

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	17.09	17.23	20.17	25.30	30.87	36.00
5200MHz	Pass	10.70	18.41	18.21	21.32	25.30	32.02	36.00
5240MHz	Pass	10.70	18.15	18.01	21.09	25.30	31.79	36.00
5745MHz	Pass	10.70	21.58	21.59	24.60	25.30	35.30	36.00
5785MHz	Pass	10.70	21.68	21.46	24.58	25.30	35.28	36.00
5825MHz	Pass	10.70	21.31	21.47	24.40	25.30	35.10	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	17.17	16.90	20.05	25.30	30.75	36.00
5200MHz	Pass	10.70	21.25	21.05	24.16	25.30	34.86	36.00
5240MHz	Pass	10.70	21.30	21.16	24.24	25.30	34.94	36.00
5745MHz	Pass	10.70	21.40	21.43	24.43	25.30	35.13	36.00
5785MHz	Pass	10.70	21.58	21.32	24.46	25.30	35.16	36.00
5825MHz	Pass	10.70	21.34	21.40	24.38	25.30	35.08	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	14.40	14.69	17.56	25.30	28.26	36.00
5230MHz	Pass	10.70	20.75	20.69	23.73	25.30	34.43	36.00
5755MHz	Pass	10.70	21.28	20.91	24.11	25.30	34.81	36.00
5795MHz	Pass	10.70	21.52	21.48	24.51	25.30	35.21	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	13.93	14.04	17.00	25.30	27.70	36.00
5775MHz	Pass	10.70	19.30	19.33	22.33	25.30	33.03	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	17.33	17.33	20.34	25.30	31.04	36.00
5200MHz	Pass	10.70	21.30	21.07	24.20	25.30	34.90	36.00
5240MHz	Pass	10.70	21.47	21.10	24.30	25.30	35.00	36.00
5745MHz	Pass	10.70	21.66	21.69	24.69	25.30	35.39	36.00
5785MHz	Pass	10.70	21.64	21.43	24.55	25.30	35.25	36.00
5825MHz	Pass	10.70	21.43	21.49	24.47	25.30	35.17	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	14.48	14.83	17.67	25.30	28.37	36.00
5230MHz	Pass	10.70	20.74	20.95	23.86	25.30	34.56	36.00
5755MHz	Pass	10.70	21.34	21.26	24.31	25.30	35.01	36.00
5795MHz	Pass	10.70	21.57	21.56	24.58	25.30	35.28	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	14.01	14.35	17.19	25.30	27.89	36.00
5775MHz	Pass	10.70	19.53	19.41	22.48	25.30	33.18	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	25.80	0.38019	33.93	2.47172
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	22.83	0.19187	30.96	1.24738
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	17.77	0.05984	25.90	0.38905
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	26.24	0.42073	34.37	2.73527
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.85	0.19275	30.98	1.25314
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.17	0.06561	26.30	0.42658
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	27.05	0.50699	35.18	3.29610
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	26.28	0.42462	34.41	2.76058
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	23.74	0.23659	31.87	1.53815
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	27.22	0.52723	35.35	3.42768
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	26.29	0.42560	34.42	2.76694
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.87	0.24378	32.00	1.58489

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.13	19.33	18.87	22.12	27.87	30.25	36.00
5200MHz	Pass	8.13	23.16	22.38	25.80	27.87	33.93	36.00
5240MHz	Pass	8.13	20.31	20.21	23.27	27.87	31.40	36.00
5745MHz	Pass	8.13	21.68	21.09	24.41	27.87	32.54	36.00
5785MHz	Pass	8.13	24.16	23.90	27.04	27.87	35.17	36.00
5825MHz	Pass	8.13	24.16	23.92	27.05	27.87	35.18	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.13	16.27	16.68	19.49	27.87	27.62	36.00
5230MHz	Pass	8.13	19.61	20.02	22.83	27.87	30.96	36.00
5755MHz	Pass	8.13	22.34	21.88	25.13	27.87	33.26	36.00
5795MHz	Pass	8.13	23.64	22.87	26.28	27.87	34.41	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.13	14.69	14.82	17.77	27.87	25.90	36.00
5775MHz	Pass	8.13	20.73	20.72	23.74	27.87	31.87	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.13	19.66	19.47	22.58	27.87	30.71	36.00
5200MHz	Pass	8.13	23.53	22.90	26.24	27.87	34.37	36.00
5240MHz	Pass	8.13	20.88	20.56	23.73	27.87	31.86	36.00
5745MHz	Pass	8.13	21.66	21.53	24.61	27.87	32.74	36.00
5785MHz	Pass	8.13	24.35	24.06	27.22	27.87	35.35	36.00
5825MHz	Pass	8.13	24.28	24.13	27.22	27.87	35.35	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.13	16.44	16.78	19.62	27.87	27.75	36.00
5230MHz	Pass	8.13	19.89	19.79	22.85	27.87	30.98	36.00
5755MHz	Pass	8.13	22.45	22.65	25.56	27.87	33.69	36.00
5795MHz	Pass	8.13	23.47	23.09	26.29	27.87	34.42	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.13	15.10	15.22	18.17	27.87	26.30	36.00
5775MHz	Pass	8.13	20.77	20.95	23.87	27.87	32.00	36.00

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

**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.74	0.29785	32.53	1.79061
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	23.00	0.19953	30.79	1.19950
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	19.43	0.08770	27.22	0.52723
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.90	0.30903	32.69	1.85780
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.13	0.20559	30.92	1.23595
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.67	0.09268	27.46	0.55719
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	25.52	0.35645	33.31	2.14289
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	26.12	0.40926	33.91	2.46037
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	23.59	0.22856	31.38	1.37404
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.79	0.37931	33.58	2.28034
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	26.16	0.41305	33.95	2.48313
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	24.25	0.26607	32.04	1.59956

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.79	17.73	17.84	20.80	28.21	28.59	36.00
5200MHz_TnomVnom	Pass	7.79	21.68	21.77	24.74	28.21	32.53	36.00
5240MHz_TnomVnom	Pass	7.79	20.69	20.68	23.70	28.21	31.49	36.00
5745MHz_TnomVnom	Pass	7.79	22.45	22.50	25.49	28.21	33.28	36.00
5785MHz_TnomVnom	Pass	7.79	22.38	22.64	25.52	28.21	33.31	36.00
5825MHz_TnomVnom	Pass	7.79	18.41	18.15	21.29	28.21	29.08	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	7.79	16.41	16.74	19.59	28.21	27.38	36.00
5230MHz_TnomVnom	Pass	7.79	19.54	20.40	23.00	28.21	30.79	36.00
5755MHz_TnomVnom	Pass	7.79	22.30	21.68	25.01	28.21	32.80	36.00
5795MHz_TnomVnom	Pass	7.79	23.17	23.05	26.12	28.21	33.91	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	7.79	16.42	16.41	19.43	28.21	27.22	36.00
5775MHz_TnomVnom	Pass	7.79	19.96	21.12	23.59	28.21	31.38	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.79	18.61	18.38	21.51	28.21	29.30	36.00
5200MHz_TnomVnom	Pass	7.79	22.00	21.77	24.90	28.21	32.69	36.00
5240MHz_TnomVnom	Pass	7.79	21.07	21.32	24.21	28.21	32.00	36.00
5745MHz_TnomVnom	Pass	7.79	22.40	23.12	25.79	28.21	33.58	36.00
5785MHz_TnomVnom	Pass	7.79	22.42	22.72	25.58	28.21	33.37	36.00
5825MHz_TnomVnom	Pass	7.79	18.43	18.22	21.34	28.21	29.13	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	7.79	16.62	16.60	19.62	28.21	27.41	36.00
5230MHz_TnomVnom	Pass	7.79	19.78	20.44	23.13	28.21	30.92	36.00
5755MHz_TnomVnom	Pass	7.79	22.16	21.94	25.06	28.21	32.85	36.00
5795MHz_TnomVnom	Pass	7.79	23.14	23.15	26.16	28.21	33.95	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	7.79	16.64	16.68	19.67	28.21	27.46	36.00
5775MHz_TnomVnom	Pass	7.79	21.09	21.39	24.25	28.21	32.04	36.00

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



Average Power_Beamforming_Sample 2_Radio 1_Omni_2T1S Appendix C.15

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	23.29	0.21330	34.30	2.69153
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.14	0.13002	32.15	1.64059
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	16.10	0.04074	27.11	0.51404
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	23.72	0.23550	34.73	2.97167
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.20	0.13183	32.21	1.66341
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.18	0.04150	27.19	0.52360
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.18	0.26182	35.19	3.30370
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	23.68	0.23335	34.69	2.94442
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.30	0.10715	31.31	1.35207
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.38	0.27416	35.39	3.45939
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.85	0.24266	34.86	3.06196
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.65	0.11614	31.66	1.46555



Average Power_Beamforming_Sample 2_Radio 1_Omni_2T1S Appendix C.15

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	11.01	16.43	16.04	19.25	24.99	30.26	36.00
5200MHz_TnomVnom	Pass	11.01	19.32	18.74	22.05	24.99	33.06	36.00
5240MHz_TnomVnom	Pass	11.01	20.56	19.97	23.29	24.99	34.30	36.00
5745MHz_TnomVnom	Pass	11.01	21.27	21.02	24.16	24.99	35.17	36.00
5785MHz_TnomVnom	Pass	11.01	21.13	20.91	24.03	24.99	35.04	36.00
5825MHz_TnomVnom	Pass	11.01	21.33	21.01	24.18	24.99	35.19	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	11.01	13.65	13.77	16.72	24.99	27.73	36.00
5230MHz_TnomVnom	Pass	11.01	18.19	18.06	21.14	24.99	32.15	36.00
5755MHz_TnomVnom	Pass	11.01	20.37	20.19	23.29	24.99	34.30	36.00
5795MHz_TnomVnom	Pass	11.01	20.87	20.47	23.68	24.99	34.69	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	11.01	13.06	13.12	16.10	24.99	27.11	36.00
5775MHz_TnomVnom	Pass	11.01	17.26	17.32	20.30	24.99	31.31	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	11.01	16.48	16.02	19.27	24.99	30.28	36.00
5200MHz_TnomVnom	Pass	11.01	19.45	19.43	22.45	24.99	33.46	36.00
5240MHz_TnomVnom	Pass	11.01	20.89	20.52	23.72	24.99	34.73	36.00
5745MHz_TnomVnom	Pass	11.01	21.27	21.31	24.30	24.99	35.31	36.00
5785MHz_TnomVnom	Pass	11.01	21.49	21.24	24.38	24.99	35.39	36.00
5825MHz_TnomVnom	Pass	11.01	21.48	21.12	24.31	24.99	35.32	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	11.01	13.78	14.15	16.98	24.99	27.99	36.00
5230MHz_TnomVnom	Pass	11.01	18.33	18.04	21.20	24.99	32.21	36.00
5755MHz_TnomVnom	Pass	11.01	20.68	20.28	23.49	24.99	34.50	36.00
5795MHz_TnomVnom	Pass	11.01	21.00	20.68	23.85	24.99	34.86	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	11.01	13.02	13.31	16.18	24.99	27.19	36.00
5775MHz_TnomVnom	Pass	11.01	17.71	17.56	20.65	24.99	31.66	36.00

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

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.53	0.14223	35.24	3.34195
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.66	0.14655	35.37	3.44350
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	16.39	0.04355	30.10	1.02329
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.75	0.14962	35.46	3.51560
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.69	0.14757	35.40	3.46737
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.51	0.04477	30.22	1.05196
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.56	0.14322	35.27	3.36512
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.49	0.14093	35.20	3.31131
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.64	0.11588	34.35	2.72270
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.67	0.14689	35.38	3.45144
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.71	0.14825	35.42	3.48337
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.67	0.11668	34.38	2.74157

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	13.71	16.11	16.04	19.09	22.29	32.80	36.00
5200MHz_TnomVnom	Pass	13.71	18.53	18.50	21.53	22.29	35.24	36.00
5240MHz_TnomVnom	Pass	13.71	18.61	18.14	21.39	22.29	35.10	36.00
5745MHz_TnomVnom	Pass	13.71	18.89	18.18	21.56	22.29	35.27	36.00
5785MHz_TnomVnom	Pass	13.71	18.88	18.19	21.56	22.29	35.27	36.00
5825MHz_TnomVnom	Pass	13.71	18.65	18.21	21.45	22.29	35.16	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	13.71	13.37	13.61	16.50	22.29	30.21	36.00
5230MHz_TnomVnom	Pass	13.71	18.43	18.86	21.66	22.29	35.37	36.00
5755MHz_TnomVnom	Pass	13.71	18.45	18.44	21.46	22.29	35.17	36.00
5795MHz_TnomVnom	Pass	13.71	18.58	18.38	21.49	22.29	35.20	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	13.71	13.22	13.54	16.39	22.29	30.10	36.00
5775MHz_TnomVnom	Pass	13.71	17.47	17.78	20.64	22.29	34.35	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	13.71	16.17	16.31	19.25	22.29	32.96	36.00
5200MHz_TnomVnom	Pass	13.71	18.84	18.63	21.75	22.29	35.46	36.00
5240MHz_TnomVnom	Pass	13.71	18.90	18.37	21.65	22.29	35.36	36.00
5745MHz_TnomVnom	Pass	13.71	18.87	18.44	21.67	22.29	35.38	36.00
5785MHz_TnomVnom	Pass	13.71	18.76	18.56	21.67	22.29	35.38	36.00
5825MHz_TnomVnom	Pass	13.71	18.81	18.44	21.64	22.29	35.35	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	13.71	13.75	13.73	16.75	22.29	30.46	36.00
5230MHz_TnomVnom	Pass	13.71	18.50	18.85	21.69	22.29	35.40	36.00
5755MHz_TnomVnom	Pass	13.71	18.97	18.41	21.71	22.29	35.42	36.00
5795MHz_TnomVnom	Pass	13.71	18.83	18.52	21.69	22.29	35.40	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	13.71	13.48	13.51	16.51	22.29	30.22	36.00
5775MHz_TnomVnom	Pass	13.71	17.78	17.53	20.67	22.29	34.38	36.00

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



Average Power_Beamforming_Sample 2_Radio 2_Omni_2T1S Appendix C.17

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.07	0.25527	35.08	3.22107
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	22.61	0.18239	33.62	2.30144
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	18.73	0.07464	29.74	0.94189
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.17	0.26122	35.18	3.29610
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.72	0.18707	33.73	2.36048
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.92	0.07798	29.93	0.98401
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.01	0.25177	35.02	3.17687
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	24.35	0.27227	35.36	3.43558
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.80	0.12023	31.81	1.51705
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.34	0.27164	35.35	3.42768
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	24.40	0.27542	35.41	3.47536
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	21.30	0.13490	32.31	1.70216



Average Power_Beamforming_Sample 2_Radio 2_Omni_2T1S Appendix C.17

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	17.19	17.03	20.12	24.99	31.13	36.00
5200MHz	Pass	11.01	21.26	20.84	24.07	24.99	35.08	36.00
5240MHz	Pass	11.01	20.47	20.34	23.42	24.99	34.43	36.00
5745MHz	Pass	11.01	20.99	20.94	23.98	24.99	34.99	36.00
5785MHz	Pass	11.01	21.20	20.80	24.01	24.99	35.02	36.00
5825MHz	Pass	11.01	20.88	20.74	23.82	24.99	34.83	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	16.26	15.84	19.07	24.99	30.08	36.00
5230MHz	Pass	11.01	19.85	19.34	22.61	24.99	33.62	36.00
5755MHz	Pass	11.01	21.46	20.99	24.24	24.99	35.25	36.00
5795MHz	Pass	11.01	21.62	21.05	24.35	24.99	35.36	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	15.81	15.62	18.73	24.99	29.74	36.00
5775MHz	Pass	11.01	17.72	17.86	20.80	24.99	31.81	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	17.51	17.04	20.29	24.99	31.30	36.00
5200MHz	Pass	11.01	21.02	21.30	24.17	24.99	35.18	36.00
5240MHz	Pass	11.01	20.63	20.60	23.63	24.99	34.64	36.00
5745MHz	Pass	11.01	21.39	21.19	24.30	24.99	35.31	36.00
5785MHz	Pass	11.01	21.09	21.16	24.14	24.99	35.15	36.00
5825MHz	Pass	11.01	21.41	21.25	24.34	24.99	35.35	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	16.44	16.26	19.36	24.99	30.37	36.00
5230MHz	Pass	11.01	19.82	19.60	22.72	24.99	33.73	36.00
5755MHz	Pass	11.01	21.50	20.96	24.25	24.99	35.26	36.00
5795MHz	Pass	11.01	21.61	21.15	24.40	24.99	35.41	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	16.08	15.74	18.92	24.99	29.93	36.00
5775MHz	Pass	11.01	18.21	18.36	21.30	24.99	32.31	36.00

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



Average Power_Beamforming_Sample 2_Radio 2_Panel 1_2T1S

Appendix C.18

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.56	0.14322	35.27	3.36512
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.60	0.14454	35.31	3.39625
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	18.13	0.06501	31.84	1.52757
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.74	0.14928	35.45	3.50752
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.65	0.14622	35.36	3.43558
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.19	0.06592	31.90	1.54882
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.47	0.14028	35.18	3.29610
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.60	0.14454	35.31	3.39625
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.38	0.10914	34.09	2.56448
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.63	0.14555	35.34	3.41979
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.62	0.14521	35.33	3.41193
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.45	0.11092	34.16	2.60615

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	16.63	16.30	19.48	22.29	33.19	36.00
5200MHz	Pass	13.71	18.41	18.41	21.42	22.29	35.13	36.00
5240MHz	Pass	13.71	18.81	18.28	21.56	22.29	35.27	36.00
5745MHz	Pass	13.71	18.56	18.35	21.47	22.29	35.18	36.00
5785MHz	Pass	13.71	18.35	18.08	21.23	22.29	34.94	36.00
5825MHz	Pass	13.71	18.51	18.36	21.45	22.29	35.16	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	15.52	15.06	18.31	22.29	32.02	36.00
5230MHz	Pass	13.71	18.76	18.42	21.60	22.29	35.31	36.00
5755MHz	Pass	13.71	18.74	18.44	21.60	22.29	35.31	36.00
5795MHz	Pass	13.71	18.68	18.25	21.48	22.29	35.19	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	15.11	15.12	18.13	22.29	31.84	36.00
5775MHz	Pass	13.71	17.22	17.52	20.38	22.29	34.09	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	16.77	16.52	19.66	22.29	33.37	36.00
5200MHz	Pass	13.71	18.85	18.61	21.74	22.29	35.45	36.00
5240MHz	Pass	13.71	18.79	18.45	21.63	22.29	35.34	36.00
5745MHz	Pass	13.71	18.52	18.41	21.48	22.29	35.19	36.00
5785MHz	Pass	13.71	18.68	18.50	21.60	22.29	35.31	36.00
5825MHz	Pass	13.71	18.65	18.58	21.63	22.29	35.34	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	15.59	15.31	18.46	22.29	32.17	36.00
5230MHz	Pass	13.71	18.75	18.52	21.65	22.29	35.36	36.00
5755MHz	Pass	13.71	18.89	18.31	21.62	22.29	35.33	36.00
5795MHz	Pass	13.71	18.75	18.22	21.50	22.29	35.21	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	15.14	15.22	18.19	22.29	31.90	36.00
5775MHz	Pass	13.71	17.53	17.34	20.45	22.29	34.16	36.00

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

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.03	14.20
802.11ac VHT20_Nss1,(MCS0)_1TX	8.01	13.18
802.11ac VHT40_Nss1,(MCS0)_1TX	4.02	9.19
802.11ac VHT80_Nss1,(MCS0)_1TX	-3.01	2.16
802.11ax HEW20_Nss1,(MCS0)_1TX	7.83	13.00
802.11ax HEW40_Nss1,(MCS0)_1TX	4.09	9.26
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.73	2.44
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.64	13.81
802.11ac VHT20_Nss1,(MCS0)_1TX	8.35	13.52
802.11ac VHT40_Nss1,(MCS0)_1TX	5.01	10.18
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.38	4.79
802.11ax HEW20_Nss1,(MCS0)_1TX	8.25	13.42
802.11ax HEW40_Nss1,(MCS0)_1TX	4.88	10.05
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.50	4.67

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

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.17	6.42	6.42	17.00	11.59	23.00
5200MHz	Pass	5.17	9.03	9.03	17.00	14.20	23.00
5240MHz	Pass	5.17	7.37	7.37	17.00	12.54	23.00
5745MHz	Pass	5.17	8.64	8.64	30.00	13.81	36.00
5785MHz	Pass	5.17	5.61	5.61	30.00	10.78	36.00
5825MHz	Pass	5.17	5.76	5.76	30.00	10.93	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.17	4.92	4.92	17.00	10.09	23.00
5200MHz	Pass	5.17	8.01	8.01	17.00	13.18	23.00
5240MHz	Pass	5.17	6.65	6.65	17.00	11.82	23.00
5745MHz	Pass	5.17	8.35	8.35	30.00	13.52	36.00
5785MHz	Pass	5.17	5.73	5.73	30.00	10.90	36.00
5825MHz	Pass	5.17	6.48	6.48	30.00	11.65	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	5.17	0.54	0.54	17.00	5.71	23.00
5230MHz	Pass	5.17	4.02	4.02	17.00	9.19	23.00
5755MHz	Pass	5.17	4.48	4.48	30.00	9.65	36.00
5795MHz	Pass	5.17	5.01	5.01	30.00	10.18	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	5.17	-3.01	-3.01	17.00	2.16	23.00
5775MHz	Pass	5.17	-0.38	-0.38	30.00	4.79	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	5.17	4.92	4.92	17.00	10.09	23.00
5200MHz	Pass	5.17	7.83	7.83	17.00	13.00	23.00
5240MHz	Pass	5.17	6.72	6.72	17.00	11.89	23.00
5745MHz	Pass	5.17	8.25	8.25	30.00	13.42	36.00
5785MHz	Pass	5.17	5.55	5.55	30.00	10.72	36.00
5825MHz	Pass	5.17	6.43	6.43	30.00	11.60	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	5.17	0.57	0.57	17.00	5.74	23.00
5230MHz	Pass	5.17	4.09	4.09	17.00	9.26	23.00
5755MHz	Pass	5.17	4.17	4.17	30.00	9.34	36.00
5795MHz	Pass	5.17	4.88	4.88	30.00	10.05	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	5.17	-2.73	-2.73	17.00	2.44	23.00
5775MHz	Pass	5.17	-0.50	-0.50	30.00	4.67	36.00

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

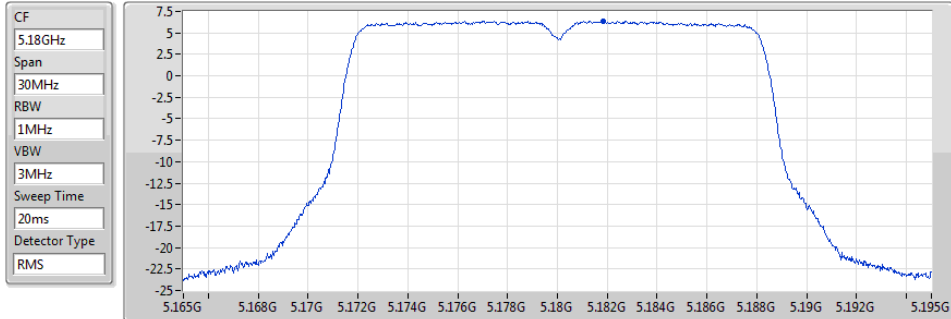
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5180MHz

18/12/2019



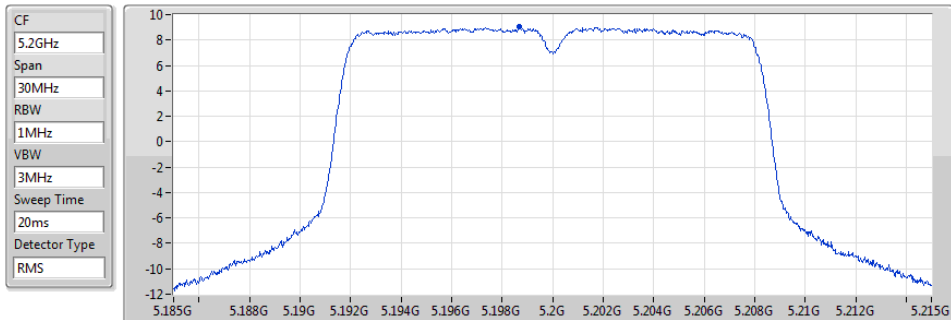
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.42	6.42	6.42

802.11a_Nss1,(6Mbps)_1TX

PSD

5200MHz

18/12/2019



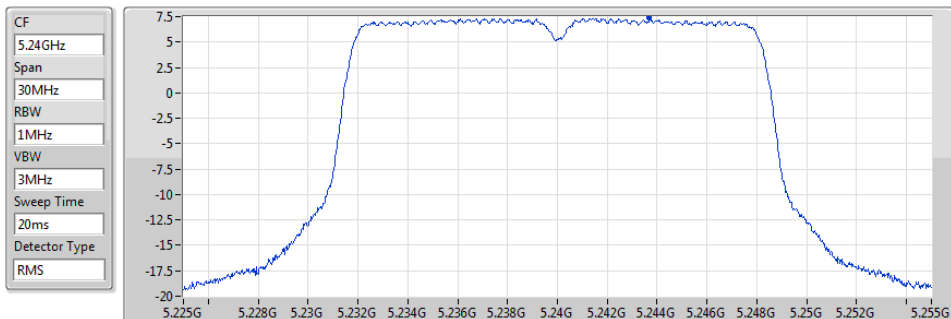
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
9.03	9.03	9.03

802.11a_Nss1,(6Mbps)_1TX

PSD

5240MHz

18/12/2019



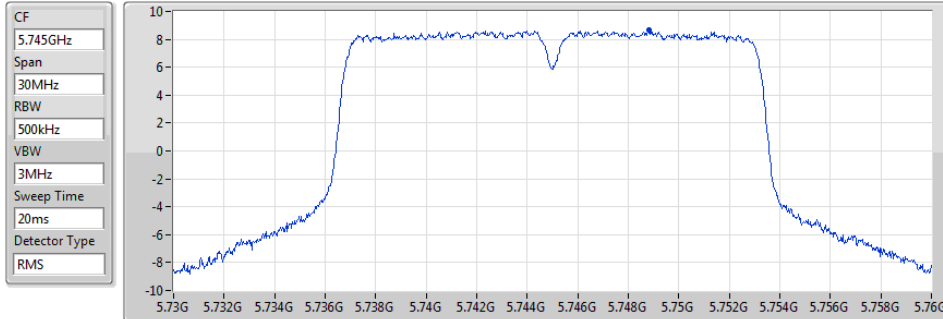
Sum	PD	Port1
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
7.37	7.37	7.37

802.11a_Nss1,(6Mbps)_1TX

PSD

5745MHz

18/12/2019



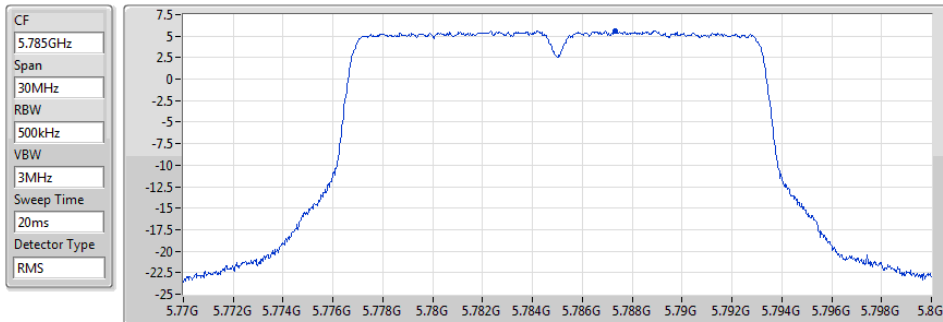
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.64	8.64	8.64

802.11a_Nss1,(6Mbps)_1TX

PSD

5785MHz

18/12/2019



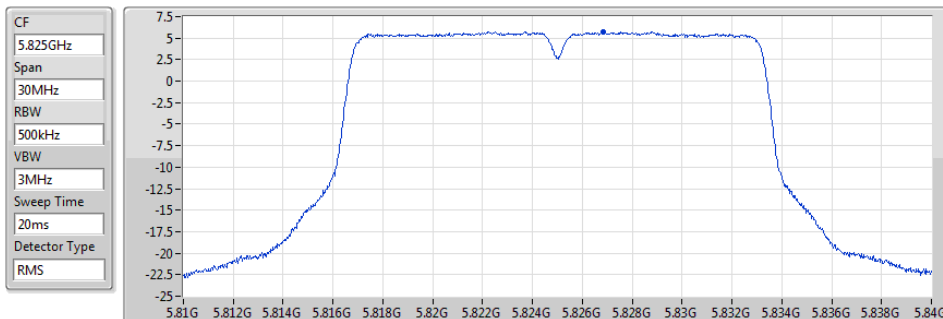
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.61	5.61	5.61

802.11a_Nss1,(6Mbps)_1TX

PSD

5825MHz

18/12/2019



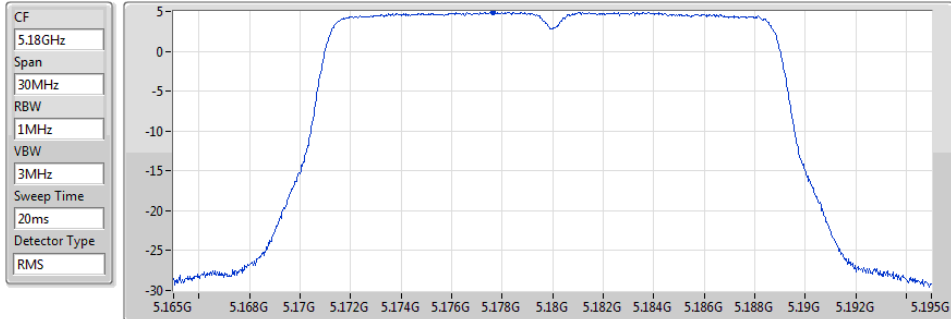
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.76	5.76	5.76

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5180MHz

18/12/2019



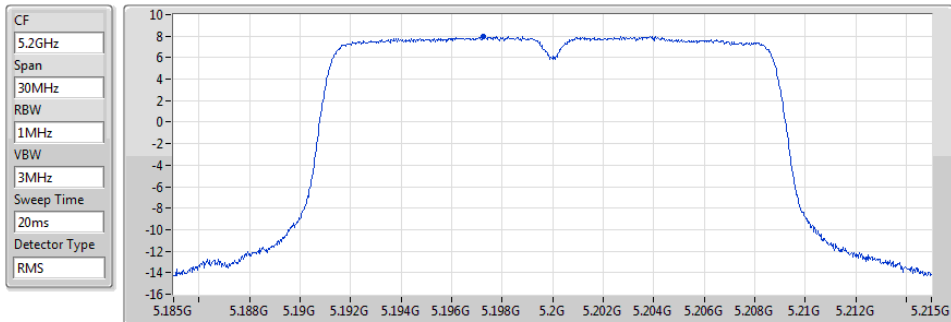
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.92	4.92	4.92

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5200MHz

18/12/2019



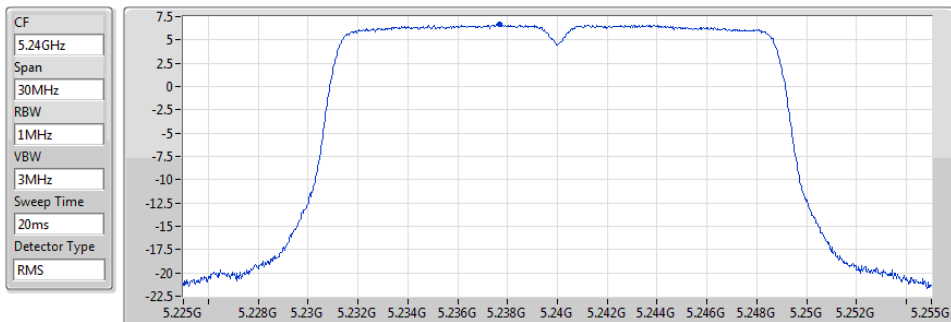
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.01	8.01	8.01

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5240MHz

18/12/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.65	6.65	6.65