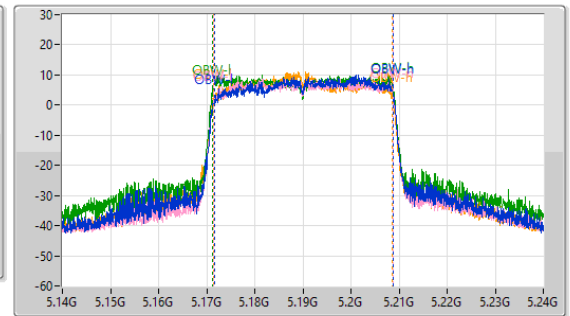
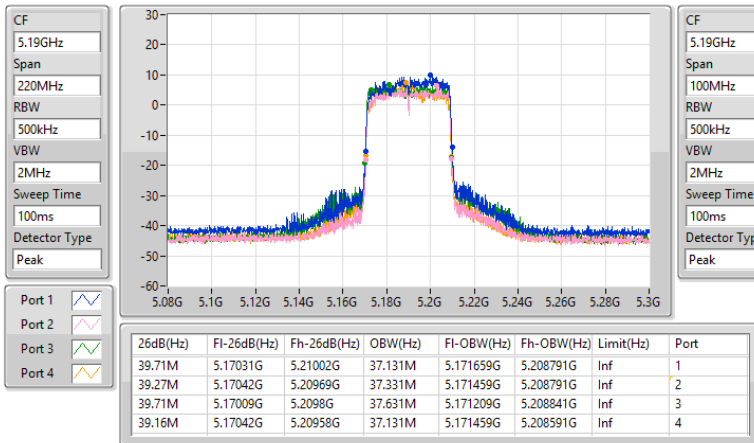




5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

EBW

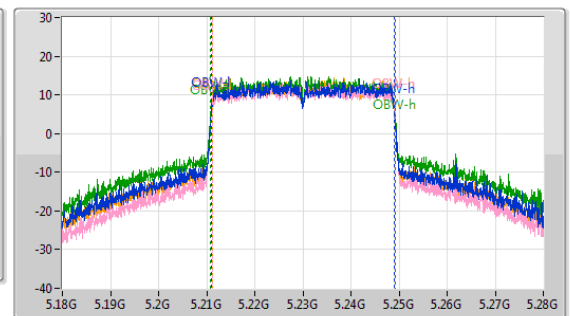
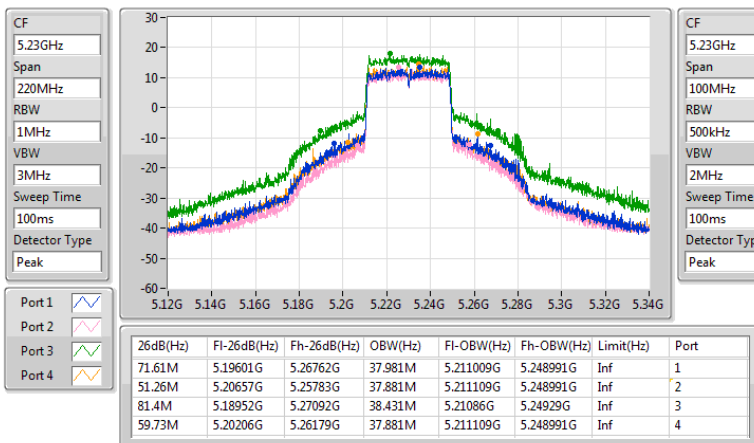
5190MHz



5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

EBW

5230MHz

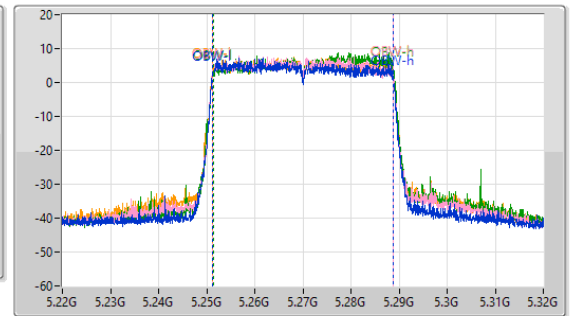
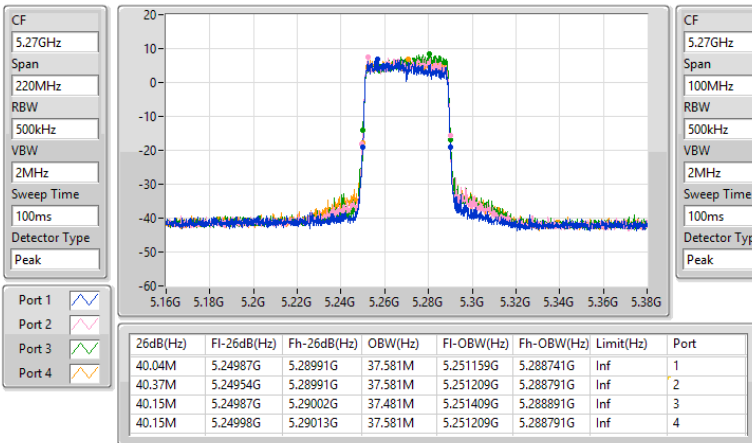




5.25-5.35GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

EBW

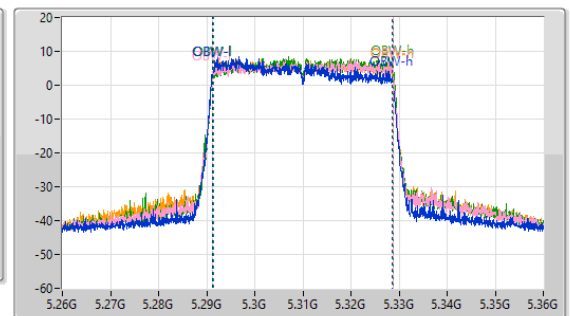
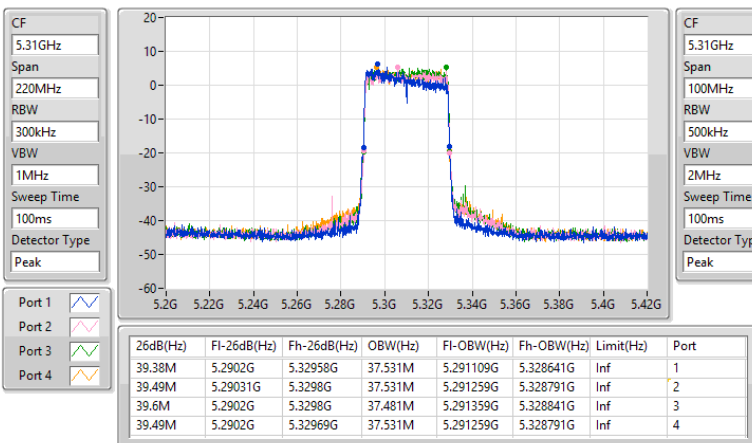
5270MHz



5.25-5.35GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

EBW

5310MHz

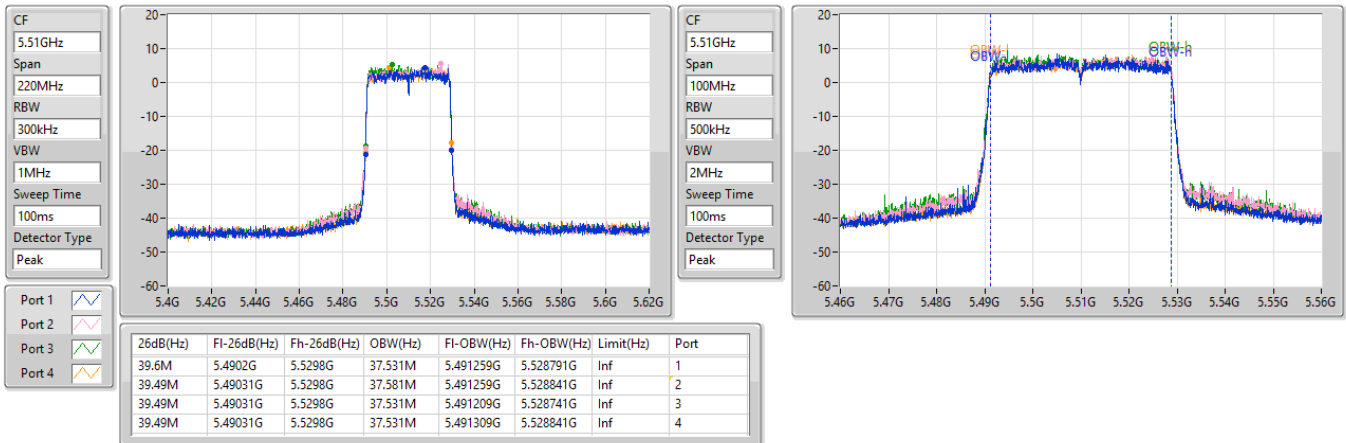




5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

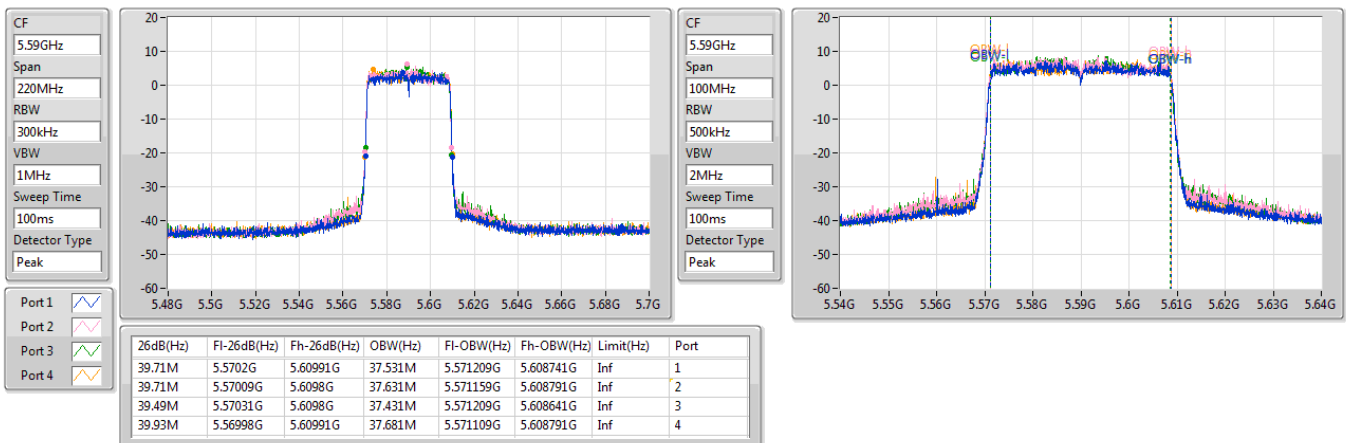
5510MHz



5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5590MHz

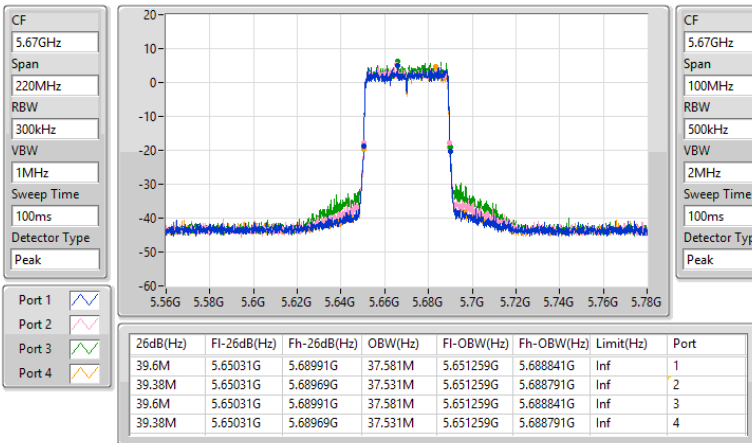




5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

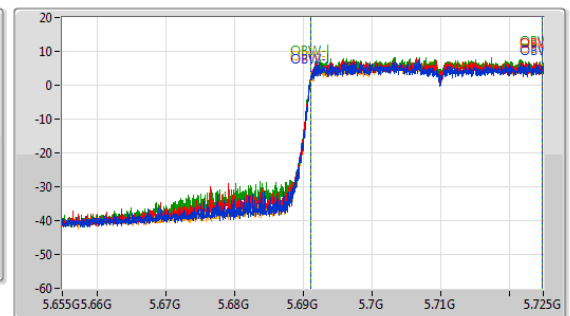
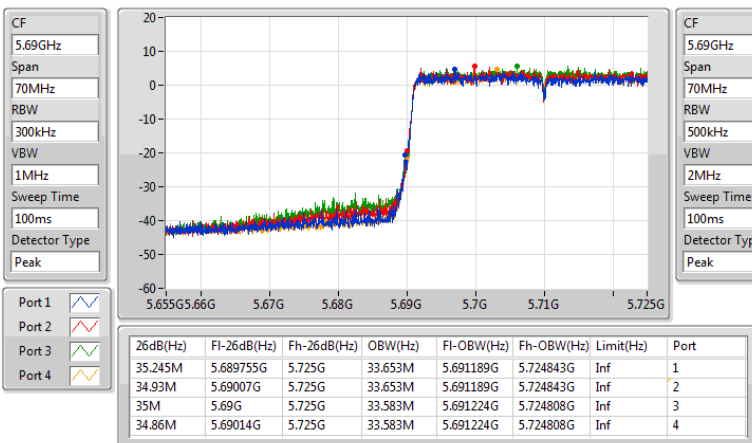
5670MHz



5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.47-5.725GHz

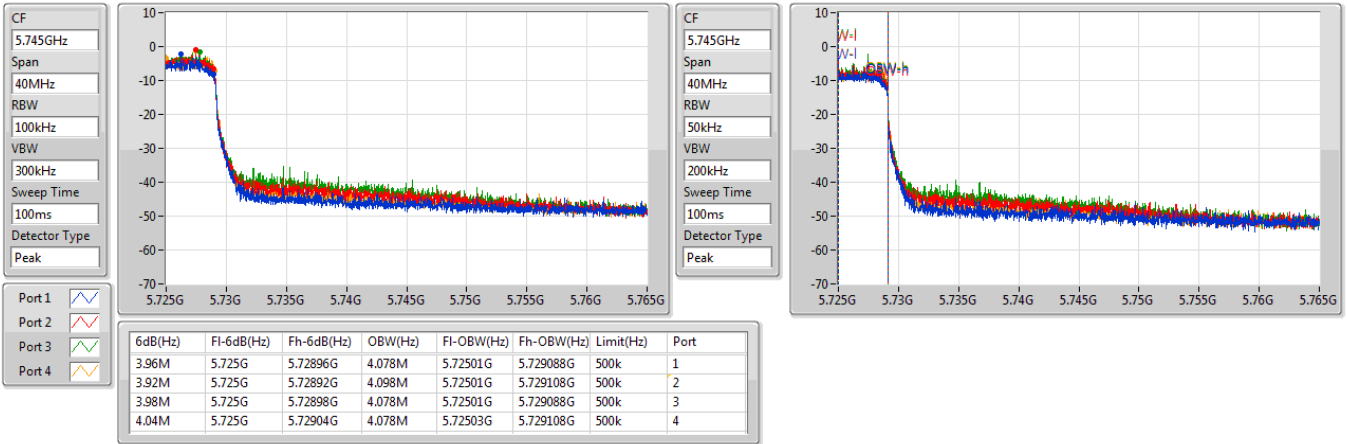




5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

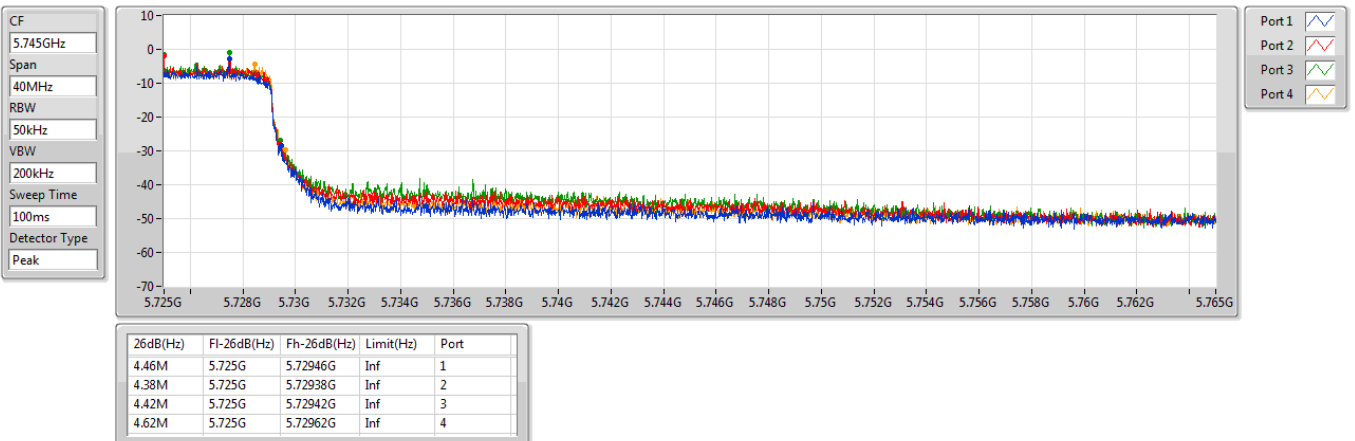
5710MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz

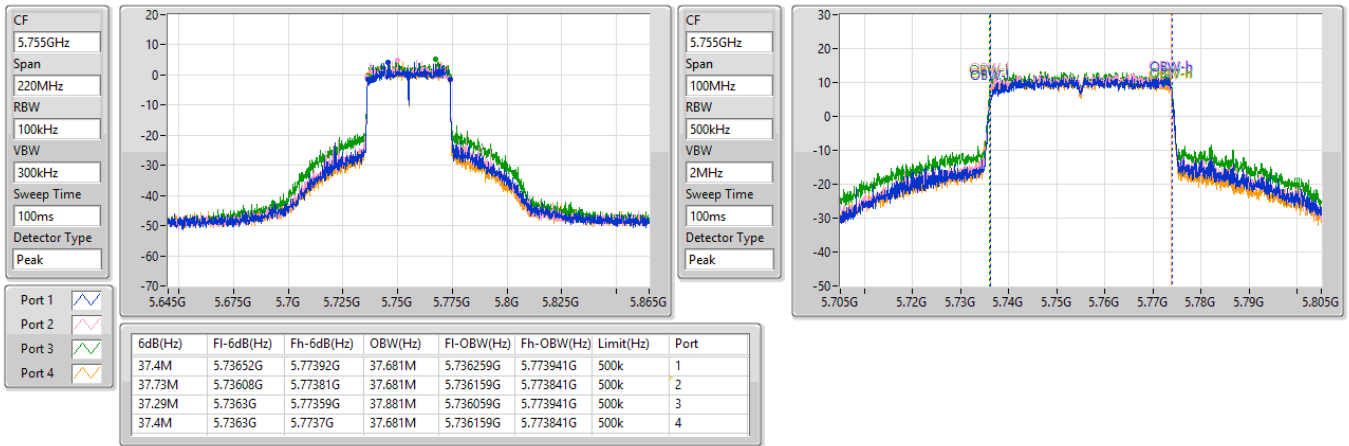




5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5755MHz



5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5755MHz

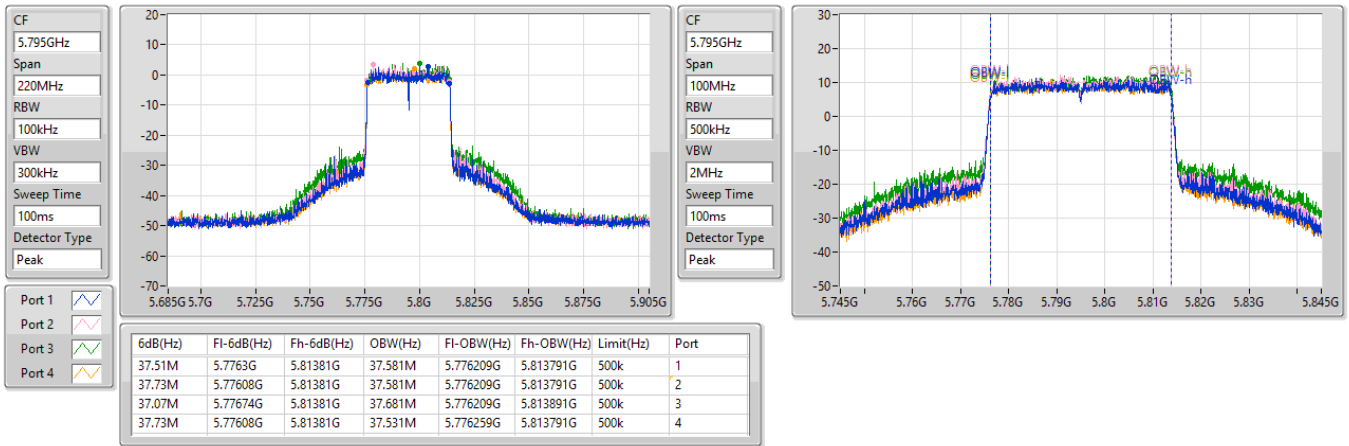




5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

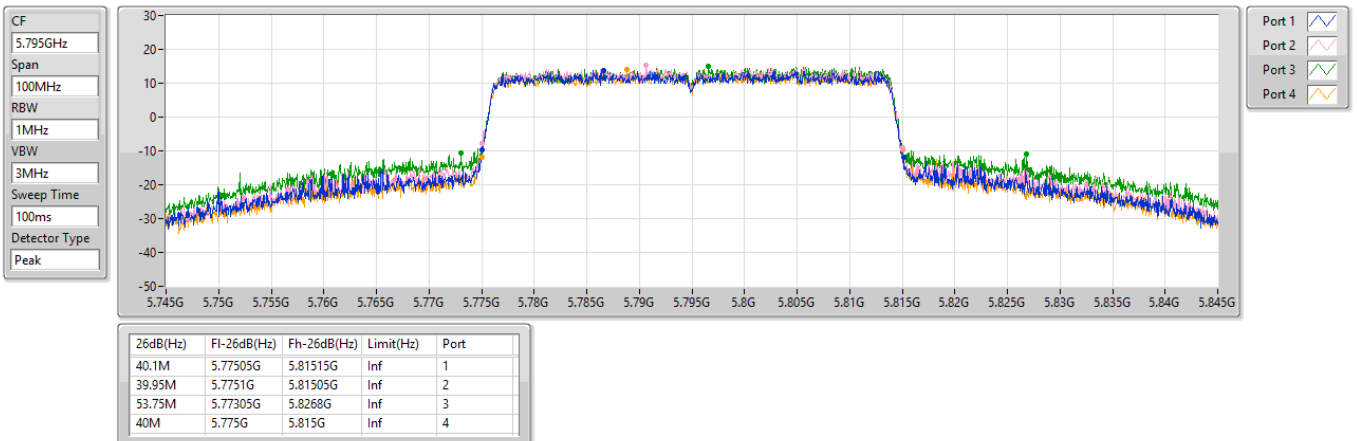
5795MHz



5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5795MHz

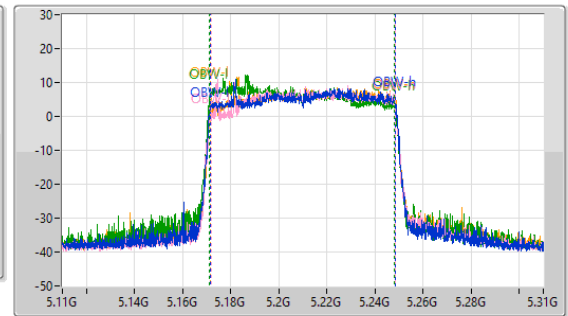
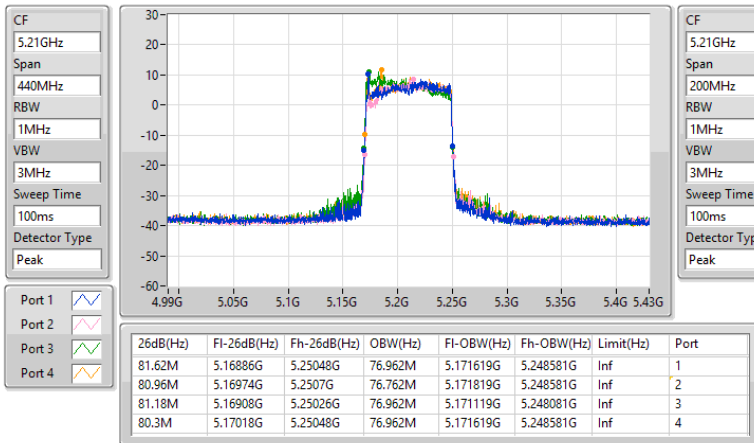




5.15-5.25GHz_802.11ax_HEW80-BF_Nss1,(MCS0)_4TX

EBW

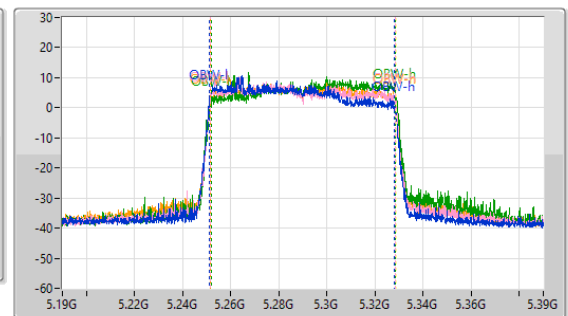
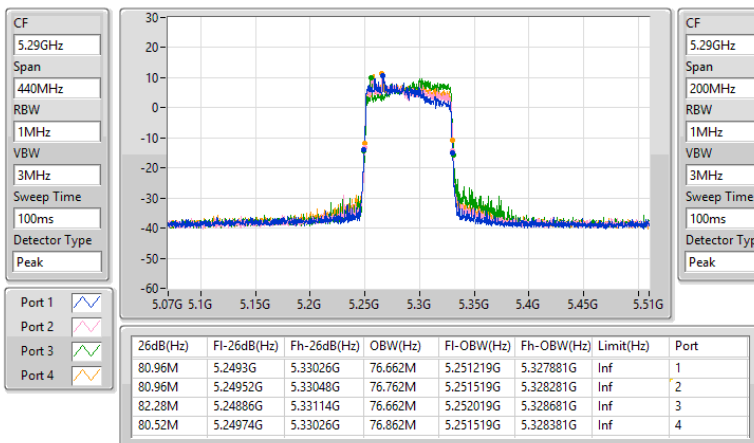
5210MHz



5.25-5.35GHz_802.11ax_HEW80-BF_Nss1,(MCS0)_4TX

EBW

5290MHz

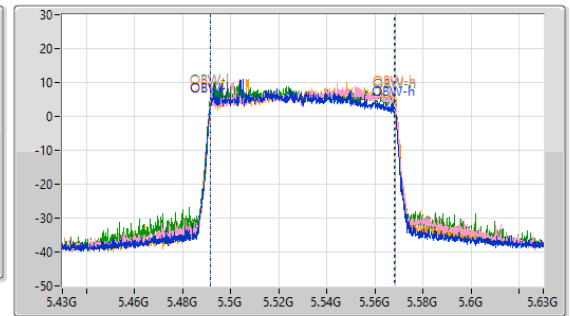
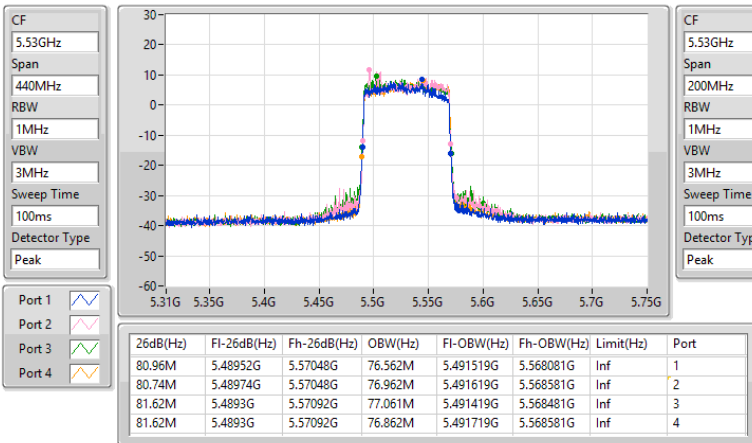




5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

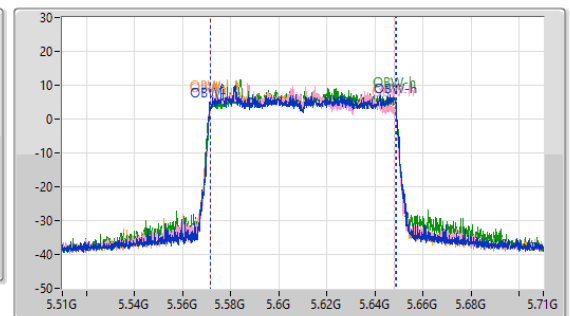
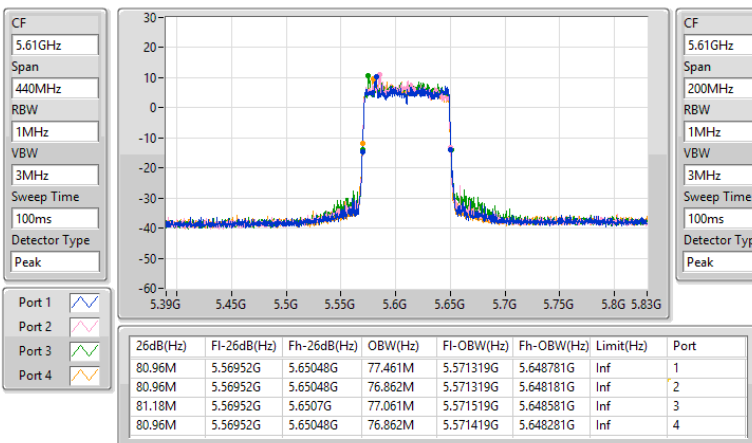
5530MHz



5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5610MHz

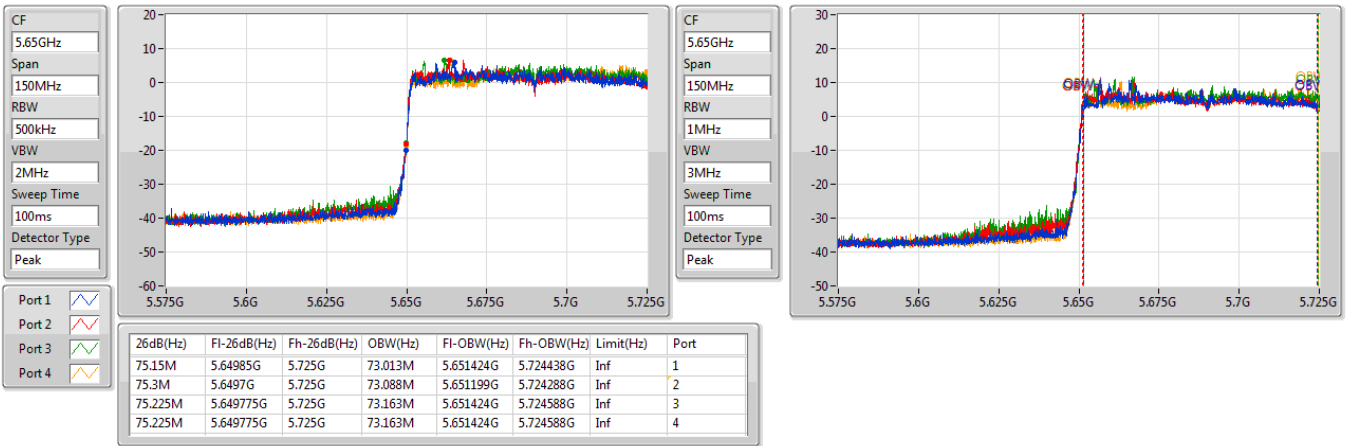




5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

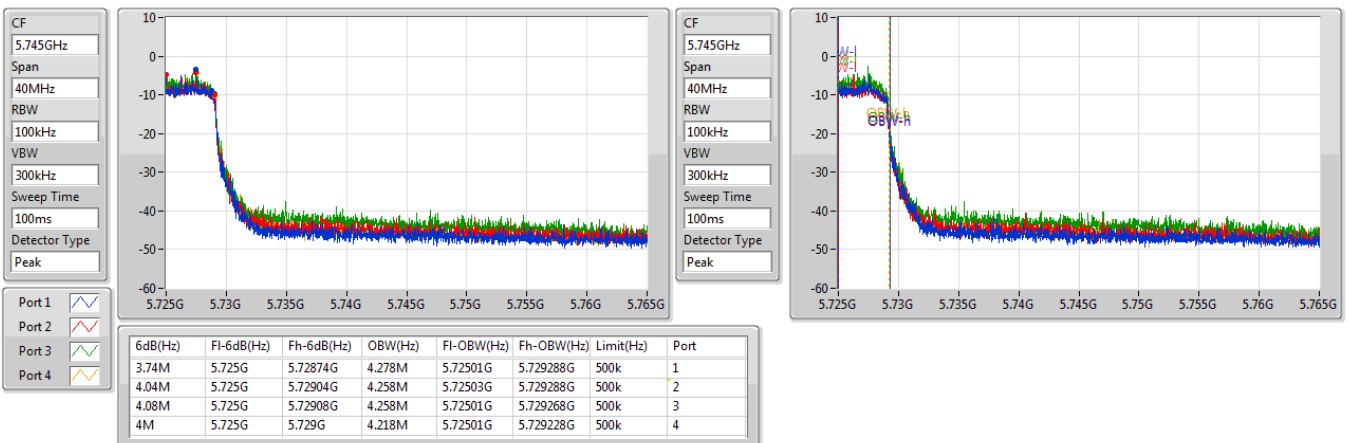
5690MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz

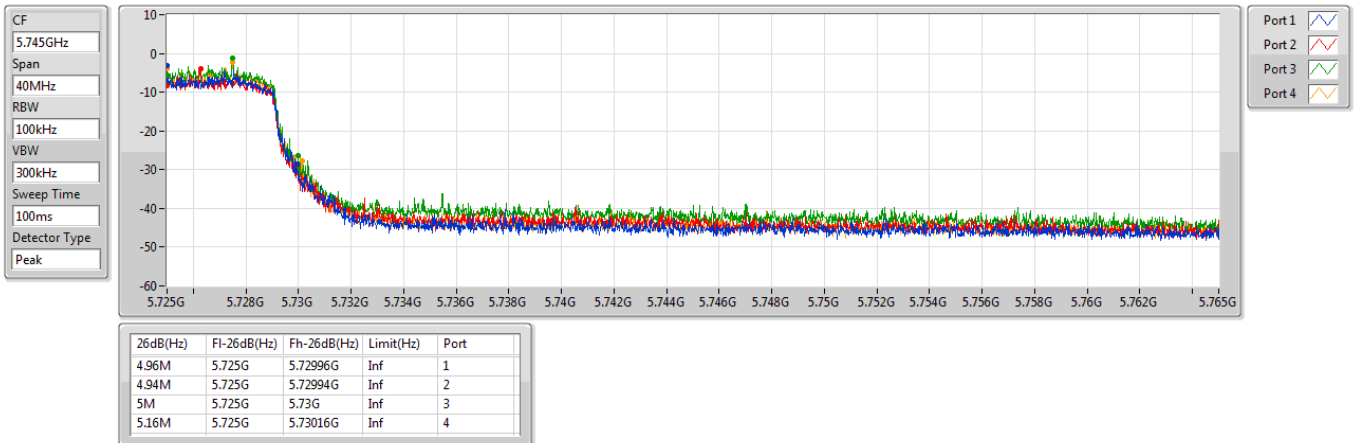




5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

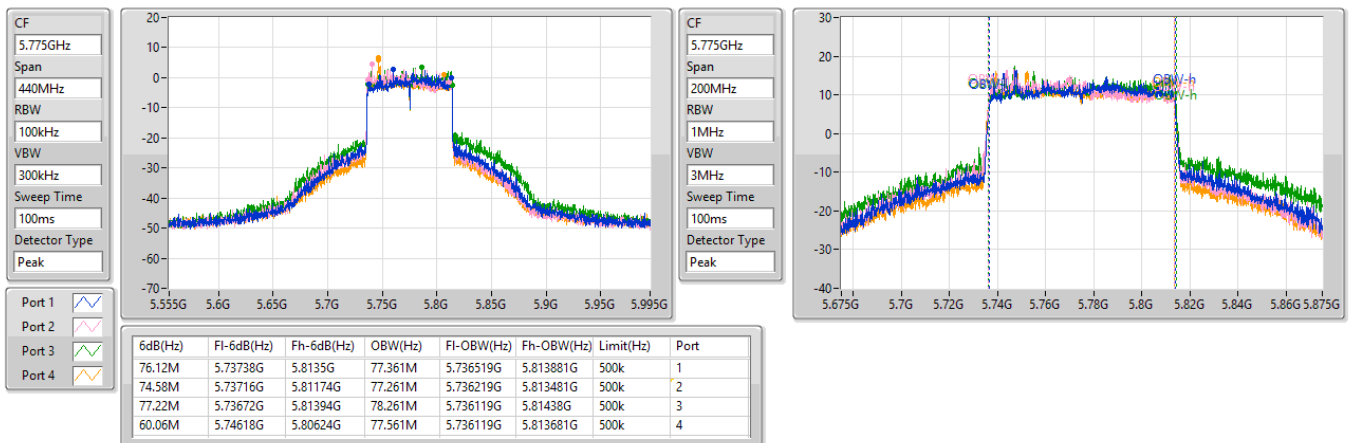
5690MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5775MHz

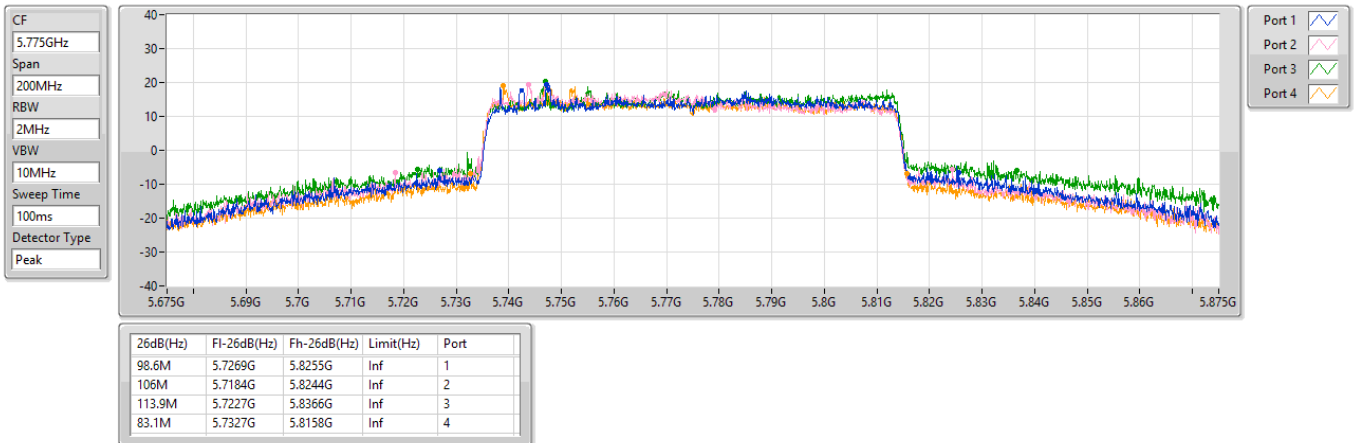




5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

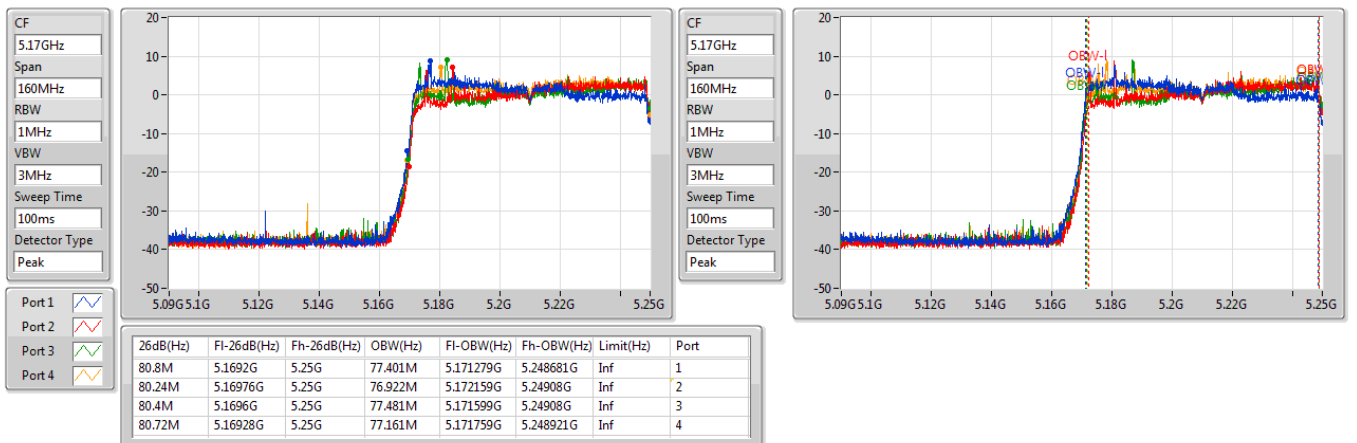
5775MHz



5.15-5.25GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

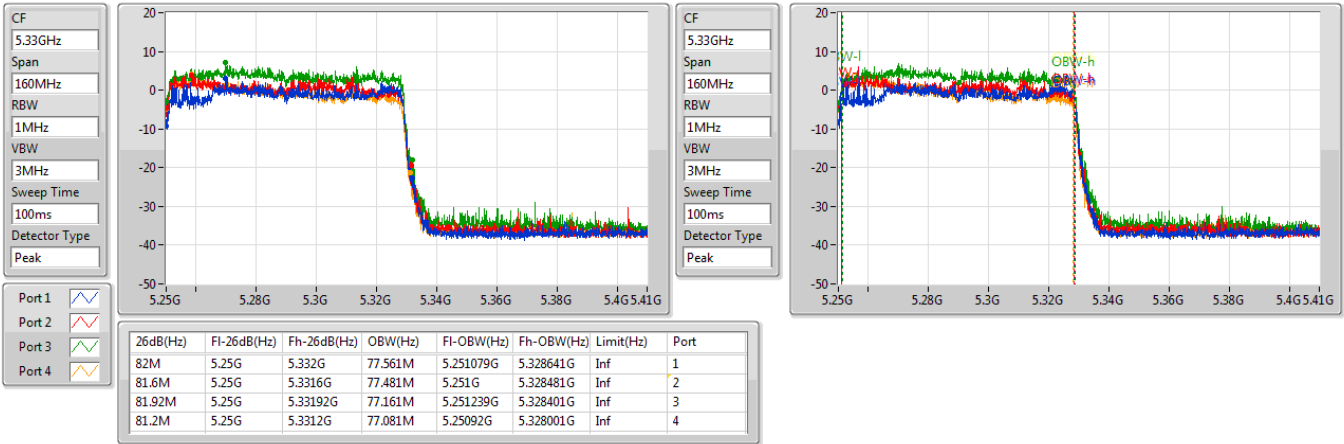
5250MHz Straddle 5.15-5.25GHz



5.25-5.35GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

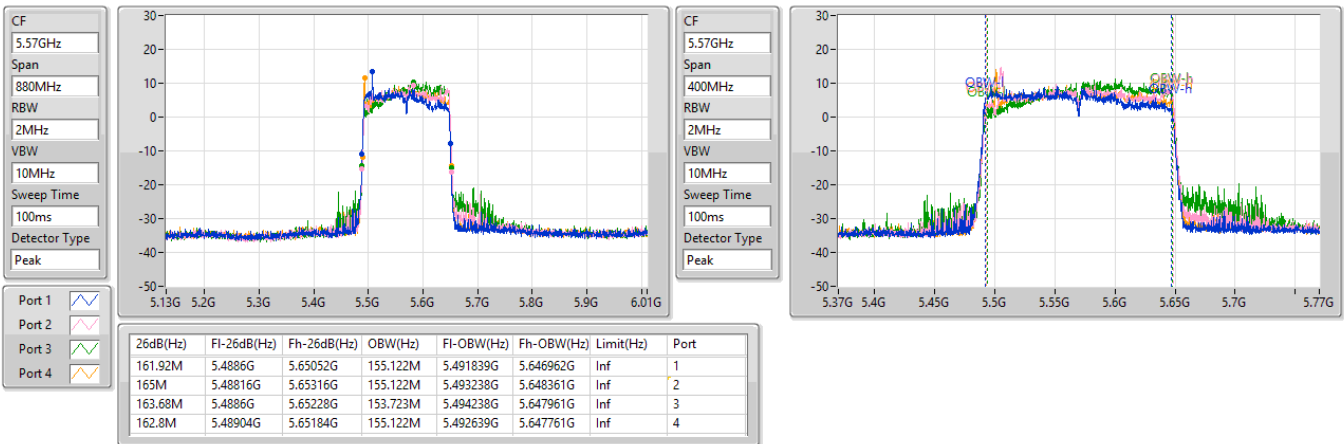
5250MHz Straddle 5.25-5.35GHz



5.47-5.725GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

5570MHz



Non-beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	26.69	0.46666	29.99	0.99770
802.11ax HEW20_Nss1,(MCS0)_4TX-OFDMA	26.94	0.49431	30.24	1.05682
802.11ax HEW40_Nss1,(MCS0)_4TX-OFDMA	27.16	0.52000	30.46	1.11173
802.11ax HEW80_Nss1,(MCS0)_4TX-OFDMA	21.16	0.13062	24.46	0.27925
802.11ax HEW160_Nss1,(MCS0)_4TX-OFDMA	16.94	0.04943	20.24	0.10568
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.74	0.11858	24.04	0.25351
802.11ax HEW20_Nss1,(MCS0)_4TX-OFDMA	21.03	0.12677	24.33	0.27102
802.11ax HEW40_Nss1,(MCS0)_4TX-OFDMA	23.73	0.23605	27.03	0.50466
802.11ax HEW80_Nss1,(MCS0)_4TX-OFDMA	20.84	0.12134	24.14	0.25942
802.11ax HEW160_Nss1,(MCS0)_4TX-OFDMA	16.99	0.05000	20.29	0.10691
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.73	0.11830	24.23	0.26485
802.11ax HEW20_Nss1,(MCS0)_4TX-OFDMA	21.02	0.12647	24.52	0.28314
802.11ax HEW40_Nss1,(MCS0)_4TX-OFDMA	23.90	0.24547	27.40	0.54954
802.11ax HEW80_Nss1,(MCS0)_4TX-OFDMA	23.77	0.23823	27.27	0.53333
802.11ax HEW160_Nss1,(MCS0)_4TX-OFDMA	21.39	0.13772	24.89	0.30832
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	25.84	0.38371	29.24	0.83946
802.11ax HEW20_Nss1,(MCS0)_4TX-OFDMA	26.07	0.40458	29.47	0.88512
802.11ax HEW40_Nss1,(MCS0)_4TX-OFDMA	28.49	0.70632	31.89	1.54525
802.11ax HEW80_Nss1,(MCS0)_4TX-OFDMA	26.66	0.46345	30.06	1.01391

Result

Mode	Result	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)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.30	18.02	18.72	18.85	19.84	24.93	30.00	28.23	36.00
5200MHz	Pass	3.30	20.58	19.9	21.49	20.57	26.69	30.00	29.99	36.00
5240MHz	Pass	3.30	20.52	20.05	21.34	20.59	26.67	30.00	29.97	36.00
5260MHz	Pass	3.30	14.11	14.05	15.18	14.83	20.59	24.00	23.89	30.00
5300MHz	Pass	3.30	14.03	14.28	15.21	15.1	20.71	24.00	24.01	30.00
5320MHz	Pass	3.30	14.08	14.25	15.27	15.16	20.74	24.00	24.04	30.00
5500MHz	Pass	3.50	14.24	14.62	14.91	14.76	20.66	24.00	24.16	30.00
5580MHz	Pass	3.50	14.02	14.71	15.01	15.04	20.73	24.00	24.23	30.00
5700MHz	Pass	3.50	14.04	14.69	15.31	14.57	20.70	24.00	24.20	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.50	13.16	13.9	14.64	13.71	19.91	22.82	23.41	28.82
5720MHz Straddle 5.725-5.85GHz	Pass	3.40	7.15	7.65	8.56	7.58	13.79	30.00	17.19	36.00
5745MHz	Pass	3.40	19.85	19.59	19.42	20.35	25.84	30.00	29.24	36.00
5785MHz	Pass	3.40	19.14	18.95	18.71	19.52	25.11	30.00	28.51	36.00
5825MHz	Pass	3.40	18.34	18.36	18.22	18.66	24.42	30.00	27.82	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.30	17.38	17.81	17.94	18.96	24.08	30.00	27.38	36.00
5200MHz	Pass	3.30	20.75	20.18	21.76	20.82	26.94	30.00	30.24	36.00
5240MHz	Pass	3.30	20.18	20.66	20.75	21.82	26.92	30.00	30.22	36.00
5260MHz	Pass	3.30	14.35	14.26	15.14	15.58	20.89	24.00	24.19	30.00
5300MHz	Pass	3.30	14.55	14.48	15.54	15.38	21.03	24.00	24.33	30.00
5320MHz	Pass	3.30	14.58	14.35	15.36	15.61	21.03	24.00	24.33	30.00
5500MHz	Pass	3.50	14.93	14.42	15.18	15.41	21.02	24.00	24.52	30.00
5580MHz	Pass	3.50	14.19	14.96	15.24	15.48	21.01	24.00	24.51	30.00
5700MHz	Pass	3.50	14.69	13.88	14.34	15.22	20.58	24.00	24.08	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.50	13.68	14.31	15.17	14.17	20.39	22.95	23.89	28.95
5720MHz Straddle 5.725-5.85GHz	Pass	3.40	8.27	8.91	9.79	8.79	15.00	30.00	18.40	36.00
5745MHz	Pass	3.40	20.02	19.83	19.72	20.56	26.07	30.00	29.47	36.00
5785MHz	Pass	3.40	19.58	19.31	19.11	19.64	25.44	30.00	28.84	36.00
5825MHz	Pass	3.40	18.84	18.85	18.45	19.13	24.84	30.00	28.24	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.30	16.09	16.18	16.84	17.72	22.78	30.00	26.08	36.00
5230MHz	Pass	3.30	20.8	20.38	21.98	21.22	27.16	30.00	30.46	36.00
5270MHz	Pass	3.30	17.22	17.19	18.38	17.92	23.73	24.00	27.03	30.00
5310MHz	Pass	3.30	16.69	16.02	17.15	17.52	22.90	24.00	26.20	30.00
5510MHz	Pass	3.50	15.44	14.94	15.26	15.74	21.38	24.00	24.88	30.00
5590MHz	Pass	3.50	17.58	18.08	18.18	17.66	23.90	24.00	27.40	30.00
5670MHz	Pass	3.50	17.96	17.45	17.57	18.38	23.88	24.00	27.38	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.50	17.13	17.53	18.27	17.01	23.53	24.00	27.03	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.40	7.3	7.81	8.44	7.31	13.76	30.00	17.16	36.00

**Conducted Output Power(Average)****Appendix B.1**

Mode	Result	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)
5755MHz	Pass	3.40	22.35	22.04	21.75	22.86	28.29	30.00	31.69	36.00
5795MHz	Pass	3.40	22.56	22.43	22.01	22.84	28.49	30.00	31.89	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.30	14.51	14.54	15.49	15.86	21.16	30.00	24.46	36.00
5290MHz	Pass	3.30	14.31	14.19	15.21	15.42	20.84	24.00	24.14	30.00
5530MHz	Pass	3.50	14.61	14.16	14.72	15.23	20.72	24.00	24.22	30.00
5610MHz	Pass	3.50	17.45	17.37	18.15	17.29	23.60	24.00	27.10	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.50	17.86	17.34	18.41	17.28	23.77	24.00	27.27	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.40	4.03	3.64	4.87	3.73	10.12	30.00	13.52	36.00
5775MHz	Pass	3.40	20.68	20.41	20.31	21.13	26.66	30.00	30.06	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.30	10.45	10.48	10.97	11.65	16.94	30.00	20.24	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.30	10.97	9.98	10.62	12.03	16.99	24.00	20.29	30.00
5570MHz	Pass	3.50	15.41	14.89	15.26	15.85	21.39	24.00	24.89	30.00

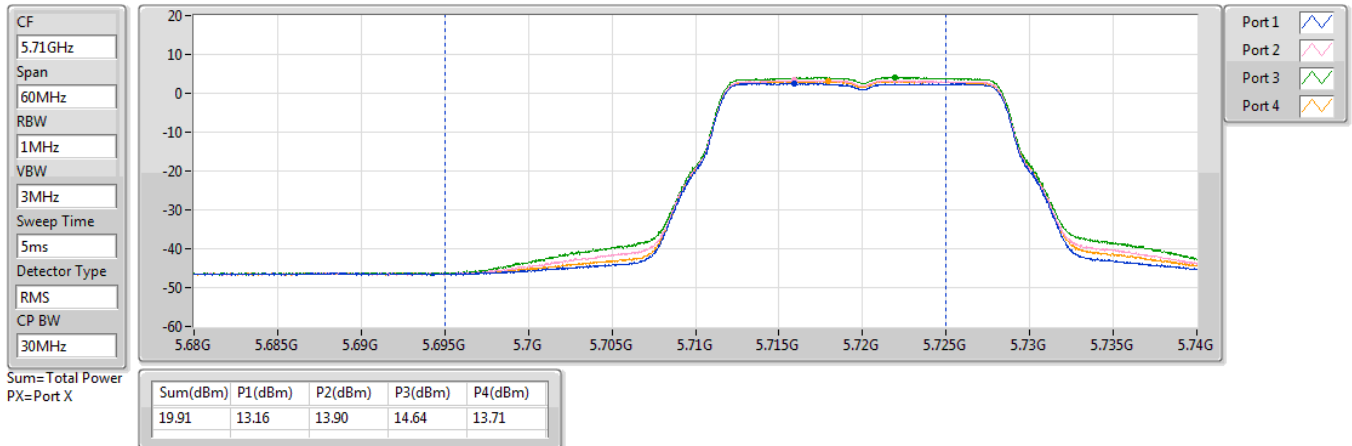
DG = Directional Gain; Port X = Port X output power



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

AV Power

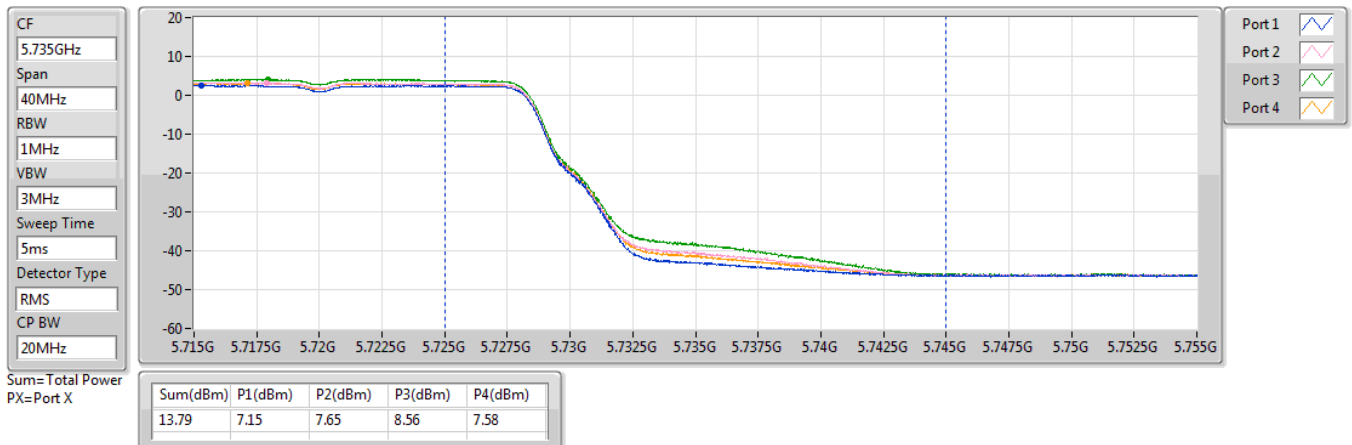
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

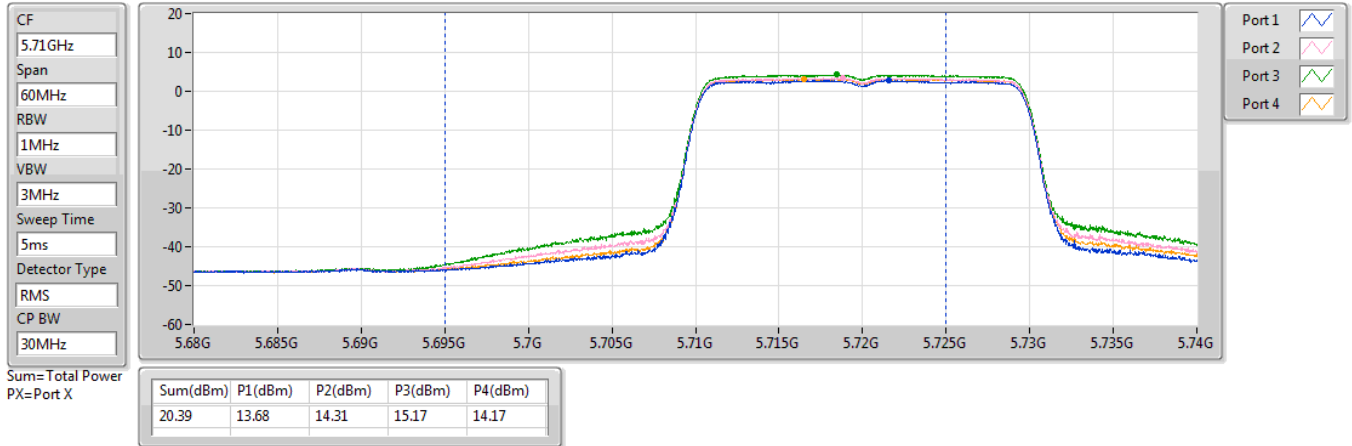




5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

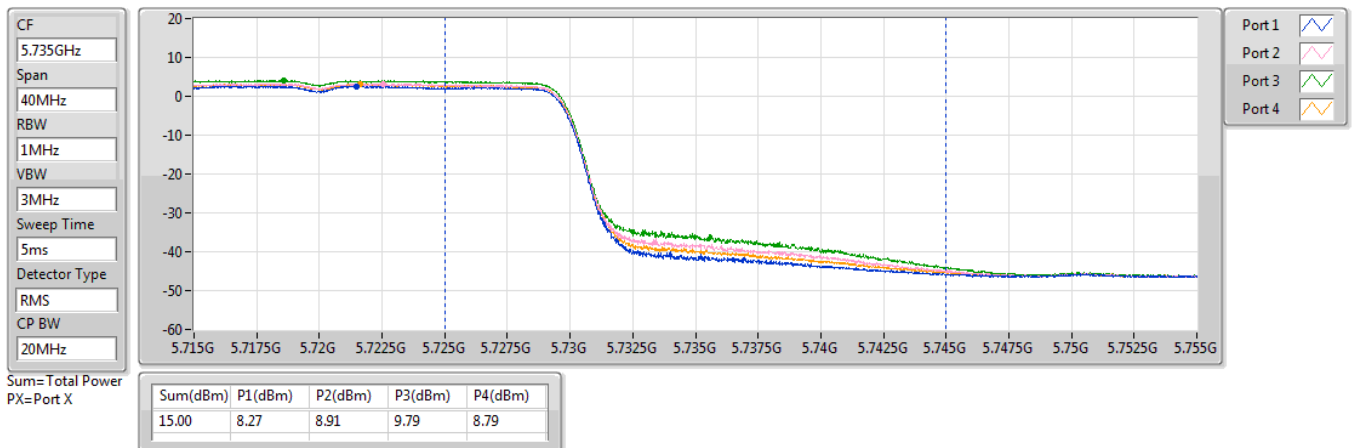
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

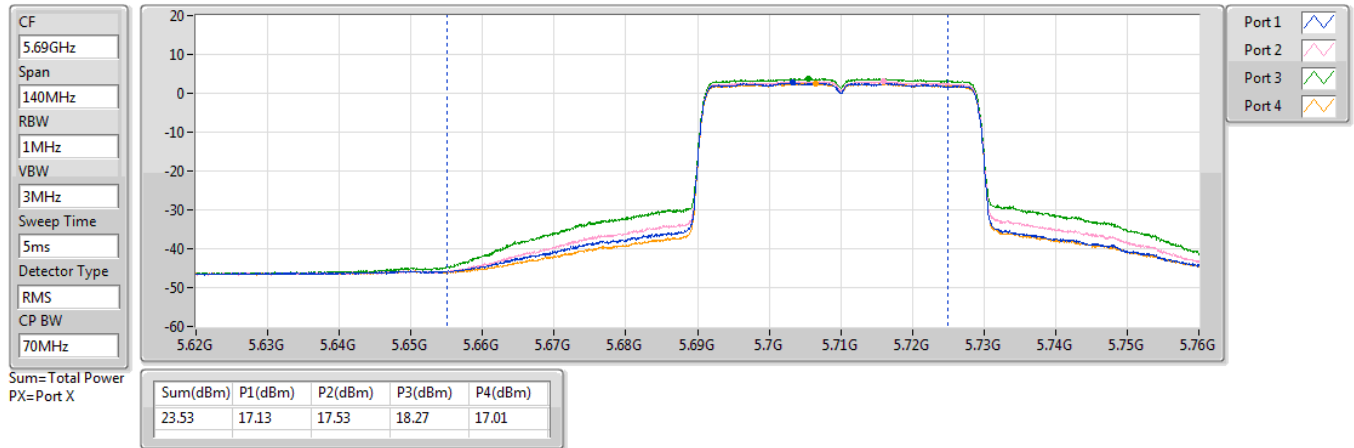




5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

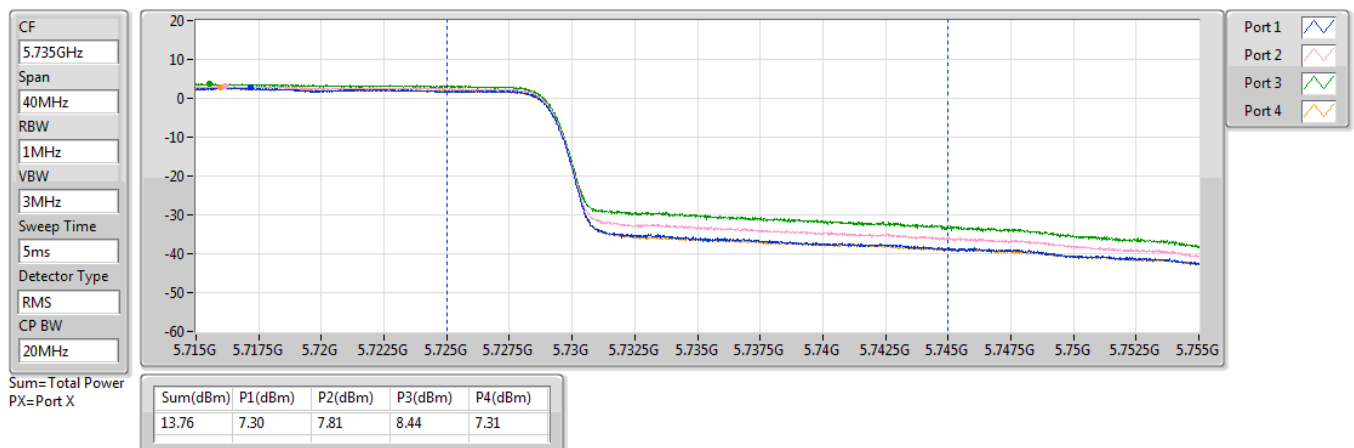
5710MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

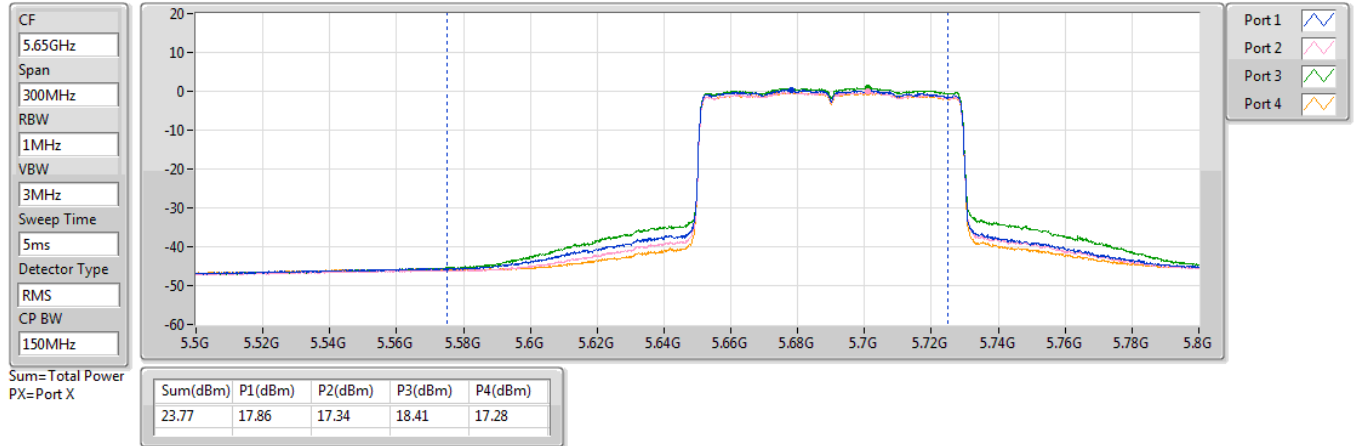




5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

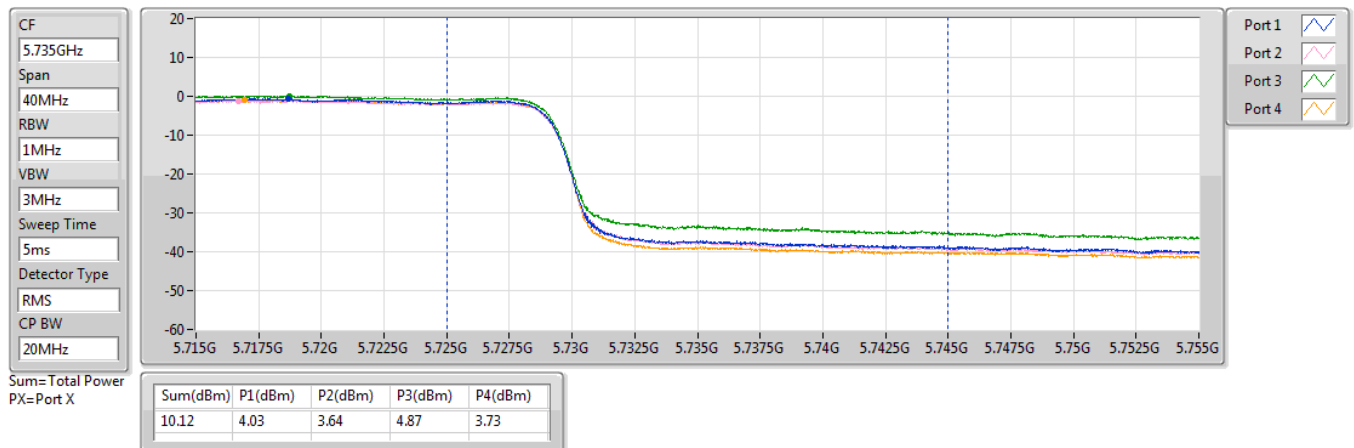
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

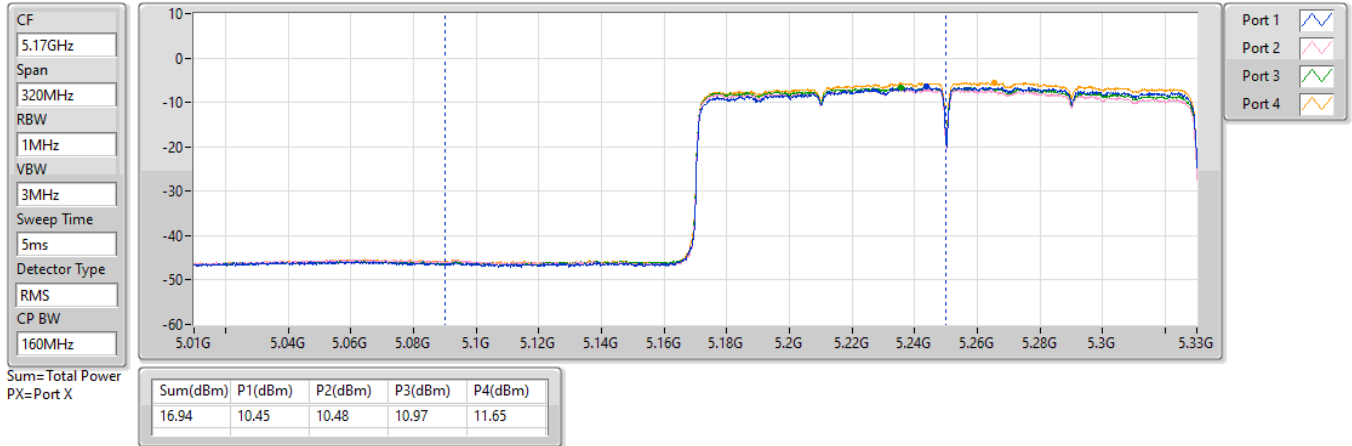




5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

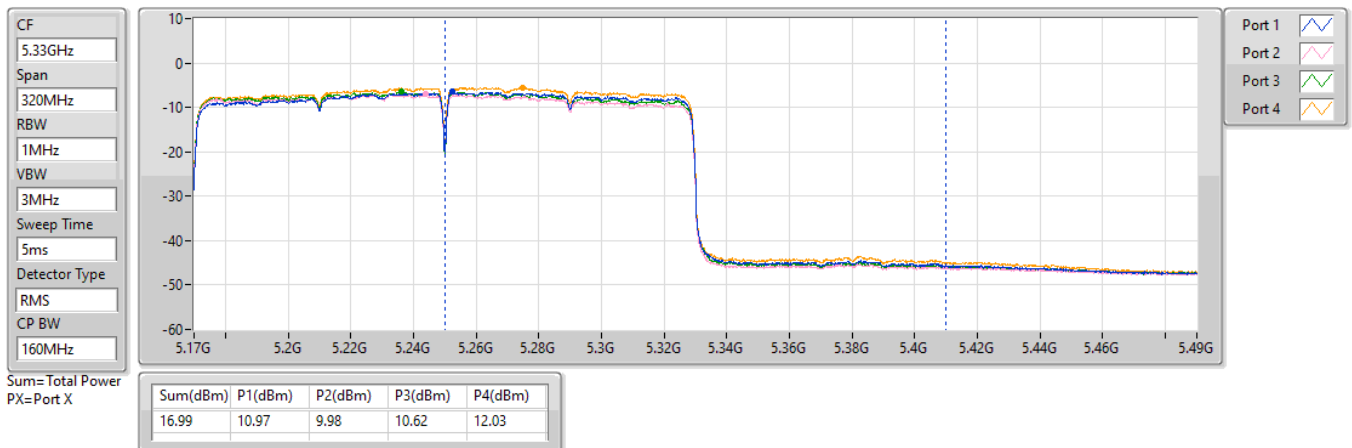
5250MHz Straddle 5.15-5.25GHz_TX



5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX



Beamforming mode
Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX-OFDMA	26.63	0.46026	35.68	3.69828
802.11ax HEW40-BF_Nss1,(MCS0)_4TX-OFDMA	26.85	0.48417	35.90	3.89045
802.11ax HEW80-BF_Nss1,(MCS0)_4TX-OFDMA	20.94	0.12417	29.99	0.99770
802.11ax HEW160-BF_Nss1,(MCS0)_4TX-OFDMA	16.47	0.04436	25.52	0.35645
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX-OFDMA	20.79	0.11995	29.84	0.96383
802.11ax HEW40-BF_Nss1,(MCS0)_4TX-OFDMA	20.66	0.11641	29.71	0.93541
802.11ax HEW80-BF_Nss1,(MCS0)_4TX-OFDMA	20.66	0.11641	29.71	0.93541
802.11ax HEW160-BF_Nss1,(MCS0)_4TX-OFDMA	16.44	0.04406	25.49	0.35400
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX-OFDMA	20.65	0.11614	29.70	0.93325
802.11ax HEW40-BF_Nss1,(MCS0)_4TX-OFDMA	20.84	0.12134	29.89	0.97499
802.11ax HEW80-BF_Nss1,(MCS0)_4TX-OFDMA	20.71	0.11776	29.76	0.94624
802.11ax HEW160-BF_Nss1,(MCS0)_4TX-OFDMA	20.83	0.12106	29.88	0.97275
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX-OFDMA	24.88	0.30761	33.90	2.45471
802.11ax HEW40-BF_Nss1,(MCS0)_4TX-OFDMA	25.63	0.36559	34.65	2.91743
802.11ax HEW80-BF_Nss1,(MCS0)_4TX-OFDMA	26.48	0.44463	35.50	3.54813

Result

Mode	Result	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)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.05	17.83	17.02	18.65	17.66	23.85	26.95	32.90	36.00
5200MHz	Pass	9.05	20.48	19.75	21.56	20.45	26.63	26.95	35.68	36.00
5240MHz	Pass	9.05	20.43	19.72	21.49	20.51	26.60	26.95	35.65	36.00
5260MHz	Pass	9.05	14.11	14.06	15.32	15.01	20.68	20.93	29.73	30.00
5300MHz	Pass	9.05	14.05	14.13	15.14	15.11	20.66	20.93	29.71	30.00
5320MHz	Pass	9.05	14.15	14.36	15.32	15.13	20.79	20.93	29.84	30.00
5500MHz	Pass	9.05	13.92	14.43	14.82	14.92	20.56	20.93	29.61	30.00
5580MHz	Pass	9.05	13.85	14.49	15.12	14.95	20.65	20.93	29.70	30.00
5700MHz	Pass	9.05	13.18	14.01	14.66	13.75	19.95	20.93	29.00	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.05	13.28	13.79	14.51	13.87	19.91	19.93	28.96	28.98
5720MHz Straddle 5.725-5.85GHz	Pass	9.02	6.88	8.52	9.46	8.53	14.46	26.98	23.48	36.00
5745MHz	Pass	9.02	18.85	18.83	19.18	18.55	24.88	26.98	33.90	36.00
5785MHz	Pass	9.02	18.12	18.15	18.32	18.14	24.20	26.98	33.22	36.00
5825MHz	Pass	9.02	17.63	17.75	18.02	17.25	23.69	26.98	32.71	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.05	15.69	15.18	16.75	16.42	22.07	26.95	31.12	36.00
5230MHz	Pass	9.05	20.37	20.05	21.65	21.08	26.85	26.95	35.90	36.00
5270MHz	Pass	9.05	13.79	14.42	15.19	15.01	20.66	20.93	29.71	30.00
5310MHz	Pass	9.05	13.81	14.36	14.92	14.86	20.53	20.93	29.58	30.00
5510MHz	Pass	9.05	14.42	14.82	15.25	14.24	20.72	20.93	29.77	30.00
5590MHz	Pass	9.05	14.16	15.03	15.25	14.75	20.84	20.93	29.89	30.00
5670MHz	Pass	9.05	14.12	14.69	15.46	14.65	20.78	20.93	29.83	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.05	13.59	14.36	14.88	14.1	20.28	20.93	29.33	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.02	3.81	4.44	5.09	4.25	10.44	26.98	19.46	36.00
5755MHz	Pass	9.02	19.41	19.45	20.25	19.25	25.63	26.98	34.65	36.00
5795MHz	Pass	9.02	18.45	18.47	18.88	18.35	24.56	26.98	33.58	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.05	14.36	14.38	15.56	15.24	20.94	26.95	29.99	36.00
5290MHz	Pass	9.05	14.16	13.93	15.17	15.15	20.66	20.93	29.71	30.00
5530MHz	Pass	9.05	14.03	14.61	15.05	14.76	20.65	20.93	29.70	30.00
5610MHz	Pass	9.05	14.19	14.18	15.12	14.56	20.55	20.93	29.60	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.05	14.37	14.47	15.3	14.55	20.71	20.93	29.76	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.02	0.39	0.09	1.9	1.41	7.03	26.98	16.05	36.00
5775MHz	Pass	9.02	20.22	20.42	20.91	20.24	26.48	26.98	35.50	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.05	10.49	9.94	10.28	11.03	16.47	26.95	25.52	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	9.05	9.29	9.5	12.42	9.62	16.44	20.93	25.49	30.00



Conducted Output Power(Average)

Appendix B.2

Mode	Result	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)
5570MHz	Pass	9.05	14.32	14.67	15.56	14.6	20.83	20.93	29.88	30.00

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

Note:

For 5180~5240MHz / 5260~5320MHz

Directional gain = $10 \times \log((10^{2.9/20} + 10^{2.7/20} + 10^{3.3/20} + 10^{3.2/20})^2/4) = 9.05 \text{ dBi} > 6 \text{ dBi}$, limit shall be reduced 3.05 dB (9.05dBi – 6dBi)

For 5500~5725MHz:

Directional gain = $10 \times \log((10^{3/20} + 10^{2.7/20} + 10^{3.5/20} + 10^{2.9/20})^2/4) = 9.05 \text{ dBi} > 6 \text{ dBi}$, limit shall be reduced 3.05 dB (9.05dBi – 6dBi)

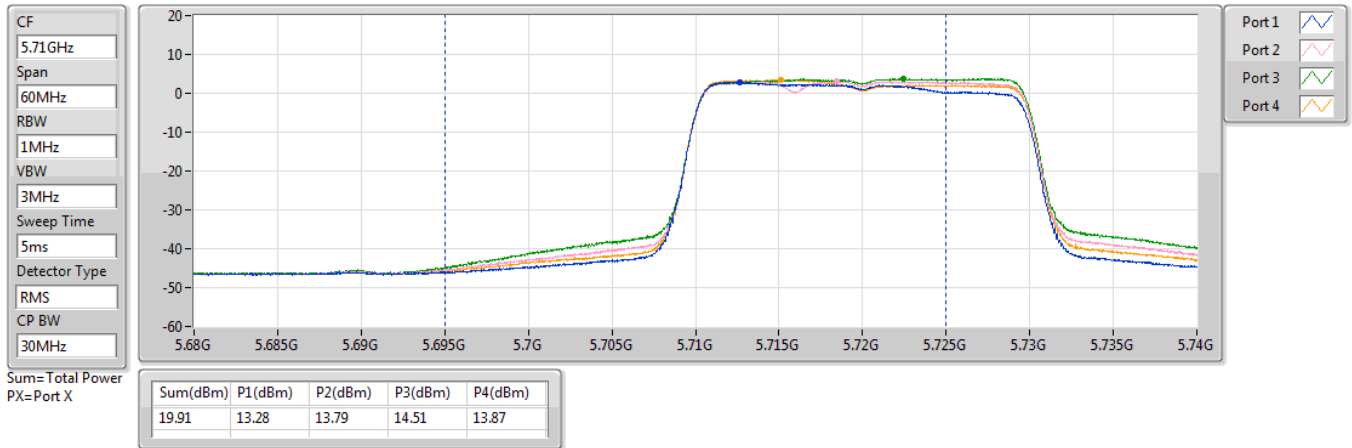
For 5745~5825MHz:

Directional gain = $10 \times \log((10^{3.1/20} + 10^{2.8/20} + 10^{3.4/20} + 10^{2.7/20})^2/4) = 9.02 \text{ dBi} > 6 \text{ dBi}$, limit shall be reduced 3.02 dB (9.02dBi – 6dBi)

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

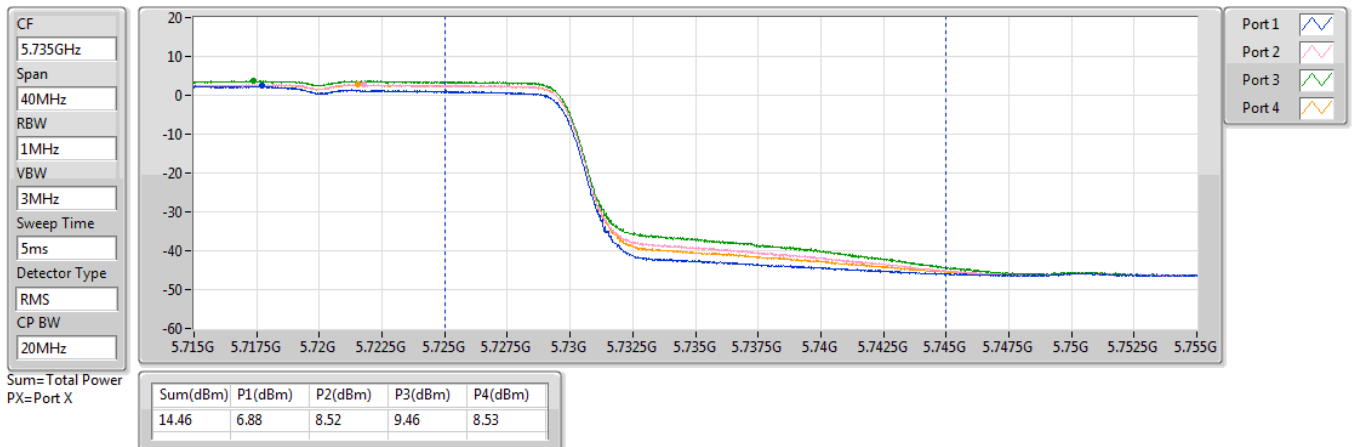
5720MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

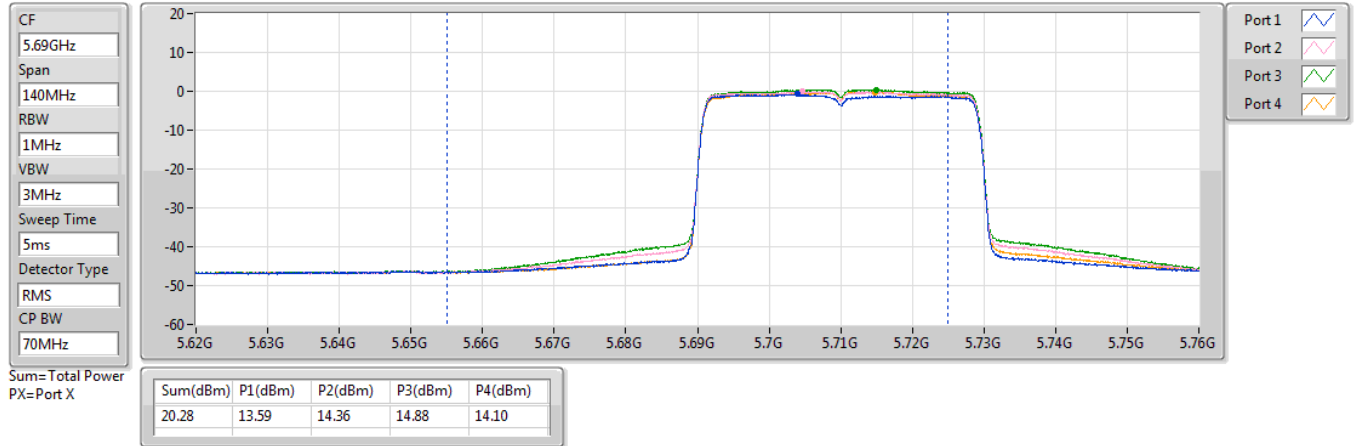




5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

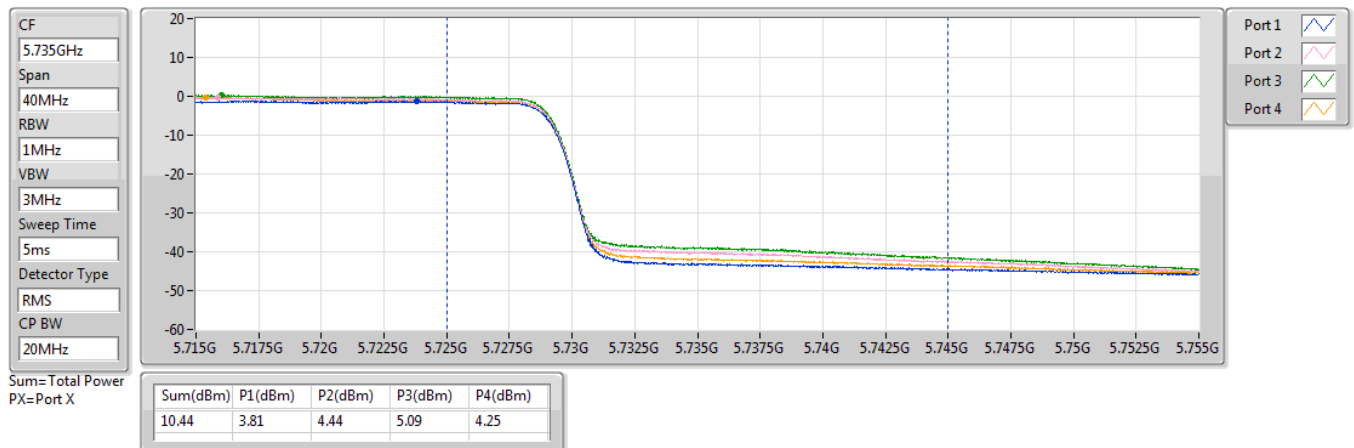
5710MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

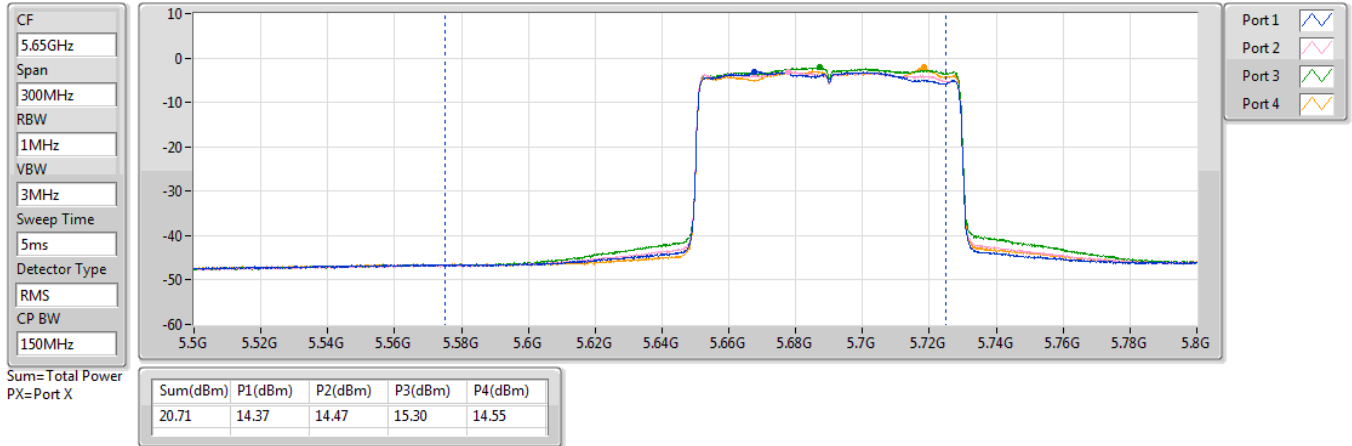
5710MHz Straddle 5.725-5.85GHz_TX



5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

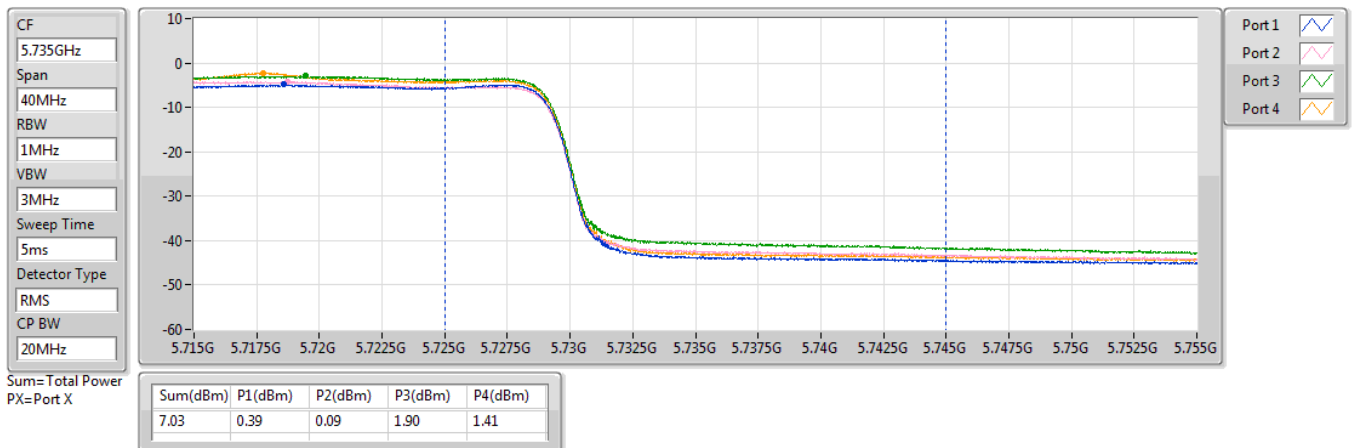
5690MHz Straddle 5.47-5.725GHz_TX



5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

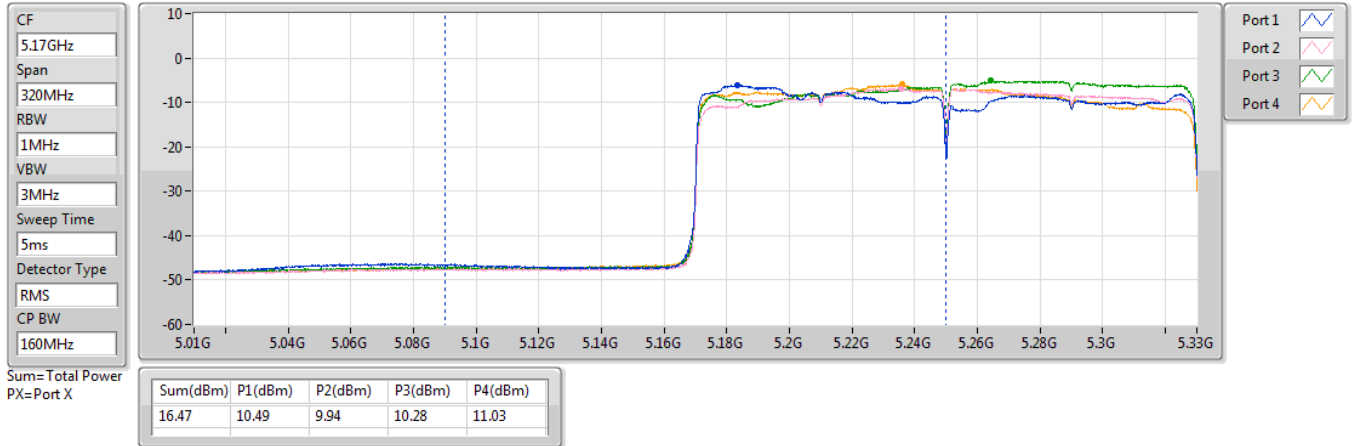




5.15-5.25GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

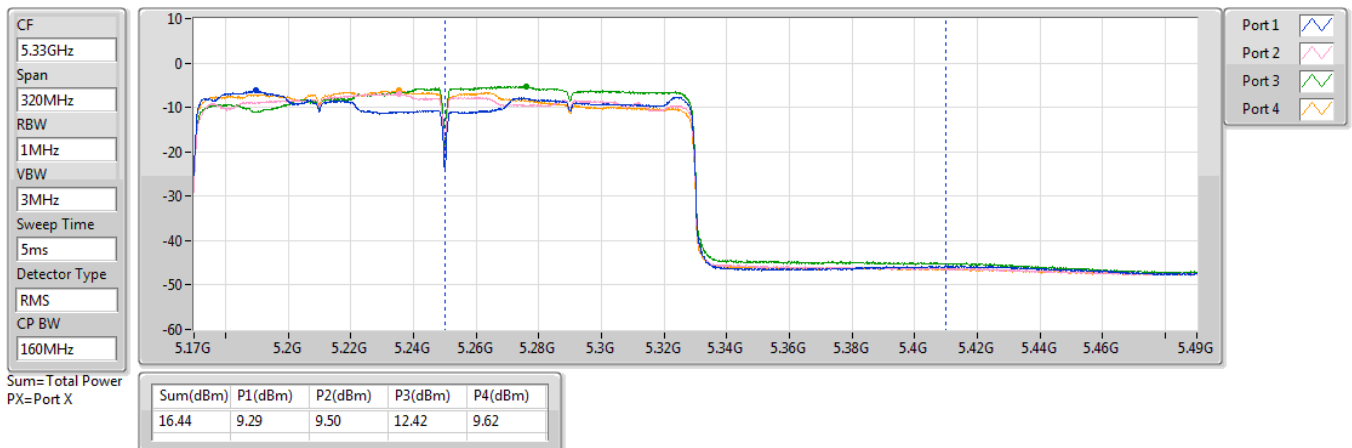
5250MHz Straddle 5.15-5.25GHz_TX



5.25-5.35GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

5250MHz Straddle 5.25-5.35GHz_TX



Non-beamforming mode
Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.73	22.78
802.11ax HEW20_Nss1,(MCS0)_4TX-OFDMA	13.71	22.76
802.11ax HEW40_Nss1,(MCS0)_4TX-OFDMA	10.93	19.98
802.11ax HEW80_Nss1,(MCS0)_4TX-OFDMA	2.12	11.17
802.11ax HEW160_Nss1,(MCS0)_4TX-OFDMA	-2.03	7.02
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	7.83	16.88
802.11ax HEW20_Nss1,(MCS0)_4TX-OFDMA	7.71	16.76
802.11ax HEW40_Nss1,(MCS0)_4TX-OFDMA	7.49	16.54
802.11ax HEW80_Nss1,(MCS0)_4TX-OFDMA	1.34	10.39
802.11ax HEW160_Nss1,(MCS0)_4TX-OFDMA	-1.92	7.13
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	7.78	16.83
802.11ax HEW20_Nss1,(MCS0)_4TX-OFDMA	7.62	16.67
802.11ax HEW40_Nss1,(MCS0)_4TX-OFDMA	7.78	16.83
802.11ax HEW80_Nss1,(MCS0)_4TX-OFDMA	4.66	13.71
802.11ax HEW160_Nss1,(MCS0)_4TX-OFDMA	-0.83	8.22
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	11.27	20.29
802.11ax HEW20_Nss1,(MCS0)_4TX-OFDMA	10.59	19.61
802.11ax HEW40_Nss1,(MCS0)_4TX-OFDMA	10.14	19.16
802.11ax HEW80_Nss1,(MCS0)_4TX-OFDMA	5.70	14.72

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.05	6.04	5.26	7.10	6.02	11.99	13.95	21.04	23.00
5200MHz	Pass	9.05	7.72	7.05	8.67	7.99	13.73	13.95	22.78	23.00
5240MHz	Pass	9.05	7.67	7.07	8.74	7.91	13.72	13.95	22.77	23.00
5260MHz	Pass	9.05	1.48	1.16	2.35	2.16	7.63	7.95	16.68	17.00
5300MHz	Pass	9.05	1.49	1.38	2.49	2.37	7.76	7.95	16.81	17.00
5320MHz	Pass	9.05	1.60	1.49	2.47	2.27	7.83	7.95	16.88	17.00
5500MHz	Pass	9.05	1.48	1.74	2.19	2.14	7.73	7.95	16.78	17.00
5580MHz	Pass	9.05	1.40	1.73	2.35	2.23	7.78	7.95	16.83	17.00
5700MHz	Pass	9.05	1.20	1.93	2.58	1.73	7.71	7.95	16.76	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.05	0.88	1.56	2.59	1.45	7.53	7.95	16.58	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.02	-0.29	0.02	0.95	-0.02	6.05	26.98	15.07	36.00
5745MHz	Pass	9.02	5.32	5.46	6.02	5.00	11.27	26.98	20.29	36.00
5785MHz	Pass	9.02	4.74	4.80	5.12	4.31	10.60	26.98	19.62	36.00
5825MHz	Pass	9.02	4.23	3.98	4.40	3.81	9.91	26.98	18.93	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.05	5.07	4.31	5.77	4.81	10.82	13.95	19.87	23.00
5200MHz	Pass	9.05	7.86	6.92	8.72	7.72	13.71	13.95	22.76	23.00
5240MHz	Pass	9.05	7.54	6.75	8.59	7.82	13.45	13.95	22.50	23.00
5260MHz	Pass	9.05	1.61	1.00	2.50	2.01	7.65	7.95	16.70	17.00
5300MHz	Pass	9.05	1.45	1.49	2.57	2.22	7.71	7.95	16.76	17.00
5320MHz	Pass	9.05	1.34	1.21	2.56	2.09	7.60	7.95	16.65	17.00
5500MHz	Pass	9.05	1.29	1.68	2.24	1.91	7.58	7.95	16.63	17.00
5580MHz	Pass	9.05	1.33	1.58	2.08	2.21	7.62	7.95	16.67	17.00
5700MHz	Pass	9.05	0.67	1.38	1.98	0.98	7.08	7.95	16.13	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.05	1.26	1.63	2.44	1.58	7.54	7.95	16.59	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.02	-0.51	0.15	1.04	0.09	5.99	26.98	15.01	36.00
5745MHz	Pass	9.02	4.78	4.75	5.31	4.39	10.59	26.98	19.61	36.00
5785MHz	Pass	9.02	4.30	4.28	4.68	3.75	10.02	26.98	19.04	36.00
5825MHz	Pass	9.02	3.75	3.34	4.05	3.24	9.38	26.98	18.40	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.05	0.11	-0.33	1.20	0.67	6.12	13.95	15.17	23.00
5230MHz	Pass	9.05	4.65	4.25	6.02	5.27	10.93	13.95	19.98	23.00
5270MHz	Pass	9.05	1.35	1.17	2.35	1.88	7.49	7.95	16.54	17.00
5310MHz	Pass	9.05	-0.31	0.05	0.99	0.63	6.19	7.95	15.24	17.00
5510MHz	Pass	9.05	-1.55	-1.32	-0.91	-1.40	4.51	7.95	13.56	17.00
5590MHz	Pass	9.05	1.65	2.02	2.42	1.84	7.78	7.95	16.83	17.00
5670MHz	Pass	9.05	0.92	1.18	1.93	0.83	7.07	7.95	16.12	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.05	1.21	1.72	2.43	1.13	7.56	7.95	16.61	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.02	-0.95	-0.30	0.31	-0.74	5.40	26.98	14.42	36.00
5755MHz	Pass	9.02	3.95	4.18	4.57	3.77	10.04	26.98	19.06	36.00
5795MHz	Pass	9.02	4.36	4.21	4.87	3.95	10.14	26.98	19.16	36.00
802.11ax	-	-	-	-	-	-	-	-	-	-

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
HEW80_Nss1,(MCS0)_4TX-OFDMA										
5210MHz	Pass	9.05	-3.71	-4.47	-2.95	-3.34	2.12	13.95	11.17	23.00
5290MHz	Pass	9.05	-4.86	-5.20	-3.76	-4.19	1.34	7.95	10.39	17.00
5530MHz	Pass	9.05	-5.17	-4.82	-4.17	-4.59	1.18	7.95	10.23	17.00
5610MHz	Pass	9.05	-1.79	-1.94	-1.30	-2.23	4.03	7.95	13.08	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.05	-1.29	-1.62	-0.52	-1.58	4.66	7.95	13.71	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.02	-3.96	-4.42	-3.06	-4.29	1.94	26.98	10.96	36.00
5775MHz	Pass	9.02	0.04	-0.27	0.06	-0.34	5.70	26.98	14.72	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX-OFDMA	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.05	-8.25	-8.21	-7.29	-7.90	-2.03	13.95	7.02	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	9.05	-8.38	-8.08	-6.87	-8.07	-1.92	7.95	7.13	17.00
5570MHz	Pass	9.05	-7.11	-6.64	-6.10	-6.45	-0.83	7.95	8.22	17.00

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;

Note:

For 5180~5240MHz / 5260~5320MHz

Directional gain = $10 \times \log((10^{2.9/20} + 10^{2.7/20} + 10^{3.3/20} + 10^{3.2/20})^2/4) = 9.05 \text{ dBi} > 6 \text{ dBi}$, limit shall be reduced to 17 dBm – (9.05dBi – 6dBi) = 13.95 dBm

For 5260~5320MHz

Directional gain = $10 \times \log((10^{2.9/20} + 10^{2.7/20} + 10^{3.3/20} + 10^{3.2/20})^2/4) = 9.05 \text{ dBi} > 6 \text{ dBi}$, limit shall be reduced to 11 dBm – (9.05dBi – 6dBi) = 7.95 dBm

For 5500~5750MHz:

Directional gain = $10 \times \log((10^{3/20} + 10^{2.7/20} + 10^{3.5/20} + 10^{2.9/20})^2/4) = 9.05 \text{ dBi} > 6 \text{ dBi}$, limit shall be reduced to 11 dBm – (9.05dBi – 6dBi) = 7.95 dBm

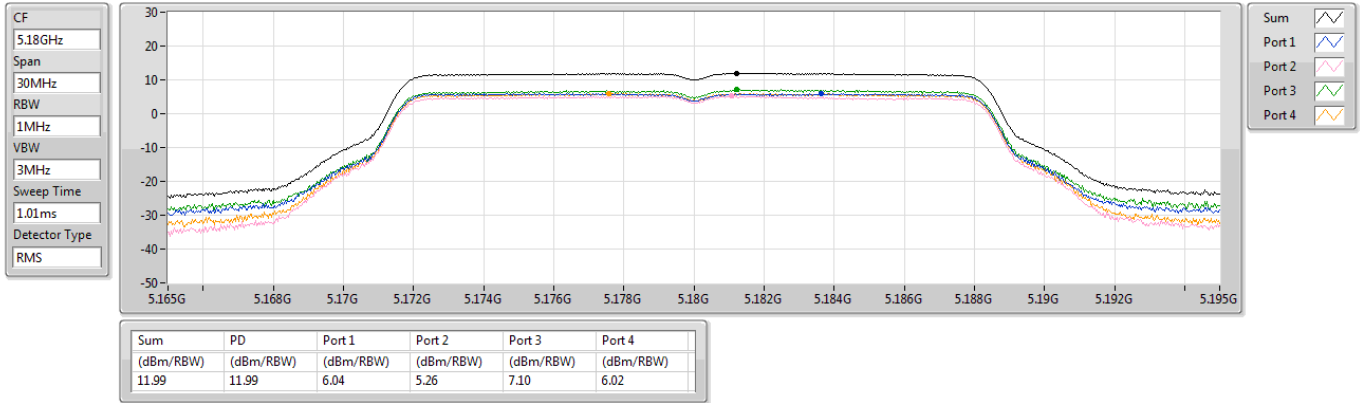
For 5745~5825MHz:

Directional gain = $10 \times \log((10^{3.1/20} + 10^{2.8/20} + 10^{3.4/20} + 10^{2.7/20})^2/4) = 9.02 \text{ dBi} > 6 \text{ dBi}$, limit shall be reduced to 30 dBm – (9.02dBi – 6dBi) = 26.98 dBm

5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

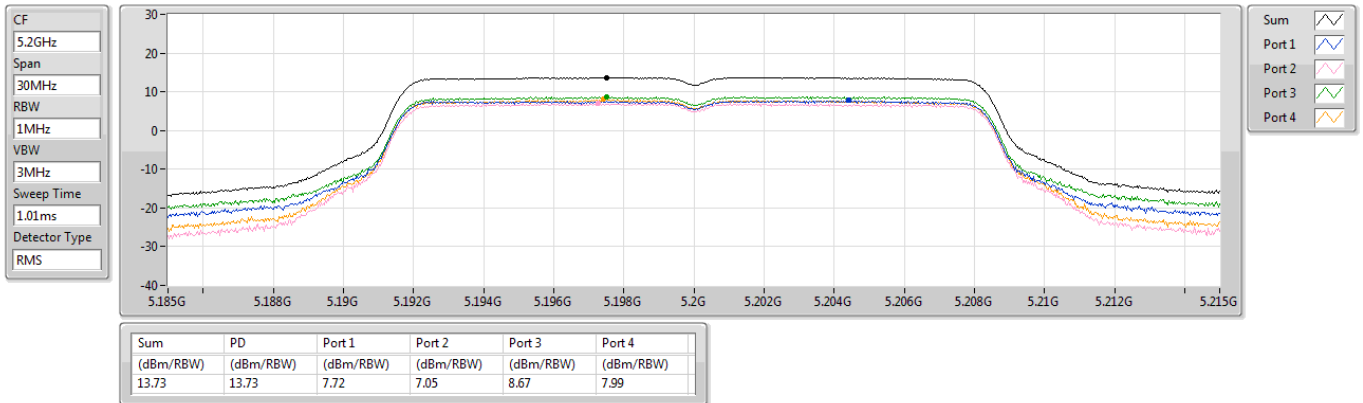
5180MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

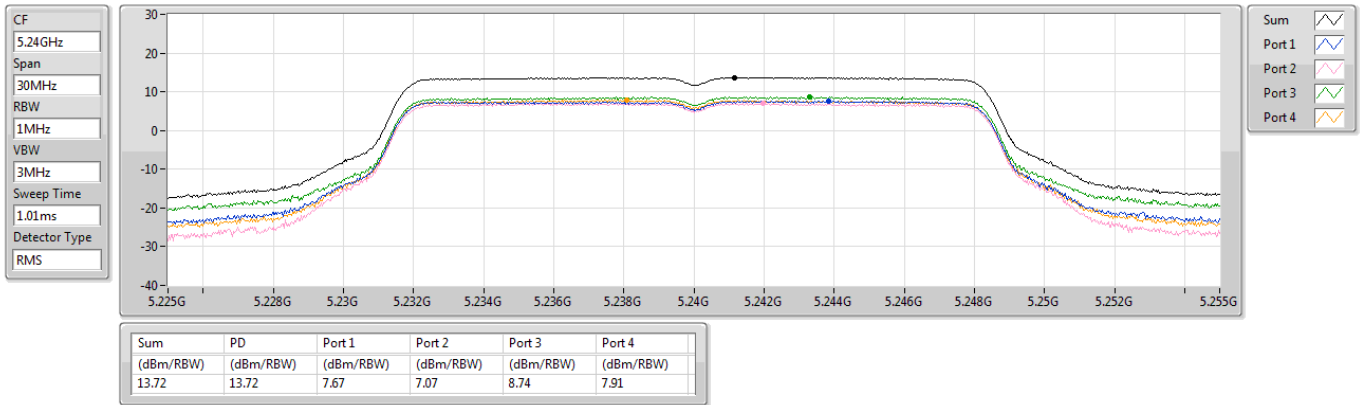
5200MHz



5.15-5.25GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

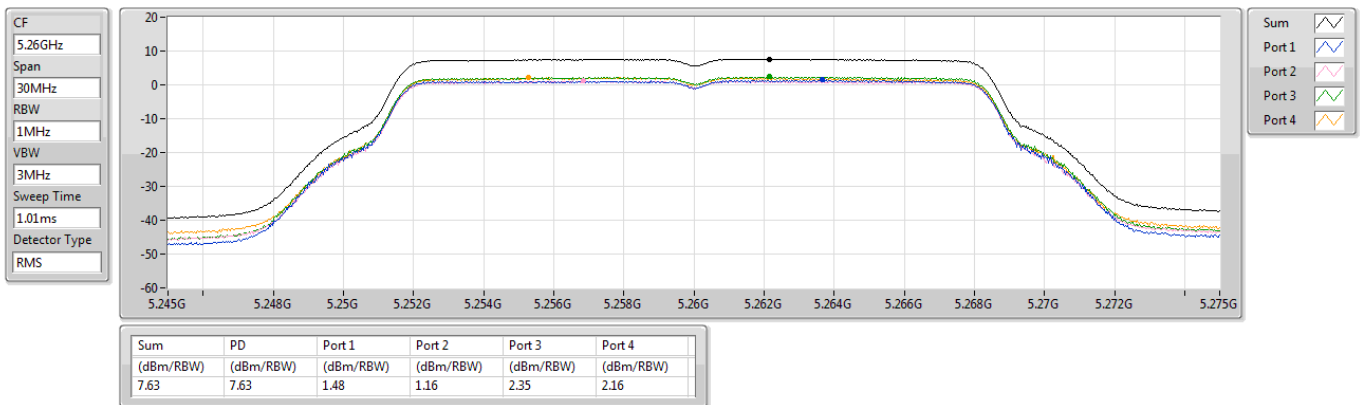
5240MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

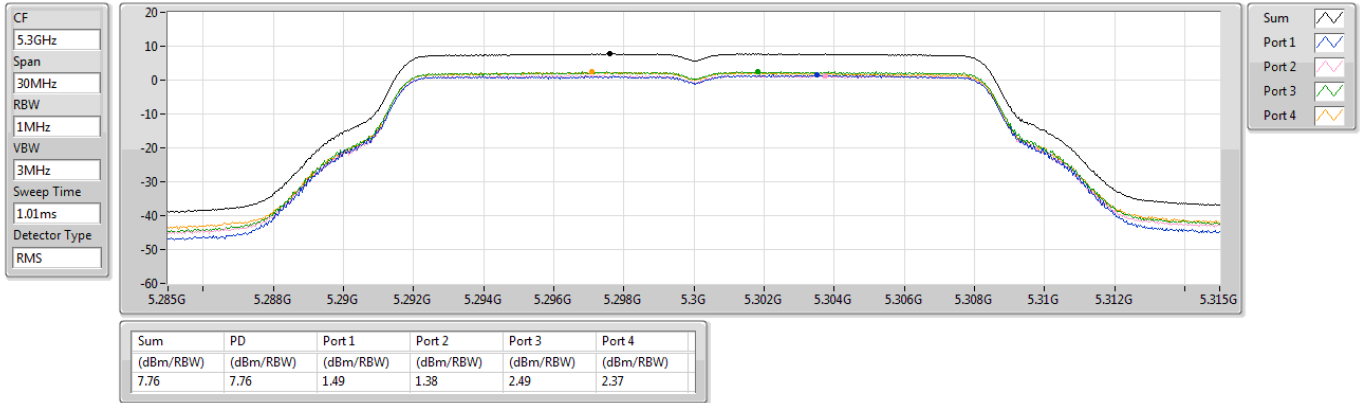
5260MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

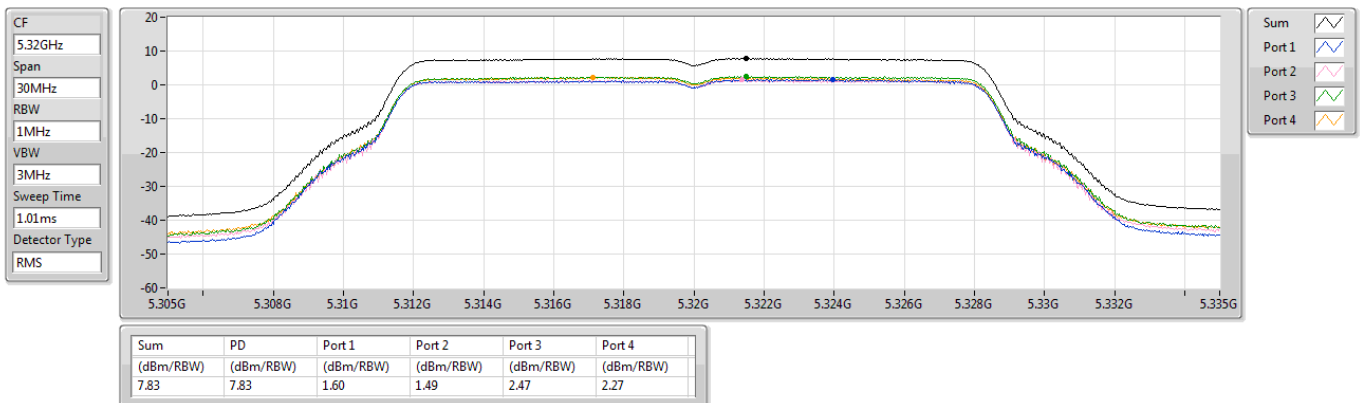
5300MHz



5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

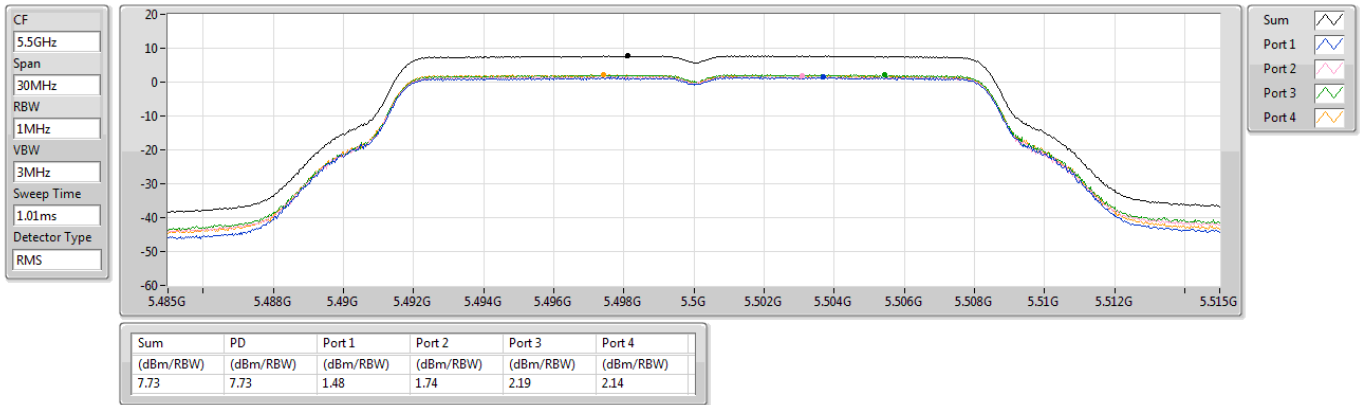
5320MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

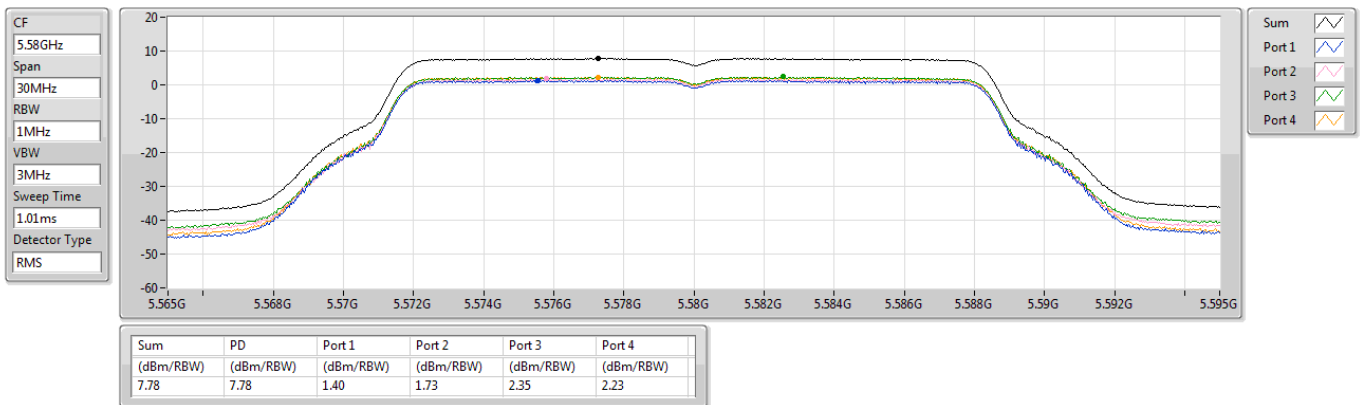
5500MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

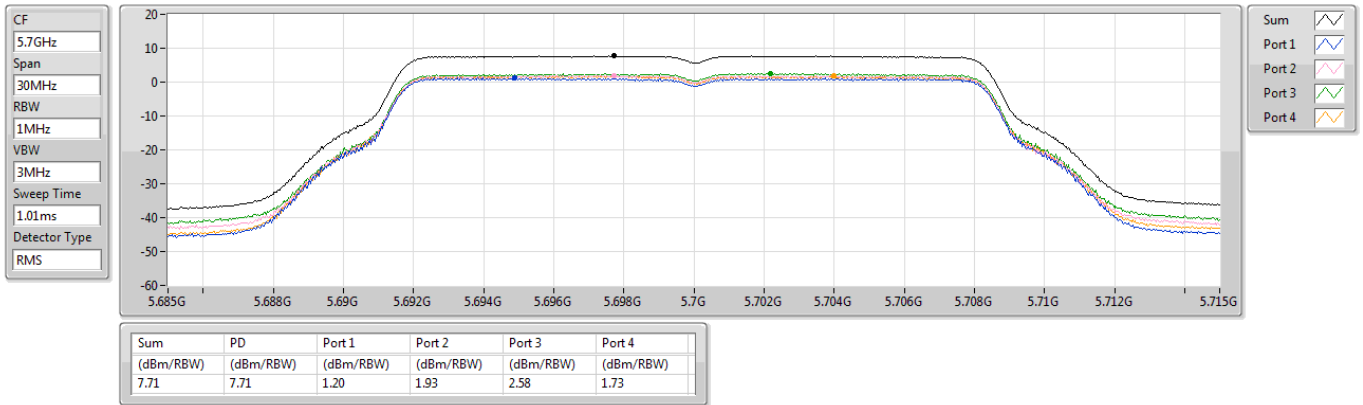




5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

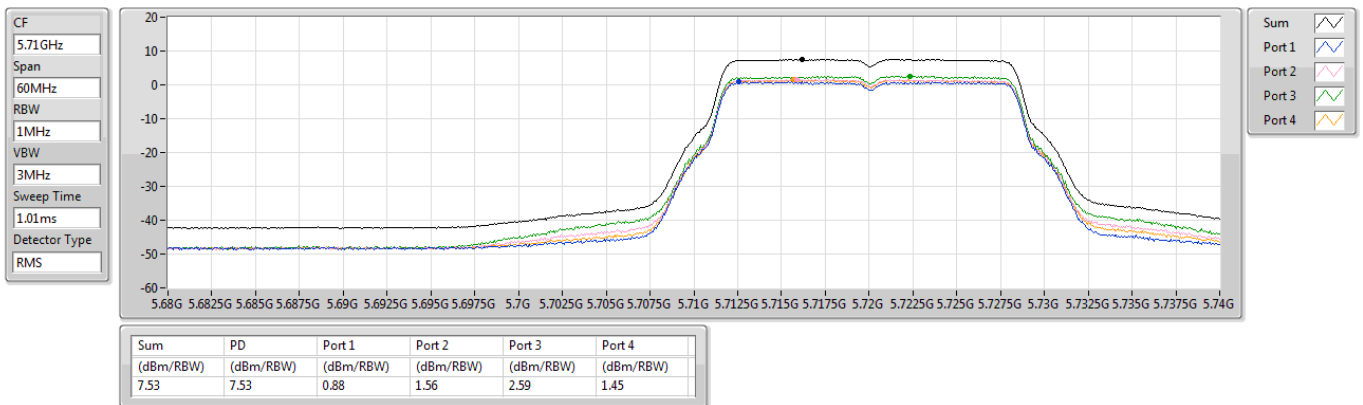
5700MHz



5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

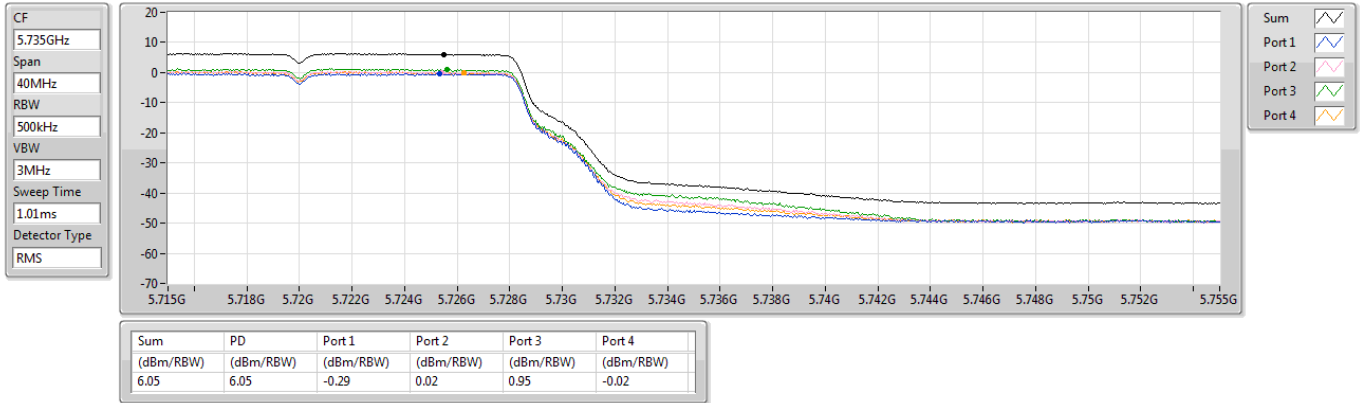
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

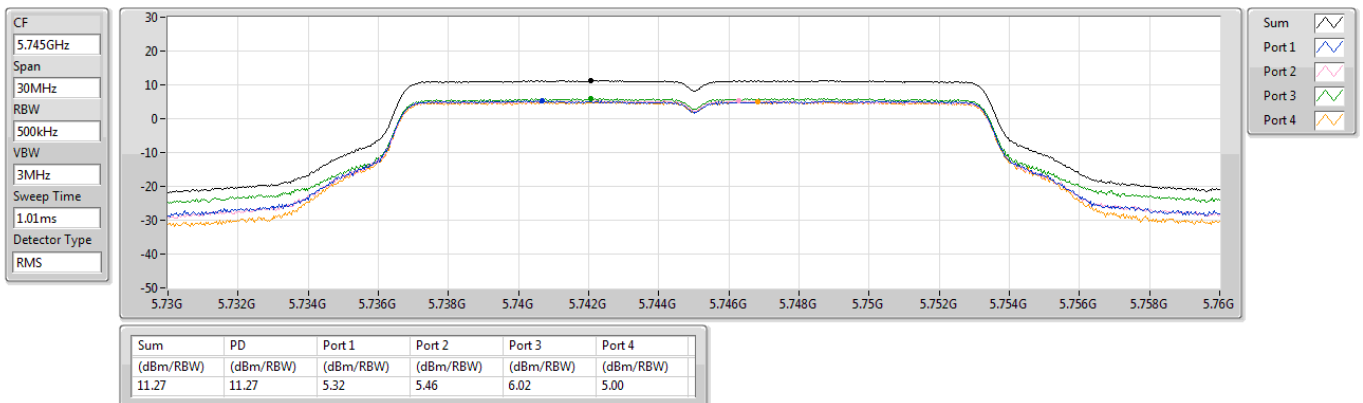
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

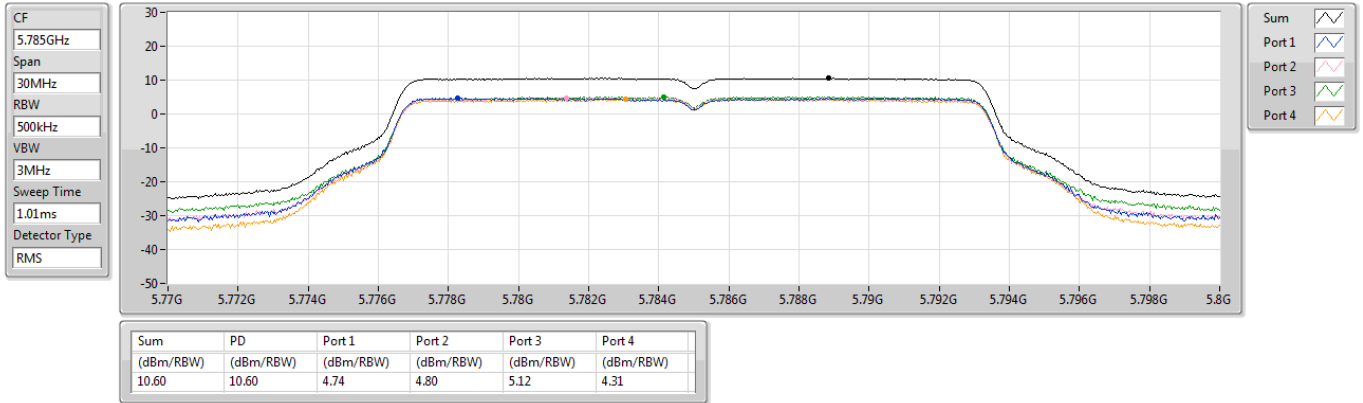
5745MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

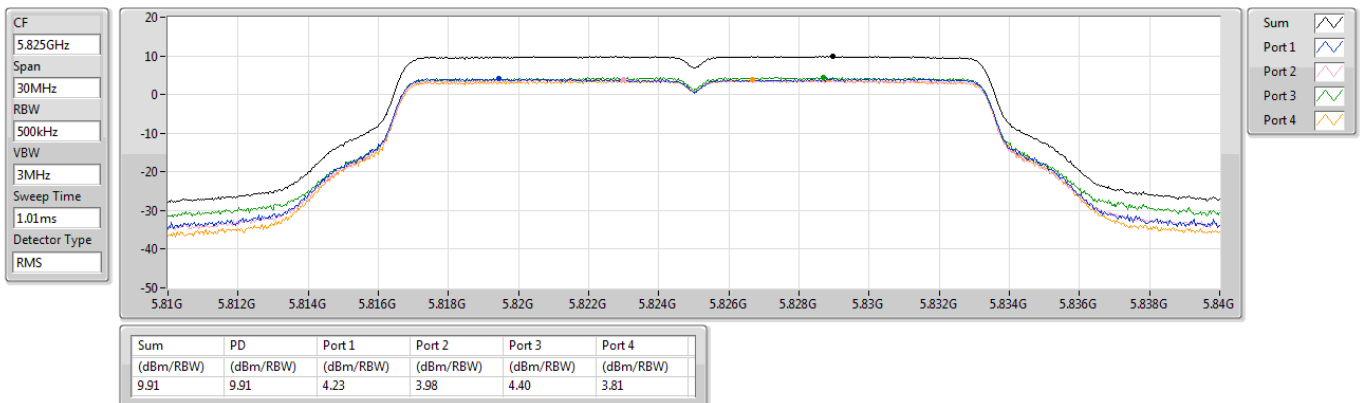
5785MHz



5.725-5.85GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

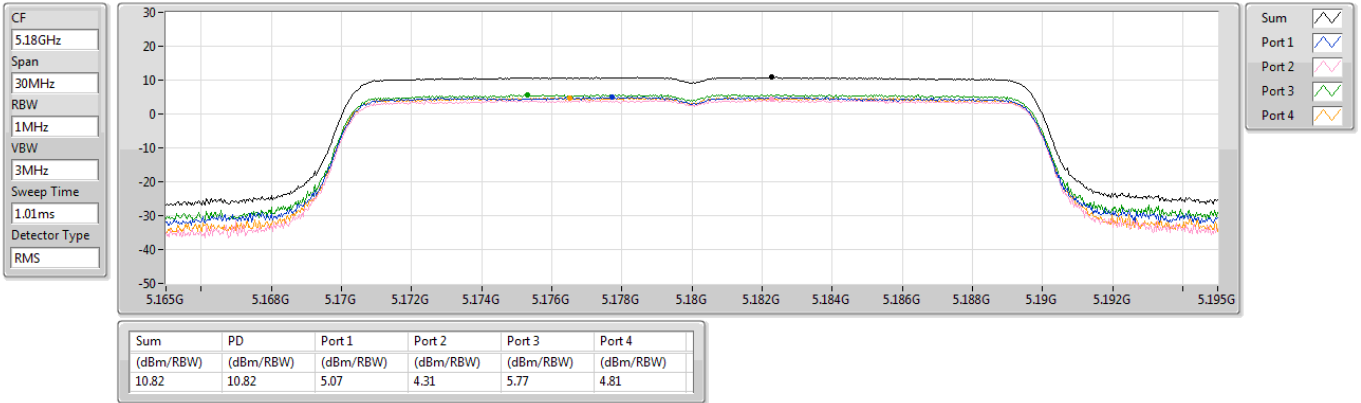
5825MHz



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

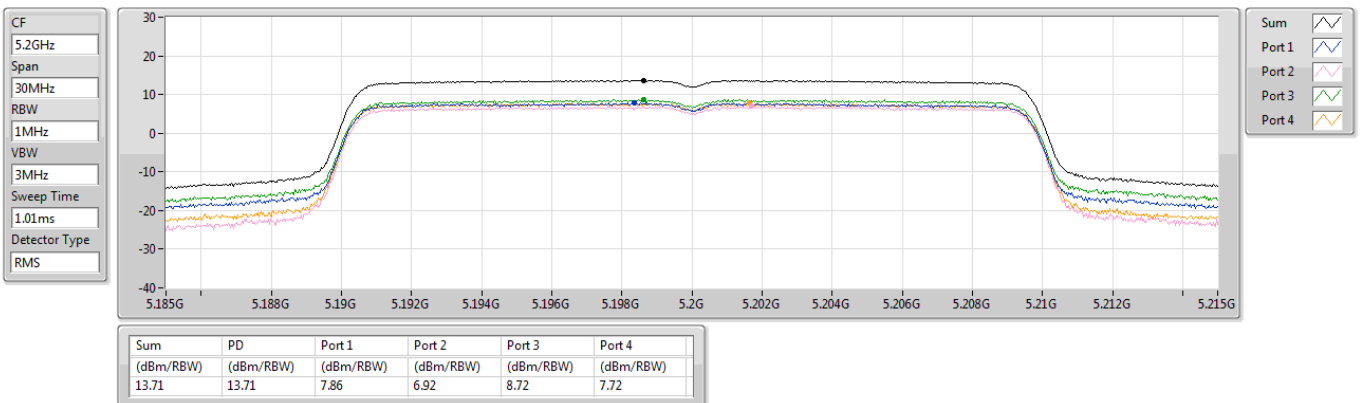
5180MHz



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

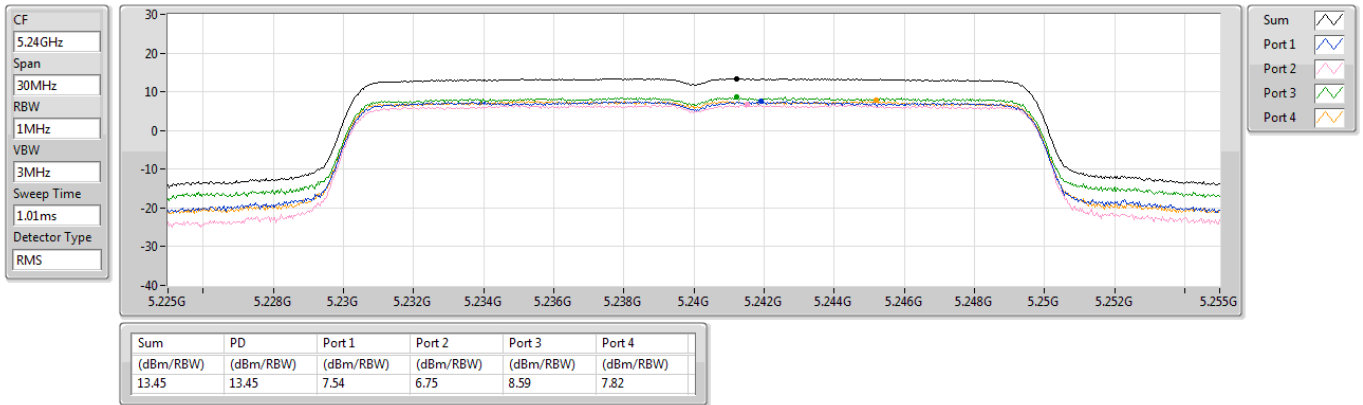
5200MHz



5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

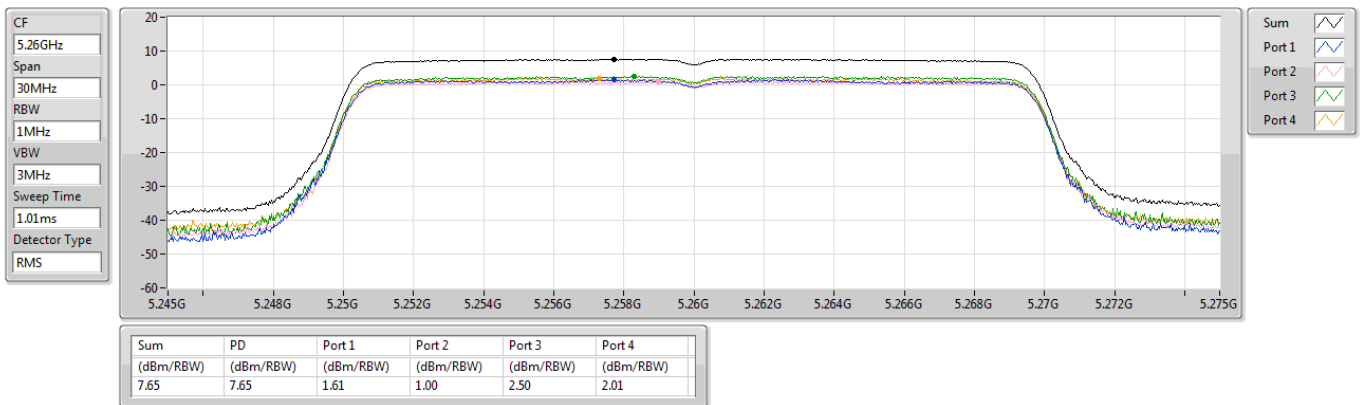
5240MHz



5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

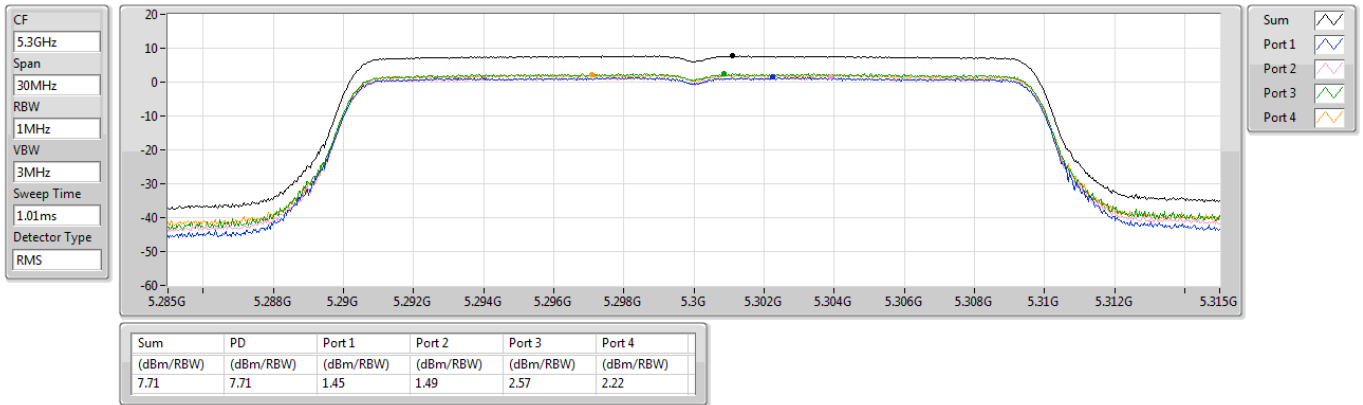




5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

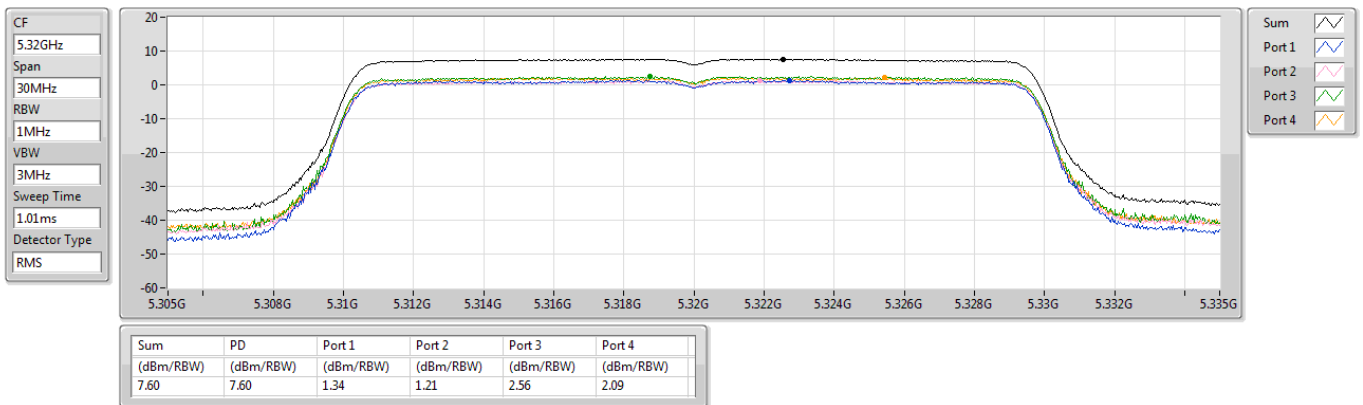
5300MHz



5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

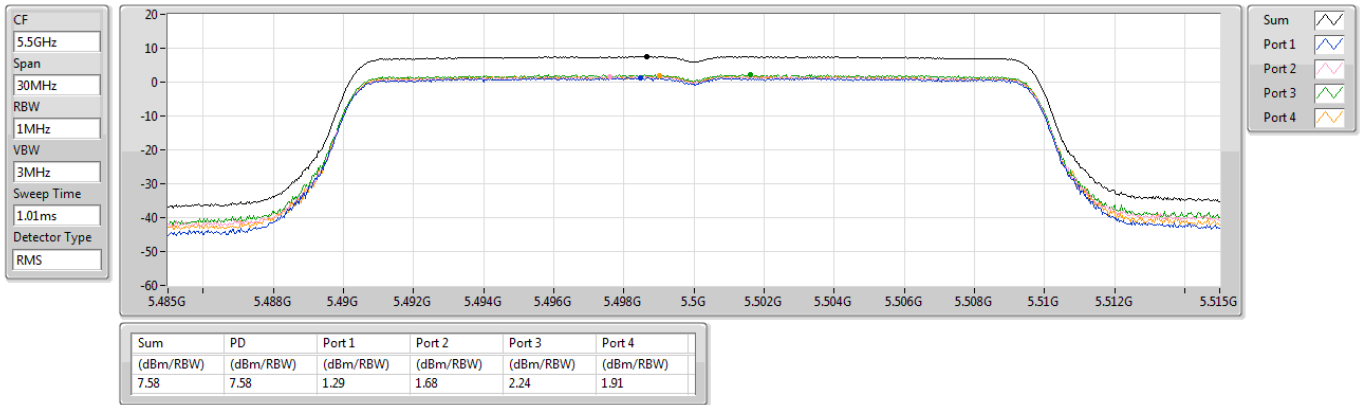
5320MHz



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

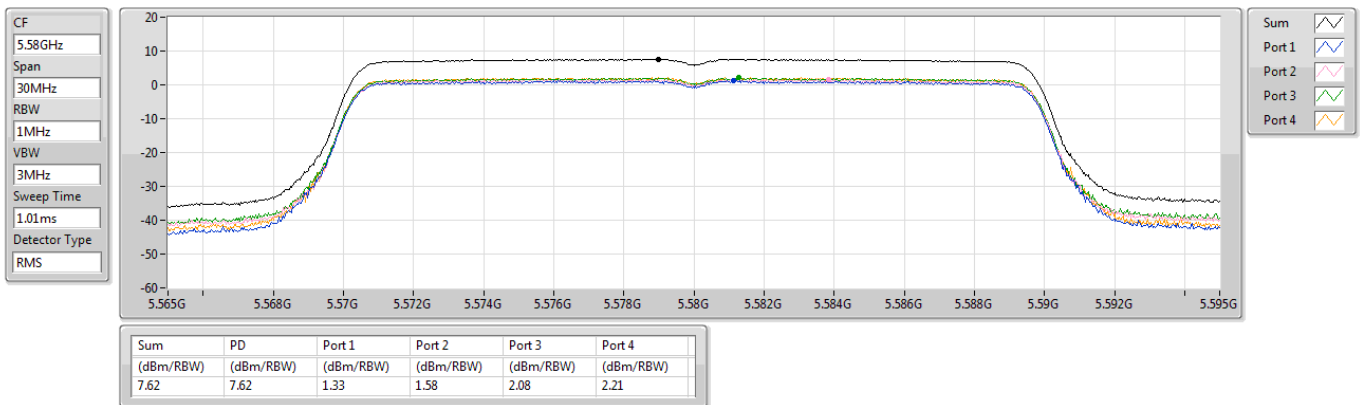
5500MHz



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

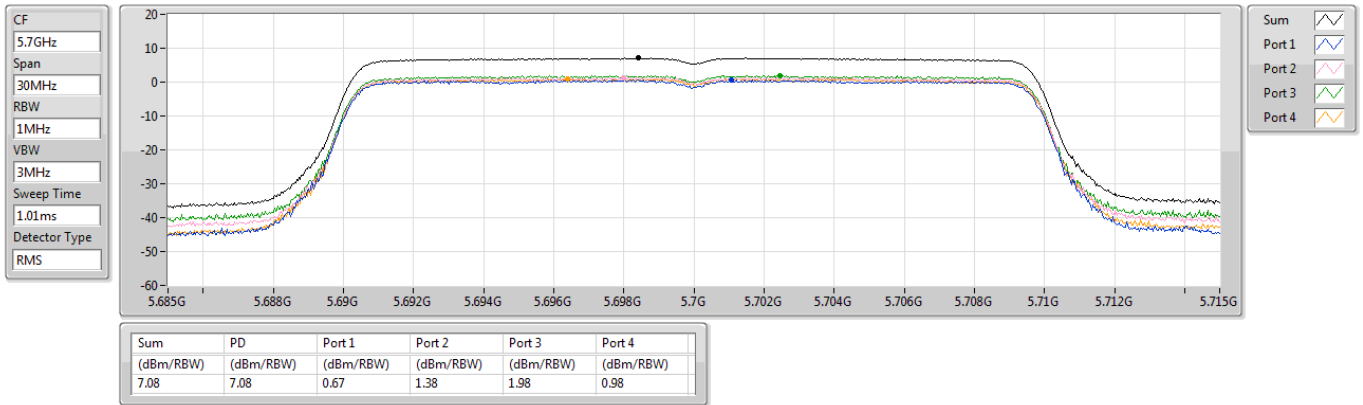
5580MHz



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

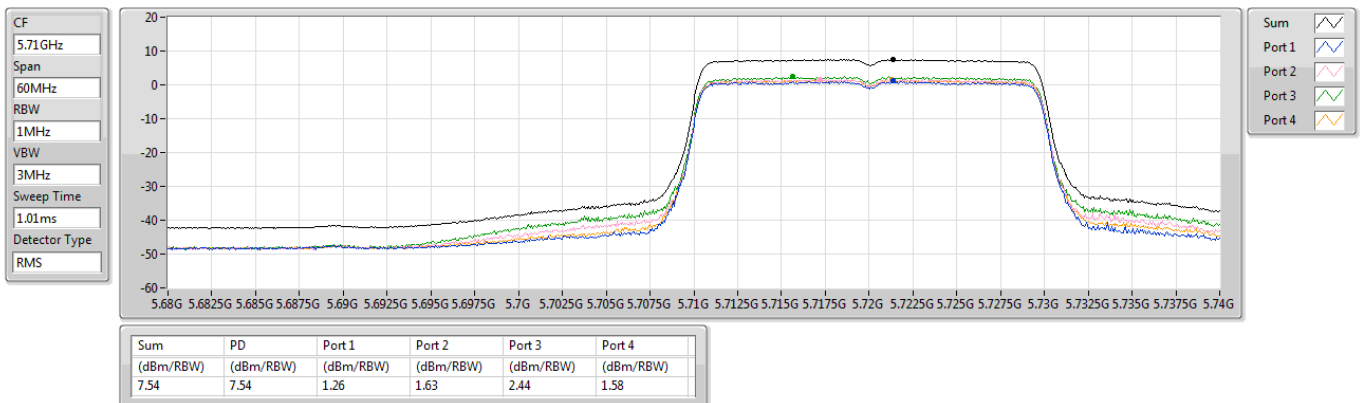
5700MHz



5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

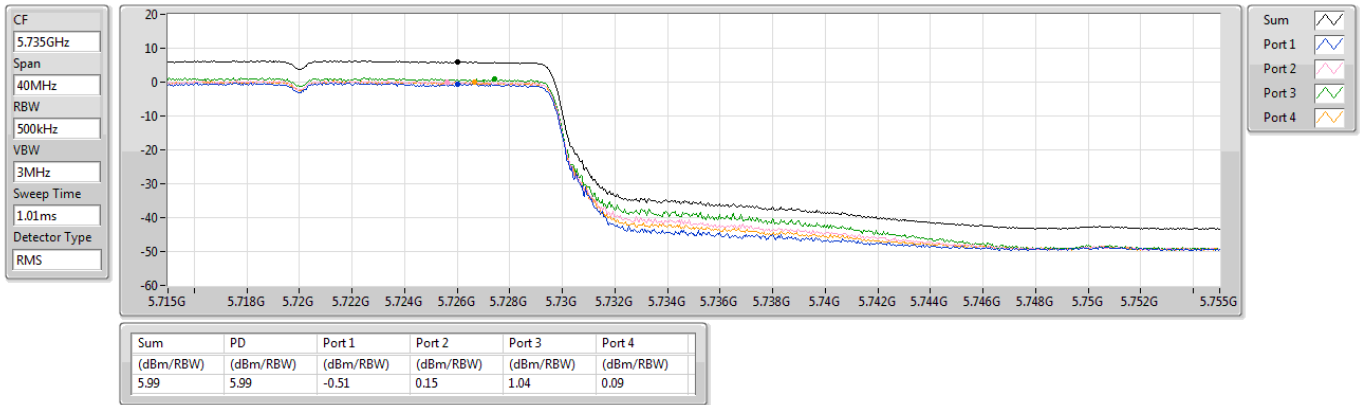
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

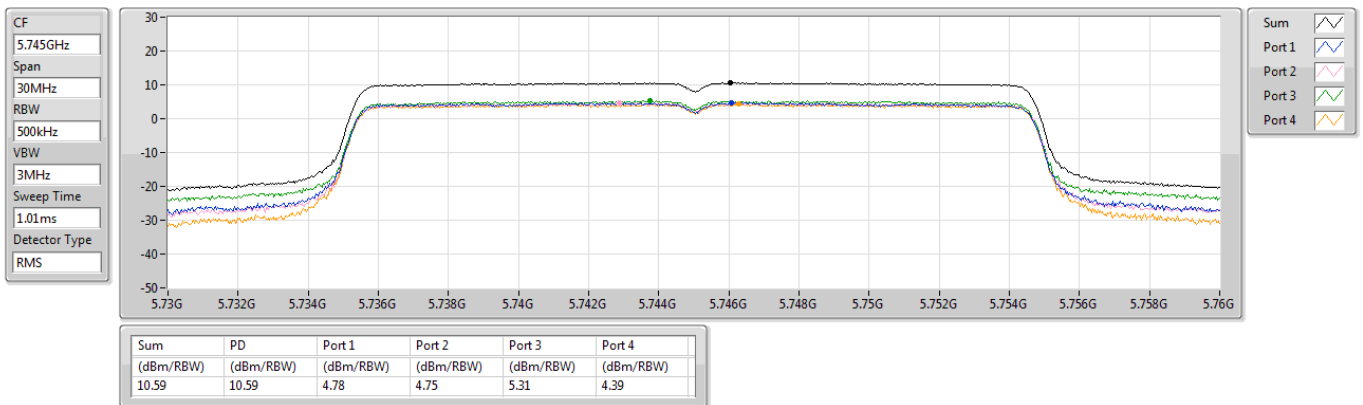
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

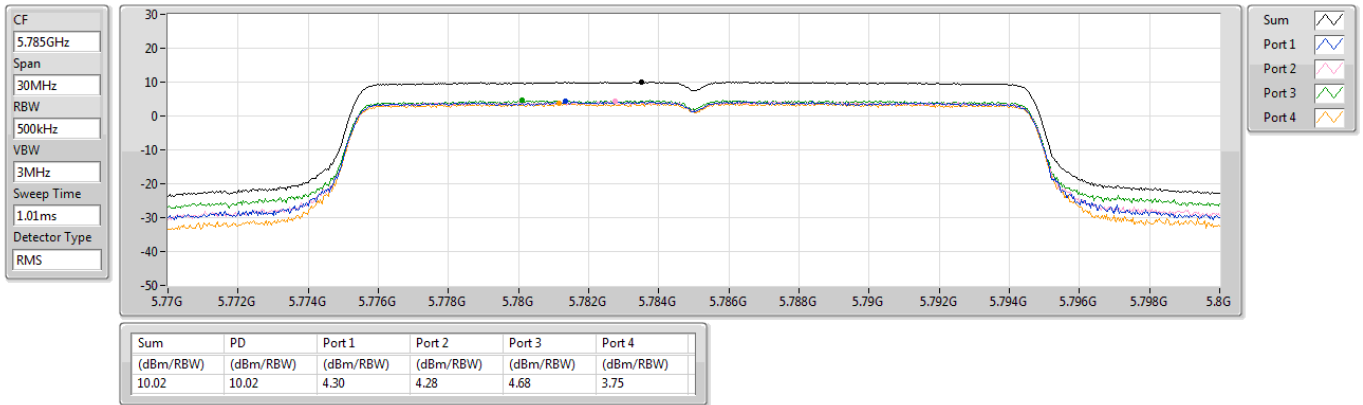
5745MHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

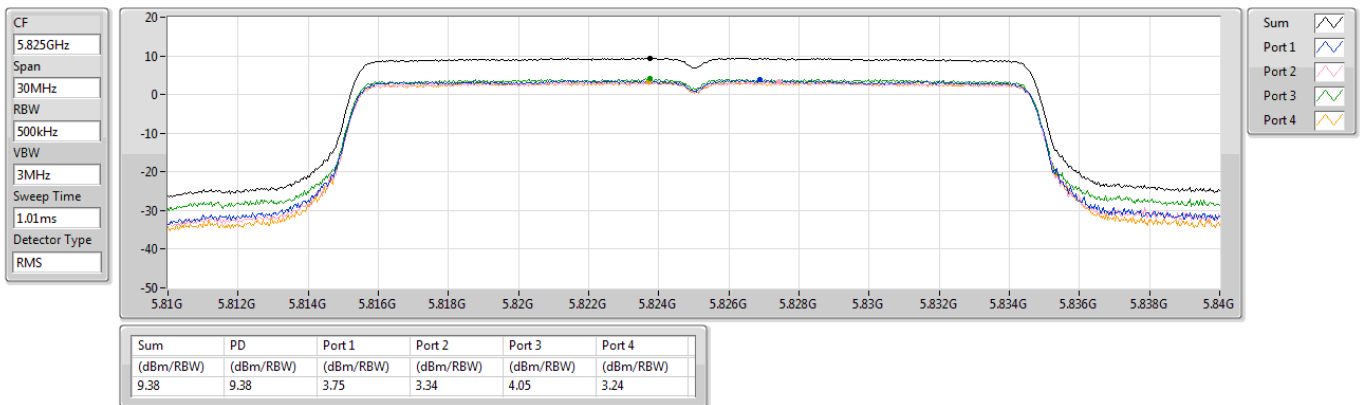
5785MHz



5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5825MHz

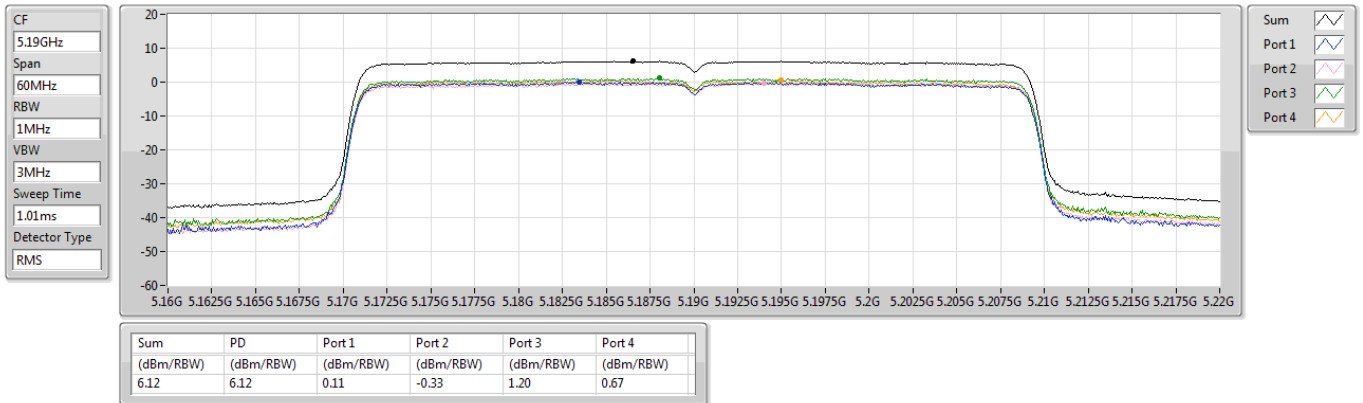




5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

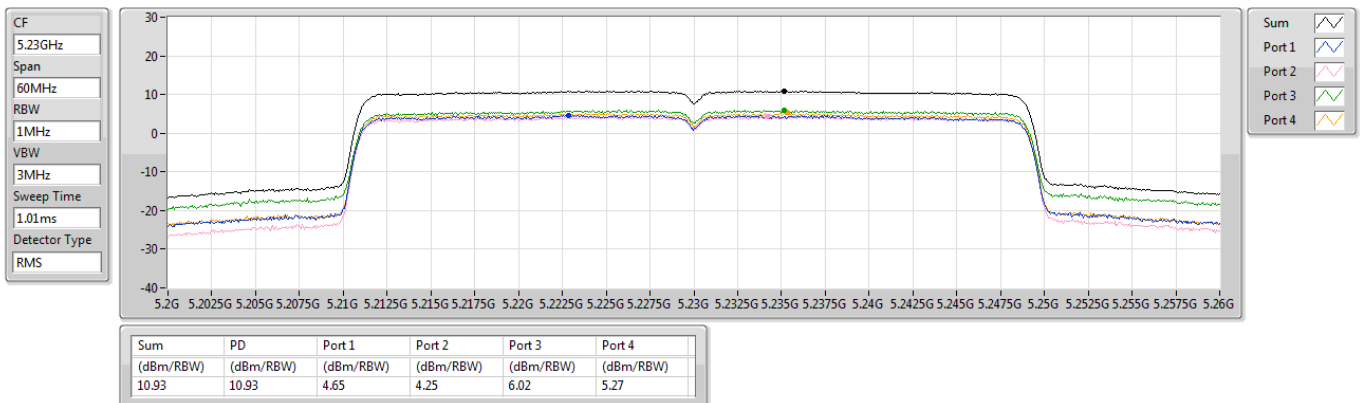
5190MHz



5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5230MHz

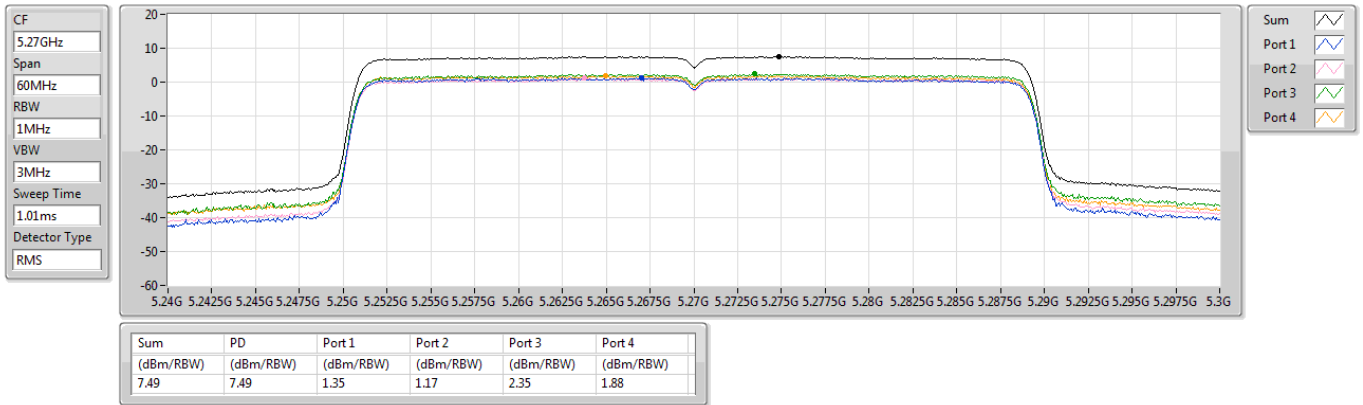




5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

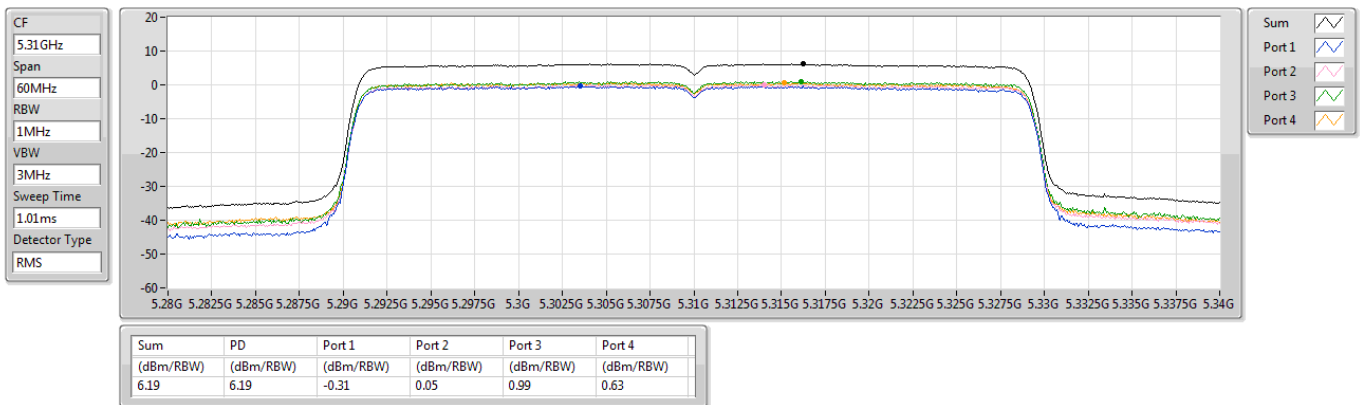
5270MHz



5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

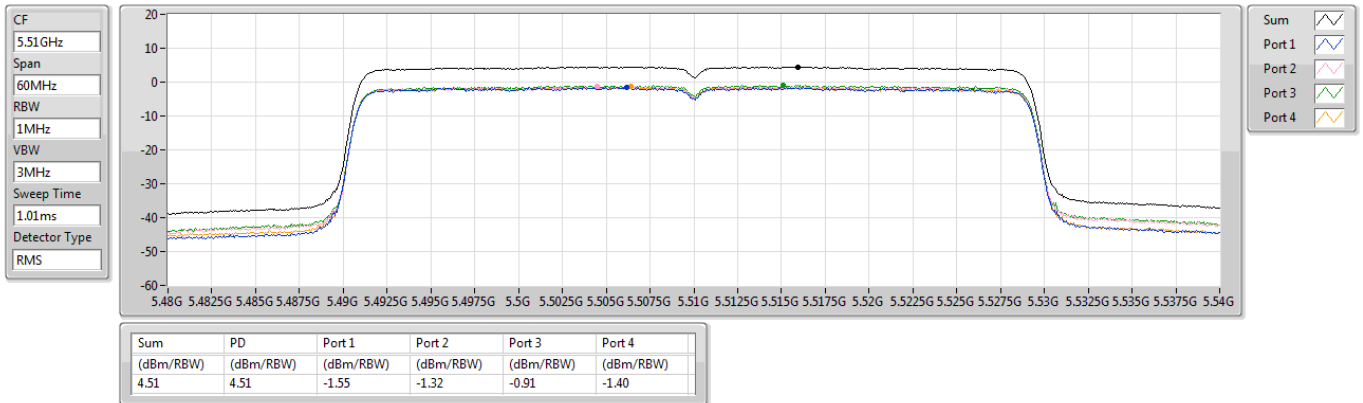




5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

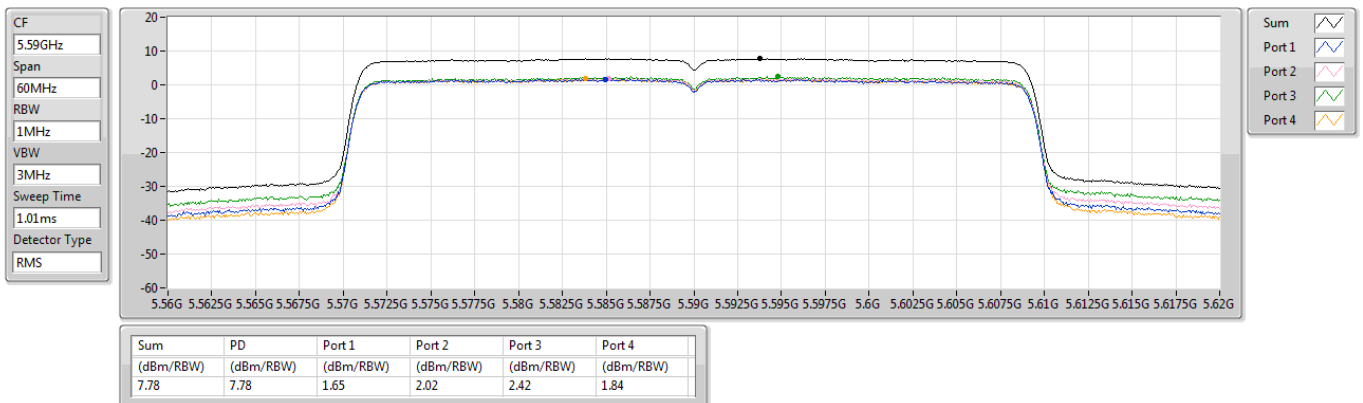
5510MHz



5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5590MHz

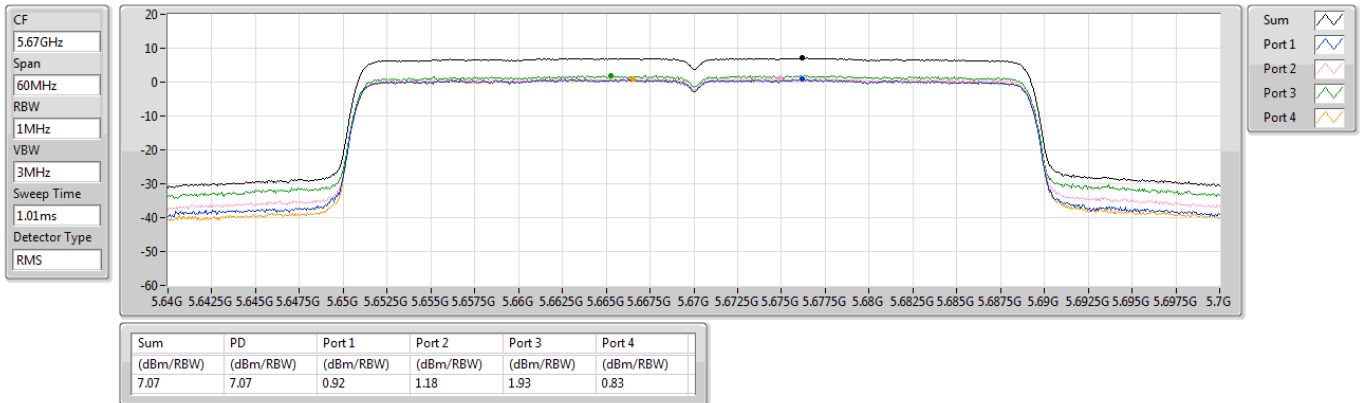




5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

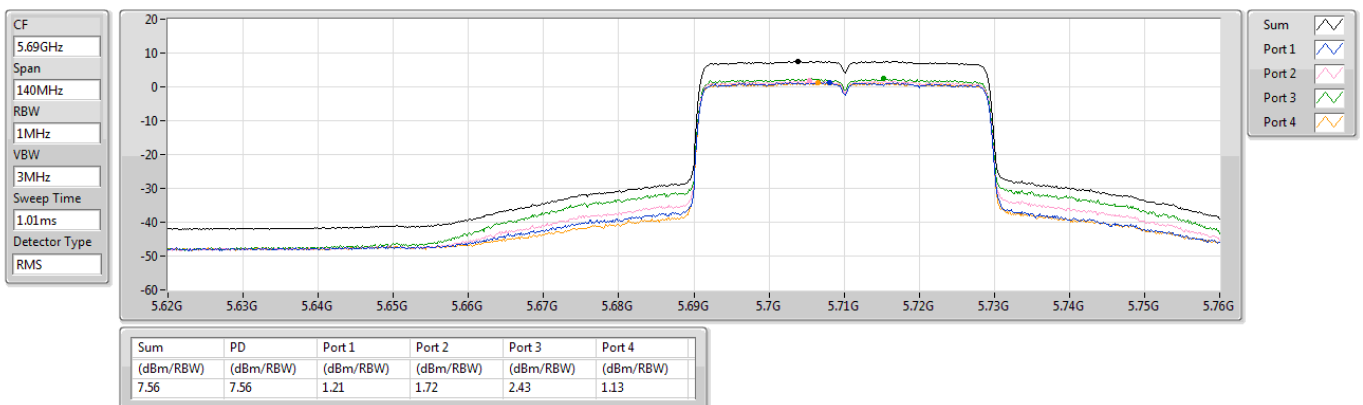
5670MHz



5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

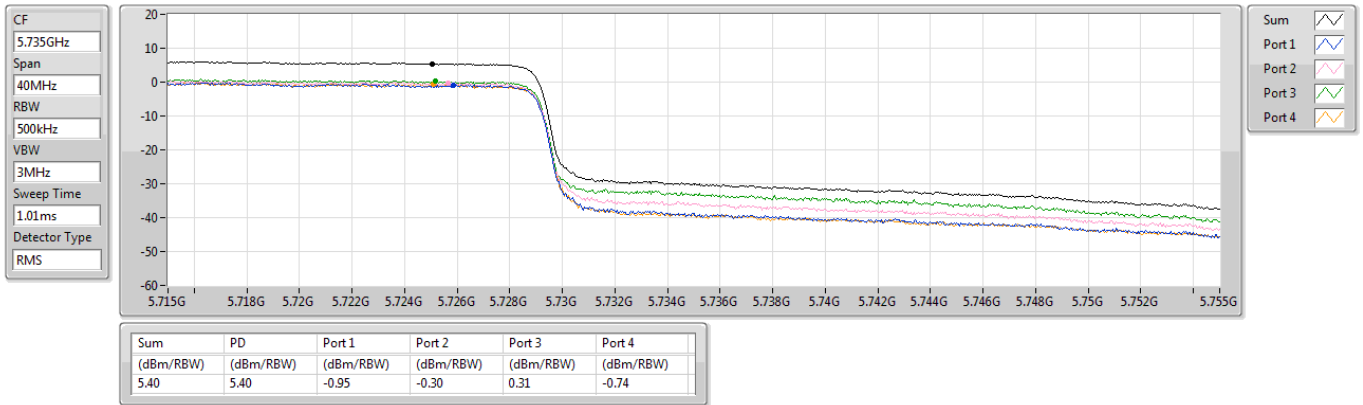




5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

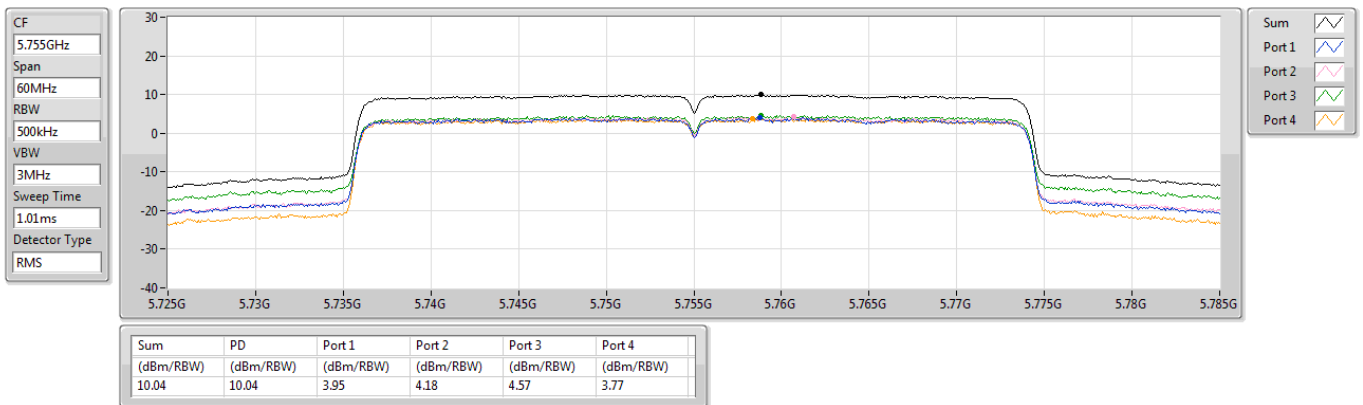
5710MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5755MHz

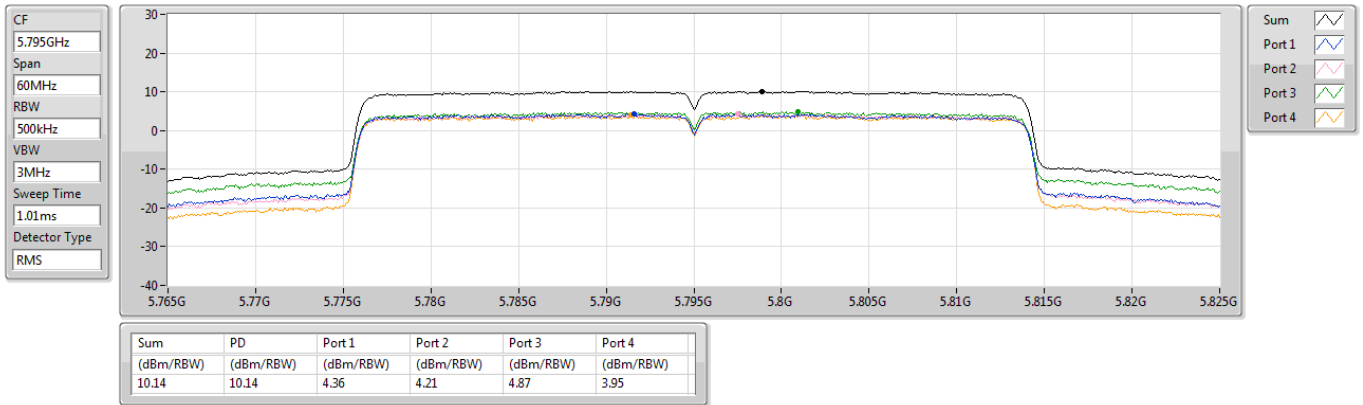




5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

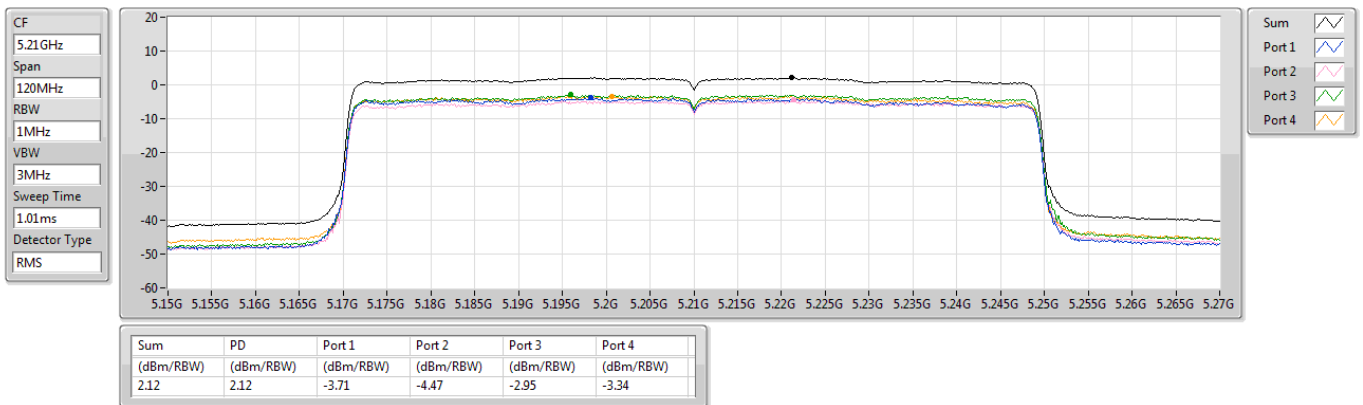
5795MHz



5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

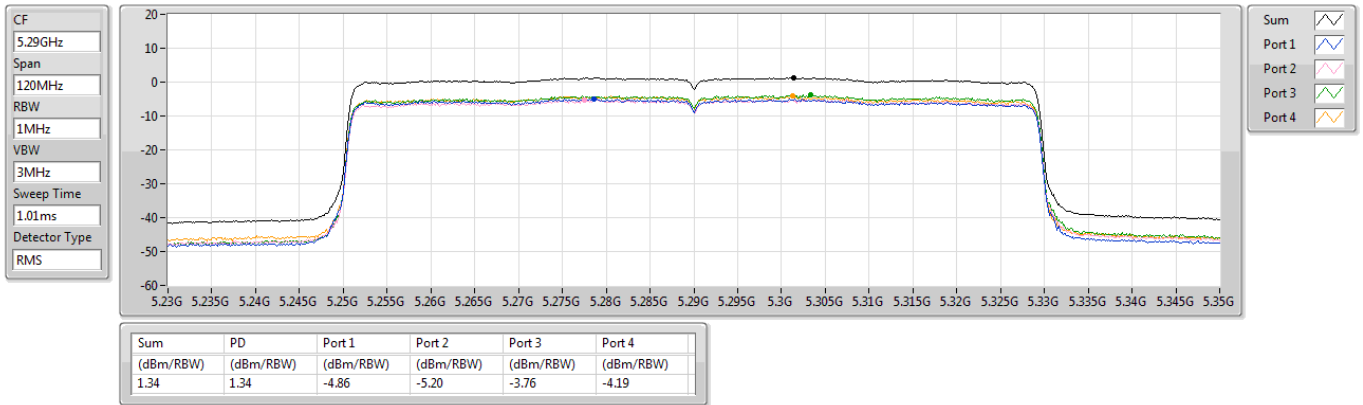
5210MHz



5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

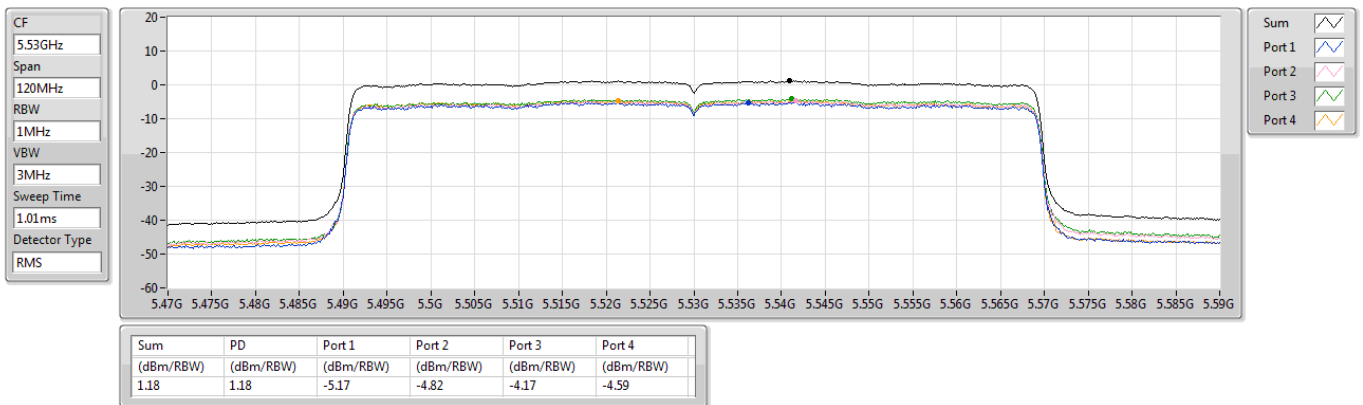
5290MHz



5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

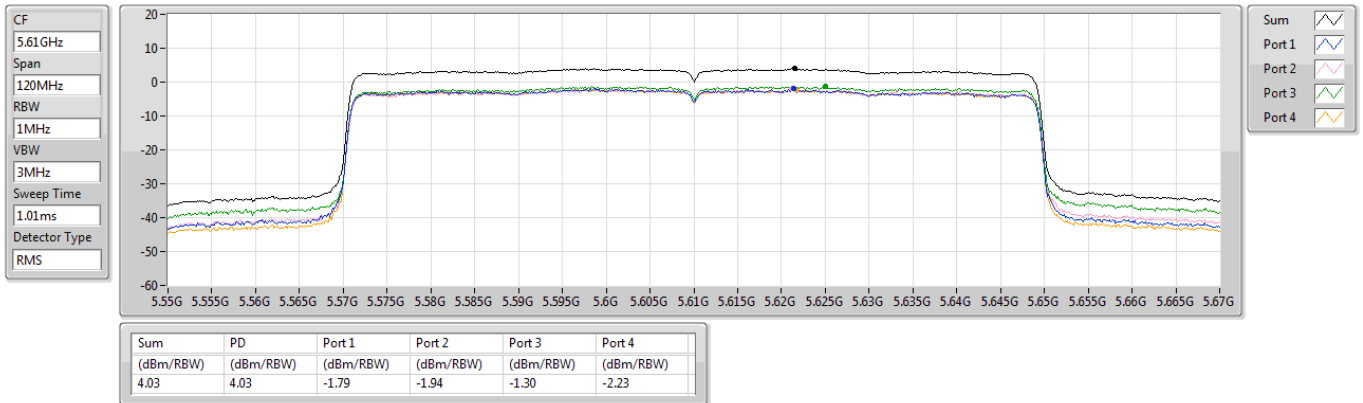




5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

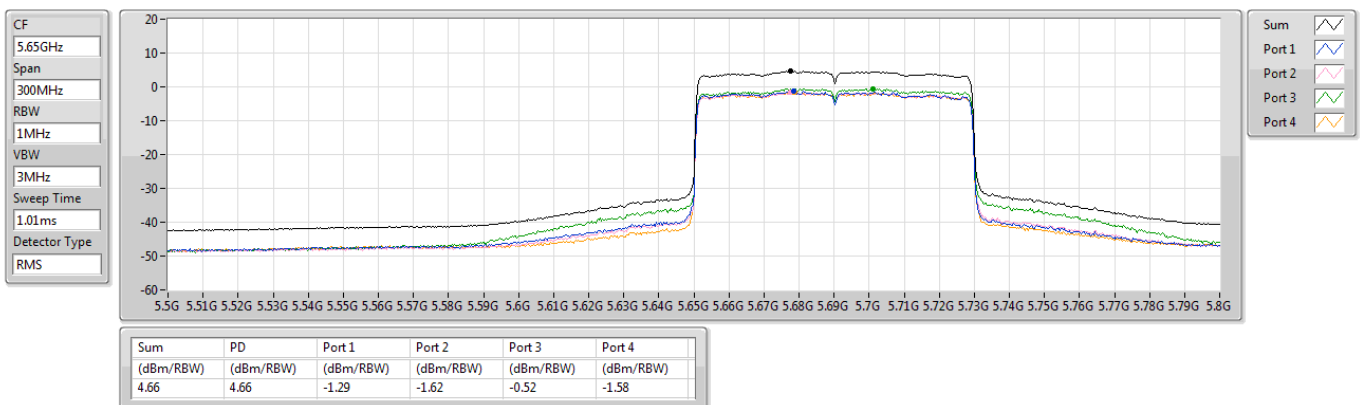
5610MHz



5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

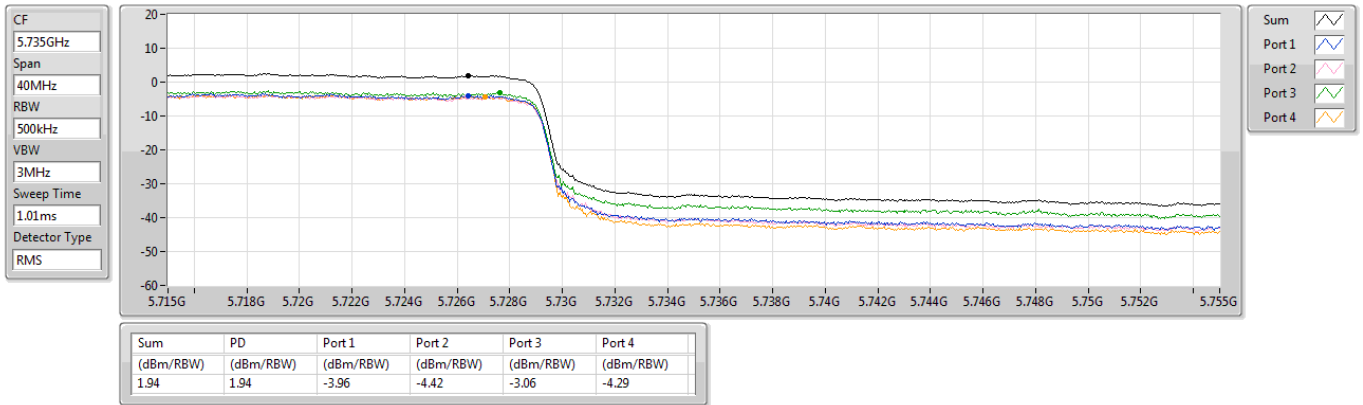




5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

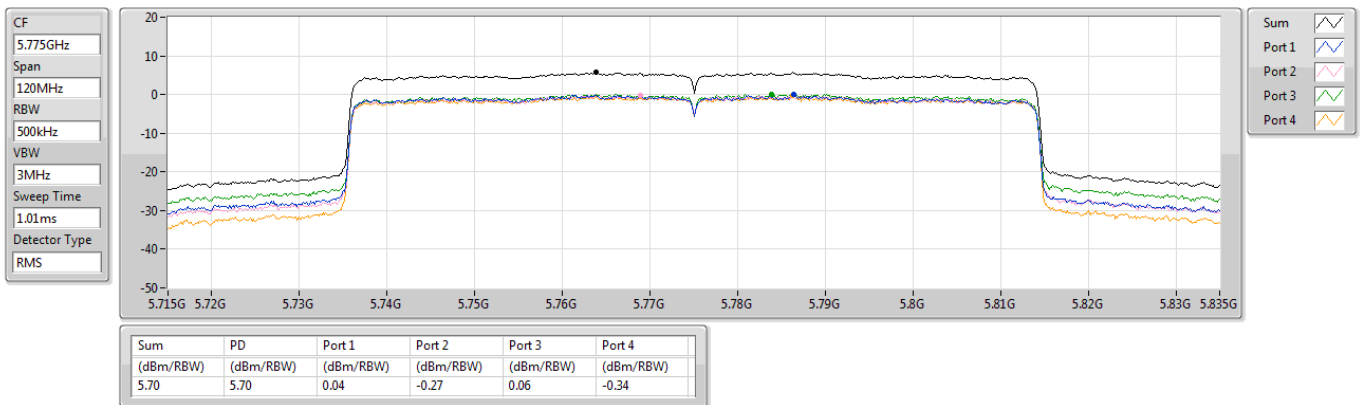
5690MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

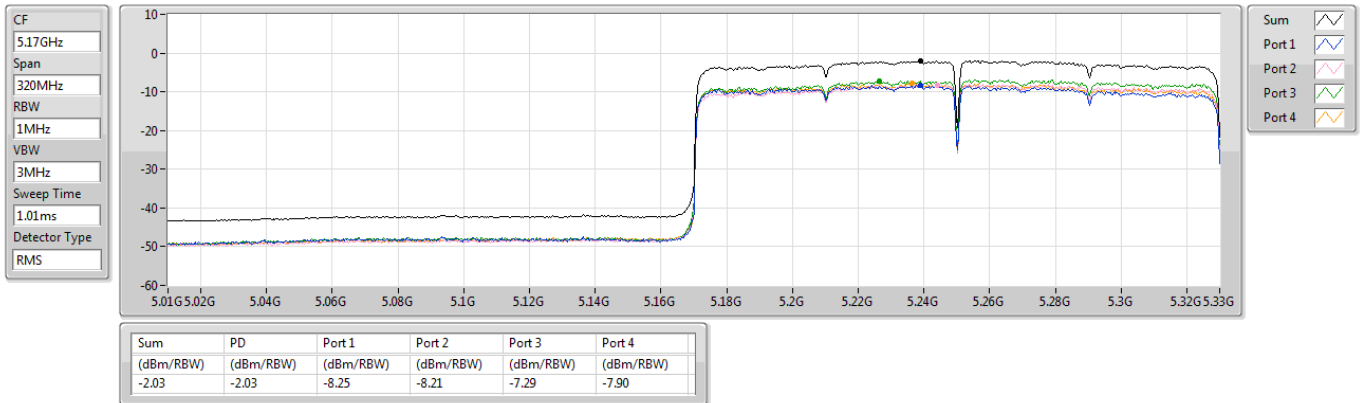
5775MHz



5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

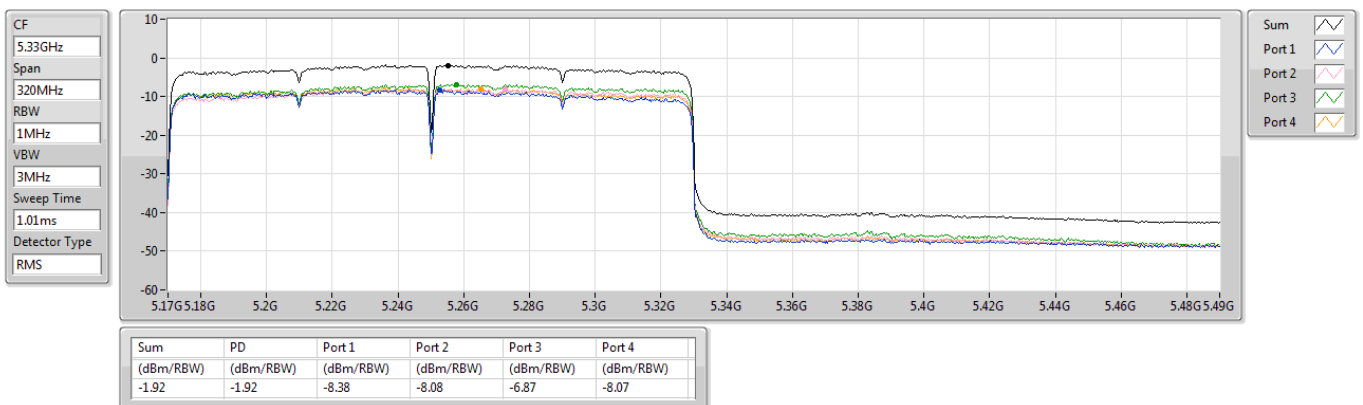
5250MHz Straddle 5.15-5.25GHz



5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz



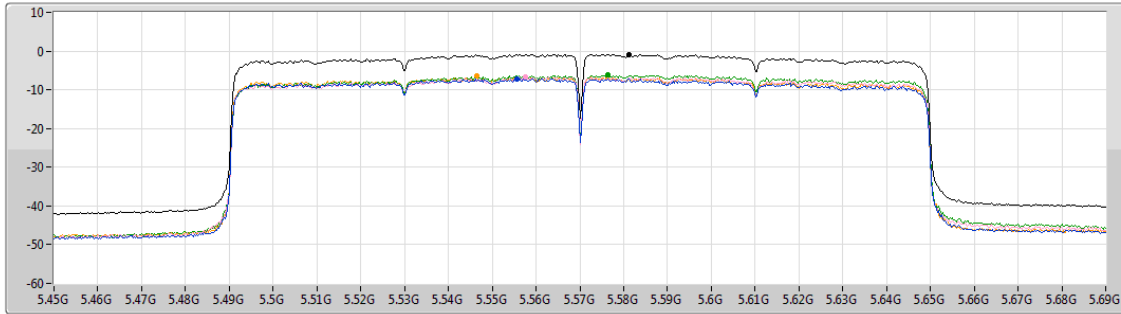


5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5570MHz

CF
5.57GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.83	-0.83	-7.11	-6.64	-6.10	-6.45

Beamforming mode
Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX-OFMDA	13.61	22.66
802.11ax HEW40-BF_Nss1,(MCS0)_4TX-OFMDA	10.53	19.58
802.11ax HEW80-BF_Nss1,(MCS0)_4TX-OFMDA	1.73	10.78
802.11ax HEW160-BF_Nss1,(MCS0)_4TX-OFMDA	-2.52	6.53
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX-OFMDA	7.41	16.46
802.11ax HEW40-BF_Nss1,(MCS0)_4TX-OFMDA	4.23	13.28
802.11ax HEW80-BF_Nss1,(MCS0)_4TX-OFMDA	1.52	10.57
802.11ax HEW160-BF_Nss1,(MCS0)_4TX-OFMDA	-2.64	6.41
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX-OFMDA	7.58	16.63
802.11ax HEW40-BF_Nss1,(MCS0)_4TX-OFMDA	4.30	13.35
802.11ax HEW80-BF_Nss1,(MCS0)_4TX-OFMDA	1.50	10.55
802.11ax HEW160-BF_Nss1,(MCS0)_4TX-OFMDA	-0.75	8.30
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX-OFMDA	9.77	18.79
802.11ax HEW40-BF_Nss1,(MCS0)_4TX-OFMDA	7.73	16.75
802.11ax HEW80-BF_Nss1,(MCS0)_4TX-OFMDA	5.34	14.36

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)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX-OFMDA	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.05	4.92	3.98	7.86	4.76	10.50	13.95	19.55	23.00
5200MHz	Pass	9.05	8.37	6.71	8.77	7.62	13.61	13.95	22.66	23.00
5240MHz	Pass	9.05	8.40	6.94	8.10	7.81	13.44	13.95	22.49	23.00
5260MHz	Pass	9.05	1.02	1.04	2.41	1.98	7.21	7.95	16.26	17.00
5300MHz	Pass	9.05	0.82	0.62	1.63	1.22	7.01	7.95	16.06	17.00
5320MHz	Pass	9.05	1.83	1.03	1.88	1.48	7.41	7.95	16.46	17.00
5500MHz	Pass	9.05	0.48	2.40	1.50	2.26	7.09	7.95	16.14	17.00
5580MHz	Pass	9.05	0.76	0.85	1.58	1.56	6.85	7.95	15.90	17.00
5700MHz	Pass	9.05	1.07	1.23	1.18	0.62	6.38	7.95	15.43	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.05	1.92	1.50	2.29	2.11	7.58	7.95	16.63	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.02	-2.16	0.39	0.85	-0.69	5.66	26.98	14.68	36.00
5745MHz	Pass	9.02	3.84	3.99	4.75	4.28	9.77	26.98	18.79	36.00
5785MHz	Pass	9.02	3.34	3.77	4.43	2.89	9.13	26.98	18.15	36.00
5825MHz	Pass	9.02	2.42	3.06	3.45	2.70	8.26	26.98	17.28	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX-OFMDA	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.05	0.36	-0.71	0.82	2.40	6.45	13.95	15.50	23.00
5230MHz	Pass	9.05	4.68	3.84	5.46	5.71	10.53	13.95	19.58	23.00
5270MHz	Pass	9.05	-2.50	-1.76	-0.63	-1.59	4.06	7.95	13.11	17.00
5310MHz	Pass	9.05	-1.13	-1.78	-1.00	-1.55	4.23	7.95	13.28	17.00
5510MHz	Pass	9.05	-1.87	-1.39	-0.87	-1.73	4.21	7.95	13.26	17.00
5590MHz	Pass	9.05	-2.04	-0.68	-0.70	-1.32	4.30	7.95	13.35	17.00
5670MHz	Pass	9.05	-1.98	-1.48	-0.72	-1.74	4.26	7.95	13.31	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.05	-2.08	-1.42	-0.84	-1.87	4.30	7.95	13.35	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.02	-4.34	-3.61	-3.12	-4.02	2.15	26.98	11.17	36.00
5755MHz	Pass	9.02	1.75	1.95	2.88	1.38	7.73	26.98	16.75	36.00
5795MHz	Pass	9.02	0.24	0.93	1.50	0.35	6.61	26.98	15.63	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX-OFMDA	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.05	-4.03	-4.53	-2.45	-3.75	1.73	13.95	10.78	23.00
5290MHz	Pass	9.05	-4.19	-4.13	-3.16	-4.25	1.52	7.95	10.57	17.00
5530MHz	Pass	9.05	-4.43	-3.81	-3.45	-4.15	1.37	7.95	10.42	17.00
5610MHz	Pass	9.05	-4.81	-4.62	-3.98	-4.26	1.31	7.95	10.36	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.05	-4.42	-4.57	-3.50	-4.06	1.50	7.95	10.55	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.02	-7.51	-8.52	-5.96	-6.78	-1.32	26.98	7.70	36.00
5775MHz	Pass	9.02	-0.54	0.89	0.95	-1.16	5.34	26.98	14.36	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX-OFMDA	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.05	-7.07	-8.16	-7.95	-7.03	-2.52	13.95	6.53	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	9.05	-9.33	-8.72	-6.41	-8.46	-2.64	7.95	6.41	17.00
5570MHz	Pass	9.05	-7.26	-6.31	-5.25	-6.36	-0.75	7.95	8.30	17.00

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;

Note:

For 5180~5240MHz / 5260~5320MHz

Directional gain = $10 \times \log((10^{2.9/20} + 10^{2.7/20} + 10^{3.3/20} + 10^{3.2/20})^2/4) = 9.05 \text{ dBi} > 6 \text{ dBi}$, limit shall be reduced to $17 \text{ dBm} - (9.05 \text{ dBi} - 6 \text{ dBi}) = 13.95 \text{ dBm}$

For 5260~5320MHz

Directional gain = $10 \times \log((10^{2.9/20} + 10^{2.7/20} + 10^{3.3/20} + 10^{3.2/20})^2/4) = 9.05 \text{ dBi} > 6 \text{ dBi}$, limit shall be reduced to $11 \text{ dBm} - (9.05 \text{ dBi} - 6 \text{ dBi}) = 7.95 \text{ dBm}$

For 5500~5750MHz:

Directional gain = $10 \times \log((10^{3/20} + 10^{2.7/20} + 10^{3.5/20} + 10^{2.9/20})^2/4) = 9.05 \text{ dBi} > 6 \text{ dBi}$, limit shall be reduced to $11 \text{ dBm} - (9.05 \text{ dBi} - 6 \text{ dBi}) = 7.95 \text{ dBm}$

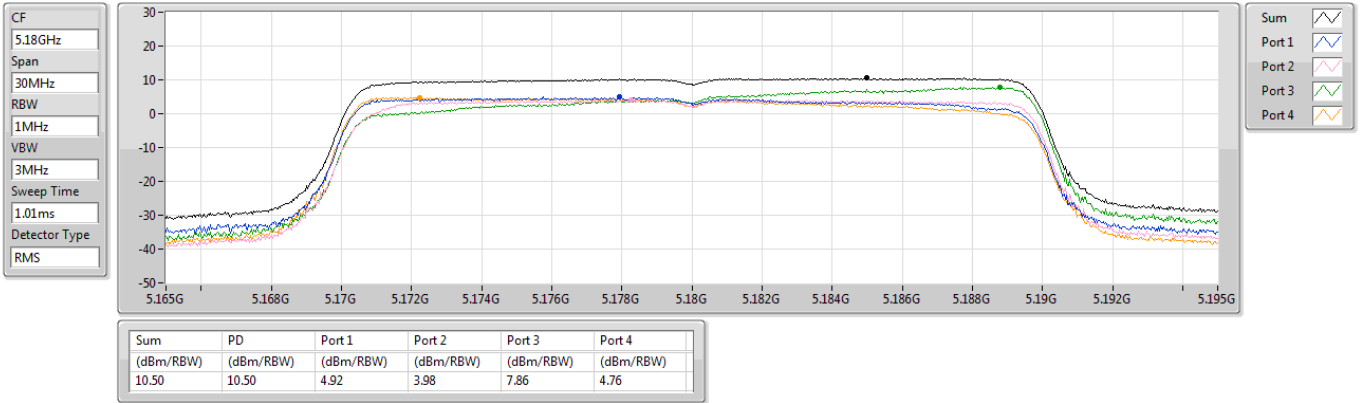
For 5745~5825MHz:

Directional gain = $10 \times \log((10^{3.1/20} + 10^{2.8/20} + 10^{3.4/20} + 10^{2.7/20})^2/4) = 9.02 \text{ dBi} > 6 \text{ dBi}$, limit shall be reduced to $30 \text{ dBm} - (9.02 \text{ dBi} - 6 \text{ dBi}) = 26.98 \text{ dBm}$

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

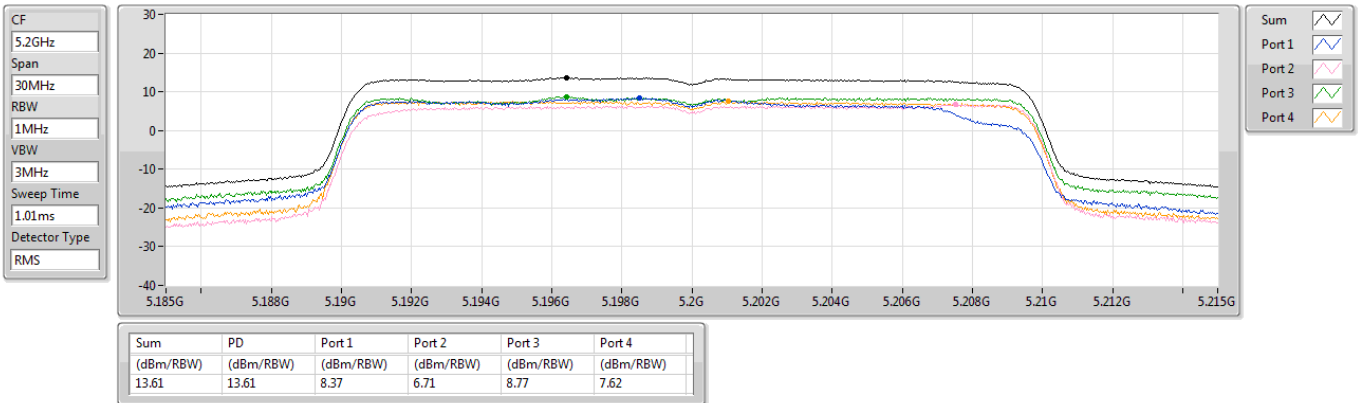
5180MHz



5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

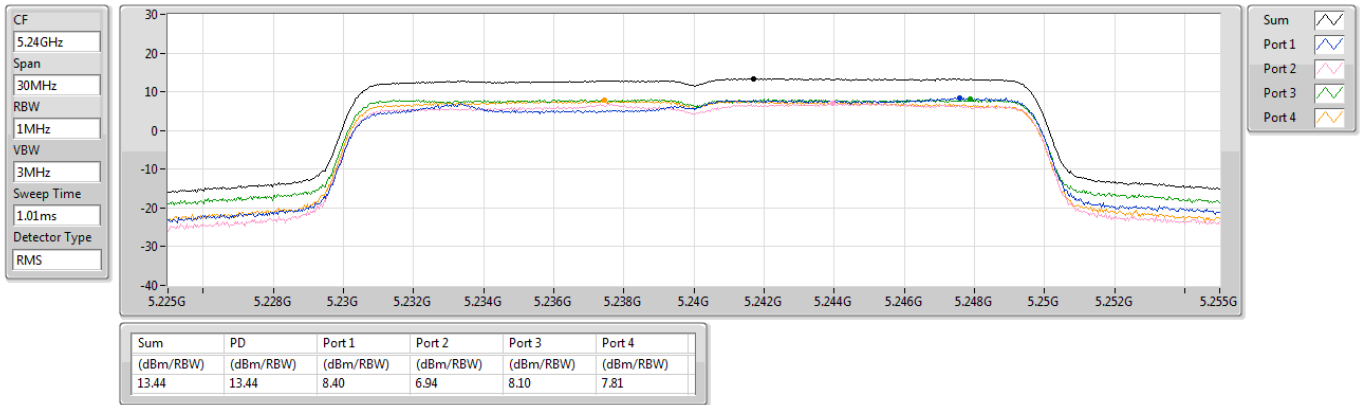
5200MHz



5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

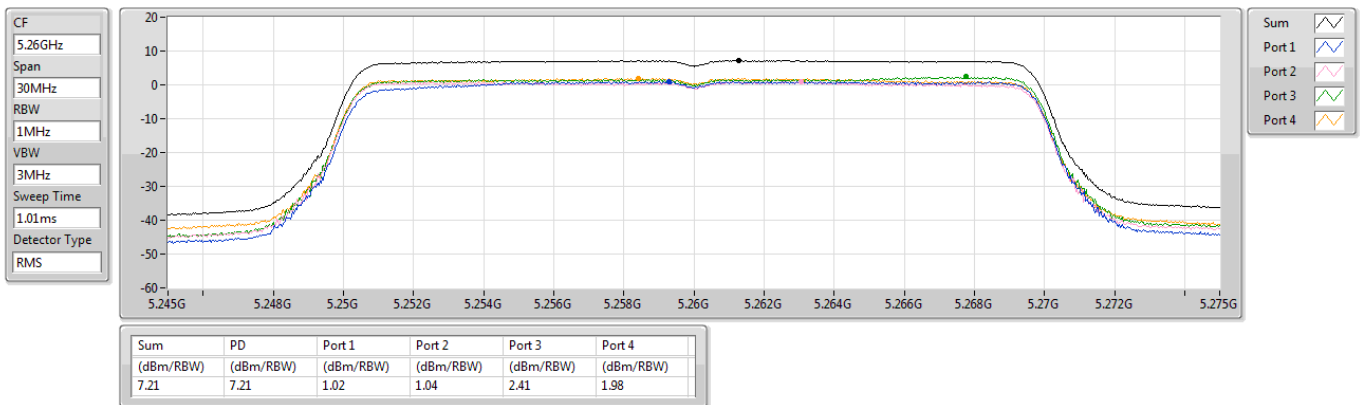
5240MHz



5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

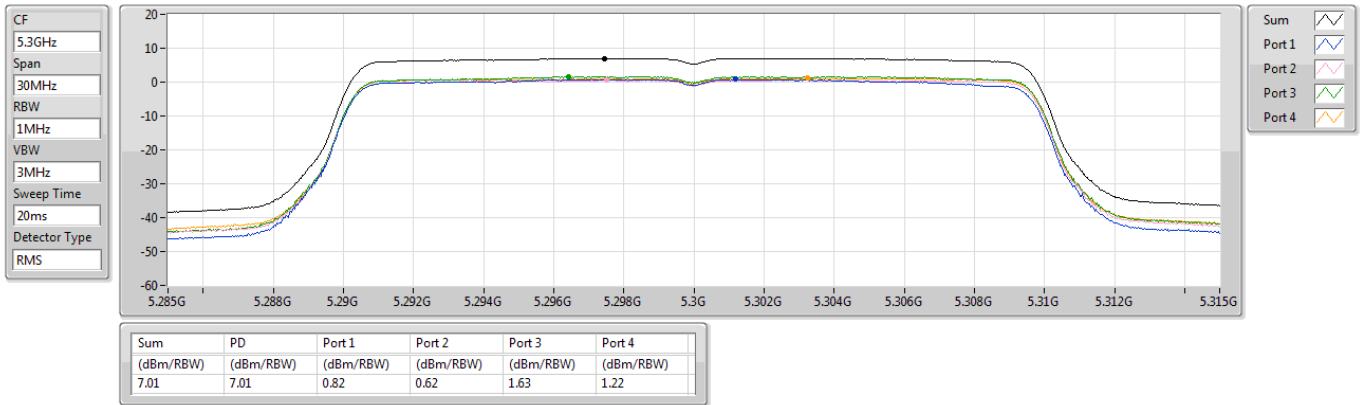
5260MHz



5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

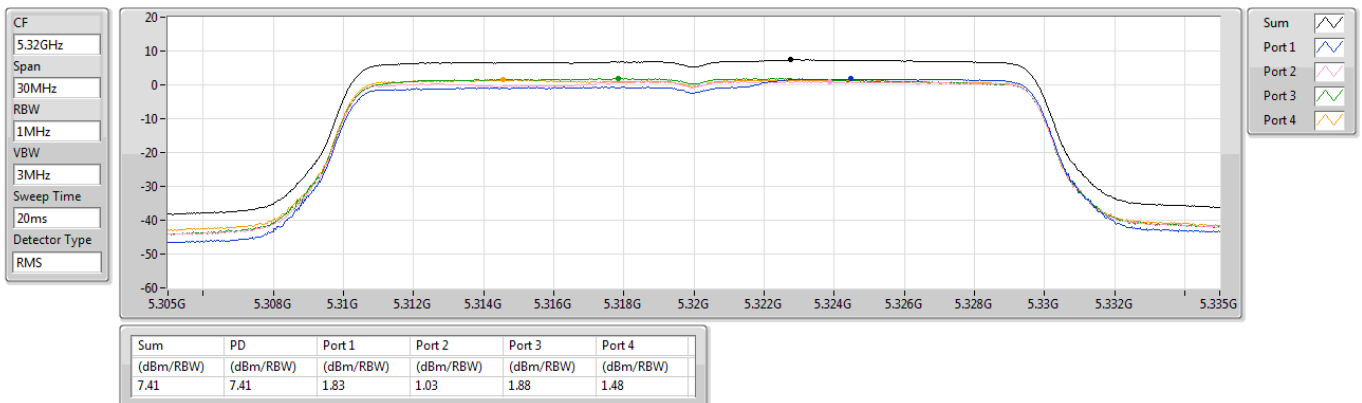
5300MHz



5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

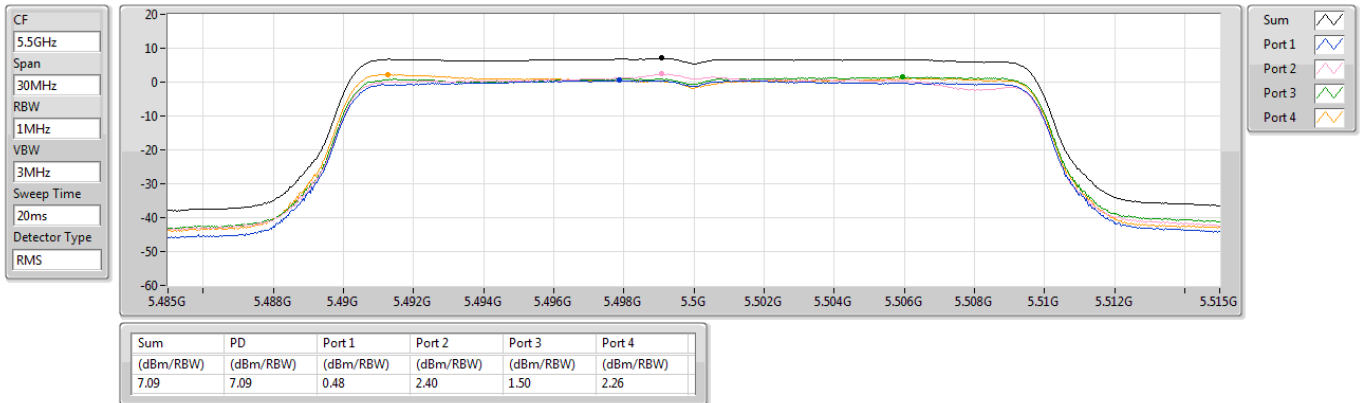
5320MHz



5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

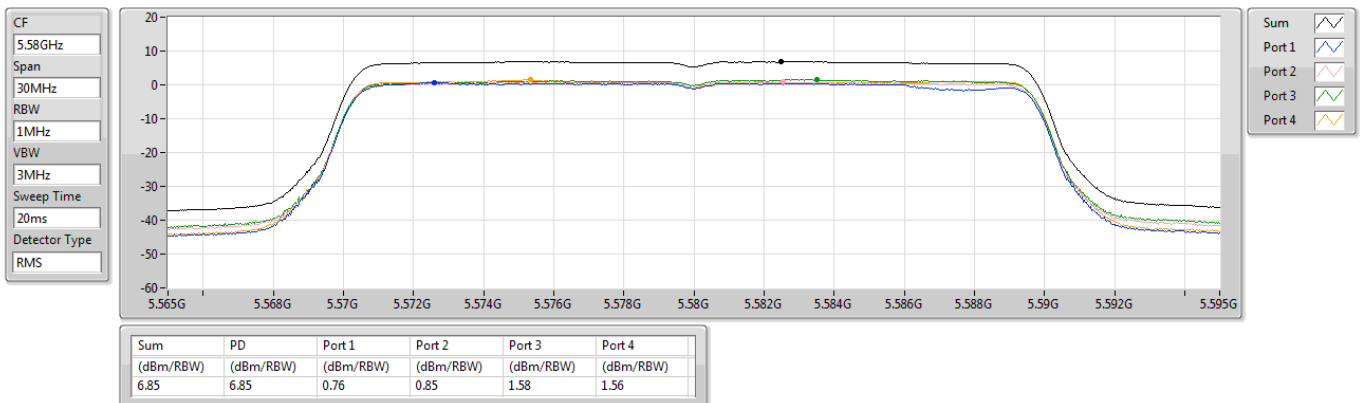
5500MHz



5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5580MHz

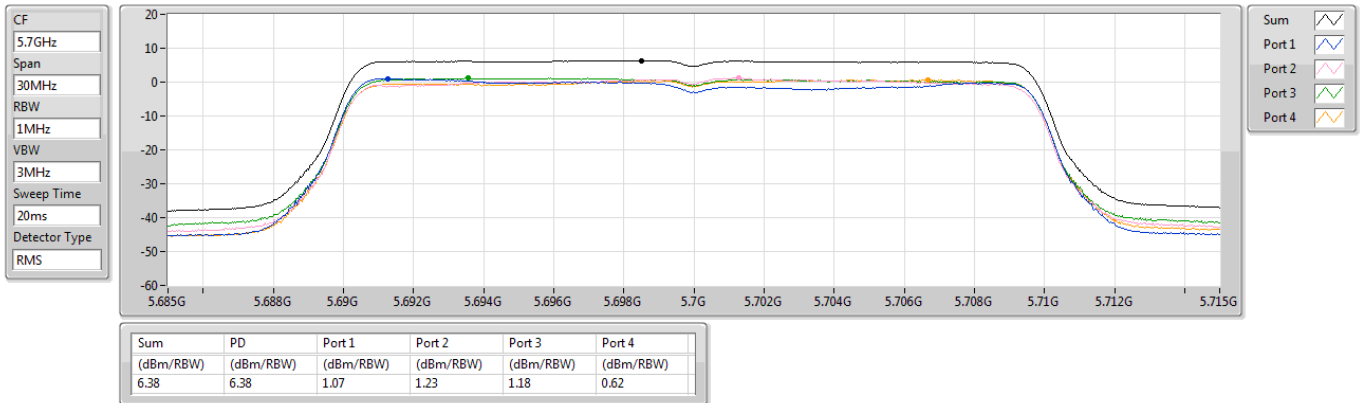




5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

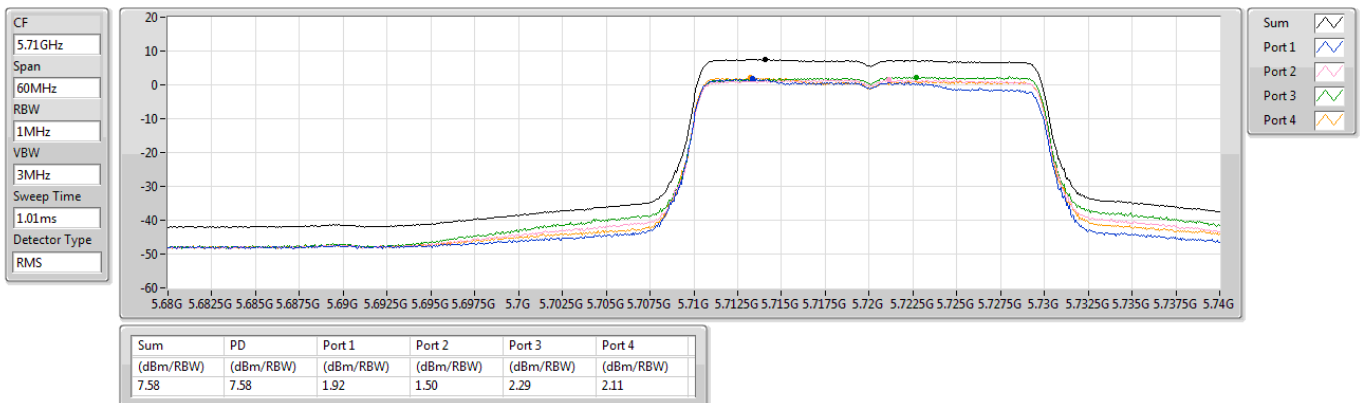
5700MHz



5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

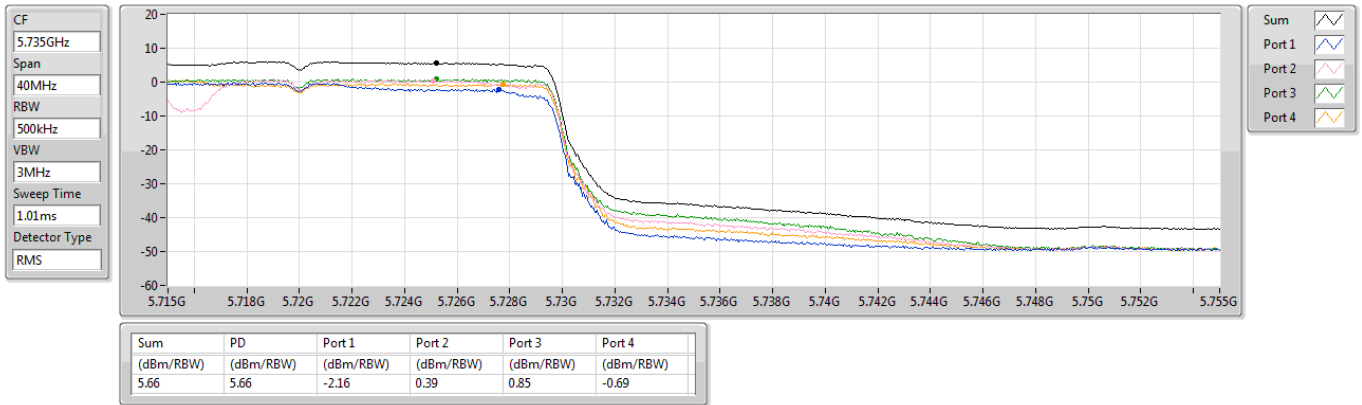
5720MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

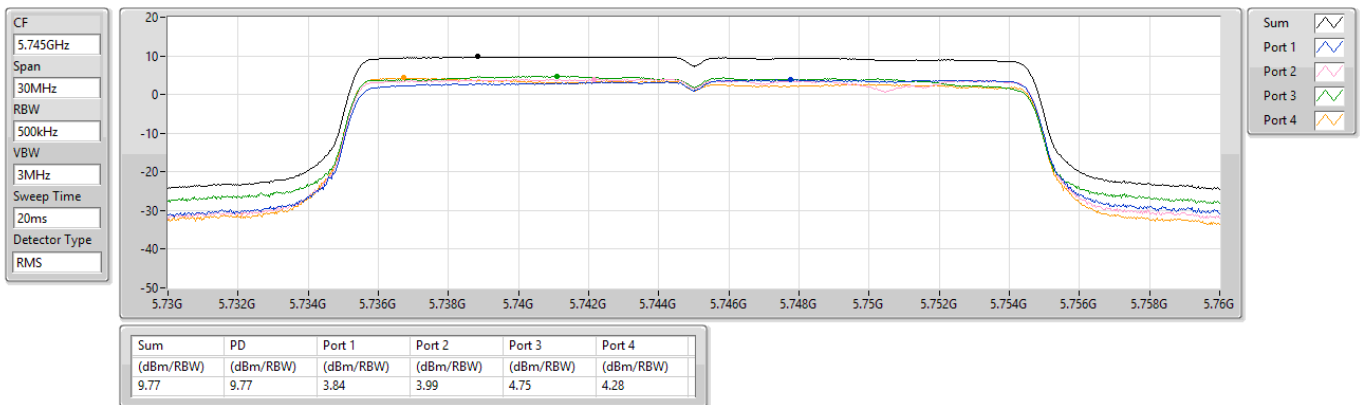
5720MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

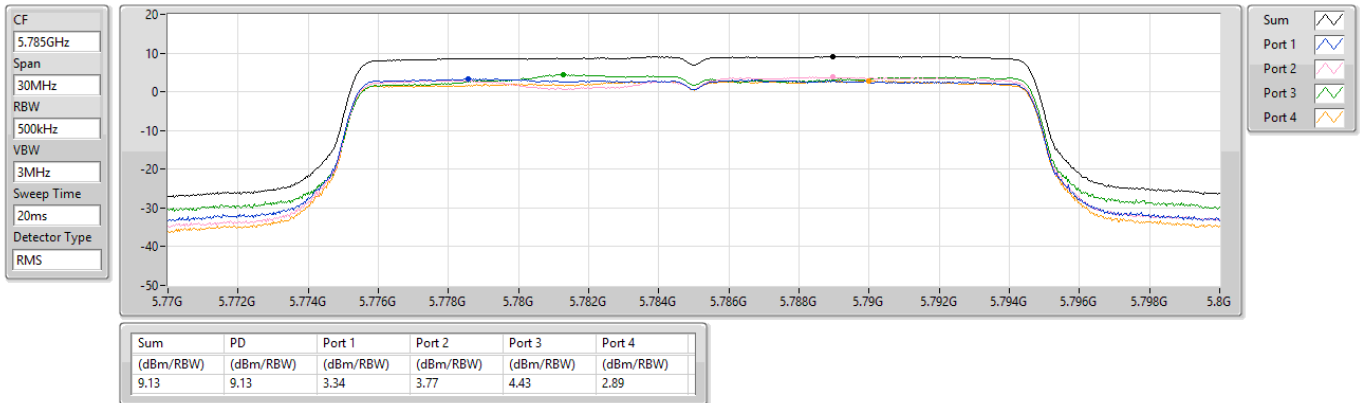
5745MHz



5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

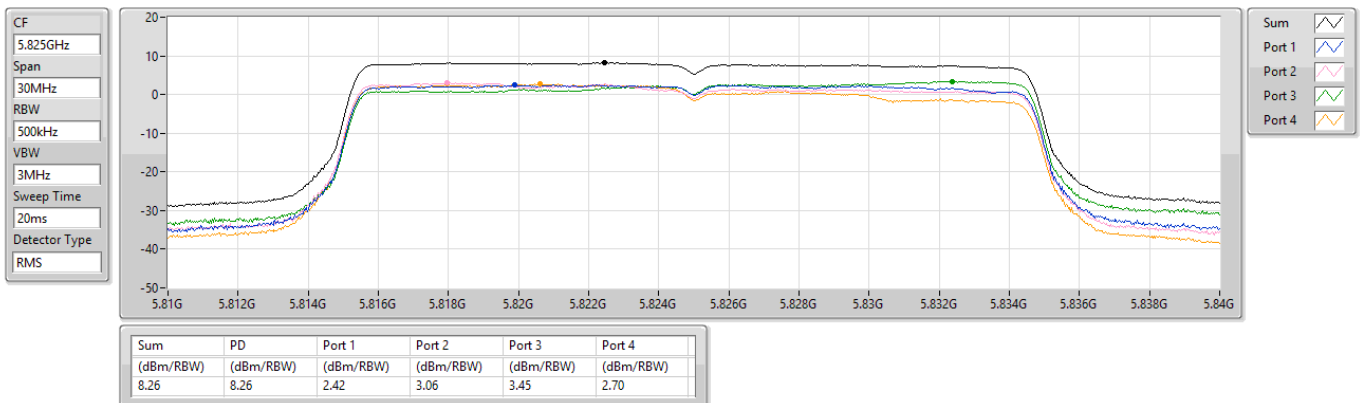
5785MHz



5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

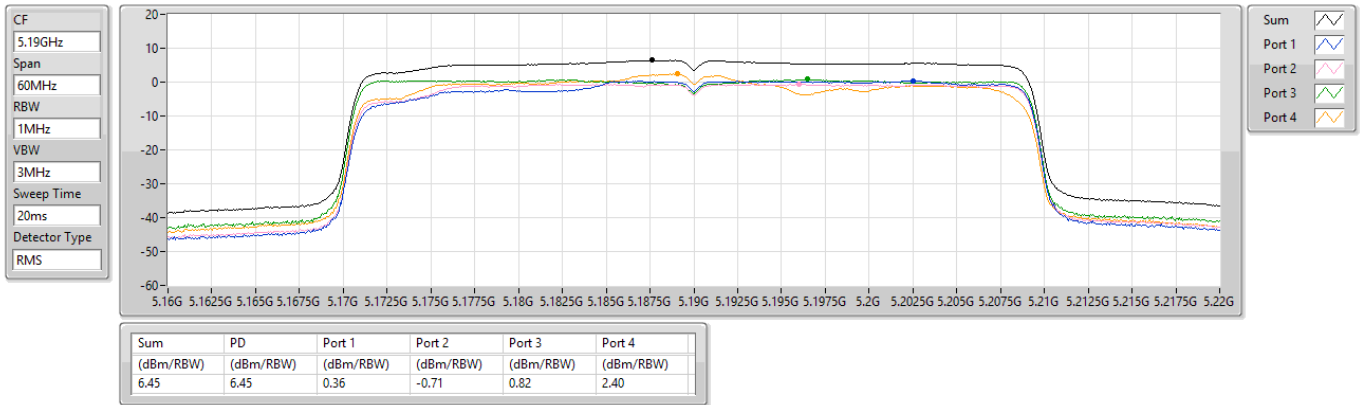
5825MHz



5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

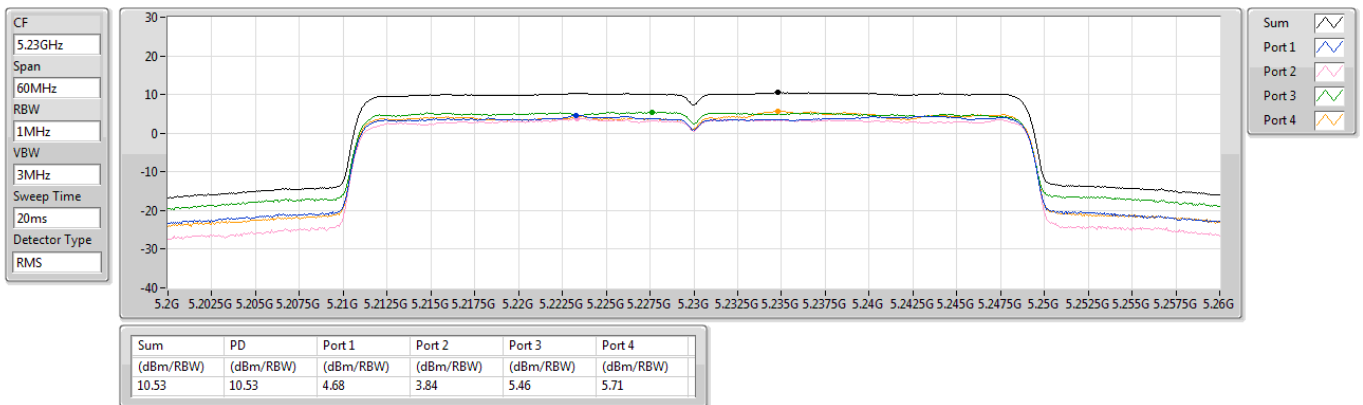
5190MHz



5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5230MHz

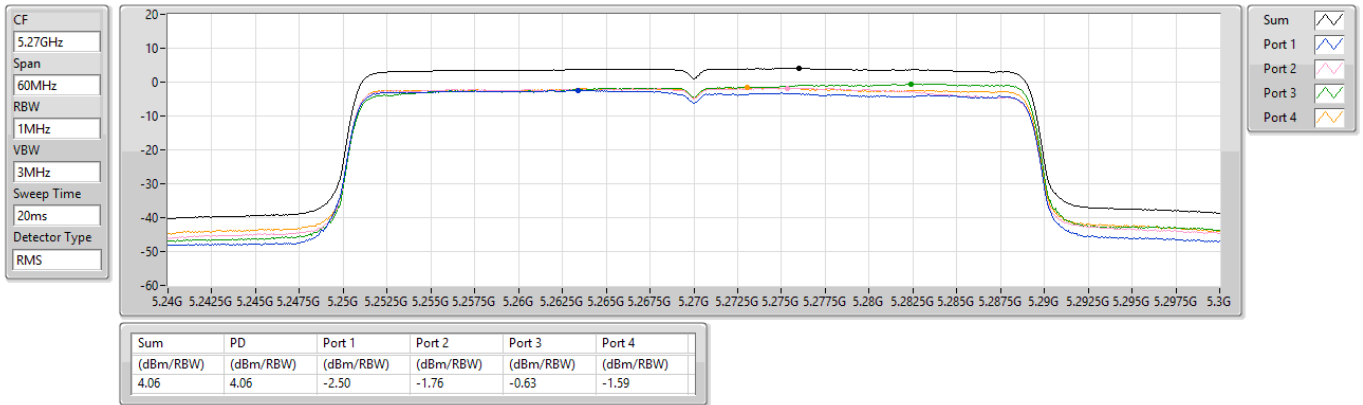




5.25-5.35GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

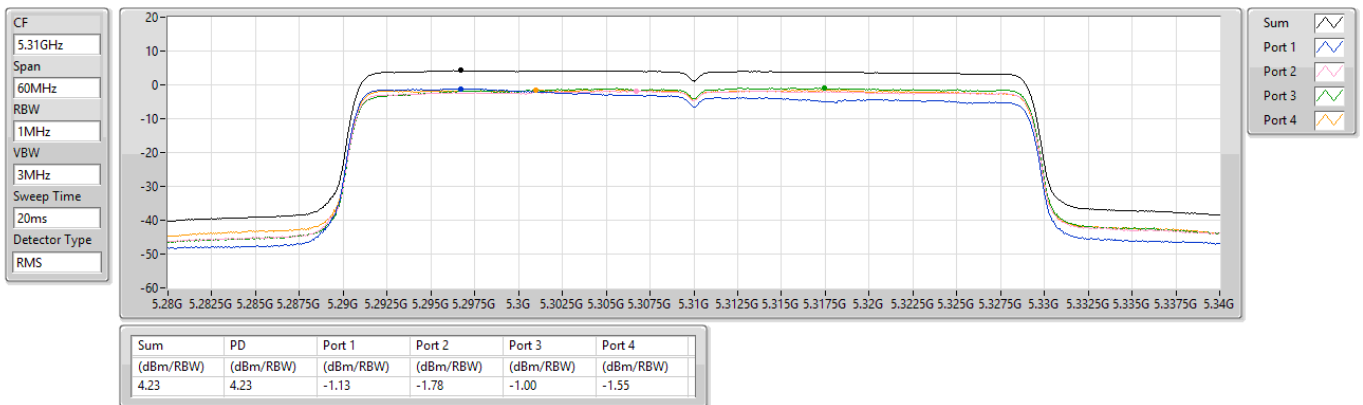
5270MHz



5.25-5.35GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

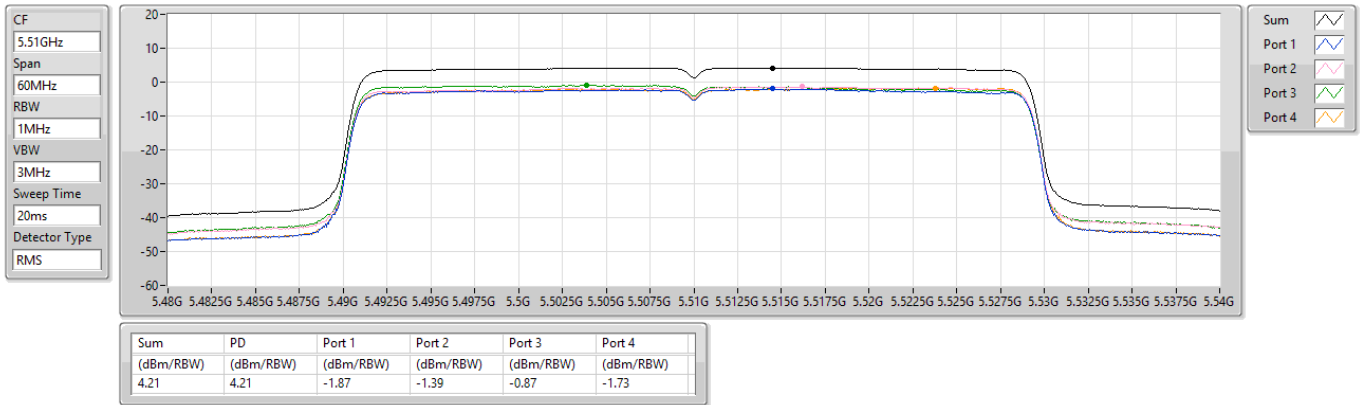
5310MHz



5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

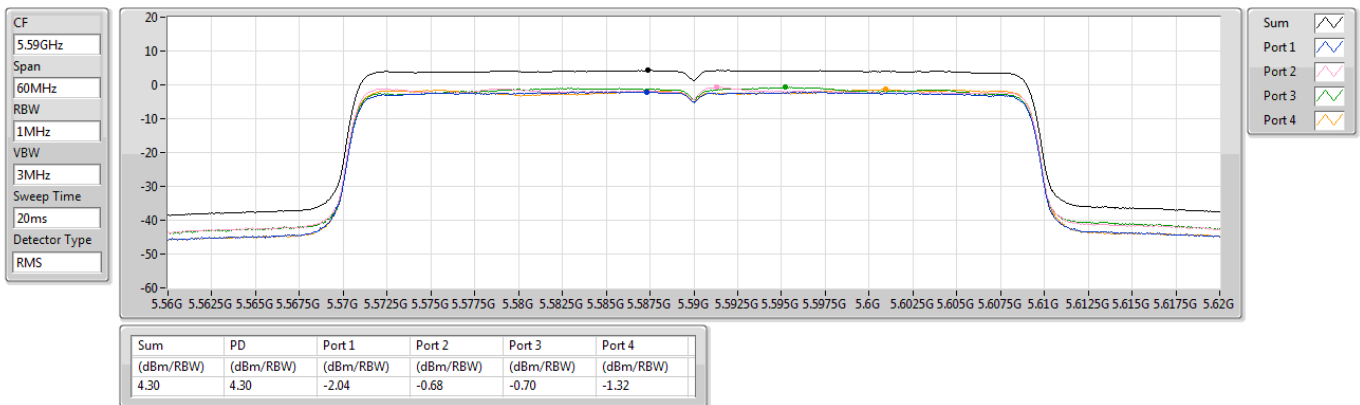
5510MHz



5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5590MHz

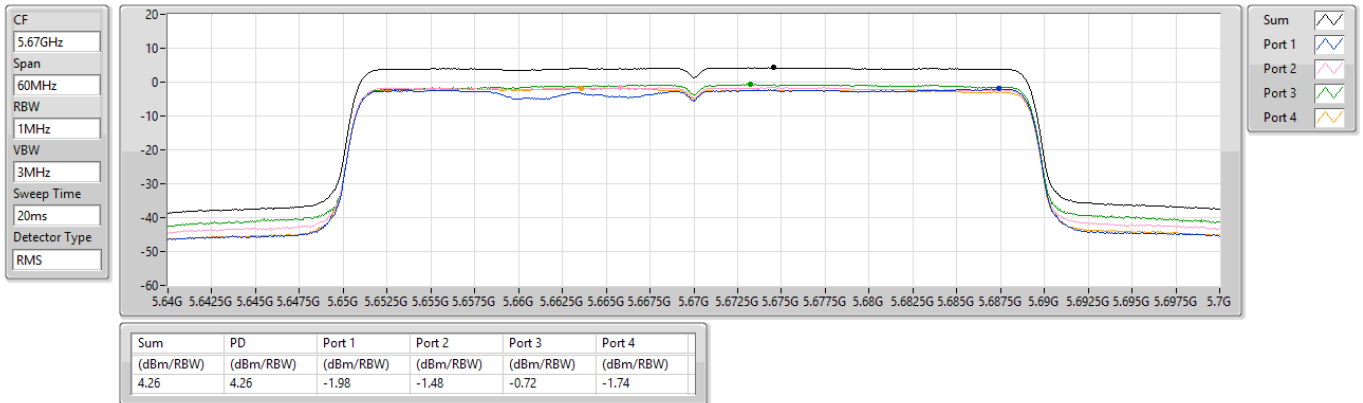




5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

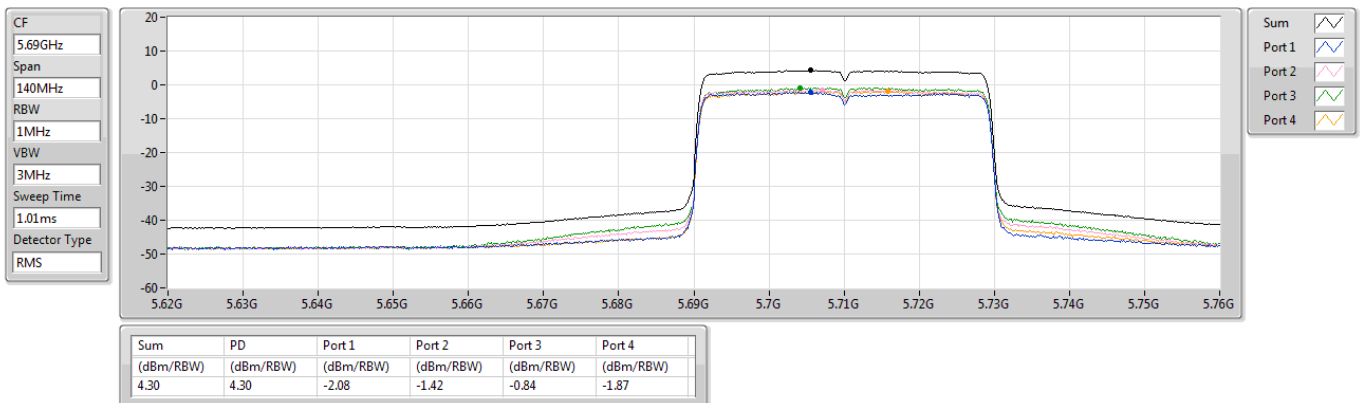
5670MHz



5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

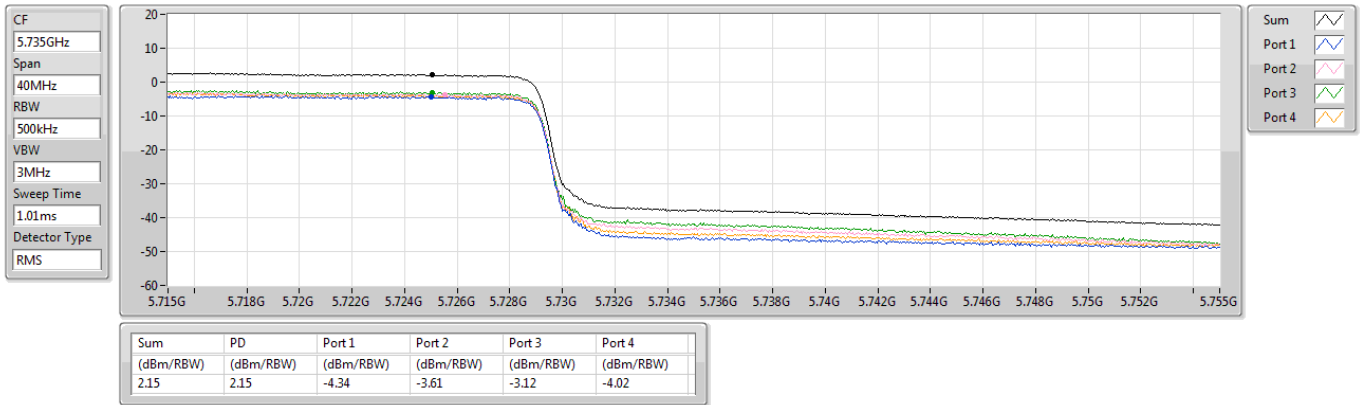
5710MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

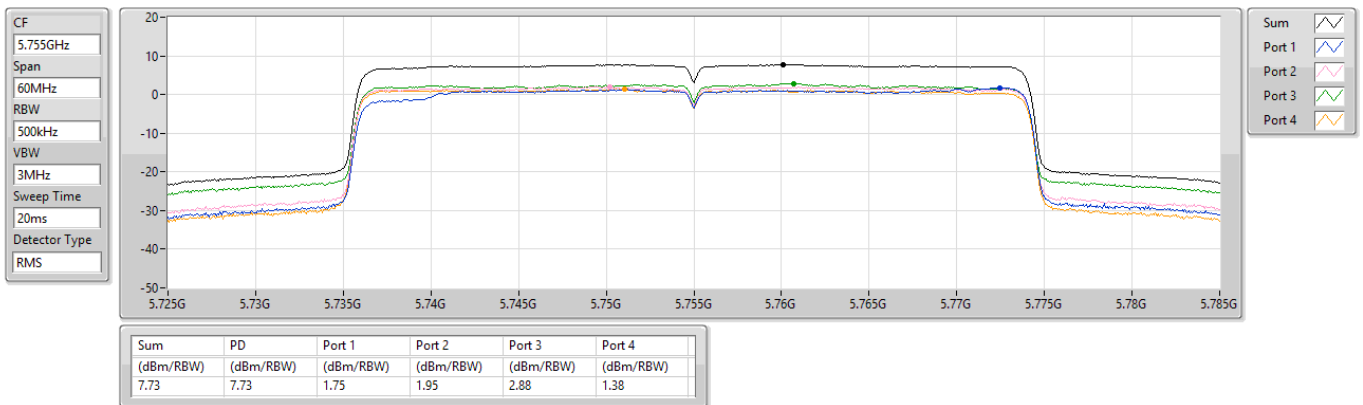
5710MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

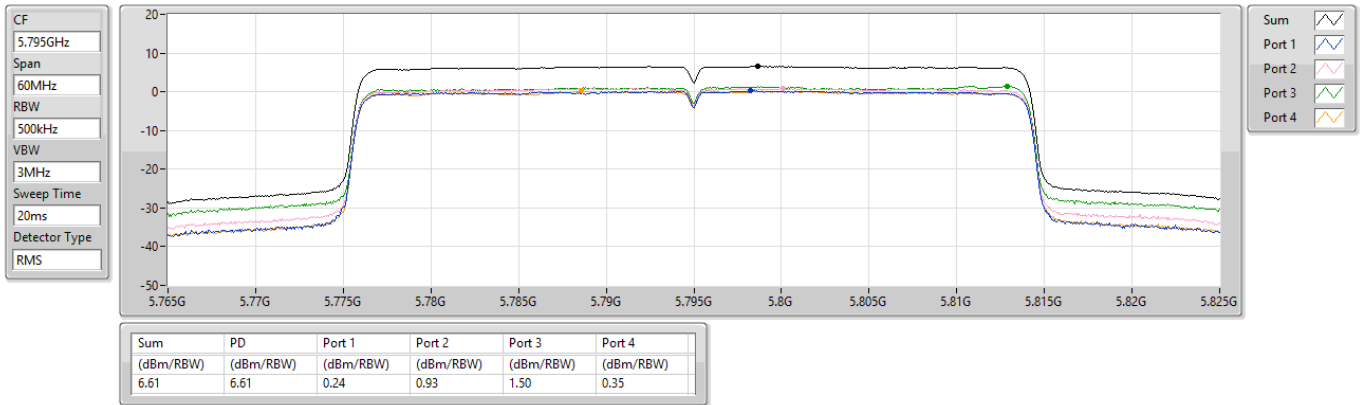
5755MHz



5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

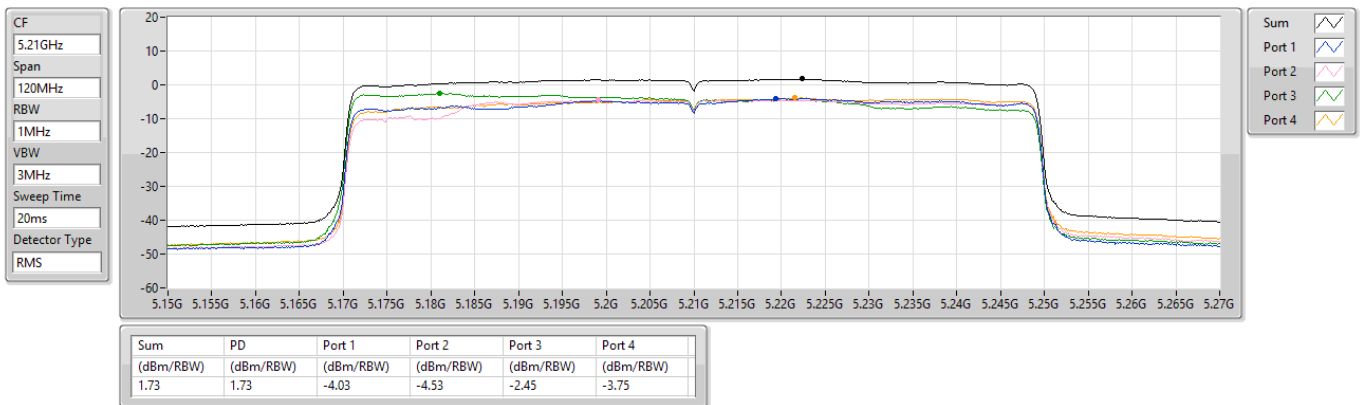
5795MHz



5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5210MHz

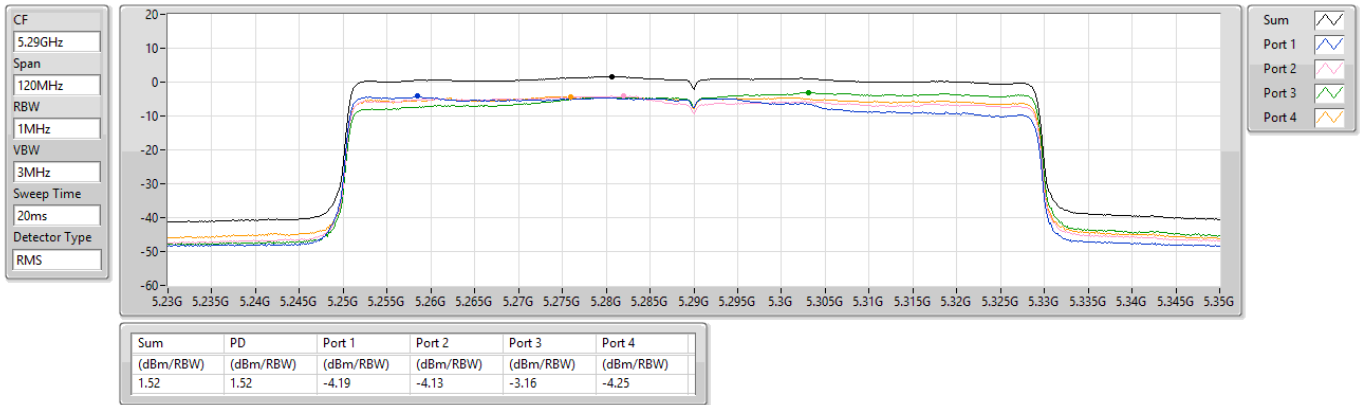




5.25-5.35GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

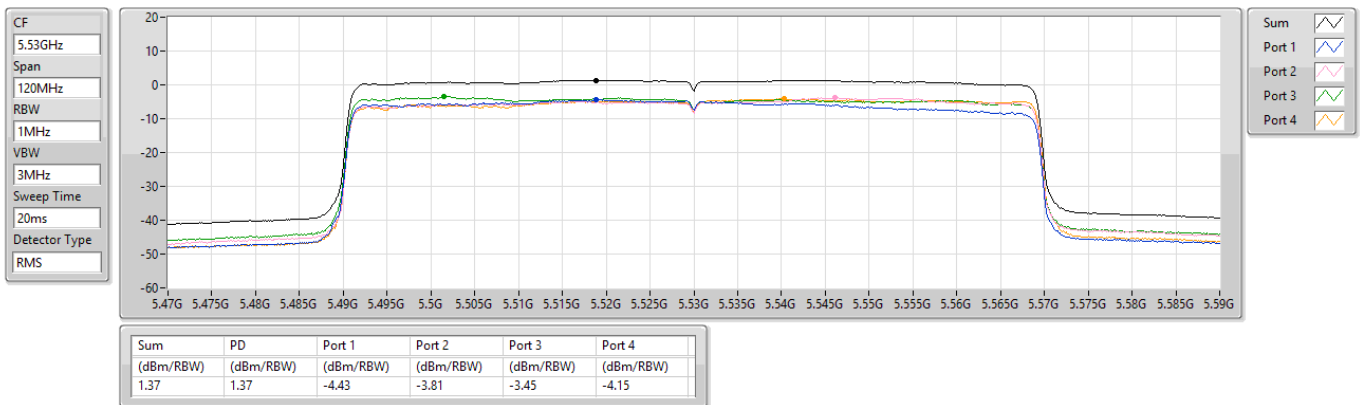
5290MHz



5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

5530MHz

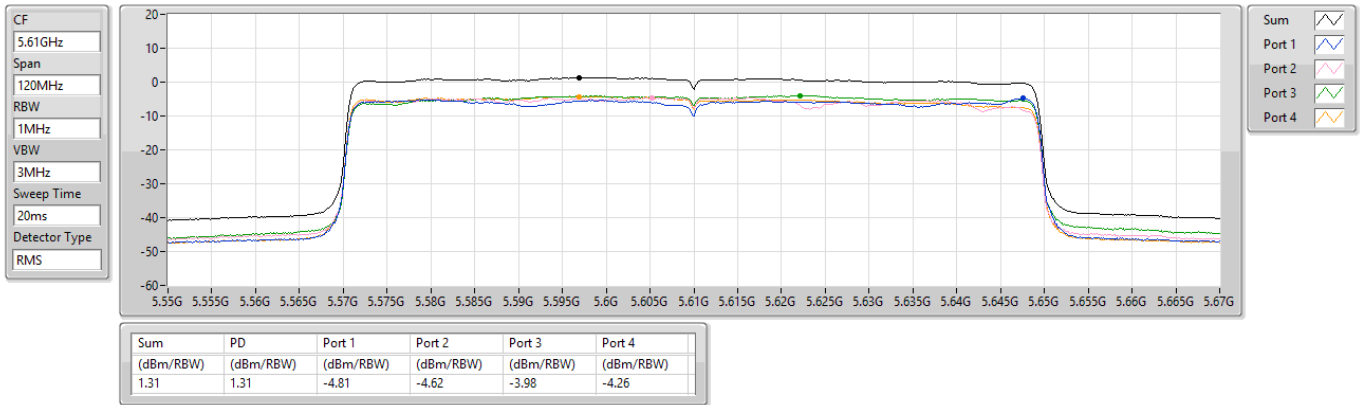




5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

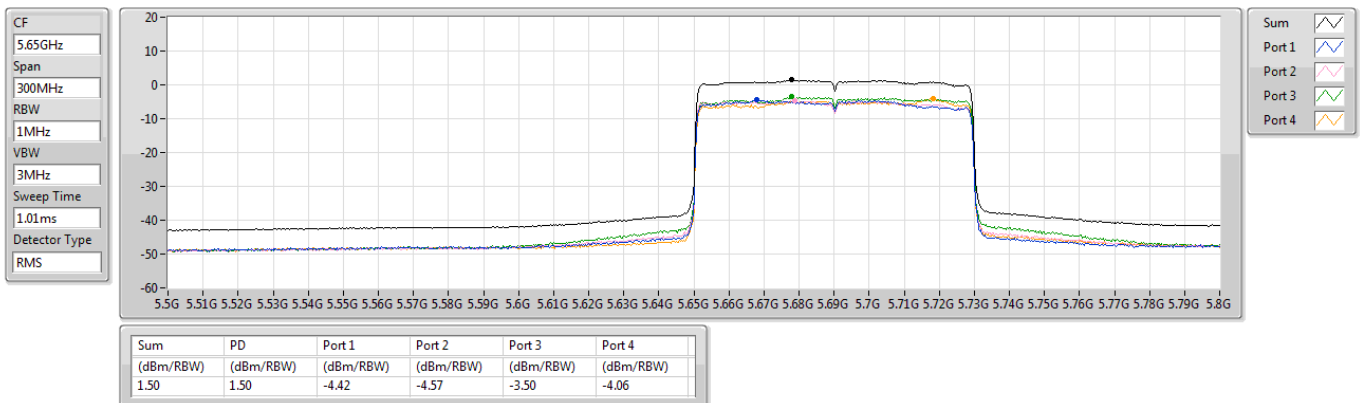
5610MHz



5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

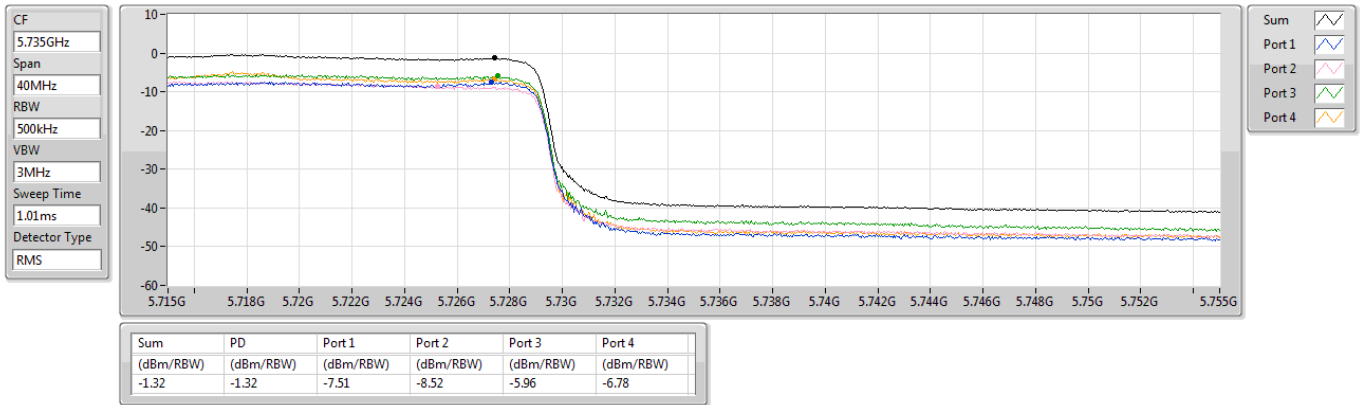
5690MHz Straddle 5.47-5.725GHz



5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

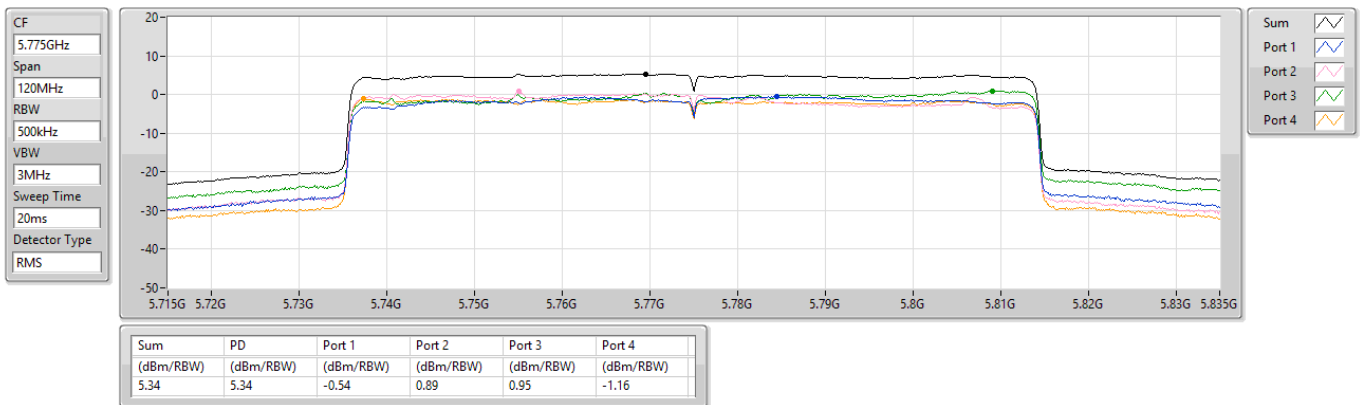
5690MHz Straddle 5.725-5.85GHz



5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

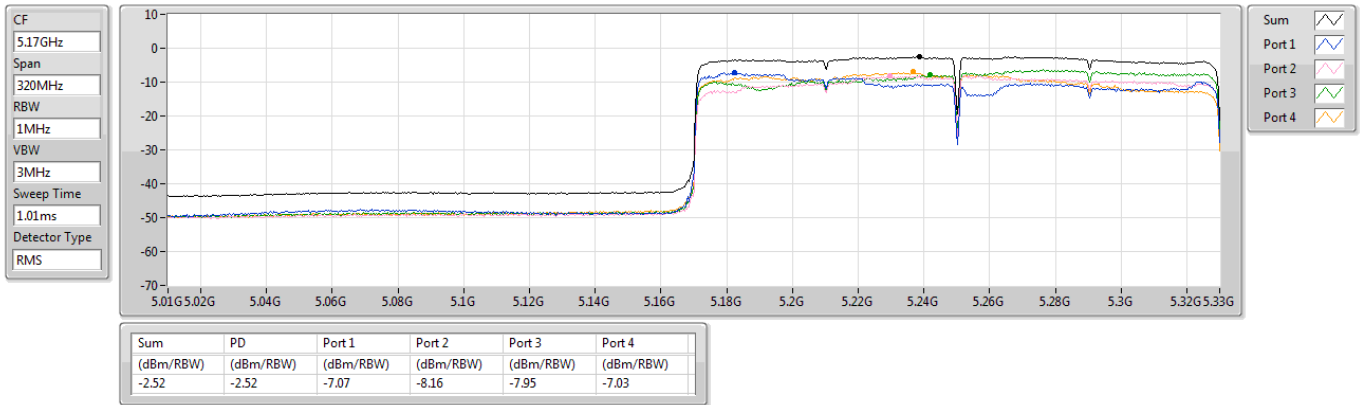
5775MHz



5.15-5.25GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

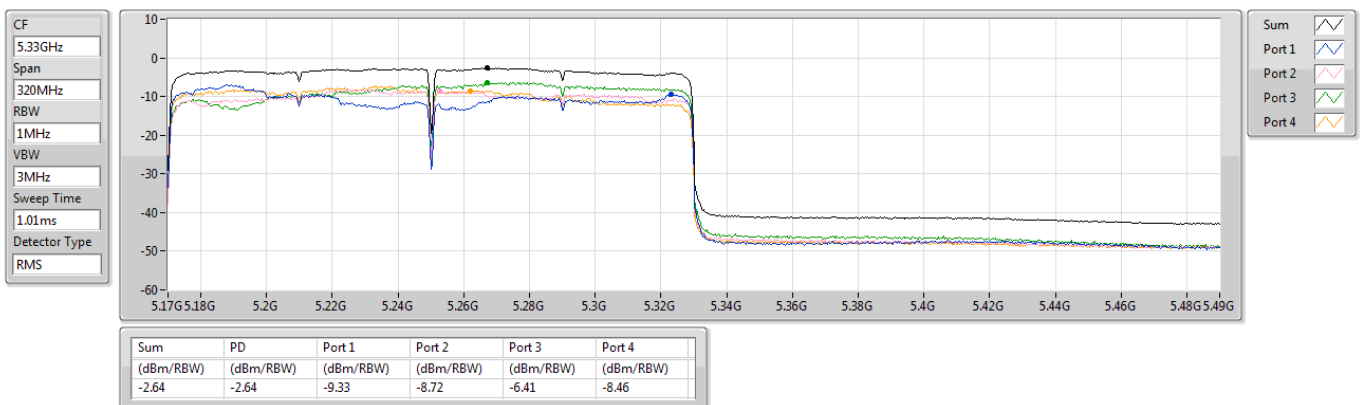
5250MHz Straddle 5.15-5.25GHz



5.25-5.35GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz



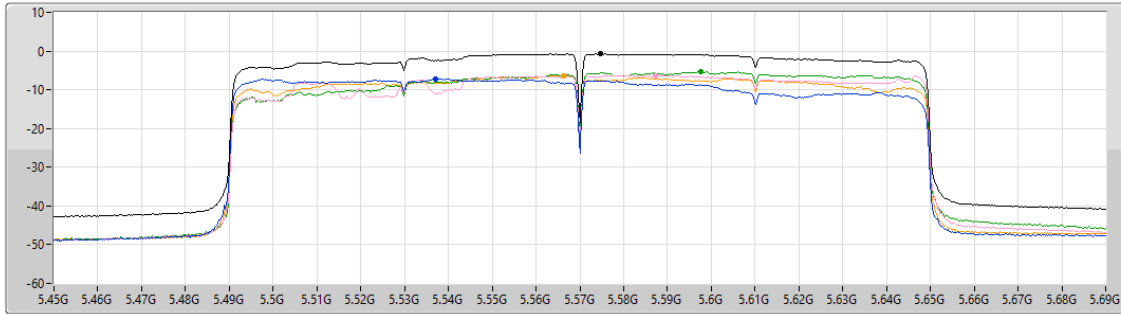


5.47-5.725GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz

CF
5.57GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.75	-0.75	-7.26	-6.31	-5.25	-6.36

**Non-beamforming mode****Unwanted Emissions (Below 1GHz)**

Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5230
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):22 Humidity(%):64			
Level (dBUV/m) </			



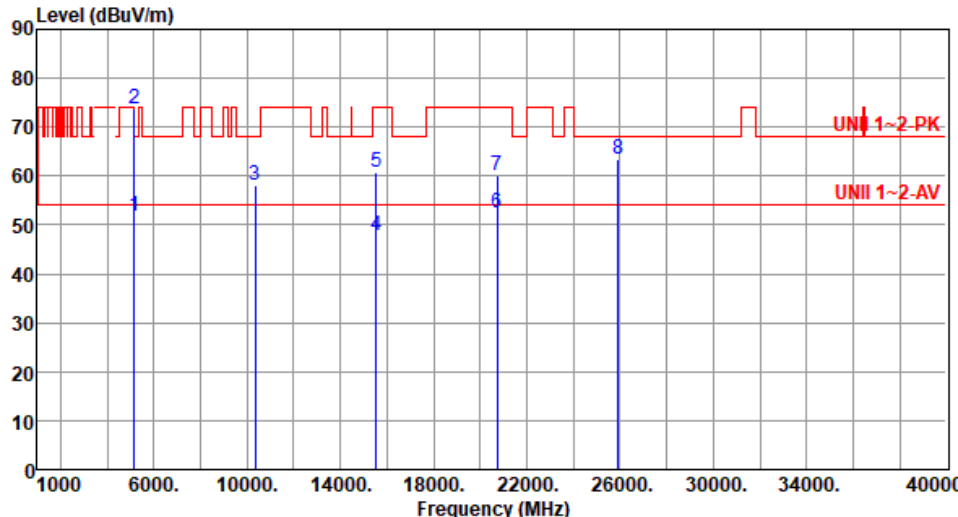
Modulation	ax HE40-OFDMA	Test Freq. (MHz)	5230
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):22 Humidity(%):64			
Level (dBUV/m)			

Page No. : 3 of 92



Modulation	ax HE40-OFDMA		Test Freq. (MHz)		5795																																																																							
Polarization	Vertical																																																																											
Test By :Sean Yu Temperature(°C):22 Humidity(%):64																																																																												
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>43.58</td><td>35.70</td><td>40.00</td><td>-4.30</td><td>44.51</td><td>-8.81</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>59.10</td><td>32.03</td><td>40.00</td><td>-7.97</td><td>41.15</td><td>-9.12</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>89.17</td><td>27.94</td><td>43.50</td><td>-15.56</td><td>42.52</td><td>-14.58</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>459.71</td><td>31.42</td><td>46.00</td><td>-14.58</td><td>34.56</td><td>-3.14</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>846.74</td><td>35.86</td><td>46.00</td><td>-10.14</td><td>30.98</td><td>4.88</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>1000.00</td><td>43.78</td><td>54.00</td><td>-10.22</td><td>37.02</td><td>6.76</td><td>Peak</td><td>---</td><td>---</td></tr></table>								Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	43.58	35.70	40.00	-4.30	44.51	-8.81	Peak	---	---	2	59.10	32.03	40.00	-7.97	41.15	-9.12	Peak	---	---	3	89.17	27.94	43.50	-15.56	42.52	-14.58	Peak	---	---	4	459.71	31.42	46.00	-14.58	34.56	-3.14	Peak	---	---	5	846.74	35.86	46.00	-10.14	30.98	4.88	Peak	---	---	6	1000.00	43.78	54.00	-10.22	37.02	6.76	Peak	---	---
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																			
1	43.58	35.70	40.00	-4.30	44.51	-8.81	Peak	---	---																																																																			
2	59.10	32.03	40.00	-7.97	41.15	-9.12	Peak	---	---																																																																			
3	89.17	27.94	43.50	-15.56	42.52	-14.58	Peak	---	---																																																																			
4	459.71	31.42	46.00	-14.58	34.56	-3.14	Peak	---	---																																																																			
5	846.74	35.86	46.00	-10.14	30.98	4.88	Peak	---	---																																																																			
6	1000.00	43.78	54.00	-10.22	37.02	6.76	Peak	---	---																																																																			
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m). Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.																																																																												

Unwanted Emissions (Above 1GHz) for 11a

Modulation	11a	Test Freq. (MHz)	5180						
Polarization	Horizontal								
Test By :Sean Yu Temperature(°C):24 Humidity(%):62									
Level (dBuV/m)  Frequency (MHz)									
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level			reading			High	Table
		dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg
1	5150.00	51.66	54.00	-2.34	50.84	0.82	Average	219	261
2	5150.00	73.66	74.00	-0.34	72.84	0.82	Peak	219	261
3	10360.00	58.07	68.20	-10.13	49.58	8.49	Peak	121	45
4	15540.00	47.71	54.00	-6.29	41.73	5.98	Average	100	38
5	15540.00	60.86	74.00	-13.14	54.88	5.98	Peak	100	38
6	20720.00	52.50	54.00	-1.50	49.16	3.34	Average	125	27
7	20720.00	60.27	74.00	-13.73	56.93	3.34	Peak	125	27
8	25900.00	63.54	68.20	-4.66	55.33	8.21	Peak	125	69

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	11a	Test Freq. (MHz)	5180																																																																																										
Polarization	Vertical																																																																																												
Test By :Sean Yu Temperature(°C):24 Humidity(%):62																																																																																													
Level (dBuV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5150.00</td><td>51.93</td><td>54.00</td><td>-2.07</td><td>51.11</td><td>0.82</td><td>Average</td><td>208</td><td>139</td></tr><tr><td>2</td><td>5150.00</td><td>73.89</td><td>74.00</td><td>-0.11</td><td>73.07</td><td>0.82</td><td>Peak</td><td>208</td><td>139</td></tr><tr><td>3</td><td>10360.00</td><td>57.15</td><td>68.20</td><td>-11.05</td><td>48.66</td><td>8.49</td><td>Peak</td><td>100</td><td>122</td></tr><tr><td>4</td><td>15540.00</td><td>47.64</td><td>54.00</td><td>-6.36</td><td>41.66</td><td>5.98</td><td>Average</td><td>125</td><td>89</td></tr><tr><td>5</td><td>15540.00</td><td>61.46</td><td>74.00</td><td>-12.54</td><td>55.48</td><td>5.98</td><td>Peak</td><td>125</td><td>89</td></tr><tr><td>6</td><td>20720.00</td><td>45.81</td><td>54.00</td><td>-8.19</td><td>42.47</td><td>3.34</td><td>Average</td><td>100</td><td>73</td></tr><tr><td>7</td><td>20720.00</td><td>55.00</td><td>74.00</td><td>-19.00</td><td>51.66</td><td>3.34</td><td>Peak</td><td>100</td><td>73</td></tr><tr><td>8</td><td>25900.00</td><td>56.44</td><td>68.20</td><td>-11.76</td><td>48.23</td><td>8.21</td><td>Peak</td><td>100</td><td>22</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	51.93	54.00	-2.07	51.11	0.82	Average	208	139	2	5150.00	73.89	74.00	-0.11	73.07	0.82	Peak	208	139	3	10360.00	57.15	68.20	-11.05	48.66	8.49	Peak	100	122	4	15540.00	47.64	54.00	-6.36	41.66	5.98	Average	125	89	5	15540.00	61.46	74.00	-12.54	55.48	5.98	Peak	125	89	6	20720.00	45.81	54.00	-8.19	42.47	3.34	Average	100	73	7	20720.00	55.00	74.00	-19.00	51.66	3.34	Peak	100	73	8	25900.00	56.44	68.20	-11.76	48.23	8.21	Peak	100	22
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																				
1	5150.00	51.93	54.00	-2.07	51.11	0.82	Average	208	139																																																																																				
2	5150.00	73.89	74.00	-0.11	73.07	0.82	Peak	208	139																																																																																				
3	10360.00	57.15	68.20	-11.05	48.66	8.49	Peak	100	122																																																																																				
4	15540.00	47.64	54.00	-6.36	41.66	5.98	Average	125	89																																																																																				
5	15540.00	61.46	74.00	-12.54	55.48	5.98	Peak	125	89																																																																																				
6	20720.00	45.81	54.00	-8.19	42.47	3.34	Average	100	73																																																																																				
7	20720.00	55.00	74.00	-19.00	51.66	3.34	Peak	100	73																																																																																				
8	25900.00	56.44	68.20	-11.76	48.23	8.21	Peak	100	22																																																																																				
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																																																													



Modulation	11a	Test Freq. (MHz)	5200																																																																																																														
Polarization	Horizontal																																																																																																																
Test By :Brad Wu Temperature(°C):24 Humidity(%):62																																																																																																																	
Level (dBUV/m) Level (dBUV/m) Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5150.00</td><td>47.98</td><td>54.00</td><td>-6.02</td><td>47.16</td><td>0.82</td><td>Average</td><td>233</td><td>245</td></tr><tr><td>2</td><td>5150.00</td><td>67.84</td><td>74.00</td><td>-6.16</td><td>67.02</td><td>0.82</td><td>Peak</td><td>233</td><td>245</td></tr><tr><td>3</td><td>5350.00</td><td>45.18</td><td>54.00</td><td>-8.82</td><td>45.04</td><td>0.14</td><td>Average</td><td>233</td><td>245</td></tr><tr><td>4</td><td>5350.00</td><td>59.03</td><td>74.00</td><td>-14.97</td><td>58.89</td><td>0.14</td><td>Peak</td><td>233</td><td>245</td></tr><tr><td>5</td><td>10400.00</td><td>59.51</td><td>68.20</td><td>-8.69</td><td>50.87</td><td>8.64</td><td>Peak</td><td>100</td><td>48</td></tr><tr><td>6</td><td>15600.00</td><td>50.86</td><td>54.00</td><td>-3.14</td><td>45.11</td><td>5.75</td><td>Average</td><td>103</td><td>40</td></tr><tr><td>7</td><td>15600.00</td><td>64.28</td><td>74.00</td><td>-9.72</td><td>58.53</td><td>5.75</td><td>Peak</td><td>103</td><td>40</td></tr><tr><td>8</td><td>20800.00</td><td>53.85</td><td>54.00</td><td>-0.15</td><td>50.38</td><td>3.47</td><td>Average</td><td>131</td><td>30</td></tr><tr><td>9</td><td>20800.00</td><td>60.88</td><td>74.00</td><td>-13.12</td><td>57.41</td><td>3.47</td><td>Peak</td><td>131</td><td>30</td></tr><tr><td>10</td><td>26000.00</td><td>64.14</td><td>68.20</td><td>-4.06</td><td>55.91</td><td>8.23</td><td>Peak</td><td>128</td><td>69</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	47.98	54.00	-6.02	47.16	0.82	Average	233	245	2	5150.00	67.84	74.00	-6.16	67.02	0.82	Peak	233	245	3	5350.00	45.18	54.00	-8.82	45.04	0.14	Average	233	245	4	5350.00	59.03	74.00	-14.97	58.89	0.14	Peak	233	245	5	10400.00	59.51	68.20	-8.69	50.87	8.64	Peak	100	48	6	15600.00	50.86	54.00	-3.14	45.11	5.75	Average	103	40	7	15600.00	64.28	74.00	-9.72	58.53	5.75	Peak	103	40	8	20800.00	53.85	54.00	-0.15	50.38	3.47	Average	131	30	9	20800.00	60.88	74.00	-13.12	57.41	3.47	Peak	131	30	10	26000.00	64.14	68.20	-4.06	55.91	8.23	Peak	128	69
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																																								
1	5150.00	47.98	54.00	-6.02	47.16	0.82	Average	233	245																																																																																																								
2	5150.00	67.84	74.00	-6.16	67.02	0.82	Peak	233	245																																																																																																								
3	5350.00	45.18	54.00	-8.82	45.04	0.14	Average	233	245																																																																																																								
4	5350.00	59.03	74.00	-14.97	58.89	0.14	Peak	233	245																																																																																																								
5	10400.00	59.51	68.20	-8.69	50.87	8.64	Peak	100	48																																																																																																								
6	15600.00	50.86	54.00	-3.14	45.11	5.75	Average	103	40																																																																																																								
7	15600.00	64.28	74.00	-9.72	58.53	5.75	Peak	103	40																																																																																																								
8	20800.00	53.85	54.00	-0.15	50.38	3.47	Average	131	30																																																																																																								
9	20800.00	60.88	74.00	-13.12	57.41	3.47	Peak	131	30																																																																																																								
10	26000.00	64.14	68.20	-4.06	55.91	8.23	Peak	128	69																																																																																																								
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																																																	



Modulation	11a	Test Freq. (MHz)	5200
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):24 Humidity(%):62			
Level (dBUV/m)			



Modulation	11a	Test Freq. (MHz)	5240																																																																																																														
Polarization	Horizontal																																																																																																																
Test By :Brad Wu Temperature(°C):24 Humidity(%):62																																																																																																																	
Level (dBUV/m) Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5150.00</td><td>47.81</td><td>54.00</td><td>-6.19</td><td>46.99</td><td>0.82</td><td>Average</td><td>231</td><td>246</td></tr><tr><td>2</td><td>5150.00</td><td>65.45</td><td>74.00</td><td>-8.55</td><td>64.63</td><td>0.82</td><td>Peak</td><td>231</td><td>246</td></tr><tr><td>3</td><td>5350.00</td><td>45.24</td><td>54.00</td><td>-8.76</td><td>45.10</td><td>0.14</td><td>Average</td><td>231</td><td>246</td></tr><tr><td>4</td><td>5350.00</td><td>59.11</td><td>74.00</td><td>-14.89</td><td>58.97</td><td>0.14</td><td>Peak</td><td>231</td><td>246</td></tr><tr><td>5</td><td>10480.00</td><td>59.62</td><td>68.20</td><td>-8.58</td><td>50.93</td><td>8.69</td><td>Peak</td><td>100</td><td>51</td></tr><tr><td>6</td><td>15720.00</td><td>50.75</td><td>54.00</td><td>-3.25</td><td>45.03</td><td>5.72</td><td>Average</td><td>100</td><td>42</td></tr><tr><td>7</td><td>15720.00</td><td>64.21</td><td>74.00</td><td>-9.79</td><td>58.49</td><td>5.72</td><td>Peak</td><td>100</td><td>42</td></tr><tr><td>8</td><td>20960.00</td><td>53.83</td><td>54.00</td><td>-0.17</td><td>50.02</td><td>3.81</td><td>Average</td><td>127</td><td>32</td></tr><tr><td>9</td><td>20960.00</td><td>61.50</td><td>74.00</td><td>-12.50</td><td>57.69</td><td>3.81</td><td>Peak</td><td>127</td><td>32</td></tr><tr><td>10</td><td>26200.00</td><td>65.59</td><td>68.20</td><td>-2.61</td><td>57.16</td><td>8.43</td><td>Peak</td><td>129</td><td>69</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	47.81	54.00	-6.19	46.99	0.82	Average	231	246	2	5150.00	65.45	74.00	-8.55	64.63	0.82	Peak	231	246	3	5350.00	45.24	54.00	-8.76	45.10	0.14	Average	231	246	4	5350.00	59.11	74.00	-14.89	58.97	0.14	Peak	231	246	5	10480.00	59.62	68.20	-8.58	50.93	8.69	Peak	100	51	6	15720.00	50.75	54.00	-3.25	45.03	5.72	Average	100	42	7	15720.00	64.21	74.00	-9.79	58.49	5.72	Peak	100	42	8	20960.00	53.83	54.00	-0.17	50.02	3.81	Average	127	32	9	20960.00	61.50	74.00	-12.50	57.69	3.81	Peak	127	32	10	26200.00	65.59	68.20	-2.61	57.16	8.43	Peak	129	69
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																																								
1	5150.00	47.81	54.00	-6.19	46.99	0.82	Average	231	246																																																																																																								
2	5150.00	65.45	74.00	-8.55	64.63	0.82	Peak	231	246																																																																																																								
3	5350.00	45.24	54.00	-8.76	45.10	0.14	Average	231	246																																																																																																								
4	5350.00	59.11	74.00	-14.89	58.97	0.14	Peak	231	246																																																																																																								
5	10480.00	59.62	68.20	-8.58	50.93	8.69	Peak	100	51																																																																																																								
6	15720.00	50.75	54.00	-3.25	45.03	5.72	Average	100	42																																																																																																								
7	15720.00	64.21	74.00	-9.79	58.49	5.72	Peak	100	42																																																																																																								
8	20960.00	53.83	54.00	-0.17	50.02	3.81	Average	127	32																																																																																																								
9	20960.00	61.50	74.00	-12.50	57.69	3.81	Peak	127	32																																																																																																								
10	26200.00	65.59	68.20	-2.61	57.16	8.43	Peak	129	69																																																																																																								
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																																																	



Modulation	11a	Test Freq. (MHz)	5240
Polarization	Vertical		
Test By :Brad Wu Temperature(°C):24 Humidity(%):62			
Level (dBUV/m) <			

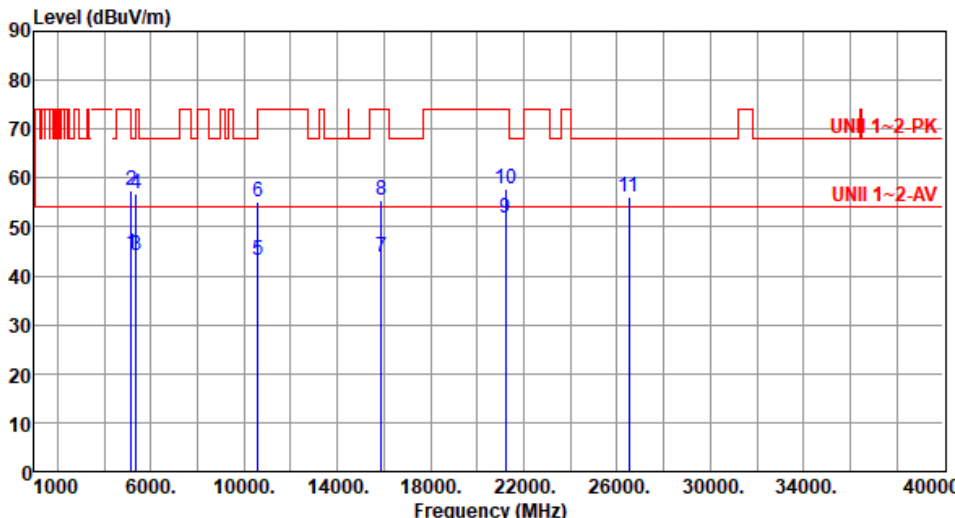


Modulation	11a	Test Freq. (MHz)	5260																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Sean Yu Temperature(°C):24 Humidity(%):62																																																																																																							
Level (dBUV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5150.00</td><td>44.13</td><td>54.00</td><td>-9.87</td><td>43.31</td><td>0.82</td><td>Average</td><td>235</td><td>245</td></tr><tr><td>2</td><td>5150.00</td><td>56.32</td><td>74.00</td><td>-17.68</td><td>55.50</td><td>0.82</td><td>Peak</td><td>235</td><td>245</td></tr><tr><td>3</td><td>5350.00</td><td>43.82</td><td>54.00</td><td>-10.18</td><td>43.68</td><td>0.14</td><td>Average</td><td>235</td><td>245</td></tr><tr><td>4</td><td>5350.00</td><td>55.42</td><td>74.00</td><td>-18.58</td><td>55.28</td><td>0.14</td><td>Peak</td><td>235</td><td>245</td></tr><tr><td>5</td><td>10520.00</td><td>55.12</td><td>68.20</td><td>-13.08</td><td>46.40</td><td>8.72</td><td>Peak</td><td>100</td><td>115</td></tr><tr><td>6</td><td>15780.00</td><td>43.31</td><td>54.00</td><td>-10.69</td><td>37.64</td><td>5.67</td><td>Average</td><td>100</td><td>227</td></tr><tr><td>7</td><td>15780.00</td><td>55.34</td><td>74.00</td><td>-18.66</td><td>49.67</td><td>5.67</td><td>Peak</td><td>100</td><td>227</td></tr><tr><td>8</td><td>21040.00</td><td>52.76</td><td>54.00</td><td>-1.24</td><td>48.82</td><td>3.94</td><td>Average</td><td>121</td><td>29</td></tr><tr><td>9</td><td>21040.00</td><td>58.31</td><td>74.00</td><td>-15.69</td><td>54.37</td><td>3.94</td><td>Peak</td><td>121</td><td>29</td></tr></tbody></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	44.13	54.00	-9.87	43.31	0.82	Average	235	245	2	5150.00	56.32	74.00	-17.68	55.50	0.82	Peak	235	245	3	5350.00	43.82	54.00	-10.18	43.68	0.14	Average	235	245	4	5350.00	55.42	74.00	-18.58	55.28	0.14	Peak	235	245	5	10520.00	55.12	68.20	-13.08	46.40	8.72	Peak	100	115	6	15780.00	43.31	54.00	-10.69	37.64	5.67	Average	100	227	7	15780.00	55.34	74.00	-18.66	49.67	5.67	Peak	100	227	8	21040.00	52.76	54.00	-1.24	48.82	3.94	Average	121	29	9	21040.00	58.31	74.00	-15.69	54.37	3.94	Peak	121	29
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
1	5150.00	44.13	54.00	-9.87	43.31	0.82	Average	235	245																																																																																														
2	5150.00	56.32	74.00	-17.68	55.50	0.82	Peak	235	245																																																																																														
3	5350.00	43.82	54.00	-10.18	43.68	0.14	Average	235	245																																																																																														
4	5350.00	55.42	74.00	-18.58	55.28	0.14	Peak	235	245																																																																																														
5	10520.00	55.12	68.20	-13.08	46.40	8.72	Peak	100	115																																																																																														
6	15780.00	43.31	54.00	-10.69	37.64	5.67	Average	100	227																																																																																														
7	15780.00	55.34	74.00	-18.66	49.67	5.67	Peak	100	227																																																																																														
8	21040.00	52.76	54.00	-1.24	48.82	3.94	Average	121	29																																																																																														
9	21040.00	58.31	74.00	-15.69	54.37	3.94	Peak	121	29																																																																																														
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																																							



Modulation	11a		Test Freq. (MHz)		5260		
Polarization	Vertical						
Test By		:Sean Yu		Temperature(°C):24		Humidity(%):62	
Level (dBUV/m)							

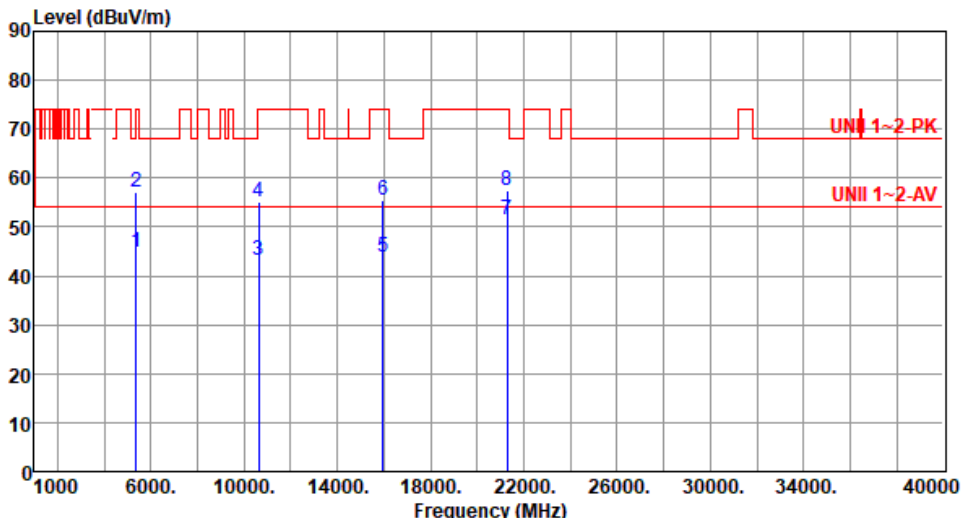


Modulation	11a	Test Freq. (MHz)	5300																																																																																																																								
Polarization	Horizontal																																																																																																																										
Test By :Sean Yu Temperature(°C):24 Humidity(%):62																																																																																																																											
																																																																																																																											
	<table><tr><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5150.00</td><td>44.50</td><td>54.00</td><td>-9.50</td><td>43.68</td><td>0.82</td><td>Average</td><td>228</td><td>247</td></tr><tr><td>2</td><td>5150.00</td><td>57.30</td><td>74.00</td><td>-16.70</td><td>56.48</td><td>0.82</td><td>Peak</td><td>228</td><td>247</td></tr><tr><td>3</td><td>5350.00</td><td>44.17</td><td>54.00</td><td>-9.83</td><td>44.03</td><td>0.14</td><td>Average</td><td>228</td><td>247</td></tr><tr><td>4</td><td>5350.00</td><td>56.78</td><td>74.00</td><td>-17.22</td><td>56.64</td><td>0.14</td><td>Peak</td><td>228</td><td>247</td></tr><tr><td>5</td><td>10600.00</td><td>43.07</td><td>54.00</td><td>-10.93</td><td>34.27</td><td>8.80</td><td>Average</td><td>100</td><td>128</td></tr><tr><td>6</td><td>10600.00</td><td>55.13</td><td>74.00</td><td>-18.87</td><td>46.33</td><td>8.80</td><td>Peak</td><td>100</td><td>128</td></tr><tr><td>7</td><td>15900.00</td><td>43.71</td><td>54.00</td><td>-10.29</td><td>38.07</td><td>5.64</td><td>Average</td><td>100</td><td>223</td></tr><tr><td>8</td><td>15900.00</td><td>55.50</td><td>74.00</td><td>-18.50</td><td>49.86</td><td>5.64</td><td>Peak</td><td>100</td><td>223</td></tr><tr><td>9</td><td>21200.00</td><td>51.86</td><td>54.00</td><td>-2.14</td><td>47.77</td><td>4.09</td><td>Average</td><td>133</td><td>30</td></tr><tr><td>10</td><td>21200.00</td><td>57.87</td><td>74.00</td><td>-16.13</td><td>53.78</td><td>4.09</td><td>Peak</td><td>133</td><td>30</td></tr><tr><td>11</td><td>26500.00</td><td>56.28</td><td>68.20</td><td>-11.92</td><td>47.26</td><td>9.02</td><td>Peak</td><td>100</td><td>221</td></tr></table>	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	44.50	54.00	-9.50	43.68	0.82	Average	228	247	2	5150.00	57.30	74.00	-16.70	56.48	0.82	Peak	228	247	3	5350.00	44.17	54.00	-9.83	44.03	0.14	Average	228	247	4	5350.00	56.78	74.00	-17.22	56.64	0.14	Peak	228	247	5	10600.00	43.07	54.00	-10.93	34.27	8.80	Average	100	128	6	10600.00	55.13	74.00	-18.87	46.33	8.80	Peak	100	128	7	15900.00	43.71	54.00	-10.29	38.07	5.64	Average	100	223	8	15900.00	55.50	74.00	-18.50	49.86	5.64	Peak	100	223	9	21200.00	51.86	54.00	-2.14	47.77	4.09	Average	133	30	10	21200.00	57.87	74.00	-16.13	53.78	4.09	Peak	133	30	11	26500.00	56.28	68.20	-11.92	47.26	9.02	Peak	100	221			
Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																																																			
1	5150.00	44.50	54.00	-9.50	43.68	0.82	Average	228	247																																																																																																																		
2	5150.00	57.30	74.00	-16.70	56.48	0.82	Peak	228	247																																																																																																																		
3	5350.00	44.17	54.00	-9.83	44.03	0.14	Average	228	247																																																																																																																		
4	5350.00	56.78	74.00	-17.22	56.64	0.14	Peak	228	247																																																																																																																		
5	10600.00	43.07	54.00	-10.93	34.27	8.80	Average	100	128																																																																																																																		
6	10600.00	55.13	74.00	-18.87	46.33	8.80	Peak	100	128																																																																																																																		
7	15900.00	43.71	54.00	-10.29	38.07	5.64	Average	100	223																																																																																																																		
8	15900.00	55.50	74.00	-18.50	49.86	5.64	Peak	100	223																																																																																																																		
9	21200.00	51.86	54.00	-2.14	47.77	4.09	Average	133	30																																																																																																																		
10	21200.00	57.87	74.00	-16.13	53.78	4.09	Peak	133	30																																																																																																																		
11	26500.00	56.28	68.20	-11.92	47.26	9.02	Peak	100	221																																																																																																																		
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																																																											



Modulation	11a	Test Freq. (MHz)	5300
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):24 Humidity(%):62			
Level (dBUV/m)			



Modulation	11a	Test Freq. (MHz)	5320						
Polarization	Horizontal								
Test By :Sean Yu Temperature(°C):24 Humidity(%):62									
Level (dBuV/m)  Frequency (MHz)									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	44.68	54.00	-9.32	44.54	0.14	Average	229	246
2	5350.00	57.26	74.00	-16.74	57.12	0.14	Peak	229	246
3	10640.00	43.13	54.00	-10.87	34.33	8.80	Average	100	142
4	10640.00	55.27	74.00	-18.73	46.47	8.80	Peak	100	142
5	15960.00	43.77	54.00	-10.23	38.12	5.65	Average	100	209
6	15960.00	55.53	74.00	-18.47	49.88	5.65	Peak	100	209
7	21280.00	51.32	54.00	-2.68	47.14	4.18	Average	126	16
8	21280.00	57.31	74.00	-16.69	53.13	4.18	Peak	126	16

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	11a	Test Freq. (MHz)	5320
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):24 Humidity(%):62			
Level (dBuV/m)			



Modulation	11a	Test Freq. (MHz)	5500
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):24 Humidity(%):62			
Level (dBuV/m) </			



Modulation	11a	Test Freq. (MHz)	5500																																																																																
Polarization	Vertical																																																																																		
Test By :Sean Yu Temperature(°C):24 Humidity(%):62																																																																																			
Level (dBUV/m) UNI 1~2-PK UNII 1~2-AV Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5460.00</td><td>45.04</td><td>54.00</td><td>-8.96</td><td>44.46</td><td>0.58</td><td>Average</td><td>234</td><td>126</td></tr><tr><td>2</td><td>5460.00</td><td>57.58</td><td>74.00</td><td>-16.42</td><td>57.00</td><td>0.58</td><td>Peak</td><td>234</td><td>126</td></tr><tr><td>3</td><td>5470.00</td><td>58.65</td><td>68.20</td><td>-9.55</td><td>58.06</td><td>0.59</td><td>Peak</td><td>234</td><td>126</td></tr><tr><td>4</td><td>11000.00</td><td>43.76</td><td>54.00</td><td>-10.24</td><td>34.55</td><td>9.21</td><td>Average</td><td>100</td><td>113</td></tr><tr><td>5</td><td>11000.00</td><td>55.93</td><td>74.00</td><td>-18.07</td><td>46.72</td><td>9.21</td><td>Peak</td><td>100</td><td>113</td></tr><tr><td>6</td><td>16500.00</td><td>58.26</td><td>68.20</td><td>-9.94</td><td>51.27</td><td>6.99</td><td>Peak</td><td>100</td><td>193</td></tr><tr><td>7</td><td>22000.00</td><td>57.40</td><td>68.20</td><td>-10.80</td><td>52.38</td><td>5.02</td><td>Peak</td><td>258</td><td>83</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5460.00	45.04	54.00	-8.96	44.46	0.58	Average	234	126	2	5460.00	57.58	74.00	-16.42	57.00	0.58	Peak	234	126	3	5470.00	58.65	68.20	-9.55	58.06	0.59	Peak	234	126	4	11000.00	43.76	54.00	-10.24	34.55	9.21	Average	100	113	5	11000.00	55.93	74.00	-18.07	46.72	9.21	Peak	100	113	6	16500.00	58.26	68.20	-9.94	51.27	6.99	Peak	100	193	7	22000.00	57.40	68.20	-10.80	52.38	5.02	Peak	258	83
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
1	5460.00	45.04	54.00	-8.96	44.46	0.58	Average	234	126																																																																										
2	5460.00	57.58	74.00	-16.42	57.00	0.58	Peak	234	126																																																																										
3	5470.00	58.65	68.20	-9.55	58.06	0.59	Peak	234	126																																																																										
4	11000.00	43.76	54.00	-10.24	34.55	9.21	Average	100	113																																																																										
5	11000.00	55.93	74.00	-18.07	46.72	9.21	Peak	100	113																																																																										
6	16500.00	58.26	68.20	-9.94	51.27	6.99	Peak	100	193																																																																										
7	22000.00	57.40	68.20	-10.80	52.38	5.02	Peak	258	83																																																																										
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																			



Modulation	11a	Test Freq. (MHz)	5580
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):24 Humidity(%):62			
Level (dBUV/m)			



Modulation	11a		Test Freq. (MHz)		5580	
Polarization	Vertical					
Test By :Sean Yu Temperature(°C):24 Humidity(%):62						
Level (dBUV/m)						



Modulation	11a	Test Freq. (MHz)	5700																																																																						
Polarization	Horizontal																																																																								
Test By :Sean Yu Temperature(°C):24 Humidity(%):62																																																																									
<table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5725.00</td><td>60.23</td><td>68.20</td><td>-7.97</td><td>59.30</td><td>0.93</td><td>Peak</td><td>229</td><td>295</td></tr><tr><td>2</td><td>11400.00</td><td>43.07</td><td>54.00</td><td>-10.93</td><td>34.51</td><td>8.56</td><td>Average</td><td>100</td><td>146</td></tr><tr><td>3</td><td>11400.00</td><td>55.39</td><td>74.00</td><td>-18.61</td><td>46.83</td><td>8.56</td><td>Peak</td><td>100</td><td>146</td></tr><tr><td>4</td><td>17100.00</td><td>59.55</td><td>68.20</td><td>-8.65</td><td>53.13</td><td>6.42</td><td>Peak</td><td>180</td><td>34</td></tr><tr><td>5</td><td>22800.00</td><td>51.76</td><td>54.00</td><td>-2.24</td><td>45.19</td><td>6.57</td><td>Average</td><td>153</td><td>34</td></tr><tr><td>6</td><td>22800.00</td><td>59.37</td><td>74.00</td><td>-14.63</td><td>52.80</td><td>6.57</td><td>Peak</td><td>153</td><td>34</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5725.00	60.23	68.20	-7.97	59.30	0.93	Peak	229	295	2	11400.00	43.07	54.00	-10.93	34.51	8.56	Average	100	146	3	11400.00	55.39	74.00	-18.61	46.83	8.56	Peak	100	146	4	17100.00	59.55	68.20	-8.65	53.13	6.42	Peak	180	34	5	22800.00	51.76	54.00	-2.24	45.19	6.57	Average	153	34	6	22800.00	59.37	74.00	-14.63	52.80	6.57	Peak	153	34
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	5725.00	60.23	68.20	-7.97	59.30	0.93	Peak	229	295																																																																
2	11400.00	43.07	54.00	-10.93	34.51	8.56	Average	100	146																																																																
3	11400.00	55.39	74.00	-18.61	46.83	8.56	Peak	100	146																																																																
4	17100.00	59.55	68.20	-8.65	53.13	6.42	Peak	180	34																																																																
5	22800.00	51.76	54.00	-2.24	45.19	6.57	Average	153	34																																																																
6	22800.00	59.37	74.00	-14.63	52.80	6.57	Peak	153	34																																																																
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																																									

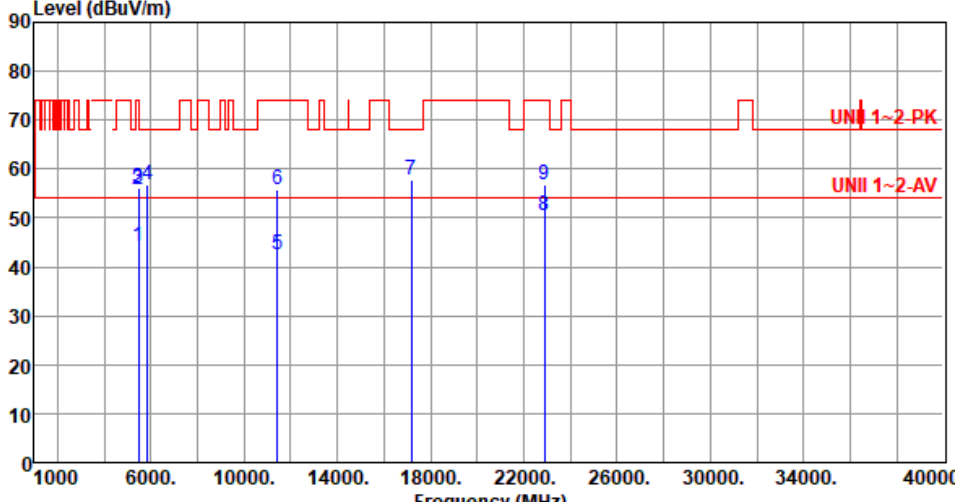


Modulation	11a	Test Freq. (MHz)	5700																																																																						
Polarization	Vertical																																																																								
Test By :Sean Yu Temperature(°C):24 Humidity(%):62																																																																									
<table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5725.00</td><td>60.64</td><td>68.20</td><td>-7.56</td><td>59.71</td><td>0.93</td><td>Peak</td><td>158</td><td>51</td></tr><tr><td>2</td><td>11400.00</td><td>43.07</td><td>54.00</td><td>-10.93</td><td>34.51</td><td>8.56</td><td>Average</td><td>100</td><td>134</td></tr><tr><td>3</td><td>11400.00</td><td>55.13</td><td>74.00</td><td>-18.87</td><td>46.57</td><td>8.56</td><td>Peak</td><td>100</td><td>134</td></tr><tr><td>4</td><td>17100.00</td><td>58.08</td><td>68.20</td><td>-10.12</td><td>51.66</td><td>6.42</td><td>Peak</td><td>100</td><td>223</td></tr><tr><td>5</td><td>22800.00</td><td>48.67</td><td>54.00</td><td>-5.33</td><td>42.10</td><td>6.57</td><td>Average</td><td>247</td><td>77</td></tr><tr><td>6</td><td>22800.00</td><td>54.57</td><td>74.00</td><td>-19.43</td><td>48.00</td><td>6.57</td><td>Peak</td><td>247</td><td>77</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5725.00	60.64	68.20	-7.56	59.71	0.93	Peak	158	51	2	11400.00	43.07	54.00	-10.93	34.51	8.56	Average	100	134	3	11400.00	55.13	74.00	-18.87	46.57	8.56	Peak	100	134	4	17100.00	58.08	68.20	-10.12	51.66	6.42	Peak	100	223	5	22800.00	48.67	54.00	-5.33	42.10	6.57	Average	247	77	6	22800.00	54.57	74.00	-19.43	48.00	6.57	Peak	247	77
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
1	5725.00	60.64	68.20	-7.56	59.71	0.93	Peak	158	51																																																																
2	11400.00	43.07	54.00	-10.93	34.51	8.56	Average	100	134																																																																
3	11400.00	55.13	74.00	-18.87	46.57	8.56	Peak	100	134																																																																
4	17100.00	58.08	68.20	-10.12	51.66	6.42	Peak	100	223																																																																
5	22800.00	48.67	54.00	-5.33	42.10	6.57	Average	247	77																																																																
6	22800.00	54.57	74.00	-19.43	48.00	6.57	Peak	247	77																																																																
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																																									



Modulation	11a	Test Freq. (MHz)	5720																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Sean Yu Temperature(°C):24 Humidity(%):62																																																																																																							
Level (dBUV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5460.00</td><td>43.91</td><td>54.00</td><td>-10.09</td><td>43.33</td><td>0.58</td><td>Average</td><td>228</td><td>294</td></tr><tr><td>2</td><td>5460.00</td><td>55.40</td><td>74.00</td><td>-18.60</td><td>54.82</td><td>0.58</td><td>Peak</td><td>228</td><td>294</td></tr><tr><td>3</td><td>5470.00</td><td>55.72</td><td>68.20</td><td>-12.48</td><td>55.13</td><td>0.59</td><td>Peak</td><td>228</td><td>294</td></tr><tr><td>4</td><td>5850.00</td><td>56.62</td><td>68.20</td><td>-11.58</td><td>55.38</td><td>1.24</td><td>Peak</td><td>228</td><td>294</td></tr><tr><td>5</td><td>11440.00</td><td>42.80</td><td>54.00</td><td>-11.20</td><td>34.18</td><td>8.62</td><td>Average</td><td>100</td><td>122</td></tr><tr><td>6</td><td>11440.00</td><td>54.77</td><td>74.00</td><td>-19.23</td><td>46.15</td><td>8.62</td><td>Peak</td><td>100</td><td>122</td></tr><tr><td>7</td><td>17160.00</td><td>60.76</td><td>68.20</td><td>-7.44</td><td>54.47</td><td>6.29</td><td>Peak</td><td>178</td><td>34</td></tr><tr><td>8</td><td>22880.00</td><td>52.50</td><td>54.00</td><td>-1.50</td><td>45.80</td><td>6.70</td><td>Average</td><td>157</td><td>31</td></tr><tr><td>9</td><td>22880.00</td><td>59.10</td><td>74.00</td><td>-14.90</td><td>52.40</td><td>6.70</td><td>Peak</td><td>157</td><td>31</td></tr></tbody></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5460.00	43.91	54.00	-10.09	43.33	0.58	Average	228	294	2	5460.00	55.40	74.00	-18.60	54.82	0.58	Peak	228	294	3	5470.00	55.72	68.20	-12.48	55.13	0.59	Peak	228	294	4	5850.00	56.62	68.20	-11.58	55.38	1.24	Peak	228	294	5	11440.00	42.80	54.00	-11.20	34.18	8.62	Average	100	122	6	11440.00	54.77	74.00	-19.23	46.15	8.62	Peak	100	122	7	17160.00	60.76	68.20	-7.44	54.47	6.29	Peak	178	34	8	22880.00	52.50	54.00	-1.50	45.80	6.70	Average	157	31	9	22880.00	59.10	74.00	-14.90	52.40	6.70	Peak	157	31
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
1	5460.00	43.91	54.00	-10.09	43.33	0.58	Average	228	294																																																																																														
2	5460.00	55.40	74.00	-18.60	54.82	0.58	Peak	228	294																																																																																														
3	5470.00	55.72	68.20	-12.48	55.13	0.59	Peak	228	294																																																																																														
4	5850.00	56.62	68.20	-11.58	55.38	1.24	Peak	228	294																																																																																														
5	11440.00	42.80	54.00	-11.20	34.18	8.62	Average	100	122																																																																																														
6	11440.00	54.77	74.00	-19.23	46.15	8.62	Peak	100	122																																																																																														
7	17160.00	60.76	68.20	-7.44	54.47	6.29	Peak	178	34																																																																																														
8	22880.00	52.50	54.00	-1.50	45.80	6.70	Average	157	31																																																																																														
9	22880.00	59.10	74.00	-14.90	52.40	6.70	Peak	157	31																																																																																														
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																																							



Modulation	11a	Test Freq. (MHz)	5720																																																																																																				
Polarization	Vertical																																																																																																						
Test By :Sean Yu Temperature(°C):24 Humidity(%):62																																																																																																							
Level (dBuV/m)  Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5460.00</td><td>44.25</td><td>54.00</td><td>-9.75</td><td>43.67</td><td>0.58</td><td>Average</td><td>164</td><td>48</td></tr><tr><td>2</td><td>5460.00</td><td>55.80</td><td>74.00</td><td>-18.20</td><td>55.22</td><td>0.58</td><td>Peak</td><td>164</td><td>48</td></tr><tr><td>3</td><td>5470.00</td><td>56.01</td><td>68.20</td><td>-12.19</td><td>55.42</td><td>0.59</td><td>Peak</td><td>164</td><td>48</td></tr><tr><td>4</td><td>5850.00</td><td>56.70</td><td>68.20</td><td>-11.50</td><td>55.46</td><td>1.24</td><td>Peak</td><td>164</td><td>48</td></tr><tr><td>5</td><td>11440.00</td><td>42.49</td><td>54.00</td><td>-11.51</td><td>33.87</td><td>8.62</td><td>Average</td><td>100</td><td>134</td></tr><tr><td>6</td><td>11440.00</td><td>55.82</td><td>74.00</td><td>-18.18</td><td>47.20</td><td>8.62</td><td>Peak</td><td>100</td><td>134</td></tr><tr><td>7</td><td>17160.00</td><td>57.81</td><td>68.20</td><td>-10.39</td><td>51.52</td><td>6.29</td><td>Peak</td><td>100</td><td>228</td></tr><tr><td>8</td><td>22880.00</td><td>50.46</td><td>54.00</td><td>-3.54</td><td>43.76</td><td>6.70</td><td>Average</td><td>252</td><td>78</td></tr><tr><td>9</td><td>22880.00</td><td>56.78</td><td>74.00</td><td>-17.22</td><td>50.08</td><td>6.70</td><td>Peak</td><td>252</td><td>78</td></tr></tbody></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5460.00	44.25	54.00	-9.75	43.67	0.58	Average	164	48	2	5460.00	55.80	74.00	-18.20	55.22	0.58	Peak	164	48	3	5470.00	56.01	68.20	-12.19	55.42	0.59	Peak	164	48	4	5850.00	56.70	68.20	-11.50	55.46	1.24	Peak	164	48	5	11440.00	42.49	54.00	-11.51	33.87	8.62	Average	100	134	6	11440.00	55.82	74.00	-18.18	47.20	8.62	Peak	100	134	7	17160.00	57.81	68.20	-10.39	51.52	6.29	Peak	100	228	8	22880.00	50.46	54.00	-3.54	43.76	6.70	Average	252	78	9	22880.00	56.78	74.00	-17.22	50.08	6.70	Peak	252	78
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
1	5460.00	44.25	54.00	-9.75	43.67	0.58	Average	164	48																																																																																														
2	5460.00	55.80	74.00	-18.20	55.22	0.58	Peak	164	48																																																																																														
3	5470.00	56.01	68.20	-12.19	55.42	0.59	Peak	164	48																																																																																														
4	5850.00	56.70	68.20	-11.50	55.46	1.24	Peak	164	48																																																																																														
5	11440.00	42.49	54.00	-11.51	33.87	8.62	Average	100	134																																																																																														
6	11440.00	55.82	74.00	-18.18	47.20	8.62	Peak	100	134																																																																																														
7	17160.00	57.81	68.20	-10.39	51.52	6.29	Peak	100	228																																																																																														
8	22880.00	50.46	54.00	-3.54	43.76	6.70	Average	252	78																																																																																														
9	22880.00	56.78	74.00	-17.22	50.08	6.70	Peak	252	78																																																																																														
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																																																																							



Modulation	11a	Test Freq. (MHz)	5745																																																																																																														
Polarization	Horizontal																																																																																																																
Test By :Brad Wu Temperature(°C):24 Humidity(%):62																																																																																																																	
Level (dBUV/m) UNII 3-PK UNII 3-AV Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5650.00</td><td>60.38</td><td>68.20</td><td>-7.82</td><td>59.84</td><td>0.54</td><td>Peak</td><td>207</td><td>295</td></tr><tr><td>2</td><td>5700.00</td><td>66.88</td><td>105.20</td><td>-38.32</td><td>66.02</td><td>0.86</td><td>Peak</td><td>207</td><td>295</td></tr><tr><td>3</td><td>5720.00</td><td>75.29</td><td>110.80</td><td>-35.51</td><td>74.38</td><td>0.91</td><td>Peak</td><td>207</td><td>295</td></tr><tr><td>4</td><td>5725.00</td><td>91.63</td><td>122.20</td><td>-30.57</td><td>90.70</td><td>0.93</td><td>Peak</td><td>207</td><td>295</td></tr><tr><td>5</td><td>5925.00</td><td>60.60</td><td>68.20</td><td>-7.60</td><td>59.11</td><td>1.49</td><td>Peak</td><td>207</td><td>295</td></tr><tr><td>6</td><td>11490.00</td><td>49.03</td><td>54.00</td><td>-4.97</td><td>40.32</td><td>8.71</td><td>Average</td><td>112</td><td>332</td></tr><tr><td>7</td><td>11490.00</td><td>61.67</td><td>74.00</td><td>-12.33</td><td>52.96</td><td>8.71</td><td>Peak</td><td>112</td><td>332</td></tr><tr><td>8</td><td>17235.00</td><td>66.70</td><td>68.20</td><td>-1.50</td><td>60.44</td><td>6.26</td><td>Peak</td><td>174</td><td>36</td></tr><tr><td>9</td><td>22980.00</td><td>53.89</td><td>54.00</td><td>-0.11</td><td>47.02</td><td>6.87</td><td>Average</td><td>168</td><td>35</td></tr><tr><td>10</td><td>22980.00</td><td>68.58</td><td>74.00</td><td>-5.42</td><td>61.71</td><td>6.87</td><td>Peak</td><td>168</td><td>35</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5650.00	60.38	68.20	-7.82	59.84	0.54	Peak	207	295	2	5700.00	66.88	105.20	-38.32	66.02	0.86	Peak	207	295	3	5720.00	75.29	110.80	-35.51	74.38	0.91	Peak	207	295	4	5725.00	91.63	122.20	-30.57	90.70	0.93	Peak	207	295	5	5925.00	60.60	68.20	-7.60	59.11	1.49	Peak	207	295	6	11490.00	49.03	54.00	-4.97	40.32	8.71	Average	112	332	7	11490.00	61.67	74.00	-12.33	52.96	8.71	Peak	112	332	8	17235.00	66.70	68.20	-1.50	60.44	6.26	Peak	174	36	9	22980.00	53.89	54.00	-0.11	47.02	6.87	Average	168	35	10	22980.00	68.58	74.00	-5.42	61.71	6.87	Peak	168	35
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																																								
1	5650.00	60.38	68.20	-7.82	59.84	0.54	Peak	207	295																																																																																																								
2	5700.00	66.88	105.20	-38.32	66.02	0.86	Peak	207	295																																																																																																								
3	5720.00	75.29	110.80	-35.51	74.38	0.91	Peak	207	295																																																																																																								
4	5725.00	91.63	122.20	-30.57	90.70	0.93	Peak	207	295																																																																																																								
5	5925.00	60.60	68.20	-7.60	59.11	1.49	Peak	207	295																																																																																																								
6	11490.00	49.03	54.00	-4.97	40.32	8.71	Average	112	332																																																																																																								
7	11490.00	61.67	74.00	-12.33	52.96	8.71	Peak	112	332																																																																																																								
8	17235.00	66.70	68.20	-1.50	60.44	6.26	Peak	174	36																																																																																																								
9	22980.00	53.89	54.00	-0.11	47.02	6.87	Average	168	35																																																																																																								
10	22980.00	68.58	74.00	-5.42	61.71	6.87	Peak	168	35																																																																																																								
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																																																	



Modulation	11a	Test Freq. (MHz)	5745																																																																																																														
Polarization	Vertical																																																																																																																
Test By :Brad Wu Temperature(°C):24 Humidity(%):62																																																																																																																	
Level (dBuV/m) UNII 3-PK UNII 3-AV Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5650.00</td><td>60.06</td><td>68.20</td><td>-8.14</td><td>59.52</td><td>0.54</td><td>Peak</td><td>168</td><td>47</td></tr><tr><td>2</td><td>5700.00</td><td>67.02</td><td>105.20</td><td>-38.18</td><td>66.16</td><td>0.86</td><td>Peak</td><td>168</td><td>47</td></tr><tr><td>3</td><td>5720.00</td><td>74.30</td><td>110.80</td><td>-36.50</td><td>73.39</td><td>0.91</td><td>Peak</td><td>168</td><td>47</td></tr><tr><td>4</td><td>5725.00</td><td>86.38</td><td>122.20</td><td>-35.82</td><td>85.45</td><td>0.93</td><td>Peak</td><td>168</td><td>47</td></tr><tr><td>5</td><td>5925.00</td><td>61.07</td><td>68.20</td><td>-7.13</td><td>59.58</td><td>1.49</td><td>Peak</td><td>168</td><td>47</td></tr><tr><td>6</td><td>11490.00</td><td>48.34</td><td>54.00</td><td>-5.66</td><td>39.63</td><td>8.71</td><td>Average</td><td>155</td><td>358</td></tr><tr><td>7</td><td>11490.00</td><td>62.12</td><td>74.00</td><td>-11.88</td><td>53.41</td><td>8.71</td><td>Peak</td><td>155</td><td>358</td></tr><tr><td>8</td><td>17235.00</td><td>61.92</td><td>68.20</td><td>-6.28</td><td>55.66</td><td>6.26</td><td>Peak</td><td>128</td><td>81</td></tr><tr><td>9</td><td>22980.00</td><td>47.81</td><td>54.00</td><td>-6.19</td><td>40.94</td><td>6.87</td><td>Average</td><td>118</td><td>62</td></tr><tr><td>10</td><td>22980.00</td><td>58.19</td><td>74.00</td><td>-15.81</td><td>51.32</td><td>6.87</td><td>Peak</td><td>118</td><td>62</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5650.00	60.06	68.20	-8.14	59.52	0.54	Peak	168	47	2	5700.00	67.02	105.20	-38.18	66.16	0.86	Peak	168	47	3	5720.00	74.30	110.80	-36.50	73.39	0.91	Peak	168	47	4	5725.00	86.38	122.20	-35.82	85.45	0.93	Peak	168	47	5	5925.00	61.07	68.20	-7.13	59.58	1.49	Peak	168	47	6	11490.00	48.34	54.00	-5.66	39.63	8.71	Average	155	358	7	11490.00	62.12	74.00	-11.88	53.41	8.71	Peak	155	358	8	17235.00	61.92	68.20	-6.28	55.66	6.26	Peak	128	81	9	22980.00	47.81	54.00	-6.19	40.94	6.87	Average	118	62	10	22980.00	58.19	74.00	-15.81	51.32	6.87	Peak	118	62
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																																								
1	5650.00	60.06	68.20	-8.14	59.52	0.54	Peak	168	47																																																																																																								
2	5700.00	67.02	105.20	-38.18	66.16	0.86	Peak	168	47																																																																																																								
3	5720.00	74.30	110.80	-36.50	73.39	0.91	Peak	168	47																																																																																																								
4	5725.00	86.38	122.20	-35.82	85.45	0.93	Peak	168	47																																																																																																								
5	5925.00	61.07	68.20	-7.13	59.58	1.49	Peak	168	47																																																																																																								
6	11490.00	48.34	54.00	-5.66	39.63	8.71	Average	155	358																																																																																																								
7	11490.00	62.12	74.00	-11.88	53.41	8.71	Peak	155	358																																																																																																								
8	17235.00	61.92	68.20	-6.28	55.66	6.26	Peak	128	81																																																																																																								
9	22980.00	47.81	54.00	-6.19	40.94	6.87	Average	118	62																																																																																																								
10	22980.00	58.19	74.00	-15.81	51.32	6.87	Peak	118	62																																																																																																								
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																																																																																	



Modulation	11a	Test Freq. (MHz)	5785																																																																																
Polarization	Horizontal																																																																																		
Test By :Brad Wu Temperature(°C):24 Humidity(%):62																																																																																			
<table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5650.00</td><td>60.35</td><td>68.20</td><td>-7.85</td><td>59.81</td><td>0.54</td><td>Peak</td><td>206</td><td>296</td></tr><tr><td>2</td><td>5925.00</td><td>61.24</td><td>68.20</td><td>-6.96</td><td>59.75</td><td>1.49</td><td>Peak</td><td>206</td><td>296</td></tr><tr><td>3</td><td>11570.00</td><td>49.15</td><td>54.00</td><td>-4.85</td><td>40.56</td><td>8.59</td><td>Average</td><td>134</td><td>329</td></tr><tr><td>4</td><td>11570.00</td><td>61.88</td><td>74.00</td><td>-12.12</td><td>53.29</td><td>8.59</td><td>Peak</td><td>134</td><td>329</td></tr><tr><td>5</td><td>17355.00</td><td>66.92</td><td>68.20</td><td>-1.28</td><td>60.34</td><td>6.58</td><td>Peak</td><td>172</td><td>36</td></tr><tr><td>6</td><td>23140.00</td><td>68.01</td><td>68.20</td><td>-0.19</td><td>61.02</td><td>6.99</td><td>Peak</td><td>171</td><td>36</td></tr><tr><td>7</td><td>28925.00</td><td>58.21</td><td>68.20</td><td>-9.99</td><td>47.80</td><td>10.41</td><td>Peak</td><td>100</td><td>123</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5650.00	60.35	68.20	-7.85	59.81	0.54	Peak	206	296	2	5925.00	61.24	68.20	-6.96	59.75	1.49	Peak	206	296	3	11570.00	49.15	54.00	-4.85	40.56	8.59	Average	134	329	4	11570.00	61.88	74.00	-12.12	53.29	8.59	Peak	134	329	5	17355.00	66.92	68.20	-1.28	60.34	6.58	Peak	172	36	6	23140.00	68.01	68.20	-0.19	61.02	6.99	Peak	171	36	7	28925.00	58.21	68.20	-9.99	47.80	10.41	Peak	100	123
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
1	5650.00	60.35	68.20	-7.85	59.81	0.54	Peak	206	296																																																																										
2	5925.00	61.24	68.20	-6.96	59.75	1.49	Peak	206	296																																																																										
3	11570.00	49.15	54.00	-4.85	40.56	8.59	Average	134	329																																																																										
4	11570.00	61.88	74.00	-12.12	53.29	8.59	Peak	134	329																																																																										
5	17355.00	66.92	68.20	-1.28	60.34	6.58	Peak	172	36																																																																										
6	23140.00	68.01	68.20	-0.19	61.02	6.99	Peak	171	36																																																																										
7	28925.00	58.21	68.20	-9.99	47.80	10.41	Peak	100	123																																																																										
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																			



Modulation	11a	Test Freq. (MHz)	5785																																																																																
Polarization	Vertical																																																																																		
Test By :Brad Wu Temperature(°C):24 Humidity(%):62																																																																																			
<table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5650.00</td><td>60.45</td><td>68.20</td><td>-7.75</td><td>59.91</td><td>0.54</td><td>Peak</td><td>162</td><td>51</td></tr><tr><td>2</td><td>5925.00</td><td>60.97</td><td>68.20</td><td>-7.23</td><td>59.48</td><td>1.49</td><td>Peak</td><td>162</td><td>51</td></tr><tr><td>3</td><td>11570.00</td><td>47.80</td><td>54.00</td><td>-6.20</td><td>39.21</td><td>8.59</td><td>Average</td><td>157</td><td>354</td></tr><tr><td>4</td><td>11570.00</td><td>61.71</td><td>74.00</td><td>-12.29</td><td>53.12</td><td>8.59</td><td>Peak</td><td>157</td><td>354</td></tr><tr><td>5</td><td>17355.00</td><td>62.14</td><td>68.20</td><td>-6.06</td><td>55.56</td><td>6.58</td><td>Peak</td><td>126</td><td>73</td></tr><tr><td>6</td><td>23140.00</td><td>57.56</td><td>68.20</td><td>-10.64</td><td>50.57</td><td>6.99</td><td>Peak</td><td>109</td><td>64</td></tr><tr><td>7</td><td>28925.00</td><td>58.53</td><td>68.20</td><td>-9.67</td><td>48.12</td><td>10.41</td><td>Peak</td><td>100</td><td>113</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5650.00	60.45	68.20	-7.75	59.91	0.54	Peak	162	51	2	5925.00	60.97	68.20	-7.23	59.48	1.49	Peak	162	51	3	11570.00	47.80	54.00	-6.20	39.21	8.59	Average	157	354	4	11570.00	61.71	74.00	-12.29	53.12	8.59	Peak	157	354	5	17355.00	62.14	68.20	-6.06	55.56	6.58	Peak	126	73	6	23140.00	57.56	68.20	-10.64	50.57	6.99	Peak	109	64	7	28925.00	58.53	68.20	-9.67	48.12	10.41	Peak	100	113
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
1	5650.00	60.45	68.20	-7.75	59.91	0.54	Peak	162	51																																																																										
2	5925.00	60.97	68.20	-7.23	59.48	1.49	Peak	162	51																																																																										
3	11570.00	47.80	54.00	-6.20	39.21	8.59	Average	157	354																																																																										
4	11570.00	61.71	74.00	-12.29	53.12	8.59	Peak	157	354																																																																										
5	17355.00	62.14	68.20	-6.06	55.56	6.58	Peak	126	73																																																																										
6	23140.00	57.56	68.20	-10.64	50.57	6.99	Peak	109	64																																																																										
7	28925.00	58.53	68.20	-9.67	48.12	10.41	Peak	100	113																																																																										
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																			



Modulation	11a	Test Freq. (MHz)	5825																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Brad Wu Temperature(°C):24 Humidity(%):62																																																																																																							
Level (dBUV/m) UNII 3-PK UNII 3-AV Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5650.00</td><td>59.36</td><td>68.20</td><td>-8.84</td><td>58.82</td><td>0.54</td><td>Peak</td><td>207</td><td>306</td></tr><tr><td>2</td><td>5850.00</td><td>73.22</td><td>122.20</td><td>-48.98</td><td>71.98</td><td>1.24</td><td>Peak</td><td>207</td><td>306</td></tr><tr><td>3</td><td>5855.00</td><td>70.11</td><td>110.80</td><td>-40.69</td><td>68.85</td><td>1.26</td><td>Peak</td><td>207</td><td>306</td></tr><tr><td>4</td><td>5875.00</td><td>61.85</td><td>105.20</td><td>-43.35</td><td>60.49</td><td>1.36</td><td>Peak</td><td>207</td><td>306</td></tr><tr><td>5</td><td>5925.00</td><td>60.40</td><td>68.20</td><td>-7.80</td><td>58.91</td><td>1.49</td><td>Peak</td><td>207</td><td>306</td></tr><tr><td>6</td><td>11650.00</td><td>49.57</td><td>54.00</td><td>-4.43</td><td>41.34</td><td>8.23</td><td>Average</td><td>122</td><td>328</td></tr><tr><td>7</td><td>11650.00</td><td>62.61</td><td>74.00</td><td>-11.39</td><td>54.38</td><td>8.23</td><td>Peak</td><td>122</td><td>328</td></tr><tr><td>8</td><td>17475.00</td><td>66.90</td><td>68.20</td><td>-1.30</td><td>59.81</td><td>7.09</td><td>Peak</td><td>159</td><td>34</td></tr><tr><td>9</td><td>23300.00</td><td>68.04</td><td>68.20</td><td>-0.16</td><td>60.95</td><td>7.09</td><td>Peak</td><td>175</td><td>38</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5650.00	59.36	68.20	-8.84	58.82	0.54	Peak	207	306	2	5850.00	73.22	122.20	-48.98	71.98	1.24	Peak	207	306	3	5855.00	70.11	110.80	-40.69	68.85	1.26	Peak	207	306	4	5875.00	61.85	105.20	-43.35	60.49	1.36	Peak	207	306	5	5925.00	60.40	68.20	-7.80	58.91	1.49	Peak	207	306	6	11650.00	49.57	54.00	-4.43	41.34	8.23	Average	122	328	7	11650.00	62.61	74.00	-11.39	54.38	8.23	Peak	122	328	8	17475.00	66.90	68.20	-1.30	59.81	7.09	Peak	159	34	9	23300.00	68.04	68.20	-0.16	60.95	7.09	Peak	175	38
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
1	5650.00	59.36	68.20	-8.84	58.82	0.54	Peak	207	306																																																																																														
2	5850.00	73.22	122.20	-48.98	71.98	1.24	Peak	207	306																																																																																														
3	5855.00	70.11	110.80	-40.69	68.85	1.26	Peak	207	306																																																																																														
4	5875.00	61.85	105.20	-43.35	60.49	1.36	Peak	207	306																																																																																														
5	5925.00	60.40	68.20	-7.80	58.91	1.49	Peak	207	306																																																																																														
6	11650.00	49.57	54.00	-4.43	41.34	8.23	Average	122	328																																																																																														
7	11650.00	62.61	74.00	-11.39	54.38	8.23	Peak	122	328																																																																																														
8	17475.00	66.90	68.20	-1.30	59.81	7.09	Peak	159	34																																																																																														
9	23300.00	68.04	68.20	-0.16	60.95	7.09	Peak	175	38																																																																																														
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																																							



Modulation	11a	Test Freq. (MHz)	5825																																																																																																				
Polarization	Vertical																																																																																																						
Test By :Brad Wu Temperature(°C):24 Humidity(%):62																																																																																																							
Level (dBUV/m) UNII 3-PK UNII 3-AV Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5650.00</td><td>59.63</td><td>68.20</td><td>-8.57</td><td>59.09</td><td>0.54</td><td>Peak</td><td>160</td><td>47</td></tr><tr><td>2</td><td>5850.00</td><td>74.89</td><td>122.20</td><td>-47.31</td><td>73.65</td><td>1.24</td><td>Peak</td><td>160</td><td>47</td></tr><tr><td>3</td><td>5855.00</td><td>69.17</td><td>110.80</td><td>-41.63</td><td>67.91</td><td>1.26</td><td>Peak</td><td>160</td><td>47</td></tr><tr><td>4</td><td>5875.00</td><td>62.70</td><td>105.20</td><td>-42.50</td><td>61.34</td><td>1.36</td><td>Peak</td><td>160</td><td>47</td></tr><tr><td>5</td><td>5925.00</td><td>61.71</td><td>68.20</td><td>-6.49</td><td>60.22</td><td>1.49</td><td>Peak</td><td>160</td><td>47</td></tr><tr><td>6</td><td>11650.00</td><td>47.54</td><td>54.00</td><td>-6.46</td><td>39.31</td><td>8.23</td><td>Average</td><td>158</td><td>349</td></tr><tr><td>7</td><td>11650.00</td><td>61.32</td><td>74.00</td><td>-12.68</td><td>53.09</td><td>8.23</td><td>Peak</td><td>158</td><td>349</td></tr><tr><td>8</td><td>17475.00</td><td>62.77</td><td>68.20</td><td>-5.43</td><td>55.68</td><td>7.09</td><td>Peak</td><td>126</td><td>69</td></tr><tr><td>9</td><td>23300.00</td><td>57.74</td><td>68.20</td><td>-10.46</td><td>50.65</td><td>7.09</td><td>Peak</td><td>100</td><td>72</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5650.00	59.63	68.20	-8.57	59.09	0.54	Peak	160	47	2	5850.00	74.89	122.20	-47.31	73.65	1.24	Peak	160	47	3	5855.00	69.17	110.80	-41.63	67.91	1.26	Peak	160	47	4	5875.00	62.70	105.20	-42.50	61.34	1.36	Peak	160	47	5	5925.00	61.71	68.20	-6.49	60.22	1.49	Peak	160	47	6	11650.00	47.54	54.00	-6.46	39.31	8.23	Average	158	349	7	11650.00	61.32	74.00	-12.68	53.09	8.23	Peak	158	349	8	17475.00	62.77	68.20	-5.43	55.68	7.09	Peak	126	69	9	23300.00	57.74	68.20	-10.46	50.65	7.09	Peak	100	72
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
1	5650.00	59.63	68.20	-8.57	59.09	0.54	Peak	160	47																																																																																														
2	5850.00	74.89	122.20	-47.31	73.65	1.24	Peak	160	47																																																																																														
3	5855.00	69.17	110.80	-41.63	67.91	1.26	Peak	160	47																																																																																														
4	5875.00	62.70	105.20	-42.50	61.34	1.36	Peak	160	47																																																																																														
5	5925.00	61.71	68.20	-6.49	60.22	1.49	Peak	160	47																																																																																														
6	11650.00	47.54	54.00	-6.46	39.31	8.23	Average	158	349																																																																																														
7	11650.00	61.32	74.00	-12.68	53.09	8.23	Peak	158	349																																																																																														
8	17475.00	62.77	68.20	-5.43	55.68	7.09	Peak	126	69																																																																																														
9	23300.00	57.74	68.20	-10.46	50.65	7.09	Peak	100	72																																																																																														
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																																							



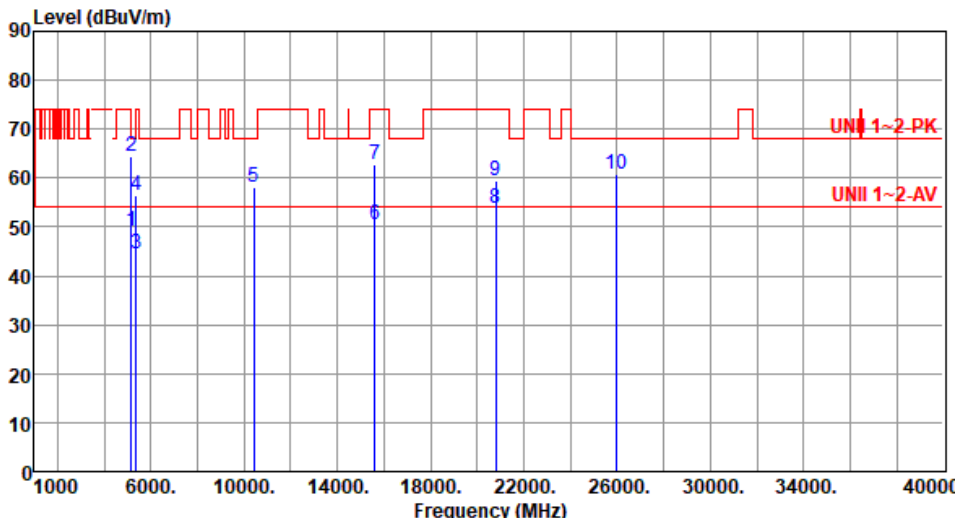
Unwanted Emissions (Above 1GHz) for ax HE20-OFDMA

Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5180																																																																																										
Polarization	Horizontal																																																																																												
Test By :Brad Wu Temperature(°C):24 Humidity(%):63																																																																																													
Level (dBUV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5150.00</td><td>51.35</td><td>54.00</td><td>-2.65</td><td>50.53</td><td>0.82</td><td>Average</td><td>236</td><td>243</td></tr><tr><td>2</td><td>5150.00</td><td>73.51</td><td>74.00</td><td>-0.49</td><td>72.69</td><td>0.82</td><td>Peak</td><td>236</td><td>243</td></tr><tr><td>3</td><td>10360.00</td><td>58.02</td><td>68.20</td><td>-10.18</td><td>49.53</td><td>8.49</td><td>Peak</td><td>100</td><td>47</td></tr><tr><td>4</td><td>15540.00</td><td>49.60</td><td>54.00</td><td>-4.40</td><td>43.62</td><td>5.98</td><td>Average</td><td>102</td><td>44</td></tr><tr><td>5</td><td>15540.00</td><td>62.45</td><td>74.00</td><td>-11.55</td><td>56.47</td><td>5.98</td><td>Peak</td><td>102</td><td>44</td></tr><tr><td>6</td><td>20720.00</td><td>51.28</td><td>54.00</td><td>-2.72</td><td>47.94</td><td>3.34</td><td>Average</td><td>120</td><td>28</td></tr><tr><td>7</td><td>20720.00</td><td>57.31</td><td>74.00</td><td>-16.69</td><td>53.97</td><td>3.34</td><td>Peak</td><td>120</td><td>28</td></tr><tr><td>8</td><td>25900.00</td><td>60.54</td><td>68.20</td><td>-7.66</td><td>52.33</td><td>8.21</td><td>Peak</td><td>122</td><td>73</td></tr></tbody></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	51.35	54.00	-2.65	50.53	0.82	Average	236	243	2	5150.00	73.51	74.00	-0.49	72.69	0.82	Peak	236	243	3	10360.00	58.02	68.20	-10.18	49.53	8.49	Peak	100	47	4	15540.00	49.60	54.00	-4.40	43.62	5.98	Average	102	44	5	15540.00	62.45	74.00	-11.55	56.47	5.98	Peak	102	44	6	20720.00	51.28	54.00	-2.72	47.94	3.34	Average	120	28	7	20720.00	57.31	74.00	-16.69	53.97	3.34	Peak	120	28	8	25900.00	60.54	68.20	-7.66	52.33	8.21	Peak	122	73
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																				
1	5150.00	51.35	54.00	-2.65	50.53	0.82	Average	236	243																																																																																				
2	5150.00	73.51	74.00	-0.49	72.69	0.82	Peak	236	243																																																																																				
3	10360.00	58.02	68.20	-10.18	49.53	8.49	Peak	100	47																																																																																				
4	15540.00	49.60	54.00	-4.40	43.62	5.98	Average	102	44																																																																																				
5	15540.00	62.45	74.00	-11.55	56.47	5.98	Peak	102	44																																																																																				
6	20720.00	51.28	54.00	-2.72	47.94	3.34	Average	120	28																																																																																				
7	20720.00	57.31	74.00	-16.69	53.97	3.34	Peak	120	28																																																																																				
8	25900.00	60.54	68.20	-7.66	52.33	8.21	Peak	122	73																																																																																				
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																													



Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5180																																																																																										
Polarization	Vertical																																																																																												
Test By :Brad Wu Temperature(°C):24 Humidity(%):63																																																																																													
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5150.00</td><td>52.00</td><td>54.00</td><td>-2.00</td><td>51.18</td><td>0.82</td><td>Average</td><td>208</td><td>133</td></tr><tr><td>2</td><td>5150.00</td><td>73.26</td><td>74.00</td><td>-0.74</td><td>72.44</td><td>0.82</td><td>Peak</td><td>208</td><td>133</td></tr><tr><td>3</td><td>10360.00</td><td>55.41</td><td>68.20</td><td>-12.79</td><td>46.92</td><td>8.49</td><td>Peak</td><td>100</td><td>117</td></tr><tr><td>4</td><td>15540.00</td><td>46.64</td><td>54.00</td><td>-7.36</td><td>40.66</td><td>5.98</td><td>Average</td><td>122</td><td>102</td></tr><tr><td>5</td><td>15540.00</td><td>60.45</td><td>74.00</td><td>-13.55</td><td>54.47</td><td>5.98</td><td>Peak</td><td>122</td><td>102</td></tr><tr><td>6</td><td>20720.00</td><td>45.31</td><td>54.00</td><td>-8.69</td><td>41.97</td><td>3.34</td><td>Average</td><td>100</td><td>73</td></tr><tr><td>7</td><td>20720.00</td><td>54.00</td><td>74.00</td><td>-20.00</td><td>50.66</td><td>3.34</td><td>Peak</td><td>100</td><td>73</td></tr><tr><td>8</td><td>25900.00</td><td>56.68</td><td>68.20</td><td>-11.52</td><td>48.47</td><td>8.21</td><td>Peak</td><td>100</td><td>23</td></tr></table>					Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	52.00	54.00	-2.00	51.18	0.82	Average	208	133	2	5150.00	73.26	74.00	-0.74	72.44	0.82	Peak	208	133	3	10360.00	55.41	68.20	-12.79	46.92	8.49	Peak	100	117	4	15540.00	46.64	54.00	-7.36	40.66	5.98	Average	122	102	5	15540.00	60.45	74.00	-13.55	54.47	5.98	Peak	122	102	6	20720.00	45.31	54.00	-8.69	41.97	3.34	Average	100	73	7	20720.00	54.00	74.00	-20.00	50.66	3.34	Peak	100	73	8	25900.00	56.68	68.20	-11.52	48.47	8.21	Peak	100	23
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																				
1	5150.00	52.00	54.00	-2.00	51.18	0.82	Average	208	133																																																																																				
2	5150.00	73.26	74.00	-0.74	72.44	0.82	Peak	208	133																																																																																				
3	10360.00	55.41	68.20	-12.79	46.92	8.49	Peak	100	117																																																																																				
4	15540.00	46.64	54.00	-7.36	40.66	5.98	Average	122	102																																																																																				
5	15540.00	60.45	74.00	-13.55	54.47	5.98	Peak	122	102																																																																																				
6	20720.00	45.31	54.00	-8.69	41.97	3.34	Average	100	73																																																																																				
7	20720.00	54.00	74.00	-20.00	50.66	3.34	Peak	100	73																																																																																				
8	25900.00	56.68	68.20	-11.52	48.47	8.21	Peak	100	23																																																																																				
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).																																																																																													

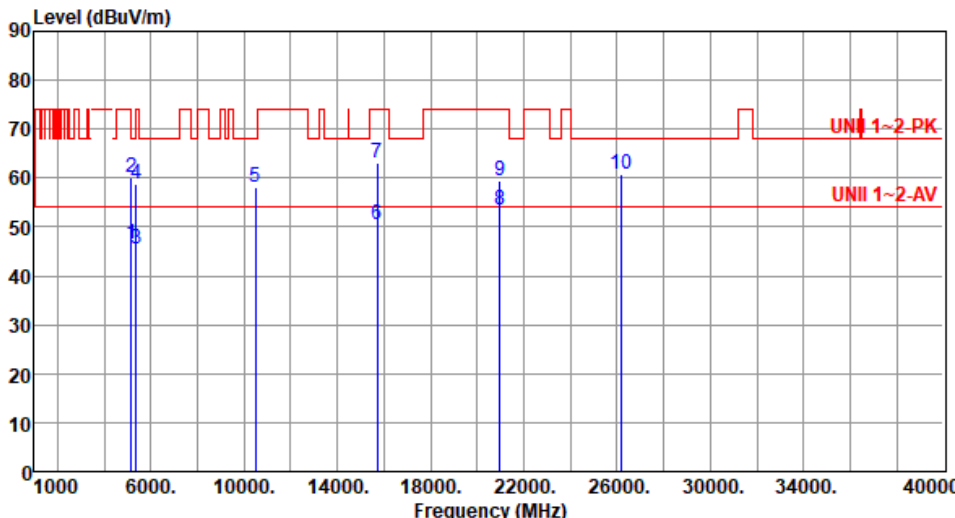


Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5200																																																																																																															
Polarization	Horizontal																																																																																																																	
Test By :Sean Yu Temperature(°C):24 Humidity(%):62																																																																																																																		
																																																																																																																		
	<table><tr><th></th><th>Freq. MHz</th><th>Emission level dBuV/m</th><th>Limit dBuV/m</th><th>Margin dB</th><th>SA reading dBuV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5150.00</td><td>49.11</td><td>54.00</td><td>-4.89</td><td>48.29</td><td>0.82</td><td>Average</td><td>242</td><td>245</td></tr><tr><td>2</td><td>5150.00</td><td>64.47</td><td>74.00</td><td>-9.53</td><td>63.65</td><td>0.82</td><td>Peak</td><td>242</td><td>245</td></tr><tr><td>3</td><td>5350.00</td><td>44.51</td><td>54.00</td><td>-9.49</td><td>44.37</td><td>0.14</td><td>Average</td><td>242</td><td>245</td></tr><tr><td>4</td><td>5350.00</td><td>56.52</td><td>74.00</td><td>-17.48</td><td>56.38</td><td>0.14</td><td>Peak</td><td>242</td><td>245</td></tr><tr><td>5</td><td>10400.00</td><td>58.23</td><td>68.20</td><td>-9.97</td><td>49.59</td><td>8.64</td><td>Peak</td><td>100</td><td>45</td></tr><tr><td>6</td><td>15600.00</td><td>50.32</td><td>54.00</td><td>-3.68</td><td>44.57</td><td>5.75</td><td>Average</td><td>102</td><td>41</td></tr><tr><td>7</td><td>15600.00</td><td>62.89</td><td>74.00</td><td>-11.11</td><td>57.14</td><td>5.75</td><td>Peak</td><td>102</td><td>41</td></tr><tr><td>8</td><td>20800.00</td><td>53.82</td><td>54.00</td><td>-0.18</td><td>50.35</td><td>3.47</td><td>Average</td><td>123</td><td>30</td></tr><tr><td>9</td><td>20800.00</td><td>59.31</td><td>74.00</td><td>-14.69</td><td>55.84</td><td>3.47</td><td>Peak</td><td>123</td><td>30</td></tr><tr><td>10</td><td>26000.00</td><td>60.91</td><td>68.20</td><td>-7.29</td><td>52.68</td><td>8.23</td><td>Peak</td><td>125</td><td>70</td></tr></table>		Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	49.11	54.00	-4.89	48.29	0.82	Average	242	245	2	5150.00	64.47	74.00	-9.53	63.65	0.82	Peak	242	245	3	5350.00	44.51	54.00	-9.49	44.37	0.14	Average	242	245	4	5350.00	56.52	74.00	-17.48	56.38	0.14	Peak	242	245	5	10400.00	58.23	68.20	-9.97	49.59	8.64	Peak	100	45	6	15600.00	50.32	54.00	-3.68	44.57	5.75	Average	102	41	7	15600.00	62.89	74.00	-11.11	57.14	5.75	Peak	102	41	8	20800.00	53.82	54.00	-0.18	50.35	3.47	Average	123	30	9	20800.00	59.31	74.00	-14.69	55.84	3.47	Peak	123	30	10	26000.00	60.91	68.20	-7.29	52.68	8.23	Peak	125	70			
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																																									
1	5150.00	49.11	54.00	-4.89	48.29	0.82	Average	242	245																																																																																																									
2	5150.00	64.47	74.00	-9.53	63.65	0.82	Peak	242	245																																																																																																									
3	5350.00	44.51	54.00	-9.49	44.37	0.14	Average	242	245																																																																																																									
4	5350.00	56.52	74.00	-17.48	56.38	0.14	Peak	242	245																																																																																																									
5	10400.00	58.23	68.20	-9.97	49.59	8.64	Peak	100	45																																																																																																									
6	15600.00	50.32	54.00	-3.68	44.57	5.75	Average	102	41																																																																																																									
7	15600.00	62.89	74.00	-11.11	57.14	5.75	Peak	102	41																																																																																																									
8	20800.00	53.82	54.00	-0.18	50.35	3.47	Average	123	30																																																																																																									
9	20800.00	59.31	74.00	-14.69	55.84	3.47	Peak	123	30																																																																																																									
10	26000.00	60.91	68.20	-7.29	52.68	8.23	Peak	125	70																																																																																																									
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																																																		



Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5200
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):24 Humidity(%):62			
Level (dBUV/m) </			



Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5240						
Polarization	Horizontal								
Test By :Brad Wu Temperature(°C):24 Humidity(%):63									
									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.53	54.00	-7.47	45.71	0.82	Average	235	245
2	5150.00	60.16	74.00	-13.84	59.34	0.82	Peak	235	245
3	5350.00	45.62	54.00	-8.38	45.48	0.14	Average	235	245
4	5350.00	58.81	74.00	-15.19	58.67	0.14	Peak	235	245
5	10480.00	58.22	68.20	-9.98	49.53	8.69	Peak	100	51
6	15720.00	50.33	54.00	-3.67	44.61	5.72	Average	100	42
7	15720.00	63.01	74.00	-10.99	57.29	5.72	Peak	100	42
8	20960.00	53.38	54.00	-0.62	49.57	3.81	Average	125	27
9	20960.00	59.59	74.00	-14.41	55.78	3.81	Peak	125	27
10	26200.00	60.76	68.20	-7.44	52.33	8.43	Peak	119	70

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5240																																																																																																														
Polarization	Vertical																																																																																																																
Test By :Brad Wu Temperature(°C):24 Humidity(%):63																																																																																																																	
<table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5150.00</td><td>46.47</td><td>54.00</td><td>-7.53</td><td>45.65</td><td>0.82</td><td>Average</td><td>236</td><td>132</td></tr><tr><td>2</td><td>5150.00</td><td>59.06</td><td>74.00</td><td>-14.94</td><td>58.24</td><td>0.82</td><td>Peak</td><td>236</td><td>132</td></tr><tr><td>3</td><td>5350.00</td><td>45.40</td><td>54.00</td><td>-8.60</td><td>45.26</td><td>0.14</td><td>Average</td><td>236</td><td>132</td></tr><tr><td>4</td><td>5350.00</td><td>58.53</td><td>74.00</td><td>-15.47</td><td>58.39</td><td>0.14</td><td>Peak</td><td>236</td><td>132</td></tr><tr><td>5</td><td>10480.00</td><td>55.42</td><td>68.20</td><td>-12.78</td><td>46.73</td><td>8.69</td><td>Peak</td><td>100</td><td>124</td></tr><tr><td>6</td><td>15720.00</td><td>46.39</td><td>54.00</td><td>-7.61</td><td>40.67</td><td>5.72</td><td>Average</td><td>233</td><td>89</td></tr><tr><td>7</td><td>15720.00</td><td>59.99</td><td>74.00</td><td>-14.01</td><td>54.27</td><td>5.72</td><td>Peak</td><td>233</td><td>89</td></tr><tr><td>8</td><td>20960.00</td><td>45.67</td><td>54.00</td><td>-8.33</td><td>41.86</td><td>3.81</td><td>Average</td><td>100</td><td>73</td></tr><tr><td>9</td><td>20960.00</td><td>54.47</td><td>74.00</td><td>-19.53</td><td>50.66</td><td>3.81</td><td>Peak</td><td>100</td><td>73</td></tr><tr><td>10</td><td>26200.00</td><td>57.16</td><td>68.20</td><td>-11.04</td><td>48.73</td><td>8.43</td><td>Peak</td><td>100</td><td>12</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	46.47	54.00	-7.53	45.65	0.82	Average	236	132	2	5150.00	59.06	74.00	-14.94	58.24	0.82	Peak	236	132	3	5350.00	45.40	54.00	-8.60	45.26	0.14	Average	236	132	4	5350.00	58.53	74.00	-15.47	58.39	0.14	Peak	236	132	5	10480.00	55.42	68.20	-12.78	46.73	8.69	Peak	100	124	6	15720.00	46.39	54.00	-7.61	40.67	5.72	Average	233	89	7	15720.00	59.99	74.00	-14.01	54.27	5.72	Peak	233	89	8	20960.00	45.67	54.00	-8.33	41.86	3.81	Average	100	73	9	20960.00	54.47	74.00	-19.53	50.66	3.81	Peak	100	73	10	26200.00	57.16	68.20	-11.04	48.73	8.43	Peak	100	12
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																																								
1	5150.00	46.47	54.00	-7.53	45.65	0.82	Average	236	132																																																																																																								
2	5150.00	59.06	74.00	-14.94	58.24	0.82	Peak	236	132																																																																																																								
3	5350.00	45.40	54.00	-8.60	45.26	0.14	Average	236	132																																																																																																								
4	5350.00	58.53	74.00	-15.47	58.39	0.14	Peak	236	132																																																																																																								
5	10480.00	55.42	68.20	-12.78	46.73	8.69	Peak	100	124																																																																																																								
6	15720.00	46.39	54.00	-7.61	40.67	5.72	Average	233	89																																																																																																								
7	15720.00	59.99	74.00	-14.01	54.27	5.72	Peak	233	89																																																																																																								
8	20960.00	45.67	54.00	-8.33	41.86	3.81	Average	100	73																																																																																																								
9	20960.00	54.47	74.00	-19.53	50.66	3.81	Peak	100	73																																																																																																								
10	26200.00	57.16	68.20	-11.04	48.73	8.43	Peak	100	12																																																																																																								
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																																																	

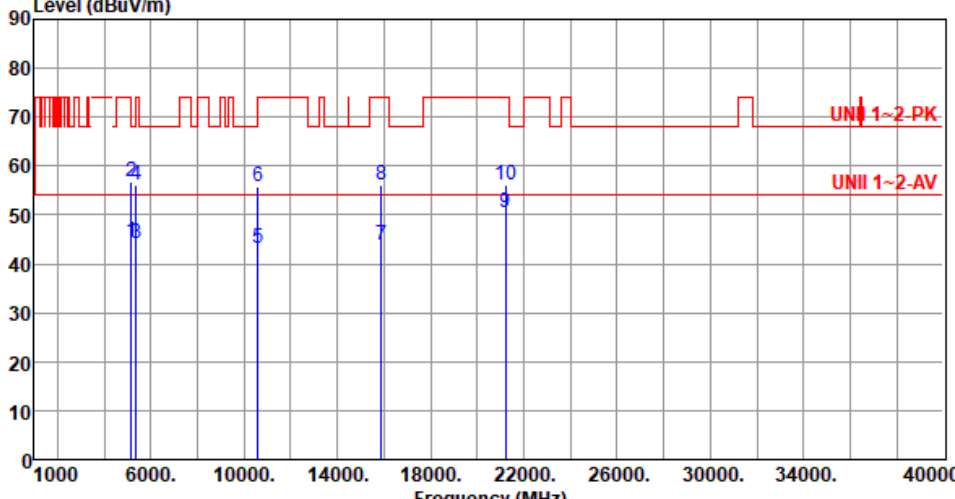


Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5260																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Brad Wu Temperature(°C):24 Humidity(%):63																																																																																																							
Level (dBUV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5150.00</td><td>45.16</td><td>54.00</td><td>-8.84</td><td>44.34</td><td>0.82</td><td>Average</td><td>232</td><td>244</td></tr><tr><td>2</td><td>5150.00</td><td>58.49</td><td>74.00</td><td>-15.51</td><td>57.67</td><td>0.82</td><td>Peak</td><td>232</td><td>244</td></tr><tr><td>3</td><td>5350.00</td><td>44.33</td><td>54.00</td><td>-9.67</td><td>44.19</td><td>0.14</td><td>Average</td><td>232</td><td>244</td></tr><tr><td>4</td><td>5350.00</td><td>57.73</td><td>74.00</td><td>-16.27</td><td>57.59</td><td>0.14</td><td>Peak</td><td>232</td><td>244</td></tr><tr><td>5</td><td>10520.00</td><td>55.95</td><td>68.20</td><td>-12.25</td><td>47.23</td><td>8.72</td><td>Peak</td><td>100</td><td>123</td></tr><tr><td>6</td><td>15780.00</td><td>44.31</td><td>54.00</td><td>-9.69</td><td>38.64</td><td>5.67</td><td>Average</td><td>100</td><td>223</td></tr><tr><td>7</td><td>15780.00</td><td>56.33</td><td>74.00</td><td>-17.67</td><td>50.66</td><td>5.67</td><td>Peak</td><td>100</td><td>223</td></tr><tr><td>8</td><td>21040.00</td><td>52.24</td><td>54.00</td><td>-1.76</td><td>48.30</td><td>3.94</td><td>Average</td><td>132</td><td>26</td></tr><tr><td>9</td><td>21040.00</td><td>58.54</td><td>74.00</td><td>-15.46</td><td>54.60</td><td>3.94</td><td>Peak</td><td>132</td><td>26</td></tr></tbody></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	45.16	54.00	-8.84	44.34	0.82	Average	232	244	2	5150.00	58.49	74.00	-15.51	57.67	0.82	Peak	232	244	3	5350.00	44.33	54.00	-9.67	44.19	0.14	Average	232	244	4	5350.00	57.73	74.00	-16.27	57.59	0.14	Peak	232	244	5	10520.00	55.95	68.20	-12.25	47.23	8.72	Peak	100	123	6	15780.00	44.31	54.00	-9.69	38.64	5.67	Average	100	223	7	15780.00	56.33	74.00	-17.67	50.66	5.67	Peak	100	223	8	21040.00	52.24	54.00	-1.76	48.30	3.94	Average	132	26	9	21040.00	58.54	74.00	-15.46	54.60	3.94	Peak	132	26
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
1	5150.00	45.16	54.00	-8.84	44.34	0.82	Average	232	244																																																																																														
2	5150.00	58.49	74.00	-15.51	57.67	0.82	Peak	232	244																																																																																														
3	5350.00	44.33	54.00	-9.67	44.19	0.14	Average	232	244																																																																																														
4	5350.00	57.73	74.00	-16.27	57.59	0.14	Peak	232	244																																																																																														
5	10520.00	55.95	68.20	-12.25	47.23	8.72	Peak	100	123																																																																																														
6	15780.00	44.31	54.00	-9.69	38.64	5.67	Average	100	223																																																																																														
7	15780.00	56.33	74.00	-17.67	50.66	5.67	Peak	100	223																																																																																														
8	21040.00	52.24	54.00	-1.76	48.30	3.94	Average	132	26																																																																																														
9	21040.00	58.54	74.00	-15.46	54.60	3.94	Peak	132	26																																																																																														
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																																							



Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5260																																																																																																				
Polarization	Vertical																																																																																																						
Test By :Brad Wu Temperature(°C):24 Humidity(%):63																																																																																																							
<table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5150.00</td><td>44.39</td><td>54.00</td><td>-9.61</td><td>43.57</td><td>0.82</td><td>Average</td><td>206</td><td>135</td></tr><tr><td>2</td><td>5150.00</td><td>56.84</td><td>74.00</td><td>-17.16</td><td>56.02</td><td>0.82</td><td>Peak</td><td>206</td><td>135</td></tr><tr><td>3</td><td>5350.00</td><td>43.95</td><td>54.00</td><td>-10.05</td><td>43.81</td><td>0.14</td><td>Average</td><td>206</td><td>135</td></tr><tr><td>4</td><td>5350.00</td><td>57.62</td><td>74.00</td><td>-16.38</td><td>57.48</td><td>0.14</td><td>Peak</td><td>206</td><td>135</td></tr><tr><td>5</td><td>10520.00</td><td>56.36</td><td>68.20</td><td>-11.84</td><td>47.64</td><td>8.72</td><td>Peak</td><td>100</td><td>131</td></tr><tr><td>6</td><td>15780.00</td><td>43.89</td><td>54.00</td><td>-10.11</td><td>38.22</td><td>5.67</td><td>Average</td><td>100</td><td>25</td></tr><tr><td>7</td><td>15780.00</td><td>55.86</td><td>74.00</td><td>-18.14</td><td>50.19</td><td>5.67</td><td>Peak</td><td>100</td><td>25</td></tr><tr><td>8</td><td>21040.00</td><td>43.42</td><td>54.00</td><td>-10.58</td><td>39.48</td><td>3.94</td><td>Average</td><td>100</td><td>77</td></tr><tr><td>9</td><td>21040.00</td><td>54.17</td><td>74.00</td><td>-19.83</td><td>50.23</td><td>3.94</td><td>Peak</td><td>100</td><td>77</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	44.39	54.00	-9.61	43.57	0.82	Average	206	135	2	5150.00	56.84	74.00	-17.16	56.02	0.82	Peak	206	135	3	5350.00	43.95	54.00	-10.05	43.81	0.14	Average	206	135	4	5350.00	57.62	74.00	-16.38	57.48	0.14	Peak	206	135	5	10520.00	56.36	68.20	-11.84	47.64	8.72	Peak	100	131	6	15780.00	43.89	54.00	-10.11	38.22	5.67	Average	100	25	7	15780.00	55.86	74.00	-18.14	50.19	5.67	Peak	100	25	8	21040.00	43.42	54.00	-10.58	39.48	3.94	Average	100	77	9	21040.00	54.17	74.00	-19.83	50.23	3.94	Peak	100	77
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
1	5150.00	44.39	54.00	-9.61	43.57	0.82	Average	206	135																																																																																														
2	5150.00	56.84	74.00	-17.16	56.02	0.82	Peak	206	135																																																																																														
3	5350.00	43.95	54.00	-10.05	43.81	0.14	Average	206	135																																																																																														
4	5350.00	57.62	74.00	-16.38	57.48	0.14	Peak	206	135																																																																																														
5	10520.00	56.36	68.20	-11.84	47.64	8.72	Peak	100	131																																																																																														
6	15780.00	43.89	54.00	-10.11	38.22	5.67	Average	100	25																																																																																														
7	15780.00	55.86	74.00	-18.14	50.19	5.67	Peak	100	25																																																																																														
8	21040.00	43.42	54.00	-10.58	39.48	3.94	Average	100	77																																																																																														
9	21040.00	54.17	74.00	-19.83	50.23	3.94	Peak	100	77																																																																																														
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																																							



Modulation	ax HE20-OFDMA		Test Freq. (MHz)	5300					
Polarization	Horizontal								
Test By :Sean Yu			Temperature(°C):24			Humidity(%):62			
Level (dBuV/m)  Frequency (MHz)									
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn
	MHz	level			reading			High	Table
		dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg
1	5150.00	44.64	54.00	-9.36	43.82	0.82	Average	222	245
2	5150.00	56.70	74.00	-17.30	55.88	0.82	Peak	222	245
3	5350.00	44.17	54.00	-9.83	44.03	0.14	Average	222	245
4	5350.00	56.26	74.00	-17.74	56.12	0.14	Peak	222	245
5	10600.00	43.08	54.00	-10.92	34.28	8.80	Average	100	125
6	10600.00	55.93	74.00	-18.07	47.13	8.80	Peak	100	125
7	15900.00	43.86	54.00	-10.14	38.22	5.64	Average	100	251
8	15900.00	56.07	74.00	-17.93	50.43	5.64	Peak	100	251
9	21200.00	50.63	54.00	-3.37	46.54	4.09	Average	129	29
10	21200.00	56.22	74.00	-17.78	52.13	4.09	Peak	129	29

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5300																																																																																																														
Polarization	Vertical																																																																																																																
Test By :Sean Yu Temperature(°C):24 Humidity(%):62																																																																																																																	
Level (dBUV/m) Frequency (MHz) <table><thead><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr></thead><tbody><tr><td>1</td><td>5150.00</td><td>44.28</td><td>54.00</td><td>-9.72</td><td>43.46</td><td>0.82</td><td>Average</td><td>205</td><td>134</td></tr><tr><td>2</td><td>5150.00</td><td>56.61</td><td>74.00</td><td>-17.39</td><td>55.79</td><td>0.82</td><td>Peak</td><td>205</td><td>134</td></tr><tr><td>3</td><td>5350.00</td><td>43.84</td><td>54.00</td><td>-10.16</td><td>43.70</td><td>0.14</td><td>Average</td><td>205</td><td>134</td></tr><tr><td>4</td><td>5350.00</td><td>57.45</td><td>74.00</td><td>-16.55</td><td>57.31</td><td>0.14</td><td>Peak</td><td>205</td><td>134</td></tr><tr><td>5</td><td>10600.00</td><td>43.32</td><td>54.00</td><td>-10.68</td><td>34.52</td><td>8.80</td><td>Average</td><td>100</td><td>121</td></tr><tr><td>6</td><td>10600.00</td><td>56.13</td><td>74.00</td><td>-17.87</td><td>47.33</td><td>8.80</td><td>Peak</td><td>100</td><td>121</td></tr><tr><td>7</td><td>15900.00</td><td>43.75</td><td>54.00</td><td>-10.25</td><td>38.11</td><td>5.64</td><td>Average</td><td>100</td><td>33</td></tr><tr><td>8</td><td>15900.00</td><td>55.93</td><td>74.00</td><td>-18.07</td><td>50.29</td><td>5.64</td><td>Peak</td><td>100</td><td>33</td></tr><tr><td>9</td><td>21200.00</td><td>43.32</td><td>54.00</td><td>-10.68</td><td>39.23</td><td>4.09</td><td>Average</td><td>100</td><td>76</td></tr><tr><td>10</td><td>21200.00</td><td>54.24</td><td>74.00</td><td>-19.76</td><td>50.15</td><td>4.09</td><td>Peak</td><td>100</td><td>76</td></tr></tbody></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5150.00	44.28	54.00	-9.72	43.46	0.82	Average	205	134	2	5150.00	56.61	74.00	-17.39	55.79	0.82	Peak	205	134	3	5350.00	43.84	54.00	-10.16	43.70	0.14	Average	205	134	4	5350.00	57.45	74.00	-16.55	57.31	0.14	Peak	205	134	5	10600.00	43.32	54.00	-10.68	34.52	8.80	Average	100	121	6	10600.00	56.13	74.00	-17.87	47.33	8.80	Peak	100	121	7	15900.00	43.75	54.00	-10.25	38.11	5.64	Average	100	33	8	15900.00	55.93	74.00	-18.07	50.29	5.64	Peak	100	33	9	21200.00	43.32	54.00	-10.68	39.23	4.09	Average	100	76	10	21200.00	54.24	74.00	-19.76	50.15	4.09	Peak	100	76
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																																								
1	5150.00	44.28	54.00	-9.72	43.46	0.82	Average	205	134																																																																																																								
2	5150.00	56.61	74.00	-17.39	55.79	0.82	Peak	205	134																																																																																																								
3	5350.00	43.84	54.00	-10.16	43.70	0.14	Average	205	134																																																																																																								
4	5350.00	57.45	74.00	-16.55	57.31	0.14	Peak	205	134																																																																																																								
5	10600.00	43.32	54.00	-10.68	34.52	8.80	Average	100	121																																																																																																								
6	10600.00	56.13	74.00	-17.87	47.33	8.80	Peak	100	121																																																																																																								
7	15900.00	43.75	54.00	-10.25	38.11	5.64	Average	100	33																																																																																																								
8	15900.00	55.93	74.00	-18.07	50.29	5.64	Peak	100	33																																																																																																								
9	21200.00	43.32	54.00	-10.68	39.23	4.09	Average	100	76																																																																																																								
10	21200.00	54.24	74.00	-19.76	50.15	4.09	Peak	100	76																																																																																																								
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																																																	



Modulation	ax HE20-OFDMA		Test Freq. (MHz)	5320																																																																																																																			
Polarization	Horizontal																																																																																																																						
Test By :Brad Wu			Temperature(°C):24			Humidity(%):63																																																																																																																	
Level (dBuV/m) Frequency (MHz) <table><tr><th></th><th>Freq.</th><th>Emission</th><th>Limit</th><th>Margin</th><th>SA</th><th>Factor</th><th>Remark</th><th>ANT</th><th>Turn</th></tr><tr><th></th><th>MHz</th><th>level</th><th>dBuV/m</th><th>dB</th><th>reading</th><th>dB/m</th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th></th><th></th><th>dBuV</th><th></th><th></th><th>cm</th><th>deg</th></tr><tr><td>1</td><td>5350.00</td><td>45.07</td><td>54.00</td><td>-8.93</td><td>44.93</td><td>0.14</td><td>Average</td><td>226</td><td>244</td></tr><tr><td>2</td><td>5350.00</td><td>64.52</td><td>74.00</td><td>-9.48</td><td>64.38</td><td>0.14</td><td>Peak</td><td>226</td><td>244</td></tr><tr><td>3</td><td>10640.00</td><td>43.24</td><td>54.00</td><td>-10.76</td><td>34.44</td><td>8.80</td><td>Average</td><td>100</td><td>113</td></tr><tr><td>4</td><td>10640.00</td><td>56.06</td><td>74.00</td><td>-17.94</td><td>47.26</td><td>8.80</td><td>Peak</td><td>100</td><td>113</td></tr><tr><td>5</td><td>15960.00</td><td>43.83</td><td>54.00</td><td>-10.17</td><td>38.18</td><td>5.65</td><td>Average</td><td>100</td><td>253</td></tr><tr><td>6</td><td>15960.00</td><td>56.29</td><td>74.00</td><td>-17.71</td><td>50.64</td><td>5.65</td><td>Peak</td><td>100</td><td>253</td></tr><tr><td>7</td><td>21280.00</td><td>51.13</td><td>54.00</td><td>-2.87</td><td>46.95</td><td>4.18</td><td>Average</td><td>127</td><td>23</td></tr><tr><td>8</td><td>21280.00</td><td>57.47</td><td>74.00</td><td>-16.53</td><td>53.29</td><td>4.18</td><td>Peak</td><td>127</td><td>23</td></tr></table> Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).											Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn		MHz	level	dBuV/m	dB	reading	dB/m		High	Table			dBuV/m			dBuV			cm	deg	1	5350.00	45.07	54.00	-8.93	44.93	0.14	Average	226	244	2	5350.00	64.52	74.00	-9.48	64.38	0.14	Peak	226	244	3	10640.00	43.24	54.00	-10.76	34.44	8.80	Average	100	113	4	10640.00	56.06	74.00	-17.94	47.26	8.80	Peak	100	113	5	15960.00	43.83	54.00	-10.17	38.18	5.65	Average	100	253	6	15960.00	56.29	74.00	-17.71	50.64	5.65	Peak	100	253	7	21280.00	51.13	54.00	-2.87	46.95	4.18	Average	127	23	8	21280.00	57.47	74.00	-16.53	53.29	4.18	Peak	127	23
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																																														
	MHz	level	dBuV/m	dB	reading	dB/m		High	Table																																																																																																														
		dBuV/m			dBuV			cm	deg																																																																																																														
1	5350.00	45.07	54.00	-8.93	44.93	0.14	Average	226	244																																																																																																														
2	5350.00	64.52	74.00	-9.48	64.38	0.14	Peak	226	244																																																																																																														
3	10640.00	43.24	54.00	-10.76	34.44	8.80	Average	100	113																																																																																																														
4	10640.00	56.06	74.00	-17.94	47.26	8.80	Peak	100	113																																																																																																														
5	15960.00	43.83	54.00	-10.17	38.18	5.65	Average	100	253																																																																																																														
6	15960.00	56.29	74.00	-17.71	50.64	5.65	Peak	100	253																																																																																																														
7	21280.00	51.13	54.00	-2.87	46.95	4.18	Average	127	23																																																																																																														
8	21280.00	57.47	74.00	-16.53	53.29	4.18	Peak	127	23																																																																																																														



Modulation	ax HE20-OFDMA	Test Freq. (MHz)	5320																																																																																										
Polarization	Vertical																																																																																												
Test By :Brad Wu Temperature(°C):24 Humidity(%):63																																																																																													
<table><tr><th></th><th>Freq. MHz</th><th>Emission level dBUV/m</th><th>Limit dBUV/m</th><th>Margin dB</th><th>SA reading dBUV</th><th>Factor dB/m</th><th>Remark</th><th>ANT High cm</th><th>Turn Table deg</th></tr><tr><td>1</td><td>5350.00</td><td>45.82</td><td>54.00</td><td>-8.18</td><td>45.68</td><td>0.14</td><td>Average</td><td>212</td><td>129</td></tr><tr><td>2</td><td>5350.00</td><td>65.65</td><td>74.00</td><td>-8.35</td><td>65.51</td><td>0.14</td><td>Peak</td><td>212</td><td>129</td></tr><tr><td>3</td><td>10640.00</td><td>43.31</td><td>54.00</td><td>-10.69</td><td>34.51</td><td>8.80</td><td>Average</td><td>100</td><td>123</td></tr><tr><td>4</td><td>10640.00</td><td>56.17</td><td>74.00</td><td>-17.83</td><td>47.37</td><td>8.80</td><td>Peak</td><td>100</td><td>123</td></tr><tr><td>5</td><td>15960.00</td><td>43.77</td><td>54.00</td><td>-10.23</td><td>38.12</td><td>5.65</td><td>Average</td><td>100</td><td>16</td></tr><tr><td>6</td><td>15960.00</td><td>56.02</td><td>74.00</td><td>-17.98</td><td>50.37</td><td>5.65</td><td>Peak</td><td>100</td><td>16</td></tr><tr><td>7</td><td>21280.00</td><td>43.54</td><td>54.00</td><td>-10.46</td><td>39.36</td><td>4.18</td><td>Average</td><td>100</td><td>75</td></tr><tr><td>8</td><td>21280.00</td><td>54.32</td><td>74.00</td><td>-19.68</td><td>50.14</td><td>4.18</td><td>Peak</td><td>100</td><td>75</td></tr></table>					Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg	1	5350.00	45.82	54.00	-8.18	45.68	0.14	Average	212	129	2	5350.00	65.65	74.00	-8.35	65.51	0.14	Peak	212	129	3	10640.00	43.31	54.00	-10.69	34.51	8.80	Average	100	123	4	10640.00	56.17	74.00	-17.83	47.37	8.80	Peak	100	123	5	15960.00	43.77	54.00	-10.23	38.12	5.65	Average	100	16	6	15960.00	56.02	74.00	-17.98	50.37	5.65	Peak	100	16	7	21280.00	43.54	54.00	-10.46	39.36	4.18	Average	100	75	8	21280.00	54.32	74.00	-19.68	50.14	4.18	Peak	100	75
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																				
1	5350.00	45.82	54.00	-8.18	45.68	0.14	Average	212	129																																																																																				
2	5350.00	65.65	74.00	-8.35	65.51	0.14	Peak	212	129																																																																																				
3	10640.00	43.31	54.00	-10.69	34.51	8.80	Average	100	123																																																																																				
4	10640.00	56.17	74.00	-17.83	47.37	8.80	Peak	100	123																																																																																				
5	15960.00	43.77	54.00	-10.23	38.12	5.65	Average	100	16																																																																																				
6	15960.00	56.02	74.00	-17.98	50.37	5.65	Peak	100	16																																																																																				
7	21280.00	43.54	54.00	-10.46	39.36	4.18	Average	100	75																																																																																				
8	21280.00	54.32	74.00	-19.68	50.14	4.18	Peak	100	75																																																																																				
Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m) *Factor includes antenna factor , cable loss and amplifier gain Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).																																																																																													