.00	11.75	11.19	12.27	11.47	17.71	23.98	9.75
5710MHz Straddle 5.47-5.725GHz	Pass	6.00	14.98	14.47	15.03	14.91	20.87	23.98	13
5710MHz Straddle 5.725-5.85GHz	Pass	6.00	5.02	4.40	4.78	4.90	10.80	30.00	13
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	6.00	9.33	10.07	9.40	9.10	15.51	23.98	8
5530MHz	Pass	6.00	10.02	11.61	11.05	10.67	16.90	23.98	9.25
5610MHz	Pass	6.00	13.97	14.58	14.18	13.65	20.13	23.98	12.5
5690MHz Straddle 5.47-5.725GHz	Pass	6.00	16.99	17.24	17.17	16.67	23.04	23.98	15
5690MHz Straddle 5.725-5.85GHz	Pass	6.00	3.39	3.00	3.00	2.70	9.05	30.00	15
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00	4.58	4.91	5.03	4.48	10.78	30.00	6.5
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	4.62	5.40	5.53	4.50	11.06	23.98	6.5
5570MHz	Pass	6.00	7.36	8.86	8.50	8.60	14.39	23.98	6.5

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

Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_4TX **AV Power**

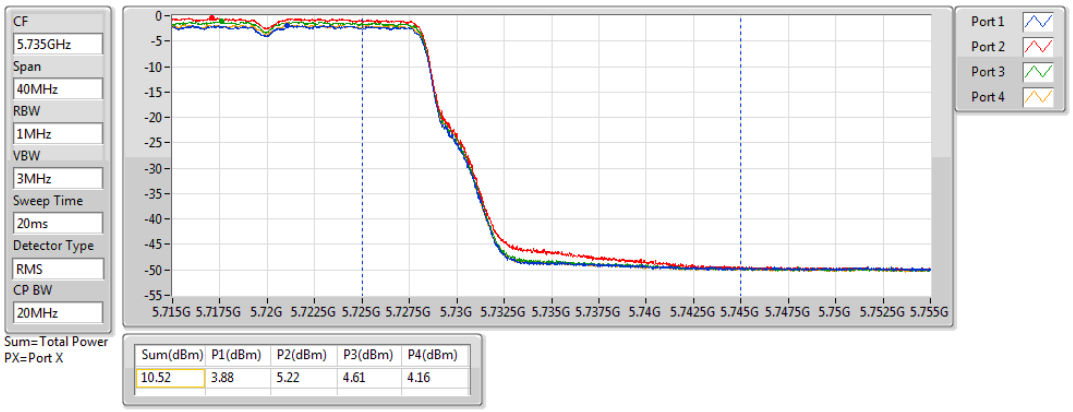
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.89	10.10	11.71	11.07	10.43

802.11a_Nss1,(6Mbps)_4TX **AV Power**

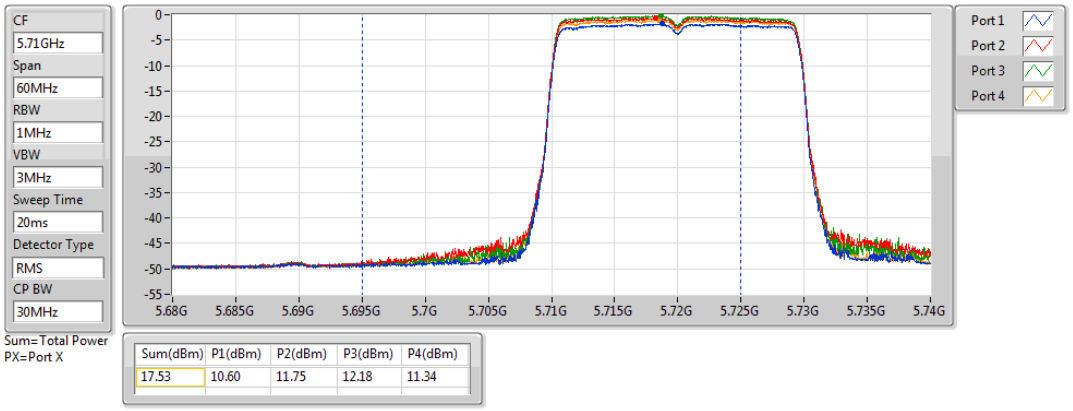
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.52	3.88	5.22	4.61	4.16

802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

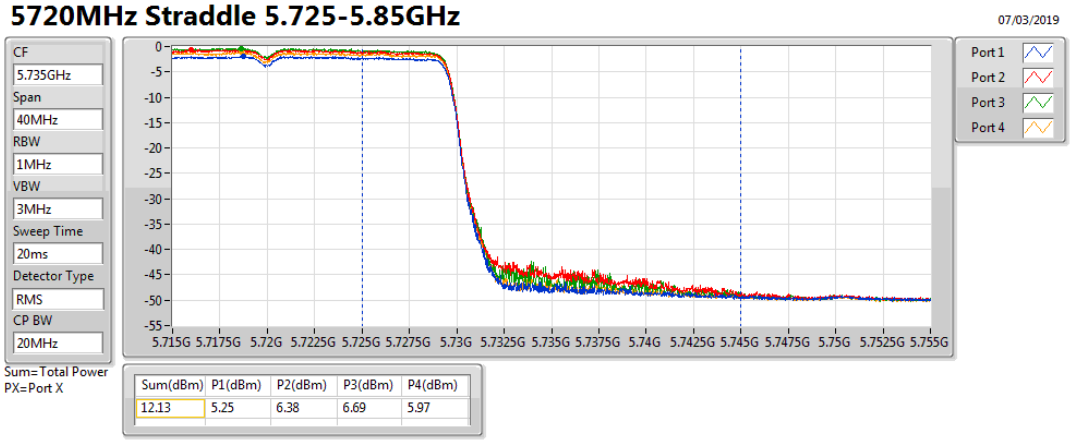
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.53	10.60	11.75	12.18	11.34

802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

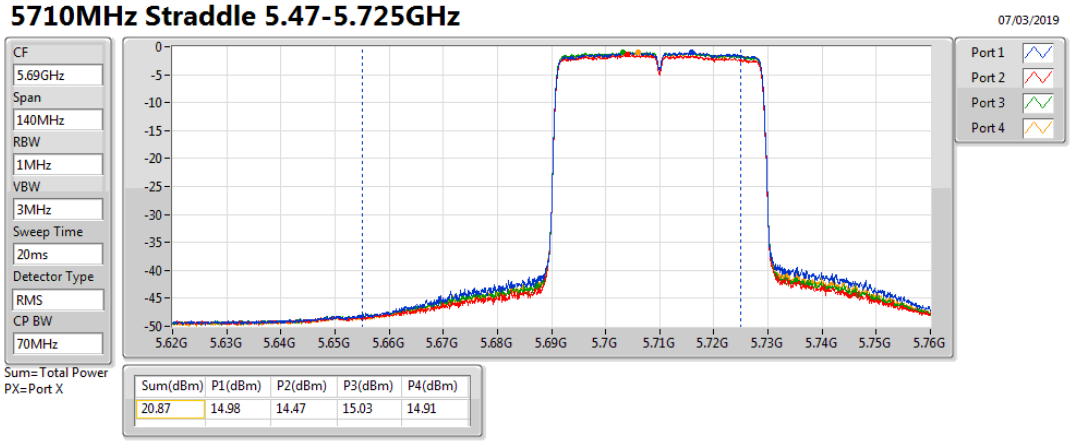
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.13	5.25	6.38	6.69	5.97

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

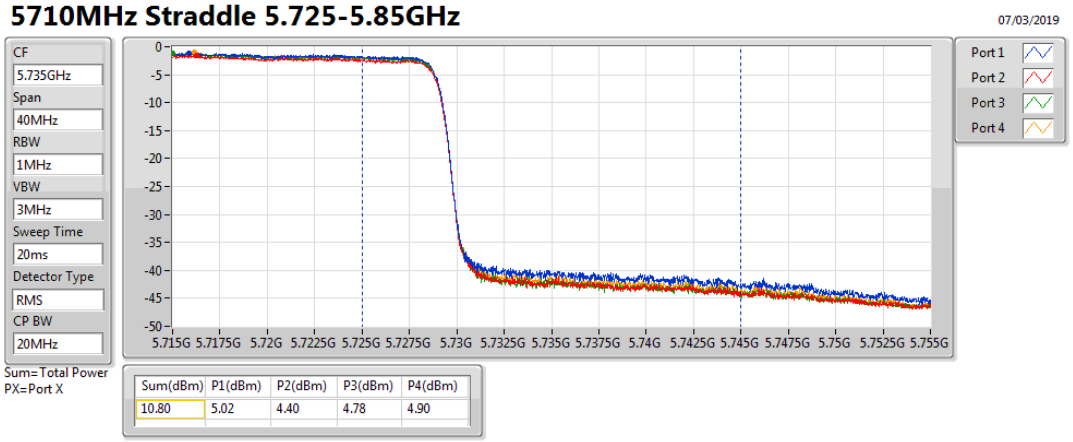
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.87	14.98	14.47	15.03	14.91

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

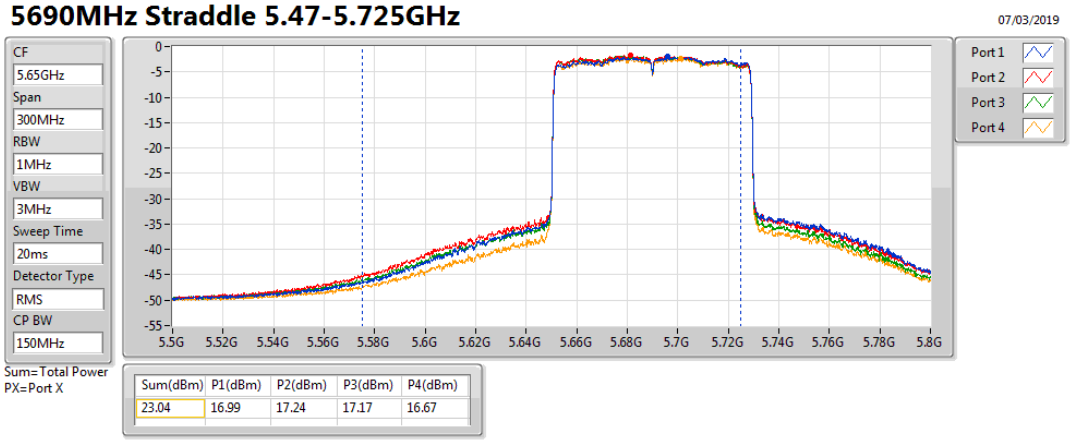
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.80	5.02	4.40	4.78	4.90

802.11ax HEW80_Nss1,(MCS0)_4TX **AV Power**

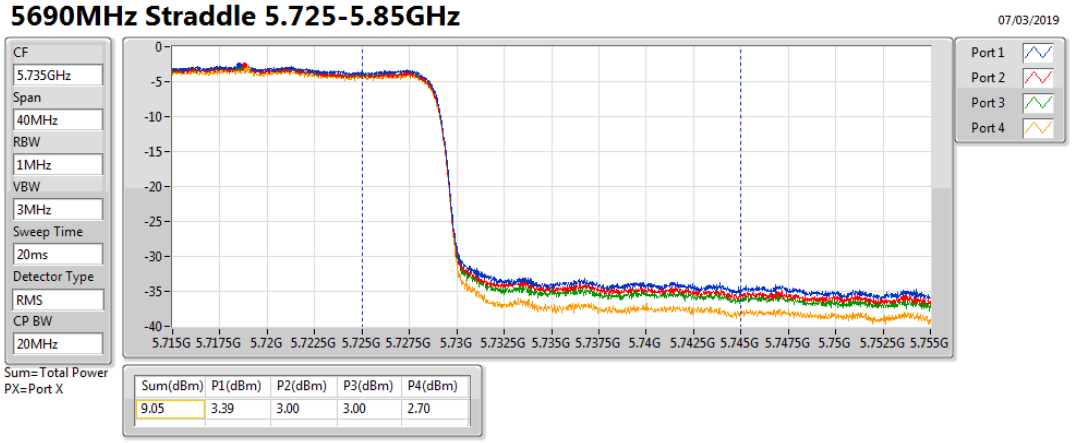
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.04	16.99	17.24	17.17	16.67

802.11ax HEW80_Nss1,(MCS0)_4TX **AV Power**

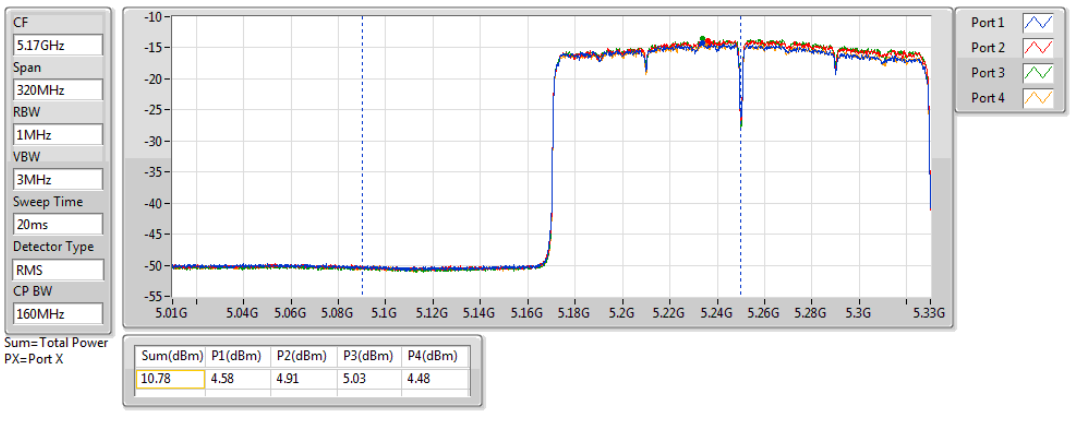
5690MHz Straddle 5.725-5.85GHz



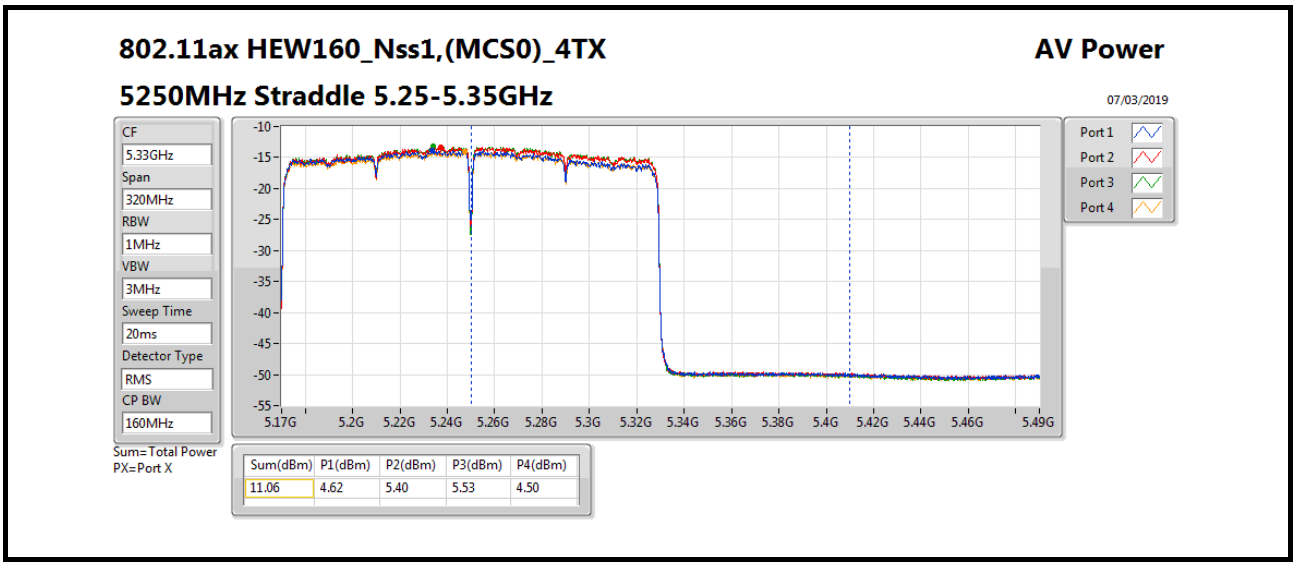
Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.05	3.39	3.00	3.00	2.70

802.11ax HEW160_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.78	4.58	4.91	5.03	4.48


802.11ax HEW160_Nss1,(MCS0)_4TX
AV Power
5250MHz Straddle 5.25-5.35GHz
07/03/2019
CF
5.33GHz
Span
320MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz
Sum=Total Power
PX=Port X
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
5.17G
5.2G
5.22G
5.24G
5.26G
5.28G
5.3G
5.32G
5.34G
5.36G
5.38G
5.4G
5.42G
5.44G
5.46G
5.49G
Port 1
Port 2
Port 3
Port 4
Sum(dBm) P1(dBm) P2(dBm) P3(dBm) P4(dBm)
11.06 4.62 5.40 5.53 4.50

For Beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	13.96	0.02489
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.95	0.06237
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	17.94	0.06223
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.86	0.06109
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	14.11	0.02576
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.91	0.06180
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	17.91	0.06180
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.95	0.06237
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	14.97	0.03141
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	11.66	0.01466
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.96	0.00625
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.25	0.00266

Result

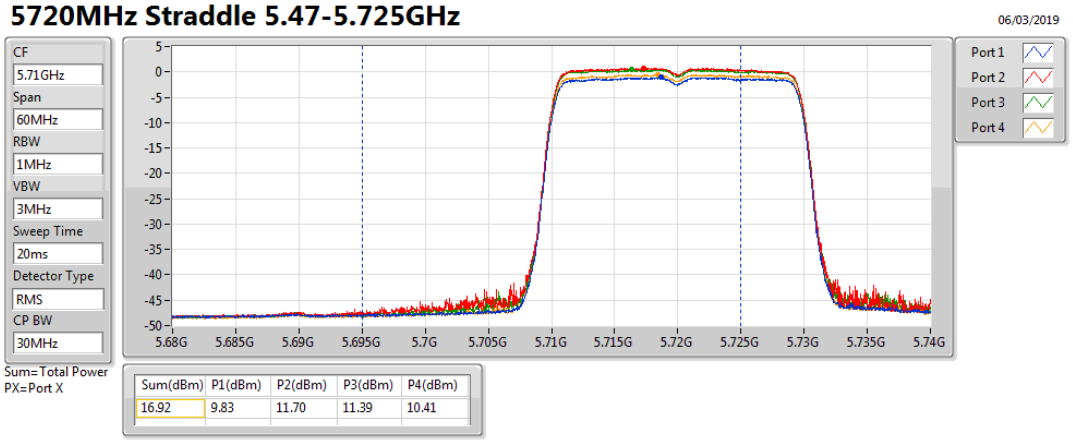
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	12.02	10.58	12.22	12.48	11.97	17.89	17.96	10.75
5300MHz	Pass	12.02	10.81	12.23	12.39	12.09	17.94	17.96	10.75
5320MHz	Pass	12.02	11.11	12.42	12.21	11.85	17.95	17.96	10.75
5500MHz	Pass	12.02	10.19	11.56	11.40	11.09	17.11	17.96	9.75
5580MHz	Pass	12.02	10.71	12.62	12.02	11.98	17.91	17.96	10.5
5700MHz	Pass	12.02	8.26	10.61	9.87	8.73	15.49	17.96	7.5
5720MHz Straddle 5.47-5.725GHz	Pass	12.02	9.83	11.70	11.39	10.41	16.92	16.94	10
5720MHz Straddle 5.725-5.85GHz	Pass	12.02	4.72	6.32	6.16	5.13	11.66	23.98	10
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	12.02	11.21	12.52	11.83	12.02	17.94	17.96	10.5
5310MHz	Pass	12.02	10.78	12.71	11.89	12.01	17.92	17.96	10.5
5510MHz	Pass	12.02	8.76	10.49	10.02	9.36	15.73	17.96	8
5550MHz	Pass	12.02	11.19	12.41	11.72	11.82	17.83	17.96	10.25
5670MHz	Pass	12.02	10.88	12.20	12.42	11.03	17.71	17.96	9.5
5710MHz Straddle 5.47-5.725GHz	Pass	12.02	11.20	12.46	12.40	11.34	17.91	17.96	10
5710MHz Straddle 5.725-5.85GHz	Pass	12.02	1.34	2.32	2.53	1.45	7.96	23.98	10
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	12.02	10.91	12.09	12.24	12.01	17.86	17.96	10.5
5530MHz	Pass	12.02	11.03	12.11	11.81	11.74	17.71	17.96	10.25
5610MHz	Pass	12.02	10.72	12.53	11.75	11.99	17.82	17.96	10
5690MHz Straddle 5.47-5.725GHz	Pass	12.02	11.03	12.43	12.21	11.94	17.95	17.96	10
5690MHz Straddle 5.725-5.85GHz	Pass	12.02	-2.41	-1.39	-1.75	-1.59	4.25	23.98	10
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	12.02	7.38	8.02	7.95	8.35	13.96	23.98	9.5
5250MHz Straddle 5.25-5.35GHz	Pass	12.02	7.40	8.35	8.25	8.28	14.11	17.96	9.5
5570MHz	Pass	12.02	8.08	9.62	9.03	8.94	14.97	17.96	6.75

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

Note : Conducted setting = Pass conducted setting division 4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **AV Power**

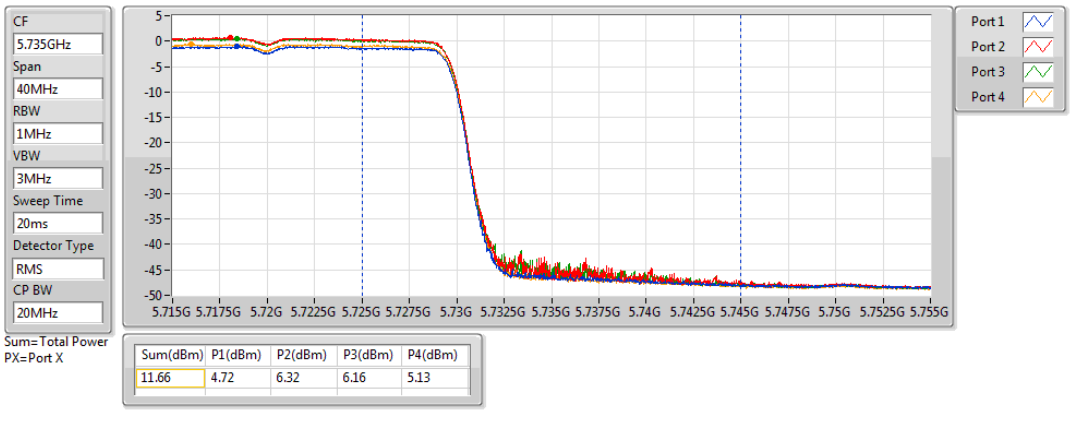
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
16.92	9.83	11.70	11.39	10.41

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **AV Power**

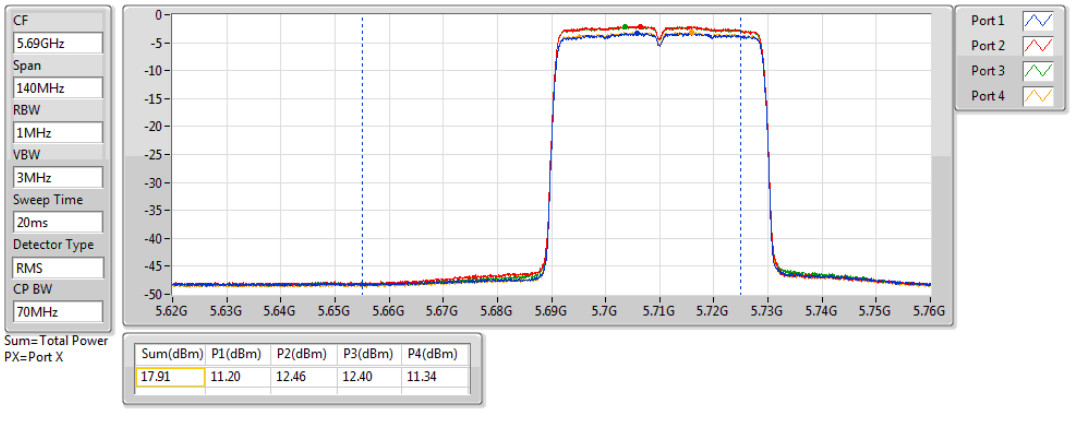
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.66	4.72	6.32	6.16	5.13

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **AV Power**

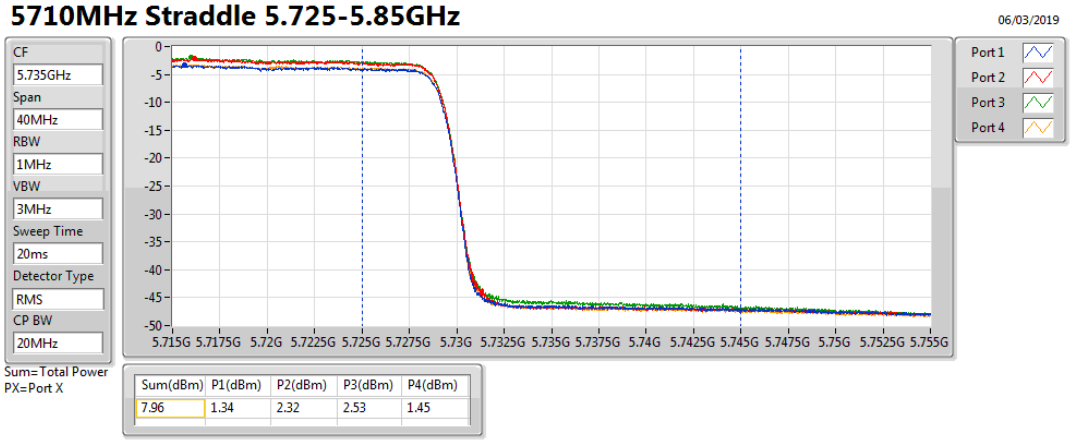
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.91	11.20	12.46	12.40	11.34

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **AV Power**

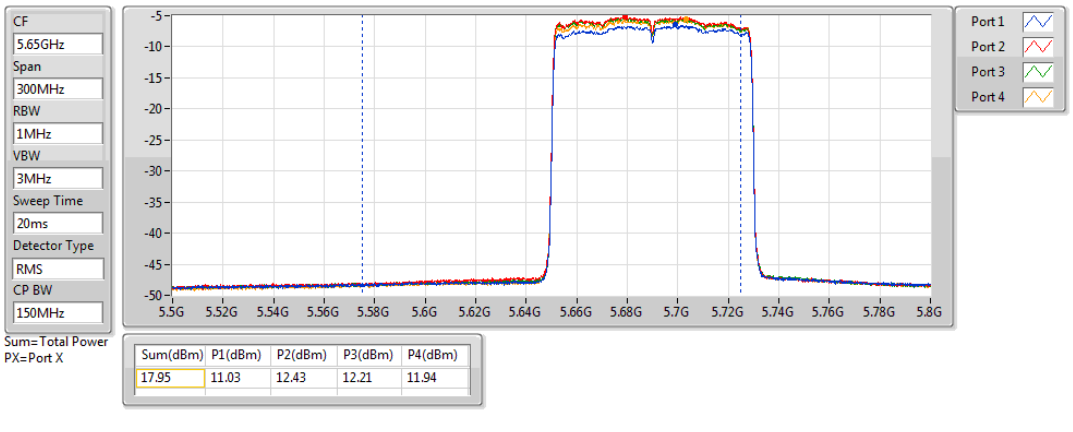
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.96	1.34	2.32	2.53	1.45

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **AV Power**

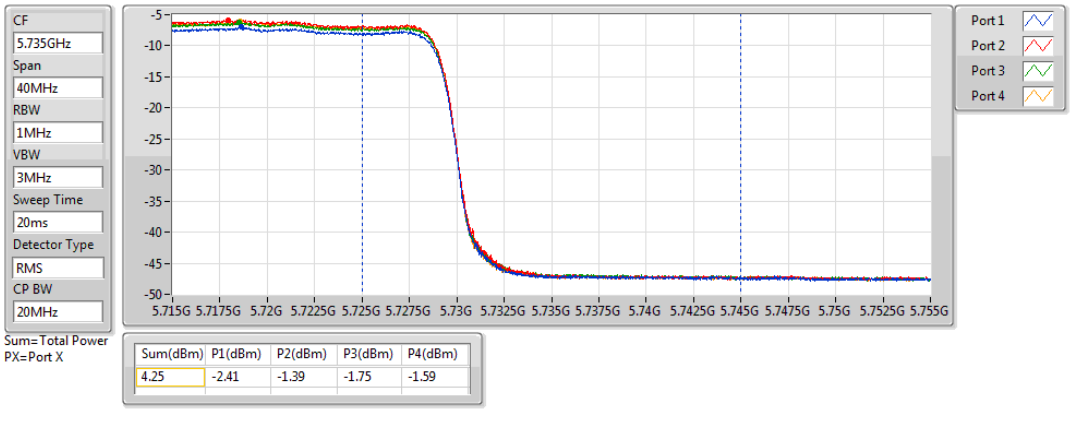
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.95	11.03	12.43	12.21	11.94

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.725-5.85GHz

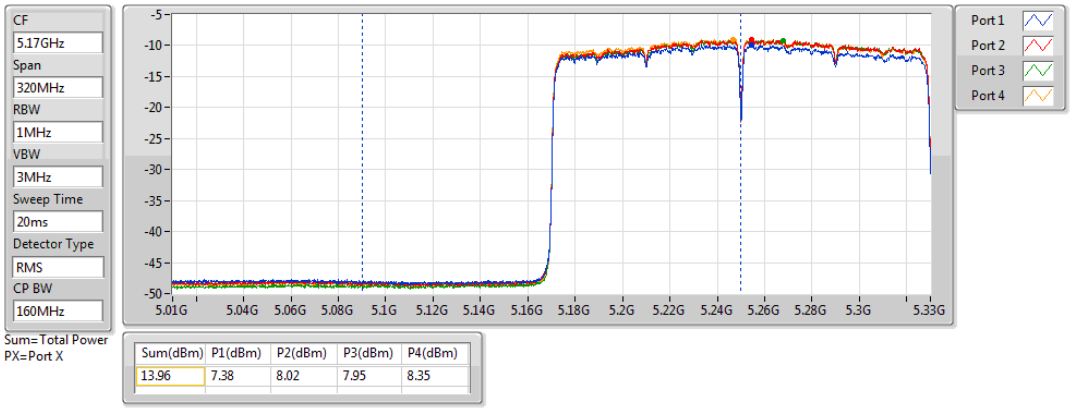


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
4.25	-2.41	-1.39	-1.75	-1.59

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.15-5.25GHz

06/03/2019

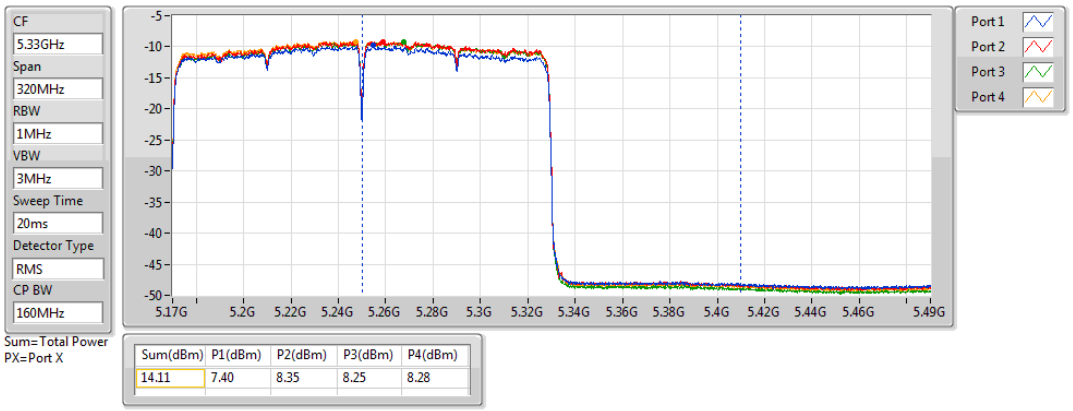


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.96	7.38	8.02	7.95	8.35

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.25-5.35GHz

06/03/2019



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.11	7.40	8.35	8.25	8.28

For Non-beamforming / 4T4S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	11.56	0.01432
5.25-5.35GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	23.89	0.24491
802.11ax HEW40_Nss4,(MCS0)_4TX	21.56	0.14322
802.11ax HEW80_Nss4,(MCS0)_4TX	17.45	0.05559
802.11ax HEW160_Nss4,(MCS0)_4TX	11.91	0.01552
5.47-5.725GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	23.83	0.24155
802.11ax HEW40_Nss4,(MCS0)_4TX	23.96	0.24889
802.11ax HEW80_Nss4,(MCS0)_4TX	23.87	0.24378
802.11ax HEW160_Nss4,(MCS0)_4TX	15.49	0.03540
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	17.34	0.05420
802.11ax HEW40_Nss4,(MCS0)_4TX	13.69	0.02339
802.11ax HEW80_Nss4,(MCS0)_4TX	9.49	0.00889

Result

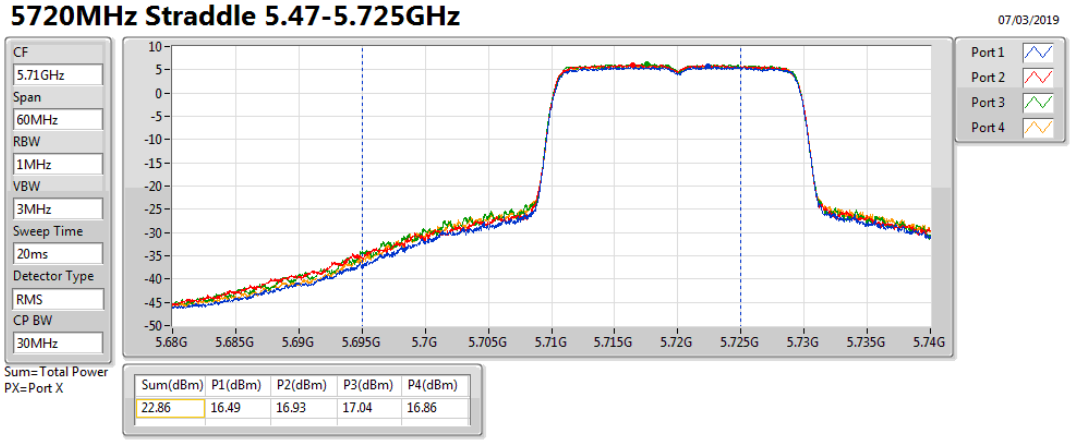
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	6.00	17.63	18.18	17.54	17.81	23.82	23.98	16.5
5300MHz	Pass	6.00	17.43	18.33	17.96	17.70	23.89	23.98	16.5
5320MHz	Pass	6.00	13.99	14.62	14.44	13.93	20.28	23.98	13
5500MHz	Pass	6.00	12.06	13.74	13.67	13.24	19.25	23.98	11.75
5580MHz	Pass	6.00	17.09	17.97	18.20	17.89	23.83	23.98	16.5
5700MHz	Pass	6.00	11.88	12.92	12.81	12.01	18.45	23.98	10.75
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	16.49	16.93	17.04	16.86	22.86	23.02	15.75
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	11.12	11.25	11.48	11.41	17.34	30.00	15.75
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	6.00	15.16	15.81	15.62	15.54	21.56	23.98	14.25
5310MHz	Pass	6.00	11.41	12.17	11.88	11.66	17.81	23.98	10.5
5510MHz	Pass	6.00	11.24	12.16	11.92	11.51	17.74	23.98	10.25
5550MHz	Pass	6.00	15.31	16.09	15.87	15.74	21.78	23.98	14.25
5670MHz	Pass	6.00	12.56	12.28	12.92	12.61	18.62	23.98	10.75
5710MHz Straddle 5.47-5.725GHz	Pass	6.00	18.47	16.95	18.21	17.99	23.96	23.98	16
5710MHz Straddle 5.725-5.85GHz	Pass	6.00	8.24	6.43	7.88	7.92	13.69	30.00	16
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	6.00	11.27	11.89	11.33	11.19	17.45	23.98	10
5530MHz	Pass	6.00	10.93	12.21	12.14	11.11	17.66	23.98	10.25
5610MHz	Pass	6.00	15.13	15.62	15.36	14.82	21.26	23.98	13.75
5690MHz Straddle 5.47-5.725GHz	Pass	6.00	18.02	17.73	18.10	17.53	23.87	23.98	15.75
5690MHz Straddle 5.725-5.85GHz	Pass	6.00	3.96	3.10	3.47	3.32	9.49	30.00	15.75
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00	5.33	5.88	5.56	5.35	11.56	30.00	7.5
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	5.42	6.51	5.95	5.58	11.91	23.98	7.5
5570MHz	Pass	6.00	8.95	9.70	9.76	9.44	15.49	23.98	7.75

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

Note : Conducted setting = Pass conducted setting division 4

802.11ax HEW20_Nss4,(MCS0)_4TX **AV Power**

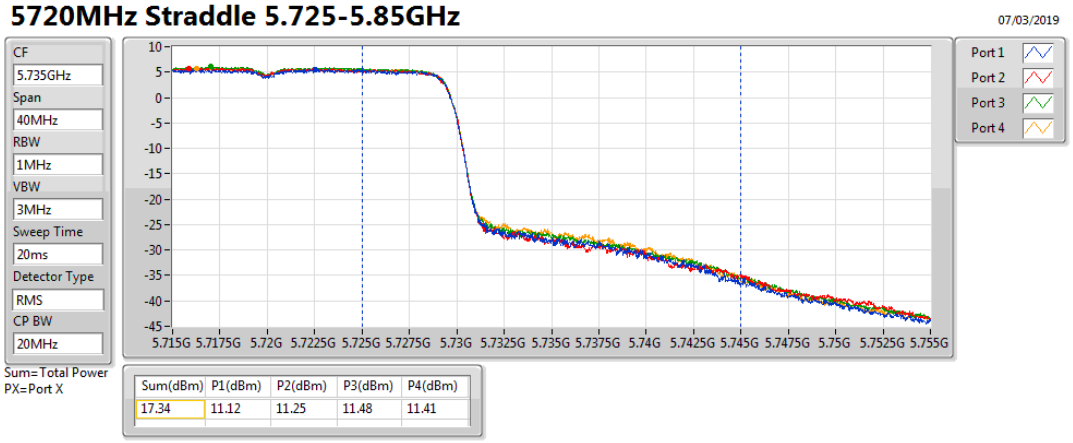
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
22.86	16.49	16.93	17.04	16.86

802.11ax HEW20_Nss4,(MCS0)_4TX **AV Power**

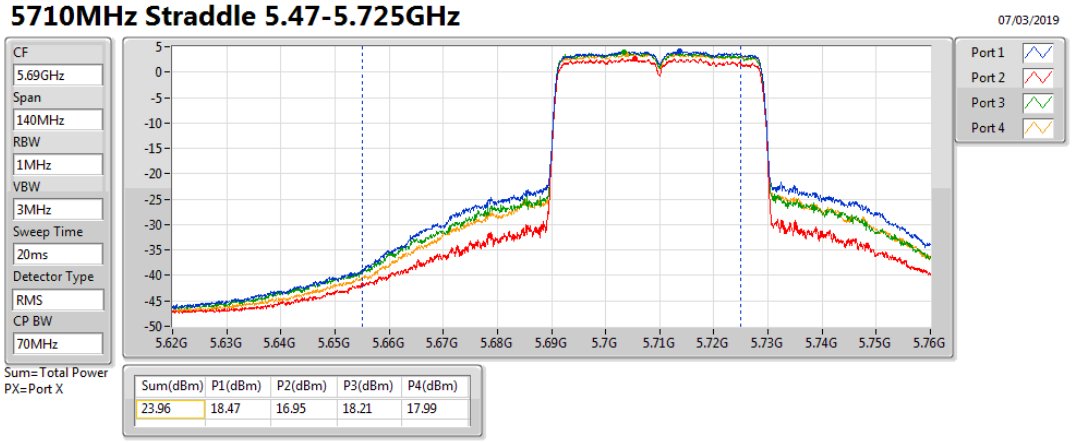
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
17.34	11.12	11.25	11.48	11.41

802.11ax HEW40_Nss4,(MCS0)_4TX **AV Power**

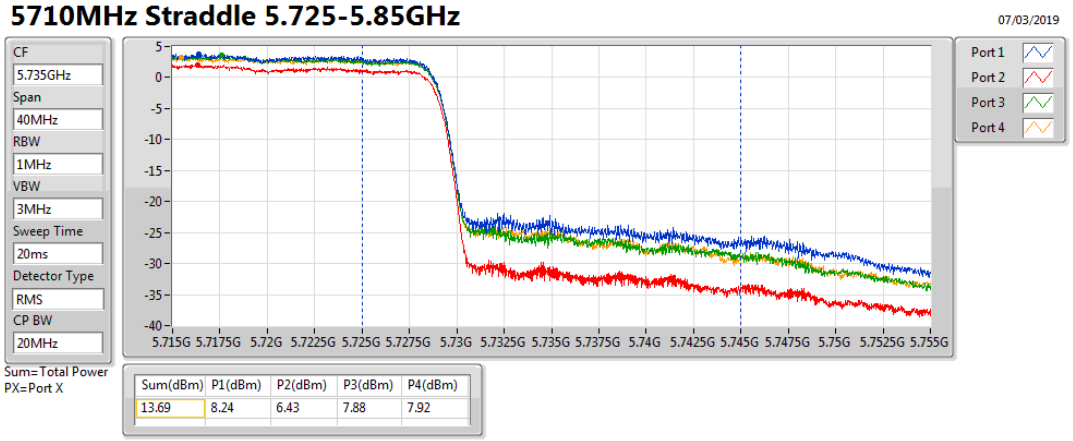
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.96	18.47	16.95	18.21	17.99

802.11ax HEW40_Nss4,(MCS0)_4TX **AV Power**

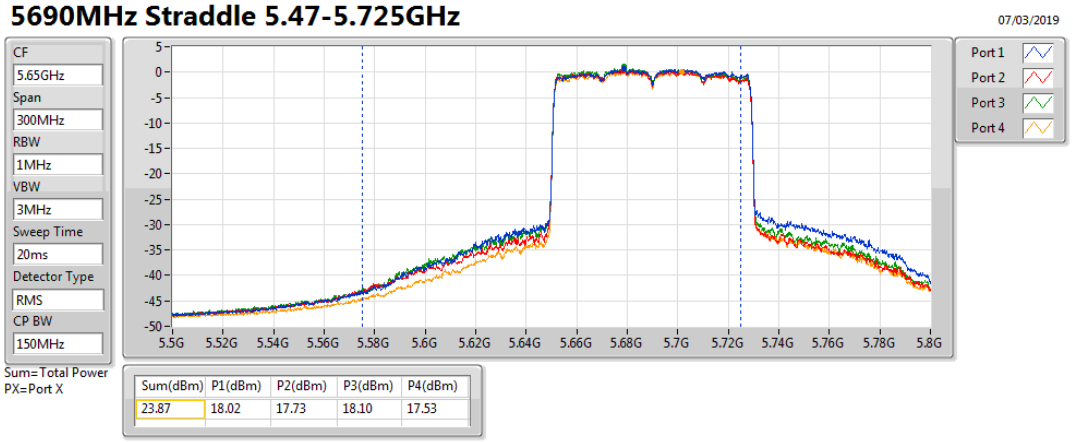
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.69	8.24	6.43	7.88	7.92

802.11ax HEW80_Nss4,(MCS0)_4TX **AV Power**

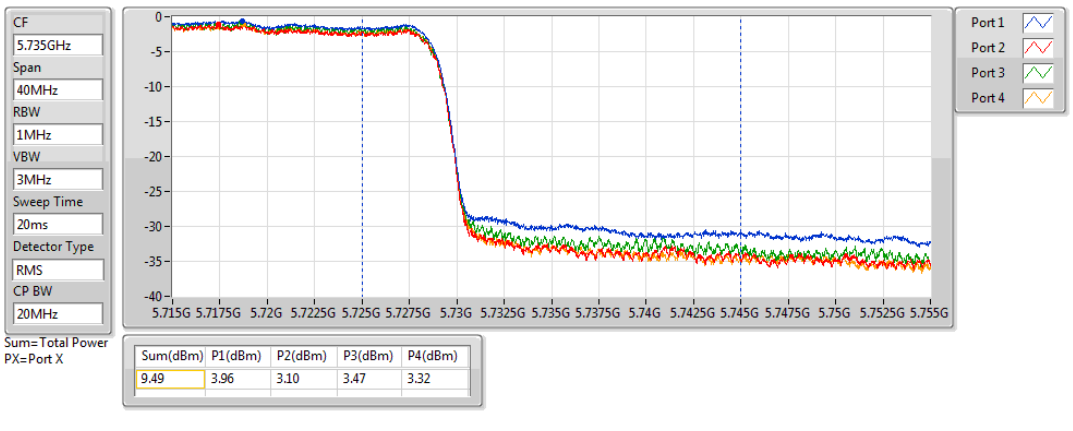
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.87	18.02	17.73	18.10	17.53

802.11ax HEW80_Nss4,(MCS0)_4TX **AV Power**

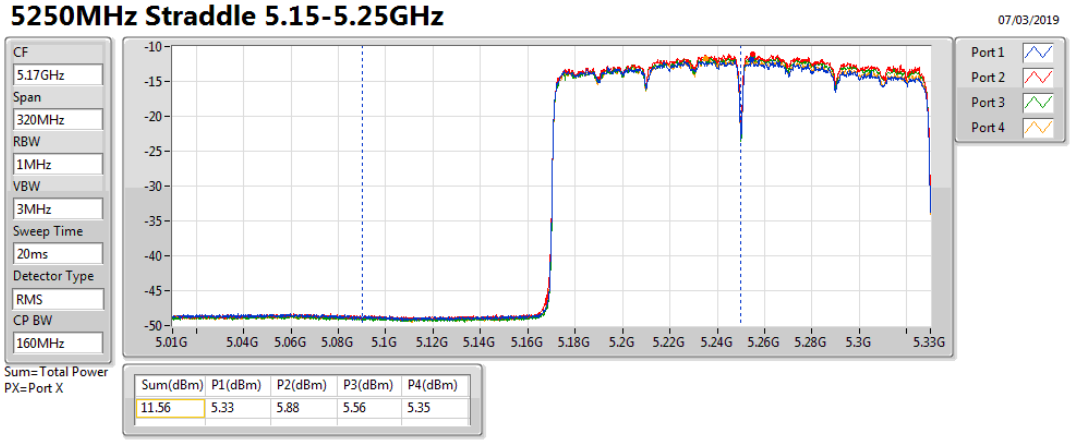
5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.49	3.96	3.10	3.47	3.32

802.11ax HEW160_Nss4,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.56	5.33	5.88	5.56	5.35

802.11ax HEW160_Nss4,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.25-5.35GHz

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.91	5.42	6.51	5.95	5.58

Mode 3: (Ant. 11 Panel antenna / 8.7 dBi)
For Non-beamforming / 1T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	10.52	0.01127
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	18.58	0.07211
802.11ax HEW20_Nss1,(MCS0)_1TX	19.34	0.08590
802.11ax HEW40_Nss1,(MCS0)_1TX	18.41	0.06934
802.11ax HEW80_Nss1,(MCS0)_1TX	15.77	0.03776
802.11ax HEW160_Nss1,(MCS0)_1TX	10.06	0.01014
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.09	0.12853
802.11ax HEW20_Nss1,(MCS0)_1TX	21.25	0.13335
802.11ax HEW40_Nss1,(MCS0)_1TX	20.07	0.10162
802.11ax HEW80_Nss1,(MCS0)_1TX	19.18	0.08279
802.11ax HEW160_Nss1,(MCS0)_1TX	14.06	0.02547
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	12.95	0.01972
802.11ax HEW20_Nss1,(MCS0)_1TX	13.33	0.02153
802.11ax HEW40_Nss1,(MCS0)_1TX	10.51	0.01125
802.11ax HEW80_Nss1,(MCS0)_1TX	5.91	0.00390

Result

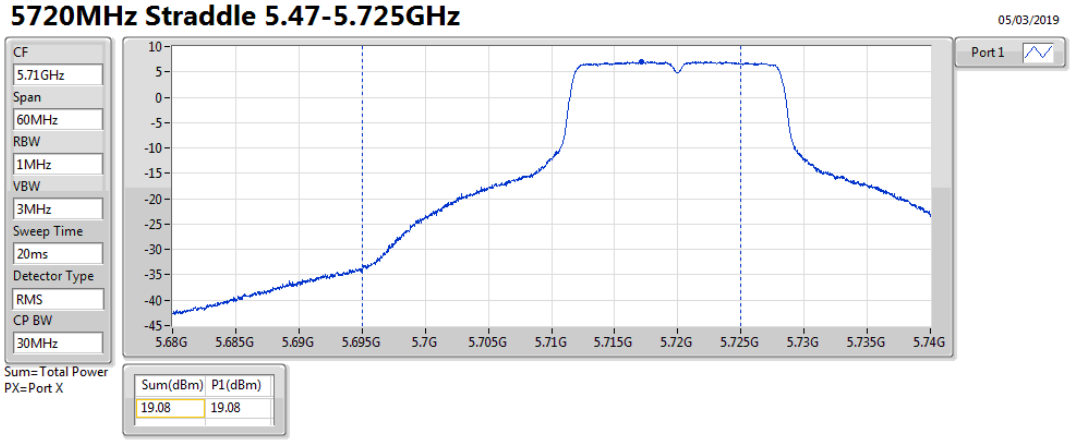
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5260MHz	Pass	8.70	18.41	18.41	21.28	17.25
5300MHz	Pass	8.70	18.58	18.58	21.28	17.5
5320MHz	Pass	8.70	18.32	18.32	21.28	17
5500MHz	Pass	8.70	14.89	14.89	21.28	14
5580MHz	Pass	8.70	21.09	21.09	21.28	20.5
5700MHz	Pass	8.70	14.96	14.96	21.28	13.5
5720MHz Straddle 5.47-5.725GHz	Pass	8.70	19.08	19.08	21.28	19
5720MHz Straddle 5.725-5.85GHz	Pass	8.70	12.95	12.95	27.30	19
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	8.70	18.75	18.75	21.28	17.5
5300MHz	Pass	8.70	19.34	19.34	21.28	18
5320MHz	Pass	8.70	17.43	17.43	21.28	16.25
5500MHz	Pass	8.70	15.30	15.30	21.28	14.25
5580MHz	Pass	8.70	21.25	21.25	21.28	22
5700MHz	Pass	8.70	11.77	11.77	21.28	10.25
5720MHz Straddle 5.47-5.725GHz	Pass	8.70	18.50	18.50	21.28	18.5
5720MHz Straddle 5.725-5.85GHz	Pass	8.70	13.33	13.33	27.30	18.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	8.70	18.41	18.41	21.28	16.75
5310MHz	Pass	8.70	15.87	15.87	21.28	14.5
5510MHz	Pass	8.70	14.35	14.35	21.28	13
5550MHz	Pass	8.70	19.69	19.69	21.28	17.75
5670MHz	Pass	8.70	16.76	16.76	21.28	14.25
5710MHz Straddle 5.47-5.725GHz	Pass	8.70	20.07	20.07	21.28	19
5710MHz Straddle 5.725-5.85GHz	Pass	8.70	10.51	10.51	27.30	19
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	8.70	15.77	15.77	21.28	14
5530MHz	Pass	8.70	15.03	15.03	21.28	13.75
5610MHz	Pass	8.70	18.03	18.03	21.28	16.25
5690MHz Straddle 5.47-5.725GHz	Pass	8.70	19.18	19.18	21.28	17.75
5690MHz Straddle 5.725-5.85GHz	Pass	8.70	5.91	5.91	27.30	17.75
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70	10.52	10.52	27.30	12
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	10.06	10.06	21.28	12
5570MHz	Pass	8.70	14.06	14.06	21.28	12.25

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

Note : Conducted setting = Pass conducted setting division 4

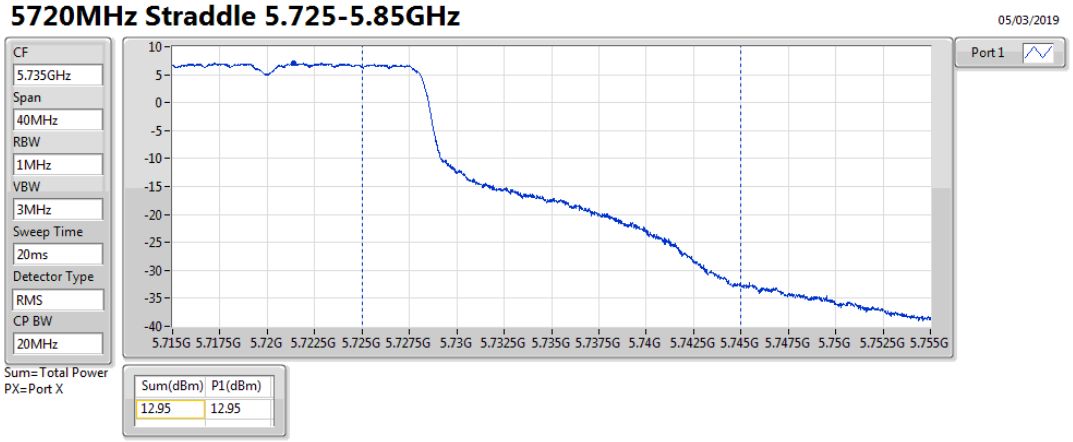
802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz



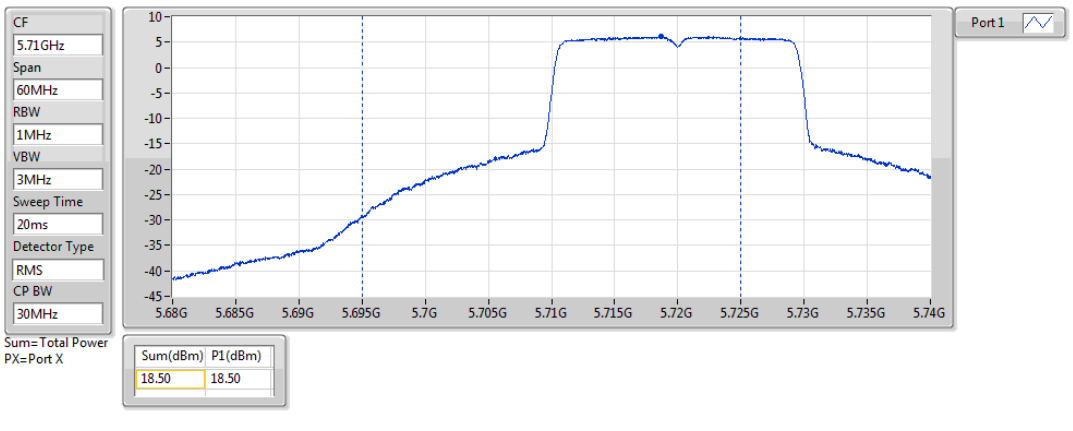
802.11a_Nss1,(6Mbps)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz



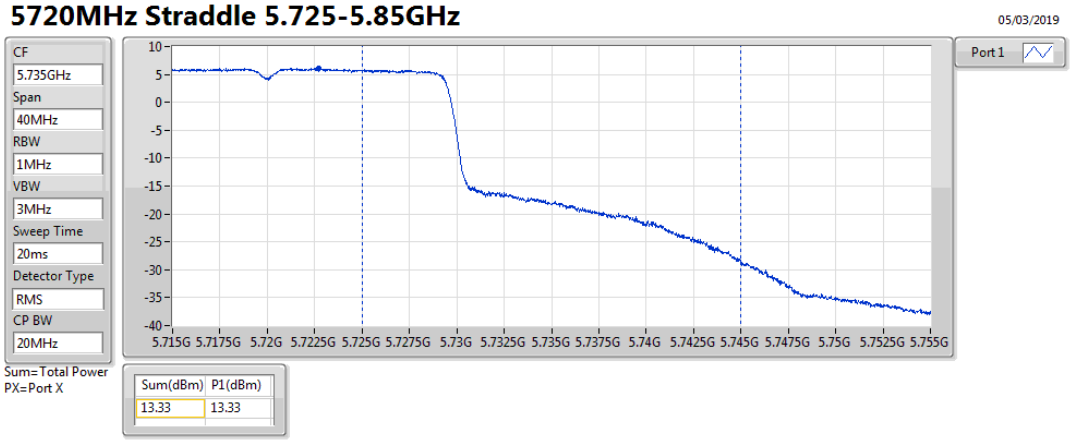
802.11ax HEW20_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.47-5.725GHz



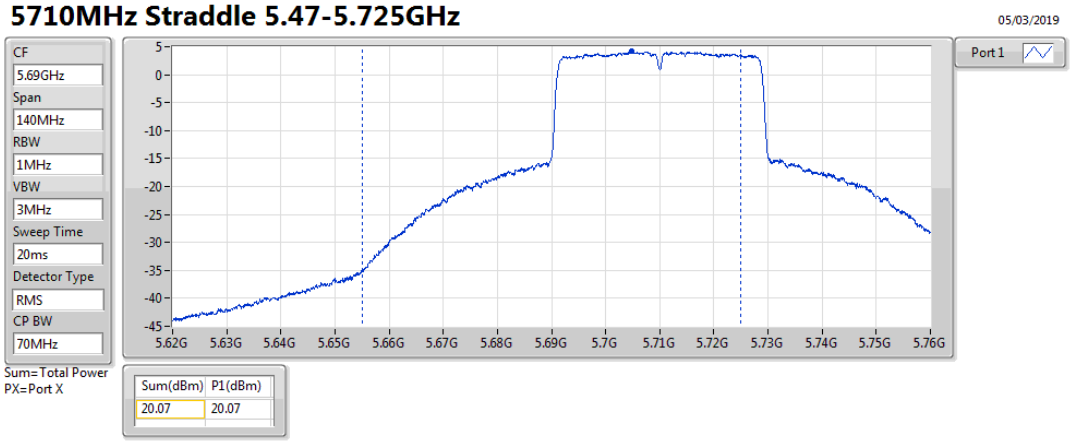
802.11ax HEW20_Nss1,(MCS0)_1TX **AV Power**

5720MHz Straddle 5.725-5.85GHz



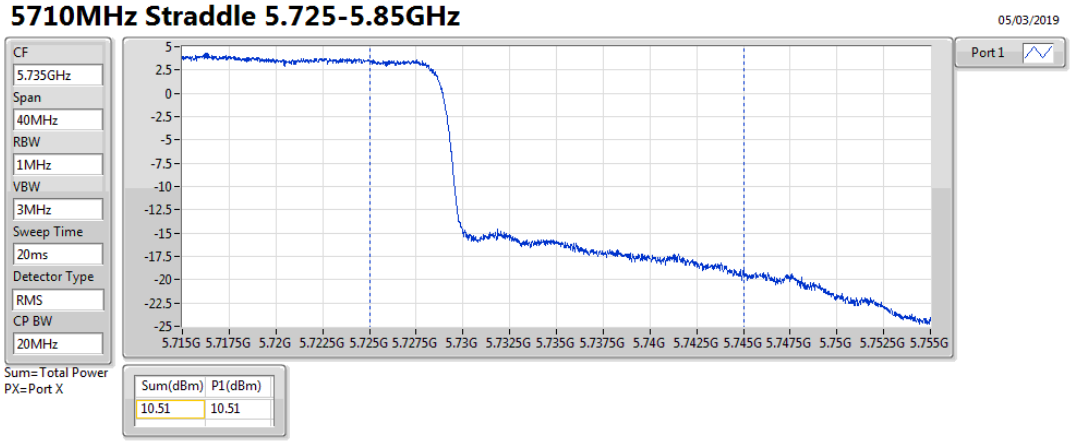
802.11ax HEW40_Nss1,(MCS0)_1TX **AV Power**

5710MHz Straddle 5.47-5.725GHz



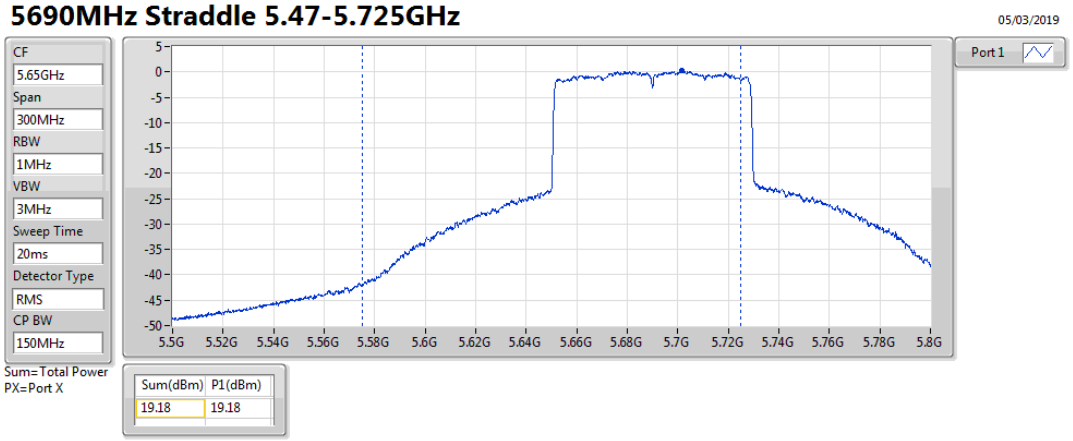
802.11ax HEW40_Nss1,(MCS0)_1TX **AV Power**

5710MHz Straddle 5.725-5.85GHz



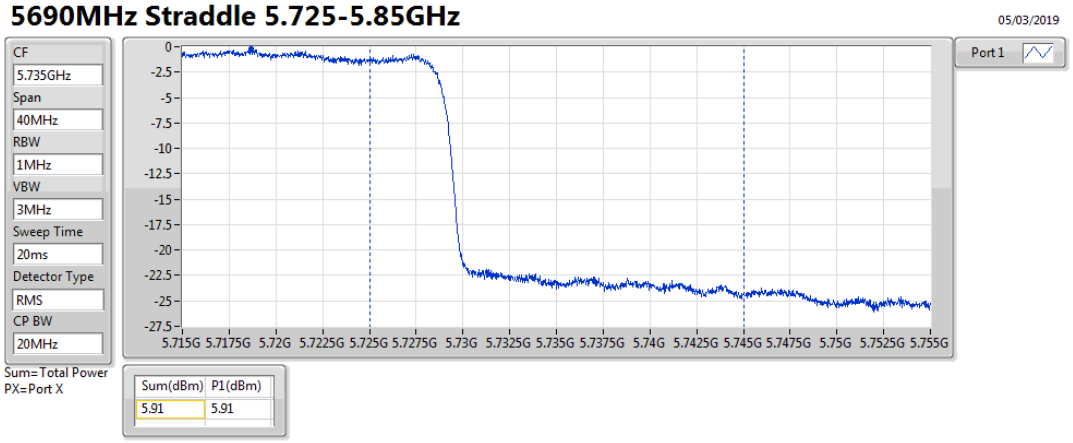
802.11ax HEW80_Nss1,(MCS0)_1TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



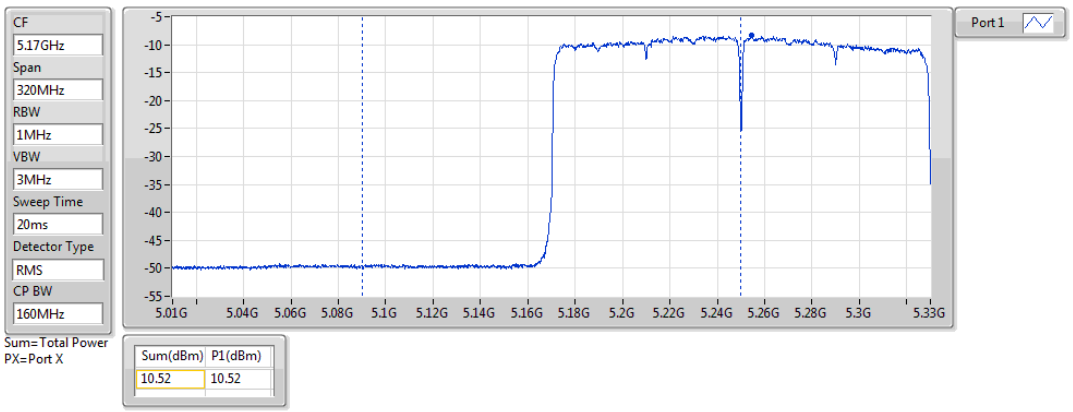
802.11ax HEW80_Nss1,(MCS0)_1TX **AV Power**

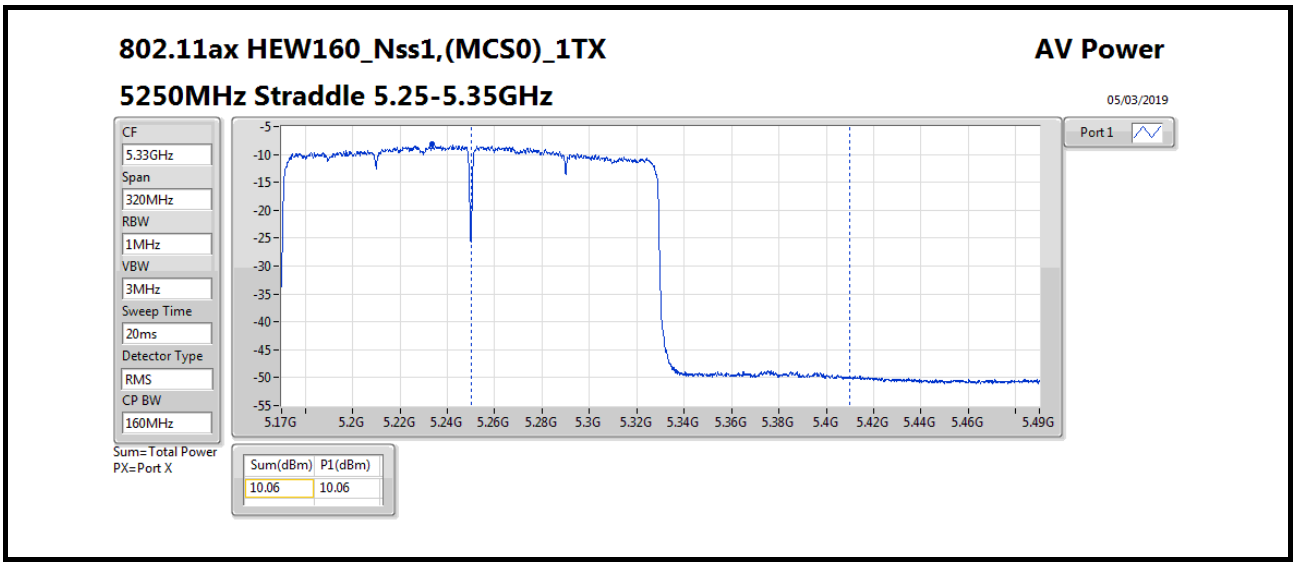
5690MHz Straddle 5.725-5.85GHz



802.11ax HEW160_Nss1,(MCS0)_1TX **AV Power**

5250MHz Straddle 5.15-5.25GHz




802.11ax HEW160_Nss1,(MCS0)_1TX
AV Power
5250MHz Straddle 5.25-5.35GHz
05/03/2019
CF
5.33GHz
Span
320MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz
Sum=Total Power
PX=Port X
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
-55
5.17G
5.2G
5.22G
5.24G
5.26G
5.28G
5.3G
5.32G
5.34G
5.36G
5.38G
5.4G
5.42G
5.44G
5.46G
5.49G
Port 1
Sum(dBm)
P1(dBm)
10.06
10.06

For Non-beamforming / 2T2S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	12.16	0.01644
5.25-5.35GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	21.17	0.13092
802.11ax HEW40_Nss2,(MCS0)_2TX	21.23	0.13274
802.11ax HEW80_Nss2,(MCS0)_2TX	17.27	0.05333
802.11ax HEW160_Nss2,(MCS0)_2TX	12.58	0.01811
5.47-5.725GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	21.10	0.12882
802.11ax HEW40_Nss2,(MCS0)_2TX	21.18	0.13122
802.11ax HEW80_Nss2,(MCS0)_2TX	20.69	0.11722
802.11ax HEW160_Nss2,(MCS0)_2TX	15.07	0.03214
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	15.26	0.03357
802.11ax HEW40_Nss2,(MCS0)_2TX	11.23	0.01327
802.11ax HEW80_Nss2,(MCS0)_2TX	6.75	0.00473

Result

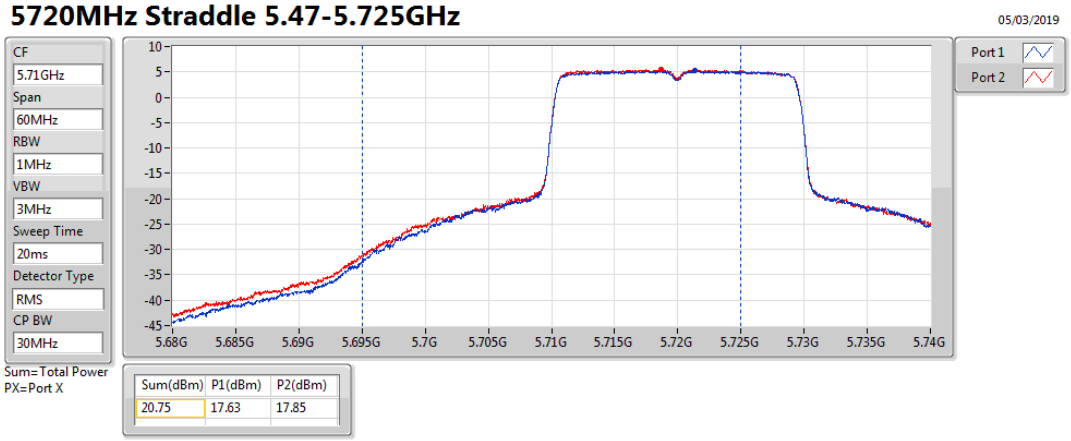
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5260MHz	Pass	8.70	17.71	18.55	21.16	21.28	16.5
5300MHz	Pass	8.70	18.03	18.29	21.17	21.28	16.5
5320MHz	Pass	8.70	15.92	16.59	19.28	21.28	14.5
5500MHz	Pass	8.70	13.09	14.57	16.90	21.28	12.25
5580MHz	Pass	8.70	17.19	18.84	21.10	21.28	16.5
5700MHz	Pass	8.70	12.95	14.08	16.56	21.28	11.25
5720MHz Straddle 5.47-5.725GHz	Pass	8.70	17.63	17.85	20.75	21.28	17.5
5720MHz Straddle 5.725-5.85GHz	Pass	8.70	12.22	12.27	15.26	27.30	17.5
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	8.70	18.14	18.29	21.23	21.28	16.25
5310MHz	Pass	8.70	14.89	15.80	18.38	21.28	13.25
5510MHz	Pass	8.70	13.68	14.47	17.10	21.28	12.25
5550MHz	Pass	8.70	17.96	18.33	21.16	21.28	16.25
5670MHz	Pass	8.70	15.05	14.94	18.01	21.28	13
5710MHz Straddle 5.47-5.725GHz	Pass	8.70	18.63	17.66	21.18	21.28	17.25
5710MHz Straddle 5.725-5.85GHz	Pass	8.70	8.83	7.50	11.23	27.30	17.25
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	8.70	13.87	14.62	17.27	21.28	12.5
5530MHz	Pass	8.70	12.32	13.67	16.06	21.28	11.5
5610MHz	Pass	8.70	15.98	16.57	19.30	21.28	14.5
5690MHz Straddle 5.47-5.725GHz	Pass	8.70	17.73	17.62	20.69	21.28	16.25
5690MHz Straddle 5.725-5.85GHz	Pass	8.70	4.12	3.33	6.75	27.30	16.25
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70	9.08	9.21	12.16	27.30	11.5
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	9.21	9.91	12.58	21.28	11.5
5570MHz	Pass	8.70	11.46	12.59	15.07	21.28	10.25

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

Note : Conducted setting = Pass conducted setting division 4

802.11ax HEW20_Nss2,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.47-5.725GHz

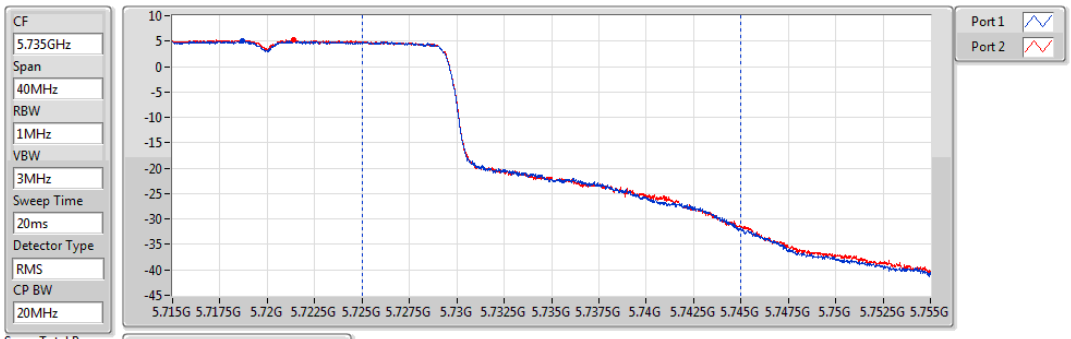


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
20.75	17.63	17.85

802.11ax HEW20_Nss2,(MCS0)_2TX **AV Power**

5720MHz Straddle 5.725-5.85GHz

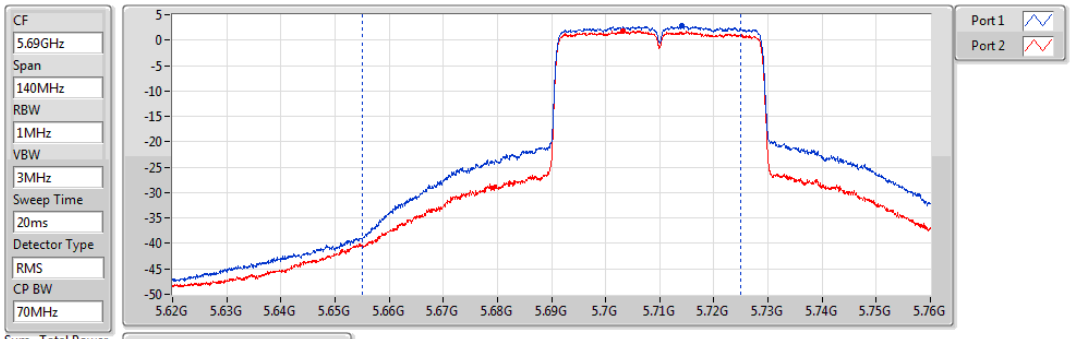


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
15.26	12.22	12.27

802.11ax HEW40_Nss2,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.47-5.725GHz

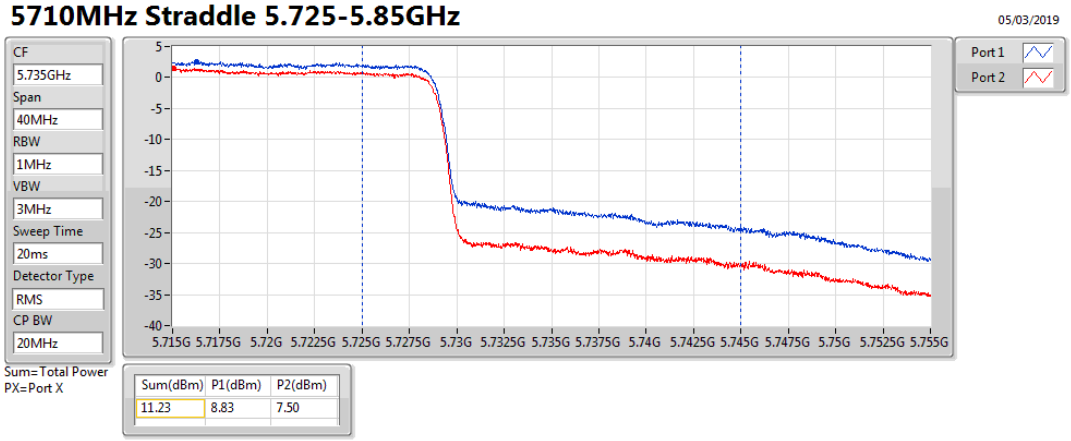


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
21.18	18.63	17.66

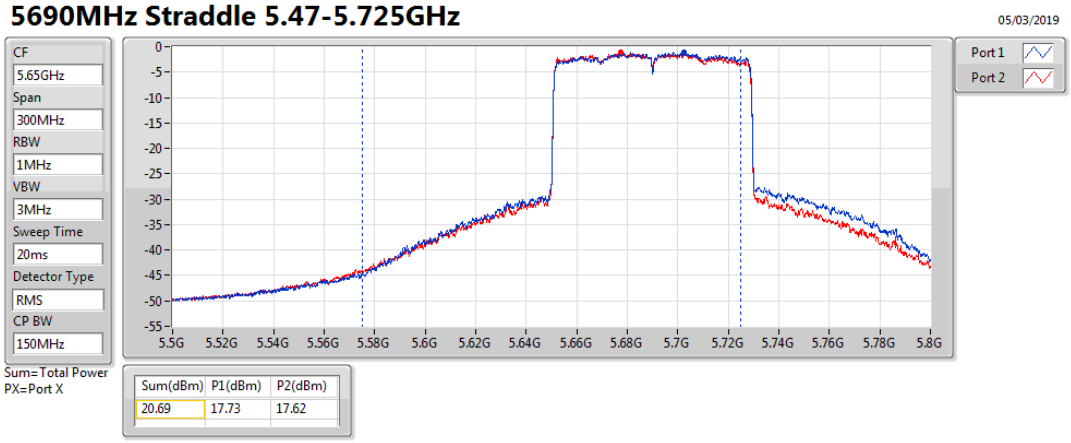
802.11ax HEW40_Nss2,(MCS0)_2TX **AV Power**

5710MHz Straddle 5.725-5.85GHz



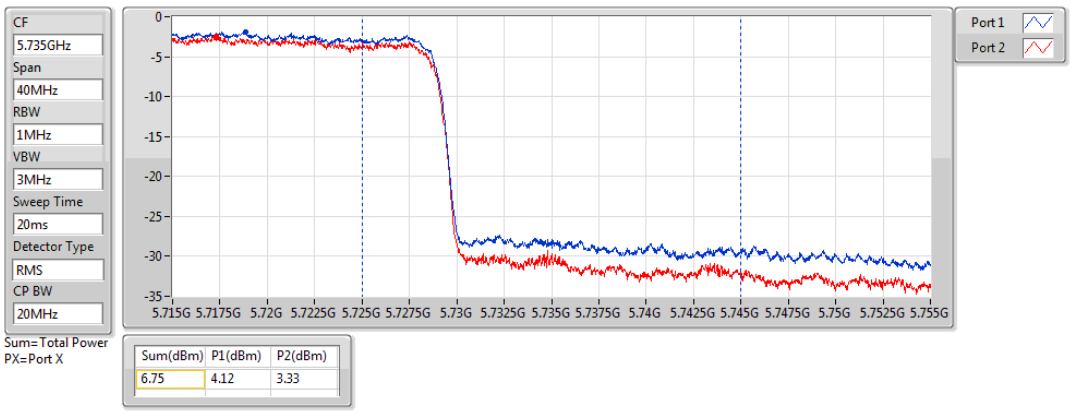
802.11ax HEW80_Nss2,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.47-5.725GHz



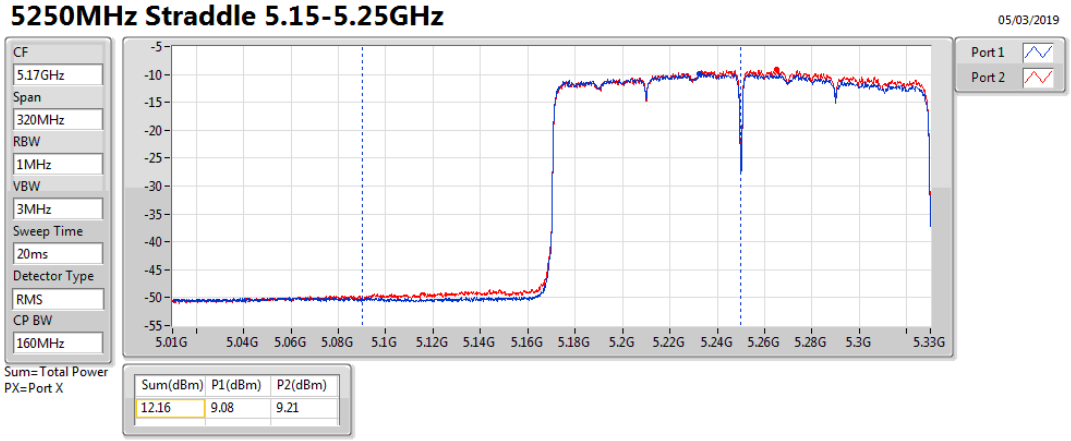
802.11ax HEW80_Nss2,(MCS0)_2TX **AV Power**

5690MHz Straddle 5.725-5.85GHz



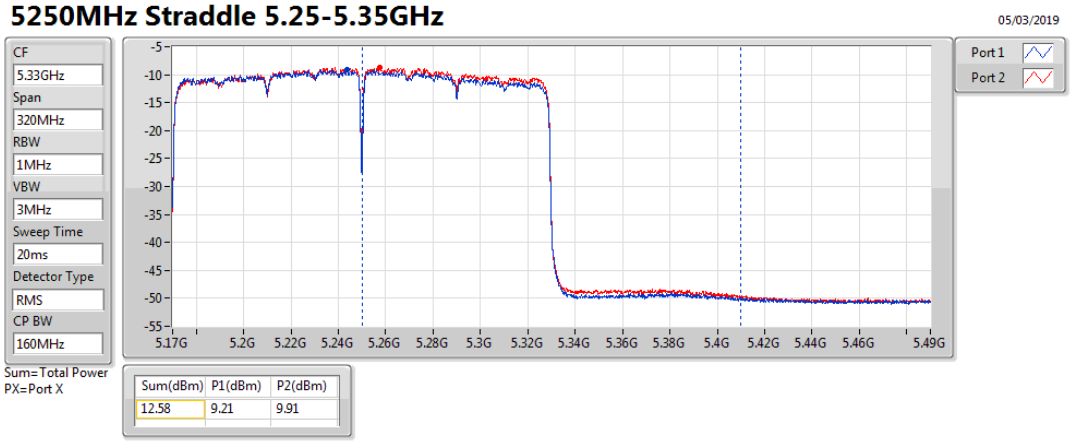
802.11ax HEW160_Nss2,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.15-5.25GHz



802.11ax HEW160_Nss2,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



For Non-beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	14.01	0.02518
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.22	0.03327
802.11ax HEW20_Nss1,(MCS0)_4TX	15.66	0.03681
802.11ax HEW40_Nss1,(MCS0)_4TX	18.53	0.07129
802.11ax HEW80_Nss1,(MCS0)_4TX	19.04	0.08017
802.11ax HEW160_Nss1,(MCS0)_4TX	13.84	0.02421
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.27	0.03365
802.11ax HEW20_Nss1,(MCS0)_4TX	15.50	0.03548
802.11ax HEW40_Nss1,(MCS0)_4TX	18.50	0.07079
802.11ax HEW80_Nss1,(MCS0)_4TX	21.25	0.13335
802.11ax HEW160_Nss1,(MCS0)_4TX	16.53	0.04498
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.07	0.00641
802.11ax HEW20_Nss1,(MCS0)_4TX	9.26	0.00843
802.11ax HEW40_Nss1,(MCS0)_4TX	8.30	0.00676
802.11ax HEW80_Nss1,(MCS0)_4TX	7.43	0.00553

Result

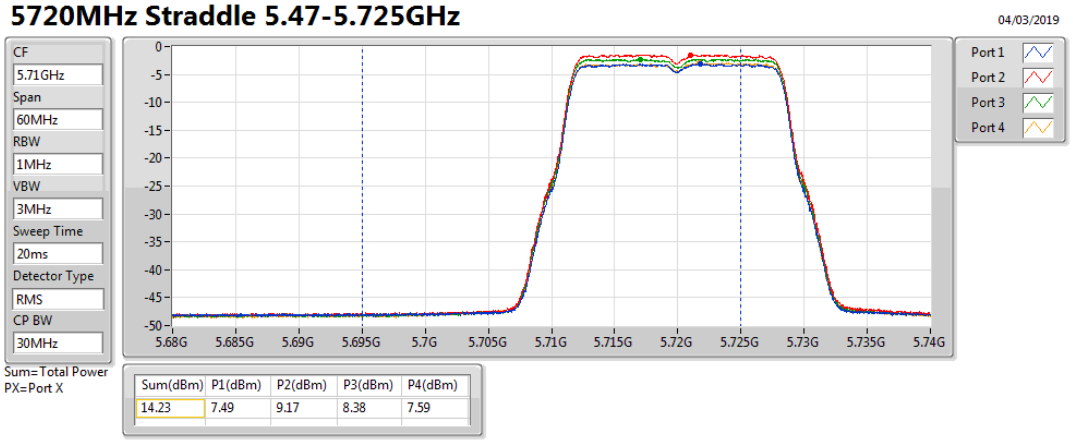
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.70	8.42	10.33	9.07	8.58	15.19	21.28	8.25
5300MHz	Pass	8.70	8.45	10.14	9.14	8.25	15.08	21.28	8.25
5320MHz	Pass	8.70	8.29	10.32	9.49	8.36	15.22	21.28	8.25
5500MHz	Pass	8.70	8.02	9.91	9.31	9.22	15.19	21.28	8
5580MHz	Pass	8.70	8.24	10.04	9.26	8.78	15.15	21.28	8.25
5700MHz	Pass	8.70	8.29	10.15	9.75	8.53	15.27	21.28	7.75
5720MHz Straddle 5.47-5.725GHz	Pass	8.70	7.49	9.17	8.38	7.59	14.23	20.25	7.5
5720MHz Straddle 5.725-5.85GHz	Pass	8.70	1.30	2.90	2.27	1.53	8.07	27.30	7.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.70	9.13	10.18	9.71	8.85	15.52	21.28	8.5
5300MHz	Pass	8.70	8.97	10.43	9.76	9.05	15.61	21.28	8.5
5320MHz	Pass	8.70	8.62	10.54	10.12	9.01	15.66	21.28	8.5
5500MHz	Pass	8.70	8.37	10.25	9.54	9.28	15.43	21.28	8.25
5580MHz	Pass	8.70	8.42	10.38	9.37	9.48	15.49	21.28	8.25
5700MHz	Pass	8.70	8.79	10.14	9.88	8.97	15.50	21.28	7.75
5720MHz Straddle 5.47-5.725GHz	Pass	8.70	8.00	9.09	8.90	8.14	14.58	20.25	7.75
5720MHz Straddle 5.725-5.85GHz	Pass	8.70	2.74	3.87	3.70	2.48	9.26	27.30	7.75
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.70	12.33	13.01	12.39	12.27	18.53	21.28	11.25
5310MHz	Pass	8.70	11.80	13.04	12.79	12.21	18.51	21.28	11
5510MHz	Pass	8.70	12.23	12.72	12.36	12.10	18.38	21.28	11
5550MHz	Pass	8.70	11.91	12.97	12.66	12.23	18.48	21.28	11
5670MHz	Pass	8.70	12.33	12.25	13.18	12.08	18.50	21.28	10.5
5710MHz Straddle 5.47-5.725GHz	Pass	8.70	12.15	12.05	12.68	12.25	18.31	21.28	10.5
5710MHz Straddle 5.725-5.85GHz	Pass	8.70	2.27	2.00	2.53	2.30	8.30	27.30	10.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.70	13.01	13.42	13.13	12.48	19.04	21.28	11.75
5530MHz	Pass	8.70	11.54	12.93	12.41	11.25	18.11	21.28	10.5
5610MHz	Pass	8.70	14.28	14.80	14.39	13.84	20.36	21.28	12.75
5690MHz Straddle 5.47-5.725GHz	Pass	8.70	15.20	15.77	15.37	14.46	21.25	21.28	13.25
5690MHz Straddle 5.725-5.85GHz	Pass	8.70	1.87	1.66	1.37	0.62	7.43	27.30	13.25
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70	7.58	8.09	8.27	7.97	14.01	27.30	9.25
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	7.00	8.29	8.27	7.59	13.84	21.28	9.25
5570MHz	Pass	8.70	10.04	10.87	10.60	10.49	16.53	21.28	8.75

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

Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_4TX **AV Power**

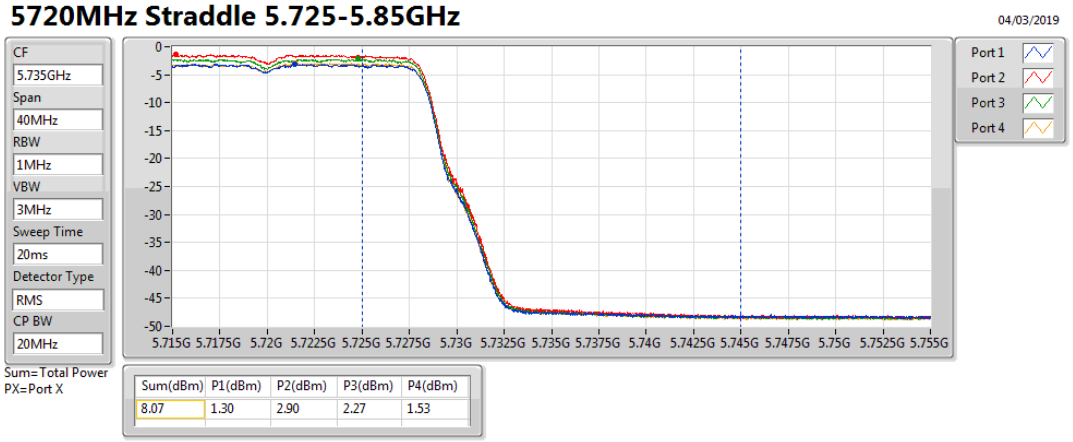
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.23	7.49	9.17	8.38	7.59

802.11a_Nss1,(6Mbps)_4TX **AV Power**

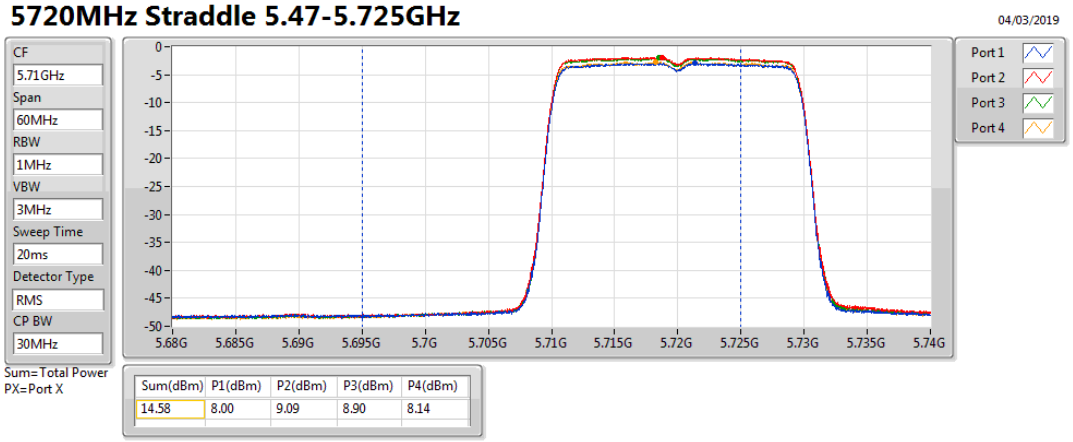
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
8.07	1.30	2.90	2.27	1.53

802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

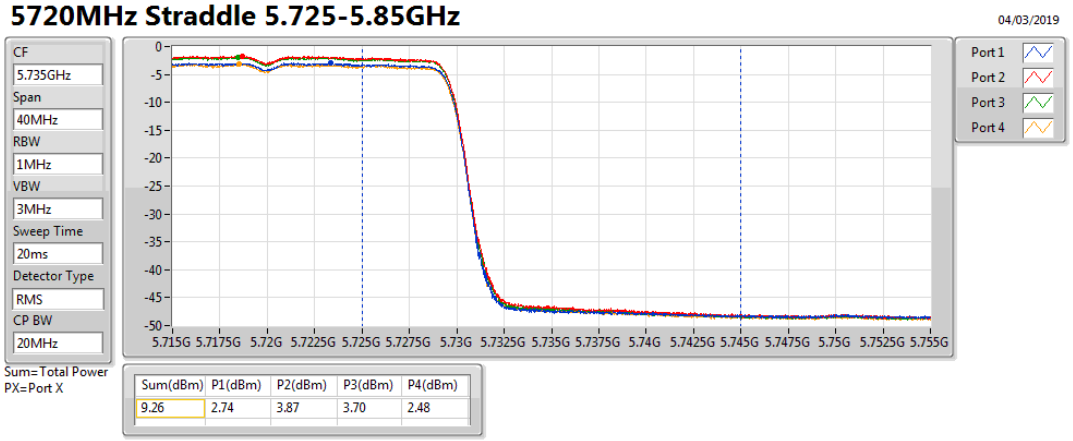
5720MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.58	8.00	9.09	8.90	8.14

802.11ax HEW20_Nss1,(MCS0)_4TX **AV Power**

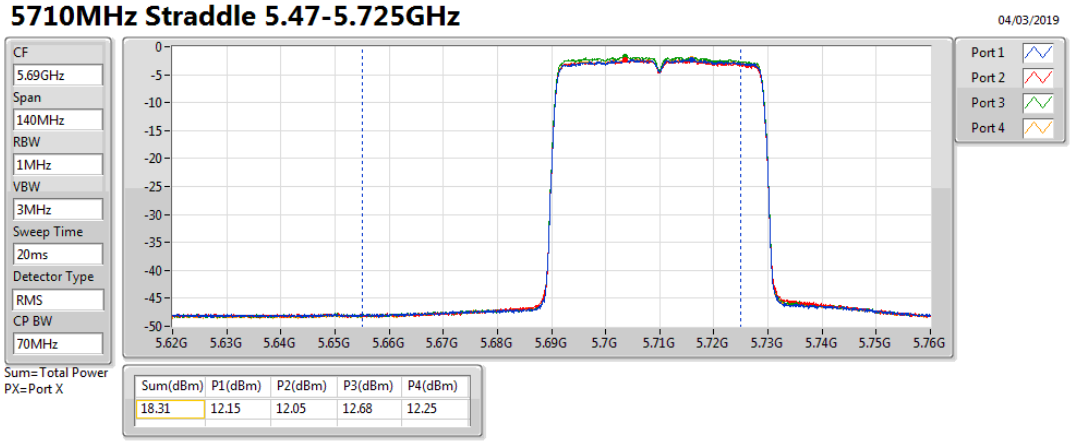
5720MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.26	2.74	3.87	3.70	2.48

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

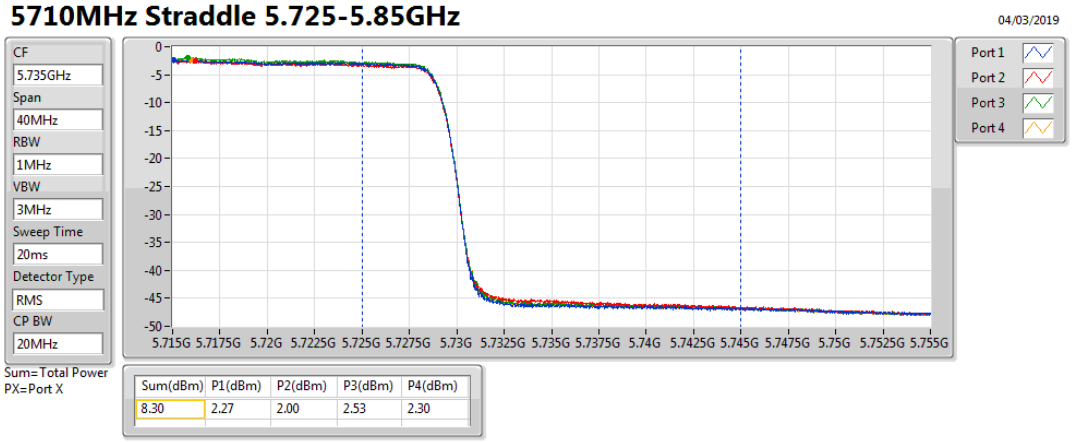
5710MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
18.31	12.15	12.05	12.68	12.25

802.11ax HEW40_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.725-5.85GHz

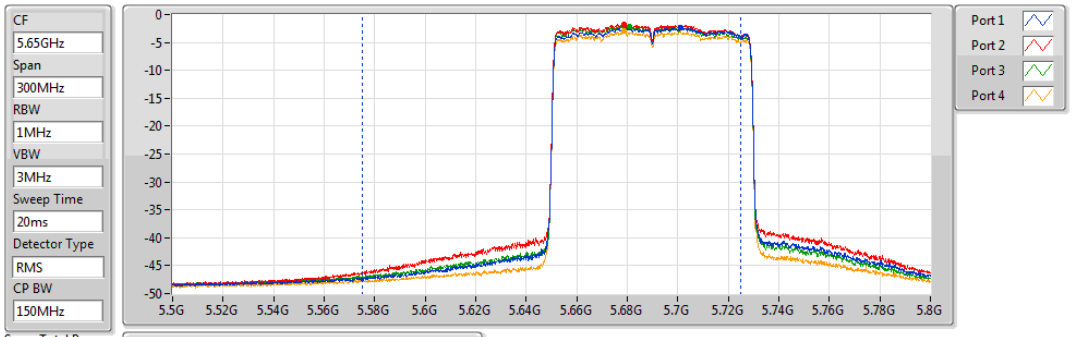


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
8.30	2.27	2.00	2.53	2.30

802.11ax HEW80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.47-5.725GHz

04/03/2019

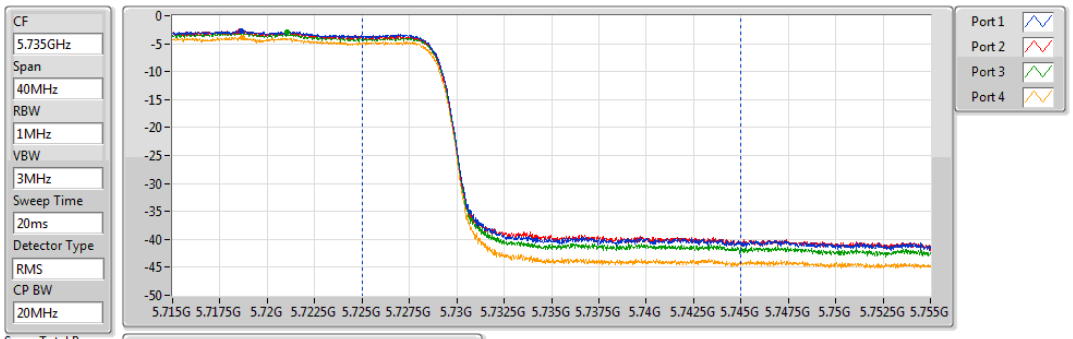


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.25	15.20	15.77	15.37	14.46

802.11ax HEW80_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.725-5.85GHz

04/03/2019

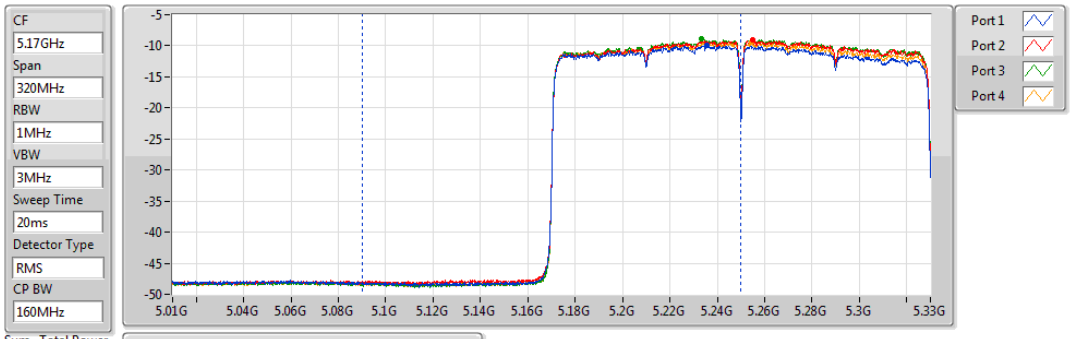


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.43	1.87	1.66	1.37	0.62

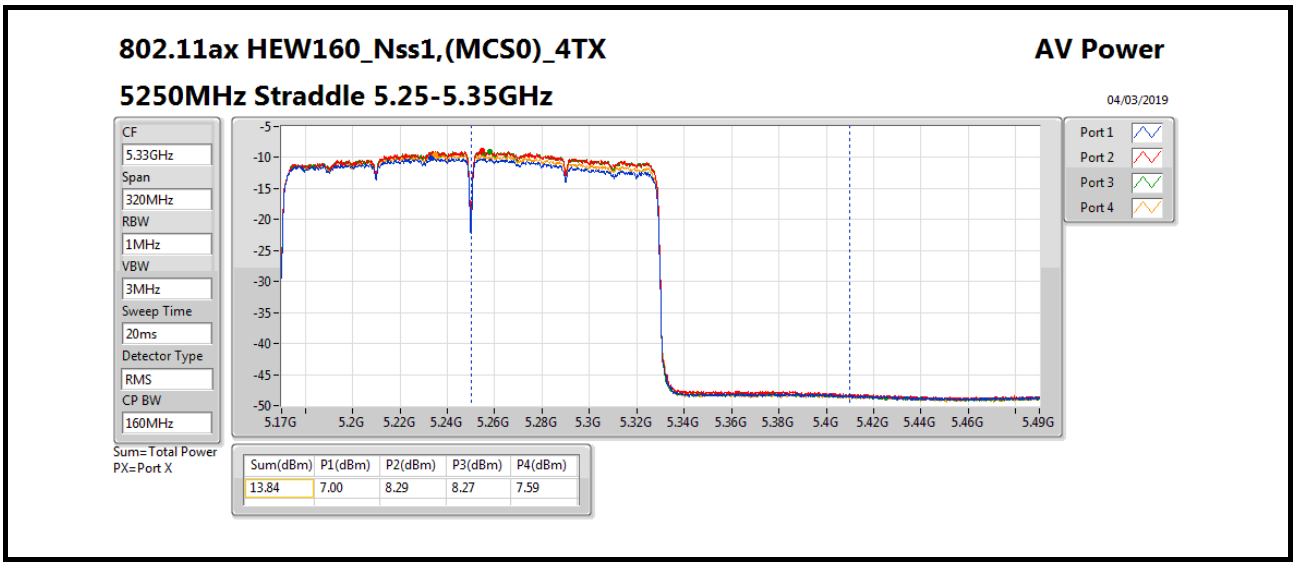
802.11ax HEW160_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.15-5.25GHz

04/03/2019



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.01	7.58	8.09	8.27	7.97


802.11ax HEW160_Nss1,(MCS0)_4TX
AV Power
5250MHz Straddle 5.25-5.35GHz
04/03/2019
CF
5.33GHz
Span
320MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz
Sum=Total Power
PX=Port X
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
5.17G
5.2G
5.22G
5.24G
5.26G
5.28G
5.3G
5.32G
5.34G
5.36G
5.38G
5.4G
5.42G
5.44G
5.46G
5.49G
Port 1
Port 2
Port 3
Port 4
Sum(dBm) P1(dBm) P2(dBm) P3(dBm) P4(dBm)
13.84 7.00 8.29 8.27 7.59

For Beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	14.56	0.02858
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.24	0.03342
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	15.19	0.03304
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	15.06	0.03206
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	14.79	0.03013
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.22	0.03327
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	15.24	0.03342
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	15.22	0.03327
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	14.43	0.02773
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.81	0.00760
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.41	0.00348
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	1.55	0.00143

Result

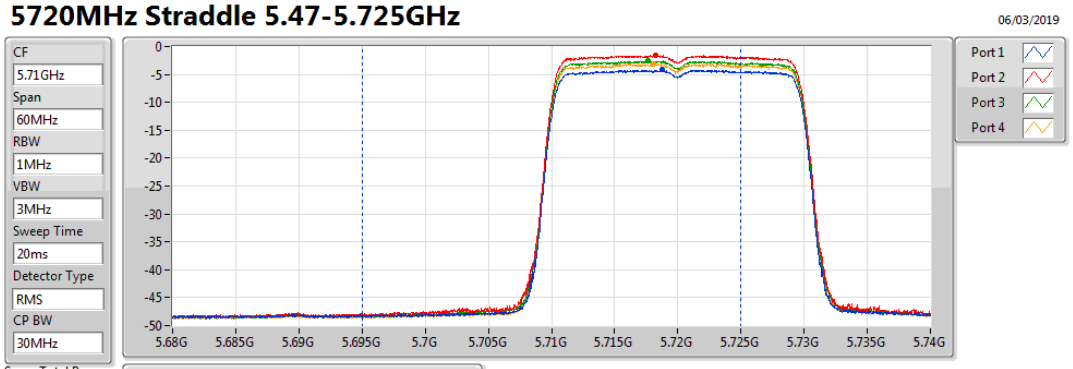
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	14.72	7.74	10.17	9.41	9.23	15.24	15.26	8.25
5300MHz	Pass	14.72	8.25	9.82	9.58	9.03	15.23	15.26	8.25
5320MHz	Pass	14.72	7.77	9.82	9.58	8.97	15.12	15.26	8
5500MHz	Pass	14.72	7.87	10.09	9.32	9.22	15.22	15.26	7.75
5580MHz	Pass	14.72	7.83	10.05	9.2	9.37	15.20	15.26	7.75
5700MHz	Pass	14.72	7.85	10.26	9.31	8.59	15.11	15.26	7.25
5720MHz Straddle 5.47-5.725GHz	Pass	14.72	6.74	9.36	8.33	7.8	14.18	14.24	7.25
5720MHz Straddle 5.725-5.85GHz	Pass	14.72	1.45	3.92	2.92	2.51	8.81	21.28	7.25
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	14.72	7.99	9.56	9.2	9.71	15.19	15.26	7.75
5310MHz	Pass	14.72	7.81	10.08	9.06	9.34	15.17	15.26	7.75
5510MHz	Pass	14.72	8.15	10.07	9.58	8.78	15.23	15.26	7.5
5550MHz	Pass	14.72	8.31	10.16	9.14	9.07	15.24	15.26	7.5
5670MHz	Pass	14.72	7.9	10.2	9.87	8.38	15.22	15.26	7
5710MHz Straddle 5.47-5.725GHz	Pass	14.72	8.24	10.19	9.47	8.57	15.21	15.26	7.25
5710MHz Straddle 5.725-5.85GHz	Pass	14.72	-1.39	0.28	-0.41	-1.1	5.41	21.28	7.25
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	14.72	8.42	9.22	8.94	9.51	15.06	15.26	7.75
5530MHz	Pass	14.72	7.85	9.81	9.18	9.05	15.05	15.26	7.5
5610MHz	Pass	14.72	7.97	9.95	9.01	9.12	15.09	15.26	7.25
5690MHz Straddle 5.47-5.725GHz	Pass	14.72	7.92	9.91	9.69	9.01	15.22	15.26	7
5690MHz Straddle 5.725-5.85GHz	Pass	14.72	-5.5	-3.95	-4.15	-4.44	1.55	21.28	7
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.72	7.99	8.49	8.59	9.01	14.56	21.28	10
5250MHz Straddle 5.25-5.35GHz	Pass	14.72	8.12	8.97	8.86	9.06	14.79	15.26	10
5570MHz	Pass	14.72	7.64	9.1	8.27	8.5	14.43	15.26	6.25

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

Note : Conducted setting = Pass conducted setting division 4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.47-5.725GHz

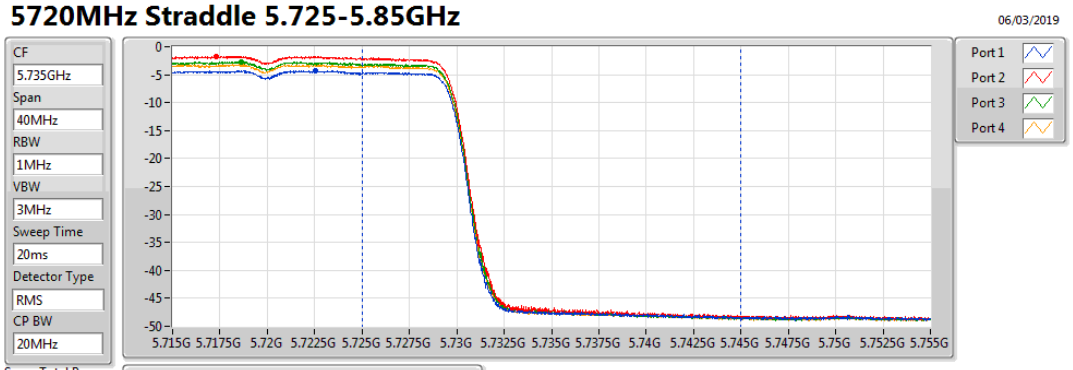


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.18	6.74	9.36	8.33	7.80

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.725-5.85GHz

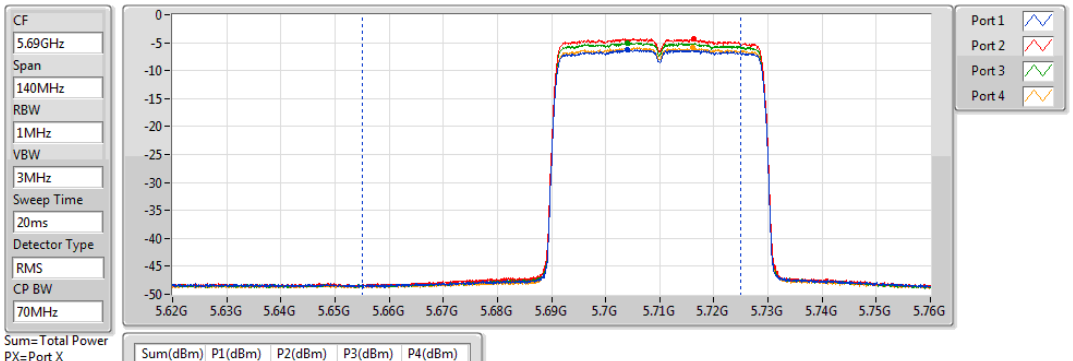


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
8.81	1.45	3.92	2.92	2.51

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.47-5.725GHz



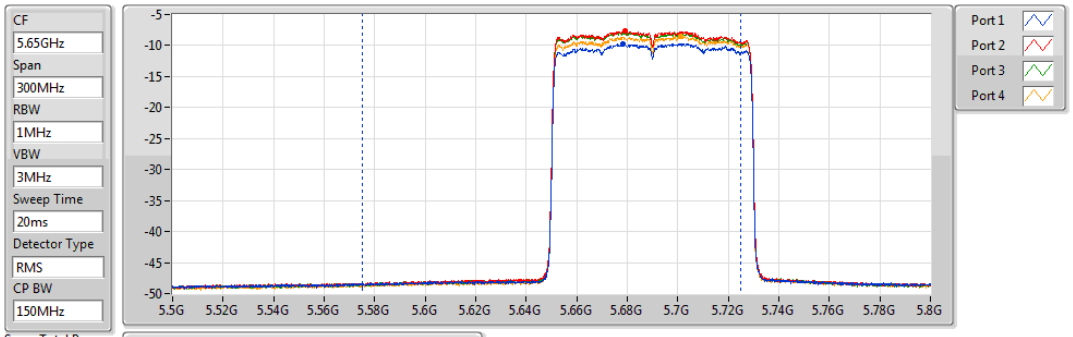
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
15.21	8.24	10.19	9.47	8.57

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.47-5.725GHz

05/03/2019

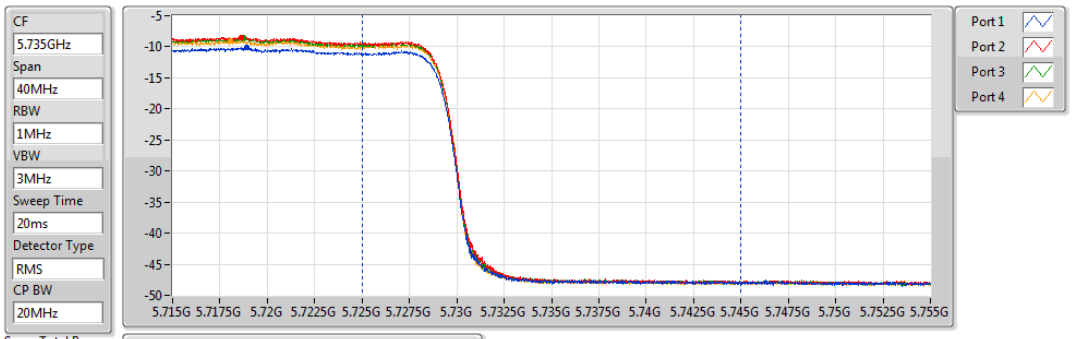


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
15.22	7.92	9.91	9.69	9.01

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **AV Power**

5690MHz Straddle 5.725-5.85GHz

05/03/2019

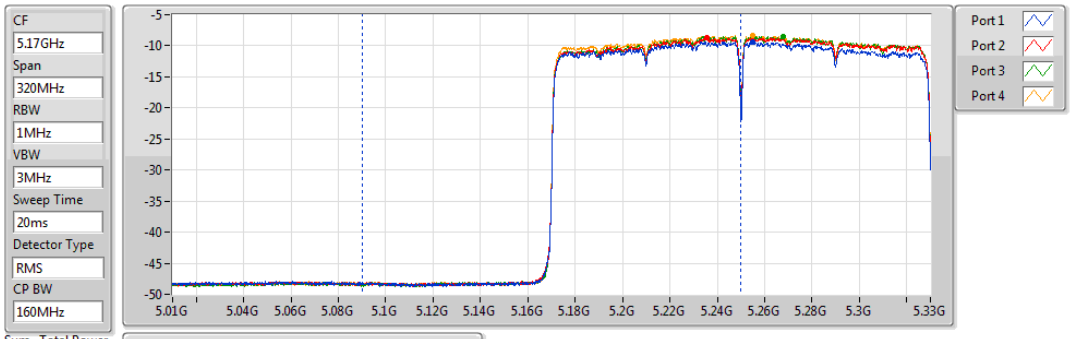


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
1.55	-5.50	-3.95	-4.15	-4.44

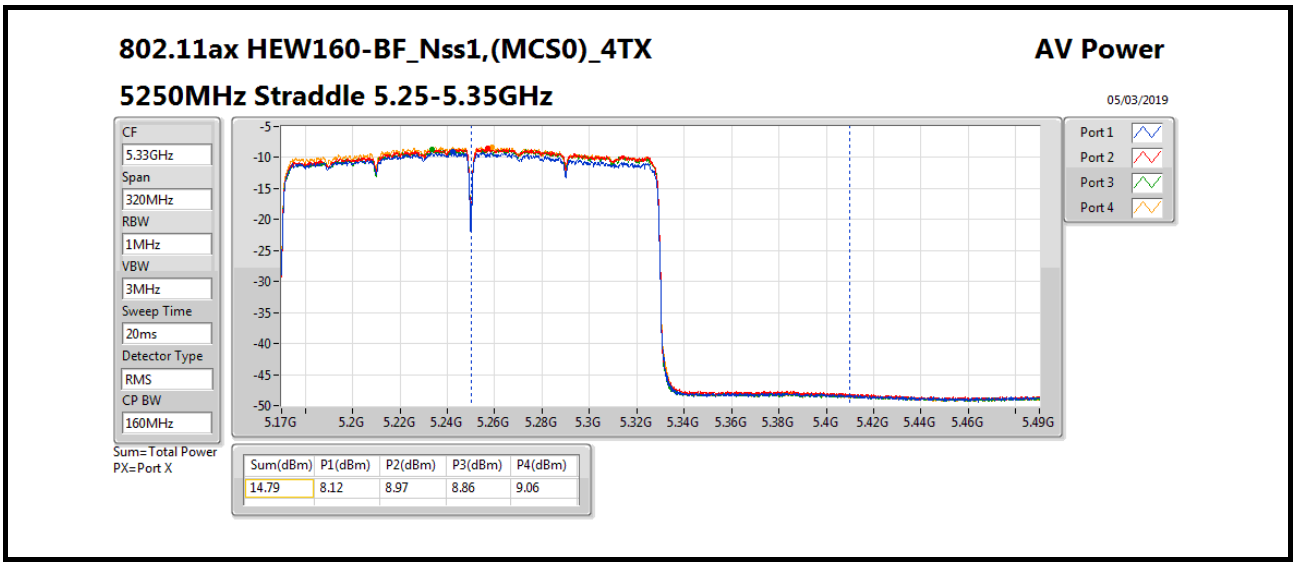
802.11ax HEW160-BF_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.15-5.25GHz

05/03/2019



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.56	7.99	8.49	8.59	9.01


802.11ax HEW160-BF_Nss1,(MCS0)_4TX
AV Power
5250MHz Straddle 5.25-5.35GHz
05/03/2019
CF
5.33GHz
Span
320MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
CP BW
160MHz
Sum=Total Power
PX=Port X
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
5.17G
5.2G
5.22G
5.24G
5.26G
5.28G
5.3G
5.32G
5.34G
5.36G
5.38G
5.4G
5.42G
5.44G
5.46G
5.49G
Port 1
Port 2
Port 3
Port 4
Sum(dBm) P1(dBm) P2(dBm) P3(dBm) P4(dBm)
14.79 8.12 8.97 8.86 9.06

For Non-beamforming / 4T4S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	13.86	0.02432
5.25-5.35GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	21.25	0.13335
802.11ax HEW40_Nss4,(MCS0)_4TX	21.26	0.13366
802.11ax HEW80_Nss4,(MCS0)_4TX	19.22	0.08356
802.11ax HEW160_Nss4,(MCS0)_4TX	14.12	0.02582
5.47-5.725GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	21.14	0.13002
802.11ax HEW40_Nss4,(MCS0)_4TX	21.26	0.13366
802.11ax HEW80_Nss4,(MCS0)_4TX	21.26	0.13366
802.11ax HEW160_Nss4,(MCS0)_4TX	16.58	0.04550
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	14.48	0.02805
802.11ax HEW40_Nss4,(MCS0)_4TX	10.84	0.01213
802.11ax HEW80_Nss4,(MCS0)_4TX	7.07	0.00509

Result

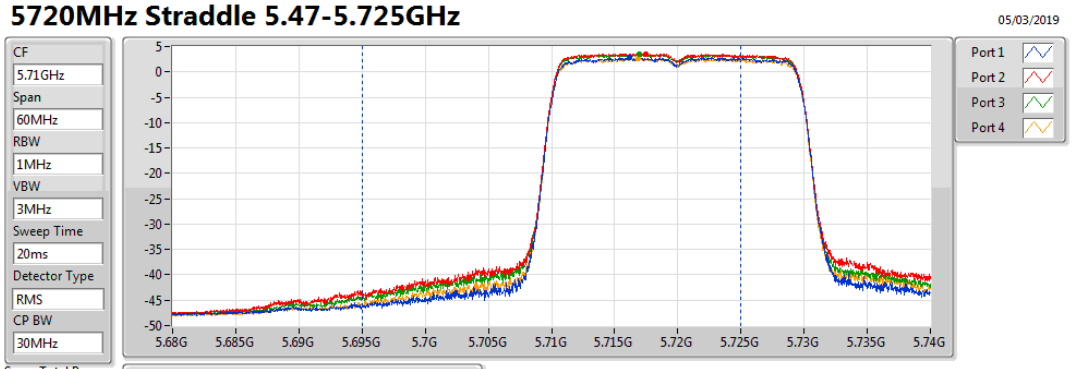
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.70	14.79	15.89	15.37	14.78	21.25	21.28	14
5300MHz	Pass	8.70	15.04	15.75	15.06	14.66	21.17	21.28	13.75
5320MHz	Pass	8.70	14.42	15.54	14.83	14.43	20.85	21.28	13.5
5500MHz	Pass	8.70	12.95	14.45	14.27	13.73	19.91	21.28	12.5
5580MHz	Pass	8.70	14.32	15.92	15.32	14.76	21.14	21.28	13.75
5700MHz	Pass	8.70	12.21	13.14	13.02	12.18	18.68	21.28	11
5720MHz Straddle 5.47-5.725GHz	Pass	8.70	13.64	14.48	14.33	13.48	20.02	20.23	13
5720MHz Straddle 5.725-5.85GHz	Pass	8.70	8.15	8.83	8.77	8.02	14.48	27.30	13
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.70	14.87	15.59	15.33	15.12	21.26	21.28	14
5310MHz	Pass	8.70	12.02	12.97	12.50	12.22	18.46	21.28	11.25
5510MHz	Pass	8.70	12.58	13.58	12.93	12.49	18.94	21.28	11.5
5550MHz	Pass	8.70	14.85	15.61	15.37	15.08	21.26	21.28	13.75
5670MHz	Pass	8.70	14.18	13.68	14.08	13.65	19.92	21.28	12.25
5710MHz Straddle 5.47-5.725GHz	Pass	8.70	15.24	14.81	15.64	15.03	21.21	21.28	13.25
5710MHz Straddle 5.725-5.85GHz	Pass	8.70	5.00	4.32	5.11	4.80	10.84	27.30	13.25
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.70	13.05	13.55	13.29	12.88	19.22	21.28	12
5530MHz	Pass	8.70	11.46	12.59	12.50	11.51	18.07	21.28	10.75
5610MHz	Pass	8.70	15.13	15.62	15.36	14.82	21.26	21.28	13.75
5690MHz Straddle 5.47-5.725GHz	Pass	8.70	15.16	15.37	15.29	14.68	21.15	21.28	13.25
5690MHz Straddle 5.725-5.85GHz	Pass	8.70	1.46	1.11	0.91	0.67	7.07	27.30	13.25
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70	8.01	7.83	7.96	7.55	13.86	27.30	9.75
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	7.91	8.33	8.44	7.66	14.12	21.28	9.75
5570MHz	Pass	8.70	9.95	10.98	10.71	10.54	16.58	21.28	9

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

Note : Conducted setting = Pass conducted setting division 4

802.11ax HEW20_Nss4,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.47-5.725GHz

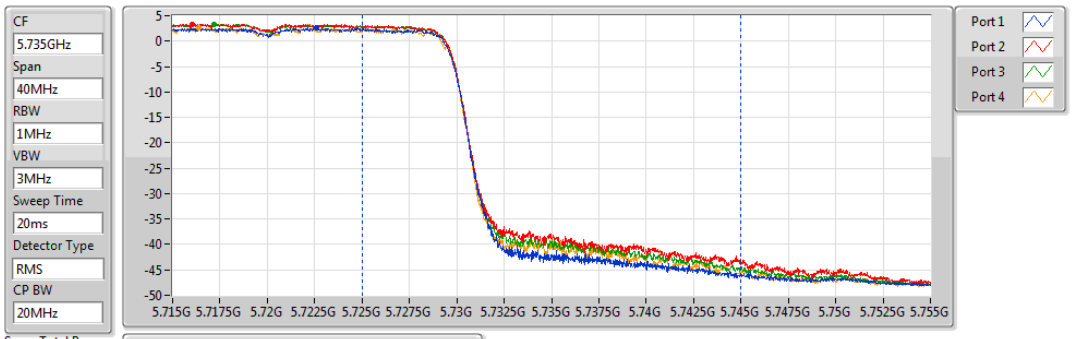


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.02	13.64	14.48	14.33	13.48

802.11ax HEW20_Nss4,(MCS0)_4TX **AV Power**

5720MHz Straddle 5.725-5.85GHz

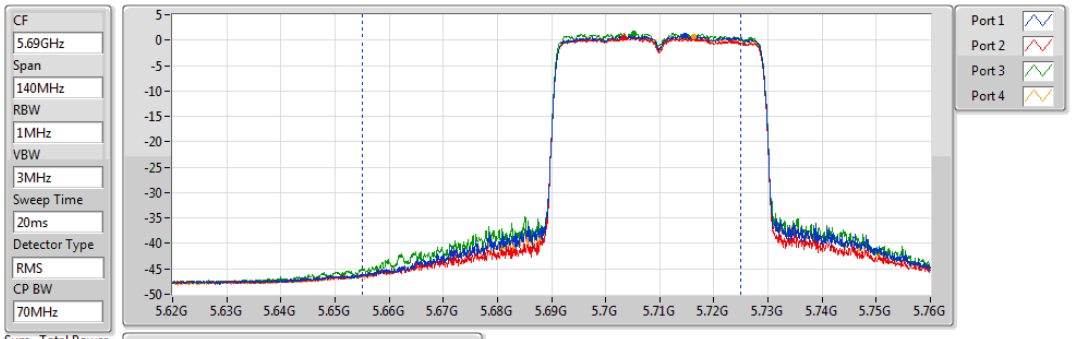


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.48	8.15	8.83	8.77	8.02

802.11ax HEW40_Nss4,(MCS0)_4TX **AV Power**

5710MHz Straddle 5.47-5.725GHz

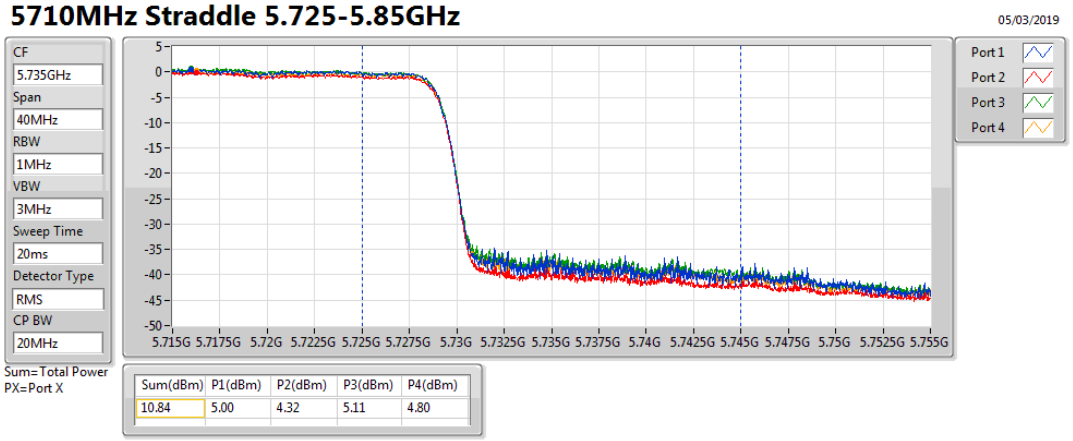


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.21	15.24	14.81	15.64	15.03

802.11ax HEW40_Nss4,(MCS0)_4TX **AV Power**

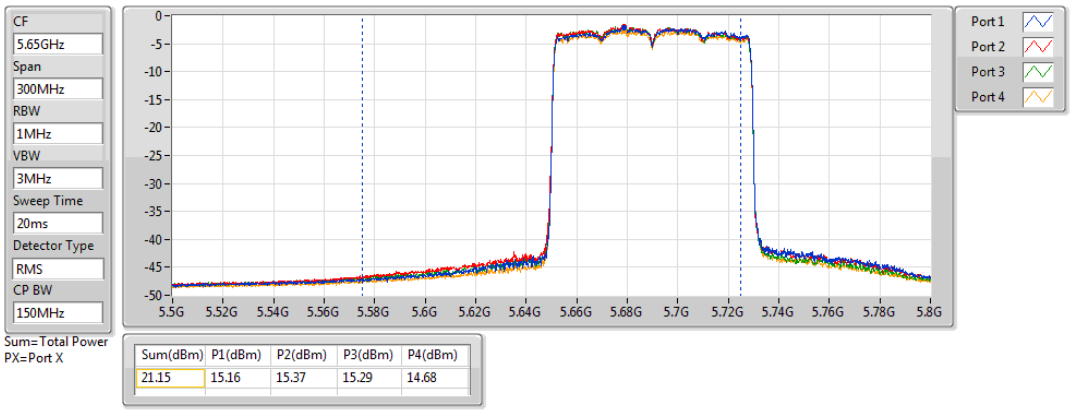
5710MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.84	5.00	4.32	5.11	4.80

802.11ax HEW80_Nss4,(MCS0)_4TX **AV Power**

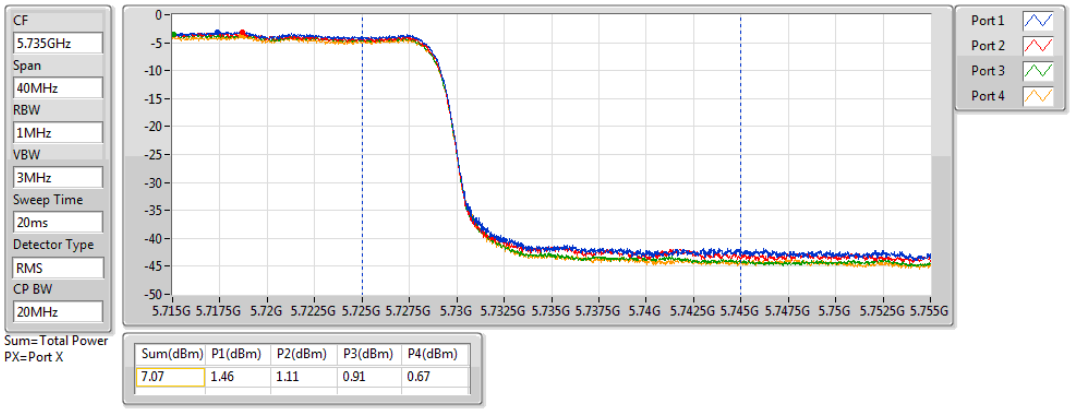
5690MHz Straddle 5.47-5.725GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.15	15.16	15.37	15.29	14.68

802.11ax HEW80_Nss4,(MCS0)_4TX **AV Power**

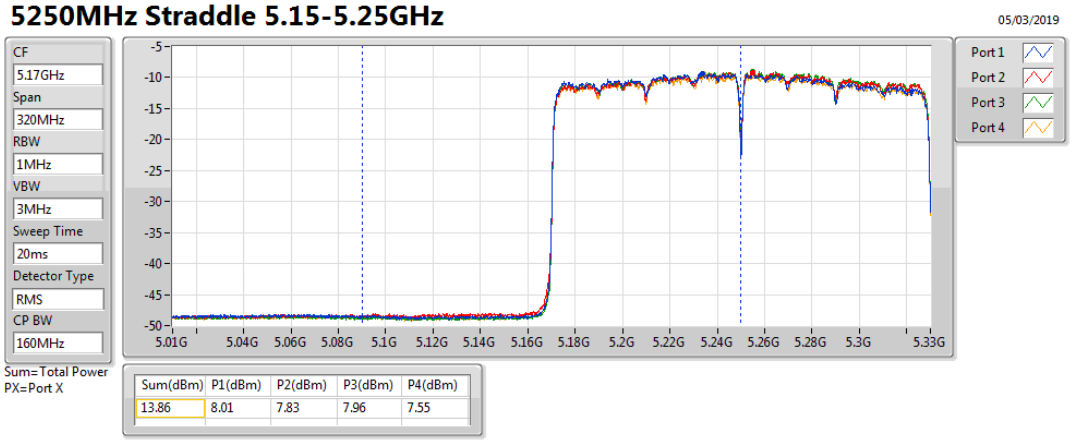
5690MHz Straddle 5.725-5.85GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.07	1.46	1.11	0.91	0.67

802.11ax HEW160_Nss4,(MCS0)_4TX **AV Power**

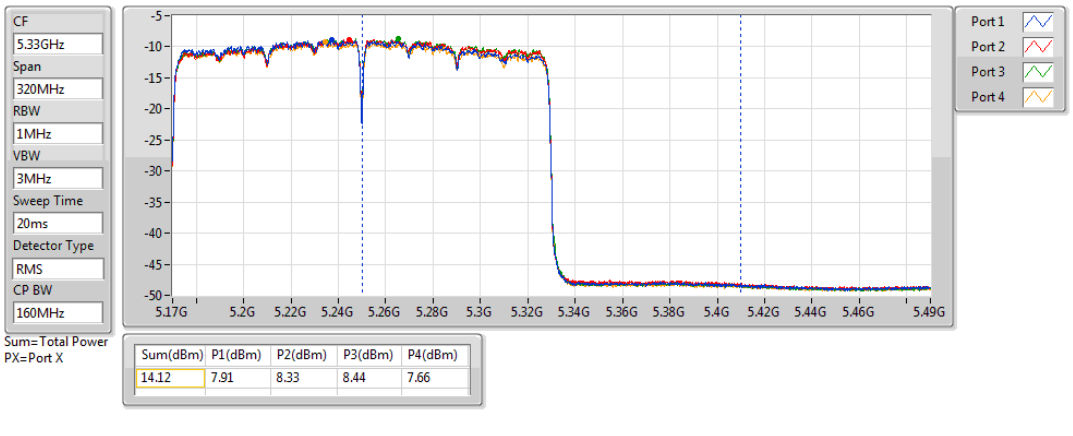
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.86	8.01	7.83	7.96	7.55

802.11ax HEW160_Nss4,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.12	7.91	8.33	8.44	7.66

For Outdoor use for 5G Band 1:
Mode 1: (Ant. 5 Panel antenna / 3 dBi)
For Non-beamforming / 1T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	11.22	0.01324	14.22/16.48	0.02642
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	10.71	0.01178	13.71	0.02350

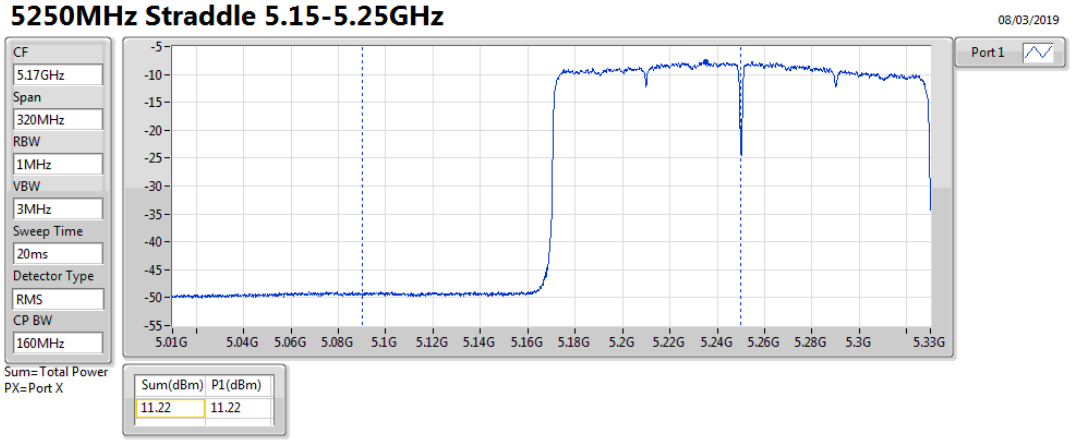
Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00/5.26	11.22	11.22	30.00	14.22/16.48	36.00/21.00	12.5
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	10.71	10.71	23.98	13.71	Inf	12.5

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix B.61 for Eevation angle higher than 30°.

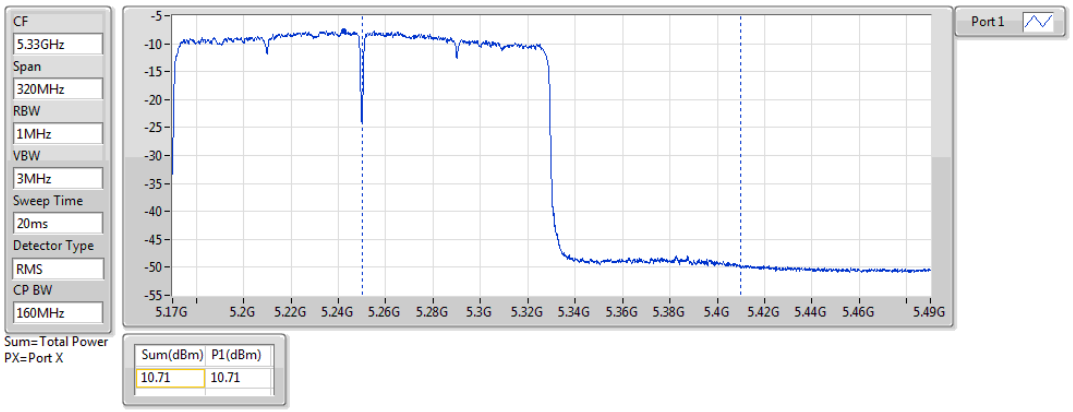
802.11ax HEW160_Nss1,(MCS0)_1TX **AV Power**

5250MHz Straddle 5.15-5.25GHz



802.11ax HEW160_Nss1,(MCS0)_1TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



For Non-beamforming / 2T2S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	11.78	0.01507	14.78/17.04	0.03006
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	11.83	0.01524	14.83	0.03041

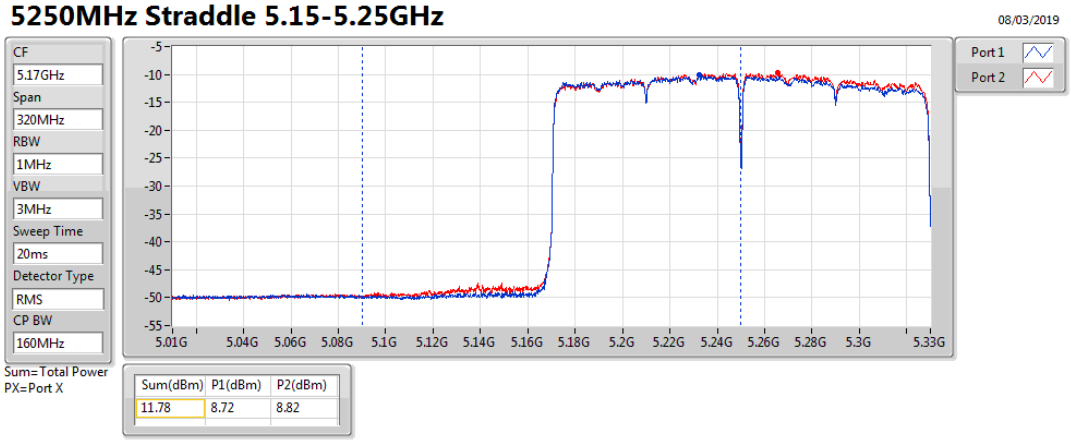
Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00/5.26	8.72	8.82	11.78	30.00	14.78/17.04	36.00/21.00	10.75
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	8.47	9.14	11.83	23.98	14.83	Inf	10.75

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix B.61 for Eevation angle higher than 30°.

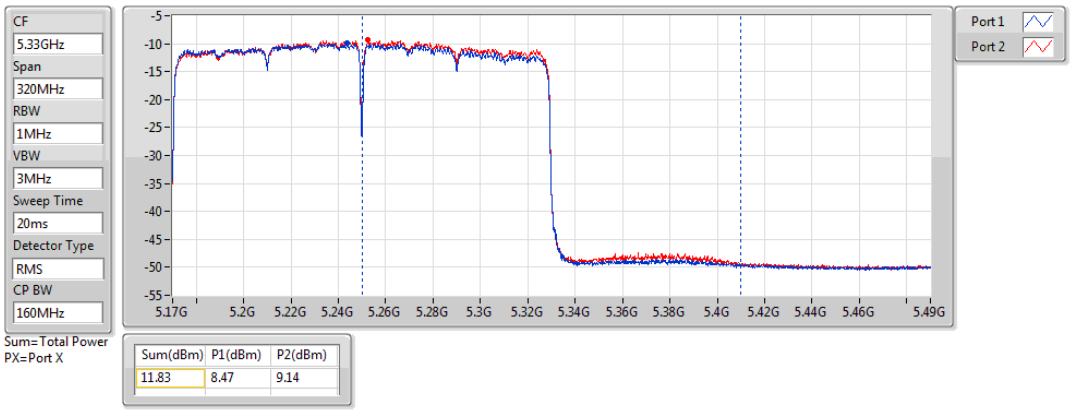
802.11ax HEW160_Nss2,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.15-5.25GHz



802.11ax HEW160_Nss2,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



For Non-beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	15.40	0.03467	18.40/20.66	0.06918
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	15.26	0.03357	18.26	0.06699

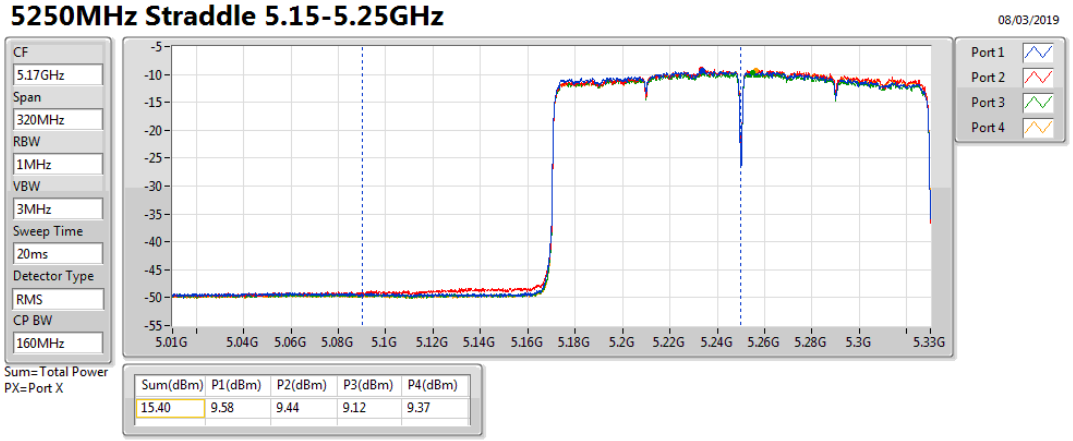
Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00/5.26	9.58	9.44	9.12	9.37	15.40	30.00	18.40/20.66	36.00/21.00	10.75
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	9.10	9.54	8.84	9.43	15.26	23.98	18.26	Inf	10.75

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix B.61 for Eevation angle higher than 30°.

802.11ax HEW160_Nss1,(MCS0)_4TX **AV Power**

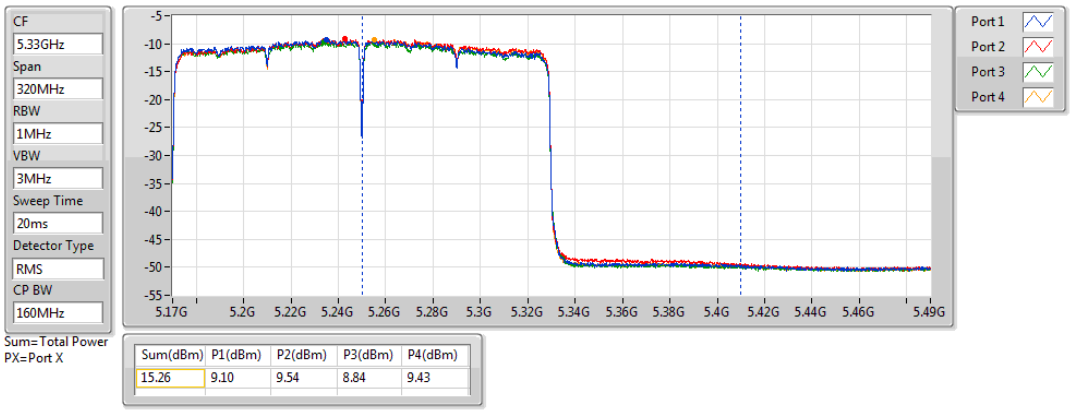
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
15.40	9.58	9.44	9.12	9.37

802.11ax HEW160_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
15.26	9.10	9.54	8.84	9.43

For Beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	9.62	0.00916	18.64/20.90	0.07311
5.25-5.35GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	9.66	0.00925	18.68	0.07379

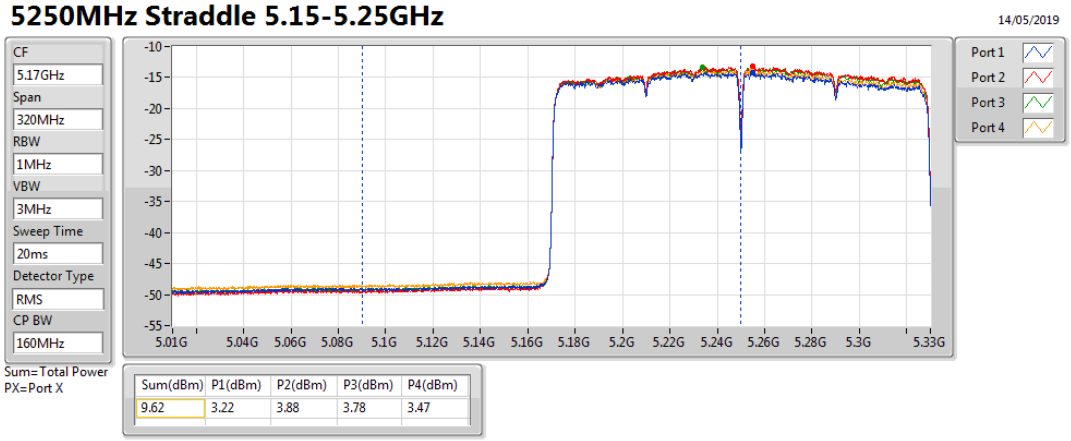
Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.02/11.28	3.22	3.88	3.78	3.47	9.62	26.98	18.64/20.90	36.00/21.00	5.5
5250MHz Straddle 5.25-5.35GHz	Pass	9.02	3.25	3.95	3.82	3.51	9.66	20.96	18.68	Inf	5.5

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix B.61 for Eevation angle higher than 30°.

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **AV Power**

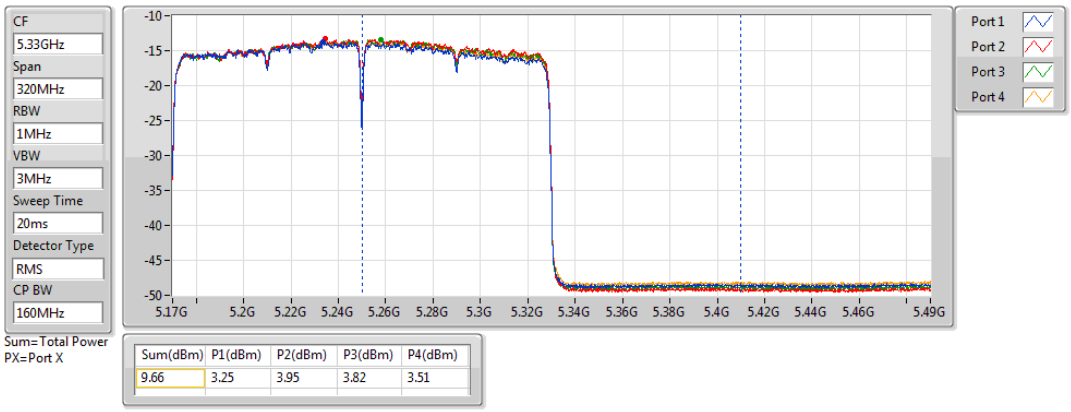
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.62	3.22	3.88	3.78	3.47

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.66	3.25	3.95	3.82	3.51

For Non-beamforming / 4T4S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	14.89	0.03083	17.89/20.15	0.06152
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	14.71	0.02958	17.71	0.05902

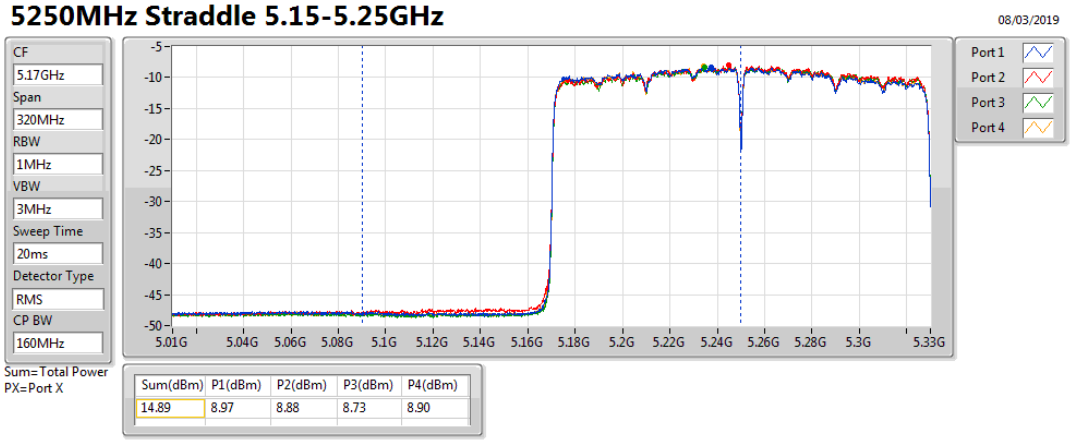
Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00/5.26	8.97	8.88	8.73	8.90	14.89	30.00	17.89/20.15	36.00/21.00	10.25
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	8.30	9.03	8.89	8.48	14.71	23.98	17.71	Inf	10.25

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix B.61 for Eevation angle higher than 30°.

802.11ax HEW160_Nss4,(MCS0)_4TX **AV Power**

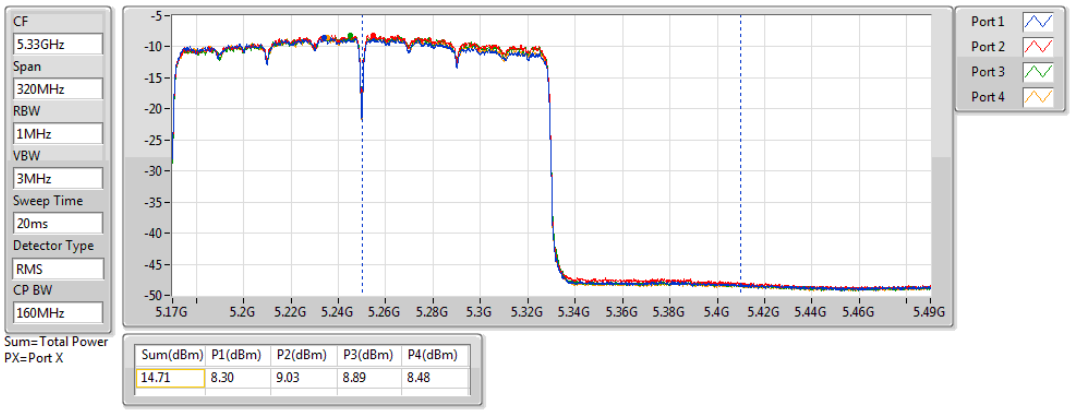
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.89	8.97	8.88	8.73	8.90

802.11ax HEW160_Nss4,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.71	8.30	9.03	8.89	8.48

Mode 2: (Ant. 6 Omni antenna / 6 dBi)
For Non-beamforming / 1T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	10.52	0.01127	16.52/4.47	0.04487
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	10.06	0.01014	16.06	0.04036

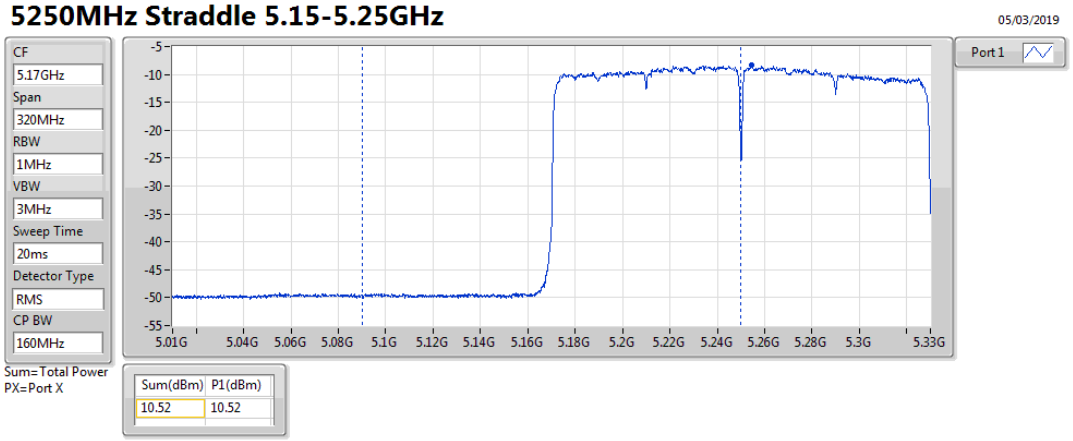
Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Limit (dBm)
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00/-6.05	10.52	10.52	30.00	16.52/4.47	36.00/21.00	12
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	10.06	10.06	23.98	16.06	Inf	12

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix B.62 for Eevation angle higher than 30°.

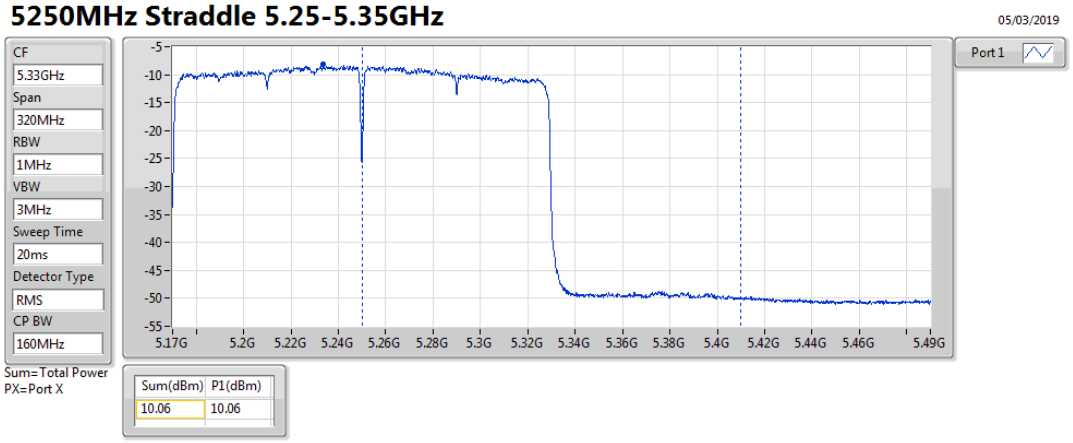
802.11ax HEW160_Nss1,(MCS0)_1TX **AV Power**

5250MHz Straddle 5.15-5.25GHz



802.11ax HEW160_Nss1,(MCS0)_1TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



For Non-beamforming / 2T2S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	11.59	0.01442	17.59/5.54	0.05741
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	11.47	0.01403	17.47	0.05585

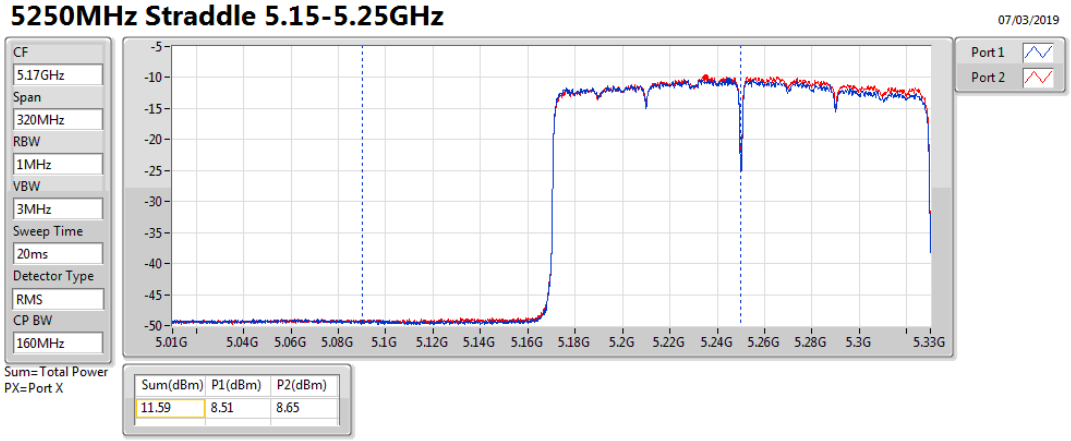
Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00/-6.05	8.51	8.65	11.59	30.00	17.59/5.54	36.00/21.00	10.5
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	8.08	8.80	11.47	23.98	17.47	Inf	10.5

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix B.62 for Eevation angle higher than 30°.

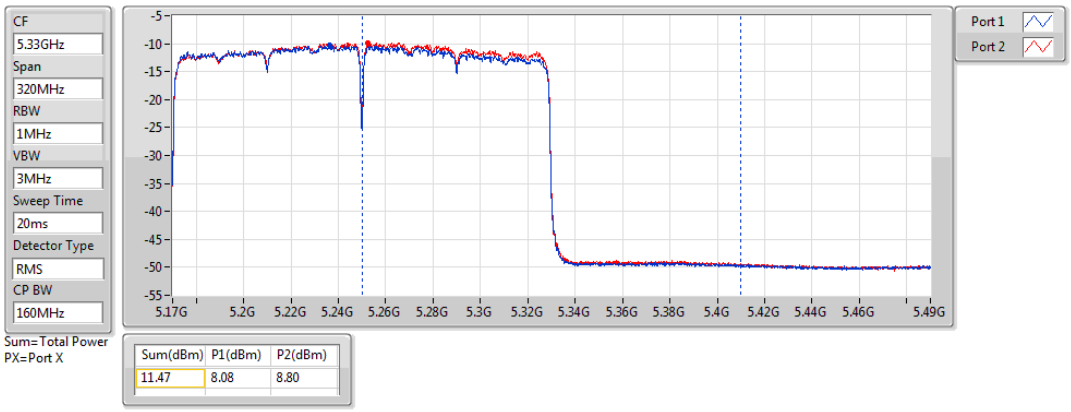
802.11ax HEW160_Nss2,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.15-5.25GHz



802.11ax HEW160_Nss2,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



For Non-beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	10.78	0.01197	16.78/4.73	0.04764
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	11.06	0.01276	17.06	0.05082

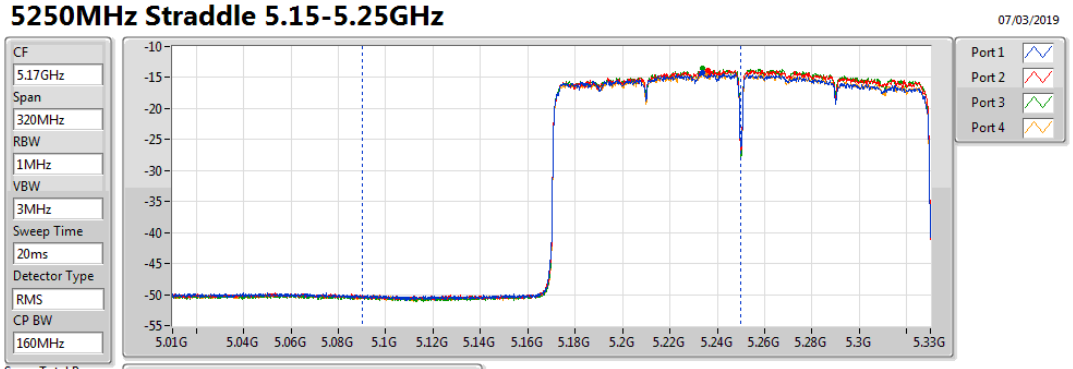
Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00/-6.05	4.58	4.91	5.03	4.48	10.78	30.00	16.78/4.73	36.00/21.00	6.5
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	4.62	5.40	5.53	4.50	11.06	23.98	17.06	Inf	6.5

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix B.62 for Eevation angle higher than 30°.

802.11ax HEW160_Nss1,(MCS0)_4TX **AV Power**

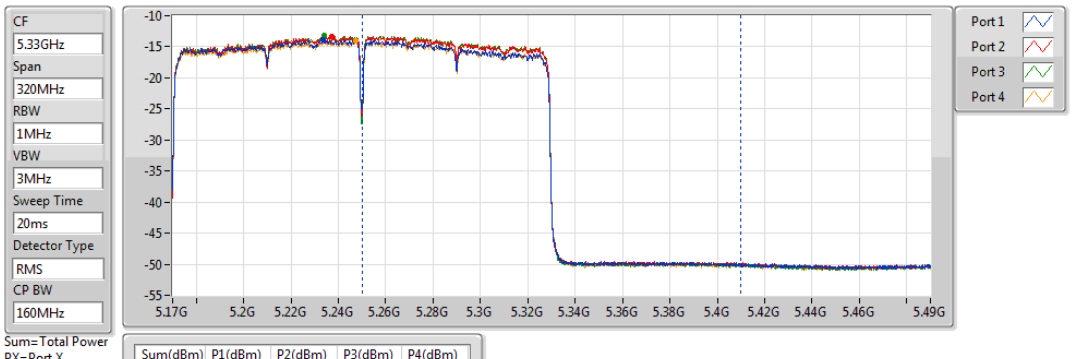
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.78	4.58	4.91	5.03	4.48

802.11ax HEW160_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.06	4.62	5.40	5.53	4.50

For Beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	13.96	0.02489	25.98/13.93	0.39628
5.25-5.35GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	14.11	0.02576	26.13	0.41020

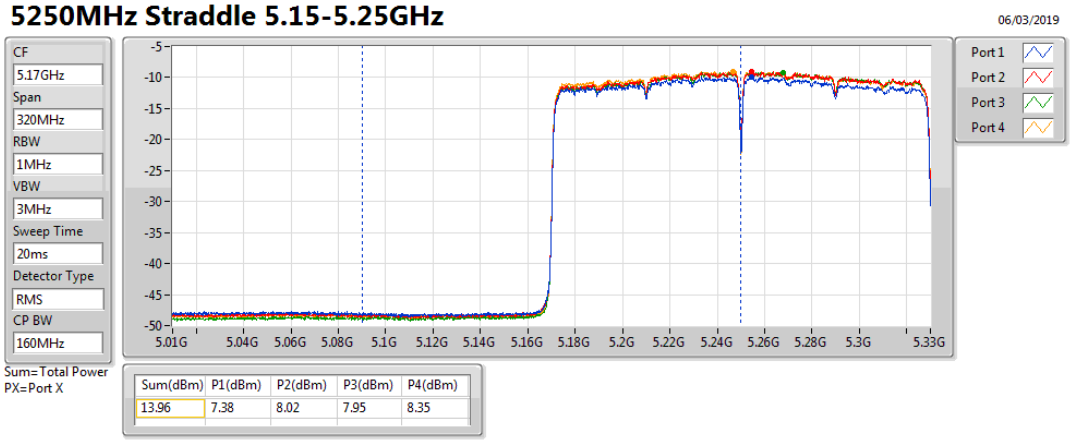
Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	12.02/-0.03	7.38	8.02	7.95	8.35	13.96	23.98	25.98/13.93	36.00/21.00	9.5
5250MHz Straddle 5.25-5.35GHz	Pass	12.02	7.40	8.35	8.25	8.28	14.11	17.96	26.13	Inf	9.5

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix B.62 for Eevation angle higher than 30°.

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **AV Power**

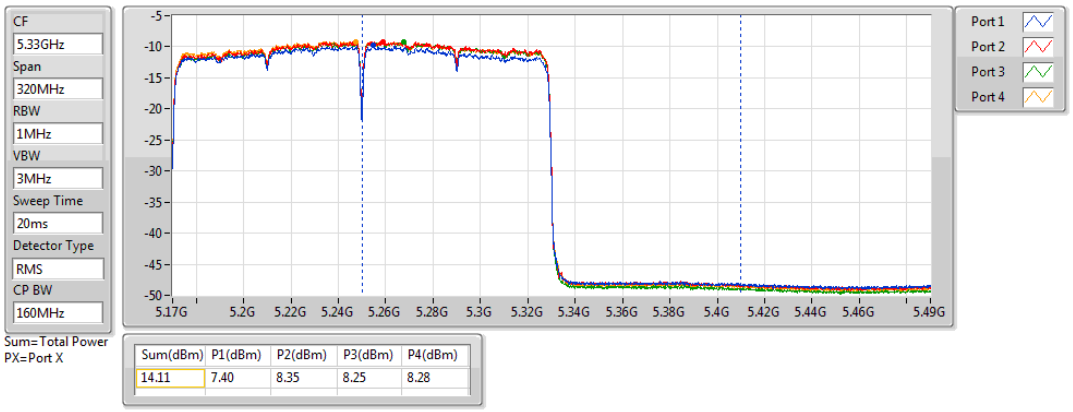
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.96	7.38	8.02	7.95	8.35

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.11	7.40	8.35	8.25	8.28

For Non-beamforming / 4T4S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	11.56	0.01432	17.56/5.51	0.05702
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	11.91	0.01552	17.91	0.06180

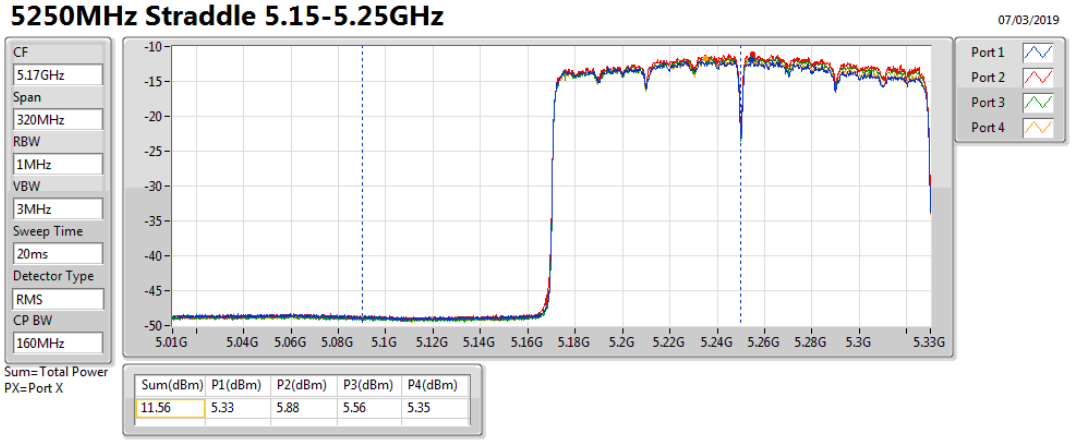
Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00/-6.05	5.33	5.88	5.56	5.35	11.56	30.00	17.56/5.51	36.00/21.00	7.5
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	5.42	6.51	5.95	5.58	11.91	23.98	17.91	Inf	7.5

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix B.62 for Eevation angle higher than 30°.

802.11ax HEW160_Nss4,(MCS0)_4TX **AV Power**

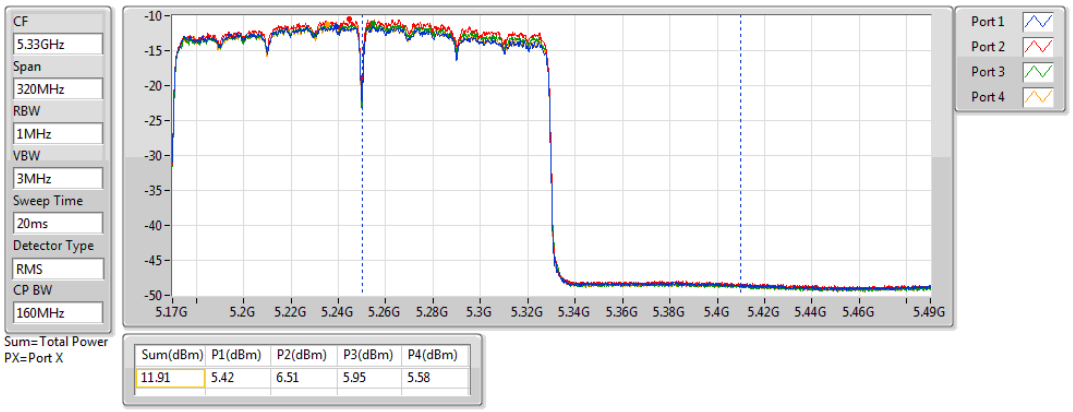
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.56	5.33	5.88	5.56	5.35

802.11ax HEW160_Nss4,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.91	5.42	6.51	5.95	5.58

Mode 3: (Ant. 11 Panel antenna / 8.7 dBi)
For Non-beamforming / 1T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	10.52	0.01127	19.22/18.42	0.08356
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	10.06	0.01014	18.76	0.07516

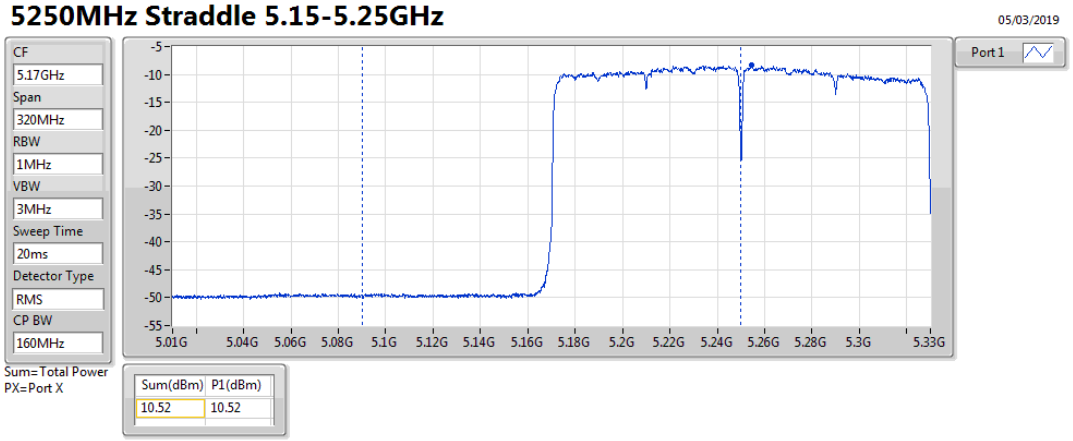
Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70/7.90	10.52	10.52	27.30	19.22/18.42	36.00/21.00	12
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	10.06	10.06	21.28	18.76	Inf	12

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix B.63 for Eevation angle higher than 30°.

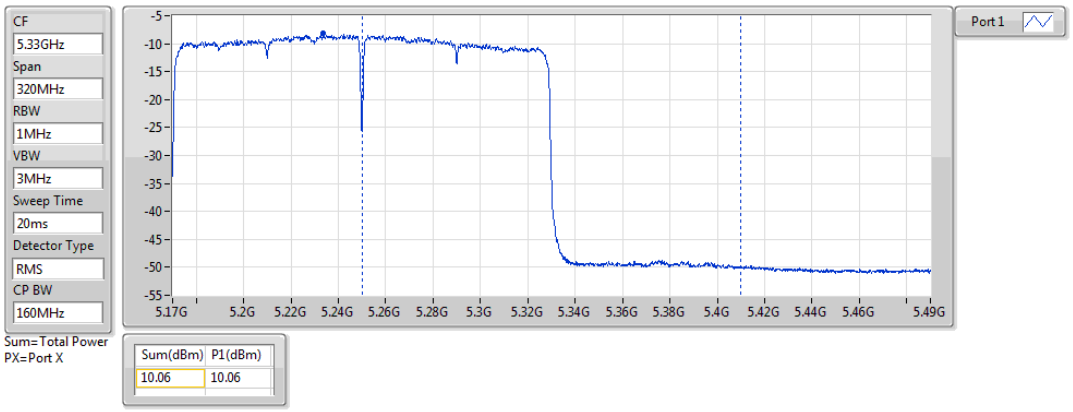
802.11ax HEW160_Nss1,(MCS0)_1TX **AV Power**

5250MHz Straddle 5.15-5.25GHz



802.11ax HEW160_Nss1,(MCS0)_1TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



For Non-beamforming / 2T2S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	12.16	0.01644	20.86/20.06	0.12190
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	12.58	0.01811	21.28	0.13428

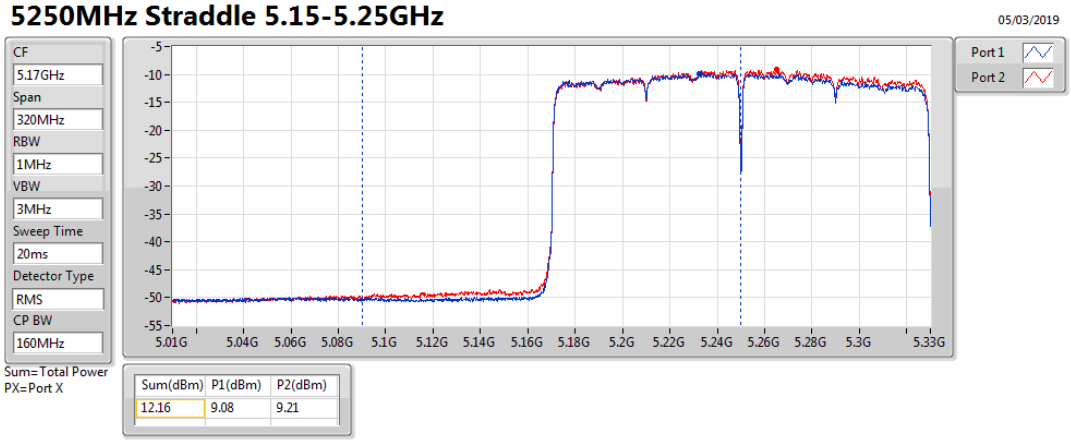
Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70/7.90	9.08	9.21	12.16	27.30	20.86/20.06	36.00/21.00	11.5
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	9.21	9.91	12.58	21.28	21.28	Inf	11.5

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix B.63 for Eevation angle higher than 30°.

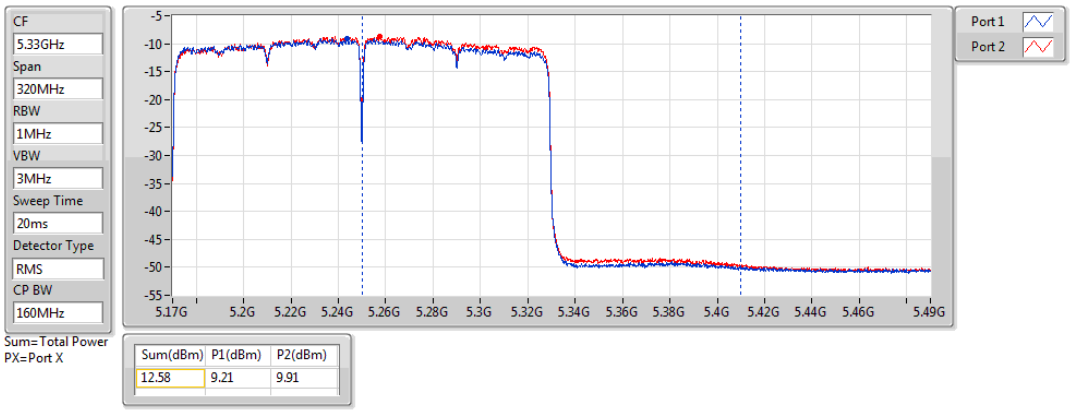
802.11ax HEW160_Nss2,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.15-5.25GHz



802.11ax HEW160_Nss2,(MCS0)_2TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



For Non-beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	12.92	0.01959	21.62/20.82	0.14521
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	12.89	0.01945	21.59	0.14421

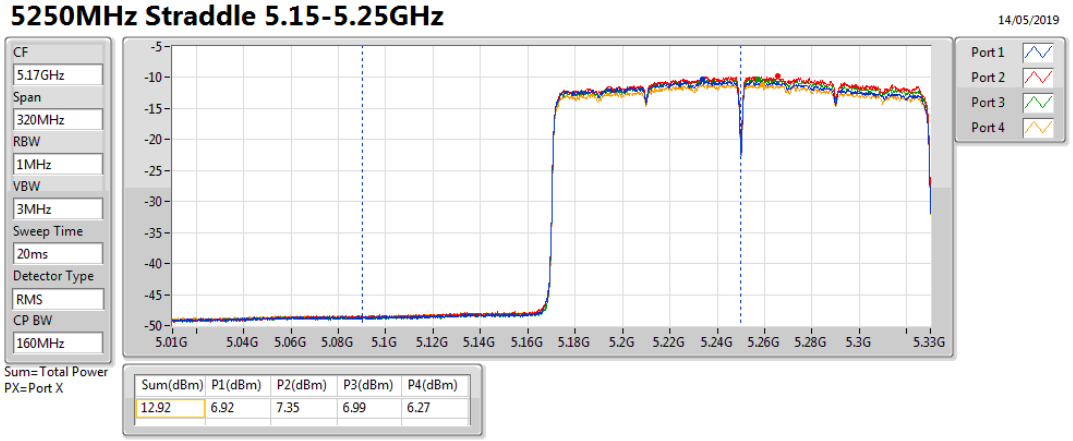
Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70/7.90	6.92	7.35	6.99	6.27	12.92	27.30	21.62/20.82	36.00/21.00	8.25
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	6.42	7.52	7.12	6.29	12.89	21.28	21.59	Inf	8.25

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix B.63 for Eevation angle higher than 30°.

802.11ax HEW160_Nss1,(MCS0)_4TX **AV Power**

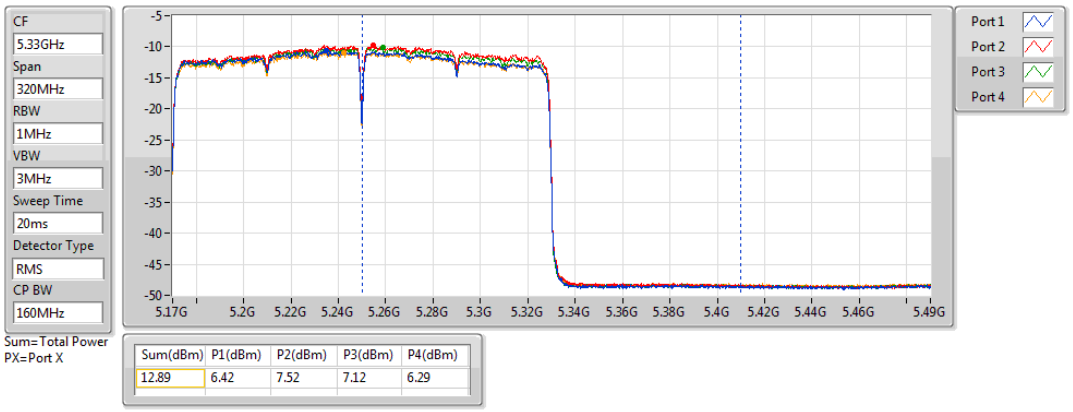
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.92	6.92	7.35	6.99	6.27

802.11ax HEW160_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.25-5.35GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.89	6.42	7.52	7.12	6.29

For Beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	6.92	0.00492	21.64/20.84	0.14588
5.25-5.35GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	6.57	0.00454	21.29	0.13459

Result

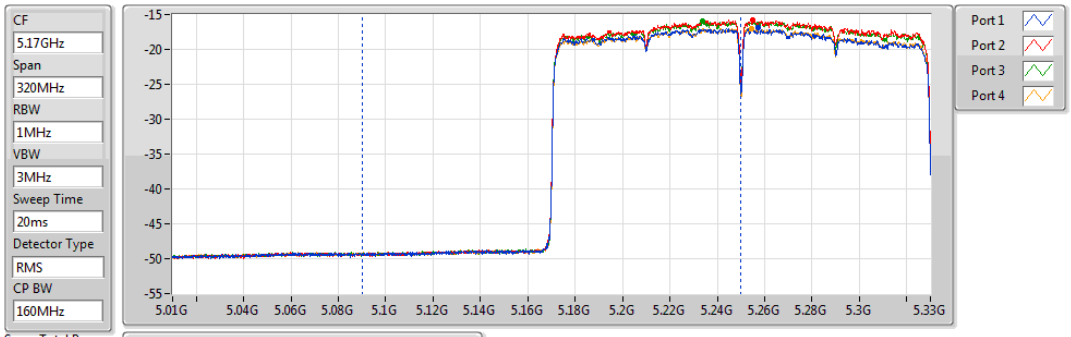
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.72/13.92	0.49	1.39	1.23	0.42	6.92	21.28	21.64/20.84	36.00/21.00	3
5250MHz Straddle 5.25-5.35GHz	Pass	14.72	-0.17	1.20	1.02	-0.02	6.57	15.26	21.29	Inf	3

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix B.63 for Eevation angle higher than 30°.

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.15-5.25GHz

14/05/2019



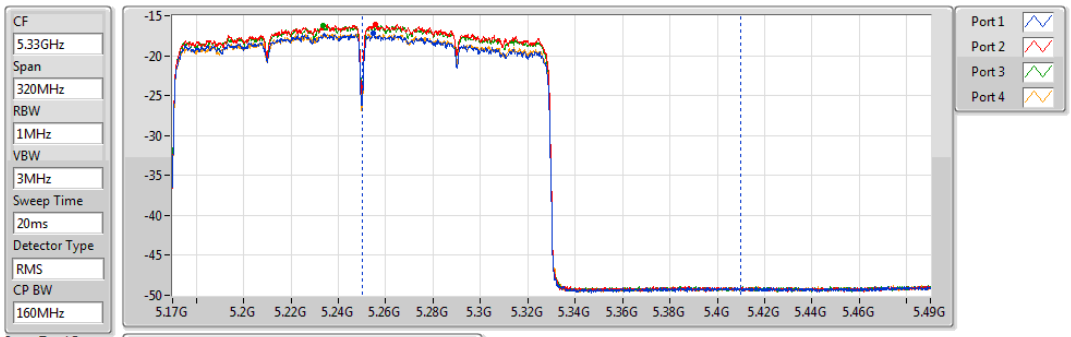
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
6.92	0.49	1.39	1.23	0.42

802.11ax HEW160-BF_Nss1,(MCS0)_4TX **AV Power**

5250MHz Straddle 5.25-5.35GHz

14/05/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
6.57	-0.17	1.20	1.02	-0.02

For Non-beamforming / 4T4S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	12.97	0.01982	21.67/20.87	0.14689
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	12.92	0.01959	21.62	0.14521

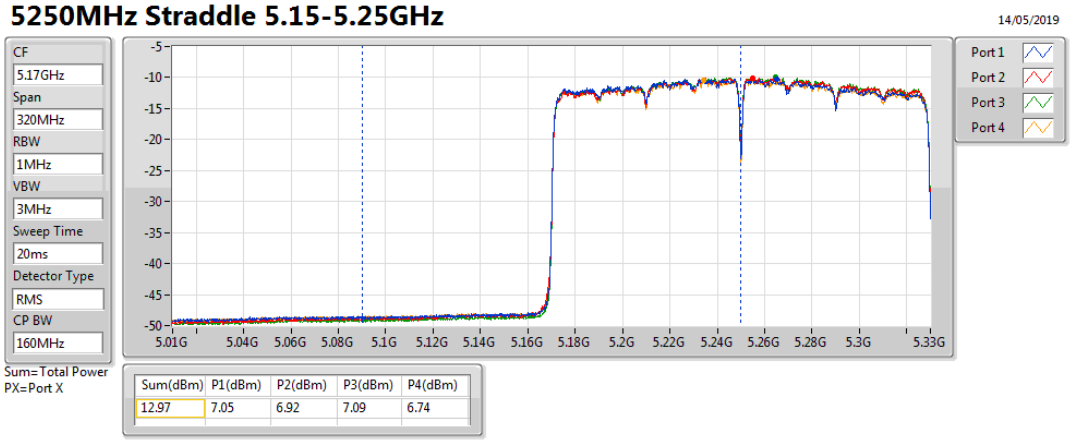
Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70/7.90	7.05	6.92	7.09	6.74	12.97	27.30	21.67/20.87	36.00/21.00	9
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	6.65	7.21	7.16	6.52	12.92	21.28	21.62	Inf	9

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix B.63 for Eevation angle higher than 30°.

802.11ax HEW160_Nss4,(MCS0)_4TX **AV Power**

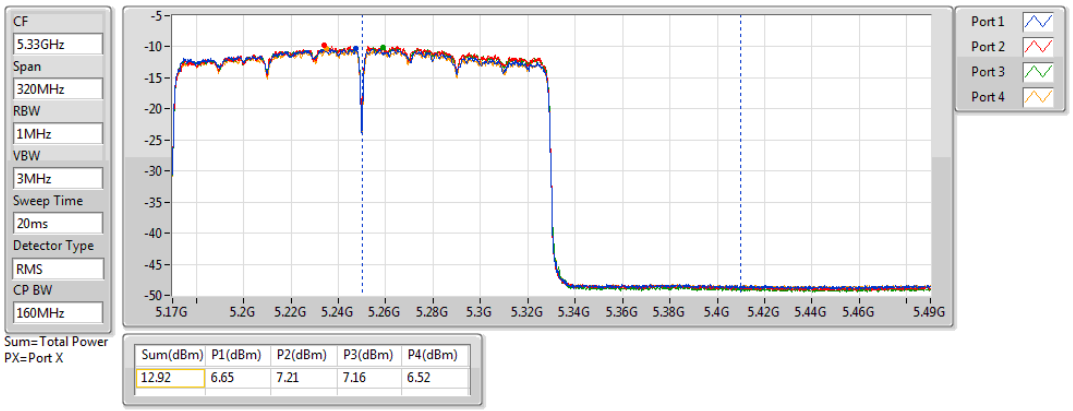
5250MHz Straddle 5.15-5.25GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.97	7.05	6.92	7.09	6.74

802.11ax HEW160_Nss4,(MCS0)_4TX **AV Power**

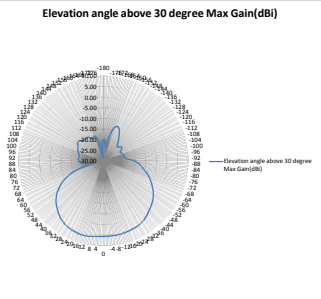
5250MHz Straddle 5.25-5.35GHz



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.92	6.65	7.21	7.16	6.52

Elevation angle above 30 degree Max Gain

Elevation angle above 30 degree Max Gain(dBi)		5.26
Freq. (MHz)	5150	Elevation Angle Define
H-Plan angle(Degree)	Gain(dBm)	
-180	-20.23	
-179	-20.07	
-178	-20.04	
-177	-20.20	
-176	-20.52	
-175	-21.03	
-174	-21.72	
-173	-22.56	
-172	-23.35	
-171	-23.70	
-170	-23.20	
-169	-21.91	
-168	-20.27	
-167	-18.65	
-166	-17.21	
-165	-15.98	
-164	-14.96	
-163	-14.14	
-162	-13.51	
-161	-13.04	
-160	-12.71	
-159	-12.51	
-158	-12.44	
-157	-12.48	
-156	-12.61	
-155	-12.84	
-154	-13.14	
-153	-13.52	
-152	-13.95	
-151	-14.44	
-150	-14.96	
-149	-15.50	
-148	-16.05	
-147	-16.58	
-146	-17.09	
-145	-17.58	
-144	-18.03	
-143	-18.45	
-142	-18.85	
-141	-19.24	
-140	-19.62	
-139	-19.98	
-138	-20.30	
-137	-20.56	
-136	-20.73	
-135	-20.78	
-134	-20.70	
-133	-20.51	
-132	-20.23	
-131	-19.93	
-130	-19.64	
-129	-19.40	
-128	-19.23	
-127	-19.15	
-126	-19.17	
-125	-19.30	
-124	-19.51	
-123	-19.80	
-122	-20.13	
-121	-20.47	
-120	-20.77	
-119	-20.98	
-118	-21.09	
-117	-21.10	
-116	-21.03	
-115	-20.91	
-114	-20.77	
-113	-20.63	
-112	-20.50	
-111	-20.38	
-110	-20.27	
-109	-20.17	
-108	-20.08	
-107	-20.01	
-106	-19.96	
-105	-19.95	
-104	-19.97	
-103	-20.03	
-102	-20.09	
-101	-20.14	
-100	-20.13	
-99	-20.03	
-98	-19.81	Above 30 degree
-97	-19.46	
-96	-18.99	
-95	-18.45	
-94	-17.84	
-93	-17.22	
-92	-16.59	
-91	-15.97	
-90	-15.38	
-89	-14.82	
-88	-14.29	
-87	-13.81	
-86	-13.37	
-85	-12.96	
-84	-12.58	
-83	-12.23	
-82	-11.88	
-81	-11.53	
-80	-11.18	
-79	-10.80	
-78	-10.41	
-77	-10.00	
-76	-9.57	
-75	-9.13	
-74	-8.69	
-73	-8.24	
-72	-7.81	
-71	-7.38	
-70	-6.97	
-69	-6.56	
-68	-6.16	
-67	-5.77	
-66	-5.39	
-65	-5.00	
-64	-4.62	
-63	-4.24	
-62	-3.86	
-61	-3.48	
-60	-3.10	
-59	-2.73	
-58	-2.36	
-57	-2.00	
-56	-1.65	
-55	-1.32	
-54	-1.01	
-53	-0.72	
-52	-0.44	
-51	-0.19	
-50	0.07	
-49	0.30	
-48	0.53	
-47	0.75	
-46	0.97	
-45	1.20	
-44	1.43	
-43	1.66	
-42	1.91	
-41	2.15	
-40	2.40	
-39	2.65	
-38	2.90	
-37	3.13	
-36	3.36	
-35	3.58	
-34	3.78	
-33	3.96	
-32	4.13	
-31	4.27	
-30	4.40	
-29	4.50	
-28	4.59	
-27	4.67	
-26	4.74	
-25	4.80	
-24	4.85	
-23	4.90	
-22	4.95	
-21	5.00	
-20	5.05	
-19	5.10	
-18	5.15	
-17	5.21	
-16	5.26	
-15	5.31	
-14	5.36	
-13	5.40	
-12	5.44	
-11	5.47	
-10	5.49	
-9	5.50	
-8	5.51	
-7	5.51	
-6	5.51	
-5	5.51	
-4	5.51	
-3	5.51	
-2	5.53	

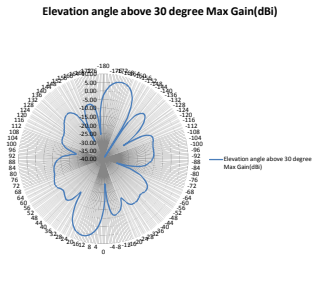


Elevation angle above 30 degree Max Gain

-1	5.54	0° ~ 30°
0	5.56	
1	5.56	
2	5.60	
3	5.64	
4	5.69	
5	5.75	
6	5.81	
7	5.87	
8	5.94	
9	6.00	
10	6.05	
11	6.11	
12	6.15	
13	6.18	
14	6.20	
15	6.21	0° reference angle
16	6.21	
17	6.19	
18	6.17	
19	6.13	
20	6.09	
21	6.03	
22	5.96	
23	5.88	
24	5.80	
25	5.70	
26	5.60	
27	5.49	
28	5.36	
29	5.22	
30	5.07	0° ~ 30°
31	4.90	
32	4.72	
33	4.53	
34	4.31	
35	4.08	
36	3.84	
37	3.58	
38	3.31	
39	3.02	
40	2.72	
41	2.41	
42	2.08	
43	1.76	
44	1.42	
45	1.06	
46	0.70	
47	0.33	
48	-0.05	
49	-0.45	
50	-0.86	
51	-1.30	
52	-1.75	
53	-2.23	
54	-2.73	
55	-3.26	
56	-3.81	
57	-4.39	
58	-5.00	
59	-5.64	
60	-6.30	
61	-6.99	
62	-7.70	
63	-8.44	
64	-9.21	
65	-10.02	
66	-10.87	
67	-11.76	
68	-12.73	
69	-13.77	
70	-14.91	
71	-16.17	
72	-17.58	
73	-19.15	
74	-20.87	
75	-22.64	
76	-24.20	
77	-25.07	
78	-24.95	
79	-24.10	
80	-23.01	
81	-21.98	
82	-21.10	
83	-20.38	
84	-19.81	
85	-19.38	
86	-19.05	
87	-18.80	
88	-18.62	
89	-18.49	
90	-18.39	
91	-18.31	
92	-18.25	
93	-18.21	
94	-18.18	
95	-18.17	
96	-18.17	
97	-18.19	
98	-18.23	
99	-18.27	
100	-18.32	
101	-18.35	
102	-18.35	
103	-18.32	
104	-18.24	
105	-18.12	
106	-17.96	
107	-17.76	
108	-17.56	
109	-17.35	
110	-17.17	
111	-17.02	
112	-16.90	Above 30 degree
113	-16.81	
114	-16.76	
115	-16.72	
116	-16.69	
117	-16.63	
118	-16.53	
119	-16.38	
120	-16.20	
121	-15.97	
122	-15.73	
123	-15.48	
124	-15.27	
125	-15.10	
126	-14.99	
127	-14.95	
128	-14.97	
129	-15.06	
130	-15.21	
131	-15.41	
132	-15.65	
133	-15.90	
134	-16.15	
135	-16.37	
136	-16.55	
137	-16.67	
138	-16.72	
139	-16.72	
140	-16.68	
141	-16.60	
142	-16.52	
143	-16.46	
144	-16.43	
145	-16.45	
146	-16.53	
147	-16.67	
148	-16.87	
149	-17.13	
150	-17.41	
151	-17.69	
152	-17.93	
153	-18.10	
154	-18.15	
155	-18.09	
156	-17.96	
157	-17.77	
158	-17.59	
159	-17.45	
160	-17.40	
161	-17.48	
162	-17.72	
163	-18.14	
164	-18.77	
165	-19.64	
166	-20.79	
167	-22.27	
168	-24.10	
169	-26.20	
170	-28.09	
171	-28.63	
172	-27.50	
173	-25.79	
174	-24.23	
175	-22.99	
176	-22.06	
177	-21.35	
178	-20.85	
179	-20.48	

Elevation angle above 30 degree Max Gain

Elevation angle above 30 degree Max Gain(dBi)		-6.05
Freq. (MHz)	5150	Elevation Angle Define
H-Plan angle(Degree)	Gain(dBm)	
-180	-2.43	
-179	-1.03	
-178	0.19	
-177	1.30	
-176	2.24	
-175	3.14	
-174	3.89	
-173	4.51	0° ~ 30°
-172	5.01	
-171	5.44	
-170	5.78	
-169	6.00	
-168	6.15	
-167	6.23	
-166	6.26	
-165	6.18	0° reference angle
-164	6.06	
-163	5.85	
-162	5.59	
-161	5.18	
-160	4.70	
-159	4.14	
-158	3.33	
-157	2.47	
-156	1.31	
-155	0.03	
-154	-1.44	
-153	-3.38	
-152	-5.48	
-151	-8.49	
-150	-12.00	0° ~ 30°
-149	-18.76	
-148	-38.57	
-147	-19.60	
-146	-14.03	
-145	-11.06	
-144	-8.89	
-143	-7.37	
-142	-6.33	
-141	-5.51	
-140	-4.94	
-139	-4.51	
-138	-4.39	
-137	-4.49	
-136	-4.84	
-135	-5.39	
-134	-6.18	
-133	-7.14	
-132	-8.22	
-131	-9.49	
-130	-10.93	
-129	-12.21	
-128	-13.93	
-127	-16.14	
-126	-18.83	
-125	-22.68	
-124	-25.67	
-123	-22.07	
-122	-17.83	
-121	-14.74	
-120	-12.74	
-119	-11.23	
-118	-10.11	
-117	-9.37	
-116	-8.88	
-115	-8.47	
-114	-8.45	
-113	-8.41	
-112	-8.50	
-111	-8.60	
-110	-8.84	
-109	-9.10	
-108	-9.24	
-107	-9.44	
-106	-9.75	
-105	-9.76	
-104	-9.91	
-103	-9.97	
-102	-10.07	
-101	-10.16	
-100	-10.06	
-99	-10.06	
-98	-10.08	
-97	-10.10	
-96	-10.11	
-95	-10.36	
-94	-10.26	
-93	-10.34	
-92	-10.55	
-91	-10.83	
-90	-11.17	
-89	-11.44	
-88	-11.61	
-87	-11.97	
-86	-12.58	
-85	-13.26	
-84	-13.61	
-83	-14.12	
-82	-14.78	
-81	-15.34	
-80	-16.39	
-79	-17.47	
-78	-18.61	
-77	-20.60	
-76	-22.41	
-75	-24.83	Above 30 degree
-74	-27.63	
-73	-31.79	
-72	-30.40	
-71	-26.51	
-70	-23.46	
-69	-21.29	
-68	-19.03	
-67	-17.28	
-66	-15.79	
-65	-14.62	
-64	-13.54	
-63	-12.67	
-62	-11.90	
-61	-11.19	
-60	-10.37	
-59	-9.88	
-58	-9.43	
-57	-9.22	
-56	-8.92	
-55	-8.90	
-54	-8.82	
-53	-8.84	
-52	-8.99	
-51	-9.05	
-50	-9.33	
-49	-9.50	
-48	-9.74	
-47	-9.77	
-46	-9.86	
-45	-9.66	
-44	-9.40	
-43	-9.22	
-42	-9.00	
-41	-8.78	
-40	-8.58	
-39	-8.44	
-38	-8.36	
-37	-8.36	
-36	-8.28	
-35	-8.36	
-34	-8.39	
-33	-8.44	
-32	-8.57	
-31	-8.85	
-30	-9.31	
-29	-9.94	
-28	-10.83	
-27	-12.09	
-26	-13.46	
-25	-14.71	
-24	-14.64	
-23	-13.53	
-22	-12.08	
-21	-10.74	
-20	-9.71	
-19	-8.96	
-18	-8.23	
-17	-7.82	
-16	-7.46	
-15	-7.15	
-14	-6.77	
-13	-6.43	
-12	-6.23	
-11	-6.16	
-10	-6.50	
-9	-7.22	
-8	-8.17	
-7	-8.96	
-6	-12.56	
-5	-16.32	
-4	-24.42	
-3	-25.39	
-2	-17.14	

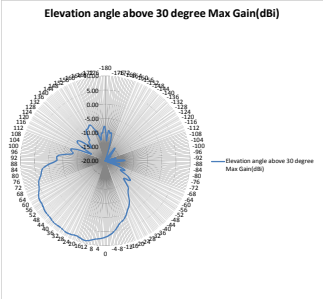


Elevation angle above 30 degree Max Gain

-1	-12.73	0° ~ 30°
0	-9.67	
1	-6.82	
2	-4.65	
3	-2.67	
4	-0.96	
5	0.64	
6	1.86	
7	2.93	
8	3.80	
9	4.58	
10	5.22	
11	5.65	
12	6.04	
13	6.31	
14	6.50	
15	6.57	0° reference angle
16	6.54	
17	6.47	
18	6.32	
19	6.08	
20	5.75	
21	5.37	
22	4.84	
23	4.18	
24	3.42	
25	2.56	
26	1.41	
27	0.22	
28	-1.23	
29	-2.83	
30	-4.78	0° ~ 30°
31	-7.18	
32	-10.16	
33	-13.44	
34	-16.33	
35	-16.18	
36	-13.82	
37	-11.40	
38	-9.96	
39	-8.93	
40	-8.22	
41	-7.81	
42	-7.66	
43	-7.63	
44	-7.92	
45	-8.10	
46	-8.43	
47	-8.76	
48	-8.97	
49	-9.43	
50	-9.71	
51	-9.90	
52	-10.03	
53	-9.84	
54	-9.58	
55	-9.39	
56	-8.98	
57	-8.65	
58	-8.25	
59	-7.96	
60	-7.85	
61	-7.76	
62	-7.74	
63	-7.79	
64	-7.97	
65	-8.10	
66	-8.35	
67	-8.56	
68	-8.76	
69	-9.05	
70	-9.34	
71	-9.45	
72	-9.74	
73	-9.88	
74	-9.91	
75	-10.12	
76	-10.07	
77	-10.12	
78	-10.20	
79	-10.41	
80	-10.37	
81	-10.57	
82	-10.82	
83	-10.99	
84	-11.23	
85	-11.54	
86	-11.83	
87	-12.28	
88	-12.61	
89	-13.12	
90	-13.74	
91	-14.30	
92	-14.76	
93	-15.55	
94	-16.41	
95	-17.48	
96	-18.84	
97	-20.22	
98	-21.16	
99	-23.37	
100	-23.59	
101	-23.56	
102	-22.57	
103	-21.31	
104	-19.85	
105	-18.43	Above 30 degree
106	-17.66	
107	-16.52	
108	-15.72	
109	-15.14	
110	-14.46	
111	-14.03	
112	-13.71	
113	-13.46	
114	-13.27	
115	-13.16	
116	-13.14	
117	-12.95	
118	-12.86	
119	-12.76	
120	-12.86	
121	-12.72	
122	-12.66	
123	-12.36	
124	-12.11	
125	-11.88	
126	-11.37	
127	-11.06	
128	-10.67	
129	-10.26	
130	-9.88	
131	-9.34	
132	-8.84	
133	-8.47	
134	-8.02	
135	-7.72	
136	-7.29	
137	-6.87	
138	-6.56	
139	-6.30	
140	-6.14	
141	-6.10	
142	-6.05	
143	-6.23	
144	-6.39	
145	-6.76	
146	-7.31	
147	-8.05	
148	-9.02	
149	-10.12	
150	-12.00	
151	-14.22	
152	-17.64	
153	-23.86	
154	-28.14	
155	-20.34	
156	-15.95	
157	-12.82	
158	-10.95	
159	-9.55	
160	-8.66	
161	-7.90	
162	-7.25	
163	-6.87	
164	-6.79	
165	-6.70	
166	-6.73	
167	-7.08	
168	-7.36	
169	-8.06	
170	-9.03	
171	-10.78	
172	-13.12	0° ~ 30°
173	-17.12	
174	-25.30	
175	-19.74	
176	-13.13	
177	-9.44	
178	-6.62	
179	-4.27	

Elevation angle above 30 degree Max Gain

Elevation angle above 30 degree Max Gain(dBi)		7.90
Freq. (MHz)	5150	Elevation Angle Define
H-Plan angle(Degree)	Gain(dBm)	
-180	-8.85	
-179	-10.59	
-178	-12.52	
-177	-12.87	
-176	-11.39	
-175	-9.93	
-174	-9.22	
-173	-9.26	
-172	-9.74	
-171	-10.16	
-170	-10.14	
-169	-9.88	
-168	-9.91	
-167	-10.66	
-166	-12.41	
-165	-15.46	
-164	-20.00	
-163	-20.00	
-162	-20.00	
-161	-19.65	
-160	-19.46	
-159	-19.76	
-158	-19.81	
-157	-18.84	
-156	-18.67	
-155	-19.62	
-154	-20.00	
-153	-20.00	
-152	-20.00	
-151	-20.00	
-150	-20.00	
-149	-20.00	
-148	-20.00	
-147	-18.13	
-146	-15.67	
-145	-14.55	
-144	-14.37	
-143	-14.85	
-142	-15.53	
-141	-15.97	
-140	-16.11	
-139	-16.41	
-138	-17.38	
-137	-19.60	
-136	-20.00	
-135	-20.00	
-134	-20.00	
-133	-20.00	
-132	-18.63	
-131	-17.63	
-130	-17.55	
-129	-18.32	
-128	-20.00	
-127	-20.00	
-126	-20.00	
-125	-20.00	
-124	-20.00	
-123	-20.00	
-122	-20.00	
-121	-20.00	
-120	-20.00	
-119	-20.00	
-118	-20.00	
-117	-20.00	
-116	-20.00	
-115	-20.00	
-114	-20.00	
-113	-20.00	
-112	-20.00	
-111	-20.00	
-110	-20.00	
-109	-20.00	
-108	-18.40	
-107	-17.18	
-106	-16.42	
-105	-16.17	
-104	-16.62	
-103	-17.58	
-102	-19.53	
-101	-20.00	
-100	-20.00	
-99	-20.00	
-98	-20.00	Above 30 degree
-97	-19.14	
-96	-17.13	
-95	-15.57	
-94	-14.36	
-93	-13.52	
-92	-13.10	
-91	-13.12	
-90	-13.63	
-89	-14.65	
-88	-16.18	
-87	-18.11	
-86	-20.00	
-85	-20.00	
-84	-20.00	
-83	-19.05	
-82	-17.73	
-81	-16.60	
-80	-15.74	
-79	-15.15	
-78	-14.87	
-77	-14.91	
-76	-15.31	
-75	-16.05	
-74	-17.09	
-73	-18.28	
-72	-19.26	
-71	-19.44	
-70	-18.55	
-69	-17.01	
-68	-15.41	
-67	-14.06	
-66	-13.10	
-65	-12.54	
-64	-12.38	
-63	-12.57	
-62	-13.01	
-61	-13.52	
-60	-13.88	
-59	-13.85	
-58	-13.33	
-57	-12.41	
-56	-11.32	
-55	-10.30	
-54	-9.50	
-53	-9.03	
-52	-8.89	
-51	-9.09	
-50	-9.56	
-49	-10.17	
-48	-10.76	
-47	-11.13	
-46	-11.14	
-45	-10.74	
-44	-10.06	
-43	-9.25	
-42	-8.49	
-41	-7.86	
-40	-7.41	
-39	-7.12	
-38	-6.92	
-37	-6.73	
-36	-6.47	
-35	-6.07	
-34	-5.54	
-33	-4.91	
-32	-4.24	
-31	-3.60	
-30	-3.03	
-29	-2.56	
-28	-2.17	
-27	-1.85	
-26	-1.55	
-25	-1.24	
-24	-0.88	
-23	-0.48	
-22	-0.04	
-21	0.41	
-20	0.83	
-19	1.20	
-18	1.51	
-17	1.75	
-16	1.94	
-15	2.13	
-14	2.34	
-13	2.60	
-12	2.94	
-11	3.33	
-10	3.76	
-9	4.21	
-8	4.65	
-7	5.07	
-6	5.44	
-5	5.76	
-4	6.05	
-3	6.30	
-2	6.53	



Elevation angle above 30 degree Max Gain

-1	6.74	0° ~ 30°
0	6.93	
1	7.11	
2	7.25	
3	7.38	
4	7.49	
5	7.58	
6	7.68	
7	7.79	
8	7.94	
9	8.12	
10	8.33	
11	8.54	
12	8.74	
13	8.89	
14	8.98	
15	9.00	0° reference angle
16	8.93	
17	8.82	
18	8.66	
19	8.50	
20	8.38	
21	8.32	
22	8.34	
23	8.42	
24	8.54	
25	8.66	
26	8.66	
27	8.76	
28	8.82	
29	8.81	
30	8.76	0° ~ 30°
31	8.66	
32	8.54	
33	8.44	
34	8.37	
35	8.35	
36	8.36	
37	8.39	
38	8.42	
39	8.42	
40	8.39	
41	8.32	
42	8.22	
43	8.12	
44	8.02	
45	7.95	
46	7.90	
47	7.88	
48	7.86	
49	7.83	
50	7.77	
51	7.68	
52	7.57	
53	7.43	
54	7.30	
55	7.19	
56	7.12	
57	7.08	
58	7.06	
59	7.03	
60	6.99	
61	6.89	
62	6.73	
63	6.51	
64	6.25	
65	5.96	
66	5.69	
67	5.46	
68	5.28	
69	5.15	
70	5.04	
71	4.93	
72	4.80	
73	4.61	
74	4.36	
75	4.08	
76	3.78	
77	3.51	
78	3.28	
79	3.11	
80	2.97	
81	2.83	
82	2.62	
83	2.32	
84	1.88	
85	1.28	
86	0.55	
87	-0.31	
88	-1.20	
89	-2.00	
90	-2.57	
91	-2.85	
92	-2.86	
93	-2.76	
94	-2.68	
95	-2.72	
96	-2.97	
97	-3.46	
98	-4.19	
99	-5.13	
100	-6.18	
101	-7.19	
102	-7.94	
103	-8.28	
104	-8.25	
105	-7.96	
106	-7.60	
107	-7.29	
108	-7.13	
109	-7.18	
110	-7.49	
111	-8.13	
112	-9.11	Above 30 degree
113	-10.43	
114	-12.00	
115	-13.52	
116	-14.44	
117	-14.33	
118	-13.44	
119	-12.25	
120	-11.05	
121	-9.98	
122	-9.09	
123	-8.43	
124	-8.00	
125	-7.82	
126	-7.86	
127	-8.11	
128	-8.56	
129	-9.21	
130	-10.02	
131	-10.97	
132	-11.94	
133	-12.76	
134	-13.20	
135	-13.13	
136	-12.63	
137	-11.97	
138	-11.37	
139	-11.01	
140	-10.90	
141	-10.97	
142	-10.98	
143	-10.68	
144	-9.99	
145	-9.11	
146	-8.28	
147	-7.63	
148	-7.23	
149	-7.04	
150	-6.99	
151	-6.98	
152	-6.92	
153	-6.74	
154	-6.46	
155	-6.20	
156	-6.08	
157	-6.16	
158	-6.49	
159	-7.04	
160	-7.68	
161	-8.29	
162	-8.77	
163	-9.18	
164	-9.66	
165	-10.35	
166	-11.26	
167	-12.11	
168	-12.43	
169	-11.97	
170	-11.14	
171	-10.45	
172	-10.12	
173	-10.10	
174	-10.09	
175	-9.73	
176	-8.96	
177	-8.15	
178	-7.71	
179	-7.90	

For Radio 1:
For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 2~4:
Mode 1: (Ant. 5 Panel antenna / 3 dBi)
For Non-beamforming / 1T1S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_1TX	-7.19
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.08
802.11ax HEW20_Nss1,(MCS0)_1TX	8.53
802.11ax HEW40_Nss1,(MCS0)_1TX	5.06
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.83
802.11ax HEW160_Nss1,(MCS0)_1TX	-6.76
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	8.08
802.11ax HEW20_Nss1,(MCS0)_1TX	7.00
802.11ax HEW40_Nss1,(MCS0)_1TX	4.78
802.11ax HEW80_Nss1,(MCS0)_1TX	1.23
802.11ax HEW160_Nss1,(MCS0)_1TX	-6.41
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	5.20
802.11ax HEW20_Nss1,(MCS0)_1TX	4.58
802.11ax HEW40_Nss1,(MCS0)_1TX	1.65
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.56

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

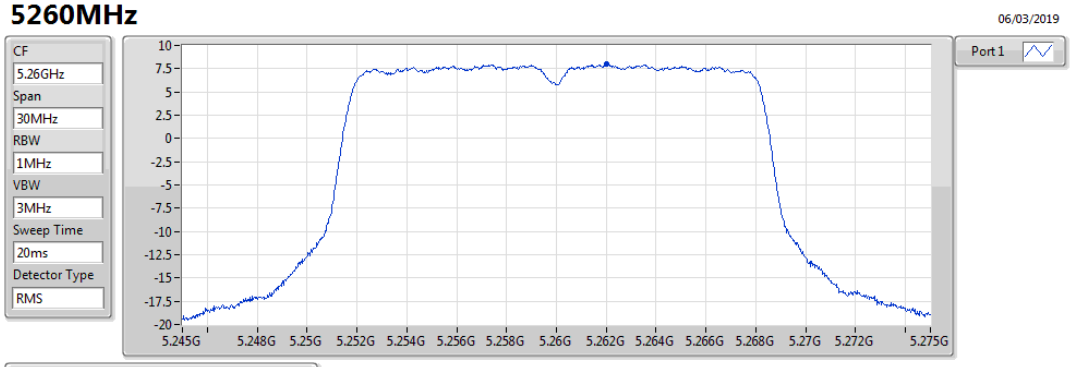
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	3.00	7.98	7.98	11.00
5300MHz	Pass	3.00	8.08	8.08	11.00
5320MHz	Pass	3.00	6.72	6.72	11.00
5500MHz	Pass	3.00	4.37	4.37	11.00
5580MHz	Pass	3.00	8.08	8.08	11.00
5700MHz	Pass	3.00	2.84	2.84	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	7.09	7.09	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	5.20	5.20	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	3.00	8.13	8.13	11.00
5300MHz	Pass	3.00	8.53	8.53	11.00
5320MHz	Pass	3.00	5.53	5.53	11.00
5500MHz	Pass	3.00	3.00	3.00	11.00
5580MHz	Pass	3.00	7.00	7.00	11.00
5700MHz	Pass	3.00	0.51	0.51	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	6.16	6.16	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	4.58	4.58	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	3.00	5.06	5.06	11.00
5310MHz	Pass	3.00	0.86	0.86	11.00
5510MHz	Pass	3.00	-0.76	-0.76	11.00
5550MHz	Pass	3.00	4.78	4.78	11.00
5670MHz	Pass	3.00	2.17	2.17	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	3.92	3.92	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	1.65	1.65	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	3.00	-1.83	-1.83	11.00
5530MHz	Pass	3.00	-2.78	-2.78	11.00
5610MHz	Pass	3.00	0.31	0.31	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	1.23	1.23	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	-1.56	-1.56	30.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00	-7.19	-7.19	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	-6.76	-6.76	11.00
5570MHz	Pass	3.00	-6.41	-6.41	11.00

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11a_Nss1,(6Mbps)_1TX **PSD**

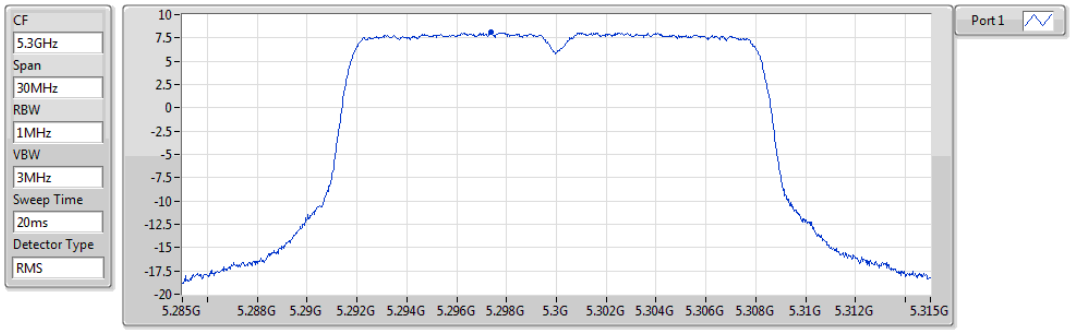
5260MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.98	7.98	7.98

802.11a_Nss1,(6Mbps)_1TX **PSD**

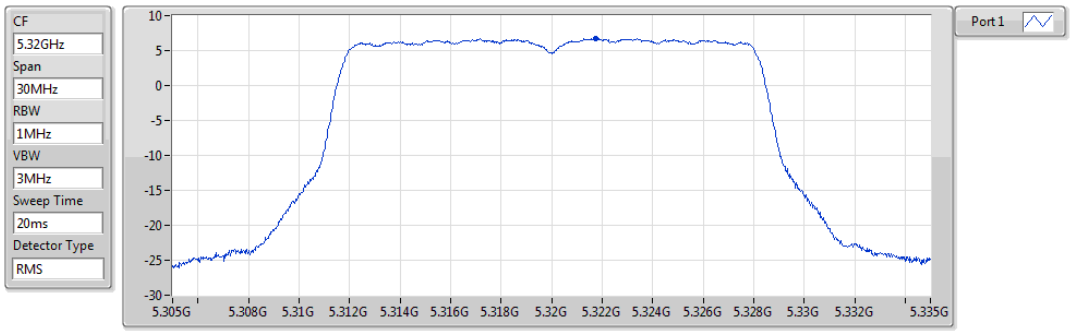
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.08	8.08	8.08

802.11a_Nss1,(6Mbps)_1TX **PSD**

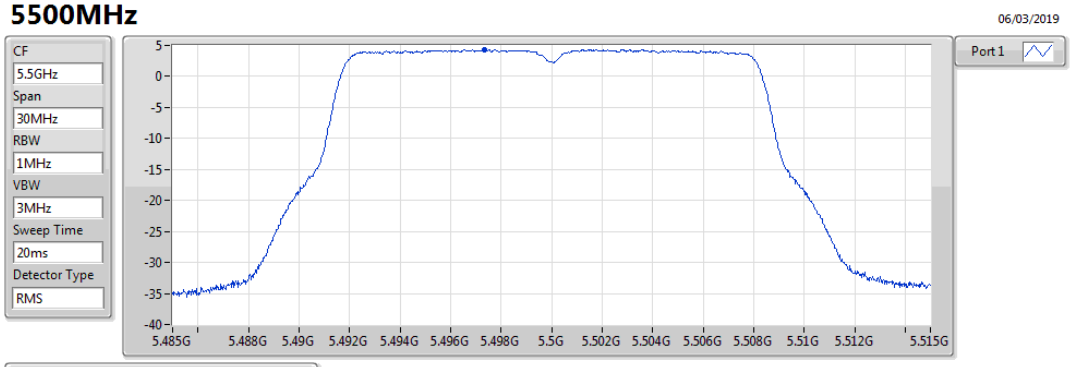
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.72	6.72	6.72

802.11a_Nss1,(6Mbps)_1TX **PSD**

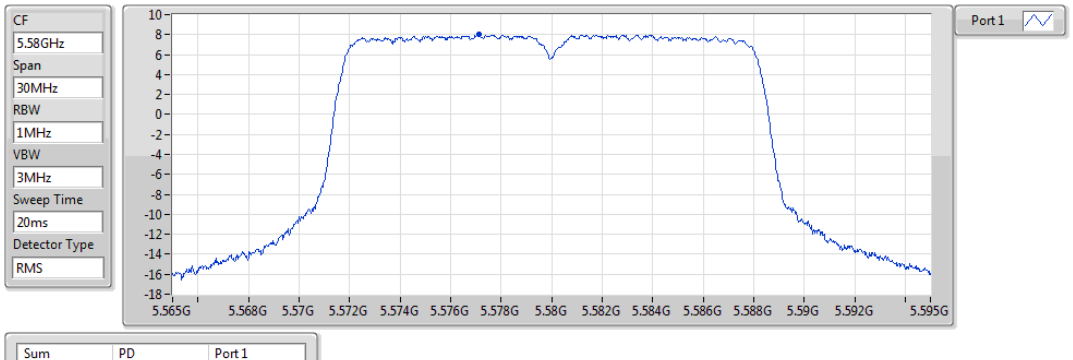
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.37	4.37	4.37

802.11a_Nss1,(6Mbps)_1TX **PSD**

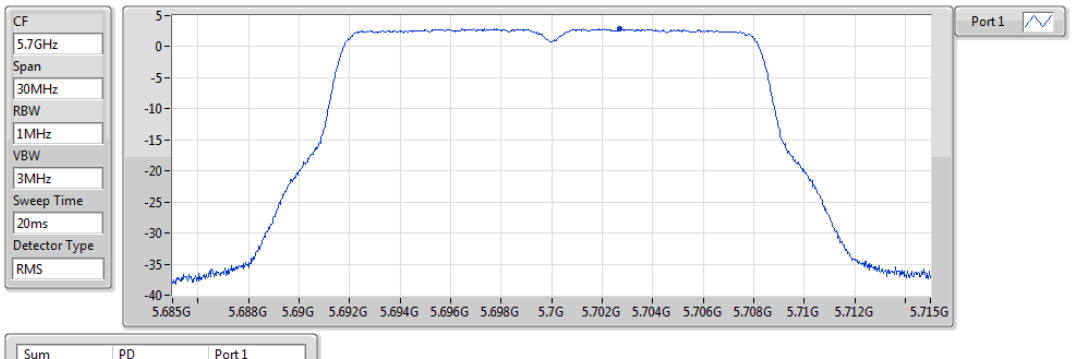
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.08	8.08	8.08

802.11a_Nss1,(6Mbps)_1TX **PSD**

5700MHz

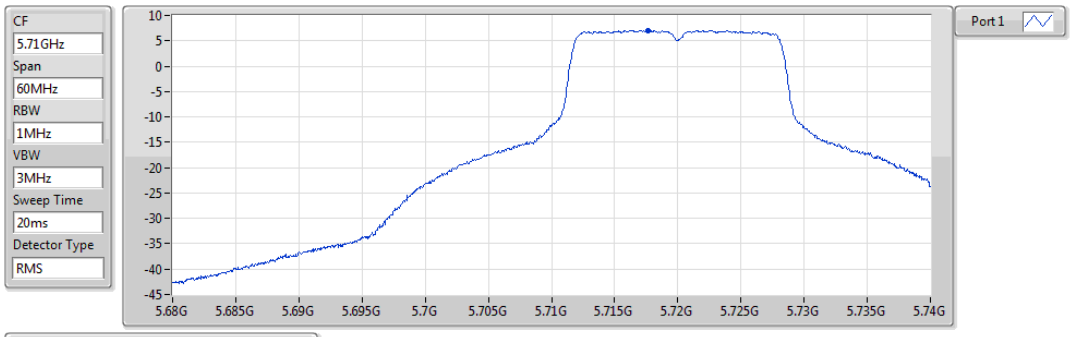


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.84	2.84	2.84

802.11a_Nss1,(6Mbps)_1TX **PSD**

5720MHz Straddle 5.47-5.725GHz

06/03/2019

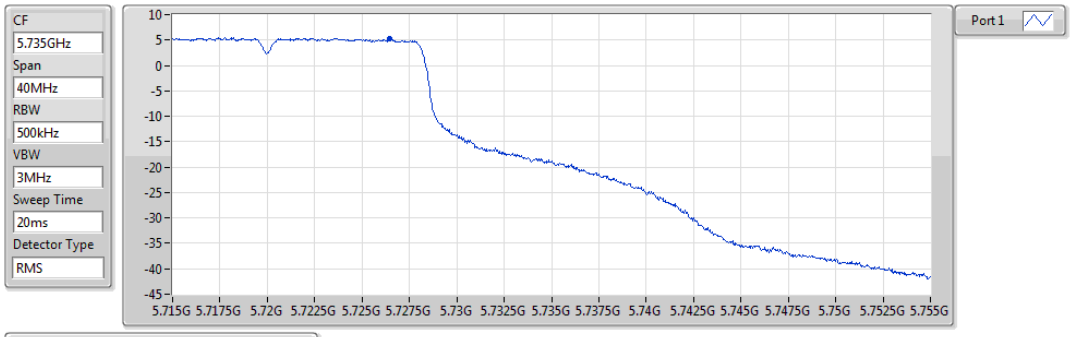


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.09	7.09	7.09

802.11a_Nss1,(6Mbps)_1TX **PSD**

5720MHz Straddle 5.725-5.85GHz

06/03/2019

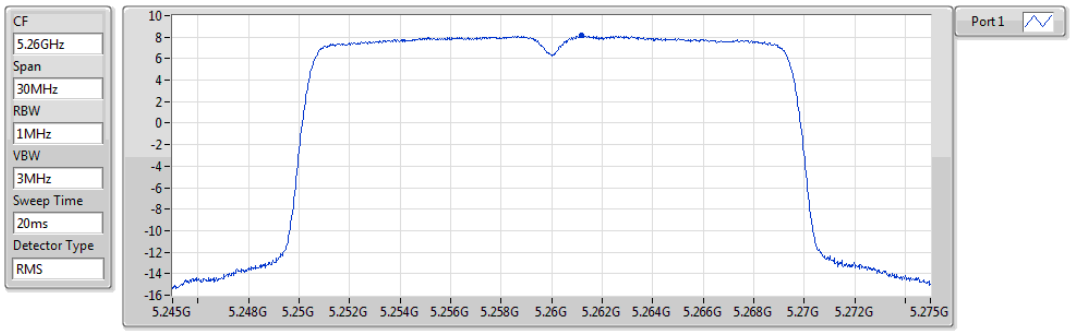


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.20	5.20	5.20

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

5260MHz

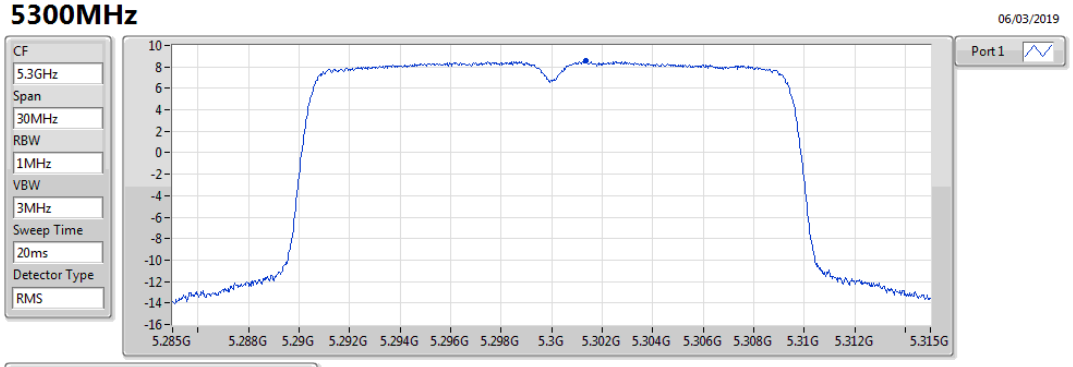
06/03/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.13	8.13	8.13

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

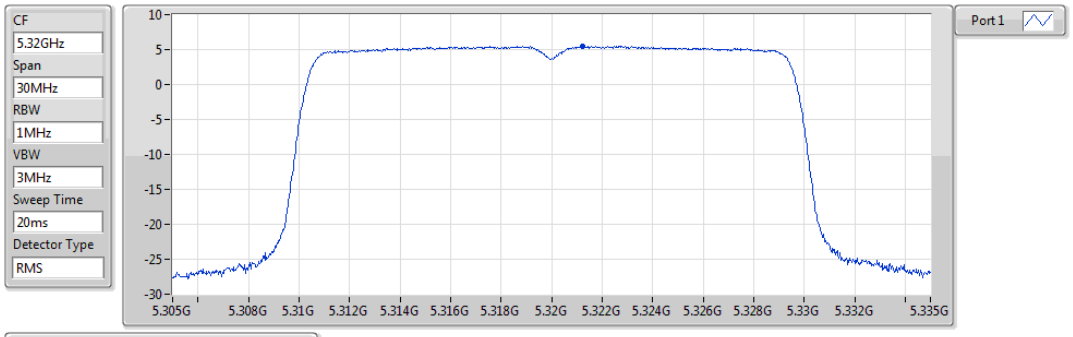
5300MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.53	8.53	8.53

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

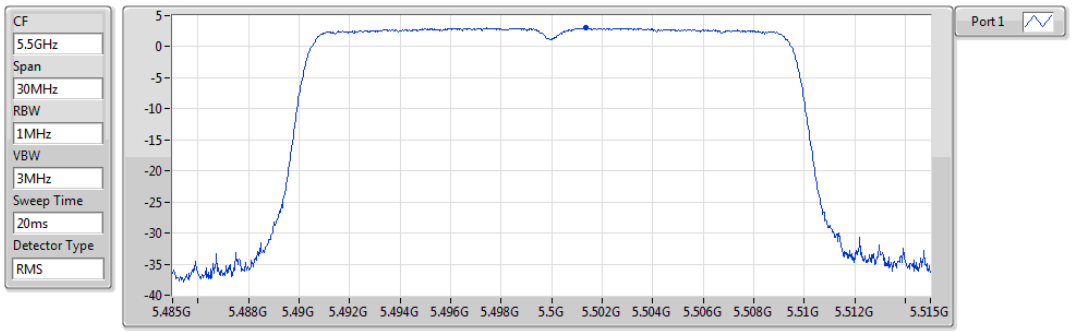
5320MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.53	5.53	5.53

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

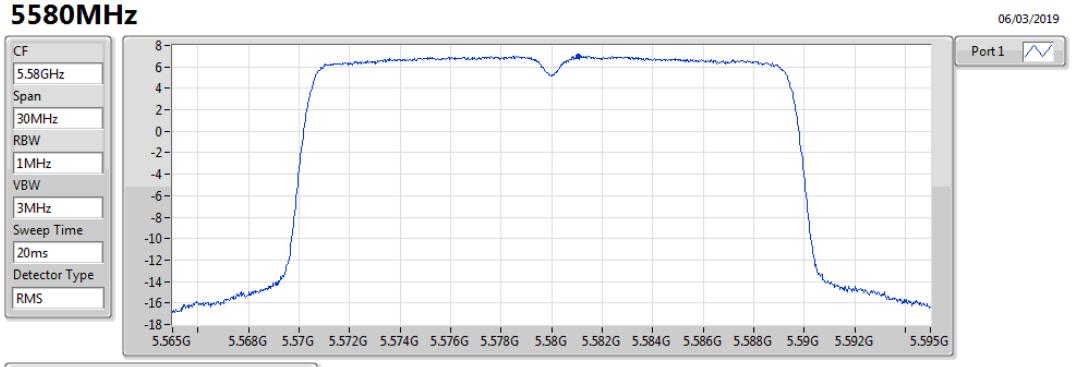
5500MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.00	3.00	3.00

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

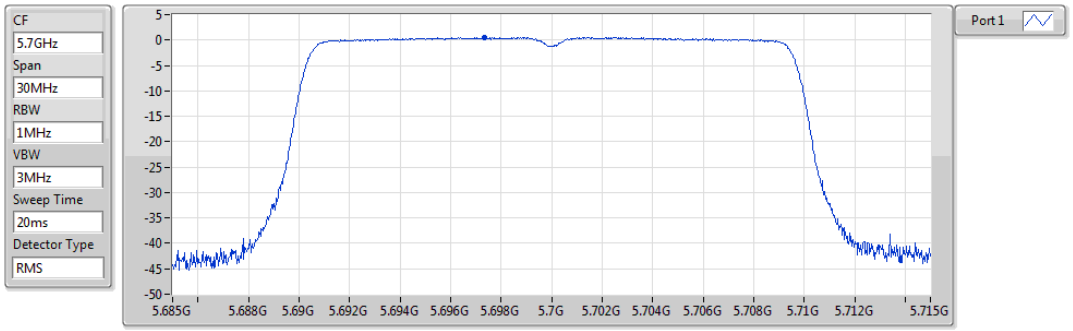
5580MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.00	7.00	7.00

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

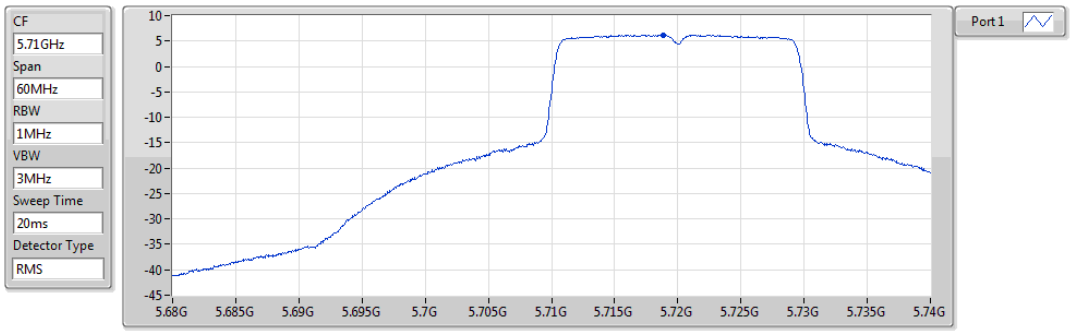
5700MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.51	0.51	0.51

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

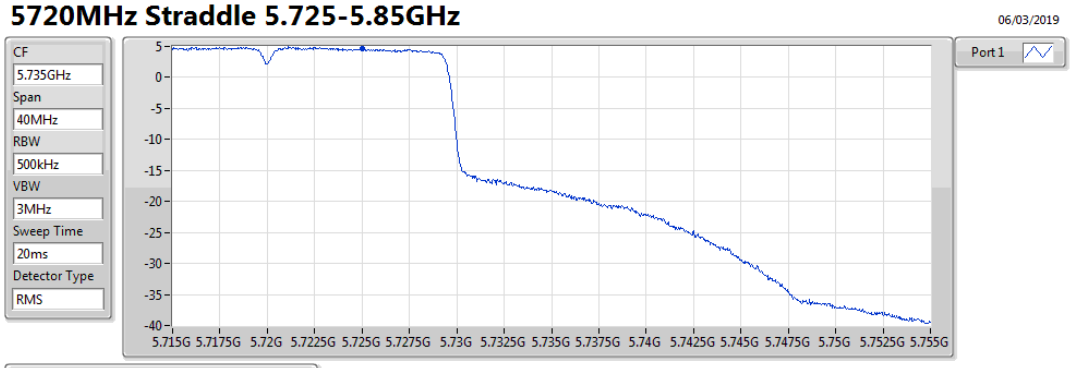
5720MHz Straddle 5.47-5.725GHz



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

802.11ax HEW20_Nss1,(MCS0)_1TX **PSD**

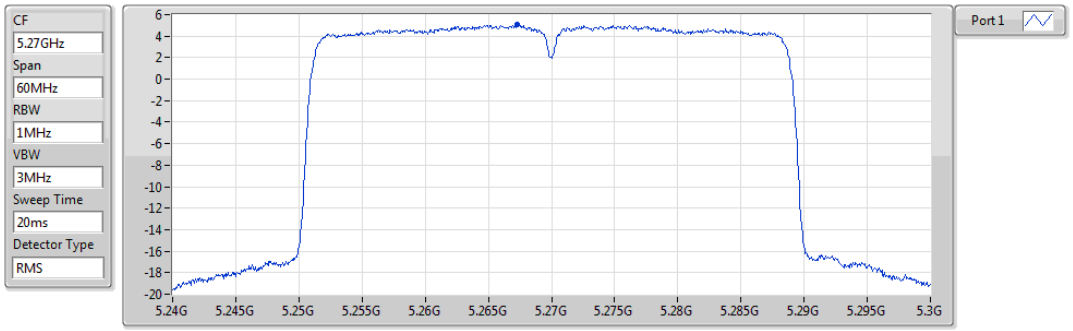
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.58	4.58	4.58

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

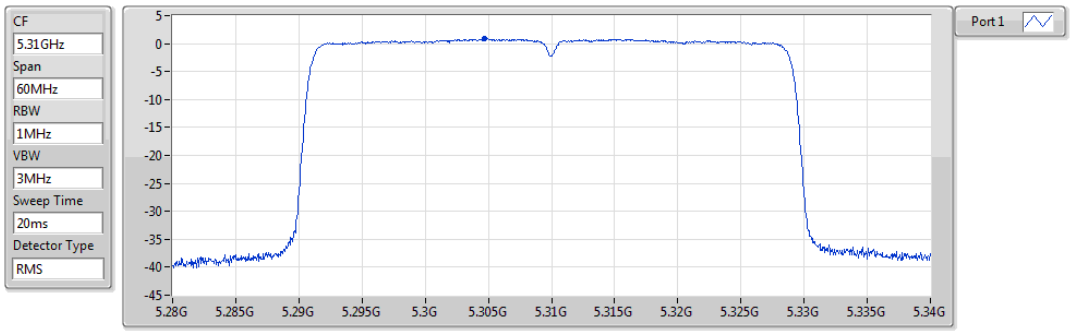
5270MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.06	5.06	5.06

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

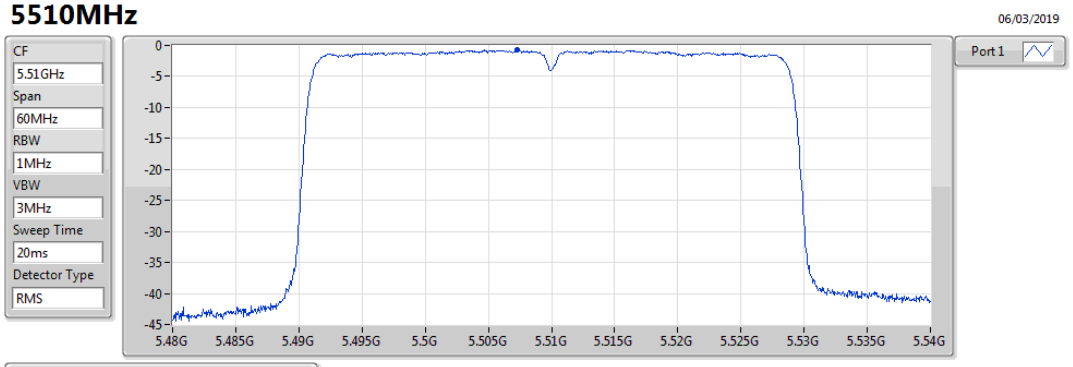
5310MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.86	0.86	0.86

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

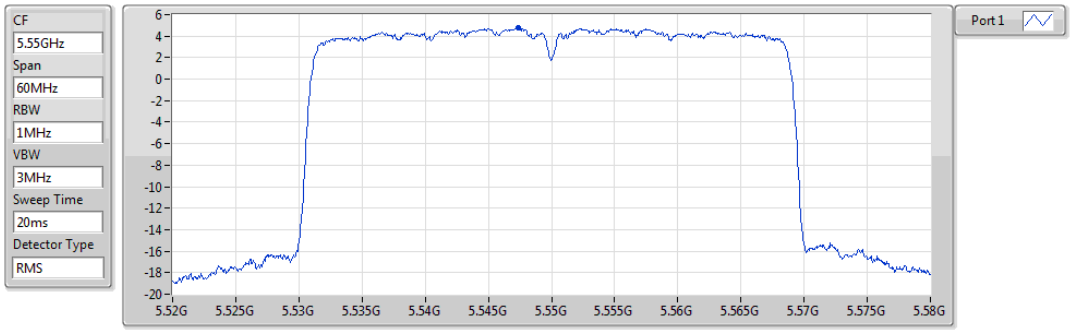
5510MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.76	-0.76	-0.76

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

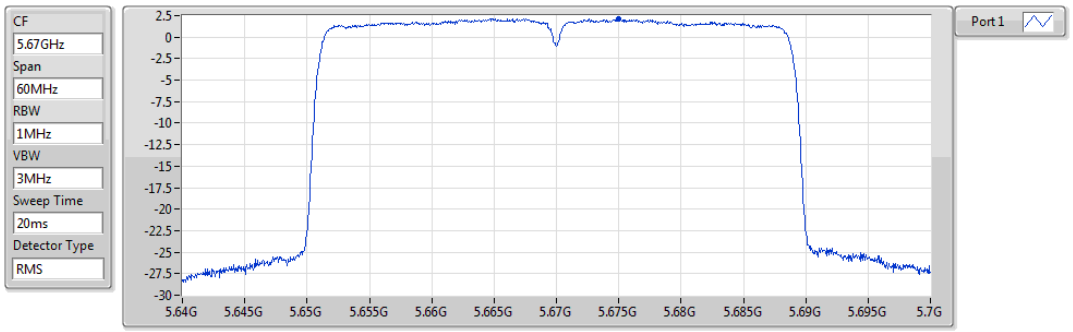
5550MHz



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

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

5670MHz

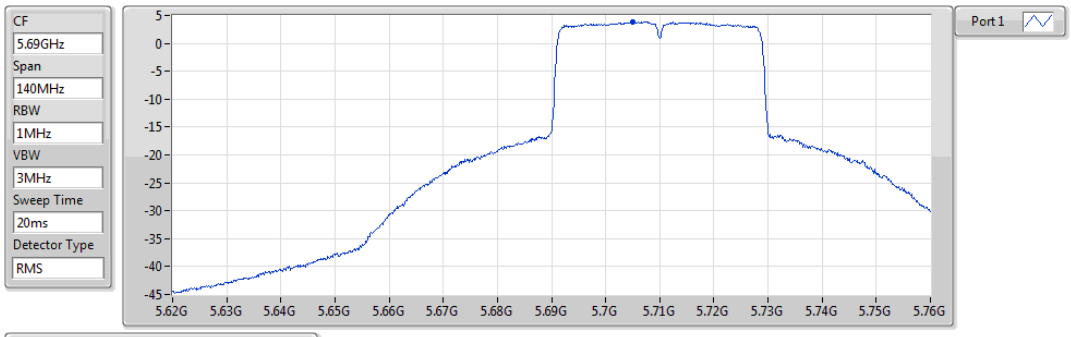


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.17	2.17	2.17

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

5710MHz Straddle 5.47-5.725GHz

06/03/2019

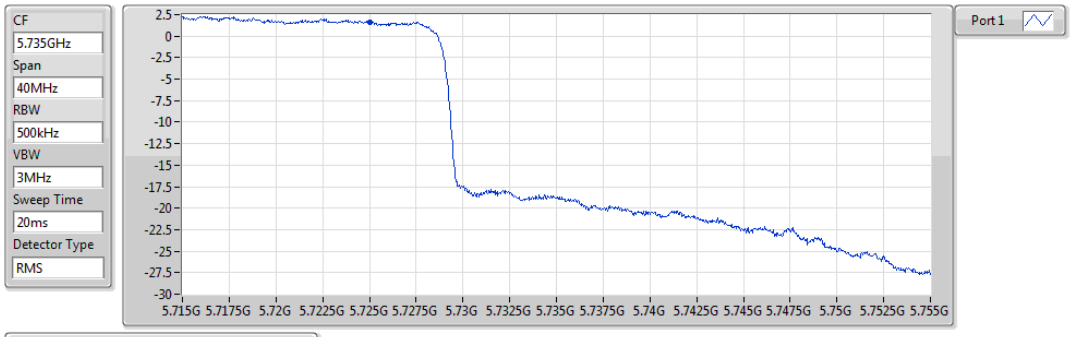


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.92	3.92	3.92

802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

5710MHz Straddle 5.725-5.85GHz

06/03/2019

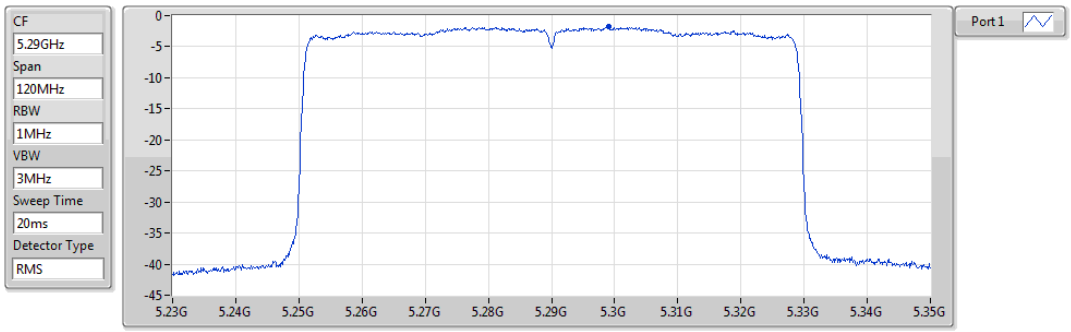


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.65	1.65	1.65

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

5290MHz

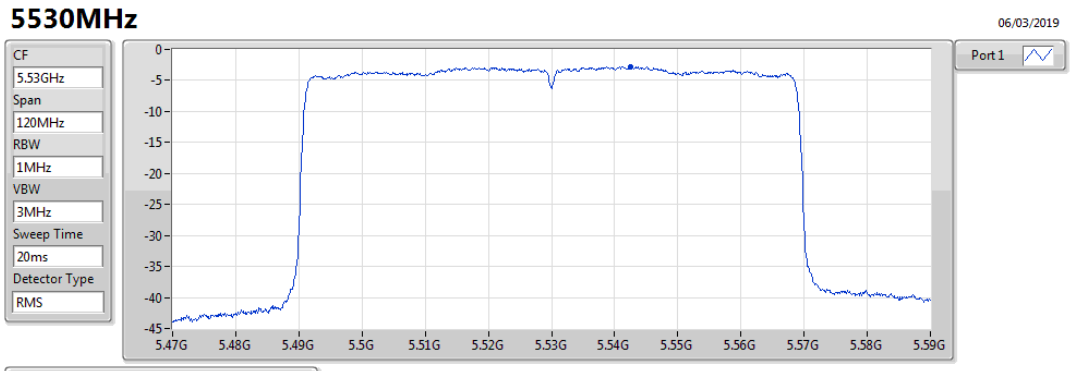
06/03/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.83	-1.83	-1.83

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

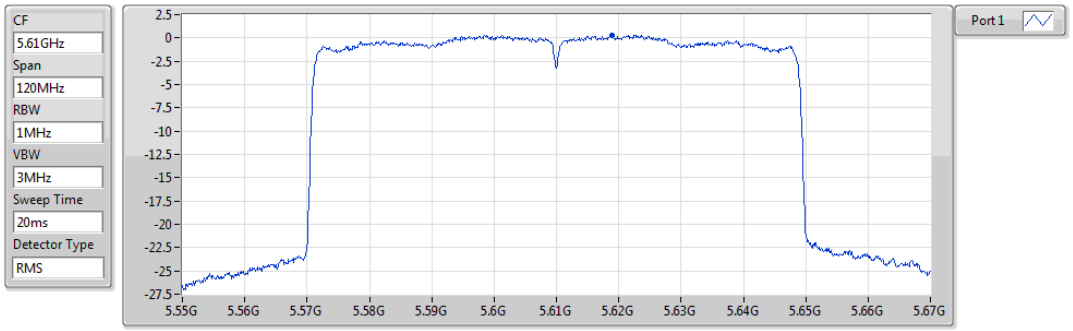
5530MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.78	-2.78	-2.78

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

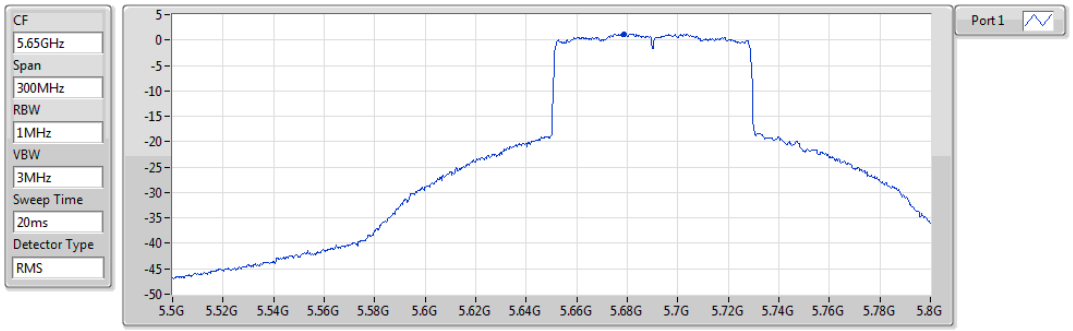
5610MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.31	0.31	0.31

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

5690MHz Straddle 5.47-5.725GHz

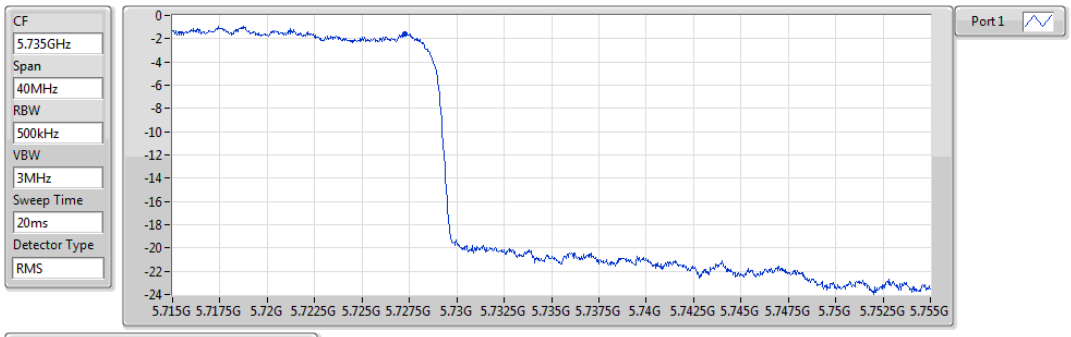


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.23	1.23	1.23

802.11ax HEW80_Nss1,(MCS0)_1TX **PSD**

5690MHz Straddle 5.725-5.85GHz

06/03/2019

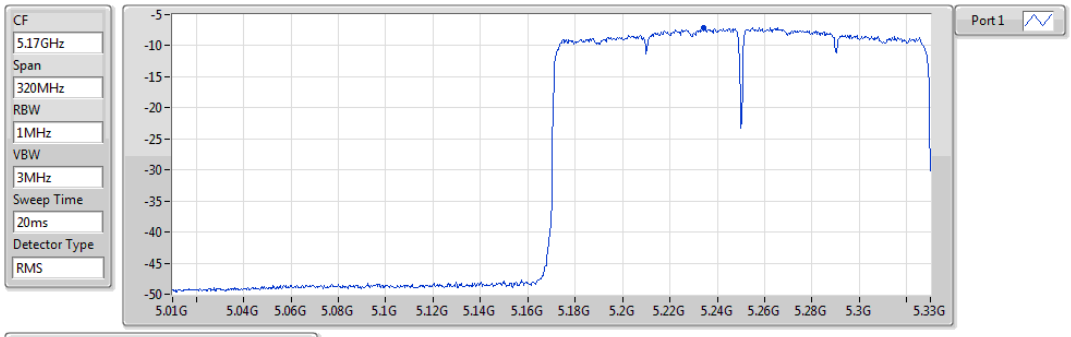


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.56	-1.56	-1.56

802.11ax HEW160_Nss1,(MCS0)_1TX **PSD**

5250MHz Straddle 5.15-5.25GHz

06/03/2019

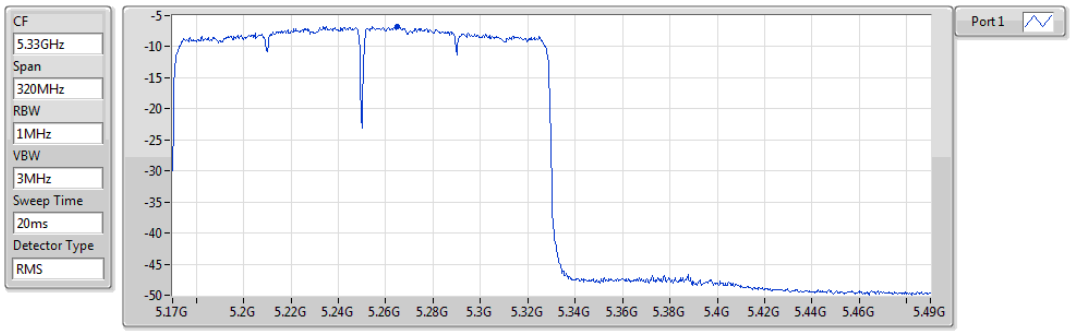


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.19	-7.19	-7.19

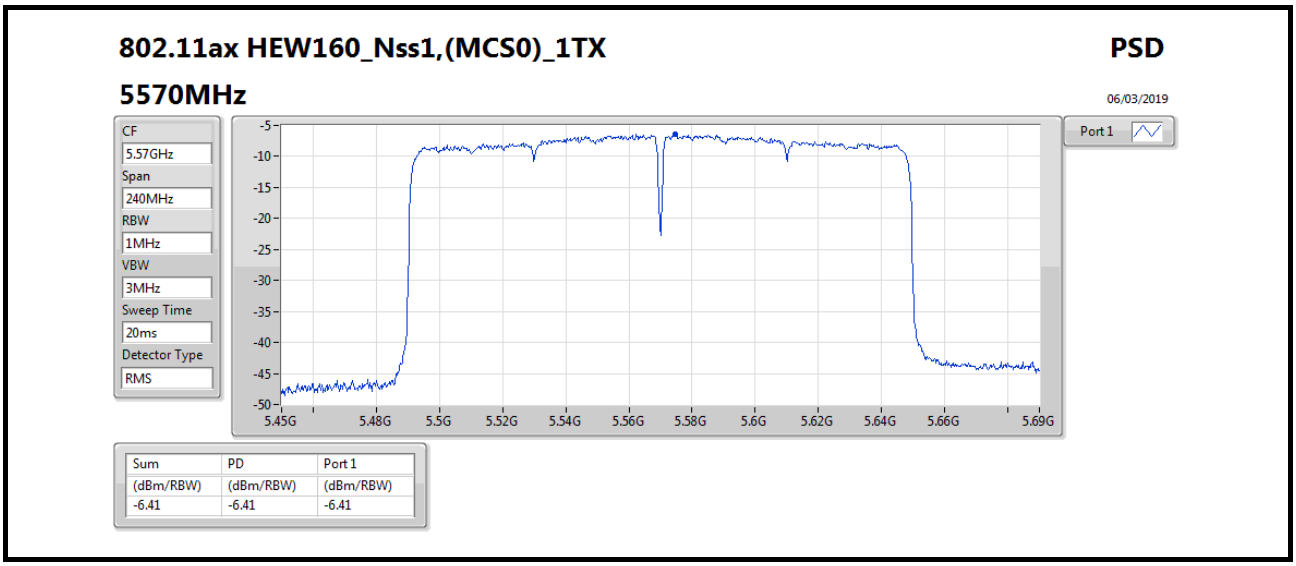
802.11ax HEW160_Nss1,(MCS0)_1TX **PSD**

5250MHz Straddle 5.25-5.35GHz

06/03/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.76	-6.76	-6.76


802.11ax HEW160_Nss1,(MCS0)_1TX
PSD
5570MHz
06/03/2019
CF
5.57GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS
Port 1
-5
-10
-15
-20
-25
-30
-35
-40
-45
-50
5.45G
5.48G
5.5G
5.52G
5.54G
5.56G
5.58G
5.6G
5.62G
5.64G
5.66G
5.69G
Sum
PD
Port 1
(dBm/RBW)
(dBm/RBW)
(dBm/RBW)
-6.41
-6.41
-6.41

For Non-beamforming / 2T2S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss2,(MCS0)_2TX	-5.25
5.25-5.35GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	10.42
802.11ax HEW40_Nss2,(MCS0)_2TX	7.20
802.11ax HEW80_Nss2,(MCS0)_2TX	-1.14
802.11ax HEW160_Nss2,(MCS0)_2TX	-5.35
5.47-5.725GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	10.12
802.11ax HEW40_Nss2,(MCS0)_2TX	7.29
802.11ax HEW80_Nss2,(MCS0)_2TX	3.21
802.11ax HEW160_Nss2,(MCS0)_2TX	-5.26
5.725-5.85GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	7.99
802.11ax HEW40_Nss2,(MCS0)_2TX	4.64
802.11ax HEW80_Nss2,(MCS0)_2TX	0.70

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

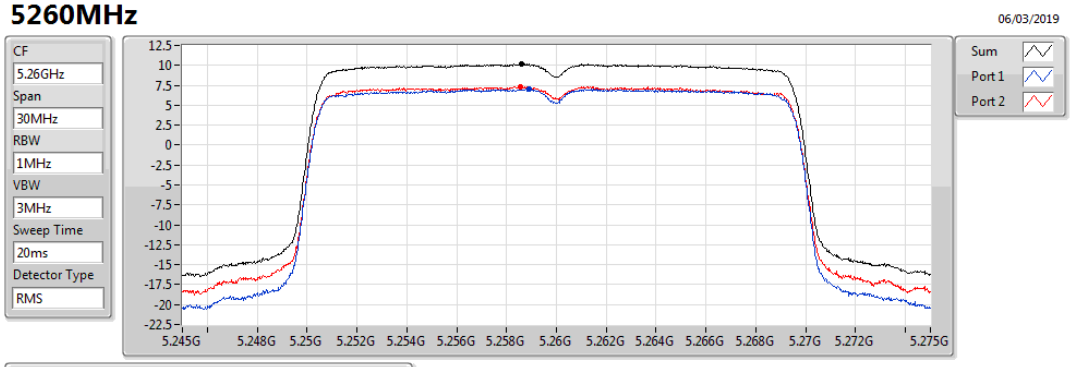
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	3.00	7.05	7.35	10.16	11.00
5300MHz	Pass	3.00	7.48	7.44	10.42	11.00
5320MHz	Pass	3.00	4.03	4.11	7.03	11.00
5500MHz	Pass	3.00	2.40	3.01	5.66	11.00
5580MHz	Pass	3.00	7.09	7.20	10.12	11.00
5700MHz	Pass	3.00	1.07	1.47	4.20	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	6.26	7.13	9.70	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	4.47	5.48	7.99	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	3.00	4.12	4.39	7.20	11.00
5310MHz	Pass	3.00	-0.09	0.48	3.14	11.00
5510MHz	Pass	3.00	-1.90	-0.88	1.61	11.00
5550MHz	Pass	3.00	4.21	4.55	7.29	11.00
5670MHz	Pass	3.00	0.27	0.83	3.50	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	3.13	4.09	6.59	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	1.08	2.16	4.64	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	3.00	-4.48	-3.66	-1.14	11.00
5530MHz	Pass	3.00	-5.11	-5.38	-2.38	11.00
5610MHz	Pass	3.00	-2.13	-1.42	1.08	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	-0.03	0.45	3.21	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	-2.42	-1.99	0.70	30.00
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00	-8.16	-8.18	-5.25	17.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	-8.11	-8.26	-5.35	11.00
5570MHz	Pass	3.00	-8.17	-8.09	-5.26	11.00

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

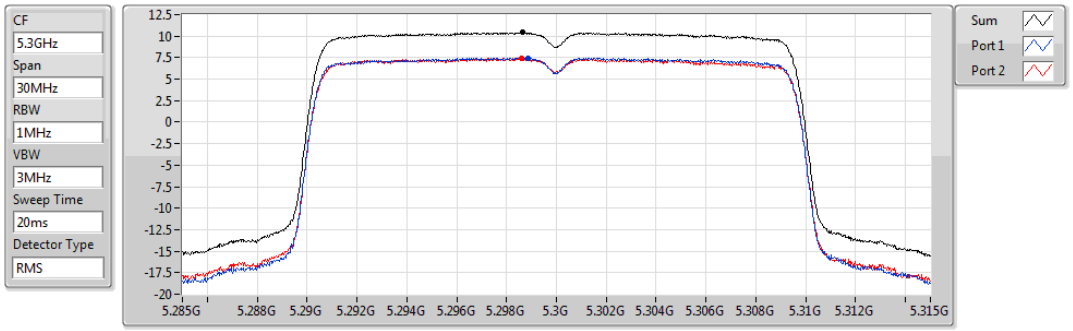
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.16	10.16	7.05	7.35

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

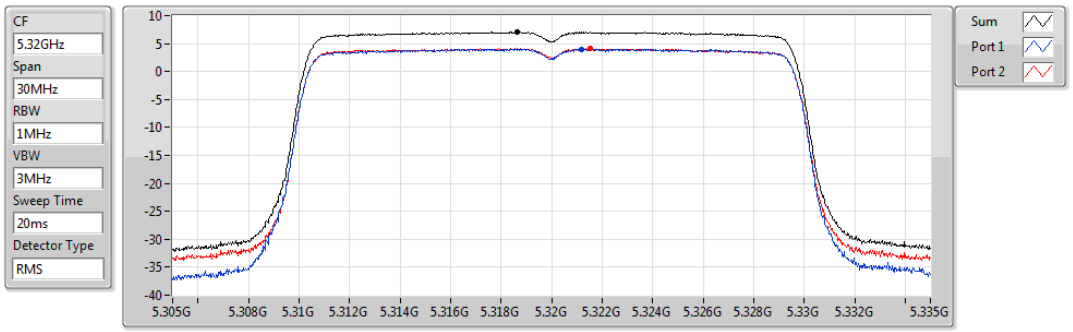
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.42	10.42	7.48	7.44

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

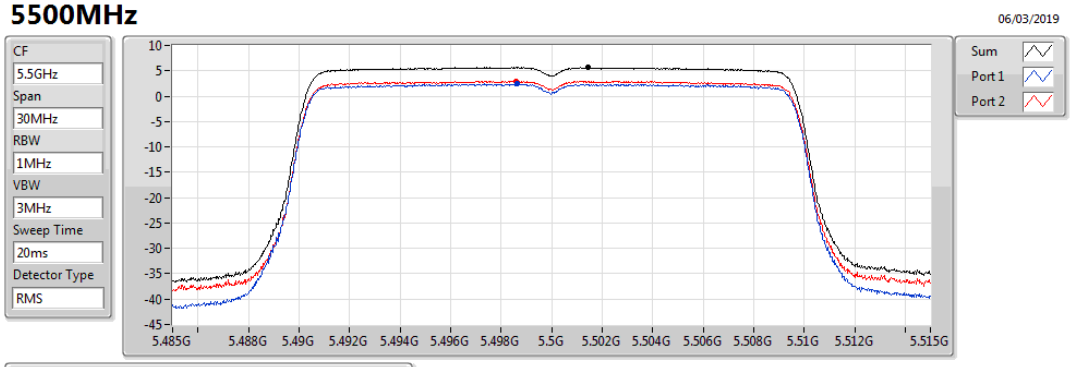
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.03	7.03	4.03	4.11

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

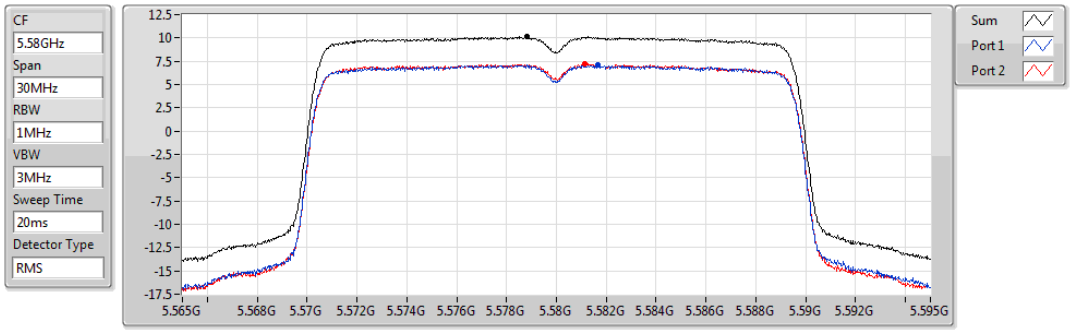
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.66	5.66	2.40	3.01

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

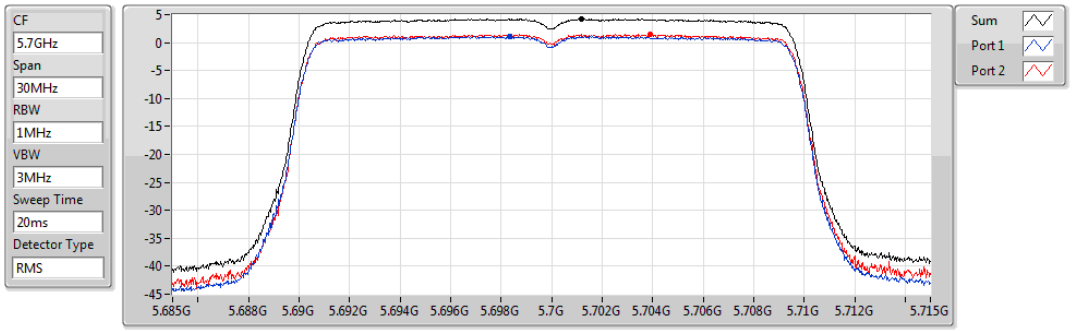
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.12	10.12	7.09	7.20

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5700MHz

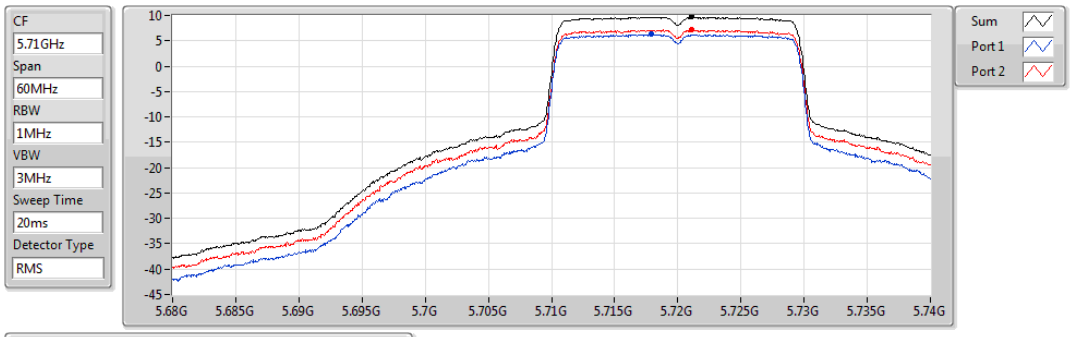


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.20	4.20	1.07	1.47

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5720MHz Straddle 5.47-5.725GHz

06/03/2019

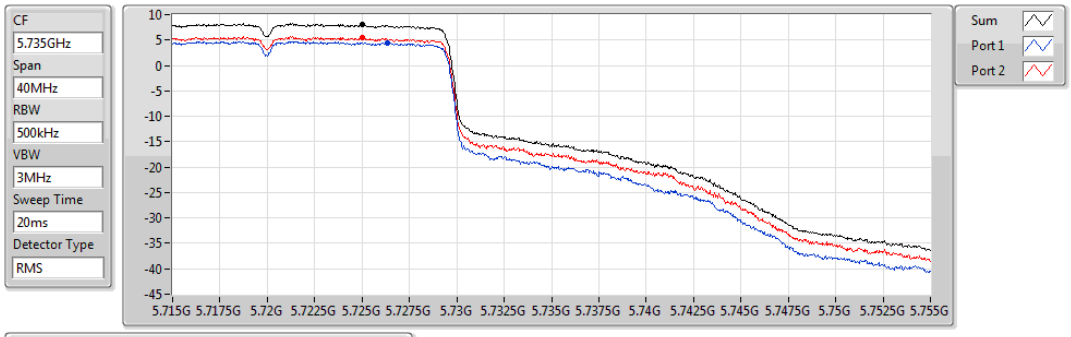


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.70	9.70	6.26	7.13

802.11ax HEW20_Nss2,(MCS0)_2TX **PSD**

5720MHz Straddle 5.725-5.85GHz

06/03/2019

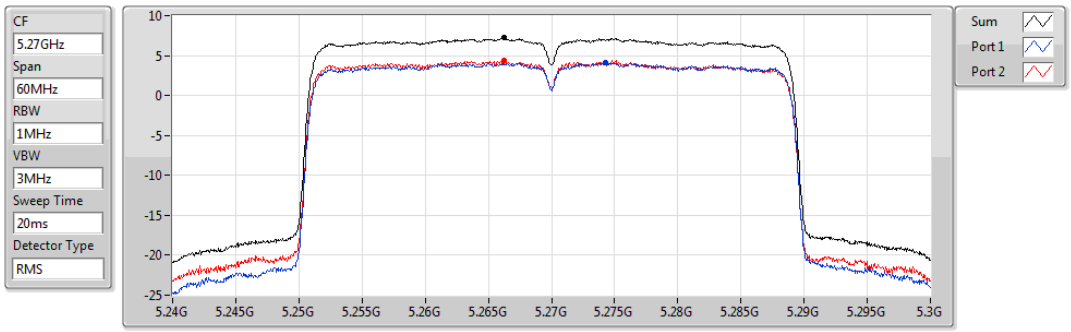


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.99	7.99	4.47	5.48

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

5270MHz

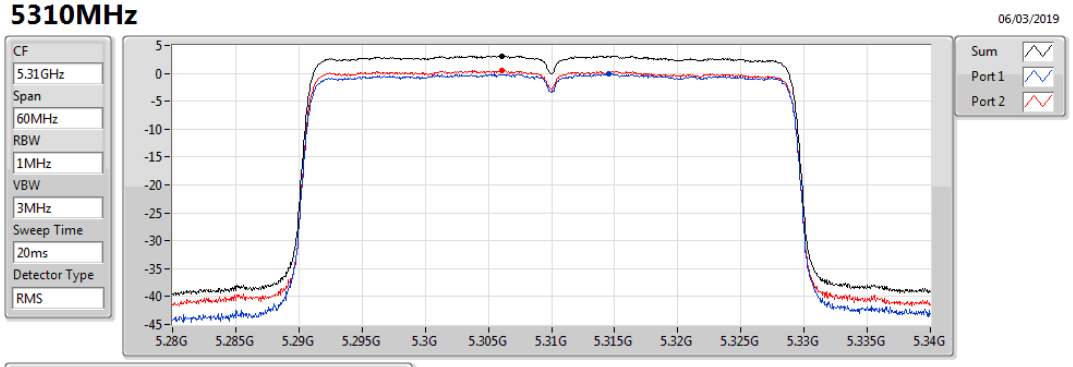
06/03/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.20	7.20	4.12	4.39

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

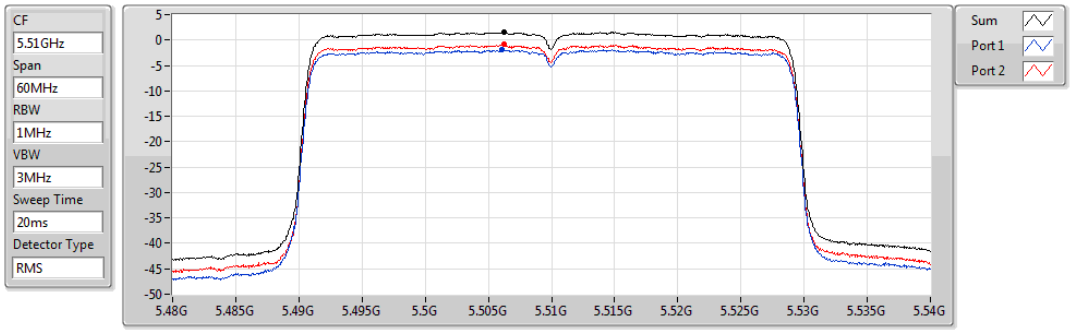
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.14	3.14	-0.09	0.48

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

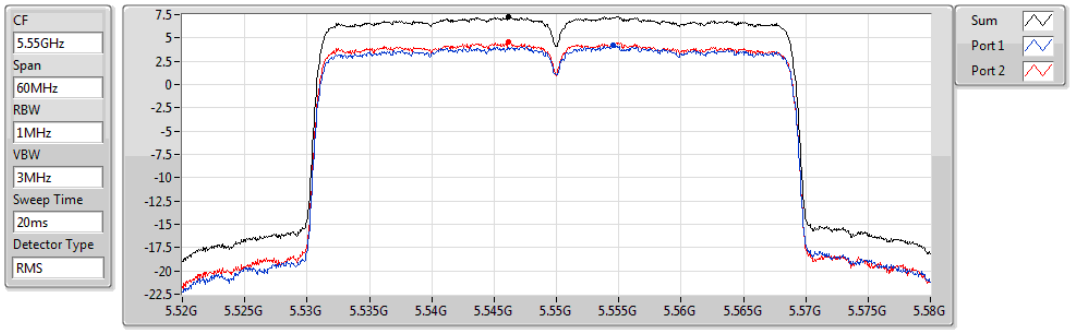
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.61	1.61	-1.90	-0.88

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

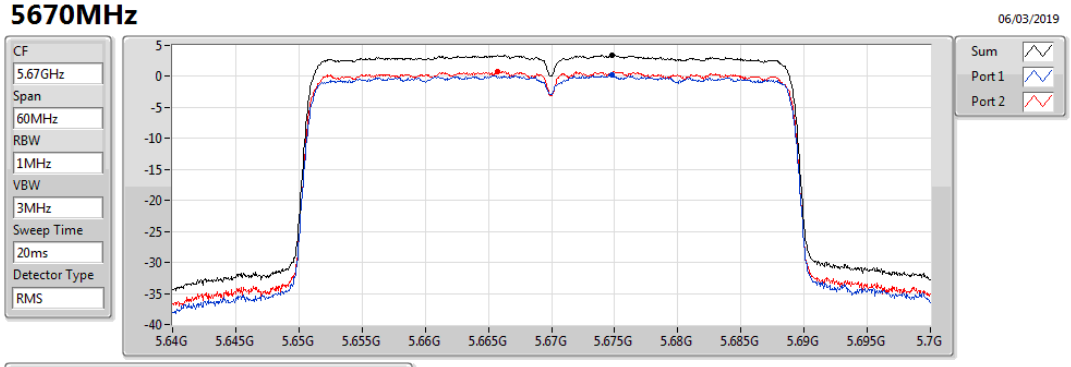
5550MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.29	7.29	4.21	4.55

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

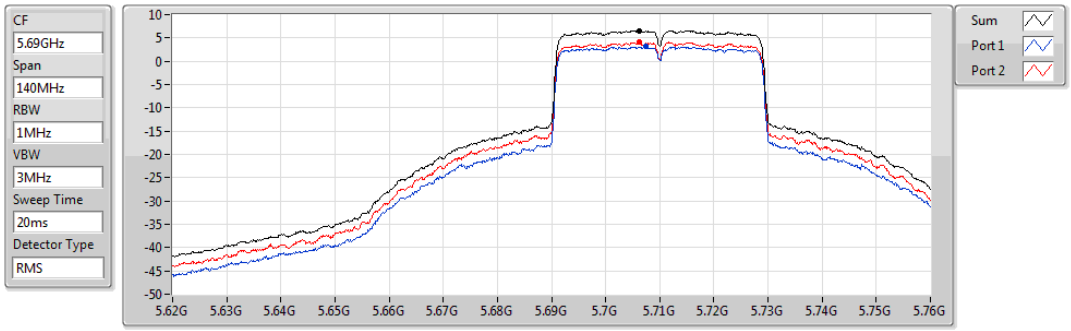
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.50	3.50	0.27	0.83

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

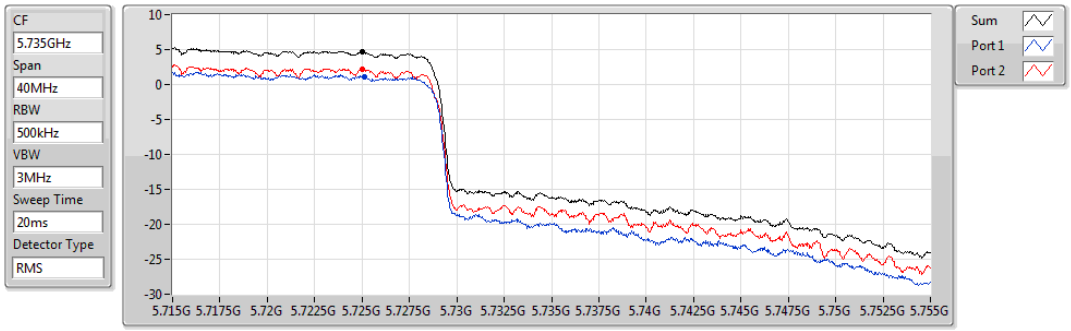
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	3.13	4.09

802.11ax HEW40_Nss2,(MCS0)_2TX **PSD**

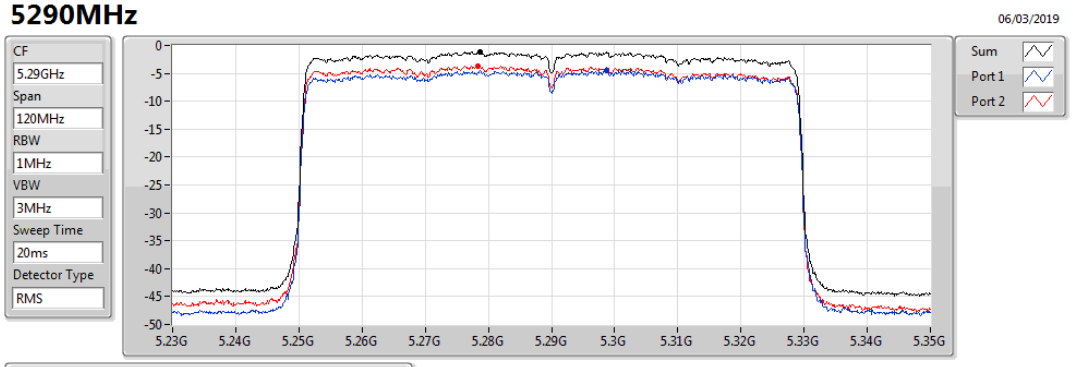
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.64	4.64	1.08	2.16

802.11ax HEW80_Nss2,(MCS0)_2TX **PSD**

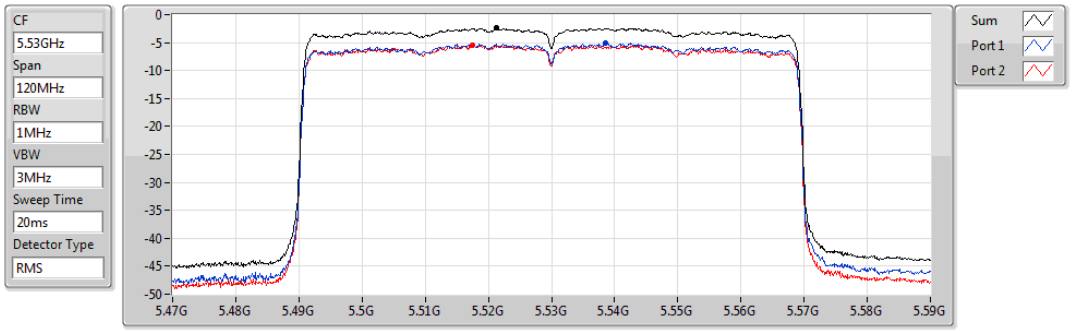
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.14	-1.14	-4.48	-3.66

802.11ax HEW80_Nss2,(MCS0)_2TX **PSD**

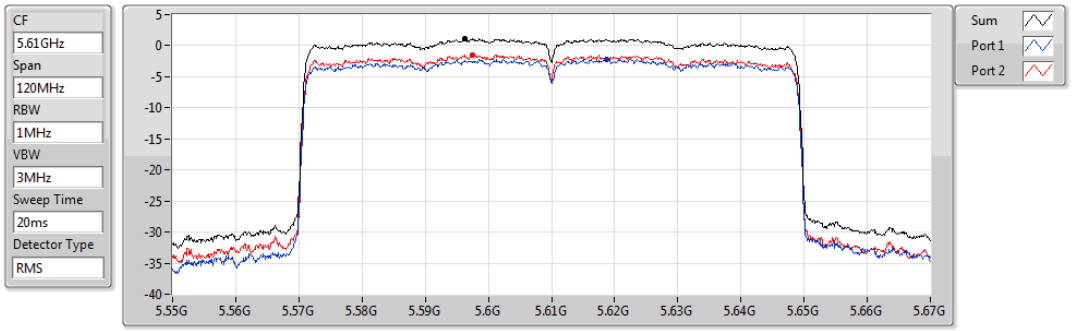
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.38	-2.38	-5.11	-5.38

802.11ax HEW80_Nss2,(MCS0)_2TX **PSD**

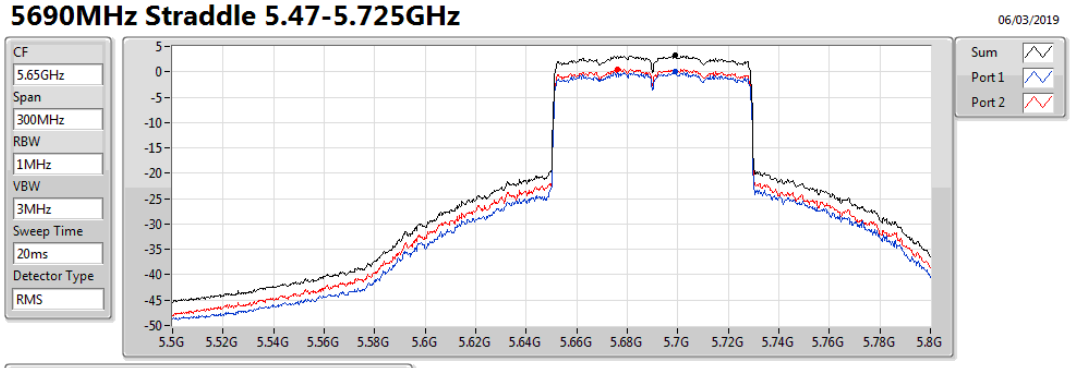
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.08	1.08	-2.13	-1.42

802.11ax HEW80_Nss2,(MCS0)_2TX **PSD**

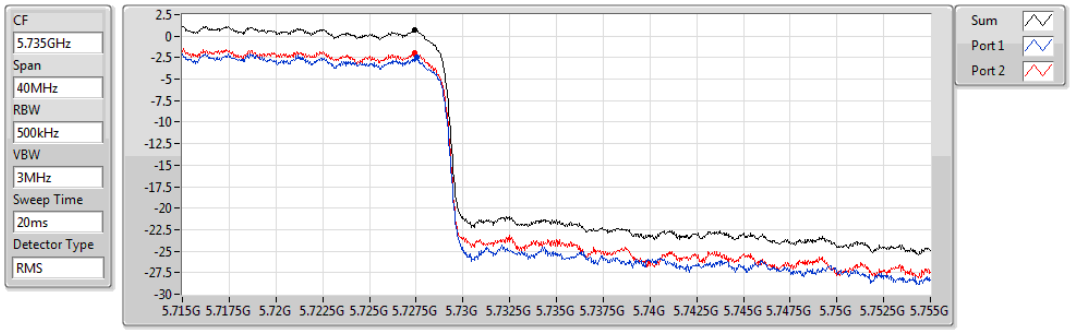
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.21	3.21	-0.03	0.45

802.11ax HEW80_Nss2,(MCS0)_2TX **PSD**

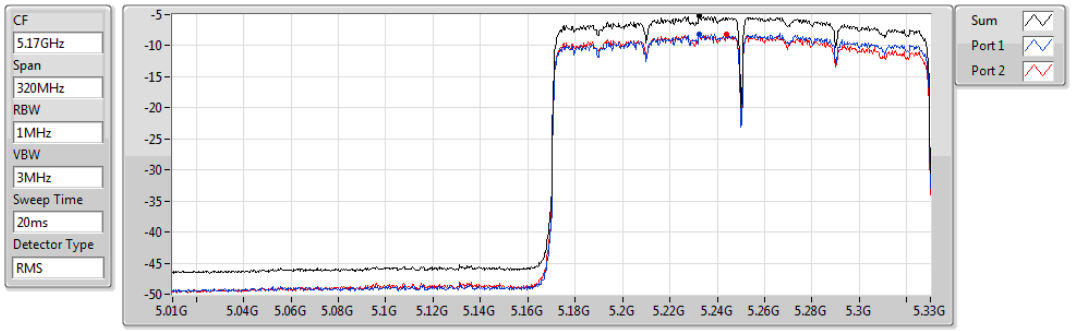
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.70	0.70	-2.42	-1.99

802.11ax HEW160_Nss2,(MCS0)_2TX **PSD**

5250MHz Straddle 5.15-5.25GHz

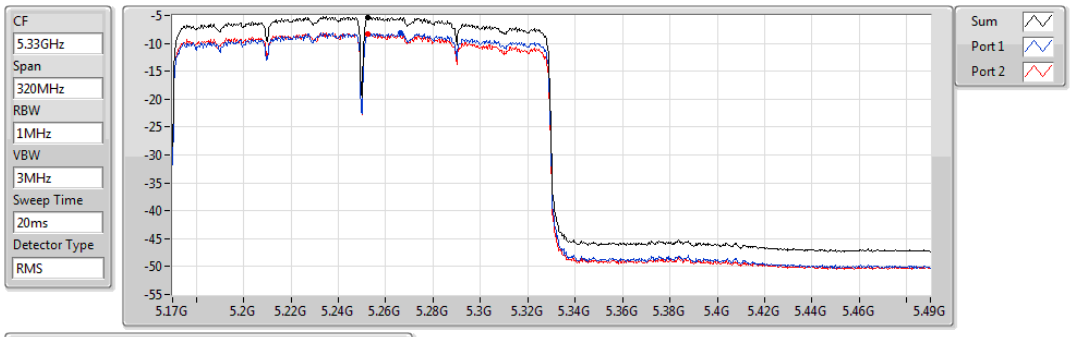


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.25	-5.25	-8.16	-8.18

802.11ax HEW160_Nss2,(MCS0)_2TX **PSD**

5250MHz Straddle 5.25-5.35GHz

06/03/2019

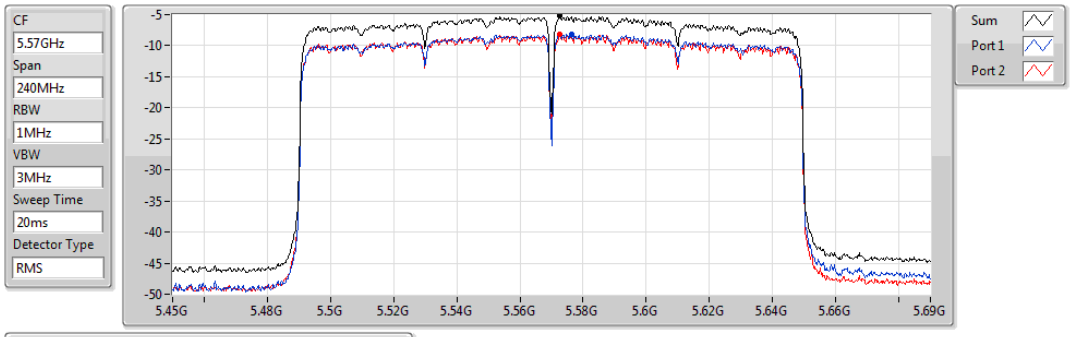


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.35	-5.35	-8.11	-8.26

802.11ax HEW160_Nss2,(MCS0)_2TX **PSD**

5570MHz

06/03/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.26	-5.26	-8.17	-8.09

For Non-beamforming / 4T1S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW160_Nss1,(MCS0)_4TX	-4.85
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_4TX	7.93
802.11ax HEW20_Nss1,(MCS0)_4TX	7.94
802.11ax HEW40_Nss1,(MCS0)_4TX	7.81
802.11ax HEW80_Nss1,(MCS0)_4TX	0.04
802.11ax HEW160_Nss1,(MCS0)_4TX	-4.87
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_4TX	7.93
802.11ax HEW20_Nss1,(MCS0)_4TX	7.95
802.11ax HEW40_Nss1,(MCS0)_4TX	7.88
802.11ax HEW80_Nss1,(MCS0)_4TX	4.65
802.11ax HEW160_Nss1,(MCS0)_4TX	-2.86
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	5.75
802.11ax HEW20_Nss1,(MCS0)_4TX	5.96
802.11ax HEW40_Nss1,(MCS0)_4TX	5.47
802.11ax HEW80_Nss1,(MCS0)_4TX	1.72

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

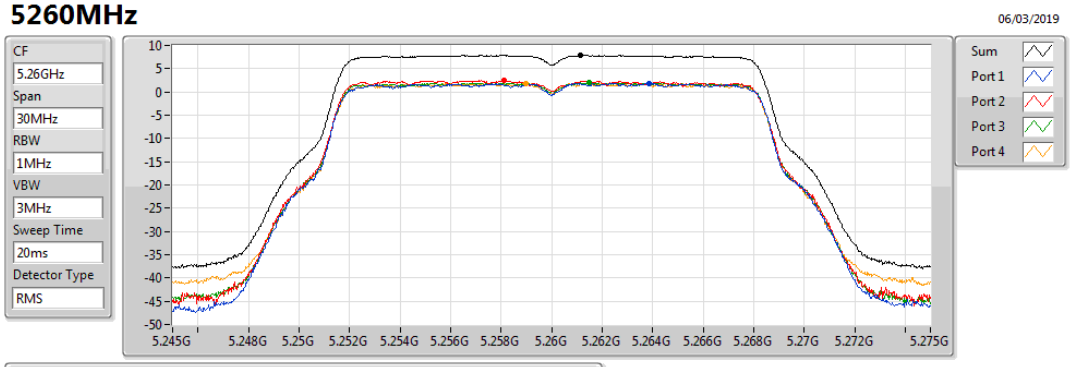
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.02	1.82	2.44	2.03	1.87	7.93	7.98
5300MHz	Pass	9.02	1.89	2.47	1.90	1.77	7.90	7.98
5320MHz	Pass	9.02	2.12	2.04	1.83	1.89	7.86	7.98
5500MHz	Pass	9.02	-0.51	-0.26	0.03	0.81	5.97	7.98
5580MHz	Pass	9.02	1.52	1.44	1.55	2.83	7.80	7.98
5700MHz	Pass	9.02	-0.76	-0.11	0.09	0.83	5.94	7.98
5720MHz Straddle 5.47-5.725GHz	Pass	9.02	1.36	2.14	2.06	2.49	7.93	7.98
5720MHz Straddle 5.725-5.85GHz	Pass	9.02	-0.56	0.00	-0.10	0.04	5.75	26.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.02	1.74	1.96	2.18	1.81	7.87	7.98
5300MHz	Pass	9.02	1.79	2.23	1.57	2.21	7.94	7.98
5320MHz	Pass	9.02	2.11	1.71	1.67	2.39	7.94	7.98
5500MHz	Pass	9.02	0.14	0.34	0.21	1.46	6.50	7.98
5580MHz	Pass	9.02	1.70	1.67	1.83	2.82	7.95	7.98
5700MHz	Pass	9.02	-2.81	-2.53	-2.25	-1.52	3.71	7.98
5720MHz Straddle 5.47-5.725GHz	Pass	9.02	1.54	2.09	1.81	2.37	7.93	7.98
5720MHz Straddle 5.725-5.85GHz	Pass	9.02	-0.38	0.23	-0.15	0.43	5.96	26.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.02	1.88	1.63	2.36	1.65	7.81	7.98
5310MHz	Pass	9.02	-2.18	-1.97	-1.76	-2.56	3.81	7.98
5510MHz	Pass	9.02	-2.67	-2.27	-2.46	-1.33	3.79	7.98
5550MHz	Pass	9.02	1.00	1.78	1.50	2.46	7.66	7.98
5670MHz	Pass	9.02	-1.78	-1.04	-1.34	-0.54	4.74	7.98
5710MHz Straddle 5.47-5.725GHz	Pass	9.02	1.13	2.02	2.03	2.49	7.88	7.98
5710MHz Straddle 5.725-5.85GHz	Pass	9.02	-1.32	-0.28	-0.28	-0.05	5.47	26.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.02	-6.04	-5.83	-5.62	-6.37	0.04	7.98
5530MHz	Pass	9.02	-6.63	-6.67	-6.40	-5.08	-0.24	7.98
5610MHz	Pass	9.02	-3.89	-2.69	-3.13	-2.55	2.91	7.98
5690MHz Straddle 5.47-5.725GHz	Pass	9.02	-1.59	-1.05	-1.47	-0.91	4.65	7.98
5690MHz Straddle 5.725-5.85GHz	Pass	9.02	-4.48	-4.11	-4.44	-3.70	1.72	26.98
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.02	-10.76	-10.67	-10.88	-10.79	-4.85	13.98
5250MHz Straddle 5.25-5.35GHz	Pass	9.02	-10.89	-10.99	-10.67	-10.66	-4.87	7.98
5570MHz	Pass	9.02	-8.89	-9.33	-8.86	-8.34	-2.86	7.98

DG = Directional Gain; **RBW** = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port Xpower density;

802.11a_Nss1,(6Mbps)_4TX **PSD**

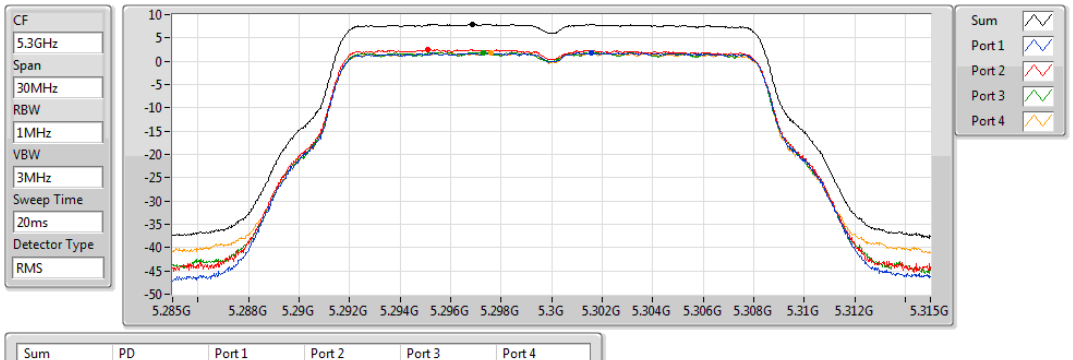
5260MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	1.82	2.44	2.03	1.87

802.11a_Nss1,(6Mbps)_4TX **PSD**

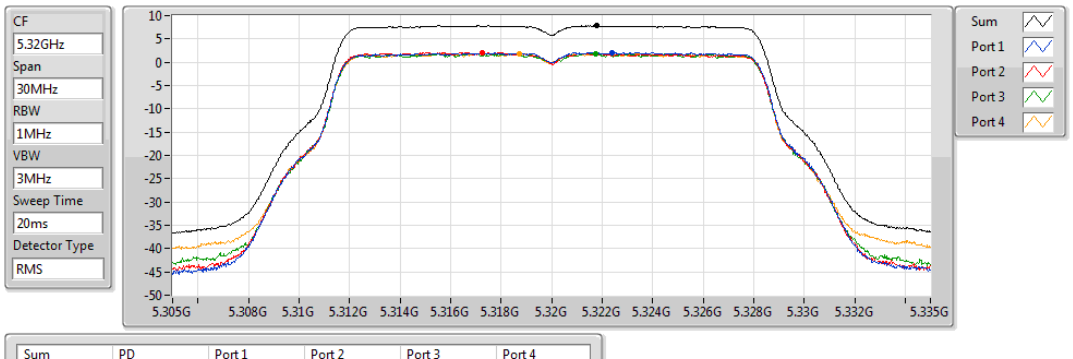
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.90	7.90	1.89	2.47	1.90	1.77

802.11a_Nss1,(6Mbps)_4TX **PSD**

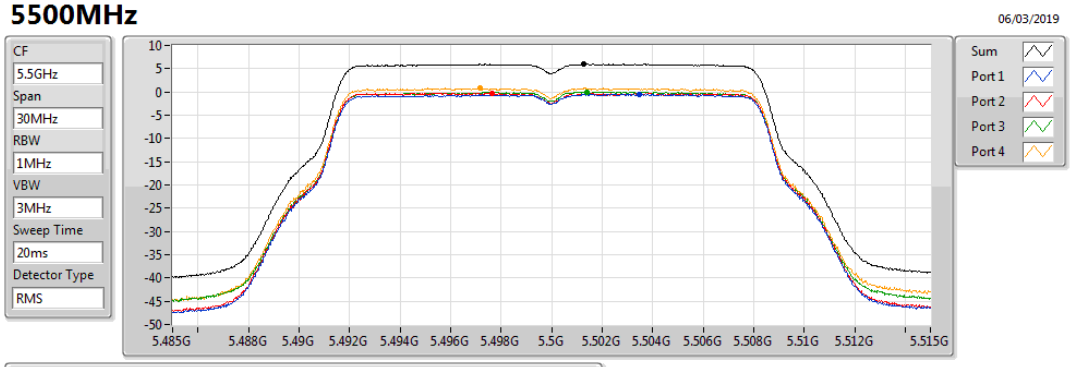
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.86	7.86	2.12	2.04	1.83	1.89

802.11a_Nss1,(6Mbps)_4TX **PSD**

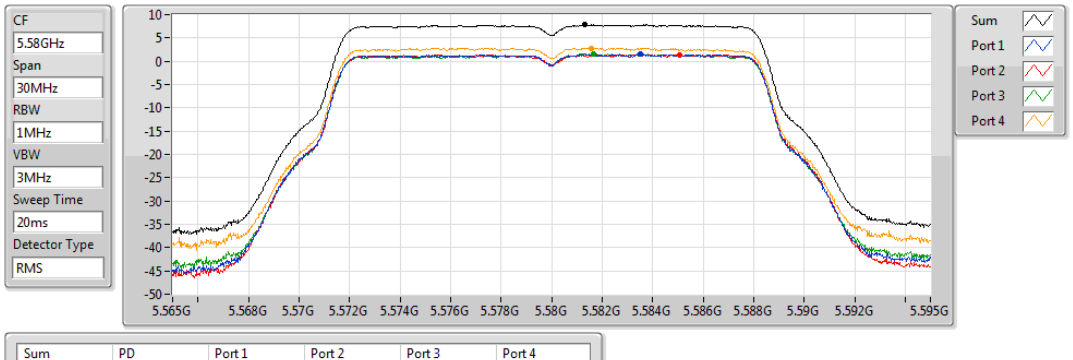
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.97	5.97	-0.51	-0.26	0.03	0.81

802.11a_Nss1,(6Mbps)_4TX **PSD**

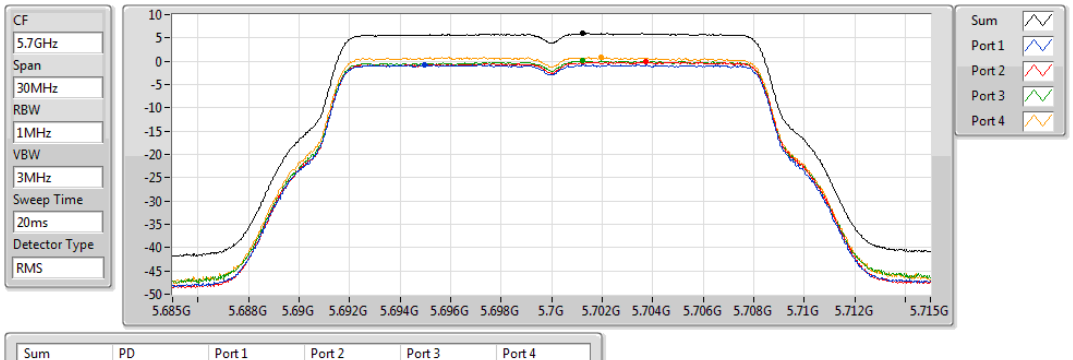
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.80	7.80	1.52	1.44	1.55	2.83

802.11a_Nss1,(6Mbps)_4TX **PSD**

5700MHz

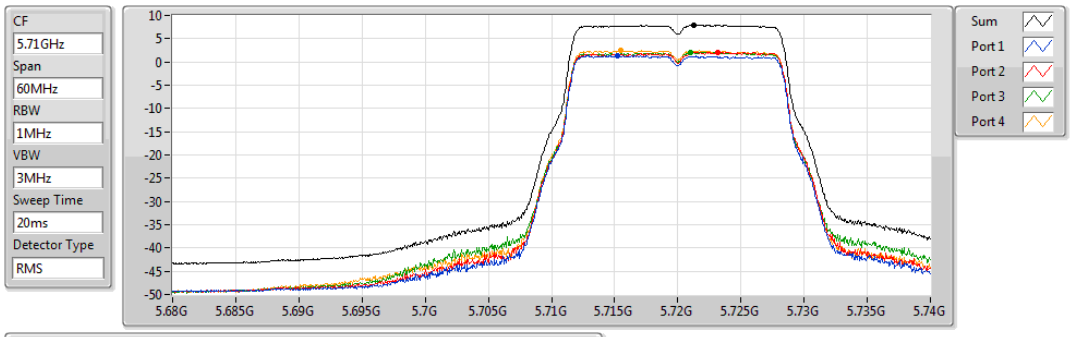


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.94	5.94	-0.76	-0.11	0.09	0.83

802.11a_Nss1,(6Mbps)_4TX **PSD**

5720MHz Straddle 5.47-5.725GHz

07/03/2019

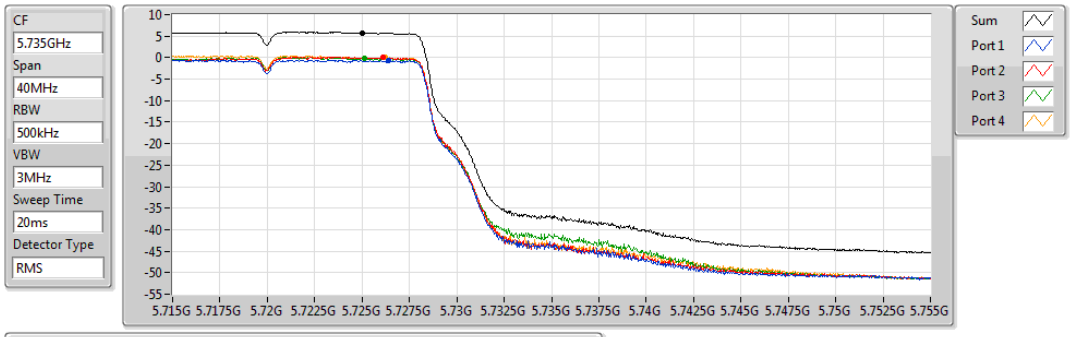


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	1.36	2.14	2.06	2.49

802.11a_Nss1,(6Mbps)_4TX **PSD**

5720MHz Straddle 5.725-5.85GHz

07/03/2019

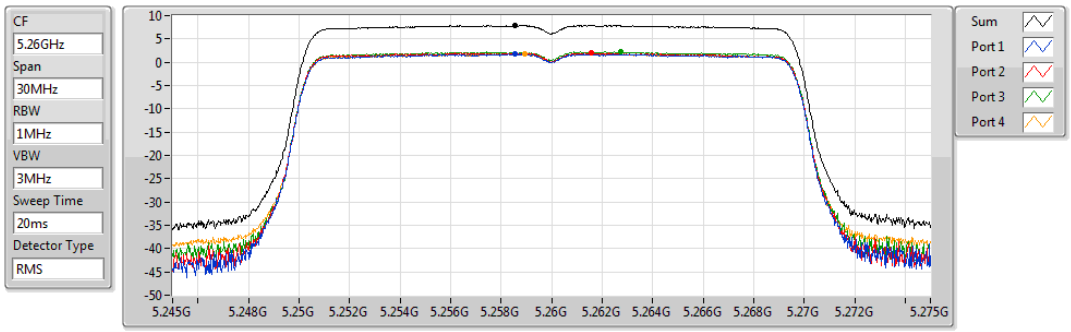


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.75	5.75	-0.56	0.00	-0.10	0.04

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

5260MHz

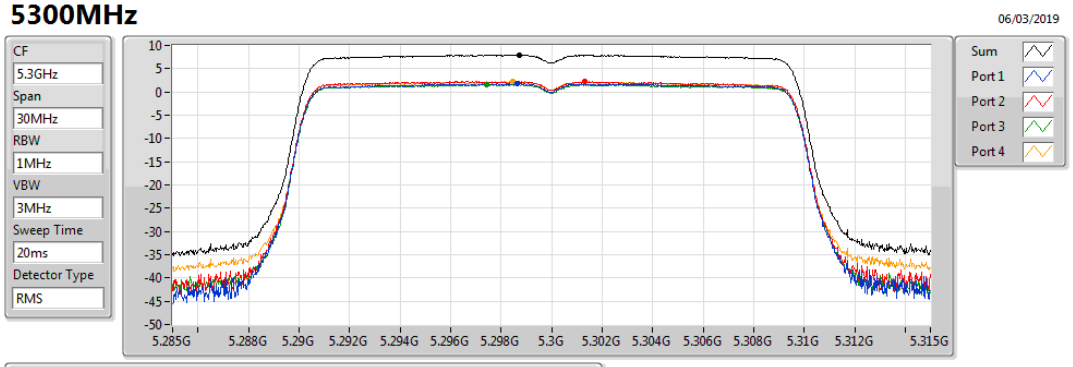
06/03/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.87	7.87	1.74	1.96	2.18	1.81

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

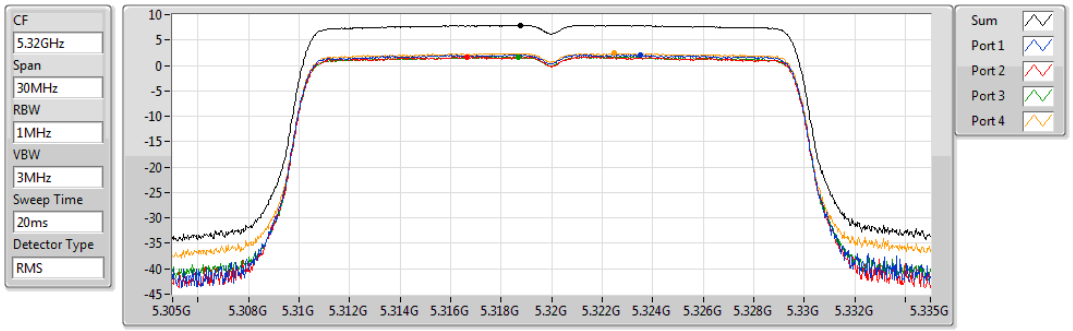
5300MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.94	7.94	1.79	2.23	1.57	2.21

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

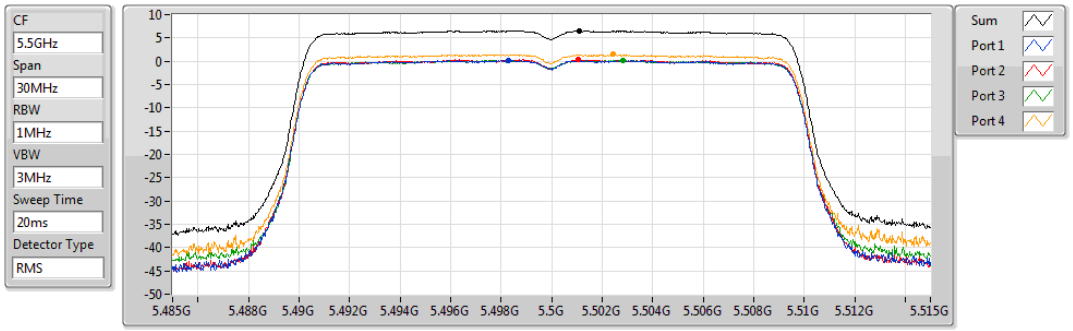
5320MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.94	7.94	2.11	1.71	1.67	2.39

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

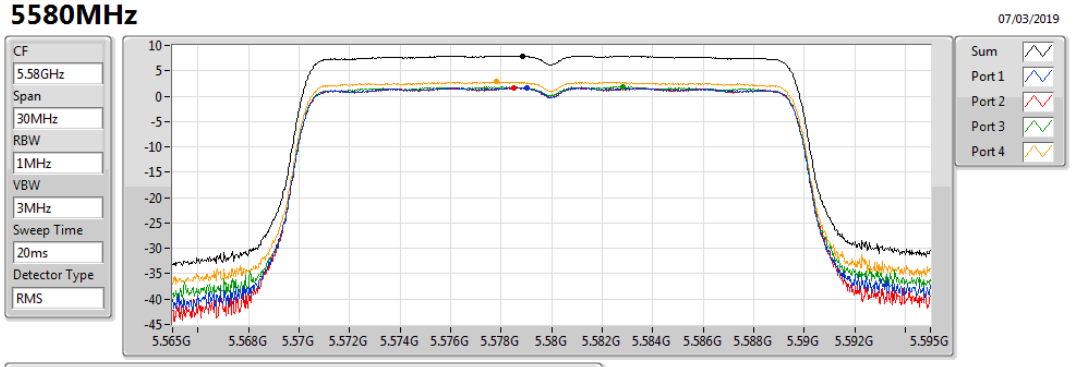
5500MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.50	6.50	0.14	0.34	0.21	1.46

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

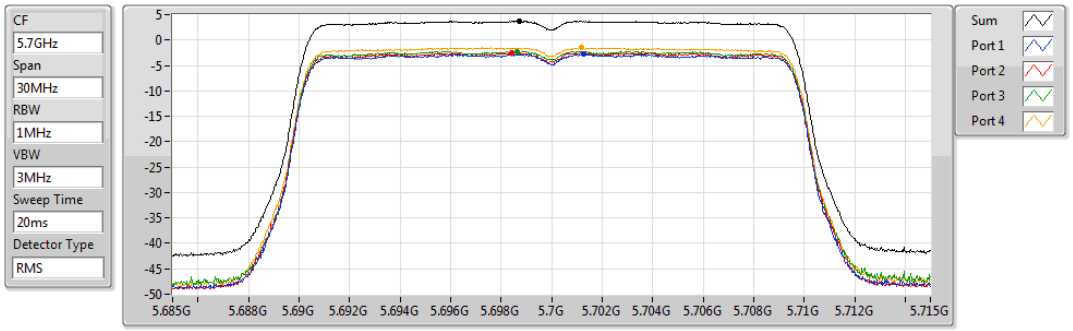
5580MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.95	7.95	1.70	1.67	1.83	2.82

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

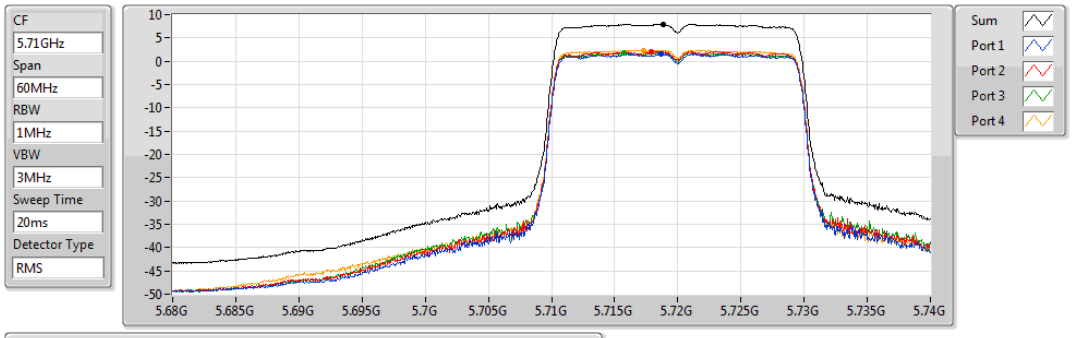
5700MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.71	3.71	-2.81	-2.53	-2.25	-1.52

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

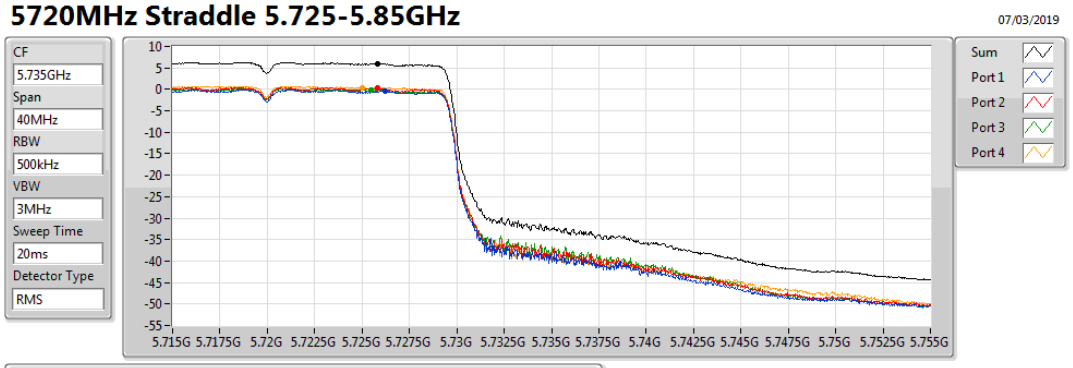
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	1.54	2.09	1.81	2.37

802.11ax HEW20_Nss1,(MCS0)_4TX **PSD**

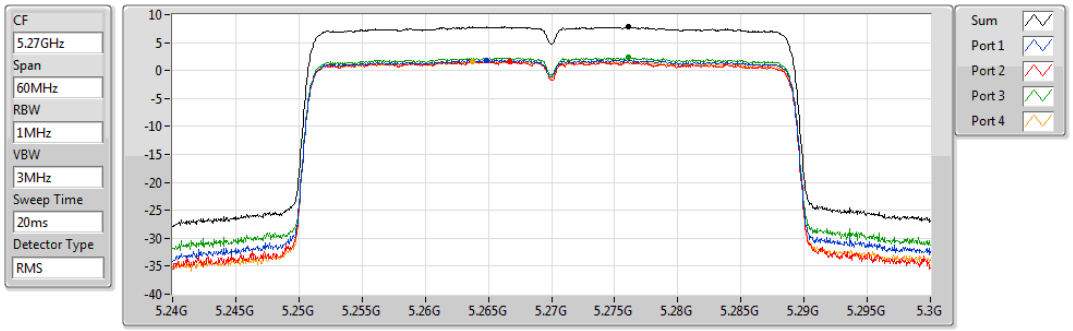
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.96	5.96	-0.38	0.23	-0.15	0.43

802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

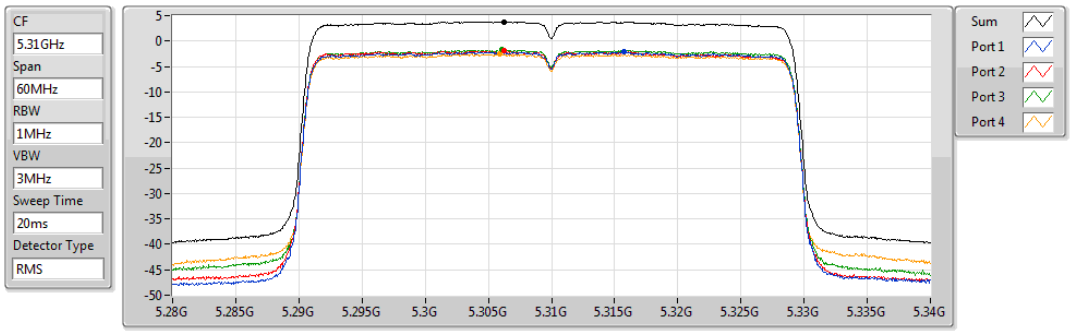
5270MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.81	7.81	1.88	1.63	2.36	1.65

802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

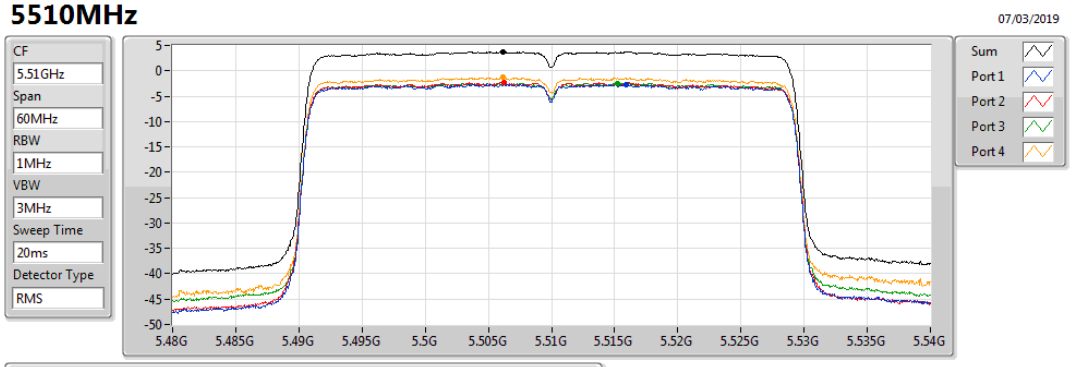
5310MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.81	3.81	-2.18	-1.97	-1.76	-2.56

802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

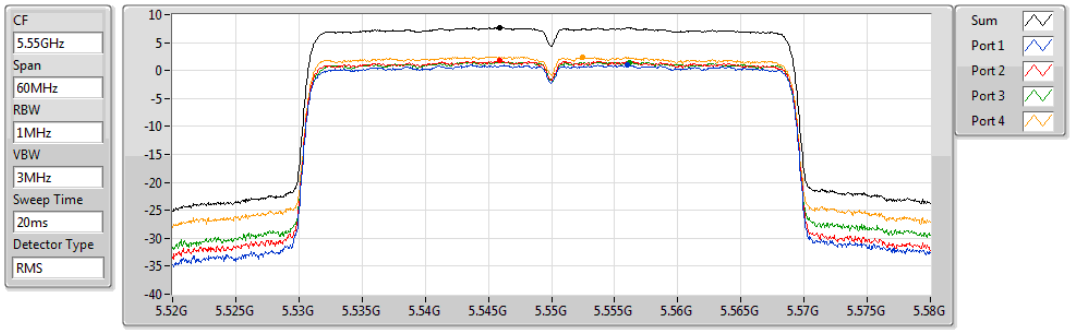
5510MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.79	3.79	-2.67	-2.27	-2.46	-1.33

802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

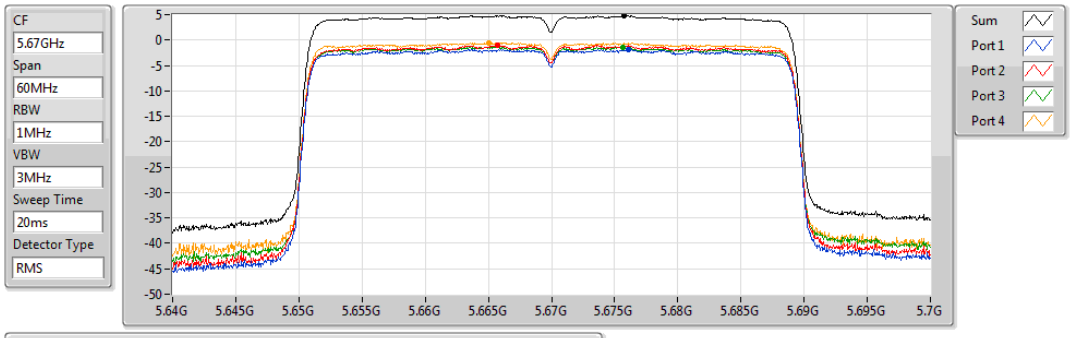
5550MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.66	7.66	1.00	1.78	1.50	2.46

802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

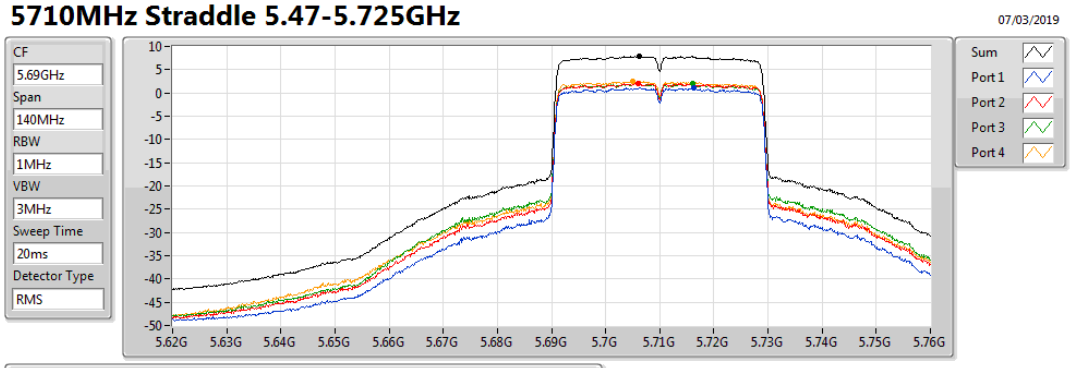
5670MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.74	4.74	-1.78	-1.04	-1.34	-0.54

802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

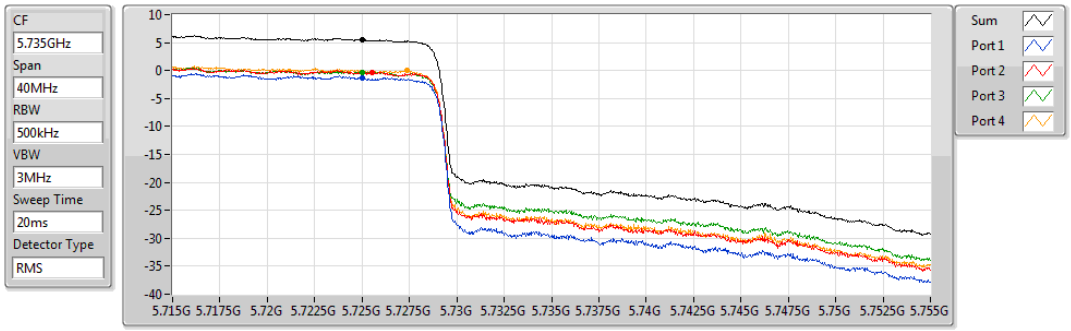
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.88	7.88	1.13	2.02	2.03	2.49

802.11ax HEW40_Nss1,(MCS0)_4TX **PSD**

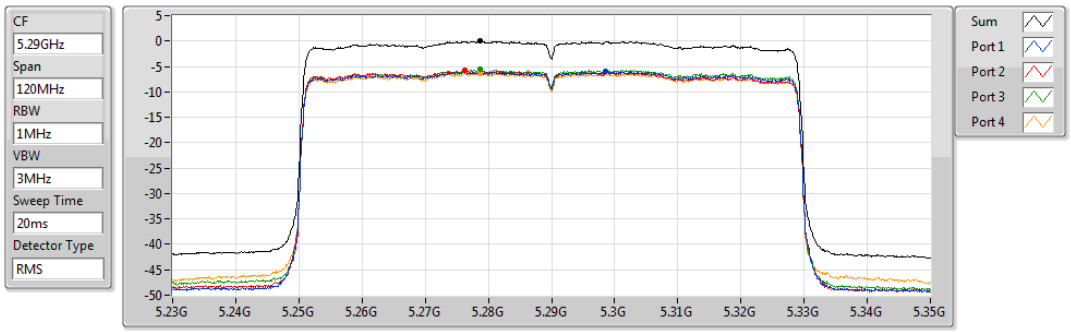
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.47	5.47	-1.32	-0.28	-0.28	-0.05

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

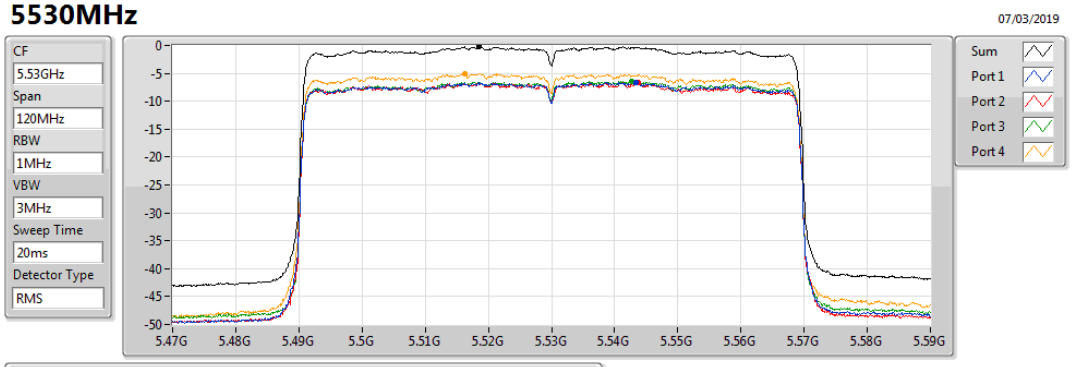
5290MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.04	0.04	-6.04	-5.83	-5.62	-6.37

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

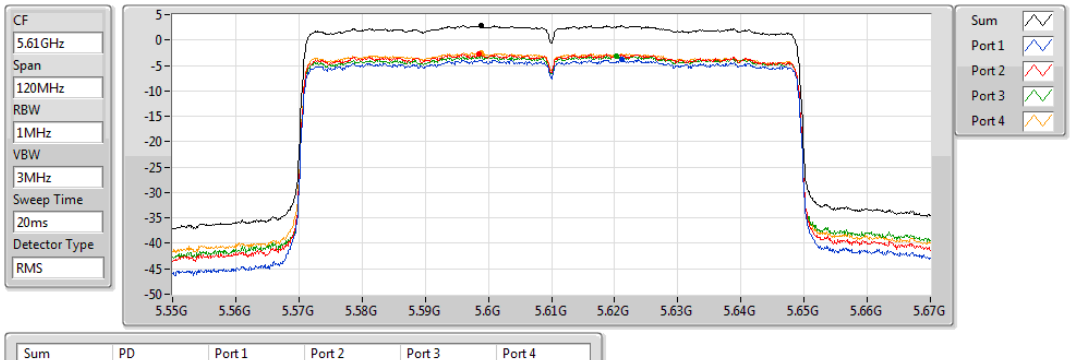
5530MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.24	-0.24	-6.63	-6.67	-6.40	-5.08

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

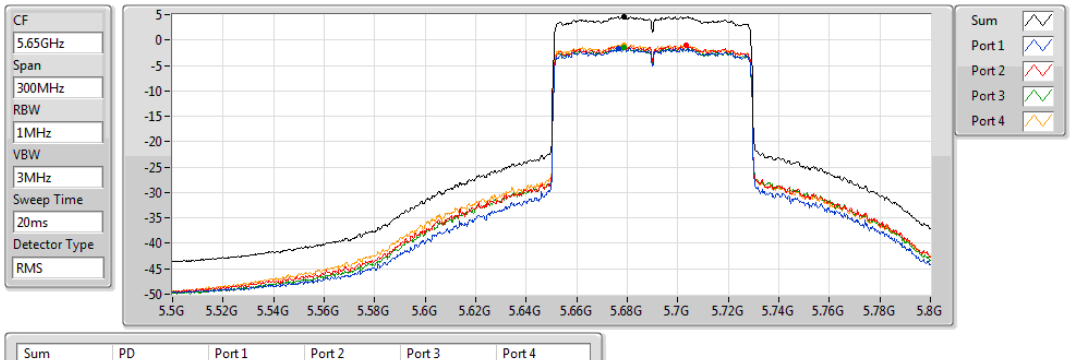
5610MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.91	2.91	-3.89	-2.69	-3.13	-2.55

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

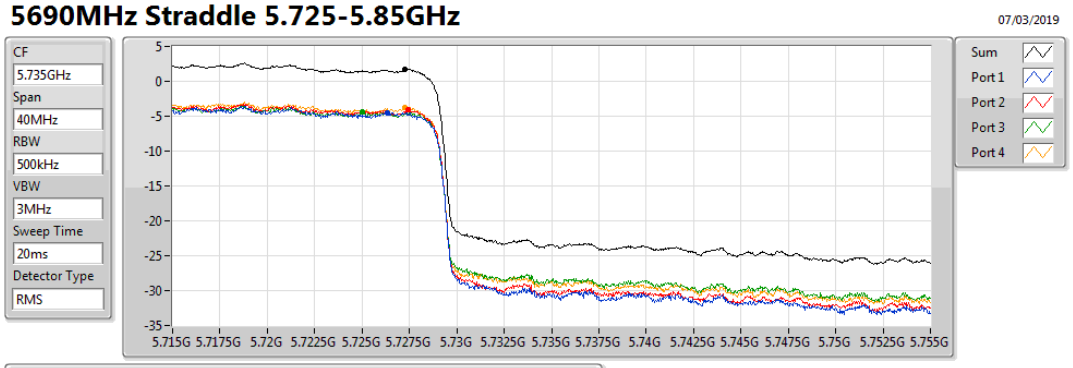
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.65	4.65	-1.59	-1.05	-1.47	-0.91

802.11ax HEW80_Nss1,(MCS0)_4TX **PSD**

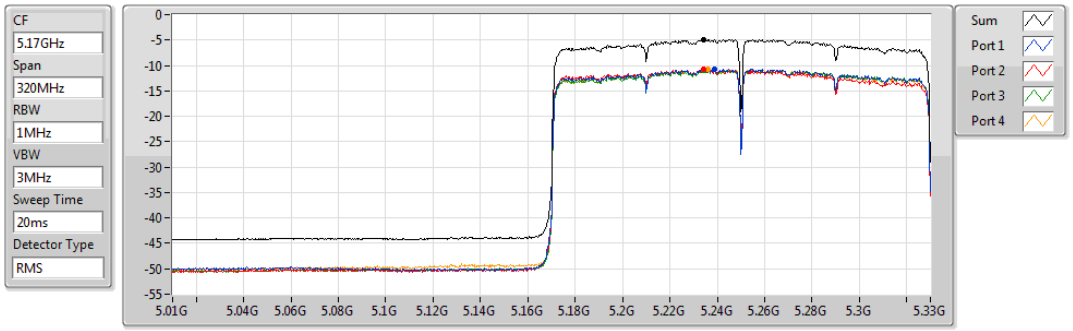
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.72	1.72	-4.48	-4.11	-4.44	-3.70

802.11ax HEW160_Nss1,(MCS0)_4TX **PSD**

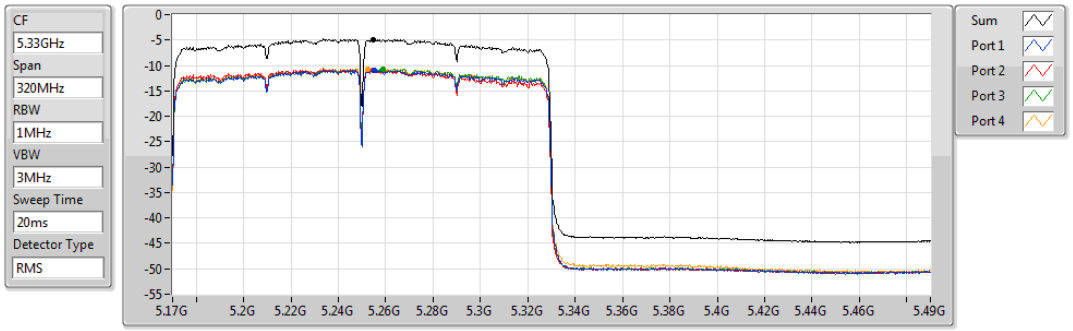
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.85	-4.85	-10.76	-10.67	-10.88	-10.79

802.11ax HEW160_Nss1,(MCS0)_4TX **PSD**

5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.87	-4.87	-10.89	-10.99	-10.67	-10.66