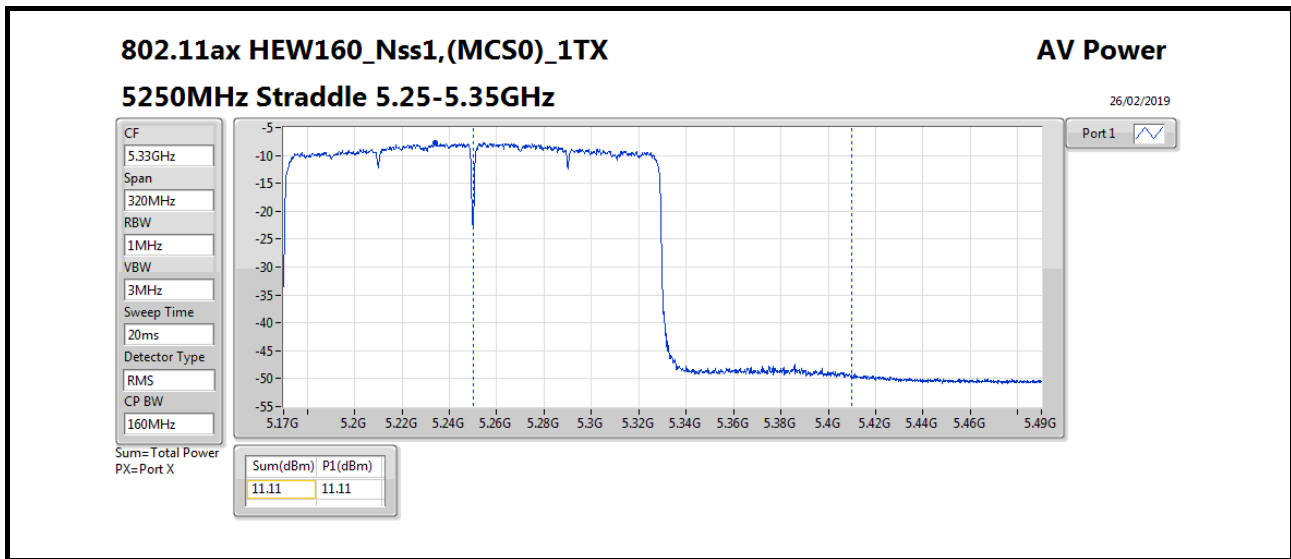






Power Result_Radio 1

Appendix B.7

For Non-beamforming / 2T2S mode Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	12.48	0.01770
5.25-5.35GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.92	0.24660
802.11ax HEW40_Nss2,(MCS0)_2TX	21.68	0.14723
802.11ax HEW80_Nss2,(MCS0)_2TX	17.24	0.05297
802.11ax HEW160_Nss2,(MCS0)_2TX	12.29	0.01694
5.47-5.725GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.88	0.24434
802.11ax HEW40_Nss2,(MCS0)_2TX	22.63	0.18323
802.11ax HEW80_Nss2,(MCS0)_2TX	21.24	0.13305
802.11ax HEW160_Nss2,(MCS0)_2TX	16.01	0.03990
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	17.22	0.05272
802.11ax HEW40_Nss2,(MCS0)_2TX	12.97	0.01982
802.11ax HEW80_Nss2,(MCS0)_2TX	7.85	0.00610

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	20.79	21.02	23.92	23.98	21
5300MHz	Pass	6.00	19.76	19.42	22.60	23.98	19.75
5320MHz	Pass	6.00	15.99	16.17	19.09	23.98	16.25
5500MHz	Pass	6.00	14.69	14.91	17.81	23.98	14.5
5580MHz	Pass	6.00	20.61	21.12	23.88	23.98	21
5700MHz	Pass	6.00	12.85	13.42	16.15	23.98	12.25
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	18.87	19.67	22.30	23.98	19.5
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	13.80	14.59	17.22	30.00	19.5
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	6.00	18.16	19.12	21.68	23.98	18.75
5310MHz	Pass	6.00	14.90	15.28	18.10	23.98	15.25
5510MHz	Pass	6.00	13.63	14.10	16.88	23.98	14
5550MHz	Pass	6.00	18.08	18.42	21.26	23.98	18.25
5670MHz	Pass	6.00	13.93	14.90	17.45	23.98	13.5
5710MHz Straddle 5.47-5.725GHz	Pass	6.00	19.18	20.01	22.63	23.98	20
5710MHz Straddle 5.725-5.85GHz	Pass	6.00	9.52	10.36	12.97	30.00	20
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	6.00	13.83	14.59	17.24	23.98	14.25
5530MHz	Pass	6.00	13.72	13.42	16.58	23.98	13.5
5610MHz	Pass	6.00	16.29	16.54	19.43	23.98	15.75
5690MHz Straddle 5.47-5.725GHz	Pass	6.00	18.09	18.36	21.24	23.98	17.75
5690MHz Straddle 5.725-5.85GHz	Pass	6.00	4.65	5.02	7.85	30.00	17.75
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00	9.21	9.71	12.48	30.00	12.5
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	9.42	9.14	12.29	23.98	12.5
5570MHz	Pass	6.00	13.15	12.84	16.01	23.98	12.25

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

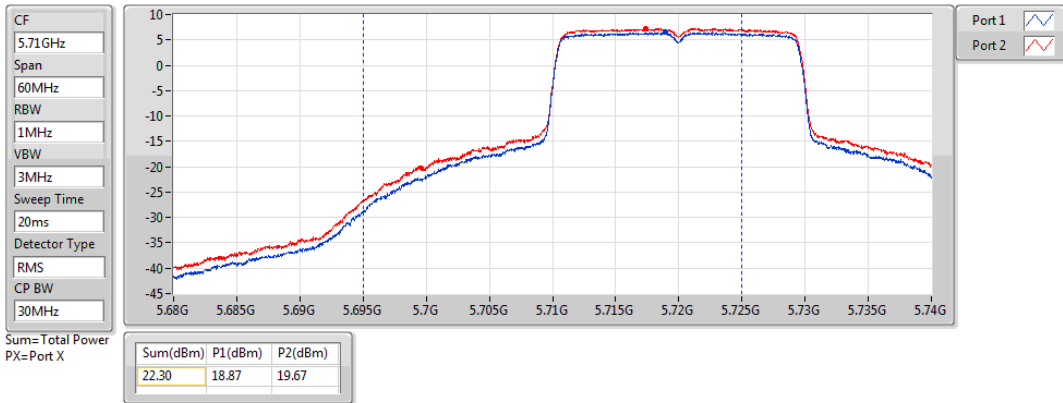
Note : Conducted setting = Pass conducted setting division 4

802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/03/2019

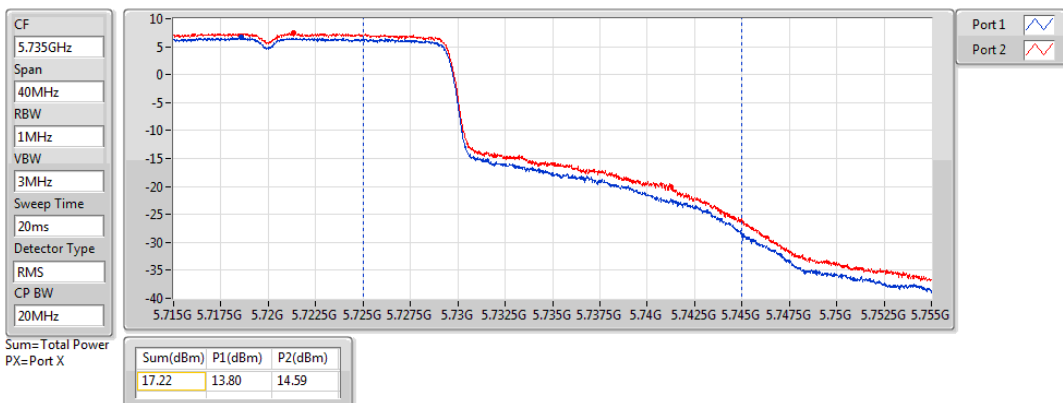


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/03/2019

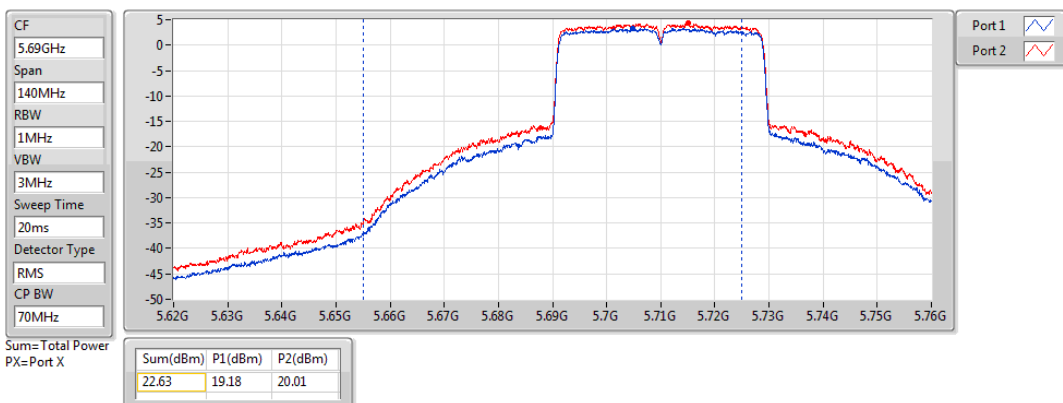


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

26/02/2019

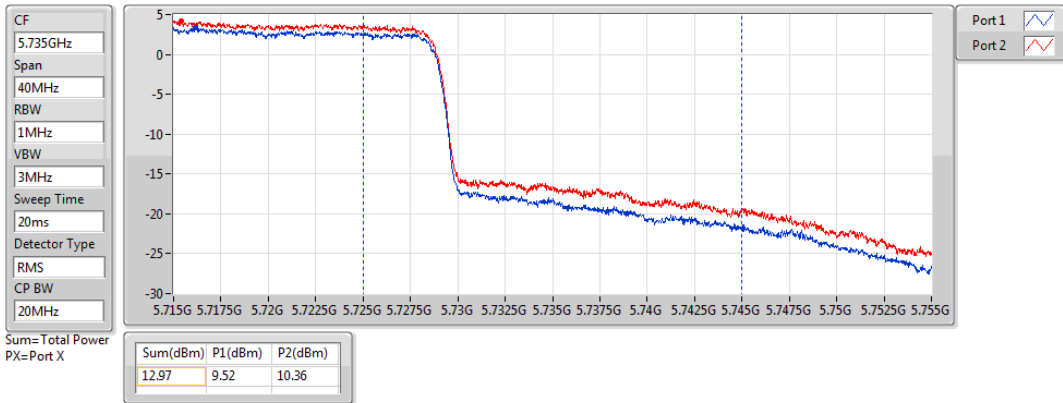


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

26/02/2019

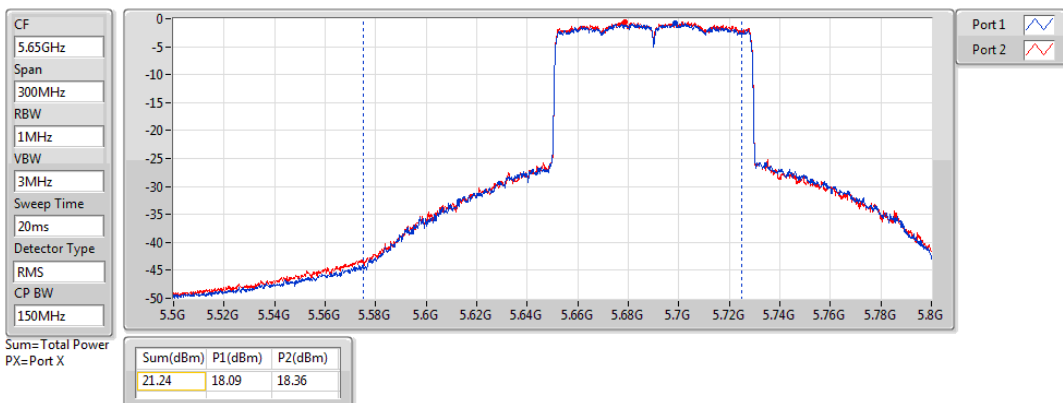


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

26/02/2019

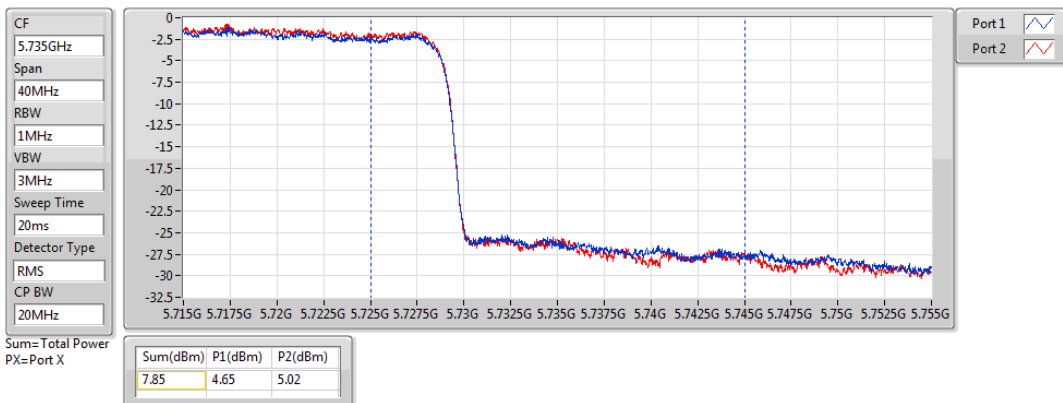


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

26/02/2019

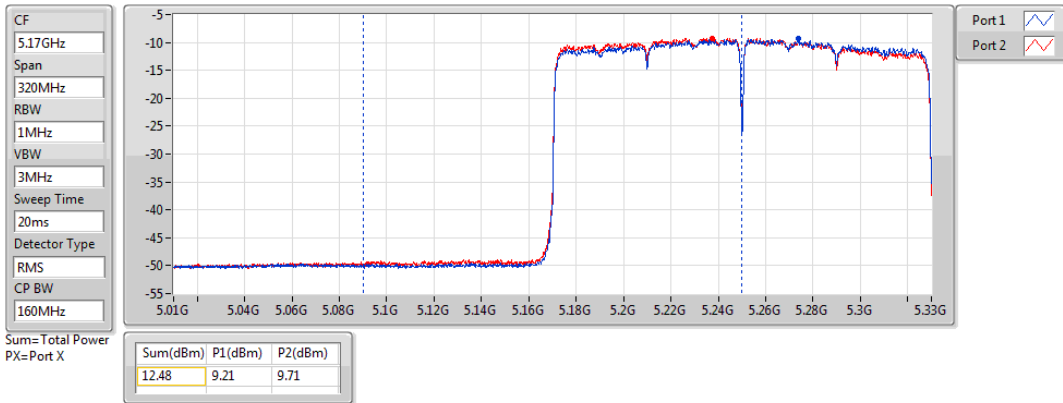


802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz

26/02/2019

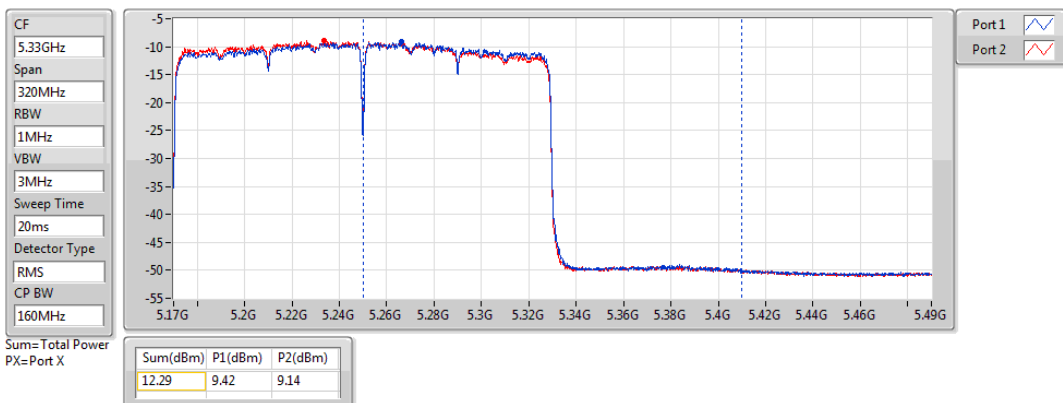


802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz

26/02/2019





Power Result_Radio 1

Appendix B.8

For Non-beamforming / 4T1S mode Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	12.94	0.01968
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	18.24	0.06668
802.11ax HEW20_Nss1,(MCS0)_4TX	18.59	0.07228
802.11ax HEW40_Nss1,(MCS0)_4TX	21.73	0.14894
802.11ax HEW80_Nss1,(MCS0)_4TX	19.03	0.07998
802.11ax HEW160_Nss1,(MCS0)_4TX	12.83	0.01919
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	18.41	0.06934
802.11ax HEW20_Nss1,(MCS0)_4TX	18.67	0.07362
802.11ax HEW40_Nss1,(MCS0)_4TX	21.82	0.15205
802.11ax HEW80_Nss1,(MCS0)_4TX	23.09	0.20370
802.11ax HEW160_Nss1,(MCS0)_4TX	18.36	0.06855
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	10.53	0.01130
802.11ax HEW20_Nss1,(MCS0)_4TX	12.20	0.01660
802.11ax HEW40_Nss1,(MCS0)_4TX	10.97	0.01250
802.11ax HEW80_Nss1,(MCS0)_4TX	9.44	0.00879

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	12.17	12.45	11.98	12.23	18.23	23.98	12.5
5300MHz	Pass	6.00	12.43	12.45	11.88	12.10	18.24	23.98	12.75
5320MHz	Pass	6.00	12.07	12.51	11.72	12.43	18.21	23.98	13
5500MHz	Pass	6.00	11.68	11.87	11.61	12.49	17.95	23.98	11.75
5580MHz	Pass	6.00	12.16	12.13	12.13	13.07	18.41	23.98	12
5700MHz	Pass	6.00	11.84	11.76	12.27	12.26	18.06	23.98	11
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	10.53	10.98	11.18	11.61	17.11	22.94	11.5
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	3.95	4.18	4.95	4.89	10.53	30.00	11.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	6.00	12.55	12.66	12.58	12.45	18.58	23.98	12.5
5300MHz	Pass	6.00	12.53	12.56	12.52	12.66	18.59	23.98	12.75
5320MHz	Pass	6.00	12.58	12.65	12.19	12.61	18.53	23.98	13
5500MHz	Pass	6.00	11.83	12.06	11.94	13.04	18.27	23.98	11.75
5580MHz	Pass	6.00	12.20	12.53	12.28	13.47	18.67	23.98	12
5700MHz	Pass	6.00	8.35	9.13	9.26	9.71	15.16	23.98	8
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	10.95	11.54	11.47	11.77	17.46	22.97	11.75
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	5.67	6.31	6.21	6.48	12.20	30.00	11.75
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	6.00	15.74	15.83	15.82	15.44	21.73	23.98	15.75
5310MHz	Pass	6.00	12.84	13.45	13.61	12.75	19.20	23.98	13.5
5510MHz	Pass	6.00	12.15	12.88	12.41	13.51	18.79	23.98	12.25
5550MHz	Pass	6.00	15.43	15.68	15.33	16.64	21.82	23.98	15.25
5670MHz	Pass	6.00	13.18	13.97	13.58	13.92	19.69	23.98	12.25
5710MHz Straddle 5.47-5.725GHz	Pass	6.00	14.10	15.20	14.83	15.31	20.91	23.98	14.25
5710MHz Straddle 5.725-5.85GHz	Pass	6.00	4.02	5.43	4.91	5.30	10.97	30.00	14.25
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	6.00	12.89	12.95	13.36	12.81	19.03	23.98	13
5530MHz	Pass	6.00	13.02	12.80	12.43	13.77	19.05	23.98	12.5
5610MHz	Pass	6.00	14.88	14.77	14.67	15.37	20.95	23.98	14
5690MHz Straddle 5.47-5.725GHz	Pass	6.00	16.88	17.19	16.94	17.27	23.09	23.98	16.5
5690MHz Straddle 5.725-5.85GHz	Pass	6.00	3.20	3.58	3.21	3.66	9.44	30.00	16.5
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00	6.82	6.95	6.89	7.03	12.94	30.00	10.25
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	6.95	6.23	7.01	6.99	12.83	23.98	10.25
5570MHz	Pass	6.00	12.25	12.23	12.19	12.68	18.36	23.98	11.25

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

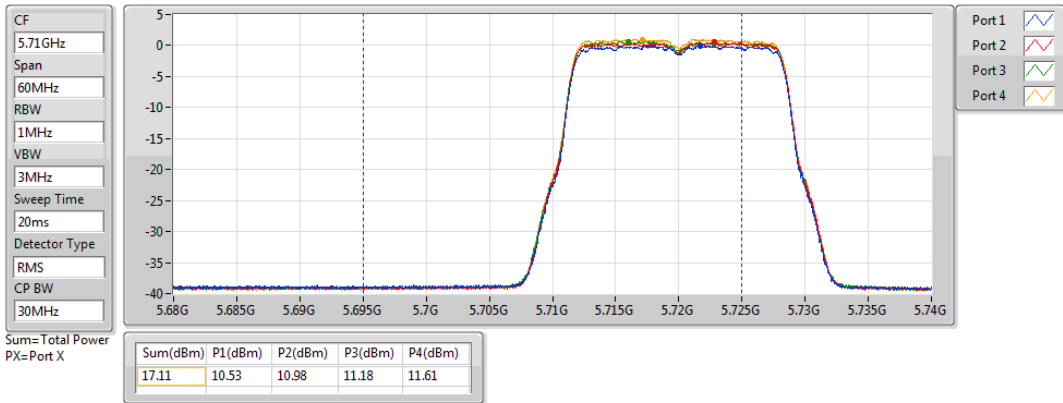
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

26/02/2019

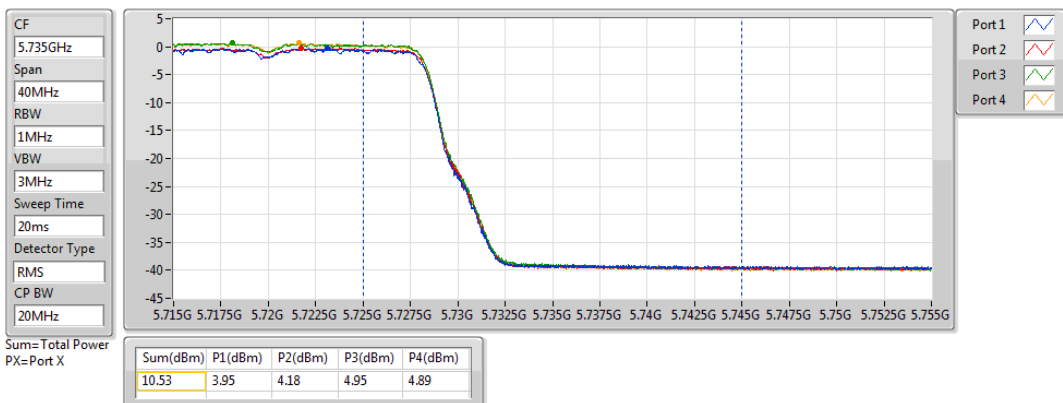


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

26/02/2019

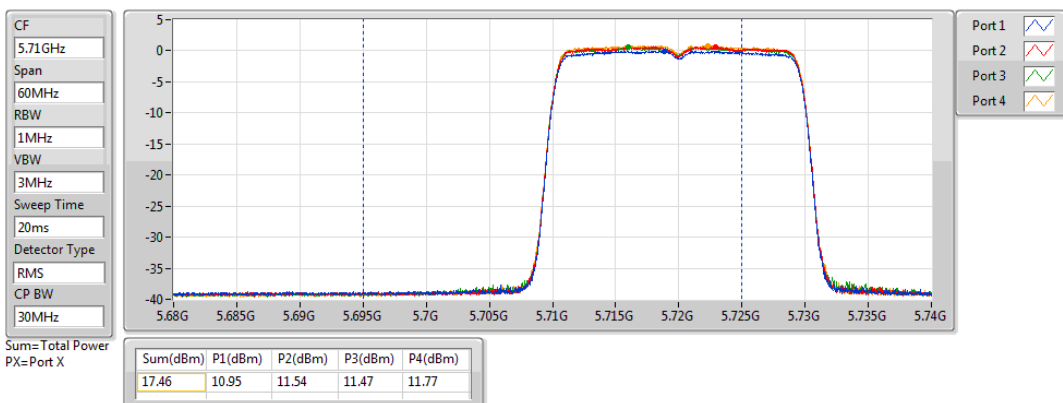


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

26/02/2019

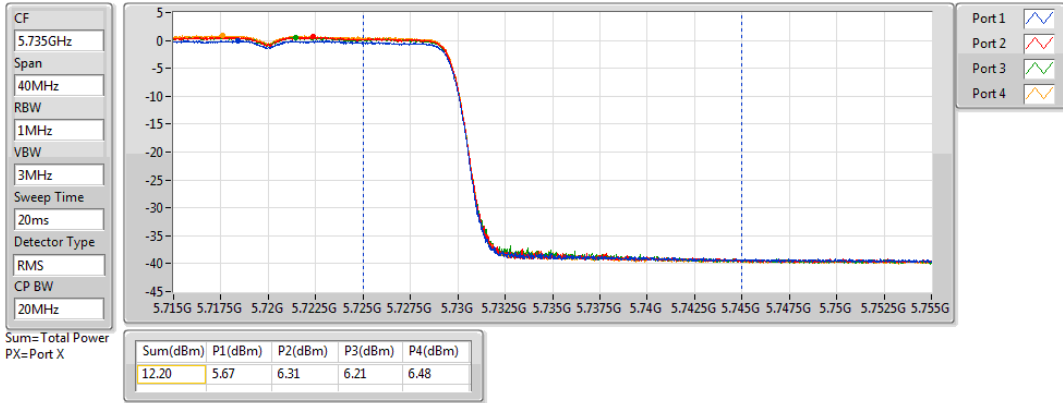


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

26/02/2019

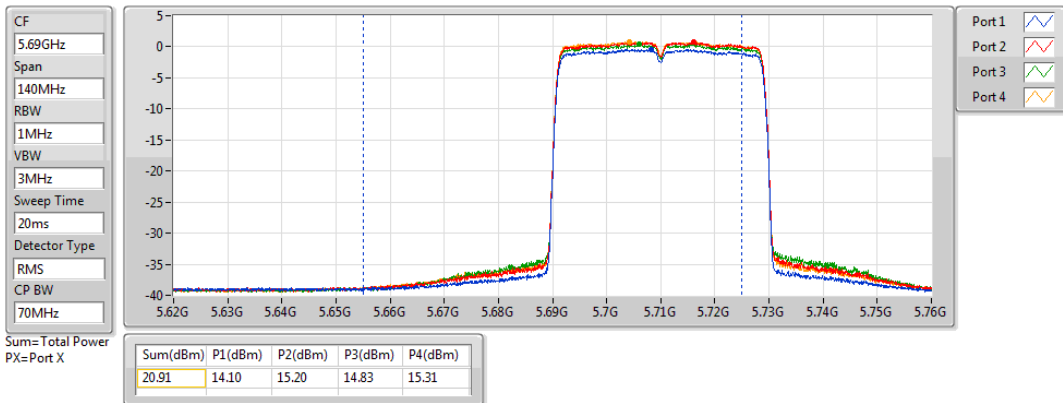


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

27/02/2019

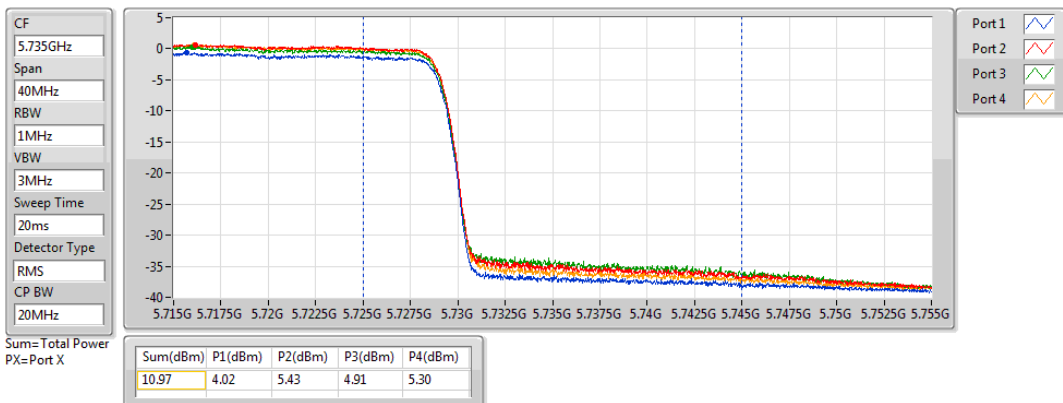


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

27/02/2019

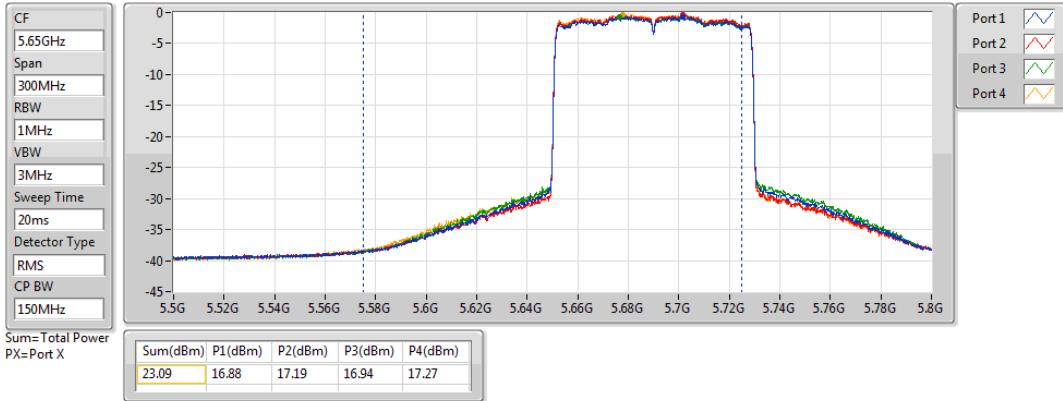


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

27/02/2019

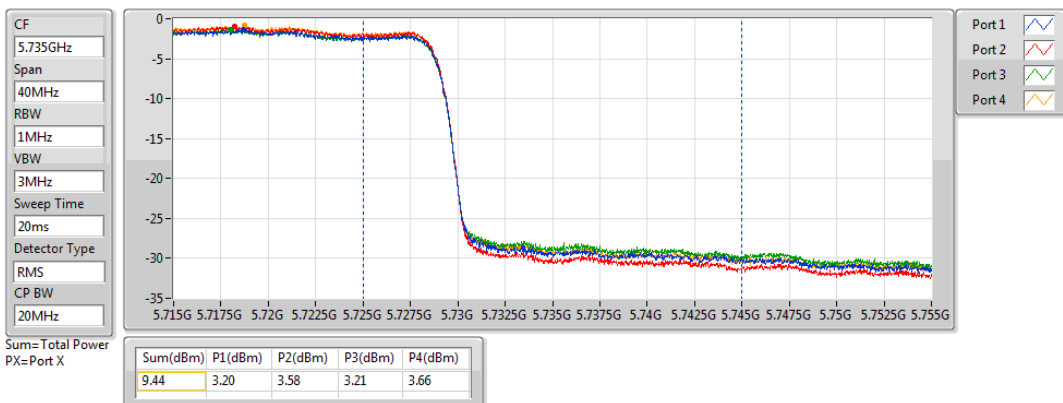


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

27/02/2019

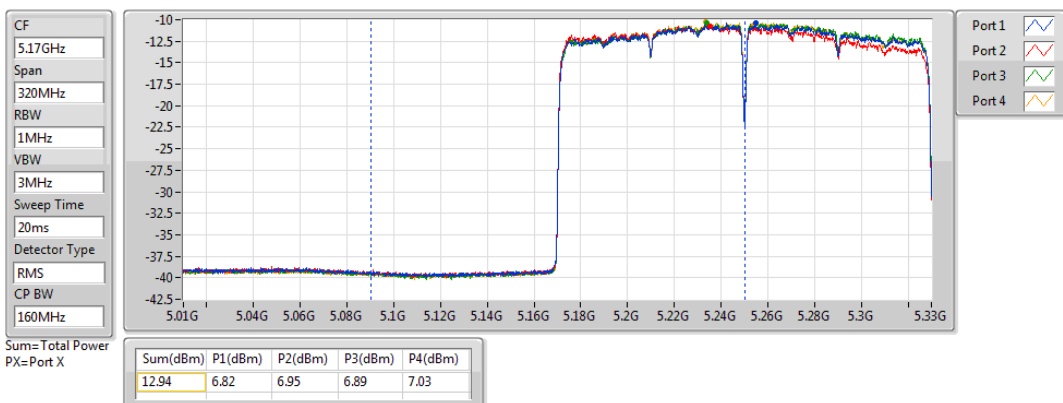


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

27/02/2019

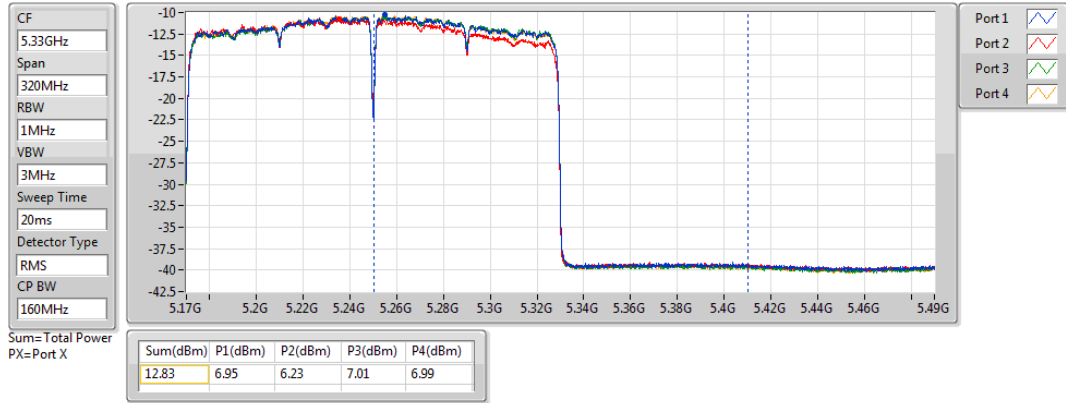


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

27/02/2019





Power Result_Radio 1

Appendix B.9

For Beamforming / 4T1S mode Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	13.55	0.02265
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.91	0.06180
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	17.87	0.06124
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.75	0.05957
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	13.50	0.02239
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	17.91	0.06180
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	17.94	0.06223
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.92	0.06194
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	16.15	0.04121
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	11.68	0.01472
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.25	0.00668
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.09	0.00256

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	11.59	11.91	12.02	11.48	17.78	17.96	10.75
5300MHz	Pass	12.02	11.91	11.67	12.32	11.61	17.91	17.96	11
5320MHz	Pass	12.02	11.65	11.90	12.06	11.65	17.84	17.96	11.25
5500MHz	Pass	12.02	10.84	11.98	12.12	12.22	17.84	17.96	9.75
5580MHz	Pass	12.02	10.78	11.66	12.41	12.50	17.91	17.96	9.75
5700MHz	Pass	12.02	10.76	11.75	12.30	11.49	17.63	17.96	8.75
5720MHz Straddle 5.47-5.725GHz	Pass	12.02	10.01	10.65	11.32	10.85	16.75	16.94	8.75
5720MHz Straddle 5.725-5.85GHz	Pass	12.02	5.00	5.72	6.19	5.66	11.68	23.98	8.75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	12.02	11.89	12.14	11.77	11.14	17.77	17.96	11
5310MHz	Pass	12.02	11.81	12.09	11.95	11.53	17.87	17.96	11.25
5510MHz	Pass	12.02	8.02	9.12	9.40	9.55	15.08	17.96	6.75
5550MHz	Pass	12.02	10.92	11.85	12.32	12.36	17.92	17.96	9.5
5670MHz	Pass	12.02	10.85	11.75	12.58	12.32	17.94	17.96	9
5710MHz Straddle 5.47-5.725GHz	Pass	12.02	10.91	11.94	12.51	12.10	17.92	17.96	9
5710MHz Straddle 5.725-5.85GHz	Pass	12.02	1.29	2.29	2.70	2.50	8.25	23.98	9
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	12.02	11.68	11.32	12.38	11.47	17.75	17.96	10.75
5530MHz	Pass	12.02	11.14	11.98	11.84	12.54	17.92	17.96	9.5
5610MHz	Pass	12.02	10.82	11.94	12.33	12.00	17.83	17.96	9
5690MHz Straddle 5.47-5.725GHz	Pass	12.02	10.94	11.89	12.30	12.06	17.85	17.96	8.75
5690MHz Straddle 5.725-5.85GHz	Pass	12.02	-2.67	-1.55	-1.75	-1.83	4.09	23.98	8.75
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	12.02	7.42	8.19	7.23	7.21	13.55	23.98	9.25
5250MHz Straddle 5.25-5.35GHz	Pass	12.02	7.37	7.39	7.73	7.42	13.50	17.96	9.25
5570MHz	Pass	12.02	9.72	9.99	10.11	10.66	16.15	17.96	7.5

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

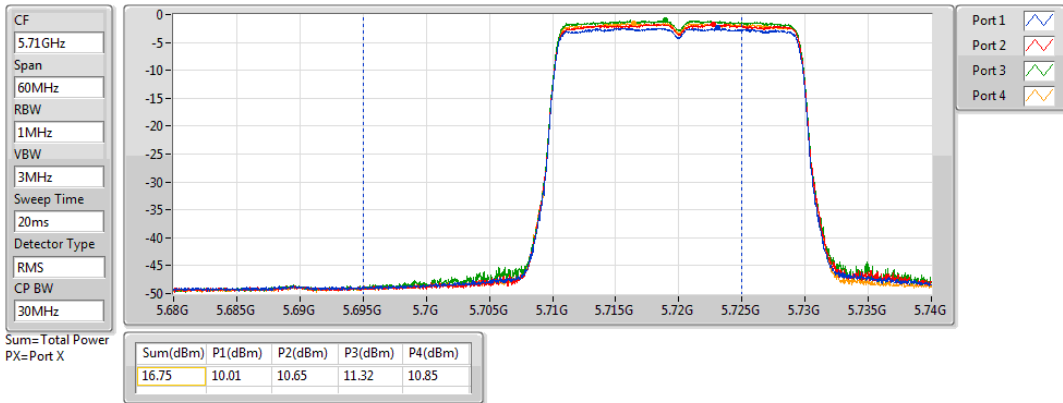
Note : Conducted setting = Pass conducted setting division 4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

27/02/2019

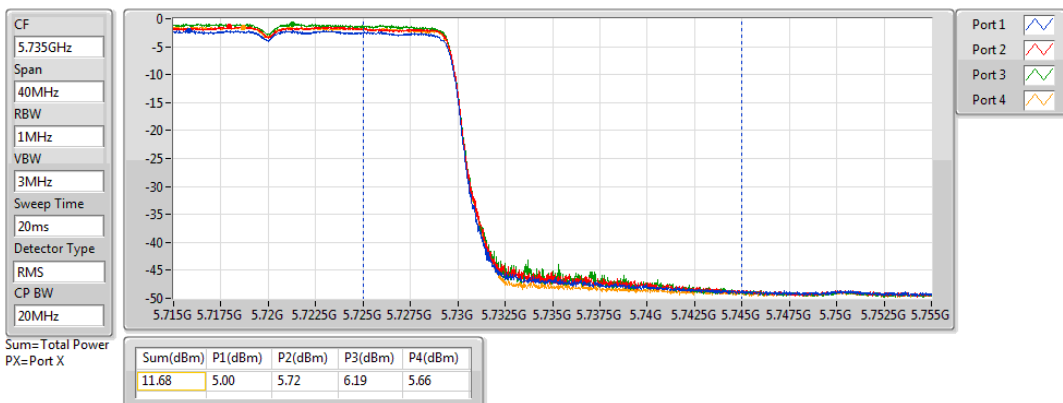


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

27/02/2019

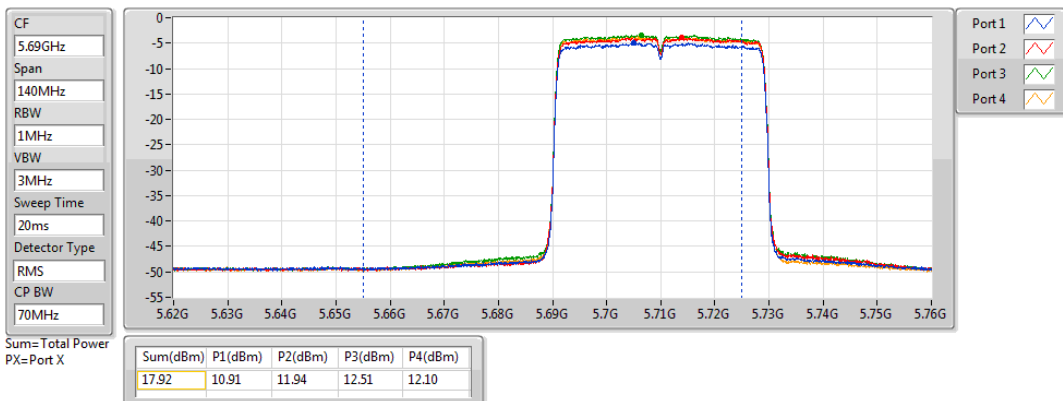


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

27/02/2019

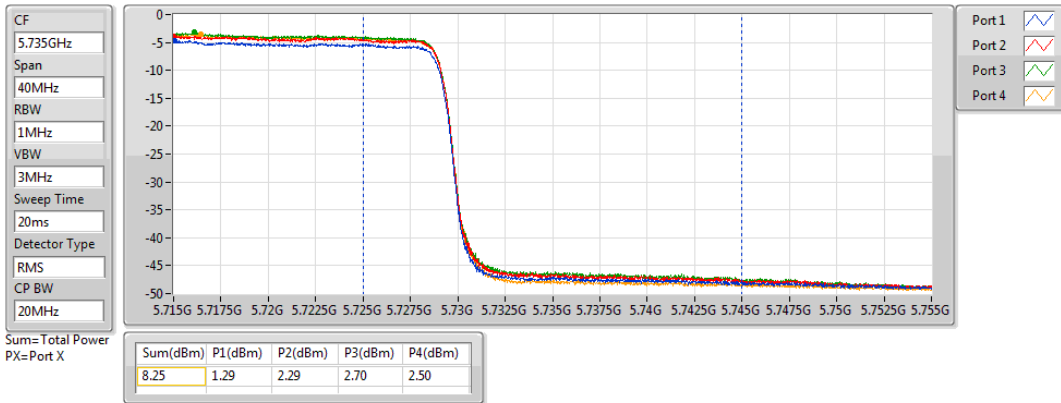


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

27/02/2019

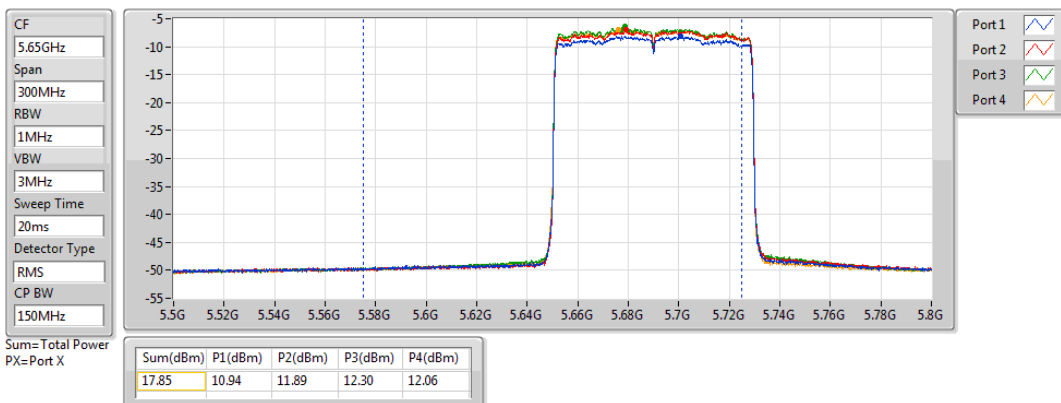


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

27/02/2019

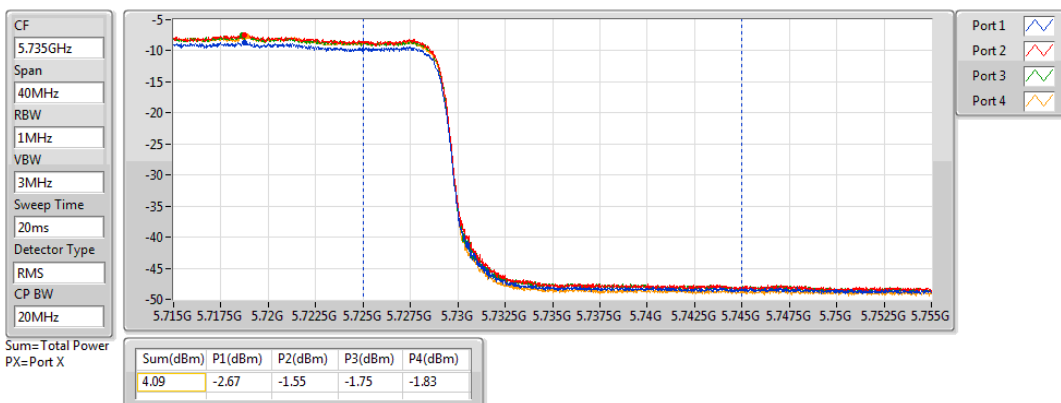


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

27/02/2019

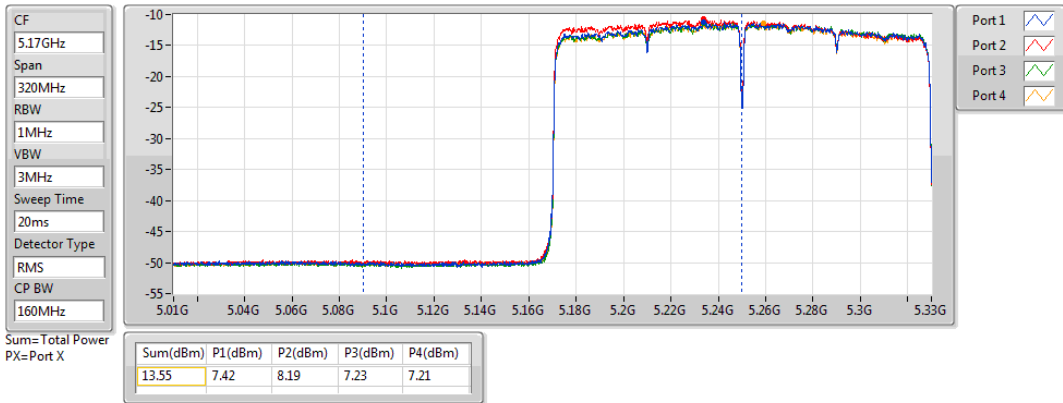


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

28/02/2019

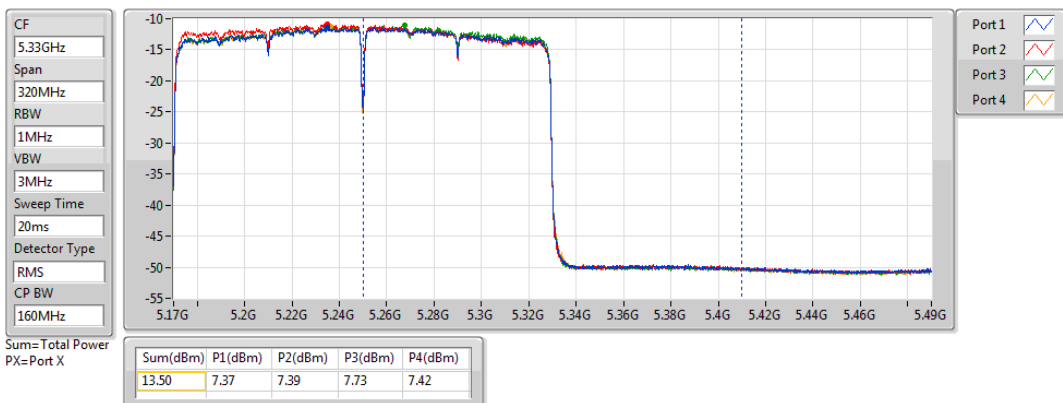


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

28/02/2019





Power Result_Radio 1

Appendix B.10

For Non-beamforming / 4T4S mode Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	13.18	0.02080
5.25-5.35GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	23.91	0.24604
802.11ax HEW40_Nss4,(MCS0)_4TX	23.27	0.21232
802.11ax HEW80_Nss4,(MCS0)_4TX	18.87	0.07709
802.11ax HEW160_Nss4,(MCS0)_4TX	13.06	0.02023
5.47-5.725GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	23.96	0.24889
802.11ax HEW40_Nss4,(MCS0)_4TX	23.93	0.24717
802.11ax HEW80_Nss4,(MCS0)_4TX	23.22	0.20989
802.11ax HEW160_Nss4,(MCS0)_4TX	17.50	0.05623
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	17.92	0.06194
802.11ax HEW40_Nss4,(MCS0)_4TX	14.02	0.02523
802.11ax HEW80_Nss4,(MCS0)_4TX	9.58	0.00908

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	17.58	17.84	18.23	17.87	23.91	23.98	18
5300MHz	Pass	6.00	17.99	17.93	17.81	17.62	23.86	23.98	18
5320MHz	Pass	6.00	15.51	15.60	15.27	15.49	21.49	23.98	16
5500MHz	Pass	6.00	14.70	14.63	14.72	15.49	20.92	23.98	14.5
5580MHz	Pass	6.00	17.55	17.91	17.67	18.54	23.96	23.98	17.5
5700MHz	Pass	6.00	13.59	13.74	13.94	14.48	19.97	23.98	12.75
5720MHz Straddle 5.47-5.725GHz	Pass	6.00	16.70	17.21	17.17	17.48	23.17	23.75	17.75
5720MHz Straddle 5.725-5.85GHz	Pass	6.00	11.55	12.04	11.83	12.15	17.92	30.00	17.75
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	6.00	17.25	17.28	17.55	16.91	23.27	23.98	17.25
5310MHz	Pass	6.00	13.04	13.25	13.28	12.85	19.13	23.98	13.5
5510MHz	Pass	6.00	11.48	11.91	12.02	12.72	18.08	23.98	11.75
5550MHz	Pass	6.00	16.32	17.24	16.84	17.79	23.10	23.98	16.75
5670MHz	Pass	6.00	12.31	12.70	12.83	13.25	18.81	23.98	11.75
5710MHz Straddle 5.47-5.725GHz	Pass	6.00	16.97	18.34	17.93	18.26	23.93	23.98	17.5
5710MHz Straddle 5.725-5.85GHz	Pass	6.00	7.09	8.45	7.99	8.33	14.02	30.00	17.5
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	6.00	12.90	12.73	13.31	12.40	18.87	23.98	13
5530MHz	Pass	6.00	12.76	12.87	12.67	13.94	19.11	23.98	12.75
5610MHz	Pass	6.00	15.38	16.47	15.80	16.41	22.06	23.98	15.25
5690MHz Straddle 5.47-5.725GHz	Pass	6.00	16.94	17.29	17.10	17.45	23.22	23.98	16.75
5690MHz Straddle 5.725-5.85GHz	Pass	6.00	3.40	3.67	3.44	3.73	9.58	30.00	16.75
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.00	7.21	7.35	6.95	7.11	13.18	30.00	10.5
5250MHz Straddle 5.25-5.35GHz	Pass	6.00	7.19	6.78	7.10	7.09	13.06	23.98	10.5
5570MHz	Pass	6.00	11.65	11.15	11.38	11.72	17.50	23.98	10.5

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

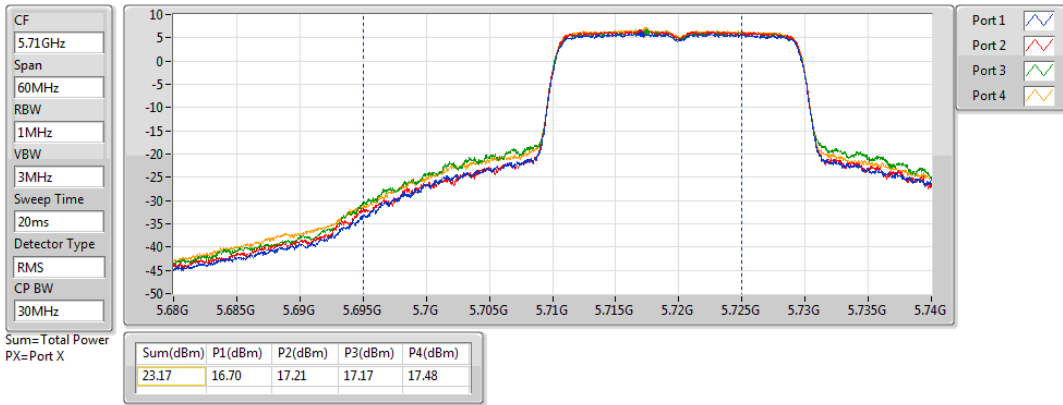
Note : Conducted setting = Pass conducted setting division 4

802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

27/02/2019

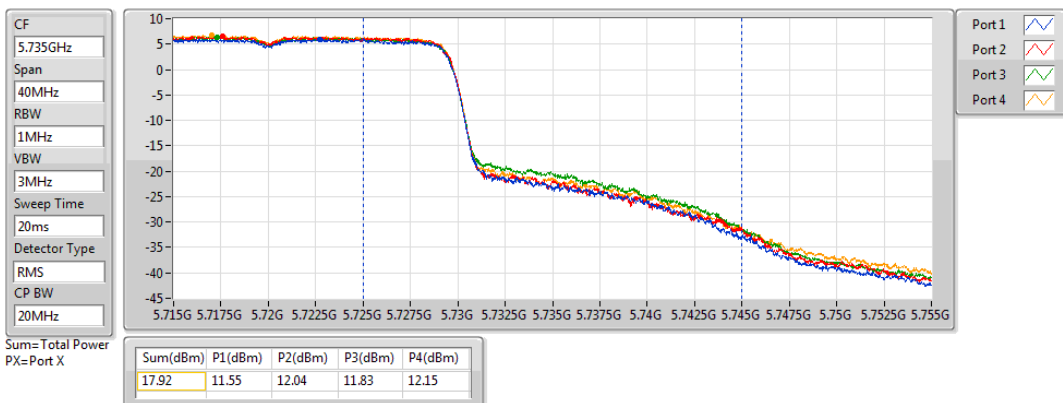


802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

27/02/2019

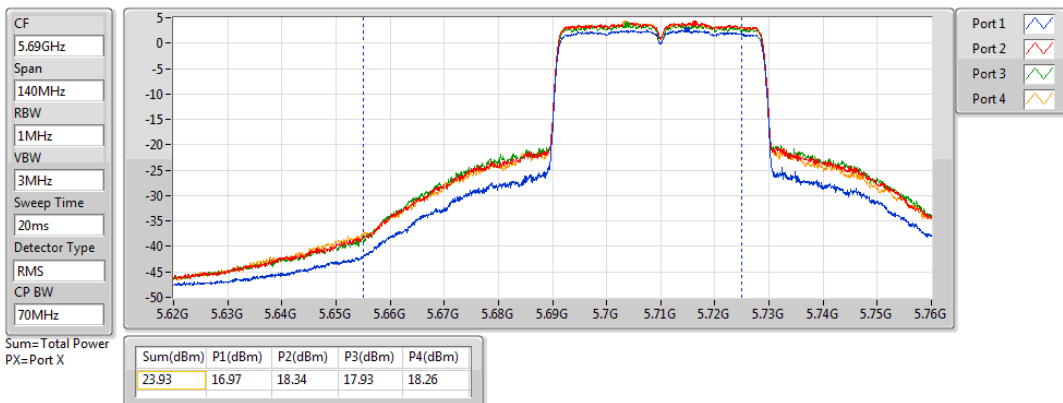


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

27/02/2019

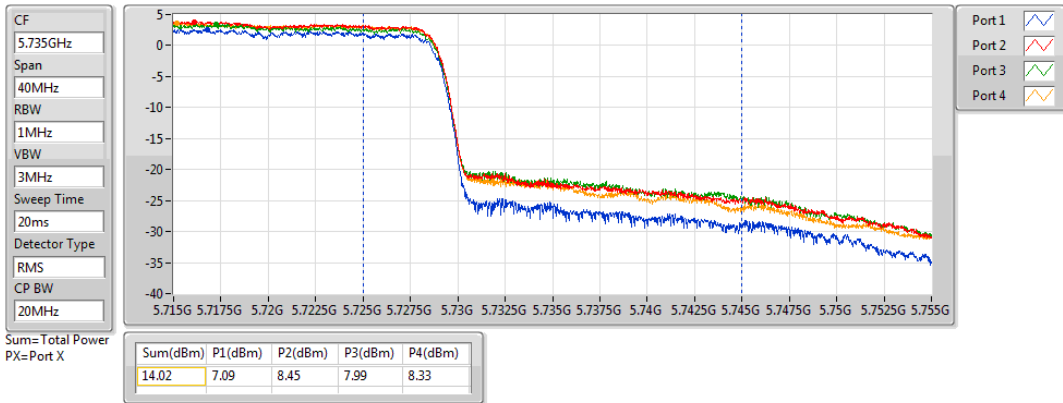


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

27/02/2019

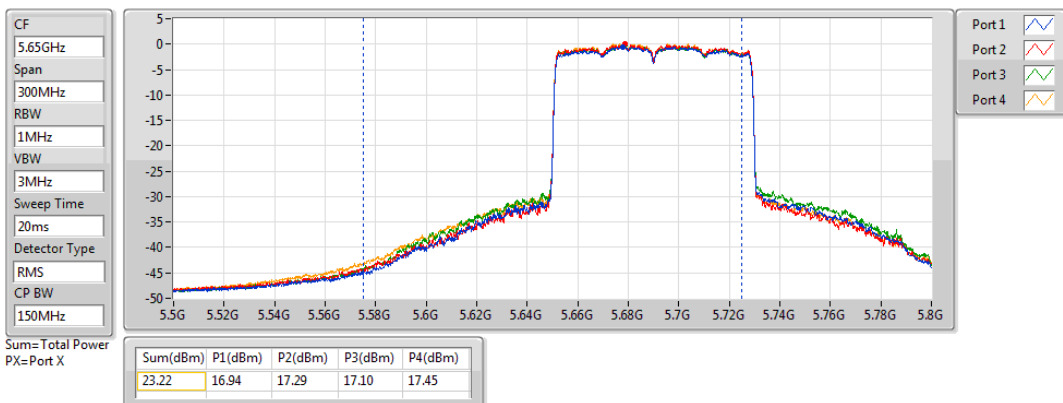


802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

27/02/2019

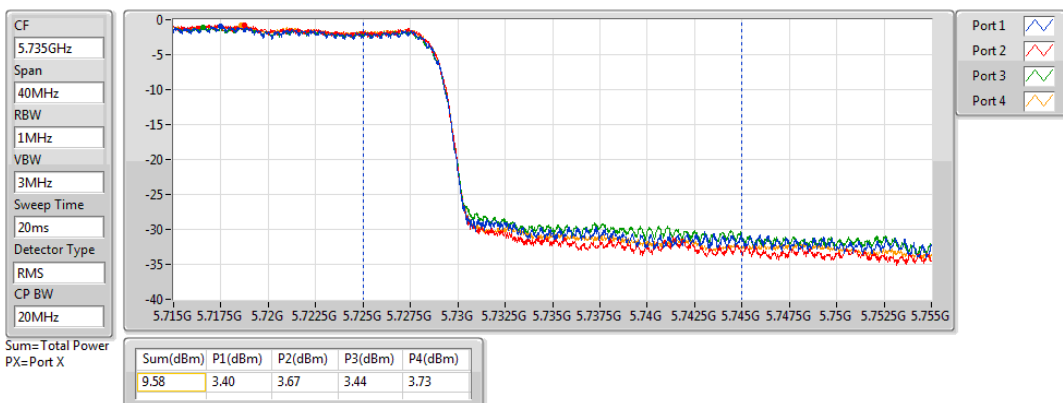


802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

27/02/2019

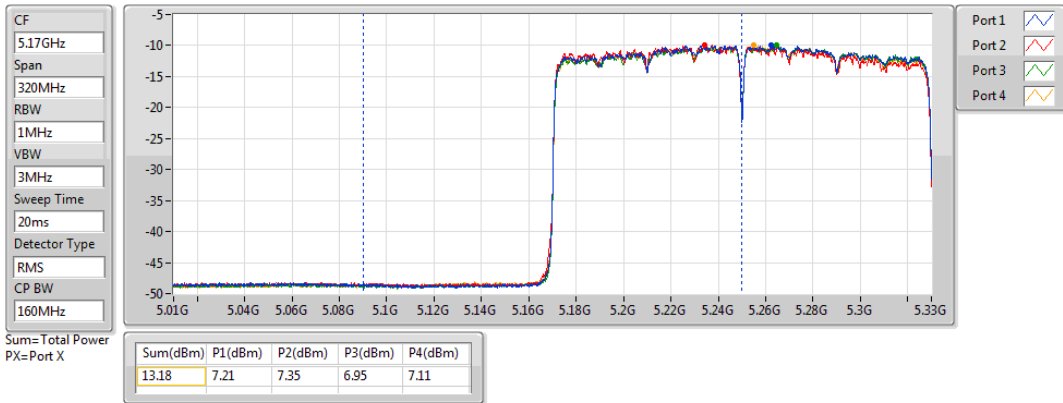


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

27/02/2019

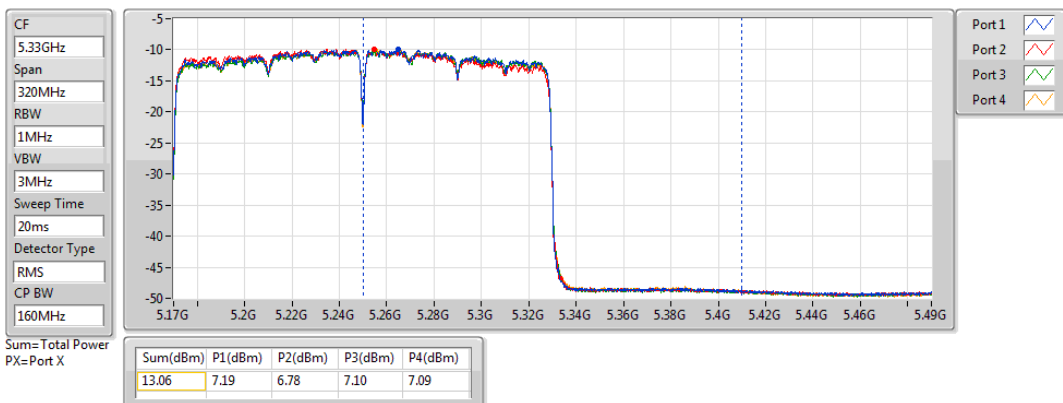


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

27/02/2019



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	10.85	0.01216
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.18	0.13122
802.11ax HEW20_Nss1,(MCS0)_1TX	21.20	0.13183
802.11ax HEW40_Nss1,(MCS0)_1TX	20.55	0.11350
802.11ax HEW80_Nss1,(MCS0)_1TX	16.37	0.04335
802.11ax HEW160_Nss1,(MCS0)_1TX	11.11	0.01291
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.06	0.12764
802.11ax HEW20_Nss1,(MCS0)_1TX	20.79	0.11995
802.11ax HEW40_Nss1,(MCS0)_1TX	20.25	0.10593
802.11ax HEW80_Nss1,(MCS0)_1TX	20.12	0.10280
802.11ax HEW160_Nss1,(MCS0)_1TX	12.98	0.01986
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	11.94	0.01563
802.11ax HEW20_Nss1,(MCS0)_1TX	13.17	0.02075
802.11ax HEW40_Nss1,(MCS0)_1TX	9.66	0.00925
802.11ax HEW80_Nss1,(MCS0)_1TX	6.95	0.00495

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	21.18	21.18	21.28	21.75
5300MHz	Pass	8.70	21.17	21.17	21.28	22
5320MHz	Pass	8.70	18.34	18.34	21.28	19
5500MHz	Pass	8.70	15.17	15.17	21.28	15
5580MHz	Pass	8.70	21.06	21.06	21.28	22
5700MHz	Pass	8.70	15.00	15.00	21.28	14.25
5720MHz Straddle 5.47-5.725GHz	Pass	8.70	18.21	18.21	21.28	19.25
5720MHz Straddle 5.725-5.85GHz	Pass	8.70	11.94	11.94	27.30	19.25
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5260MHz	Pass	8.70	21.20	21.20	21.28	21.75
5300MHz	Pass	8.70	21.10	21.10	21.28	21.75
5320MHz	Pass	8.70	17.72	17.72	21.28	18
5500MHz	Pass	8.70	16.11	16.11	21.28	16
5580MHz	Pass	8.70	20.79	20.79	21.28	21.5
5700MHz	Pass	8.70	12.26	12.26	21.28	11.25
5720MHz Straddle 5.47-5.725GHz	Pass	8.70	18.25	18.25	21.28	19.75
5720MHz Straddle 5.725-5.85GHz	Pass	8.70	13.17	13.17	27.30	19.75
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5270MHz	Pass	8.70	20.55	20.55	21.28	20.75
5310MHz	Pass	8.70	16.43	16.43	21.28	16.5
5510MHz	Pass	8.70	14.82	14.82	21.28	15
5550MHz	Pass	8.70	20.25	20.25	21.28	20.75
5670MHz	Pass	8.70	17.09	17.09	21.28	16.5
5710MHz Straddle 5.47-5.725GHz	Pass	8.70	19.24	19.24	21.28	20
5710MHz Straddle 5.725-5.85GHz	Pass	8.70	9.66	9.66	27.30	20
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5290MHz	Pass	8.70	16.37	16.37	21.28	16.25
5530MHz	Pass	8.70	15.64	15.64	21.28	15.25
5610MHz	Pass	8.70	18.43	18.43	21.28	18
5690MHz Straddle 5.47-5.725GHz	Pass	8.70	20.12	20.12	21.28	20.75
5690MHz Straddle 5.725-5.85GHz	Pass	8.70	6.95	6.95	27.30	20.75
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70	10.85	10.85	27.30	14.25
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	11.11	11.11	21.28	14.25
5570MHz	Pass	8.70	12.98	12.98	21.28	11.75

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

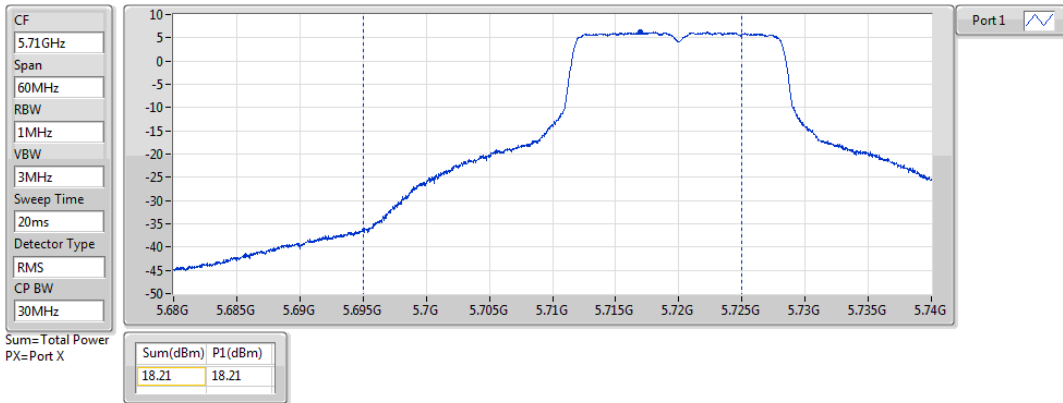
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

28/02/2019

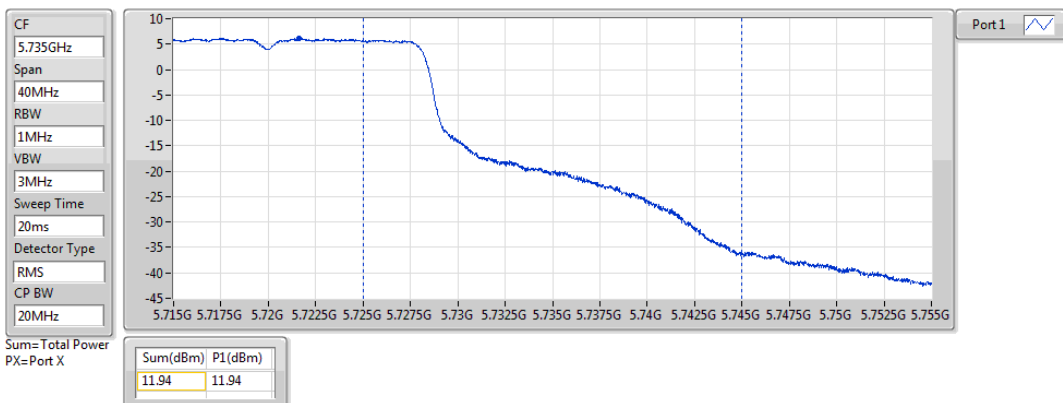


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

28/02/2019

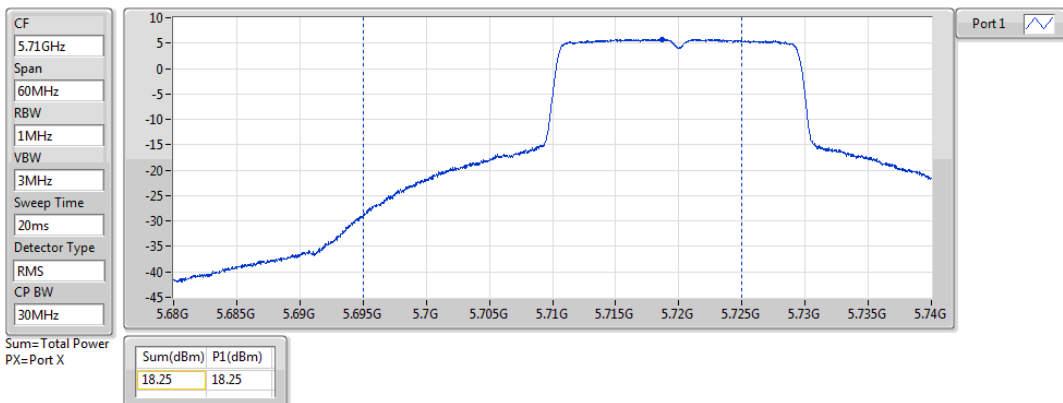


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

26/02/2019

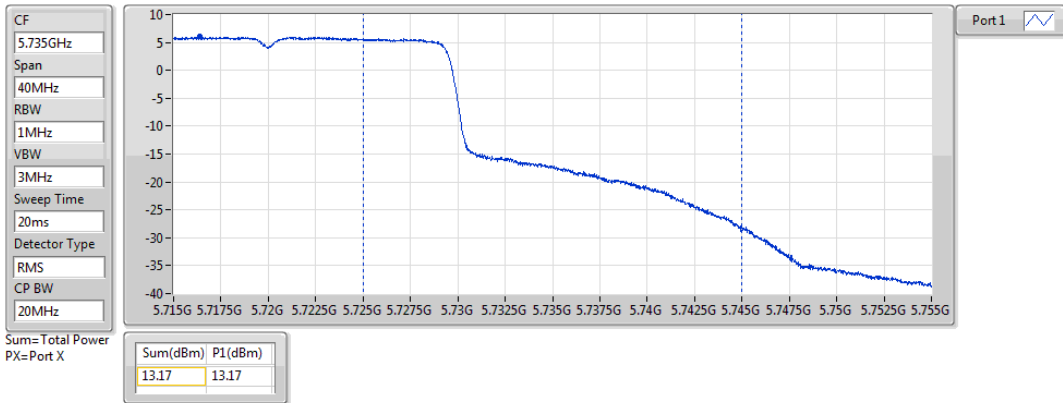


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

26/02/2019

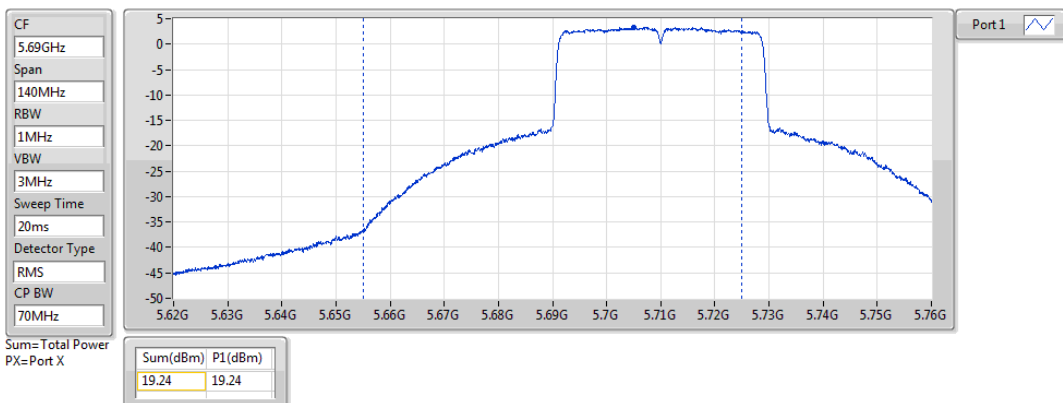


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

26/02/2019

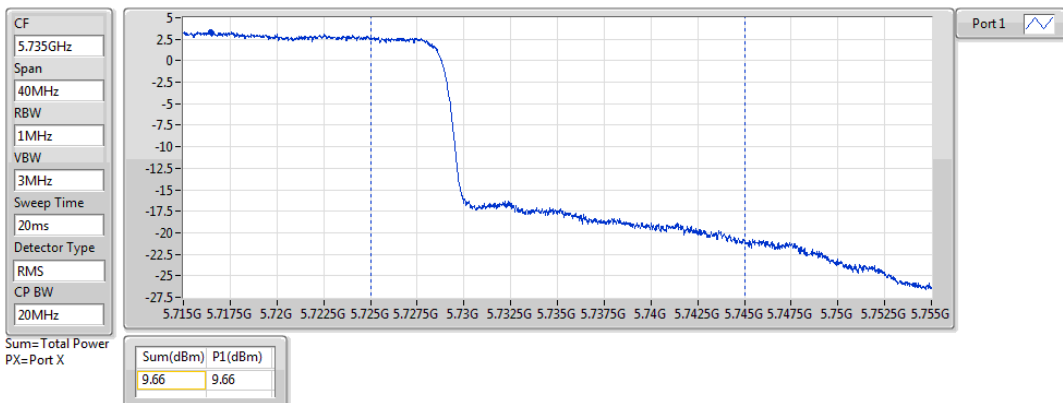


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

26/02/2019

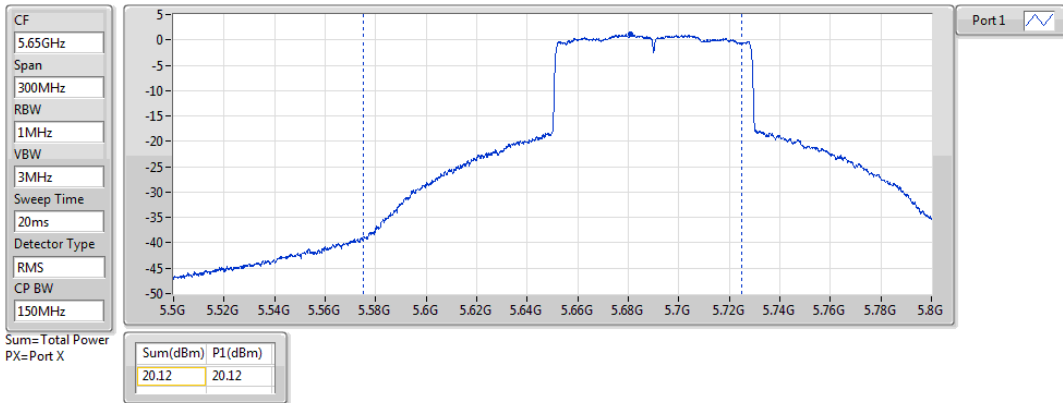


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

28/02/2019

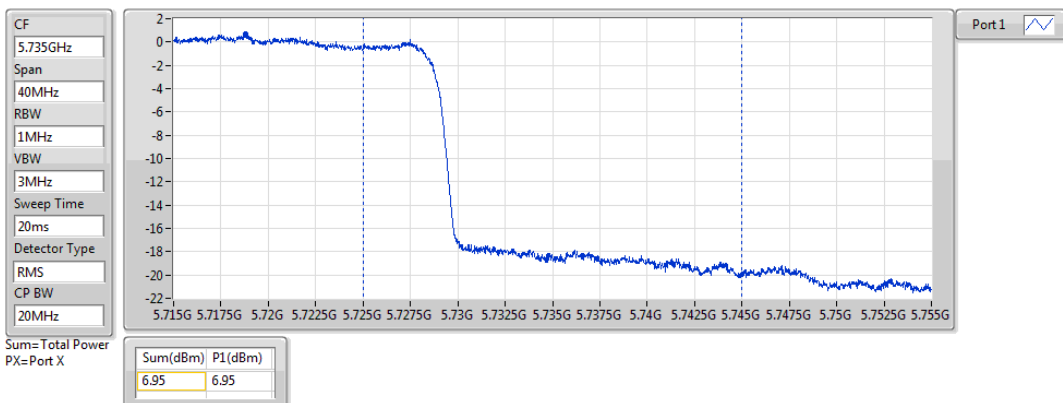


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

28/02/2019

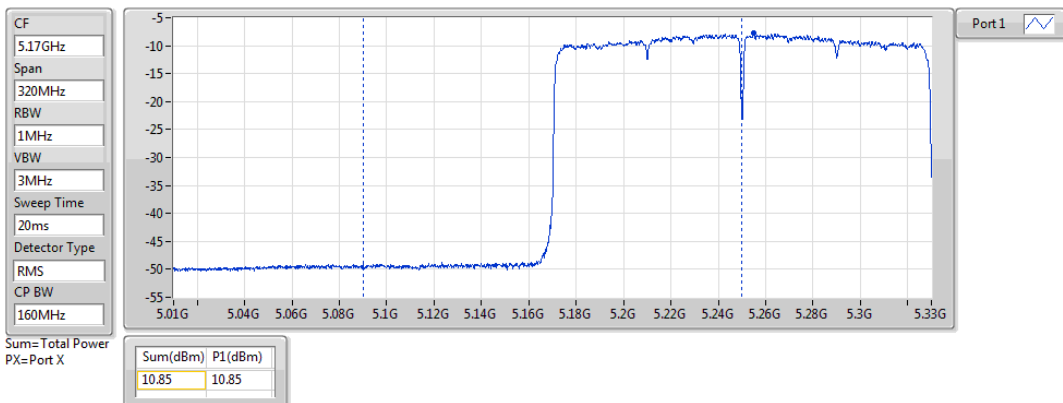


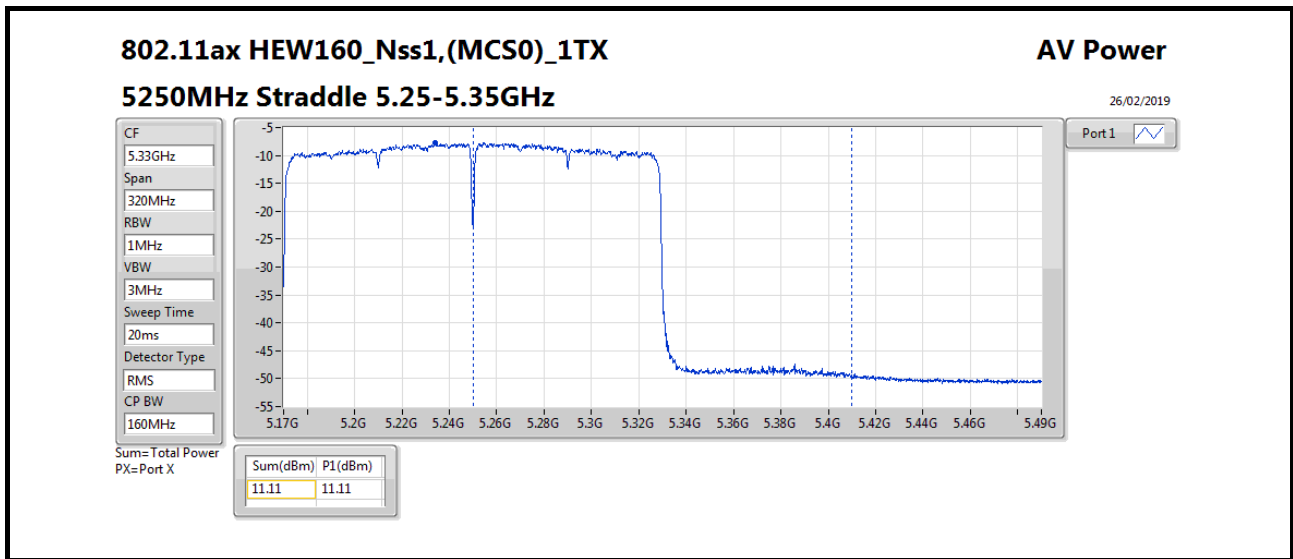
802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

26/02/2019







Power Result_Radio 1

Appendix B.12

For Non-beamforming / 2T2S mode Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss2,(MCS0)_2TX	13.09	0.02037
5.25-5.35GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	21.22	0.13243
802.11ax HEW40_Nss2,(MCS0)_2TX	21.11	0.12912
802.11ax HEW80_Nss2,(MCS0)_2TX	17.68	0.05861
802.11ax HEW160_Nss2,(MCS0)_2TX	12.91	0.01954
5.47-5.725GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	21.17	0.13092
802.11ax HEW40_Nss2,(MCS0)_2TX	21.26	0.13366
802.11ax HEW80_Nss2,(MCS0)_2TX	21.24	0.13305
802.11ax HEW160_Nss2,(MCS0)_2TX	16.82	0.04808
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	15.16	0.03281
802.11ax HEW40_Nss2,(MCS0)_2TX	11.72	0.01486
802.11ax HEW80_Nss2,(MCS0)_2TX	7.85	0.00610

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	18.08	18.33	21.22	21.28	18.25
5300MHz	Pass	8.70	18.03	18.17	21.11	21.28	18.25
5320MHz	Pass	8.70	16.35	16.26	19.32	21.28	16.5
5500MHz	Pass	8.70	15.58	15.79	18.70	21.28	15.5
5580MHz	Pass	8.70	18.09	18.22	21.17	21.28	18
5700MHz	Pass	8.70	13.76	14.46	17.13	21.28	13.25
5720MHz Straddle 5.47-5.725GHz	Pass	8.70	16.93	17.51	20.24	20.26	17
5720MHz Straddle 5.725-5.85GHz	Pass	8.70	11.85	12.43	15.16	27.30	17
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5270MHz	Pass	8.70	17.95	18.25	21.11	21.28	18.25
5310MHz	Pass	8.70	15.61	15.62	18.63	21.28	15.75
5510MHz	Pass	8.70	14.59	15.18	17.91	21.28	15
5550MHz	Pass	8.70	18.08	18.42	21.26	21.28	18.25
5670MHz	Pass	8.70	15.15	16.12	18.67	21.28	14.75
5710MHz Straddle 5.47-5.725GHz	Pass	8.70	17.74	18.59	21.20	21.28	18.25
5710MHz Straddle 5.725-5.85GHz	Pass	8.70	8.33	9.05	11.72	27.30	18.25
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5290MHz	Pass	8.70	14.32	14.99	17.68	21.28	14.75
5530MHz	Pass	8.70	14.18	13.90	17.05	21.28	14
5610MHz	Pass	8.70	16.98	17.71	20.37	21.28	16.75
5690MHz Straddle 5.47-5.725GHz	Pass	8.70	18.09	18.36	21.24	21.28	17.75
5690MHz Straddle 5.725-5.85GHz	Pass	8.70	4.65	5.02	7.85	27.30	17.75
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70	9.99	10.16	13.09	27.30	13.25
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	10.22	9.56	12.91	21.28	13.25
5570MHz	Pass	8.70	13.80	13.81	16.82	21.28	13

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

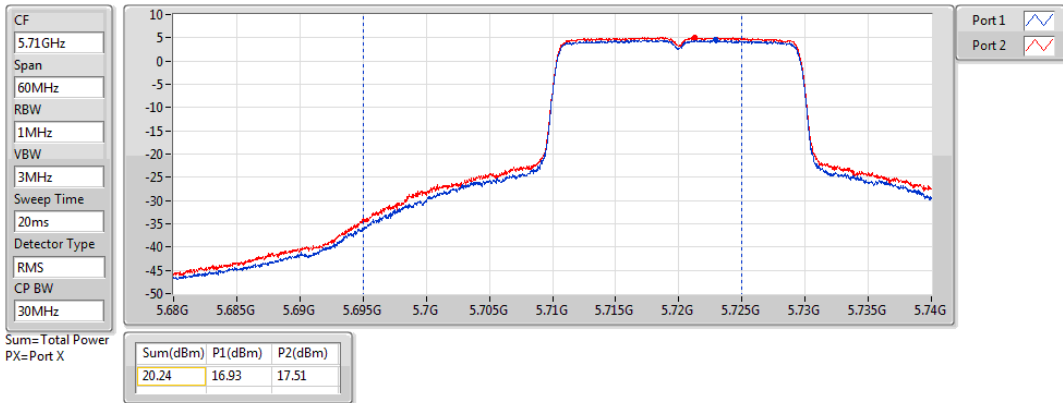
Note : Conducted setting = Pass conducted setting division 4

802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/03/2019

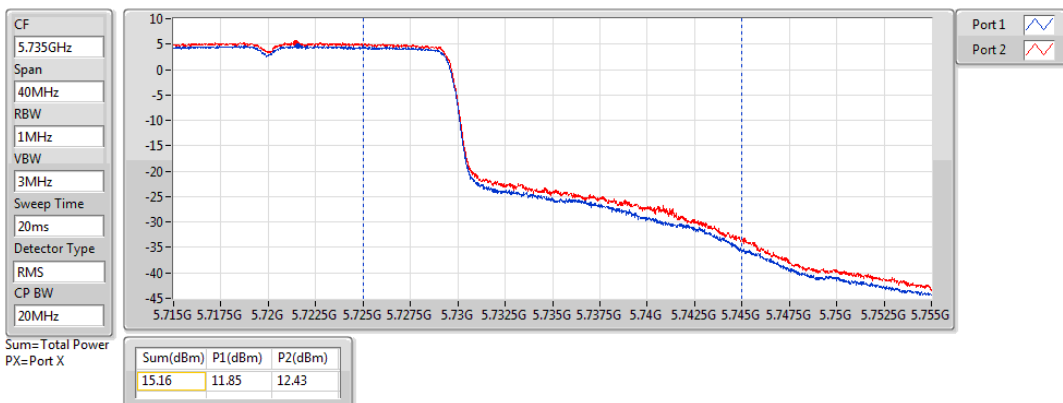


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/03/2019

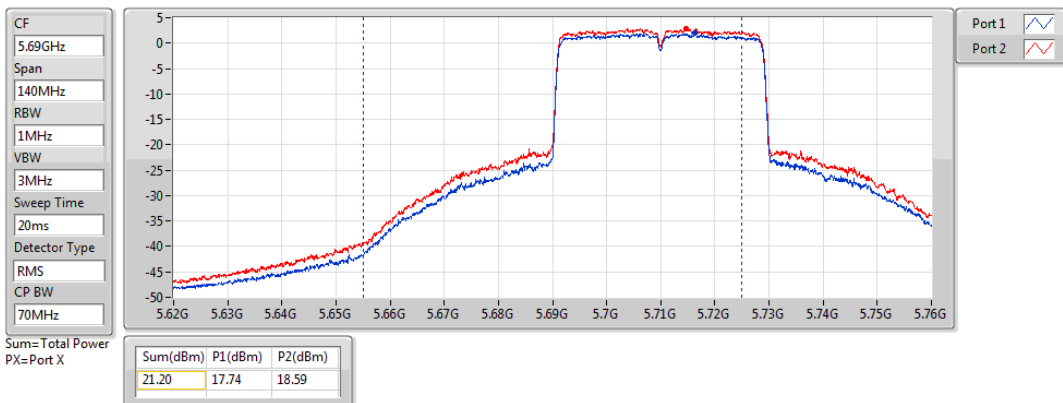


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

28/02/2019

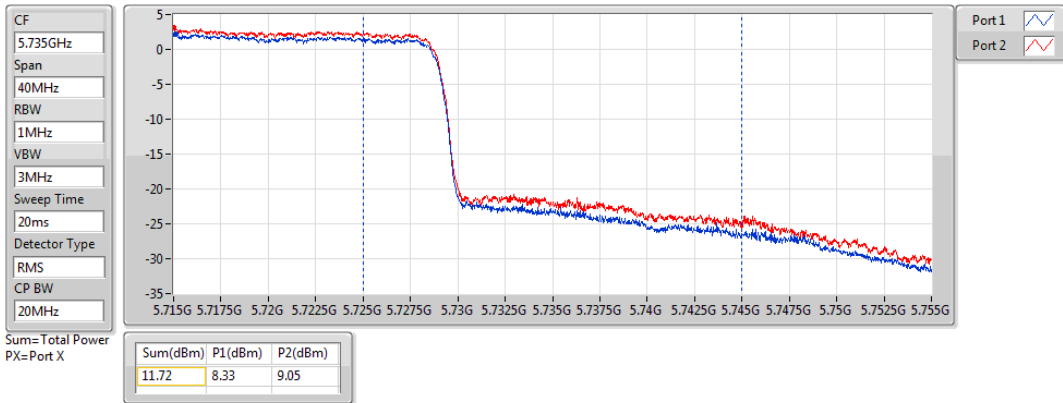


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

28/02/2019

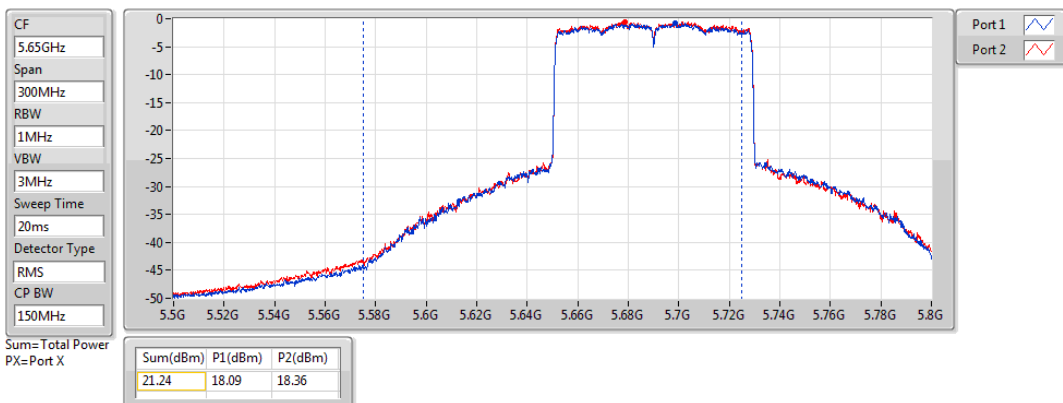


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

26/02/2019

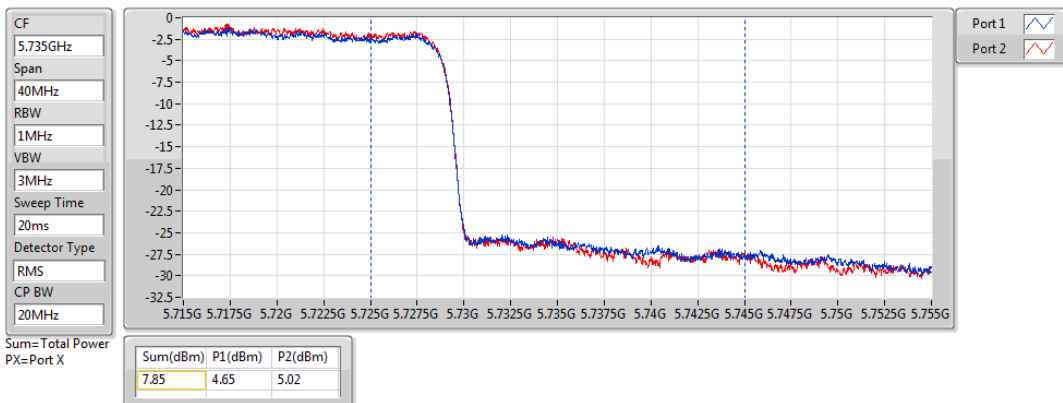


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

26/02/2019

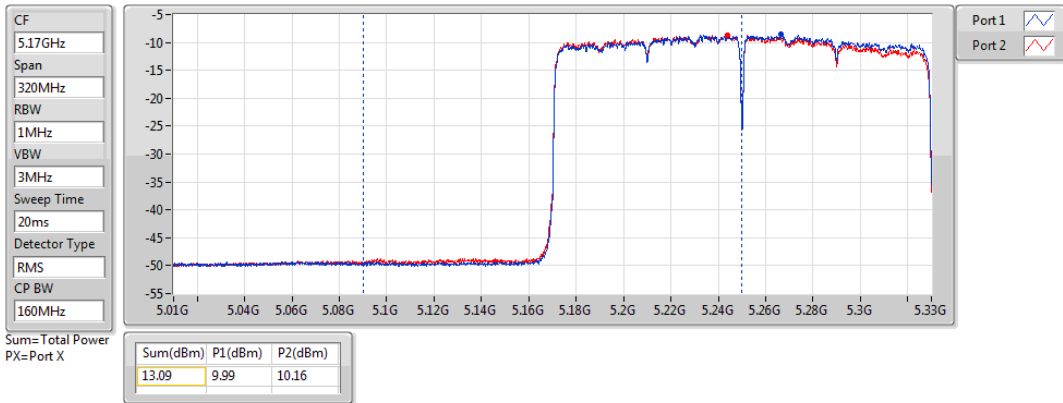


802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz

28/02/2019

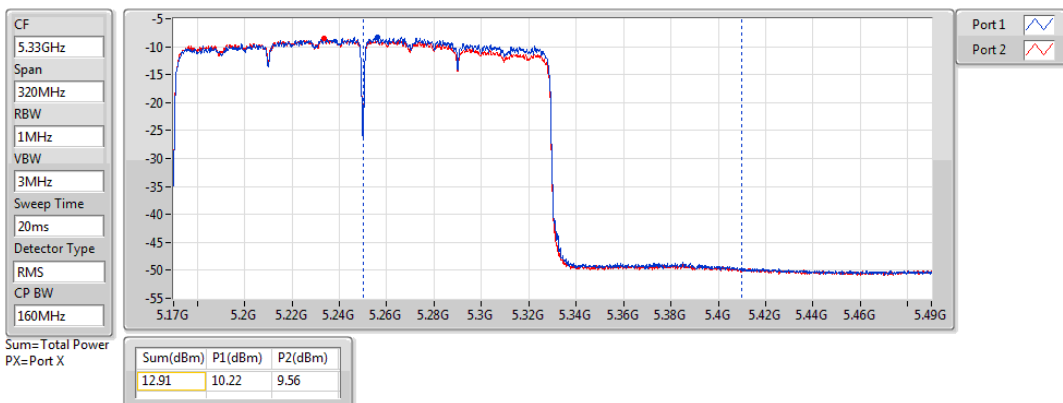


802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz

28/02/2019



**For Non-beamforming / 4T1S mode
Summary**

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_4TX	13.50	0.02239
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.13	0.03258
802.11ax HEW20_Nss1,(MCS0)_4TX	15.73	0.03741
802.11ax HEW40_Nss1,(MCS0)_4TX	18.66	0.07345
802.11ax HEW80_Nss1,(MCS0)_4TX	19.03	0.07998
802.11ax HEW160_Nss1,(MCS0)_4TX	13.51	0.02244
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.34	0.03420
802.11ax HEW20_Nss1,(MCS0)_4TX	15.81	0.03811
802.11ax HEW40_Nss1,(MCS0)_4TX	19.01	0.07962
802.11ax HEW80_Nss1,(MCS0)_4TX	21.23	0.13274
802.11ax HEW160_Nss1,(MCS0)_4TX	18.96	0.07870
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.20	0.00661
802.11ax HEW20_Nss1,(MCS0)_4TX	9.54	0.00899
802.11ax HEW40_Nss1,(MCS0)_4TX	8.46	0.00701
802.11ax HEW80_Nss1,(MCS0)_4TX	7.57	0.00571

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	9.05	8.97	8.89	9.10	15.02	21.28	9.25
5300MHz	Pass	8.70	9.22	8.87	9.03	9.21	15.11	21.28	9.5
5320MHz	Pass	8.70	9.38	8.92	8.95	9.18	15.13	21.28	9.75
5500MHz	Pass	8.70	9.07	8.90	8.95	10.15	15.32	21.28	9
5580MHz	Pass	8.70	9.01	8.79	9.03	10.08	15.28	21.28	8.75
5700MHz	Pass	8.70	9.11	9.03	9.21	9.89	15.34	21.28	8.5
5720MHz Straddle 5.47-5.725GHz	Pass	8.70	7.96	8.53	8.13	8.78	14.38	20.24	8.5
5720MHz Straddle 5.725-5.85GHz	Pass	8.70	1.90	2.29	2.03	2.46	8.20	27.30	8.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.70	9.55	9.66	9.68	9.53	15.63	21.28	9.75
5300MHz	Pass	8.70	9.77	9.67	9.74	9.63	15.72	21.28	10
5320MHz	Pass	8.70	10.30	9.31	9.62	9.53	15.73	21.28	10.25
5500MHz	Pass	8.70	9.35	9.39	9.44	10.77	15.80	21.28	9.5
5580MHz	Pass	8.70	9.14	9.48	9.47	10.87	15.81	21.28	9.25
5700MHz	Pass	8.70	9.07	9.55	9.67	10.30	15.69	21.28	8.5
5720MHz Straddle 5.47-5.725GHz	Pass	8.70	8.29	8.67	8.88	9.26	14.81	20.25	8.75
5720MHz Straddle 5.725-5.85GHz	Pass	8.70	3.01	3.43	3.60	3.97	9.54	27.30	8.75
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.70	12.61	12.69	12.83	12.42	18.66	21.28	12.75
5310MHz	Pass	8.70	12.40	12.76	12.98	12.31	18.64	21.28	13
5510MHz	Pass	8.70	12.38	13.08	12.66	13.72	19.01	21.28	12.5
5550MHz	Pass	8.70	12.57	12.50	12.83	13.66	18.94	21.28	12.25
5670MHz	Pass	8.70	12.42	12.82	12.71	13.40	18.87	21.28	11.75
5710MHz Straddle 5.47-5.725GHz	Pass	8.70	11.83	12.07	12.26	12.99	18.33	21.28	11.25
5710MHz Straddle 5.725-5.85GHz	Pass	8.70	1.87	2.33	2.54	2.94	8.46	27.30	11.25
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.70	12.89	12.95	13.36	12.81	19.03	21.28	13
5530MHz	Pass	8.70	13.02	12.80	12.43	13.77	19.05	21.28	12.5
5610MHz	Pass	8.70	15.16	15.05	14.93	15.62	21.22	21.28	14.25
5690MHz Straddle 5.47-5.725GHz	Pass	8.70	14.88	15.09	15.03	15.77	21.23	21.28	14
5690MHz Straddle 5.725-5.85GHz	Pass	8.70	1.33	1.61	1.46	1.80	7.57	27.30	14
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.70	7.73	7.43	7.21	7.53	13.50	27.30	10.75
5250MHz Straddle 5.25-5.35GHz	Pass	8.70	7.47	7.24	7.63	7.62	13.51	21.28	10.75
5570MHz	Pass	8.70	12.91	12.83	12.79	13.22	18.96	21.28	11.75

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

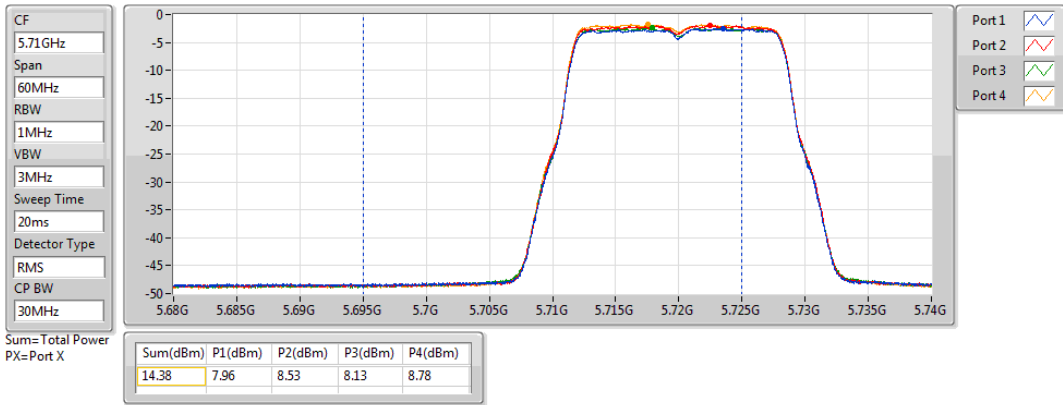
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

27/02/2019

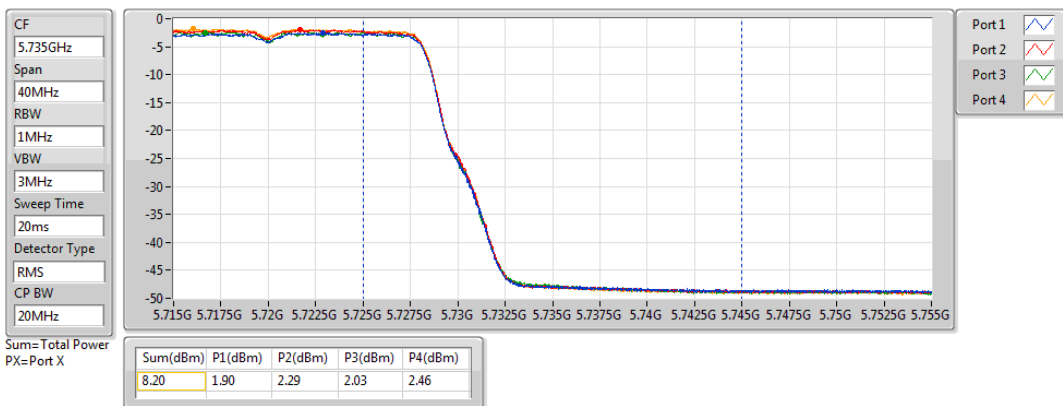


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

27/02/2019

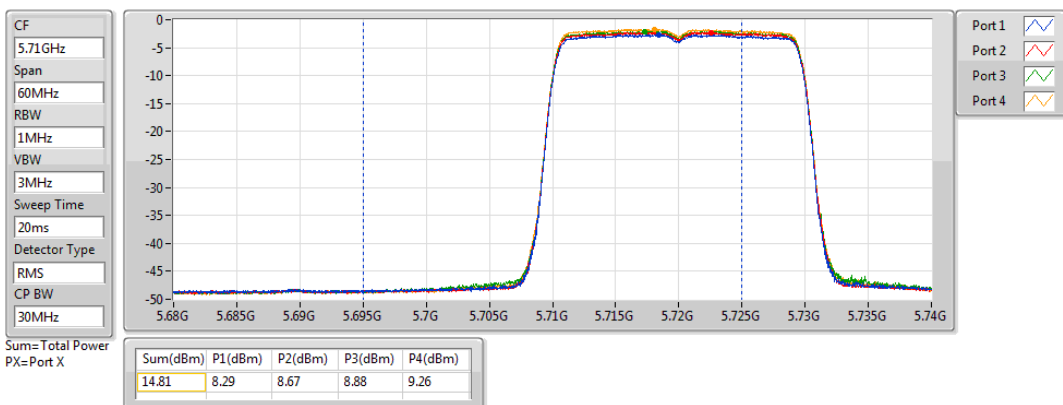


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

27/02/2019

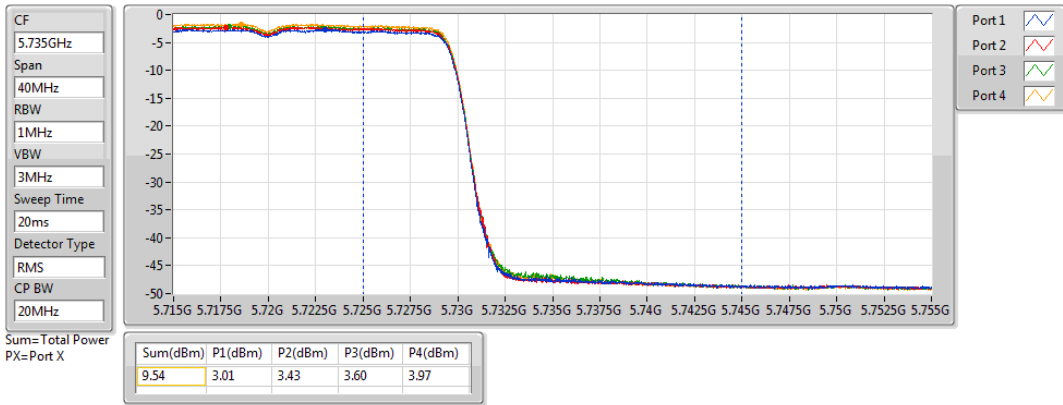


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

27/02/2019

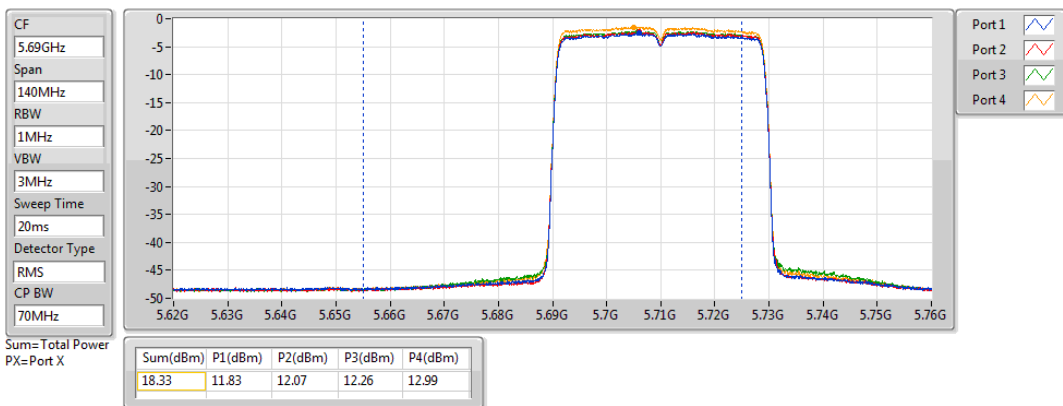


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

27/02/2019

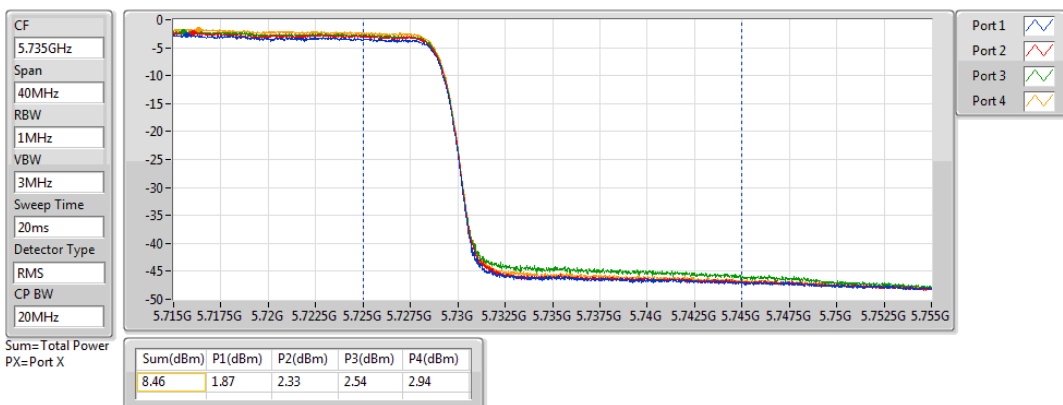


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

27/02/2019

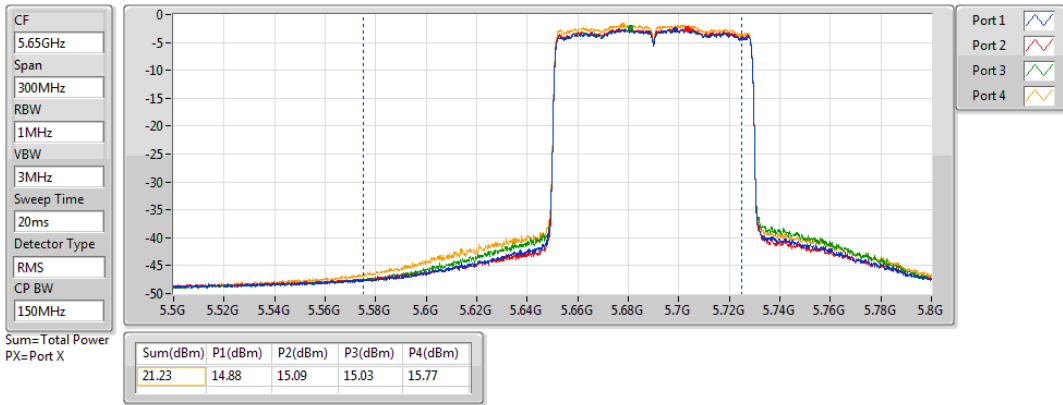


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

27/02/2019

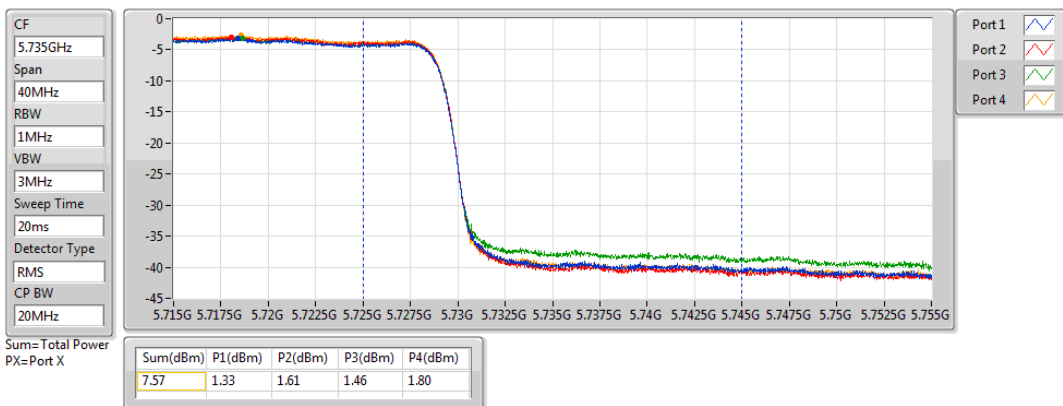


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

27/02/2019

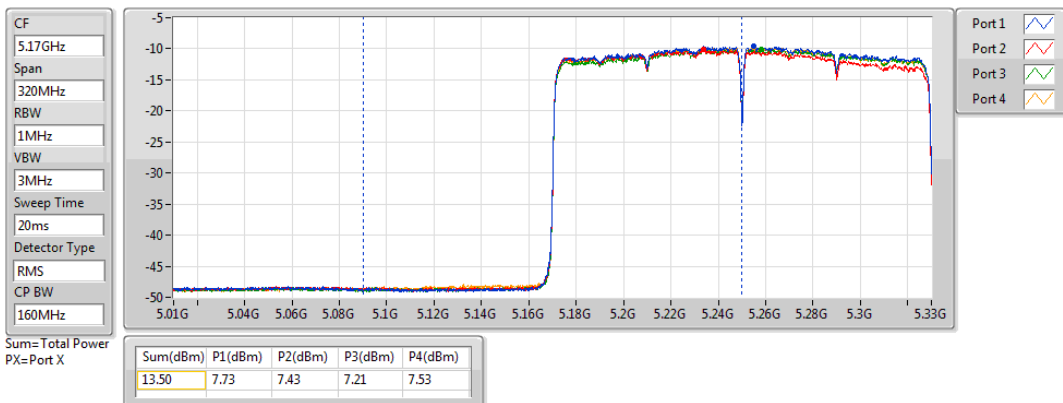


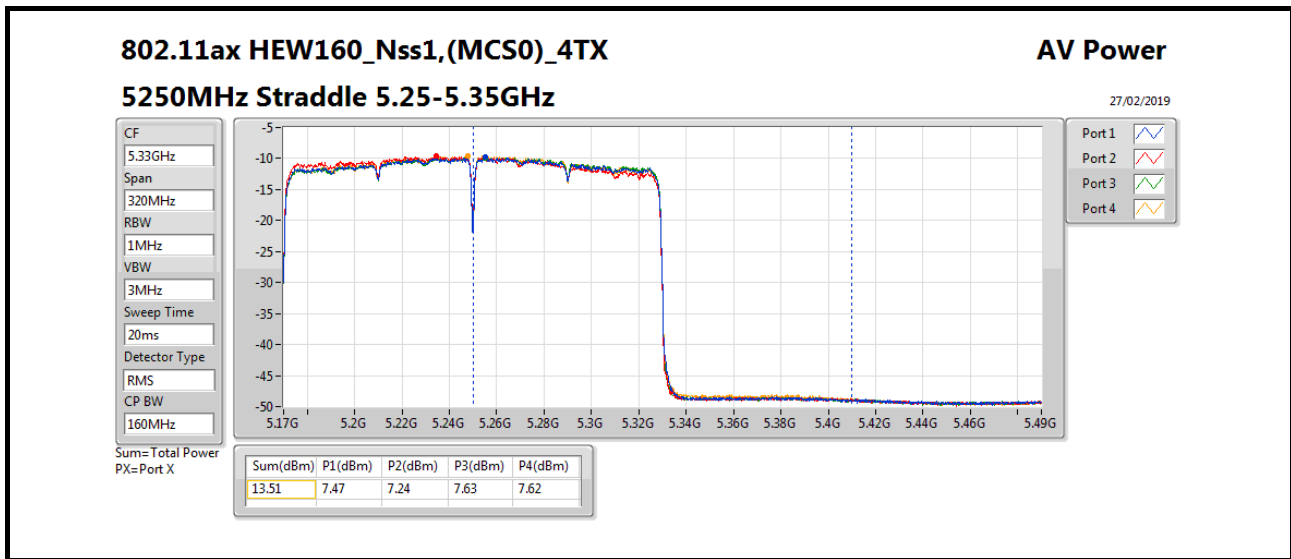
802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

27/02/2019







Power Result_Radio 1

Appendix B.14

For Beamforming / 4T1S mode Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	15.33	0.03412
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.24	0.03342
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	15.24	0.03342
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	15.20	0.03311
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	15.18	0.03296
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.22	0.03327
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	15.25	0.03350
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	15.24	0.03342
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	15.24	0.03342
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.85	0.00767
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.05	0.00320
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	1.50	0.00141

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	8.80	9.04	9.47	9.08	15.12	15.26	8.25
5300MHz	Pass	14.72	8.90	9.14	9.37	9.31	15.20	15.26	8.5
5320MHz	Pass	14.72	8.83	9.07	9.41	9.53	15.24	15.26	8.75
5500MHz	Pass	14.72	7.91	9.29	9.42	9.83	15.19	15.26	7.25
5580MHz	Pass	14.72	7.88	9.46	9.31	9.69	15.16	15.26	7
5700MHz	Pass	14.72	8.56	9.15	9.66	9.34	15.22	15.26	6.5
5720MHz Straddle 5.47-5.725GHz	Pass	14.72	7.39	8.11	8.65	7.84	14.04	14.22	6
5720MHz Straddle 5.725-5.85GHz	Pass	14.72	2.16	3.04	3.29	2.75	8.85	21.28	6
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5270MHz	Pass	14.72	9.11	9.24	9.54	8.96	15.24	15.26	8.25
5310MHz	Pass	14.72	9.23	8.97	9.33	8.94	15.14	15.26	8.5
5510MHz	Pass	14.72	8.20	9.28	9.57	9.71	15.25	15.26	7
5550MHz	Pass	14.72	8.34	8.85	9.52	9.97	15.24	15.26	7
5670MHz	Pass	14.72	8.33	8.70	9.68	9.88	15.22	15.26	6.5
5710MHz Straddle 5.47-5.725GHz	Pass	14.72	8.12	8.89	9.63	9.48	15.09	15.26	6.25
5710MHz Straddle 5.725-5.85GHz	Pass	14.72	-1.82	-1.04	-0.47	-0.66	5.05	21.28	6.25
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5290MHz	Pass	14.72	8.84	9.15	9.76	8.90	15.20	15.26	8.25
5530MHz	Pass	14.72	8.43	9.38	9.18	9.77	15.24	15.26	7
5610MHz	Pass	14.72	8.61	9.06	9.41	9.70	15.23	15.26	6.75
5690MHz Straddle 5.47-5.725GHz	Pass	14.72	8.66	8.92	9.81	9.28	15.21	15.26	6.25
5690MHz Straddle 5.725-5.85GHz	Pass	14.72	-4.99	-4.57	-4.03	-4.53	1.50	21.28	6.25
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.72	9.20	10.08	9.00	8.83	15.33	21.28	10.75
5250MHz Straddle 5.25-5.35GHz	Pass	14.72	9.27	9.22	9.23	8.89	15.18	15.26	10.75
5570MHz	Pass	14.72	8.85	9.19	9.03	9.76	15.24	15.26	6.75

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

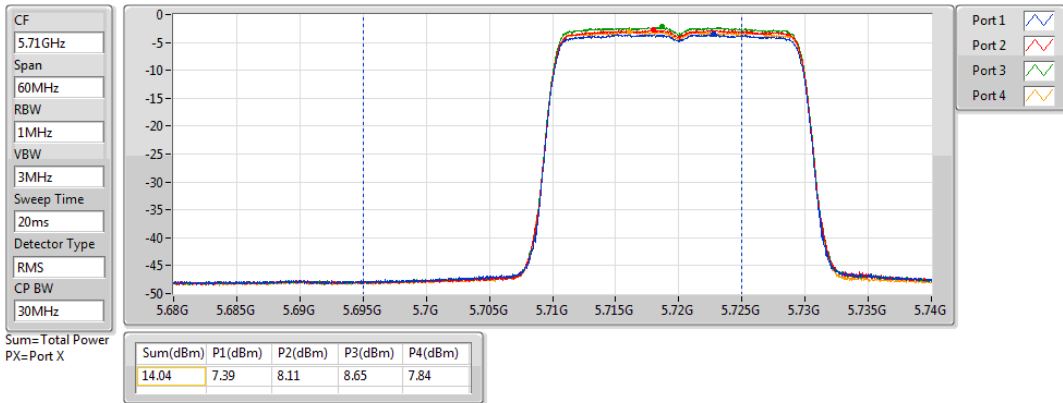
Note : Conducted setting = Pass conducted setting division 4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

05/03/2019

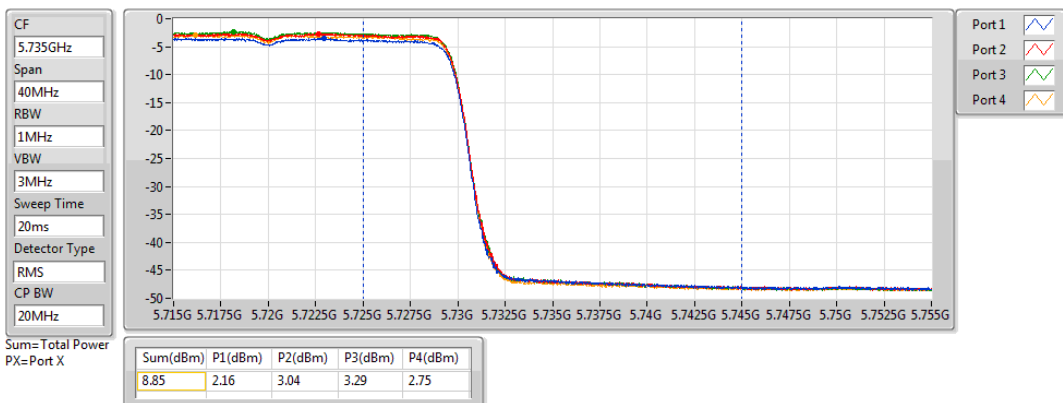


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

05/03/2019

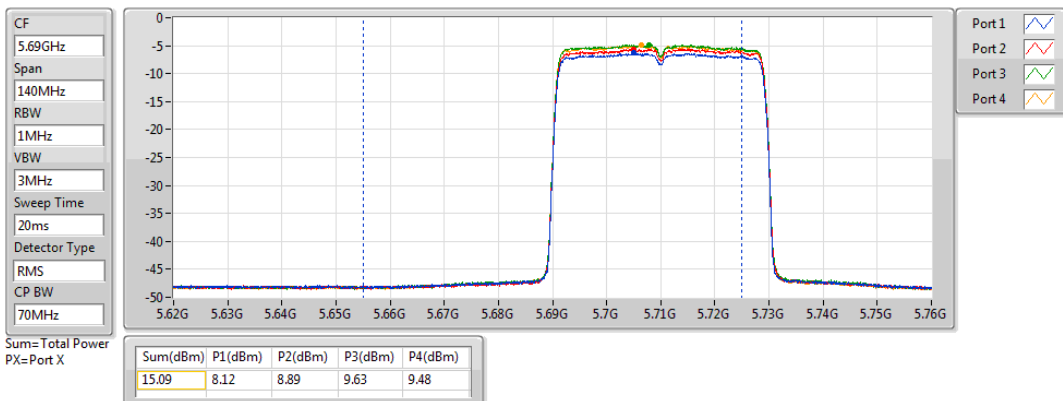


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

05/03/2019

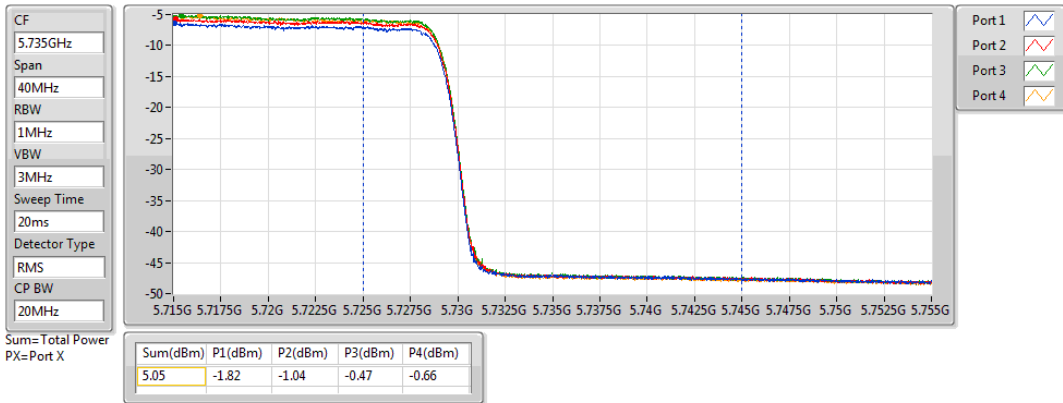


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

05/03/2019

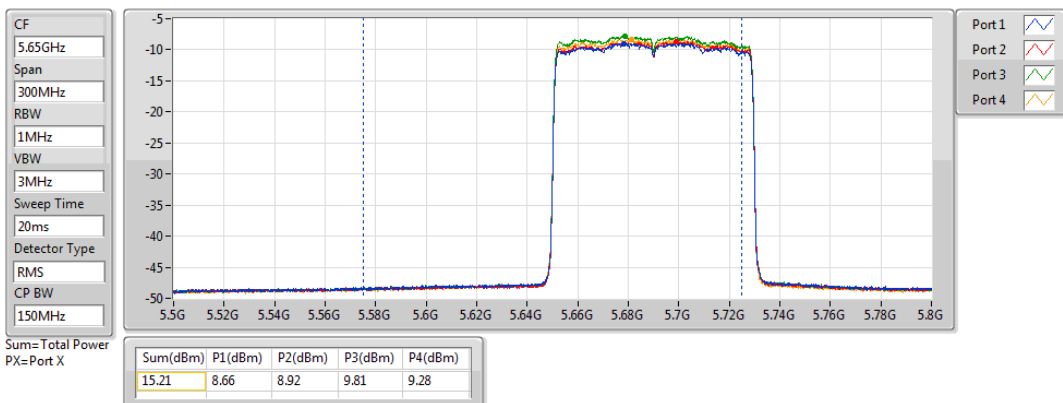


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

05/03/2019

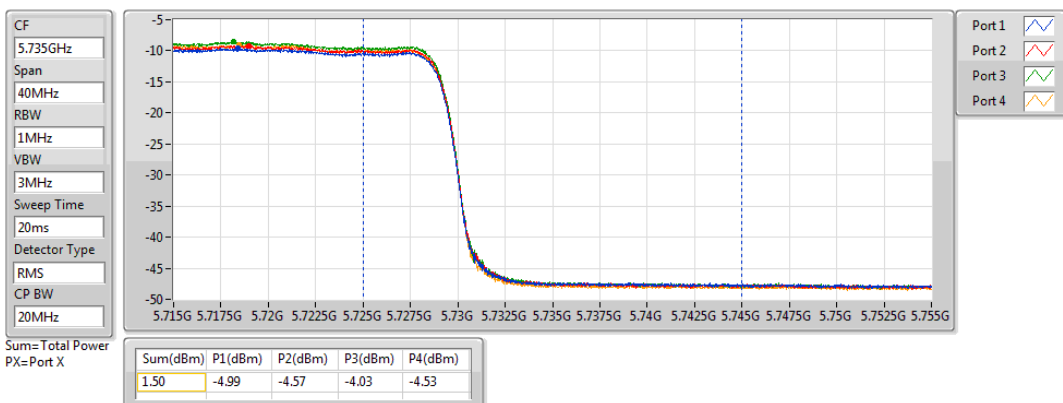


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

05/03/2019

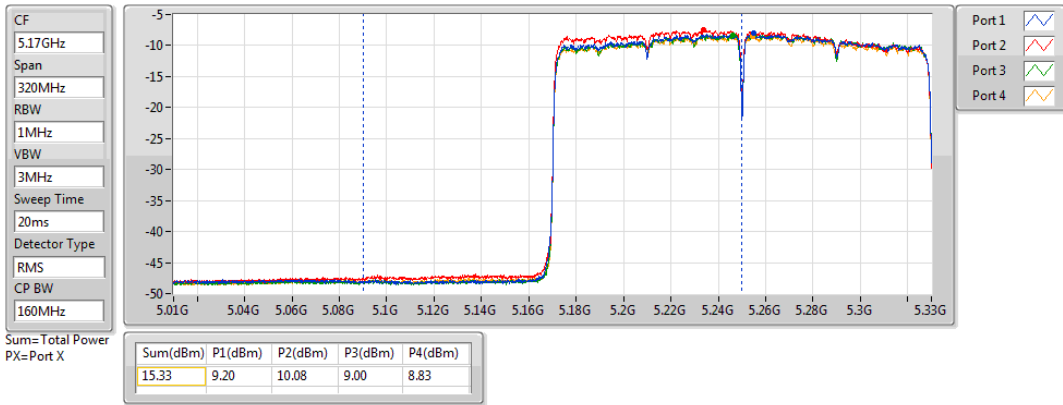


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

05/03/2019

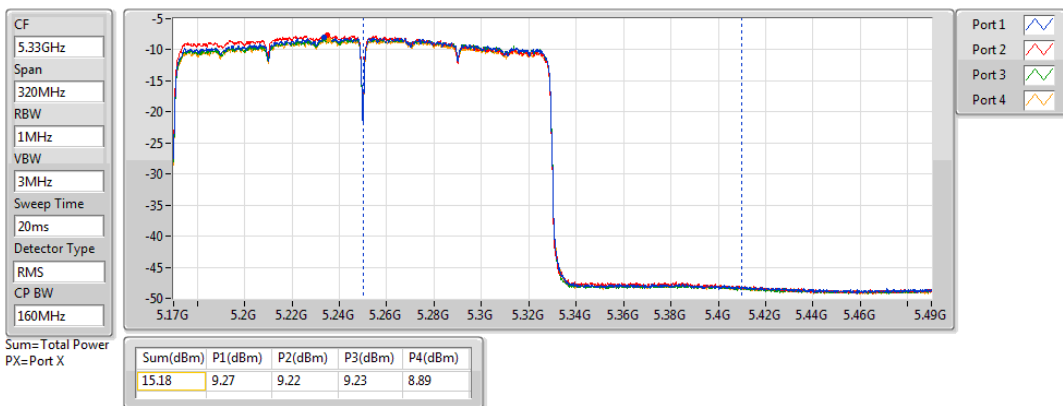


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

05/03/2019





Power Result_Radio 1

Appendix B.15

For Non-beamforming / 4T4S mode Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss4,(MCS0)_4TX	13.93	0.02472
5.25-5.35GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	21.26	0.13366
802.11ax HEW40_Nss4,(MCS0)_4TX	21.25	0.13335
802.11ax HEW80_Nss4,(MCS0)_4TX	18.70	0.07413
802.11ax HEW160_Nss4,(MCS0)_4TX	13.71	0.02350
5.47-5.725GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	21.18	0.13122
802.11ax HEW40_Nss4,(MCS0)_4TX	21.19	0.13152
802.11ax HEW80_Nss4,(MCS0)_4TX	21.26	0.13366
802.11ax HEW160_Nss4,(MCS0)_4TX	17.98	0.06281
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	14.79	0.03013
802.11ax HEW40_Nss4,(MCS0)_4TX	11.21	0.01321
802.11ax HEW80_Nss4,(MCS0)_4TX	7.65	0.00582

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

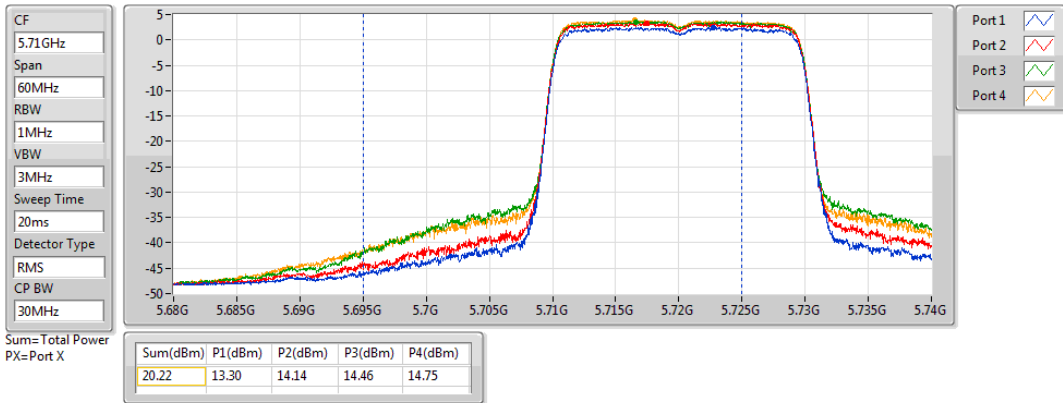
Note : Conducted setting = Pass conducted setting division 4

802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

28/02/2019

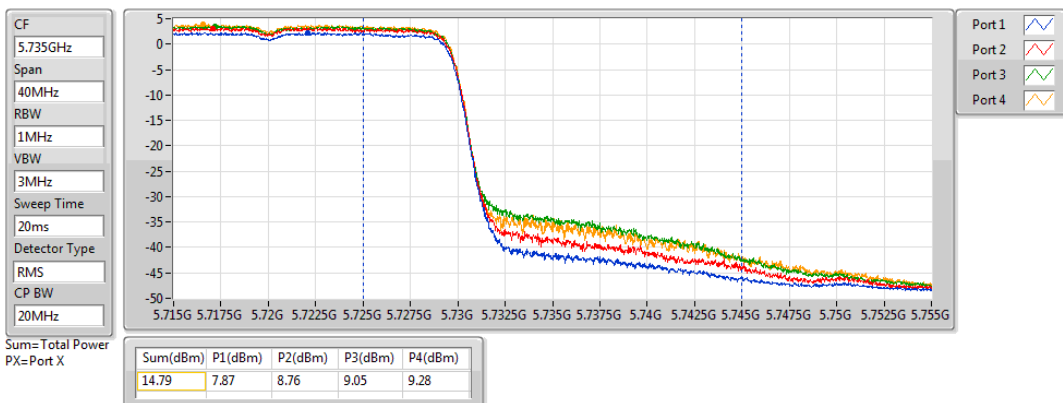


802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

28/02/2019

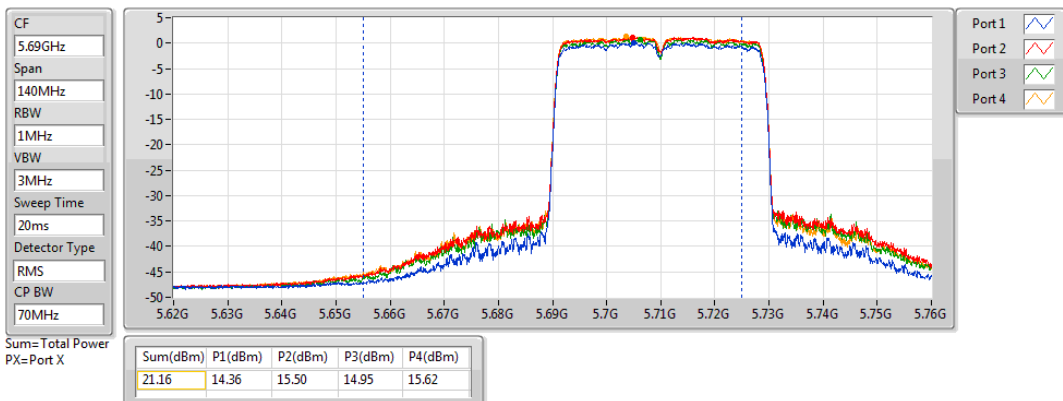


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

28/02/2019

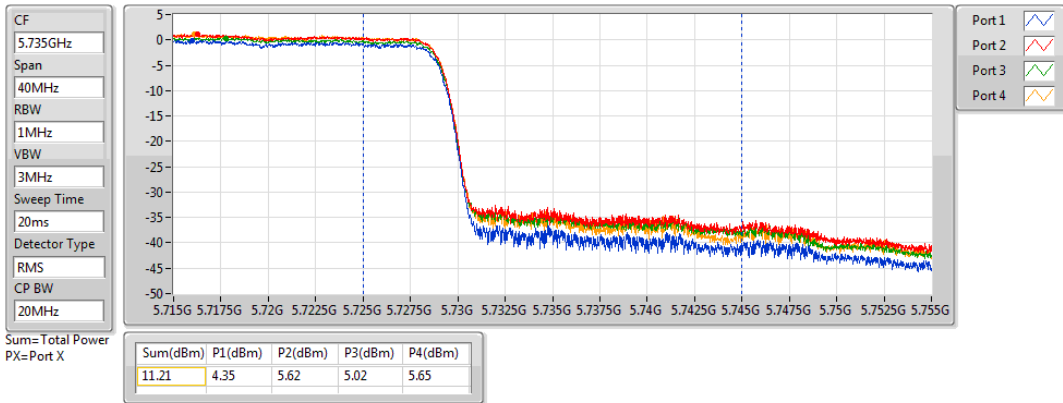


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

28/02/2019

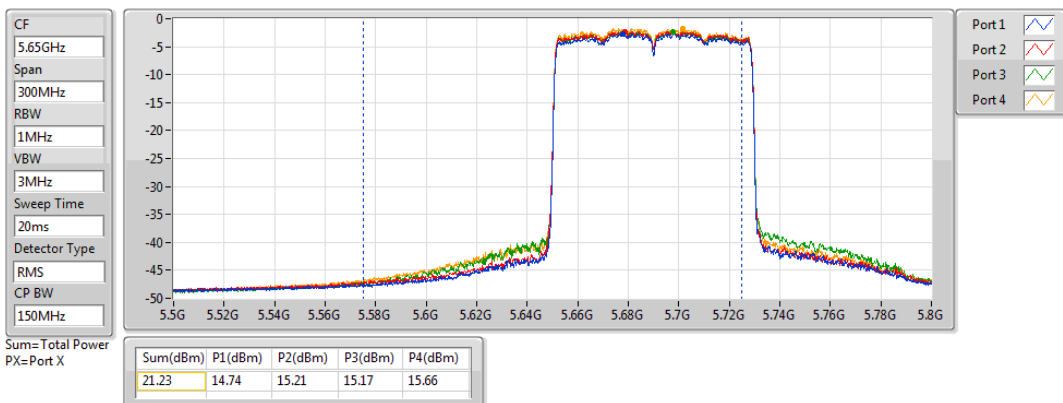


802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

28/02/2019

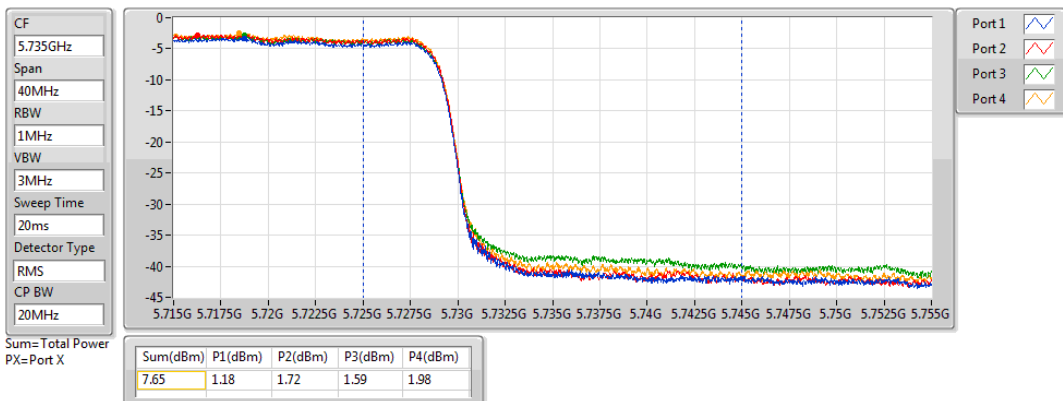


802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

28/02/2019

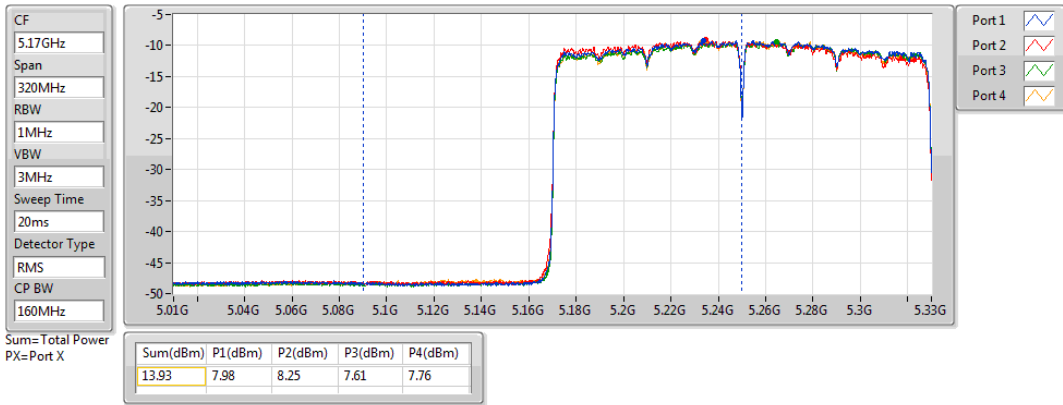


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

28/02/2019

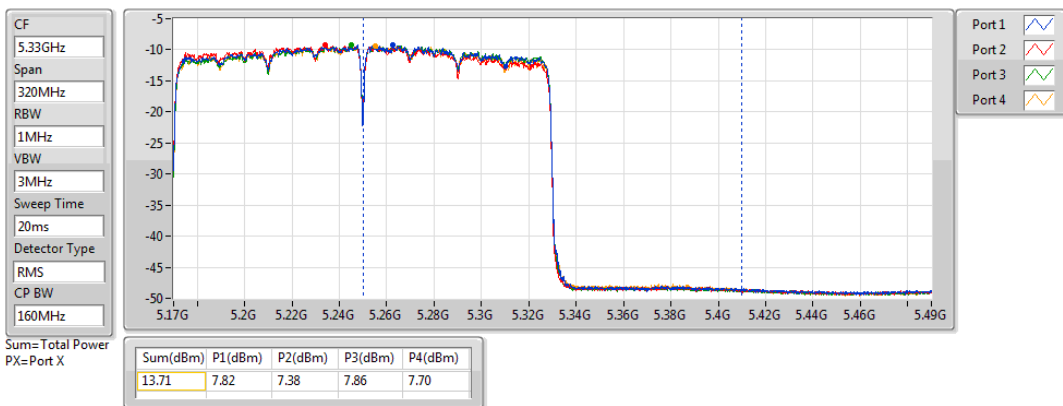


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

28/02/2019





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

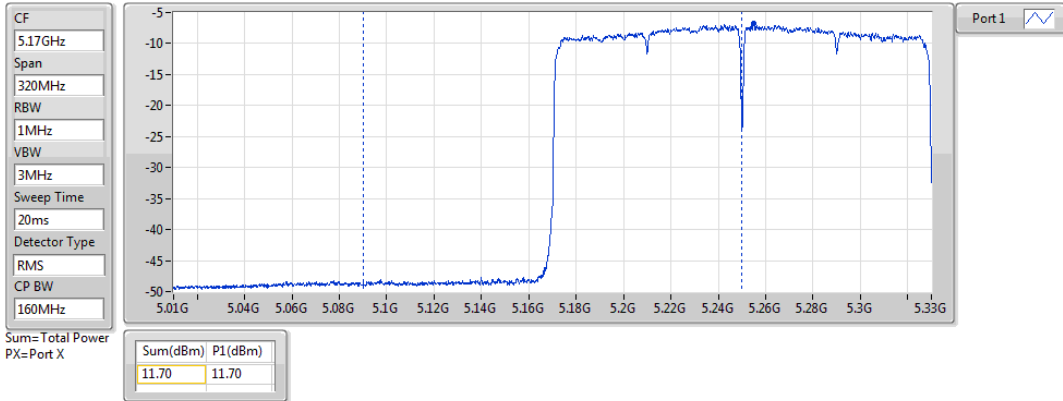
Note : Refer to Appendix B.61 for Elevation angle higher than 30°.

802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

06/03/2019

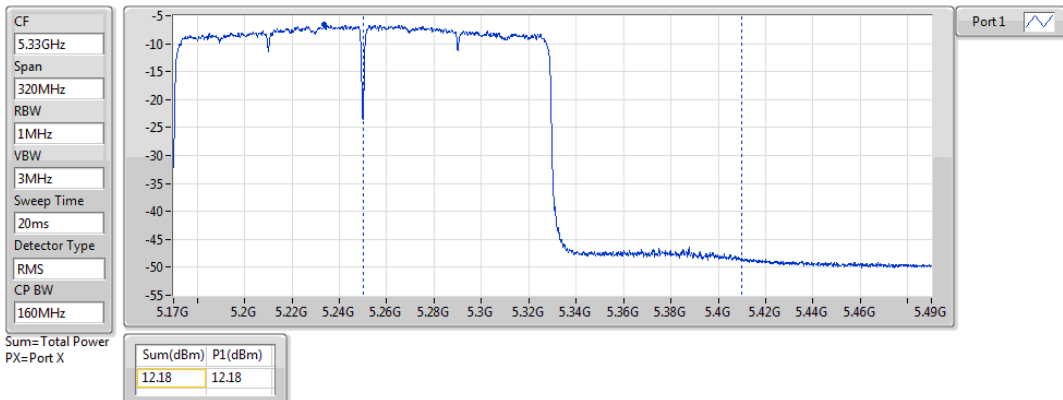


802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz

06/03/2019





**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

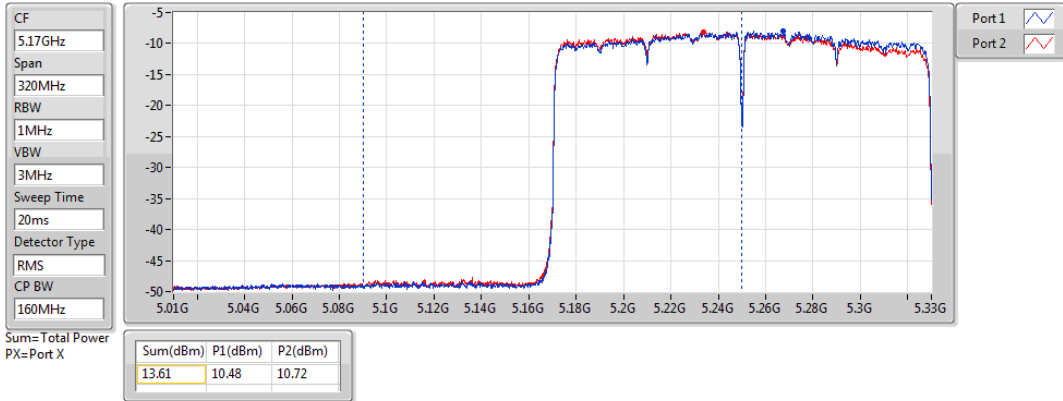
Note : Refer to Appendix B.61 for Elevation angle higher than 30°.

802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz

06/03/2019

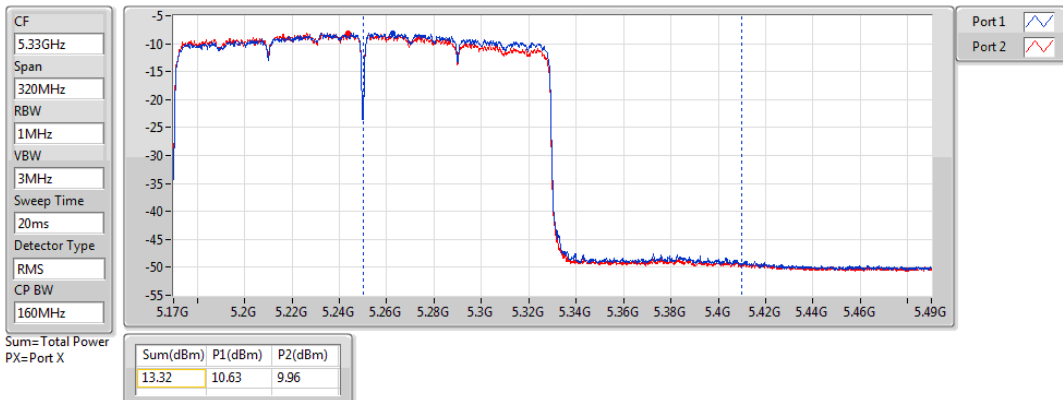


802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz

06/03/2019





**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

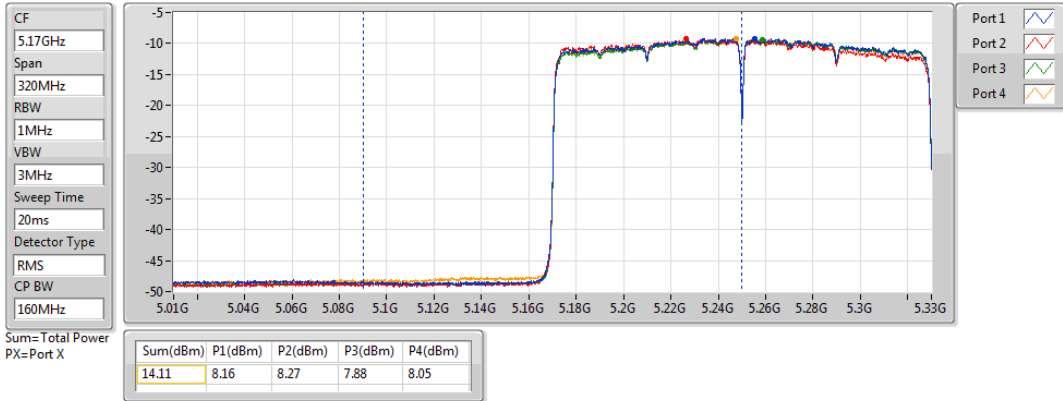
Note : Refer to Appendix B.61 for Elevation angle higher than 30°.

802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

07/03/2019

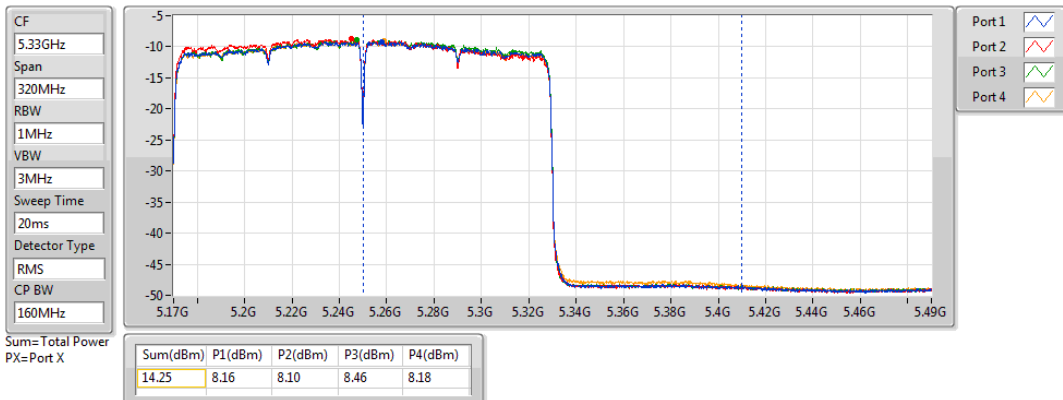


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

07/03/2019





**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

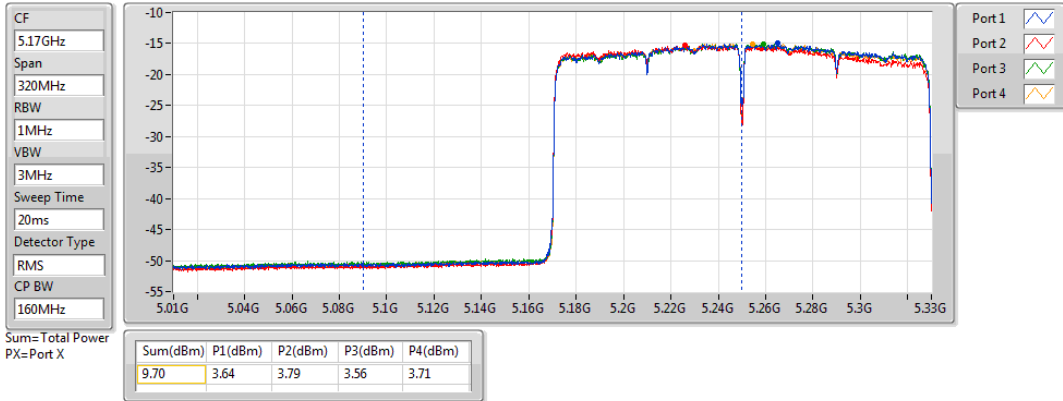
Note : Refer to Appendix B.61 for Elevation angle higher than 30°.

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

14/05/2019

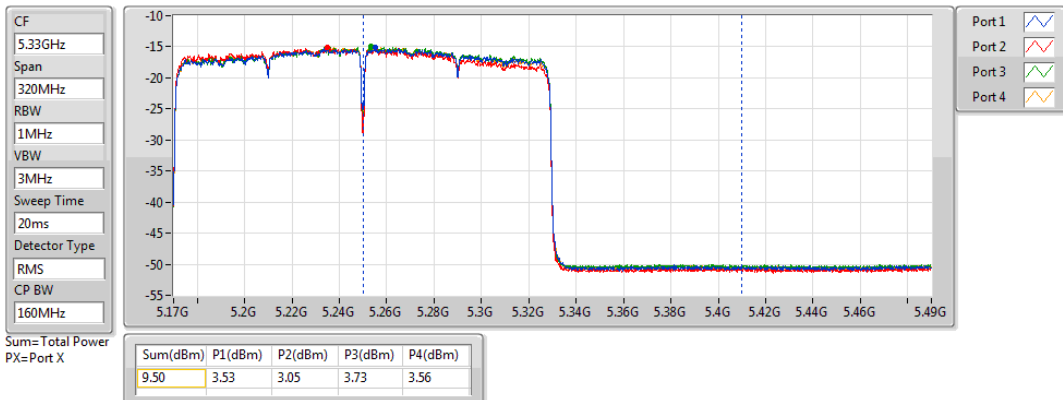


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

14/05/2019





**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

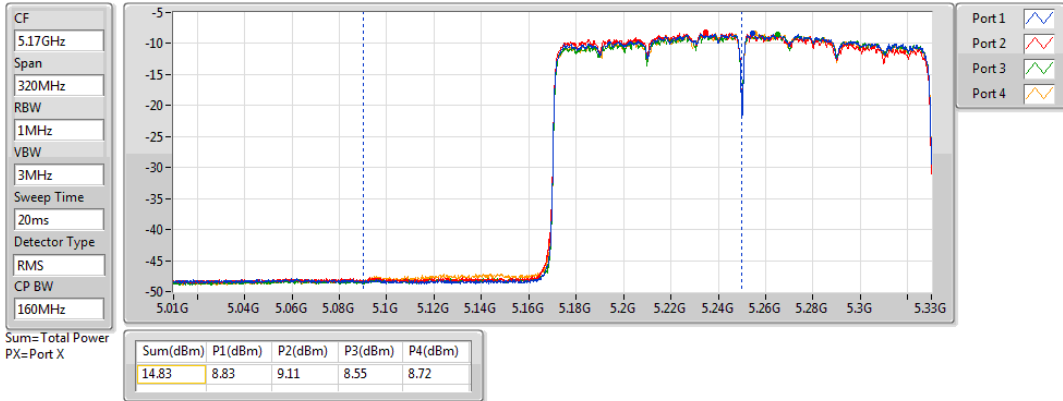
Note : Refer to Appendix B.61 for Elevation angle higher than 30°.

802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

07/03/2019

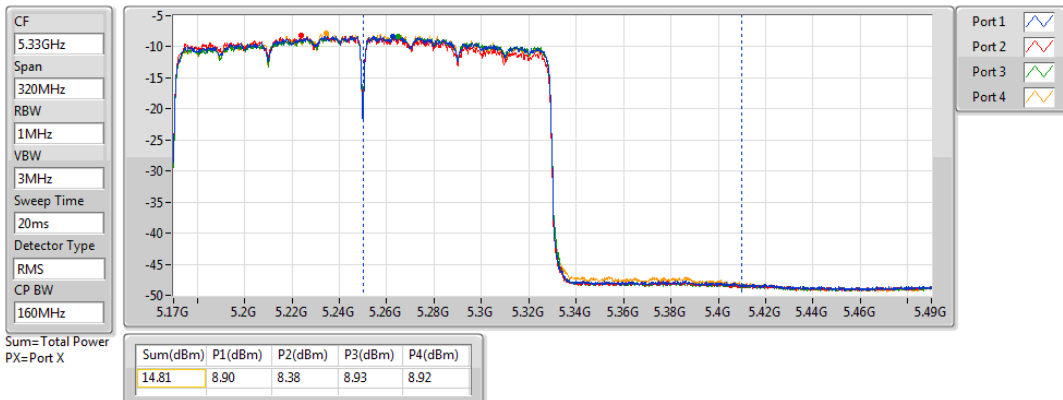


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

07/03/2019





**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

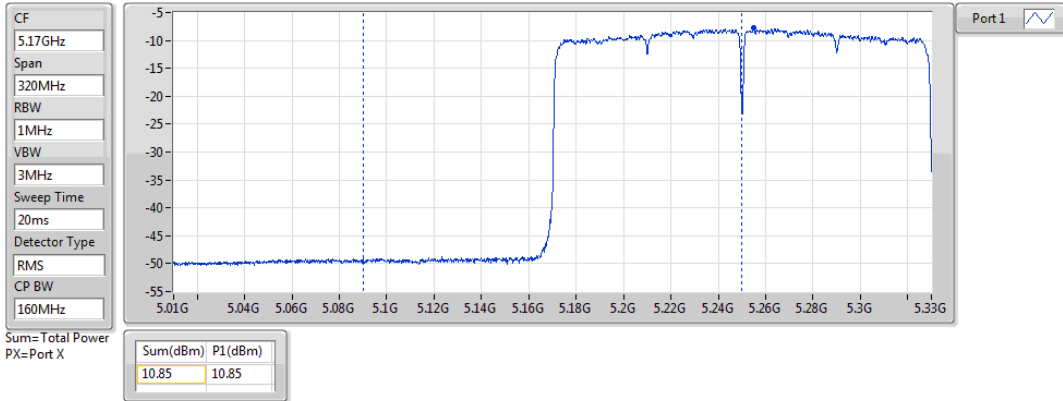
Note : Refer to Appendix B.62 for Elevation angle higher than 30°.

802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

26/02/2019

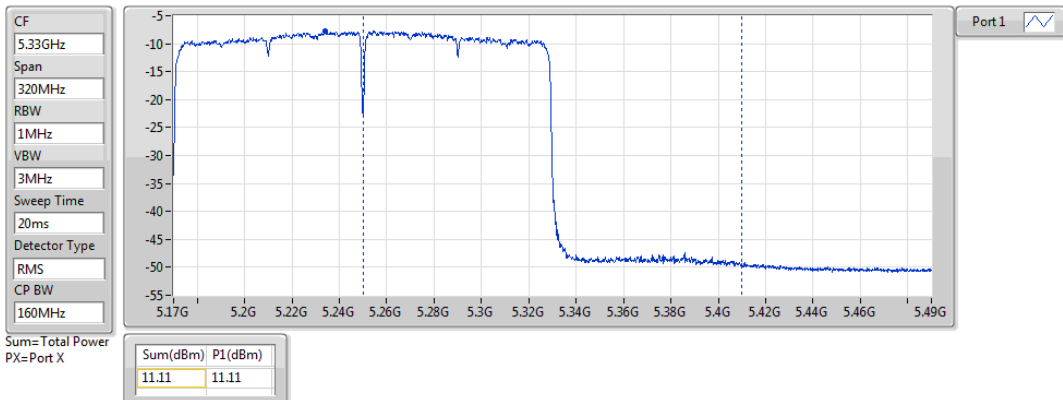


802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz

26/02/2019





**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

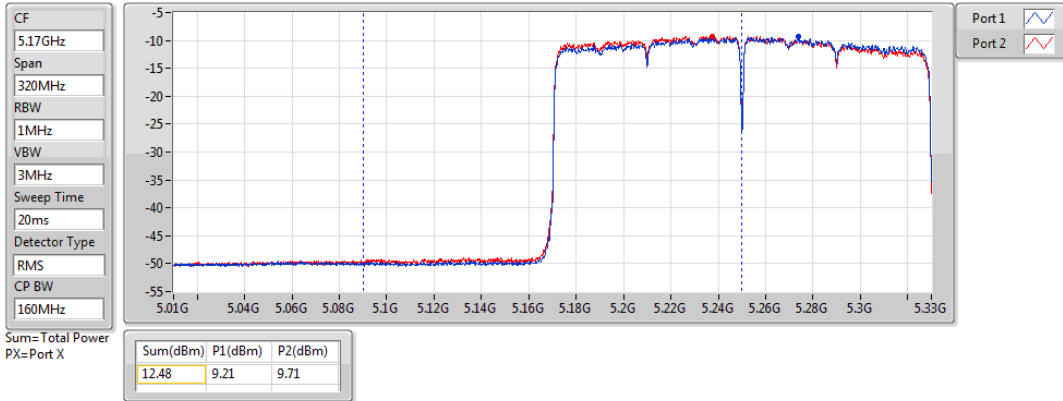
Note : Refer to Appendix B.62 for Elevation angle higher than 30°.

802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz

26/02/2019

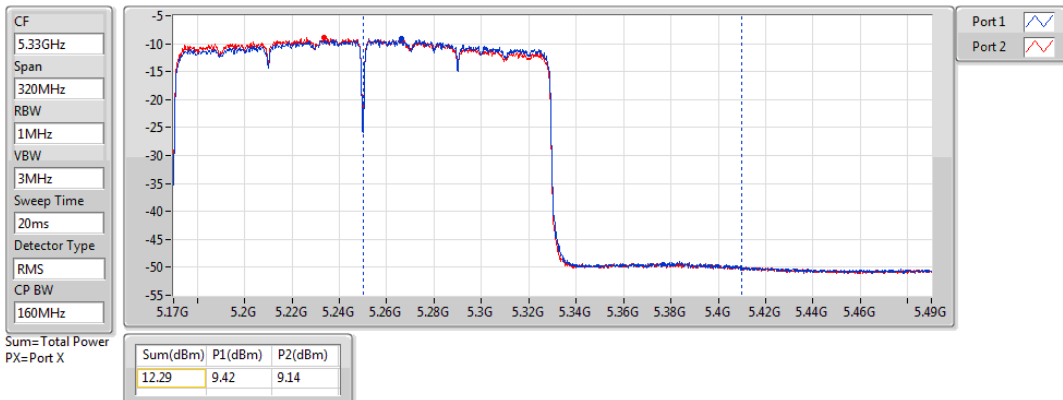


802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz

26/02/2019





**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

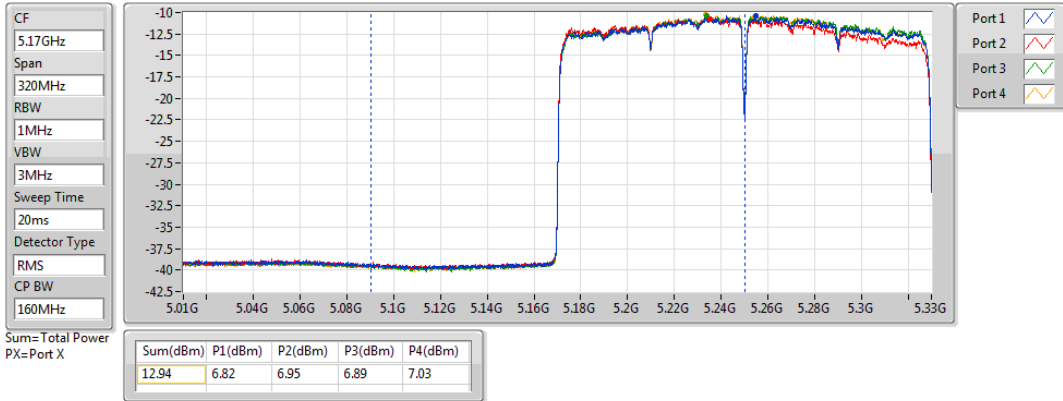
Note : Refer to Appendix B.62 for Elevation angle higher than 30°.

802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

27/02/2019

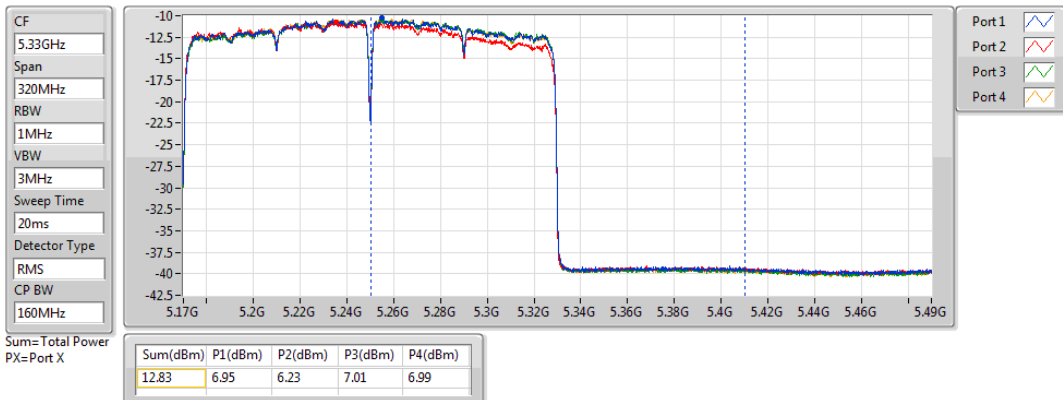


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

27/02/2019





**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

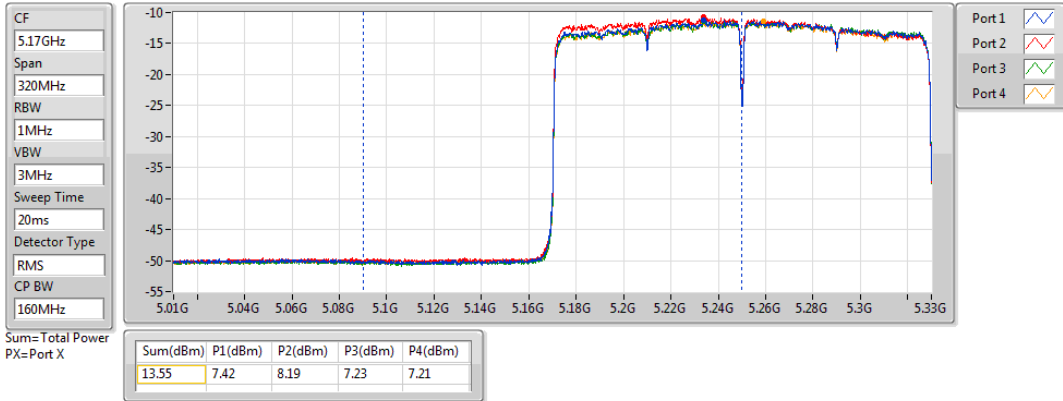
Note : Refer to Appendix B.62 for Elevation angle higher than 30°.

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

28/02/2019

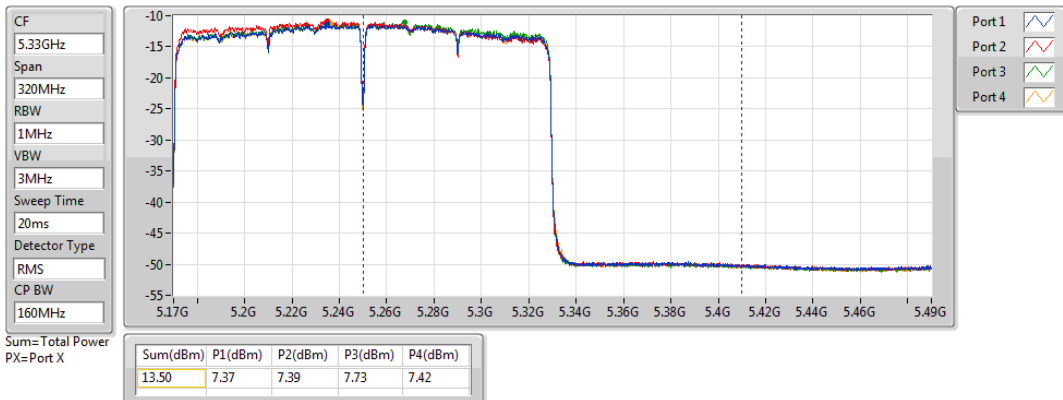


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

28/02/2019





**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

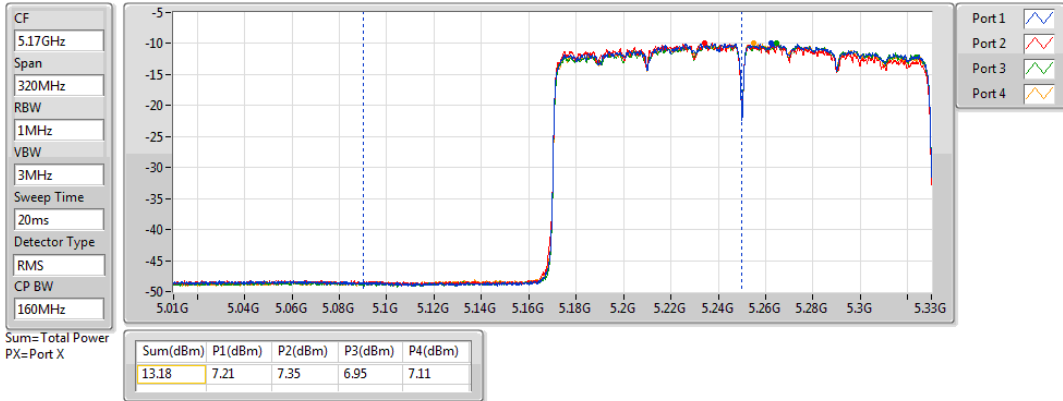
Note : Refer to Appendix B.62 for Elevation angle higher than 30°.

802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

27/02/2019

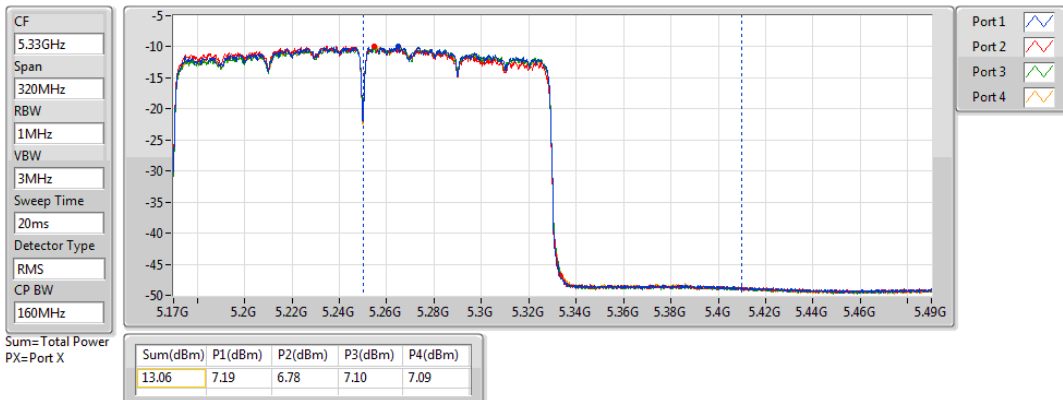


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

27/02/2019





**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

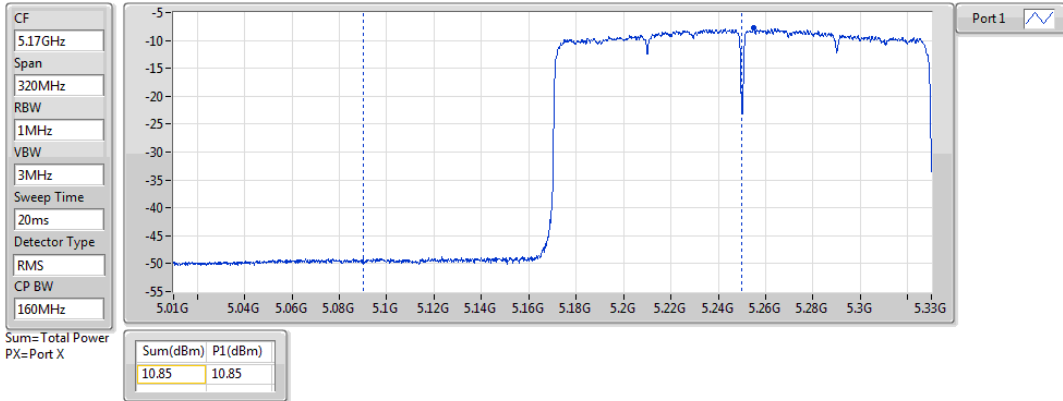
Note : Refer to Appendix B.63 for Elevation angle higher than 30°.

802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

26/02/2019

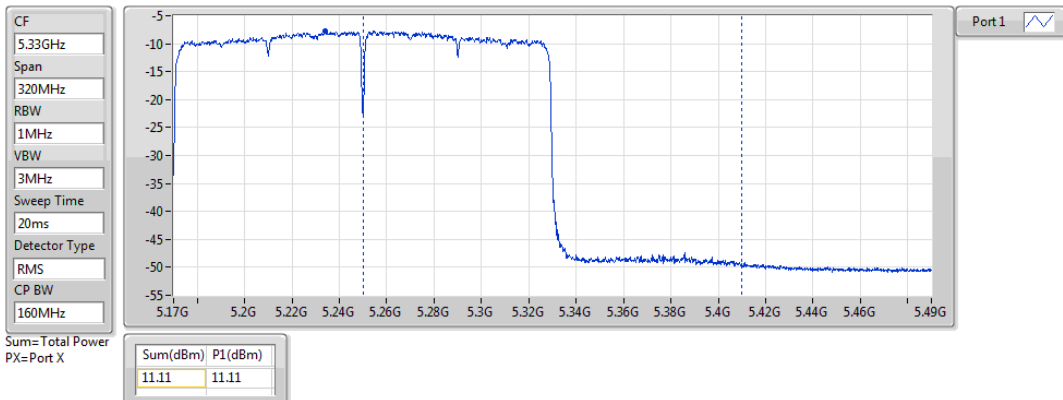


802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.25-5.35GHz

26/02/2019





**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

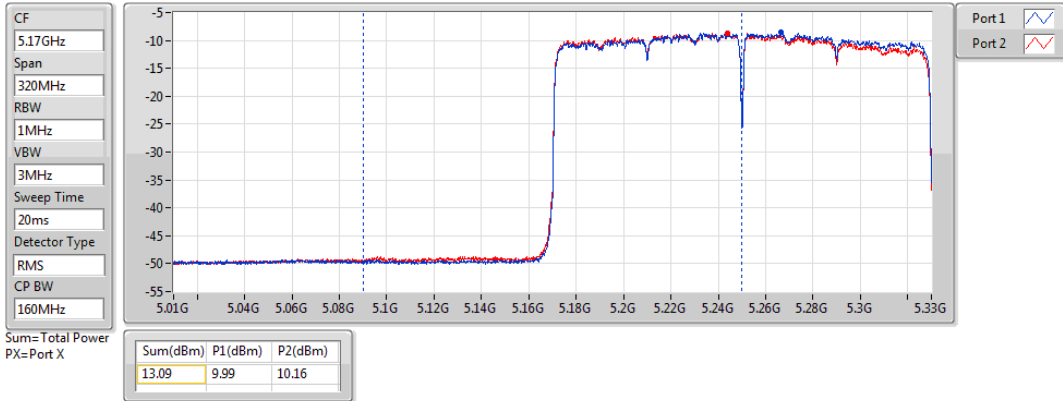
Note : Refer to Appendix B.63 for Elevation angle higher than 30°.

802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz

28/02/2019

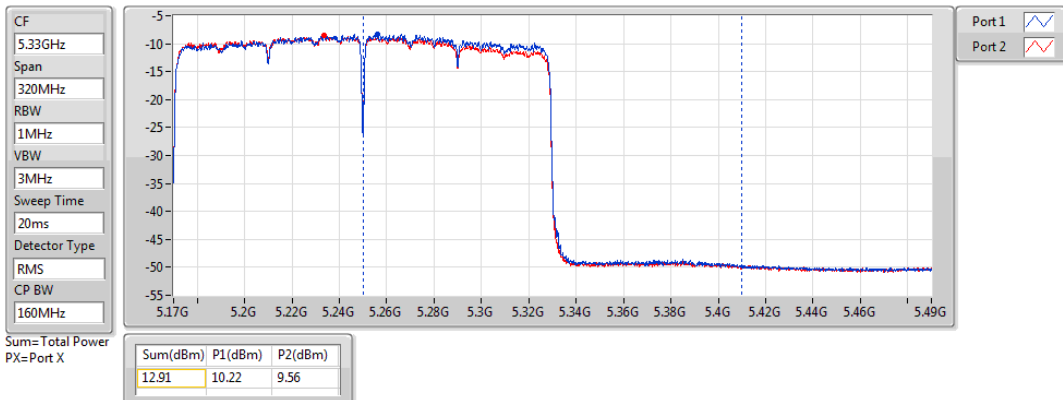


802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.25-5.35GHz

28/02/2019





**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

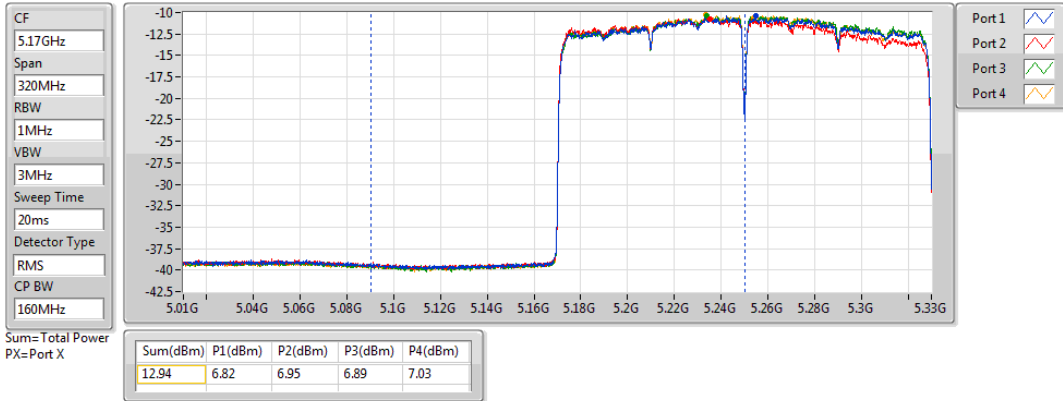
Note : Refer to Appendix B.63 for Elevation angle higher than 30°.

802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

27/02/2019

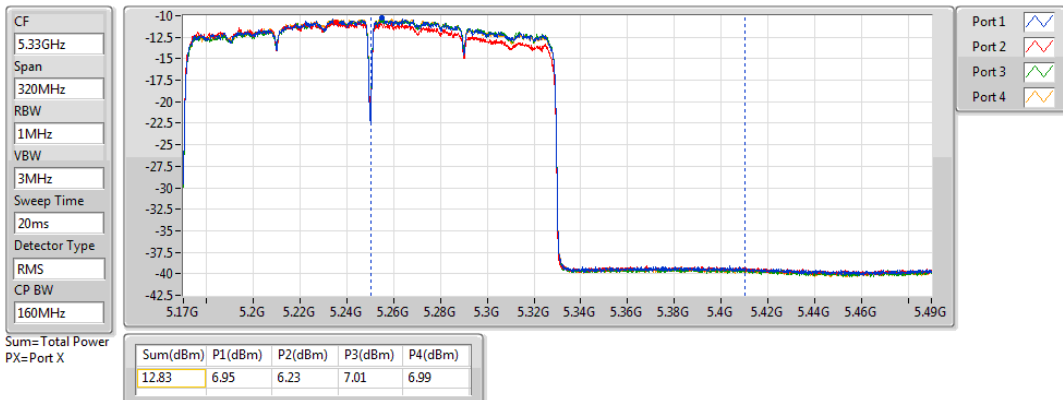


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

27/02/2019





**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

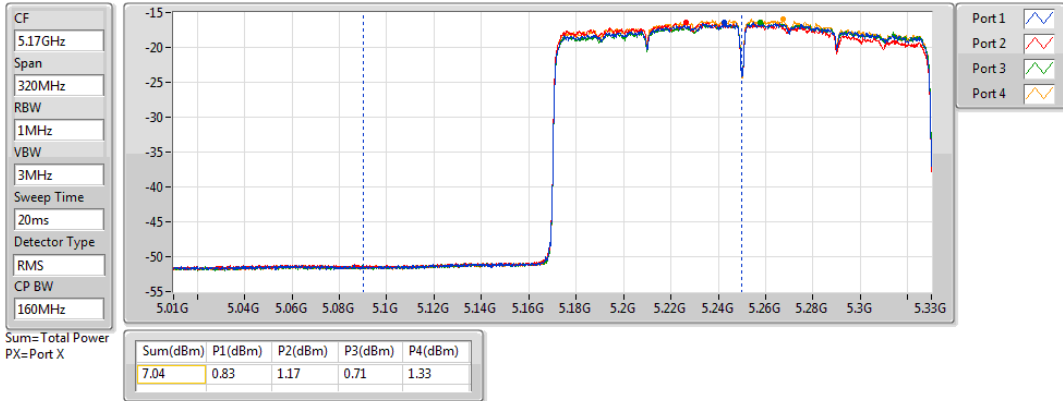
Note : Refer to Appendix B.63 for Elevation angle higher than 30°.

802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

14/05/2019

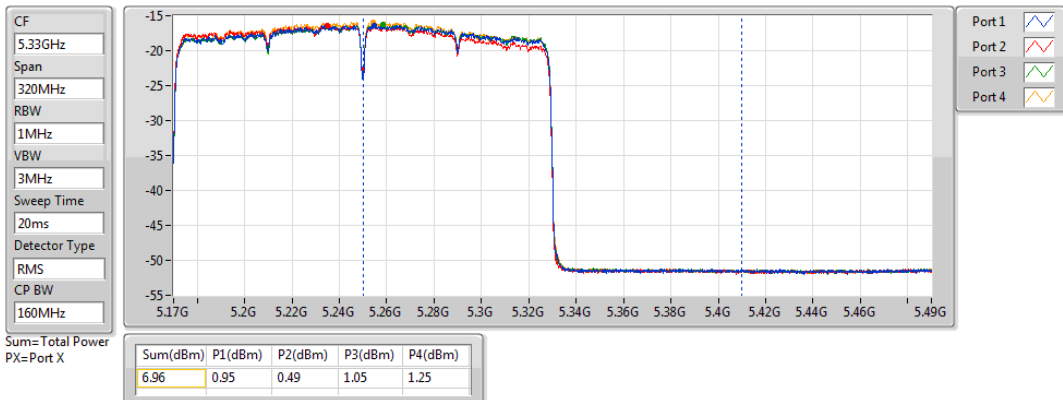


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

14/05/2019





**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

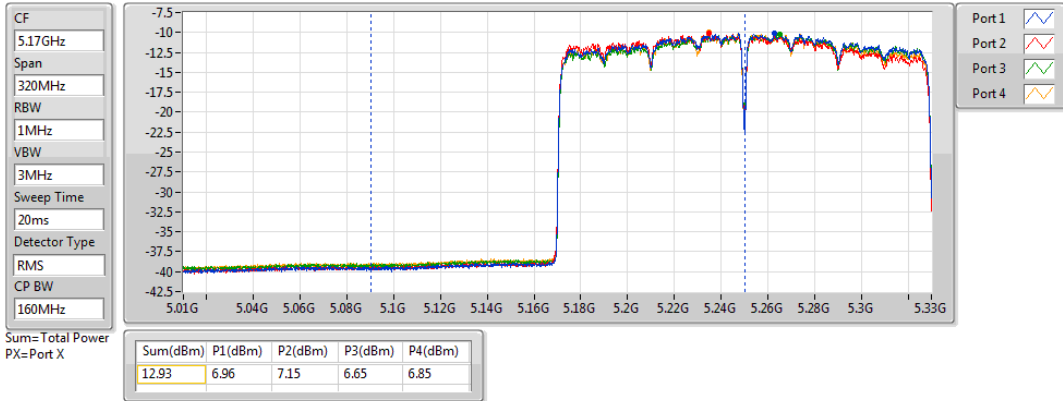
Note : Refer to Appendix B.63 for Elevation angle higher than 30°.

802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

14/05/2019

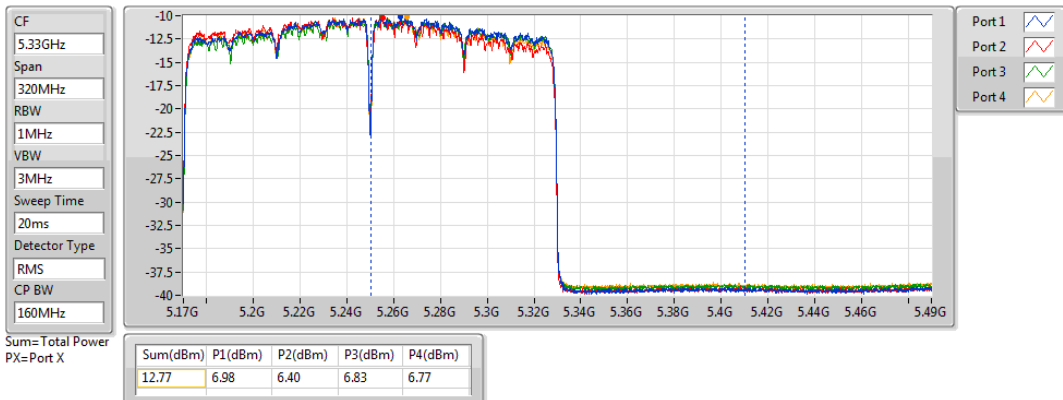


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

14/05/2019





Power Result_Radio 2

Appendix B.31

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

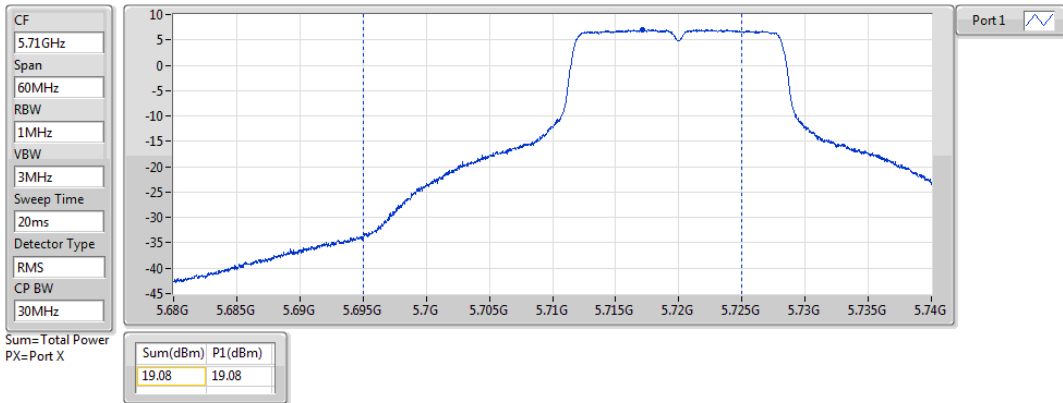
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

05/03/2019

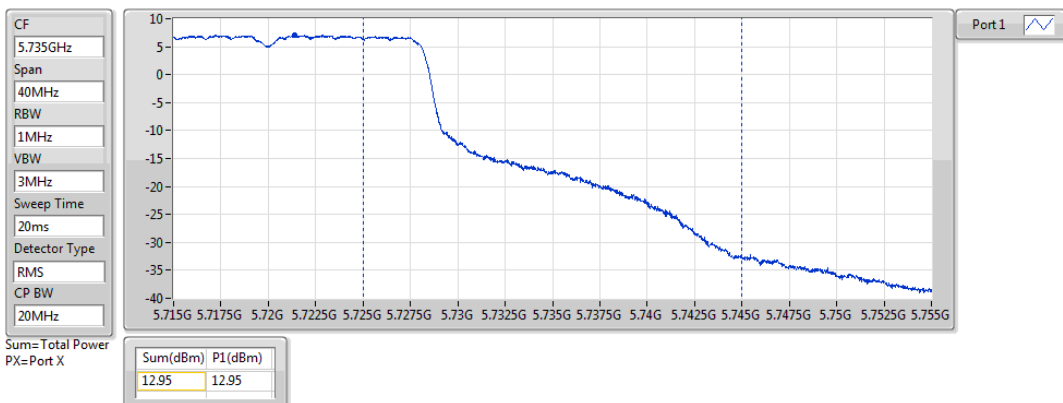


802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

05/03/2019

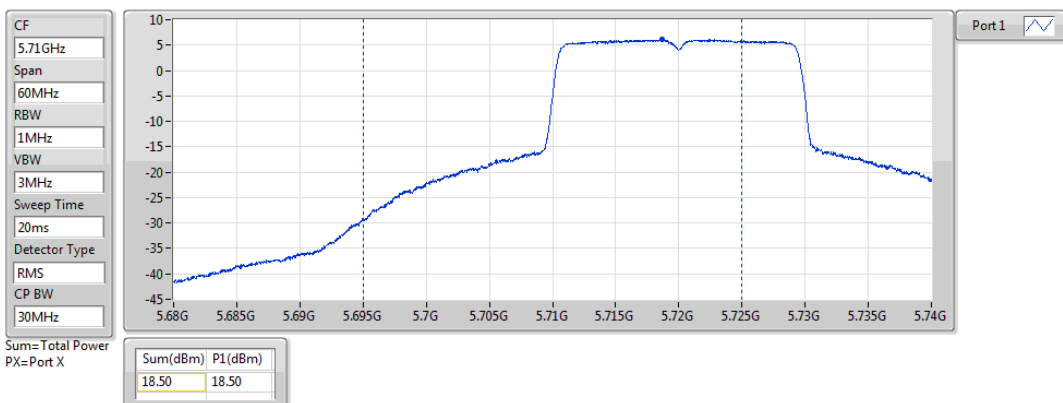


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

05/03/2019

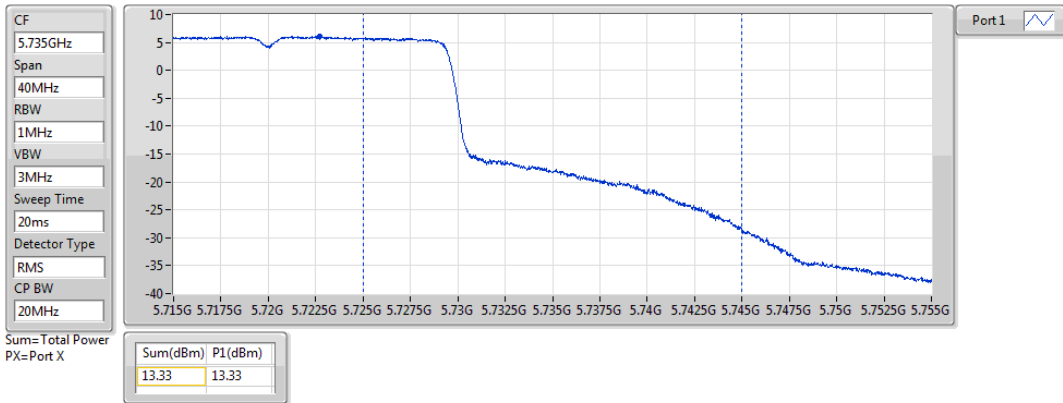


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.725-5.85GHz

05/03/2019

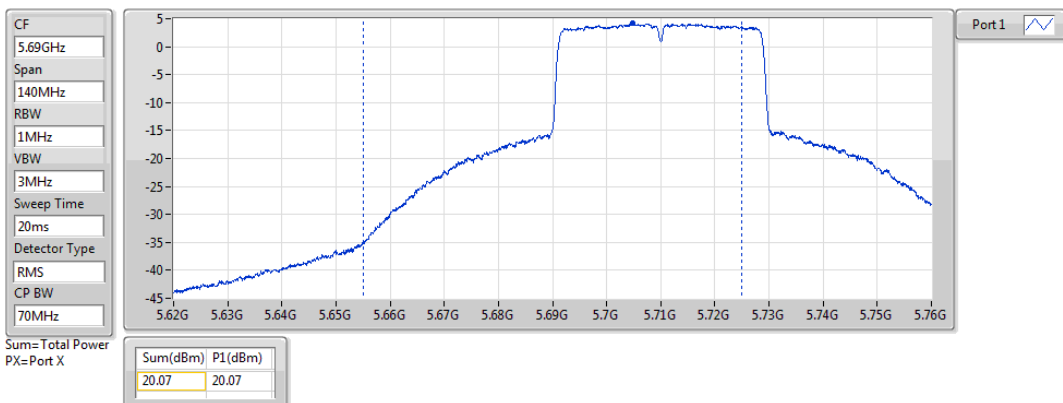


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.47-5.725GHz

05/03/2019

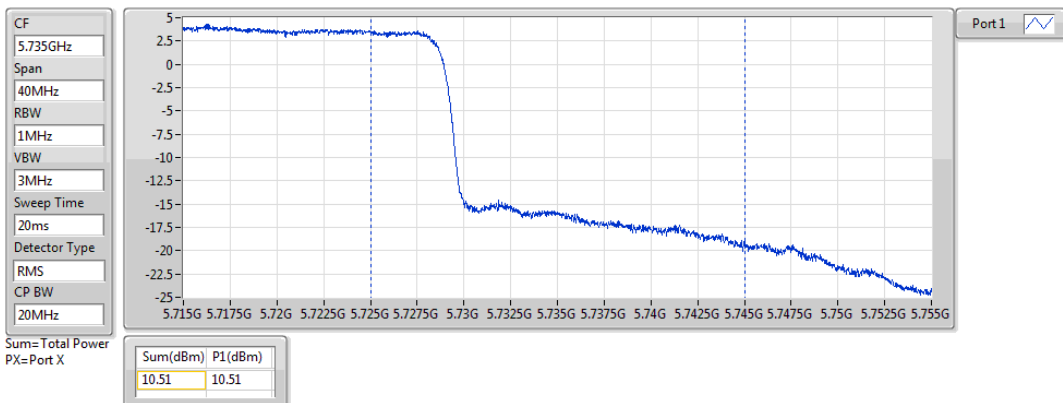


802.11ax HEW40_Nss1,(MCS0)_1TX

AV Power

5710MHz Straddle 5.725-5.85GHz

05/03/2019

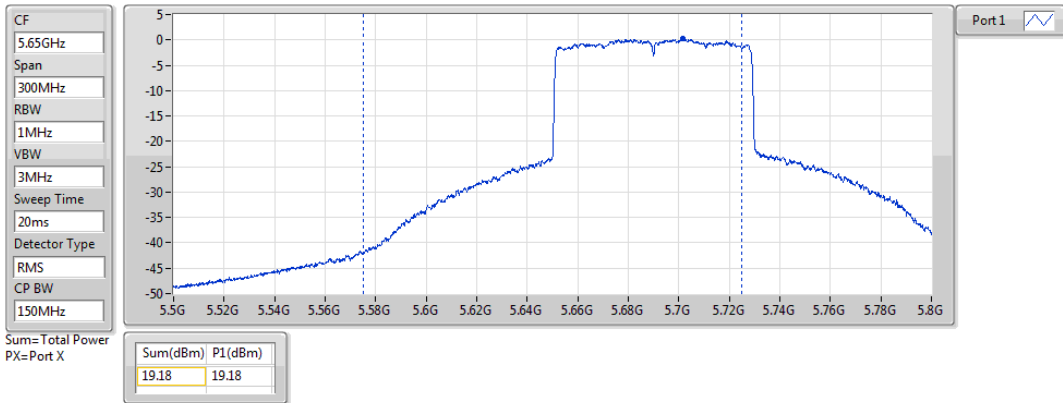


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz

05/03/2019

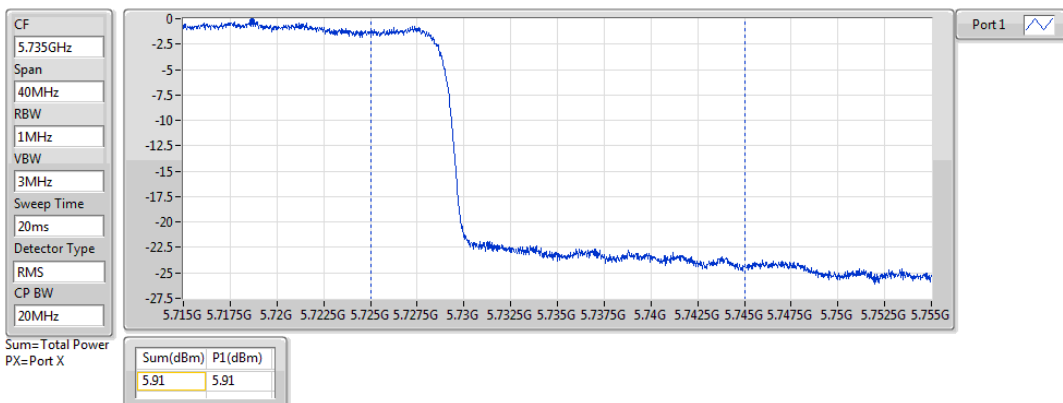


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz

05/03/2019

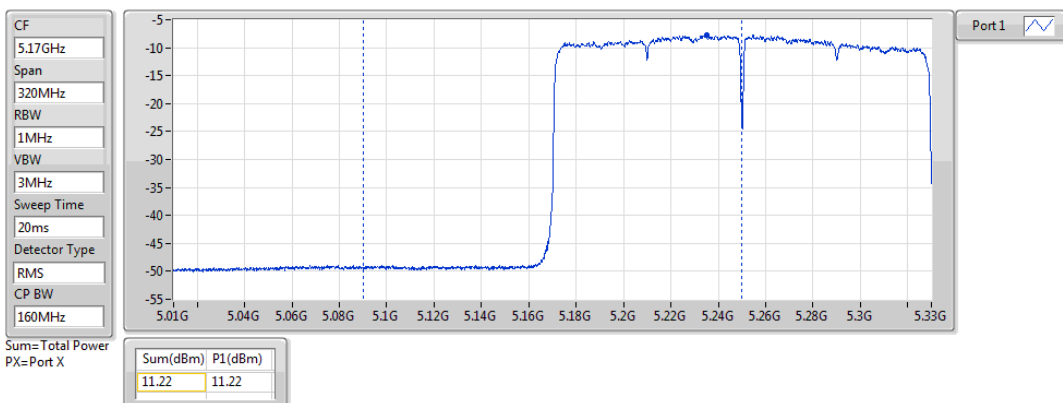


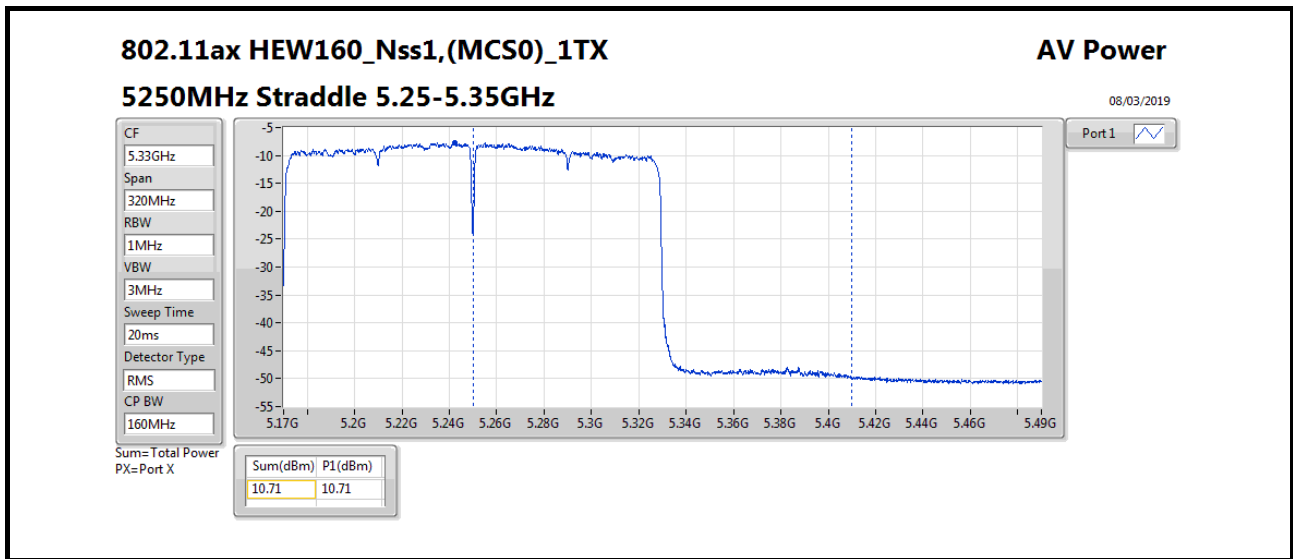
802.11ax HEW160_Nss1,(MCS0)_1TX

AV Power

5250MHz Straddle 5.15-5.25GHz

08/03/2019





**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

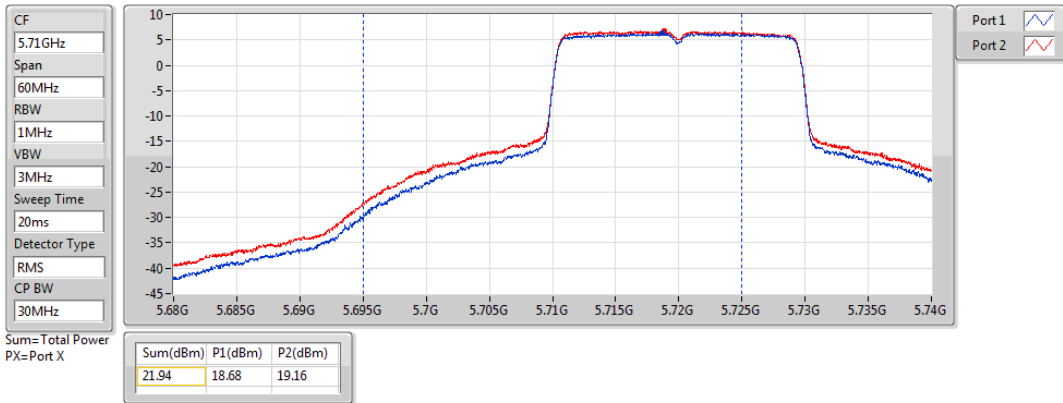
Note : Conducted setting = Pass conducted setting division 4

802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.47-5.725GHz

07/03/2019

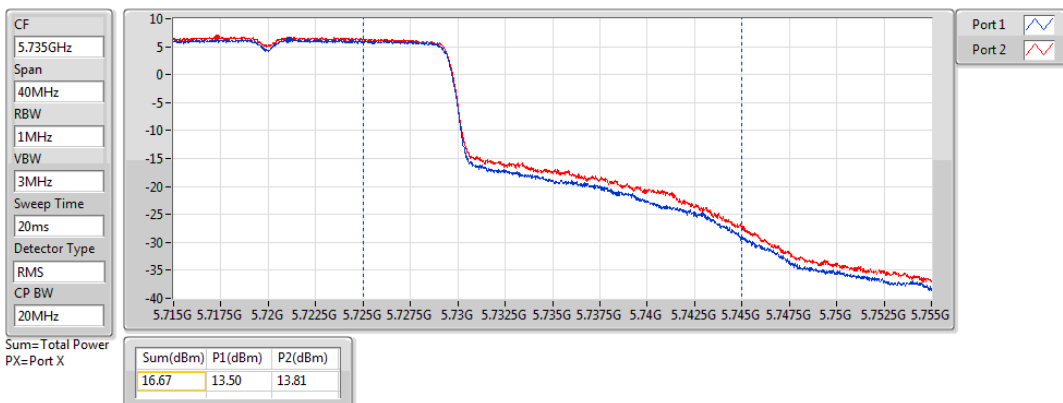


802.11ax HEW20_Nss2,(MCS0)_2TX

AV Power

5720MHz Straddle 5.725-5.85GHz

07/03/2019

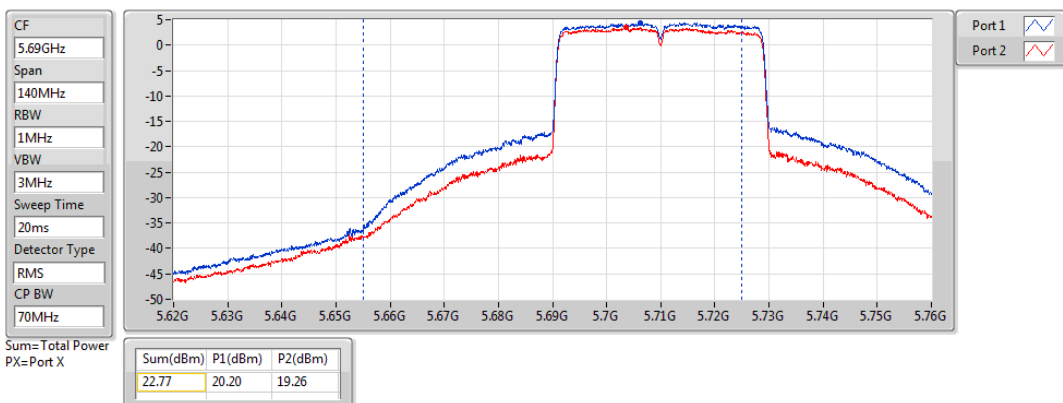


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.47-5.725GHz

07/03/2019

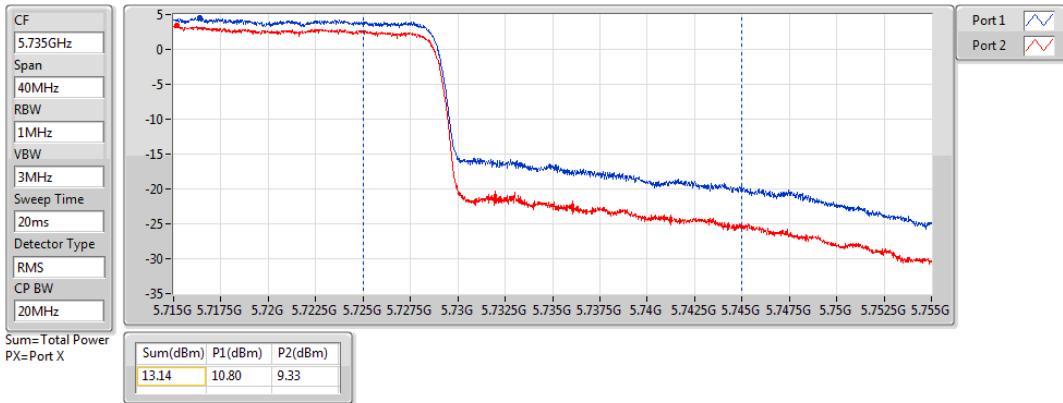


802.11ax HEW40_Nss2,(MCS0)_2TX

AV Power

5710MHz Straddle 5.725-5.85GHz

07/03/2019

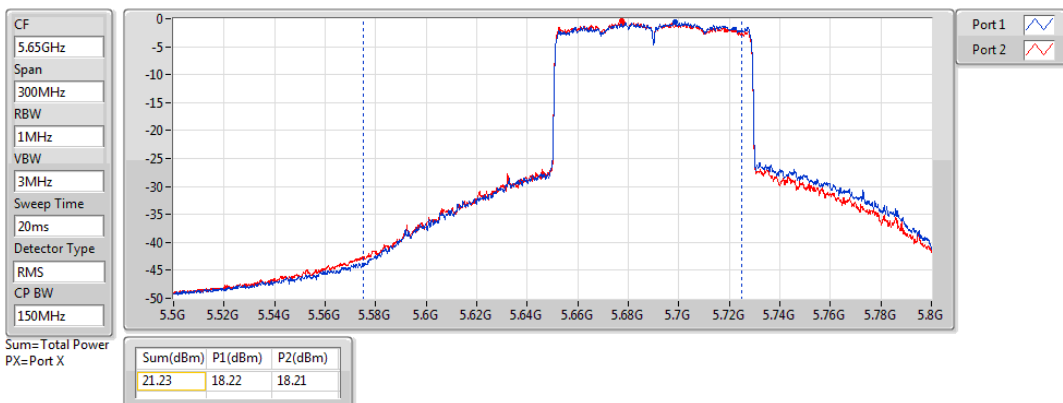


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.47-5.725GHz

08/03/2019

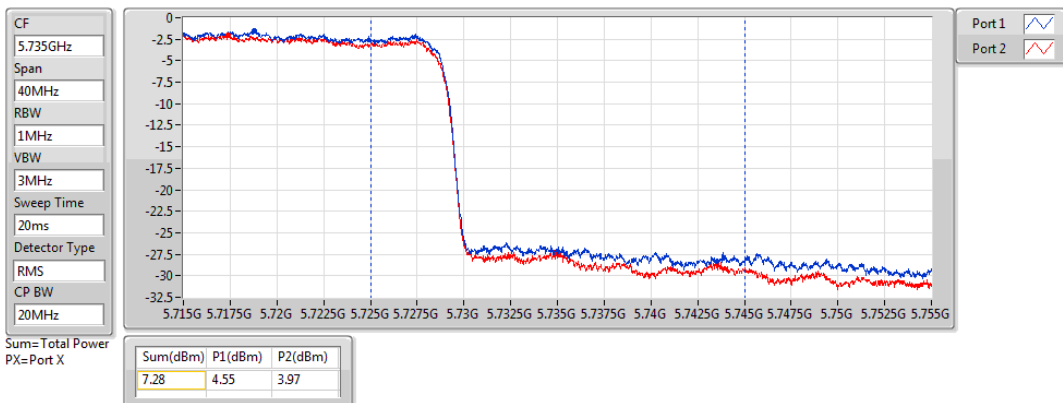


802.11ax HEW80_Nss2,(MCS0)_2TX

AV Power

5690MHz Straddle 5.725-5.85GHz

08/03/2019

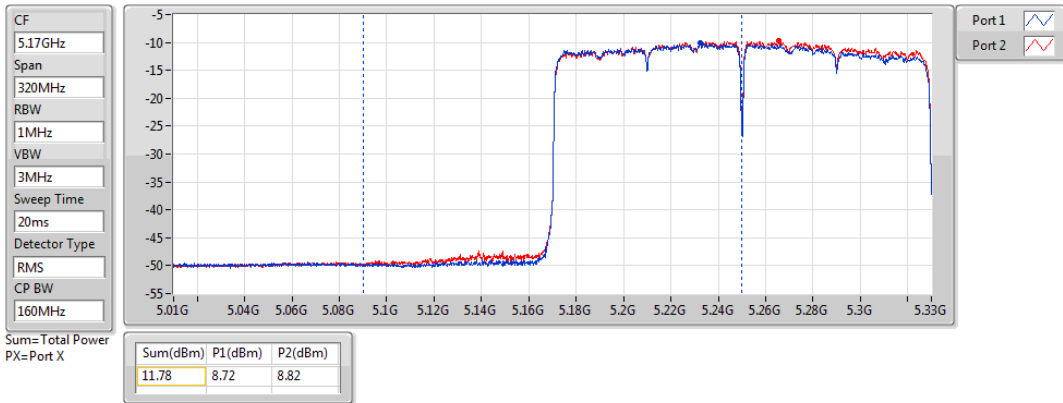


802.11ax HEW160_Nss2,(MCS0)_2TX

AV Power

5250MHz Straddle 5.15-5.25GHz

08/03/2019

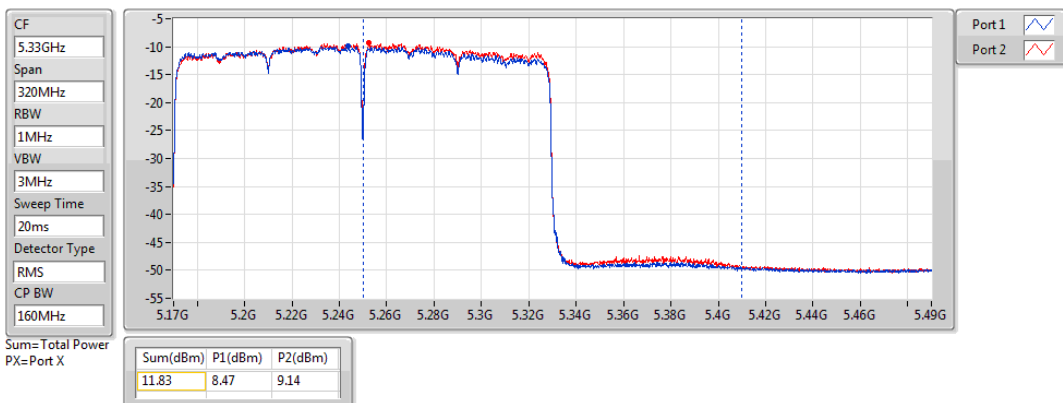


802.11ax HEW160_Nss2,(MCS0)_2TX

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

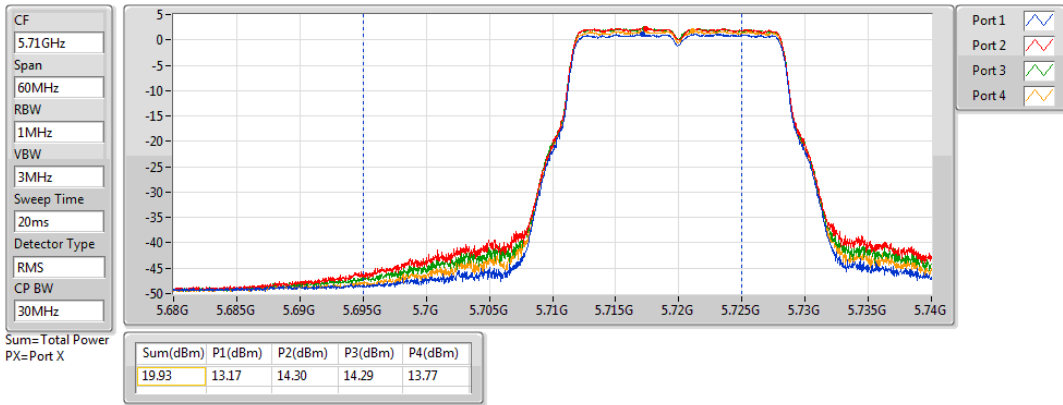
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

08/03/2019

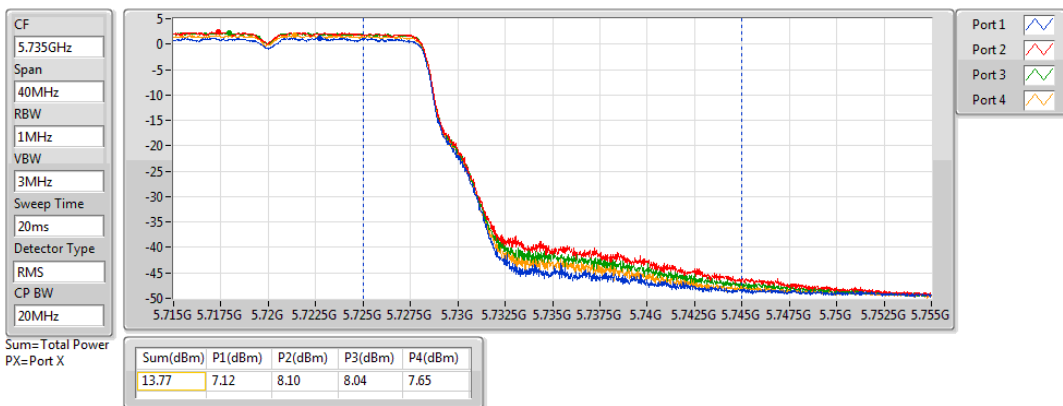


802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

08/03/2019

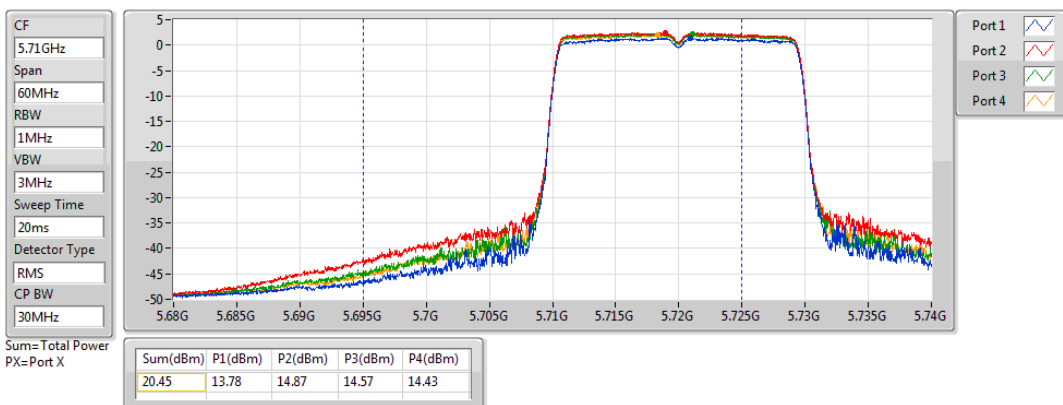


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

08/03/2019

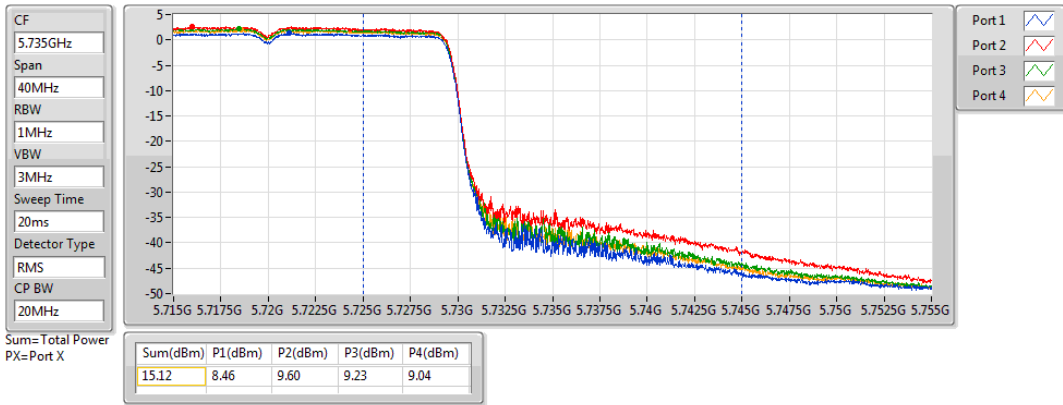


802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

08/03/2019

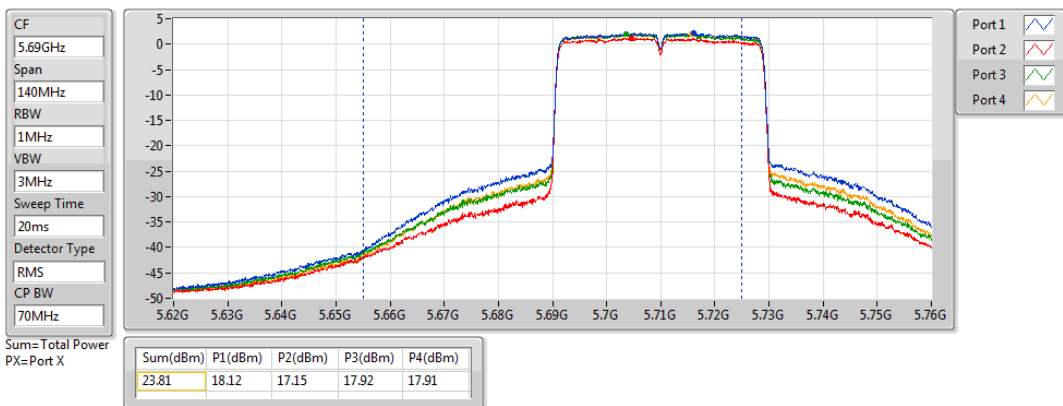


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

08/03/2019

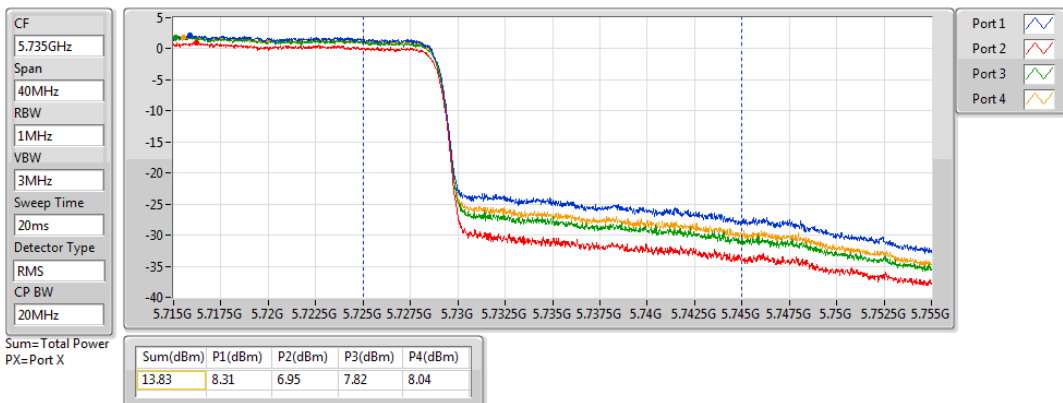


802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

08/03/2019

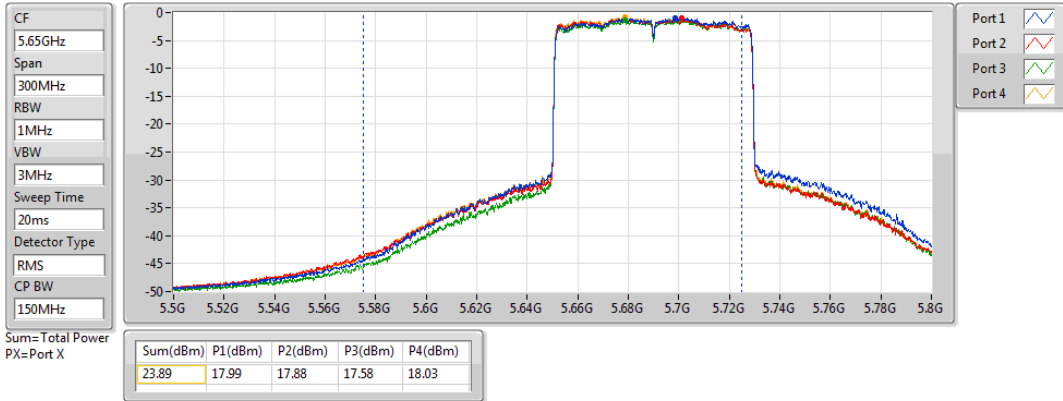


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

08/03/2019

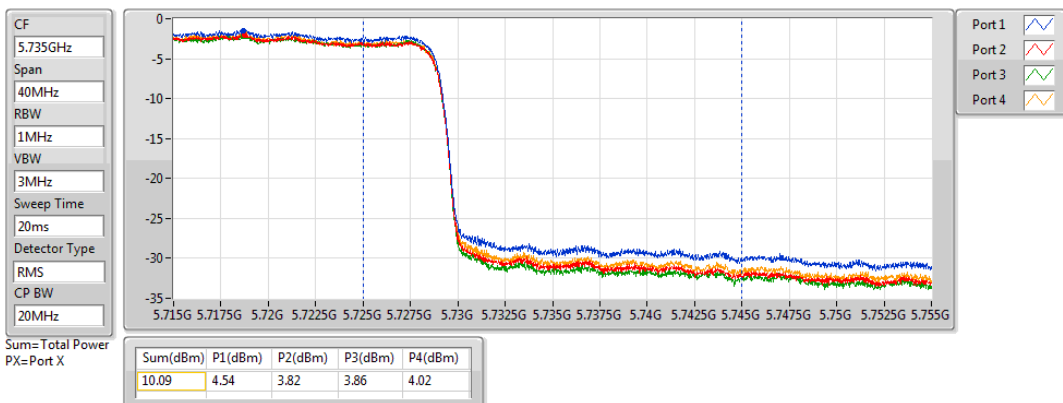


802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

08/03/2019

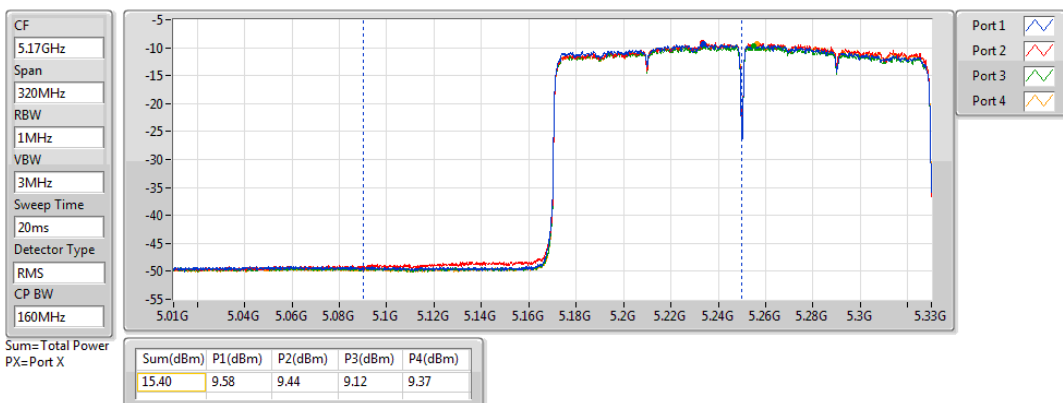


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

08/03/2019

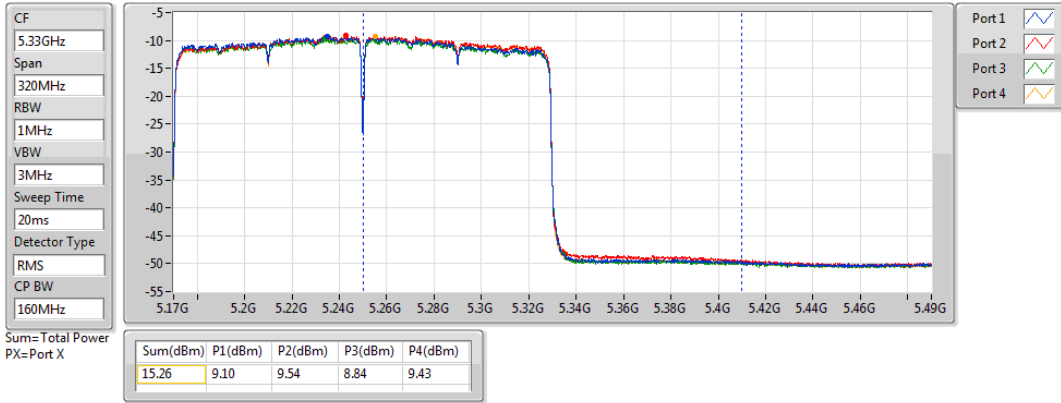


802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

08/03/2019



**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

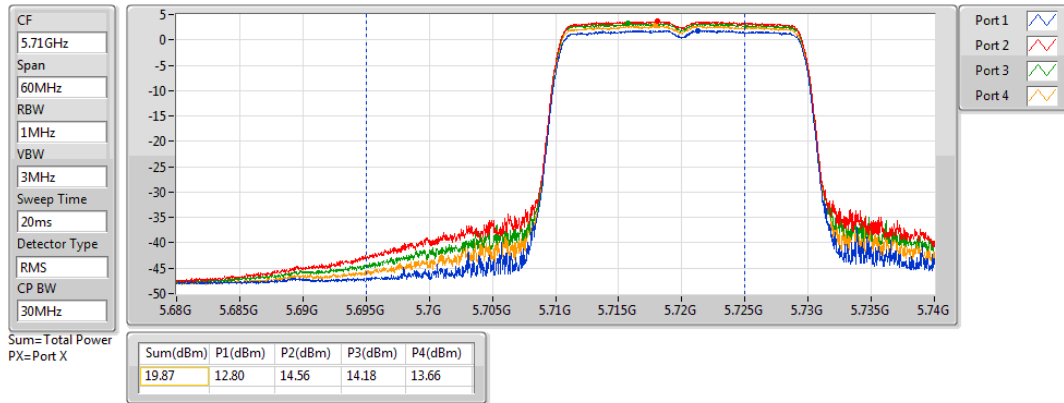
Note : Conducted setting = Pass conducted setting division 4

802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

06/03/2019

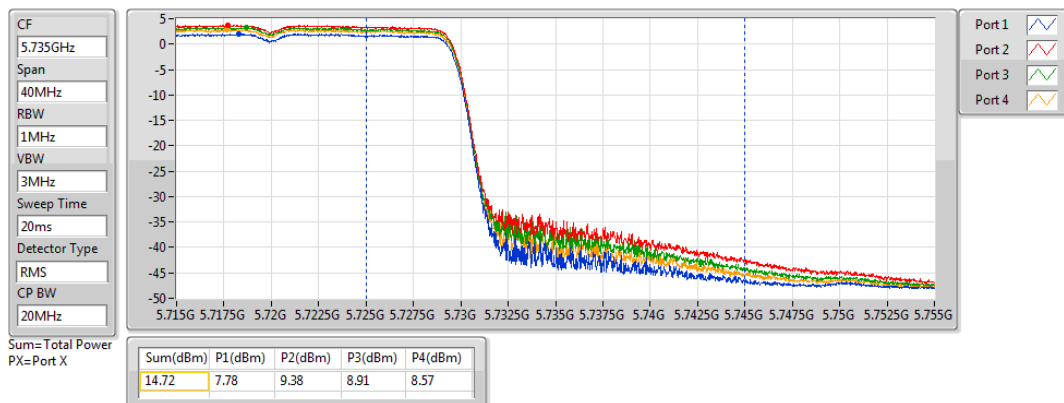


802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

06/03/2019

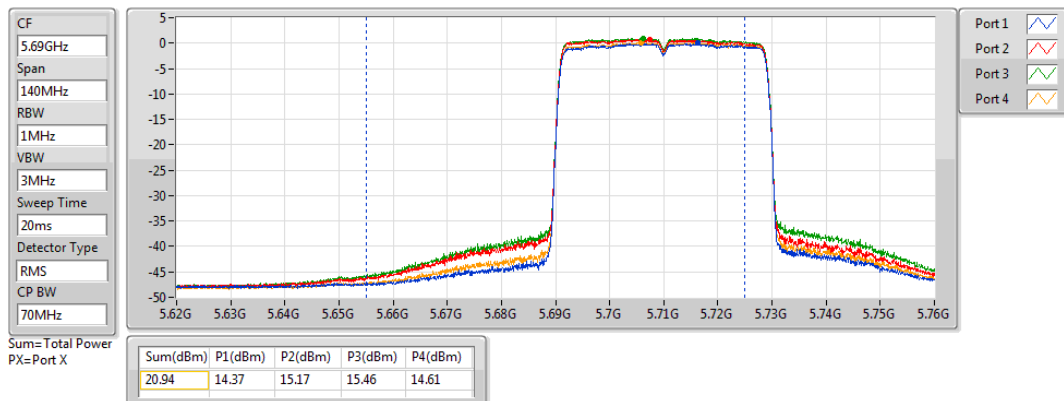


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

06/03/2019

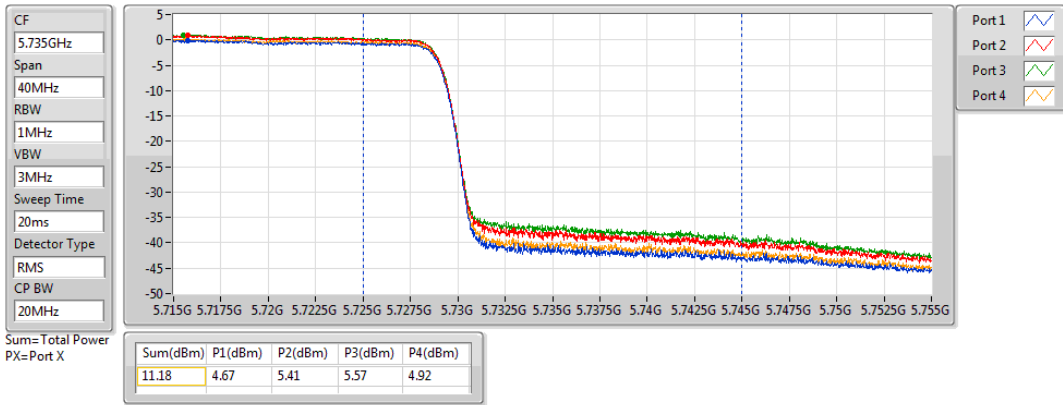


802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

06/03/2019

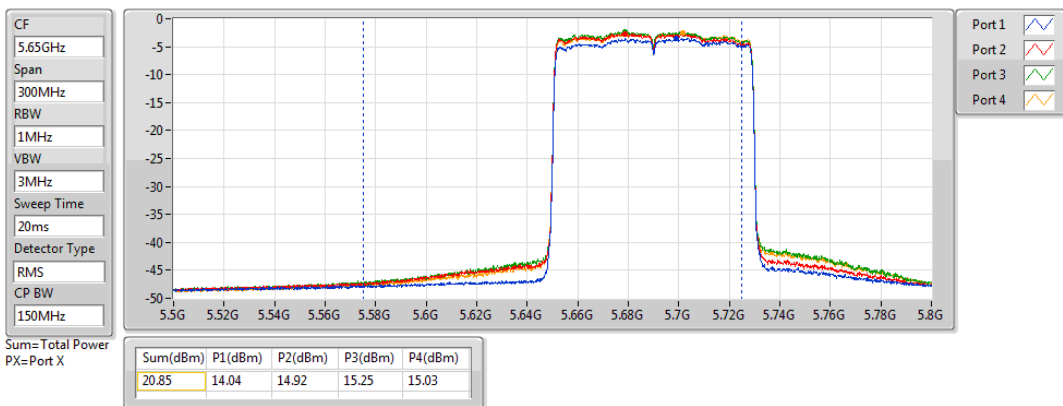


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

06/03/2019

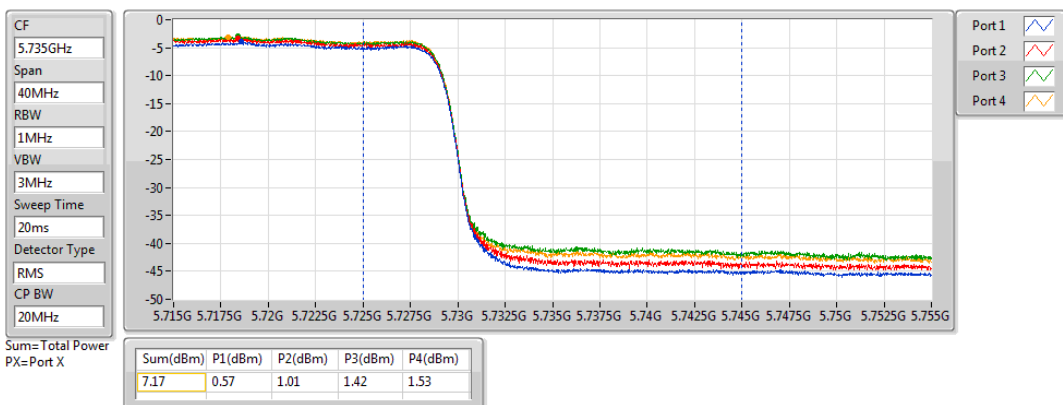


802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

06/03/2019

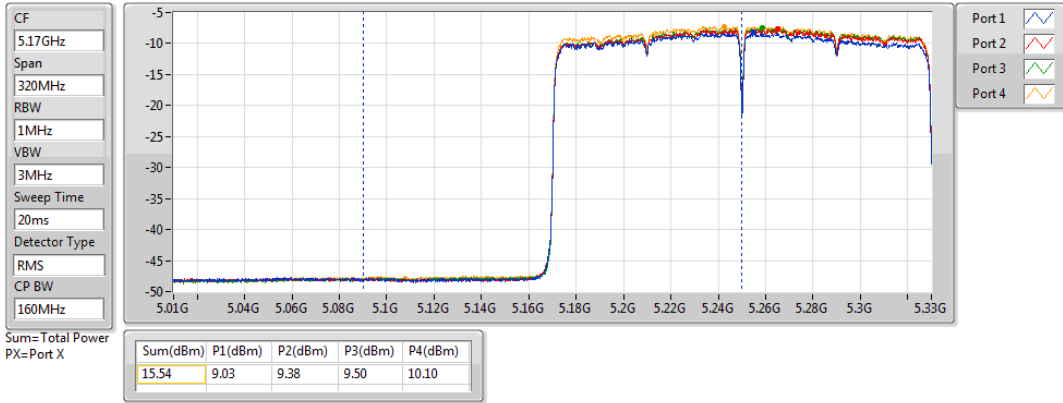


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

06/03/2019

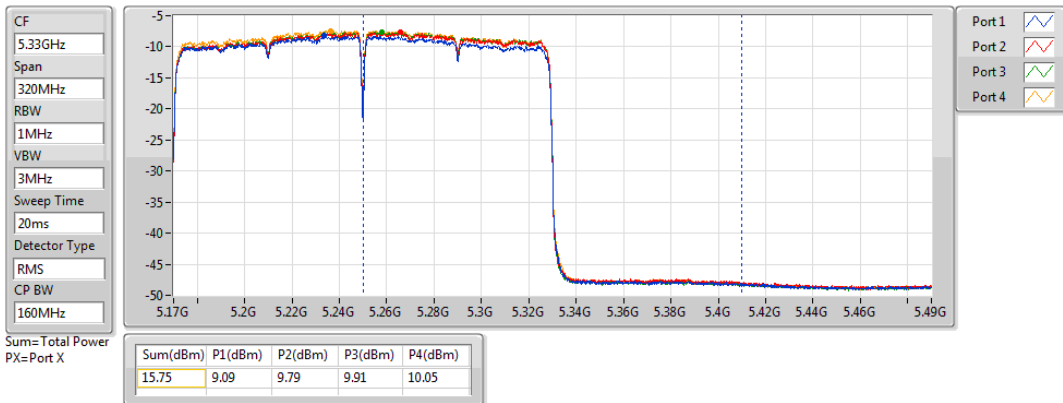


802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

06/03/2019





Power Result_Radio 2

Appendix B.35

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

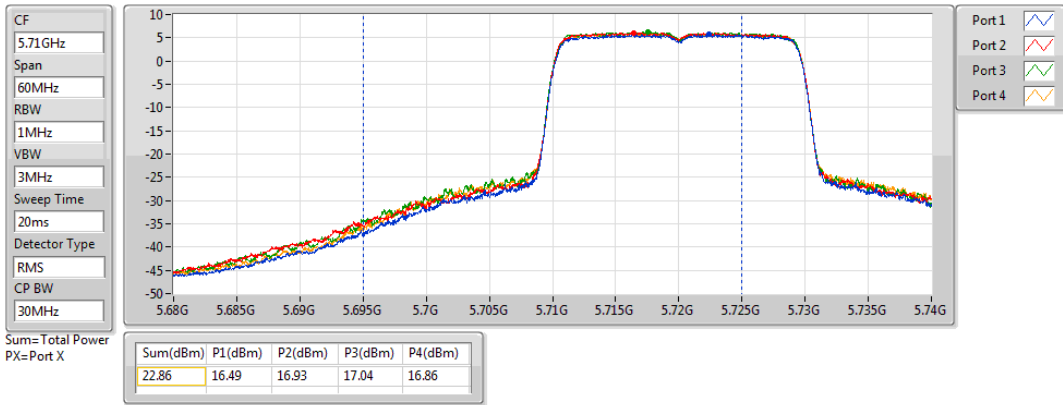
Note : Conducted setting = Pass conducted setting division 4

802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.47-5.725GHz

07/03/2019

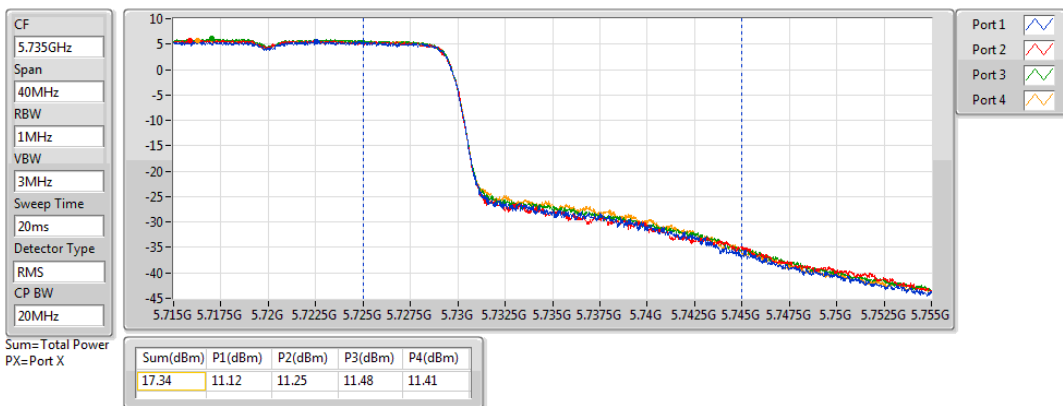


802.11ax HEW20_Nss4,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz

07/03/2019

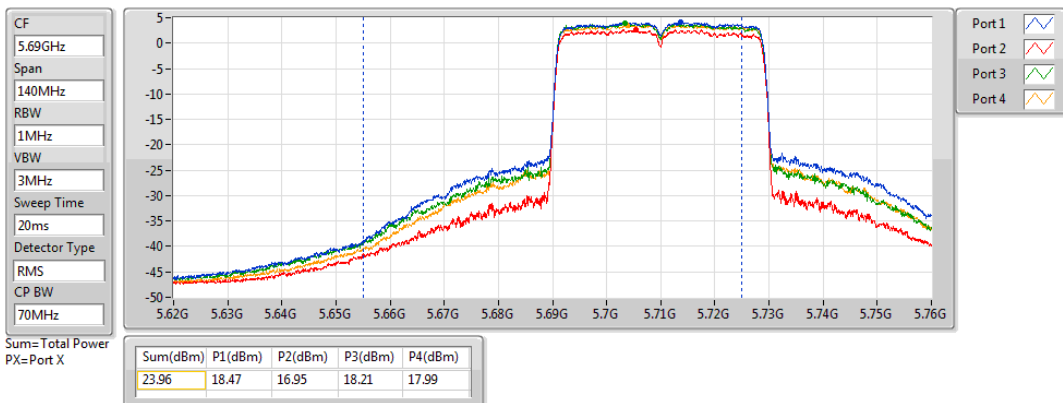


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz

07/03/2019

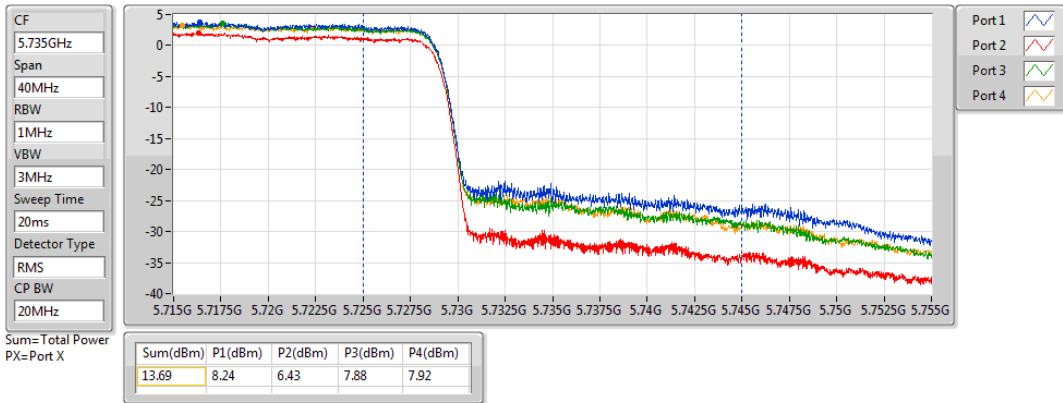


802.11ax HEW40_Nss4,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz

07/03/2019

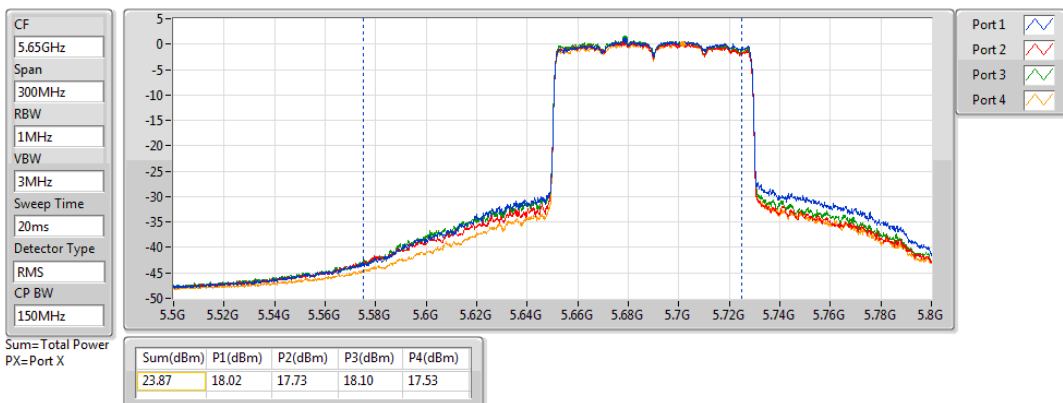


802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.47-5.725GHz

07/03/2019

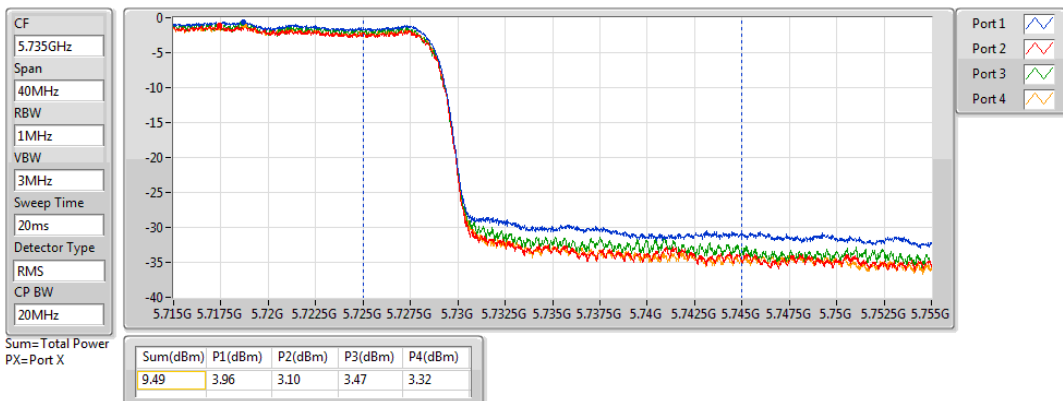


802.11ax HEW80_Nss4,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz

07/03/2019

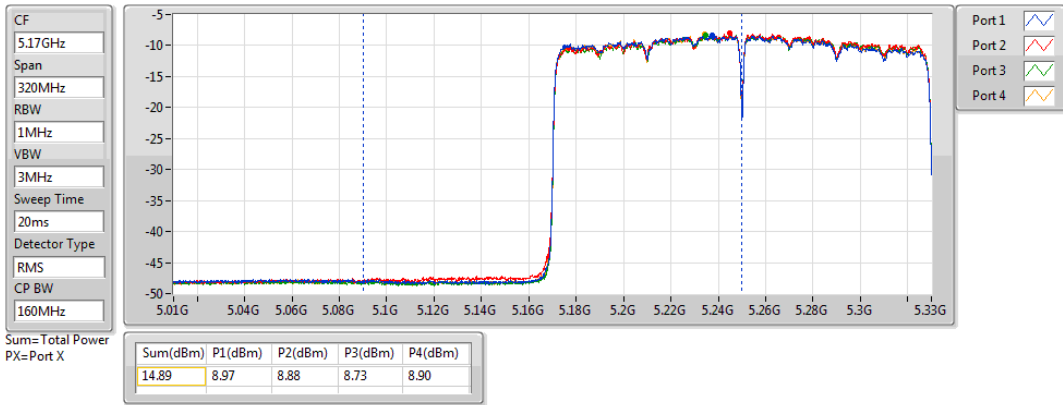


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.15-5.25GHz

08/03/2019

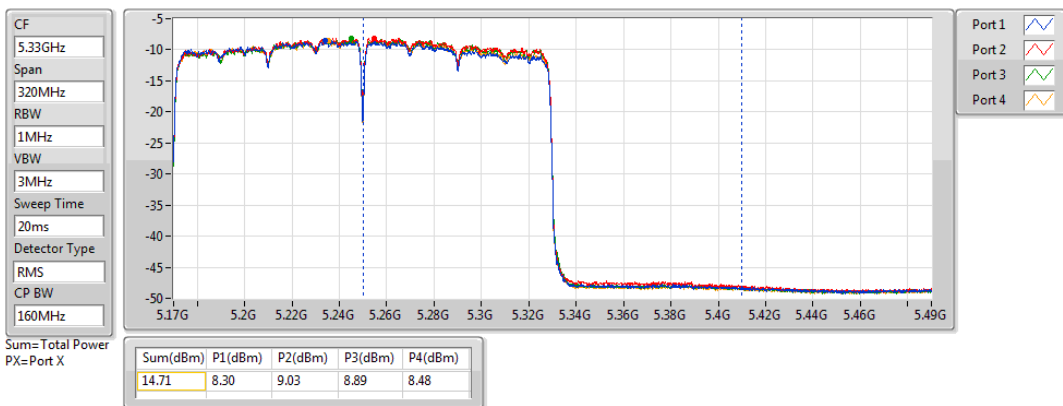


802.11ax HEW160_Nss4,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz

08/03/2019





Power Result_Radio 2

Appendix B.36

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

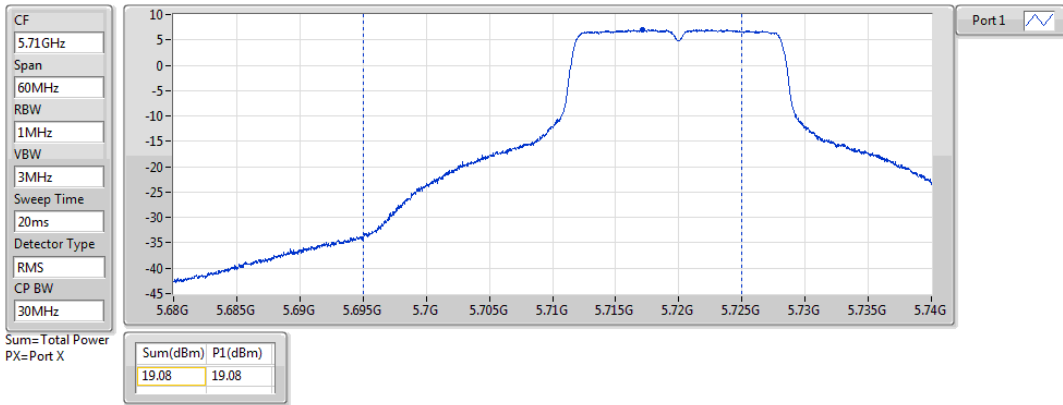
Note : Conducted setting = Pass conducted setting division 4

802.11a_Nss1,(6Mbps)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz

05/03/2019

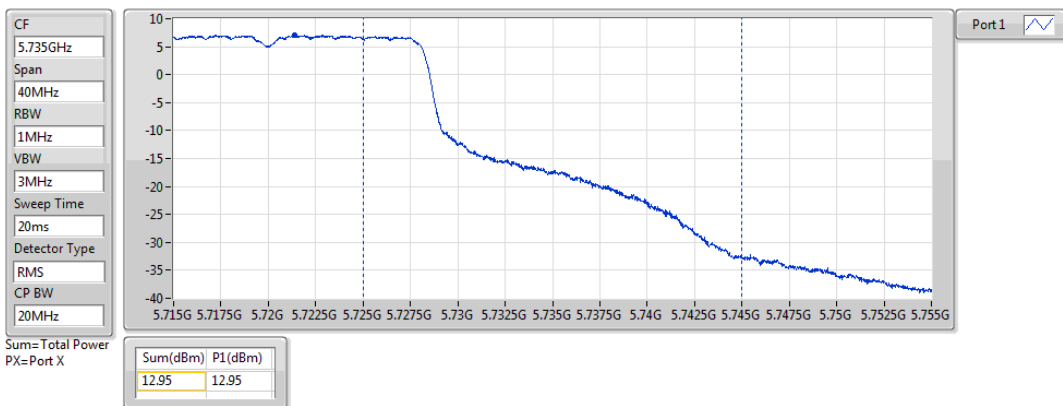


802.11a_Nss1,(6Mbps)_1TX

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

