



Beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	10.08	0.01019	17.49	0.05610
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	13.23	0.02104	20.64	0.11588
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	16.14	0.04111	23.55	0.22646
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	10.01	0.01002	17.42	0.05521
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	12.90	0.01950	20.31	0.10740
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	14.77	0.02999	22.18	0.16520
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	14.80	0.03020	22.21	0.16634
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	9.85	0.00966	17.26	0.05321
802.11ax HEW80_RU52_Index49,BF_80MHz_Nss1,(MCS0)_2TX	11.31	0.01352	18.72	0.07447
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	12.38	0.01730	19.79	0.09528
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	12.40	0.01738	19.81	0.09572
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	12.30	0.01698	19.71	0.09354
5.25-5.35GHz	-	-	-	-
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	10.07	0.01016	17.48	0.05598
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	13.17	0.02075	20.58	0.11429
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	16.02	0.03999	23.43	0.22029
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	10.05	0.01012	17.46	0.05572
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	12.91	0.01954	20.32	0.10765
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	15.68	0.03698	23.09	0.20370
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	15.94	0.03926	23.35	0.21627
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	10.09	0.01021	17.50	0.05623
802.11ax HEW80_RU52_Index49,BF_80MHz_Nss1,(MCS0)_2TX	11.87	0.01538	19.28	0.08472
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	12.89	0.01945	20.30	0.10715
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	13.65	0.02317	21.06	0.12764
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	12.19	0.01656	19.60	0.09120
5.47-5.725GHz	-	-	-	-
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	10.17	0.01040	17.58	0.05728
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	13.17	0.02075	20.58	0.11429
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	16.00	0.03981	23.41	0.21928
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	10.25	0.01059	17.66	0.05834
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	12.94	0.01968	20.35	0.10839
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	16.28	0.04246	23.69	0.23388
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	19.20	0.08318	26.61	0.45814
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	10.37	0.01089	17.78	0.05998
802.11ax HEW80_RU52_Index49,BF_80MHz_Nss1,(MCS0)_2TX	13.40	0.02188	20.81	0.12050
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	16.22	0.04188	23.63	0.23067
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	19.42	0.08750	26.83	0.48195
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	19.30	0.08511	26.71	0.46881
5.725-5.85GHz	-	-	-	-



Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	19.63	0.09183	27.04	0.50582
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	19.67	0.09268	27.08	0.51050
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	19.69	0.09311	27.10	0.51286
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	19.05	0.08035	26.46	0.44259
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	18.89	0.07745	26.30	0.42658
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	19.57	0.09057	26.98	0.49888
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	19.37	0.08650	26.78	0.47643
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	9.24	0.00839	16.65	0.04624
802.11ax HEW80_RU52_Index49,BF_80MHz_Nss1,(MCS0)_2TX	11.60	0.01445	19.01	0.07962
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	13.81	0.02404	21.22	0.13243
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	14.69	0.02944	22.10	0.16218
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	16.73	0.04710	24.14	0.25942



Conducted Output Power(Average) - SC Module

Appendix B.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.41	6.83	7.13	9.99	22.59	17.40	30.00
5200MHz	Pass	7.41	6.92	7.21	10.08	22.59	17.49	30.00
5240MHz	Pass	7.41	6.91	6.84	9.89	22.59	17.30	30.00
5260MHz	Pass	7.41	7.04	6.75	9.91	22.13	17.32	29.54
5300MHz	Pass	7.41	7.05	6.94	10.01	22.12	17.42	29.53
5320MHz	Pass	7.41	7.17	6.94	10.07	22.13	17.48	29.54
5500MHz	Pass	7.41	7.03	7.04	10.05	22.13	17.46	29.54
5580MHz	Pass	7.41	6.74	7.11	9.94	22.12	17.35	29.53
5700MHz	Pass	7.41	0.54	0	3.29	22.15	10.70	29.56
5720MHz Straddle 5.47-5.725GHz	Pass	7.41	7.11	7.21	10.17	21.05	17.58	28.46
5720MHz Straddle 5.725-5.85GHz	Pass	7.41	-18.83	-19.47	-16.13	28.59	-8.72	36.00
5745MHz	Pass	7.41	16.44	16.61	19.54	28.59	26.95	36.00
5785MHz	Pass	7.41	16.56	16.68	19.63	28.59	27.04	36.00
5825MHz	Pass	7.41	16.31	16.53	19.43	28.59	26.84	36.00
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.41	10.16	10.14	13.16	22.59	20.57	30.00
5200MHz	Pass	7.41	10.15	10.29	13.23	22.59	20.64	30.00
5240MHz	Pass	7.41	10.11	9.94	13.04	22.59	20.45	30.00
5260MHz	Pass	7.41	10.21	10.06	13.15	22.18	20.56	29.59
5300MHz	Pass	7.41	10.16	10.02	13.10	22.16	20.51	29.57
5320MHz	Pass	7.41	10.3	10.01	13.17	22.18	20.58	29.59
5500MHz	Pass	7.41	10	9.96	12.99	22.13	20.40	29.54
5580MHz	Pass	7.41	9.74	10.2	12.99	22.15	20.40	29.56
5700MHz	Pass	7.41	4.64	4.48	7.57	22.16	14.98	29.57
5720MHz Straddle 5.47-5.725GHz	Pass	7.41	10.15	10.16	13.17	21.06	20.58	28.47
5720MHz Straddle 5.725-5.85GHz	Pass	7.41	-15.59	-15.77	-12.67	28.59	-5.26	36.00
5745MHz	Pass	7.41	16.42	16.38	19.41	28.59	26.82	36.00
5785MHz	Pass	7.41	16.75	16.57	19.67	28.59	27.08	36.00
5825MHz	Pass	7.41	16.55	16.64	19.61	28.59	27.02	36.00
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.41	9.35	9.74	12.56	22.59	19.97	30.00
5200MHz	Pass	7.41	12.5	12.94	15.74	22.59	23.15	30.00
5240MHz	Pass	7.41	13.55	12.67	16.14	22.59	23.55	30.00
5260MHz	Pass	7.41	13.25	12.76	16.02	22.59	23.43	30.00
5300MHz	Pass	7.41	12.28	12.01	15.16	22.59	22.57	30.00
5320MHz	Pass	7.41	8.89	8.47	11.70	22.59	19.11	30.00
5500MHz	Pass	7.41	11.46	11.35	14.42	22.59	21.83	30.00
5580MHz	Pass	7.41	12.71	13.22	15.98	22.59	23.39	30.00



Conducted Output Power(Average) - SC Module

Appendix B.2

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5700MHz	Pass	7.41	7.55	7.54	10.56	22.59	17.97	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.41	12.88	13.09	16.00	21.80	23.41	29.21
5720MHz Straddle 5.725-5.85GHz	Pass	7.41	-12.77	-12.74	-9.74	28.59	-2.33	36.00
5745MHz	Pass	7.41	16.51	16.27	19.40	28.59	26.81	36.00
5785MHz	Pass	7.41	16.66	16.4	19.54	28.59	26.95	36.00
5825MHz	Pass	7.41	16.73	16.62	19.69	28.59	27.10	36.00
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.41	6.74	7.25	10.01	22.59	17.42	30.00
5230MHz	Pass	7.41	6.71	7.01	9.87	22.59	17.28	30.00
5270MHz	Pass	7.41	6.81	7.02	9.93	22.19	17.34	29.60
5310MHz	Pass	7.41	6.91	7.17	10.05	22.16	17.46	29.57
5510MHz	Pass	7.41	5.94	6.52	9.25	22.16	16.66	29.57
5590MHz	Pass	7.41	6.51	7.47	10.03	22.19	17.44	29.60
5670MHz	Pass	7.41	1.74	1.63	4.70	22.16	12.11	29.57
5710MHz Straddle 5.47-5.725GHz	Pass	7.41	7.07	7.41	10.25	21.03	17.66	28.44
5710MHz Straddle 5.725-5.85GHz	Pass	7.41	-19.4	-18.93	-16.15	28.59	-8.74	36.00
5755MHz	Pass	7.41	11.26	11.71	14.50	28.59	21.91	36.00
5795MHz	Pass	7.41	15.87	16.2	19.05	28.59	26.46	36.00
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.41	7.68	8.42	11.08	22.59	18.49	30.00
5230MHz	Pass	7.41	9.77	10	12.90	22.59	20.31	30.00
5270MHz	Pass	7.41	9.76	10.03	12.91	22.19	20.32	29.60
5310MHz	Pass	7.41	9.6	9.77	12.70	22.26	20.11	29.67
5510MHz	Pass	7.41	7.5	8.04	10.79	22.26	18.20	29.67
5590MHz	Pass	7.41	9.34	10.44	12.94	22.16	20.35	29.57
5670MHz	Pass	7.41	6.21	6.71	9.48	22.19	16.89	29.60
5710MHz Straddle 5.47-5.725GHz	Pass	7.41	9.51	10.07	12.81	21.21	20.22	28.62
5710MHz Straddle 5.725-5.85GHz	Pass	7.41	-17.27	-16.56	-13.89	28.59	-6.48	36.00
5755MHz	Pass	7.41	13.62	14.16	16.91	28.59	24.32	36.00
5795MHz	Pass	7.41	15.47	16.26	18.89	28.59	26.30	36.00
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.41	8.84	9.52	12.20	22.59	19.61	30.00
5230MHz	Pass	7.41	11.86	11.65	14.77	22.59	22.18	30.00
5270MHz	Pass	7.41	12.61	12.72	15.68	22.59	23.09	30.00
5310MHz	Pass	7.41	9.03	9.16	12.11	22.59	19.52	30.00
5510MHz	Pass	7.41	8.8	9.11	11.97	22.59	19.38	30.00
5590MHz	Pass	7.41	12.18	13.25	15.76	22.59	23.17	30.00
5670MHz	Pass	7.41	9.2	9.77	12.50	22.59	19.91	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.41	12.96	13.55	16.28	22.59	23.69	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.41	-32.44	-31.13	-28.73	28.59	-21.32	36.00



Conducted Output Power(Average) - SC Module

Appendix B.2

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5755MHz	Pass	7.41	15.26	15.4	18.34	28.59	25.75	36.00
5795MHz	Pass	7.41	16.4	16.72	19.57	28.59	26.98	36.00
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.41	8.38	9.36	11.91	22.59	19.32	30.00
5230MHz	Pass	7.41	12.02	11.54	14.80	22.59	22.21	30.00
5270MHz	Pass	7.41	13.04	12.82	15.94	22.59	23.35	30.00
5310MHz	Pass	7.41	9.74	10	12.88	22.59	20.29	30.00
5510MHz	Pass	7.41	9.85	10.41	13.15	22.59	20.56	30.00
5590MHz	Pass	7.41	15.14	16.77	19.04	22.59	26.45	30.00
5670MHz	Pass	7.41	11.52	12.01	14.78	22.59	22.19	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.41	15.76	16.58	19.20	22.59	26.61	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.41	-21.37	-19.97	-17.60	28.59	-10.19	36.00
5755MHz	Pass	7.41	16.24	16.41	19.34	28.59	26.75	36.00
5795MHz	Pass	7.41	16.14	16.56	19.37	28.59	26.78	36.00
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.41	6.56	7.11	9.85	22.59	17.26	30.00
5290MHz	Pass	7.41	7.13	7.03	10.09	22.19	17.50	29.60
5530MHz	Pass	7.41	5.87	6.04	8.97	22.19	16.38	29.60
5610MHz	Pass	7.41	4.38	5.14	7.79	22.13	15.20	29.54
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	7.18	7.53	10.37	22.20	17.78	29.61
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-38.75	-38.33	-35.52	28.59	-28.11	36.00
5775MHz	Pass	7.41	6.12	6.34	9.24	28.59	16.65	36.00
802.11ax HEW80_RU52_Index49,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.41	8	8.58	11.31	22.59	18.72	30.00
5290MHz	Pass	7.41	8.88	8.83	11.87	22.59	19.28	30.00
5530MHz	Pass	7.41	8	8.41	11.22	22.59	18.63	30.00
5610MHz	Pass	7.41	8.08	8.79	11.46	22.59	18.87	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	10.26	10.52	13.40	22.09	20.81	29.50
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-15.78	-15.58	-12.67	28.59	-5.26	36.00
5775MHz	Pass	7.41	8.42	8.75	11.60	28.59	19.01	36.00
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.41	9.08	9.64	12.38	22.59	19.79	30.00
5290MHz	Pass	7.41	9.91	9.84	12.89	22.59	20.30	30.00
5530MHz	Pass	7.41	8.04	8.53	11.30	22.59	18.71	30.00
5610MHz	Pass	7.41	11.56	12.14	14.87	22.59	22.28	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	13.04	13.38	16.22	22.59	23.63	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-15.6	-14.99	-12.27	28.59	-4.86	36.00
5775MHz	Pass	7.41	10.66	10.94	13.81	28.59	21.22	36.00
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-



Conducted Output Power(Average) - SC Module

Appendix B.2

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5210MHz	Pass	7.41	9.14	9.63	12.40	22.59	19.81	30.00
5290MHz	Pass	7.41	10.56	10.71	13.65	22.59	21.06	30.00
5530MHz	Pass	7.41	10.32	10.74	13.55	22.59	20.96	30.00
5610MHz	Pass	7.41	11.87	12.41	15.16	22.59	22.57	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	16.05	16.74	19.42	22.59	26.83	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-28.44	-26.69	-24.47	28.59	-17.06	36.00
5775MHz	Pass	7.41	11.51	11.84	14.69	28.59	22.10	36.00
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.41	9.05	9.51	12.30	22.59	19.71	30.00
5290MHz	Pass	7.41	9.17	9.19	12.19	22.59	19.60	30.00
5530MHz	Pass	7.41	8.22	8.66	11.46	22.59	18.87	30.00
5610MHz	Pass	7.41	13.24	13.86	16.57	22.59	23.98	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	15.82	16.72	19.30	22.59	26.71	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-22.71	-21.02	-18.77	28.59	-11.36	36.00
5775MHz	Pass	7.41	13.62	13.81	16.73	28.59	24.14	36.00

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

Remarks:

For 5180~5240MHz/5260~5320MHz/5500~5720MHz:

Directional gain = $4.4 + 10 \cdot \log(2/1) = 7.41 \text{ dBi} > 6 \text{ dBi}$, so the limit shall be reduced to 24 dBm – (7.41dBi – 6dBi) =22.59 dBm

For 5745~5825MHz:

Directional gain = $4.4 + 10 \cdot \log(2/1) = 7.41 \text{ dBi} > 6 \text{ dBi}$, so the limit shall be reduced to 30 dBm – (7.41dBi – 6dBi) =28.59 dBm



Non-beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	19.14	0.08204	23.54	0.22594
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	13.07	0.02028	17.47	0.05585
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	16.05	0.04027	20.45	0.11092
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	17.76	0.05970	22.16	0.16444
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	17.70	0.05888	22.10	0.16218
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	12.88	0.01941	17.28	0.05346
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	15.60	0.03631	20.00	0.10000
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	15.13	0.03258	19.53	0.08974
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	14.97	0.03141	19.37	0.08650
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	12.59	0.01816	16.99	0.05000
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	14.92	0.03105	19.32	0.08551
802.11ax HEW80_RU52_Index49_80MHz_Nss1,(MCS0)_2TX	14.11	0.02576	18.51	0.07096
5.25-5.35GHz	-	-	-	-
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	18.96	0.07870	23.36	0.21677
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	13.03	0.02009	17.43	0.05534
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	16.10	0.04074	20.50	0.11220
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	18.48	0.07047	22.88	0.19409
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	18.58	0.07211	22.98	0.19861
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	12.73	0.01875	17.13	0.05164
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	15.67	0.03690	20.07	0.10162
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	15.89	0.03882	20.29	0.10691
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	16.26	0.04227	20.66	0.11641
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	12.89	0.01945	17.29	0.05358
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	15.14	0.03266	19.54	0.08995
802.11ax HEW80_RU52_Index49_80MHz_Nss1,(MCS0)_2TX	14.45	0.02786	18.85	0.07674
5.47-5.725GHz	-	-	-	-
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	18.76	0.07516	23.16	0.20701
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	13.01	0.02000	17.41	0.05508
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	16.04	0.04018	20.44	0.11066
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	19.18	0.08279	23.58	0.22803
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	22.04	0.15996	26.44	0.44055
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	12.92	0.01959	17.32	0.05395
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	15.92	0.03908	20.32	0.10765
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	18.99	0.07925	23.39	0.21827
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	22.01	0.15885	26.41	0.43752
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	13.03	0.02009	17.43	0.05534
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	21.91	0.15524	26.31	0.42756
802.11ax HEW80_RU52_Index49_80MHz_Nss1,(MCS0)_2TX	16.10	0.04074	20.50	0.11220
5.725-5.85GHz	-	-	-	-



Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	22.51	0.17824	26.91	0.49091
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	22.40	0.17378	26.80	0.47863
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	22.66	0.18450	27.06	0.50816
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	22.17	0.16482	26.57	0.45394
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	22.32	0.17061	26.72	0.46989
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	21.94	0.15631	26.34	0.43053
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	21.84	0.15276	26.24	0.42073
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	16.80	0.04786	21.20	0.13183
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	17.27	0.05333	21.67	0.14689
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	12.25	0.01679	16.65	0.04624
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	19.59	0.09099	23.99	0.25061
802.11ax HEW80_RU52_Index49_80MHz_Nss1,(MCS0)_2TX	14.20	0.02630	18.60	0.07244



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.40	10.22	9.7	12.98	24.00	17.38	30.00
5200MHz	Pass	4.40	10.26	9.86	13.07	24.00	17.47	30.00
5240MHz	Pass	4.40	9.84	9.59	12.73	24.00	17.13	30.00
5260MHz	Pass	4.40	9.82	9.61	12.73	23.54	17.13	29.54
5300MHz	Pass	4.40	9.98	9.91	12.96	23.53	17.36	29.53
5320MHz	Pass	4.40	9.92	10.12	13.03	23.54	17.43	29.54
5500MHz	Pass	4.40	10.21	9.61	12.93	23.54	17.33	29.54
5580MHz	Pass	4.40	9.88	9.96	12.93	23.53	17.33	29.53
5700MHz	Pass	4.40	2.93	3.01	5.98	23.56	10.38	29.56
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	9.92	10.07	13.01	22.46	17.41	28.46
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	-16.54	-16.24	-13.38	30.00	-8.98	36.00
5745MHz	Pass	4.40	19.14	19.15	22.16	30.00	26.56	36.00
5785MHz	Pass	4.40	18.98	19.51	22.26	30.00	26.66	36.00
5825MHz	Pass	4.40	18.89	19.84	22.40	30.00	26.80	36.00
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.40	13.26	12.72	16.01	24.00	20.41	30.00
5200MHz	Pass	4.40	13.24	12.83	16.05	24.00	20.45	30.00
5240MHz	Pass	4.40	12.81	12.58	15.71	24.00	20.11	30.00
5260MHz	Pass	4.40	12.86	12.68	15.78	23.59	20.18	29.59
5300MHz	Pass	4.40	12.96	12.95	15.97	23.57	20.37	29.57
5320MHz	Pass	4.40	13.02	13.15	16.10	23.59	20.50	29.59
5500MHz	Pass	4.40	13.18	12.55	15.89	23.54	20.29	29.54
5580MHz	Pass	4.40	12.78	12.98	15.89	23.56	20.29	29.56
5700MHz	Pass	4.40	7.22	7.39	10.32	23.57	14.72	29.57
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	12.91	13.14	16.04	22.47	20.44	28.47
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	-13.3	-13.03	-10.15	30.00	-5.75	36.00
5745MHz	Pass	4.40	19.18	19.05	22.13	30.00	26.53	36.00
5785MHz	Pass	4.40	19.4	19.89	22.66	30.00	27.06	36.00
5825MHz	Pass	4.40	19.34	19.82	22.60	30.00	27.00	36.00
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	4.40	12.61	12.11	15.38	24.00	19.78	30.00
5200MHz	Pass	4.40	15.64	15.45	18.56	24.00	22.96	30.00
5240MHz	Pass	4.40	16.54	15.68	19.14	24.00	23.54	30.00
5260MHz	Pass	4.40	16.16	15.73	18.96	24.00	23.36	30.00
5300MHz	Pass	4.40	14.89	14.83	17.87	24.00	22.27	30.00
5320MHz	Pass	4.40	11.42	11.52	14.48	24.00	18.88	30.00
5500MHz	Pass	4.40	14.52	14.1	17.33	24.00	21.73	30.00
5580MHz	Pass	4.40	15.62	15.87	18.76	24.00	23.16	30.00



Conducted Output Power(Average) - ST Module

Appendix B.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5700MHz	Pass	4.40	10.39	10.68	13.55	24.00	17.95	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.40	15.41	15.88	18.66	23.21	23.06	29.21
5720MHz Straddle 5.725-5.85GHz	Pass	4.40	-10.03	-9.98	-6.99	30.00	-2.59	36.00
5745MHz	Pass	4.40	19.33	18.72	22.05	30.00	26.45	36.00
5785MHz	Pass	4.40	19.31	19.68	22.51	30.00	26.91	36.00
5825MHz	Pass	4.40	19.19	19.78	22.51	30.00	26.91	36.00
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.40	9.81	9.78	12.81	24.00	17.21	30.00
5230MHz	Pass	4.40	9.84	9.89	12.88	24.00	17.28	30.00
5270MHz	Pass	4.40	9.52	9.84	12.69	23.60	17.09	29.60
5310MHz	Pass	4.40	9.48	9.95	12.73	23.57	17.13	29.57
5510MHz	Pass	4.40	9.19	9.11	12.16	23.57	16.56	29.57
5590MHz	Pass	4.40	9.54	10.25	12.92	23.60	17.32	29.60
5670MHz	Pass	4.40	4.04	4.85	7.47	23.57	11.87	29.57
5710MHz Straddle 5.47-5.725GHz	Pass	4.40	9.56	10.19	12.90	22.44	17.30	28.44
5710MHz Straddle 5.725-5.85GHz	Pass	4.40	-17.11	-16.43	-13.75	30.00	-9.35	36.00
5755MHz	Pass	4.40	13.62	14.46	17.07	30.00	21.47	36.00
5795MHz	Pass	4.40	18.62	19.21	21.94	30.00	26.34	36.00
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.40	10.75	10.82	13.80	24.00	18.20	30.00
5230MHz	Pass	4.40	12.42	12.75	15.60	24.00	20.00	30.00
5270MHz	Pass	4.40	12.46	12.85	15.67	23.60	20.07	29.60
5310MHz	Pass	4.40	12.08	12.68	15.40	23.67	19.80	29.67
5510MHz	Pass	4.40	10.68	10.68	13.69	23.67	18.09	29.67
5590MHz	Pass	4.40	12.41	13.35	15.92	23.57	20.32	29.57
5670MHz	Pass	4.40	9.15	9.77	12.48	23.60	16.88	29.60
5710MHz Straddle 5.47-5.725GHz	Pass	4.40	12	12.77	15.41	22.62	19.81	28.62
5710MHz Straddle 5.725-5.85GHz	Pass	4.40	-14.41	-13.61	-10.98	30.00	-6.58	36.00
5755MHz	Pass	4.40	16.81	16.89	19.86	30.00	24.26	36.00
5795MHz	Pass	4.40	18.59	19.05	21.84	30.00	26.24	36.00
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.40	11.75	11.84	14.81	24.00	19.21	30.00
5230MHz	Pass	4.40	14.74	14.76	17.76	24.00	22.16	30.00
5270MHz	Pass	4.40	15.35	15.58	18.48	24.00	22.88	30.00
5310MHz	Pass	4.40	11.49	11.93	14.73	24.00	19.13	30.00
5510MHz	Pass	4.40	11.69	11.62	14.67	24.00	19.07	30.00
5590MHz	Pass	4.40	14.87	15.88	18.41	24.00	22.81	30.00
5670MHz	Pass	4.40	11.98	12.85	15.45	24.00	19.85	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.40	15.57	16.7	19.18	24.00	23.58	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.40	-30.79	-28.16	-26.27	30.00	-21.87	36.00



Conducted Output Power(Average) - ST Module

Appendix B.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5755MHz	Pass	4.40	17.66	18.12	20.91	30.00	25.31	36.00
5795MHz	Pass	4.40	18.75	19.54	22.17	30.00	26.57	36.00
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	4.40	11.65	11.72	14.70	24.00	19.10	30.00
5230MHz	Pass	4.40	14.62	14.76	17.70	24.00	22.10	30.00
5270MHz	Pass	4.40	15.61	15.52	18.58	24.00	22.98	30.00
5310MHz	Pass	4.40	12.38	12.87	15.64	24.00	20.04	30.00
5510MHz	Pass	4.40	13.12	13.05	16.10	24.00	20.50	30.00
5590MHz	Pass	4.40	18.56	19.44	22.03	24.00	26.43	30.00
5670MHz	Pass	4.40	14.45	15.05	17.77	24.00	22.17	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.40	18.41	19.57	22.04	24.00	26.44	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.40	-18.49	-16.57	-14.41	30.00	-10.01	36.00
5755MHz	Pass	4.40	18.65	19.12	21.90	30.00	26.30	36.00
5795MHz	Pass	4.40	19.03	19.57	22.32	30.00	26.72	36.00
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.40	9.61	9.55	12.59	24.00	16.99	30.00
5290MHz	Pass	4.40	9.78	9.98	12.89	23.60	17.29	29.60
5530MHz	Pass	4.40	9.13	8.78	11.97	23.60	16.37	29.60
5610MHz	Pass	4.40	7.39	8.05	10.74	23.54	15.14	29.54
5690MHz Straddle 5.47-5.725GHz	Pass	4.40	9.81	10.22	13.03	23.61	17.43	29.61
5690MHz Straddle 5.725-5.85GHz	Pass	4.40	-38.37	-38.36	-35.35	30.00	-30.95	36.00
5775MHz	Pass	4.40	9.01	9.45	12.25	30.00	16.65	36.00
802.11ax HEW80_RU52_Index49_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.40	11.08	11.11	14.11	24.00	18.51	30.00
5290MHz	Pass	4.40	11.18	11.68	14.45	24.00	18.85	30.00
5530MHz	Pass	4.40	10.98	10.72	13.86	24.00	18.26	30.00
5610MHz	Pass	4.40	10.65	11.35	14.02	24.00	18.42	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.40	12.82	13.35	16.10	23.50	20.50	29.50
5690MHz Straddle 5.725-5.85GHz	Pass	4.40	-13.48	-12.98	-10.21	30.00	-5.81	36.00
5775MHz	Pass	4.40	10.99	11.38	14.20	30.00	18.60	36.00
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.40	12.12	12.11	15.13	24.00	19.53	30.00
5290MHz	Pass	4.40	12.74	13.01	15.89	24.00	20.29	30.00
5530MHz	Pass	4.40	11.35	11.17	14.27	24.00	18.67	30.00
5610MHz	Pass	4.40	13.97	14.87	17.45	24.00	21.85	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.40	15.54	16.37	18.99	24.00	23.39	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.40	-13.13	-12.43	-9.76	30.00	-5.36	36.00
5775MHz	Pass	4.40	13.55	14.02	16.80	30.00	21.20	36.00
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-

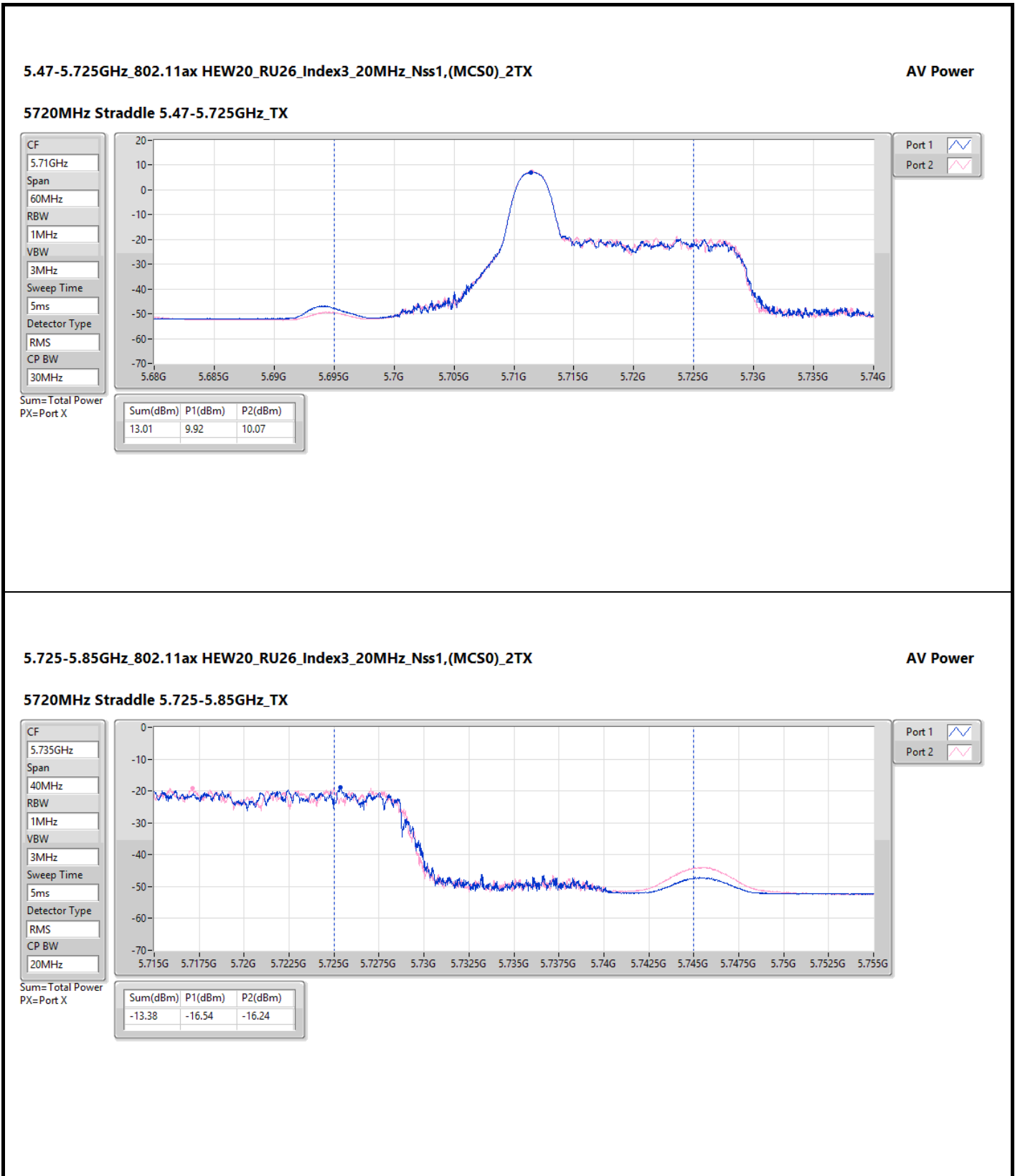


Conducted Output Power(Average) - ST Module

Appendix B.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5210MHz	Pass	4.40	11.99	11.93	14.97	24.00	19.37	30.00
5290MHz	Pass	4.40	13.12	13.37	16.26	24.00	20.66	30.00
5530MHz	Pass	4.40	13.54	13.16	16.36	24.00	20.76	30.00
5610MHz	Pass	4.40	14.68	15.17	17.94	24.00	22.34	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.40	18.34	19.58	22.01	24.00	26.41	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.40	-27.79	-23.41	-22.06	30.00	-17.66	36.00
5775MHz	Pass	4.40	14.15	14.36	17.27	30.00	21.67	36.00
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	4.40	11.97	11.84	14.92	24.00	19.32	30.00
5290MHz	Pass	4.40	12.07	12.18	15.14	24.00	19.54	30.00
5530MHz	Pass	4.40	11.34	10.94	14.15	24.00	18.55	30.00
5610MHz	Pass	4.40	15.81	16.62	19.24	24.00	23.64	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.40	18.37	19.37	21.91	24.00	26.31	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.40	-20.37	-18.21	-16.15	30.00	-11.75	36.00
5775MHz	Pass	4.40	16.38	16.78	19.59	30.00	23.99	36.00

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

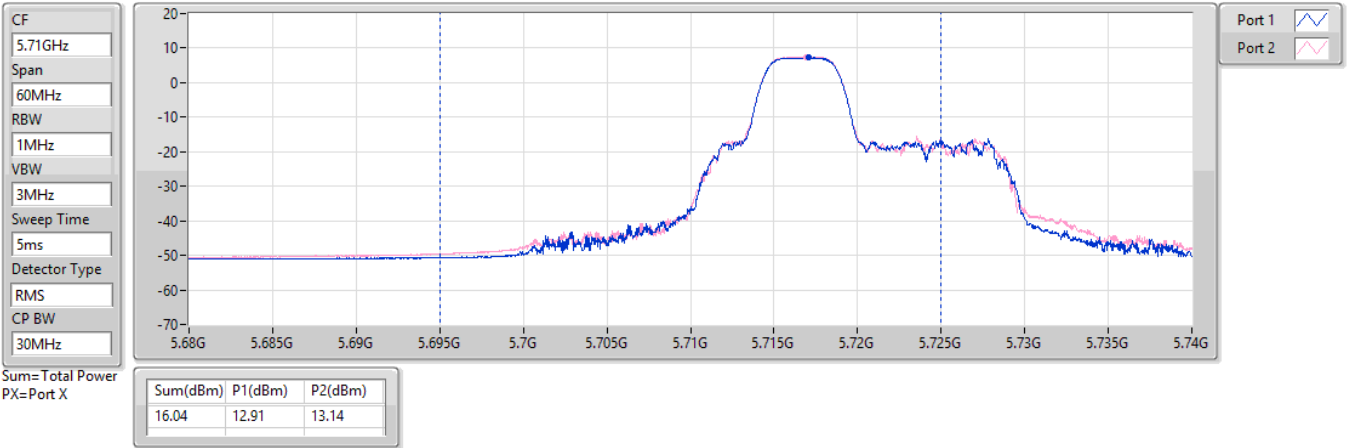




5.47-5.725GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX

AV Power

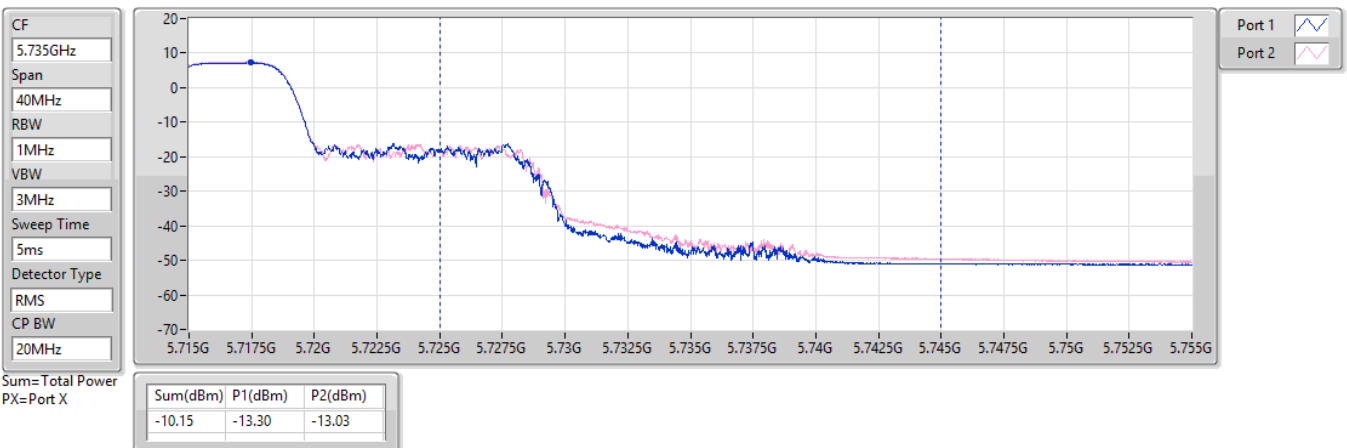
5720MHz Straddle 5.47-5.725GHz_TX

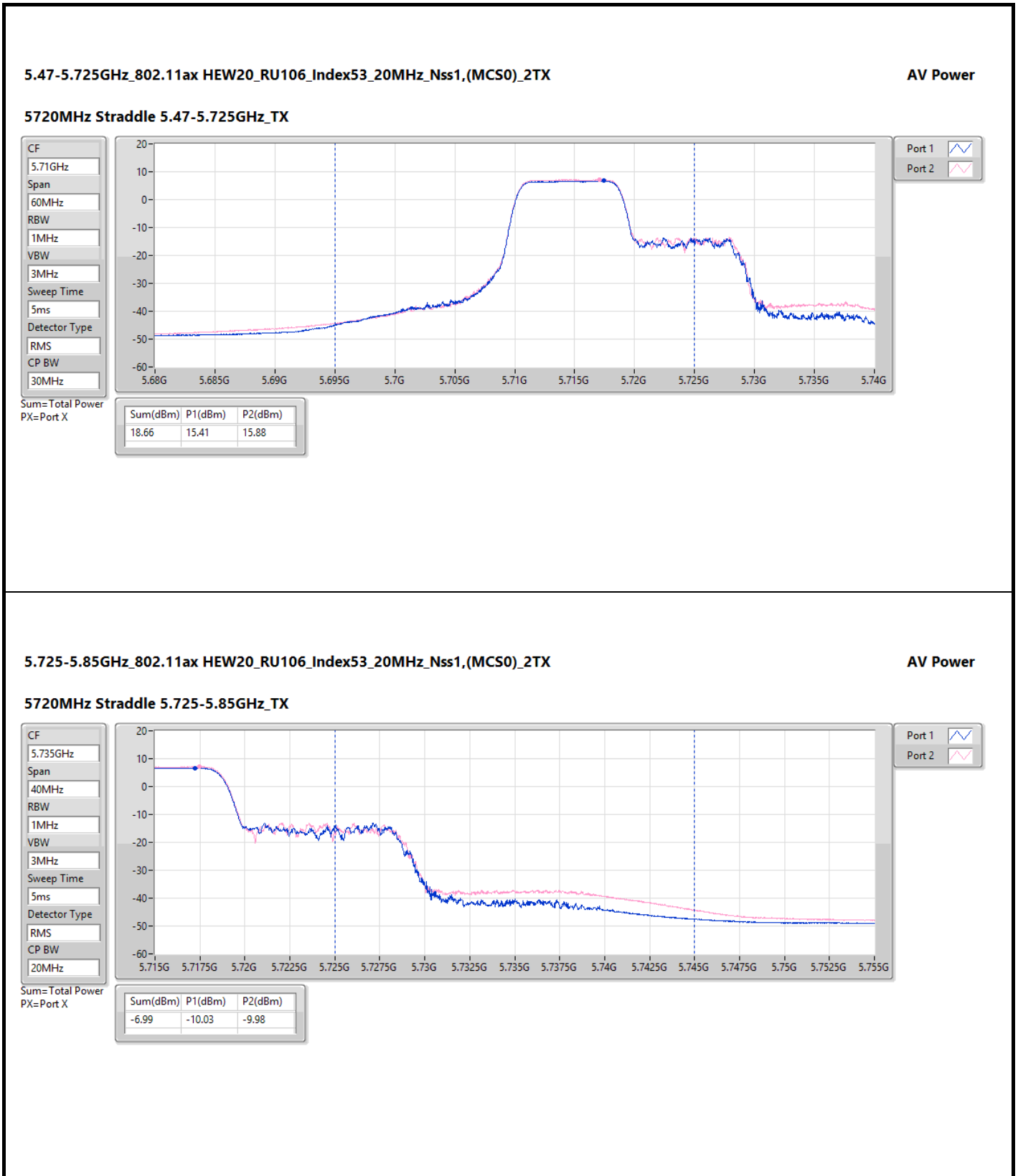


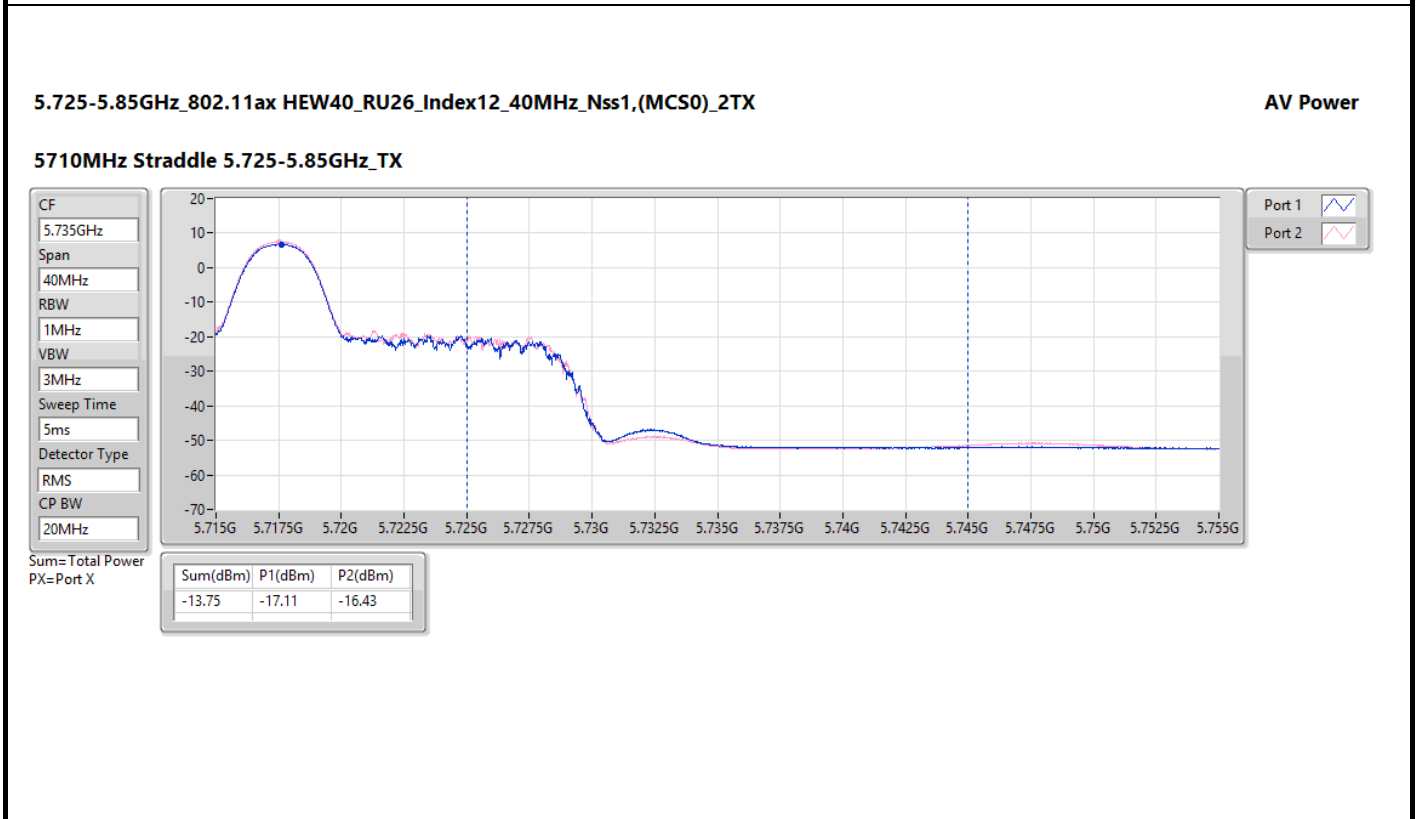
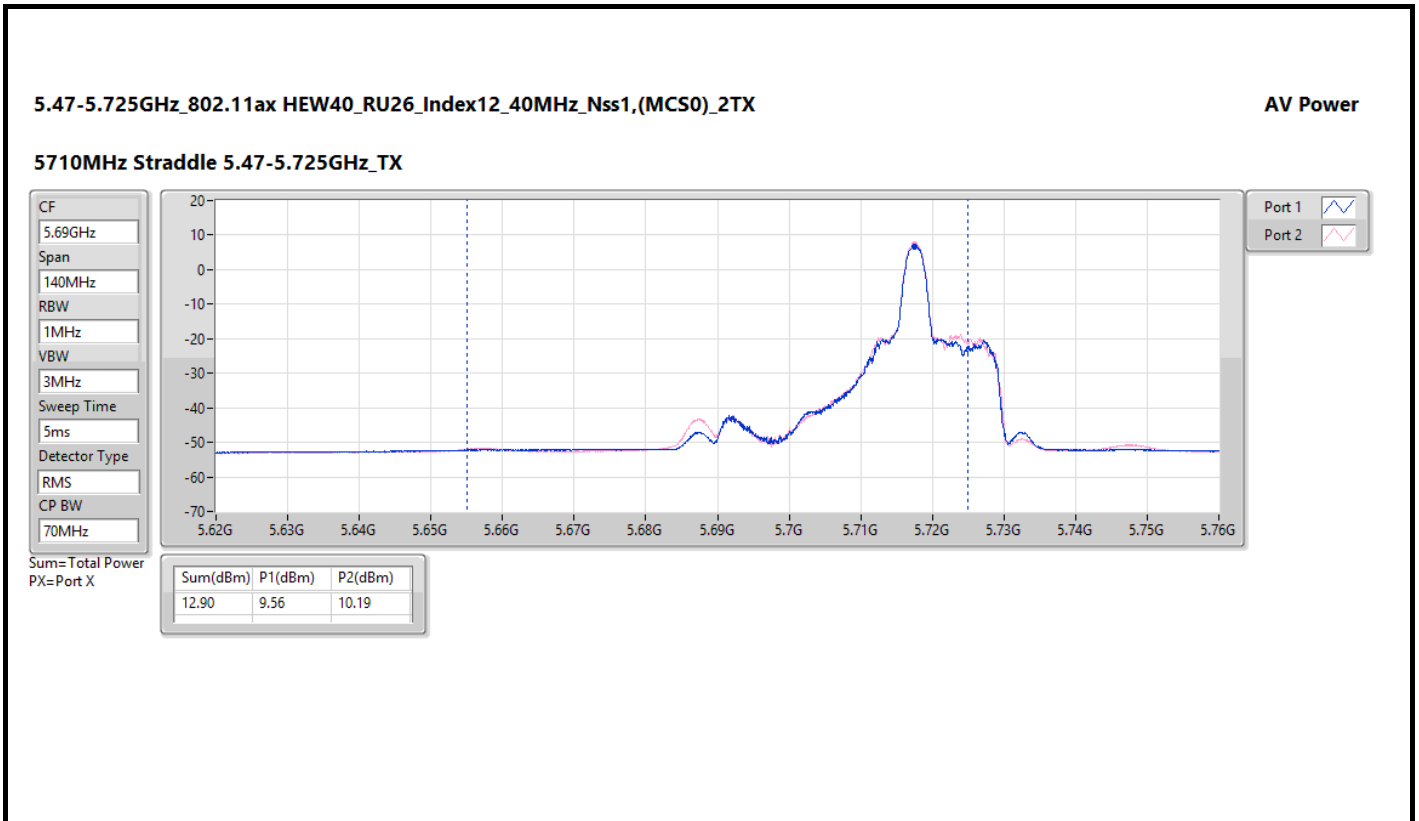
5.725-5.85GHz_802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX

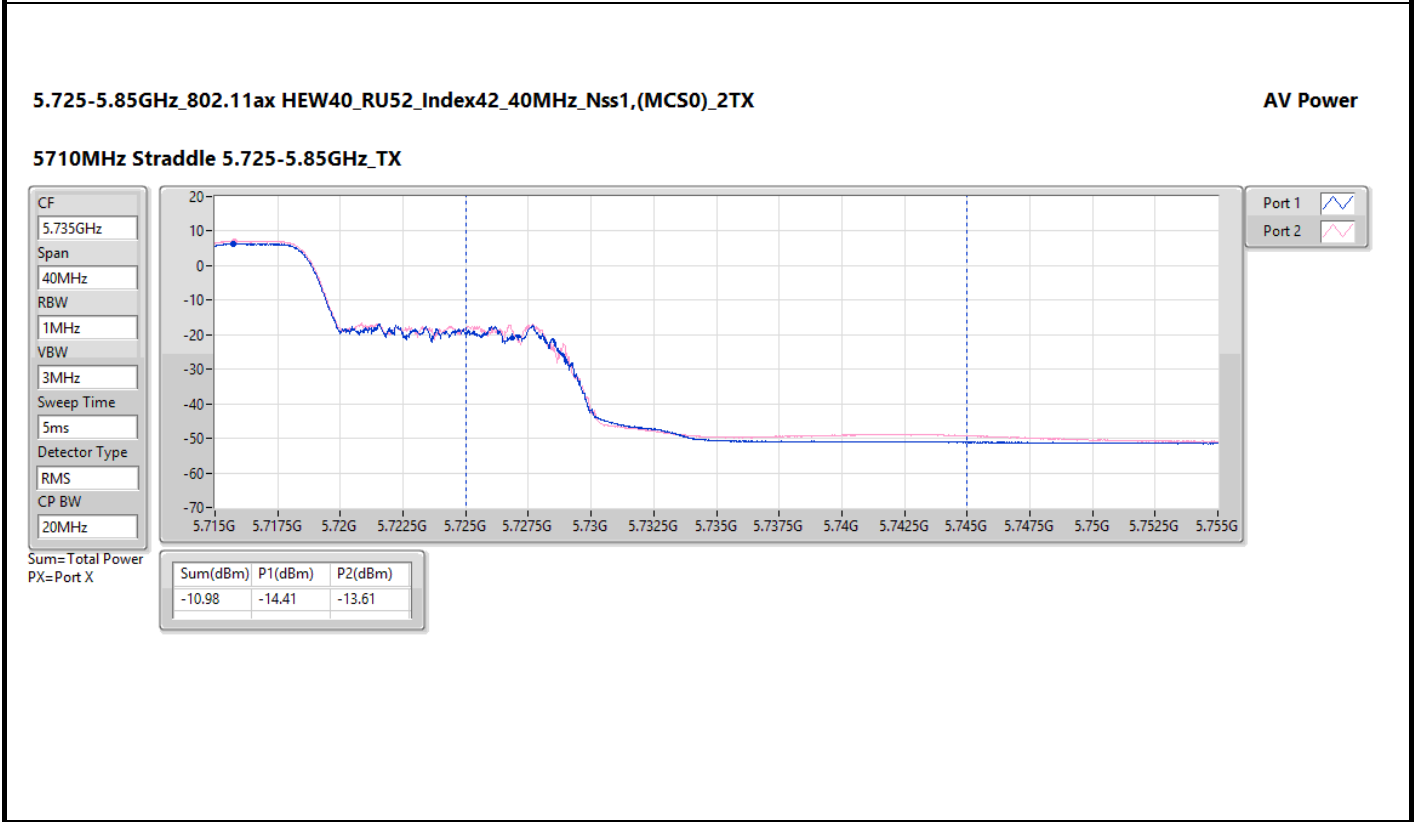
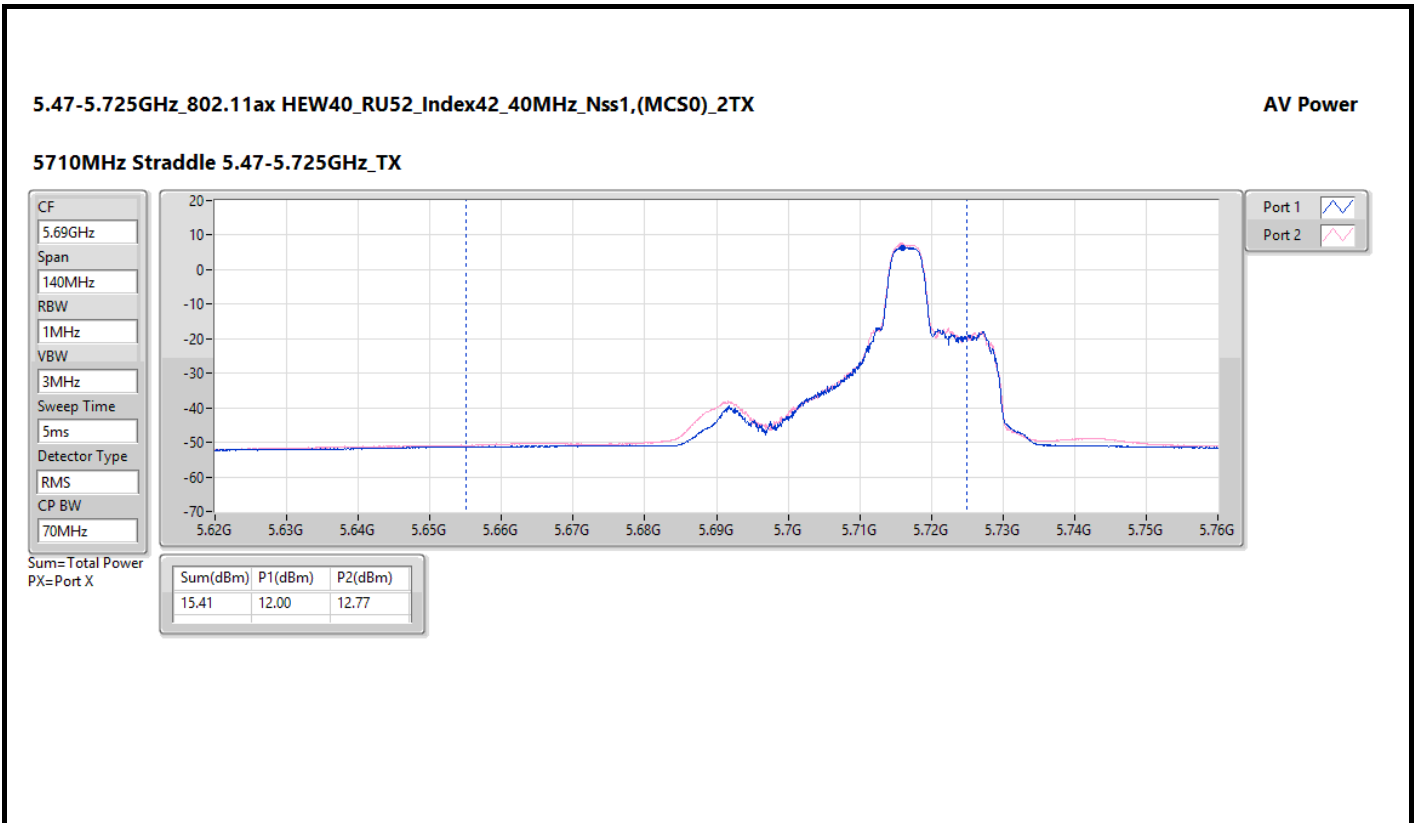
AV Power

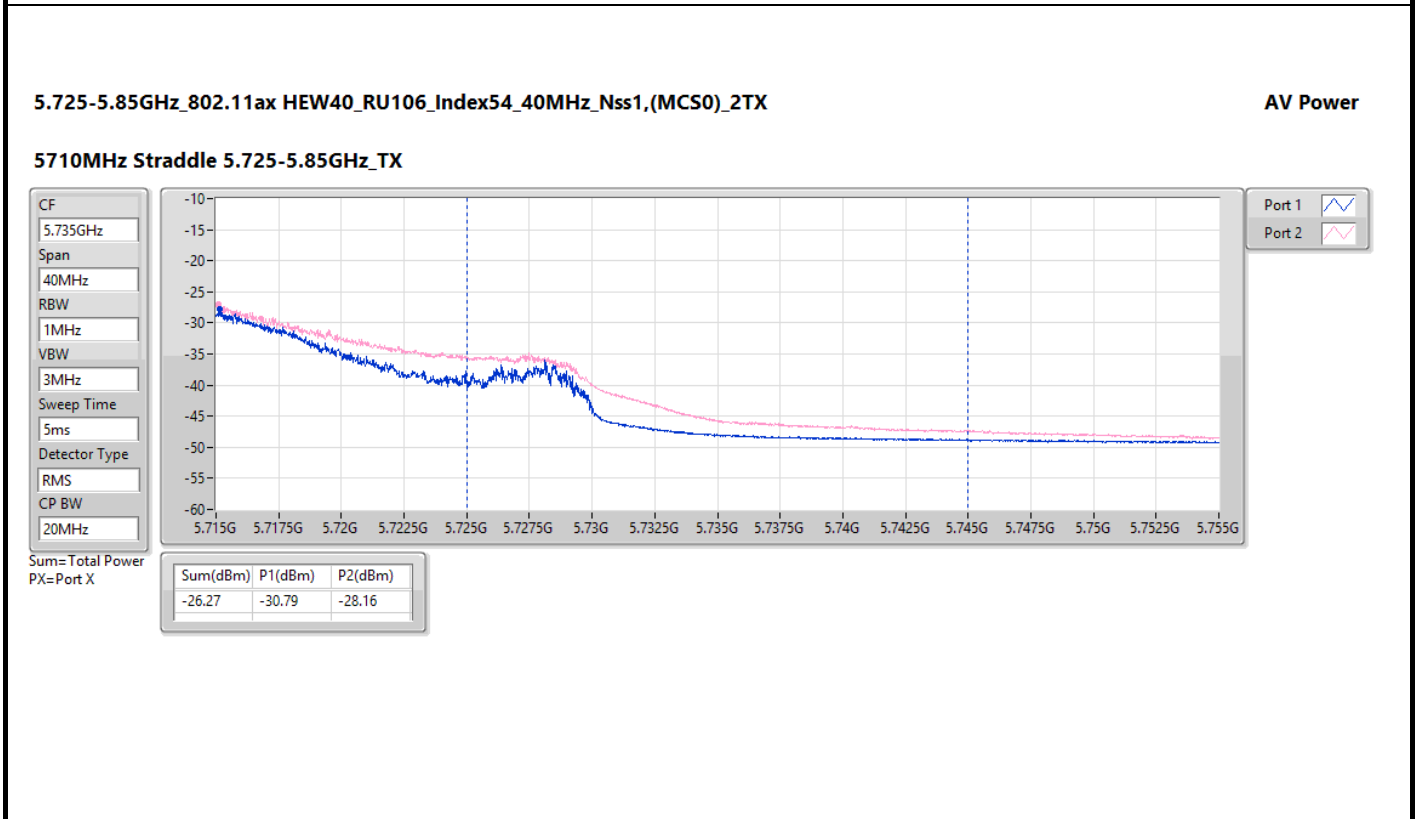
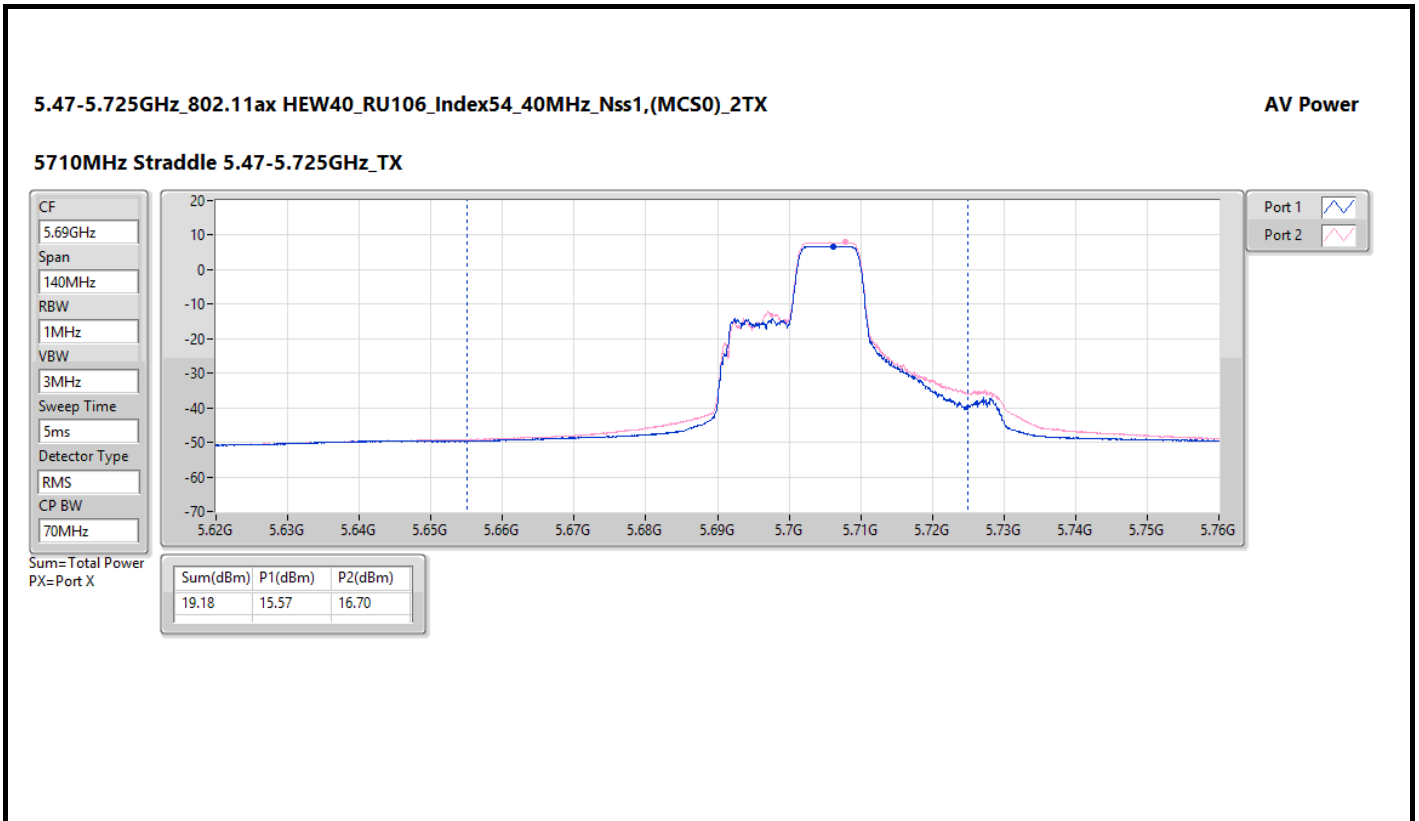
5720MHz Straddle 5.725-5.85GHz_TX

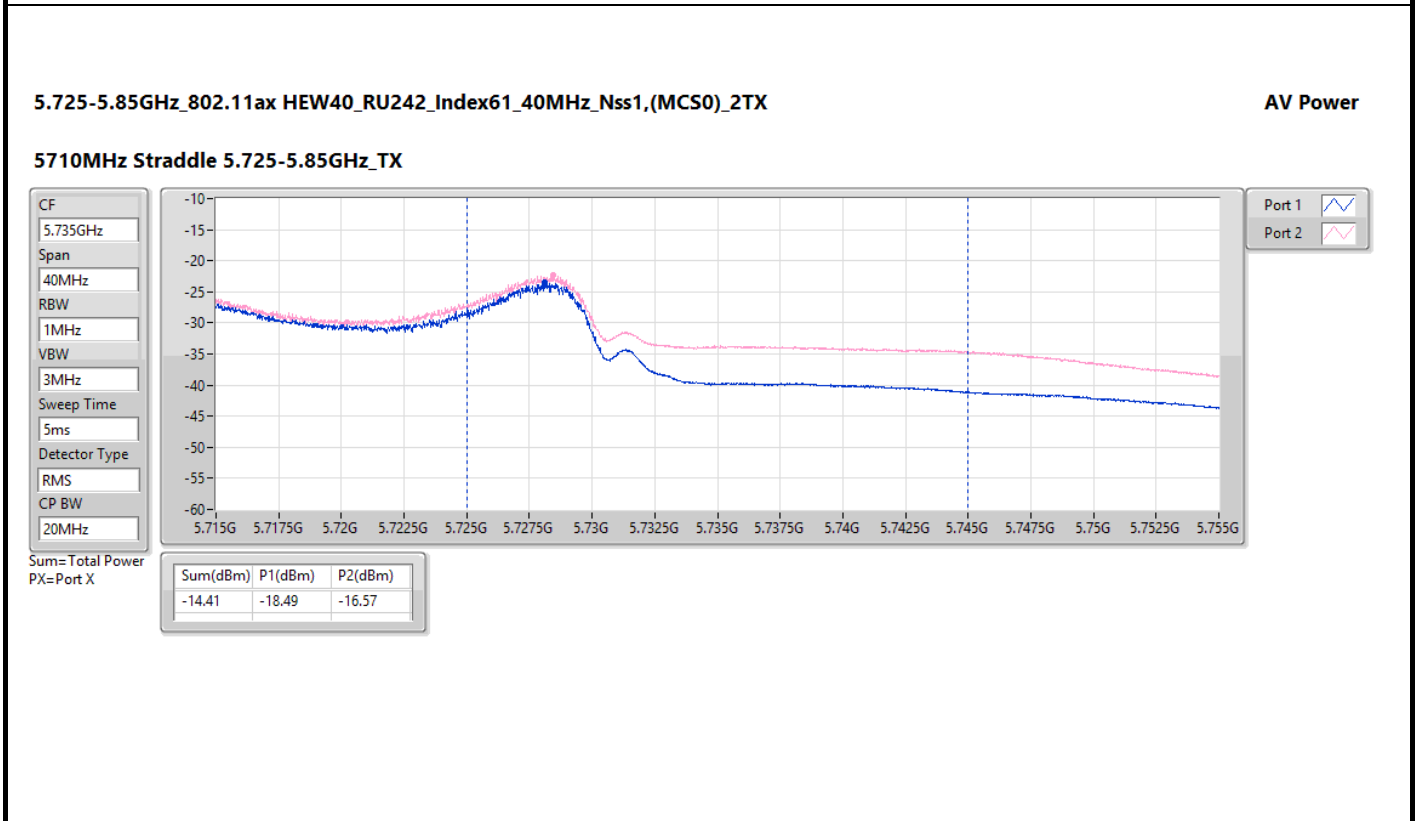
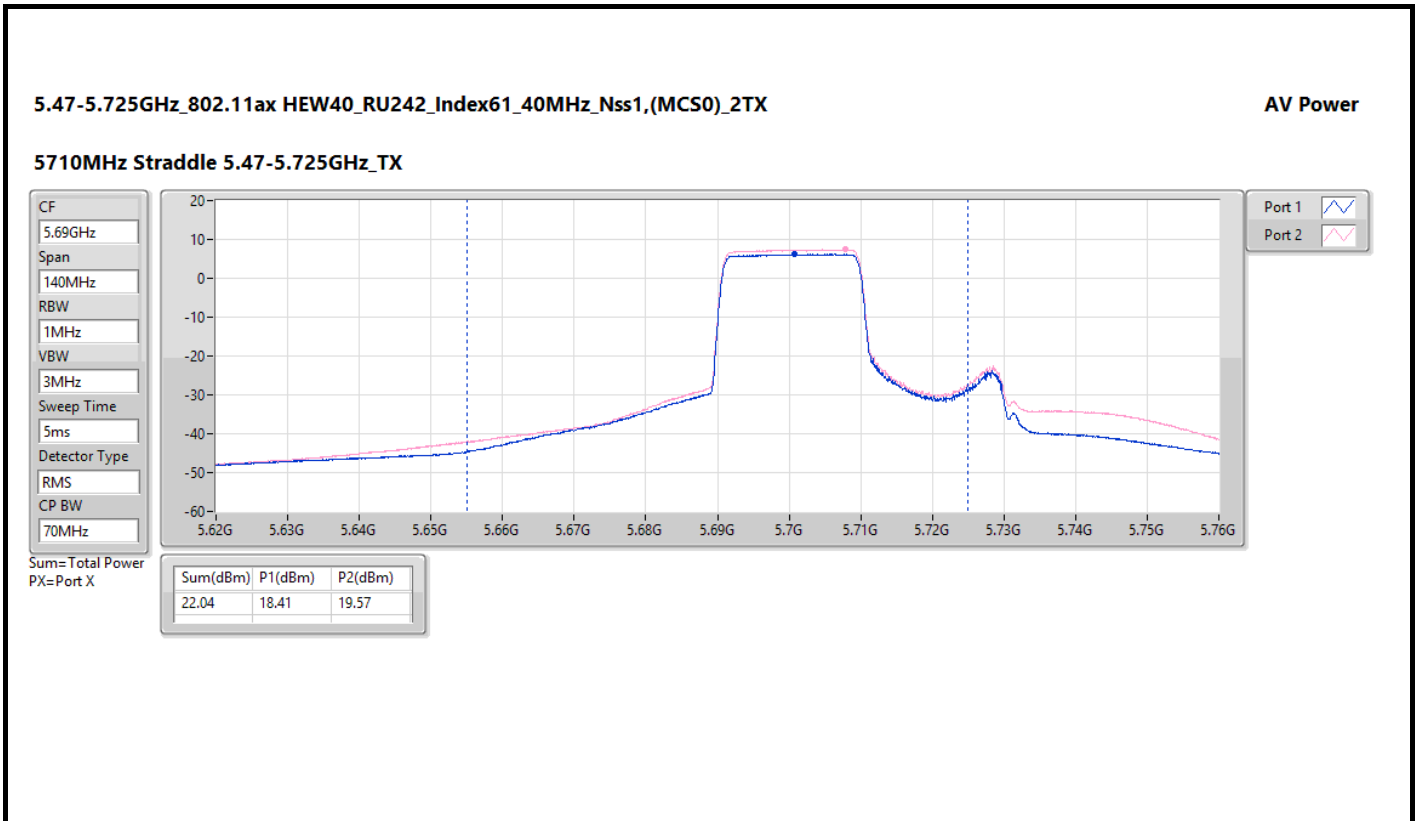


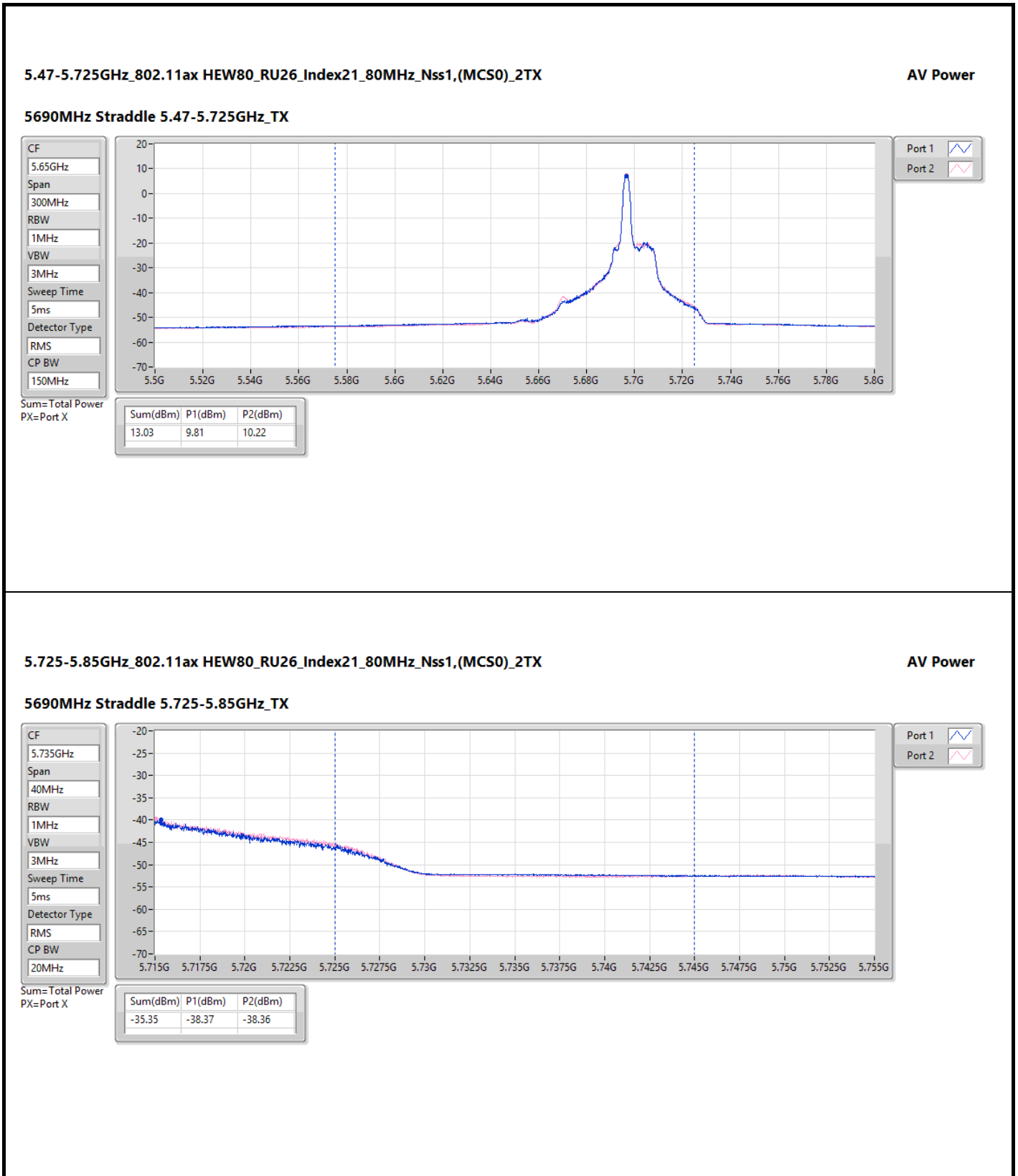


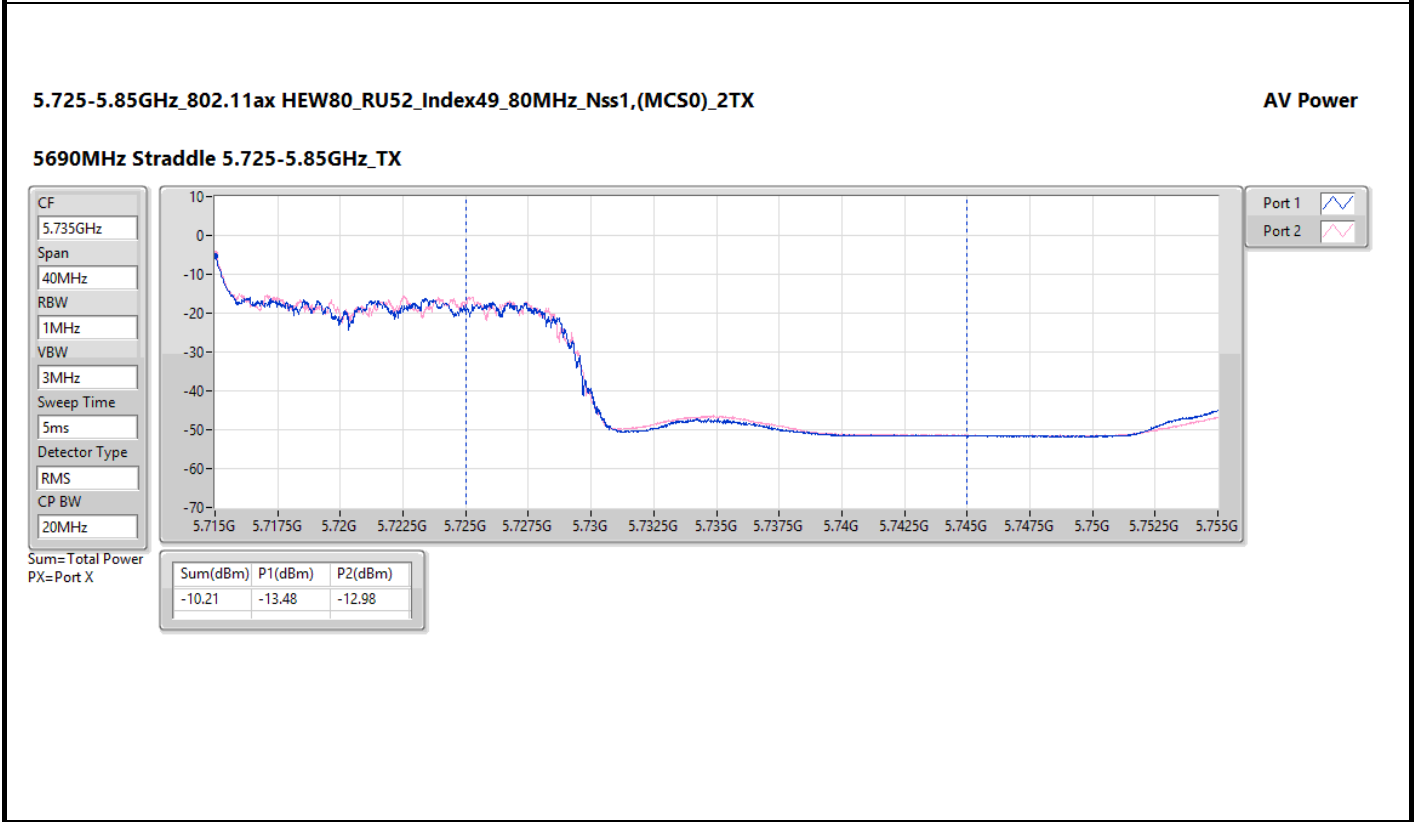
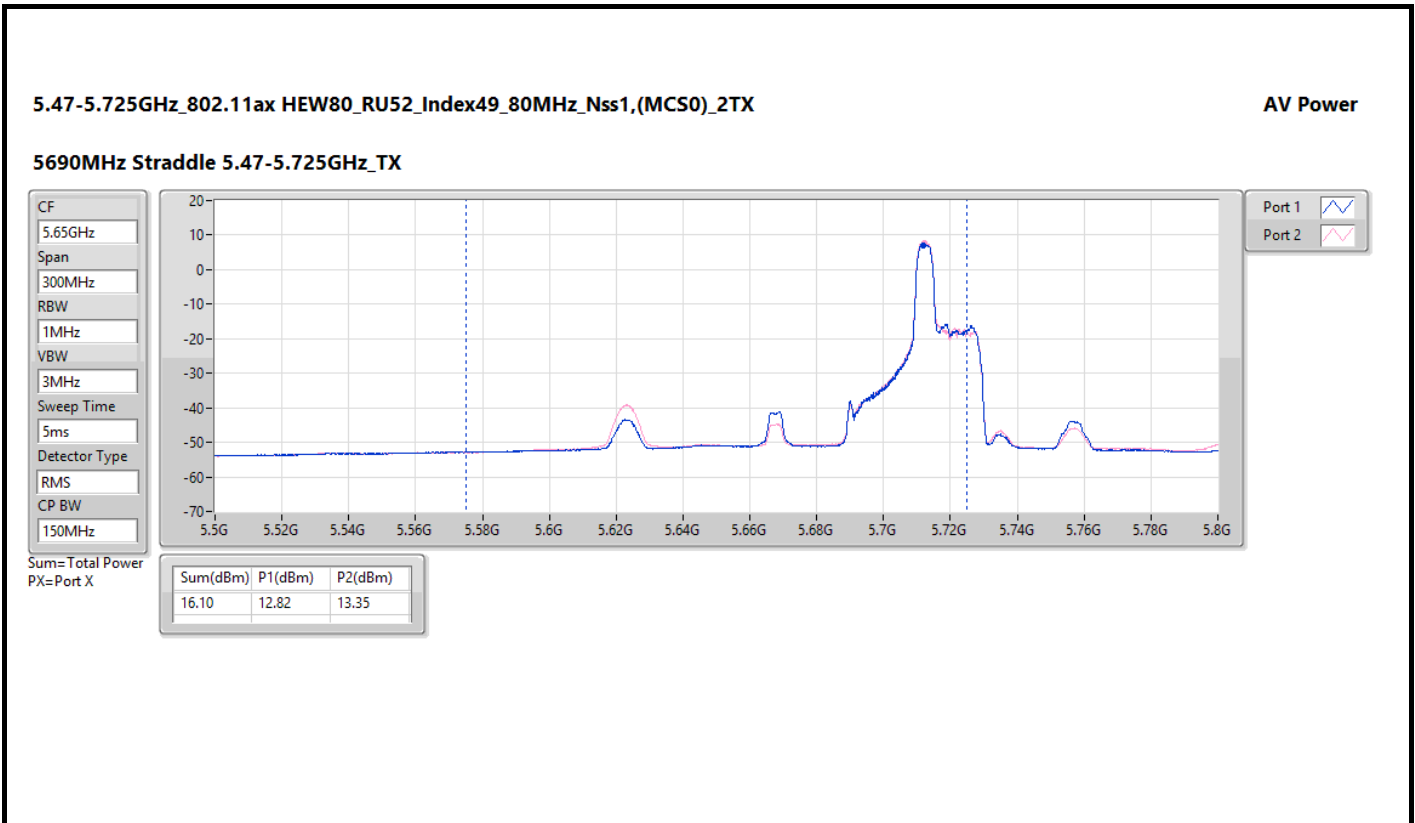


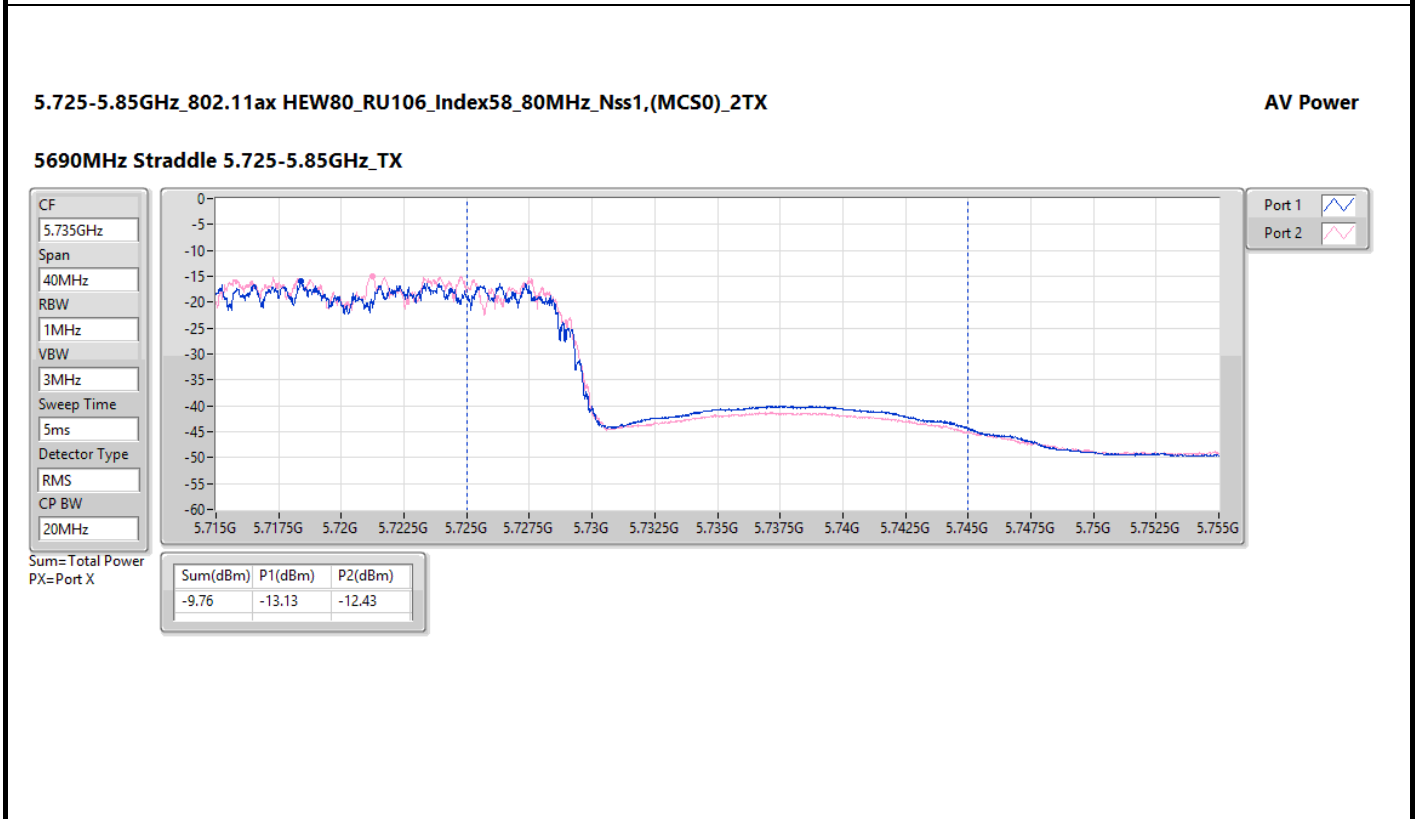
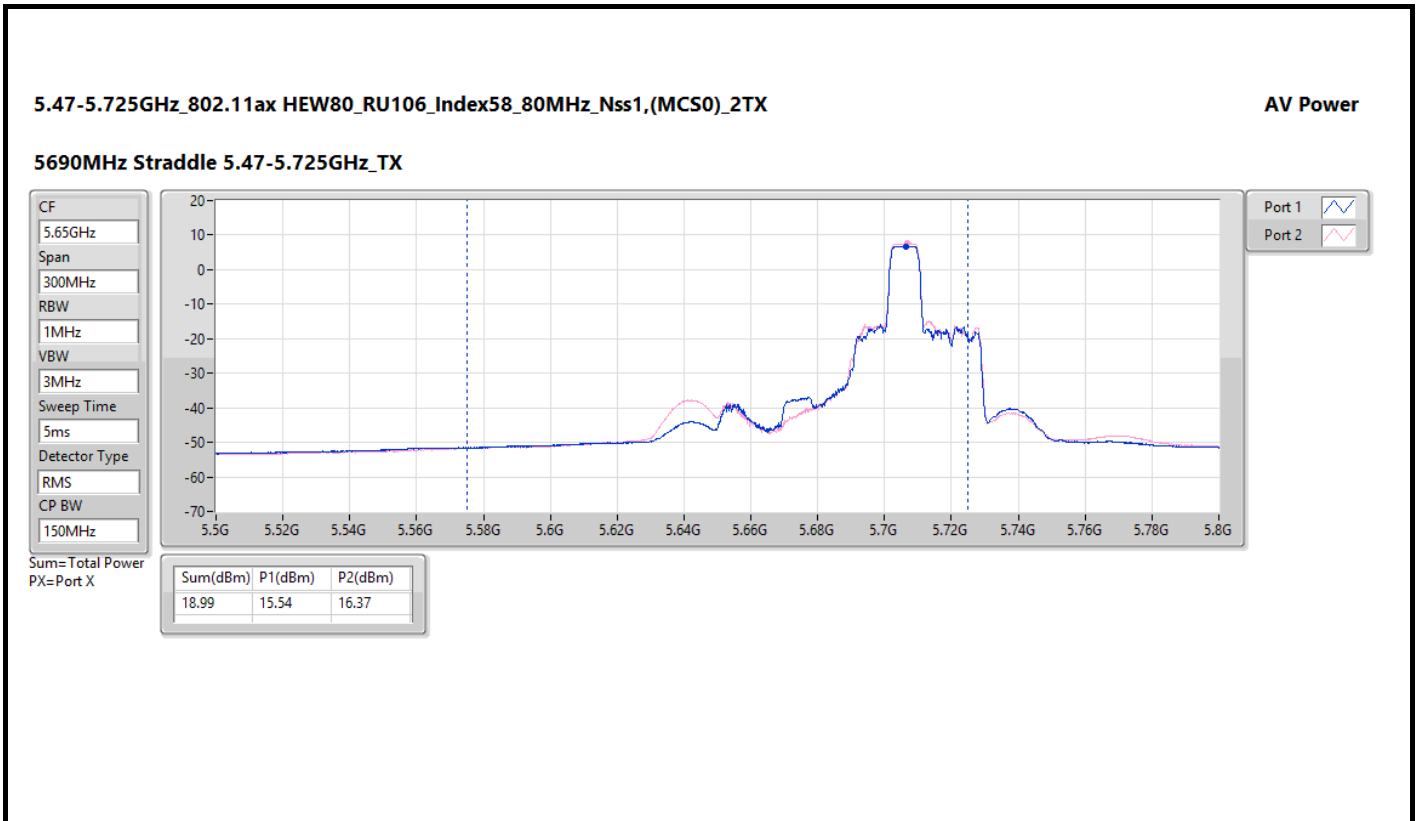


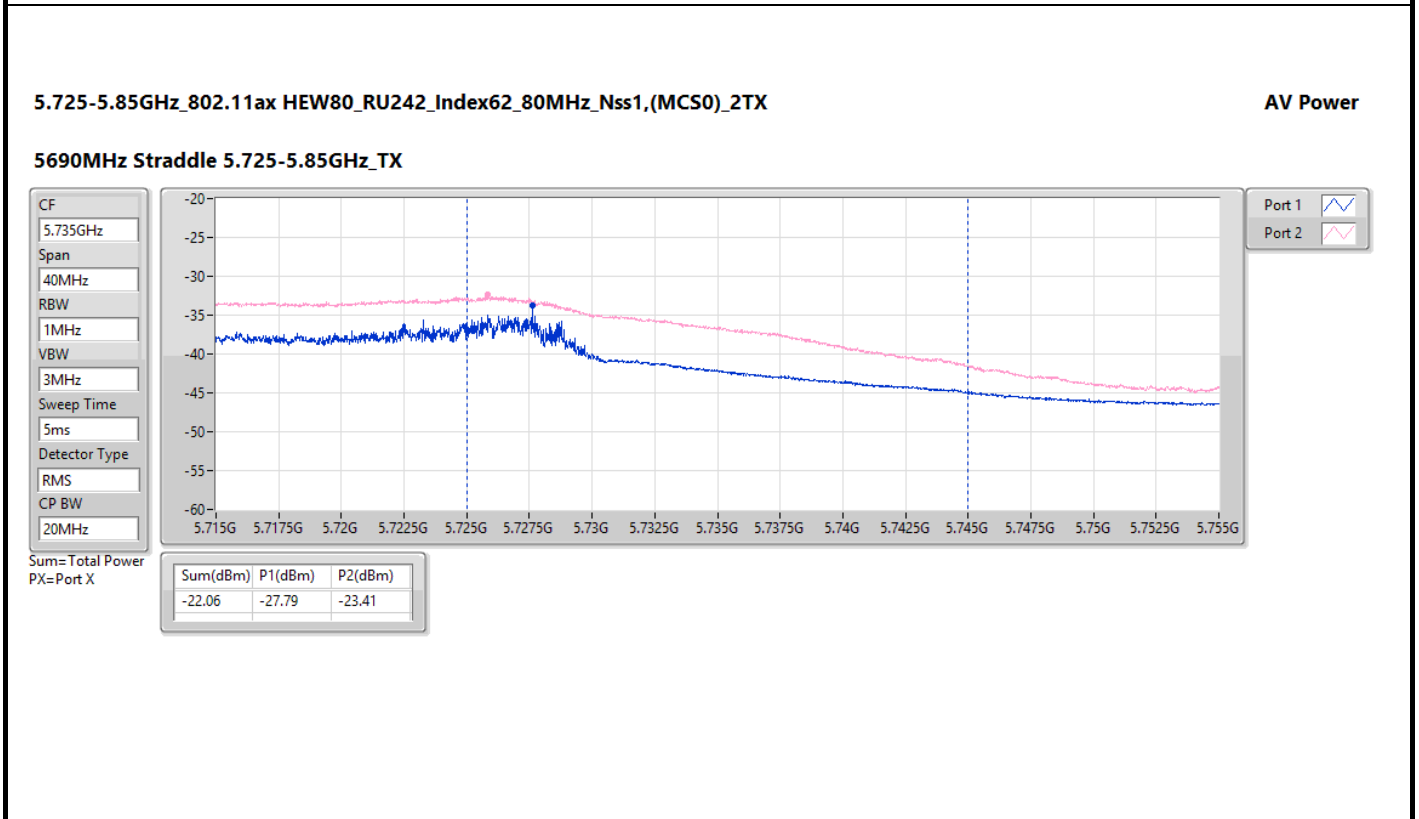
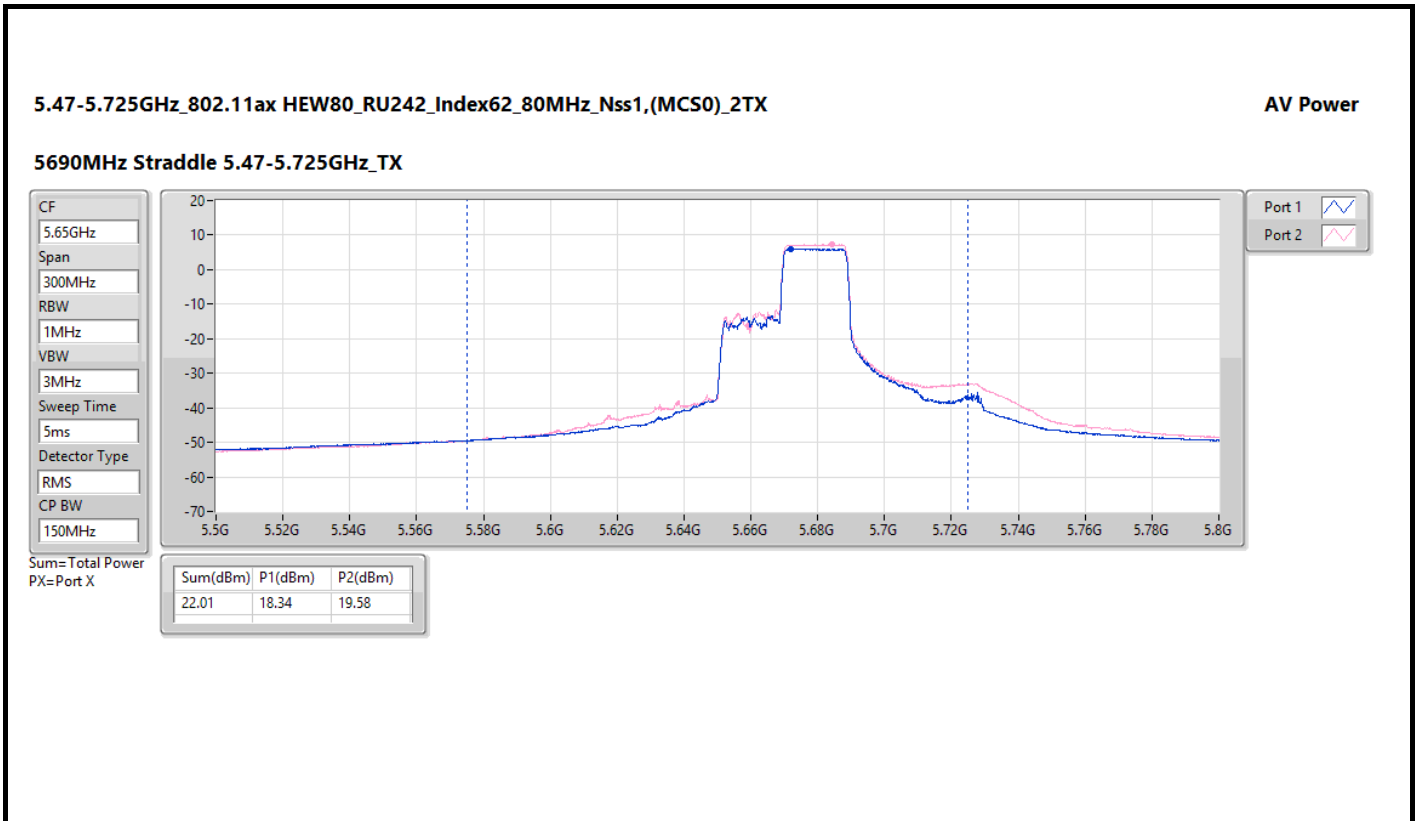


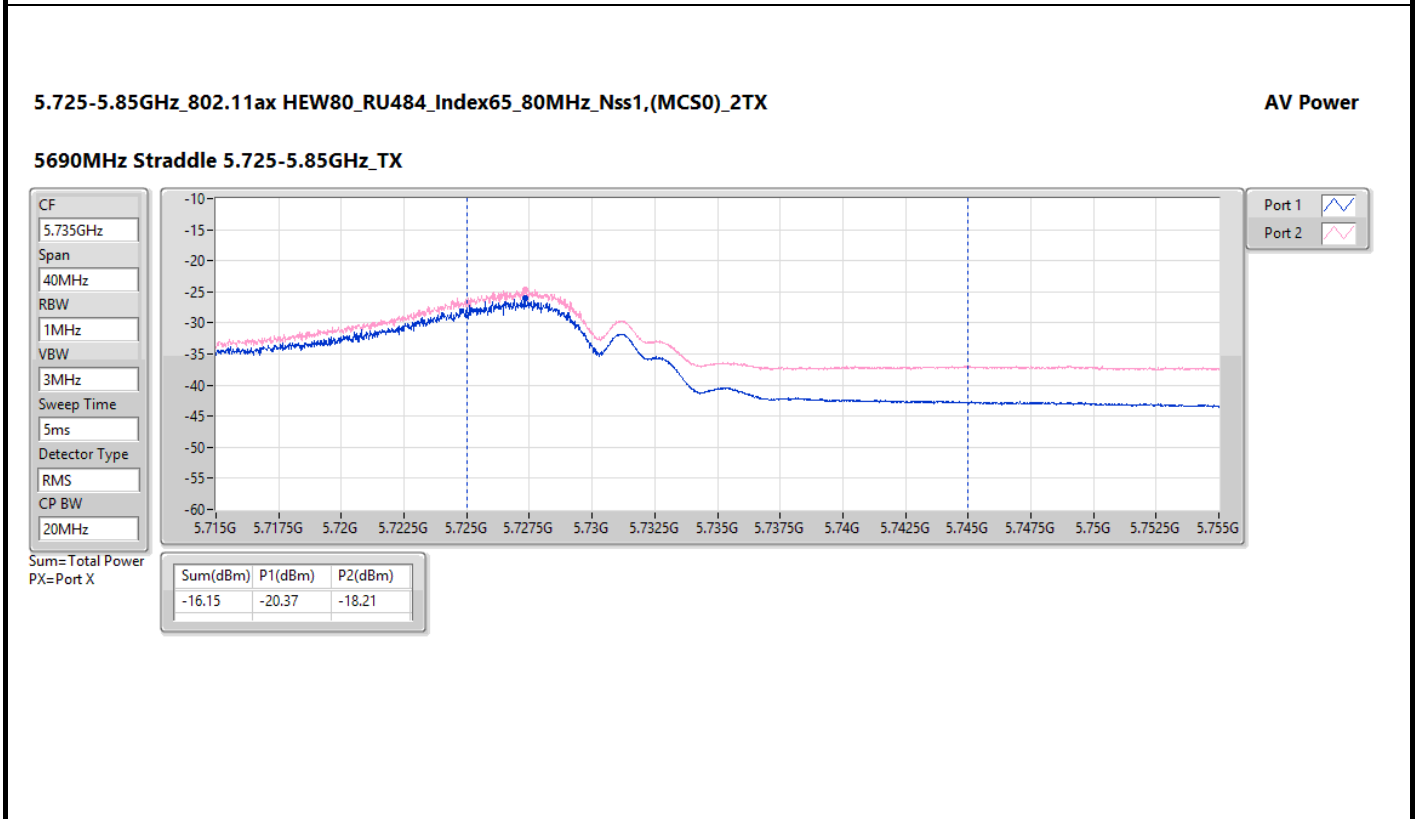
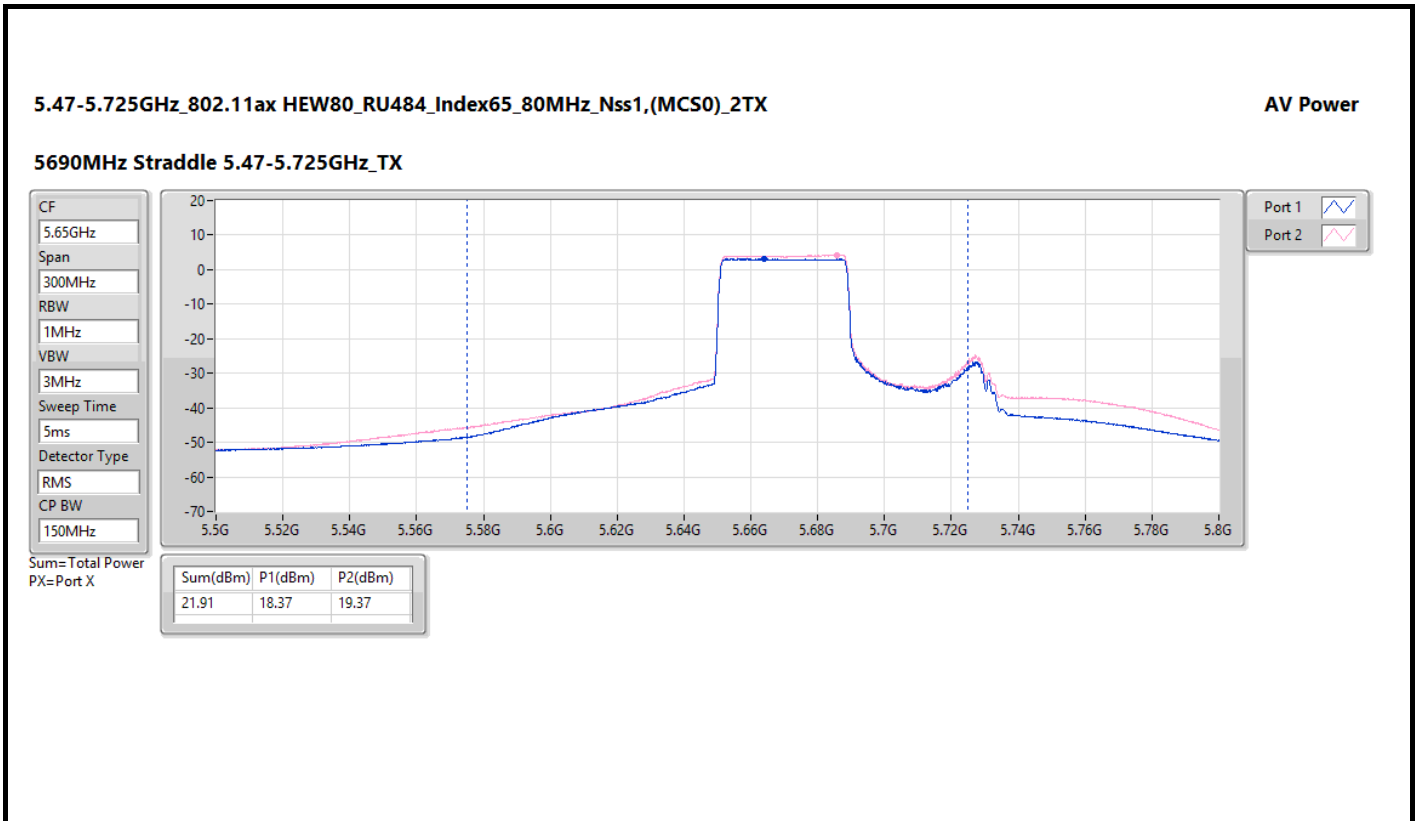














Beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	10.06	0.01014	17.47	0.05585
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	13.04	0.02014	20.45	0.11092
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	16.13	0.04102	23.54	0.22594
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	9.87	0.00971	17.28	0.05346
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	12.59	0.01816	20.00	0.10000
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	14.75	0.02985	22.16	0.16444
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	14.69	0.02944	22.10	0.16218
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	9.58	0.00908	16.99	0.05000
802.11ax HEW80_RU52_Index49,BF_80MHz_Nss1,(MCS0)_2TX	11.10	0.01288	18.51	0.07096
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	12.12	0.01629	19.53	0.08974
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	11.96	0.01570	19.37	0.08650
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	11.91	0.01552	19.32	0.08551
5.25-5.35GHz	-	-	-	-
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	10.02	0.01005	17.43	0.05534
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	13.09	0.02037	20.50	0.11220
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	15.95	0.03936	23.36	0.21677
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	9.72	0.00938	17.13	0.05164
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	12.66	0.01845	20.07	0.10162
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	15.47	0.03524	22.88	0.19409
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	15.57	0.03606	22.98	0.19861
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	9.88	0.00973	17.29	0.05358
802.11ax HEW80_RU52_Index49,BF_80MHz_Nss1,(MCS0)_2TX	11.44	0.01393	18.85	0.07674
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	12.88	0.01941	20.29	0.10691
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	13.25	0.02113	20.66	0.11641
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	12.13	0.01633	19.54	0.08995
5.47-5.725GHz	-	-	-	-
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	10.00	0.01000	17.41	0.05508
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	13.03	0.02009	20.44	0.11066
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	15.75	0.03758	23.16	0.20701
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	9.91	0.00979	17.32	0.05395
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	12.91	0.01954	20.32	0.10765
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	16.17	0.04140	23.58	0.22803
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	19.03	0.07998	26.44	0.44055
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	10.02	0.01005	17.43	0.05534
802.11ax HEW80_RU52_Index49,BF_80MHz_Nss1,(MCS0)_2TX	13.09	0.02037	20.50	0.11220
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	15.98	0.03963	23.39	0.21827
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	19.00	0.07943	26.41	0.43752
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	18.90	0.07762	26.31	0.42756
5.725-5.85GHz	-	-	-	-



Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	19.39	0.08690	26.80	0.47863
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	19.65	0.09226	27.06	0.50816
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	19.50	0.08913	26.91	0.49091
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	18.93	0.07816	26.34	0.43053
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	18.83	0.07638	26.24	0.42073
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	19.16	0.08241	26.57	0.45394
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	19.31	0.08531	26.72	0.46989
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	9.24	0.00839	16.65	0.04624
802.11ax HEW80_RU52_Index49,BF_80MHz_Nss1,(MCS0)_2TX	11.19	0.01315	18.60	0.07244
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	13.79	0.02393	21.20	0.13183
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	14.26	0.02667	21.67	0.14689
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	16.58	0.04550	23.99	0.25061



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.41	7.21	6.69	9.97	22.59	17.38	30.00
5200MHz	Pass	7.41	7.25	6.85	10.06	22.59	17.47	30.00
5240MHz	Pass	7.41	6.83	6.58	9.72	22.59	17.13	30.00
5260MHz	Pass	7.41	6.81	6.6	9.72	22.13	17.13	29.54
5300MHz	Pass	7.41	6.97	6.9	9.95	22.12	17.36	29.53
5320MHz	Pass	7.41	6.91	7.11	10.02	22.13	17.43	29.54
5500MHz	Pass	7.41	7.2	6.6	9.92	22.13	17.33	29.54
5580MHz	Pass	7.41	6.87	6.95	9.92	22.12	17.33	29.53
5700MHz	Pass	7.41	-0.08	0	2.97	22.15	10.38	29.56
5720MHz Straddle 5.47-5.725GHz	Pass	7.41	6.91	7.06	10.00	21.05	17.41	28.46
5720MHz Straddle 5.725-5.85GHz	Pass	7.41	-19.55	-19.25	-16.39	28.59	-8.98	36.00
5745MHz	Pass	7.41	16.13	16.14	19.15	28.59	26.56	36.00
5785MHz	Pass	7.41	15.97	16.5	19.25	28.59	26.66	36.00
5825MHz	Pass	7.41	15.88	16.83	19.39	28.59	26.80	36.00
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.41	10.25	9.71	13.00	22.59	20.41	30.00
5200MHz	Pass	7.41	10.23	9.82	13.04	22.59	20.45	30.00
5240MHz	Pass	7.41	9.8	9.57	12.70	22.59	20.11	30.00
5260MHz	Pass	7.41	9.85	9.67	12.77	22.18	20.18	29.59
5300MHz	Pass	7.41	9.95	9.94	12.96	22.16	20.37	29.57
5320MHz	Pass	7.41	10.01	10.14	13.09	22.18	20.50	29.59
5500MHz	Pass	7.41	10.17	9.54	12.88	22.13	20.29	29.54
5580MHz	Pass	7.41	9.77	9.97	12.88	22.15	20.29	29.56
5700MHz	Pass	7.41	4.21	4.38	7.31	22.16	14.72	29.57
5720MHz Straddle 5.47-5.725GHz	Pass	7.41	9.9	10.13	13.03	21.06	20.44	28.47
5720MHz Straddle 5.725-5.85GHz	Pass	7.41	-16.31	-16.04	-13.16	28.59	-5.75	36.00
5745MHz	Pass	7.41	16.17	16.04	19.12	28.59	26.53	36.00
5785MHz	Pass	7.41	16.39	16.88	19.65	28.59	27.06	36.00
5825MHz	Pass	7.41	16.33	16.81	19.59	28.59	27.00	36.00
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.41	9.6	9.1	12.37	22.59	19.78	30.00
5200MHz	Pass	7.41	12.63	12.44	15.55	22.59	22.96	30.00
5240MHz	Pass	7.41	13.53	12.67	16.13	22.59	23.54	30.00
5260MHz	Pass	7.41	13.15	12.72	15.95	22.59	23.36	30.00
5300MHz	Pass	7.41	11.88	11.82	14.86	22.59	22.27	30.00
5320MHz	Pass	7.41	8.41	8.51	11.47	22.59	18.88	30.00
5500MHz	Pass	7.41	11.51	11.09	14.32	22.59	21.73	30.00
5580MHz	Pass	7.41	12.61	12.86	15.75	22.59	23.16	30.00



Conducted Output Power(Average) - ST Module

Appendix B.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5700MHz	Pass	7.41	7.38	7.67	10.54	22.59	17.95	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.41	12.4	12.87	15.65	21.80	23.06	29.21
5720MHz Straddle 5.725-5.85GHz	Pass	7.41	-13.04	-12.99	-10.00	28.59	-2.59	36.00
5745MHz	Pass	7.41	16.32	15.71	19.04	28.59	26.45	36.00
5785MHz	Pass	7.41	16.3	16.67	19.50	28.59	26.91	36.00
5825MHz	Pass	7.41	16.18	16.77	19.50	28.59	26.91	36.00
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.41	6.8	6.77	9.80	22.59	17.21	30.00
5230MHz	Pass	7.41	6.83	6.88	9.87	22.59	17.28	30.00
5270MHz	Pass	7.41	6.51	6.83	9.68	22.19	17.09	29.60
5310MHz	Pass	7.41	6.47	6.94	9.72	22.16	17.13	29.57
5510MHz	Pass	7.41	6.18	6.1	9.15	22.16	16.56	29.57
5590MHz	Pass	7.41	6.53	7.24	9.91	22.19	17.32	29.60
5670MHz	Pass	7.41	1.03	1.84	4.46	22.16	11.87	29.57
5710MHz Straddle 5.47-5.725GHz	Pass	7.41	6.55	7.18	9.89	21.03	17.30	28.44
5710MHz Straddle 5.725-5.85GHz	Pass	7.41	-20.12	-19.44	-16.76	28.59	-9.35	36.00
5755MHz	Pass	7.41	10.61	11.45	14.06	28.59	21.47	36.00
5795MHz	Pass	7.41	15.61	16.2	18.93	28.59	26.34	36.00
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.41	7.74	7.81	10.79	22.59	18.20	30.00
5230MHz	Pass	7.41	9.41	9.74	12.59	22.59	20.00	30.00
5270MHz	Pass	7.41	9.45	9.84	12.66	22.19	20.07	29.60
5310MHz	Pass	7.41	9.07	9.67	12.39	22.26	19.80	29.67
5510MHz	Pass	7.41	7.67	7.67	10.68	22.26	18.09	29.67
5590MHz	Pass	7.41	9.4	10.34	12.91	22.16	20.32	29.57
5670MHz	Pass	7.41	6.14	6.76	9.47	22.19	16.88	29.60
5710MHz Straddle 5.47-5.725GHz	Pass	7.41	8.99	9.76	12.40	21.21	19.81	28.62
5710MHz Straddle 5.725-5.85GHz	Pass	7.41	-17.42	-16.62	-13.99	28.59	-6.58	36.00
5755MHz	Pass	7.41	13.8	13.88	16.85	28.59	24.26	36.00
5795MHz	Pass	7.41	15.58	16.04	18.83	28.59	26.24	36.00
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.41	8.74	8.83	11.80	22.59	19.21	30.00
5230MHz	Pass	7.41	11.73	11.75	14.75	22.59	22.16	30.00
5270MHz	Pass	7.41	12.34	12.57	15.47	22.59	22.88	30.00
5310MHz	Pass	7.41	8.48	8.92	11.72	22.59	19.13	30.00
5510MHz	Pass	7.41	8.68	8.61	11.66	22.59	19.07	30.00
5590MHz	Pass	7.41	11.86	12.87	15.40	22.59	22.81	30.00
5670MHz	Pass	7.41	8.97	9.84	12.44	22.59	19.85	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.41	12.56	13.69	16.17	22.59	23.58	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.41	-33.8	-31.17	-29.28	28.59	-21.87	36.00



Conducted Output Power(Average) - ST Module

Appendix B.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5755MHz	Pass	7.41	14.65	15.11	17.90	28.59	25.31	36.00
5795MHz	Pass	7.41	15.74	16.53	19.16	28.59	26.57	36.00
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.41	8.64	8.71	11.69	22.59	19.10	30.00
5230MHz	Pass	7.41	11.61	11.75	14.69	22.59	22.10	30.00
5270MHz	Pass	7.41	12.6	12.51	15.57	22.59	22.98	30.00
5310MHz	Pass	7.41	9.37	9.86	12.63	22.59	20.04	30.00
5510MHz	Pass	7.41	10.11	10.04	13.09	22.59	20.50	30.00
5590MHz	Pass	7.41	15.55	16.43	19.02	22.59	26.43	30.00
5670MHz	Pass	7.41	11.44	12.04	14.76	22.59	22.17	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.41	15.4	16.56	19.03	22.59	26.44	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.41	-21.5	-19.58	-17.42	28.59	-10.01	36.00
5755MHz	Pass	7.41	15.64	16.11	18.89	28.59	26.30	36.00
5795MHz	Pass	7.41	16.02	16.56	19.31	28.59	26.72	36.00
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.41	6.6	6.54	9.58	22.59	16.99	30.00
5290MHz	Pass	7.41	6.77	6.97	9.88	22.19	17.29	29.60
5530MHz	Pass	7.41	6.12	5.77	8.96	22.19	16.37	29.60
5610MHz	Pass	7.41	4.38	5.04	7.73	22.13	15.14	29.54
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	6.8	7.21	10.02	22.20	17.43	29.61
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-41.38	-41.37	-38.36	28.59	-30.95	36.00
5775MHz	Pass	7.41	6	6.44	9.24	28.59	16.65	36.00
802.11ax HEW80_RU52_Index49,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.41	8.07	8.1	11.10	22.59	18.51	30.00
5290MHz	Pass	7.41	8.17	8.67	11.44	22.59	18.85	30.00
5530MHz	Pass	7.41	7.97	7.71	10.85	22.59	18.26	30.00
5610MHz	Pass	7.41	7.64	8.34	11.01	22.59	18.42	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	9.81	10.34	13.09	22.09	20.50	29.50
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-16.49	-15.99	-13.22	28.59	-5.81	36.00
5775MHz	Pass	7.41	7.98	8.37	11.19	28.59	18.60	36.00
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.41	9.11	9.1	12.12	22.59	19.53	30.00
5290MHz	Pass	7.41	9.73	10	12.88	22.59	20.29	30.00
5530MHz	Pass	7.41	8.34	8.16	11.26	22.59	18.67	30.00
5610MHz	Pass	7.41	10.96	11.86	14.44	22.59	21.85	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	12.53	13.36	15.98	22.59	23.39	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-16.14	-15.44	-12.77	28.59	-5.36	36.00
5775MHz	Pass	7.41	10.54	11.01	13.79	28.59	21.20	36.00
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-



Conducted Output Power(Average) - ST Module

Appendix B.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5210MHz	Pass	7.41	8.98	8.92	11.96	22.59	19.37	30.00
5290MHz	Pass	7.41	10.11	10.36	13.25	22.59	20.66	30.00
5530MHz	Pass	7.41	10.53	10.15	13.35	22.59	20.76	30.00
5610MHz	Pass	7.41	11.67	12.16	14.93	22.59	22.34	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	15.33	16.57	19.00	22.59	26.41	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-30.8	-26.42	-25.07	28.59	-17.66	36.00
5775MHz	Pass	7.41	11.14	11.35	14.26	28.59	21.67	36.00
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.41	8.96	8.83	11.91	22.59	19.32	30.00
5290MHz	Pass	7.41	9.06	9.17	12.13	22.59	19.54	30.00
5530MHz	Pass	7.41	8.33	7.93	11.14	22.59	18.55	30.00
5610MHz	Pass	7.41	12.8	13.61	16.23	22.59	23.64	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	15.36	16.36	18.90	22.59	26.31	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-23.38	-21.22	-19.16	28.59	-11.75	36.00
5775MHz	Pass	7.41	13.37	13.77	16.58	28.59	23.99	36.00

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

Remarks:

For 5180~5240MHz/5260~5320MHz/5500~5720MHz:

Directional gain = $4.4 + 10 \cdot \log(2/1) = 7.41 \text{ dBi} > 6 \text{ dBi}$, so the limit shall be reduced to 24 dBm – (7.41dBi – 6dBi) =22.59 dBm

For 5745~5825MHz:

Directional gain = $4.4 + 10 \cdot \log(2/1) = 7.41 \text{ dBi} > 6 \text{ dBi}$, so the limit shall be reduced to 30 dBm – (7.41dBi – 6dBi) =28.59 dBm



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	9.04	16.45
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	9.08	16.49
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	9.02	16.43
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	9.02	16.43
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	9.03	16.44
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	7.91	15.32
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	4.61	12.02
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	8.74	16.15
802.11ax HEW80_RU52_Index49_80MHz_Nss1,(MCS0)_2TX	7.30	14.71
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	5.42	12.83
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	1.37	8.78
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	-1.23	6.18
5.25-5.35GHz	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	9.07	16.48
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	9.08	16.49
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	8.97	16.38
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	9.07	16.48
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	9.03	16.44
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	8.69	16.10
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	5.82	13.23
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	8.98	16.39
802.11ax HEW80_RU52_Index49_80MHz_Nss1,(MCS0)_2TX	7.86	15.27
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	5.87	13.28
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	3.27	10.68
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	-1.37	6.04
5.47-5.725GHz	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	8.95	16.36
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	9.00	16.41
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	8.92	16.33
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	9.02	16.43
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	9.04	16.45
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	9.02	16.43
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	8.98	16.39
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	8.93	16.34
802.11ax HEW80_RU52_Index49_80MHz_Nss1,(MCS0)_2TX	9.07	16.48
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	8.88	16.29
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	8.58	15.99
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	5.48	12.89
5.725-5.85GHz	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	17.19	24.60
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	14.34	21.75



Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	11.74	19.15
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	16.38	23.79
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	11.58	18.99
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	10.92	18.33
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	7.65	15.06
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	6.45	13.86
802.11ax HEW80_RU52_Index49_80MHz_Nss1,(MCS0)_2TX	6.16	13.57
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	5.36	12.77
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	2.92	10.33
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	1.83	9.24

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.41	5.88	6.06	8.93	9.59	16.34	17.00
5200MHz	Pass	7.41	5.93	6.14	9.04	9.59	16.45	17.00
5240MHz	Pass	7.41	6.17	5.89	8.91	9.59	16.32	17.00
5260MHz	Pass	7.41	6.08	5.78	8.92	9.59	16.33	17.00
5300MHz	Pass	7.41	6.17	5.84	8.96	9.59	16.37	17.00
5320MHz	Pass	7.41	6.36	5.88	9.07	9.59	16.48	17.00
5500MHz	Pass	7.41	5.98	6.00	8.95	9.59	16.36	17.00
5580MHz	Pass	7.41	5.61	6.11	8.85	9.59	16.26	17.00
5700MHz	Pass	7.41	-0.39	-1.00	2.24	9.59	9.65	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.41	6.01	5.87	8.86	9.59	16.27	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.41	-20.29	-20.12	-18.82	28.59	-11.41	36.00
5745MHz	Pass	7.41	14.24	14.03	17.01	28.59	24.42	36.00
5785MHz	Pass	7.41	14.09	14.03	17.06	28.59	24.47	36.00
5825MHz	Pass	7.41	14.23	14.21	17.19	28.59	24.60	36.00
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.41	5.93	6.32	9.01	9.59	16.42	17.00
5200MHz	Pass	7.41	6.10	6.30	9.08	9.59	16.49	17.00
5240MHz	Pass	7.41	6.40	5.89	8.93	9.59	16.34	17.00
5260MHz	Pass	7.41	6.27	6.06	9.05	9.59	16.46	17.00
5300MHz	Pass	7.41	6.34	6.03	9.08	9.59	16.49	17.00
5320MHz	Pass	7.41	6.22	6.01	9.06	9.59	16.47	17.00
5500MHz	Pass	7.41	5.80	5.99	8.82	9.59	16.23	17.00
5580MHz	Pass	7.41	5.74	6.25	8.89	9.59	16.30	17.00
5700MHz	Pass	7.41	0.73	0.77	3.68	9.59	11.09	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.41	6.01	6.09	9.00	9.59	16.41	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.41	-17.39	-16.83	-14.35	28.59	-6.94	36.00
5745MHz	Pass	7.41	11.21	11.06	14.03	28.59	21.44	36.00
5785MHz	Pass	7.41	11.30	11.34	14.24	28.59	21.65	36.00
5825MHz	Pass	7.41	11.50	11.33	14.34	28.59	21.75	36.00
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.41	2.65	3.18	5.93	9.59	13.34	17.00
5200MHz	Pass	7.41	5.70	6.29	8.93	9.59	16.34	17.00
5240MHz	Pass	7.41	6.28	5.93	9.02	9.59	16.43	17.00
5260MHz	Pass	7.41	6.50	5.86	8.97	9.59	16.38	17.00
5300MHz	Pass	7.41	5.51	5.30	8.37	9.59	15.78	17.00
5320MHz	Pass	7.41	2.11	1.73	4.91	9.59	12.32	17.00
5500MHz	Pass	7.41	4.69	4.56	7.60	9.59	15.01	17.00
5580MHz	Pass	7.41	5.76	6.22	8.92	9.59	16.33	17.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5700MHz	Pass	7.41	0.74	0.74	3.67	9.59	11.08	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	7.41	5.80	6.04	8.84	9.59	16.25	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	7.41	-14.49	-14.12	-11.46	28.59	-4.05	36.00
5745MHz	Pass	7.41	7.91	8.32	11.08	28.59	18.49	36.00
5785MHz	Pass	7.41	8.06	8.43	11.22	28.59	18.63	36.00
5825MHz	Pass	7.41	8.50	9.04	11.74	28.59	19.15	36.00
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.41	5.83	6.25	8.91	9.59	16.32	17.00
5230MHz	Pass	7.41	5.82	6.27	9.02	9.59	16.43	17.00
5270MHz	Pass	7.41	5.85	6.15	8.99	9.59	16.40	17.00
5310MHz	Pass	7.41	5.96	6.43	9.07	9.59	16.48	17.00
5510MHz	Pass	7.41	5.56	6.11	8.75	9.59	16.16	17.00
5590MHz	Pass	7.41	5.67	6.45	9.02	9.59	16.43	17.00
5670MHz	Pass	7.41	0.46	0.73	3.60	9.59	11.01	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.41	5.58	6.48	8.99	9.59	16.40	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.41	-20.36	-20.34	-18.03	28.59	-10.62	36.00
5755MHz	Pass	7.41	8.72	9.04	11.87	28.59	19.28	36.00
5795MHz	Pass	7.41	13.21	13.65	16.38	28.59	23.79	36.00
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.41	4.90	5.69	8.18	9.59	15.59	17.00
5230MHz	Pass	7.41	5.94	6.19	9.03	9.59	16.44	17.00
5270MHz	Pass	7.41	5.97	6.29	9.03	9.59	16.44	17.00
5310MHz	Pass	7.41	5.79	6.02	8.78	9.59	16.19	17.00
5510MHz	Pass	7.41	3.60	3.85	6.69	9.59	14.10	17.00
5590MHz	Pass	7.41	5.79	6.56	9.04	9.59	16.45	17.00
5670MHz	Pass	7.41	2.20	2.75	5.41	9.59	12.82	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.41	5.40	6.25	8.85	9.59	16.26	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.41	-20.22	-19.74	-17.26	28.59	-9.85	36.00
5755MHz	Pass	7.41	7.99	8.63	11.25	28.59	18.66	36.00
5795MHz	Pass	7.41	8.56	8.68	11.58	28.59	18.99	36.00
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.41	1.64	2.46	5.03	9.59	12.44	17.00
5230MHz	Pass	7.41	4.93	5.04	7.91	9.59	15.32	17.00
5270MHz	Pass	7.41	5.92	5.89	8.69	9.59	16.10	17.00
5310MHz	Pass	7.41	1.96	2.23	5.09	9.59	12.50	17.00
5510MHz	Pass	7.41	1.66	1.91	4.73	9.59	12.14	17.00
5590MHz	Pass	7.41	5.56	6.55	8.96	9.59	16.37	17.00
5670MHz	Pass	7.41	2.08	2.77	5.38	9.59	12.79	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.41	5.89	6.40	9.02	9.59	16.43	17.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5710MHz Straddle 5.725-5.85GHz	Pass	7.41	-38.52	-36.26	-34.90	28.59	-27.49	36.00
5755MHz	Pass	7.41	6.62	7.23	9.91	28.59	17.32	36.00
5795MHz	Pass	7.41	7.73	8.24	10.92	28.59	18.33	36.00
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.41	-1.73	-1.05	1.51	9.59	8.92	17.00
5230MHz	Pass	7.41	1.48	1.77	4.61	9.59	12.02	17.00
5270MHz	Pass	7.41	2.99	2.76	5.82	9.59	13.23	17.00
5310MHz	Pass	7.41	-0.43	-0.15	2.70	9.59	10.11	17.00
5510MHz	Pass	7.41	-0.10	0.22	2.98	9.59	10.39	17.00
5590MHz	Pass	7.41	5.38	6.65	8.98	9.59	16.39	17.00
5670MHz	Pass	7.41	1.20	1.98	4.55	9.59	11.96	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	7.41	5.07	6.19	8.59	9.59	16.00	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	7.41	-25.64	-23.81	-22.25	28.59	-14.84	36.00
5755MHz	Pass	7.41	4.31	5.05	7.63	28.59	15.04	36.00
5795MHz	Pass	7.41	4.32	4.97	7.65	28.59	15.06	36.00
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.41	5.49	6.09	8.74	9.59	16.15	17.00
5290MHz	Pass	7.41	6.15	6.09	8.98	9.59	16.39	17.00
5530MHz	Pass	7.41	4.72	4.98	7.79	9.59	15.20	17.00
5610MHz	Pass	7.41	3.53	3.76	6.61	9.59	14.02	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	5.91	6.05	8.93	9.59	16.34	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-46.99	-46.25	-44.03	28.59	-36.62	36.00
5775MHz	Pass	7.41	3.32	3.71	6.45	28.59	13.86	36.00
802.11ax HEW80_RU52_Index49_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.41	3.77	4.78	7.30	9.59	14.71	17.00
5290MHz	Pass	7.41	4.88	4.81	7.86	9.59	15.27	17.00
5530MHz	Pass	7.41	4.16	4.56	7.33	9.59	14.74	17.00
5610MHz	Pass	7.41	4.41	5.02	7.66	9.59	15.07	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	5.88	6.48	9.07	9.59	16.48	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-18.17	-17.63	-15.67	28.59	-8.26	36.00
5775MHz	Pass	7.41	3.07	3.24	6.16	28.59	13.57	36.00
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.41	1.94	2.86	5.42	9.59	12.83	17.00
5290MHz	Pass	7.41	2.98	2.87	5.87	9.59	13.28	17.00
5530MHz	Pass	7.41	1.08	1.31	4.19	9.59	11.60	17.00
5610MHz	Pass	7.41	4.91	5.05	7.93	9.59	15.34	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	5.88	6.05	8.88	9.59	16.29	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-17.60	-16.74	-14.77	28.59	-7.36	36.00
5775MHz	Pass	7.41	2.36	2.36	5.36	28.59	12.77	36.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.41	-1.84	-1.36	1.37	9.59	8.78	17.00
5290MHz	Pass	7.41	0.25	0.39	3.27	9.59	10.68	17.00
5530MHz	Pass	7.41	0.30	0.31	3.24	9.59	10.65	17.00
5610MHz	Pass	7.41	1.40	2.04	4.63	9.59	12.04	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	5.31	5.89	8.58	9.59	15.99	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-35.12	-35.48	-32.78	28.59	-25.37	36.00
5775MHz	Pass	7.41	0.06	0.04	2.92	28.59	10.33	36.00
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.41	-4.55	-3.74	-1.23	9.59	6.18	17.00
5290MHz	Pass	7.41	-4.46	-4.21	-1.37	9.59	6.04	17.00
5530MHz	Pass	7.41	-5.06	-4.94	-2.05	9.59	5.36	17.00
5610MHz	Pass	7.41	-0.14	0.60	3.14	9.59	10.55	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	7.41	2.17	2.99	5.48	9.59	12.89	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	7.41	-27.99	-26.89	-24.76	28.59	-17.35	36.00
5775MHz	Pass	7.41	-1.28	-1.00	1.83	28.59	9.24	36.00

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 X Power Density;

Remarks:

For 5180~5240MHz/5260~5320MHz/5500~5720MHz:

Directional gain = $4.4 + 10 \cdot \log(2/1) = 7.41$ dBi > 6dBi, so the limit shall be reduced to 11 dBm – (7.41dBi – 6dBi) = 9.59 dBm

For 5745~5825MHz:

Directional gain = $4.4 + 10 \cdot \log(2/1) = 7.41$ dBi > 6dBi, so the limit shall be reduced to 30 dBm – (7.41dBi – 6dBi) = 28.59 dBm

