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	15.48	15.13	14.86	15.46	21.26	21.28	15.25
5300MHz	Pass	8.70	15.33	14.95	15.34	15.18	21.22	21.28	15.5
5320MHz	Pass	8.70	15.28	15.26	15.05	15.22	21.22	21.28	15.75
5500MHz	Pass	8.70	14.86	14.82	14.91	15.80	21.14	21.28	14.75
5580MHz	Pass	8.70	14.76	14.71	15.10	15.96	21.18	21.28	14.75
5700MHz	Pass	8.70	13.21	13.43	13.56	14.24	19.65	21.28	12.5
5720MHz Straddle 5.47-5.725GHz	Pass	8.70	13.30	14.14	14.46	14.75	20.22	20.23	14.25
5720MHz Straddle 5.725-5.85GHz	Pass	8.70	7.87	8.76	9.05	9.28	14.79	27.30	14.25
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.70	15.01	15.15	15.75	14.96	21.25	21.28	15.5
5310MHz	Pass	8.70	13.26	13.53	13.52	13.05	19.37	21.28	13.75
5510MHz	Pass	8.70	12.61	12.83	12.94	13.67	19.05	21.28	12.75
5550MHz	Pass	8.70	14.71	14.75	15.01	16.07	21.19	21.28	14.75
5670MHz	Pass	8.70	13.42	13.50	13.45	13.80	19.57	21.28	12.5
5710MHz Straddle 5.47-5.725GHz	Pass	8.70	14.36	15.50	14.95	15.62	21.16	21.28	14
5710MHz Straddle 5.725-5.85GHz	Pass	8.70	4.35	5.62	5.02	5.65	11.21	27.30	14
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.70	12.85	12.46	13.00	12.36	18.70	21.28	13
5530MHz	Pass	8.70	12.76	12.87	12.67	13.94	19.11	21.28	12.75
5610MHz	Pass	8.70	15.12	15.21	14.88	15.72	21.26	21.28	14.5
5690MHz Straddle 5.47-5.725GHz	Pass	8.70	14.74	15.21	15.17	15.66	21.23	21.28	14
5690MHz Straddle 5.725-5.85GHz	Pass	8.70	1.18	1.72	1.59	1.98	7.65	27.30	14
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70	7.98	8.25	7.61	7.76	13.93	27.30	11
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	7.82	7.38	7.86	7.70	13.71	21.28	11
5570MHz	Pass	8.70	12.02	11.75	11.86	12.19	17.98	21.28	11

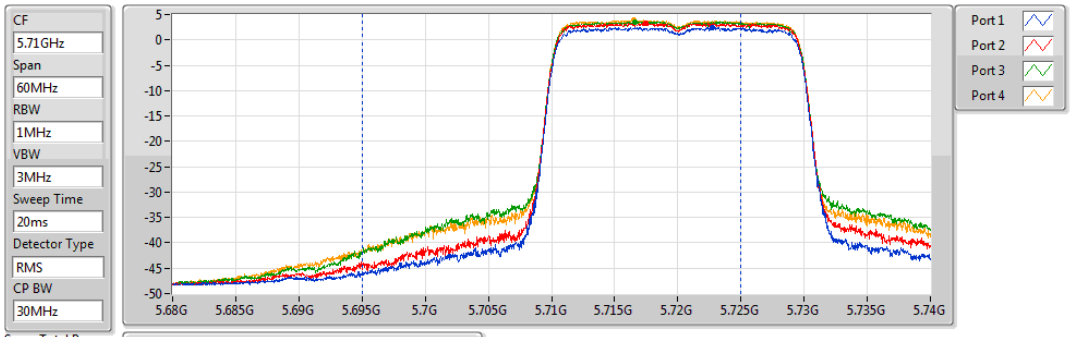
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

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

5720MHz Straddle 5.47-5.725GHz

28/02/2019



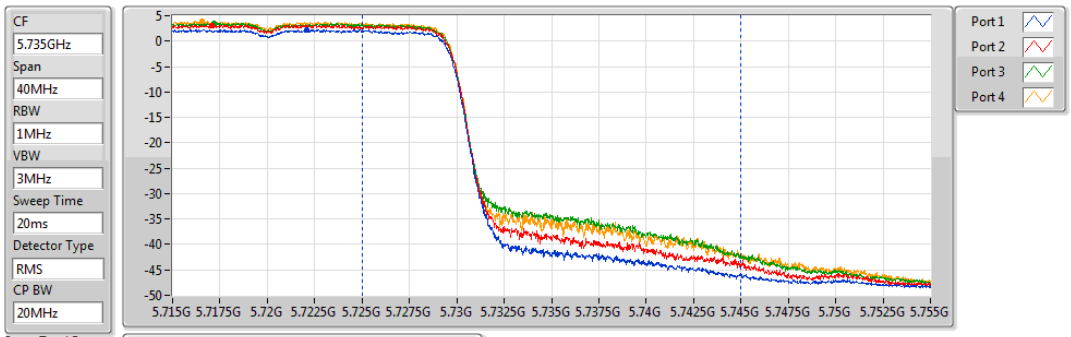
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.22	13.30	14.14	14.46	14.75

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

5720MHz Straddle 5.725-5.85GHz

28/02/2019



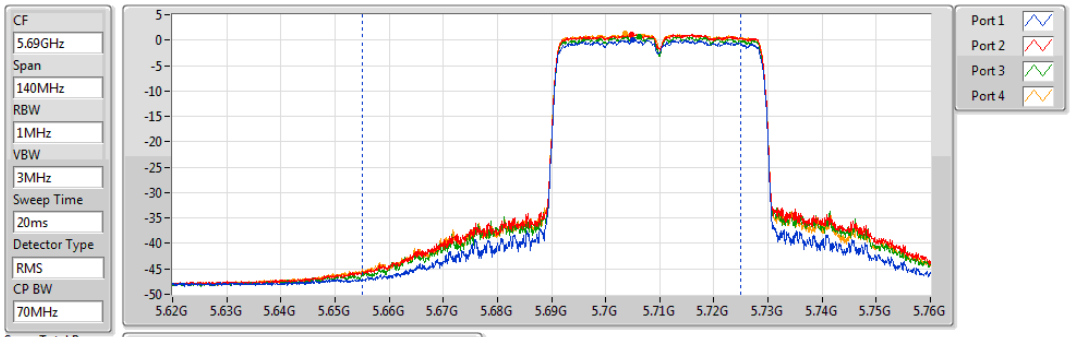
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.79	7.87	8.76	9.05	9.28

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

5710MHz Straddle 5.47-5.725GHz

28/02/2019



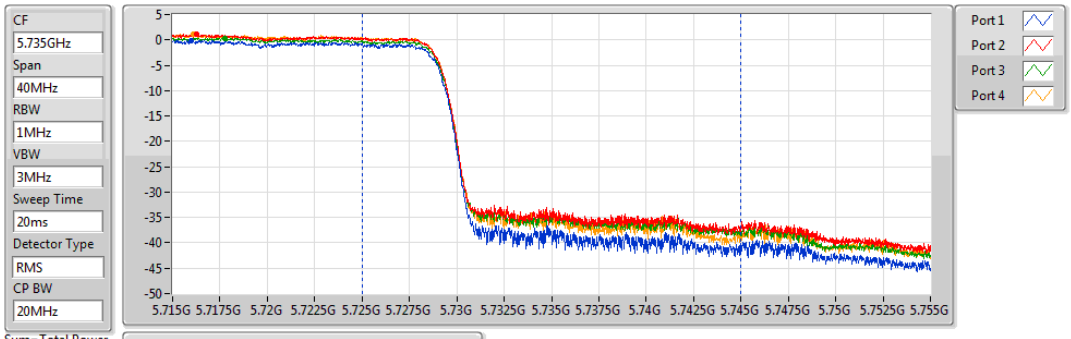
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.16	14.36	15.50	14.95	15.62

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

5710MHz Straddle 5.725-5.85GHz

28/02/2019



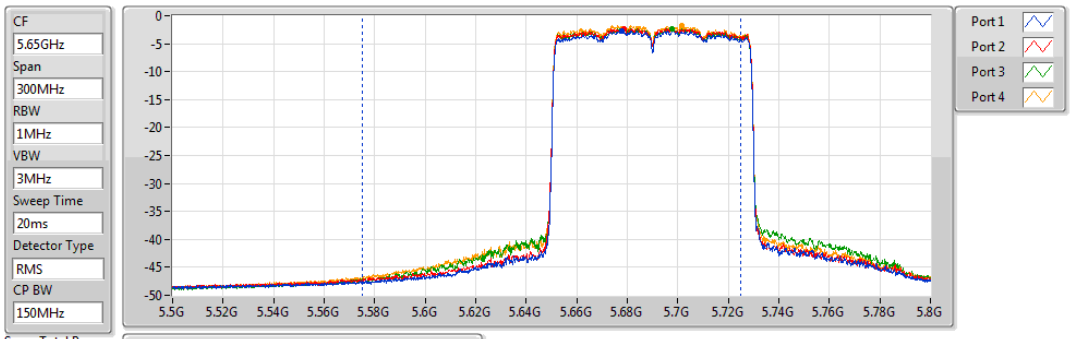
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.21	4.35	5.62	5.02	5.65

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

5690MHz Straddle 5.47-5.725GHz

28/02/2019



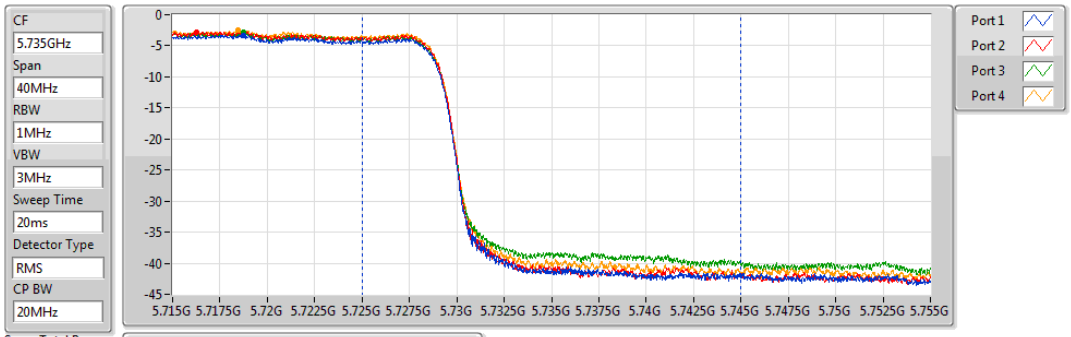
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
21.23	14.74	15.21	15.17	15.66

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

5690MHz Straddle 5.725-5.85GHz

28/02/2019



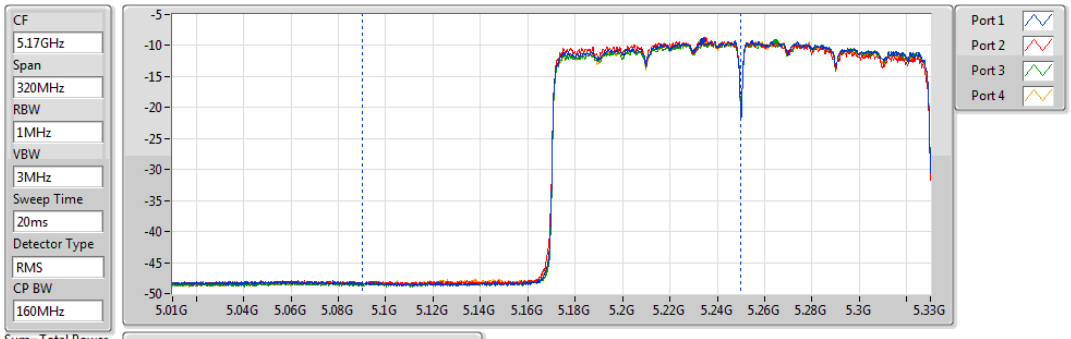
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.65	1.18	1.72	1.59	1.98

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

5250MHz Straddle 5.15-5.25GHz

28/02/2019



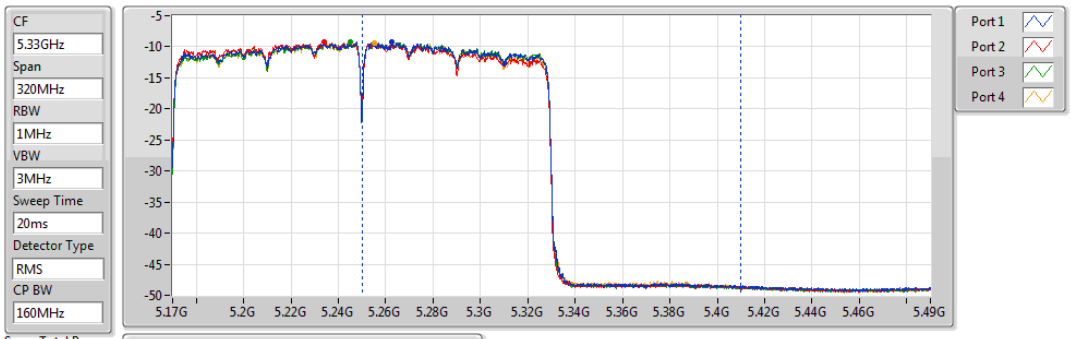
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.93	7.98	8.25	7.61	7.76

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

5250MHz Straddle 5.25-5.35GHz

28/02/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.71	7.82	7.38	7.86	7.70

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	11.70	0.01479	14.70/16.96	0.02951
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	12.18	0.01652	15.18	0.03296

Result

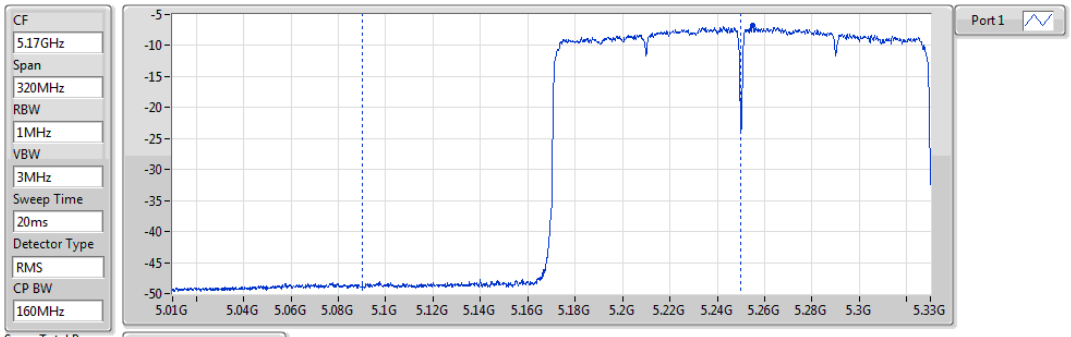
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00/5.26	11.70	11.70	30.00	14.70/16.96	36.00/21.00	14.75
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	12.18	12.18	23.98	15.18	Inf	14.75

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

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

5250MHz Straddle 5.15-5.25GHz

06/03/2019



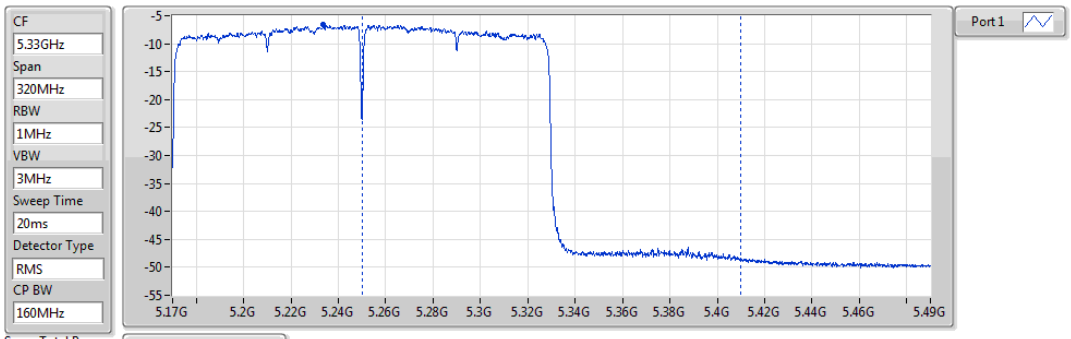
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
11.70	11.70

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

5250MHz Straddle 5.25-5.35GHz

06/03/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
12.18	12.18

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	13.61	0.02296	16.61/18.87	0.04581
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	13.32	0.02148	16.32	0.04285

Result

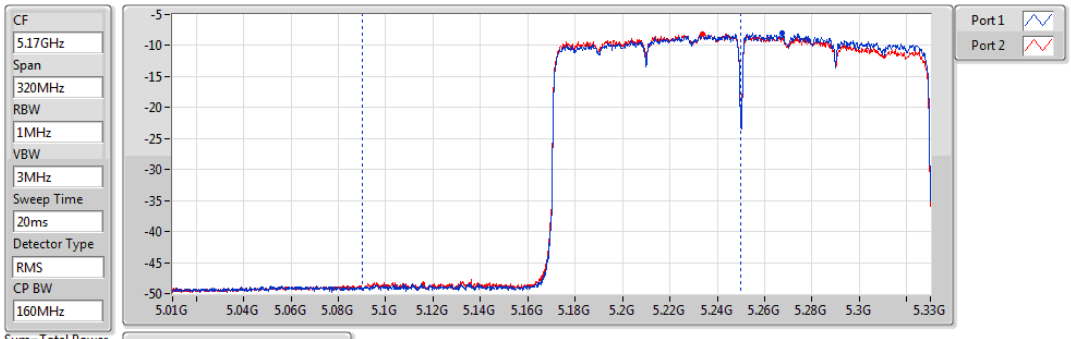
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00/5.26	10.48	10.72	13.61	30.00	16.61/18.87	36.00/21.00	13.75
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	10.63	9.96	13.32	23.98	16.32	Inf	13.75

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

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

5250MHz Straddle 5.15-5.25GHz

06/03/2019



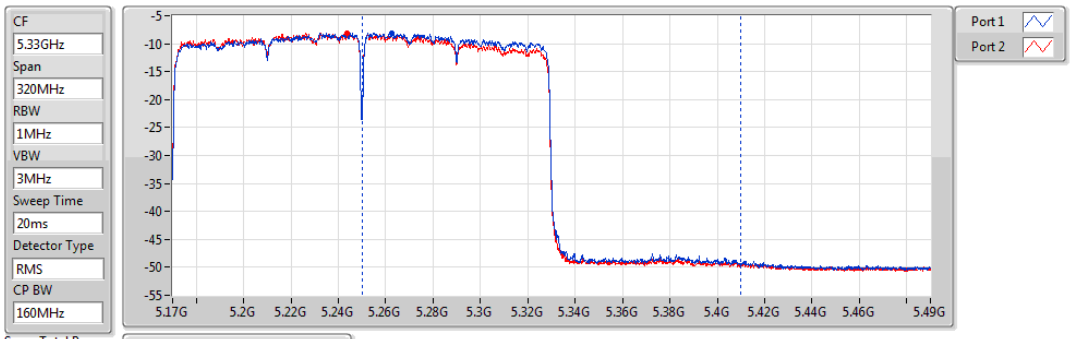
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
13.61	10.48	10.72

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

5250MHz Straddle 5.25-5.35GHz

06/03/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
13.32	10.63	9.96

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	14.11	0.02576	17.11/19.37	0.05140
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	14.25	0.02661	17.25	0.05309

Result

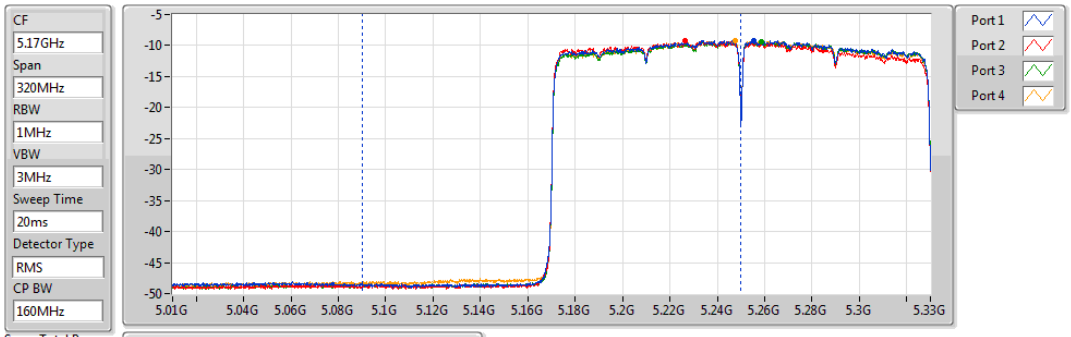
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00/5.26	8.16	8.27	7.88	8.05	14.11	30.00	17.11/19.37	36.00/21.00	11.25
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	8.16	8.10	8.46	8.18	14.25	23.98	17.25	Inf	11.25

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

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

5250MHz Straddle 5.15-5.25GHz

07/03/2019



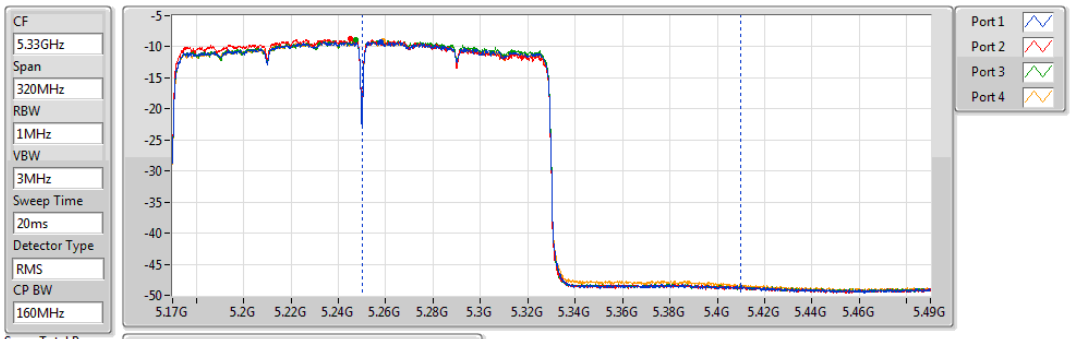
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.11	8.16	8.27	7.88	8.05

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

5250MHz Straddle 5.25-5.35GHz

07/03/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.25	8.16	8.10	8.46	8.18

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	9.70	0.00933	18.72/20.98	0.07447
5.25-5.35GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	9.50	0.00891	18.52	0.07112

Result

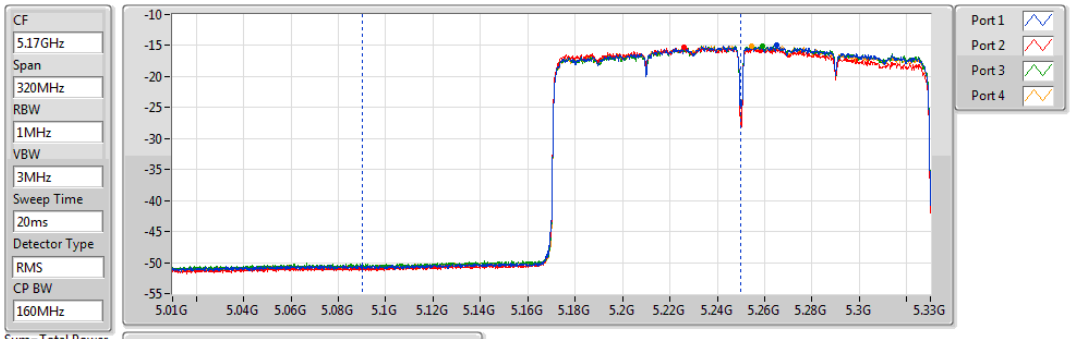
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.02/11.28	3.64	3.79	3.56	3.71	9.70	26.98	18.72/20.98	36.00/21.00	7
5250MHz Straddle 5.25-5.35GHz	Pass	9.02	3.53	3.05	3.73	3.56	9.50	20.96	18.52	Inf	7

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

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

5250MHz Straddle 5.15-5.25GHz

14/05/2019

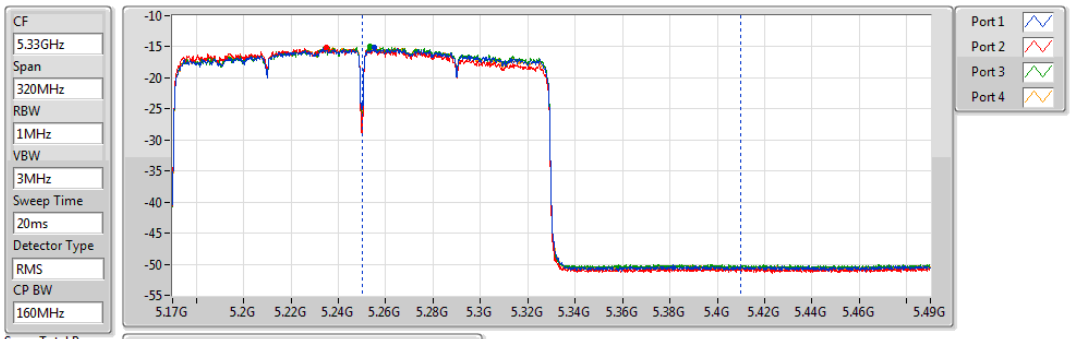


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.70	3.64	3.79	3.56	3.71

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

5250MHz Straddle 5.25-5.35GHz

14/05/2019



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.50	3.53	3.05	3.73	3.56

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	14.83	0.03041	17.83/20.09	0.06067
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	14.81	0.03027	17.81	0.06039

Result

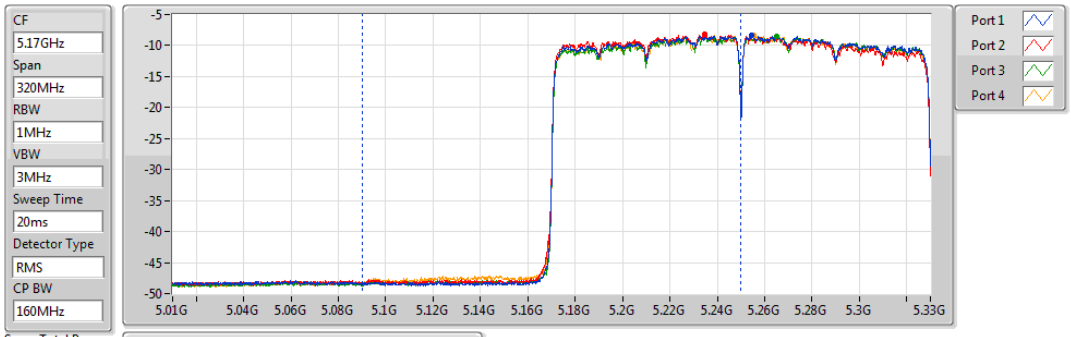
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00/5.26	8.83	9.11	8.55	8.72	14.83	30.00	17.83/20.09	36.00/21.00	12
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	8.90	8.38	8.93	8.92	14.81	23.98	17.81	Inf	12

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

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

5250MHz Straddle 5.15-5.25GHz

07/03/2019



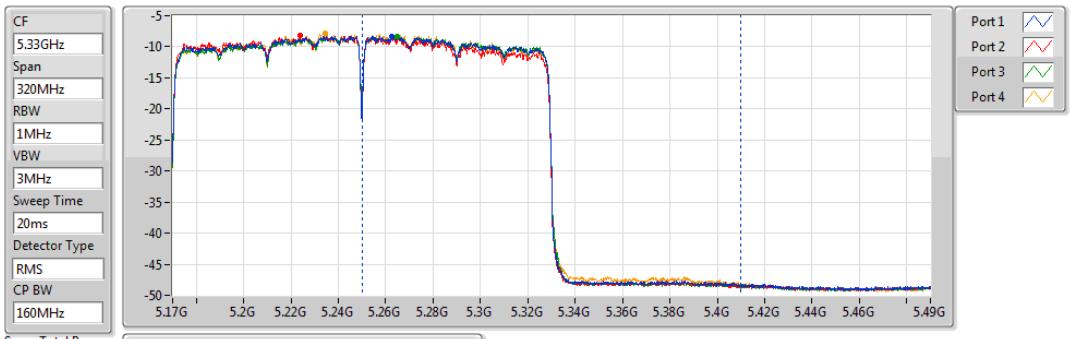
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.83	8.83	9.11	8.55	8.72

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

5250MHz Straddle 5.25-5.35GHz

07/03/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.81	8.90	8.38	8.93	8.92

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	10.85	0.01216	16.85/4.80	0.04842
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	11.11	0.01291	17.11	0.05140

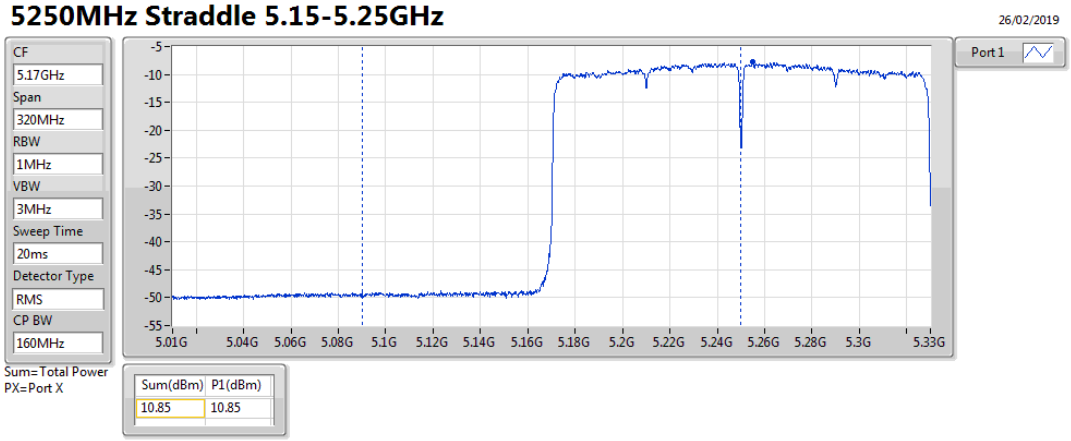
Result

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	6.00/-6.05	10.85	10.85	30.00	16.85/4.80	36.00/21.00	14.25
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	11.11	11.11	23.98	17.11	Inf	14.25

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

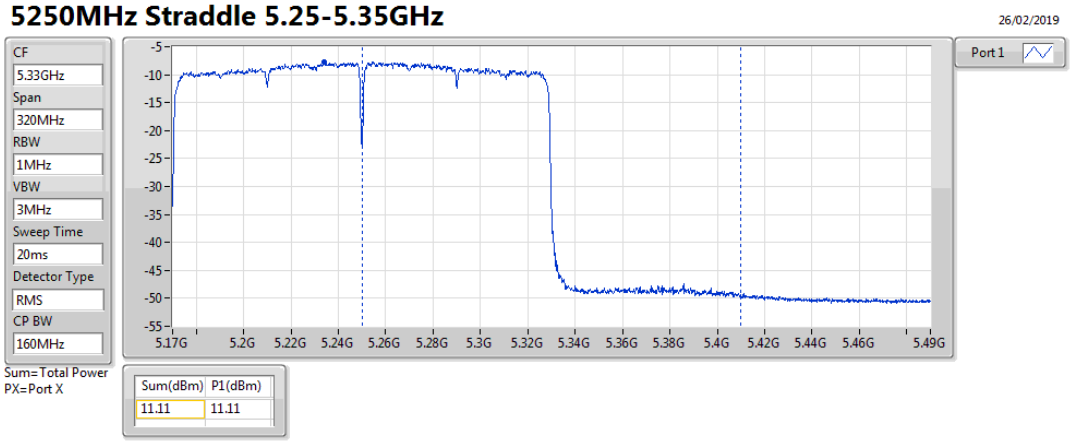
802.11ax HEW160_Nss1,(MCS0)_1TX **AV Power**

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	12.48	0.01770	18.48/6.43	0.07047
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	12.29	0.01694	18.29	0.06745

Result

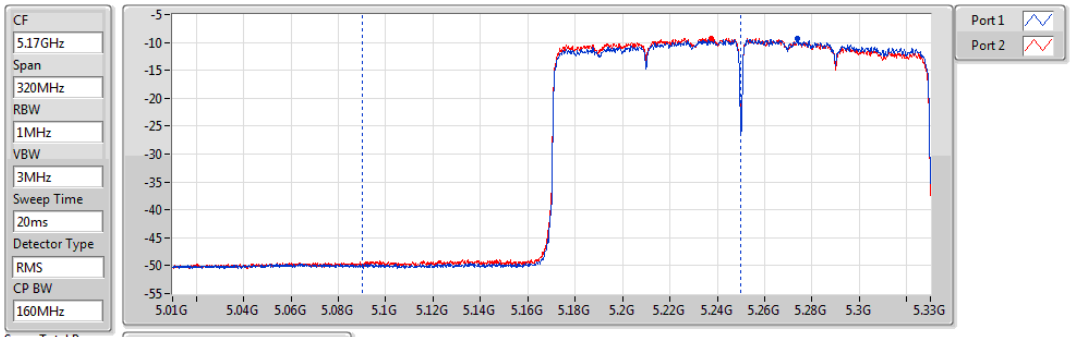
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00/-6.05	9.21	9.71	12.48	30.00	18.48/6.43	36.00/21.00	12.5
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	9.42	9.14	12.29	23.98	18.29	Inf	12.5

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

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

5250MHz Straddle 5.15-5.25GHz

26/02/2019



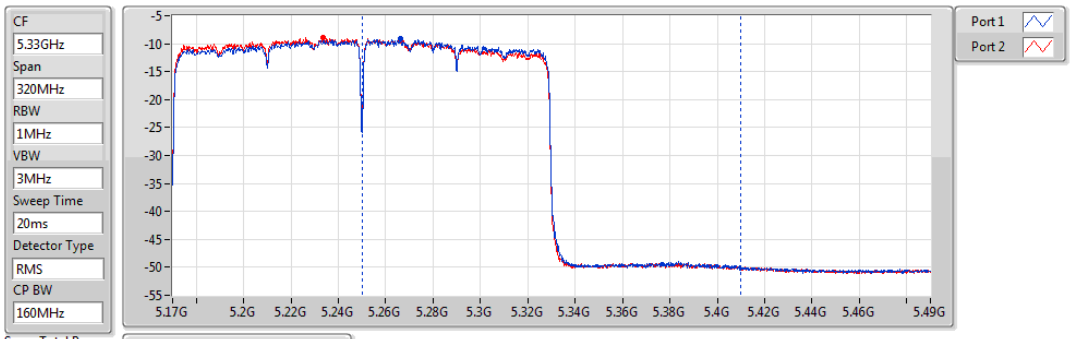
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
12.48	9.21	9.71

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

5250MHz Straddle 5.25-5.35GHz

26/02/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
12.29	9.42	9.14

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	12.94	0.01968	18.94/6.89	0.07834
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	12.83	0.01919	18.83	0.07638

Result

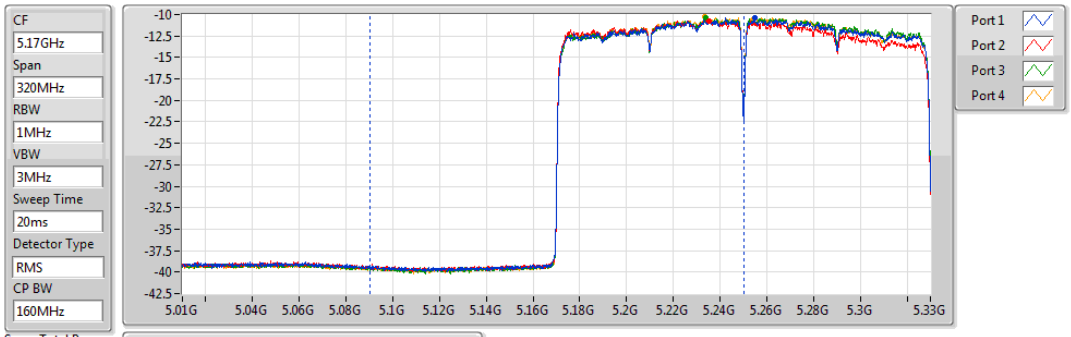
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00/-6.05	6.82	6.95	6.89	7.03	12.94	30.00	18.94/6.89	36.00/21.00	10.25
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	6.95	6.23	7.01	6.99	12.83	23.98	18.83	Inf	10.25

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

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

5250MHz Straddle 5.15-5.25GHz

27/02/2019



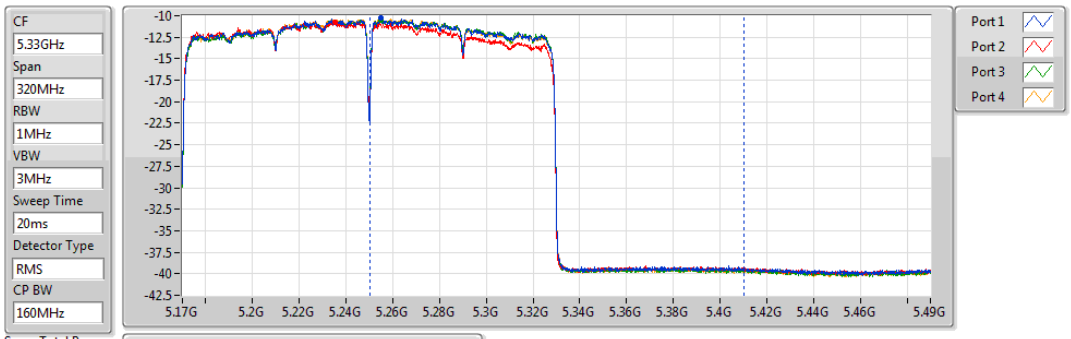
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.94	6.82	6.95	6.89	7.03

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

5250MHz Straddle 5.25-5.35GHz

27/02/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.83	6.95	6.23	7.01	6.99

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	13.55	0.02265	25.57/13.52	0.36058
5.25-5.35GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	13.50	0.02239	25.52	0.35645

Result

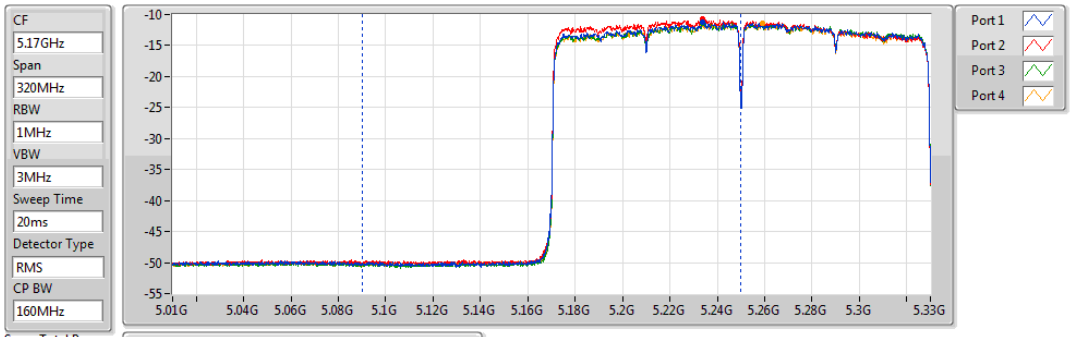
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	12.02/-0.03	7.42	8.19	7.23	7.21	13.55	23.98	25.57/13.52	36.00/21.00	9.25
5250MHz Straddle 5.25-5.35GHz	Pass	12.02	7.37	7.39	7.73	7.42	13.50	17.96	25.52	Inf	9.25

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

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

5250MHz Straddle 5.15-5.25GHz

28/02/2019

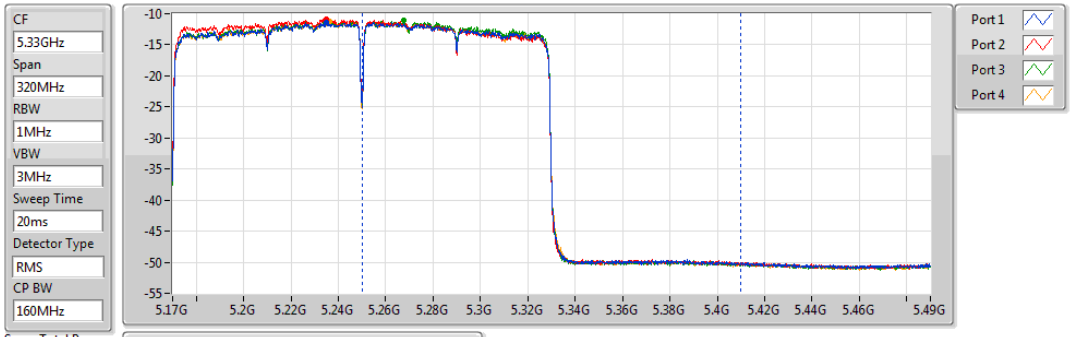


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.55	7.42	8.19	7.23	7.21

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

5250MHz Straddle 5.25-5.35GHz

28/02/2019



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.50	7.37	7.39	7.73	7.42

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	13.18	0.02080	19.18/7.13	0.08279
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	13.06	0.02023	19.06	0.08054

Result

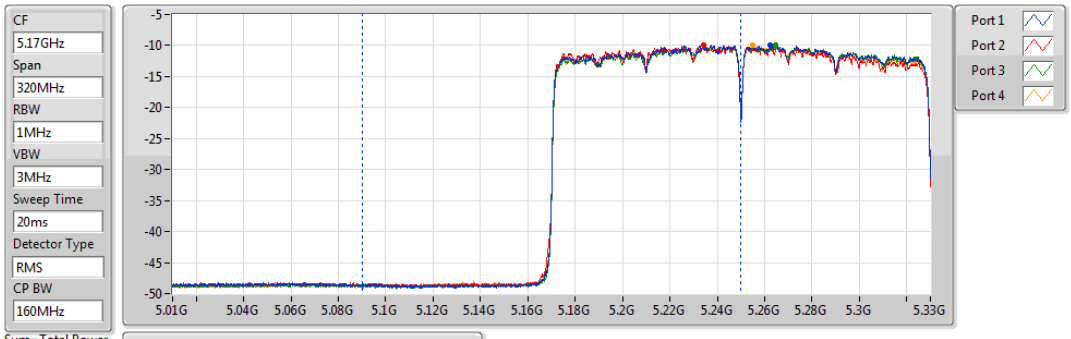
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00/-6.05	7.21	7.35	6.95	7.11	13.18	30.00	19.18/7.13	36.00/21.00	10.5
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	7.19	6.78	7.10	7.09	13.06	23.98	19.06	Inf	10.5

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

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

5250MHz Straddle 5.15-5.25GHz

27/02/2019



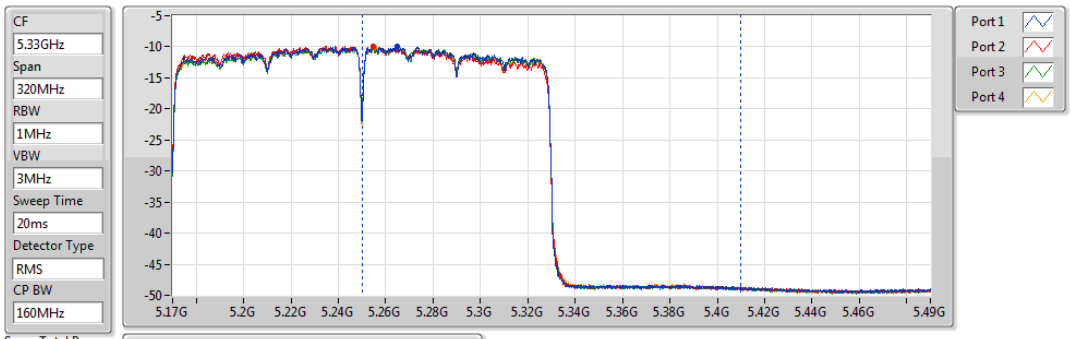
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.18	7.21	7.35	6.95	7.11

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

5250MHz Straddle 5.25-5.35GHz

27/02/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.06	7.19	6.78	7.10	7.09

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	10.85	0.01216	19.55/18.75	0.09016
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	11.11	0.01291	19.81	0.09572

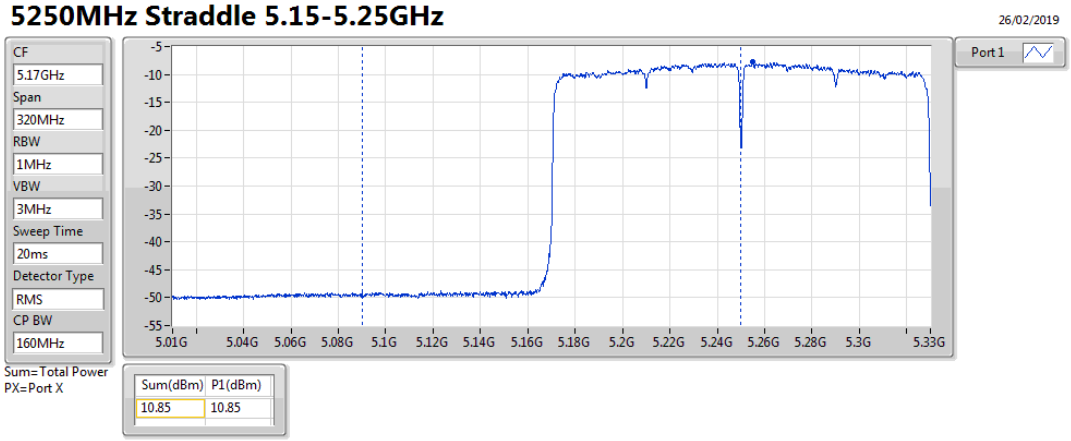
Result

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	10.85	10.85	27.30	19.55/18.75	36.00/21.00	14.25
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	11.11	11.11	21.28	19.81	Inf	14.25

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

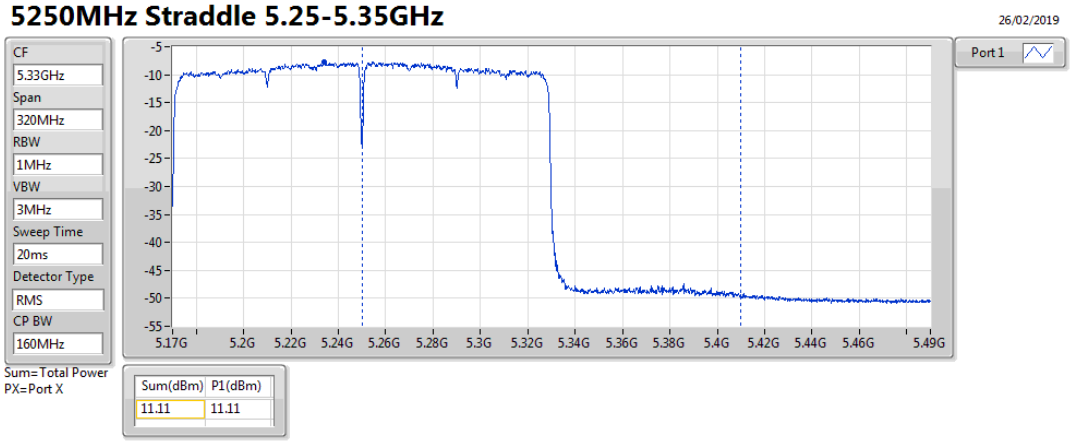
802.11ax HEW160_Nss1,(MCS0)_1TX **AV Power**

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	13.09	0.02037	21.79/20.99	0.15101
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	12.91	0.01954	21.61	0.14488

Result

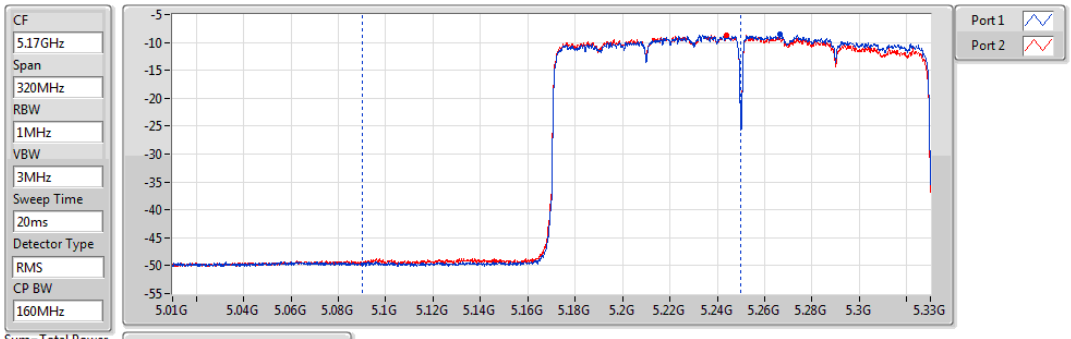
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70/7.90	9.99	10.16	13.09	27.30	21.79/20.99	36.00/21.00	13.25
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	10.22	9.56	12.91	21.28	21.61	Inf	13.25

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

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

5250MHz Straddle 5.15-5.25GHz

28/02/2019



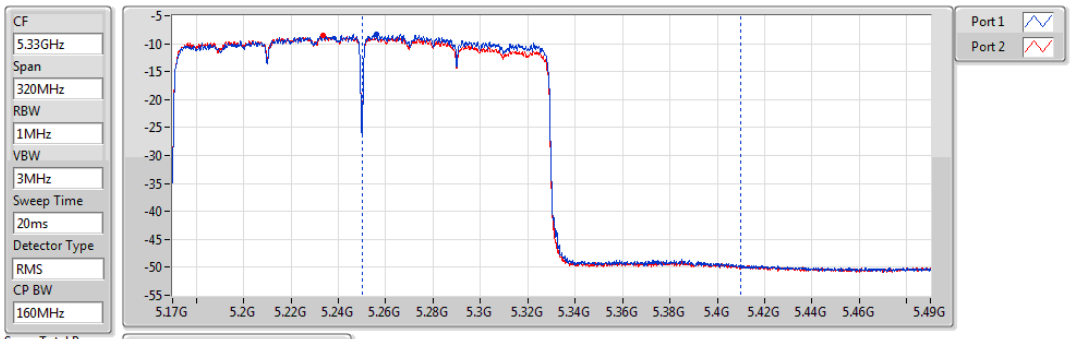
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
13.09	9.99	10.16

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

5250MHz Straddle 5.25-5.35GHz

28/02/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
12.91	10.22	9.56

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	12.94	0.01968	21.64/20.84	0.14588
5.25-5.35GHz				
802.11ax HEW160_Nss1,(MCS0)_4TX	12.83	0.01919	21.53	0.14223

Result

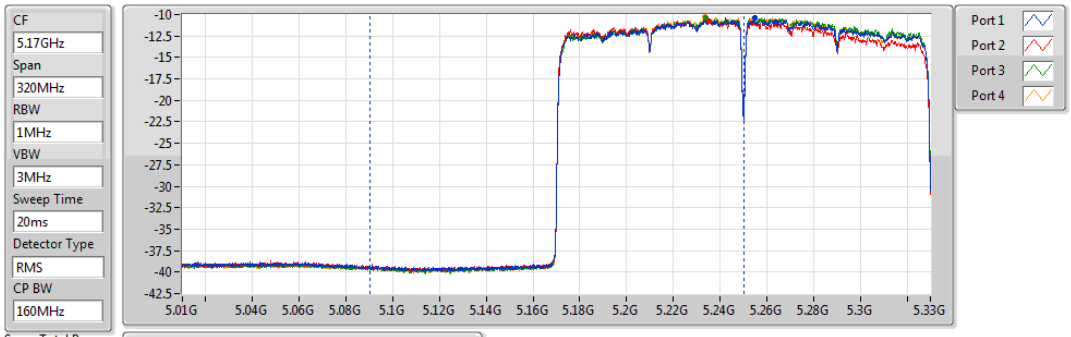
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss1,(MCS0_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70/7.90	6.82	6.95	6.89	7.03	12.94	27.30	21.64/20.84	36.00/21.00	10.25
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	6.95	6.23	7.01	6.99	12.83	21.28	21.53	Inf	10.25

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

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

5250MHz Straddle 5.15-5.25GHz

27/02/2019



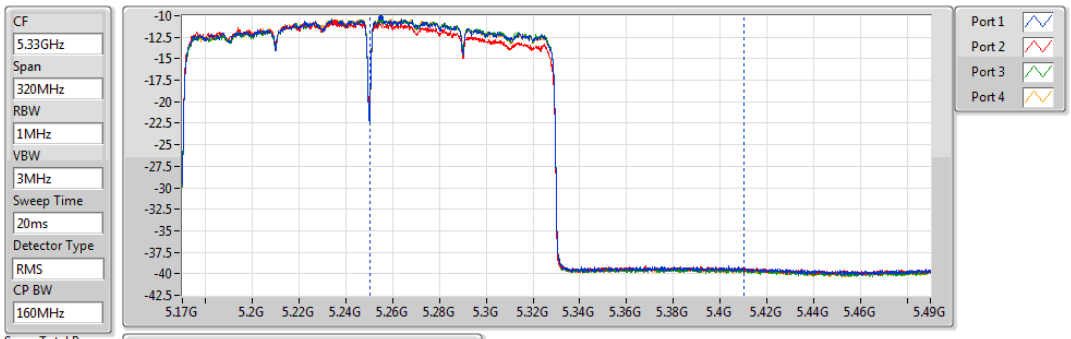
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.94	6.82	6.95	6.89	7.03

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

5250MHz Straddle 5.25-5.35GHz

27/02/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.83	6.95	6.23	7.01	6.99

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	7.04	0.00506	21.76/20.96	0.14997
5.25-5.35GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	6.96	0.00497	21.68	0.14723

Result

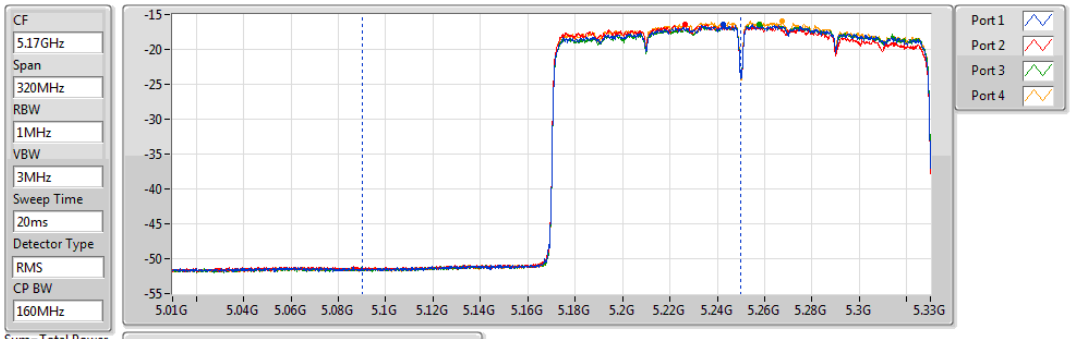
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.72/13.92	0.83	1.17	0.71	1.33	7.04	21.28	21.76/20.96	36.00/21.00	3
5250MHz Straddle 5.25-5.35GHz	Pass	14.72	0.95	0.49	1.05	1.25	6.96	15.26	21.68	Inf	3

DG = Directional Gain; **Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix C.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

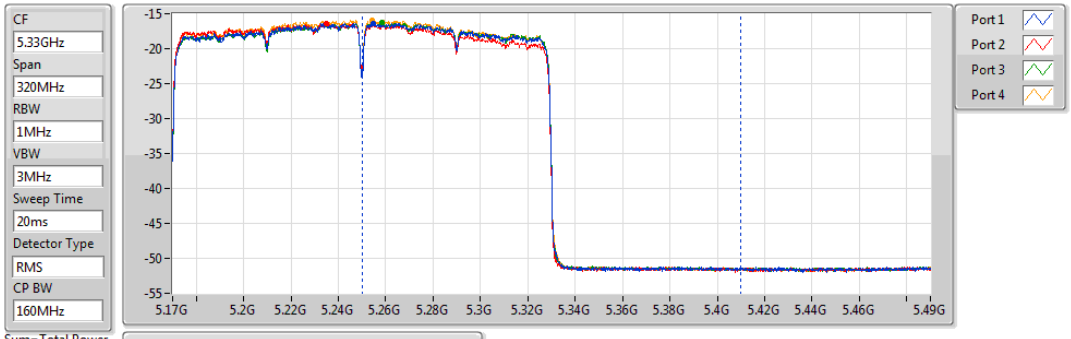


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.04	0.83	1.17	0.71	1.33

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

5250MHz Straddle 5.25-5.35GHz

14/05/2019



Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
6.96	0.95	0.49	1.05	1.25

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	12.93	0.01963	21.63/20.83	0.14555
5.25-5.35GHz	-	-	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	12.77	0.01892	21.47	0.14028

Result

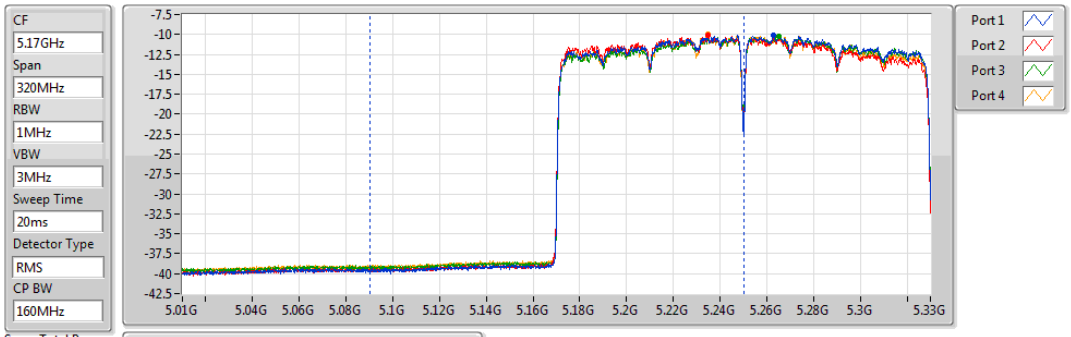
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70/7.90	6.96	7.15	6.65	6.85	12.93	27.30	21.63/20.83	36.00/21.00	10.25
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	6.98	6.40	6.83	6.77	12.77	21.28	21.47	Inf	10.25

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

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

5250MHz Straddle 5.15-5.25GHz

14/05/2019



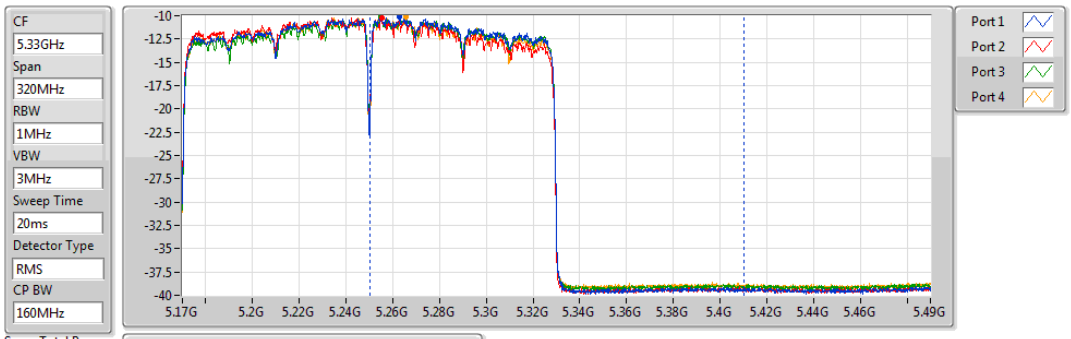
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
12.93	6.96	7.15	6.65	6.85

802.11ax HEW160_Nss4,(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)
12.77	6.98	6.40	6.83	6.77

For Radio 2:
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	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	11.22	0.01324
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	19.07	0.08072
802.11ax HEW20_Nss1,(MCS0)_1TX	19.55	0.09016
802.11ax HEW40_Nss1,(MCS0)_1TX	19.60	0.09120
802.11ax HEW80_Nss1,(MCS0)_1TX	15.18	0.03296
802.11ax HEW160_Nss1,(MCS0)_1TX	10.71	0.01178
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.64	0.14588
802.11ax HEW20_Nss1,(MCS0)_1TX	21.50	0.14125
802.11ax HEW40_Nss1,(MCS0)_1TX	20.48	0.11169
802.11ax HEW80_Nss1,(MCS0)_1TX	19.18	0.08279
802.11ax HEW160_Nss1,(MCS0)_1TX	14.49	0.02812
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	3.00	17.99	17.99	23.98	16.75
5300MHz	Pass	3.00	19.07	19.07	23.98	18
5320MHz	Pass	3.00	18.54	18.54	23.98	17.25
5500MHz	Pass	3.00	14.57	14.57	23.98	13.75
5580MHz	Pass	3.00	21.64	21.64	23.98	21
5700MHz	Pass	3.00	14.53	14.53	23.98	13
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	19.08	19.08	23.98	19
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	12.95	12.95	30.00	19
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	3.00	19.04	19.04	23.98	17.75
5300MHz	Pass	3.00	19.55	19.55	23.98	18.25
5320MHz	Pass	3.00	17.65	17.65	23.98	16.5
5500MHz	Pass	3.00	16.49	16.49	23.98	15.5
5580MHz	Pass	3.00	21.50	21.50	23.98	20.5
5700MHz	Pass	3.00	12.11	12.11	23.98	10.75
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	18.50	18.50	23.98	18.5
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	13.33	13.33	30.00	18.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	3.00	19.60	19.60	23.98	18
5310MHz	Pass	3.00	15.30	15.30	23.98	14
5510MHz	Pass	3.00	14.48	14.48	23.98	13.25
5550MHz	Pass	3.00	20.48	20.48	23.98	18.75
5670MHz	Pass	3.00	17.45	17.45	23.98	15
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	20.07	20.07	23.98	19
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	10.51	10.51	30.00	19
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	3.00	15.18	15.18	23.98	13.5
5530MHz	Pass	3.00	14.87	14.87	23.98	13.5
5610MHz	Pass	3.00	18.03	18.03	23.98	16.25
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	19.18	19.18	23.98	17.75
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	5.91	5.91	30.00	17.75
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00	11.22	11.22	30.00	12.5
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	10.71	10.71	23.98	12.5
5570MHz	Pass	3.00	14.49	14.49	23.98	12.75

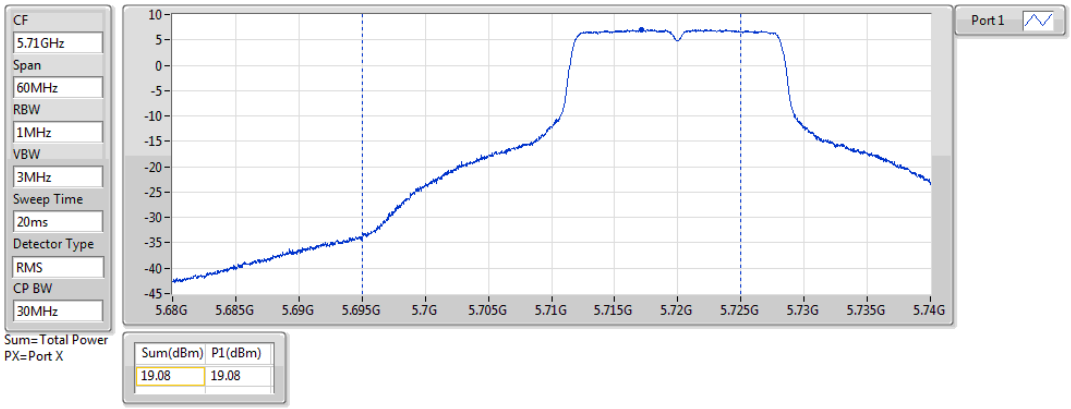
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

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

5720MHz Straddle 5.47-5.725GHz

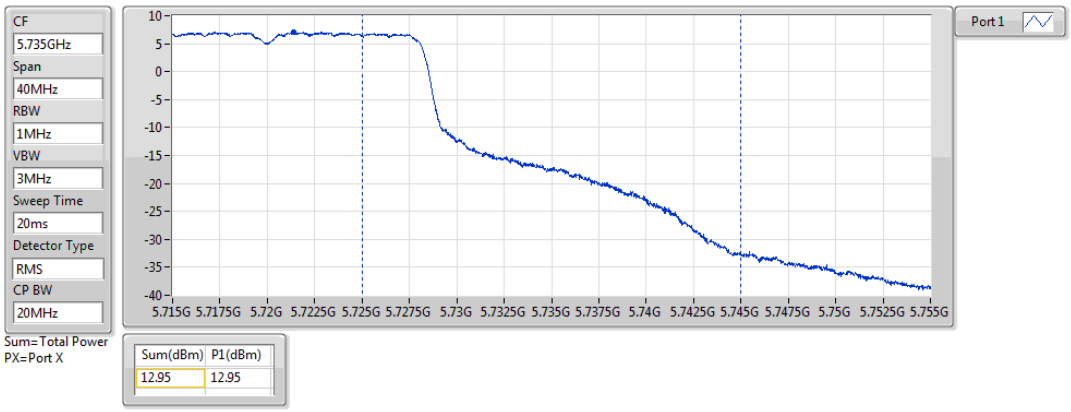
05/03/2019



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

5720MHz Straddle 5.725-5.85GHz

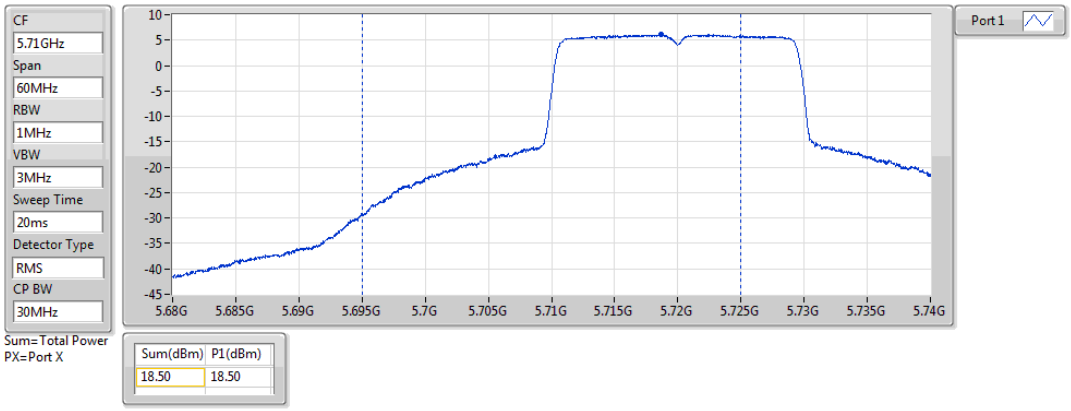
05/03/2019



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

5720MHz Straddle 5.47-5.725GHz

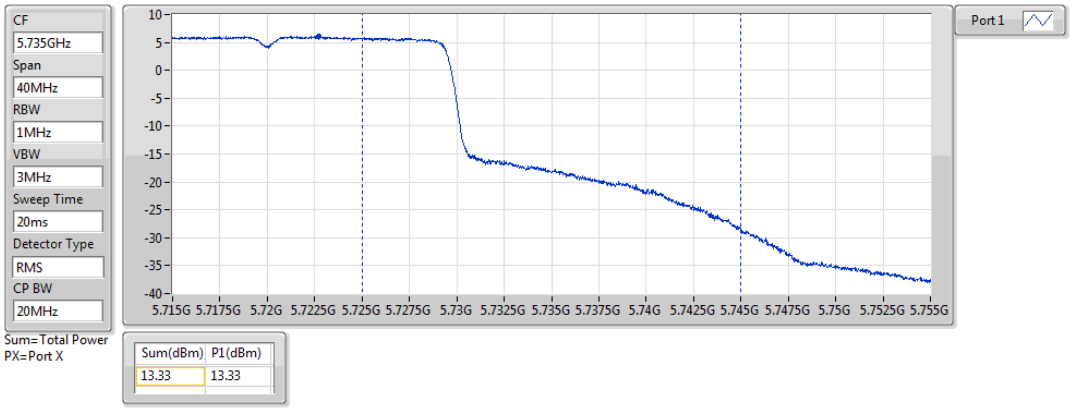
05/03/2019



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

5720MHz Straddle 5.725-5.85GHz

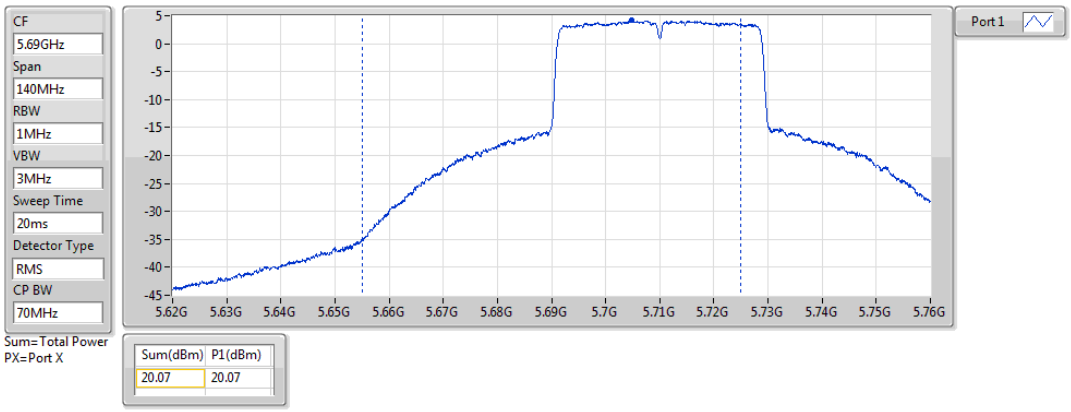
05/03/2019



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

5710MHz Straddle 5.47-5.725GHz

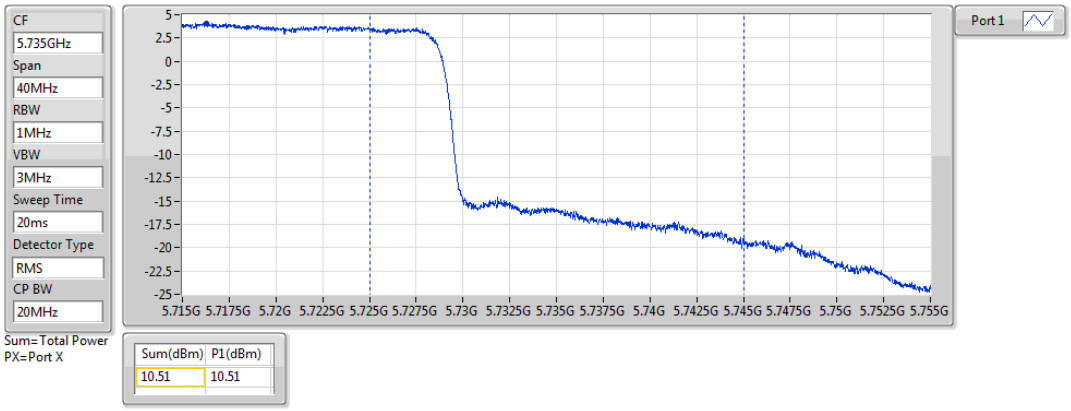
05/03/2019



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

5710MHz Straddle 5.725-5.85GHz

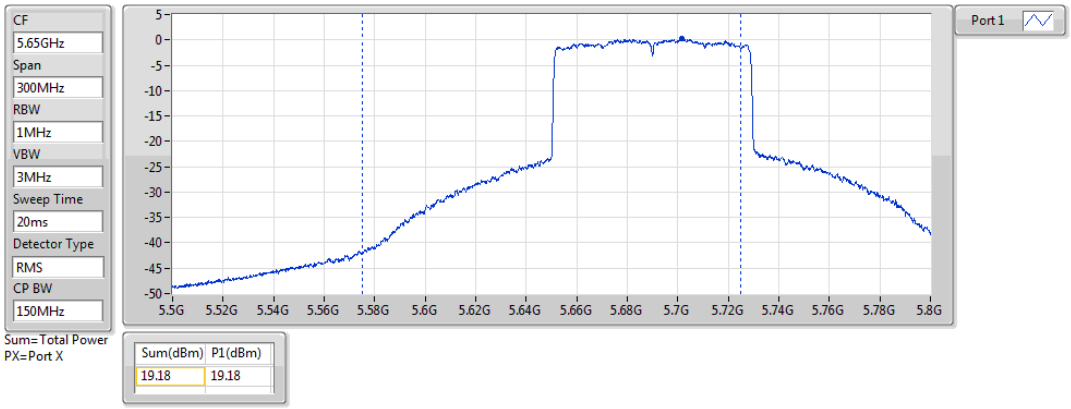
05/03/2019



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

5690MHz Straddle 5.47-5.725GHz

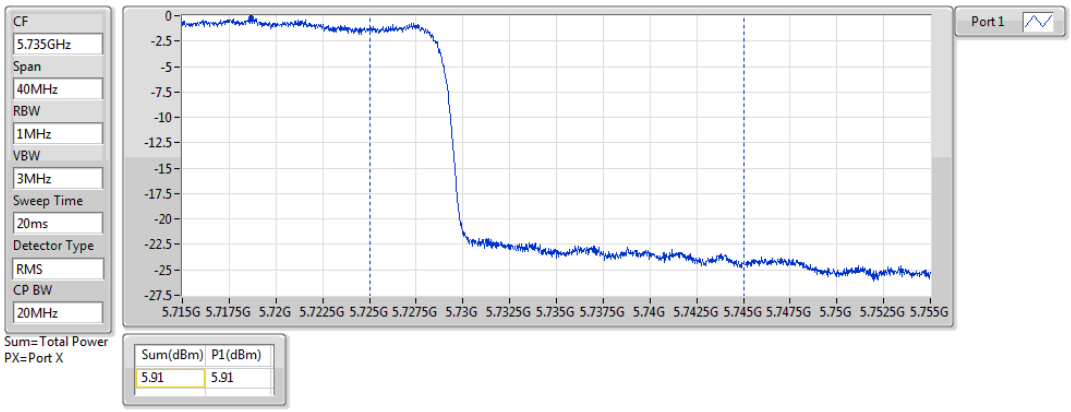
05/03/2019



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

5690MHz Straddle 5.725-5.85GHz

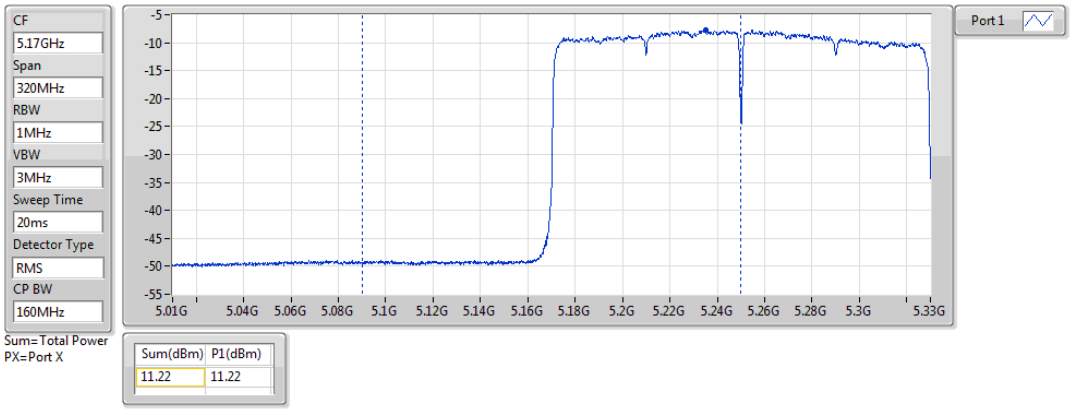
05/03/2019



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

5250MHz Straddle 5.15-5.25GHz

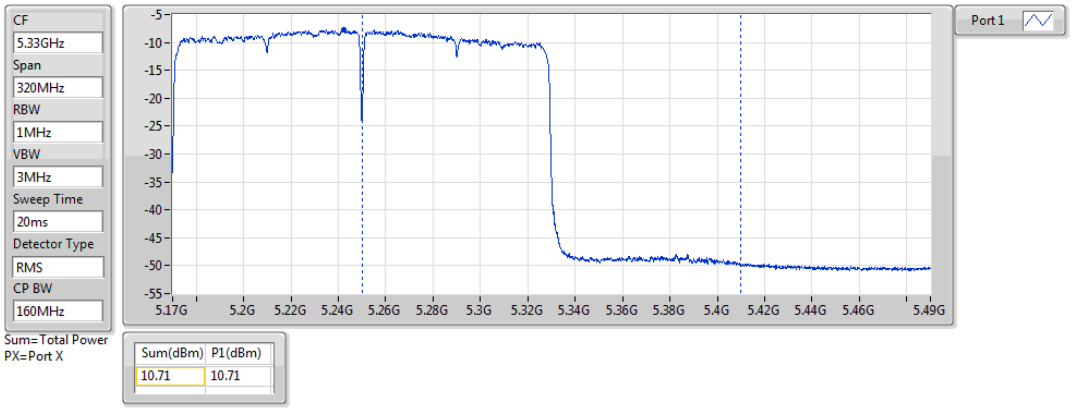
08/03/2019



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

5250MHz Straddle 5.25-5.35GHz

08/03/2019



For Non-beamforming / 2T2S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	11.78	0.01507
5.25-5.35GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	22.82	0.19143
802.11ax HEW40_Nss2,(MCS0)_2TX	22.01	0.15885
802.11ax HEW80_Nss2,(MCS0)_2TX	17.27	0.05333
802.11ax HEW160_Nss2,(MCS0)_2TX	11.83	0.01524
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	21.23	0.13274
802.11ax HEW160_Nss2,(MCS0)_2TX	15.95	0.03936
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	7.28	0.00535

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	3.00	19.15	19.66	22.42	23.98	17.75
5300MHz	Pass	3.00	19.78	19.84	22.82	23.98	18.25
5320MHz	Pass	3.00	15.92	16.59	19.28	23.98	14.5
5500MHz	Pass	3.00	14.26	15.38	17.87	23.98	13.25
5580MHz	Pass	3.00	20.63	20.91	23.78	23.98	19.25
5700MHz	Pass	3.00	13.47	14.57	17.07	23.98	11.75
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	18.68	19.16	21.94	23.98	18.75
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	13.50	13.81	16.67	30.00	18.75
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	3.00	18.96	19.04	22.01	23.98	17.25
5310MHz	Pass	3.00	14.51	14.60	17.57	23.98	12.75
5510MHz	Pass	3.00	12.89	13.80	16.38	23.98	11.5
5550MHz	Pass	3.00	19.18	19.12	22.16	23.98	17.25
5670MHz	Pass	3.00	15.05	14.94	18.01	23.98	13
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	20.20	19.26	22.77	23.98	18.75
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	10.80	9.33	13.14	30.00	18.75
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	3.00	13.87	14.62	17.27	23.98	12.5
5530MHz	Pass	3.00	13.48	14.22	16.88	23.98	12.25
5610MHz	Pass	3.00	16.49	17.10	19.82	23.98	15
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	18.22	18.21	21.23	23.98	16.75
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	4.55	3.97	7.28	30.00	16.75
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00	8.72	8.82	11.78	30.00	10.75
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	8.47	9.14	11.83	23.98	10.75
5570MHz	Pass	3.00	12.80	13.08	15.95	23.98	11

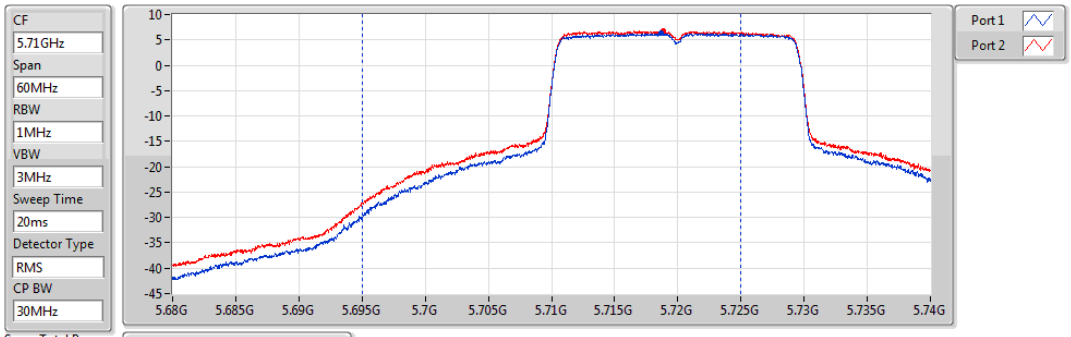
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

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

5720MHz Straddle 5.47-5.725GHz

07/03/2019

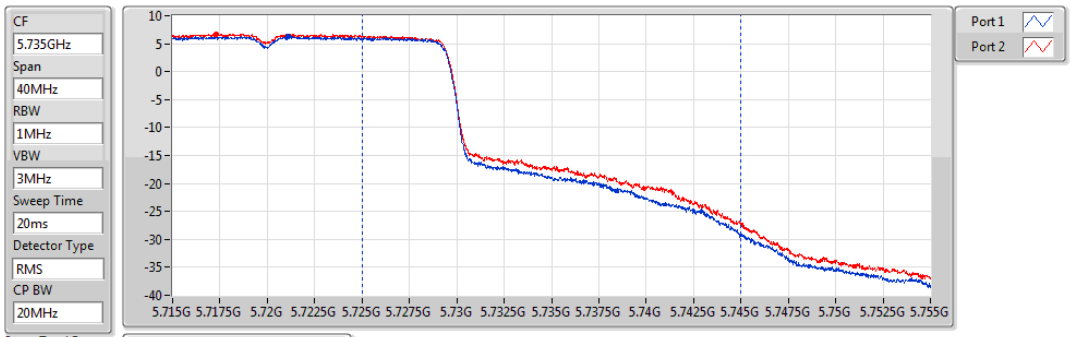


Sum(dBm)	P1(dBm)	P2(dBm)
21.94	18.68	19.16

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

5720MHz Straddle 5.725-5.85GHz

07/03/2019

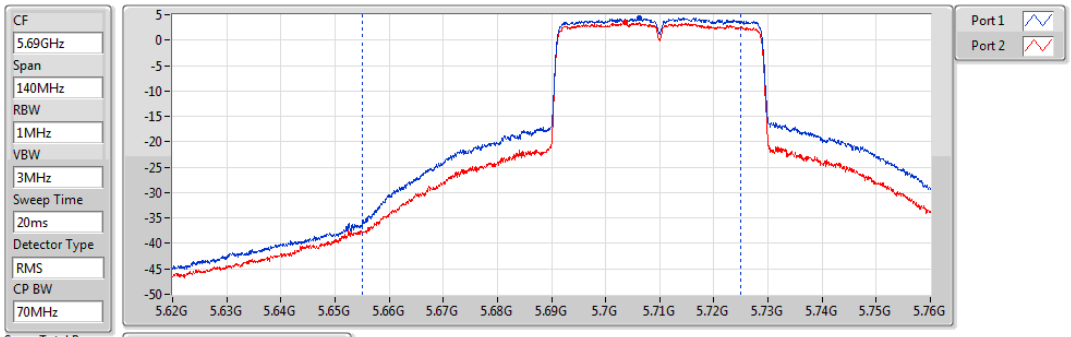


Sum(dBm)	P1(dBm)	P2(dBm)
16.67	13.50	13.81

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

5710MHz Straddle 5.47-5.725GHz

07/03/2019

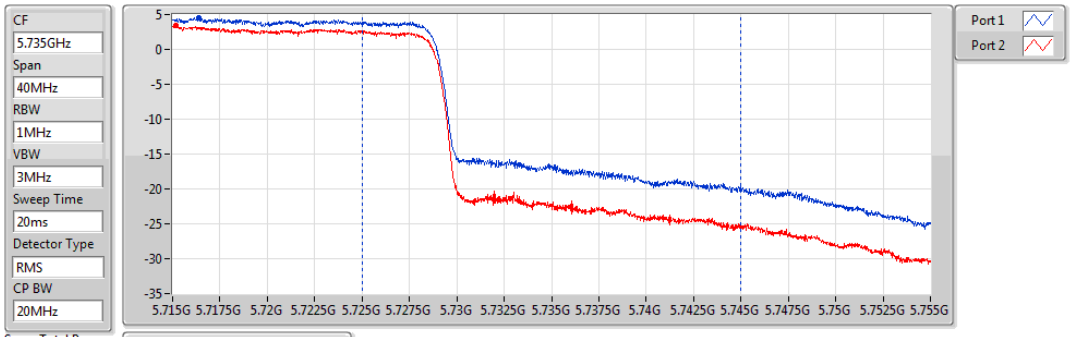


Sum(dBm)	P1(dBm)	P2(dBm)
22.77	20.20	19.26

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

5710MHz Straddle 5.725-5.85GHz

07/03/2019



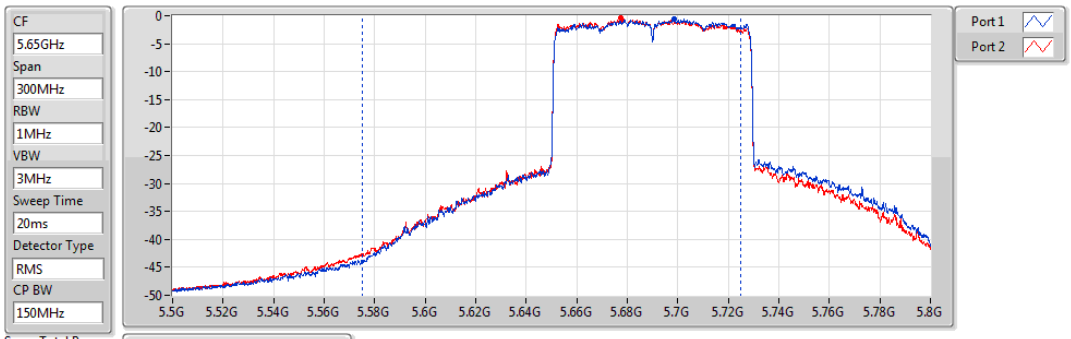
Sum=Total Power
PX=Port X

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

08/03/2019



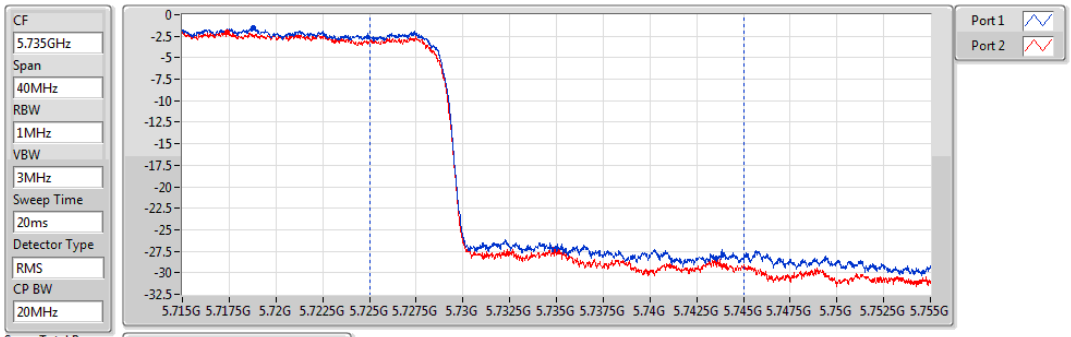
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
21.23	18.22	18.21

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

5690MHz Straddle 5.725-5.85GHz

08/03/2019



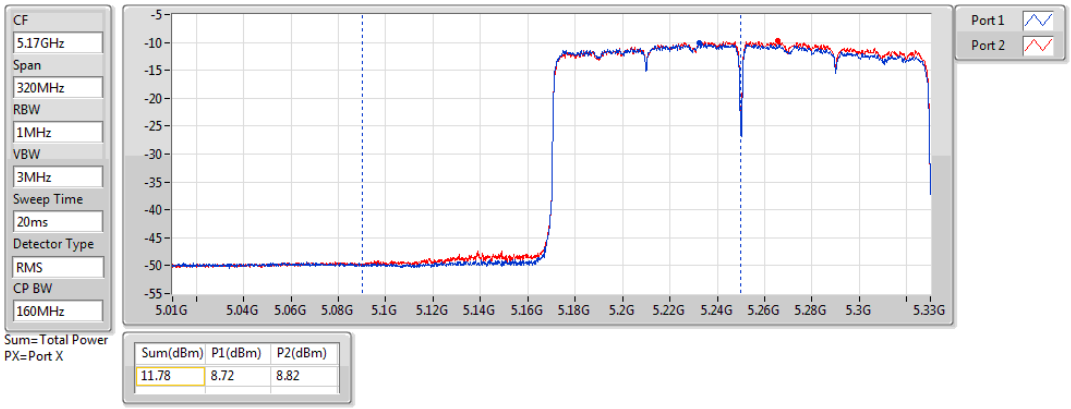
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
7.28	4.55	3.97

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

5250MHz Straddle 5.15-5.25GHz

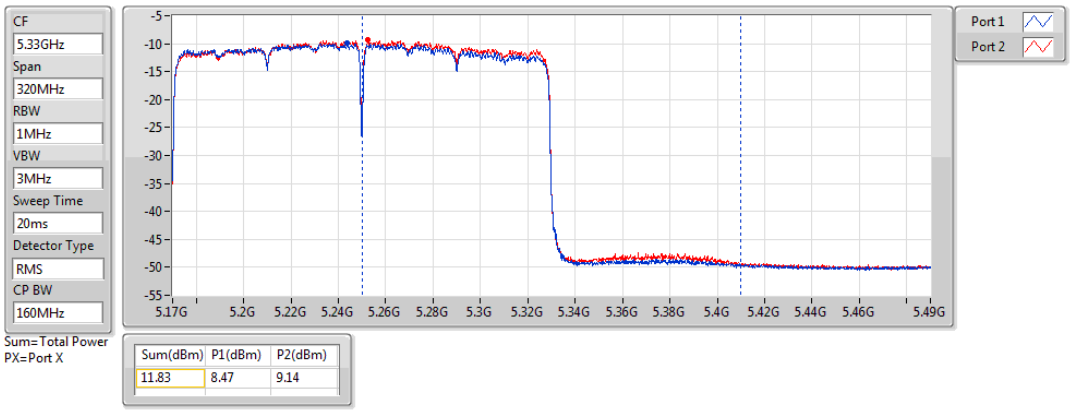
08/03/2019



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

5250MHz Straddle 5.25-5.35GHz

08/03/2019



For Non-beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	15.40	0.03467
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	20.84	0.12134
802.11ax HEW20_Nss1,(MCS0)_4TX	21.44	0.13932
802.11ax HEW40_Nss1,(MCS0)_4TX	23.83	0.24155
802.11ax HEW80_Nss1,(MCS0)_4TX	19.65	0.09226
802.11ax HEW160_Nss1,(MCS0)_4TX	15.26	0.03357
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	20.76	0.11912
802.11ax HEW20_Nss1,(MCS0)_4TX	21.34	0.13614
802.11ax HEW40_Nss1,(MCS0)_4TX	23.91	0.24604
802.11ax HEW80_Nss1,(MCS0)_4TX	23.89	0.24491
802.11ax HEW160_Nss1,(MCS0)_4TX	18.87	0.07709
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.77	0.02382
802.11ax HEW20_Nss1,(MCS0)_4TX	15.12	0.03251
802.11ax HEW40_Nss1,(MCS0)_4TX	13.83	0.02415
802.11ax HEW80_Nss1,(MCS0)_4TX	10.09	0.01021

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	3.00	14.54	15.11	14.77	14.55	20.77	23.98	13.75
5300MHz	Pass	3.00	14.50	15.27	14.77	14.71	20.84	23.98	13.75
5320MHz	Pass	3.00	14.64	15.35	14.94	14.18	20.82	23.98	13.75
5500MHz	Pass	3.00	11.88	13.25	13.17	12.63	18.79	23.98	11.5
5580MHz	Pass	3.00	14.02	15.19	14.65	15.02	20.76	23.98	13.75
5700MHz	Pass	3.00	12.00	13.39	12.63	12.18	18.60	23.98	11
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	13.17	14.30	14.29	13.77	19.93	22.94	13
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	7.12	8.10	8.04	7.65	13.77	30.00	13
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	15.01	16.12	15.27	14.97	21.39	23.98	14
5300MHz	Pass	3.00	15.27	16.16	15.22	14.91	21.44	23.98	14
5320MHz	Pass	3.00	14.92	16.20	15.38	15.05	21.44	23.98	14
5500MHz	Pass	3.00	12.90	14.52	14.21	14.02	19.97	23.98	12.25
5580MHz	Pass	3.00	14.46	16.15	15.26	15.26	21.34	23.98	13.75
5700MHz	Pass	3.00	9.76	10.97	10.44	10.14	16.37	23.98	8.5
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	13.78	14.87	14.57	14.43	20.45	22.97	13.5
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	8.46	9.60	9.23	9.04	15.12	30.00	13.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	3.00	17.89	17.86	17.97	17.50	23.83	23.98	16.5
5310MHz	Pass	3.00	13.83	14.04	14.08	13.70	19.94	23.98	12.5
5510MHz	Pass	3.00	12.43	13.51	13.06	12.99	19.03	23.98	11.5
5550MHz	Pass	3.00	17.88	17.78	18.01	17.89	23.91	23.98	16.25
5670MHz	Pass	3.00	14.10	13.70	14.97	14.42	20.34	23.98	12.5
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	18.12	17.15	17.92	17.91	23.81	23.98	16
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	8.31	6.95	7.82	8.04	13.83	30.00	16
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	3.00	13.42	14.13	13.45	13.49	19.65	23.98	12.25
5530MHz	Pass	3.00	12.54	13.82	12.36	12.97	18.98	23.98	11.5
5610MHz	Pass	3.00	15.29	15.40	14.83	15.42	21.26	23.98	13.75
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	17.99	17.88	17.58	18.03	23.89	23.98	16
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	4.54	3.82	3.86	4.02	10.09	30.00	16
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00	9.58	9.44	9.12	9.37	15.40	30.00	10.75
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	9.10	9.54	8.84	9.43	15.26	23.98	10.75
5570MHz	Pass	3.00	12.58	13.09	12.68	13.03	18.87	23.98	11

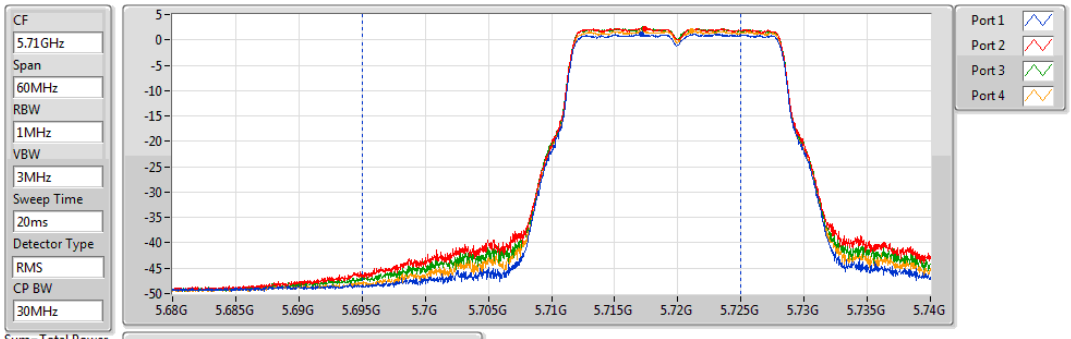
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

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

5720MHz Straddle 5.47-5.725GHz

08/03/2019



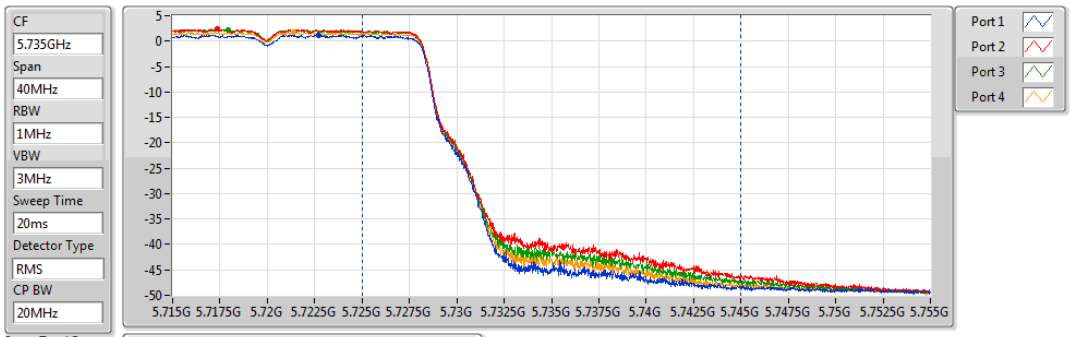
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.93	13.17	14.30	14.29	13.77

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

5720MHz Straddle 5.725-5.85GHz

08/03/2019



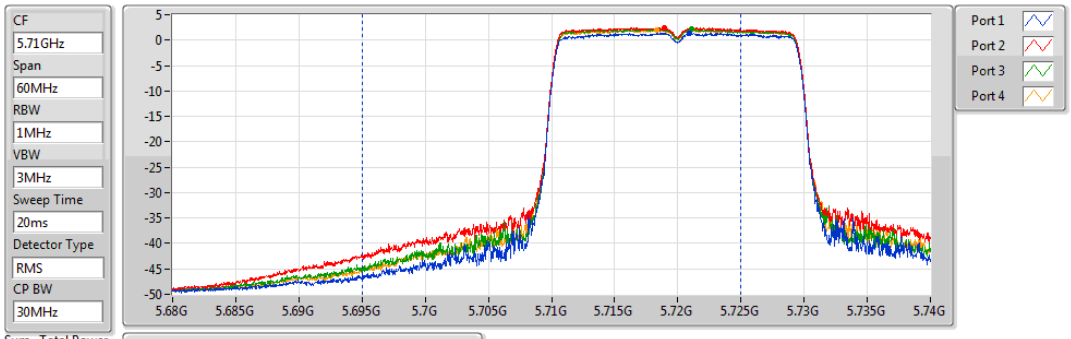
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.77	7.12	8.10	8.04	7.65

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

5720MHz Straddle 5.47-5.725GHz

08/03/2019



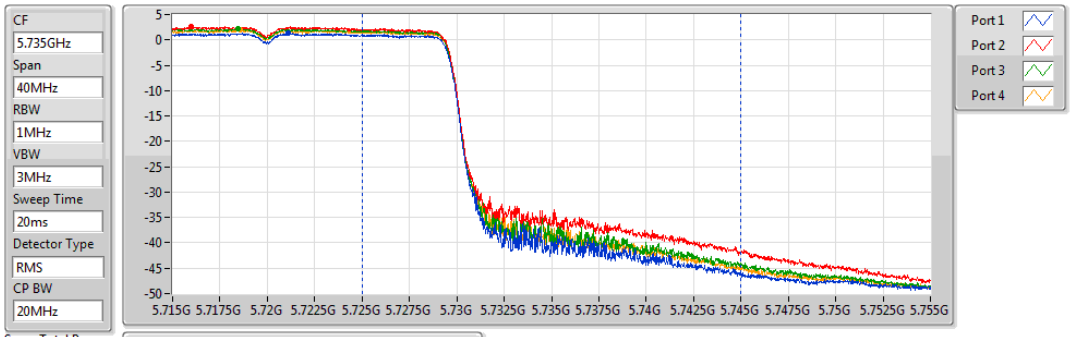
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.45	13.78	14.87	14.57	14.43

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

5720MHz Straddle 5.725-5.85GHz

08/03/2019



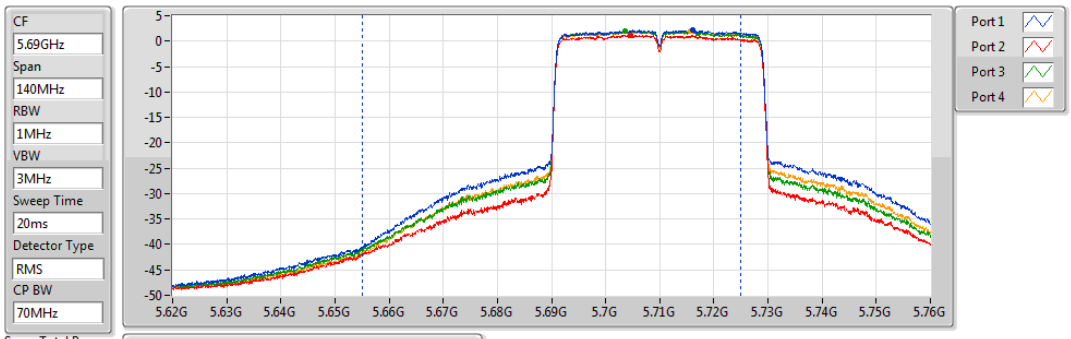
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
15.12	8.46	9.60	9.23	9.04

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

5710MHz Straddle 5.47-5.725GHz

08/03/2019



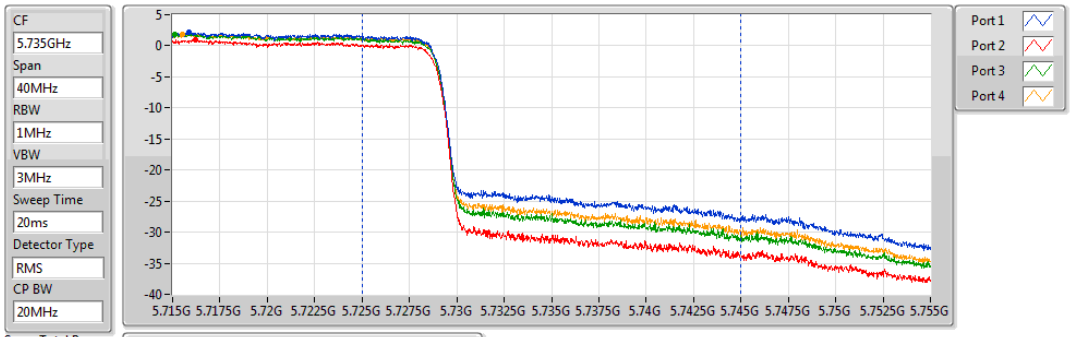
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.81	18.12	17.15	17.92	17.91

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

5710MHz Straddle 5.725-5.85GHz

08/03/2019



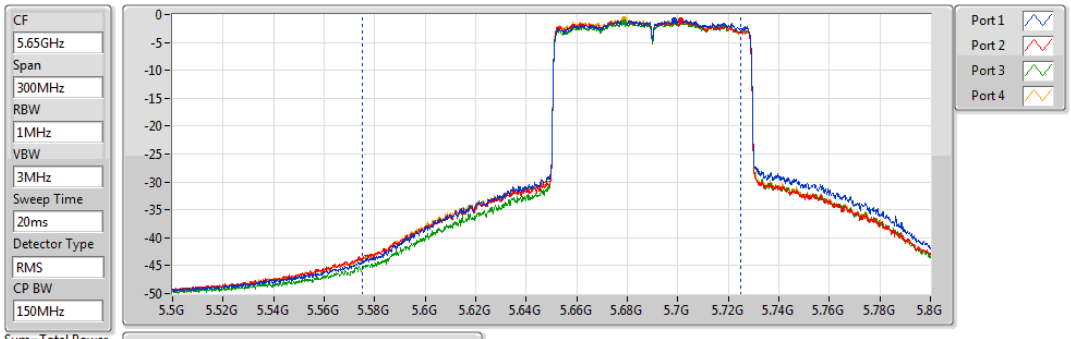
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.83	8.31	6.95	7.82	8.04

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

5690MHz Straddle 5.47-5.725GHz

08/03/2019



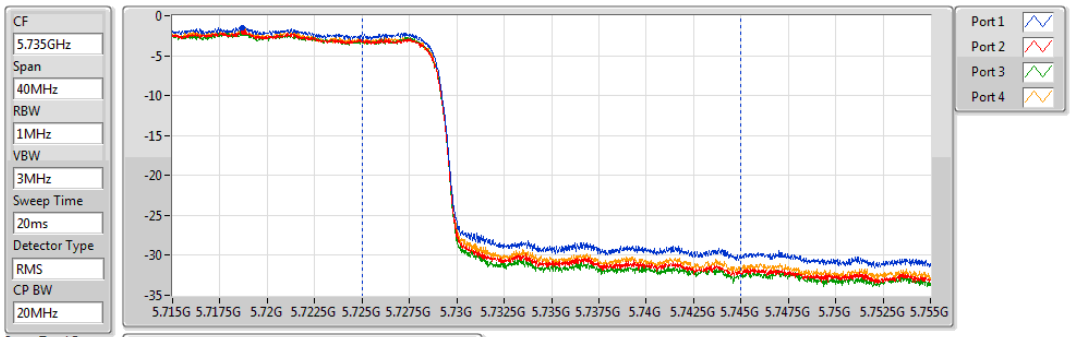
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
23.89	17.99	17.88	17.58	18.03

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

5690MHz Straddle 5.725-5.85GHz

08/03/2019



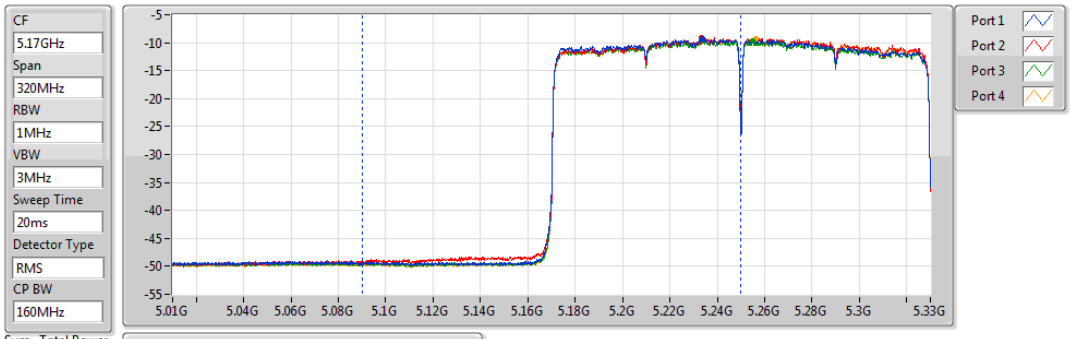
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.09	4.54	3.82	3.86	4.02

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

5250MHz Straddle 5.15-5.25GHz

08/03/2019



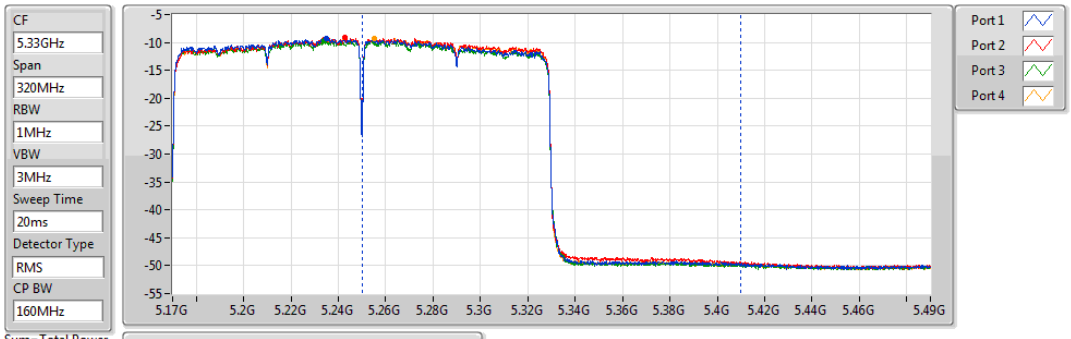
Sum=Total Power
PX=Port X

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

08/03/2019



Sum=Total Power
PX=Port X

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)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	15.54	0.03581
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.94	0.12417
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.93	0.12388
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.62	0.11535
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	15.75	0.03758
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.94	0.12417
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.94	0.12417
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.87	0.12218
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	17.67	0.05848
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	14.72	0.02965
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	11.18	0.01312
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	7.17	0.00521

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	9.02	14.22	15.26	15.18	14.72	20.89	20.96	13.75
5300MHz	Pass	9.02	14.25	15.13	15.21	15.04	20.94	20.96	13.75
5320MHz	Pass	9.02	14.23	14.81	15.37	15.15	20.93	20.96	13.75
5500MHz	Pass	9.02	13.71	14.73	14.66	14.54	20.45	20.96	13
5580MHz	Pass	9.02	14.02	15.29	15.07	15.18	20.94	20.96	13.5
5700MHz	Pass	9.02	12.67	14.58	14.32	13.31	19.81	20.96	11.75
5720MHz Straddle 5.47-5.725GHz	Pass	9.02	12.80	14.56	14.18	13.66	19.87	19.94	12.75
5720MHz Straddle 5.725-5.85GHz	Pass	9.02	7.78	9.38	8.91	8.57	14.72	26.98	12.75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	9.02	14.27	15.14	14.97	15.19	20.93	20.96	13.25
5310MHz	Pass	9.02	13.84	15.43	14.96	15.21	20.92	20.96	13.25
5510MHz	Pass	9.02	12.94	13.83	13.28	13.46	19.41	20.96	11.75
5550MHz	Pass	9.02	14.33	15.54	15.08	14.64	20.94	20.96	13.25
5670MHz	Pass	9.02	14.61	15.28	15.19	14.51	20.93	20.96	12.75
5710MHz Straddle 5.47-5.725GHz	Pass	9.02	14.37	15.17	15.46	14.61	20.94	20.96	12.75
5710MHz Straddle 5.725-5.85GHz	Pass	9.02	4.67	5.41	5.57	4.92	11.18	26.98	12.75
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	9.02	13.74	14.91	14.70	14.95	20.62	20.96	13.25
5530MHz	Pass	9.02	13.23	14.30	14.36	13.29	19.85	20.96	12.25
5610MHz	Pass	9.02	14.07	15.29	15.18	14.77	20.87	20.96	13
5690MHz Straddle 5.47-5.725GHz	Pass	9.02	14.04	14.92	15.25	15.03	20.85	20.96	12.75
5690MHz Straddle 5.725-5.85GHz	Pass	9.02	0.57	1.01	1.42	1.53	7.17	26.98	12.75
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.02	9.03	9.38	9.50	10.10	15.54	26.98	11
5250MHz Straddle 5.25-5.35GHz	Pass	9.02	9.09	9.79	9.91	10.05	15.75	20.96	11
5570MHz	Pass	9.02	10.98	12.02	11.68	11.86	17.67	20.96	9.5

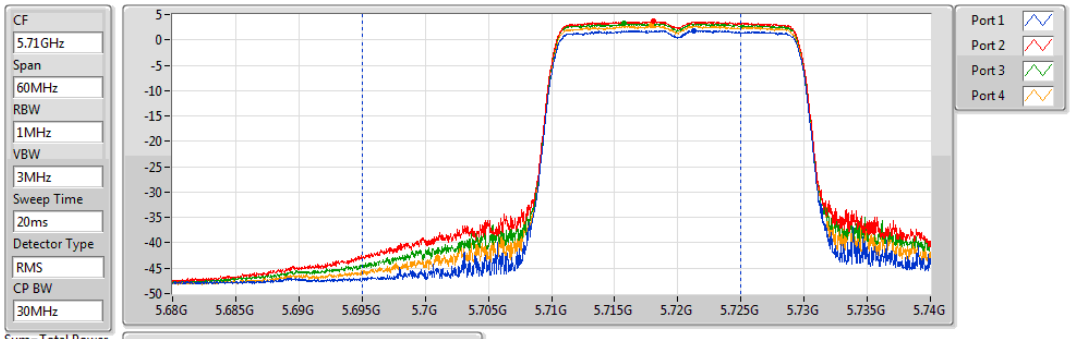
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

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

5720MHz Straddle 5.47-5.725GHz

06/03/2019



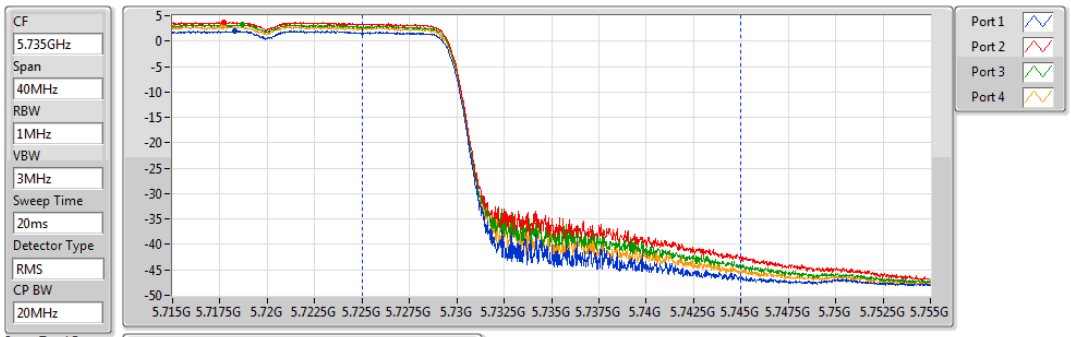
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
19.87	12.80	14.56	14.18	13.66

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

5720MHz Straddle 5.725-5.85GHz

06/03/2019



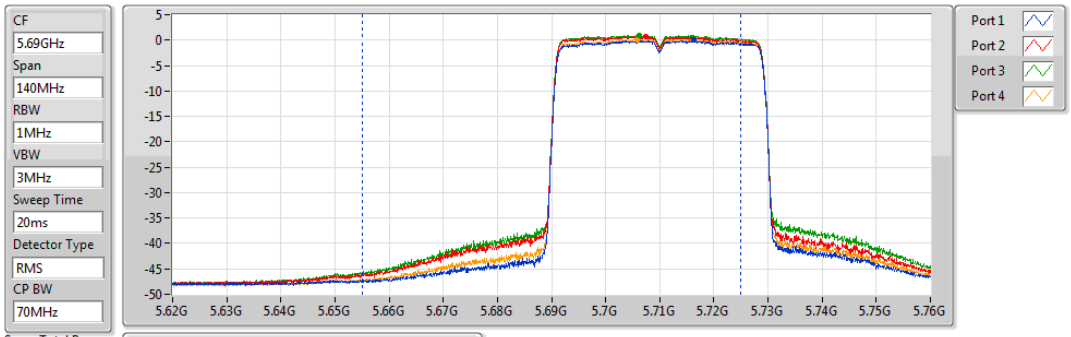
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.72	7.78	9.38	8.91	8.57

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

5710MHz Straddle 5.47-5.725GHz

06/03/2019



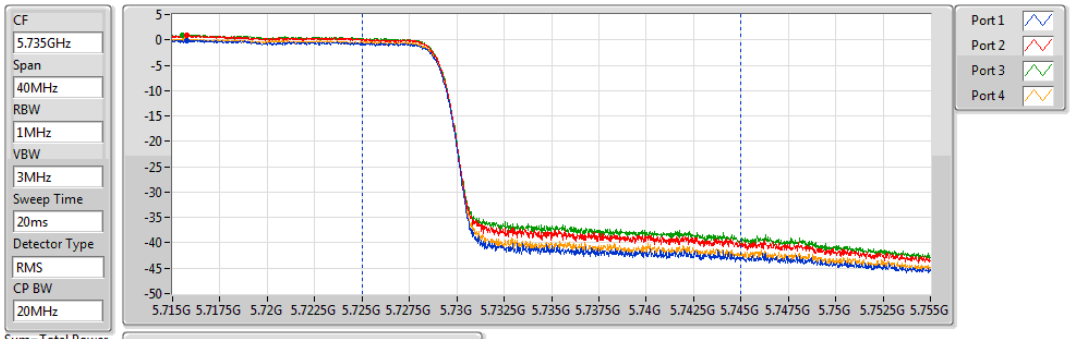
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.94	14.37	15.17	15.46	14.61

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

5710MHz Straddle 5.725-5.85GHz

06/03/2019



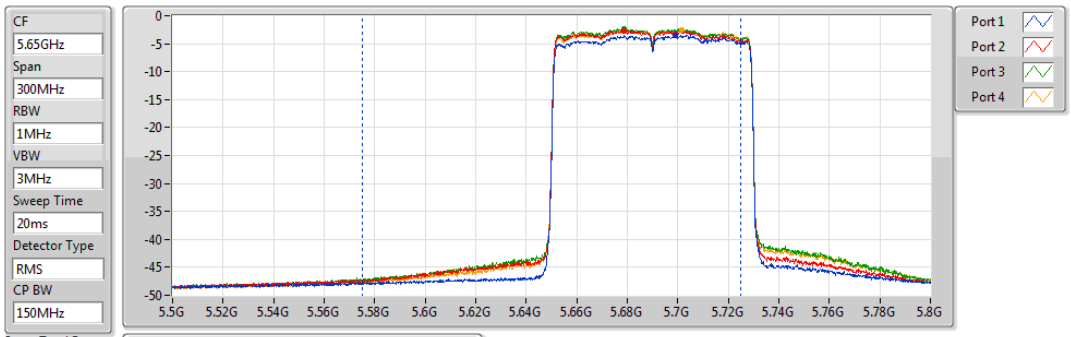
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
11.18	4.67	5.41	5.57	4.92

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

5690MHz Straddle 5.47-5.725GHz

06/03/2019



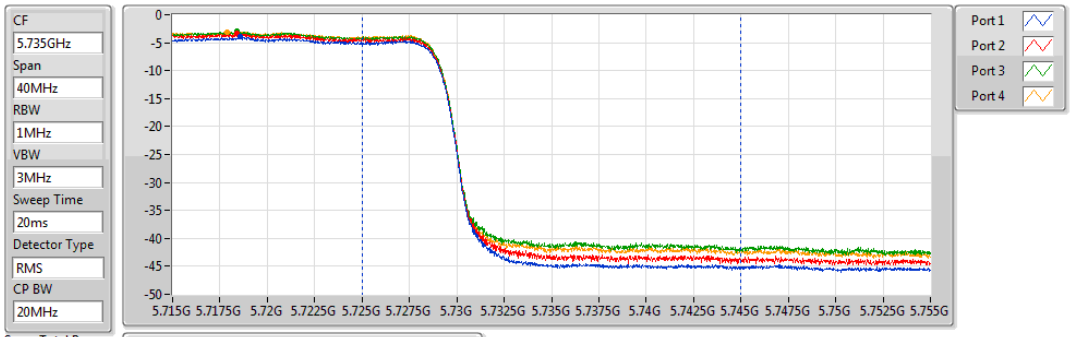
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
20.85	14.04	14.92	15.25	15.03

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

5690MHz Straddle 5.725-5.85GHz

06/03/2019



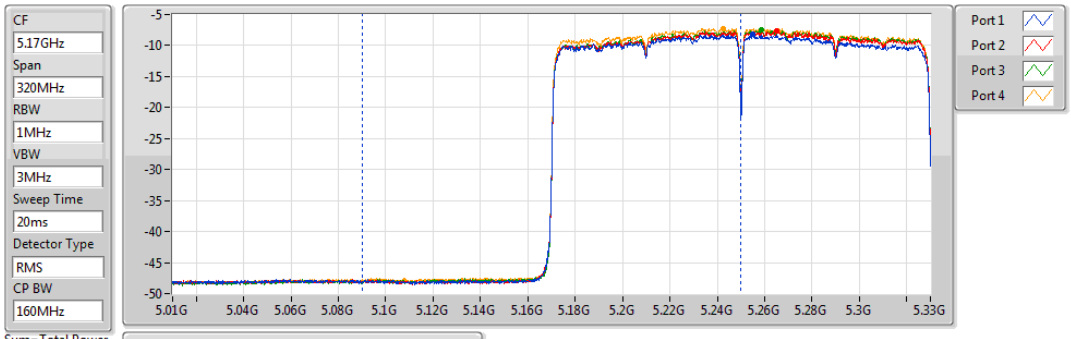
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
7.17	0.57	1.01	1.42	1.53

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

5250MHz Straddle 5.15-5.25GHz

06/03/2019



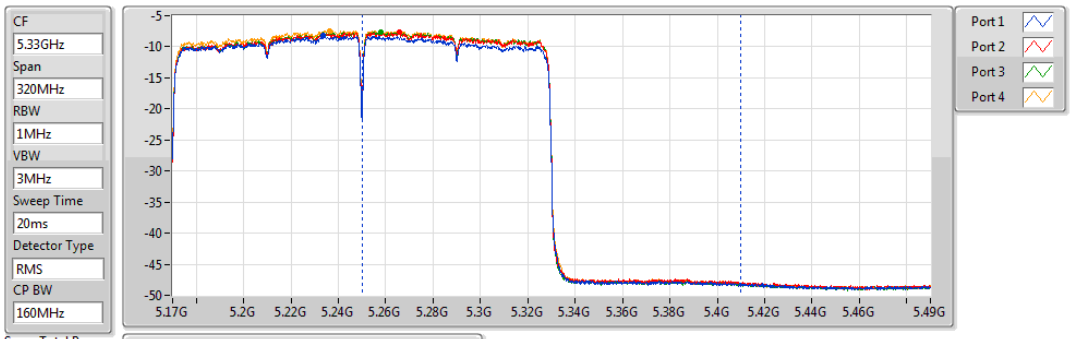
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
15.54	9.03	9.38	9.50	10.10

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

5250MHz Straddle 5.25-5.35GHz

06/03/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
15.75	9.09	9.79	9.91	10.05

For Non-beamforming / 4T4S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	14.89	0.03083
5.25-5.35GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	23.89	0.24491
802.11ax HEW40_Nss4,(MCS0)_4TX	23.96	0.24889
802.11ax HEW80_Nss4,(MCS0)_4TX	18.98	0.07907
802.11ax HEW160_Nss4,(MCS0)_4TX	14.71	0.02958
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	16.58	0.04550
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	3.00	17.63	18.18	17.54	17.81	23.82	23.98	16.5
5300MHz	Pass	3.00	17.43	18.33	17.96	17.70	23.89	23.98	16.5
5320MHz	Pass	3.00	15.49	16.26	15.92	15.25	21.77	23.98	14.25
5500MHz	Pass	3.00	13.46	15.04	14.69	14.31	20.43	23.98	13
5580MHz	Pass	3.00	17.09	17.97	18.20	17.89	23.83	23.98	16.5
5700MHz	Pass	3.00	12.66	13.69	13.56	13.09	19.29	23.98	11.5
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	16.49	16.93	17.04	16.86	22.86	23.02	15.75
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	11.12	11.25	11.48	11.41	17.34	30.00	15.75
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	3.00	17.75	18.14	18.03	17.81	23.96	23.98	16.5
5310MHz	Pass	3.00	12.41	13.19	12.85	12.58	18.79	23.98	11.5
5510MHz	Pass	3.00	12.58	13.58	12.93	12.49	18.94	23.98	11.5
5550MHz	Pass	3.00	17.58	17.65	18.35	17.89	23.90	23.98	16.25
5670MHz	Pass	3.00	14.52	13.97	14.65	14.03	20.32	23.98	12.5
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	18.47	16.95	18.21	17.99	23.96	23.98	16
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	8.24	6.43	7.88	7.92	13.69	30.00	16
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	3.00	12.78	13.29	13.07	12.65	18.98	23.98	11.75
5530MHz	Pass	3.00	12.50	13.88	13.46	13.04	19.27	23.98	11.75
5610MHz	Pass	3.00	15.89	16.23	16.14	15.97	22.08	23.98	14.5
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	18.02	17.73	18.10	17.53	23.87	23.98	15.75
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	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	3.00	8.97	8.88	8.73	8.90	14.89	30.00	10.25
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	8.30	9.03	8.89	8.48	14.71	23.98	10.25
5570MHz	Pass	3.00	9.95	10.98	10.71	10.54	16.58	23.98	9

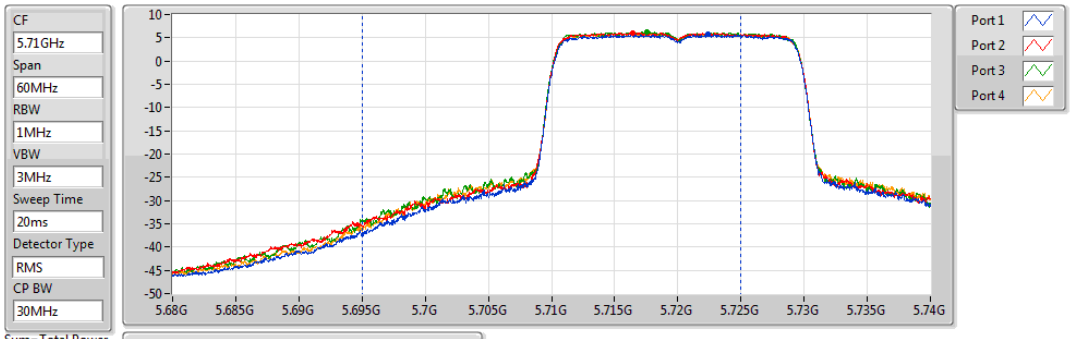
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

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

5720MHz Straddle 5.47-5.725GHz

07/03/2019



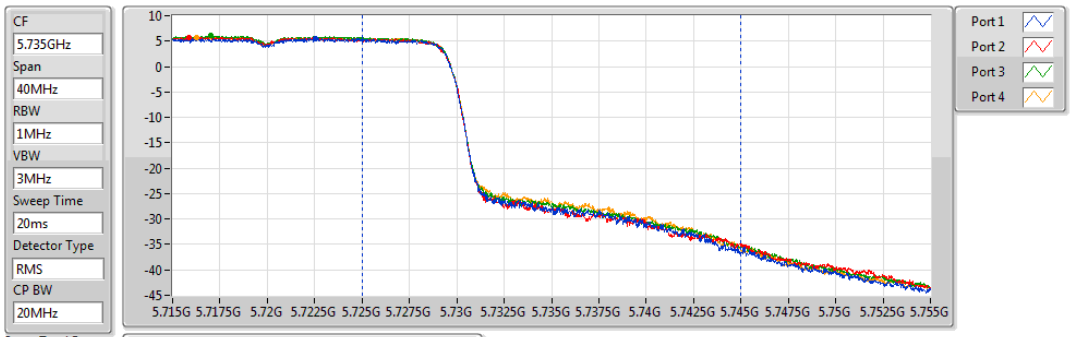
Sum=Total Power
PX=Port X

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

07/03/2019



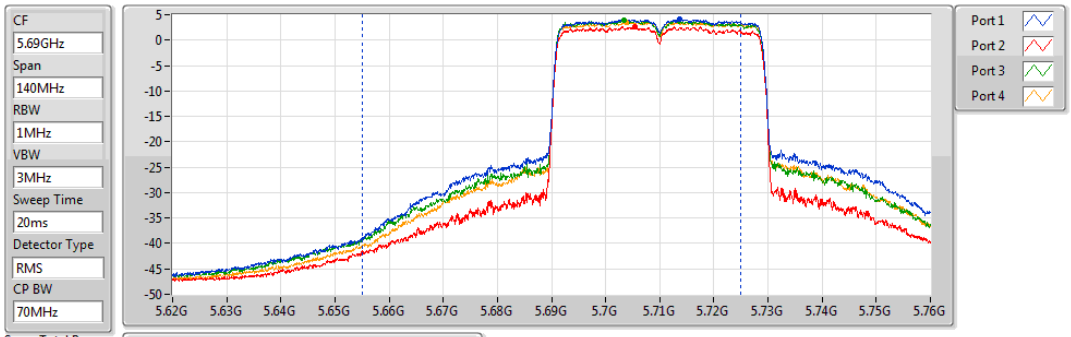
Sum=Total Power
PX=Port X

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

07/03/2019



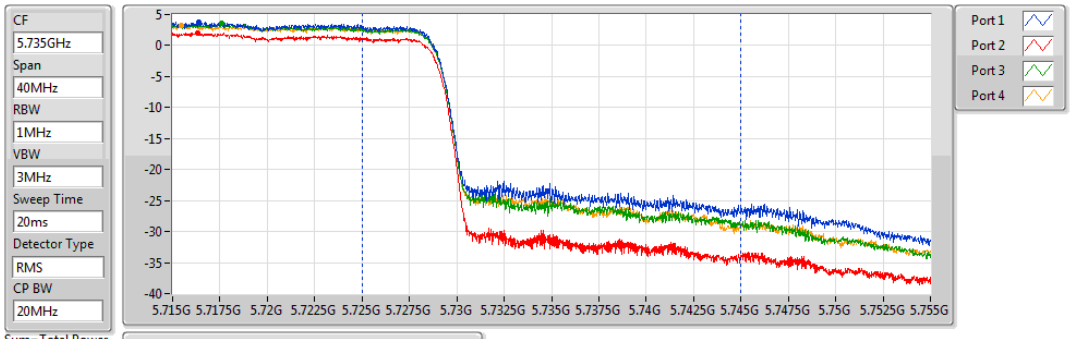
Sum=Total Power
PX=Port X

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

07/03/2019



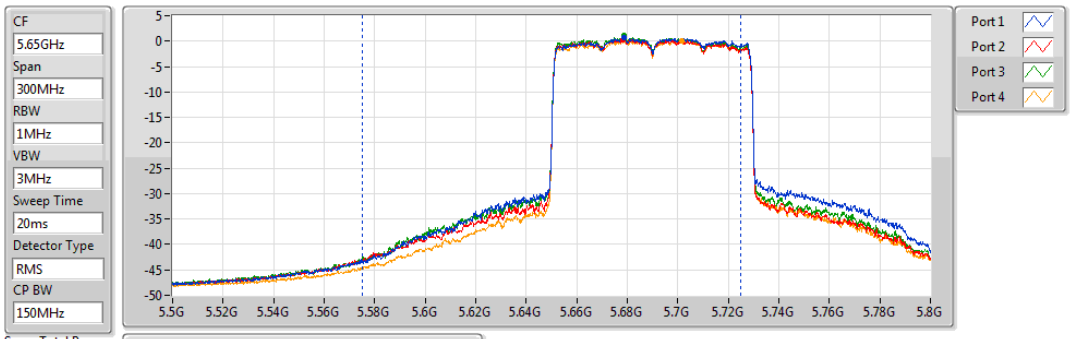
Sum=Total Power
PX=Port X

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

07/03/2019



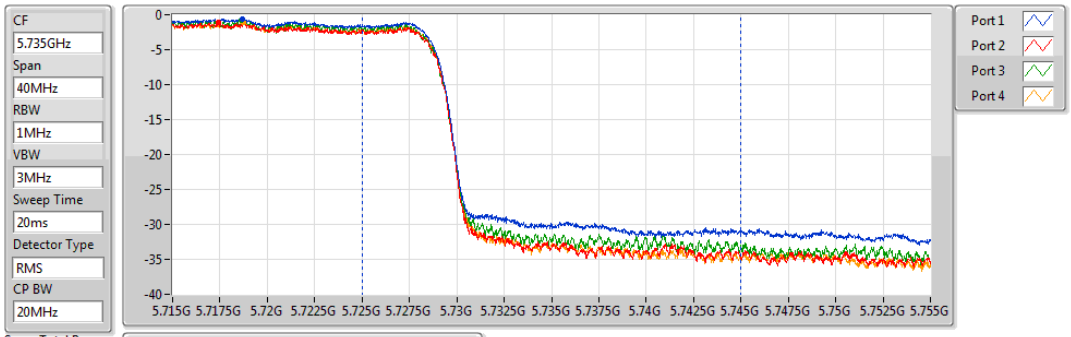
Sum=Total Power
PX=Port X

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

07/03/2019



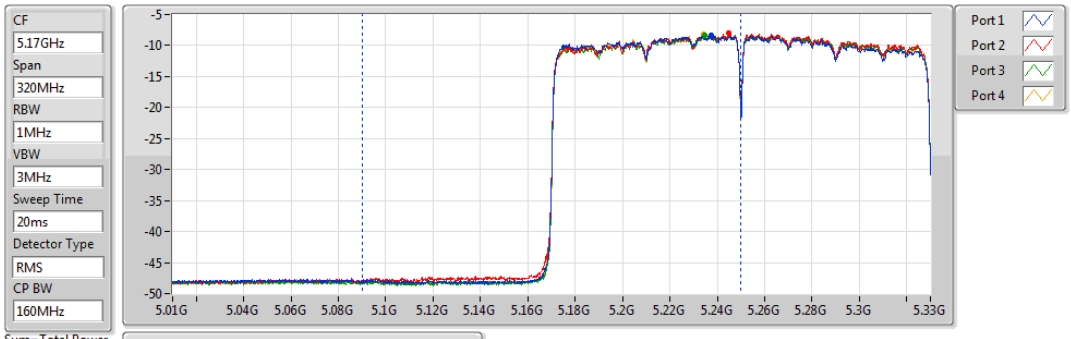
Sum=Total Power
PX=Port X

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

08/03/2019

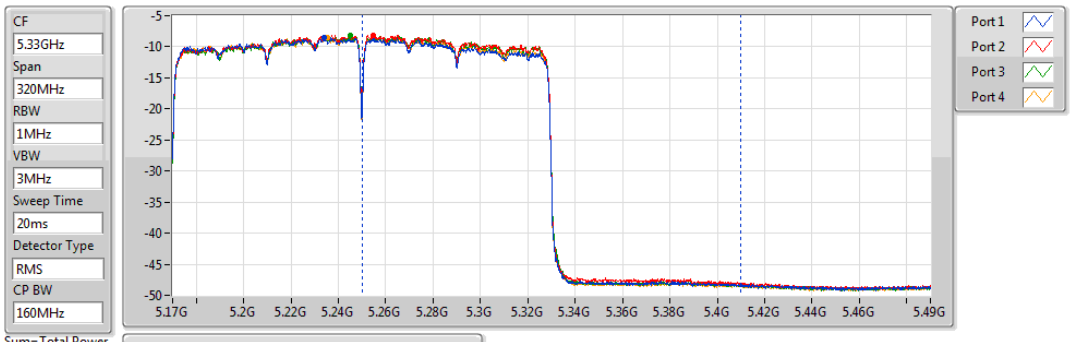


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
14.89	8.97	8.88	8.73	8.90

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

5250MHz Straddle 5.25-5.35GHz

08/03/2019



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)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	10.52	0.01127
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	19.64	0.09204
802.11ax HEW20_Nss1,(MCS0)_1TX	19.34	0.08590
802.11ax HEW40_Nss1,(MCS0)_1TX	17.58	0.05728
802.11ax HEW80_Nss1,(MCS0)_1TX	14.43	0.02773
802.11ax HEW160_Nss1,(MCS0)_1TX	10.06	0.01014
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.64	0.14588
802.11ax HEW20_Nss1,(MCS0)_1TX	21.50	0.14125
802.11ax HEW40_Nss1,(MCS0)_1TX	20.07	0.10162
802.11ax HEW80_Nss1,(MCS0)_1TX	18.96	0.07870
802.11ax HEW160_Nss1,(MCS0)_1TX	13.75	0.02371
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	5.67	0.00369

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5260MHz	Pass	6.00	19.23	19.23	23.98	18
5300MHz	Pass	6.00	19.64	19.64	23.98	18.5
5320MHz	Pass	6.00	16.69	16.69	23.98	15.25
5500MHz	Pass	6.00	13.38	13.38	23.98	12.5
5580MHz	Pass	6.00	21.64	21.64	23.98	21
5700MHz	Pass	6.00	13.66	13.66	23.98	12.25
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	19.08	19.08	23.98	19
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	12.95	12.95	30.00	19
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	6.00	19.34	19.34	23.98	18
5300MHz	Pass	6.00	19.07	19.07	23.98	17.75
5320MHz	Pass	6.00	16.51	16.51	23.98	15.25
5500MHz	Pass	6.00	14.23	14.23	23.98	13.25
5580MHz	Pass	6.00	21.50	21.50	23.98	20.5
5700MHz	Pass	6.00	11.47	11.47	23.98	10
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	18.50	18.50	23.98	18.5
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	13.33	13.33	30.00	18.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	6.00	17.58	17.58	23.98	16
5310MHz	Pass	6.00	14.60	14.60	23.98	13.25
5510MHz	Pass	6.00	13.52	13.52	23.98	12.25
5550MHz	Pass	6.00	18.97	18.97	23.98	17
5670MHz	Pass	6.00	15.96	15.96	23.98	13.5
5710MHz Straddle 5.47-5.725GHz	Pass	6.00	20.07	20.07	23.98	19
5710MHz Straddle 5.725-5.85GHz	Pass	6.00	10.51	10.51	30.00	19
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	6.00	14.43	14.43	23.98	12.75
5530MHz	Pass	6.00	14.11	14.11	23.98	12.75
5610MHz	Pass	6.00	16.84	16.84	23.98	15
5690MHz Straddle 5.47-5.725GHz	Pass	6.00	18.96	18.96	23.98	17.5
5690MHz Straddle 5.725-5.85GHz	Pass	6.00	5.67	5.67	30.00	17.5
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00	10.52	10.52	30.00	12
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	10.06	10.06	23.98	12
5570MHz	Pass	6.00	13.75	13.75	23.98	12

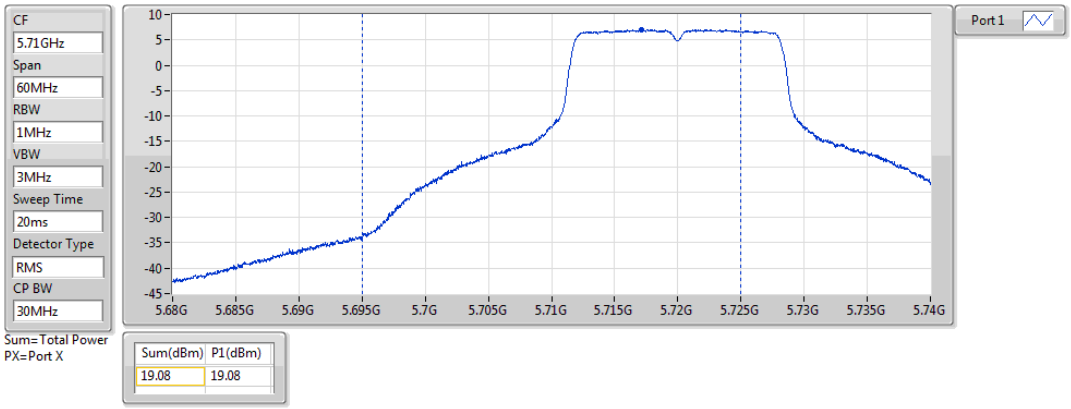
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

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

5720MHz Straddle 5.47-5.725GHz

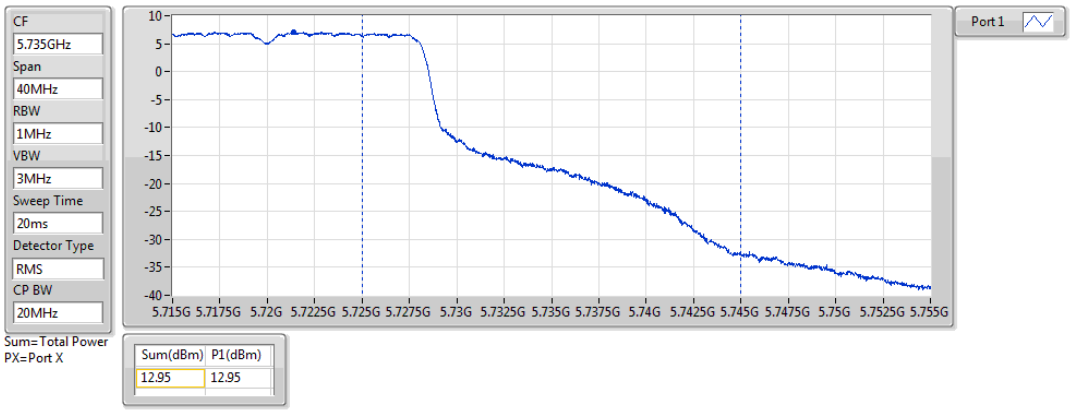
05/03/2019



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

5720MHz Straddle 5.725-5.85GHz

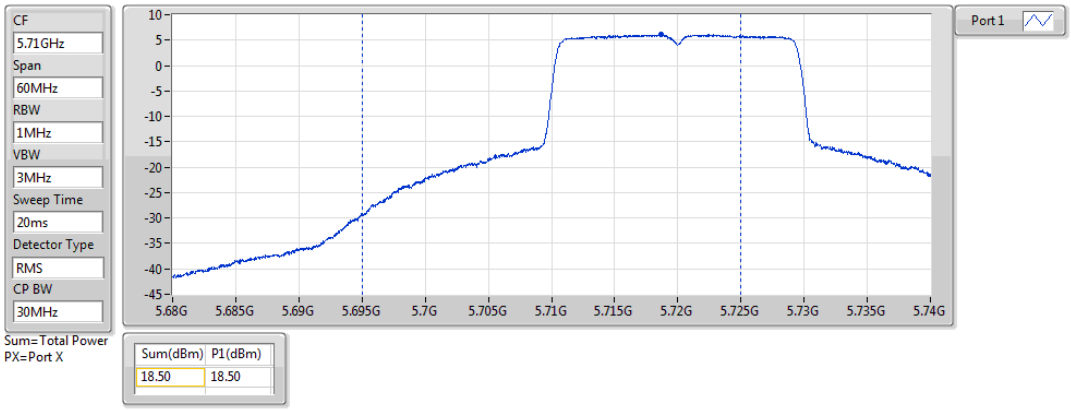
05/03/2019



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

5720MHz Straddle 5.47-5.725GHz

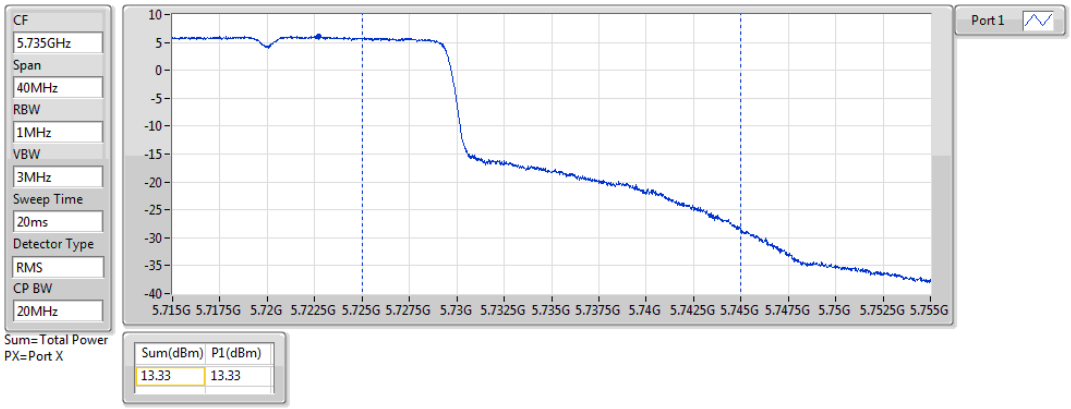
05/03/2019



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

5720MHz Straddle 5.725-5.85GHz

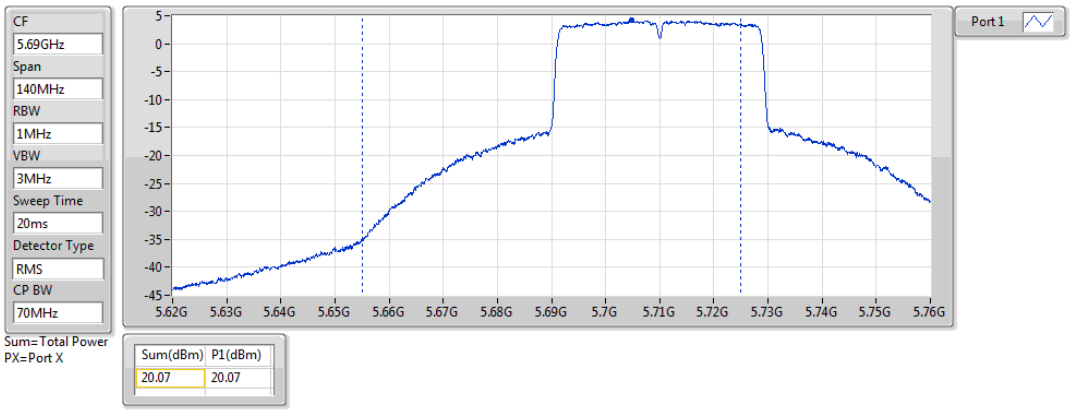
05/03/2019



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

5710MHz Straddle 5.47-5.725GHz

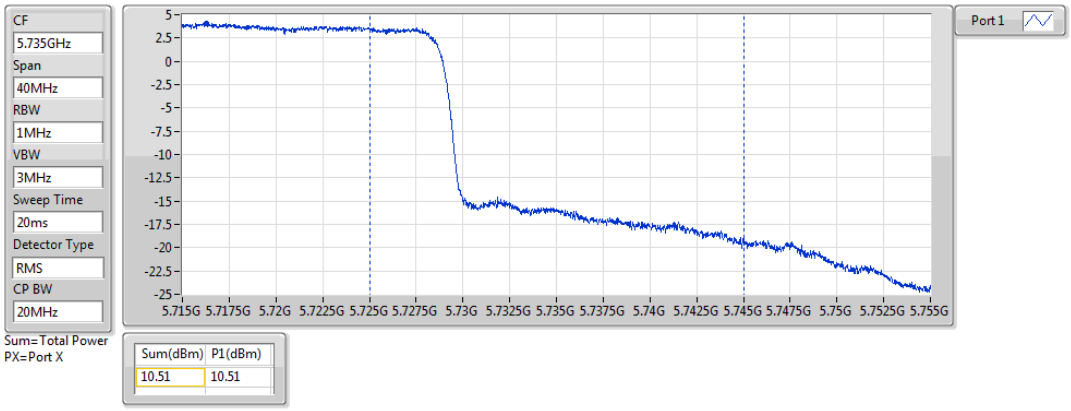
05/03/2019



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

5710MHz Straddle 5.725-5.85GHz

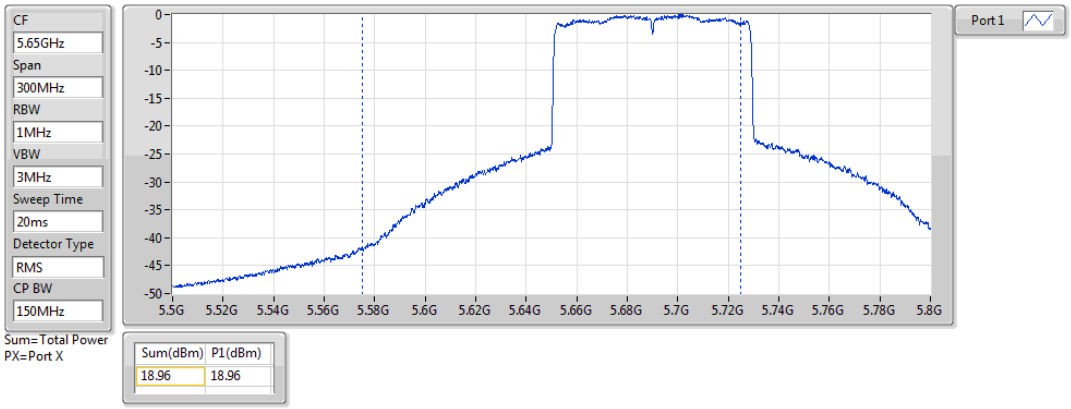
05/03/2019



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

5690MHz Straddle 5.47-5.725GHz

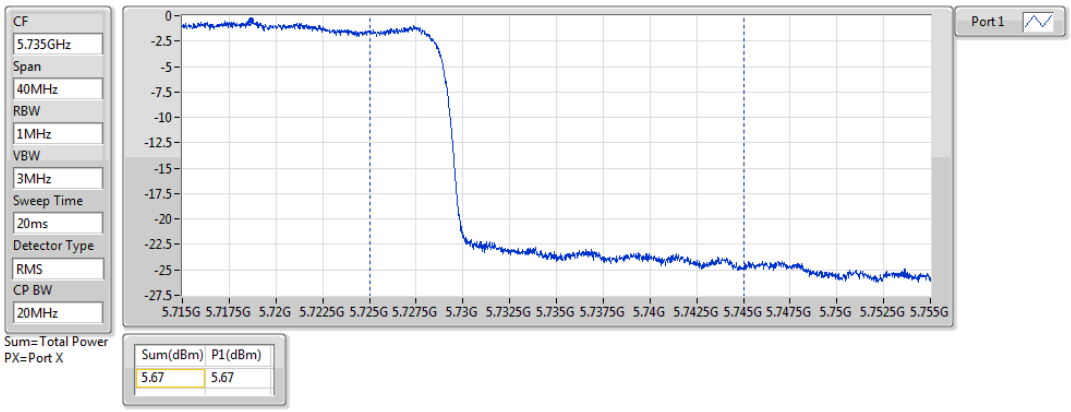
05/03/2019



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

5690MHz Straddle 5.725-5.85GHz

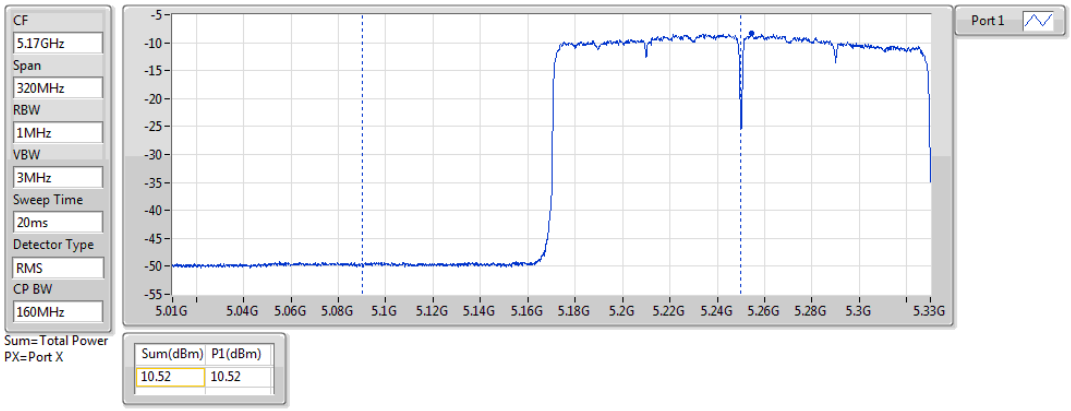
05/03/2019



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

5250MHz Straddle 5.15-5.25GHz

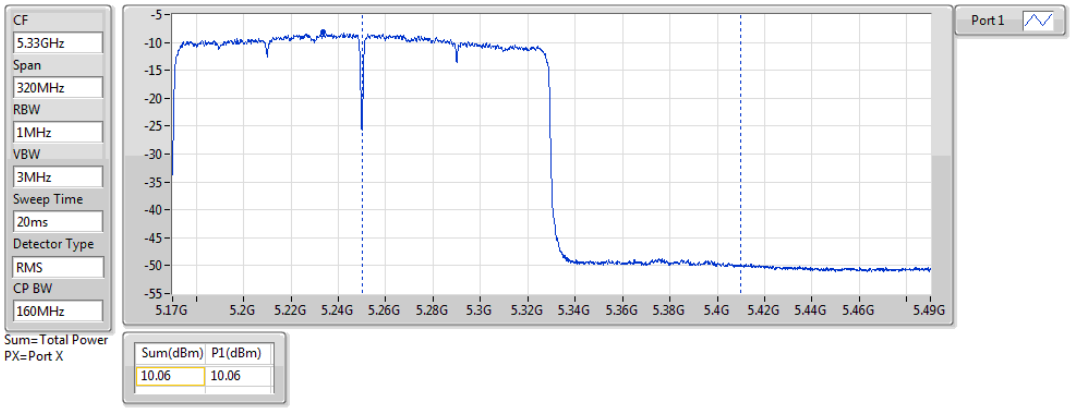
05/03/2019



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

5250MHz Straddle 5.25-5.35GHz

05/03/2019



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

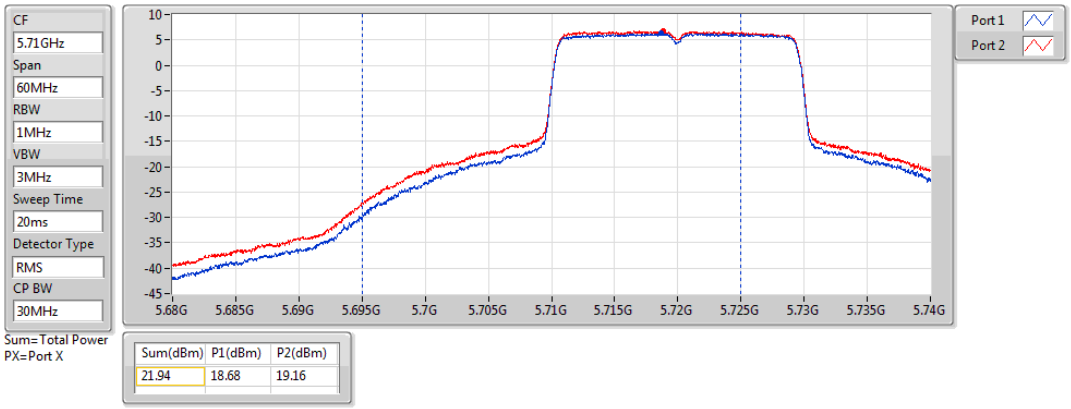
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

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

5720MHz Straddle 5.47-5.725GHz

07/03/2019

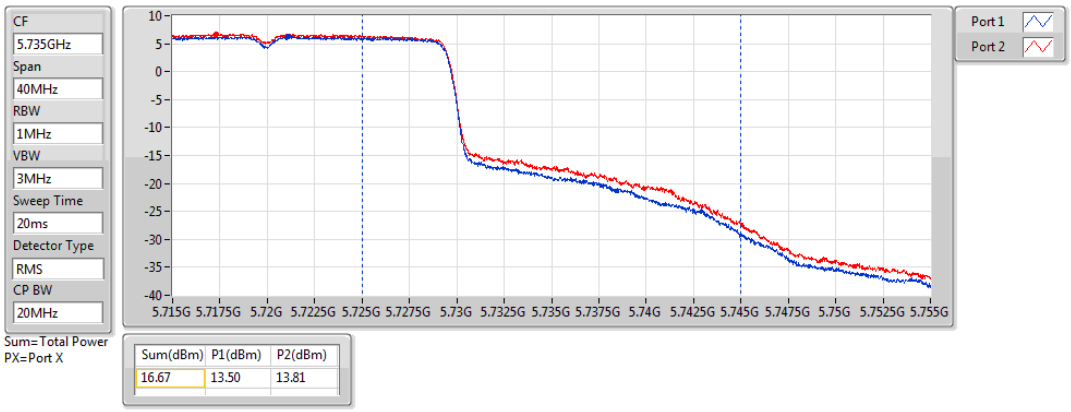


Sum(dBm)	P1(dBm)	P2(dBm)
21.94	18.68	19.16

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

5720MHz Straddle 5.725-5.85GHz

07/03/2019

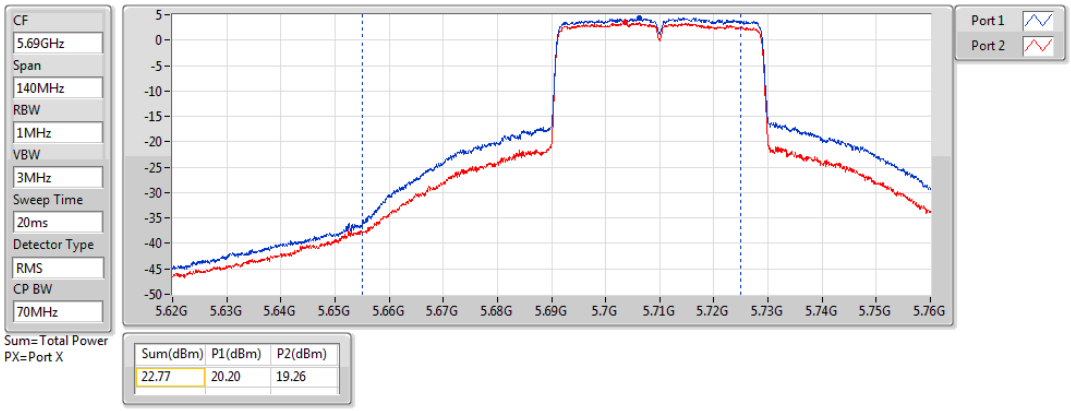


Sum(dBm)	P1(dBm)	P2(dBm)
16.67	13.50	13.81

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

5710MHz Straddle 5.47-5.725GHz

07/03/2019

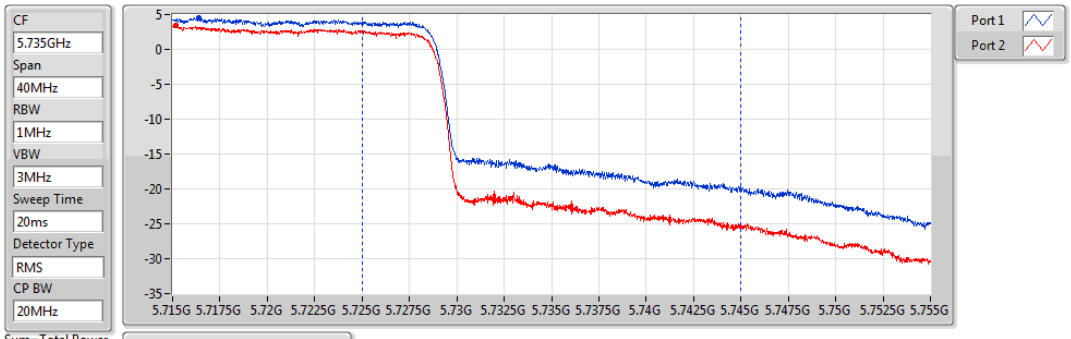


Sum(dBm)	P1(dBm)	P2(dBm)
22.77	20.20	19.26

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

5710MHz Straddle 5.725-5.85GHz

07/03/2019



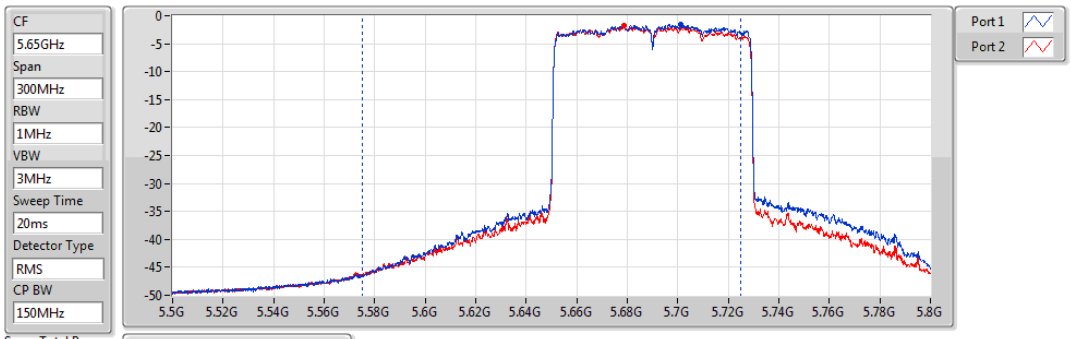
Sum=Total Power
PX=Port X

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

07/03/2019



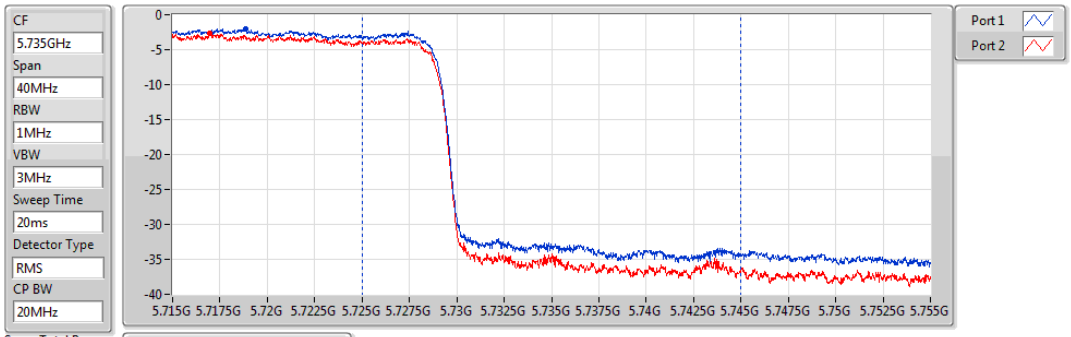
Sum=Total Power
PX=Port X

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

07/03/2019



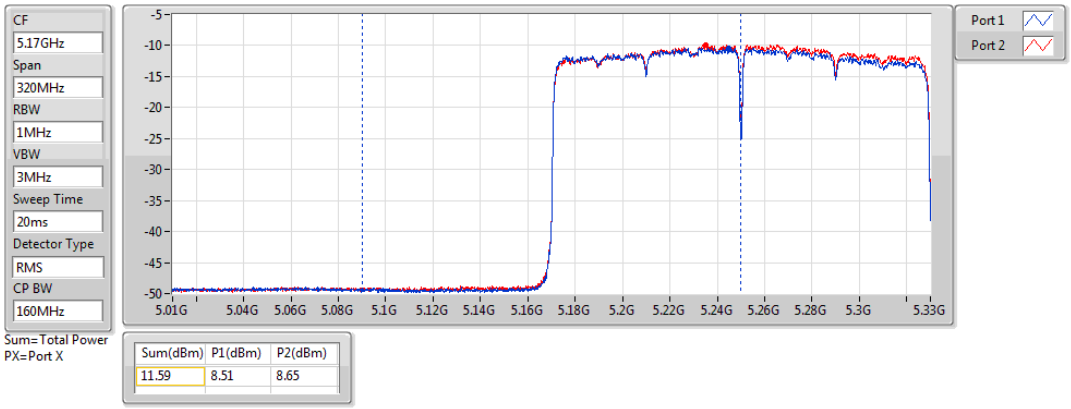
Sum=Total Power
PX=Port X

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

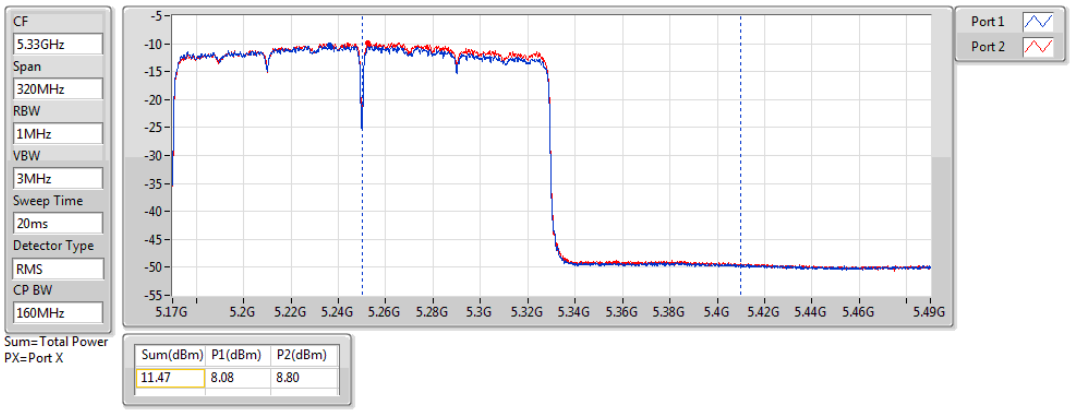
07/03/2019



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

5250MHz Straddle 5.25-5.35GHz

07/03/2019



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

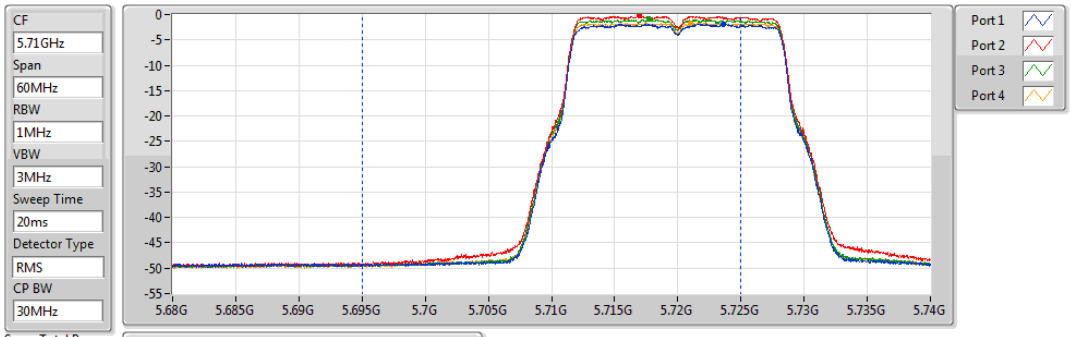
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

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

5720MHz Straddle 5.47-5.725GHz

07/03/2019



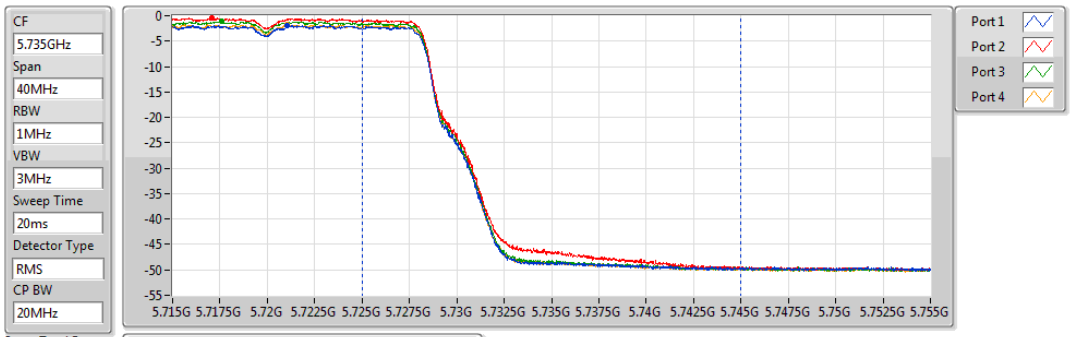
Sum=Total Power
PX=Port X

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

07/03/2019



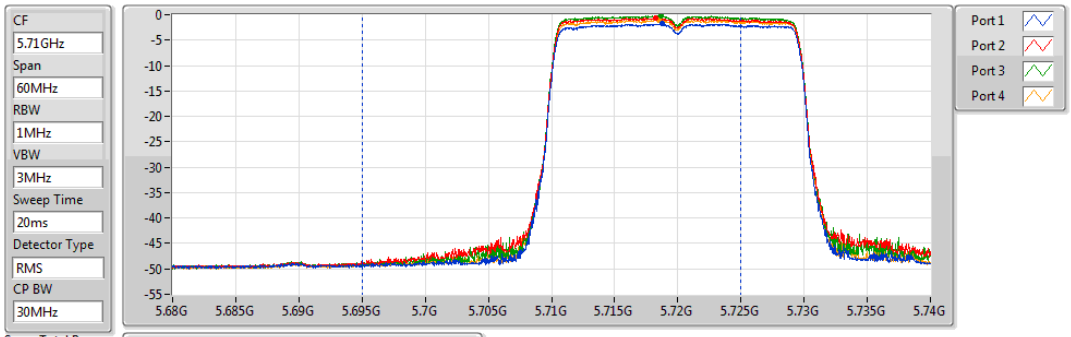
Sum=Total Power
PX=Port X

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

07/03/2019



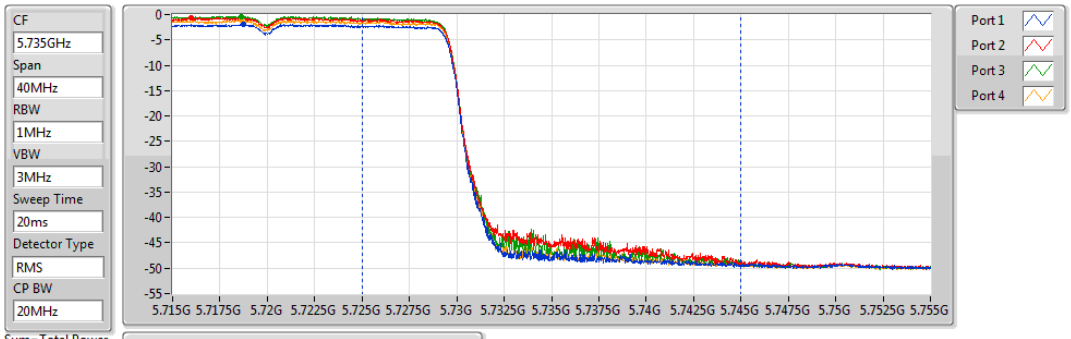
Sum=Total Power
PX=Port X

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

07/03/2019



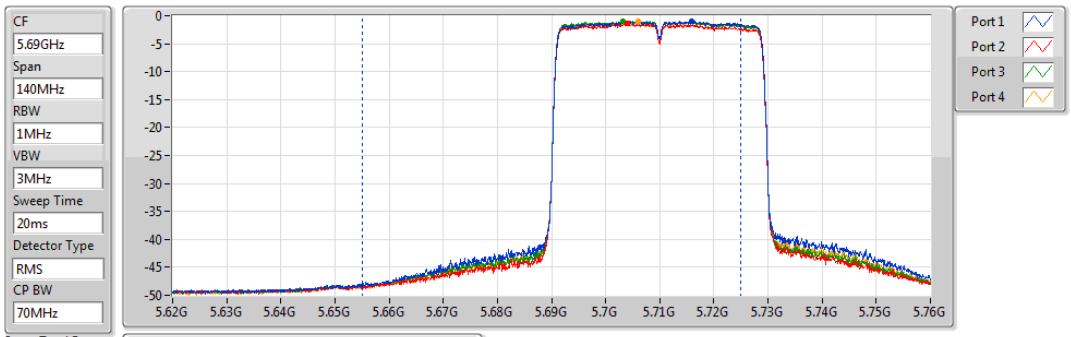
Sum=Total Power
PX=Port X

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

07/03/2019



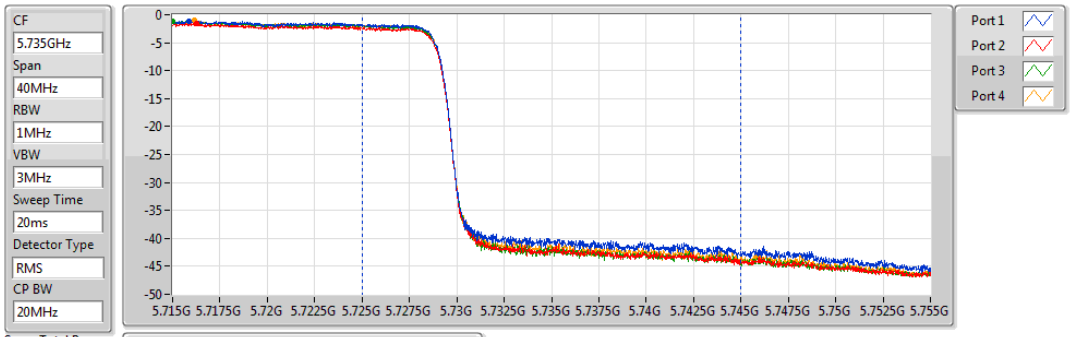
Sum=Total Power
PX=Port X

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

07/03/2019



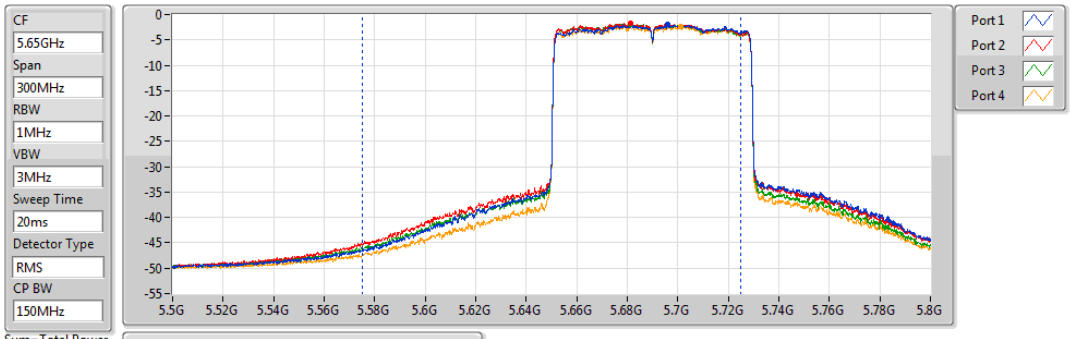
Sum=Total Power
PX=Port X

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

07/03/2019



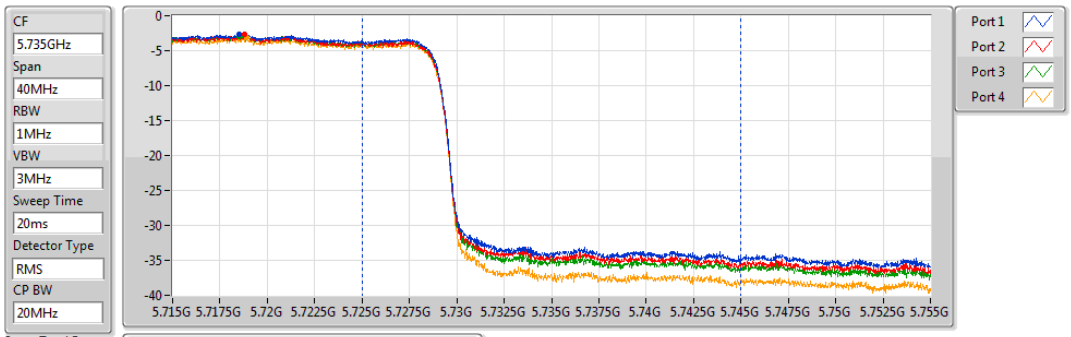
Sum=Total Power
PX=Port X

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

07/03/2019



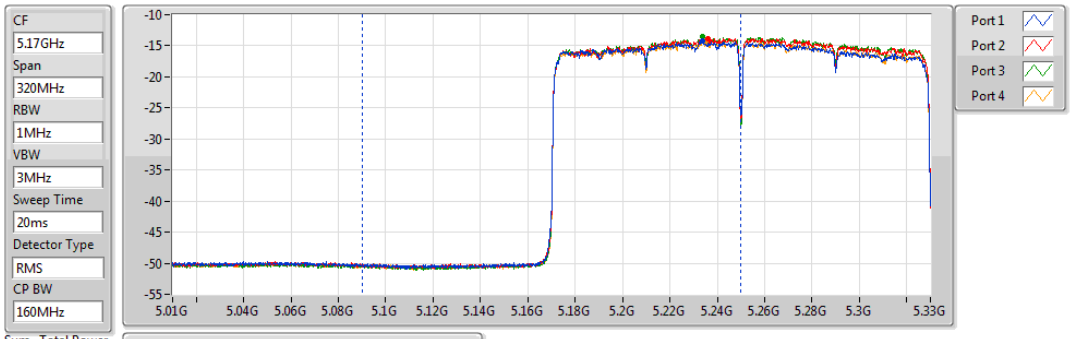
Sum=Total Power
PX=Port X

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

07/03/2019



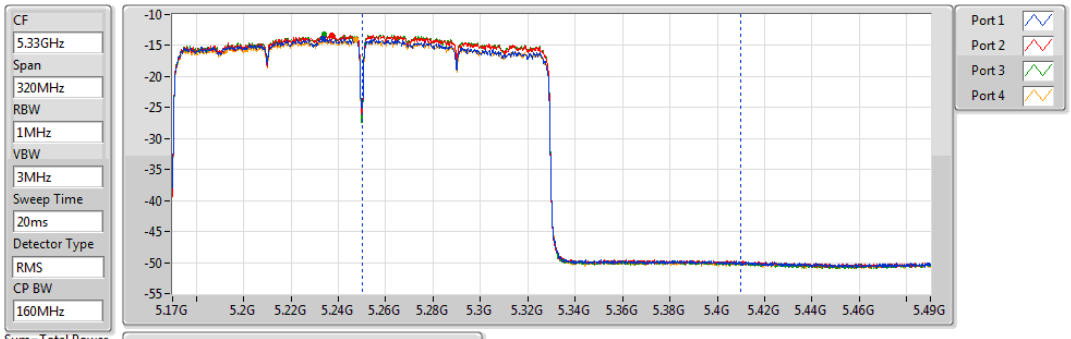
Sum=Total Power
PX=Port X

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



Sum=Total Power
PX=Port X

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

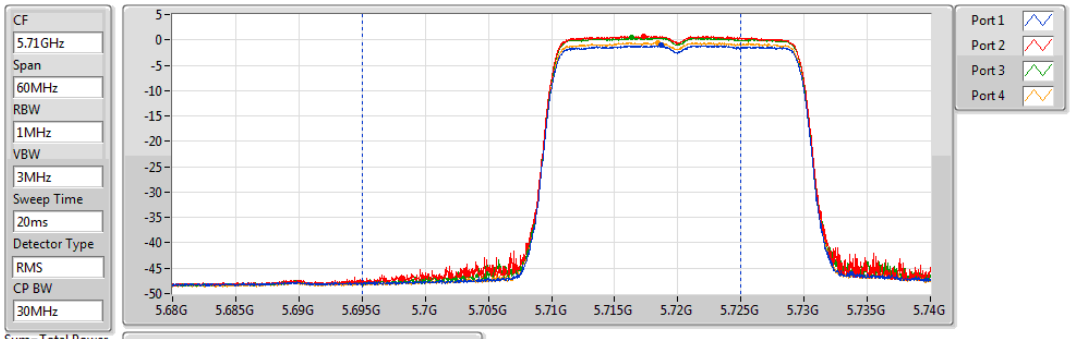
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

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

5720MHz Straddle 5.47-5.725GHz

06/03/2019



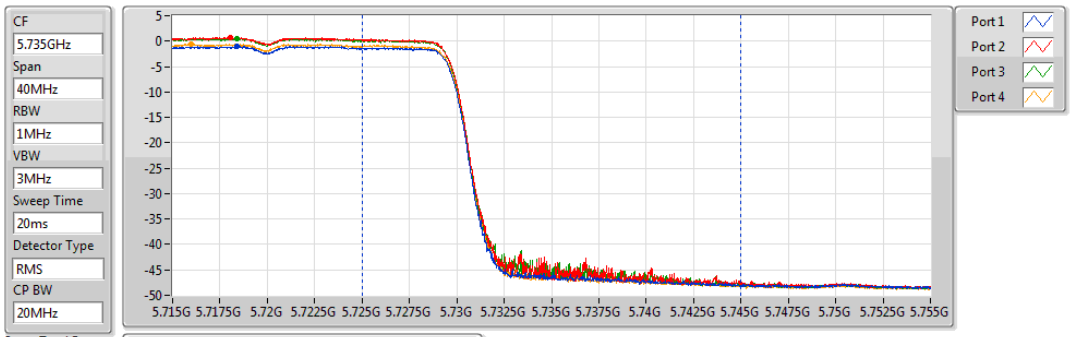
Sum=Total Power
PX=Port X

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

06/03/2019



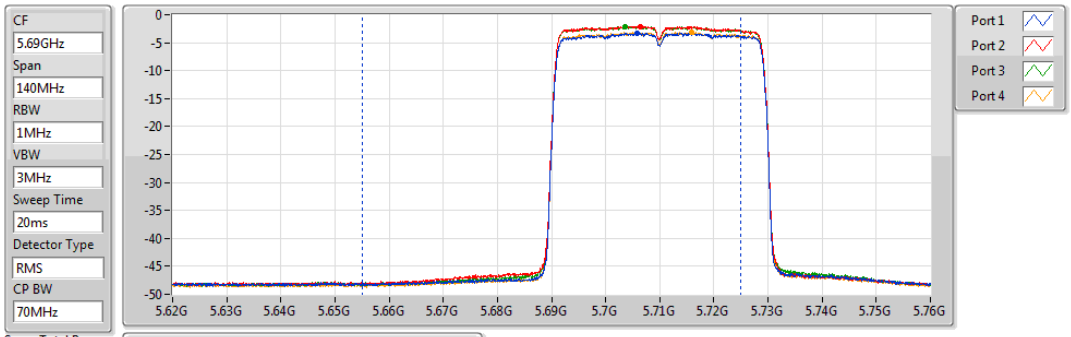
Sum=Total Power
PX=Port X

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

06/03/2019



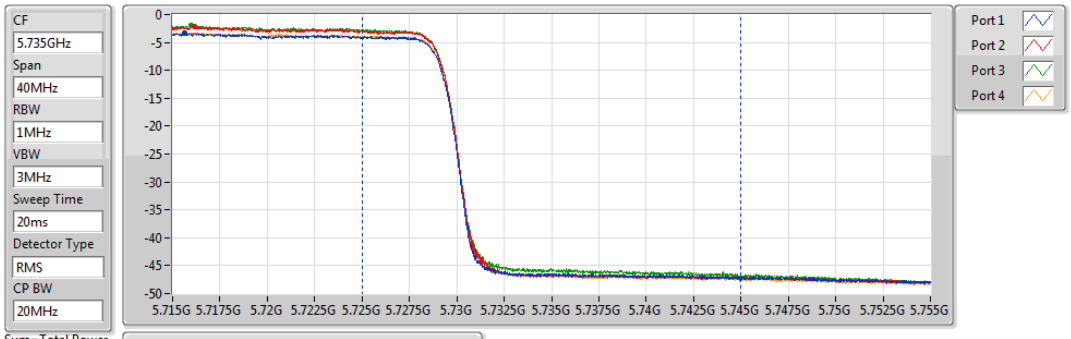
Sum=Total Power
PX=Port X

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

06/03/2019



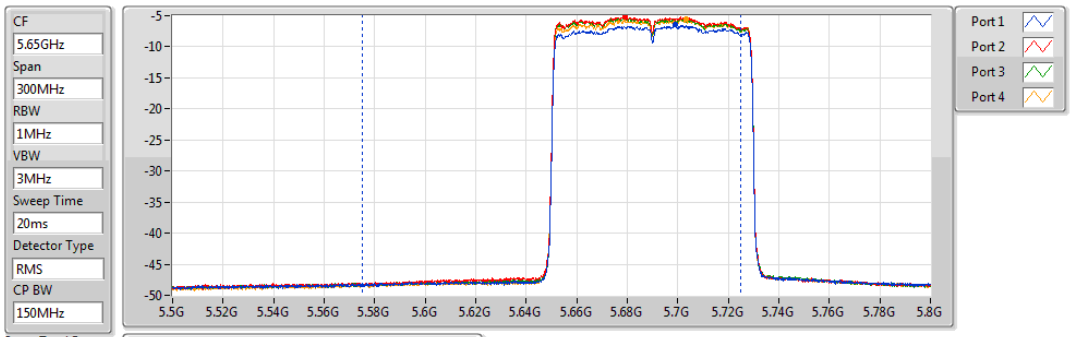
Sum=Total Power
PX=Port X

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

06/03/2019



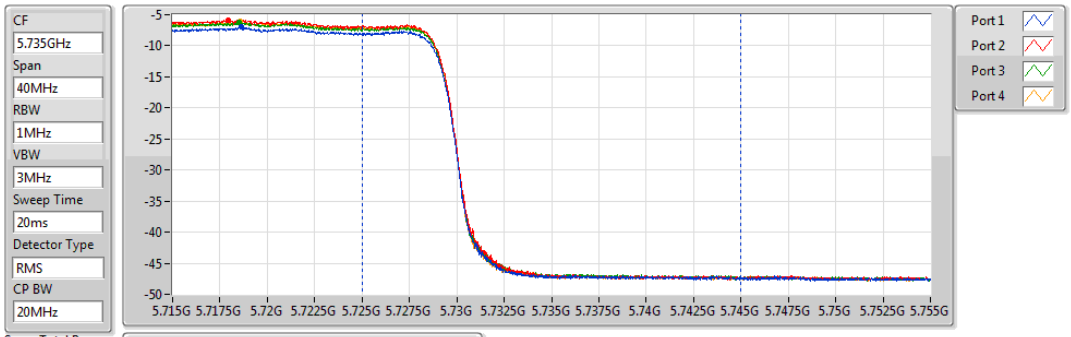
Sum=Total Power
PX=Port X

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

06/03/2019



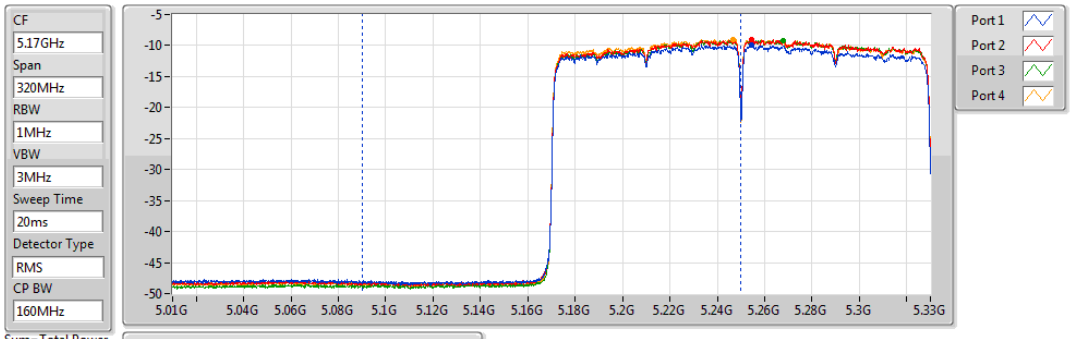
Sum=Total Power
PX=Port X

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



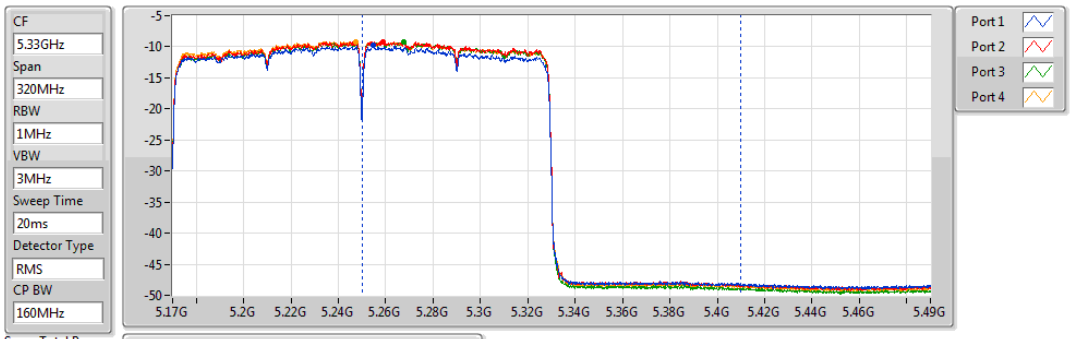
Sum=Total Power
PX=Port X

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=Total Power
PX=Port X

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

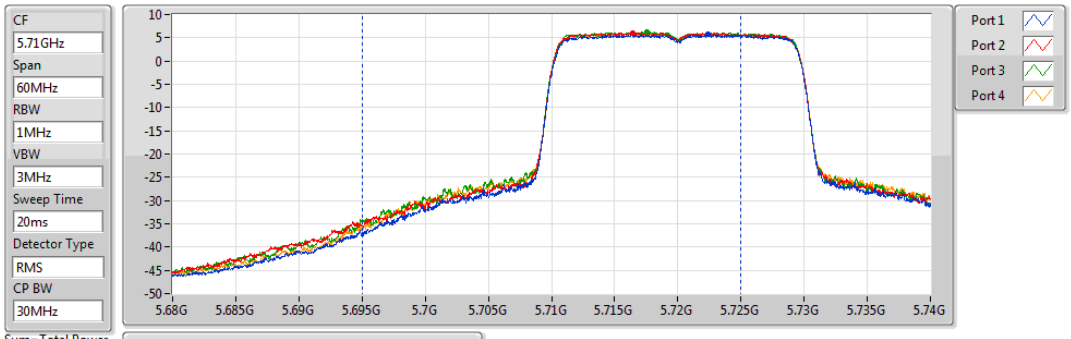
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

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

5720MHz Straddle 5.47-5.725GHz

07/03/2019



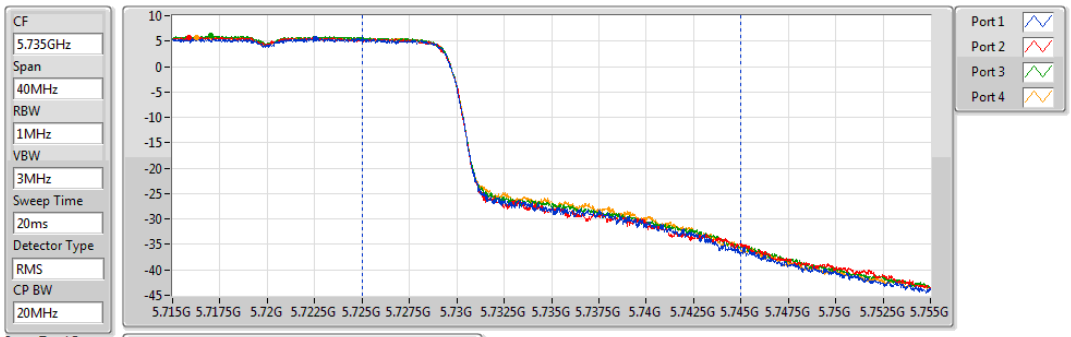
Sum=Total Power
PX=Port X

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

07/03/2019



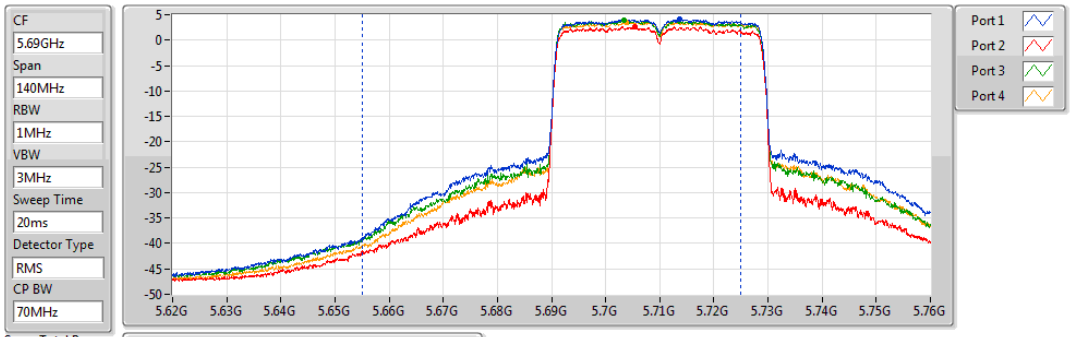
Sum=Total Power
PX=Port X

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

07/03/2019



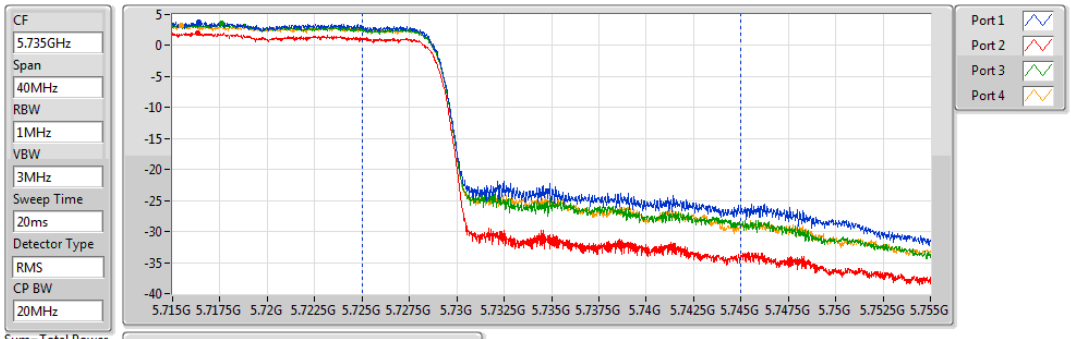
Sum=Total Power
PX=Port X

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

07/03/2019



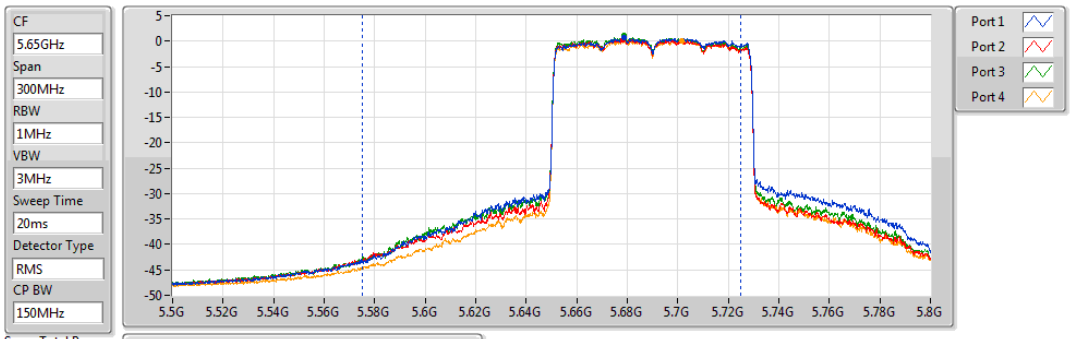
Sum=Total Power
PX=Port X

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

07/03/2019



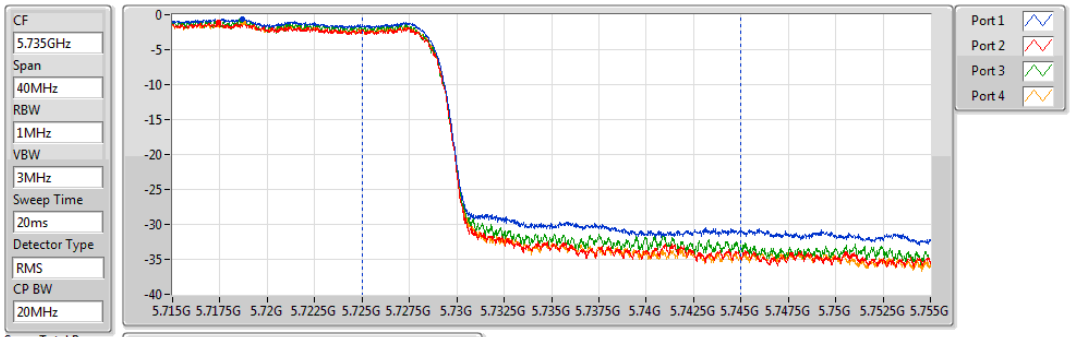
Sum=Total Power
PX=Port X

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

07/03/2019



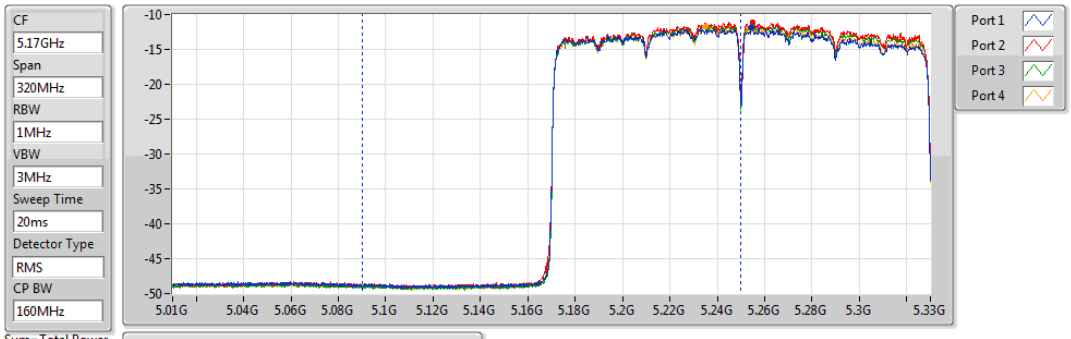
Sum=Total Power
PX=Port X

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

07/03/2019



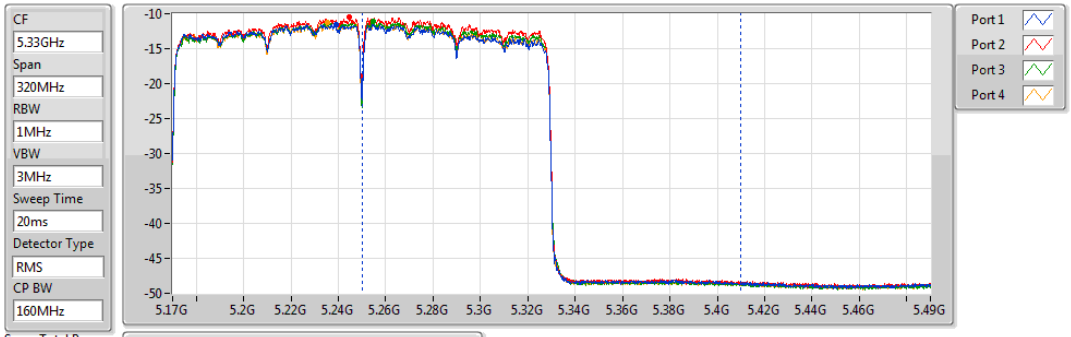
Sum=Total Power
PX=Port X

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

07/03/2019



Sum=Total Power
PX=Port X

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

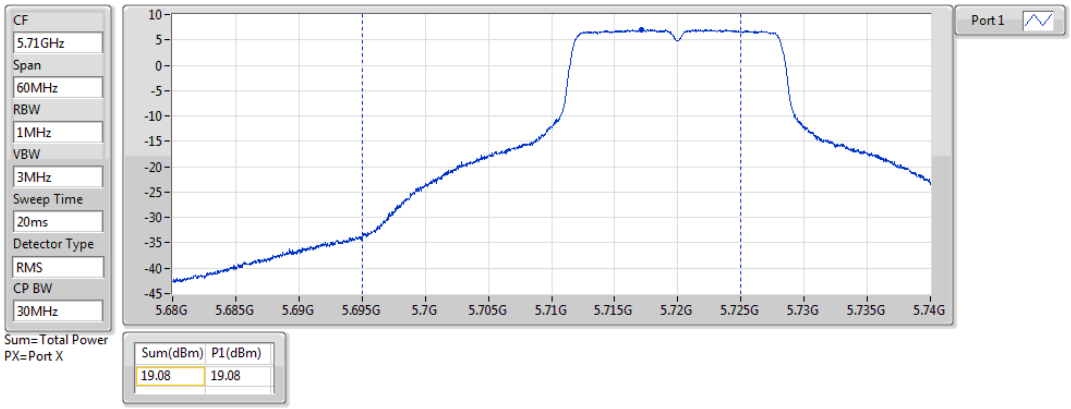
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

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

5720MHz Straddle 5.47-5.725GHz

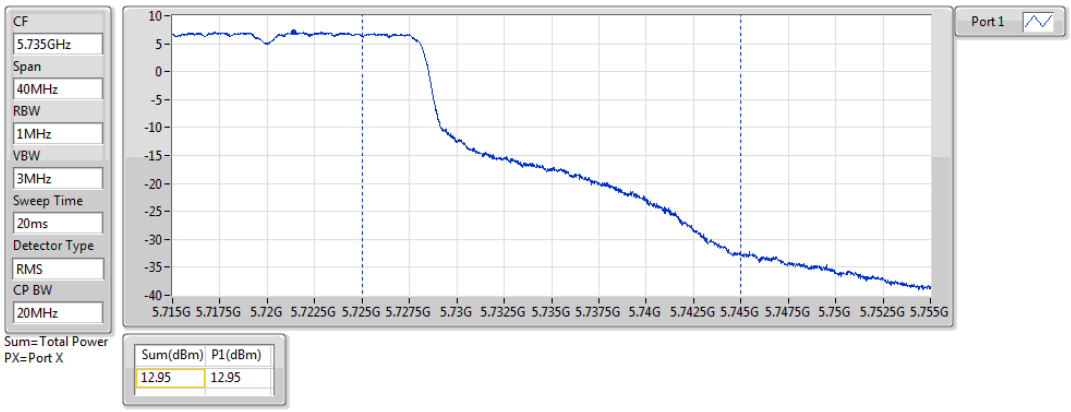
05/03/2019



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

5720MHz Straddle 5.725-5.85GHz

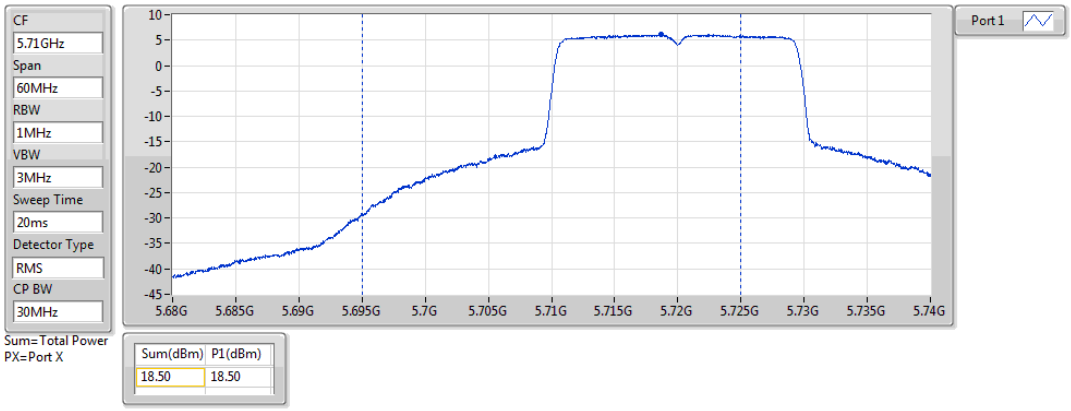
05/03/2019



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

5720MHz Straddle 5.47-5.725GHz

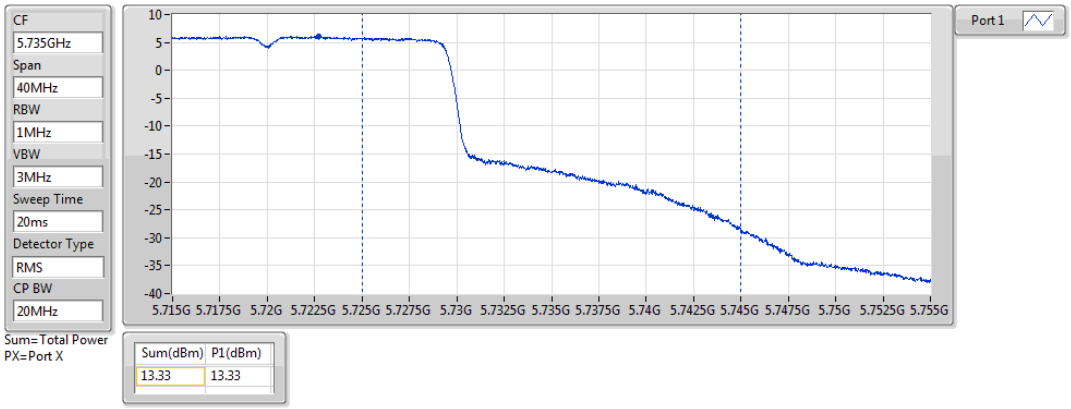
05/03/2019



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

5720MHz Straddle 5.725-5.85GHz

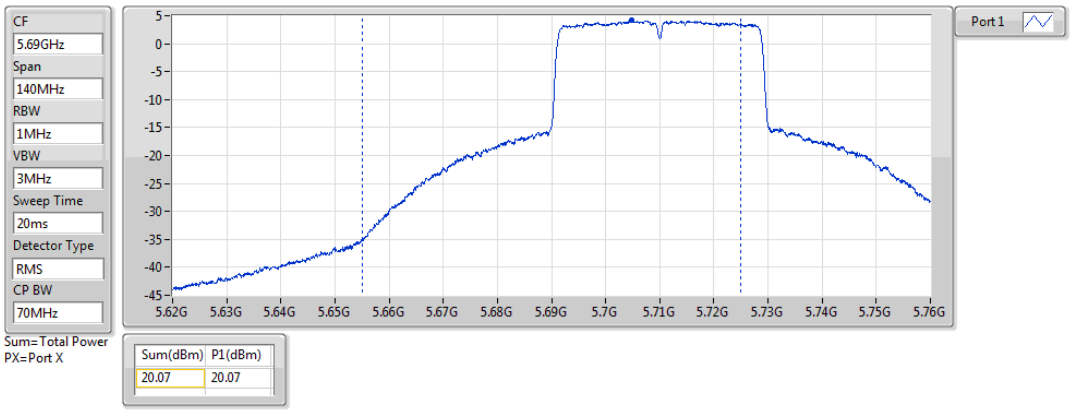
05/03/2019



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

5710MHz Straddle 5.47-5.725GHz

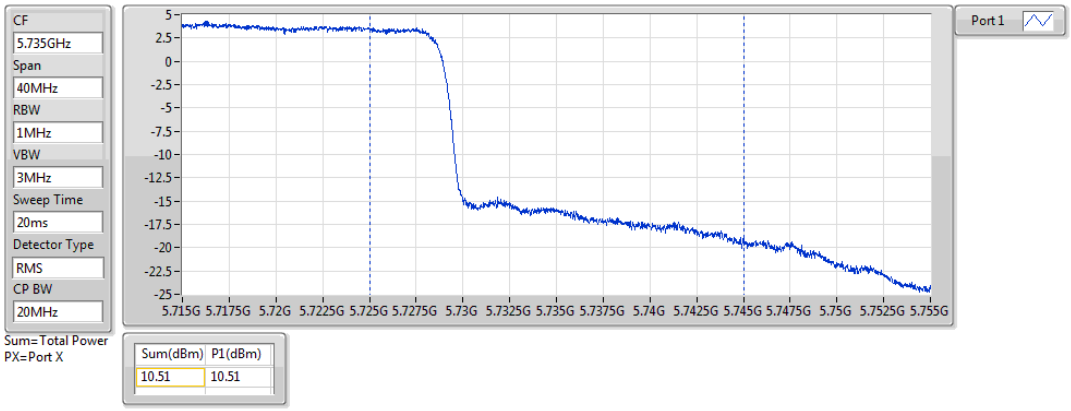
05/03/2019



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

5710MHz Straddle 5.725-5.85GHz

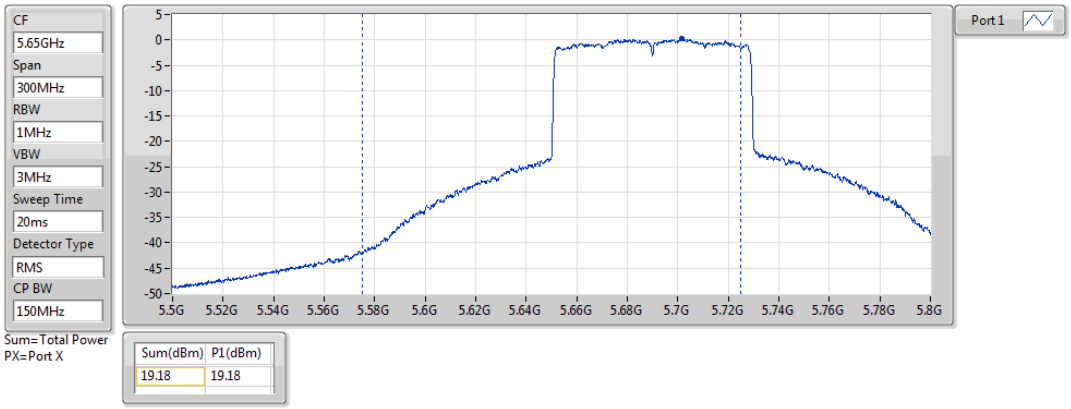
05/03/2019



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

5690MHz Straddle 5.47-5.725GHz

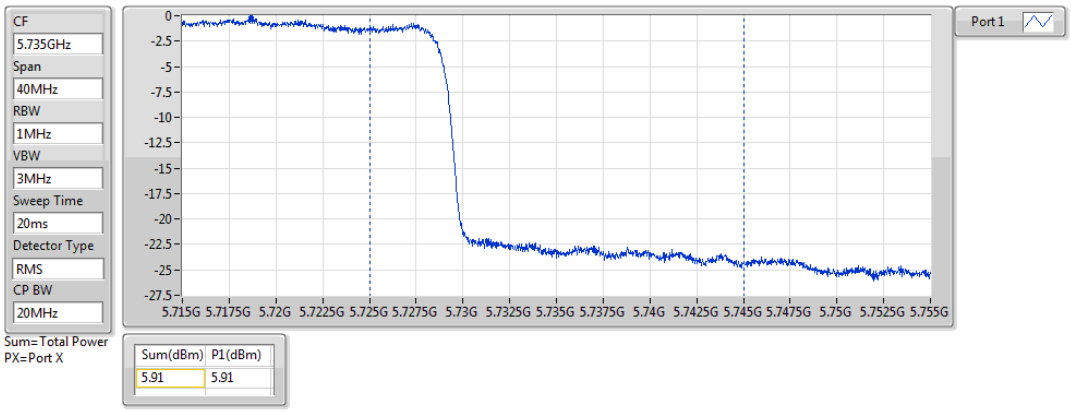
05/03/2019



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

5690MHz Straddle 5.725-5.85GHz

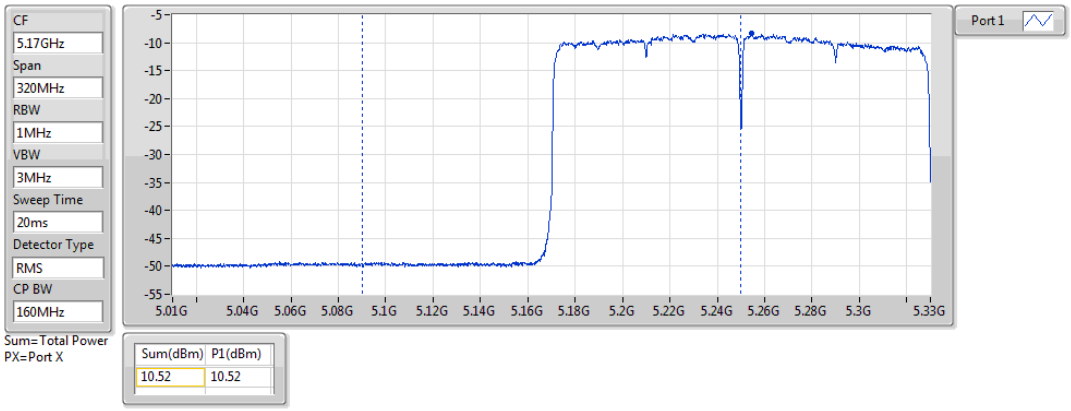
05/03/2019



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

5250MHz Straddle 5.15-5.25GHz

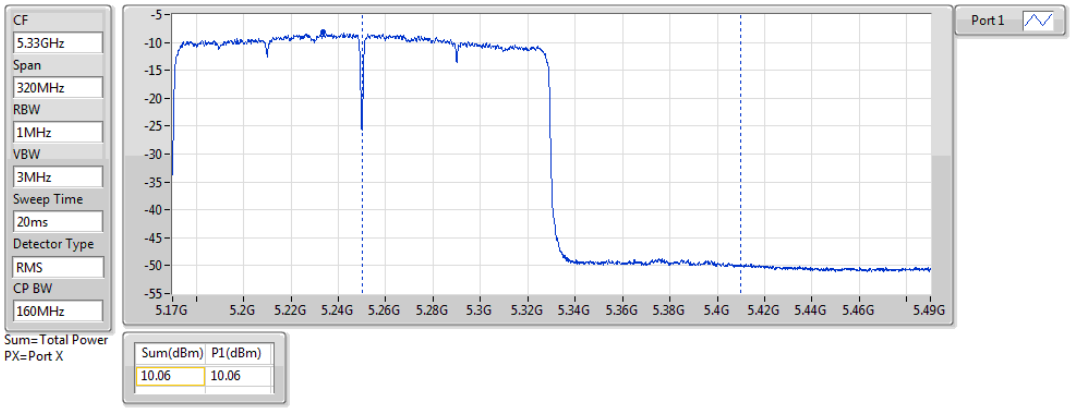
05/03/2019



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

5250MHz Straddle 5.25-5.35GHz

05/03/2019



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

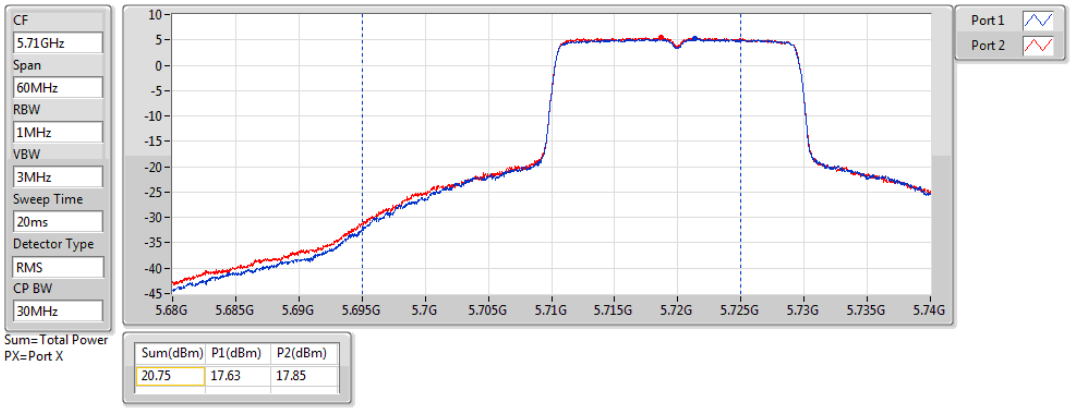
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

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

5720MHz Straddle 5.47-5.725GHz

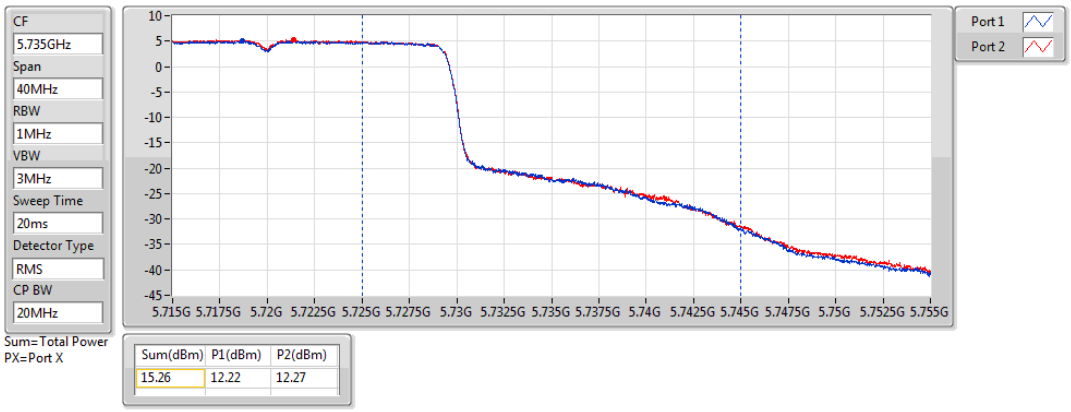
05/03/2019



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

5720MHz Straddle 5.725-5.85GHz

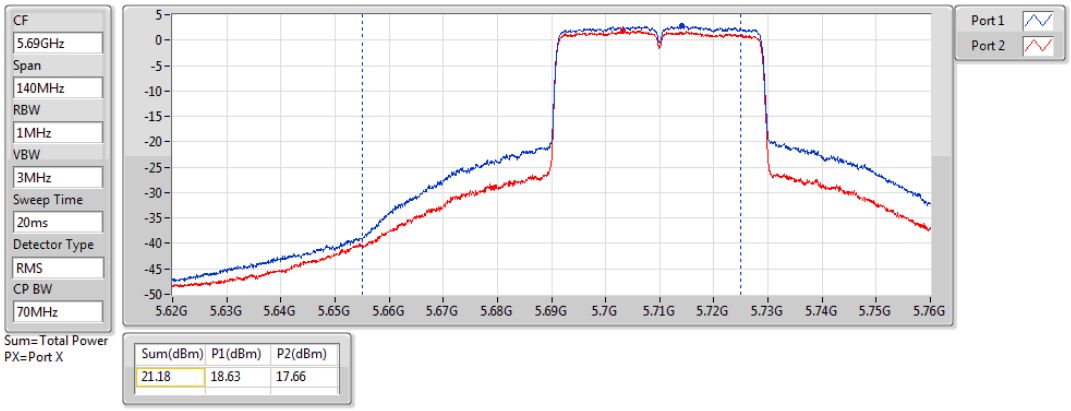
05/03/2019



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

5710MHz Straddle 5.47-5.725GHz

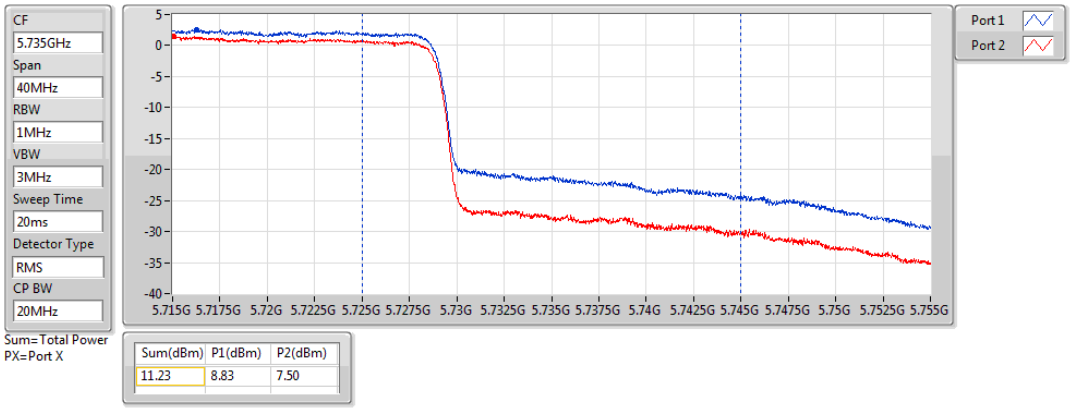
05/03/2019



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

5710MHz Straddle 5.725-5.85GHz

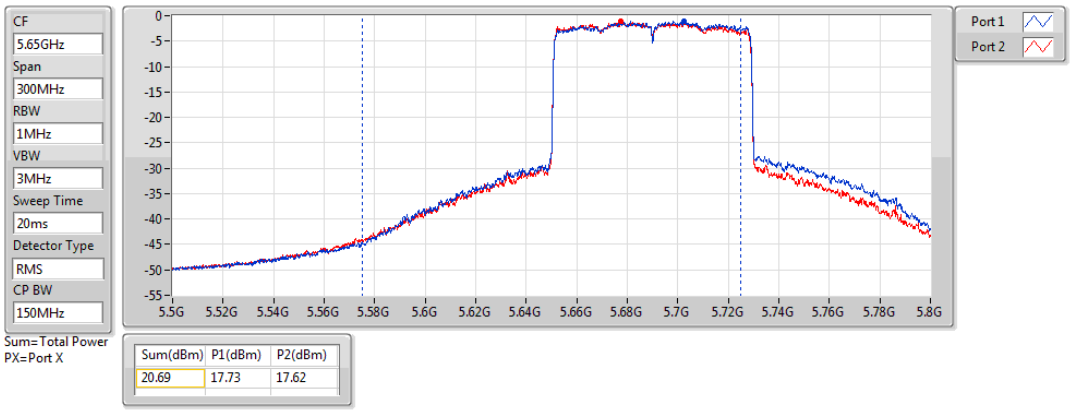
05/03/2019



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

5690MHz Straddle 5.47-5.725GHz

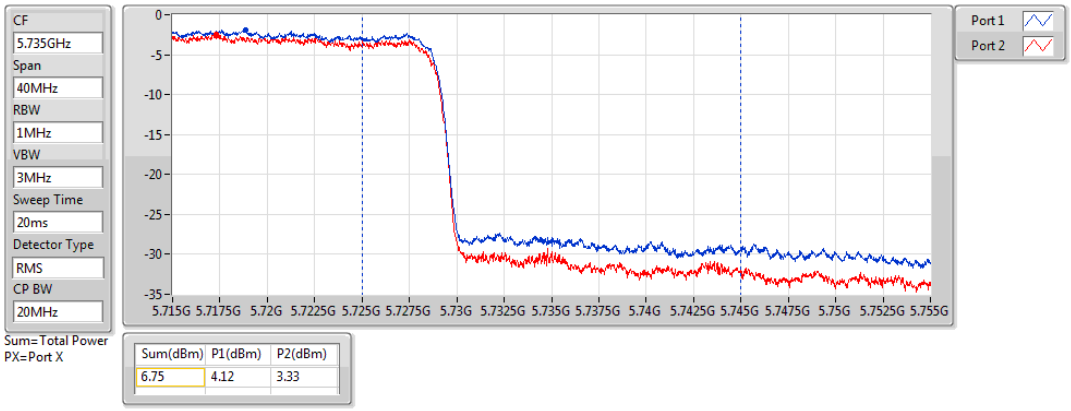
05/03/2019



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

5690MHz Straddle 5.725-5.85GHz

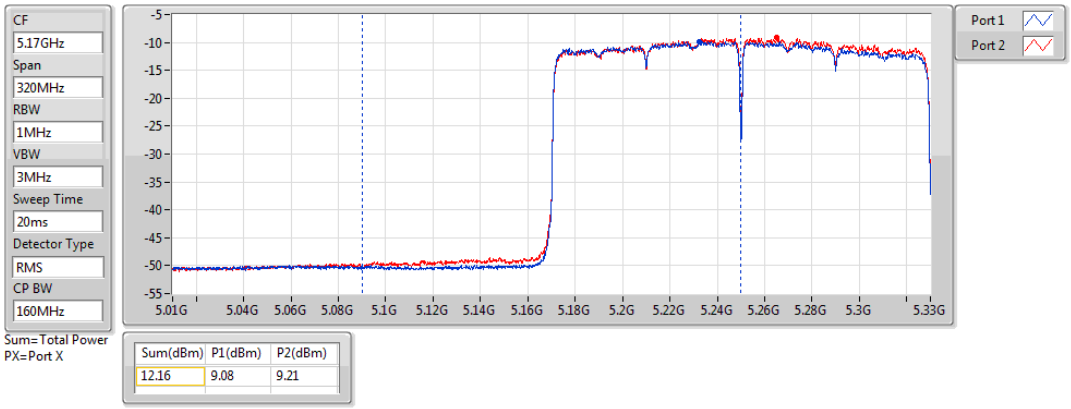
05/03/2019



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

5250MHz Straddle 5.15-5.25GHz

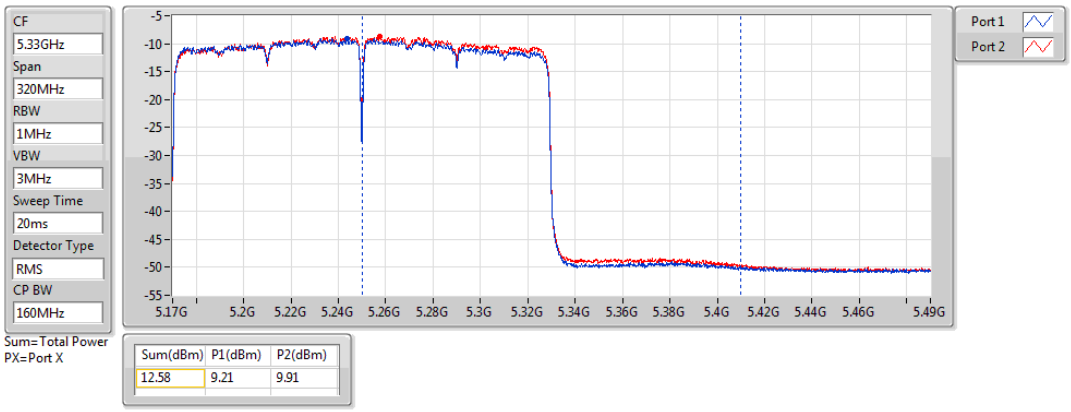
05/03/2019



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

5250MHz Straddle 5.25-5.35GHz

05/03/2019



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

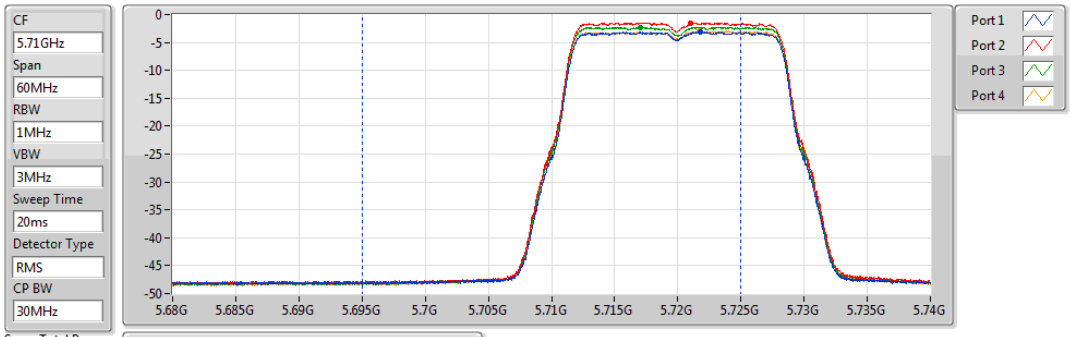
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

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

5720MHz Straddle 5.47-5.725GHz

04/03/2019



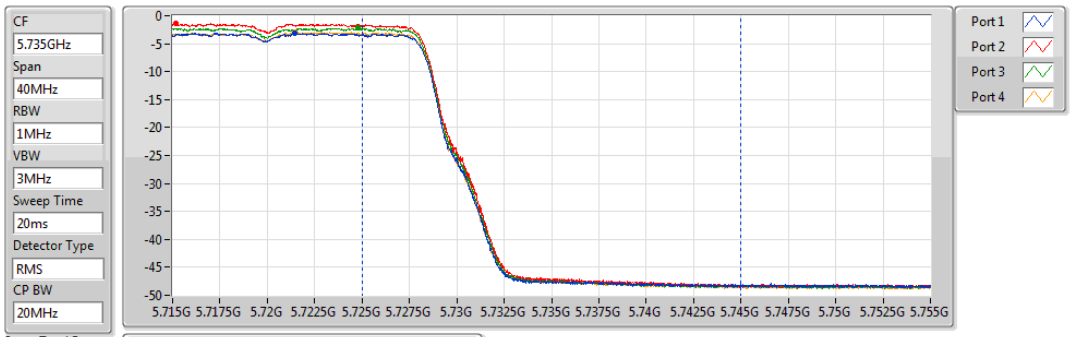
Sum=Total Power
PX=Port X

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

04/03/2019



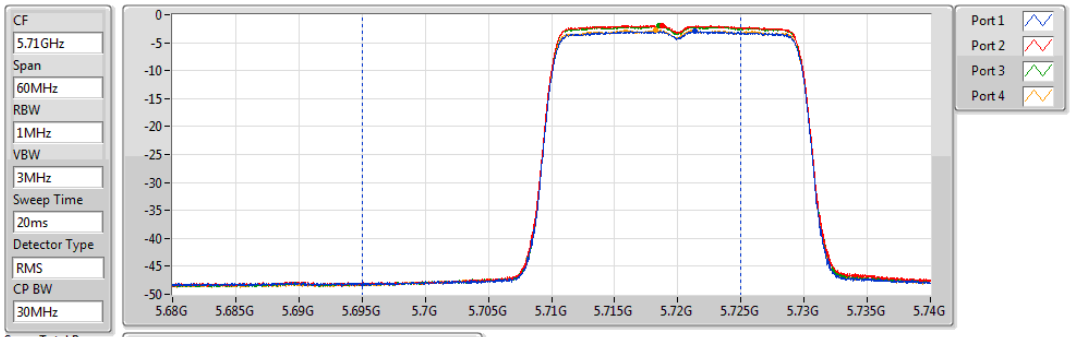
Sum=Total Power
PX=Port X

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

04/03/2019



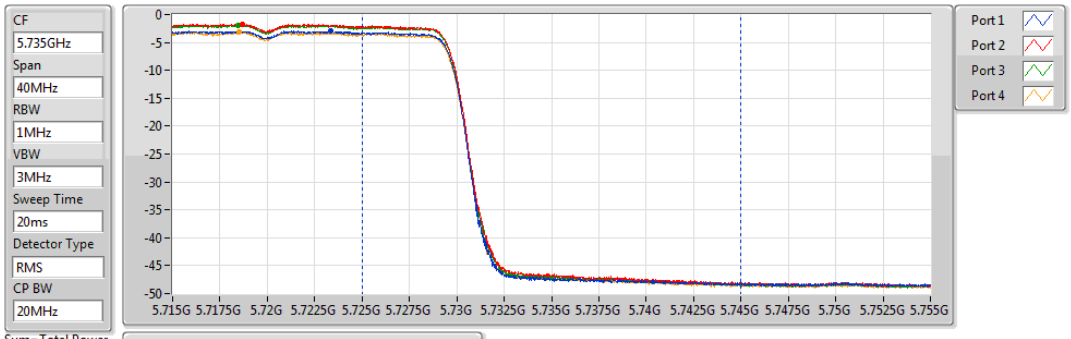
Sum=Total Power
PX=Port X

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

04/03/2019



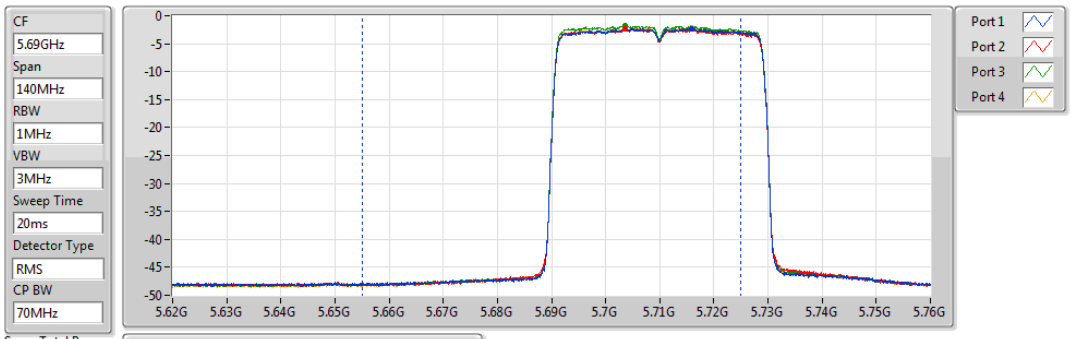
Sum=Total Power
PX=Port X

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

04/03/2019



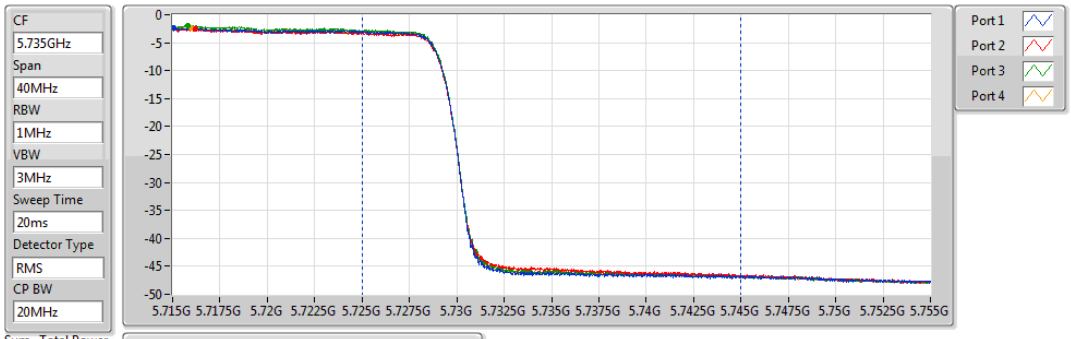
Sum=Total Power
PX=Port X

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

04/03/2019



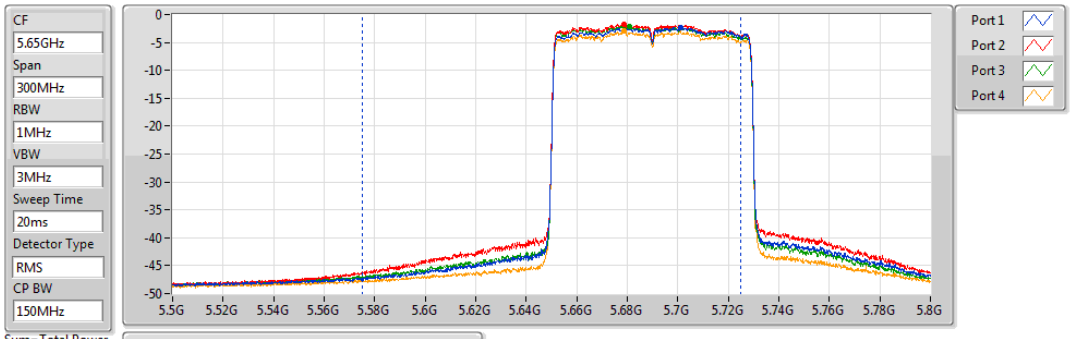
Sum=Total Power
PX=Port X

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



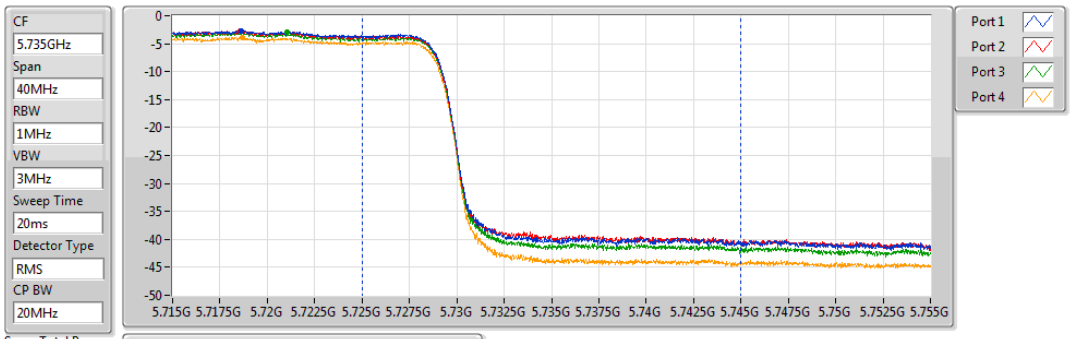
Sum=Total Power
PX=Port X

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



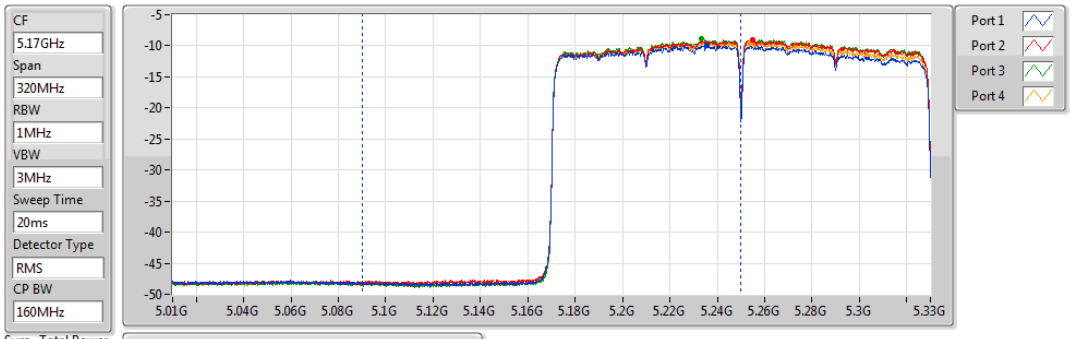
Sum=Total Power
PX=Port X

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



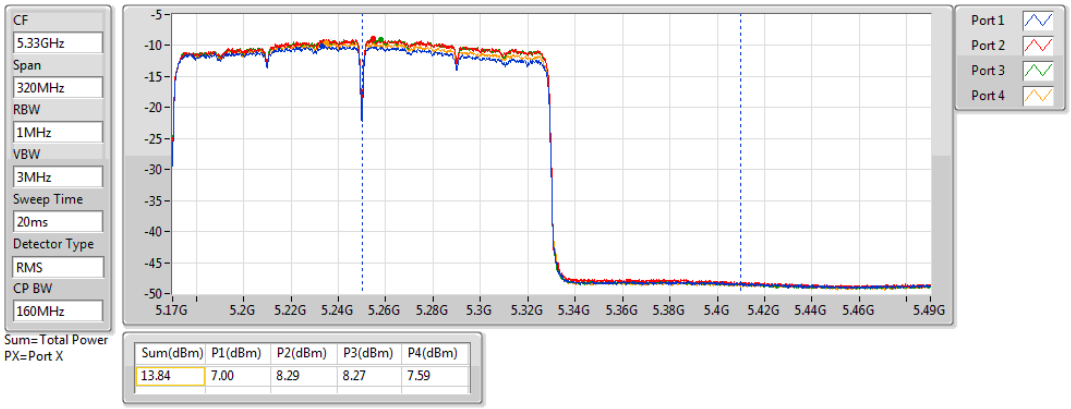
Sum=Total Power
PX=Port X

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



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

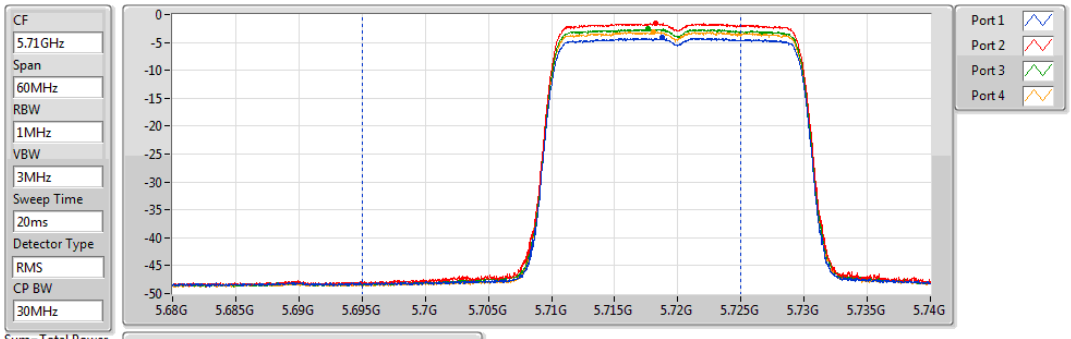
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

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

5720MHz Straddle 5.47-5.725GHz

06/03/2019



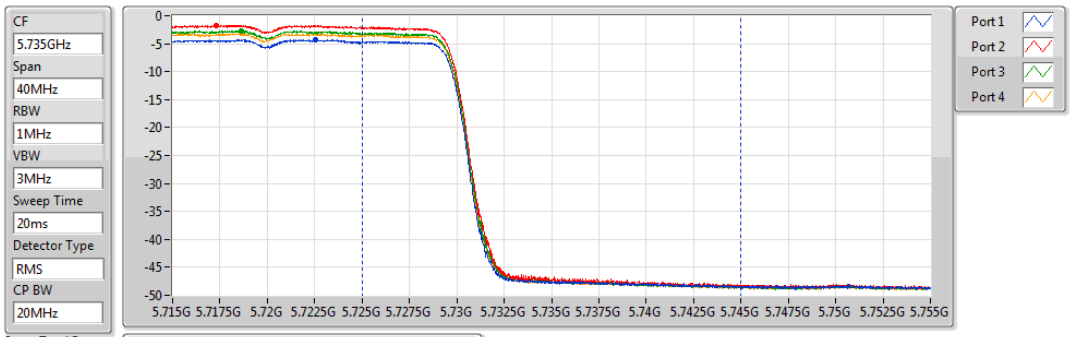
Sum=Total Power
PX=Port X

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

06/03/2019



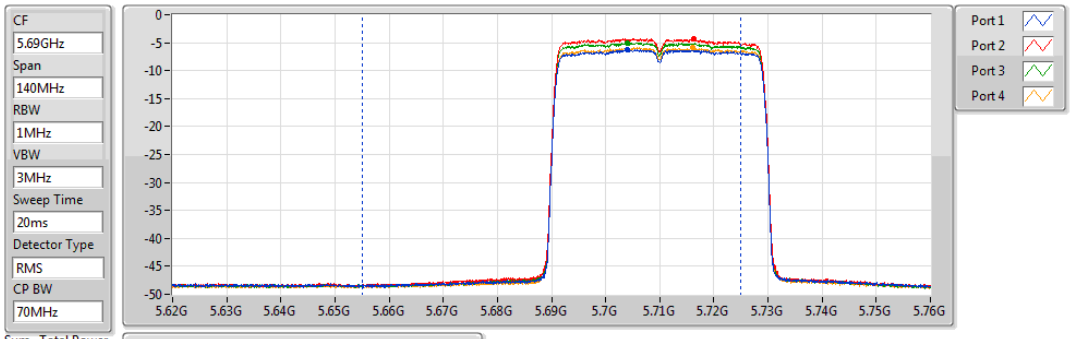
Sum=Total Power
PX=Port X

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

06/03/2019



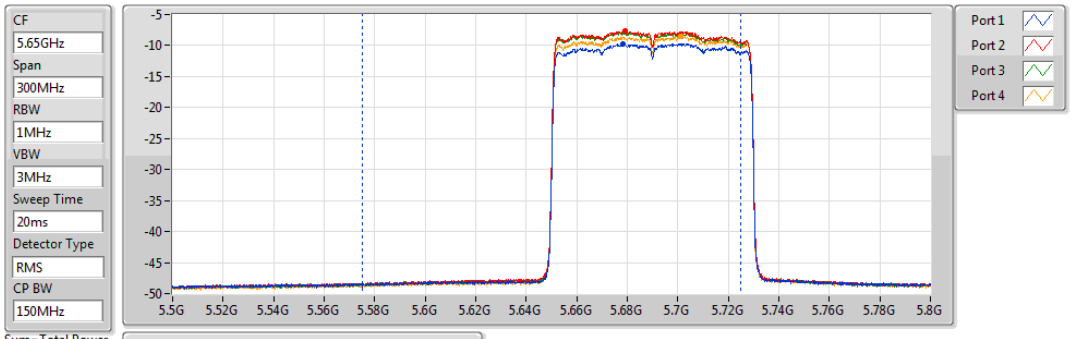
Sum=Total Power
PX=Port X

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



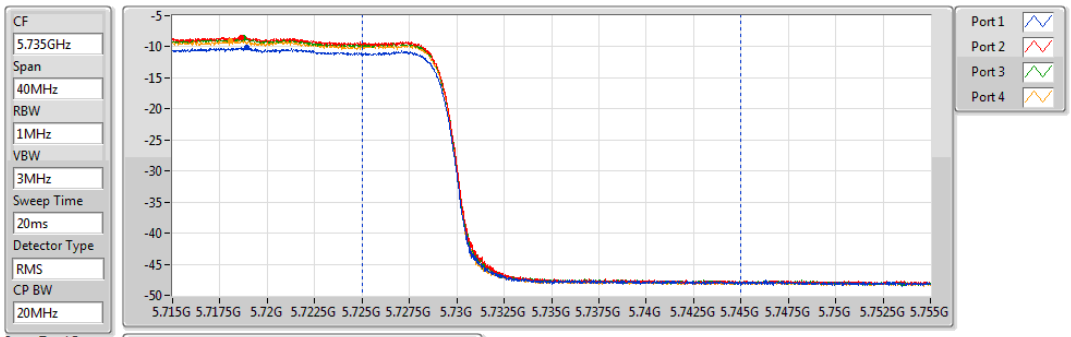
Sum=Total Power
PX=Port X

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



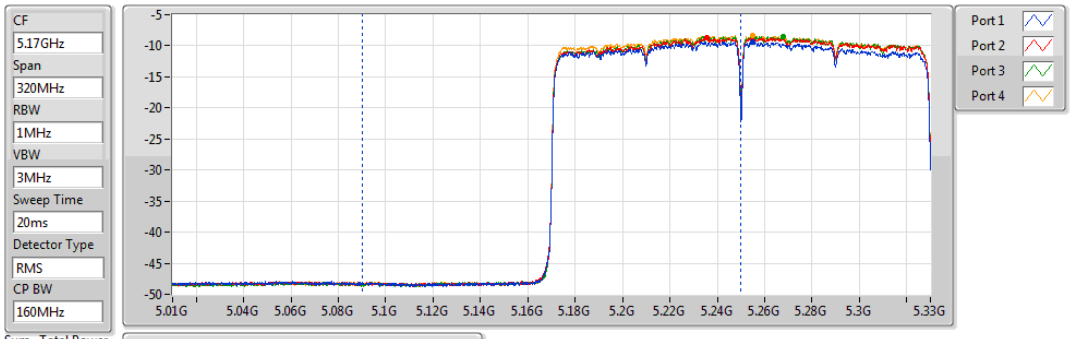
Sum=Total Power
PX=Port X

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



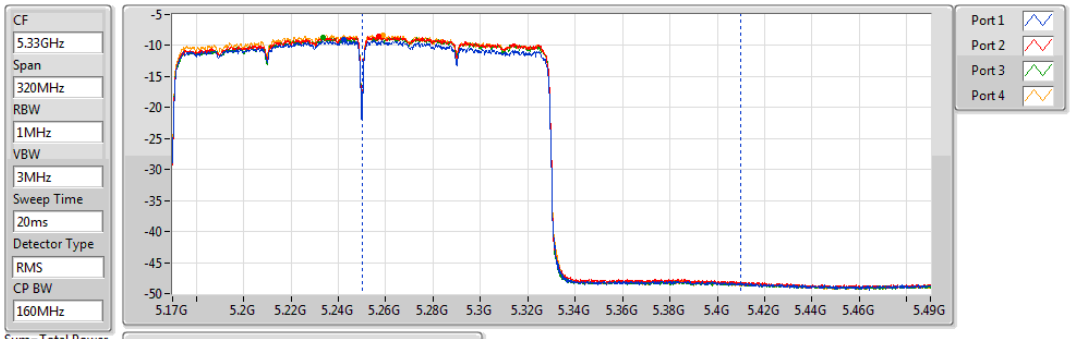
Sum=Total Power
PX=Port X

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



Sum=Total Power
PX=Port X

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

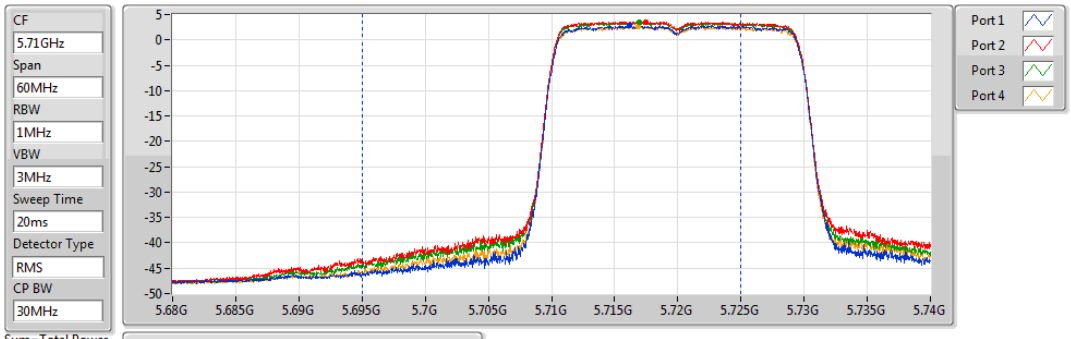
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

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

5720MHz Straddle 5.47-5.725GHz

05/03/2019



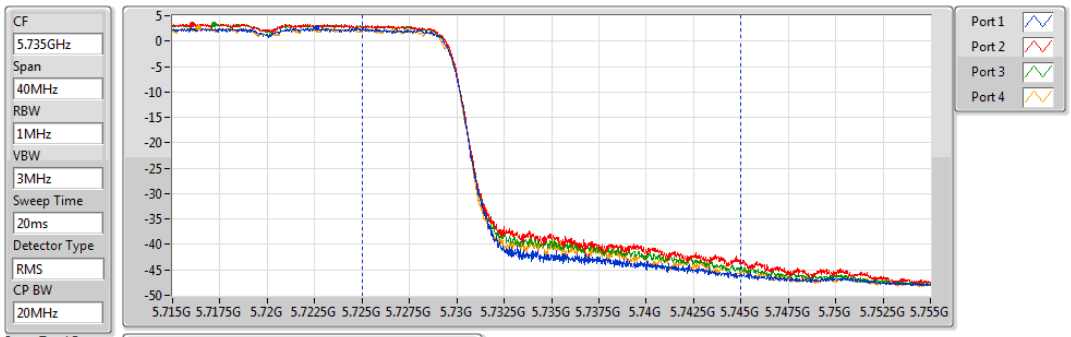
Sum=Total Power
PX=Port X

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

05/03/2019



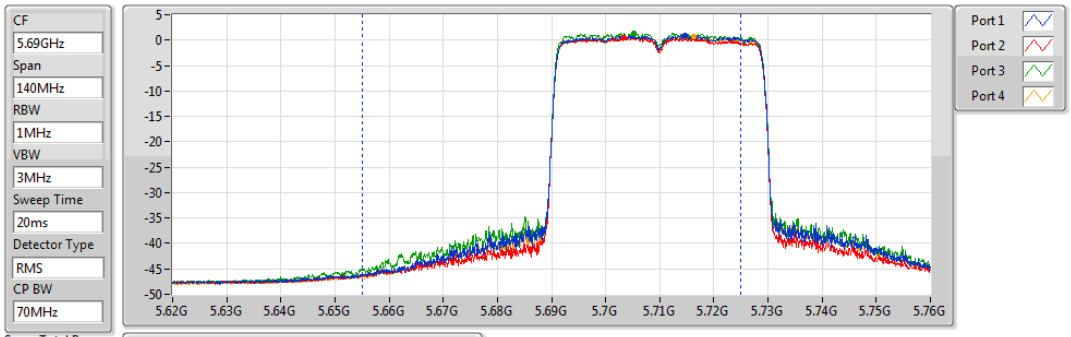
Sum=Total Power
PX=Port X

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

05/03/2019



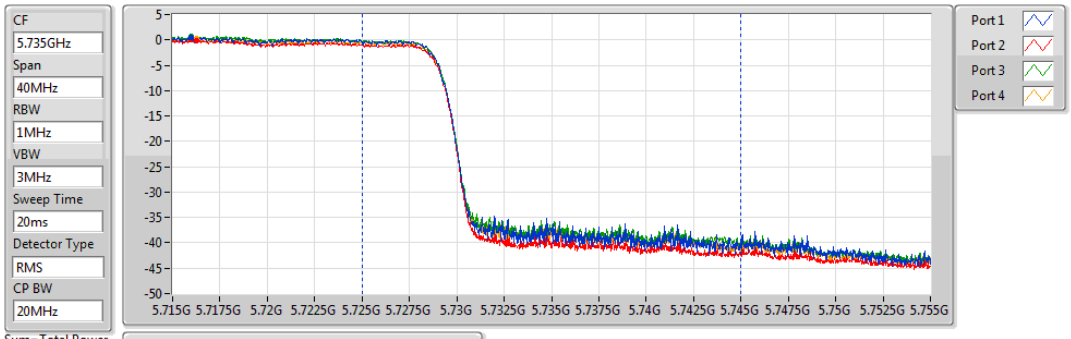
Sum=Total Power
PX=Port X

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

05/03/2019



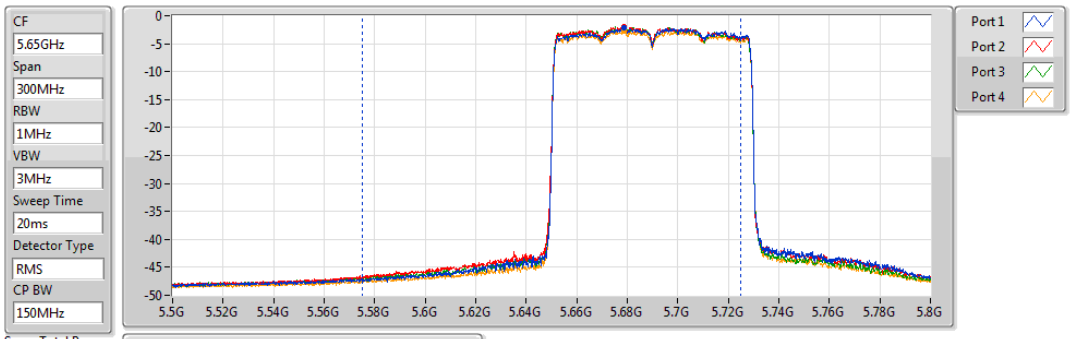
Sum=Total Power
PX=Port X

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

05/03/2019



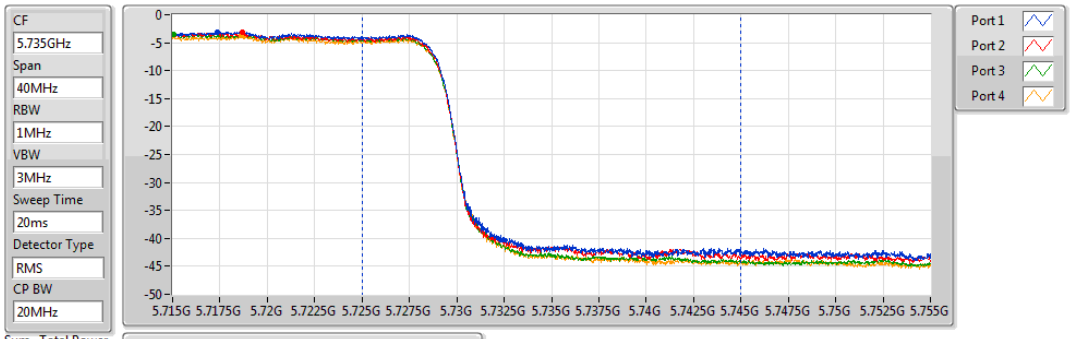
Sum=Total Power
PX=Port X

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

05/03/2019



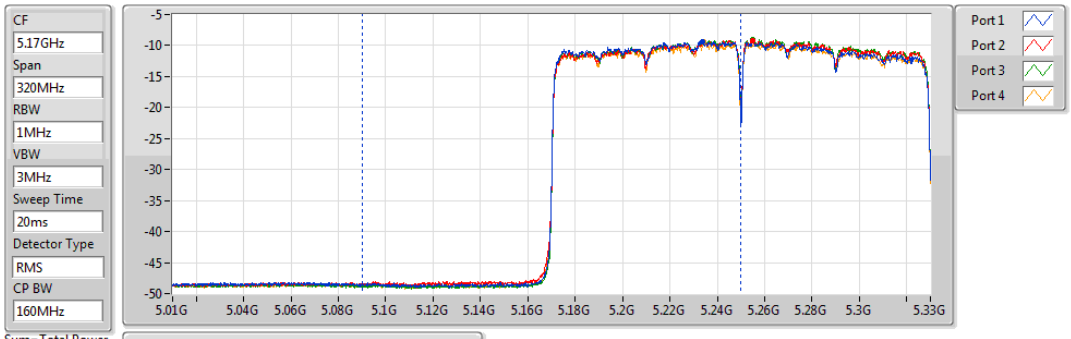
Sum=Total Power
PX=Port X

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

05/03/2019



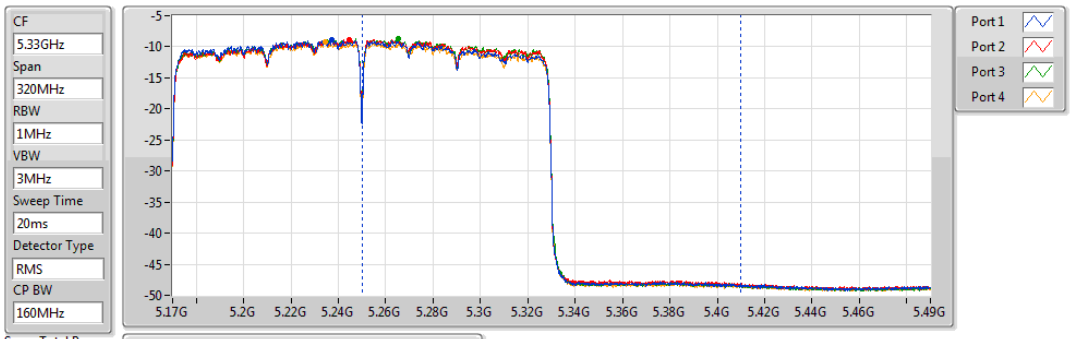
Sum=Total Power
PX=Port X

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

05/03/2019



Sum=Total Power
PX=Port X

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

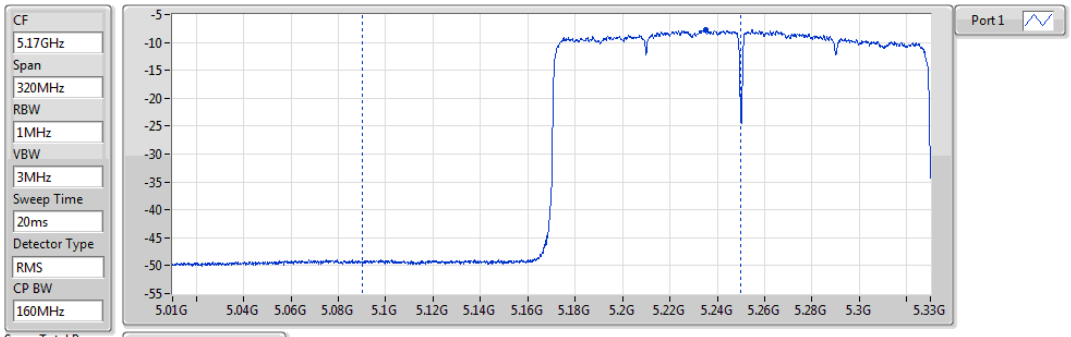
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00/5.26	11.22	11.22	30.00	14.22/16.48	36.00/21.00	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 C.61 for Eevation angle higher than 30°.

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

5250MHz Straddle 5.15-5.25GHz

08/03/2019



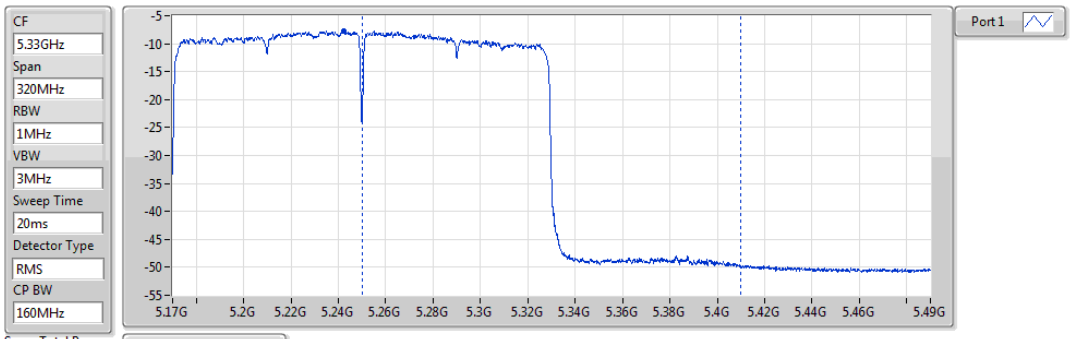
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
11.22	11.22

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

5250MHz Straddle 5.25-5.35GHz

08/03/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
10.71	10.71

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

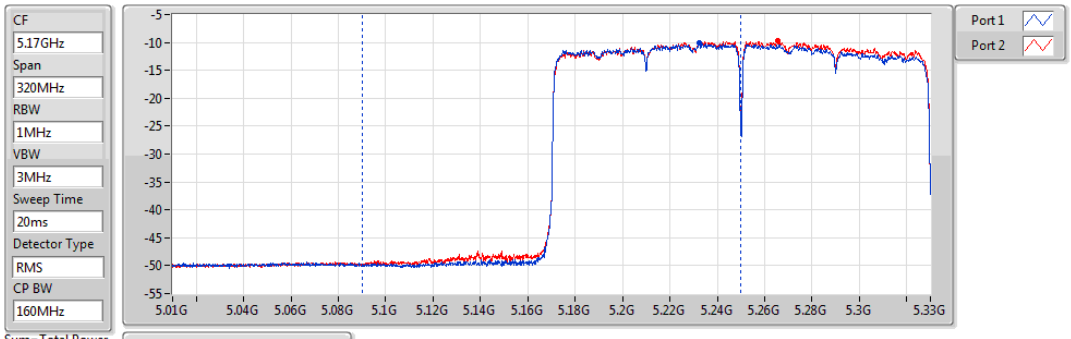
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00/5.26	8.72	8.82	11.78	30.00	14.78/17.04	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 C.61 for Eevation angle higher than 30°.

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

5250MHz Straddle 5.15-5.25GHz

08/03/2019



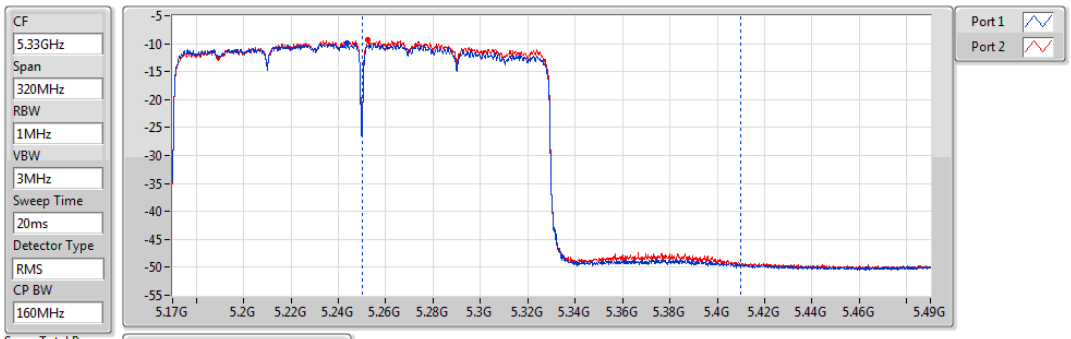
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
11.78	8.72	8.82

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

5250MHz Straddle 5.25-5.35GHz

08/03/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
11.83	8.47	9.14

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

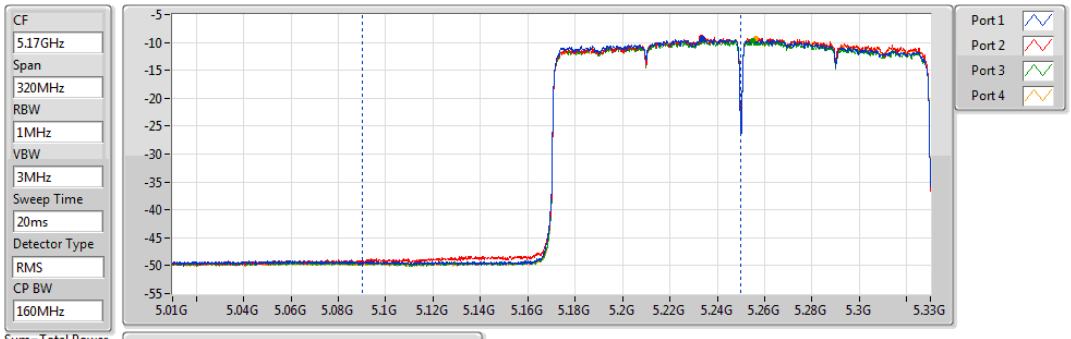
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00/5.26	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 C.61 for Eevation angle higher than 30°.

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

5250MHz Straddle 5.15-5.25GHz

08/03/2019



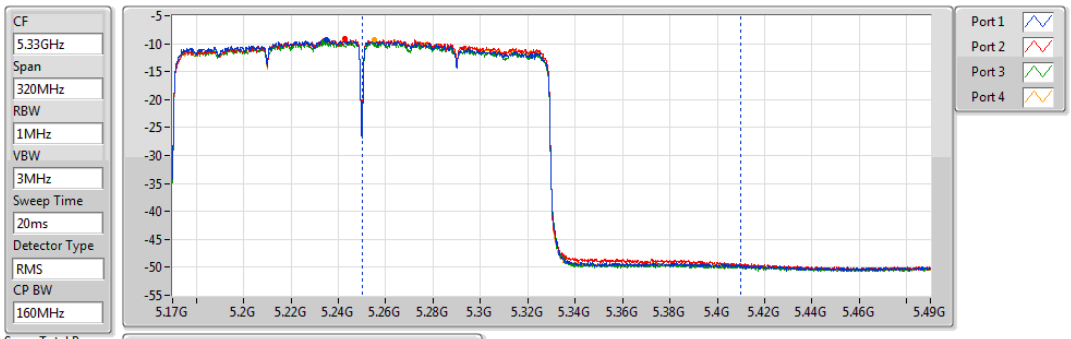
Sum=Total Power
PX=Port X

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

08/03/2019



Sum=Total Power
PX=Port X

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

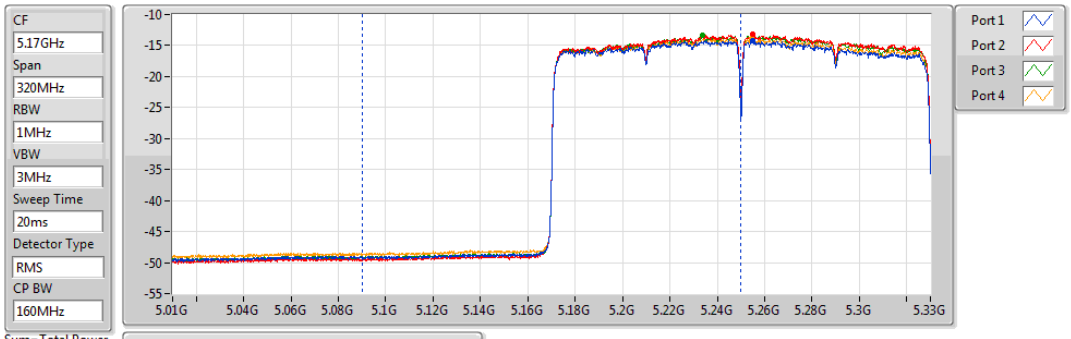
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.02/11.28	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 C.61 for Eevation angle higher than 30°.

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

5250MHz Straddle 5.15-5.25GHz

14/05/2019

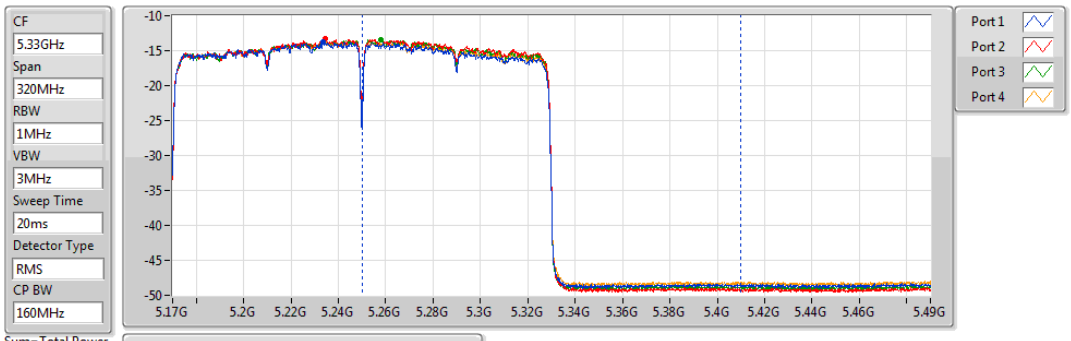


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
9.62	3.22	3.88	3.78	3.47

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

5250MHz Straddle 5.25-5.35GHz

14/05/2019



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

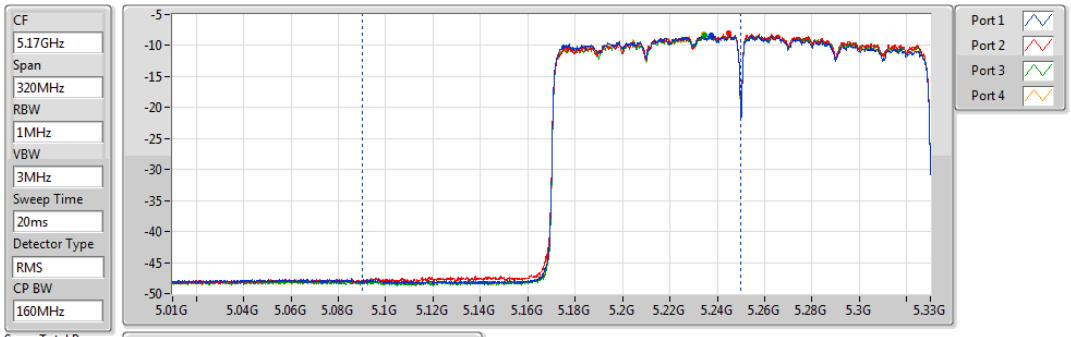
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00/5.26	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 C.61 for Eevation angle higher than 30°.

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

5250MHz Straddle 5.15-5.25GHz

08/03/2019



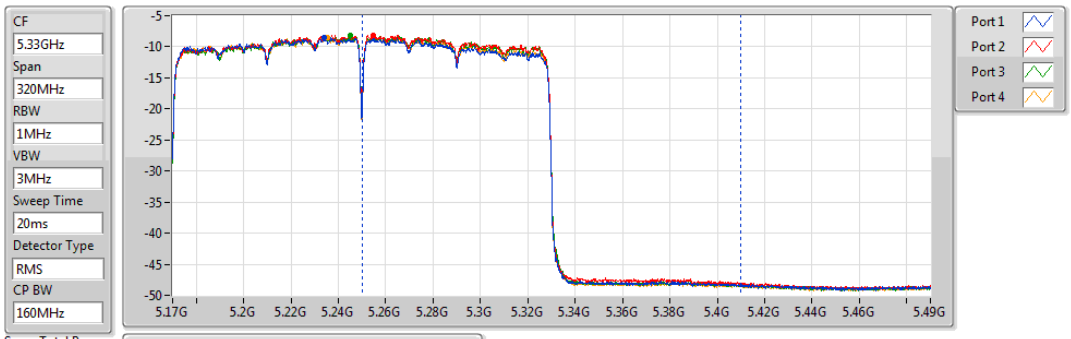
Sum=Total Power
PX=Port X

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

08/03/2019



Sum=Total Power
PX=Port X

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

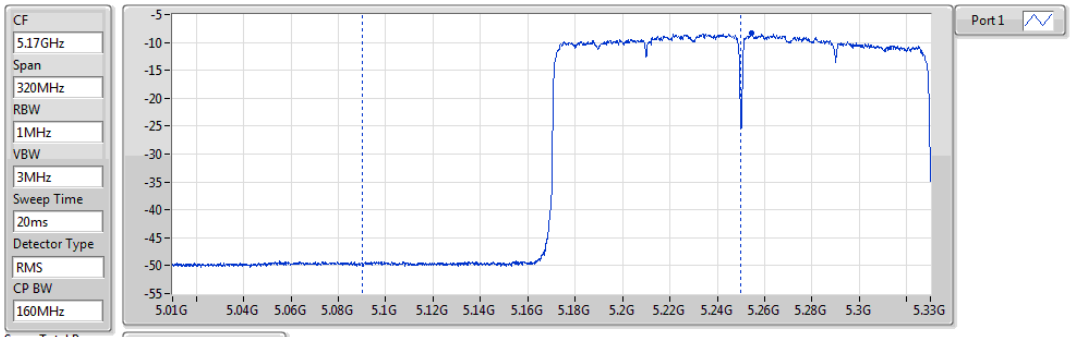
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	EIRP Limit (dBm)
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00/-6.05	10.52	10.52	30.00	16.52/4.47	36.00/21.00	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 C.62 for Eevation angle higher than 30°.

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

5250MHz Straddle 5.15-5.25GHz

05/03/2019



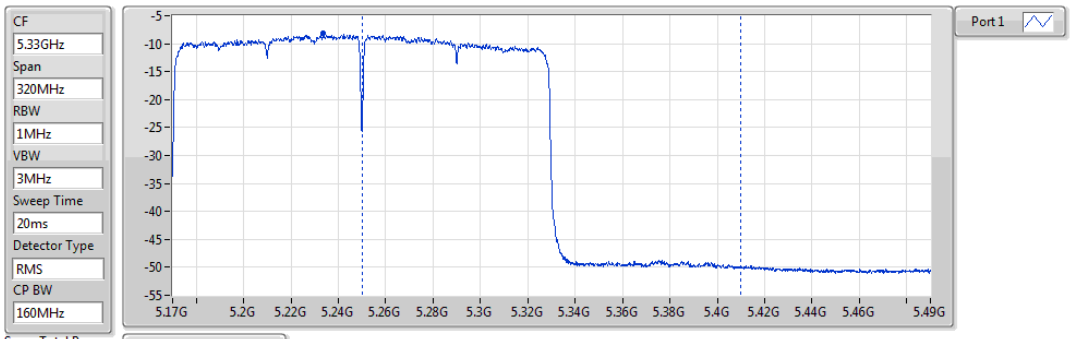
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
10.52	10.52

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

5250MHz Straddle 5.25-5.35GHz

05/03/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
10.06	10.06

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

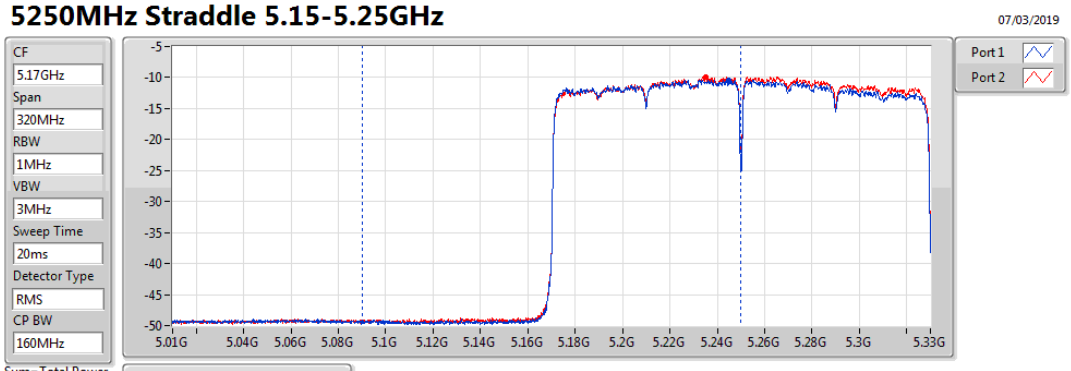
Result

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 C.62 for Eevation angle higher than 30°.

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

5250MHz Straddle 5.15-5.25GHz

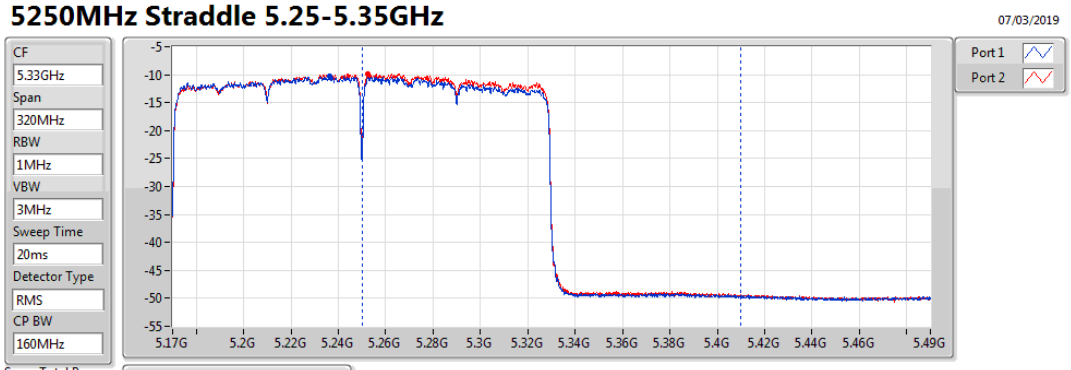


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
11.59	8.51	8.65

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

5250MHz Straddle 5.25-5.35GHz



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
11.47	8.08	8.80

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

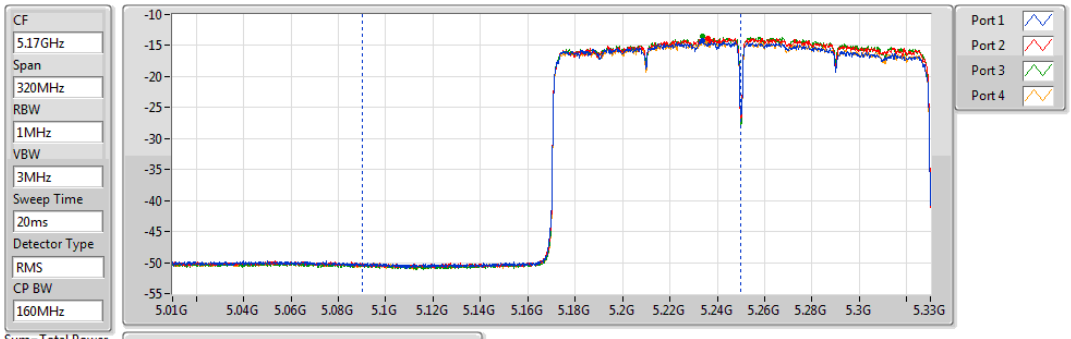
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00/-6.05	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 C.62 for Eevation angle higher than 30°.

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

5250MHz Straddle 5.15-5.25GHz

07/03/2019

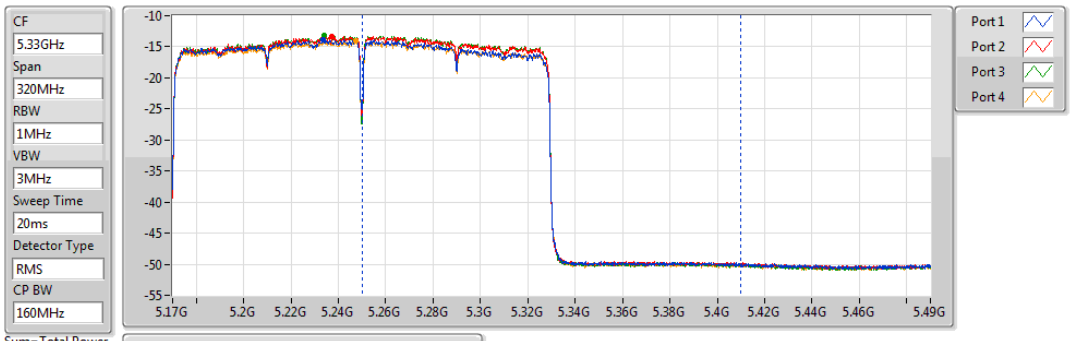


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
10.78	4.58	4.91	5.03	4.48

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

5250MHz Straddle 5.25-5.35GHz

07/03/2019



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

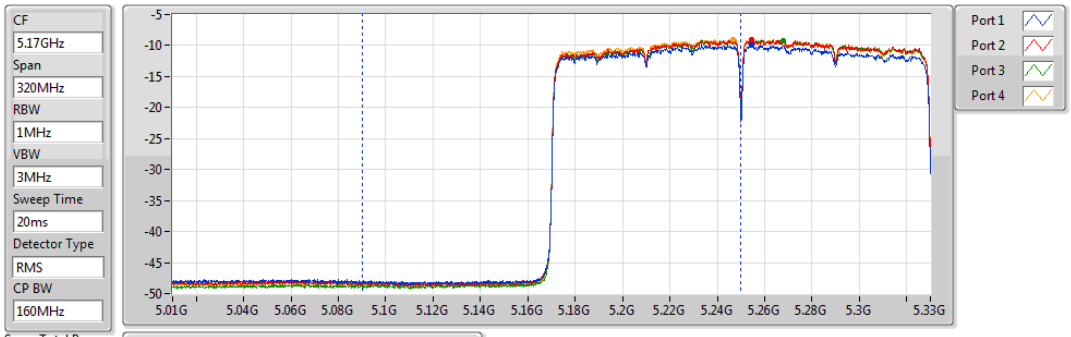
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	12.02/-0.03	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 C.62 for Eevation angle higher than 30°.

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

5250MHz Straddle 5.15-5.25GHz

06/03/2019

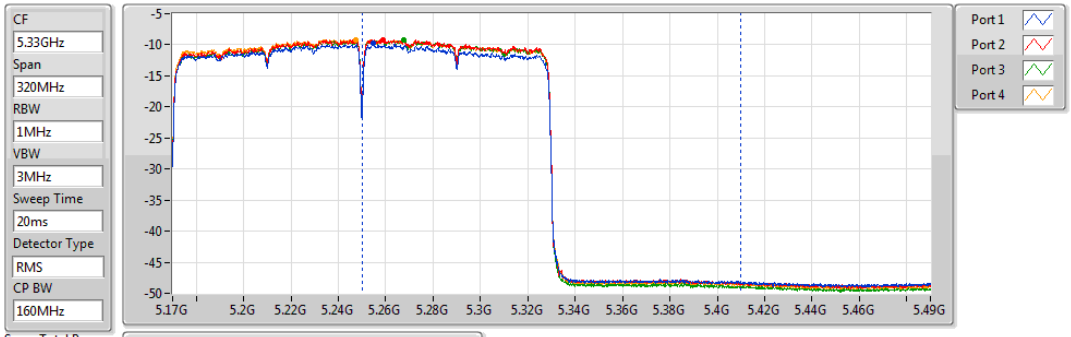


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
13.96	7.38	8.02	7.95	8.35

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)	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

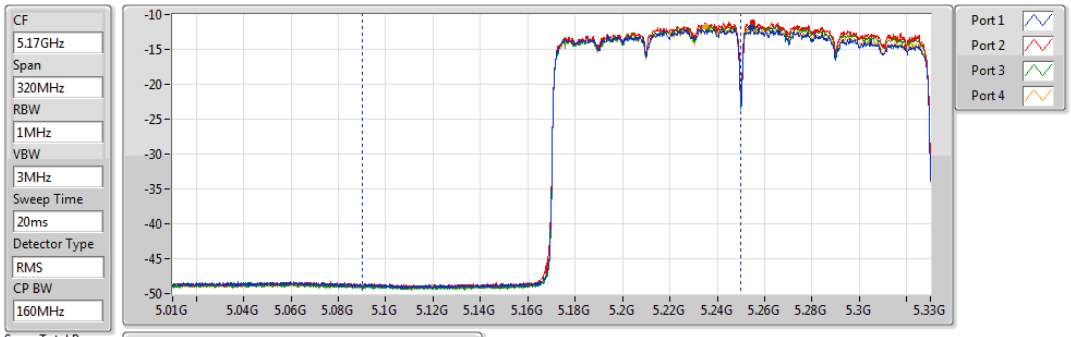
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00/-6.05	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 C.62 for Eevation angle higher than 30°.

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

5250MHz Straddle 5.15-5.25GHz

07/03/2019



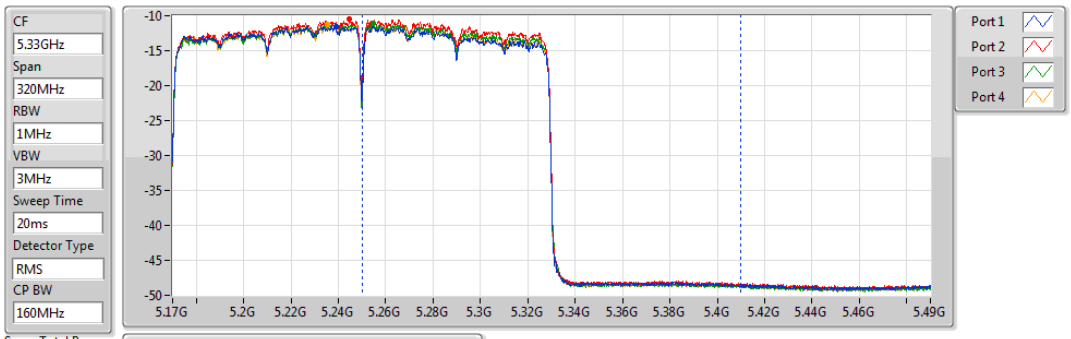
Sum=Total Power
PX=Port X

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

07/03/2019



Sum=Total Power
PX=Port X

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

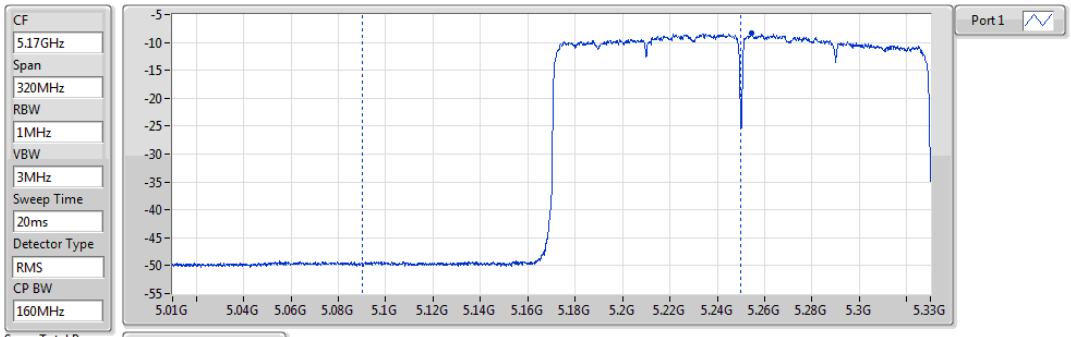
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70/7.90	10.52	10.52	27.30	19.22/18.42	36.00/21.00	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 C.63 for Eevation angle higher than 30°.

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

5250MHz Straddle 5.15-5.25GHz

05/03/2019



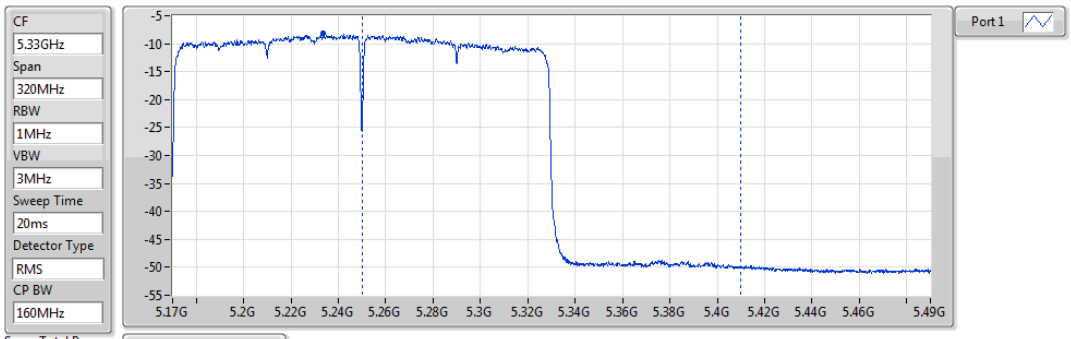
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
10.52	10.52

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

5250MHz Straddle 5.25-5.35GHz

05/03/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)
10.06	10.06

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

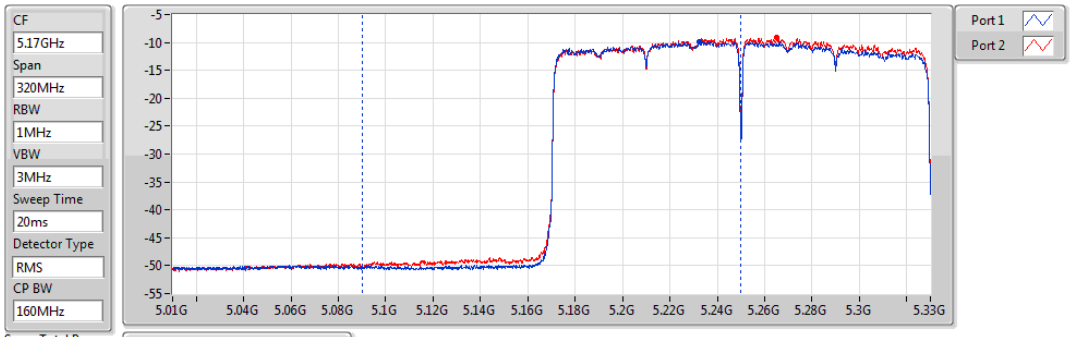
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70/7.90	9.08	9.21	12.16	27.30	20.86/20.06	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 C.63 for Eevation angle higher than 30°.

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

5250MHz Straddle 5.15-5.25GHz

05/03/2019



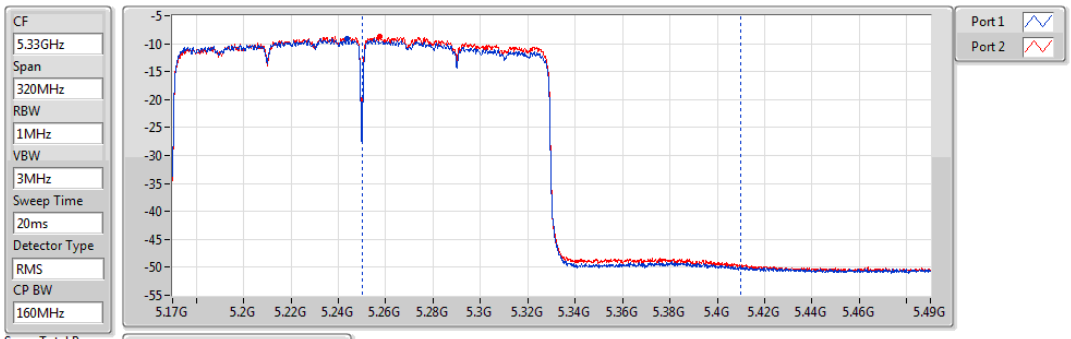
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
12.16	9.08	9.21

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

5250MHz Straddle 5.25-5.35GHz

05/03/2019



Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
12.58	9.21	9.91

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

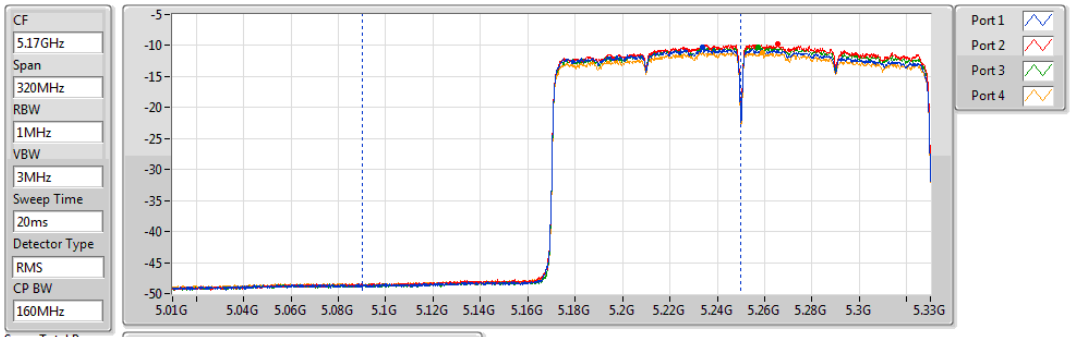
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70/7.90	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 C.63 for Eevation angle higher than 30°.

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

5250MHz Straddle 5.15-5.25GHz

14/05/2019



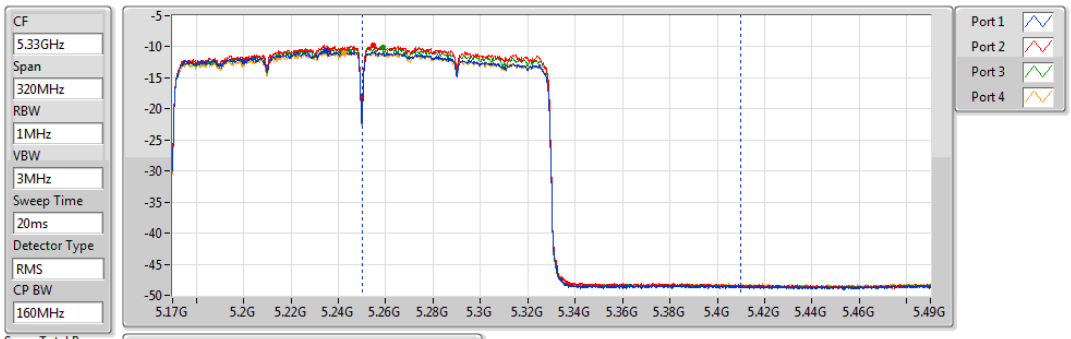
Sum=Total Power
PX=Port X

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

802.11ax HEW160_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)
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

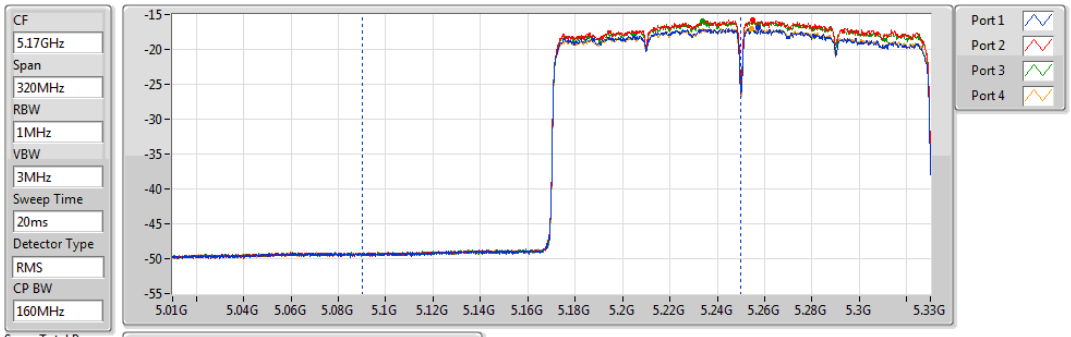
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.72/13.92	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 C.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

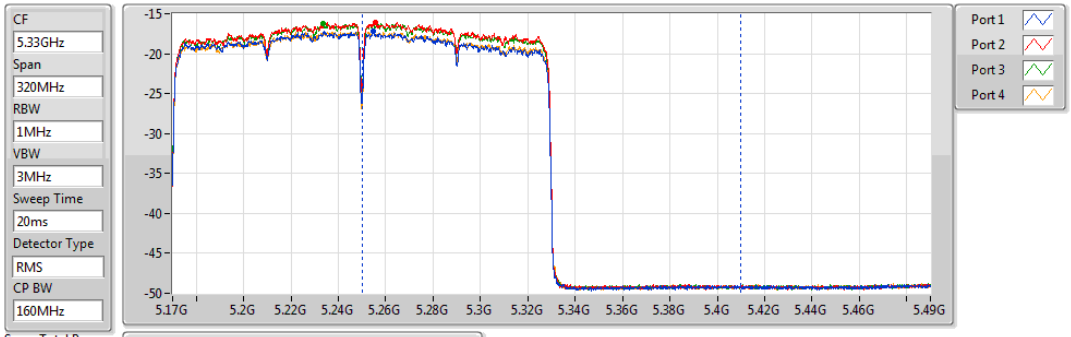


Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
6.92	0.49	1.39	1.23	0.42

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

5250MHz Straddle 5.25-5.35GHz

14/05/2019



Sum(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

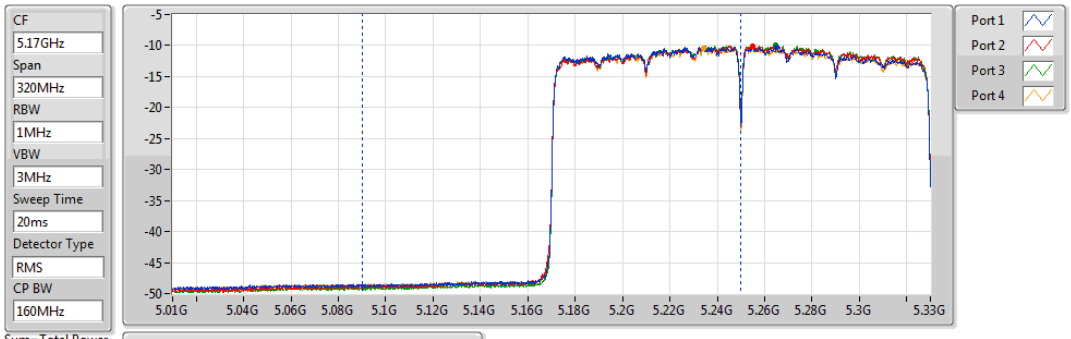
Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70/7.90	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 C.63 for Eevation angle higher than 30°.

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

5250MHz Straddle 5.15-5.25GHz

14/05/2019



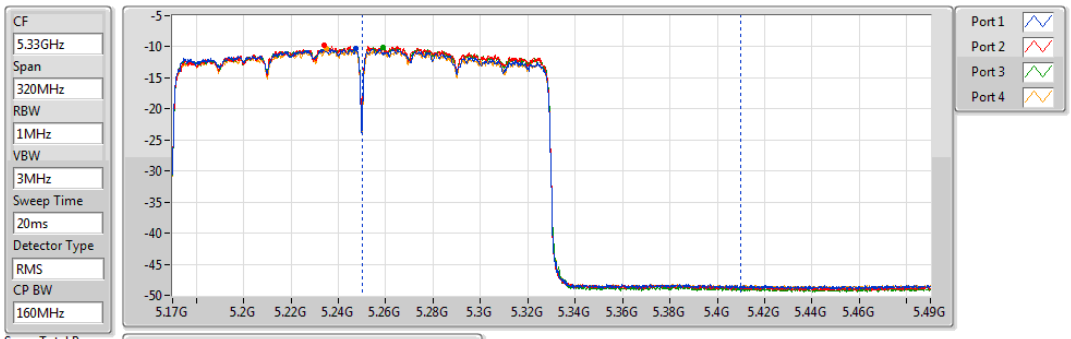
Sum=Total Power
PX=Port X

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

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

5250MHz Straddle 5.25-5.35GHz

14/05/2019

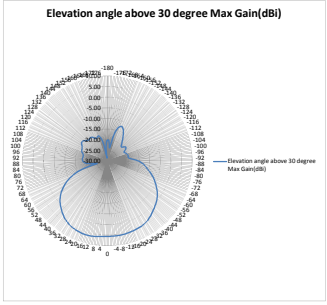


Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)	P3(dBm)	P4(dBm)
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	Above 30 degree
-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	
-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	

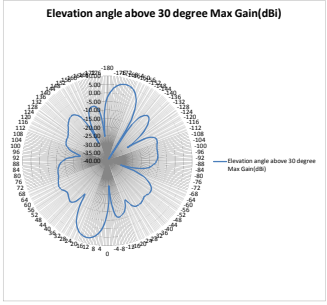


Elevation angle above 30 degree Max Gain

-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	-22.05	
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	0° ~ 30°
-179	-1.03	
-178	0.19	
-177	1.30	
-176	2.24	
-175	3.14	
-174	3.89	
-173	4.51	
-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	0° ~ 30°
-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	
-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	Above 30 degree
-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	
-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	0° ~ 30°
-14	-6.77	
-13	-6.43	
-12	-6.23	
-11	-6.16	
-10	-6.50	
-9	-7.22	
-8	-8.17	
-7	-9.96	
-6	-12.56	
-5	-16.32	
-4	-24.42	
-3	-25.39	
-2	-17.14	

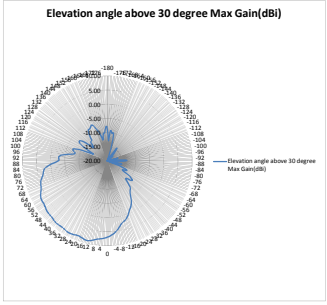


Elevation angle above 30 degree Max Gain

-1	-12.73	0° ~ 30°
0	-9.67	
1	-6.92	
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	0° ~ 30°
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	
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	Above 30 degree
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	-8.68	
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	
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	0° ~ 30°
166	-6.73	
167	-7.08	
168	-7.36	
169	-8.06	
170	-9.03	
171	-10.78	
172	-13.12	
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	-19.51	
-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	-19.50	
-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	-8.09	
-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	0° ~ 30°
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	
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	Above 30 degree
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	-2.65	
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	
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

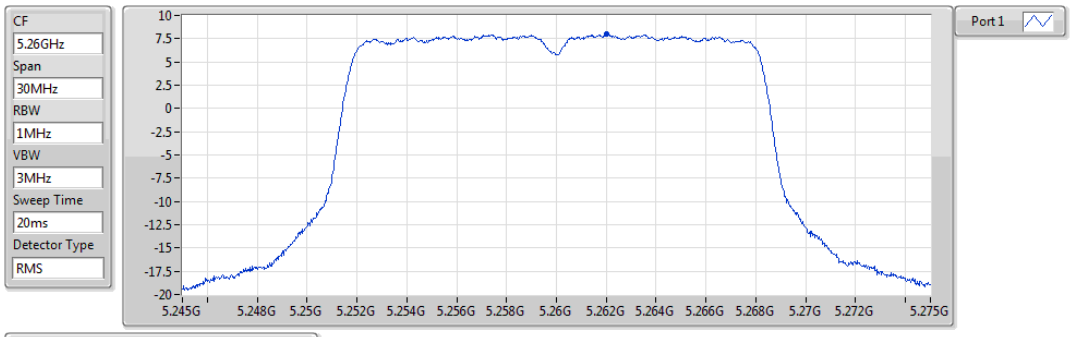
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	3.00	7.98	7.98	11.00
5300MHz	Pass	3.00	8.08	8.08	11.00
5320MHz	Pass	3.00	6.72	6.72	11.00
5500MHz	Pass	3.00	4.37	4.37	11.00
5580MHz	Pass	3.00	8.08	8.08	11.00
5700MHz	Pass	3.00	2.84	2.84	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

06/03/2019

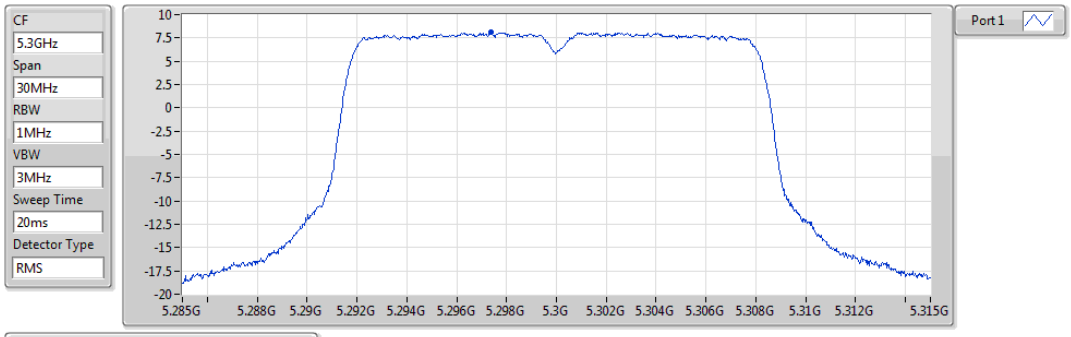


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.98	7.98	7.98

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

5300MHz

06/03/2019

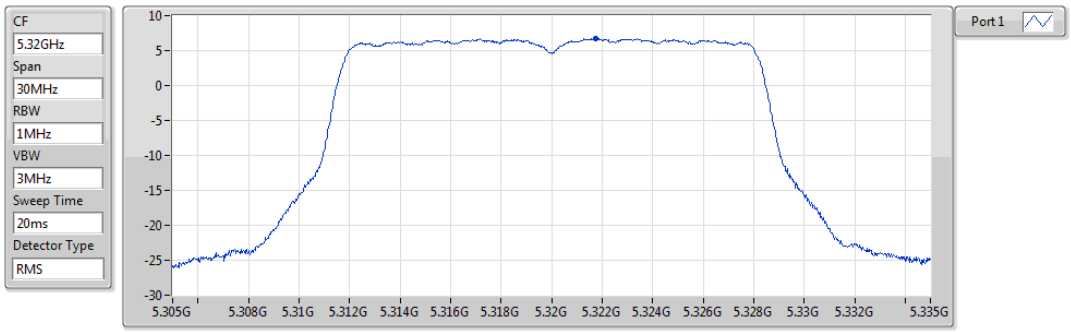


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.08	8.08	8.08

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

5320MHz

06/03/2019

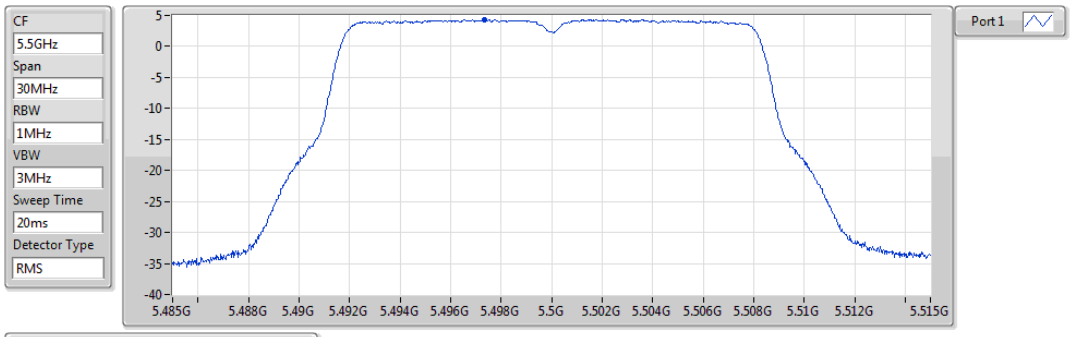


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.72	6.72	6.72

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

5500MHz

06/03/2019

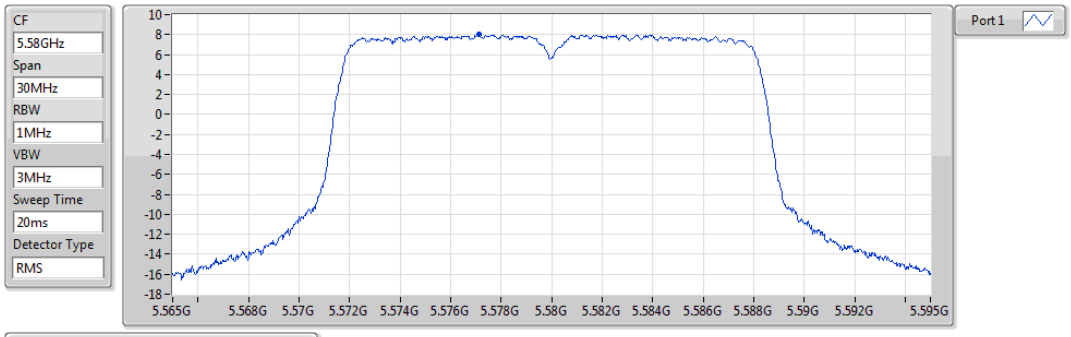


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.37	4.37	4.37

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

5580MHz

06/03/2019

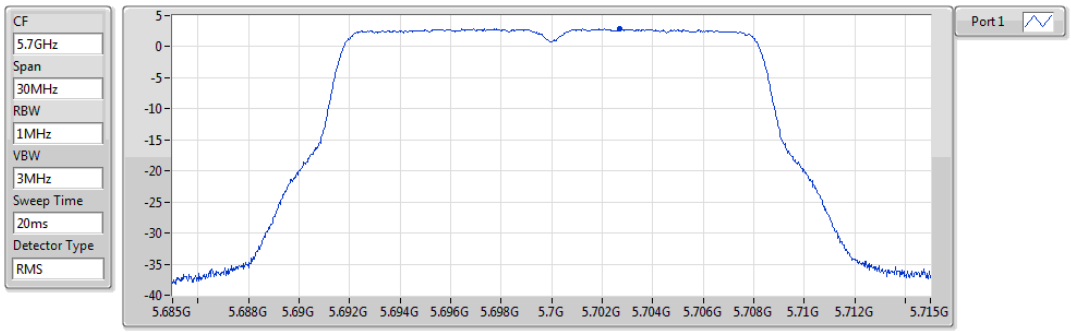


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.08	8.08	8.08

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

5700MHz

06/03/2019

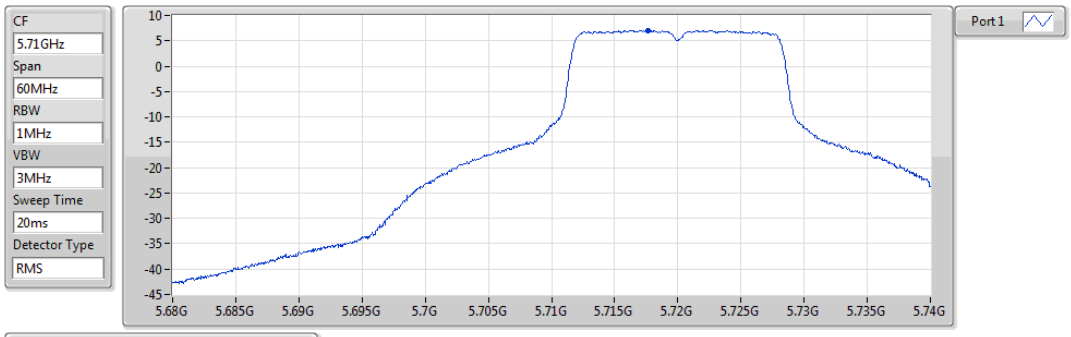


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.84	2.84	2.84

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

5720MHz Straddle 5.47-5.725GHz

06/03/2019

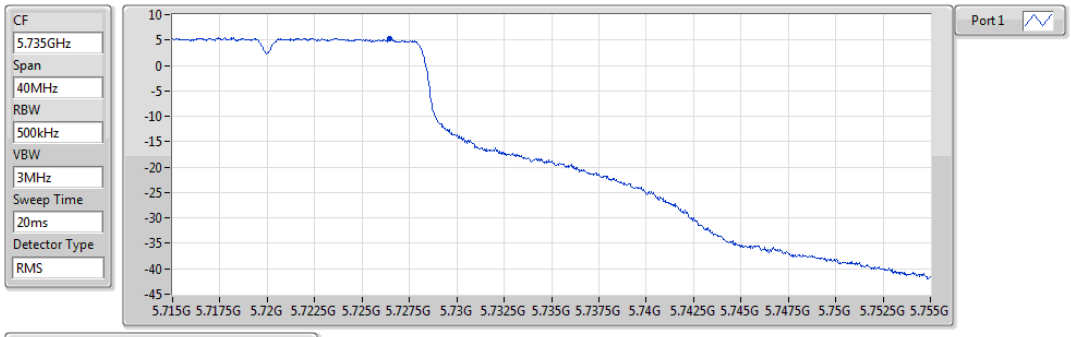


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.09	7.09	7.09

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

5720MHz Straddle 5.725-5.85GHz

06/03/2019

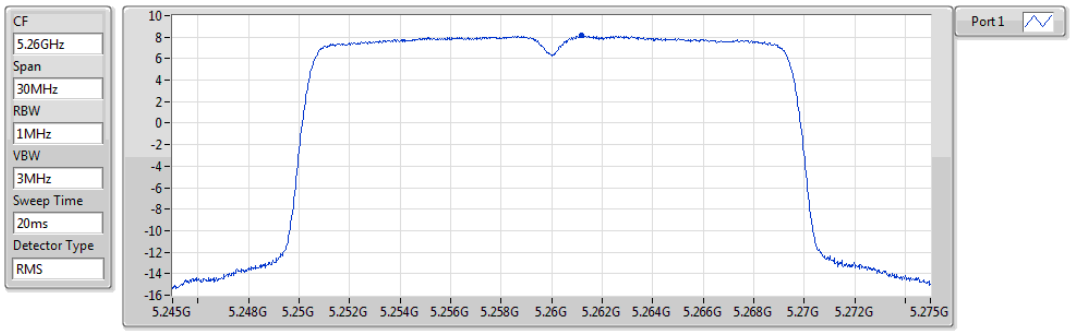


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.20	5.20	5.20

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

5260MHz

06/03/2019

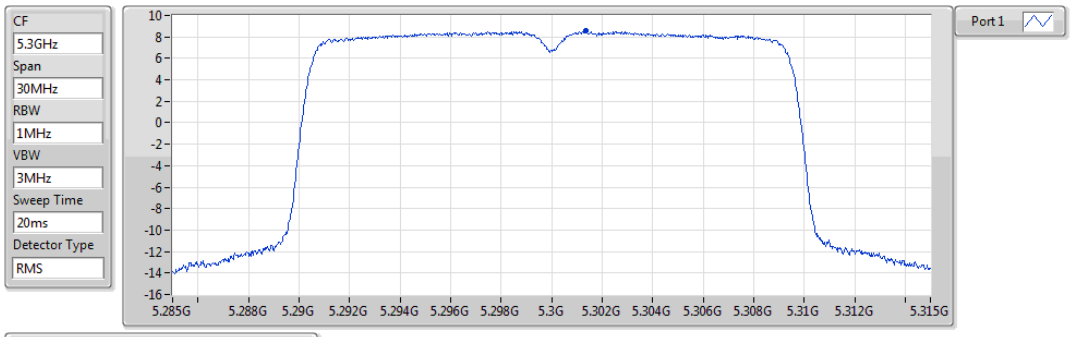


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.13	8.13	8.13

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

5300MHz

06/03/2019

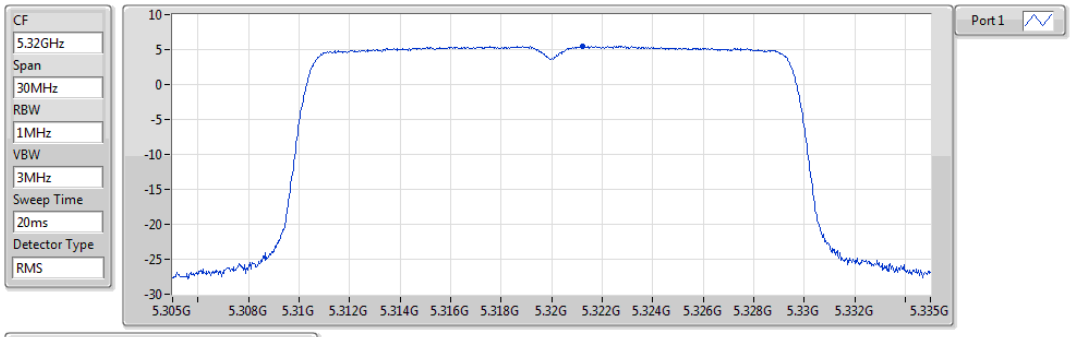


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.53	8.53	8.53

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

5320MHz

06/03/2019

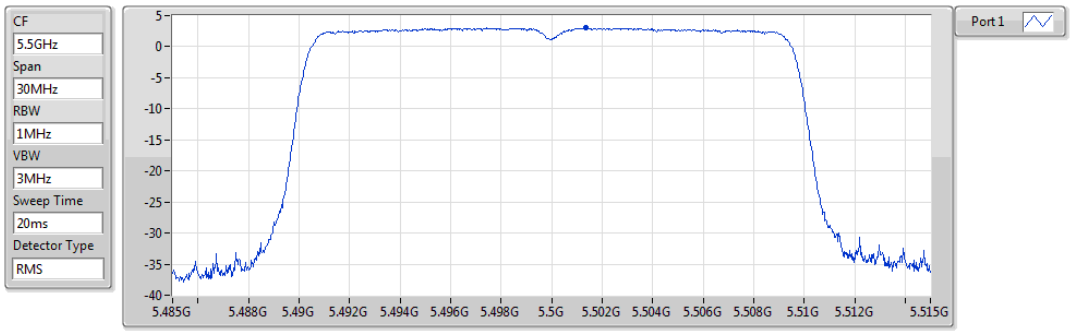


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.53	5.53	5.53

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

5500MHz

06/03/2019

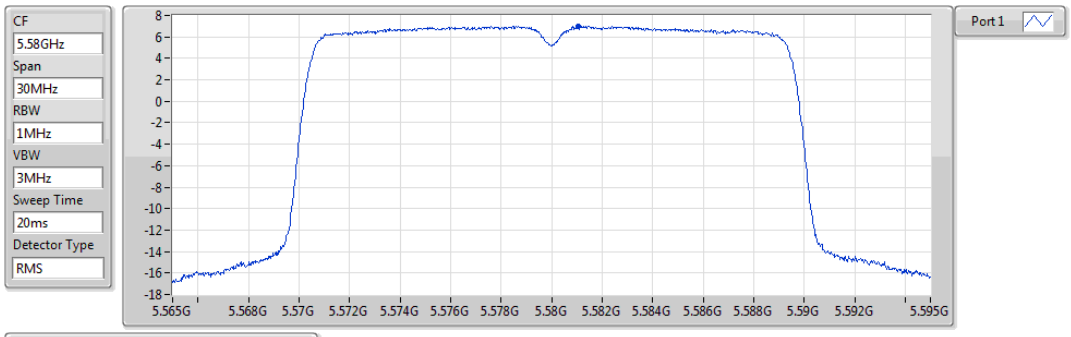


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.00	3.00	3.00

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

5580MHz

06/03/2019

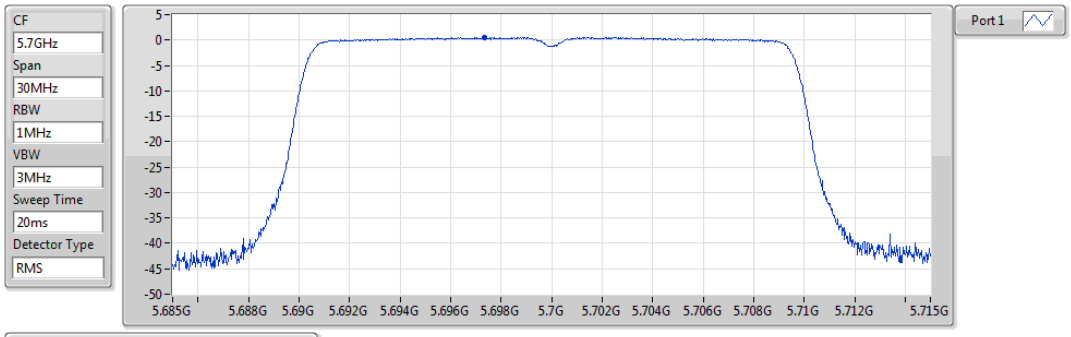


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.00	7.00	7.00

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

5700MHz

06/03/2019

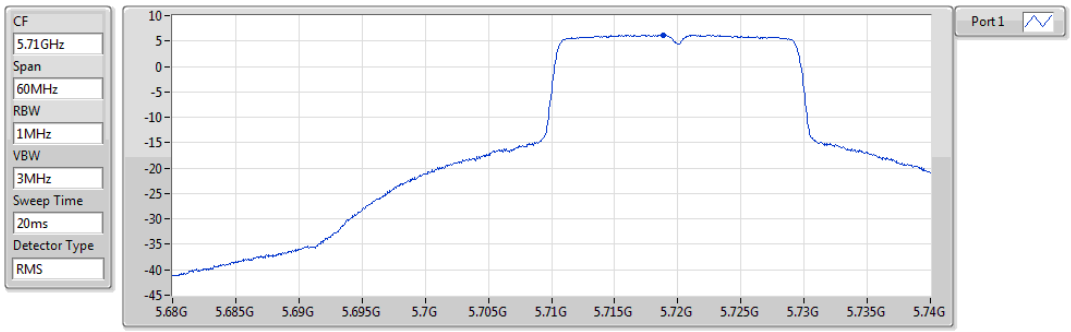


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.51	0.51	0.51

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

5720MHz Straddle 5.47-5.725GHz

06/03/2019

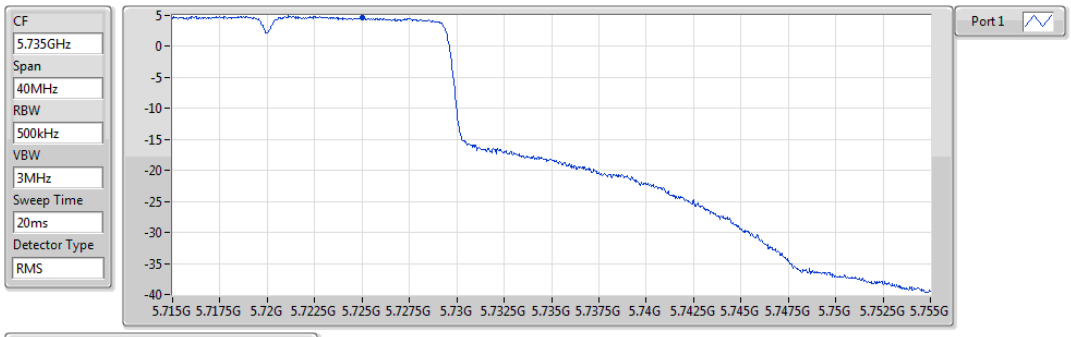


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.16	6.16	6.16

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

5720MHz Straddle 5.725-5.85GHz

06/03/2019

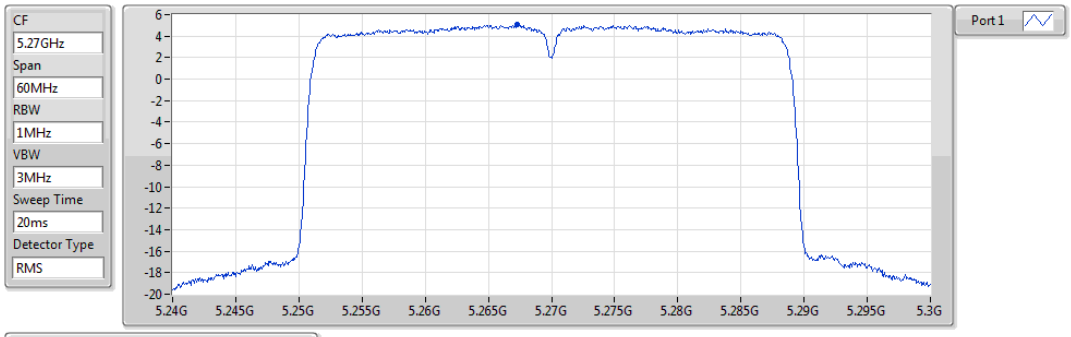


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.58	4.58	4.58

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

5270MHz

06/03/2019

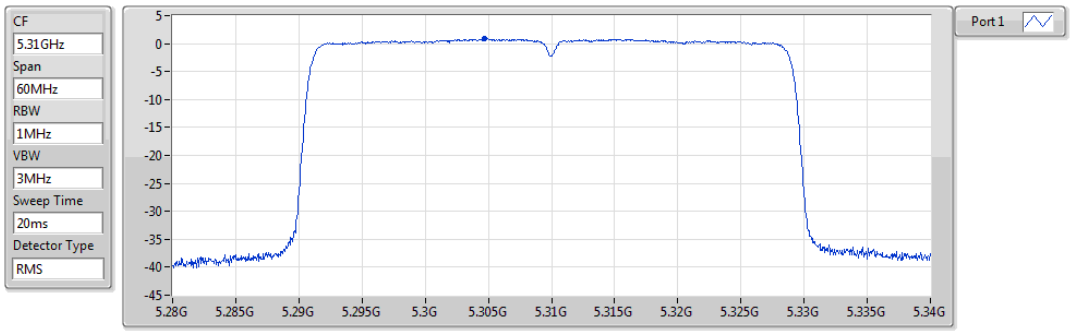


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.06	5.06	5.06

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

5310MHz

06/03/2019

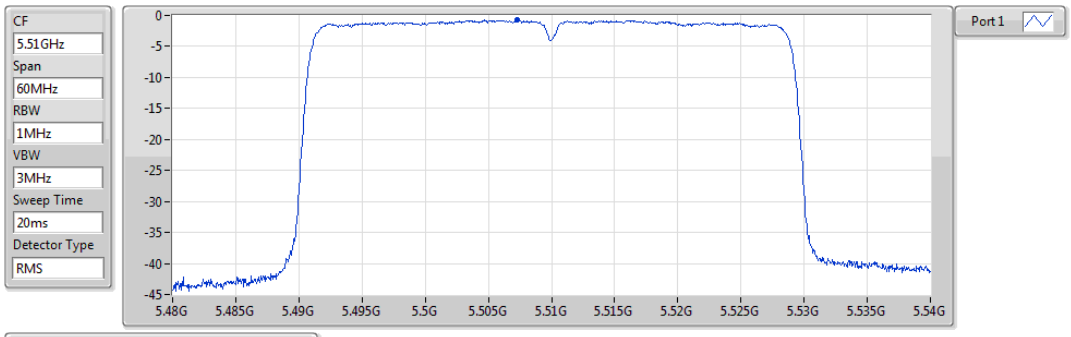


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.86	0.86	0.86

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

5510MHz

06/03/2019

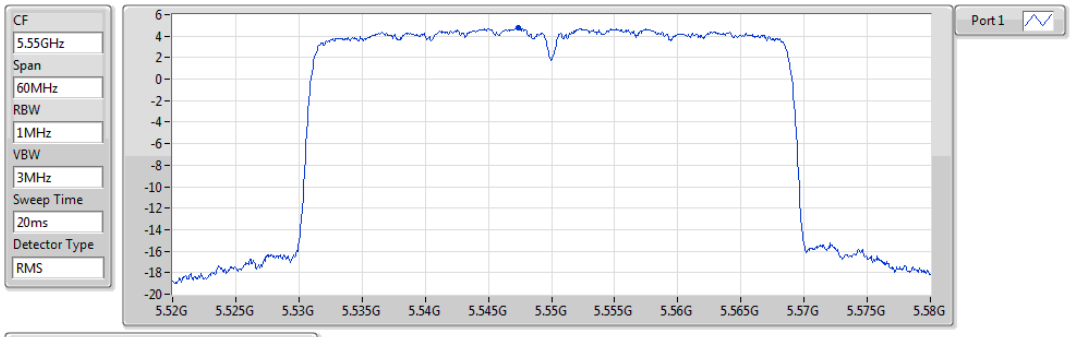


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.76	-0.76	-0.76

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

5550MHz

06/03/2019

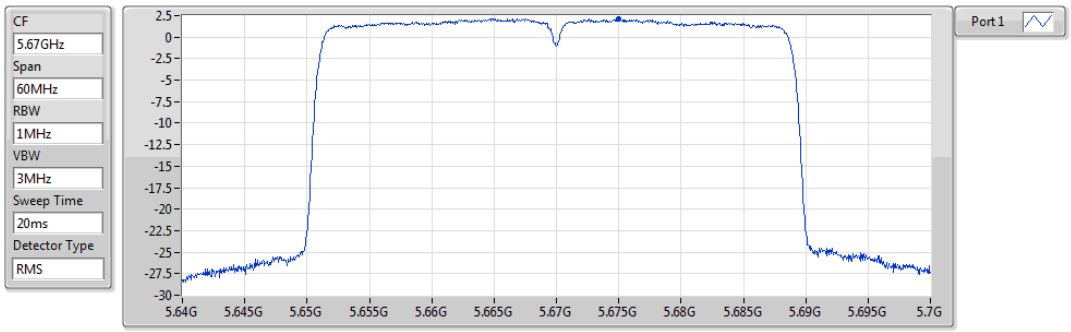


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.78	4.78	4.78

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

5670MHz

06/03/2019

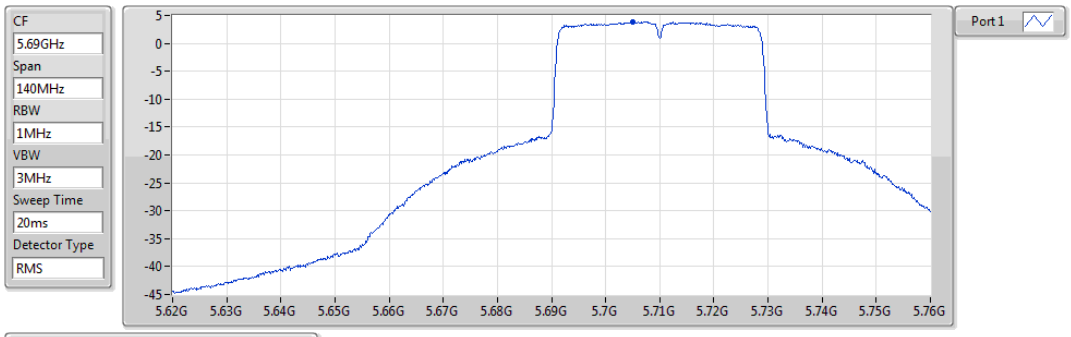


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.17	2.17	2.17

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

5710MHz Straddle 5.47-5.725GHz

06/03/2019

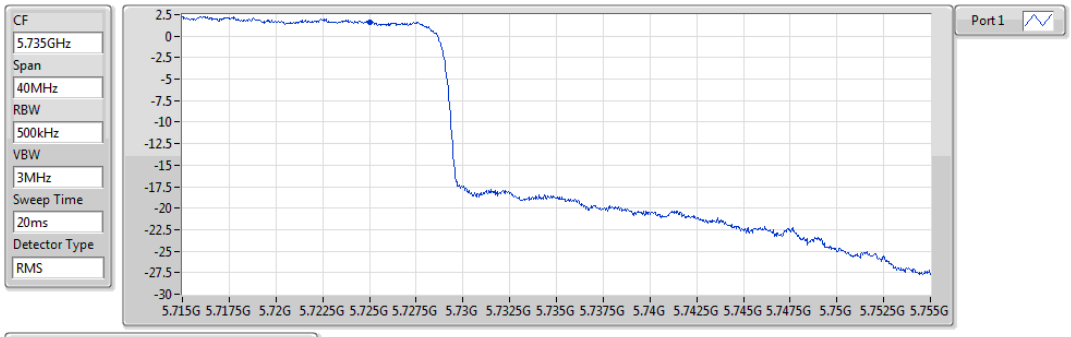


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.92	3.92	3.92

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

5710MHz Straddle 5.725-5.85GHz

06/03/2019

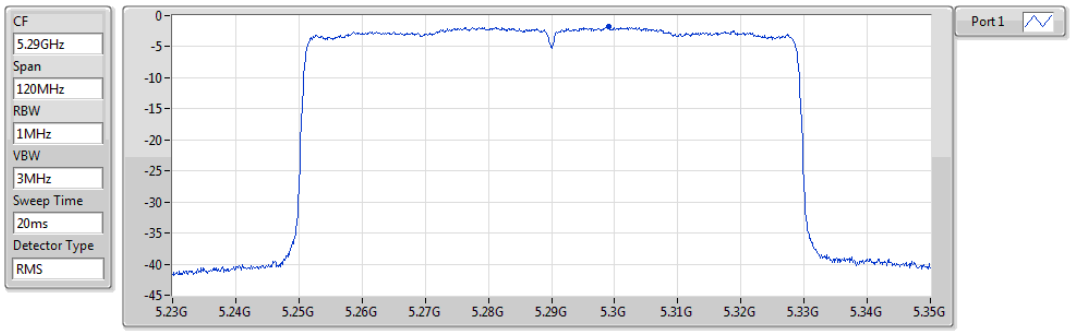


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.65	1.65	1.65

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

5290MHz

06/03/2019

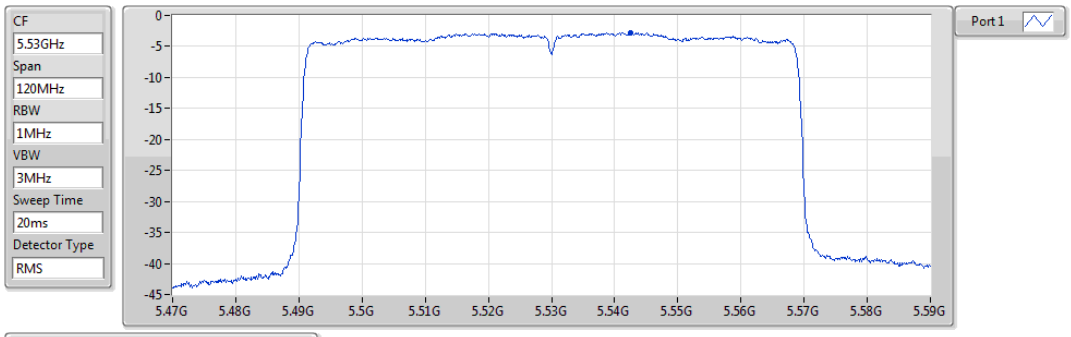


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.83	-1.83	-1.83

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

5530MHz

06/03/2019

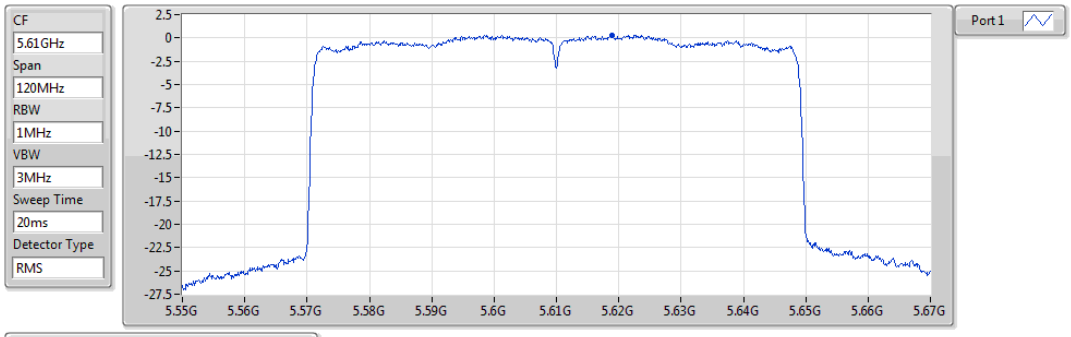


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.78	-2.78	-2.78

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

5610MHz

06/03/2019

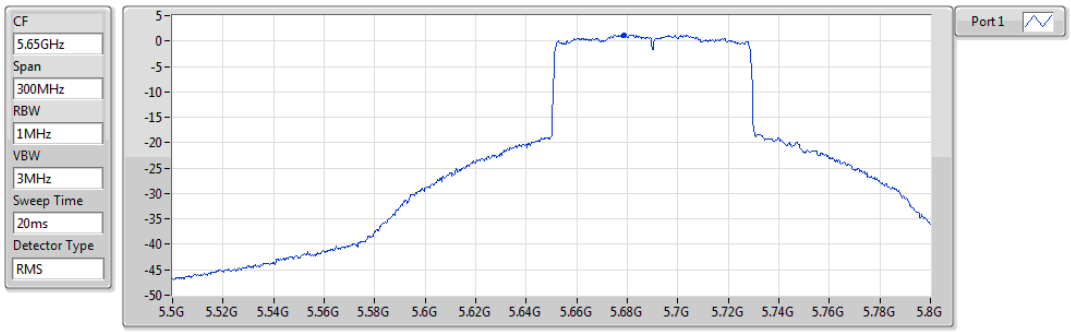


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.31	0.31	0.31

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

5690MHz Straddle 5.47-5.725GHz

06/03/2019

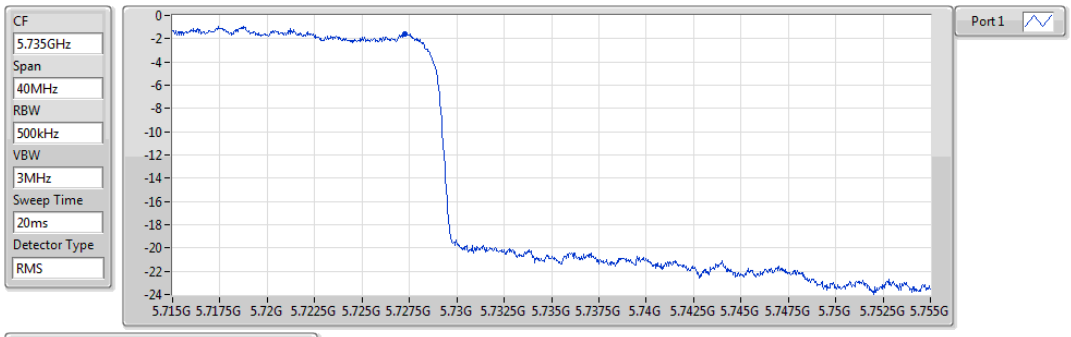


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.23	1.23	1.23

802.11ax HEW80_Nss1,(MCS0)_1TX PSD

5690MHz Straddle 5.725-5.85GHz

06/03/2019

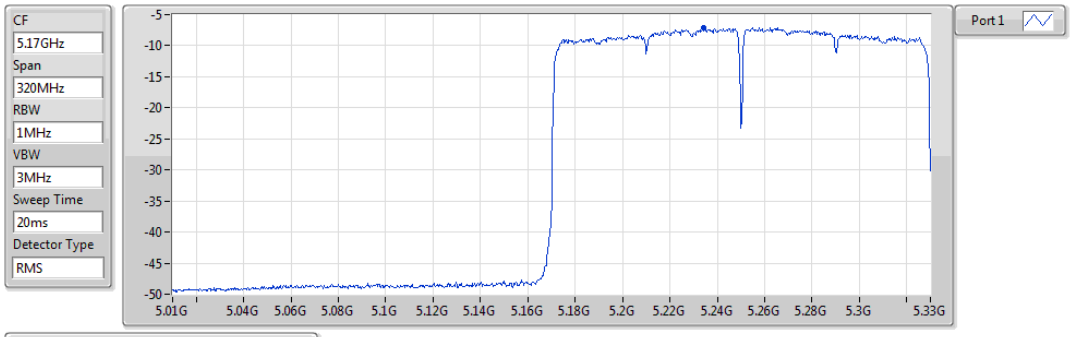


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.56	-1.56	-1.56

802.11ax HEW160_Nss1,(MCS0)_1TX PSD

5250MHz Straddle 5.15-5.25GHz

06/03/2019

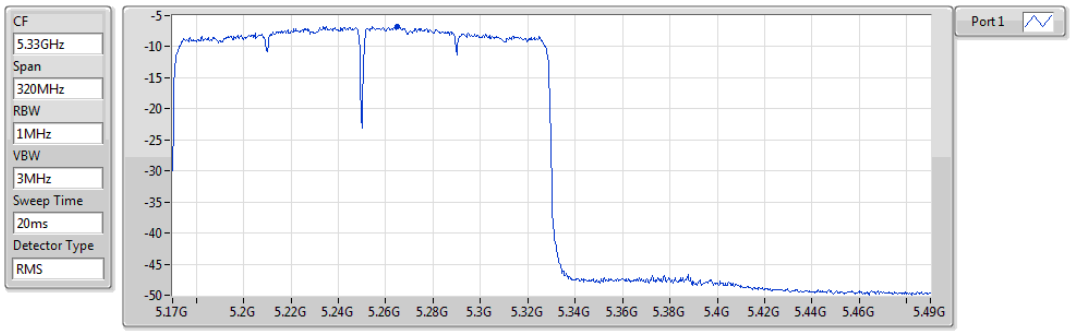


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.19	-7.19	-7.19

802.11ax HEW160_Nss1,(MCS0)_1TX PSD

5250MHz Straddle 5.25-5.35GHz

06/03/2019

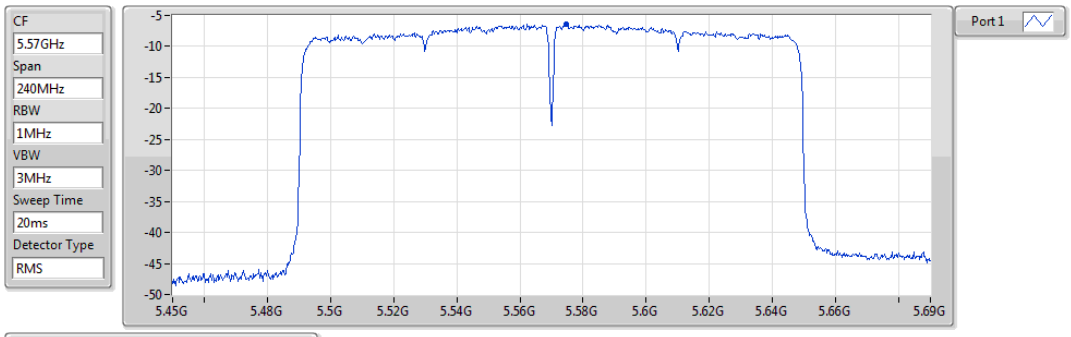


Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.76	-6.76	-6.76

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

5570MHz

06/03/2019



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

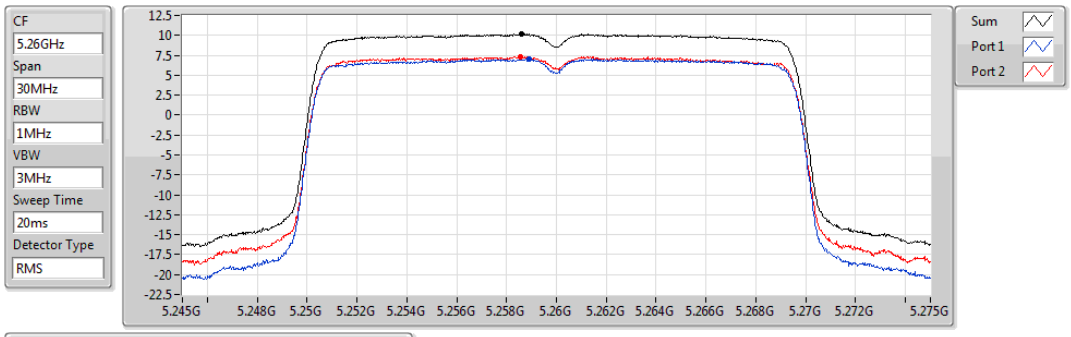
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	3.00	7.05	7.35	10.16	11.00
5300MHz	Pass	3.00	7.48	7.44	10.42	11.00
5320MHz	Pass	3.00	4.03	4.11	7.03	11.00
5500MHz	Pass	3.00	2.40	3.01	5.66	11.00
5580MHz	Pass	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

06/03/2019

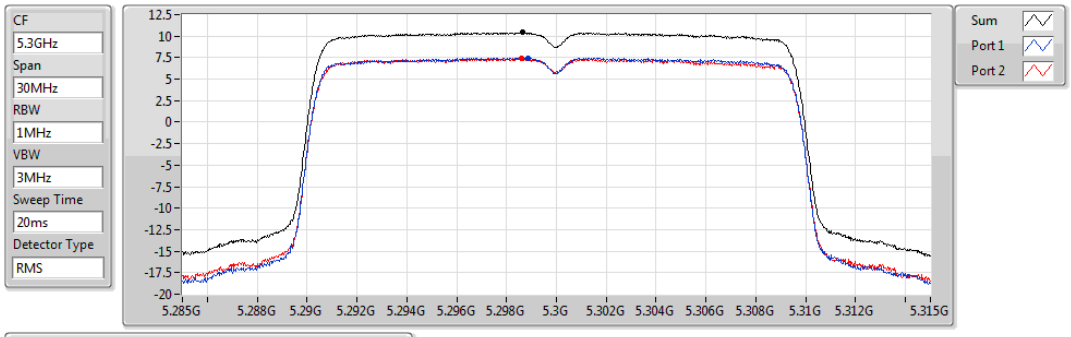


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.16	10.16	7.05	7.35

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5300MHz

06/03/2019

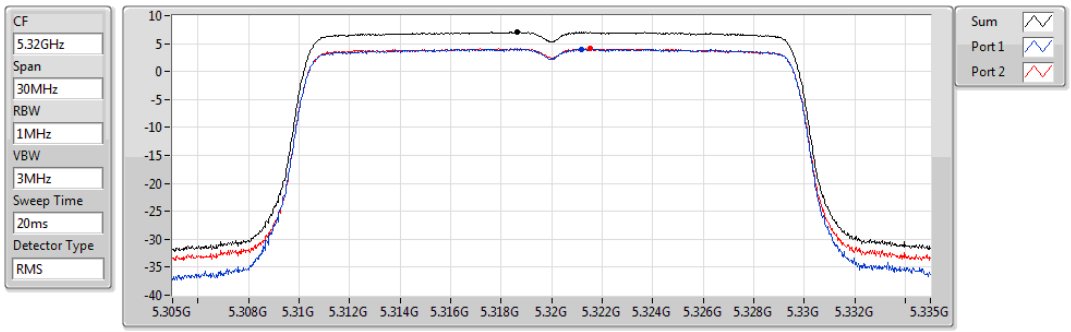


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.42	10.42	7.48	7.44

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5320MHz

06/03/2019

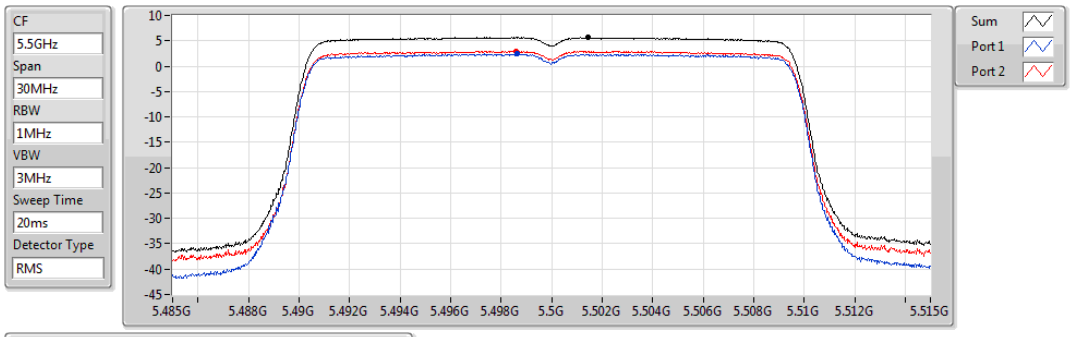


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.03	7.03	4.03	4.11

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5500MHz

06/03/2019

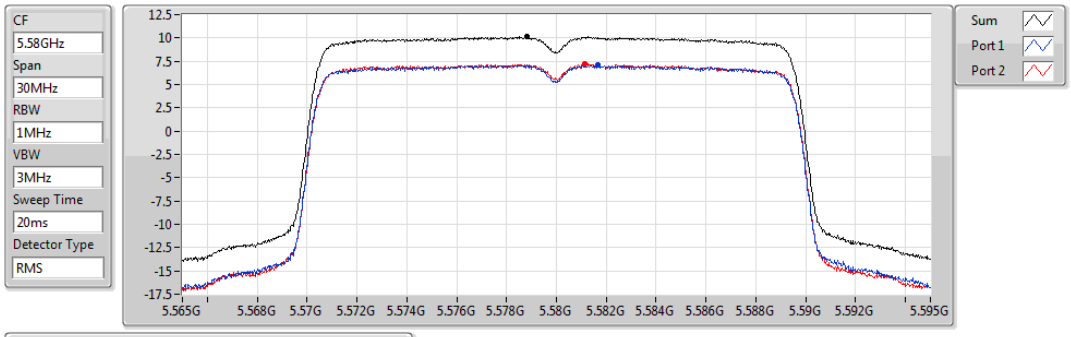


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.66	5.66	2.40	3.01

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5580MHz

06/03/2019

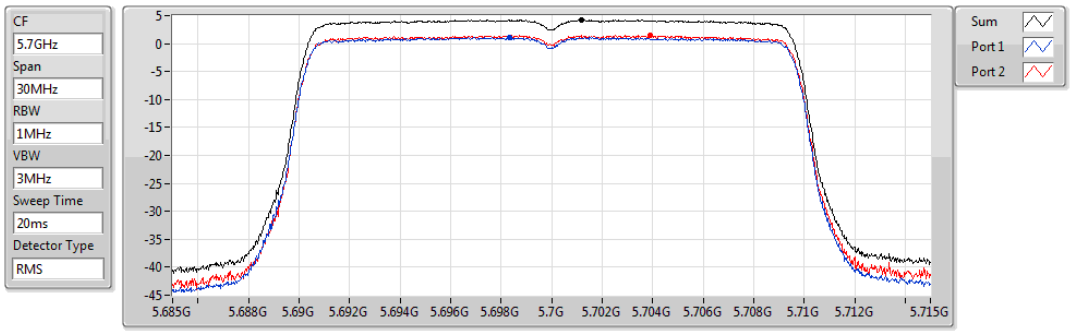


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.12	10.12	7.09	7.20

802.11ax HEW20_Nss2,(MCS0)_2TX PSD

5700MHz

06/03/2019

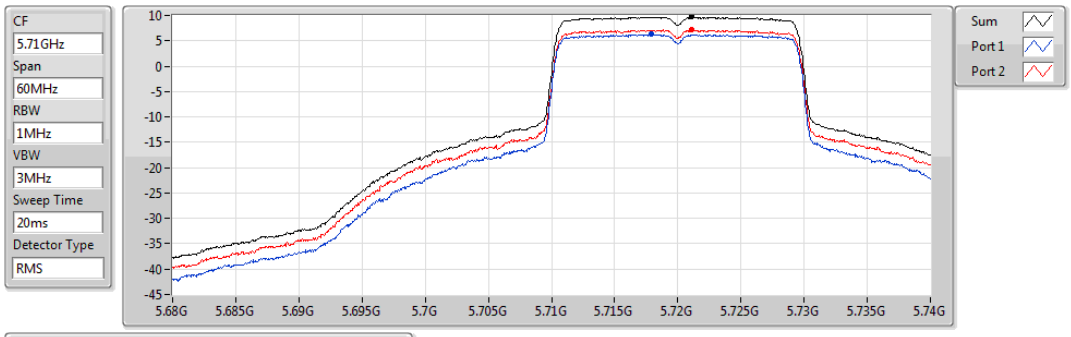


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.20	4.20	1.07	1.47

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

5720MHz Straddle 5.47-5.725GHz

06/03/2019

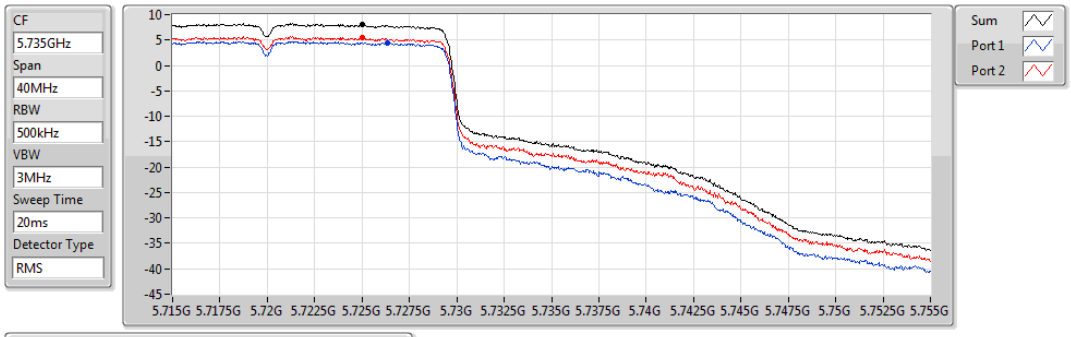


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.70	9.70	6.26	7.13

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

5720MHz Straddle 5.725-5.85GHz

06/03/2019

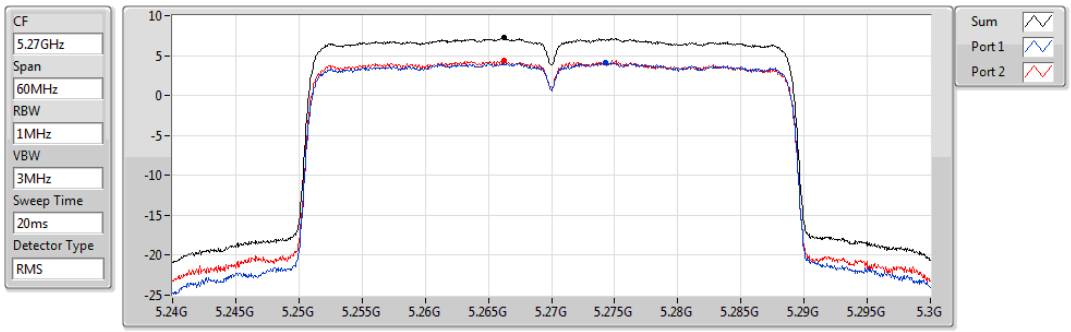


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.99	7.99	4.47	5.48

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

5270MHz

06/03/2019

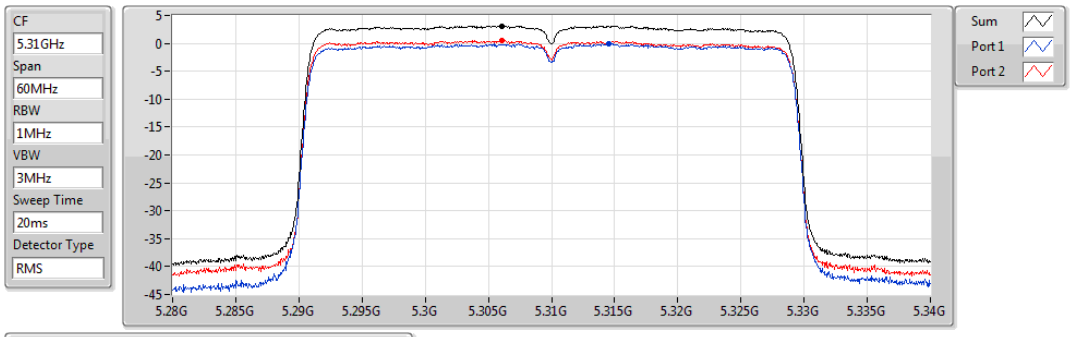


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.20	7.20	4.12	4.39

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

5310MHz

06/03/2019

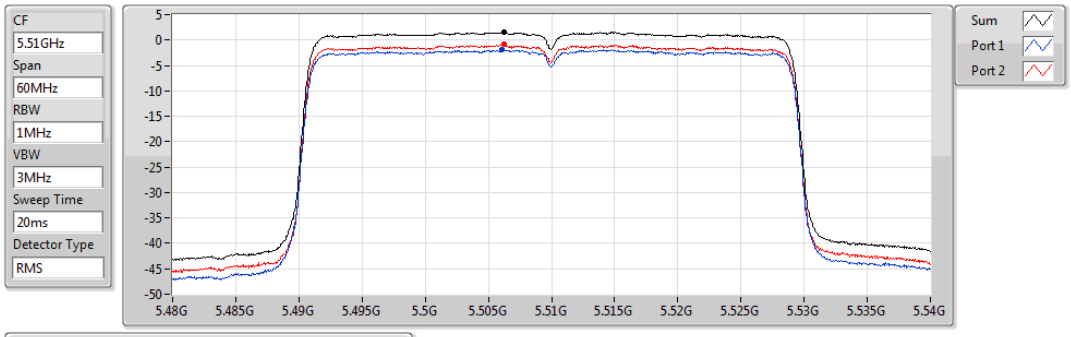


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.14	3.14	-0.09	0.48

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

5510MHz

06/03/2019

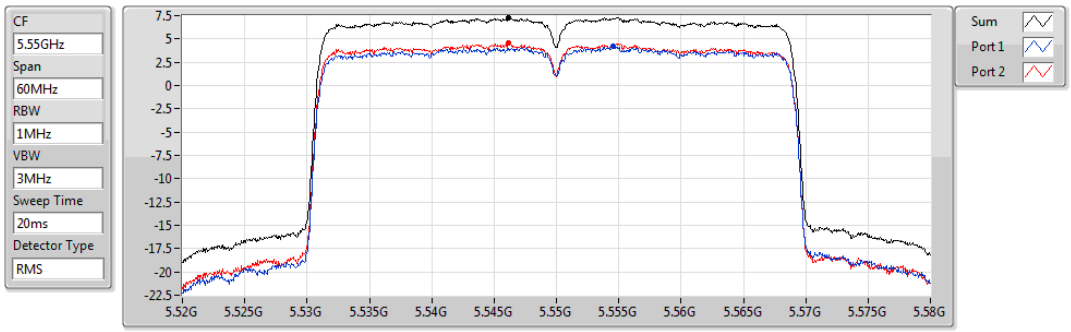


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.61	1.61	-1.90	-0.88

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

5550MHz

06/03/2019

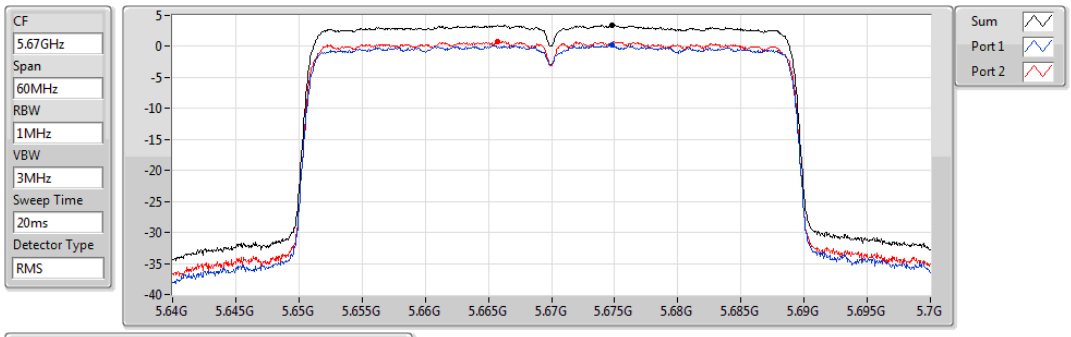


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.29	7.29	4.21	4.55

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

5670MHz

06/03/2019

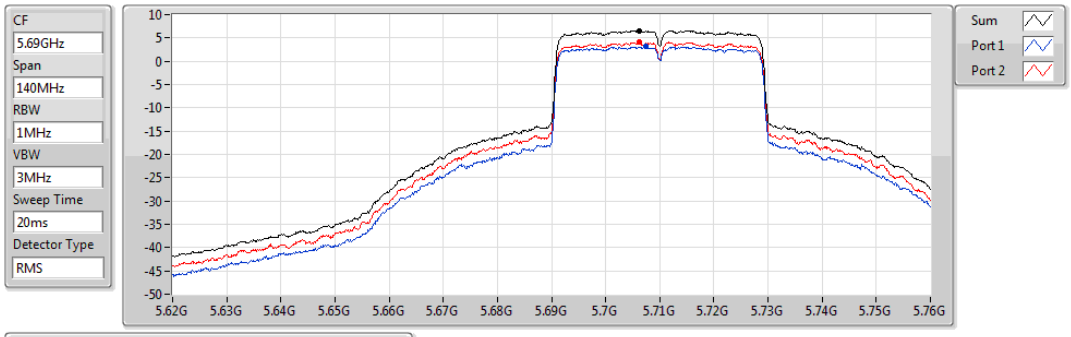


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.50	3.50	0.27	0.83

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

5710MHz Straddle 5.47-5.725GHz

26/02/2019

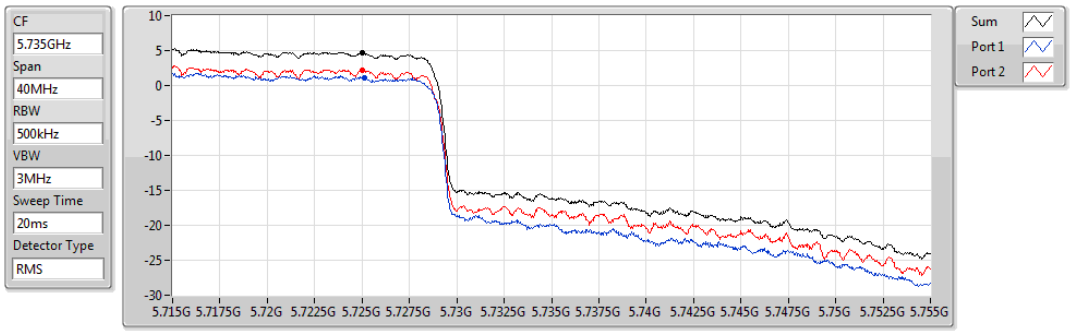


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.59	6.59	3.13	4.09

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

5710MHz Straddle 5.725-5.85GHz

26/02/2019

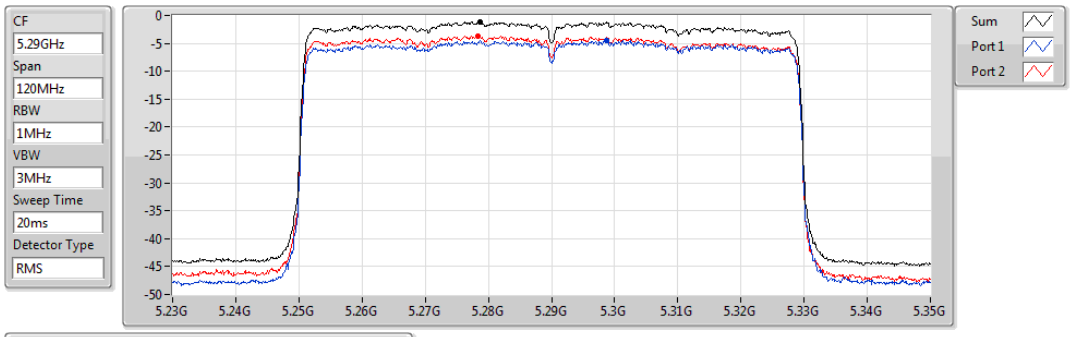


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.64	4.64	1.08	2.16

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

5290MHz

06/03/2019

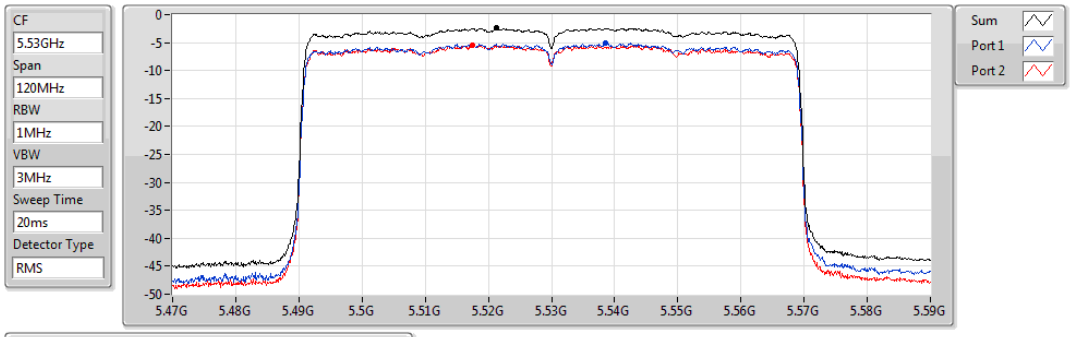


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.14	-1.14	-4.48	-3.66

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

5530MHz

28/02/2019

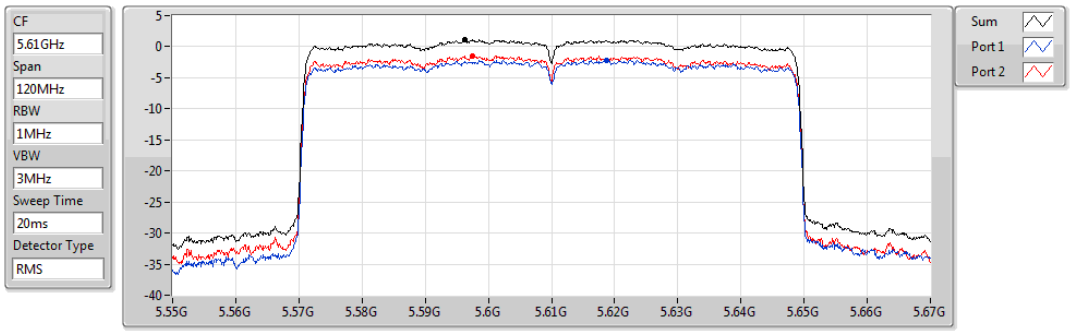


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.38	-2.38	-5.11	-5.38

802.11ax HEW80_Nss2,(MCS0)_2TX PSD

5610MHz

28/02/2019

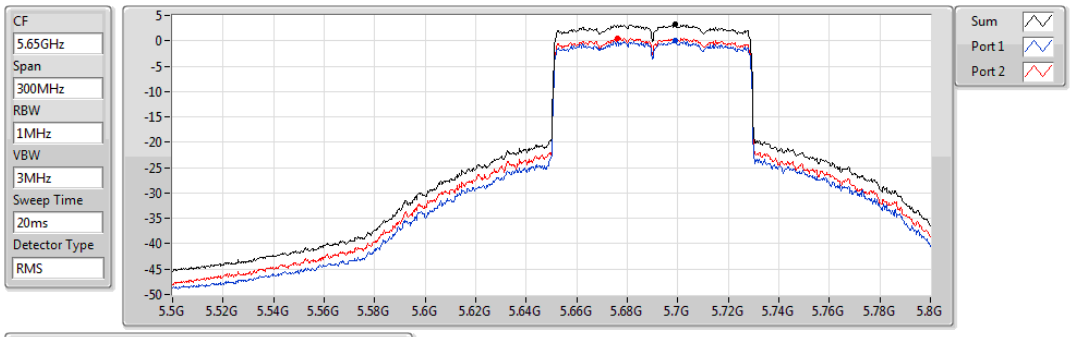


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.08	1.08	-2.13	-1.42

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

5690MHz Straddle 5.47-5.725GHz

06/03/2019

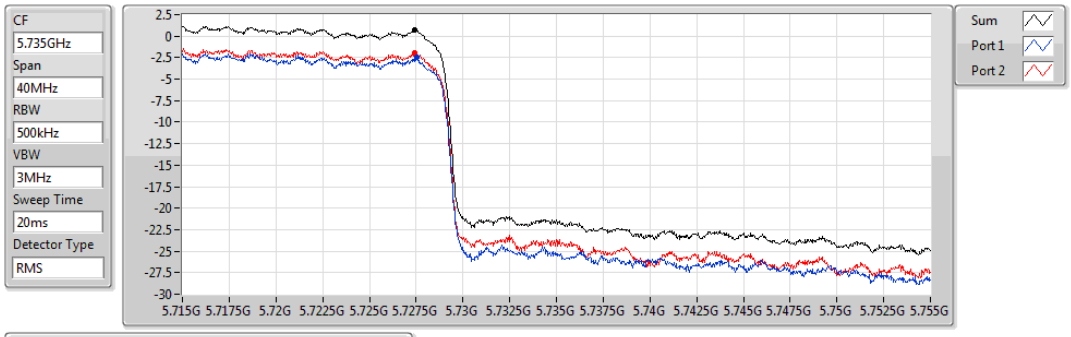


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.21	3.21	-0.03	0.45

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

5690MHz Straddle 5.725-5.85GHz

06/03/2019

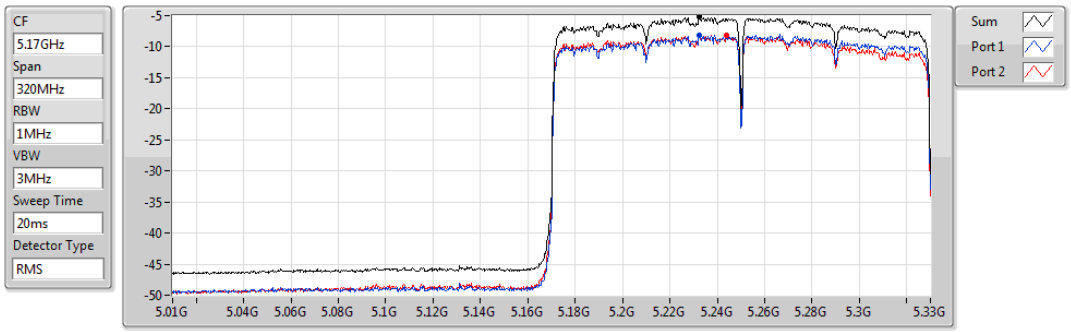


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.70	0.70	-2.42	-1.99

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

5250MHz Straddle 5.15-5.25GHz

06/03/2019

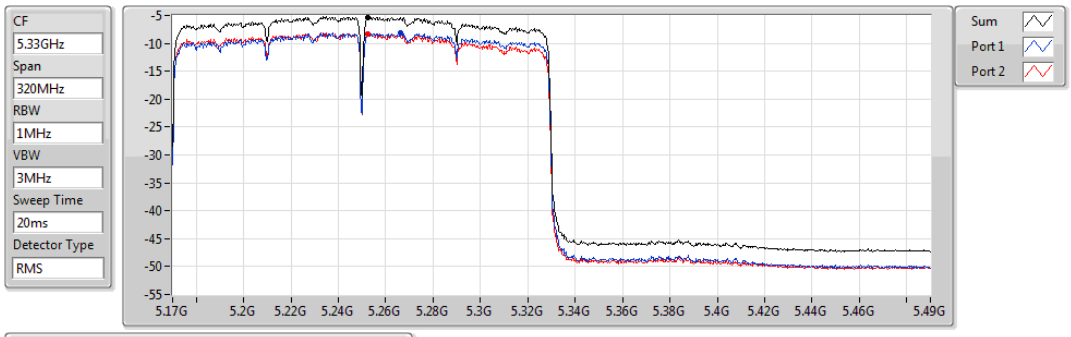


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.25	-5.25	-8.16	-8.18

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

5250MHz Straddle 5.25-5.35GHz

06/03/2019

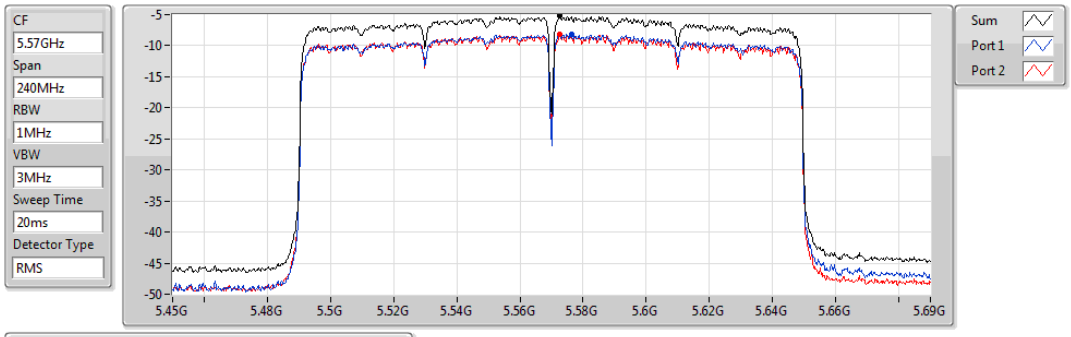


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.35	-5.35	-8.11	-8.26

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

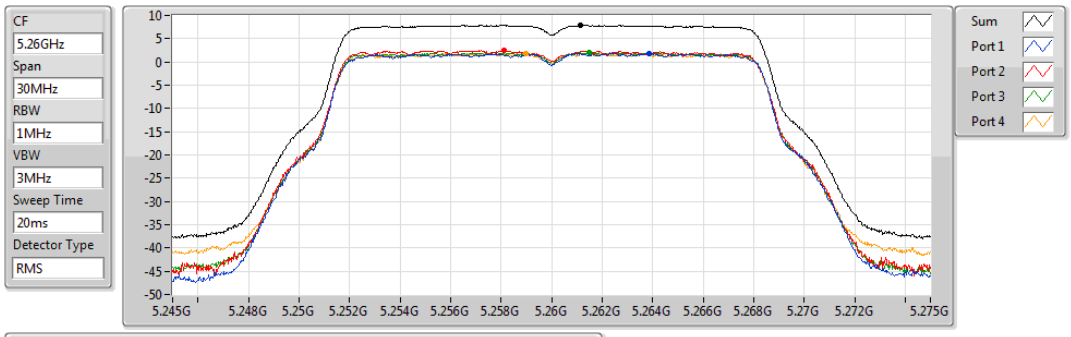
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.02	1.82	2.44	2.03	1.87	7.93	7.98
5300MHz	Pass	9.02	1.89	2.47	1.90	1.77	7.90	7.98
5320MHz	Pass	9.02	2.12	2.04	1.83	1.89	7.86	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

06/03/2019

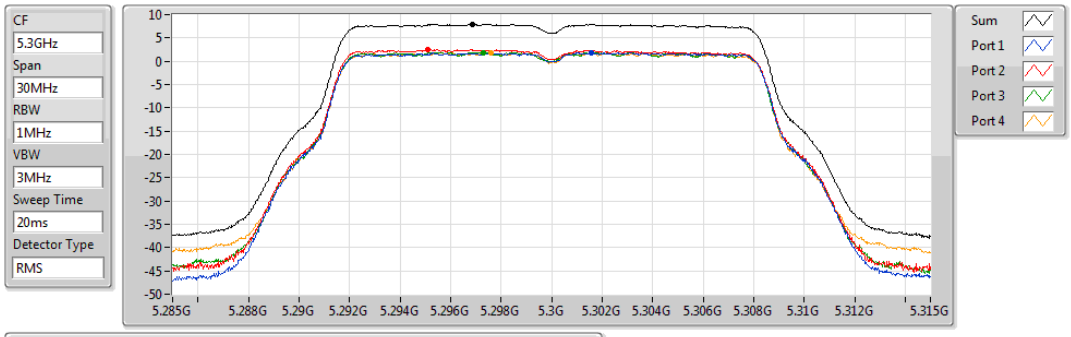


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	1.82	2.44	2.03	1.87

802.11a_Nss1,(6Mbps)_4TX PSD

5300MHz

06/03/2019

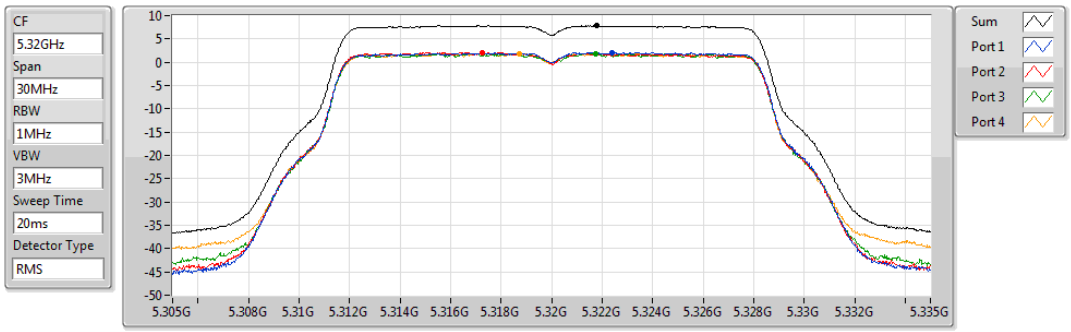


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.90	7.90	1.89	2.47	1.90	1.77

802.11a_Nss1,(6Mbps)_4TX PSD

5320MHz

06/03/2019

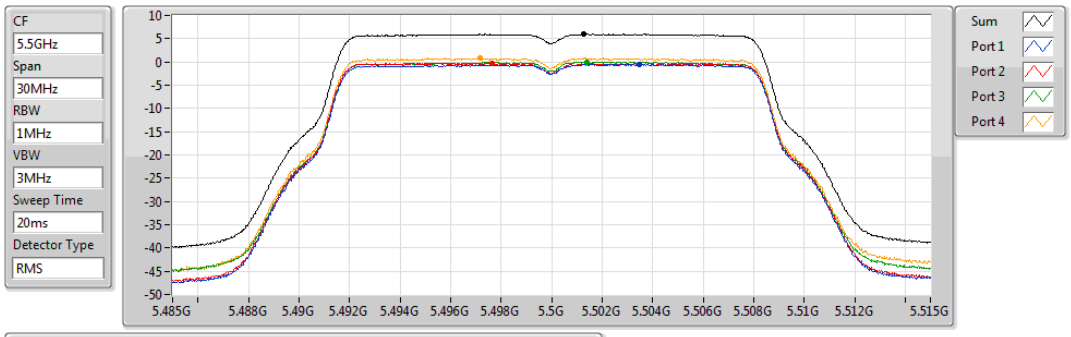


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.86	7.86	2.12	2.04	1.83	1.89

802.11a_Nss1,(6Mbps)_4TX PSD

5500MHz

06/03/2019

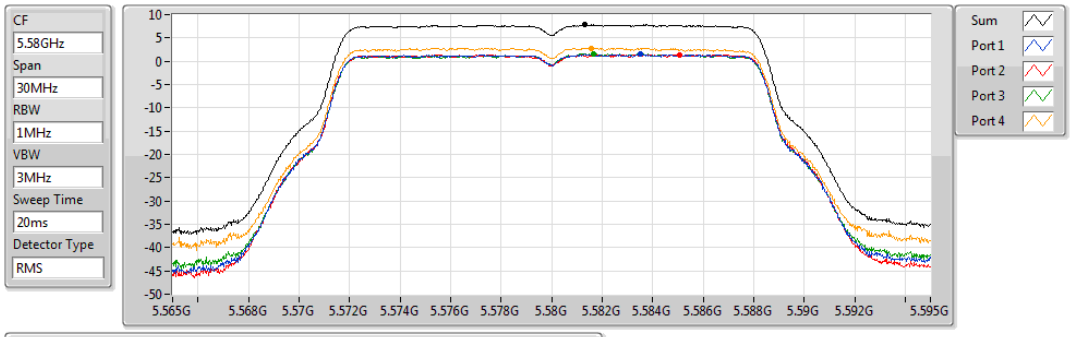


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.97	5.97	-0.51	-0.26	0.03	0.81

802.11a_Nss1,(6Mbps)_4TX PSD

5580MHz

06/03/2019

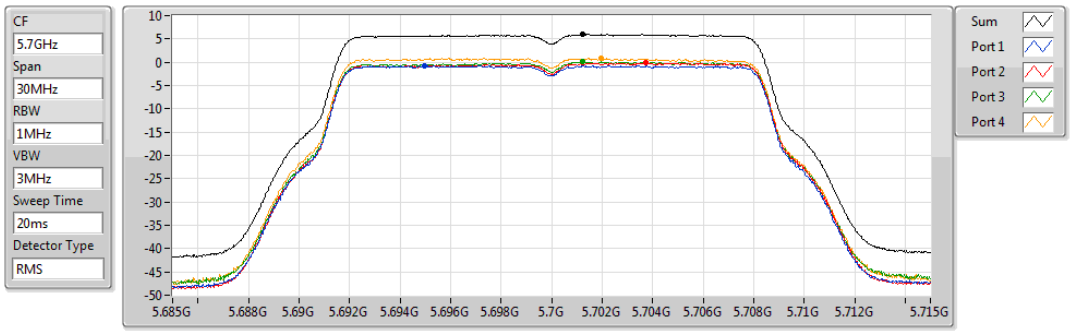


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.80	7.80	1.52	1.44	1.55	2.83

802.11a_Nss1,(6Mbps)_4TX PSD

5700MHz

06/03/2019

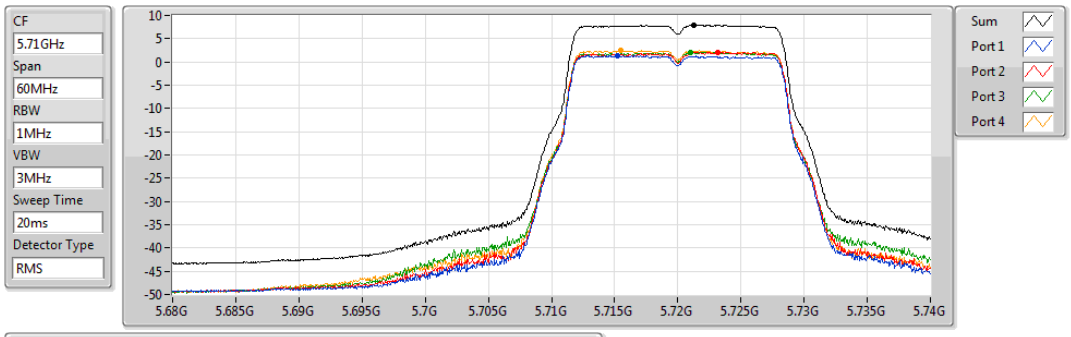


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.94	5.94	-0.76	-0.11	0.09	0.83

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

5720MHz Straddle 5.47-5.725GHz

07/03/2019

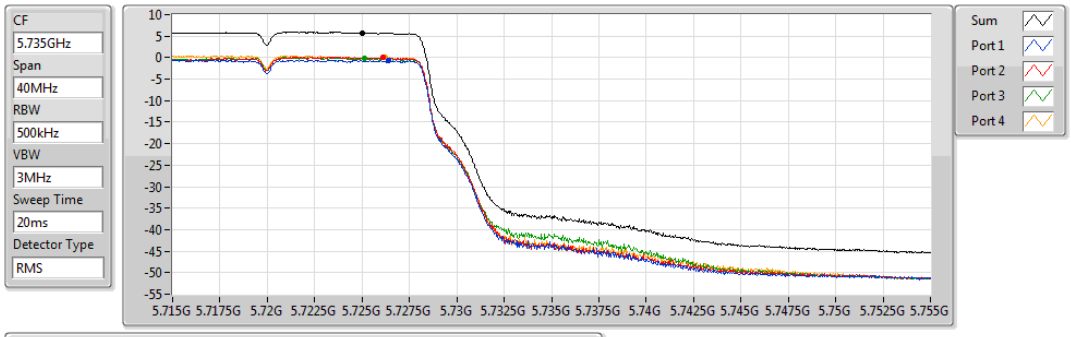


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	1.36	2.14	2.06	2.49

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

5720MHz Straddle 5.725-5.85GHz

07/03/2019

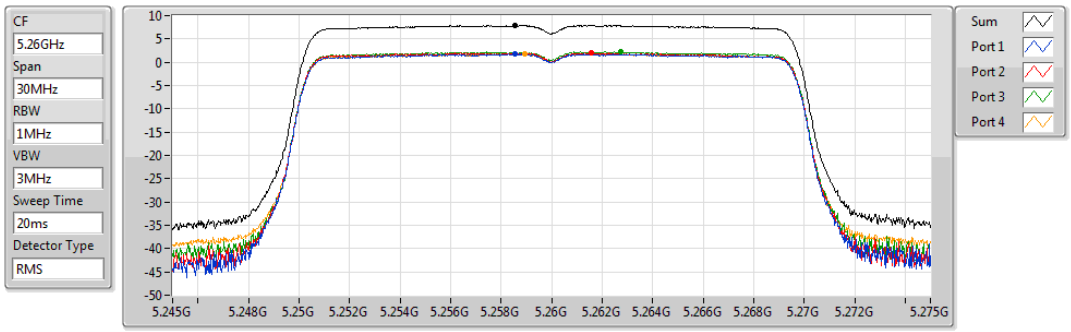


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.75	5.75	-0.56	0.00	-0.10	0.04

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

5260MHz

06/03/2019

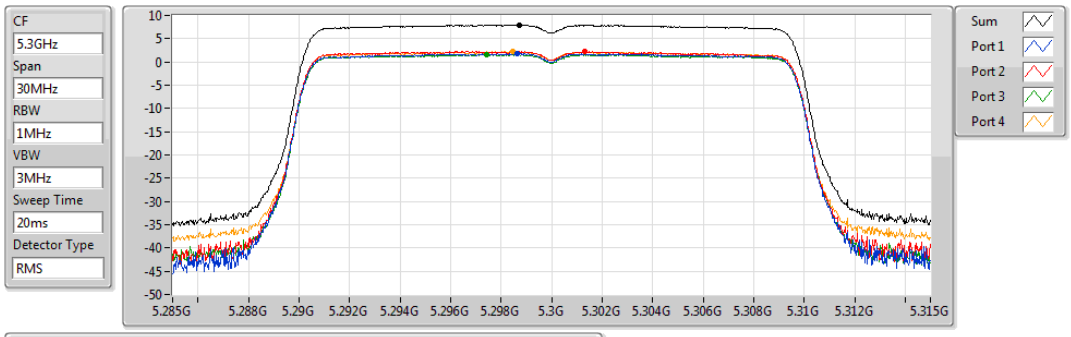


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.87	7.87	1.74	1.96	2.18	1.81

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5300MHz

06/03/2019

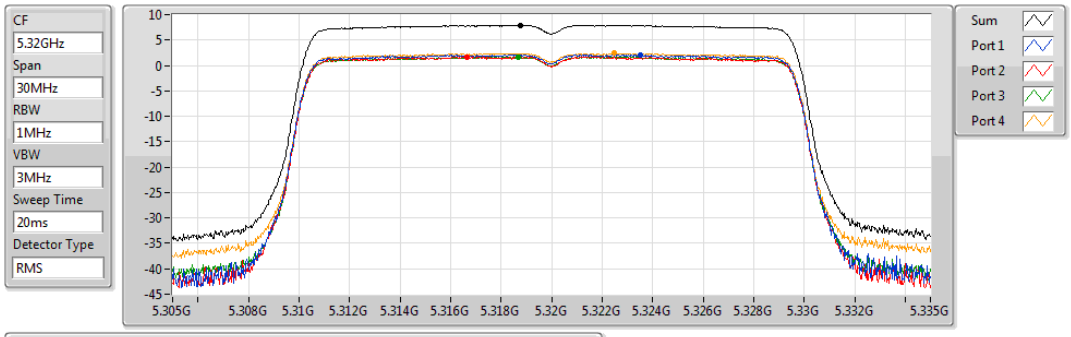


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.94	7.94	1.79	2.23	1.57	2.21

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5320MHz

07/03/2019

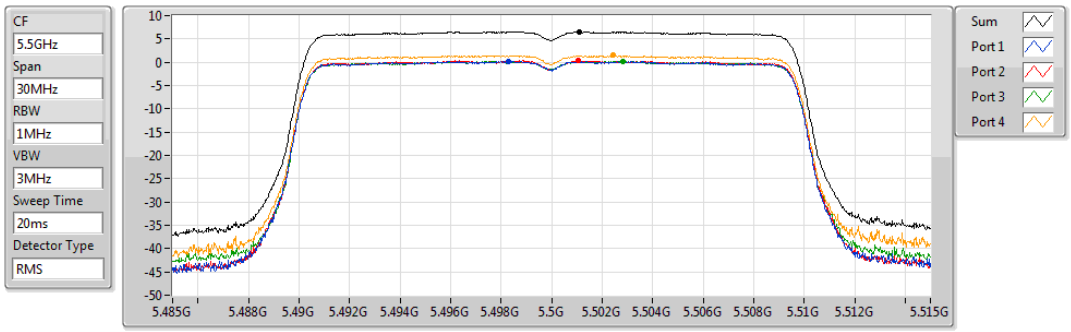


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.94	7.94	2.11	1.71	1.67	2.39

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5500MHz

07/03/2019

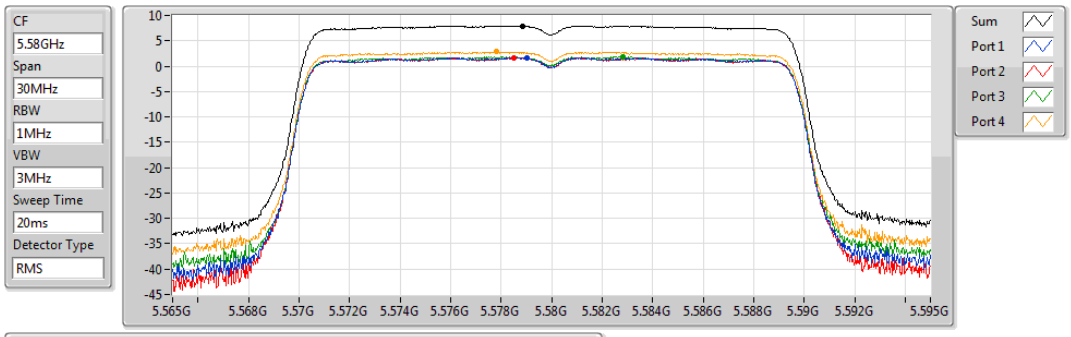


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.50	6.50	0.14	0.34	0.21	1.46

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5580MHz

07/03/2019

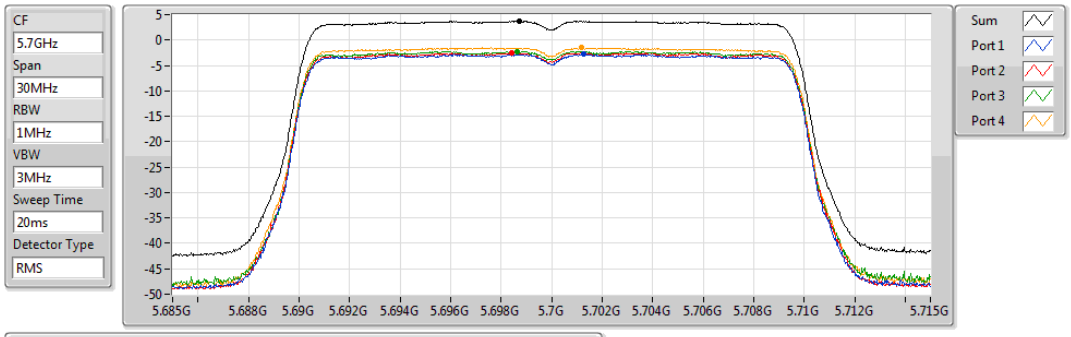


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.95	7.95	1.70	1.67	1.83	2.82

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5700MHz

07/03/2019

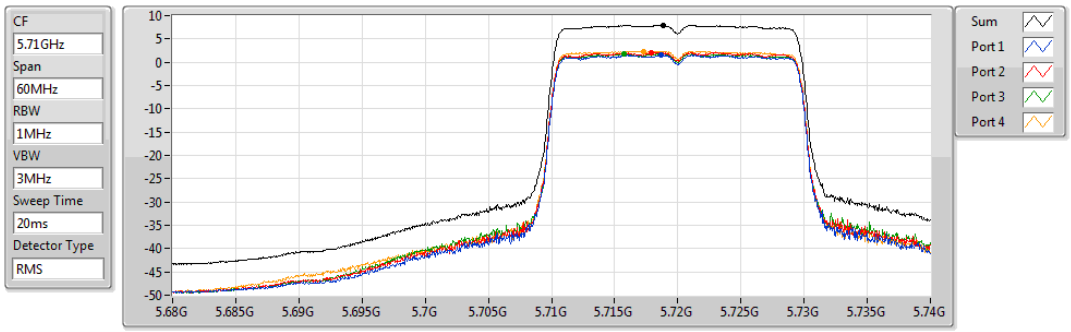


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.71	3.71	-2.81	-2.53	-2.25	-1.52

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.47-5.725GHz

07/03/2019

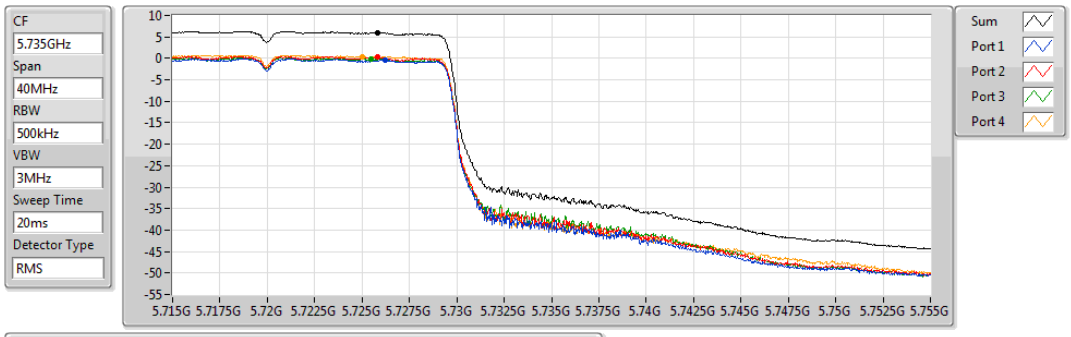


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	1.54	2.09	1.81	2.37

802.11ax HEW20_Nss1,(MCS0)_4TX PSD

5720MHz Straddle 5.725-5.85GHz

07/03/2019

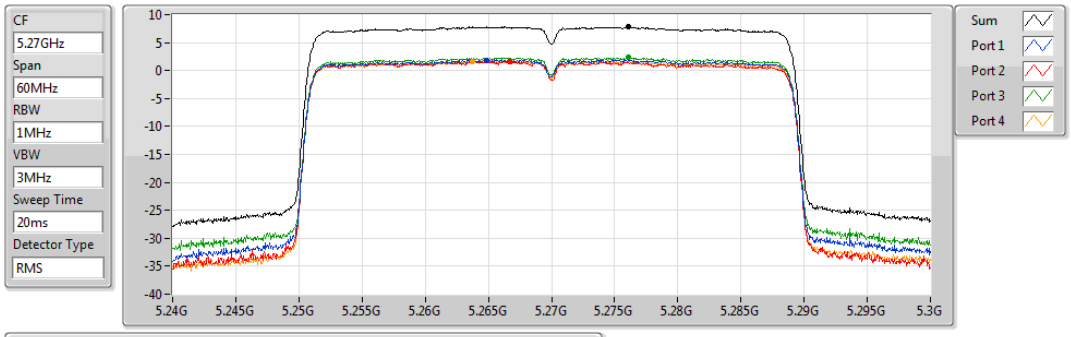


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.96	5.96	-0.38	0.23	-0.15	0.43

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5270MHz

07/03/2019

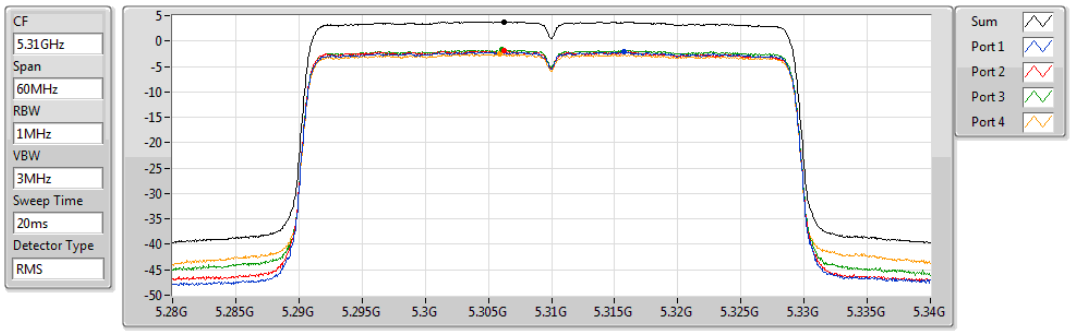


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.81	7.81	1.88	1.63	2.36	1.65

802.11ax HEW40_Nss1,(MCS0)_4TX PSD

5310MHz

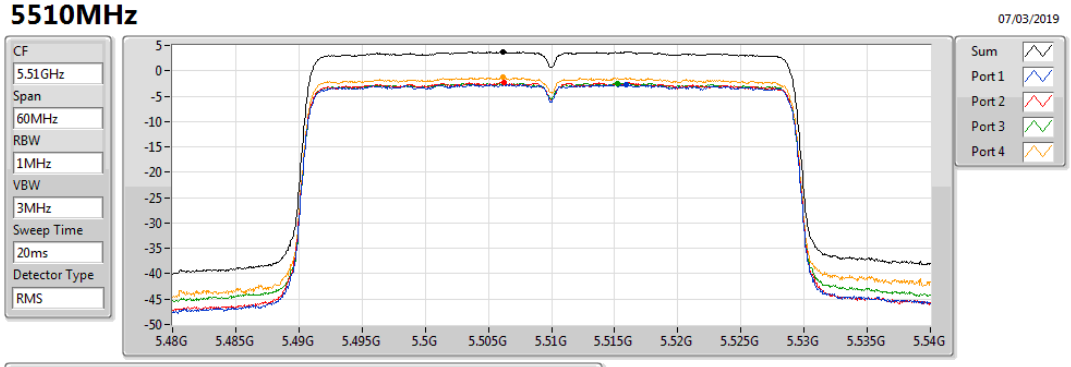
07/03/2019



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

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

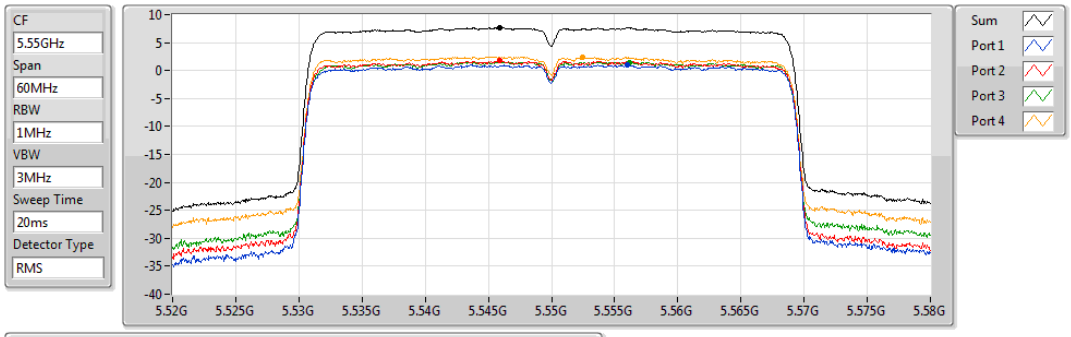
5510MHz



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**

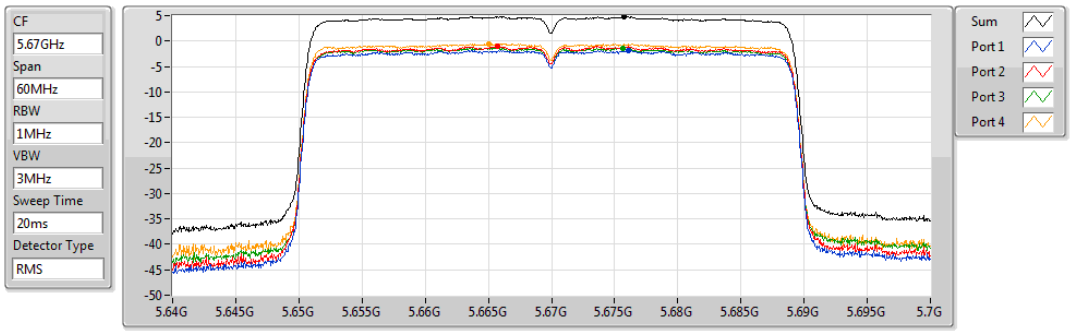
5550MHz



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

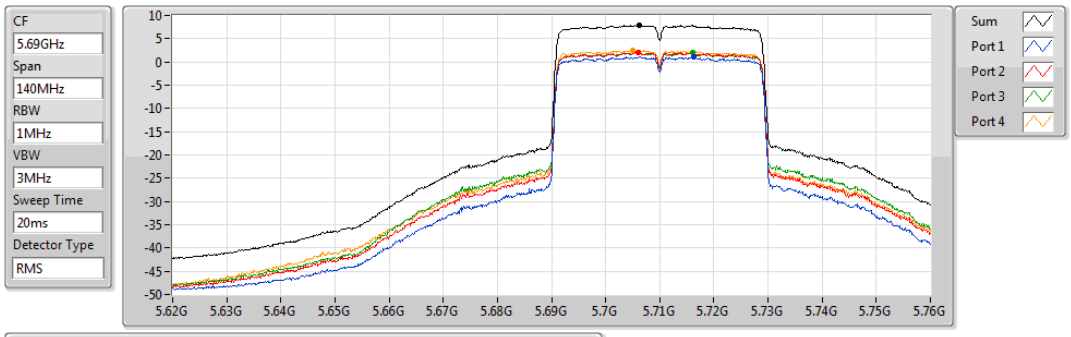


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.74	4.74	-1.78	-1.04	-1.34	-0.54

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

5710MHz Straddle 5.47-5.725GHz

07/03/2019

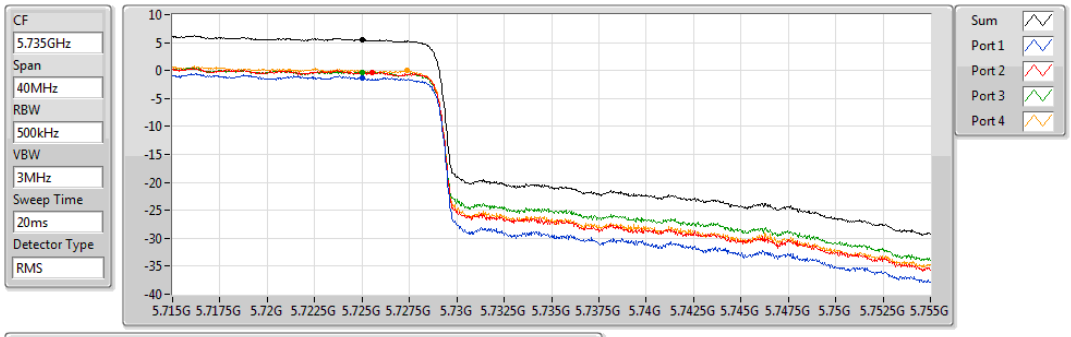


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.88	7.88	1.13	2.02	2.03	2.49

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

5710MHz Straddle 5.725-5.85GHz

07/03/2019

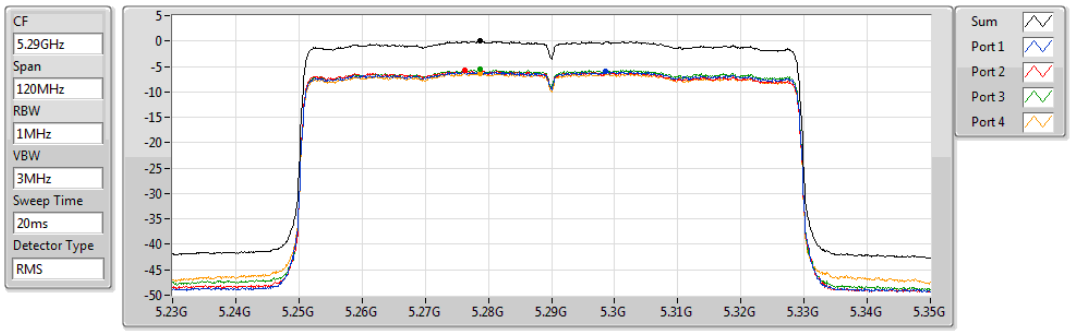


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.47	5.47	-1.32	-0.28	-0.28	-0.05

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

5290MHz

07/03/2019

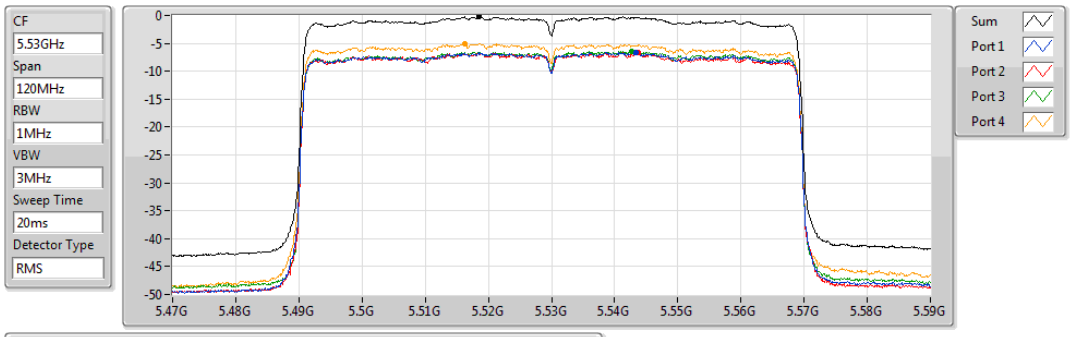


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.04	0.04	-6.04	-5.83	-5.62	-6.37

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5530MHz

07/03/2019

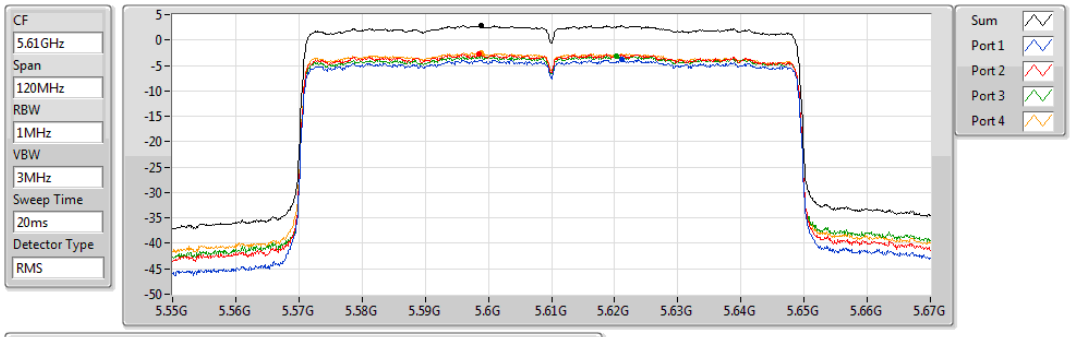


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.24	-0.24	-6.63	-6.67	-6.40	-5.08

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5610MHz

07/03/2019

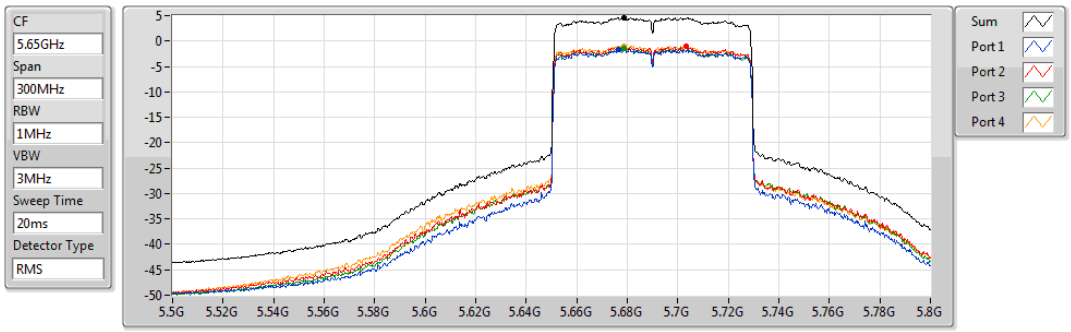


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.91	2.91	-3.89	-2.69	-3.13	-2.55

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.47-5.725GHz

07/03/2019

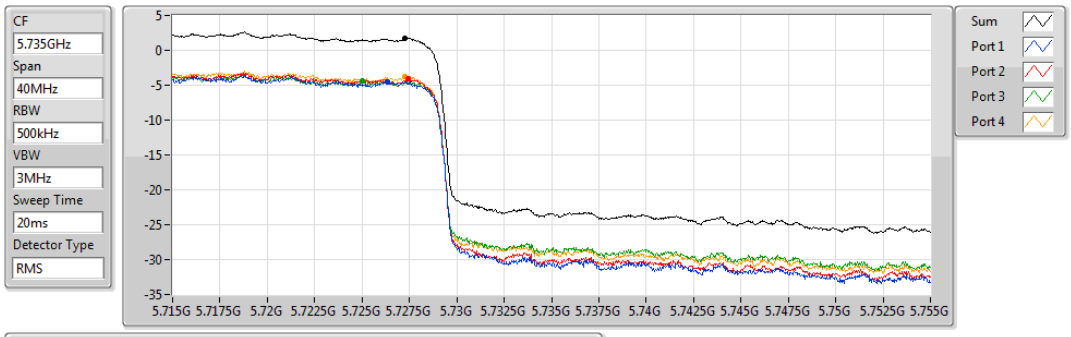


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.65	4.65	-1.59	-1.05	-1.47	-0.91

802.11ax HEW80_Nss1,(MCS0)_4TX PSD

5690MHz Straddle 5.725-5.85GHz

07/03/2019

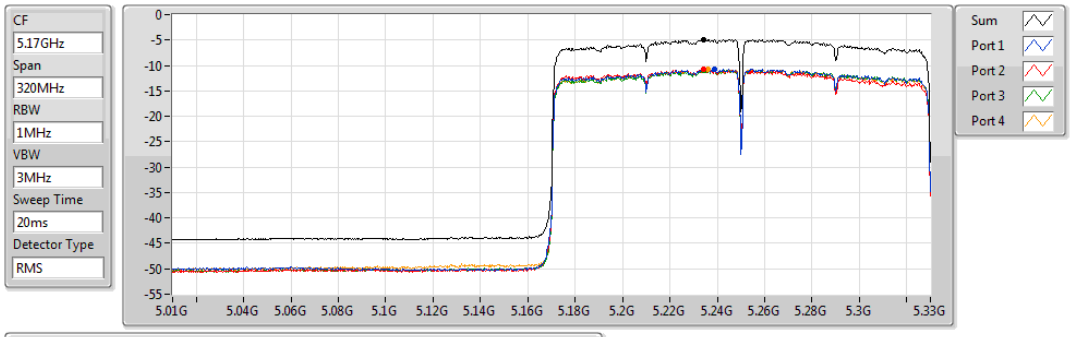


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.72	1.72	-4.48	-4.11	-4.44	-3.70

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.15-5.25GHz

07/03/2019

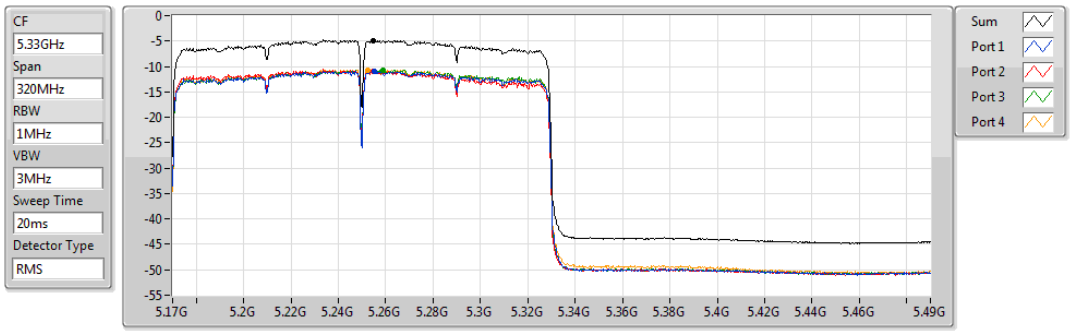


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.85	-4.85	-10.76	-10.67	-10.88	-10.79

802.11ax HEW160_Nss1,(MCS0)_4TX PSD

5250MHz Straddle 5.25-5.35GHz

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)
-4.87	-4.87	-10.89	-10.99	-10.67	-10.66