Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	8.70	18.20	18.20	27.30	18.5
5200MHz	Pass	8.70	21.37	21.37	27.30	22.5
5240MHz	Pass	8.70	21.05	21.05	27.30	22
5745MHz	Pass	8.70	20.70	20.70	27.30	22.25
5785MHz	Pass	8.70	20.22	20.22	27.30	21.5
5825MHz	Pass	8.70	19.98	19.98	27.30	20.5
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5180MHz	Pass	8.70	17.85	17.85	27.30	17.75
5200MHz	Pass	8.70	21.22	21.22	27.30	21.75
5240MHz	Pass	8.70	20.52	20.52	27.30	21
5745MHz	Pass	8.70	21.26	21.26	27.30	22.75
5785MHz	Pass	8.70	20.75	20.75	27.30	21.75
5825MHz	Pass	8.70	20.69	20.69	27.30	21.25
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5190MHz	Pass	8.70	15.54	15.54	27.30	15.75
5230MHz	Pass	8.70	19.68	19.68	27.30	20
5755MHz	Pass	8.70	21.73	21.73	27.30	22.75
5795MHz	Pass	8.70	21.98	21.98	27.30	23.75
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-
5210MHz	Pass	8.70	15.80	15.80	27.30	15.75
5775MHz	Pass	8.70	19.49	19.49	27.30	19.25

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

Note : Conducted setting = Pass conducted setting division 4

For Non-beamforming / 2T2S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.54	0.22594
802.11ax HEW40_Nss2,(MCS0)_2TX	21.88	0.15417
802.11ax HEW80_Nss2,(MCS0)_2TX	17.77	0.05984
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	24.19	0.26242
802.11ax HEW40_Nss2,(MCS0)_2TX	23.57	0.22751
802.11ax HEW80_Nss2,(MCS0)_2TX	20.37	0.10889

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	-	-	-	-	-	-	-
5180MHz	Pass	8.70	16.44	16.31	19.39	27.30	16.5
5200MHz	Pass	8.70	19.84	19.83	22.85	27.30	20.25
5240MHz	Pass	8.70	20.68	20.37	23.54	27.30	21
5745MHz	Pass	8.70	21.14	21.21	24.19	27.30	22.75
5785MHz	Pass	8.70	20.09	20.94	23.55	27.30	21.75
5825MHz	Pass	8.70	20.14	20.67	23.42	27.30	21.25
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5190MHz	Pass	8.70	15.67	14.98	18.35	27.30	15.5
5230MHz	Pass	8.70	19.25	18.46	21.88	27.30	19
5755MHz	Pass	8.70	20.32	20.78	23.57	27.30	21
5795MHz	Pass	8.70	19.90	21.00	23.50	27.30	21
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-
5210MHz	Pass	8.70	14.89	14.63	17.77	27.30	15
5775MHz	Pass	8.70	17.03	17.66	20.37	27.30	17.5

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

Note : Conducted setting = Pass conducted setting division 4

For Non-beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.58	0.14388
802.11ax HEW20_Nss1,(MCS0)_4TX	22.31	0.17022
802.11ax HEW40_Nss1,(MCS0)_4TX	23.43	0.22029
802.11ax HEW80_Nss1,(MCS0)_4TX	18.84	0.07656
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	26.67	0.46452
802.11ax HEW20_Nss1,(MCS0)_4TX	27.23	0.52845
802.11ax HEW40_Nss1,(MCS0)_4TX	26.10	0.40738
802.11ax HEW80_Nss1,(MCS0)_4TX	21.80	0.15136

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	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70	14.75	13.58	14.25	13.85	20.15	27.30	14.5
5200MHz	Pass	8.70	15.86	15.29	16.00	15.01	21.58	27.30	16
5240MHz	Pass	8.70	16.10	15.56	15.33	15.05	21.55	27.30	16
5745MHz	Pass	8.70	20.77	20.61	20.21	20.99	26.67	27.30	22.25
5785MHz	Pass	8.70	19.82	20.25	20.09	20.70	26.25	27.30	21.5
5825MHz	Pass	8.70	19.51	19.68	19.74	20.16	25.80	27.30	20.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70	15.58	15.42	15.45	15.04	21.40	27.30	15.5
5200MHz	Pass	8.70	16.68	15.95	16.51	15.97	22.31	27.30	16.5
5240MHz	Pass	8.70	16.59	15.67	15.95	15.56	21.98	27.30	16.5
5745MHz	Pass	8.70	21.70	20.97	20.72	21.39	27.23	27.30	22.75
5785MHz	Pass	8.70	20.58	20.87	20.63	21.20	26.85	27.30	21.75
5825MHz	Pass	8.70	20.01	20.38	20.54	20.40	26.36	27.30	21.25
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.70	14.17	13.14	13.96	13.43	19.71	27.30	14
5230MHz	Pass	8.70	18.07	17.03	17.31	17.15	23.43	27.30	18
5755MHz	Pass	8.70	18.95	18.40	18.49	19.00	24.74	27.30	19
5795MHz	Pass	8.70	19.71	20.10	20.10	20.37	26.10	27.30	20.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.70	13.52	12.30	12.65	12.70	18.84	27.30	13.25
5775MHz	Pass	8.70	15.60	16.03	16.07	15.37	21.80	27.30	16

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

Note : Conducted setting = Pass conducted setting division 4

For Beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.12	0.12942
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.16	0.13062
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	19.66	0.09247
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.25	0.13335
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.26	0.13366
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.25	0.13335

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	-	-	-	-	-	-	-	-	-
5180MHz	Pass	14.72	14.19	14.42	15.15	14.06	20.50	21.28	13.25
5200MHz	Pass	14.72	14.95	14.78	16.02	14.50	21.12	21.28	14.25
5240MHz	Pass	14.72	14.82	14.60	16.17	14.48	21.09	21.28	14.25
5745MHz	Pass	14.72	15.16	15.23	15.47	14.88	21.21	21.28	14
5785MHz	Pass	14.72	14.79	15.13	15.60	15.24	21.22	21.28	14
5825MHz	Pass	14.72	15.18	15.43	15.35	14.96	21.25	21.28	14
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	14.72	13.36	13.25	13.42	12.84	19.24	21.28	12.25
5230MHz	Pass	14.72	15.54	14.92	15.49	14.54	21.16	21.28	14.5
5755MHz	Pass	14.72	14.49	15.20	15.33	15.83	21.26	21.28	13.5
5795MHz	Pass	14.72	14.28	15.11	15.10	15.85	21.14	21.28	13.25
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	14.72	13.81	13.58	13.66	13.52	19.66	21.28	12.75
5775MHz	Pass	14.72	14.79	15.64	15.39	15.05	21.25	21.28	13.75

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

For Non-beamforming / 4T4S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	26.40	0.43652
802.11ax HEW40_Nss4,(MCS0)_4TX	23.86	0.24322
802.11ax HEW80_Nss4,(MCS0)_4TX	17.64	0.05808
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	26.71	0.46881
802.11ax HEW40_Nss4,(MCS0)_4TX	25.77	0.37757
802.11ax HEW80_Nss4,(MCS0)_4TX	22.36	0.17219

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	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70	15.33	14.95	15.92	14.97	21.33	27.30	15.5
5200MHz	Pass	8.70	19.53	19.14	19.43	18.90	25.28	27.30	19.25
5240MHz	Pass	8.70	20.52	20.32	20.74	19.90	26.40	27.30	21
5745MHz	Pass	8.70	21.05	20.69	20.13	20.84	26.71	27.30	22.75
5785MHz	Pass	8.70	20.50	20.69	20.31	20.59	26.55	27.30	21.75
5825MHz	Pass	8.70	20.31	20.52	20.27	20.44	26.41	27.30	21.25
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.70	13.03	12.25	13.22	12.22	18.72	27.30	13.25
5230MHz	Pass	8.70	18.12	17.80	18.31	17.04	23.86	27.30	18
5755MHz	Pass	8.70	18.95	18.43	18.28	18.90	24.67	27.30	18.5
5795MHz	Pass	8.70	19.63	19.92	19.66	19.77	25.77	27.30	20
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.70	11.72	11.45	12.31	10.89	17.64	27.30	11.75
5775MHz	Pass	8.70	16.59	16.73	16.10	15.89	22.36	27.30	16.5

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

Note : Conducted setting = Pass conducted setting division 4

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	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.68	0.03698	18.68/20.94	0.07379/0.12417
802.11ax HEW20_Nss1,(MCS0)_1TX	15.72	0.03733	18.72/20.98	0.07447/0.12531
802.11ax HEW40_Nss1,(MCS0)_1TX	15.59	0.03622	18.59/20.85	0.07228/0.12162
802.11ax HEW80_Nss1,(MCS0)_1TX	15.53	0.03573	18.53/20.79	0.07129/0.11995

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
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00/5.26	15.57	15.57	30.00	18.57/20.83	36.00/21.00	16
5200MHz	Pass	3.00/5.06	15.61	15.61	30.00	18.61/20.87	36.00/21.00	16
5240MHz	Pass	3.00/5.26	15.68	15.68	30.00	18.68/20.94	36.00/21.00	16
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00/5.26	15.56	15.56	30.00	18.56/20.82	36.00/21.00	15.75
5200MHz	Pass	3.00/5.26	15.72	15.72	30.00	18.72/20.98	36.00/21.00	15.75
5240MHz	Pass	3.00/5.26	15.55	15.55	30.00	18.55/20.81	36.00/21.00	15.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00/5.26	15.54	15.54	30.00	18.54/20.80	36.00/21.00	15.75
5230MHz	Pass	3.00/5.26	15.59	15.59	30.00	18.59/20.85	36.00/21.00	15.5
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00/5.26	15.53	15.53	30.00	18.53/20.79	36.00/21.00	15.5

DG = Directional Gain;**Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix C.51 for Eevation angle higher than 30°.

For Non-beamforming / 2T2S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	15.72	0.03733	18.72/20.98	0.07447/0.12531
802.11ax HEW40_Nss2,(MCS0)_2TX	15.60	0.03631	18.60/20.86	0.07244/0.12190
802.11ax HEW80_Nss2,(MCS0)_2TX	15.72	0.03733	18.72/20.98	0.07447/0.12531

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 HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00/5.26	12.58	12.47	15.54	30.00	18.54/20.80	36.00/21.00	12.75
5200MHz	Pass	3.00/5.26	12.86	12.55	15.72	30.00	18.72/20.98	36.00/21.00	12.75
5240MHz	Pass	3.00/5.26	12.77	12.23	15.52	30.00	18.52/20.78	36.00/21.00	12.75
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00/5.26	12.72	12.39	15.57	30.00	18.57/20.83	36.00/21.00	12.75
5230MHz	Pass	3.00/5.26	12.75	12.43	15.60	30.00	18.60/20.86	36.00/21.00	12.75
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00/5.26	12.81	12.61	15.72	30.00	18.72/20.98	36.00/21.00	13

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.51 for Eevation angle higher than 30°.

For Non-beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	15.72	0.03733	18.72/20.98	0.07447/0.12531
802.11ax HEW20_Nss1,(MCS0)_4TX	15.70	0.03715	18.70/20.96	0.07413/0.12474
802.11ax HEW40_Nss1,(MCS0)_4TX	15.69	0.03707	18.69/20.95	0.07396/0.12445
802.11ax HEW80_Nss1,(MCS0)_4TX	15.63	0.03656	18.63/20.89	0.072950.12274

Result

Mode	Result	Directional Gain (Output Power) / Gain- Elevation 30° (dBi)	DG (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
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00/5.26	3.00	9.50	9.22	9.95	9.69	15.62	30.00	18.62/20.88	36.00/21.00	10
5200MHz	Pass	3.00/5.26	3.00	9.96	9.08	9.76	9.47	15.60	30.00	18.60/20.86	36.00/21.00	10
5240MHz	Pass	3.00/5.26	3.00	10.03	9.53	9.82	9.39	15.72	30.00	18.72/20.98	36.00/21.00	10.25
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00/5.26	3.00	10.01	9.34	9.88	9.46	15.70	30.00	18.70/20.96	36.00/21.00	10
5200MHz	Pass	3.00/5.26	3.00	9.97	9.42	9.36	9.52	15.59	30.00	18.59/20.85	36.00/21.00	10
5240MHz	Pass	3.00/5.26	3.00	9.91	9.26	9.62	9.29	15.55	30.00	18.55/20.81	36.00/21.00	10
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00/5.26	3.00	9.99	9.17	9.39	9.49	15.54	30.00	18.54/20.80	36.00/21.00	10
5230MHz	Pass	3.00/5.26	3.00	10.13	9.31	9.90	9.29	15.69	30.00	18.69/20.95	36.00/21.00	10
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00/5.26	3.00	9.98	9.16	9.70	9.56	15.63	30.00	18.63/20.89	36.00/21.00	10

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.51 for Eevation angle higher than 30°.

For Beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.70	0.00933	18.72/20.98	0.07447/0.12531
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	9.69	0.00931	18.71/20.97	0.07430/0.12503
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	9.60	0.00912	18.62/20.88	0.07278/0.12246

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 HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02 / 11.28	3.06	3.87	4.42	3.21	9.70	26.98	18.72/20.98	36.00/21.00	3
5200MHz	Pass	9.02 / 11.28	3.04	3.65	4.49	3.26	9.67	26.98	18.69/20.95	36.00/21.00	3
5240MHz	Pass	9.02 / 11.28	3.15	3.42	4.53	2.81	9.55	26.98	18.57/20.83	36.00/21.00	3
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.02 / 11.28	3.61	3.78	4.02	3.25	9.69	26.98	18.71/20.97	36.00/21.00	3
5230MHz	Pass	9.02 / 11.28	3.72	3.55	4.04	2.86	9.58	26.98	18.60/20.86	36.00/21.00	3
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.02 / 11.28	3.39	3.53	3.79	3.59	9.60	26.98	18.62/20.88	36.00/21.00	3

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.51 for Eevation angle higher than 30°.

For Non-beamforming / 4T4S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	15.66	0.03681	18.66/20.92	0.07345/0.12359
802.11ax HEW40_Nss4,(MCS0)_4TX	15.72	0.03733	18.72/20.98	0.07447/0.12531
802.11ax HEW80_Nss4,(MCS0)_4TX	15.55	0.03589	18.55/20.81	0.07161/0.12050

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 HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00/5.26	9.61	9.31	9.81	9.34	15.54	30.00	18.54/20.80	36.00/21.00	9.75
5200MHz	Pass	3.00/5.26	9.93	9.17	9.77	9.38	15.59	30.00	18.59/20.85	36.00/21.00	9.75
5240MHz	Pass	3.00/5.26	9.98	9.39	9.76	9.41	15.66	30.00	18.66/20.92	36.00/21.00	10
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00/5.26	9.70	9.46	9.92	9.35	15.63	30.00	18.63/20.89	36.00/21.00	10
5230MHz	Pass	3.00/5.26	10.11	9.69	9.87	9.05	15.72	30.00	18.72/20.98	36.00/21.00	10
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00/5.26	9.76	9.39	9.71	9.23	15.55	30.00	18.55/20.81	36.00/21.00	10

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.51 for Eevation angle higher than 30°.

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	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	21.66	0.14655	27.66/15.61	0.58345/0.03639
802.11ax HEW20_Nss1,(MCS0)_1TX	21.40	0.13804	27.40/15.35	0.54954/0.03428
802.11ax HEW40_Nss1,(MCS0)_1TX	19.20	0.08318	25.20/13.15	0.33113/0.02065
802.11ax HEW80_Nss1,(MCS0)_1TX	15.14	0.03266	21.14/9.09	0.13002/0.00811

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
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00/-6.05	17.53	17.53	30.00	23.53/11.48	36.00/21.00	17.75
5200MHz	Pass	6.00/-6.05	21.23	21.23	30.00	27.23/15.18	36.00/21.00	22
5240MHz	Pass	6.00/-6.05	21.66	21.66	30.00	27.66/15.61	36.00/21.00	22.5
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00/-6.05	17.00	17.00	30.00	23.00/10.95	36.00/21.00	17.25
5200MHz	Pass	6.00/-6.05	20.84	20.84	30.00	26.84/14.79	36.00/21.00	21.5
5240MHz	Pass	6.00/-6.05	21.40	21.40	30.00	27.40/15.35	36.00/21.00	22
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.00/-6.05	15.54	15.54	30.00	21.54/9.49	36.00/21.00	15.75
5230MHz	Pass	6.00/-6.05	19.20	19.20	30.00	25.20/13.15	36.00/21.00	19.25
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.00/-6.05	15.14	15.14	30.00	21.14/9.09	36.00/21.00	15.25

DG = Directional Gain;**Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix C.57 for Eevation angle higher than 30°.

For Non-beamforming / 2T2S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	24.42	0.27669	30.42/18.37	1.10154/0.06871
802.11ax HEW40_Nss2,(MCS0)_2TX	21.69	0.14757	27.69/15.64	0.58749/0.03664
802.11ax HEW80_Nss2,(MCS0)_2TX	16.97	0.04977	22.97/10.92	0.19815/0.01236

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 HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00/-6.05	16.42	16.05	19.25	30.00	25.25/13.20	36.00/21.00	16.25
5200MHz	Pass	6.00/-6.05	19.82	19.39	22.62	30.00	28.62/16.57	36.00/21.00	20
5240MHz	Pass	6.00/-6.05	21.53	21.29	24.42	30.00	30.42/18.37	36.00/21.00	22
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.00/-6.05	14.91	15.05	17.99	30.00	23.99/11.94	36.00/21.00	15.25
5230MHz	Pass	6.00/-6.05	18.85	18.51	21.69	30.00	27.69/15.64	36.00/21.00	18.75
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.00/-6.05	14.38	13.49	16.97	30.00	22.97/10.92	36.00/21.00	14.5

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.57 for Eevation angle higher than 30°.

For Non-beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	24.48	0.28054	30.48/18.43	1.11686/0.06966
802.11ax HEW20_Nss1,(MCS0)_4TX	25.09	0.32285	31.09/19.04	1.28529/0.08017
802.11ax HEW40_Nss1,(MCS0)_4TX	23.08	0.20324	29.08/17.03	0.80910/0.05047
802.11ax HEW80_Nss1,(MCS0)_4TX	18.44	0.06982	24.44/12.39	0.27797/0.01734

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
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00/-6.05	14.96	14.16	14.54	14.23	20.50	30.00	26.50/14.45	36.00/21.00	14.75
5200MHz	Pass	6.00/-6.05	18.39	18.57	18.69	17.82	24.40	30.00	30.40/18.35	36.00/21.00	18.75
5240MHz	Pass	6.00-6.05	18.67	18.23	18.77	18.13	24.48	30.00	30.48/18.43	36.00/21.00	19
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00/-6.05	15.58	15.42	15.45	15.04	21.40	30.00	27.40/15.35	36.00/21.00	15.5
5200MHz	Pass	6.00/-6.05	19.09	19.08	19.31	18.76	25.09	30.00	31.09/19.04	36.00/21.00	19.5
5240MHz	Pass	6.00/-6.05	19.13	18.70	19.33	18.51	24.95	30.00	30.95/18.90	36.00/21.00	19.25
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.00/-6.05	13.37	12.83	13.00	12.31	18.91	30.00	24.91/12.86	36.00/21.00	13.25
5230MHz	Pass	6.00/-6.05	17.25	16.88	17.25	16.84	23.08	30.00	29.08/17.03	36.00/21.00	17.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.00/-6.05	12.73	12.02	12.84	12.00	18.44	30.00	24.44/12.39	36.00/21.00	13

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.57 for Eevation angle higher than 30°.

For Beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.81	0.12050	32.83/20.78	1.91867/0.11967
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.83	0.12106	32.85/20.80	1.92752/0.12023
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	19.20	0.08318	31.22/19.17	1.32434/0.08260

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 HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	12.02/-0.03	13.74	13.96	14.71	13.56	20.04	23.98	32.06/20.01	36.00/21.00	12.75
5200MHz	Pass	12.02/-0.03	14.27	15.19	15.15	14.44	20.80	23.98	32.82/20.77	36.00/21.00	13.5
5240MHz	Pass	12.02/-0.03	14.30	15.21	15.09	14.47	20.81	23.98	32.83/20.78	36.00/21.00	13.5
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	12.02/-0.03	12.69	12.64	12.71	12.14	18.57	23.98	30.59/18.54	36.00/21.00	11.5
5230MHz	Pass	12.02/-0.03	14.59	15.06	15.03	14.54	20.83	23.98	32.85/20.80	36.00/21.00	13.75
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	12.02/-0.03	13.38	13.13	13.13	13.06	19.20	23.98	31.22/19.17	36.00/21.00	12.25

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.57 for Eevation angle higher than 30°.

For Non-beamforming / 4T4S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	27.00	0.50119	33.00/20.95	1.99526/0.1245
802.11ax HEW40_Nss4,(MCS0)_4TX	22.34	0.17140	28.34/16.29	0.68234/0.0426
802.11ax HEW80_Nss4,(MCS0)_4TX	15.80	0.03802	21.80/9.75	0.15136/0.0094

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 HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00/-6.05	15.08	14.97	15.68	14.69	21.14	30.00	27.14/15.09	36.00/21.00	15.25
5200MHz	Pass	6.00/-6.05	18.79	18.23	18.90	18.27	24.58	30.00	30.58/18.53	36.00/21.00	18.75
5240MHz	Pass	6.00/-6.05	21.17	20.93	21.09	20.73	27.00	30.00	33.00/20.95	36.00/21.00	21.75
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.00/-6.05	13.03	12.25	13.22	12.22	18.72	30.00	24.72/12.67	36.00/21.00	13.25
5230MHz	Pass	6.00/-6.05	16.35	16.16	16.55	16.20	22.34	30.00	28.34/16.29	36.00/21.00	16.75
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.00/-6.05	10.10	9.62	9.92	9.44	15.80	30.00	21.80/9.75	36.00/21.00	10.25

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.57 for Eevation angle higher than 30°.

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	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	13.04	0.02014	21.74/20.94	0.14928/0.12417
802.11ax HEW20_Nss1,(MCS0)_1TX	13.06	0.02023	21.76/20.96	0.14997/0.12474
802.11ax HEW40_Nss1,(MCS0)_1TX	13.07	0.02028	21.77/20.97	0.15031/0.12503
802.11ax HEW80_Nss1,(MCS0)_1TX	12.95	0.01972	21.65/20.85	0.14622/0.12162

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
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70/7.90	13.01	13.01	27.30	21.71/20.91	36.00/21.00	13.25
5200MHz	Pass	8.70/7.90	12.96	12.96	27.30	21.66/20.86	36.00/21.00	13.25
5240MHz	Pass	8.70/7.90	13.04	13.04	27.30	21.74/20.94	36.00/21.00	13.25
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70/7.90	13.06	13.06	27.30	21.76/20.96	36.00/21.00	13
5200MHz	Pass	8.70/7.90	13.03	13.03	27.30	21.73/20.93	36.00/21.00	13
5240MHz	Pass	8.70/7.90	12.93	12.93	27.30	21.63/20.83	36.00/21.00	12.75
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.70/7.90	12.89	12.89	27.30	21.59/20.79	36.00/21.00	13
5230MHz	Pass	8.70/7.90	13.07	13.07	27.30	21.77/20.97	36.00/21.00	13
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.70/7.90	12.95	12.95	27.30	21.65/20.85	36.00/21.00	13

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.63 for Eevation angle higher than 30°.

For Non-beamforming / 2T2S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	13.03	0.02009	21.73/20.93	0.14894/0.12388
802.11ax HEW40_Nss2,(MCS0)_2TX	13.02	0.02004	21.72/20.92	0.14859/0.12359
802.11ax HEW80_Nss2,(MCS0)_2TX	12.97	0.01982	21.67/20.87	0.14689/0.12218

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 HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70/7.90	10.28	9.46	12.90	27.30	21.60/20.80	36.00/21.00	10.25
5200MHz	Pass	8.70/7.90	10.43	9.45	12.98	27.30	21.68/20.88	36.00/21.00	10.25
5240MHz	Pass	8.70/7.90	10.43	9.56	13.03	27.30	21.73/20.93	36.00/21.00	10.25
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.70/7.90	10.35	9.63	13.02	27.30	21.72/20.92	36.00/21.00	10.25
5230MHz	Pass	8.70/7.90	10.25	9.66	12.98	27.30	21.68/20.88	36.00/21.00	10.25
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.70/7.90	10.31	9.57	12.97	27.30	21.67/20.87	36.00/21.00	10.25

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.63 for Eevation angle higher than 30°.

For Non-beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	12.93	0.01963	21.63/20.83	0.14555/0.12106
802.11ax HEW20_Nss1,(MCS0)_4TX	12.97	0.01982	21.67/20.87	0.14689/0.12218
802.11ax HEW40_Nss1,(MCS0)_4TX	13.06	0.02023	21.76/20.96	0.14997/0.12474
802.11ax HEW80_Nss1,(MCS0)_4TX	12.97	0.01982	21.67/20.87	0.14689/0.12218

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
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70/7.90	6.74	6.41	7.38	6.97	12.91	27.30	21.61/20.81	36.00/21.00	7.25
5200MHz	Pass	8.70/7.90	7.04	6.40	7.09	7.03	12.92	27.30	21.62/20.82	36.00/21.00	7.25
5240MHz	Pass	8.70/7.90	7.16	6.53	7.30	6.60	12.93	27.30	21.63/20.83	36.00/21.00	7.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70/7.90	7.05	6.52	7.40	6.65	12.94	27.30	21.64/20.84	36.00/21.00	7
5200MHz	Pass	8.70/7.90	7.34	6.59	6.96	6.87	12.97	27.30	21.67/20.87	36.00/21.00	7
5240MHz	Pass	8.70/7.90	7.08	6.35	6.95	7.05	12.89	27.30	21.59/20.79	36.00/21.00	7
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.70/7.90	6.95	6.32	7.52	6.63	12.90	27.30	21.60/20.80	36.00/21.00	7
5230MHz	Pass	8.70/7.90	7.51	6.23	7.46	6.85	13.06	27.30	21.76/20.96	36.00/21.00	7.25
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.70/7.90	7.32	6.39	7.27	6.74	12.97	27.30	21.67/20.87	36.00/21.00	7

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.63 for Eevation angle higher than 30°.

For Beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	6.91	0.00491	21.63/20.83	0.14555/0.12106
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.00	0.00501	21.72/20.92	0.14859/0.12359
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	6.93	0.00493	21.65/20.85	0.14622/0.12162

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 HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	14.72 /13.92	0.63	0.54	1.66	0.64	6.91	21.28	21.63/20.83	36.00/21.00	0.25
5200MHz	Pass	14.72 /13.92	0.47	0.21	1.52	1.12	6.88	21.28	21.60/20.80	36.00/21.00	0.25
5240MHz	Pass	14.72 /13.92	0.75	0.47	1.26	0.88	6.87	21.28	21.59/20.79	36.00/21.00	0.25
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	14.72 /13.92	0.52	0.71	1.50	1.08	6.99	21.28	21.71/20.91	36.00/21.00	0.25
5230MHz	Pass	14.72 /13.92	0.93	0.36	1.45	1.10	7.00	21.28	21.72/20.92	36.00/21.00	0.25
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	14.72 /13.92	0.65	0.38	1.68	0.82	6.93	21.28	21.65/20.85	36.00/21.00	0.25

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.63 for Eevation angle higher than 30°.

For Non-beamforming / 4T4S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	13.07	0.02028	21.77/20.97	0.15031/0.12503
802.11ax HEW40_Nss4,(MCS0)_4TX	13.01	0.02000	21.71/20.91	0.14825/0.12331
802.11ax HEW80_Nss4,(MCS0)_4TX	13.02	0.02004	21.72/20.92	0.14859/0.12359

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 HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70/7.90	7.25	6.51	7.45	6.92	13.07	27.30	21.77/20.97	36.00/21.00	7.25
5200MHz	Pass	8.70/7.90	7.12	6.53	7.52	6.91	13.06	27.30	21.76/20.96	36.00/21.00	7.25
5240MHz	Pass	8.70/7.90	7.09	6.49	7.54	7.02	13.07	27.30	21.77/20.97	36.00/21.00	7.25
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.70/7.90	7.08	6.45	7.31	7.06	13.01	27.30	21.71/20.91	36.00/21.00	7.25
5230MHz	Pass	8.70/7.90	7.29	6.34	7.54	6.52	12.97	27.30	21.67/20.87	36.00/21.00	7.25
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.70/7.90	7.07	6.45	7.37	7.04	13.02	27.30	21.72/20.92	36.00/21.00	7.25

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

For Radio 2:
For Indoor use for 5G Band 1 and Indoor/Outdoor use for 5G Band 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	-	-
802.11a_Nss1,(6Mbps)_1TX	21.02	0.12647
802.11ax HEW20_Nss1,(MCS0)_1TX	21.38	0.13740
802.11ax HEW40_Nss1,(MCS0)_1TX	20.32	0.10765
802.11ax HEW80_Nss1,(MCS0)_1TX	15.96	0.03945
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	21.98	0.15776
802.11ax HEW20_Nss1,(MCS0)_1TX	22.92	0.19588
802.11ax HEW40_Nss1,(MCS0)_1TX	22.03	0.15959
802.11ax HEW80_Nss1,(MCS0)_1TX	20.01	0.10023

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	3.00	17.69	17.69	30.00	16.75
5200MHz	Pass	3.00	21.02	21.02	30.00	20
5240MHz	Pass	3.00	20.08	20.08	30.00	18.75
5745MHz	Pass	3.00	21.13	21.13	30.00	19.5
5785MHz	Pass	3.00	21.79	21.79	30.00	21
5825MHz	Pass	3.00	21.98	21.98	30.00	21.25
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	
5180MHz	Pass	3.00	17.03	17.03	30.00	16
5200MHz	Pass	3.00	21.38	21.38	30.00	20.5
5240MHz	Pass	3.00	20.55	20.55	30.00	19
5745MHz	Pass	3.00	22.14	22.14	30.00	21.5
5785MHz	Pass	3.00	22.91	22.91	30.00	23
5825MHz	Pass	3.00	22.92	22.92	30.00	22.75
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	
5190MHz	Pass	3.00	15.95	15.95	30.00	14.5
5230MHz	Pass	3.00	20.32	20.32	30.00	18.5
5755MHz	Pass	3.00	21.99	21.99	30.00	20.25
5795MHz	Pass	3.00	22.03	22.03	30.00	20.25
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	
5210MHz	Pass	3.00	15.96	15.96	30.00	14.75
5775MHz	Pass	3.00	20.01	20.01	30.00	17.75

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

Note : Conducted setting = Pass conducted setting division 4

For Non-beamforming / 2T2S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.43	0.22029
802.11ax HEW40_Nss2,(MCS0)_2TX	22.36	0.17219
802.11ax HEW80_Nss2,(MCS0)_2TX	16.59	0.04560
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	25.55	0.35892
802.11ax HEW40_Nss2,(MCS0)_2TX	25.13	0.32584
802.11ax HEW80_Nss2,(MCS0)_2TX	20.77	0.11940

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	-	-	-	-	-	-	-
5180MHz	Pass	3.00	14.88	15.76	18.35	30.00	14.25
5200MHz	Pass	3.00	20.25	20.23	23.25	30.00	19
5240MHz	Pass	3.00	20.35	20.48	23.43	30.00	19
5745MHz	Pass	3.00	22.15	21.45	24.82	30.00	21.5
5785MHz	Pass	3.00	22.82	22.21	25.54	30.00	23
5825MHz	Pass	3.00	22.76	22.31	25.55	30.00	22.75
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	
5190MHz	Pass	3.00	14.84	14.59	17.73	30.00	13.25
5230MHz	Pass	3.00	19.71	18.95	22.36	30.00	17.5
5755MHz	Pass	3.00	21.44	20.19	23.87	30.00	19.75
5795MHz	Pass	3.00	22.47	21.73	25.13	30.00	21.25
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	
5210MHz	Pass	3.00	13.34	13.80	16.59	30.00	12.5
5775MHz	Pass	3.00	18.15	17.32	20.77	30.00	16.25

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

Note : Conducted setting = Pass conducted setting division 4

For Non-beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	26.54	0.45082
802.11ax HEW20_Nss1,(MCS0)_4TX	26.17	0.41400
802.11ax HEW40_Nss1,(MCS0)_4TX	23.72	0.23550
802.11ax HEW80_Nss1,(MCS0)_4TX	18.80	0.07586
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.89	0.61518
802.11ax HEW20_Nss1,(MCS0)_4TX	28.58	0.72111
802.11ax HEW40_Nss1,(MCS0)_4TX	25.36	0.34356
802.11ax HEW80_Nss1,(MCS0)_4TX	22.93	0.19634

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	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	16.43	17.24	16.58	16.47	22.71	30.00	15.5
5200MHz	Pass	3.00	20.42	20.54	20.63	20.47	26.54	30.00	19.5
5240MHz	Pass	3.00	19.97	19.79	19.92	19.80	25.89	30.00	18.75
5745MHz	Pass	3.00	20.89	20.34	20.91	20.60	26.71	30.00	19.5
5785MHz	Pass	3.00	21.59	21.35	22.01	21.47	27.63	30.00	21
5825MHz	Pass	3.00	22.03	21.73	22.09	21.60	27.89	30.00	21.25
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5180MHz	Pass	3.00	14.53	15.34	14.91	14.92	20.96	30.00	13.75
5200MHz	Pass	3.00	18.90	18.86	19.12	18.96	24.98	30.00	17.75
5240MHz	Pass	3.00	20.11	20.02	20.29	20.17	26.17	30.00	19
5745MHz	Pass	3.00	22.26	21.44	22.06	21.85	27.93	30.00	21.5
5785MHz	Pass	3.00	22.71	22.29	22.84	22.37	28.58	30.00	23
5825MHz	Pass	3.00	22.62	22.10	22.67	22.38	28.47	30.00	22.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5190MHz	Pass	3.00	13.21	13.78	14.00	13.45	19.64	30.00	12.5
5230MHz	Pass	3.00	17.36	17.67	18.22	17.49	23.72	30.00	16.25
5755MHz	Pass	3.00	19.49	18.65	18.83	19.12	25.05	30.00	17
5795MHz	Pass	3.00	19.98	18.65	19.36	19.26	25.36	30.00	17.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5210MHz	Pass	3.00	12.78	12.66	13.04	12.61	18.80	30.00	11.5
5775MHz	Pass	3.00	17.50	16.53	16.85	16.69	22.93	30.00	15

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

Note : Conducted setting = Pass conducted setting division 4

For Beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	25.87	0.38637
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	24.57	0.28642
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.61	0.11508
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	26.92	0.49204
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	26.59	0.45604
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	23.09	0.20370

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	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	14.51	15.37	15.45	16.04	21.40	26.98	14.5
5200MHz	Pass	9.02	19.08	19.24	19.58	20.39	25.62	26.98	18.75
5240MHz	Pass	9.02	19.74	19.30	19.88	20.42	25.87	26.98	19
5745MHz	Pass	9.02	21.08	20.49	20.99	20.93	26.90	26.98	20.75
5785MHz	Pass	9.02	21.16	20.62	20.91	20.89	26.92	26.98	20.75
5825MHz	Pass	9.02	21.26	20.59	20.88	20.78	26.91	26.98	20.75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.02	13.71	14.97	14.70	14.07	20.41	26.98	13.25
5230MHz	Pass	9.02	18.27	18.76	18.62	18.55	24.57	26.98	17.25
5755MHz	Pass	9.02	19.80	19.20	19.55	19.45	25.53	26.98	18.25
5795MHz	Pass	9.02	21.12	20.25	20.58	20.26	26.59	26.98	19.75
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.02	14.26	14.36	14.72	14.97	20.61	26.98	13.75
5775MHz	Pass	9.02	17.29	17.38	16.83	16.74	23.09	26.98	15.75

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

Note : Conducted setting = Pass conducted setting division 4

For Non-beamforming / 4T4S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	26.24	0.42073
802.11ax HEW40_Nss4,(MCS0)_4TX	23.66	0.23227
802.11ax HEW80_Nss4,(MCS0)_4TX	18.98	0.07907
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	28.43	0.69663
802.11ax HEW40_Nss4,(MCS0)_4TX	26.91	0.49091
802.11ax HEW80_Nss4,(MCS0)_4TX	23.30	0.21380

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	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	14.43	15.19	15.07	14.67	20.87	30.00	14
5200MHz	Pass	3.00	18.79	19.22	19.43	19.10	25.16	30.00	18
5240MHz	Pass	3.00	20.39	20.24	20.17	20.08	26.24	30.00	19
5745MHz	Pass	3.00	22.31	21.48	21.84	21.68	27.86	30.00	21.5
5785MHz	Pass	3.00	22.54	22.18	22.66	22.25	28.43	30.00	23
5825MHz	Pass	3.00	22.45	22.00	22.54	22.47	28.39	30.00	22.75
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5190MHz	Pass	3.00	12.97	13.81	13.42	12.85	19.30	30.00	12.25
5230MHz	Pass	3.00	17.54	17.81	18.10	17.06	23.66	30.00	16.25
5755MHz	Pass	3.00	20.83	19.43	20.45	20.04	26.24	30.00	18.5
5795MHz	Pass	3.00	21.28	20.25	21.09	20.86	26.91	30.00	19.5
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5210MHz	Pass	3.00	12.54	13.19	13.34	12.73	18.98	30.00	12
5775MHz	Pass	3.00	18.02	16.61	17.45	16.91	23.30	30.00	15.75

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

Note : Conducted setting = Pass conducted setting division 4

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	-	-
802.11a_Nss1,(6Mbps)_1TX	18.89	0.07745
802.11ax HEW20_Nss1,(MCS0)_1TX	19.29	0.08492
802.11ax HEW40_Nss1,(MCS0)_1TX	19.13	0.08185
802.11ax HEW80_Nss1,(MCS0)_1TX	15.21	0.03319
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	20.95	0.12445
802.11ax HEW20_Nss1,(MCS0)_1TX	21.50	0.14125
802.11ax HEW40_Nss1,(MCS0)_1TX	21.76	0.14997
802.11ax HEW80_Nss1,(MCS0)_1TX	19.08	0.08091

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	6.00	17.38	17.38	30.00	16.5
5200MHz	Pass	6.00	18.77	18.77	30.00	17.5
5240MHz	Pass	6.00	18.89	18.89	30.00	17.5
5745MHz	Pass	6.00	20.40	20.40	30.00	18.75
5785MHz	Pass	6.00	20.95	20.95	30.00	19.75
5825MHz	Pass	6.00	20.48	20.48	30.00	18.75
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	
5180MHz	Pass	6.00	16.67	16.67	30.00	15.75
5200MHz	Pass	6.00	19.24	19.24	30.00	18
5240MHz	Pass	6.00	19.29	19.29	30.00	18
5745MHz	Pass	6.00	20.99	20.99	30.00	19.75
5785MHz	Pass	6.00	21.50	21.50	30.00	20.25
5825MHz	Pass	6.00	20.01	20.01	30.00	18
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	
5190MHz	Pass	6.00	15.47	15.47	30.00	14
5230MHz	Pass	6.00	19.13	19.13	30.00	17.5
5755MHz	Pass	6.00	21.52	21.52	30.00	19.75
5795MHz	Pass	6.00	21.76	21.76	30.00	19.75
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	
5210MHz	Pass	6.00	15.21	15.21	30.00	14
5775MHz	Pass	6.00	19.08	19.08	30.00	16.75

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

Note : Conducted setting = Pass conducted setting division 4

For Non-beamforming / 2T2S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	22.66	0.18450
802.11ax HEW40_Nss2,(MCS0)_2TX	21.39	0.13772
802.11ax HEW80_Nss2,(MCS0)_2TX	15.96	0.03945
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	24.27	0.26730
802.11ax HEW40_Nss2,(MCS0)_2TX	24.20	0.26303
802.11ax HEW80_Nss2,(MCS0)_2TX	20.28	0.10666

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	-	-	-	-	-	-	
5180MHz	Pass	6.00	14.43	15.29	17.89	30.00	13.75
5200MHz	Pass	6.00	19.24	19.20	22.23	30.00	18
5240MHz	Pass	6.00	19.73	19.57	22.66	30.00	18
5745MHz	Pass	6.00	20.91	20.56	23.75	30.00	19.75
5785MHz	Pass	6.00	21.46	21.04	24.27	30.00	20.25
5825MHz	Pass	6.00	19.98	19.33	22.68	30.00	18
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	
5190MHz	Pass	6.00	13.70	14.00	16.86	30.00	12.5
5230MHz	Pass	6.00	18.41	18.35	21.39	30.00	16.75
5755MHz	Pass	6.00	20.71	19.47	23.14	30.00	18.25
5795MHz	Pass	6.00	21.71	20.60	24.20	30.00	20
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	
5210MHz	Pass	6.00	12.72	13.16	15.96	30.00	11.75
5775MHz	Pass	6.00	17.52	17.00	20.28	30.00	15.25

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

Note : Conducted setting = Pass conducted setting division 4

For Non-beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	24.19	0.26242
802.11ax HEW20_Nss1,(MCS0)_4TX	24.18	0.26182
802.11ax HEW40_Nss1,(MCS0)_4TX	22.63	0.18323
802.11ax HEW80_Nss1,(MCS0)_4TX	16.64	0.04613
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	26.90	0.48978
802.11ax HEW20_Nss1,(MCS0)_4TX	27.20	0.52481
802.11ax HEW40_Nss1,(MCS0)_4TX	26.05	0.40272
802.11ax HEW80_Nss1,(MCS0)_4TX	21.44	0.13932

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	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00	13.15	13.78	13.44	13.54	19.50	30.00	12.5
5200MHz	Pass	6.00	17.89	18.34	18.16	18.26	24.19	30.00	16.75
5240MHz	Pass	6.00	17.32	17.49	17.64	17.84	23.60	30.00	16.5
5745MHz	Pass	6.00	20.26	19.84	20.09	20.05	26.08	30.00	18.75
5785MHz	Pass	6.00	21.05	20.57	21.29	20.56	26.90	30.00	19.75
5825MHz	Pass	6.00	20.53	20.09	20.28	20.06	26.26	30.00	18.75
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5180MHz	Pass	6.00	12.73	13.96	13.37	13.58	19.45	30.00	12.5
5200MHz	Pass	6.00	17.64	17.82	17.92	17.89	23.84	30.00	16.5
5240MHz	Pass	6.00	17.85	18.37	18.19	18.22	24.18	30.00	16.75
5745MHz	Pass	6.00	21.07	20.55	20.95	20.75	26.86	30.00	19.75
5785MHz	Pass	6.00	21.22	20.88	21.36	21.25	27.20	30.00	20.25
5825MHz	Pass	6.00	19.74	19.47	19.69	19.34	25.58	30.00	18
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5190MHz	Pass	6.00	10.32	10.55	11.07	10.07	16.54	30.00	9.5
5230MHz	Pass	6.00	16.35	16.84	16.92	16.29	22.63	30.00	15
5755MHz	Pass	6.00	19.23	18.41	18.58	18.87	24.80	30.00	16.75
5795MHz	Pass	6.00	20.51	19.47	19.92	20.17	26.05	30.00	18.25
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5210MHz	Pass	6.00	10.07	11.06	10.98	10.27	16.64	30.00	9.5
5775MHz	Pass	6.00	15.85	15.05	15.47	15.27	21.44	30.00	13.5

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

Note : Conducted setting = Pass conducted setting division 4

For Beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.79	0.23933
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.54	0.22594
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	19.34	0.08590
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	23.95	0.24831
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	23.97	0.24946
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.93	0.15596

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	-	-	-	-	-	-	-	-	-
5180MHz	Pass	12.02	14.06	14.80	14.87	15.62	20.89	23.98	14
5200MHz	Pass	12.02	16.87	17.13	17.96	18.56	23.70	23.98	16.5
5240MHz	Pass	12.02	17.59	17.45	17.85	18.17	23.79	23.98	16.5
5745MHz	Pass	12.02	17.77	18.27	17.98	17.67	23.95	23.98	16.75
5785MHz	Pass	12.02	17.94	17.98	18.10	17.67	23.95	23.98	16.75
5825MHz	Pass	12.02	18.19	17.75	18.05	17.52	23.91	23.98	16.75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5190MHz	Pass	12.02	12.51	13.44	13.70	12.82	19.16	23.98	12
5230MHz	Pass	12.02	17.28	17.54	17.59	17.64	23.54	23.98	16.25
5755MHz	Pass	12.02	18.26	18.42	17.63	17.27	23.94	23.98	16.25
5795MHz	Pass	12.02	18.21	18.27	17.88	17.39	23.97	23.98	16.25
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5210MHz	Pass	12.02	12.56	13.59	13.72	13.30	19.34	23.98	12.5
5775MHz	Pass	12.02	16.10	16.33	15.63	15.54	21.93	23.98	14.5

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

Note : Conducted setting = Pass conducted setting division 4

For Non-beamforming / 4T4S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	25.15	0.32734
802.11ax HEW40_Nss4,(MCS0)_4TX	22.39	0.17338
802.11ax HEW80_Nss4,(MCS0)_4TX	16.37	0.04335
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	27.06	0.50816
802.11ax HEW40_Nss4,(MCS0)_4TX	26.00	0.39811
802.11ax HEW80_Nss4,(MCS0)_4TX	21.83	0.15241

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	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00	13.22	13.86	13.75	13.93	19.72	30.00	12.75
5200MHz	Pass	6.00	17.56	17.47	17.80	17.72	23.66	30.00	16.5
5240MHz	Pass	6.00	19.10	19.05	19.10	19.26	25.15	30.00	17.75
5745MHz	Pass	6.00	20.78	20.69	20.76	20.72	26.76	30.00	19.75
5785MHz	Pass	6.00	21.04	20.67	21.12	21.32	27.06	30.00	20.25
5825MHz	Pass	6.00	19.48	18.93	19.34	19.47	25.33	30.00	18
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5190MHz	Pass	6.00	9.90	10.89	10.64	10.29	16.47	30.00	9.5
5230MHz	Pass	6.00	16.26	16.10	16.71	16.38	22.39	30.00	15
5755MHz	Pass	6.00	19.49	18.23	18.70	18.86	24.86	30.00	17
5795MHz	Pass	6.00	20.45	19.35	19.92	20.12	26.00	30.00	18.25
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5210MHz	Pass	6.00	9.98	10.66	10.82	9.88	16.37	30.00	9.5
5775MHz	Pass	6.00	16.29	15.53	15.93	15.43	21.83	30.00	14.25

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

Note : Conducted setting = Pass conducted setting division 4

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	-	-
802.11a_Nss1,(6Mbps)_1TX	19.81	0.09572
802.11ax HEW20_Nss1,(MCS0)_1TX	21.23	0.13274
802.11ax HEW40_Nss1,(MCS0)_1TX	20.10	0.10233
802.11ax HEW80_Nss1,(MCS0)_1TX	15.80	0.03802
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	23.46	0.22182
802.11ax HEW20_Nss1,(MCS0)_1TX	21.63	0.14555
802.11ax HEW40_Nss1,(MCS0)_1TX	22.55	0.17989
802.11ax HEW80_Nss1,(MCS0)_1TX	20.01	0.10023

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-
5180MHz	Pass	8.70	18.32	18.32	27.30	17.25
5200MHz	Pass	8.70	19.81	19.81	27.30	18.5
5240MHz	Pass	8.70	19.20	19.20	27.30	17.75
5745MHz	Pass	8.70	22.13	22.13	27.30	21.5
5785MHz	Pass	8.70	23.36	23.36	27.30	24.25
5825MHz	Pass	8.70	23.46	23.46	27.30	23.75
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	
5180MHz	Pass	8.70	17.47	17.47	27.30	16.5
5200MHz	Pass	8.70	21.23	21.23	27.30	20.25
5240MHz	Pass	8.70	20.38	20.38	27.30	18.75
5745MHz	Pass	8.70	20.65	20.65	27.30	18.75
5785MHz	Pass	8.70	21.59	21.59	27.30	20.25
5825MHz	Pass	8.70	21.63	21.63	27.30	20.25
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	
5190MHz	Pass	8.70	16.33	16.33	27.30	15
5230MHz	Pass	8.70	20.10	20.10	27.30	18.25
5755MHz	Pass	8.70	22.35	22.35	27.30	21
5795MHz	Pass	8.70	22.55	22.55	27.30	21.25
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	
5210MHz	Pass	8.70	15.80	15.80	27.30	14.5
5775MHz	Pass	8.70	20.01	20.01	27.30	17.75

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

Note : Conducted setting = Pass conducted setting division 4

For Non-beamforming / 2T2S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	23.05	0.20184
802.11ax HEW40_Nss2,(MCS0)_2TX	22.36	0.17219
802.11ax HEW80_Nss2,(MCS0)_2TX	16.83	0.04819
5.725-5.85GHz	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	24.21	0.26363
802.11ax HEW40_Nss2,(MCS0)_2TX	24.77	0.29992
802.11ax HEW80_Nss2,(MCS0)_2TX	20.77	0.11940

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	-	-	-	-	-	-	-
5180MHz	Pass	8.70	15.45	15.72	18.60	27.30	14.5
5200MHz	Pass	8.70	20.22	19.77	23.01	27.30	18.75
5240MHz	Pass	8.70	20.38	19.68	23.05	27.30	18.75
5745MHz	Pass	8.70	20.26	19.84	23.07	27.30	18.75
5785MHz	Pass	8.70	21.08	20.95	24.03	27.30	20.25
5825MHz	Pass	8.70	21.46	20.92	24.21	27.30	20.25
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	
5190MHz	Pass	8.70	14.84	14.59	17.73	27.30	13.25
5230MHz	Pass	8.70	19.71	18.95	22.36	27.30	17.5
5755MHz	Pass	8.70	21.59	20.66	24.16	27.30	20.25
5795MHz	Pass	8.70	22.29	21.15	24.77	27.30	20.75
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	
5210MHz	Pass	8.70	13.77	13.87	16.83	27.30	12.75
5775MHz	Pass	8.70	18.15	17.32	20.77	27.30	16.25

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

Note : Conducted setting = Pass conducted setting division 4

For Non-beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	21.65	0.14622
802.11ax HEW20_Nss1,(MCS0)_4TX	22.34	0.17140
802.11ax HEW40_Nss1,(MCS0)_4TX	23.34	0.21577
802.11ax HEW80_Nss1,(MCS0)_4TX	18.80	0.07586
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	27.25	0.53088
802.11ax HEW20_Nss1,(MCS0)_4TX	27.25	0.53088
802.11ax HEW40_Nss1,(MCS0)_4TX	26.35	0.43152
802.11ax HEW80_Nss1,(MCS0)_4TX	22.23	0.16711

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	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70	15.40	15.52	15.63	15.67	21.58	27.30	14.5
5200MHz	Pass	8.70	15.43	15.66	15.57	15.85	21.65	27.30	14.5
5240MHz	Pass	8.70	15.65	15.47	15.95	15.39	21.64	27.30	14.25
5745MHz	Pass	8.70	21.29	20.86	21.12	21.22	27.15	27.30	20.25
5785MHz	Pass	8.70	21.24	21.06	21.32	21.31	27.25	27.30	20.25
5825MHz	Pass	8.70	21.34	20.69	21.25	21.21	27.15	27.30	20.25
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5180MHz	Pass	8.70	14.53	15.34	14.91	14.92	20.96	27.30	13.75
5200MHz	Pass	8.70	15.26	16.08	16.51	16.38	22.10	27.30	14.75
5240MHz	Pass	8.70	15.99	16.25	16.50	16.50	22.34	27.30	14.75
5745MHz	Pass	8.70	20.31	19.87	20.07	19.98	26.08	27.30	18.75
5785MHz	Pass	8.70	21.18	20.82	21.39	21.26	27.19	27.30	20.25
5825MHz	Pass	8.70	21.42	20.71	21.50	21.24	27.25	27.30	20.25
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5190MHz	Pass	8.70	12.08	12.54	12.59	12.28	18.40	27.30	11
5230MHz	Pass	8.70	17.49	17.30	17.22	17.27	23.34	27.30	15.5
5755MHz	Pass	8.70	19.95	18.72	18.99	19.48	25.33	27.30	17.25
5795MHz	Pass	8.70	20.92	19.81	20.16	20.35	26.35	27.30	18.5
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5210MHz	Pass	8.70	12.78	12.66	13.04	12.61	18.80	27.30	11.5
5775MHz	Pass	8.70	16.03	16.01	16.35	16.44	22.23	27.30	14.5

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

Note : Conducted setting = Pass conducted setting division 4

For Beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.25	0.13335
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.12	0.12942
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	19.34	0.08590
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	21.22	0.13243
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.12	0.12942
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.14	0.13002

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	-	-	-	-	-	-	-	-	-
5180MHz	Pass	14.72	14.06	14.80	14.87	15.62	20.89	21.28	14
5200MHz	Pass	14.72	14.70	14.87	15.32	15.93	21.25	21.28	14.5
5240MHz	Pass	14.72	14.91	14.92	15.33	15.71	21.25	21.28	14.25
5745MHz	Pass	14.72	14.84	15.43	15.05	15.17	21.15	21.28	14
5785MHz	Pass	14.72	14.89	15.33	15.34	15.10	21.19	21.28	14
5825MHz	Pass	14.72	14.81	15.49	15.36	15.12	21.22	21.28	14
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5190MHz	Pass	14.72	10.38	11.53	11.65	10.44	17.06	21.28	10.25
5230MHz	Pass	14.72	14.99	15.27	15.32	14.79	21.12	21.28	14
5755MHz	Pass	14.72	15.16	15.32	15.28	14.49	21.10	21.28	13.5
5795MHz	Pass	14.72	15.08	15.50	15.28	14.48	21.12	21.28	13.5
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5210MHz	Pass	14.72	12.56	13.59	13.72	13.30	19.34	21.28	12.5
5775MHz	Pass	14.72	15.18	15.37	15.10	14.82	21.14	21.28	13.75

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

Note : Conducted setting = Pass conducted setting division 4

For Non-beamforming / 4T4S mode
Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	25.90	0.38905
802.11ax HEW40_Nss4,(MCS0)_4TX	23.89	0.24491
802.11ax HEW80_Nss4,(MCS0)_4TX	19.63	0.09183
5.725-5.85GHz	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	27.10	0.51286
802.11ax HEW40_Nss4,(MCS0)_4TX	26.15	0.41210
802.11ax HEW80_Nss4,(MCS0)_4TX	22.41	0.17418

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	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70	15.23	15.97	16.06	15.83	21.80	27.30	14.75
5200MHz	Pass	8.70	19.15	19.29	19.48	19.64	25.41	27.30	18.25
5240MHz	Pass	8.70	19.85	19.78	19.94	19.95	25.90	27.30	18.75
5745MHz	Pass	8.70	19.96	19.97	19.86	20.08	25.99	27.30	18.75
5785MHz	Pass	8.70	20.97	20.80	21.10	21.17	27.03	27.30	20.25
5825MHz	Pass	8.70	21.26	20.96	20.86	21.21	27.10	27.30	20.25
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5190MHz	Pass	8.70	12.44	13.34	13.25	12.89	19.01	27.30	12
5230MHz	Pass	8.70	17.72	17.88	18.12	17.76	23.89	27.30	16.5
5755MHz	Pass	8.70	19.95	19.12	19.26	19.80	25.57	27.30	18
5795MHz	Pass	8.70	20.59	19.58	19.93	20.35	26.15	27.30	18.75
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	
5210MHz	Pass	8.70	13.26	13.77	13.80	13.58	19.63	27.30	12.75
5775MHz	Pass	8.70	16.59	16.23	16.10	16.63	22.41	27.30	15

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

Note : Conducted setting = Pass conducted setting division 4

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	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.71	0.03724	18.71/20.97	0.07430/0.12503
802.11ax HEW20_Nss1,(MCS0)_1TX	15.69	0.03707	18.69/20.95	0.07396/0.12445
802.11ax HEW40_Nss1,(MCS0)_1TX	15.72	0.03733	18.72/20.98	0.07447/0.12531
802.11ax HEW80_Nss1,(MCS0)_1TX	15.52	0.03565	18.52/20.78	0.07112/0.11967

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
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00/5.26	15.57	15.57	30.00	18.57/20.83	36.00/21.00	15
5200MHz	Pass	3.00/5.26	15.61	15.61	30.00	18.61/20.87	36.00/21.00	15
5240MHz	Pass	3.00/5.26	15.71	15.71	30.00	18.71/20.97	36.00/21.00	15
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00/5.26	15.69	15.69	30.00	18.69/20.95	36.00/21.00	14.75
5200MHz	Pass	3.00/5.26	15.55	15.55	30.00	18.55/20.81	36.00/21.00	14.75
5240MHz	Pass	3.00/5.26	15.67	15.67	30.00	18.67/20.93	36.00/21.00	14.5
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00/5.26	15.70	15.70	30.00	18.70/20.96	36.00/21.00	14.25
5230MHz	Pass	3.00/5.26	15.72	15.72	30.00	18.72/20.98	36.00/21.00	14.25
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00/5.26	15.52	15.52	30.00	18.52/20.78	36.00/21.00	14.25

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.51 for Eevation angle higher than 30°.

For Non-beamforming / 2T2S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	15.71	0.03724	18.71/20.97	0.07430/0.12503
802.11ax HEW40_Nss2,(MCS0)_2TX	15.71	0.03724	18.71/20.97	0.07430/0.12503
802.11ax HEW80_Nss2,(MCS0)_2TX	15.64	0.03664	18.64/20.90	0.07311/0.12303

Result

Mode	Result	Directional Gain (Output Power) / Gain-Elevation 30° (dBi)	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Conducted setting
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00/5.26	3.00	11.93	13.11	15.57	30.00	18.57/20.83	36.00/21.00	11.5
5200MHz	Pass	3.00/5.26	3.00	12.12	13.21	15.71	30.00	18.71/20.97	36.00/21.00	11.5
5240MHz	Pass	3.00/5.26	3.00	12.16	13.18	15.71	30.00	18.71/20.97	36.00/21.00	11.25
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00/5.26	3.00	12.45	12.84	15.66	30.00	18.66/20.92	36.00/21.00	11.5
5230MHz	Pass	3.00/5.26	3.00	11.95	13.34	15.71	30.00	18.71/20.97	36.00/21.00	11.25
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00/5.26	3.00	12.39	12.86	15.64	30.00	18.64/20.90	36.00/21.00	11.5

DG = Directional Gain;**Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix C.51 for Eevation angle higher than 30°.

For Non-beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	15.72	0.03733	18.72/20.98	0.07447/0.12531
802.11ax HEW20_Nss1,(MCS0)_4TX	15.65	0.03673	18.65/20.91	0.07328/0.12331
802.11ax HEW40_Nss1,(MCS0)_4TX	15.68	0.03698	18.68/20.94	0.07379/0.12417
802.11ax HEW80_Nss1,(MCS0)_4TX	15.64	0.03664	18.64/20.90	0.07311/0.12303

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
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00/5.26	8.83	10.35	9.48	9.34	15.56	30.00	18.56/20.82	36.00/21.00	8.75
5200MHz	Pass	3.00/5.26	8.68	10.55	9.62	9.38	15.63	30.00	18.63/20.89	36.00/21.00	8.75
5240MHz	Pass	3.00/5.26	8.75	10.51	9.84	9.51	15.72	30.00	18.72/20.98	36.00/21.00	8.75
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00/5.26	8.69	10.42	9.51	9.45	15.58	30.00	18.58/20.84	36.00/21.00	8.75
5200MHz	Pass	3.00/5.26	8.58	10.32	9.42	9.56	15.53	30.00	18.53/20.79	36.00/21.00	8.5
5240MHz	Pass	3.00/5.26	8.37	10.25	10.07	9.61	15.65	30.00	18.65/20.91	36.00/21.00	8.5
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00/5.26	8.95	10.35	9.86	9.33	15.68	30.00	18.68/20.94	36.00/21.00	8.5
5230MHz	Pass	3.00/5.26	8.61	10.27	10.05	9.04	15.57	30.00	18.57/20.83	36.00/21.00	8.25
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00/5.26	9.01	10.22	10.03	9.10	15.64	30.00	18.64/20.90	36.00/21.00	8.5

DG = Directional Gain;**Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix C.51 for Eevation angle higher than 30°.

For Beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	9.69	0.00931	18.71/20.97	0.07430/0.12503
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	9.57	0.00906	18.59/20.85	0.07228/0.12162
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	9.69	0.00931	18.71/20.97	0.07430/0.12503

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 HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02 / 11.28	1.68	4.55	3.51	4.32	9.67	26.98	18.69/20.95	36.00/21.00	3
5200MHz	Pass	9.02 / 11.28	1.93	4.52	3.35	4.41	9.69	26.98	18.71/20.97	36.00/21.00	3
5240MHz	Pass	9.02 / 11.28	1.62	4.18	3.75	4.19	9.57	26.98	18.59/20.85	36.00/21.00	2.75
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.02 / 11.28	2.14	4.74	3.70	3.21	9.57	26.98	18.59/20.85	36.00/21.00	2.75
5230MHz	Pass	9.02 / 11.28	2.12	4.68	3.67	3.14	9.52	26.98	18.54/20.80	36.00/21.00	2.75
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.02 / 11.28	2.32	4.37	4.29	3.41	9.69	26.98	18.71/20.97	36.00/21.00	3

DG = Directional Gain;**Port X** = Port X output power
Note : Conducted setting = Pass conducted setting division 4
Note : Refer to Appendix C.51 for Eevation angle higher than 30°.

For Non-beamforming / 4T4S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	15.68	0.03698	18.68/20.94	0.07379/0.12417
802.11ax HEW40_Nss4,(MCS0)_4TX	15.71	0.03724	18.71/20.97	0.07430/0.12503
802.11ax HEW80_Nss4,(MCS0)_4TX	15.62	0.03648	18.62/20.88	0.07278/0.12246

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 HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00/5.26	8.62	10.43	9.40	9.44	15.54	30.00	18.54/20.80	36.00/21.00	8.75
5200MHz	Pass	3.00/5.26	8.75	10.24	9.58	9.32	15.53	30.00	18.53/20.79	36.00/21.00	8.5
5240MHz	Pass	3.00/5.26	8.69	10.37	9.65	9.78	15.68	30.00	18.68/20.94	36.00/21.00	8.5
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00/5.26	8.84	10.38	9.98	9.07	15.63	30.00	18.63/20.89	36.00/21.00	8.5
5230MHz	Pass	3.00/5.26	9.15	10.05	9.85	9.67	15.71	30.00	18.71/20.97	36.00/21.00	8.5
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00/5.26	8.86	10.09	10.00	9.33	15.62	30.00	18.62/20.88	36.00/21.00	8.5

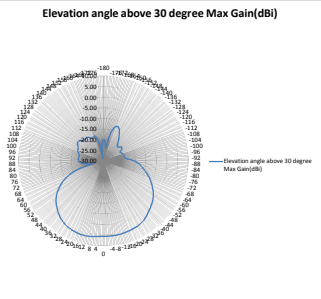
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.51 for Eevation angle higher than 30°.

Elevation angle above 30 degree Max Gain

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



Elevation angle above 30 degree Max Gain

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

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	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	18.89	0.07745	24.89/12.84	0.30832/0.01923
802.11ax HEW20_Nss1,(MCS0)_1TX	19.29	0.08492	25.29/13.24	0.33806/0.02109
802.11ax HEW40_Nss1,(MCS0)_1TX	19.13	0.08185	25.13/13.08	0.32584/0.02032
802.11ax HEW80_Nss1,(MCS0)_1TX	15.21	0.03319	21.21/9.16	0.13213/0.00824

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
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00/-6.05	17.38	17.38	30.00	23.38/11.33	36.00/21.00	16.5
5200MHz	Pass	6.00/-6.05	18.77	18.77	30.00	24.77/12.72	36.00/21.00	17.5
5240MHz	Pass	6.00/-6.05	18.89	18.89	30.00	24.89/12.84	36.00/21.00	17.5
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00/-6.05	16.67	16.67	30.00	22.67/10.62	36.00/21.00	15.75
5200MHz	Pass	6.00/-6.05	19.24	19.24	30.00	25.24/13.19	36.00/21.00	18
5240MHz	Pass	6.00/-6.05	19.29	19.29	30.00	25.29/13.24	36.00/21.00	18
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	6.00/-6.05	15.47	15.47	30.00	21.47/9.42	36.00/21.00	14
5230MHz	Pass	6.00/-6.05	19.13	19.13	30.00	25.13/13.08	36.00/21.00	17.5
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	6.00/-6.05	15.21	15.21	30.00	21.21/9.16	36.00/21.00	14

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.57 for Eevation angle higher than 30°.

For Non-beamforming / 2T2S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	22.66	0.18450	28.66/16.61	0.73451/0.04581
802.11ax HEW40_Nss2,(MCS0)_2TX	21.39	0.13772	27.39/15.34	0.54828/0.03420
802.11ax HEW80_Nss2,(MCS0)_2TX	15.96	0.03945	21.96/9.91	0.15704/0.00979

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 HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00/-6.05	14.43	15.29	17.89	30.00	23.89/11.84	36.00/21.00	13.75
5200MHz	Pass	6.00/-6.05	19.24	19.20	22.23	30.00	28.23/16.18	36.00/21.00	18
5240MHz	Pass	6.00/-6.05	19.73	19.57	22.66	30.00	28.66/16.61	36.00/21.00	18
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.00/-6.05	13.70	14.00	16.86	30.00	22.86/10.81	36.00/21.00	12.5
5230MHz	Pass	6.00/-6.05	18.41	18.35	21.39	30.00	27.39/15.34	36.00/21.00	16.75
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.00/-6.05	12.72	13.16	15.96	30.00	21.96/9.91	36.00/21.00	11.75

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.57 for Eevation angle higher than 30°.

For Non-beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	24.19	0.26242	30.19/18.14	1.04472/0.06516
802.11ax HEW20_Nss1,(MCS0)_4TX	24.18	0.26182	30.18/18.13	1.04232/0.06501
802.11ax HEW40_Nss1,(MCS0)_4TX	22.63	0.18323	28.63/16.58	0.72946/0.04550
802.11ax HEW80_Nss1,(MCS0)_4TX	16.64	0.04613	22.64/10.59	0.18365/0.01146

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)	EIRP Limit (dBm)	Conducted setting
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00/-6.05	13.15	13.78	13.44	13.54	19.50	30.00	25.50/13.45	36.00/21.00	36.00/21.00	12.5
5200MHz	Pass	6.00/-6.05	17.89	18.34	18.16	18.26	24.19	30.00	30.19/18.14	36.00/21.00	36.00/21.00	16.75
5240MHz	Pass	6.00/-6.05	17.32	17.49	17.64	17.84	23.60	30.00	29.60/17.55	36.00/21.00	36.00/21.00	16.5
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00/-6.05	12.73	13.96	13.37	13.58	19.45	30.00	25.45/13.40	36.00/21.00	36.00/21.00	12.5
5200MHz	Pass	6.00/-6.05	17.64	17.82	17.92	17.89	23.84	30.00	29.84/17.79	36.00/21.00	36.00/21.00	16.5
5240MHz	Pass	6.00/-6.05	17.85	18.37	18.19	18.22	24.18	30.00	30.18/18.13	36.00/21.00	36.00/21.00	16.75
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.00/-6.05	10.32	10.55	11.07	10.07	16.54	30.00	22.54/10.49	36.00/21.00	36.00/21.00	9.5
5230MHz	Pass	6.00/-6.05	16.35	16.84	16.92	16.29	22.63	30.00	28.63/16.58	36.00/21.00	36.00/21.00	15
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.00/-6.05	10.07	11.06	10.98	10.27	16.64	30.00	22.64/10.59	36.00/21.00	36.00/21.00	9.5

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.57 for Eevation angle higher than 30°.

For Beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.89	0.12274	32.91/20.86	1.95434/0.12190
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.98	0.12531	33.00/20.95	1.99526/0.12445
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	19.34	0.08590	31.36/19.31	1.36773/0.02032

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 HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	12.02/-0.03	14.06	14.80	14.87	15.62	20.89	23.98	32.91/20.86	36.00/21.00	14
5200MHz	Pass	12.02/-0.03	13.91	14.47	15.39	15.19	20.80	23.98	32.82/20.77	36.00/21.00	14
5240MHz	Pass	12.02/-0.03	13.64	14.69	15.10	15.52	20.81	23.98	32.83/20.78	36.00/21.00	14
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	12.02/-0.03	12.51	13.44	13.70	12.82	19.16	23.98	31.18/19.13	36.00/21.00	12
5230MHz	Pass	12.02/-0.03	14.77	14.91	15.18	14.96	20.98	23.98	33.00/20.95	36.00/21.00	13.5
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	12.02/-0.03	12.56	13.59	13.72	13.30	19.34	23.98	31.36/19.31	36.00/21.00	12.5

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.57 for Eevation angle higher than 30°.

For Non-beamforming / 4T4S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	25.15	0.32734	31.15/19.10	1.30317/0.08128
802.11ax HEW40_Nss4,(MCS0)_4TX	22.39	0.17338	28.39/16.34	0.69024/0.04305
802.11ax HEW80_Nss4,(MCS0)_4TX	16.37	0.04335	22.37/10.32	0.17258/0.01076

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 HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	6.00/-6.05	13.22	13.86	13.75	13.93	19.72	30.00	25.72/13.67	36.00/21.00	12.75
5200MHz	Pass	6.00/-6.05	17.56	17.47	17.80	17.72	23.66	30.00	29.66/17.61	36.00/21.00	16.5
5240MHz	Pass	6.00/-6.05	19.10	19.05	19.10	19.26	25.15	30.00	31.15/19.10	36.00/21.00	17.75
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	6.00/-6.05	9.90	10.89	10.64	10.29	16.47	30.00	22.47/10.42	36.00/21.00	9.5
5230MHz	Pass	6.00/-6.05	16.26	16.10	16.71	16.38	22.39	30.00	28.39/16.34	36.00/21.00	15
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	6.00/-6.05	9.98	10.66	10.82	9.88	16.37	30.00	22.37/10.32	36.00/21.00	9.5

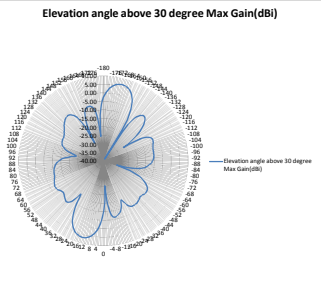
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.57 for Eevation angle higher than 30°.

Elevation angle above 30 degree Max Gain

Elevation angle above 30 degree Max Gain(dBi)		-6.05
Freq. (MHz)	5150	Elevation Angle Define
H-Plan angle(Degree)	Gain(dBm)	
-180	-2.43	
-179	-1.03	
-178	0.19	
-177	1.30	
-176	2.24	
-175	3.14	
-174	3.89	
-173	4.51	0° ~ 30°
-172	5.01	
-171	5.44	
-170	5.78	
-169	6.00	
-168	6.15	
-167	6.23	
-166	6.26	
-165	6.18	0° reference angle
-164	6.06	
-163	5.85	
-162	5.59	
-161	5.18	
-160	4.70	
-159	4.14	
-158	3.33	
-157	2.47	
-156	1.31	
-155	0.03	
-154	-1.44	
-153	-3.38	
-152	-5.48	
-151	-8.49	
-150	-12.00	0° ~ 30°
-149	-18.76	
-148	-38.57	
-147	-19.60	
-146	-14.03	
-145	-11.06	
-144	-8.89	
-143	-7.37	
-142	-6.33	
-141	-5.51	
-140	-4.94	
-139	-4.51	
-138	-4.39	
-137	-4.49	
-136	-4.84	
-135	-5.39	
-134	-6.18	
-133	-7.14	
-132	-8.22	
-131	-9.49	
-130	-10.93	
-129	-12.21	
-128	-13.93	
-127	-16.14	
-126	-18.83	
-125	-22.68	
-124	-25.67	
-123	-22.07	
-122	-17.83	
-121	-14.74	
-120	-12.74	
-119	-11.23	
-118	-10.11	
-117	-9.37	
-116	-8.88	
-115	-8.47	
-114	-8.45	
-113	-8.41	
-112	-8.50	
-111	-8.60	
-110	-8.84	
-109	-9.10	
-108	-9.24	
-107	-9.44	
-106	-9.75	
-105	-9.76	
-104	-9.91	
-103	-9.97	
-102	-10.07	
-101	-10.16	
-100	-10.06	
-99	-10.06	
-98	-10.08	
-97	-10.10	
-96	-10.11	
-95	-10.36	
-94	-10.26	
-93	-10.34	
-92	-10.55	
-91	-10.83	
-90	-11.17	
-89	-11.44	
-88	-11.61	
-87	-11.97	
-86	-12.58	
-85	-13.26	
-84	-13.61	
-83	-14.12	
-82	-14.78	
-81	-15.34	
-80	-16.39	
-79	-17.47	
-78	-18.61	
-77	-20.60	
-76	-22.41	
-75	-24.83	Above 30 degree
-74	-27.63	
-73	-31.79	
-72	-30.40	
-71	-26.51	
-70	-23.46	
-69	-21.29	
-68	-19.63	
-67	-17.28	
-66	-15.79	
-65	-14.62	
-64	-13.54	
-63	-12.67	
-62	-11.90	
-61	-11.19	
-60	-10.37	
-59	-9.88	
-58	-9.43	
-57	-9.22	
-56	-8.92	
-55	-8.90	
-54	-8.82	
-53	-8.84	
-52	-8.99	
-51	-9.05	
-50	-9.33	
-49	-9.50	
-48	-9.74	
-47	-9.77	
-46	-9.86	
-45	-9.66	
-44	-9.40	
-43	-9.22	
-42	-9.00	
-41	-8.78	
-40	-8.58	
-39	-8.44	
-38	-8.36	
-37	-8.36	
-36	-8.28	
-35	-8.36	
-34	-8.39	
-33	-8.44	
-32	-8.57	
-31	-8.85	
-30	-9.31	
-29	-9.94	
-28	-10.83	
-27	-12.09	
-26	-13.46	
-25	-14.71	
-24	-14.64	
-23	-13.53	
-22	-12.08	
-21	-10.74	
-20	-9.71	
-19	-8.96	
-18	-8.23	
-17	-7.82	
-16	-7.46	
-15	-7.15	
-14	-6.77	
-13	-6.43	
-12	-6.23	
-11	-6.16	
-10	-6.50	
-9	-7.22	
-8	-8.17	
-7	-8.96	
-6	-12.56	
-5	-16.32	
-4	-24.42	
-3	-25.39	
-2	-17.14	



Elevation angle above 30 degree Max Gain

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

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	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	13.07	0.02028	21.77/20.97	0.15031/0.12503
802.11ax HEW20_Nss1,(MCS0)_1TX	13.04	0.02014	21.74/20.94	0.14928/0.12417
802.11ax HEW40_Nss1,(MCS0)_1TX	12.95	0.01972	21.65/20.85	0.14622/0.12162
802.11ax HEW80_Nss1,(MCS0)_1TX	12.92	0.01959	21.62/20.82	0.14521/0.12078

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
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70/7.90	12.97	12.97	27.30	21.67/20.87	36.00/21.00	12.25
5200MHz	Pass	8.70/7.90	12.95	12.95	27.30	21.65/20.85	36.00/21.00	12.25
5240MHz	Pass	8.70/7.90	13.07	13.07	27.30	21.77/20.97	36.00/21.00	12.25
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70/7.90	13.04	13.04	27.30	21.74/20.94	36.00/21.00	12.25
5200MHz	Pass	8.70/7.90	12.91	12.91	27.30	21.61/20.81	36.00/21.00	12.25
5240MHz	Pass	8.70/7.90	12.96	12.96	27.30	21.66/20.86	36.00/21.00	12
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.70/7.90	12.90	12.90	27.30	21.60/20.80	36.00/21.00	12
5230MHz	Pass	8.70/7.90	12.95	12.95	27.30	21.65/20.85	36.00/21.00	12
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.70/7.90	12.92	12.92	27.30	21.62/20.82	36.00/21.00	12

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

For Non-beamforming / 2T2S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss2,(MCS0)_2TX	13.06	0.02023	21.76/20.96	0.14997/0.12474
802.11ax HEW40_Nss2,(MCS0)_2TX	13.08	0.02032	21.78/20.98	0.15066/0.12531
802.11ax HEW80_Nss2,(MCS0)_2TX	13.03	0.02009	21.73/20.93	0.14894/0.12388

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 HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70/7.90	9.11	10.72	13.00	27.30	21.70/20.90	36.00/21.00	9
5200MHz	Pass	8.70/7.90	9.18	10.77	13.06	27.30	21.76/20.96	36.00/21.00	9
5240MHz	Pass	8.70/7.90	9.15	10.68	12.99	27.30	21.69/20.89	36.00/21.00	8.75
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.70/7.90	9.62	10.47	13.08	27.30	21.78/20.98	36.00/21.00	8.75
5230MHz	Pass	8.70/7.90	9.47	10.58	13.07	27.30	21.77/20.97	36.00/21.00	8.5
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.70/7.90	9.32	10.63	13.03	27.30	21.73/20.93	36.00/21.00	9

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

For Non-beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	13.06	0.02023	21.76/20.96	0.14997/0.12474
802.11ax HEW20_Nss1,(MCS0)_4TX	13.07	0.02028	21.77/20.97	0.15031/0.12503
802.11ax HEW40_Nss1,(MCS0)_4TX	13.07	0.02028	21.77/20.97	0.15031/0.12503
802.11ax HEW80_Nss1,(MCS0)_4TX	12.90	0.01950	21.60/20.80	0.14454/0.12023

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
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70/7.90	6.02	7.91	7.12	6.67	13.01	27.30	21.71/20.91	36.00/21.00	6.25
5200MHz	Pass	8.70/7.90	6.01	7.95	7.15	6.73	13.04	27.30	21.74/20.94	36.00/21.00	6.25
5240MHz	Pass	8.70/7.90	5.97	7.92	7.21	6.84	13.06	27.30	21.76/20.96	36.00/21.00	6
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70/7.90	6.17	7.97	7.07	6.81	13.07	27.30	21.77/20.97	36.00/21.00	6.25
5200MHz	Pass	8.70/7.90	5.98	7.92	7.13	6.76	13.02	27.30	21.72/20.92	36.00/21.00	6
5240MHz	Pass	8.70/7.90	5.93	7.80	6.89	6.65	12.89	27.30	21.59/20.79	36.00/21.00	5.75
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.70/7.90	5.92	7.81	7.15	6.61	12.95	27.30	21.65/20.85	36.00/21.00	6
5230MHz	Pass	8.70/7.90	6.29	7.98	7.33	6.38	13.07	27.30	21.77/20.97	36.00/21.00	5.75
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.70/7.90	6.13	7.58	7.35	6.27	12.90	27.30	21.60/20.80	36.00/21.00	5.75

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.63 for Eevation angle higher than 30°.

For Beamforming / 4T1S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.04	0.00506	21.76/20.96	0.14997/0.12474
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.06	0.00508	21.78/20.98	0.15066/0.12531
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	6.88	0.00488	21.60/20.80	0.14454/0.12023

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 HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	14.72 /13.92	-0.73	1.46	1.21	1.74	7.04	21.28	21.76/20.96	36.00/21.00	0.5
5200MHz	Pass	14.72 /13.92	-0.83	1.54	1.22	1.65	7.02	21.28	21.74/20.94	36.00/21.00	0.5
5240MHz	Pass	14.72 /13.92	-1.16	1.87	0.88	1.67	6.99	21.28	21.71/20.91	36.00/21.00	0.25
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	14.72 /13.92	-0.11	1.83	1.29	0.58	6.98	21.28	21.70/20.90	36.00/21.00	0.25
5230MHz	Pass	14.72 /13.92	-0.06	1.75	1.32	0.93	7.06	21.28	21.78/20.98	36.00/21.00	0.25
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	14.72 /13.92	-0.36	1.44	1.21	0.94	6.88	21.28	21.60/20.80	36.00/21.00	0.25

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

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.63 for Eevation angle higher than 30°.

For Non-beamforming / 4T4S mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_Nss4,(MCS0)_4TX	13.08	0.02032	21.78/20.98	0.15066/0.12531
802.11ax HEW40_Nss4,(MCS0)_4TX	13.05	0.02018	21.75/20.95	0.14962/0.12445
802.11ax HEW80_Nss4,(MCS0)_4TX	13.07	0.02028	21.77/20.97	0.15031/0.12552

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 HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	8.70/7.90	5.98	7.95	7.20	6.79	13.06	27.30	21.76/20.96	36.00/21.00	6.25
5200MHz	Pass	8.70/7.90	6.03	8.01	6.80	7.16	13.08	27.30	21.78/20.98	36.00/21.00	6.25
5240MHz	Pass	8.70/7.90	5.85	7.83	7.41	6.91	13.08	27.30	21.78/20.98	36.00/21.00	6
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	8.70/7.90	5.89	7.75	7.27	6.37	12.90	27.30	21.60/20.80	36.00/21.00	6
5230MHz	Pass	8.70/7.90	6.16	7.70	7.58	6.47	13.05	27.30	21.75/20.95	36.00/21.00	5.75
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	8.70/7.90	6.02	7.78	7.61	6.54	13.07	27.30	21.77/20.97	36.00/21.00	6.25

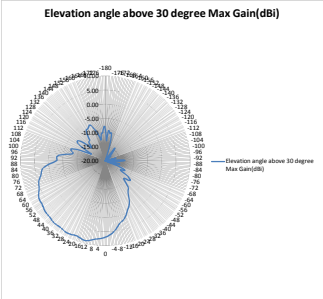
DG = Directional Gain;**Port X** = Port X output power

Note : Conducted setting = Pass conducted setting division 4

Note : Refer to Appendix C.63 for Eevation angle higher than 30°.

Elevation angle above 30 degree Max Gain

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



Elevation angle above 30 degree Max Gain

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

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

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.74
802.11ax HEW20_Nss1,(MCS0)_1TX	8.62
802.11ax HEW40_Nss1,(MCS0)_1TX	4.72
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.20
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	5.65
802.11ax HEW20_Nss1,(MCS0)_1TX	6.36
802.11ax HEW40_Nss1,(MCS0)_1TX	4.68
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.93

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

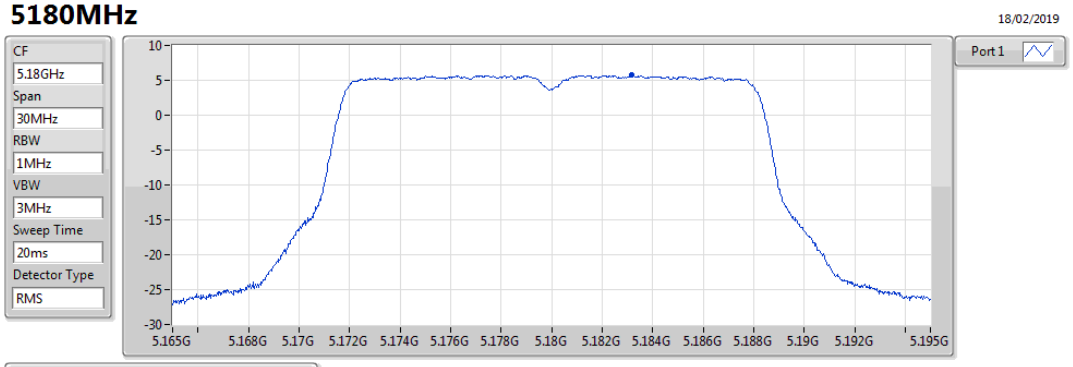
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	3.00	5.71	5.71	17.00
5200MHz	Pass	3.00	7.74	7.74	17.00
5240MHz	Pass	3.00	7.36	7.36	17.00
5745MHz	Pass	3.00	5.52	5.52	30.00
5785MHz	Pass	3.00	5.65	5.65	30.00
5825MHz	Pass	3.00	4.14	4.14	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	3.00	4.66	4.66	17.00
5200MHz	Pass	3.00	8.62	8.62	17.00
5240MHz	Pass	3.00	7.75	7.75	17.00
5745MHz	Pass	3.00	6.36	6.36	30.00
5785MHz	Pass	3.00	5.12	5.12	30.00
5825MHz	Pass	3.00	5.40	5.40	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	3.00	-0.12	-0.12	17.00
5230MHz	Pass	3.00	4.72	4.72	17.00
5755MHz	Pass	3.00	4.37	4.37	30.00
5795MHz	Pass	3.00	4.68	4.68	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	3.00	-2.20	-2.20	17.00
5775MHz	Pass	3.00	-1.93	-1.93	30.00

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

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

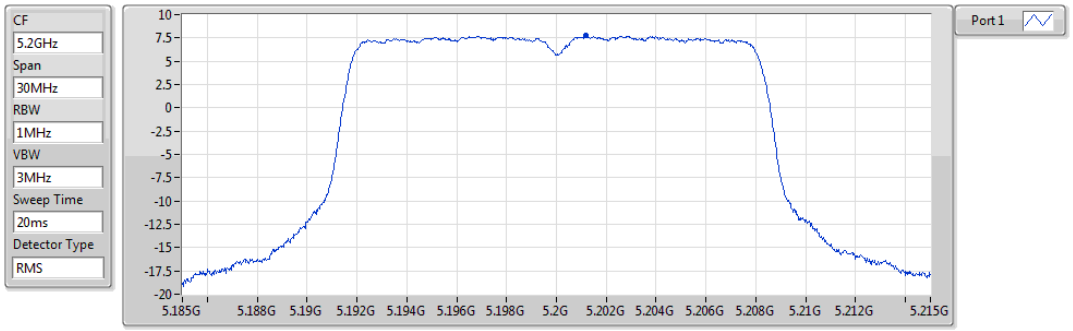
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.71	5.71	5.71

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

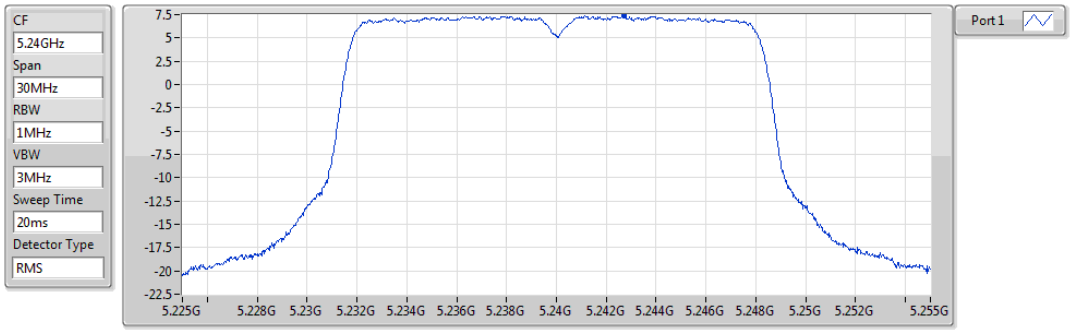
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.74	7.74	7.74

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

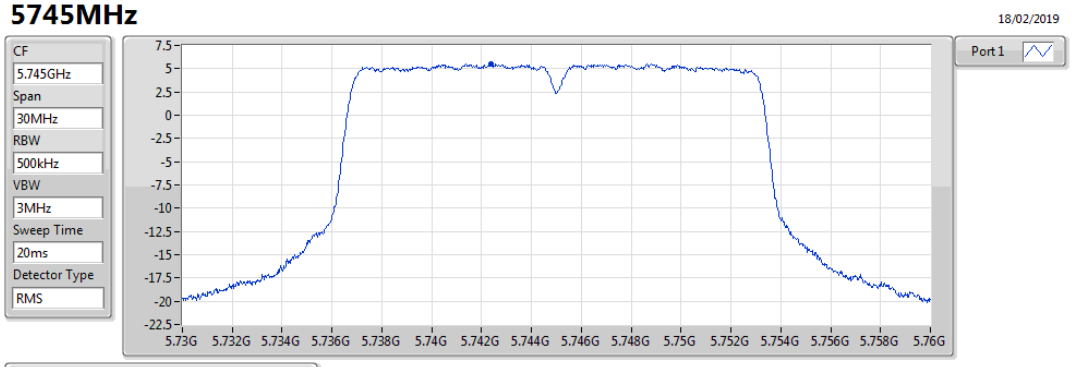
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.36	7.36	7.36

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

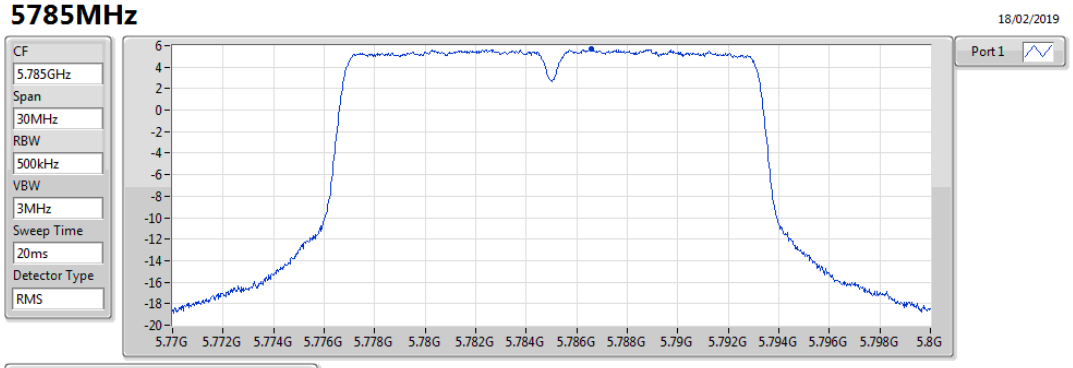
5745MHz



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

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

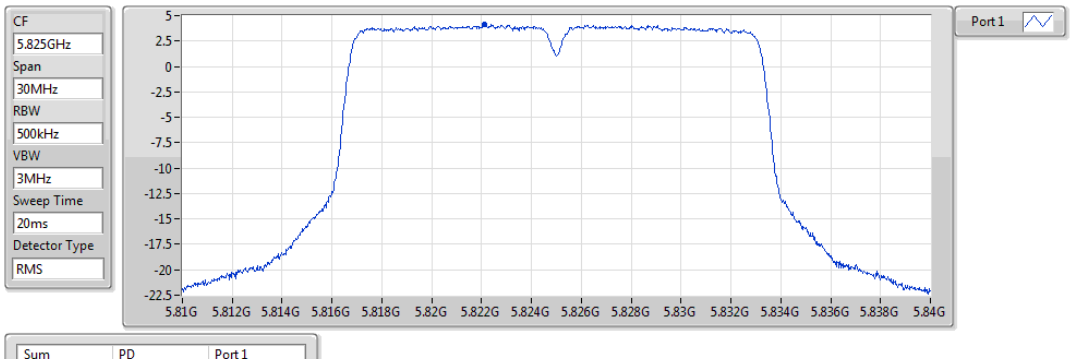
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.65	5.65	5.65

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

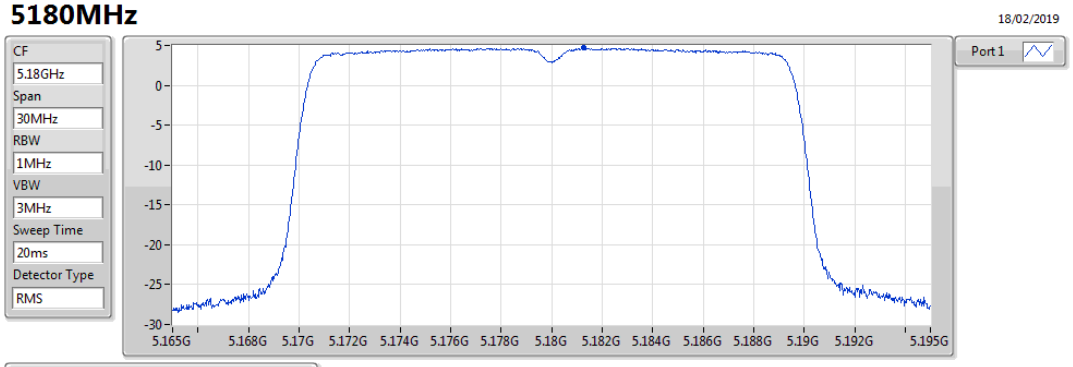
5825MHz



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

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

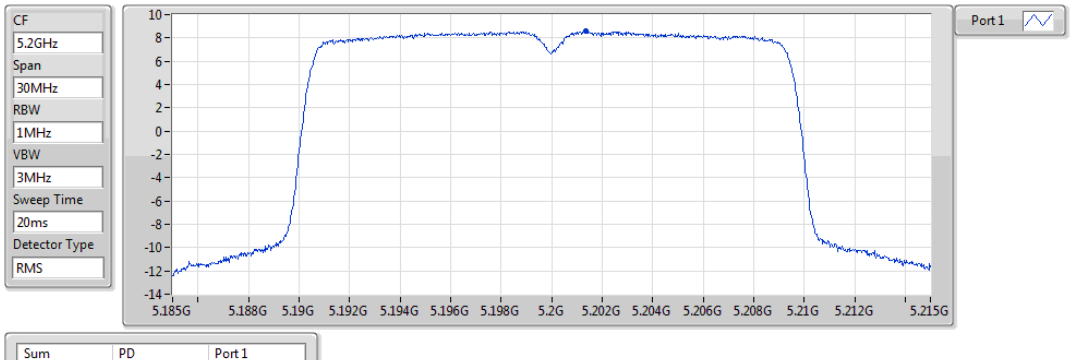
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.66	4.66	4.66

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

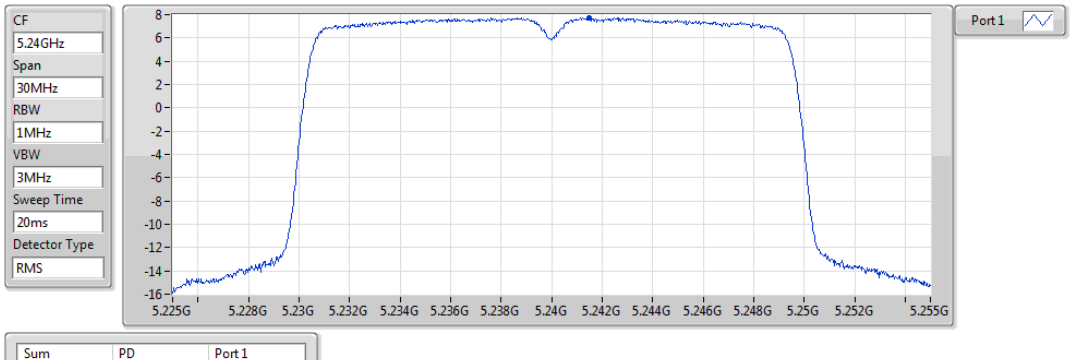
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.62	8.62	8.62

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

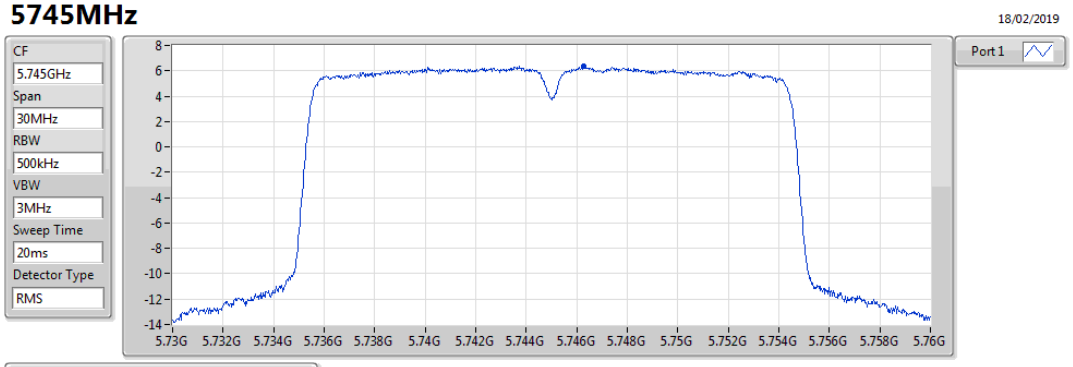
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.75	7.75	7.75

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

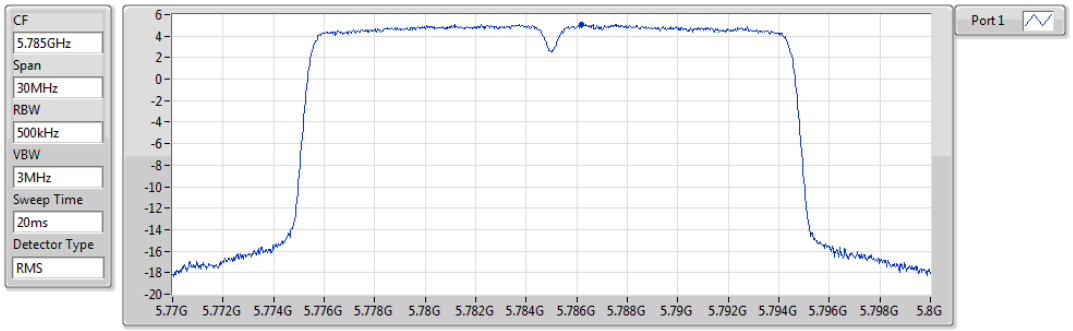
5745MHz



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

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

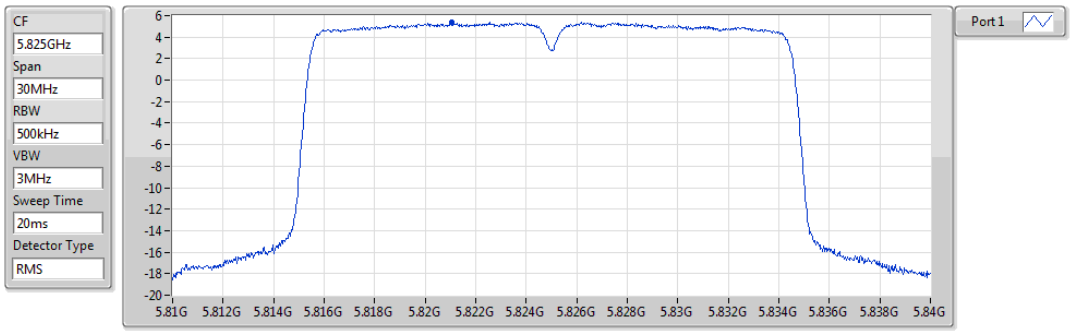
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.12	5.12	5.12

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

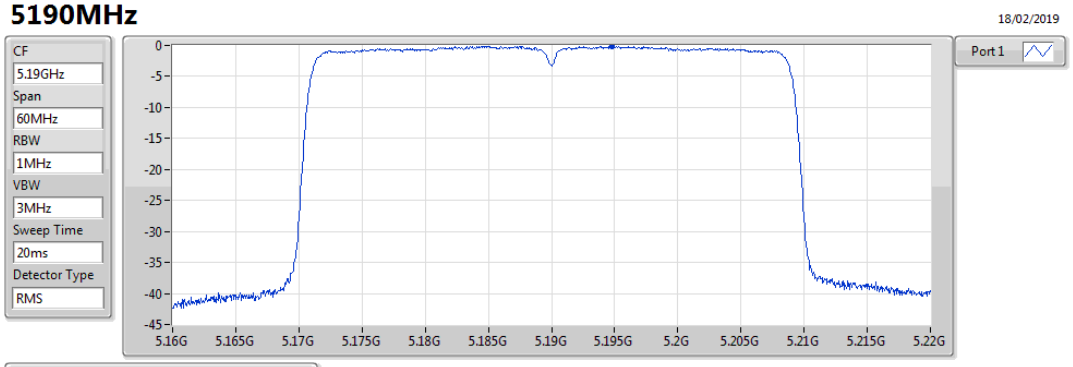
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.40	5.40	5.40

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

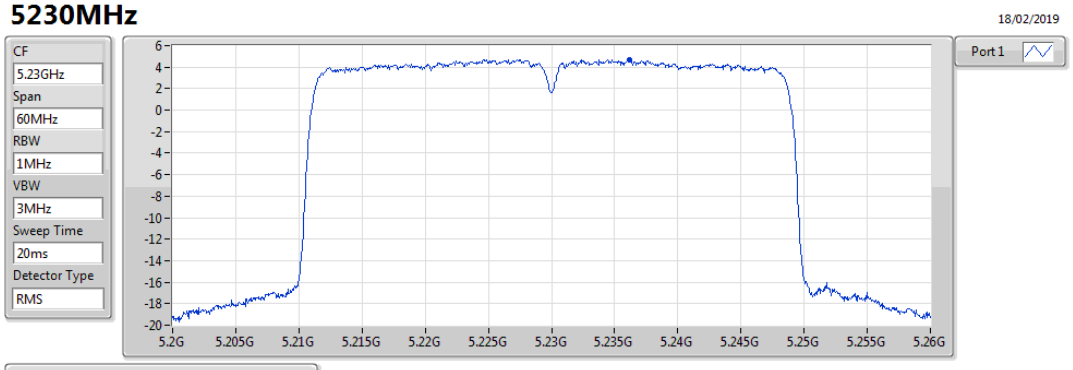
5190MHz



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

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

5230MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.72	4.72	4.72

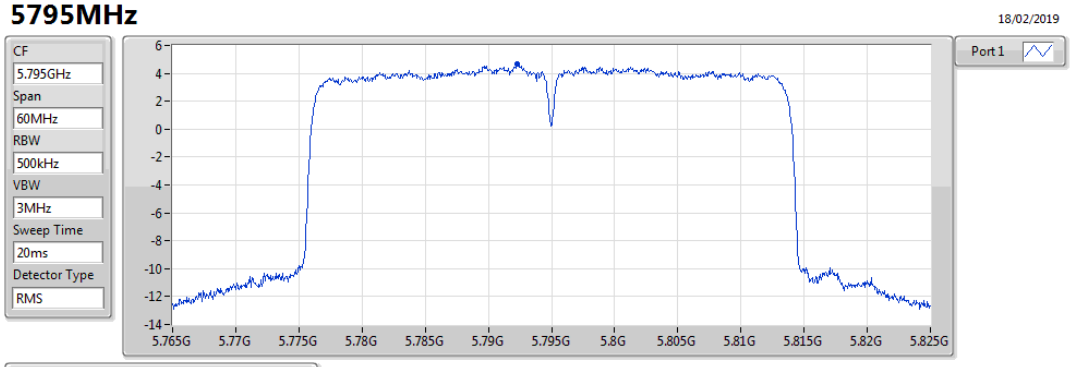
802.11ax HEW40_Nss1,(MCS0)_1TX **PSD**

5755MHz

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

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

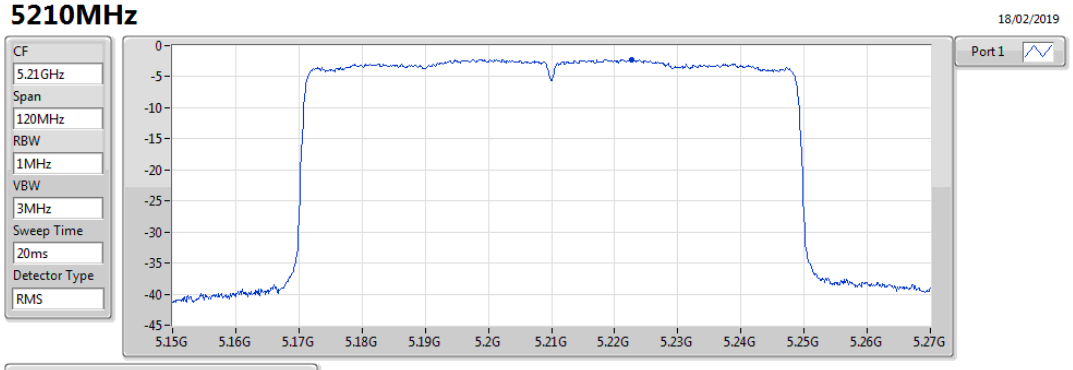
5795MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.68	4.68	4.68

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

5210MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.20	-2.20	-2.20

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

5775MHz

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.93	-1.93	-1.93

For Non-beamforming / 2T2S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	10.33
802.11ax HEW40_Nss2,(MCS0)_2TX	6.08
802.11ax HEW80_Nss2,(MCS0)_2TX	-1.39
5.725-5.85GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	8.65
802.11ax HEW40_Nss2,(MCS0)_2TX	6.24
802.11ax HEW80_Nss2,(MCS0)_2TX	0.57

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

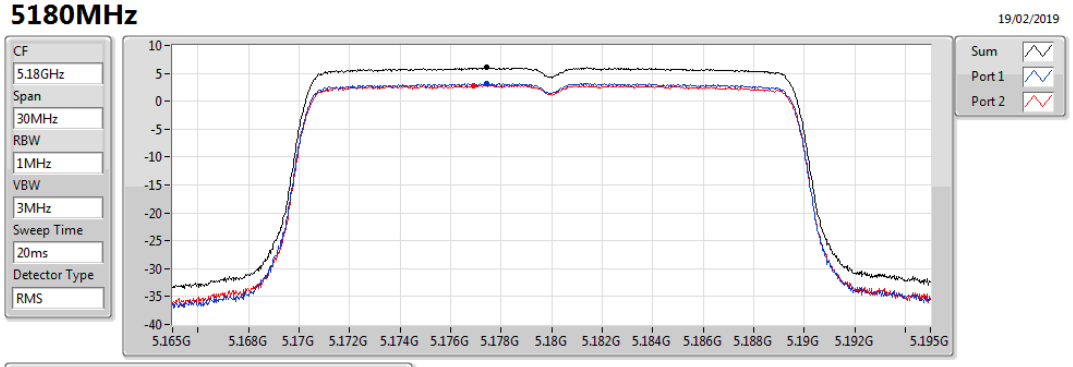
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	3.00	3.21	2.87	6.02	17.00
5200MHz	Pass	3.00	6.94	6.93	9.88	17.00
5240MHz	Pass	3.00	7.53	7.16	10.33	17.00
5745MHz	Pass	3.00	5.40	5.92	8.65	30.00
5785MHz	Pass	3.00	4.41	4.82	7.51	30.00
5825MHz	Pass	3.00	5.05	5.09	8.00	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	3.00	-1.72	-2.25	0.92	17.00
5230MHz	Pass	3.00	3.51	2.92	6.08	17.00
5755MHz	Pass	3.00	2.82	2.91	5.80	30.00
5795MHz	Pass	3.00	3.22	3.41	6.24	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	3.00	-4.08	-4.55	-1.39	17.00
5775MHz	Pass	3.00	-2.39	-2.39	0.57	30.00

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

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

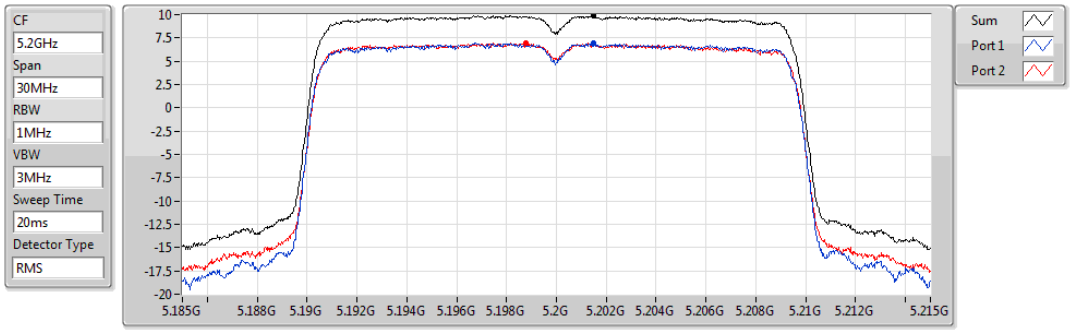
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.02	6.02	3.21	2.87

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

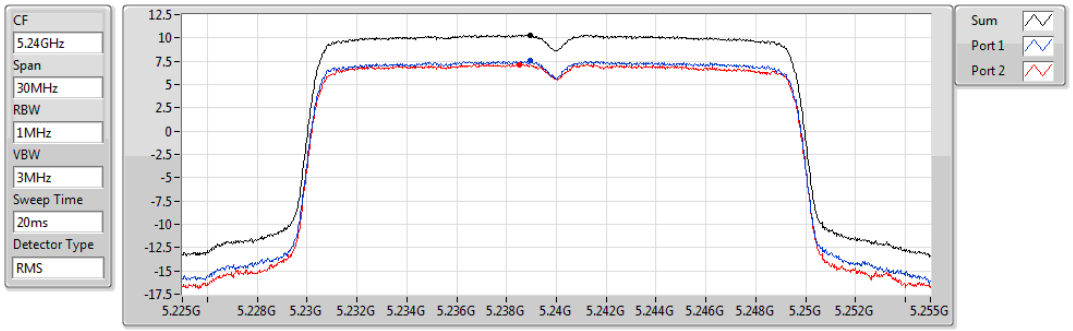
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.88	9.88	6.94	6.93

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

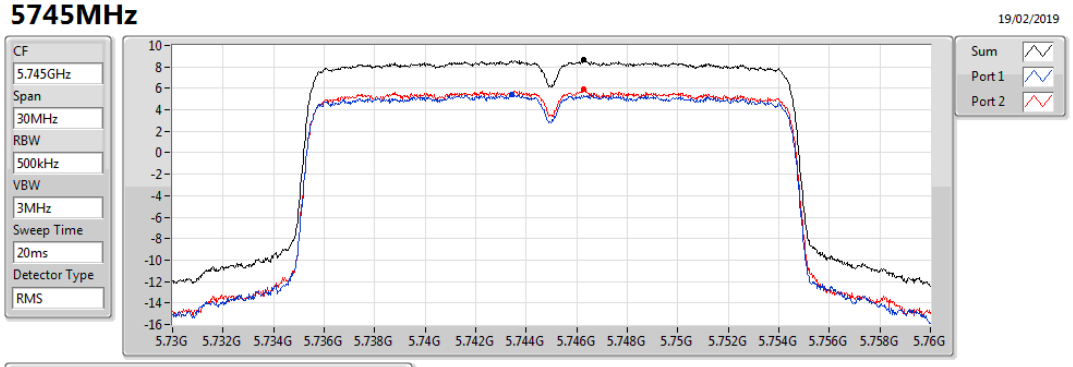
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.33	10.33	7.53	7.16

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

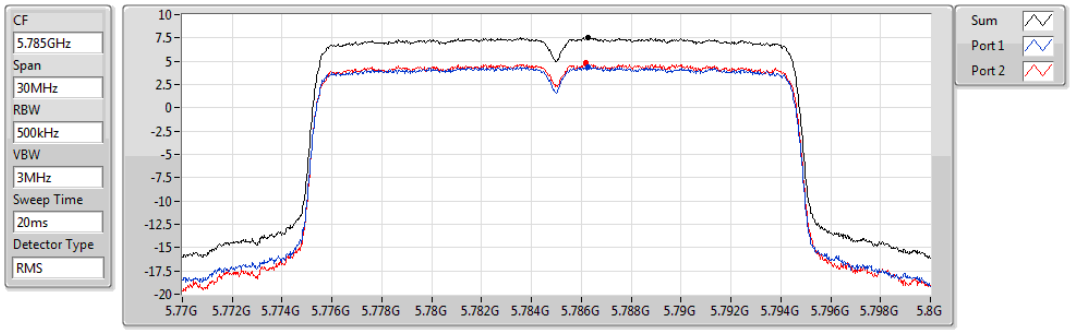
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.65	8.65	5.40	5.92

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

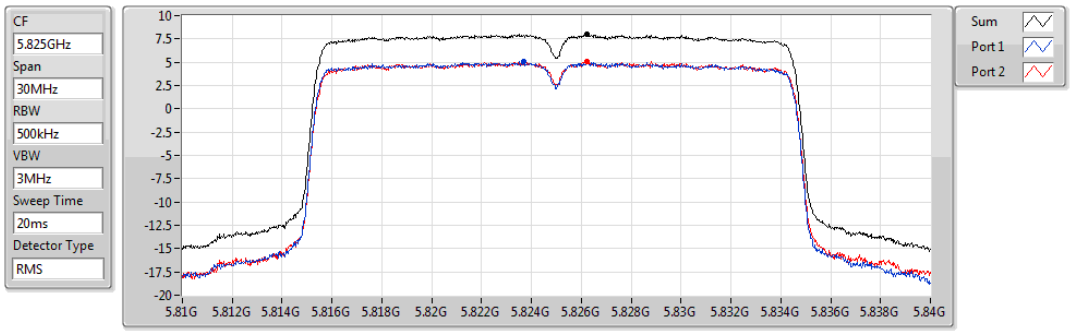
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.51	7.51	4.41	4.82

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

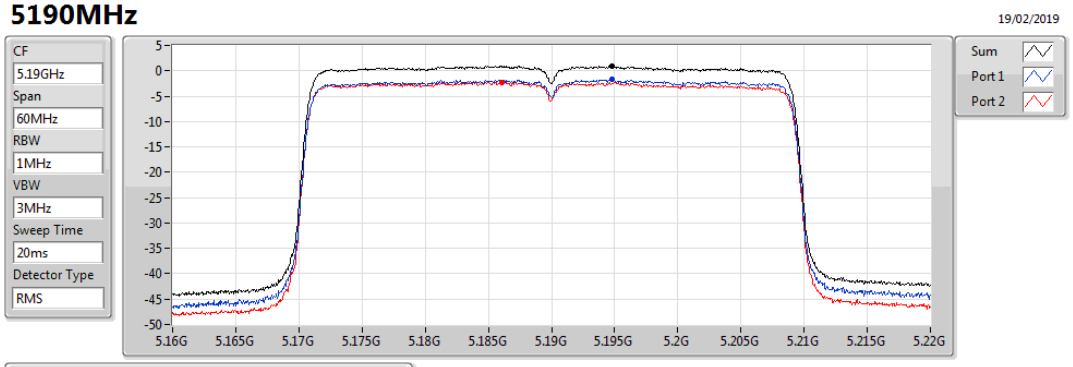
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.00	8.00	5.05	5.09

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

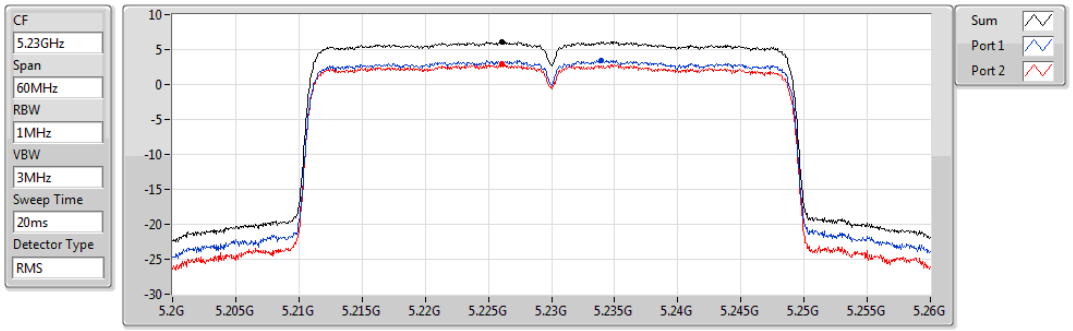
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.92	0.92	-1.72	-2.25

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

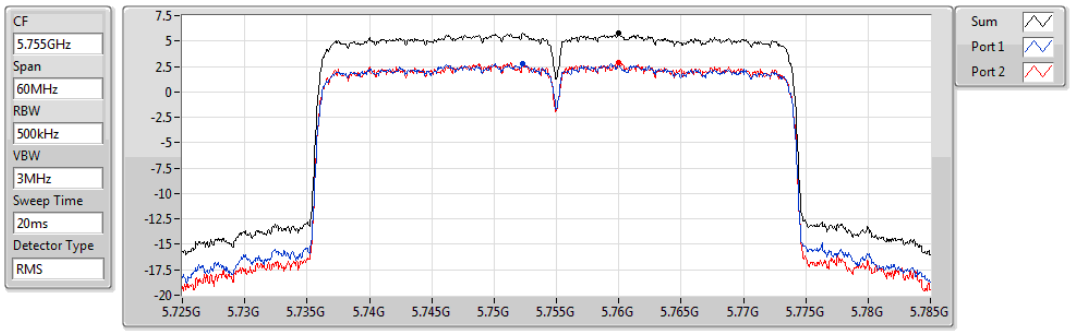
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.08	6.08	3.51	2.92

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

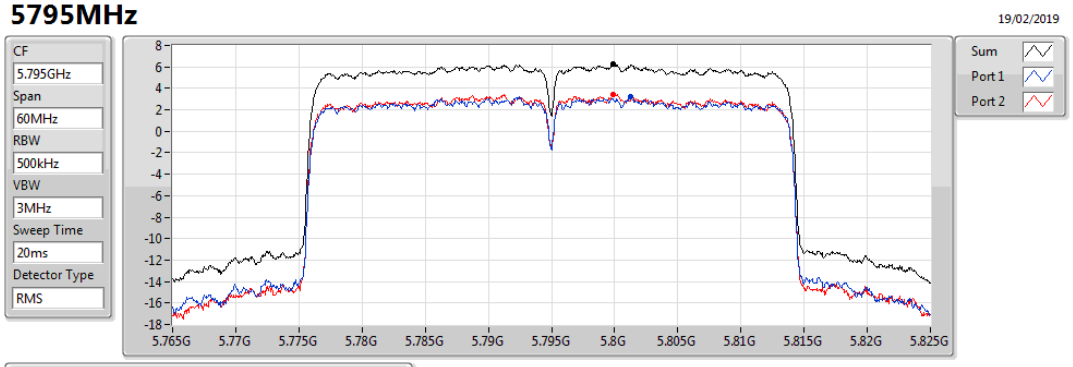
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.80	5.80	2.82	2.91

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

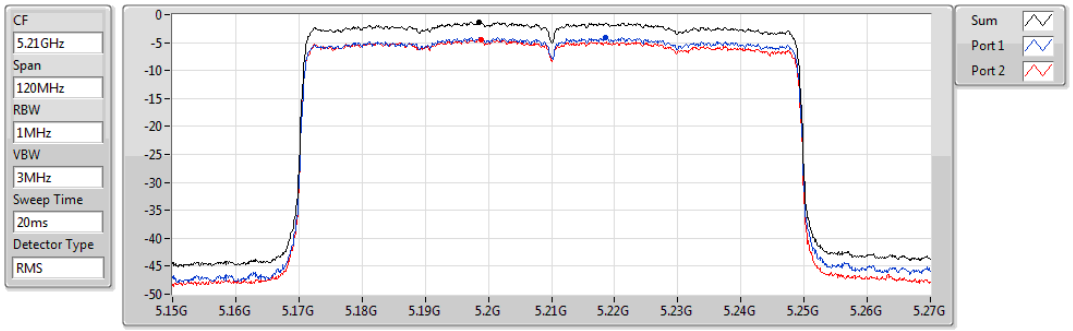
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.24	6.24	3.22	3.41

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

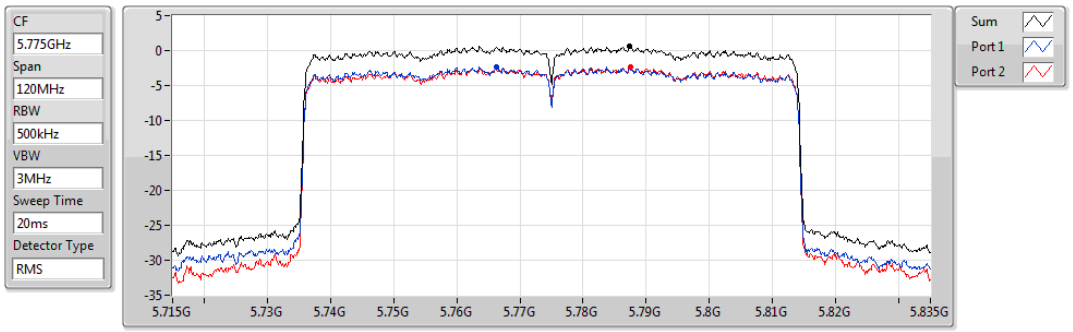
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.39	-1.39	-4.08	-4.55

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

5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.57	0.57	-2.39	-2.39

For Non-beamforming / 4T1S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	12.72
802.11ax HEW20_Nss1,(MCS0)_4TX	13.06
802.11ax HEW40_Nss1,(MCS0)_4TX	6.97
802.11ax HEW80_Nss1,(MCS0)_4TX	0.63
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	10.74
802.11ax HEW20_Nss1,(MCS0)_4TX	10.93
802.11ax HEW40_Nss1,(MCS0)_4TX	7.67
802.11ax HEW80_Nss1,(MCS0)_4TX	1.15

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

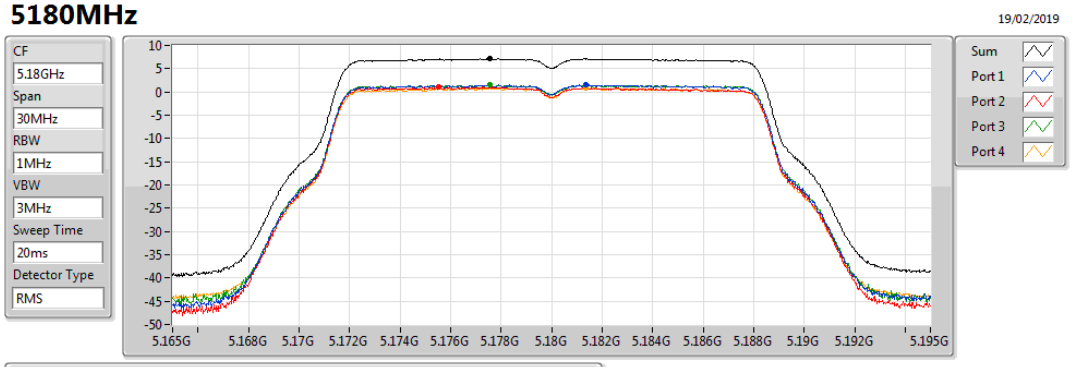
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	1.57	1.11	1.46	0.86	7.17	13.98
5200MHz	Pass	9.02	6.43	6.54	6.34	6.32	12.31	13.98
5240MHz	Pass	9.02	6.83	6.81	7.03	6.48	12.72	13.98
5745MHz	Pass	9.02	4.69	4.51	4.50	4.91	10.45	26.98
5785MHz	Pass	9.02	4.25	4.67	4.47	4.79	10.40	26.98
5825MHz	Pass	9.02	4.57	5.00	4.76	5.24	10.74	26.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	1.86	1.18	1.89	1.01	7.41	13.98
5200MHz	Pass	9.02	5.95	5.77	5.99	5.80	11.80	13.98
5240MHz	Pass	9.02	7.30	7.10	7.26	6.87	13.06	13.98
5745MHz	Pass	9.02	4.93	4.86	4.91	5.31	10.93	26.98
5785MHz	Pass	9.02	4.27	4.63	4.05	4.73	10.33	26.98
5825MHz	Pass	9.02	4.76	4.57	4.46	5.16	10.63	26.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.02	-2.57	-2.83	-2.11	-2.83	3.33	13.98
5230MHz	Pass	9.02	1.73	0.69	0.90	0.80	6.97	13.98
5755MHz	Pass	9.02	-0.59	-0.53	-0.58	-0.17	5.45	26.98
5795MHz	Pass	9.02	1.63	1.44	1.69	2.16	7.67	26.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.02	-4.87	-5.34	-5.30	-5.80	0.63	13.98
5775MHz	Pass	9.02	-4.56	-4.51	-4.52	-5.30	1.15	26.98

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

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

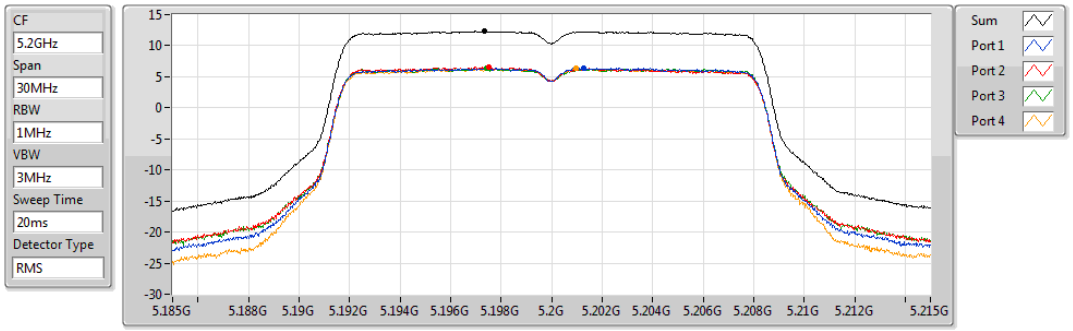
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.17	7.17	1.57	1.11	1.46	0.86

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

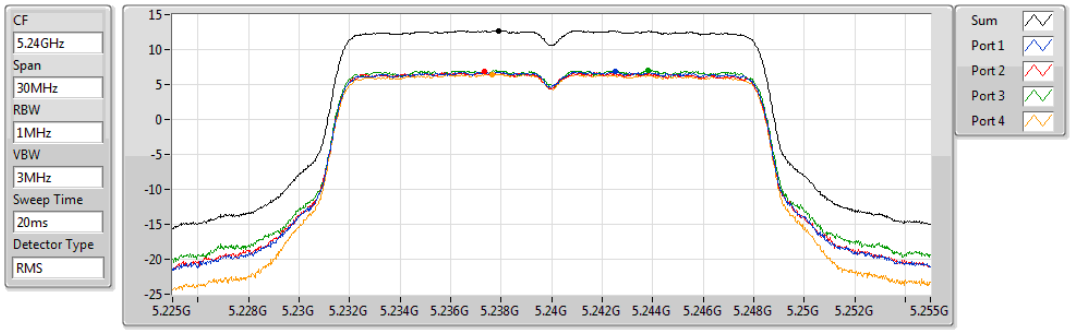
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.31	12.31	6.43	6.54	6.34	6.32

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

5240MHz

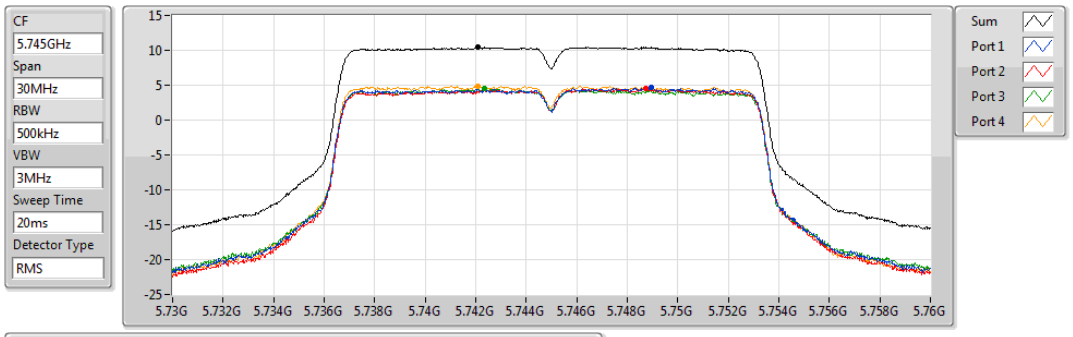


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.72	12.72	6.83	6.81	7.03	6.48

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

5745MHz

19/02/2019

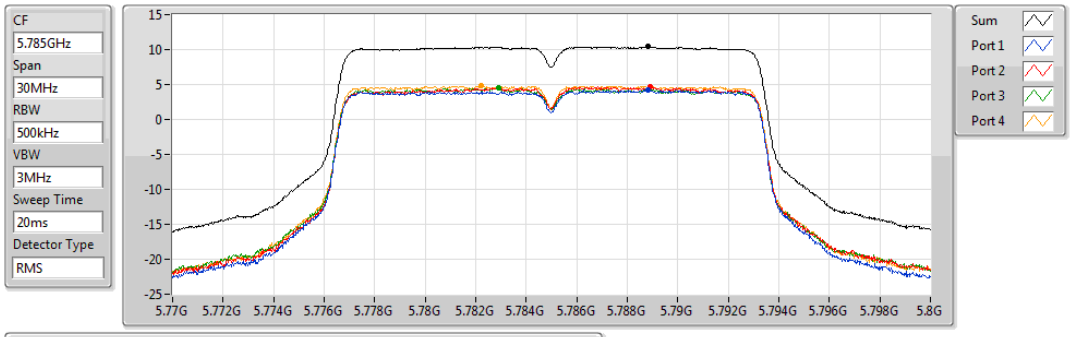


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.45	10.45	4.69	4.51	4.50	4.91

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

5785MHz

19/02/2019

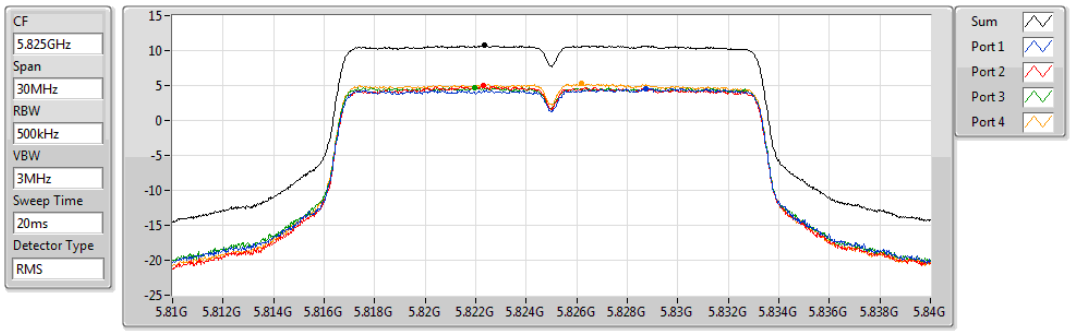


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.40	10.40	4.25	4.67	4.47	4.79

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

5825MHz

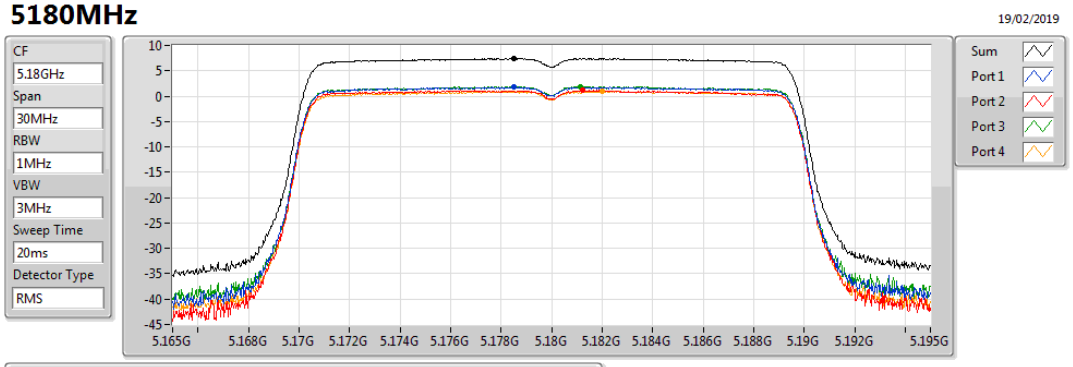
11/02/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.74	10.74	4.57	5.00	4.76	5.24

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

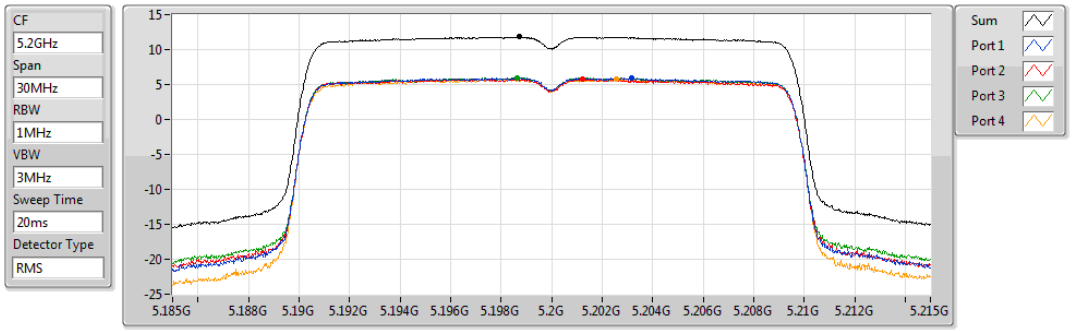
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.41	7.41	1.86	1.18	1.89	1.01

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

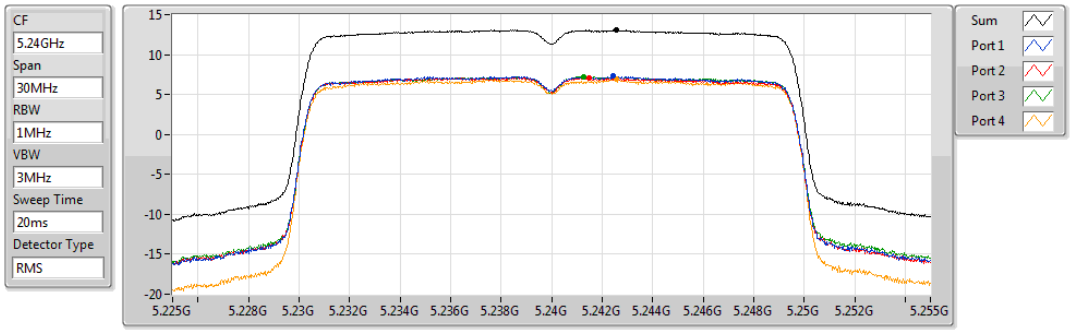
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.80	11.80	5.95	5.77	5.99	5.80

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

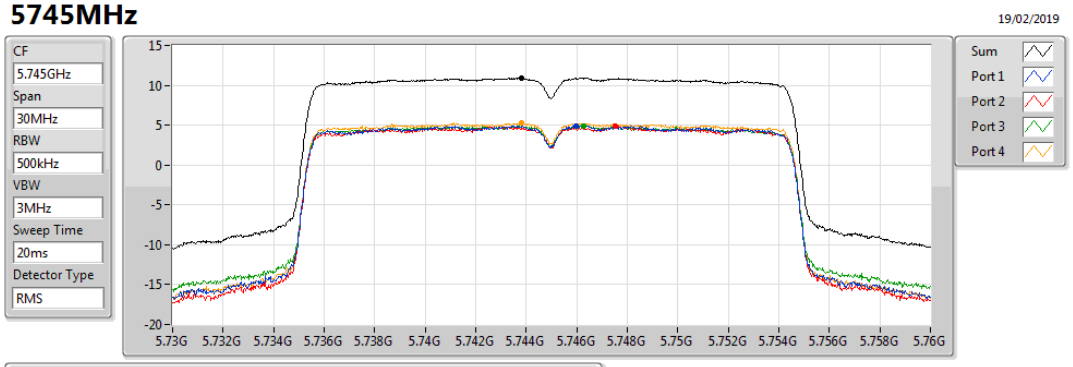
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.06	13.06	7.30	7.10	7.26	6.87

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

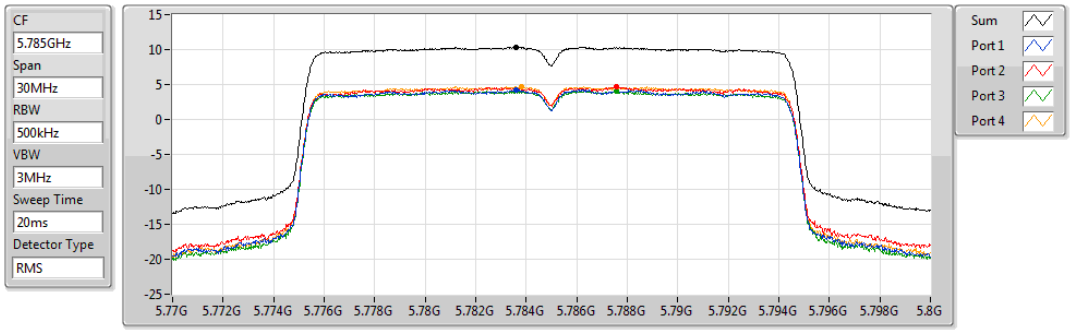
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.93	10.93	4.93	4.86	4.91	5.31

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

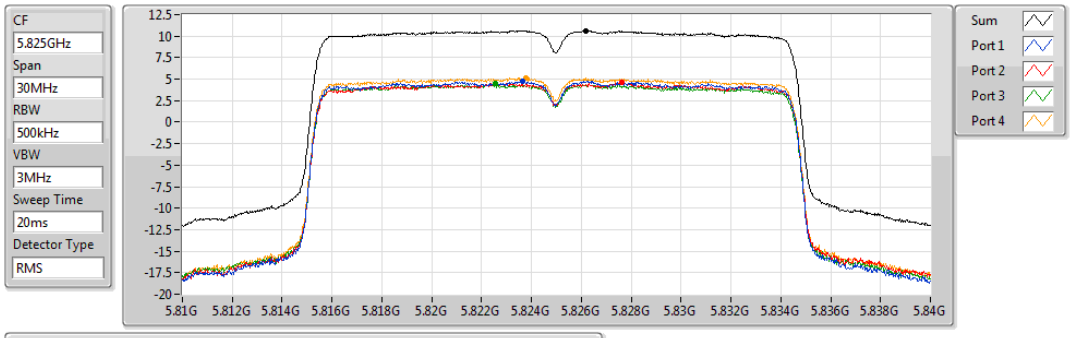
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.33	10.33	4.27	4.63	4.05	4.73

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

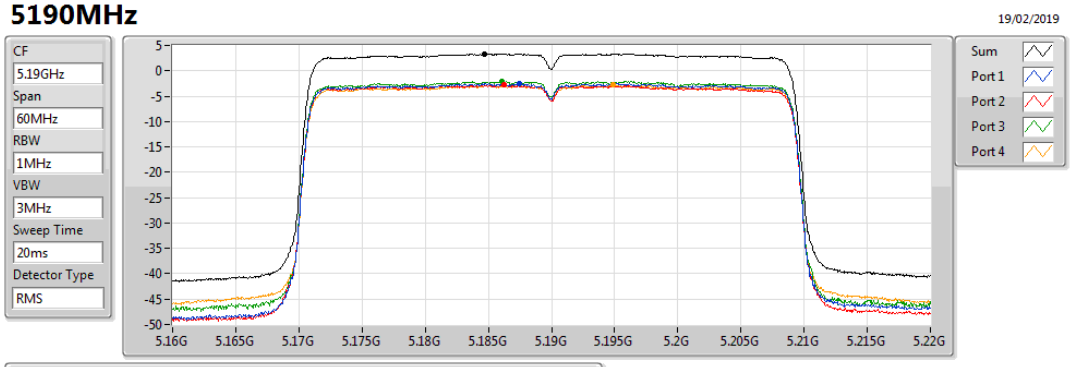
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.63	10.63	4.76	4.57	4.46	5.16

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

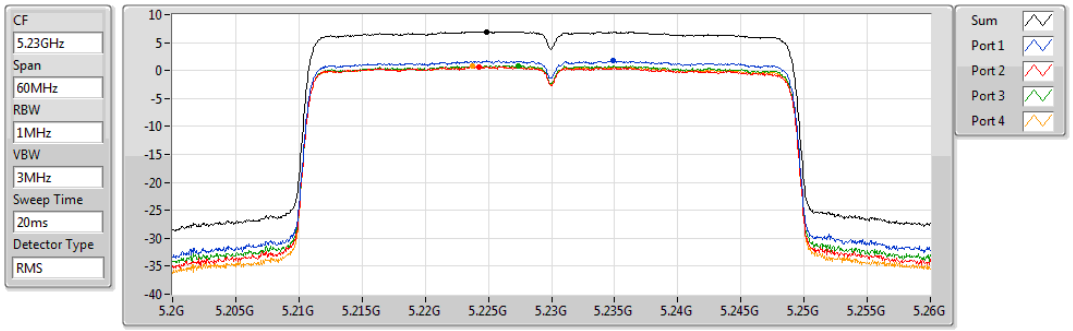
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.33	3.33	-2.57	-2.83	-2.11	-2.83

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

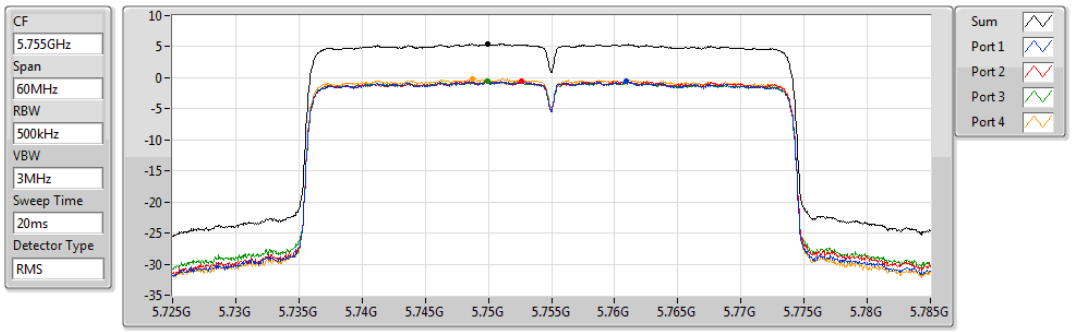
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.97	6.97	1.73	0.69	0.90	0.80

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

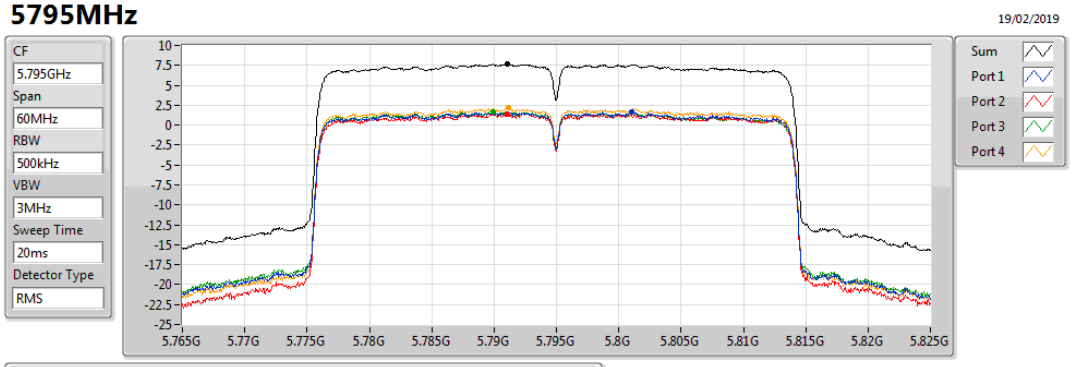
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.45	5.45	-0.59	-0.53	-0.58	-0.17

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

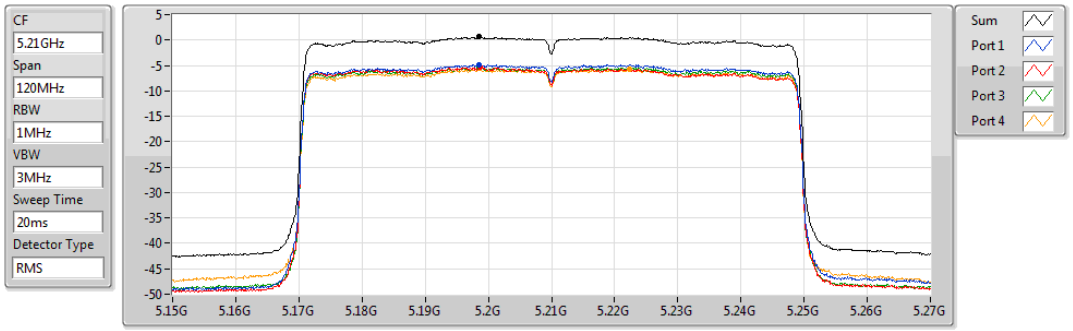
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.67	7.67	1.63	1.44	1.69	2.16

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

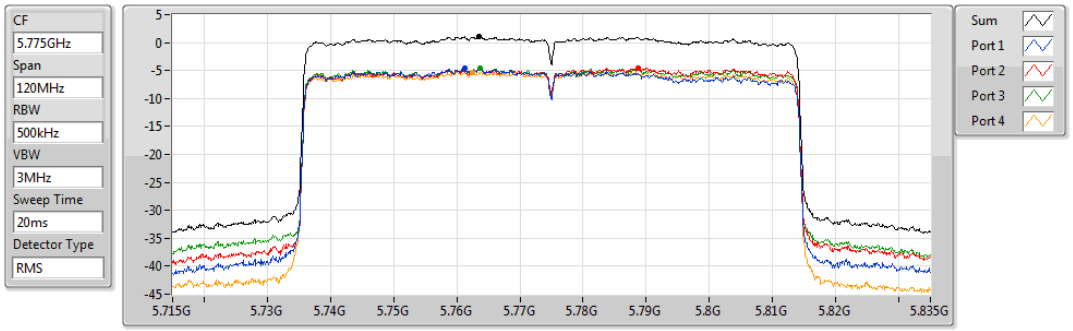
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.63	0.63	-4.87	-5.34	-5.30	-5.80

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

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.15	1.15	-4.56	-4.51	-4.52	-5.30

For Beamforming / 4T1S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.40
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	7.92
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	0.87
5.725-5.85GHz	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.15
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.71
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.23

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

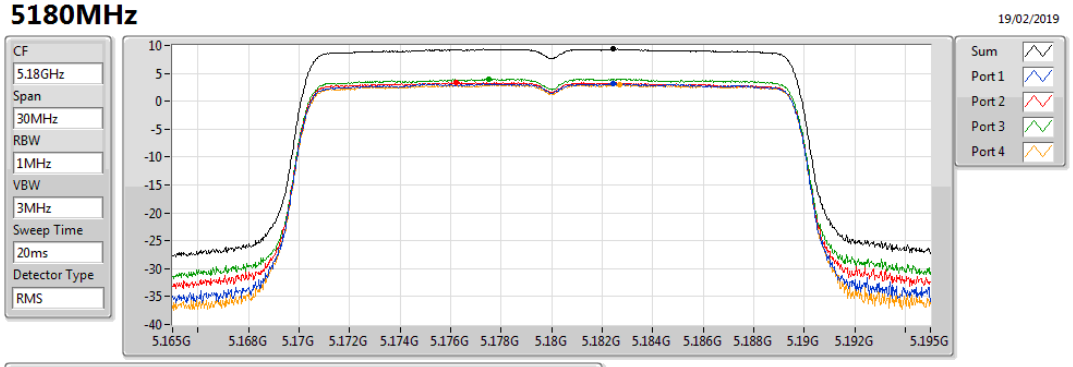
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	9.02	3.15	3.38	3.99	2.98	9.35	13.98
5200MHz	Pass	9.02	6.15	5.64	6.92	5.64	12.07	13.98
5240MHz	Pass	9.02	7.37	7.03	7.90	7.38	13.40	13.98
5745MHz	Pass	9.02	6.44	5.42	6.25	6.32	12.07	26.98
5785MHz	Pass	9.02	5.95	5.59	6.16	6.41	11.95	26.98
5825MHz	Pass	9.02	6.63	5.70	6.06	6.51	12.15	26.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	9.02	-1.01	-1.56	-1.18	-1.74	4.56	13.98
5230MHz	Pass	9.02	1.78	2.15	2.29	1.75	7.92	13.98
5755MHz	Pass	9.02	1.61	1.57	1.96	2.57	7.85	26.98
5795MHz	Pass	9.02	2.60	2.42	2.77	3.18	8.71	26.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	9.02	-4.96	-5.07	-5.12	-5.11	0.87	13.98
5775MHz	Pass	9.02	-3.77	-3.38	-3.41	-3.81	2.23	26.98

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

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

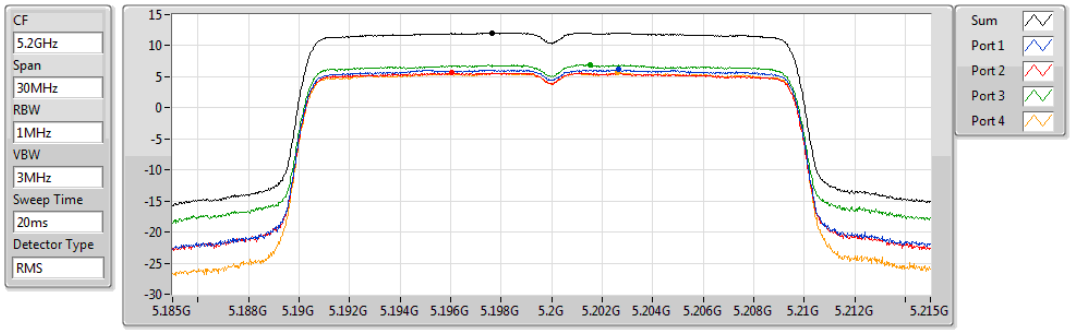
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.35	9.35	3.15	3.38	3.99	2.98

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

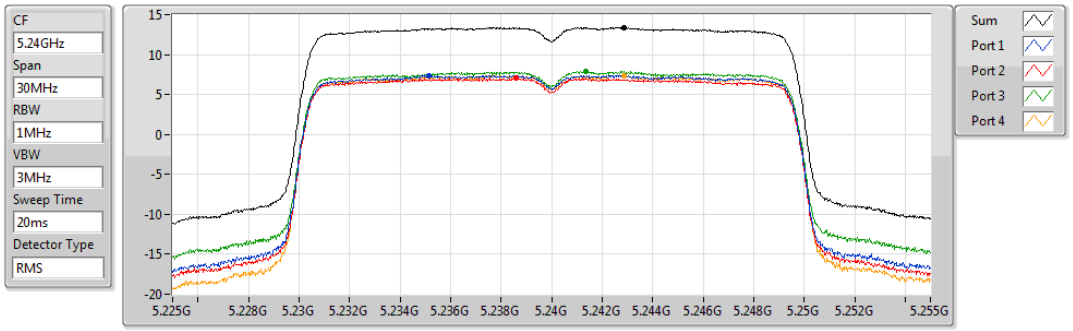
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.07	12.07	6.15	5.64	6.92	5.64

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

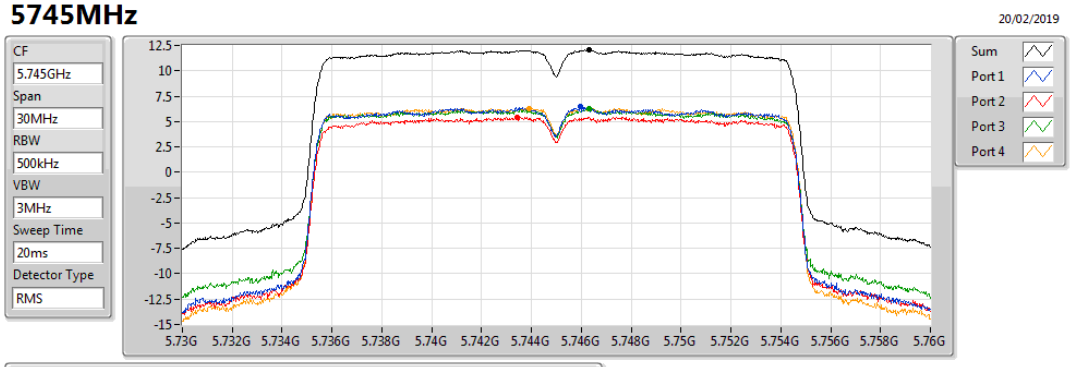
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.40	13.40	7.37	7.03	7.90	7.38

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

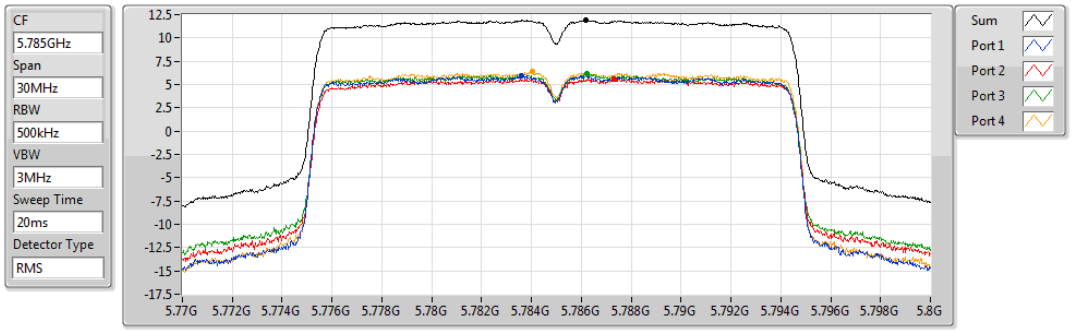
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.07	12.07	6.44	5.42	6.25	6.32

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

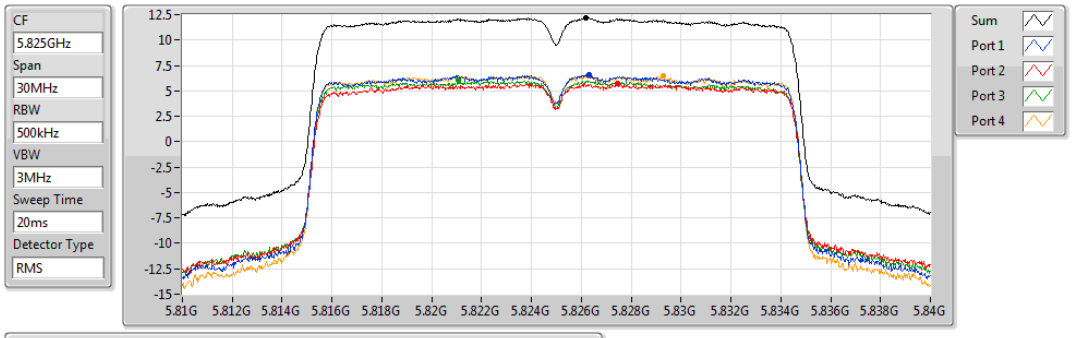
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.95	11.95	5.95	5.59	6.16	6.41

802.11ax HEW20-BF_Nss1,(MCS0)_4TX **PSD**

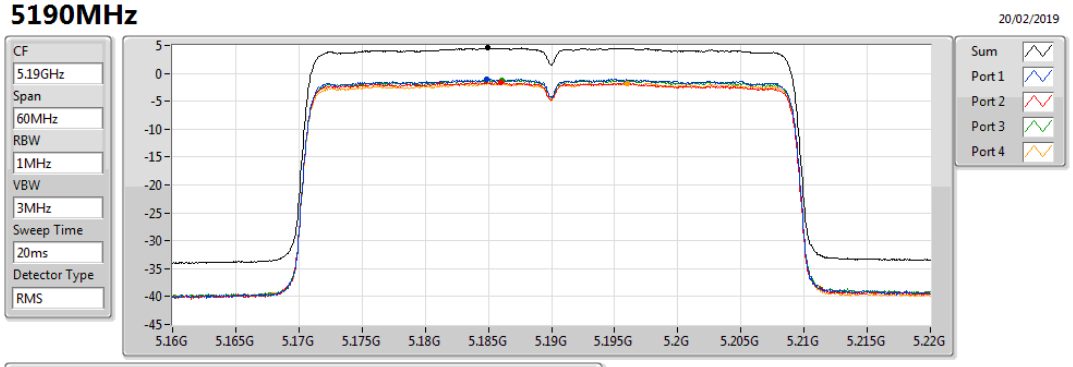
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.15	12.15	6.63	5.70	6.06	6.51

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

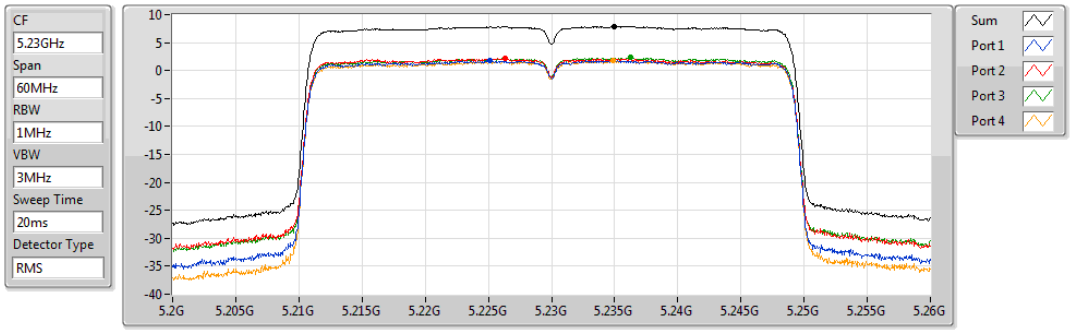
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.56	4.56	-1.01	-1.56	-1.18	-1.74

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

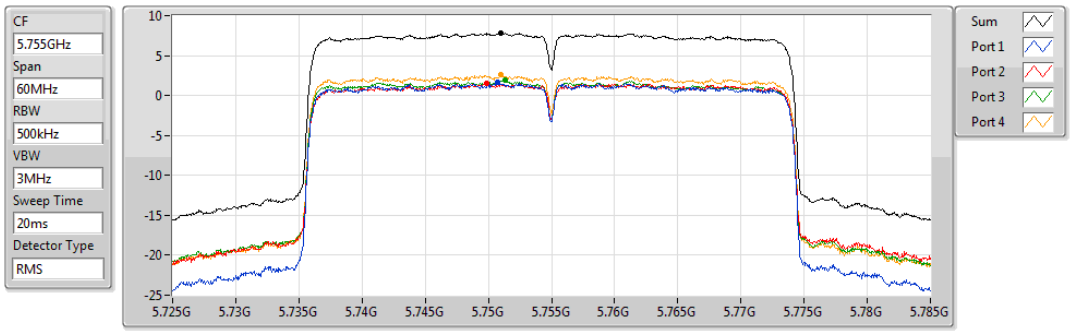
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.92	7.92	1.78	2.15	2.29	1.75

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

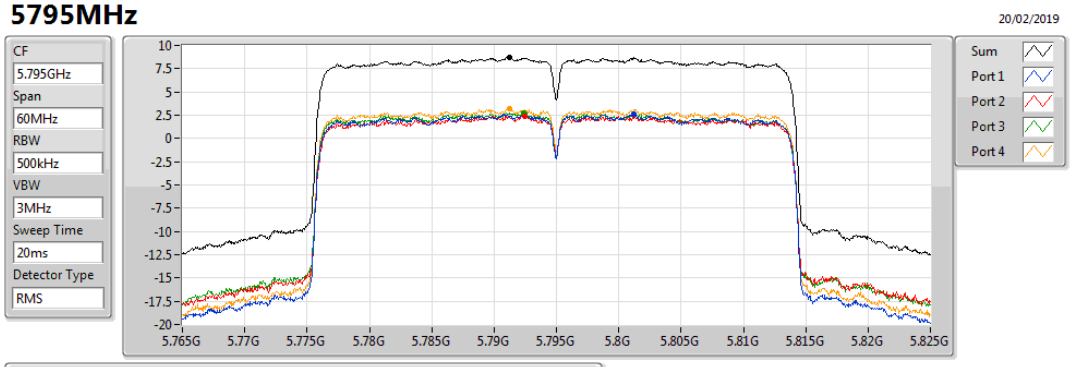
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	1.61	1.57	1.96	2.57

802.11ax HEW40-BF_Nss1,(MCS0)_4TX **PSD**

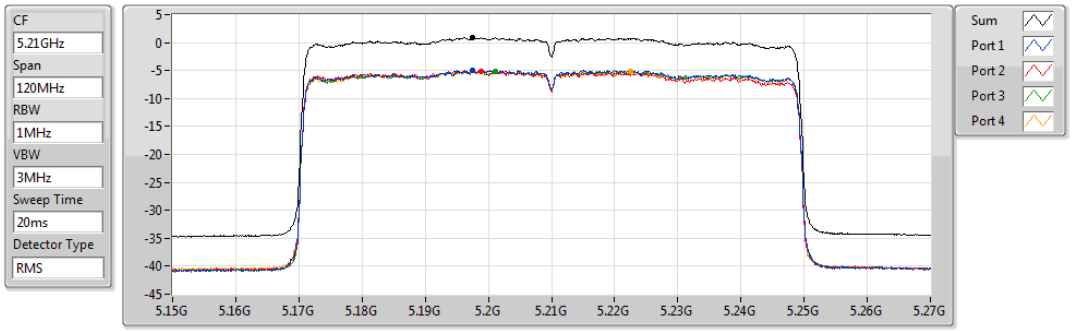
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.71	8.71	2.60	2.42	2.77	3.18

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **PSD**

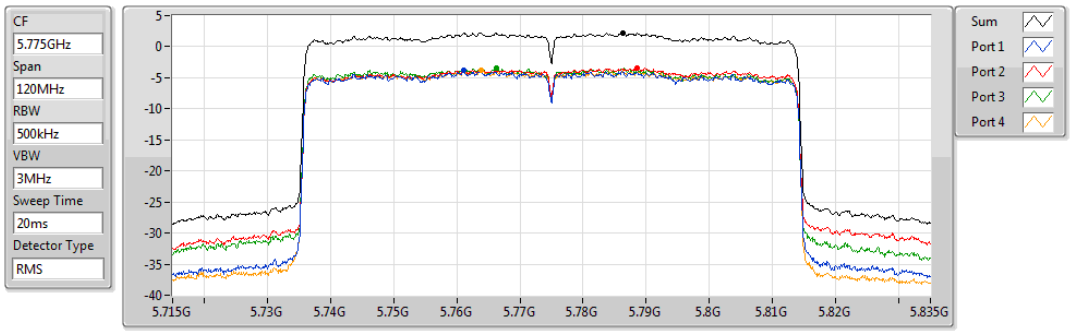
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.87	0.87	-4.96	-5.07	-5.12	-5.11

802.11ax HEW80-BF_Nss1,(MCS0)_4TX **PSD**

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.23	2.23	-3.77	-3.38	-3.41	-3.81

For Non-beamforming / 4T4S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	12.86
802.11ax HEW40_Nss4,(MCS0)_4TX	7.83
802.11ax HEW80_Nss4,(MCS0)_4TX	0.16
5.725-5.85GHz	-
802.11ax HEW20_Nss4,(MCS0)_4TX	11.27
802.11ax HEW40_Nss4,(MCS0)_4TX	7.54
802.11ax HEW80_Nss4,(MCS0)_4TX	2.57

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

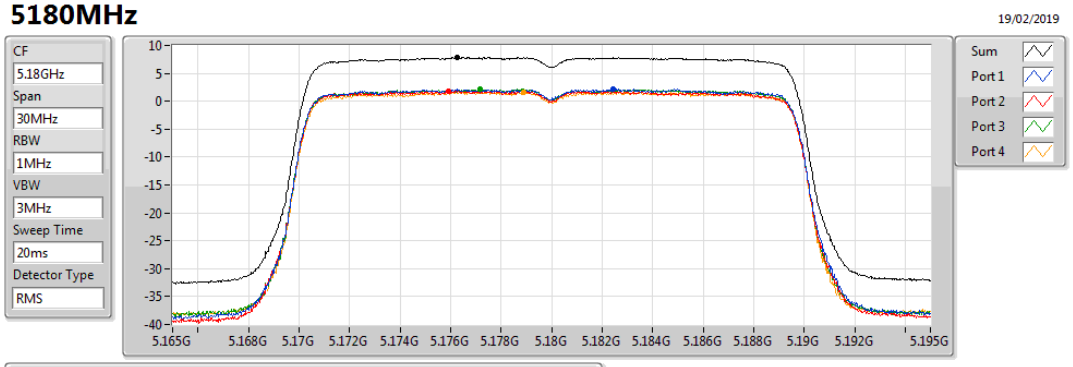
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	3.00	2.21	1.83	2.15	1.63	7.83	17.00
5200MHz	Pass	3.00	6.16	6.15	6.19	6.01	11.97	17.00
5240MHz	Pass	3.00	7.21	6.84	7.06	6.70	12.86	17.00
5745MHz	Pass	3.00	5.37	5.16	5.19	5.84	11.27	30.00
5785MHz	Pass	3.00	4.63	4.28	4.68	4.83	10.46	30.00
5825MHz	Pass	3.00	4.99	4.52	4.99	5.25	10.81	30.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	3.00	-2.30	-2.48	-2.38	-2.96	3.37	17.00
5230MHz	Pass	3.00	2.42	1.74	2.18	1.61	7.83	17.00
5755MHz	Pass	3.00	0.34	0.18	0.60	0.83	6.40	30.00
5795MHz	Pass	3.00	1.65	1.45	1.63	2.02	7.54	30.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	3.00	-5.35	-6.13	-5.63	-5.98	0.16	17.00
5775MHz	Pass	3.00	-3.47	-3.07	-3.11	-3.56	2.57	30.00

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

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

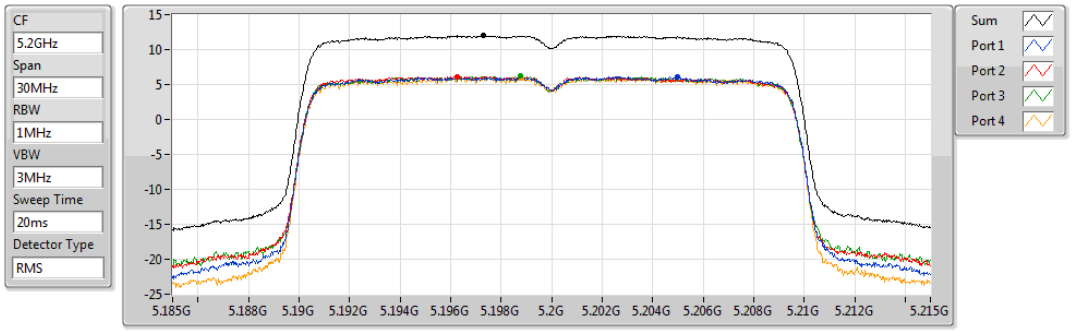
5180MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.83	7.83	2.21	1.83	2.15	1.63

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

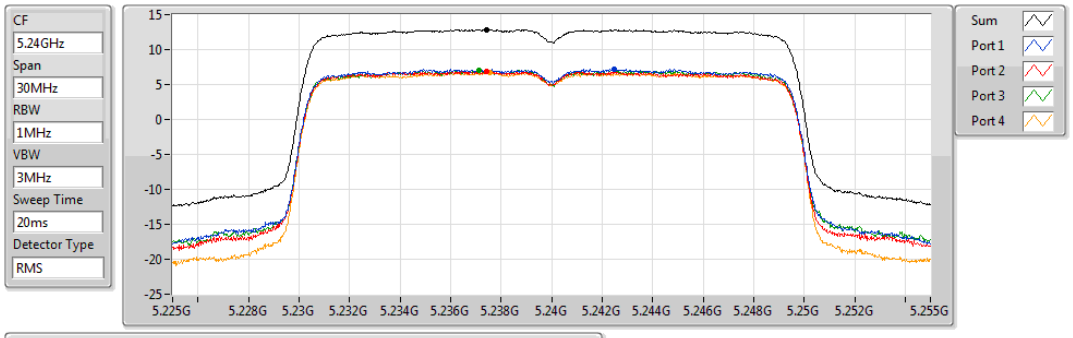
5200MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.97	11.97	6.16	6.15	6.19	6.01

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

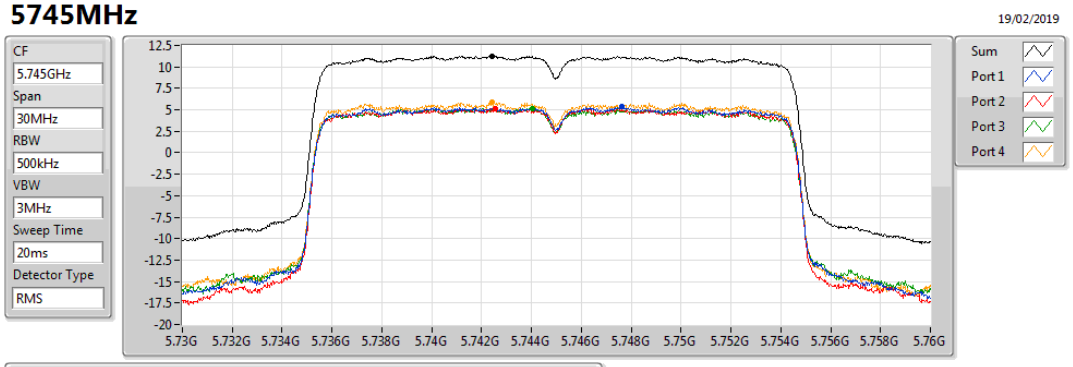
5240MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.86	12.86	7.21	6.84	7.06	6.70

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

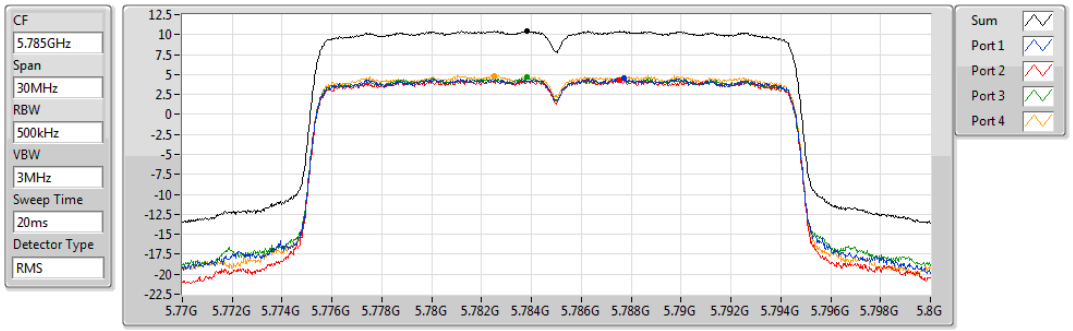
5745MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.27	11.27	5.37	5.16	5.19	5.84

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

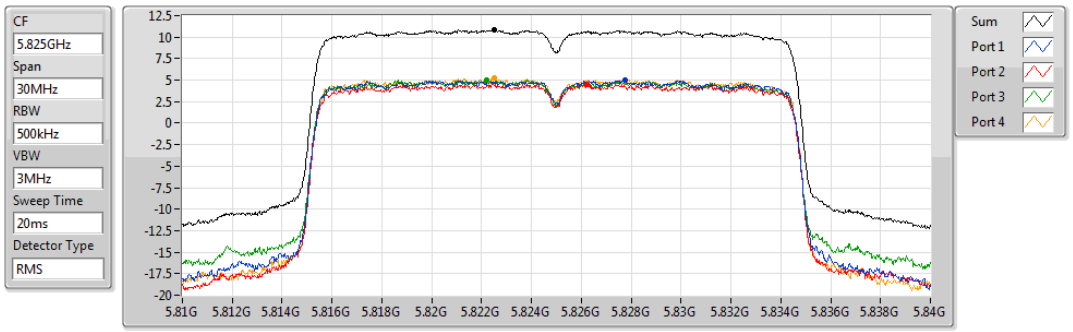
5785MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.46	10.46	4.63	4.28	4.68	4.83

802.11ax HEW20_Nss4,(MCS0)_4TX **PSD**

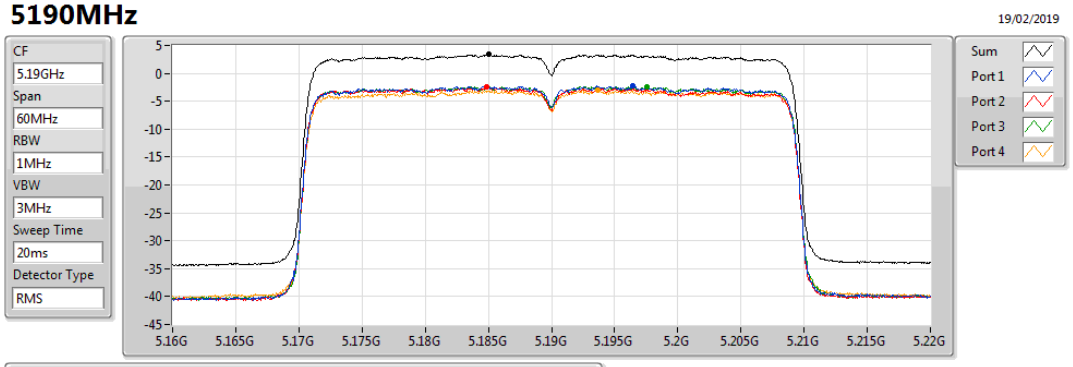
5825MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.81	10.81	4.99	4.52	4.99	5.25

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

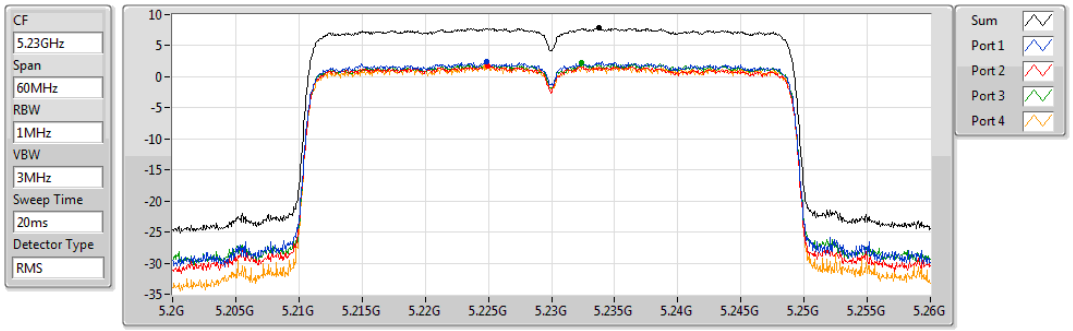
5190MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.37	3.37	-2.30	-2.48	-2.38	-2.96

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

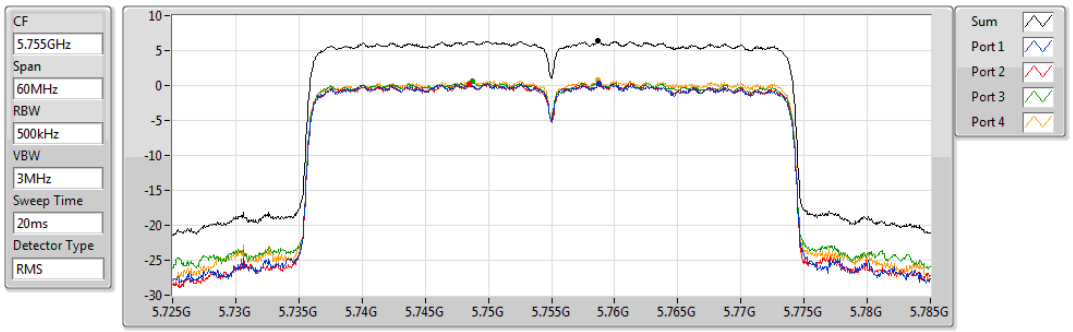
5230MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.83	7.83	2.42	1.74	2.18	1.61

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

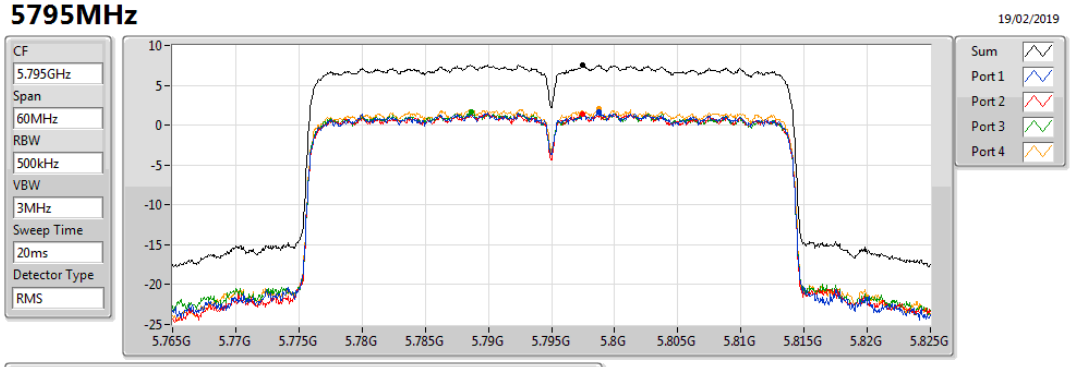
5755MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.40	6.40	0.34	0.18	0.60	0.83

802.11ax HEW40_Nss4,(MCS0)_4TX **PSD**

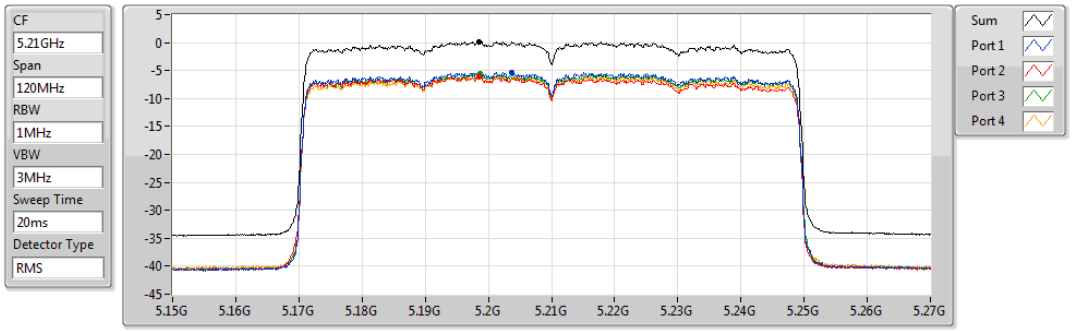
5795MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.54	7.54	1.65	1.45	1.63	2.02

802.11ax HEW80_Nss4,(MCS0)_4TX **PSD**

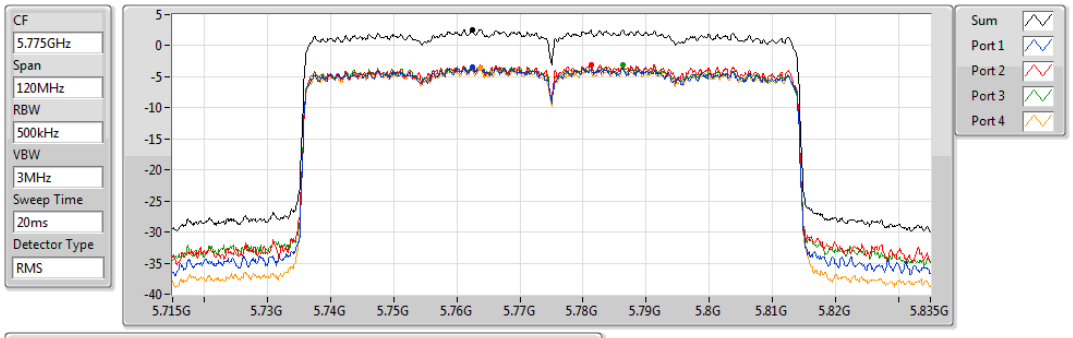
5210MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.16	0.16	-5.35	-6.13	-5.63	-5.98

802.11ax HEW80_Nss4,(MCS0)_4TX **PSD**

5775MHz



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.57	2.57	-3.47	-3.07	-3.11	-3.56

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

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.85
802.11ax HEW20_Nss1,(MCS0)_1TX	6.96
802.11ax HEW40_Nss1,(MCS0)_1TX	2.15
802.11ax HEW80_Nss1,(MCS0)_1TX	-4.84
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.07
802.11ax HEW20_Nss1,(MCS0)_1TX	6.07
802.11ax HEW40_Nss1,(MCS0)_1TX	2.63
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.82

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

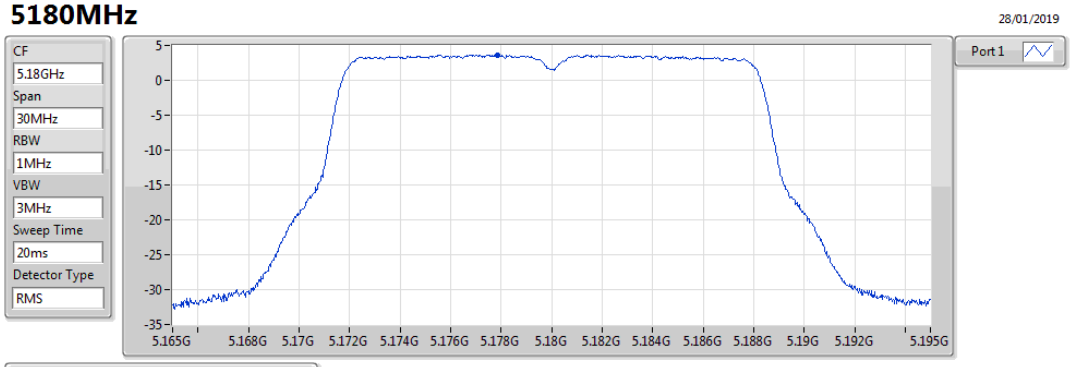
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	6.00	3.64	3.64	17.00
5200MHz	Pass	6.00	7.44	7.44	17.00
5240MHz	Pass	6.00	7.85	7.85	17.00
5745MHz	Pass	6.00	6.07	6.07	30.00
5785MHz	Pass	6.00	5.33	5.33	30.00
5825MHz	Pass	6.00	4.37	4.37	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	6.00	2.45	2.45	17.00
5200MHz	Pass	6.00	6.33	6.33	17.00
5240MHz	Pass	6.00	6.96	6.96	17.00
5745MHz	Pass	6.00	6.07	6.07	30.00
5785MHz	Pass	6.00	4.36	4.36	30.00
5825MHz	Pass	6.00	3.91	3.91	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	6.00	-1.80	-1.80	17.00
5230MHz	Pass	6.00	2.15	2.15	17.00
5755MHz	Pass	6.00	1.06	1.06	30.00
5795MHz	Pass	6.00	2.63	2.63	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	6.00	-4.84	-4.84	17.00
5775MHz	Pass	6.00	-3.82	-3.82	30.00

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

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

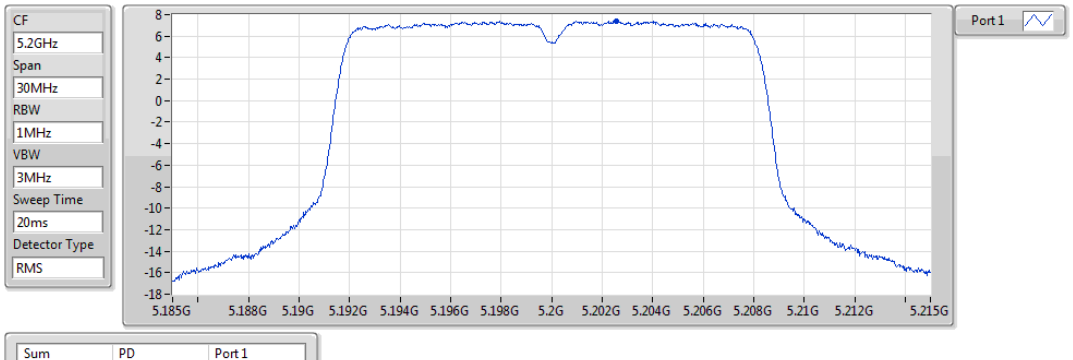
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.64	3.64	3.64

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

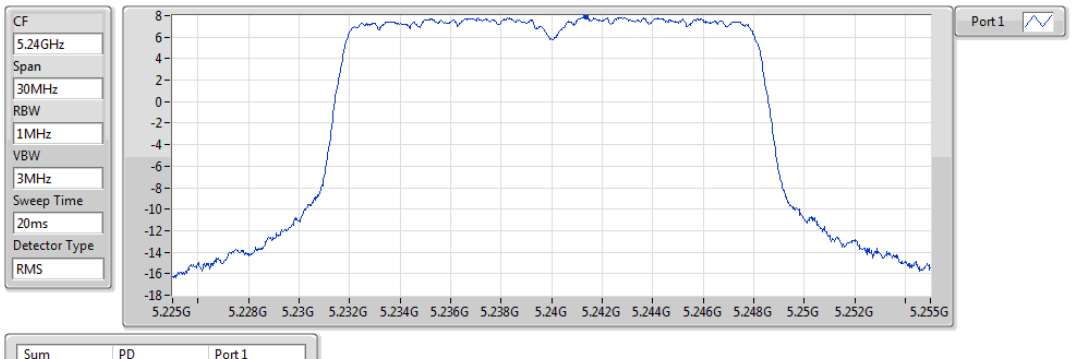
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.44	7.44	7.44

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

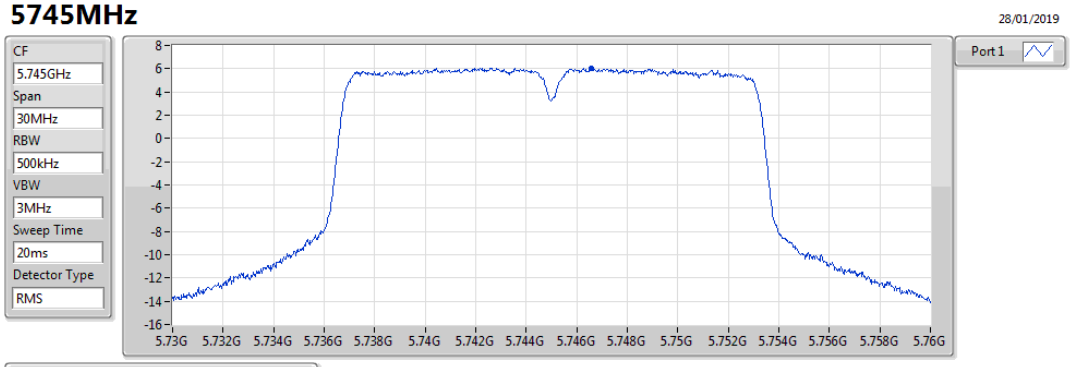
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	7.85

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

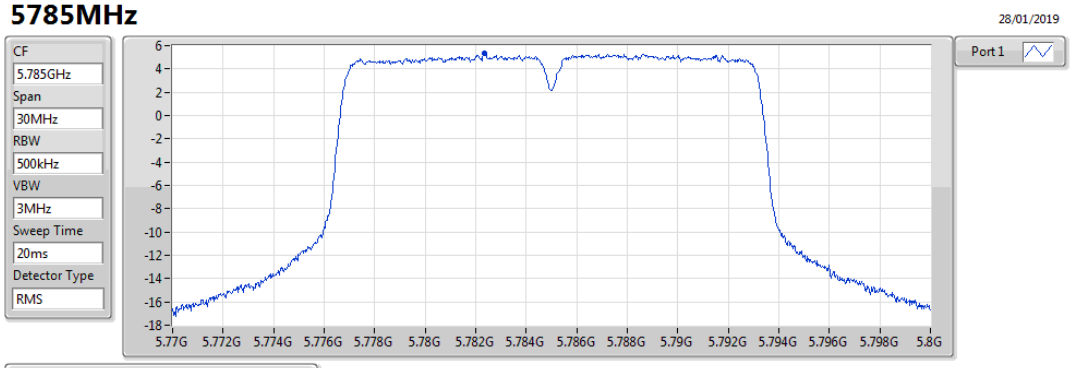
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.07	6.07	6.07

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

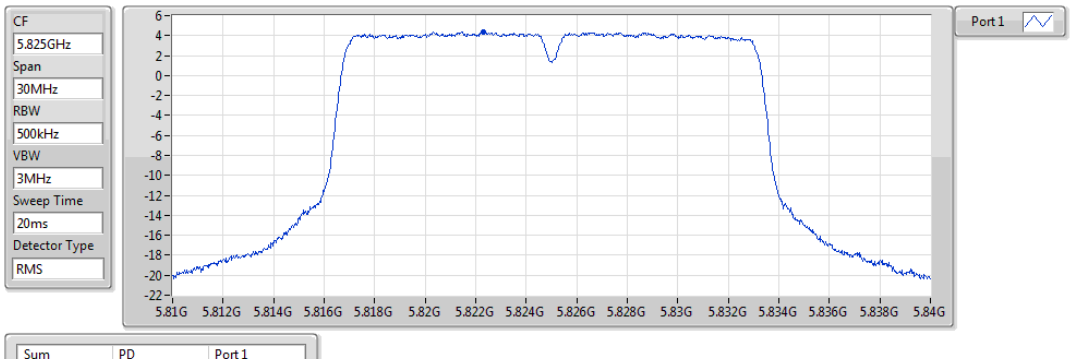
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.33	5.33	5.33

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

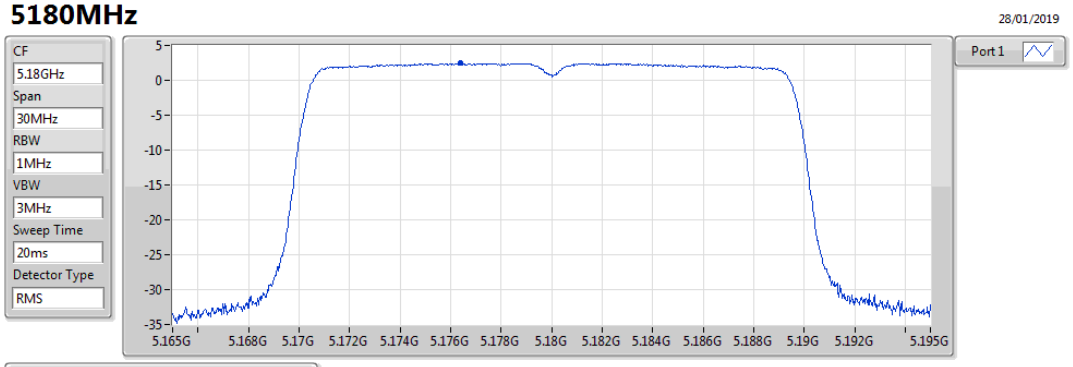
5825MHz



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

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

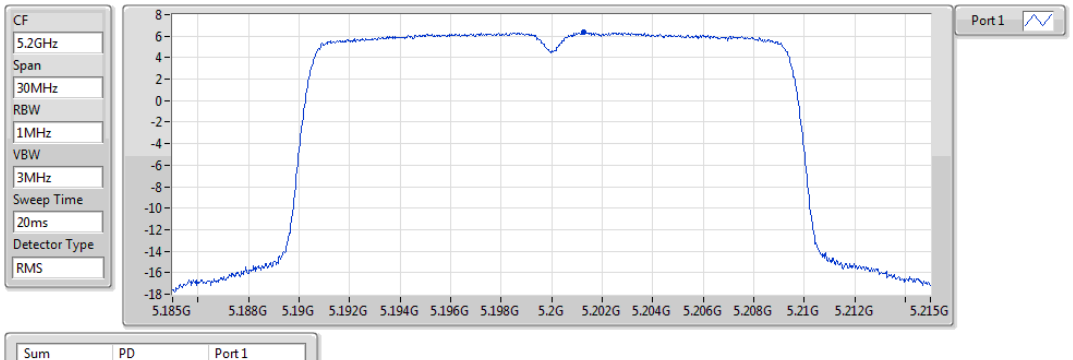
5180MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.45	2.45	2.45

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

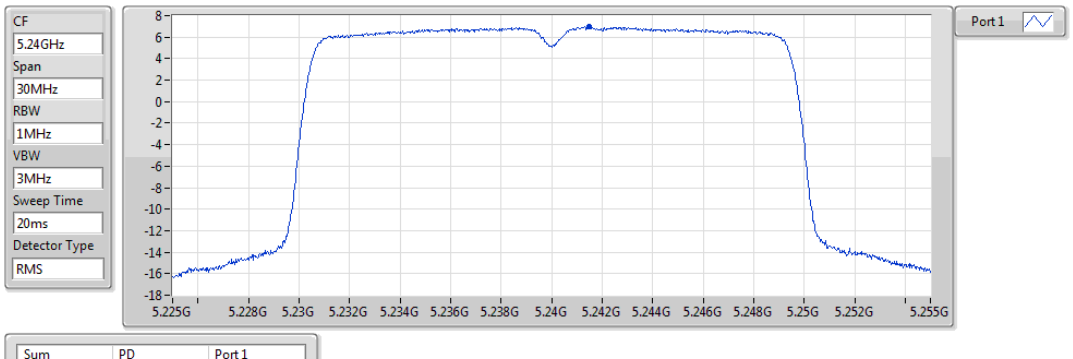
5200MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.33	6.33	6.33

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

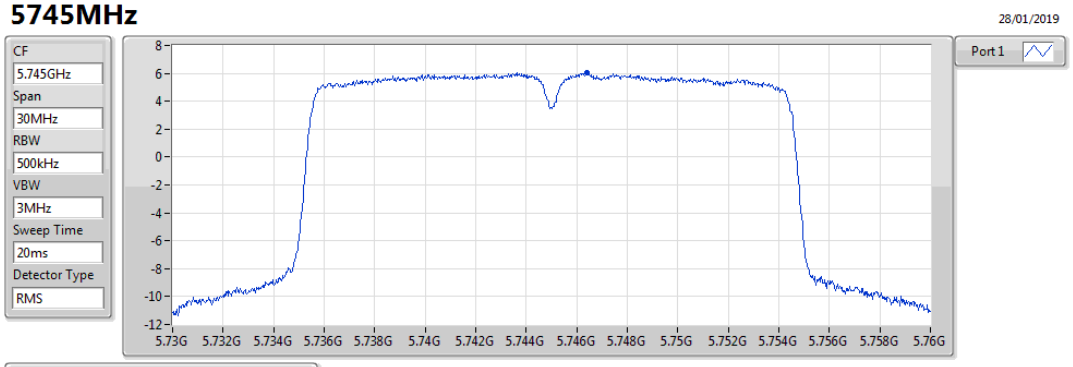
5240MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.96	6.96	6.96

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

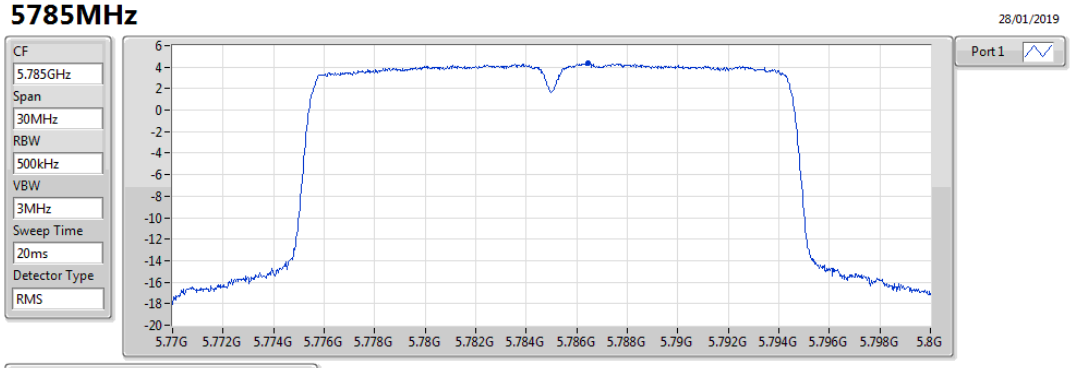
5745MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.07	6.07	6.07

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

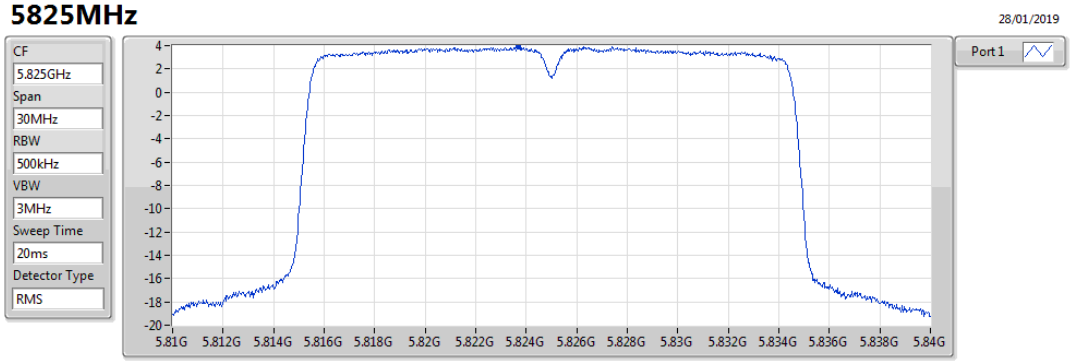
5785MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.36	4.36	4.36

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

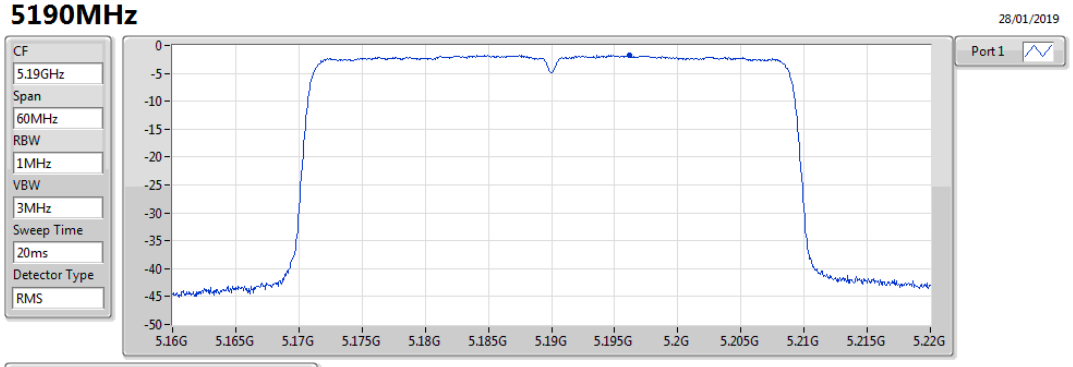
5825MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.91	3.91	3.91

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

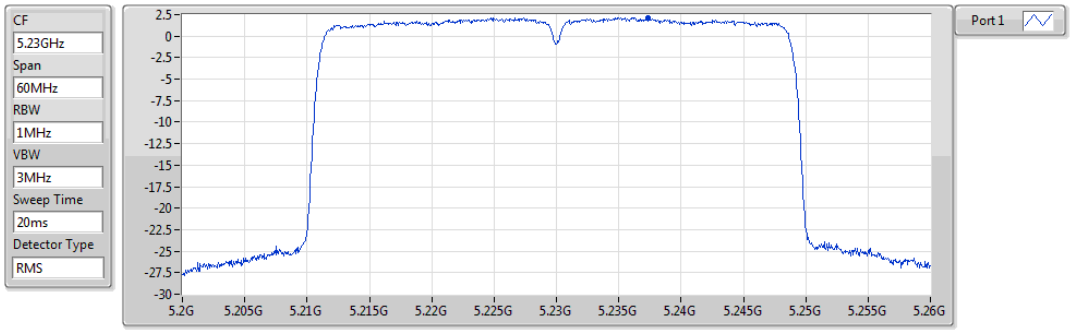
5190MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.80	-1.80	-1.80

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

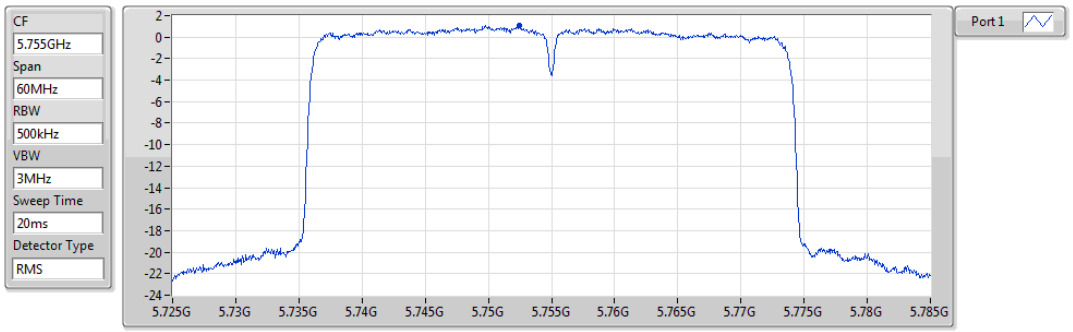
5230MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.15	2.15	2.15

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

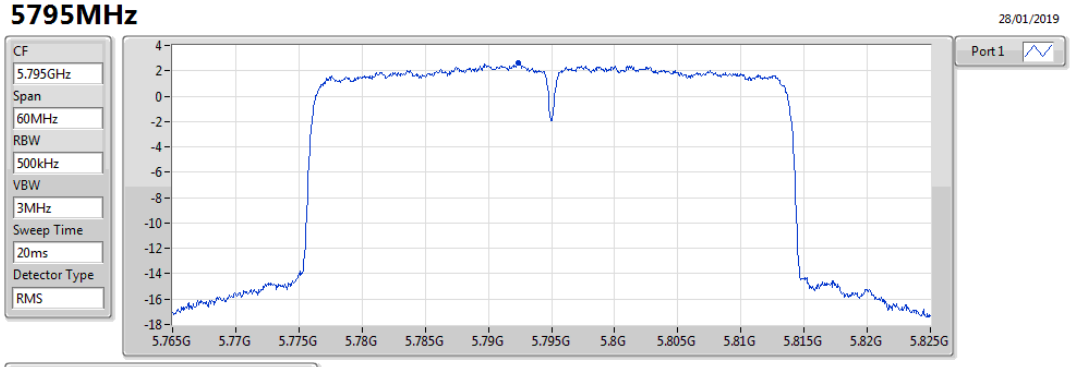
5755MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.06	1.06	1.06

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

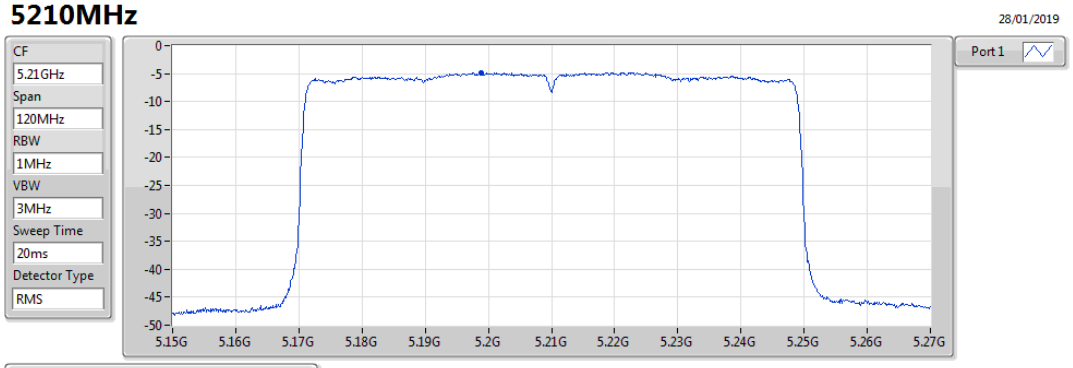
5795MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.63	2.63	2.63

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

5210MHz



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.84	-4.84	-4.84

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

5775MHz

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.82	-3.82	-3.82

For Non-beamforming / 2T2S mode
Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	10.00
802.11ax HEW40_Nss2,(MCS0)_2TX	4.68
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.49
5.725-5.85GHz	-
802.11ax HEW20_Nss2,(MCS0)_2TX	8.84
802.11ax HEW40_Nss2,(MCS0)_2TX	5.11
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.08

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

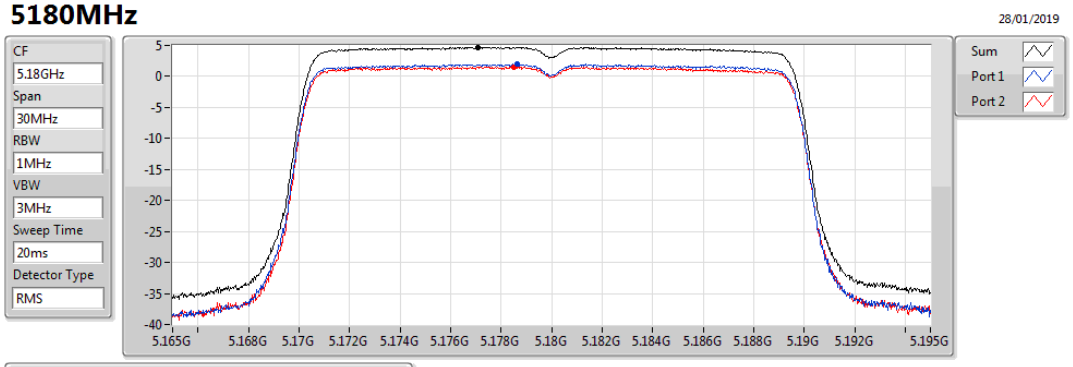
Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	6.00	1.97	1.54	4.72	17.00
5200MHz	Pass	6.00	5.46	5.10	8.26	17.00
5240MHz	Pass	6.00	7.21	6.96	10.00	17.00
5745MHz	Pass	6.00	5.94	5.82	8.84	30.00
5785MHz	Pass	6.00	4.44	4.27	7.34	30.00
5825MHz	Pass	6.00	4.10	4.12	6.98	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	6.00	-2.10	-1.99	0.85	17.00
5230MHz	Pass	6.00	1.86	1.65	4.68	17.00
5755MHz	Pass	6.00	0.60	1.01	3.70	30.00
5795MHz	Pass	6.00	2.05	2.35	5.11	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	6.00	-5.02	-5.81	-2.49	17.00
5775MHz	Pass	6.00	-5.21	-4.97	-2.08	30.00

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

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

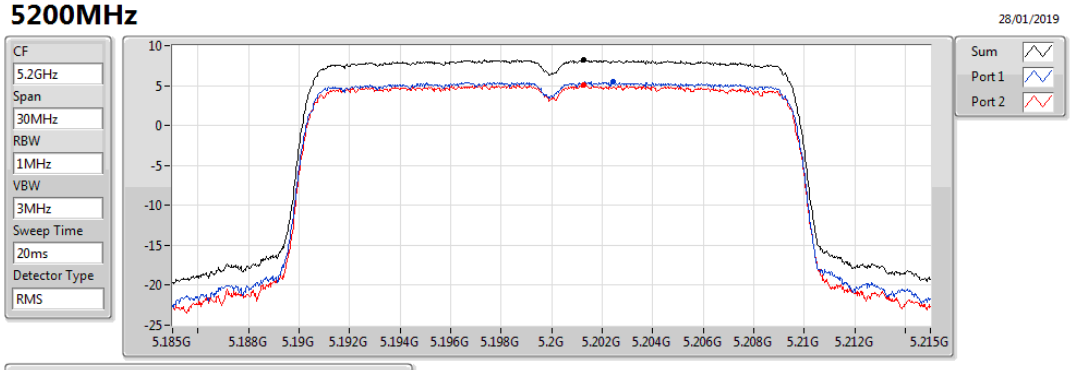
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.72	4.72	1.97	1.54

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

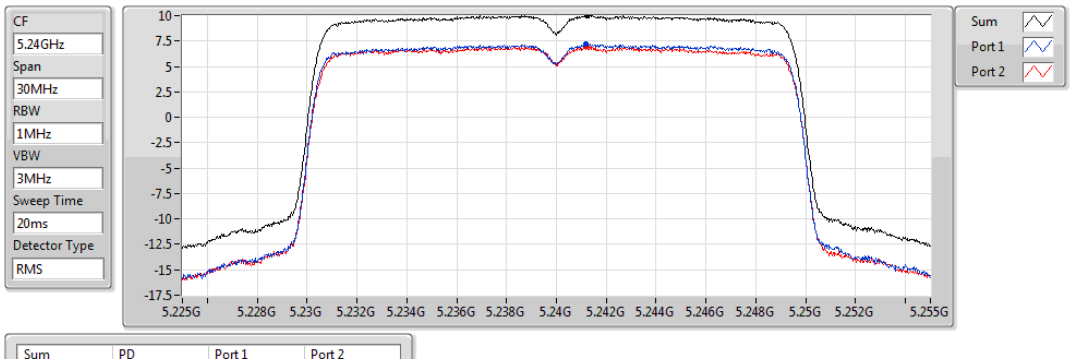
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.26	8.26	5.46	5.10

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

5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.00	10.00	7.21	6.96