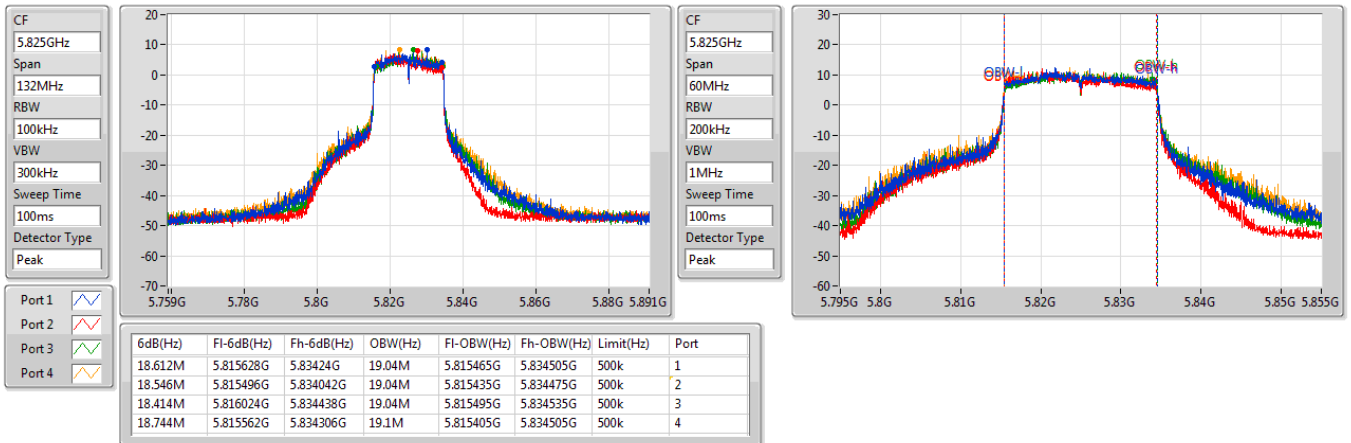




5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

EBW

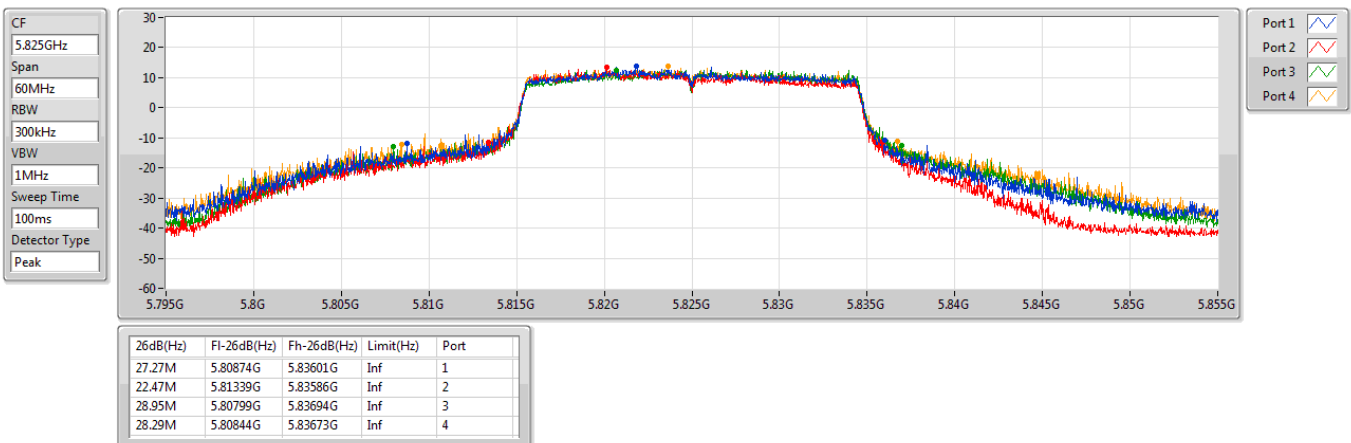
5825MHz



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

EBW

5825MHz

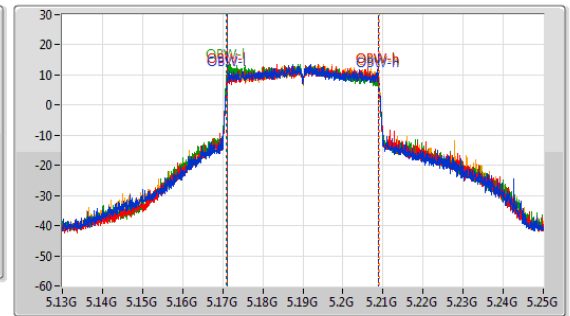
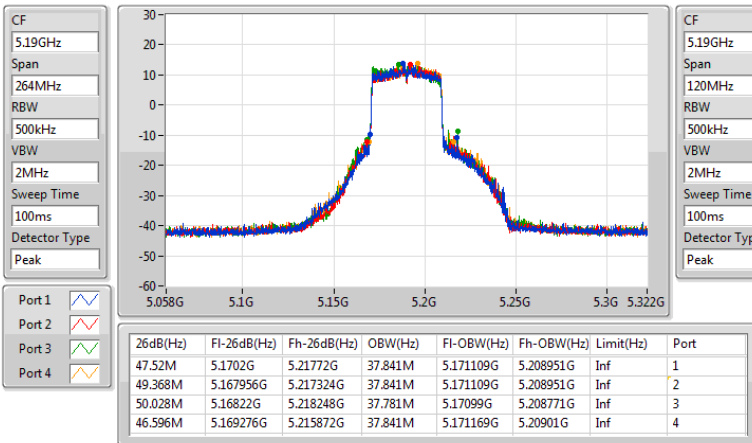




5.15-5.25GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

EBW

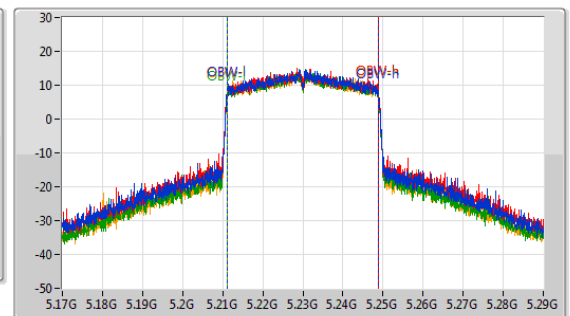
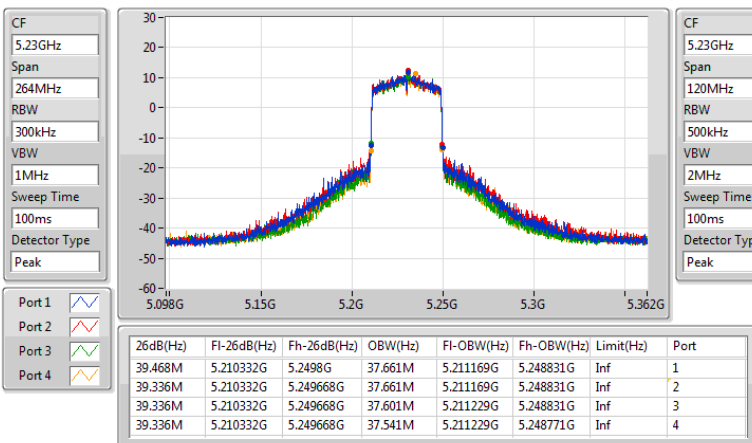
5190MHz



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

EBW

5230MHz

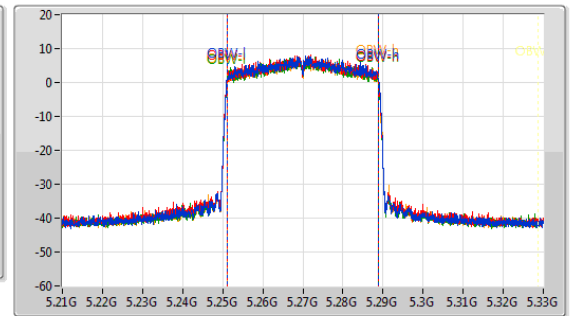
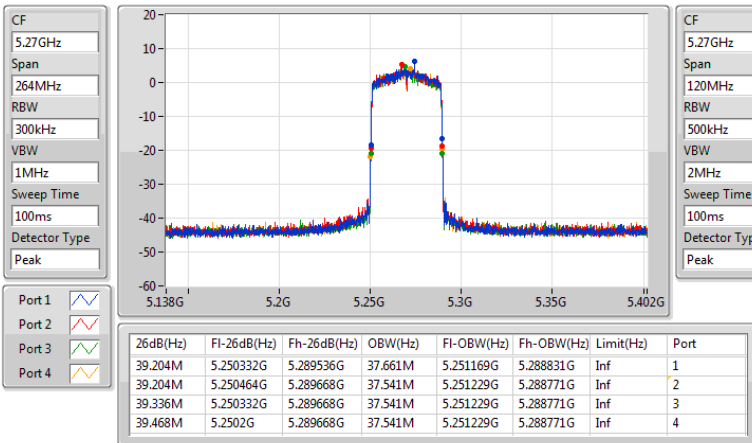




5.25-5.35GHz_802.11ax_HEW40-BF_Nss1,(MCS0)_4TX

EBW

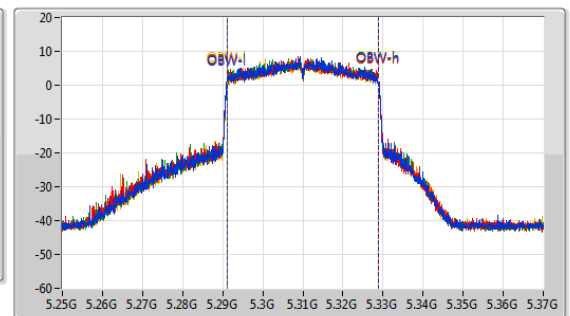
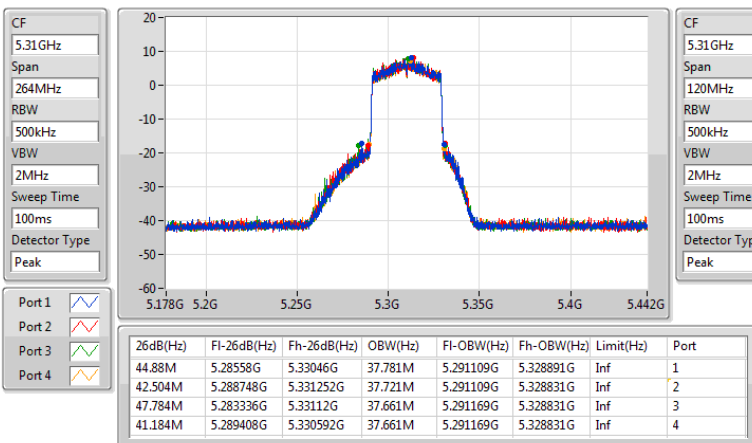
5270MHz



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

EBW

5310MHz

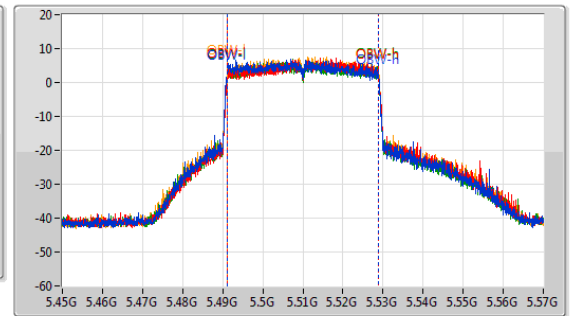
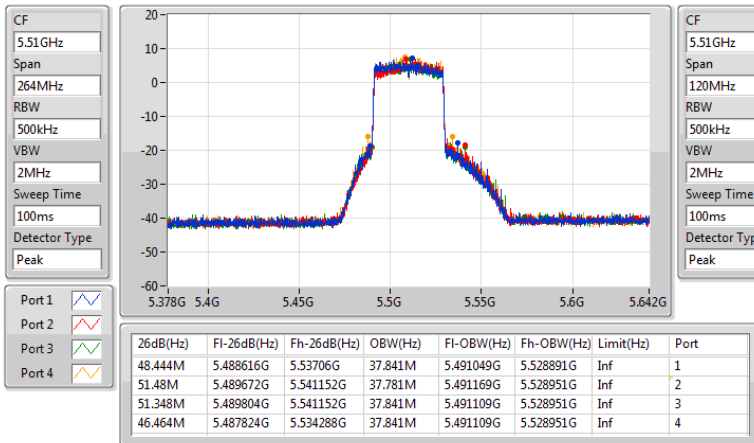




5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

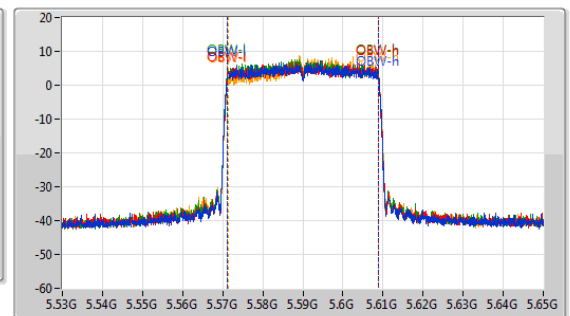
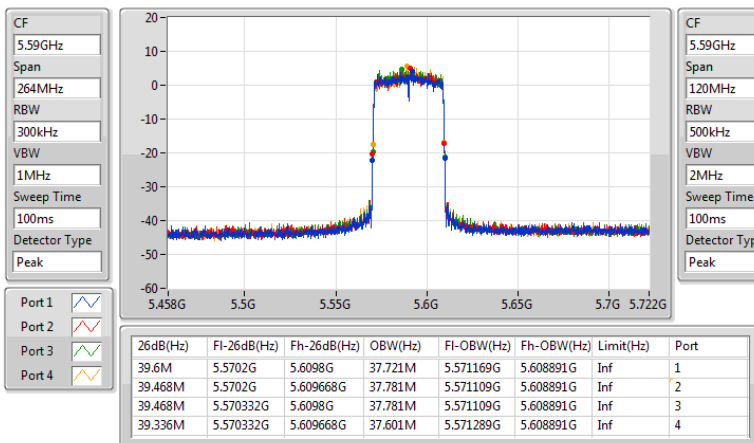
5510MHz



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

EBW

5590MHz

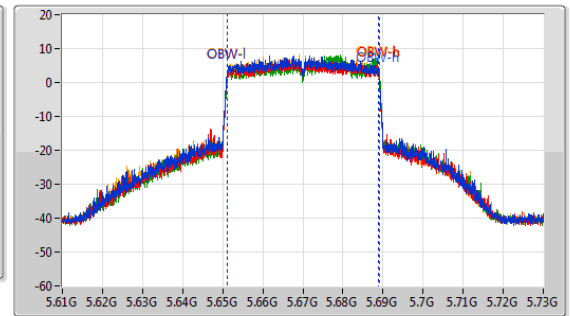
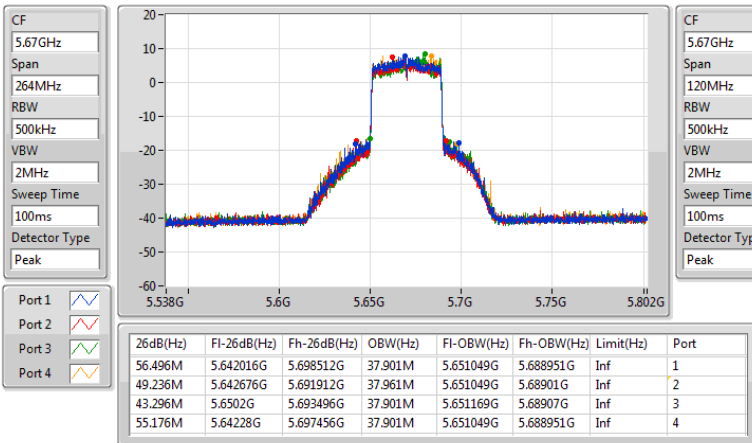




5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

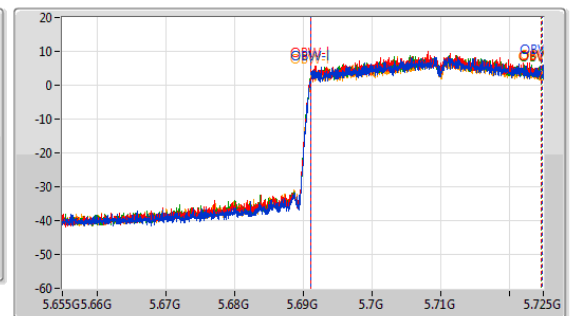
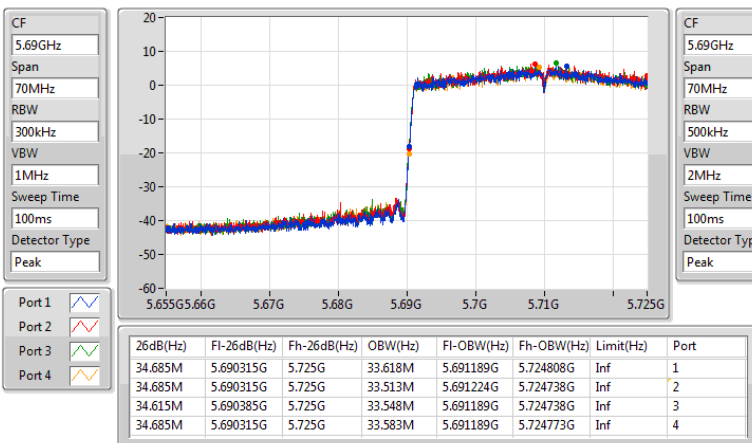
5670MHz



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

EBW

5710MHz Straddle 5.47-5.725GHz

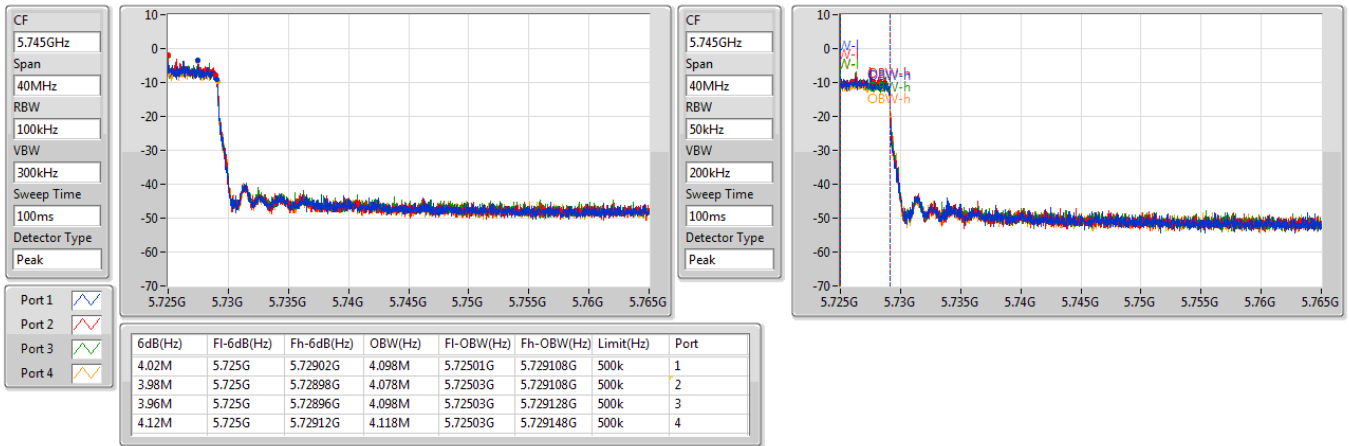




5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

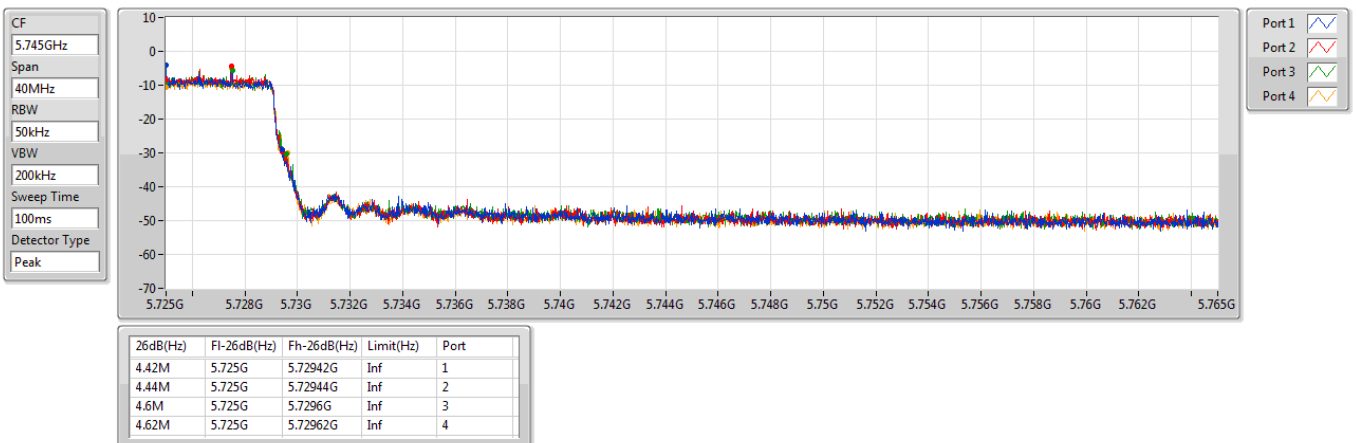
5710MHz Straddle 5.725-5.85GHz



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

EBW

5710MHz Straddle 5.725-5.85GHz





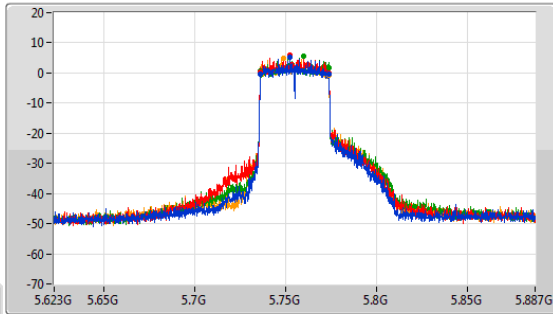
5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5755MHz

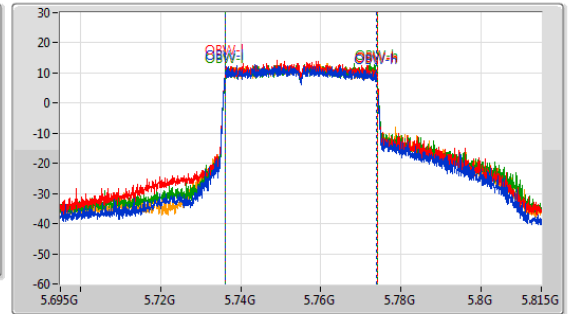
CF
5.755GHz
Span
264MHz
RBW
100kHz
VBW
300kHz
Sweep Time
100ms
Detector Type
Peak

Port 1
Port 2
Port 3
Port 4



6dB(Hz)	Fl-6dB(Hz)	Fh-6dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
37.884M	5.736124G	5.774008G	37.901M	5.736049G	5.773951G	500k	1
37.884M	5.736124G	5.774008G	37.901M	5.736109G	5.77401G	500k	2
37.752M	5.736256G	5.774008G	37.961M	5.736109G	5.77407G	500k	3
38.016M	5.735992G	5.774008G	37.901M	5.736109G	5.77401G	500k	4

CF
5.755GHz
Span
120MHz
RBW
500kHz
VBW
2MHz
Sweep Time
100ms
Detector Type
Peak



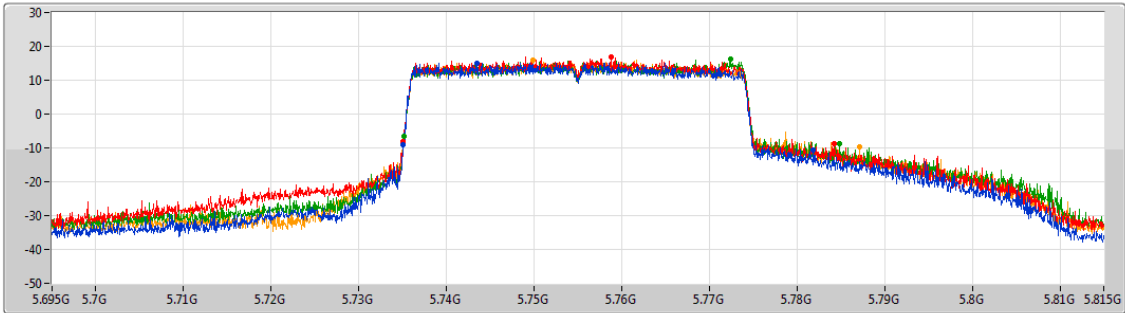
5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5755MHz

CF
5.755GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak

Port 1
Port 2
Port 3
Port 4



26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	Limit(Hz)	Port
46.8M	5.73508G	5.78188G	Inf	1
49.14M	5.73508G	5.78422G	Inf	2
49.74M	5.73514G	5.78488G	Inf	3
52.08M	5.73502G	5.7871G	Inf	4

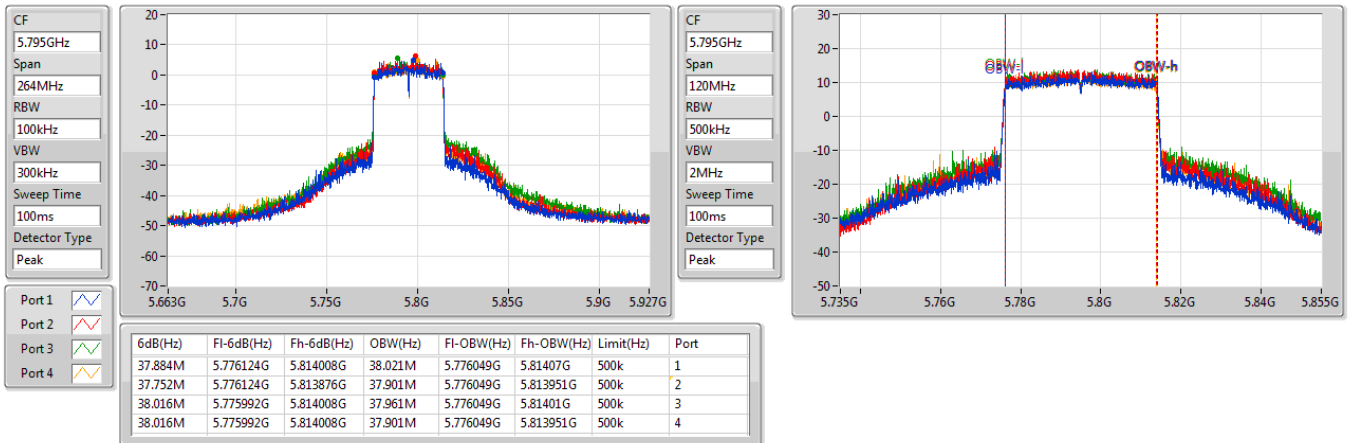
Port 1
Port 2
Port 3
Port 4



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

EBW

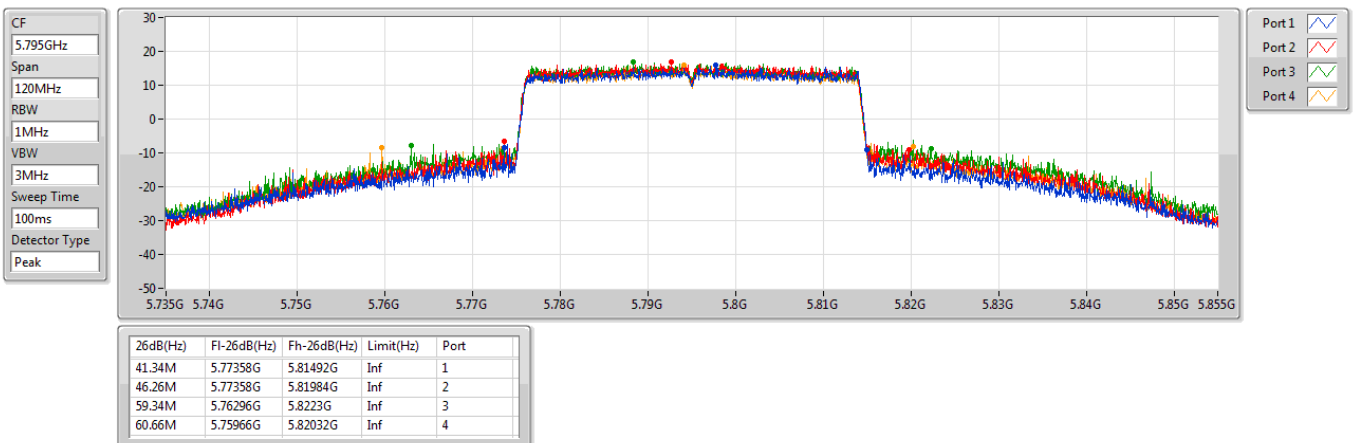
5795MHz



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

EBW

5795MHz

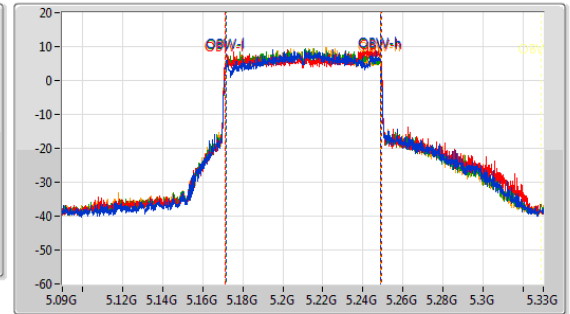
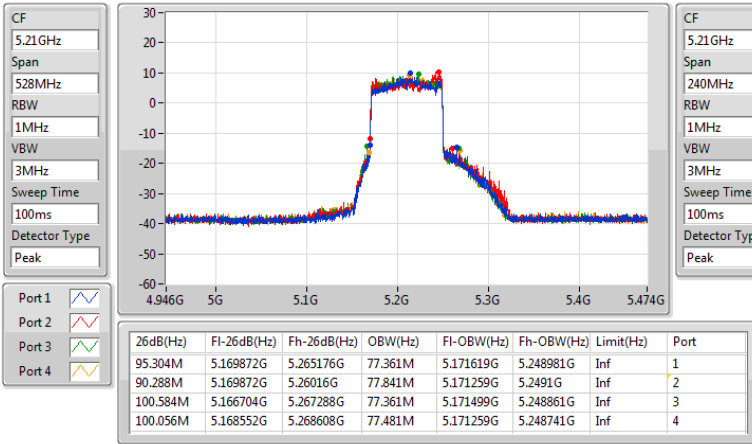




5.15-5.25GHz_802.11ax_HEW80-BF_Nss1,(MCS0)_4TX

EBW

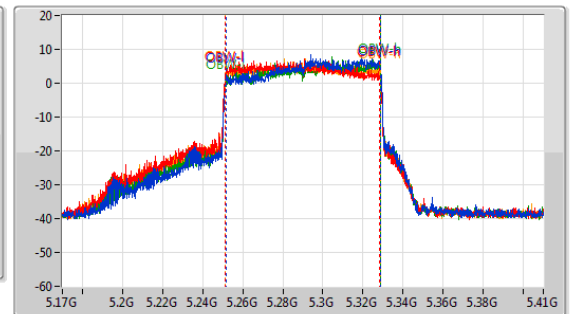
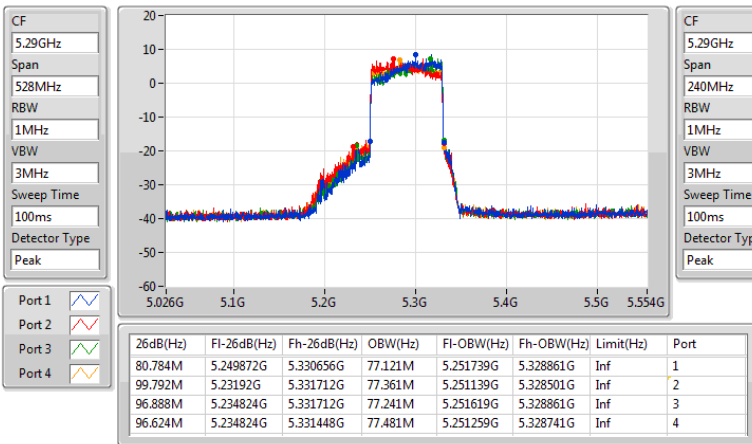
5210MHz



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

EBW

5290MHz

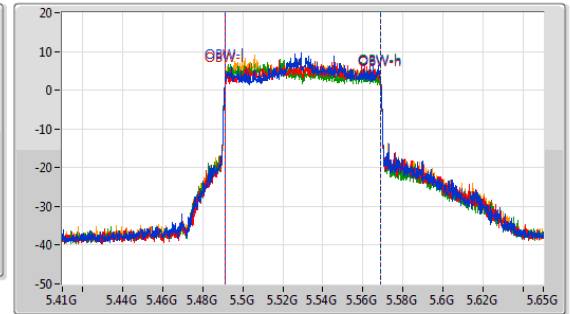
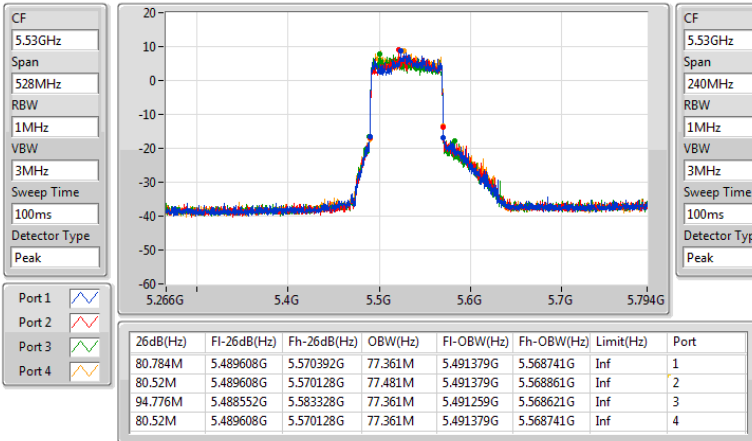




5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

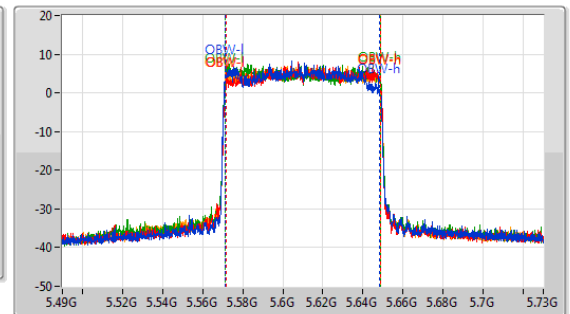
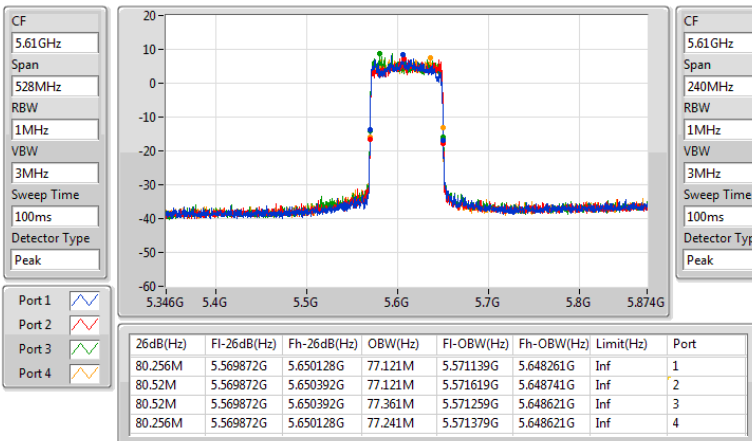
5530MHz



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

EBW

5610MHz

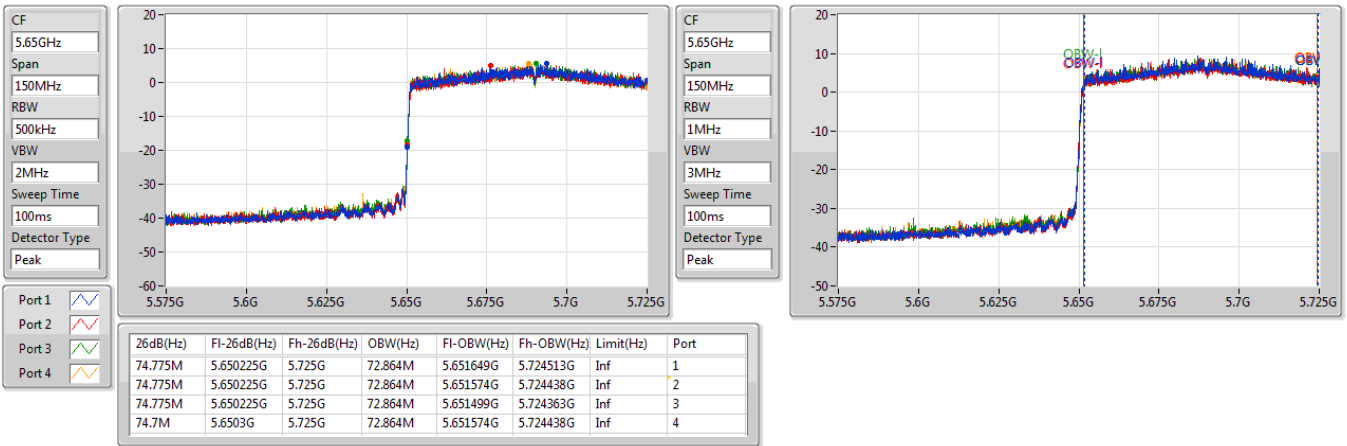




5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

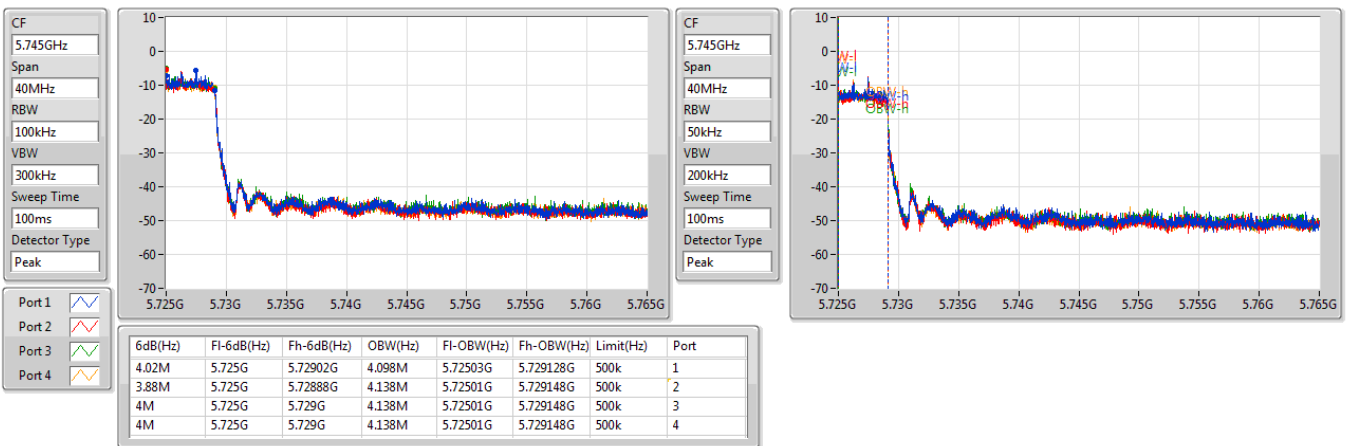
5690MHz Straddle 5.47-5.725GHz



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

EBW

5690MHz Straddle 5.725-5.85GHz

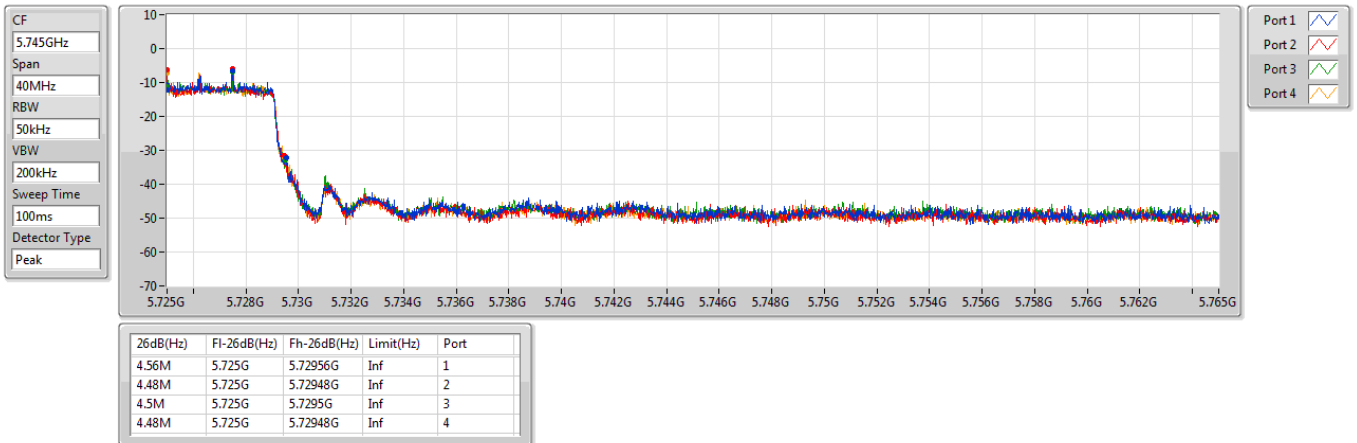




5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

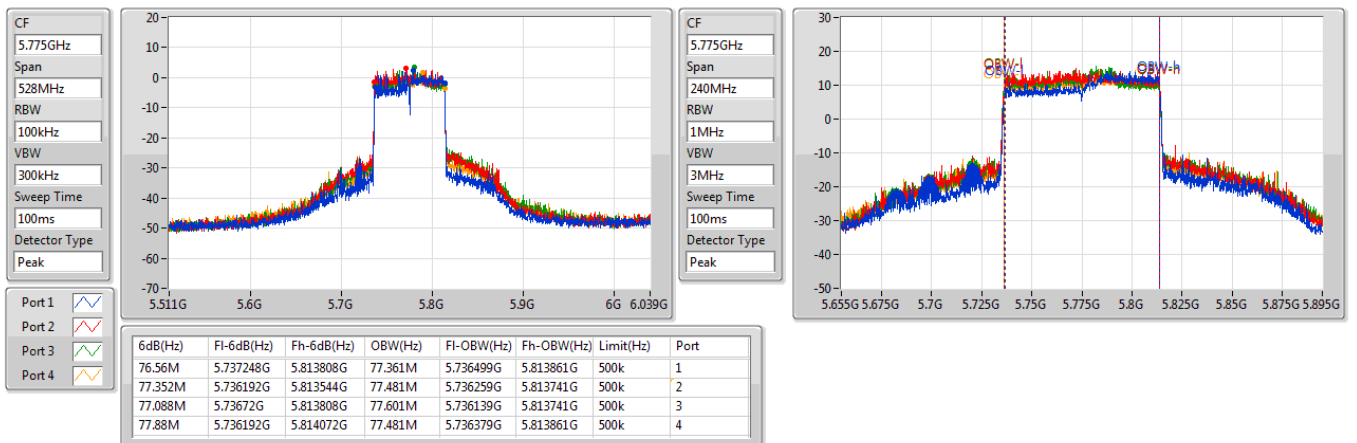
5690MHz Straddle 5.725-5.85GHz



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

EBW

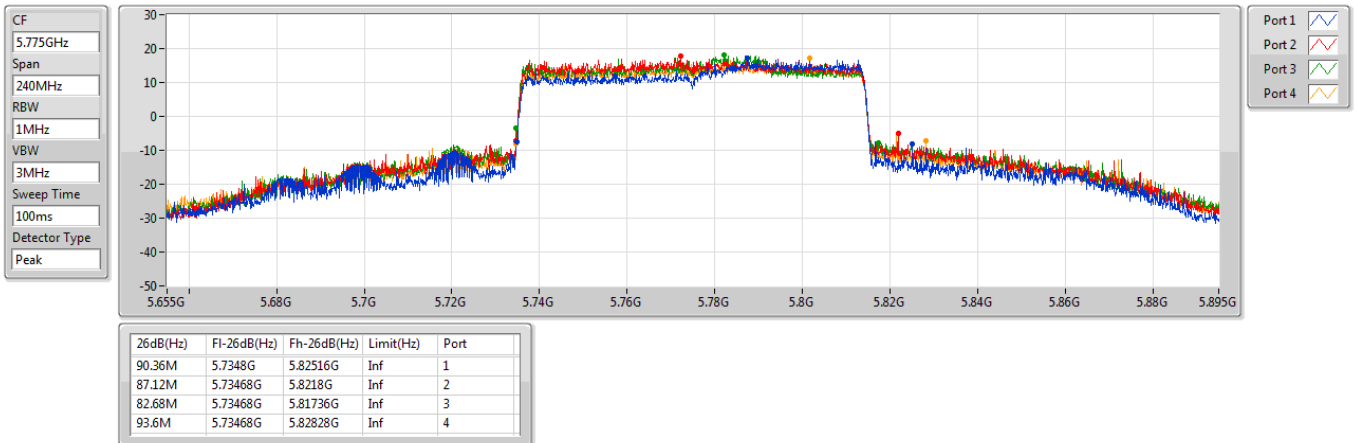
5775MHz



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

EBW

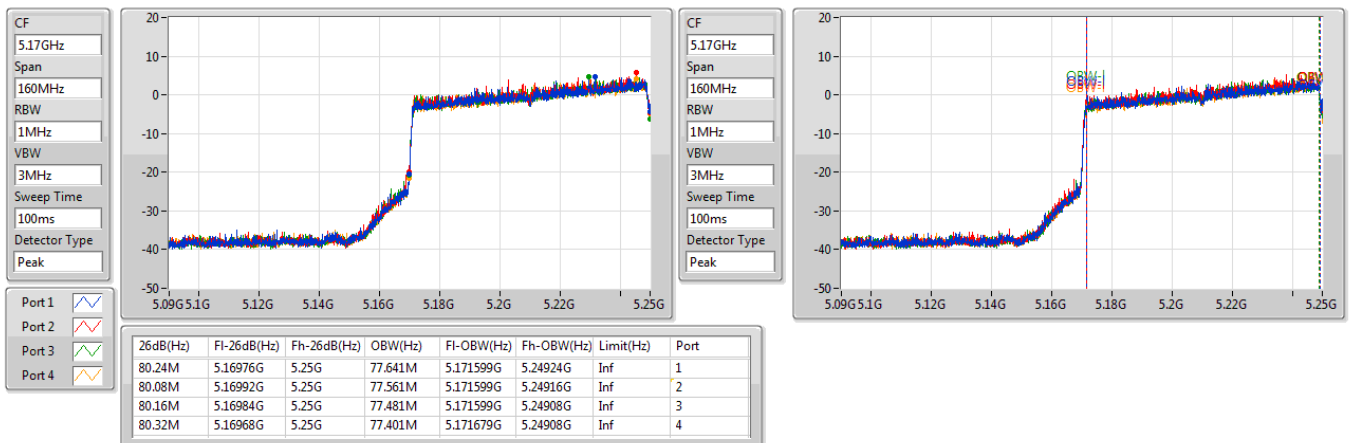
5775MHz



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

EBW

5250MHz Straddle 5.15-5.25GHz

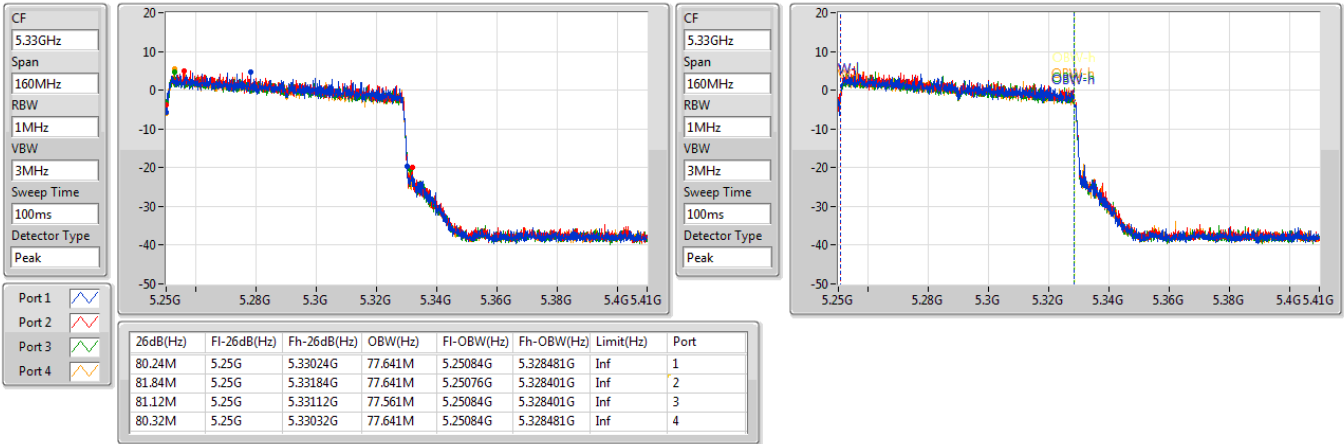




5.25-5.35GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

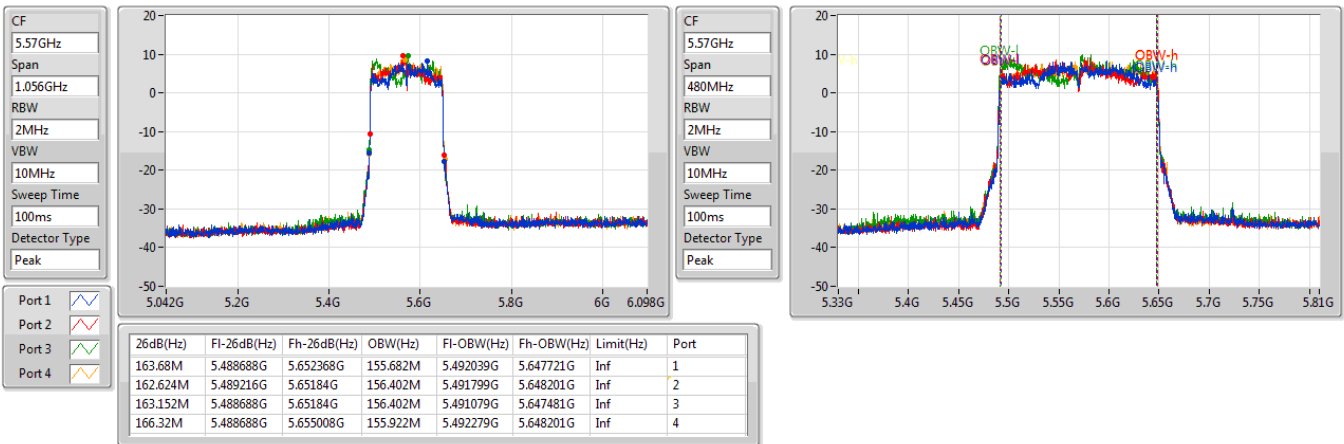
5250MHz Straddle 5.25-5.35GHz



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	26.21	0.41783	30.26	1.06170
802.11ax HEW20_Nss1,(MCS0)_4TX	26.94	0.49431	30.99	1.25603
802.11ax HEW40_Nss1,(MCS0)_4TX	27.50	0.56234	31.55	1.42889
802.11ax HEW80_Nss1,(MCS0)_4TX	21.88	0.15417	25.93	0.39174
802.11ax HEW160_Nss1,(MCS0)_4TX	17.07	0.05093	21.12	0.12942
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.03	0.10069	24.08	0.25586
802.11ax HEW20_Nss1,(MCS0)_4TX	20.54	0.11324	24.59	0.28774
802.11ax HEW40_Nss1,(MCS0)_4TX	21.63	0.14555	25.68	0.36983
802.11ax HEW80_Nss1,(MCS0)_4TX	21.43	0.13900	25.48	0.35318
802.11ax HEW160_Nss1,(MCS0)_4TX	17.27	0.05333	21.32	0.13552
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.32	0.10765	24.44	0.27797
802.11ax HEW20_Nss1,(MCS0)_4TX	20.70	0.11749	24.82	0.30339
802.11ax HEW40_Nss1,(MCS0)_4TX	22.36	0.17219	26.48	0.44463
802.11ax HEW80_Nss1,(MCS0)_4TX	23.69	0.23388	27.81	0.60395
802.11ax HEW160_Nss1,(MCS0)_4TX	21.81	0.15171	25.93	0.39174
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.53	0.89743	34.32	2.70396
802.11ax HEW20_Nss1,(MCS0)_4TX	29.49	0.88920	34.28	2.67917
802.11ax HEW40_Nss1,(MCS0)_4TX	29.50	0.89125	34.29	2.68534
802.11ax HEW80_Nss1,(MCS0)_4TX	26.76	0.47424	31.55	1.42889

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	4.053	19.96	19.85	19.84	20.25	26.00	30.00	30.05	36.00
5200MHz	Pass	4.053	20.12	20.16	20.04	20.42	26.21	30.00	30.26	36.00
5240MHz	Pass	4.053	20.05	19.98	19.62	19.61	25.84	30.00	29.89	36.00
5260MHz	Pass	4.053	14.21	14.22	13.68	13.92	20.03	24.00	24.08	30.00
5300MHz	Pass	4.053	13.94	13.81	13.84	13.39	19.77	24.00	23.82	30.00
5320MHz	Pass	4.053	13.83	13.69	13.91	13.45	19.74	24.00	23.79	30.00
5500MHz	Pass	4.120	13.89	14.01	13.65	14.45	20.03	24.00	24.15	30.00
5580MHz	Pass	4.120	14.02	14.18	14.52	14.45	20.32	24.00	24.44	30.00
5700MHz	Pass	4.120	14.12	14.55	14.26	13.89	20.23	24.00	24.35	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.120	12.9	13.14	12.86	12.57	18.89	22.89	23.01	28.89
5720MHz Straddle 5.725-5.85GHz	Pass	4.789	6.51	7.84	7.33	6.71	13.15	30.00	17.94	36.00
5745MHz	Pass	4.789	23.32	24.01	23.52	23.14	29.53	30.00	34.32	36.00
5785MHz	Pass	4.789	23.54	23.96	23.38	23.03	29.51	30.00	34.30	36.00
5825MHz	Pass	4.789	23.69	23.66	23.34	22.98	29.45	30.00	34.24	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	4.053	20.81	20.74	20.85	20.96	26.86	30.00	30.91	36.00
5200MHz	Pass	4.053	20.94	20.86	20.92	20.95	26.94	30.00	30.99	36.00
5240MHz	Pass	4.053	20.92	20.91	20.75	20.86	26.88	30.00	30.93	36.00
5260MHz	Pass	4.053	14.34	14.21	15.02	14.45	20.54	24.00	24.59	30.00
5300MHz	Pass	4.053	14.24	14.18	14.95	14.56	20.51	24.00	24.56	30.00
5320MHz	Pass	4.053	14.54	14.35	14.55	14.21	20.44	24.00	24.49	30.00
5500MHz	Pass	4.120	14.16	14.25	14.02	14.64	20.29	24.00	24.41	30.00
5580MHz	Pass	4.120	14.35	14.66	14.81	14.89	20.70	24.00	24.82	30.00
5700MHz	Pass	4.120	14.51	14.83	14.52	14.26	20.56	24.00	24.68	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	4.120	12.96	13.36	13.05	12.73	19.05	23.06	23.17	29.06
5720MHz Straddle 5.725-5.85GHz	Pass	4.789	8.02	8.48	8.1	7.75	14.12	30.00	18.91	36.00
5745MHz	Pass	4.789	23.14	24.08	23.48	23.12	29.49	30.00	34.28	36.00
5785MHz	Pass	4.789	23.15	23.96	23.37	23.02	29.41	30.00	34.20	36.00
5825MHz	Pass	4.789	23.56	23.75	23.29	22.86	29.40	30.00	34.19	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	4.053	20.35	20.41	20.38	20.56	26.45	30.00	30.50	36.00
5230MHz	Pass	4.053	21.42	21.92	21.35	21.2	27.50	30.00	31.55	36.00
5270MHz	Pass	4.053	15.72	15.78	15.36	15.31	21.57	24.00	25.62	30.00
5310MHz	Pass	4.053	15.76	15.69	15.74	15.22	21.63	24.00	25.68	30.00
5510MHz	Pass	4.120	16.24	16.44	15.94	16.69	22.36	24.00	26.48	30.00
5590MHz	Pass	4.120	15.76	16.08	16.31	16.35	22.15	24.00	26.27	30.00

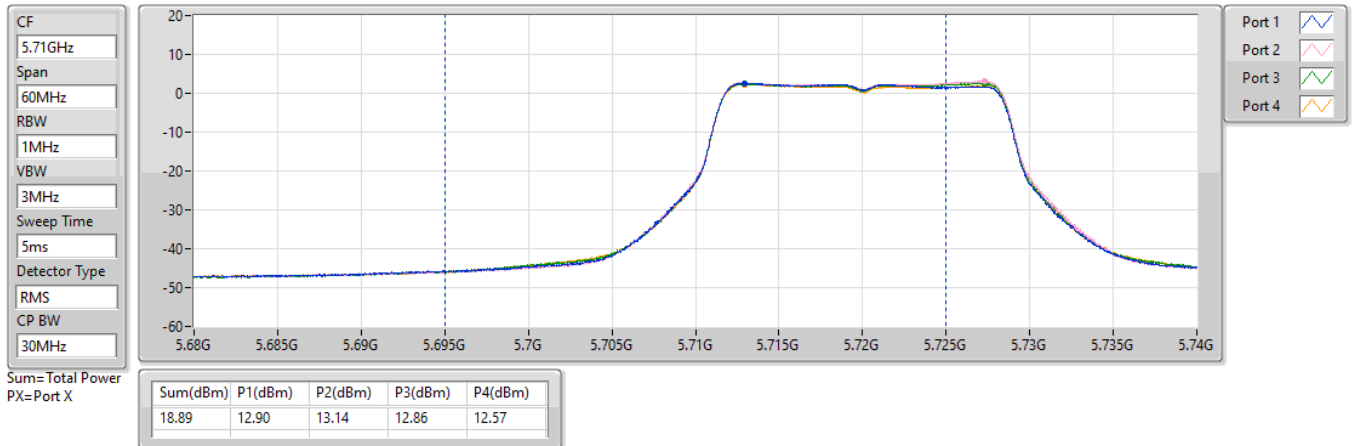
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5670MHz	Pass	4.120	16.56	16.02	16.11	16.32	22.28	24.00	26.40	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	4.120	15.86	16.36	15.94	15.58	21.96	24.00	26.08	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	4.789	4.78	5.14	4.76	4.31	10.78	30.00	15.57	36.00
5755MHz	Pass	4.789	23.42	23.97	23.43	23.06	29.50	30.00	34.29	36.00
5795MHz	Pass	4.789	23.36	23.92	23.32	22.95	29.42	30.00	34.21	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	4.053	15.75	15.72	15.74	16.19	21.88	30.00	25.93	36.00
5290MHz	Pass	4.053	15.62	15.54	15.21	15.26	21.43	24.00	25.48	30.00
5530MHz	Pass	4.120	15.81	15.86	15.44	16.31	21.89	24.00	26.01	30.00
5610MHz	Pass	4.120	17.32	17.64	17.75	17.69	23.62	24.00	27.74	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	4.120	18.01	17.42	17.55	17.66	23.69	24.00	27.81	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	4.789	3.4	2.92	2.99	2.95	9.09	30.00	13.88	36.00
5775MHz	Pass	4.789	20.51	21.28	20.56	20.54	26.76	30.00	31.55	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	4.053	11.07	11.22	10.8	11.08	17.07	30.00	21.12	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	4.053	11.36	11.6	10.93	11.07	17.27	24.00	21.32	30.00
5570MHz	Pass	4.120	15.41	15.67	15.93	16.12	21.81	24.00	25.93	30.00

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

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

AV Power

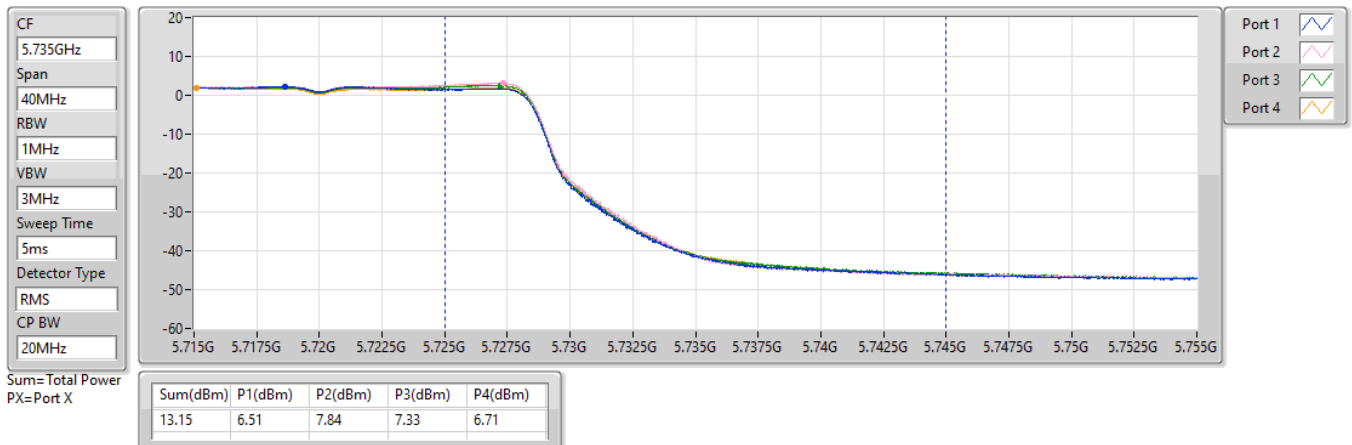
5720MHz Straddle 5.47-5.725GHz_TX



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

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

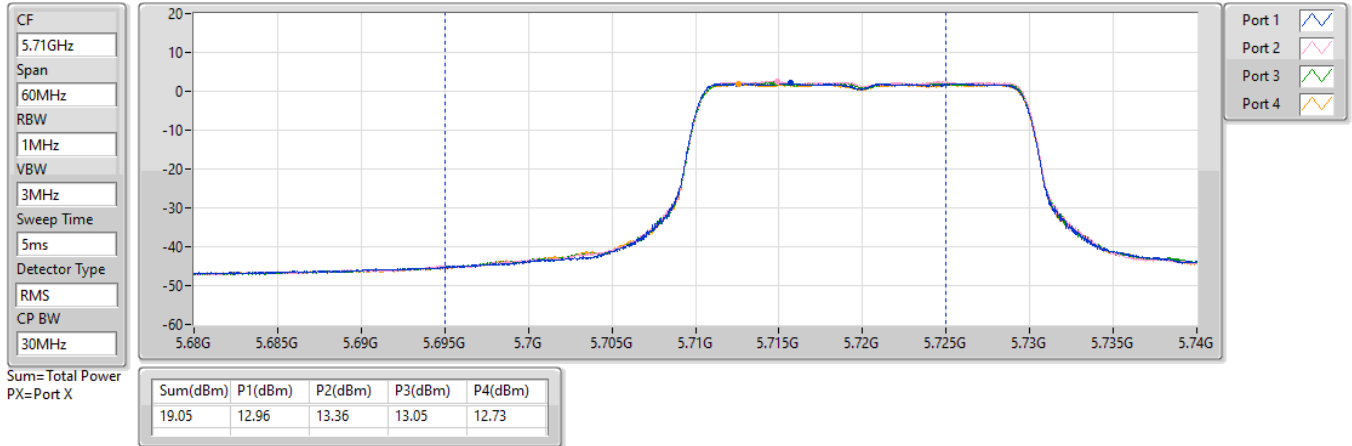




5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

AV Power

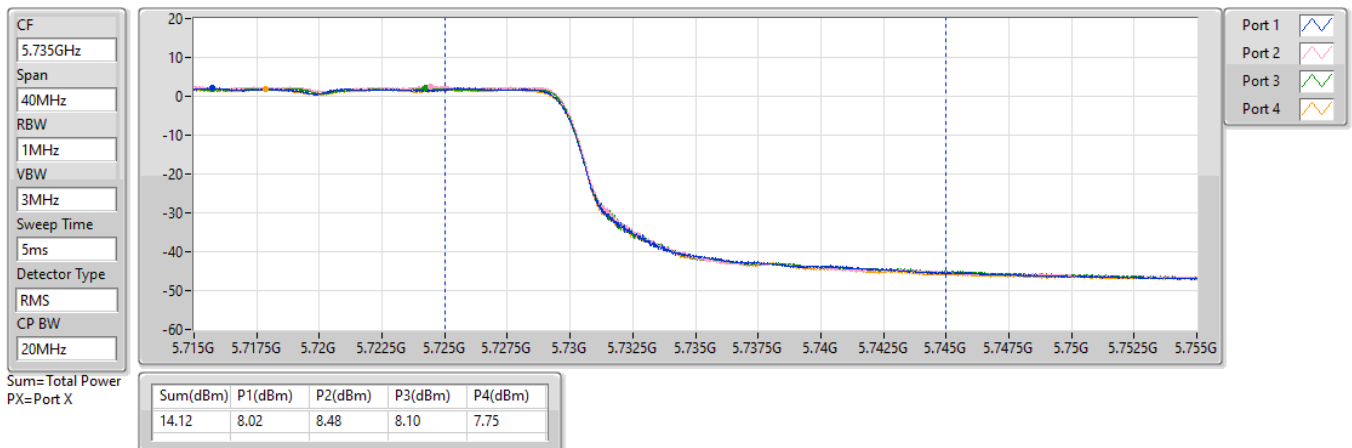
5720MHz Straddle 5.47-5.725GHz_TX



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

AV Power

5720MHz Straddle 5.725-5.85GHz_TX

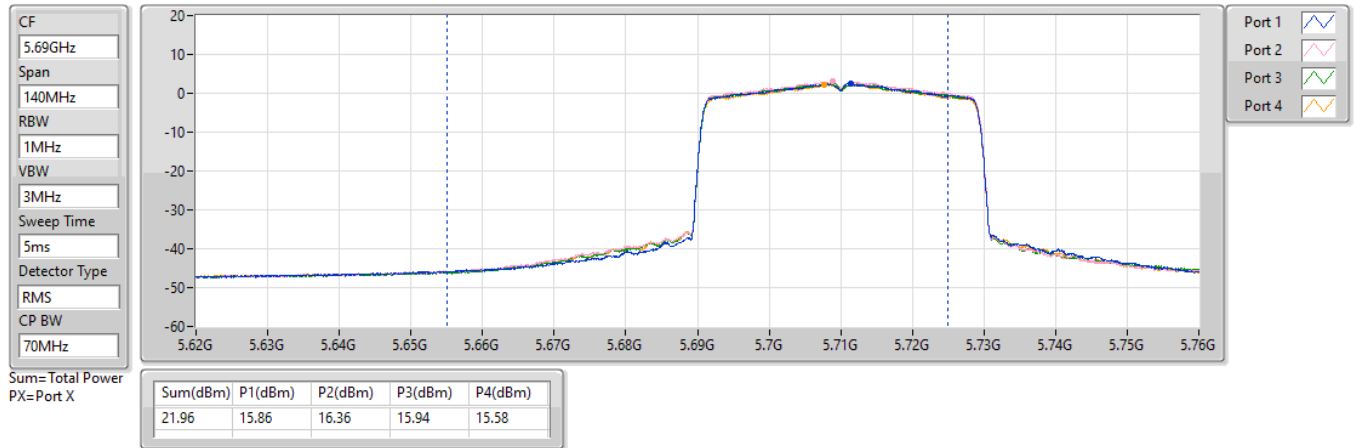




5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

AV Power

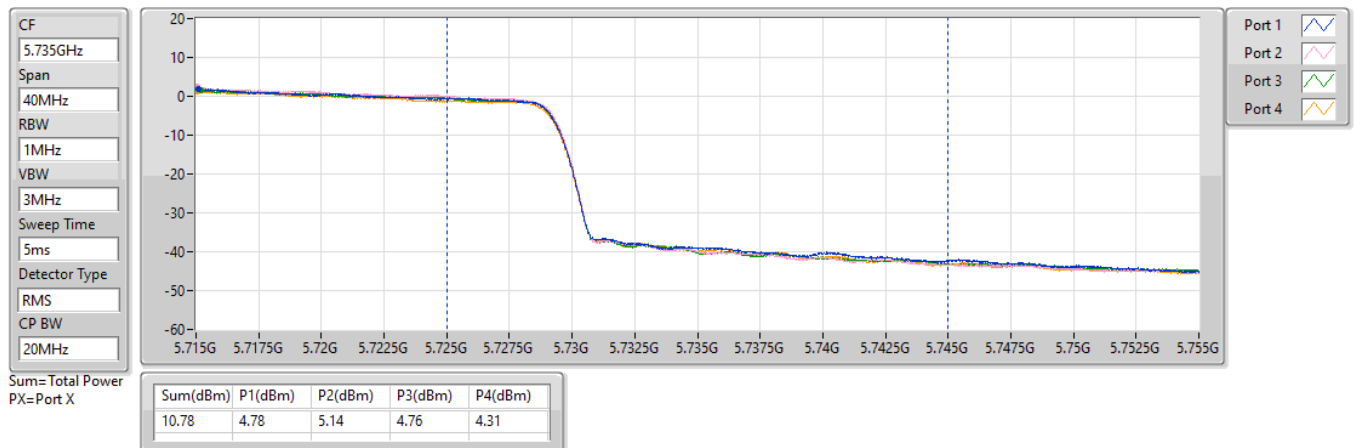
5710MHz Straddle 5.47-5.725GHz_TX



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

AV Power

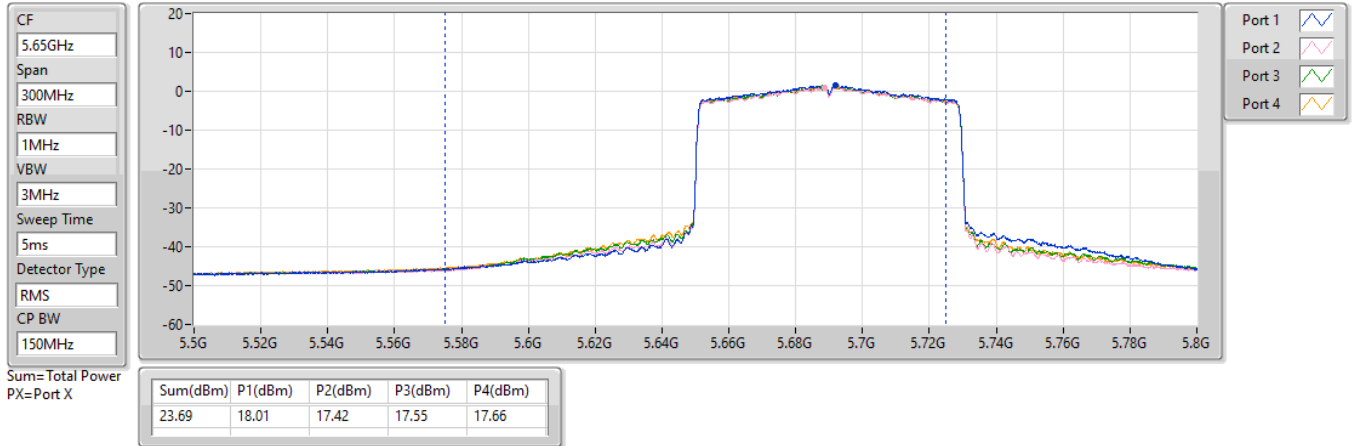
5710MHz Straddle 5.725-5.85GHz_TX



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

AV Power

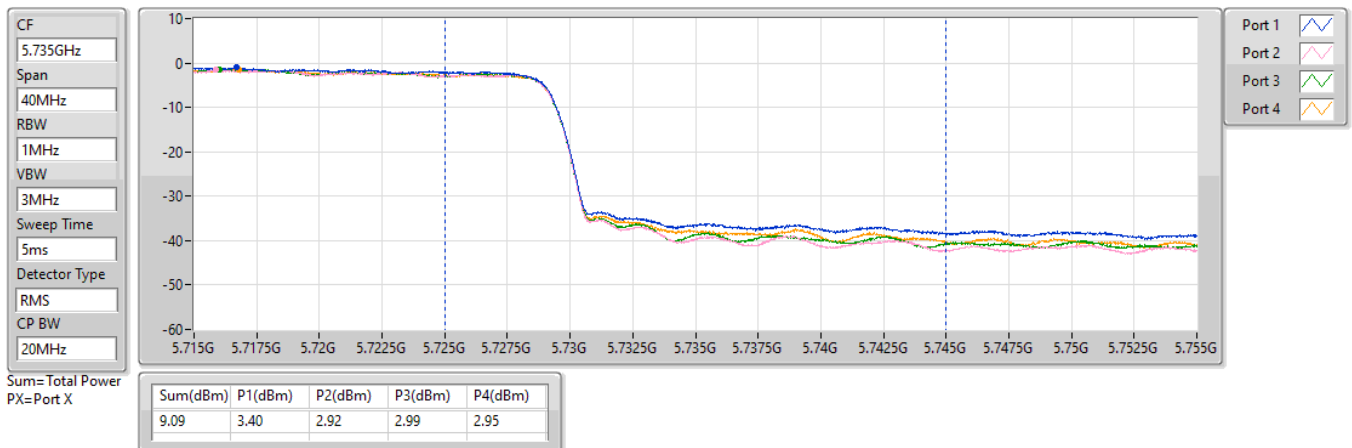
5690MHz Straddle 5.47-5.725GHz_TX



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

AV Power

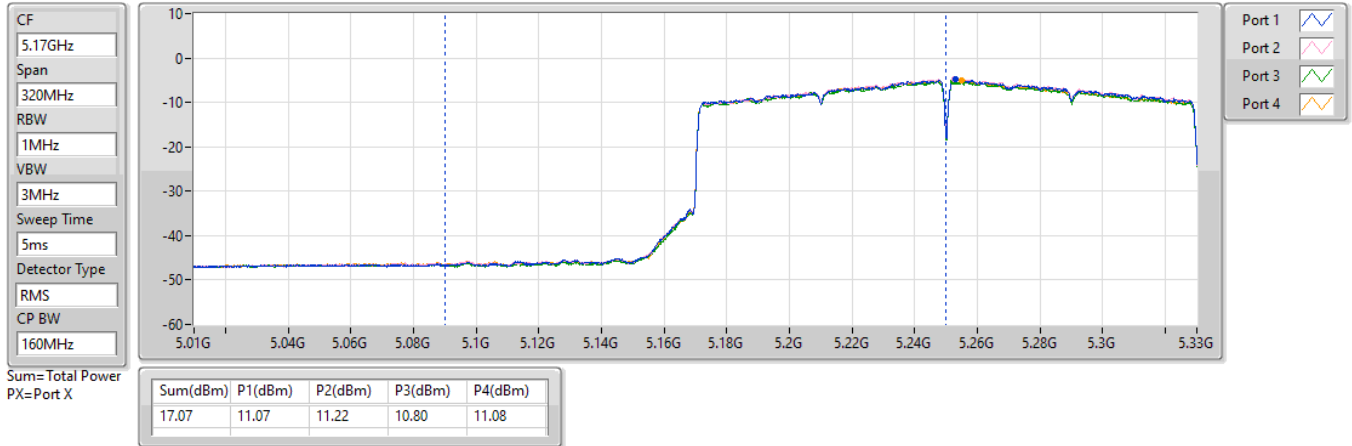
5690MHz Straddle 5.725-5.85GHz_TX



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

AV Power

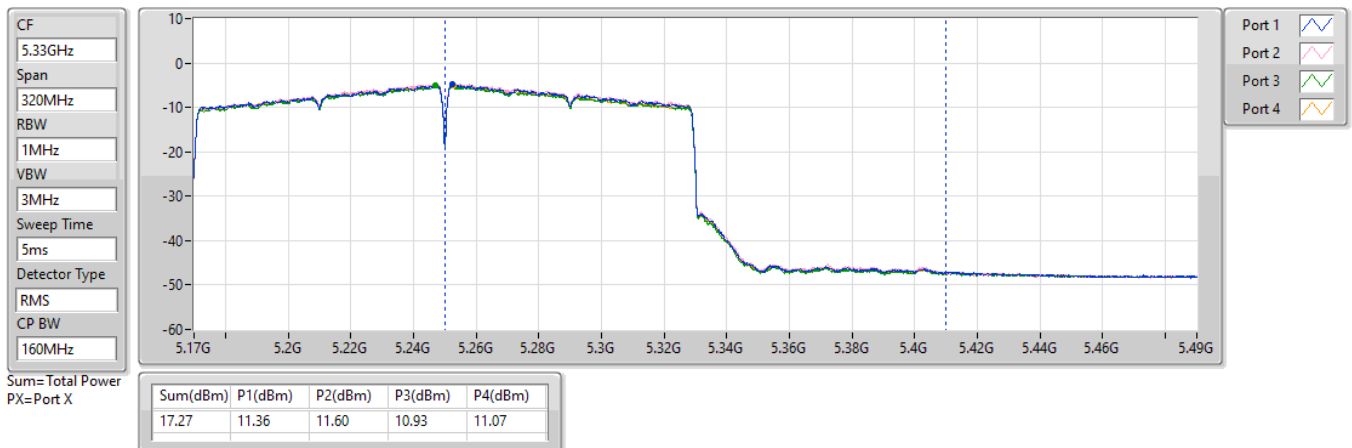
5250MHz Straddle 5.15-5.25GHz_TX



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	26.37	0.43351	35.93	3.91742
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	26.11	0.40832	35.67	3.68978
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.54	0.14256	31.10	1.28825
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	16.88	0.04875	26.44	0.44055
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	19.85	0.09661	29.80	0.95499
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	19.91	0.09795	29.86	0.96828
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	19.73	0.09397	29.68	0.92897
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	17.25	0.05309	27.20	0.52481
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.26	0.10617	29.89	0.97499
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.05	0.10116	29.68	0.92897
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.14	0.10328	29.77	0.94842
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	20.23	0.10544	29.86	0.96828
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	25.96	0.39446	35.81	3.81066
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	25.87	0.38637	35.72	3.73250
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	25.98	0.39628	35.83	3.82825

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	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.561	20.18	20.25	20.31	20.63	26.37	26.44	35.93	36.00
5200MHz	Pass	9.561	20.03	20.35	20.19	20.52	26.30	26.44	35.86	36.00
5240MHz	Pass	9.561	20.14	20.12	19.71	19.93	26.00	26.44	35.56	36.00
5260MHz	Pass	9.949	13.71	13.93	13.67	13.81	19.80	20.05	29.75	30.00
5300MHz	Pass	9.949	13.85	13.31	14.12	13.63	19.76	20.05	29.71	30.00
5320MHz	Pass	9.949	13.82	13.45	14.38	13.61	19.85	20.05	29.80	30.00
5500MHz	Pass	9.625	13.82	13.62	13.87	14.33	19.94	20.37	29.57	30.00
5580MHz	Pass	9.625	13.98	13.95	14.61	14.38	20.26	20.37	29.89	30.00
5700MHz	Pass	9.625	13.95	14.37	14.23	13.81	20.12	20.37	29.75	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.625	12.65	12.97	13.19	12.39	18.83	19.34	28.45	28.97
5720MHz Straddle 5.725-5.85GHz	Pass	9.850	6.24	8.65	8.1	6.83	13.58	26.15	23.43	36.00
5745MHz	Pass	9.850	19.28	20.01	19.75	19.62	25.69	26.15	35.54	36.00
5785MHz	Pass	9.850	19.75	19.76	20.05	19.79	25.86	26.15	35.71	36.00
5825MHz	Pass	9.850	19.87	19.68	20.18	20.03	25.96	26.15	35.81	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.561	19.74	19.85	19.84	20.02	25.88	26.44	35.44	36.00
5230MHz	Pass	9.561	20.16	19.96	19.92	20.31	26.11	26.44	35.67	36.00
5270MHz	Pass	9.949	13.77	13.49	13.74	13.55	19.66	20.05	29.61	30.00
5310MHz	Pass	9.949	14.38	13.46	14.05	13.61	19.91	20.05	29.86	30.00
5510MHz	Pass	9.625	13.43	13.84	13.63	14.18	19.80	20.37	29.43	30.00
5590MHz	Pass	9.625	13.67	13.85	14.35	14.22	20.05	20.37	29.68	30.00
5670MHz	Pass	9.625	14.11	13.41	14.35	14.17	20.04	20.37	29.66	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.625	13.79	14.34	14.12	13.51	19.97	20.37	29.59	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.850	2.62	3.35	2.95	2.23	8.83	26.15	18.68	36.00
5755MHz	Pass	9.850	19.31	20.22	19.75	19.82	25.81	26.15	35.66	36.00
5795MHz	Pass	9.850	19.45	20.07	20.09	19.76	25.87	26.15	35.72	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.561	15.43	15.21	15.42	15.97	21.54	26.44	31.10	36.00
5290MHz	Pass	9.949	13.91	13.71	13.46	13.76	19.73	20.05	29.68	30.00
5530MHz	Pass	9.625	13.83	14.15	14.05	14.42	20.14	20.37	29.77	30.00
5610MHz	Pass	9.625	13.54	13.95	14.55	14.03	20.05	20.37	29.68	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.625	14.27	13.82	14.16	13.99	20.08	20.37	29.70	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.850	-0.24	-0.62	-0.35	-0.66	5.56	26.15	15.41	36.00
5775MHz	Pass	9.850	19.53	20.22	20.21	19.84	25.98	26.15	35.83	36.00

**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)
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.561	10.85	11.15	10.77	10.66	16.88	26.44	26.44	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	9.949	11.35	11.49	10.98	11.06	17.25	20.05	27.20	30.00
5570MHz	Pass	9.625	13.32	14.25	14.64	14.52	20.23	20.37	29.86	30.00

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

Remarks:

For 5180~5240MHz:

Directional gain = $10 \times \log((10^{3.664/20} + 10^{2.81/20} + 10^{3.587/20} + 10^{4.053/20})^2/4) = 9.561 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to 30 dBm – (9.561dBi – 6dBi) = 26.44 dBm

For 5260~5320MHz:

Directional gain = $10 \times \log((10^{3.749/20} + 10^{3.951/20} + 10^{3.956/20} + 10^{4.053/20})^2/4) = 9.949 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to 24 dBm – (9.949dBi – 6dBi) = 20.05 dBm

For 5500~5700MHz:

Directional gain = $10 \times \log((10^{2.763/20} + 10^{3.35/20} + 10^{4.111/20} + 10^{4.12/20})^2/4) = 9.625 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to 24 dBm – (9.625dBi – 6dBi) = 20.37 dBm

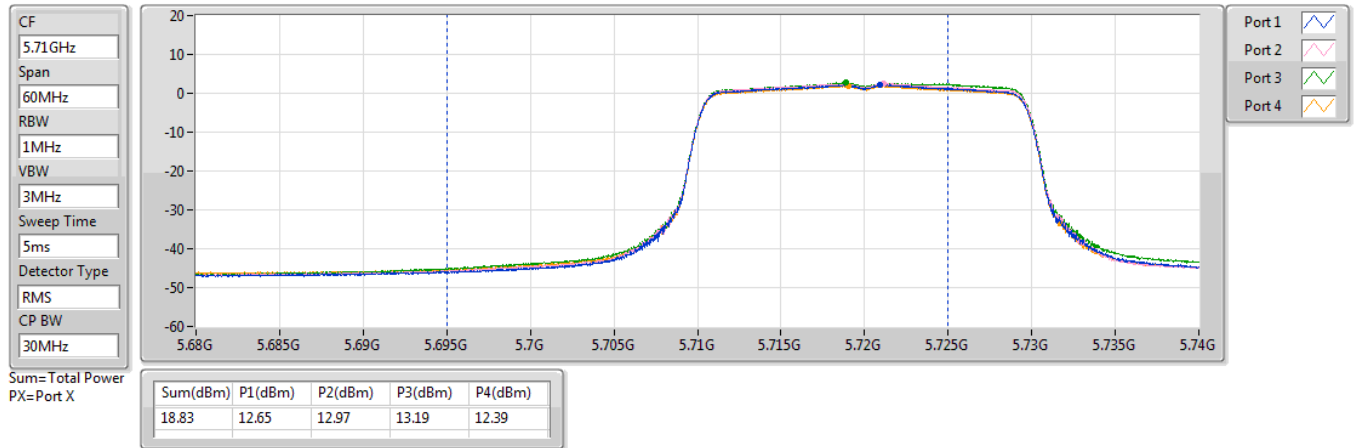
For 5745~5825MHz:

Directional gain = $10 \times \log((10^{2.649/20} + 10^{3.759/20} + 10^{3.986/20} + 10^{4.789/20})^2/4) = 9.850 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to 30 dBm – (9.850dBi – 6dBi) = 26.15 dBm

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

AV Power

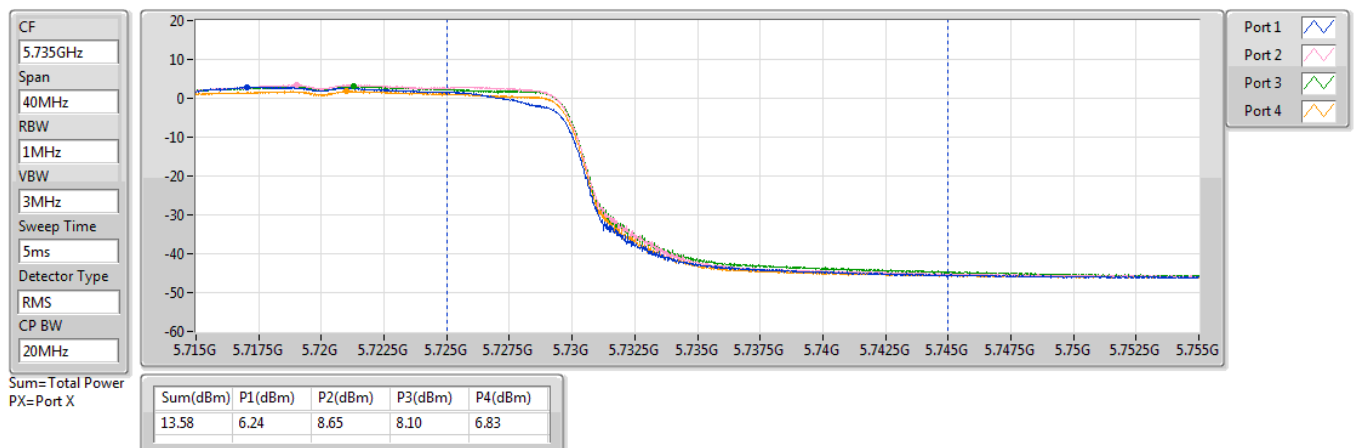
5720MHz Straddle 5.47-5.725GHz_TX



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

AV Power

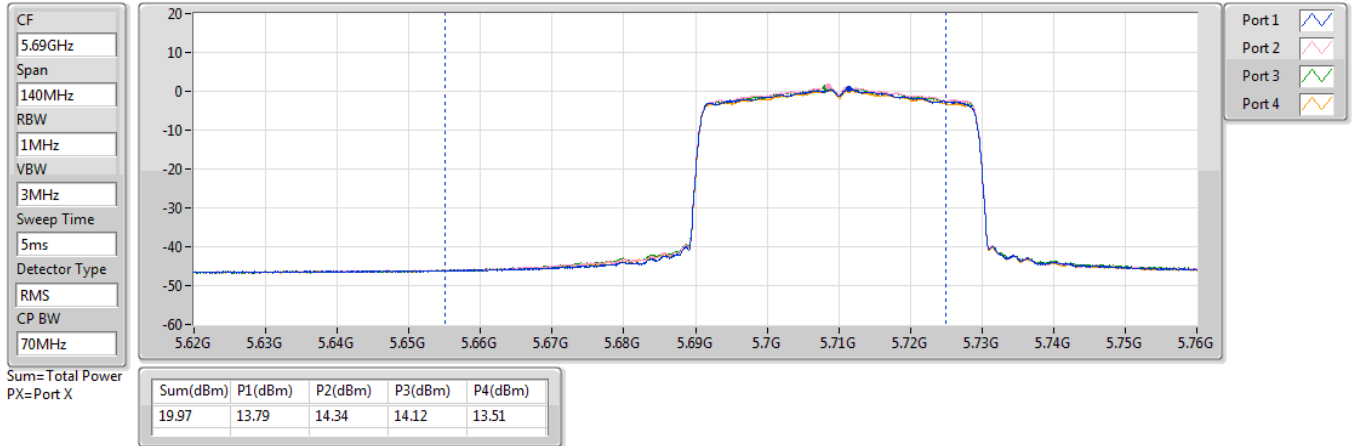
5720MHz Straddle 5.725-5.85GHz_TX



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

AV Power

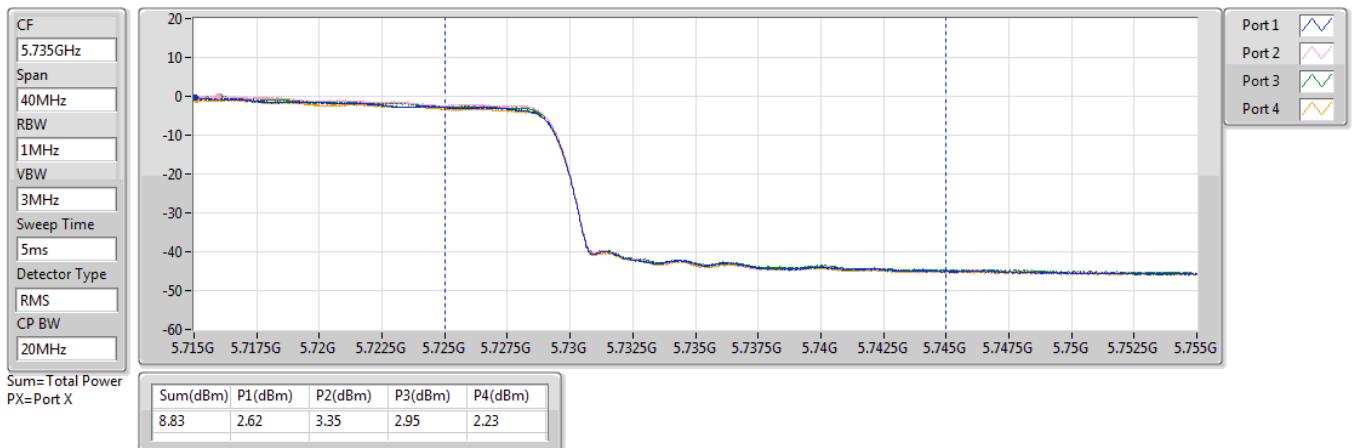
5710MHz Straddle 5.47-5.725GHz_TX



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

AV Power

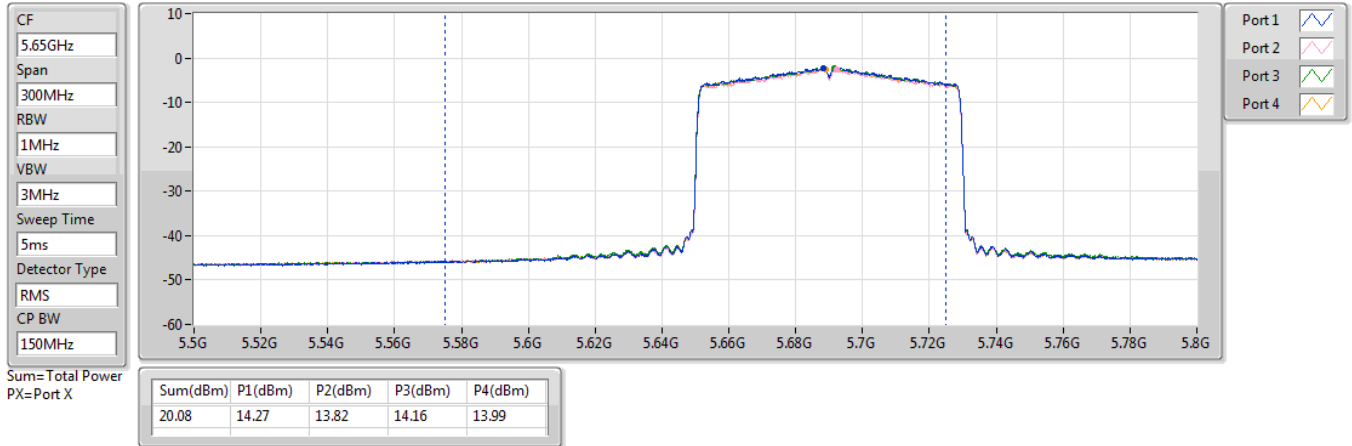
5710MHz Straddle 5.725-5.85GHz_TX



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

AV Power

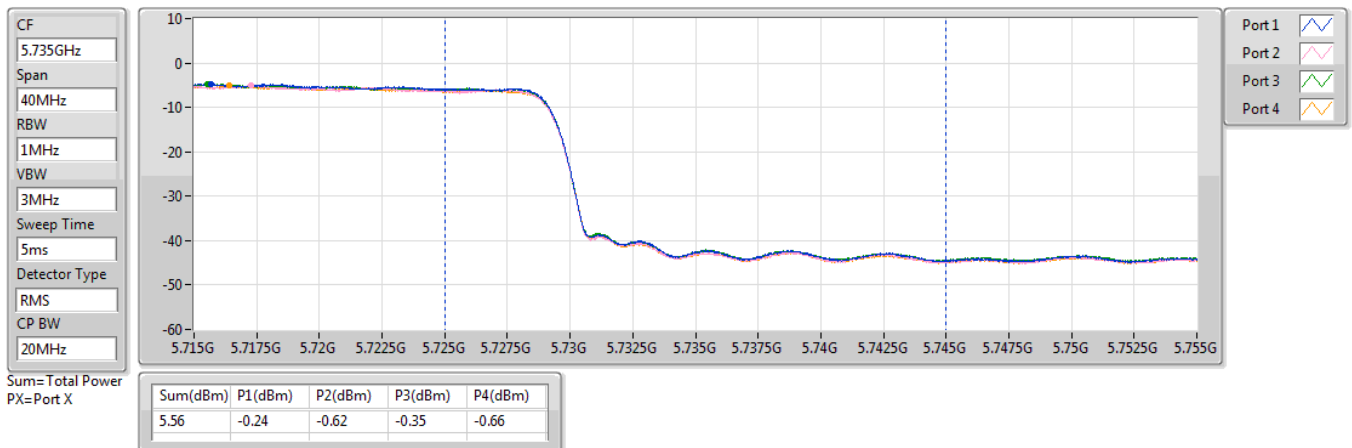
5690MHz Straddle 5.47-5.725GHz_TX



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

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

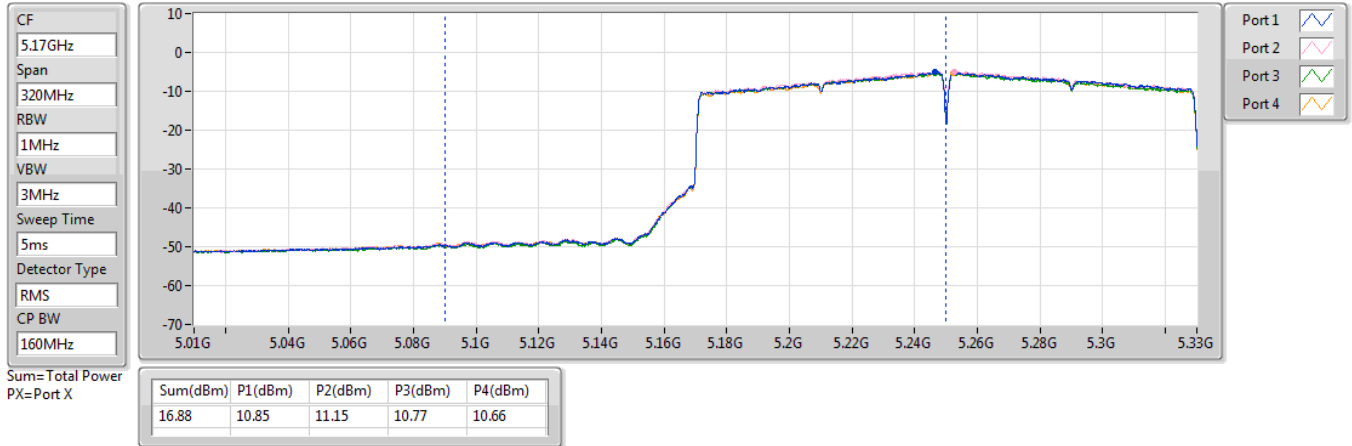




5.15-5.25GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

AV Power

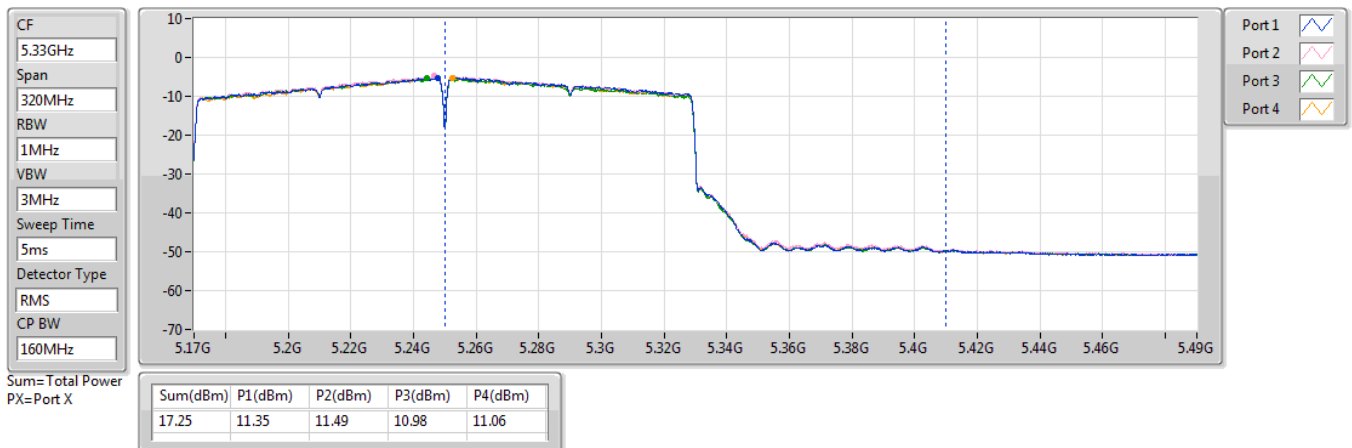
5250MHz Straddle 5.15-5.25GHz_TX



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	12.85	22.41
802.11ax HEW20_Nss1,(MCS0)_4TX	13.17	22.73
802.11ax HEW40_Nss1,(MCS0)_4TX	12.18	21.74
802.11ax HEW80_Nss1,(MCS0)_4TX	3.80	13.36
802.11ax HEW160_Nss1,(MCS0)_4TX	-1.26	8.30
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	6.86	16.81
802.11ax HEW20_Nss1,(MCS0)_4TX	6.69	16.64
802.11ax HEW40_Nss1,(MCS0)_4TX	6.47	16.42
802.11ax HEW80_Nss1,(MCS0)_4TX	3.39	13.34
802.11ax HEW160_Nss1,(MCS0)_4TX	-0.98	8.97
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	7.24	16.87
802.11ax HEW20_Nss1,(MCS0)_4TX	6.93	16.55
802.11ax HEW40_Nss1,(MCS0)_4TX	7.18	16.80
802.11ax HEW80_Nss1,(MCS0)_4TX	5.55	15.18
802.11ax HEW160_Nss1,(MCS0)_4TX	0.96	10.59
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	14.89	24.74
802.11ax HEW20_Nss1,(MCS0)_4TX	13.89	23.74
802.11ax HEW40_Nss1,(MCS0)_4TX	12.52	22.37
802.11ax HEW80_Nss1,(MCS0)_4TX	7.06	16.91

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	9.561	6.93	6.86	6.82	7.09	12.74	13.44	22.30	23.00
5200MHz	Pass	9.561	7.04	7.12	7.09	7.26	12.85	13.44	22.41	23.00
5240MHz	Pass	9.561	7.13	6.92	6.51	6.65	12.72	13.44	22.28	23.00
5260MHz	Pass	9.949	1.20	1.13	1.05	0.99	6.86	7.05	16.81	17.00
5300MHz	Pass	9.949	1.00	1.09	1.08	0.40	6.63	7.05	16.58	17.00
5320MHz	Pass	9.949	1.00	0.85	1.11	0.15	6.58	7.05	16.53	17.00
5500MHz	Pass	9.625	1.14	1.07	0.69	1.35	6.92	7.37	16.55	17.00
5580MHz	Pass	9.625	1.03	1.53	1.52	1.59	7.24	7.37	16.87	17.00
5700MHz	Pass	9.625	1.38	1.55	1.48	0.40	7.07	7.37	16.70	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.625	1.04	1.34	0.89	0.80	6.97	7.37	16.59	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.850	-0.34	0.99	0.65	-0.28	6.22	26.15	16.07	36.00
5745MHz	Pass	9.850	8.70	9.73	9.18	8.44	14.89	26.15	24.74	36.00
5785MHz	Pass	9.850	8.59	9.43	9.01	8.33	14.68	26.15	24.53	36.00
5825MHz	Pass	9.850	8.98	9.17	8.75	8.35	14.63	26.15	24.48	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.561	7.34	7.19	7.31	7.82	13.17	13.44	22.73	23.00
5200MHz	Pass	9.561	7.47	7.33	7.37	7.44	13.08	13.44	22.64	23.00
5240MHz	Pass	9.561	7.50	7.44	7.08	6.97	12.99	13.44	22.55	23.00
5260MHz	Pass	9.949	1.22	1.13	0.83	0.71	6.69	7.05	16.64	17.00
5300MHz	Pass	9.949	1.02	0.95	1.20	0.77	6.64	7.05	16.59	17.00
5320MHz	Pass	9.949	1.06	1.11	1.03	0.17	6.58	7.05	16.53	17.00
5500MHz	Pass	9.625	1.27	1.13	0.71	1.30	6.86	7.37	16.48	17.00
5580MHz	Pass	9.625	0.83	1.22	1.51	1.47	6.93	7.37	16.55	17.00
5700MHz	Pass	9.625	0.94	1.45	1.43	0.27	6.70	7.37	16.32	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.625	0.69	1.52	0.86	0.49	6.60	7.37	16.23	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.850	-0.27	0.60	0.17	-0.55	5.80	26.15	15.65	36.00
5745MHz	Pass	9.850	7.75	8.69	8.32	7.57	13.89	26.15	23.74	36.00
5785MHz	Pass	9.850	7.67	8.58	8.22	7.45	13.72	26.15	23.57	36.00
5825MHz	Pass	9.850	7.81	8.00	7.85	7.37	13.54	26.15	23.39	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.561	5.45	5.91	5.52	5.69	11.48	13.44	21.04	23.00
5230MHz	Pass	9.561	6.60	6.60	6.07	6.15	12.18	13.44	21.74	23.00
5270MHz	Pass	9.949	0.88	0.74	0.52	0.50	6.47	7.05	16.42	17.00
5310MHz	Pass	9.949	0.64	0.89	0.73	0.18	6.41	7.05	16.36	17.00
5510MHz	Pass	9.625	1.48	1.23	1.07	1.95	7.18	7.37	16.80	17.00

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)
5590MHz	Pass	9.625	0.90	0.98	1.56	1.32	6.98	7.37	16.61	17.00
5670MHz	Pass	9.625	1.63	1.25	1.45	1.38	7.12	7.37	16.75	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.625	1.28	1.58	1.35	0.92	7.02	7.37	16.64	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.850	-2.97	-2.13	-2.51	-3.33	3.12	26.15	12.97	36.00
5755MHz	Pass	9.850	6.66	7.37	6.79	5.96	12.50	26.15	22.35	36.00
5795MHz	Pass	9.850	6.68	7.52	6.70	5.98	12.52	26.15	22.37	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.561	-2.15	-1.89	-2.11	-1.92	3.80	13.44	13.36	23.00
5290MHz	Pass	9.949	-1.97	-2.31	-2.76	-2.89	3.39	7.05	13.34	17.00
5530MHz	Pass	9.625	-2.30	-2.00	-2.56	-1.70	3.68	7.37	13.30	17.00
5610MHz	Pass	9.625	-1.18	-0.93	-0.33	-0.50	5.16	7.37	14.79	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.625	0.10	-0.37	-0.27	-0.14	5.55	7.37	15.18	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.850	-4.76	-5.17	-4.75	-4.90	0.95	26.15	10.80	36.00
5775MHz	Pass	9.850	0.74	1.73	1.33	0.93	7.06	26.15	16.91	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.561	-7.21	-6.81	-7.33	-7.14	-1.26	13.44	8.30	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	9.949	-6.84	-6.49	-7.30	-7.10	-0.98	7.05	8.97	17.00
5570MHz	Pass	9.625	-5.72	-5.03	-4.78	-4.47	0.96	7.37	10.59	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;

Remarks:

For 5180~5240MHz:

Directional gain = $10 \times \log((10^{3.664/20} + 10^{2.81/20} + 10^{3.587/20} + 10^{4.053/20})^2/4) = 9.561 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to 17 dBm – (9.561dBi – 6dBi) = 13.44 dBm

For 5260~5320MHz:

Directional gain = $10 \times \log((10^{3.749/20} + 10^{3.951/20} + 10^{3.956/20} + 10^{4.053/20})^2/4) = 9.949 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to 11 dBm – (9.949dBi – 6dBi) = 7.05 dBm

For 5500~5700MHz:

Directional gain = $10 \times \log((10^{2.763/20} + 10^{3.35/20} + 10^{4.111/20} + 10^{4.12/20})^2/4) = 9.625 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to 11 dBm – (9.625dBi – 6dBi) = 7.37 dBm

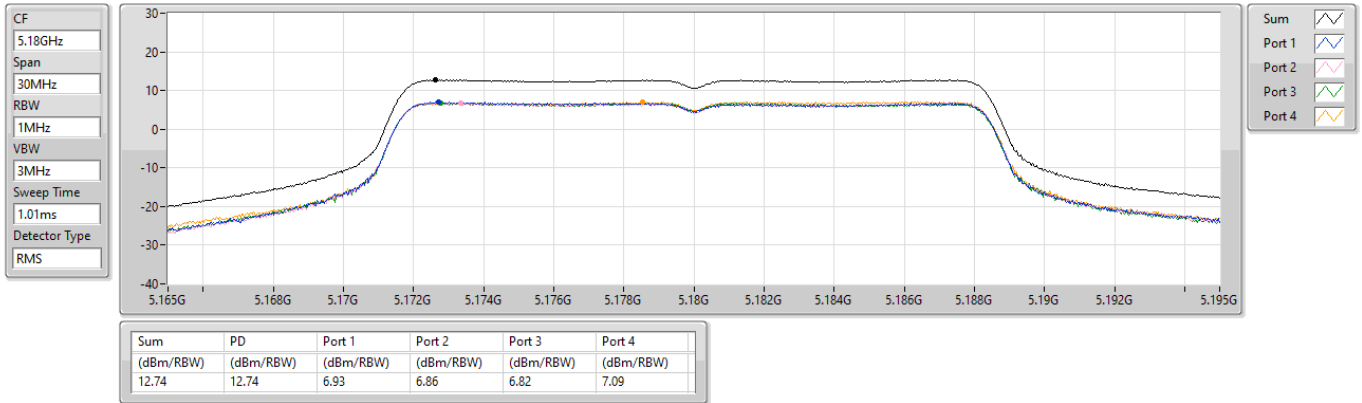
For 5745~5825MHz:

Directional gain = $10 \times \log((10^{2.649/20} + 10^{3.759/20} + 10^{3.986/20} + 10^{4.789/20})^2/4) = 9.850 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to 30 dBm – (9.850dBi – 6dBi) = 26.15 dBm

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

PSD

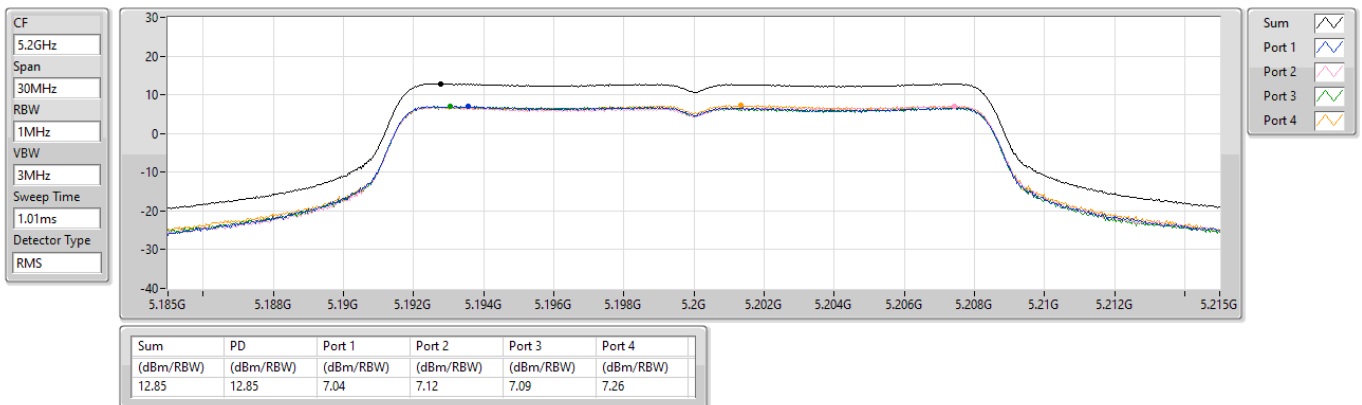
5180MHz



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

PSD

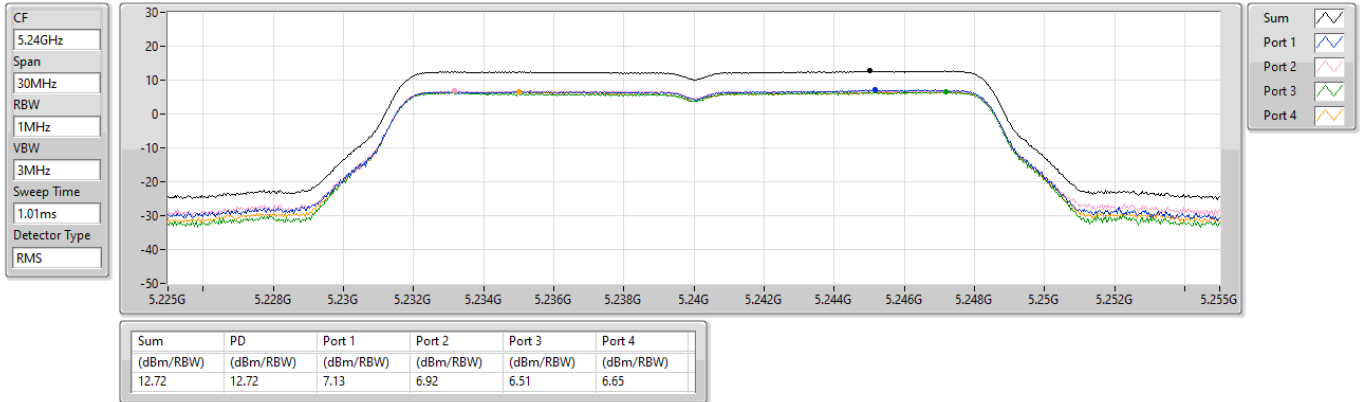
5200MHz



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

PSD

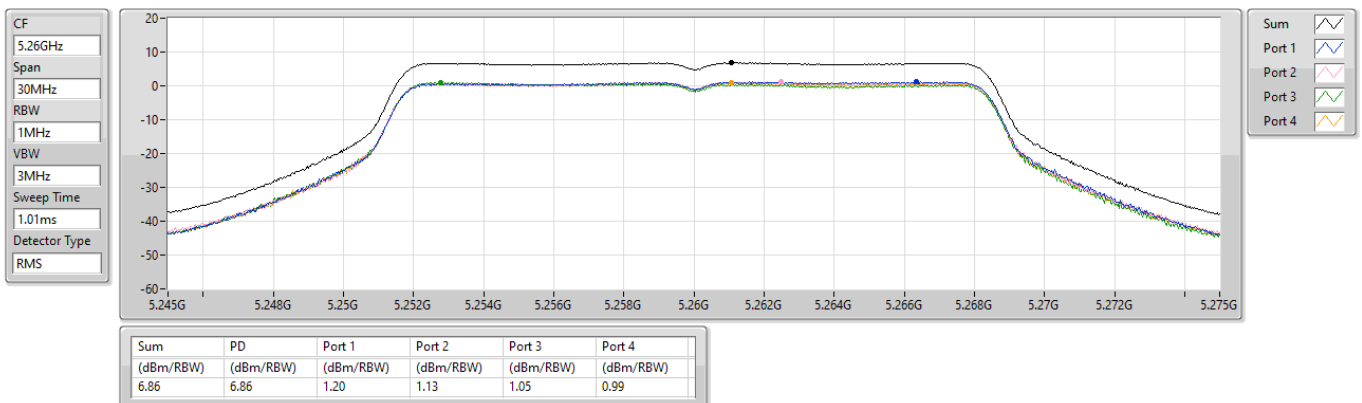
5240MHz



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

PSD

5260MHz



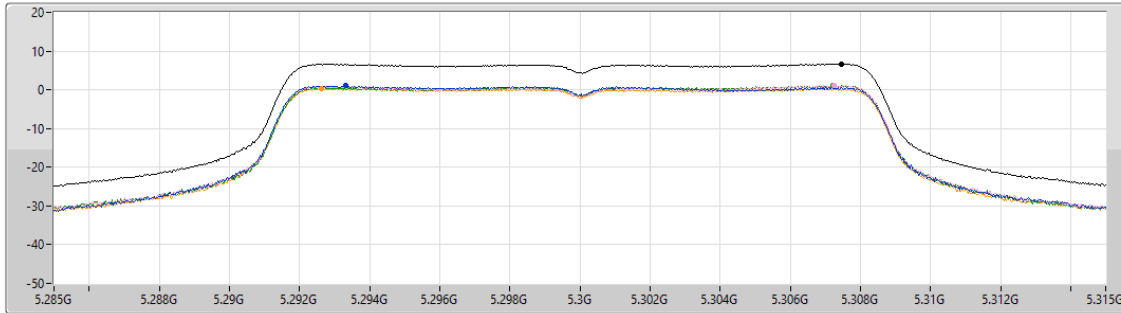


5.25-5.35GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

CF
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

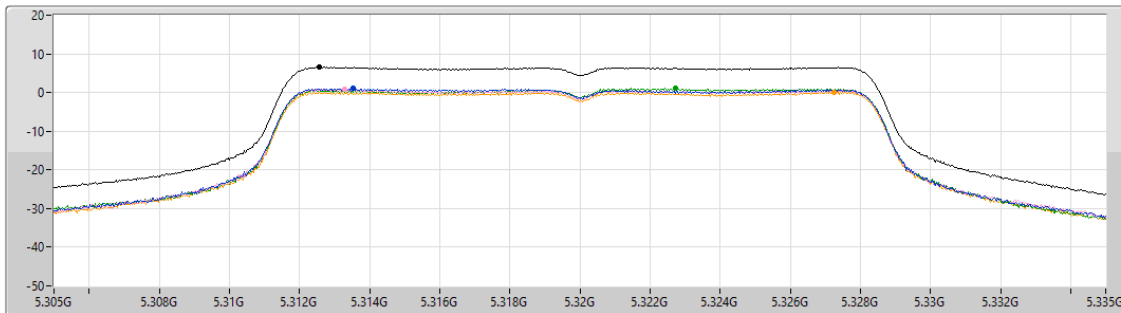
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.63	6.63	1.00	1.09	1.08	0.40

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

PSD

5320MHz

CF
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



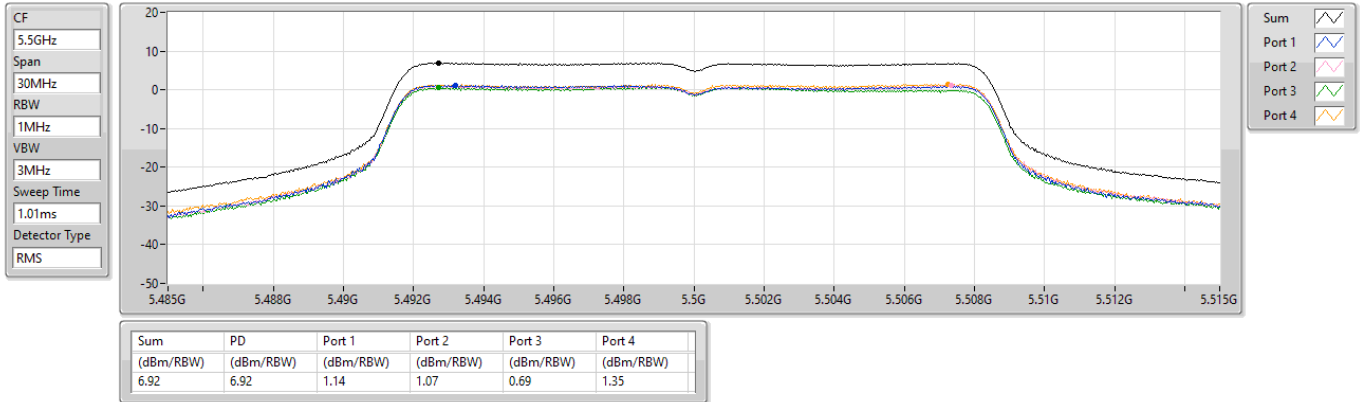
Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.58	6.58	1.00	0.85	1.11	0.15

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

PSD

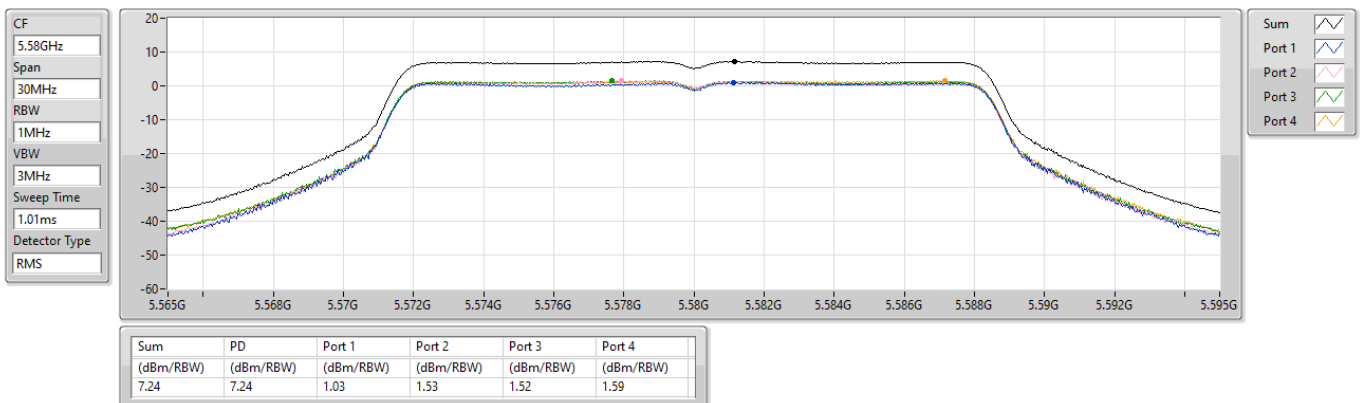
5500MHz



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

PSD

5580MHz



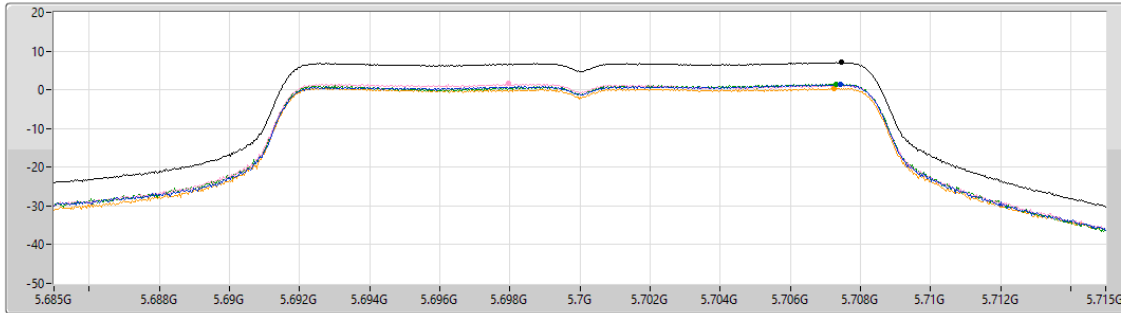


5.47-5.725GHz_802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



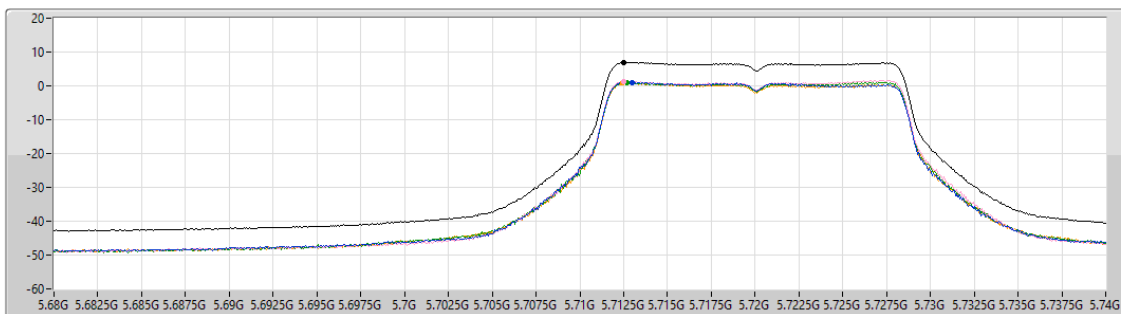
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.07	7.07	1.38	1.55	1.48	0.40

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

PSD

5720MHz Straddle 5.47-5.725GHz

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS

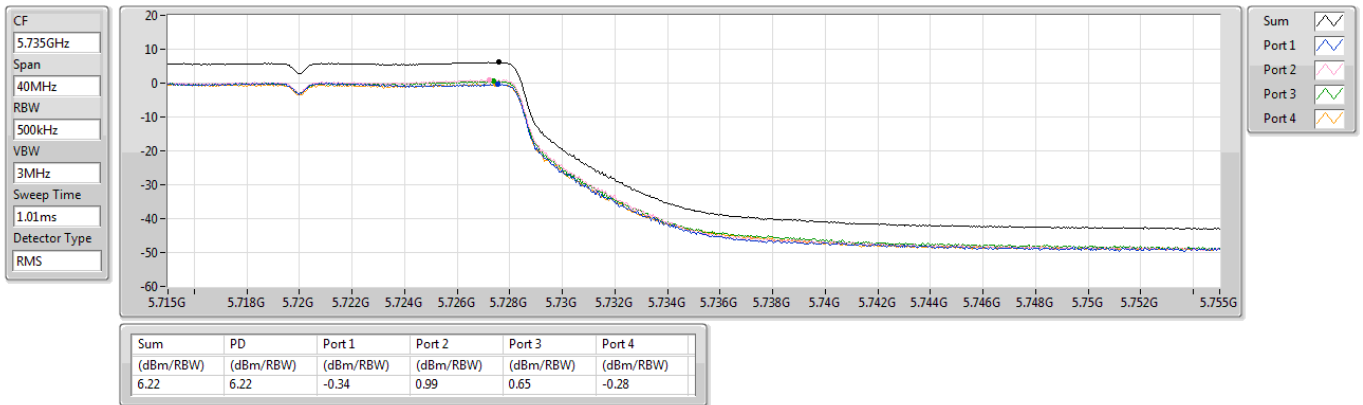


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.97	6.97	1.04	1.34	0.89	0.80

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

PSD

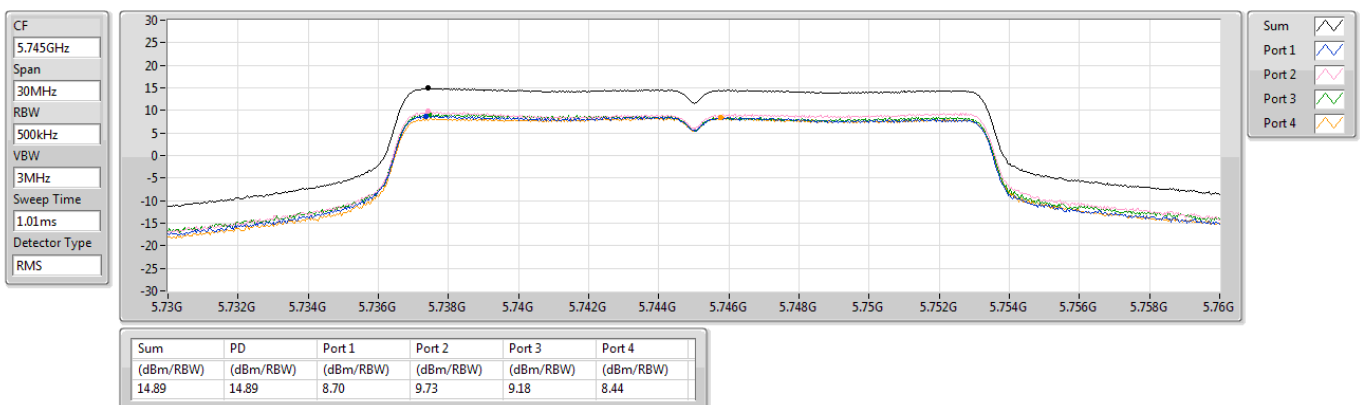
5720MHz Straddle 5.725-5.85GHz



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

PSD

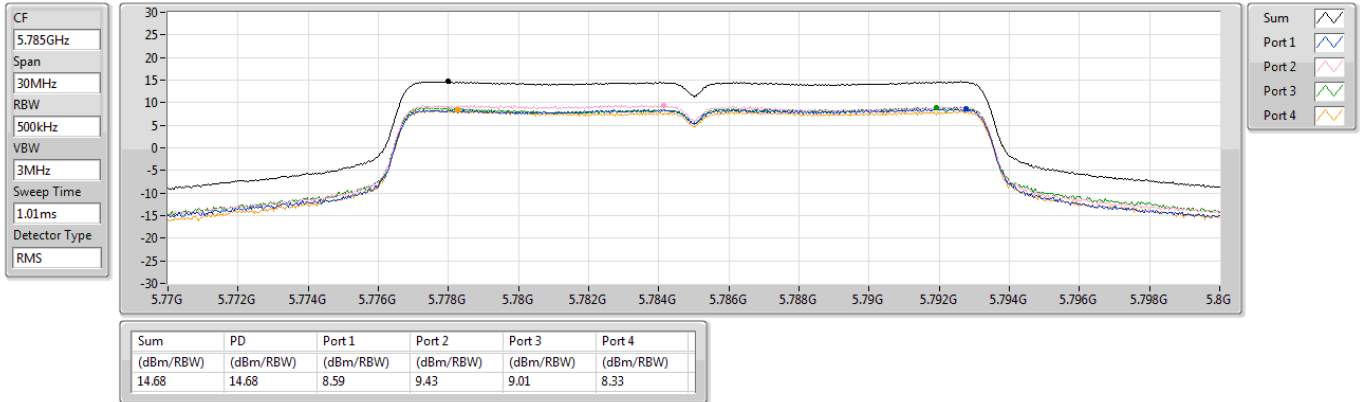
5745MHz



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

PSD

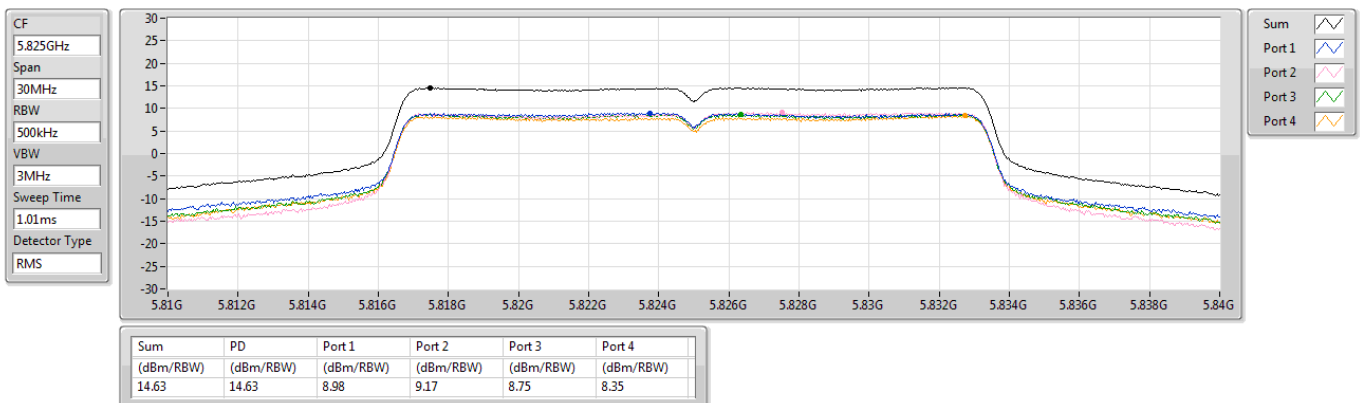
5785MHz



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

PSD

5825MHz



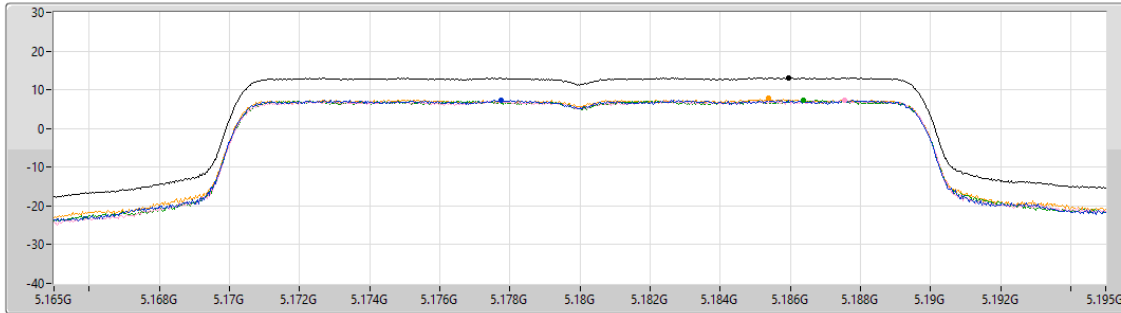


5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5180MHz

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

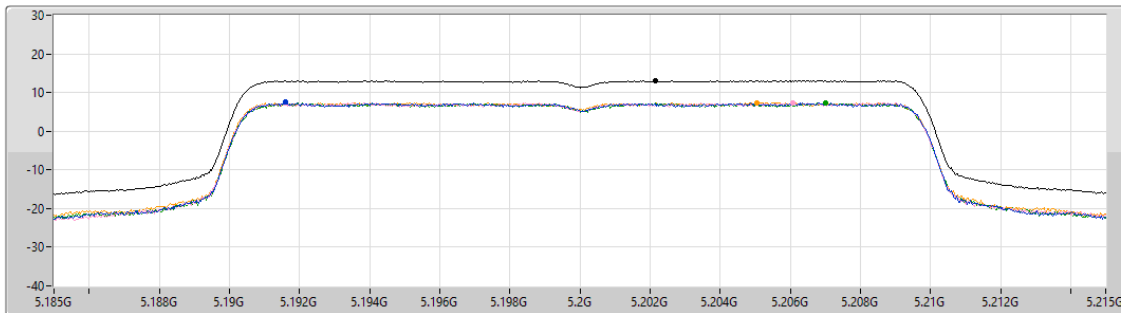
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.17	13.17	7.34	7.19	7.31	7.82

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

PSD

5200MHz

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



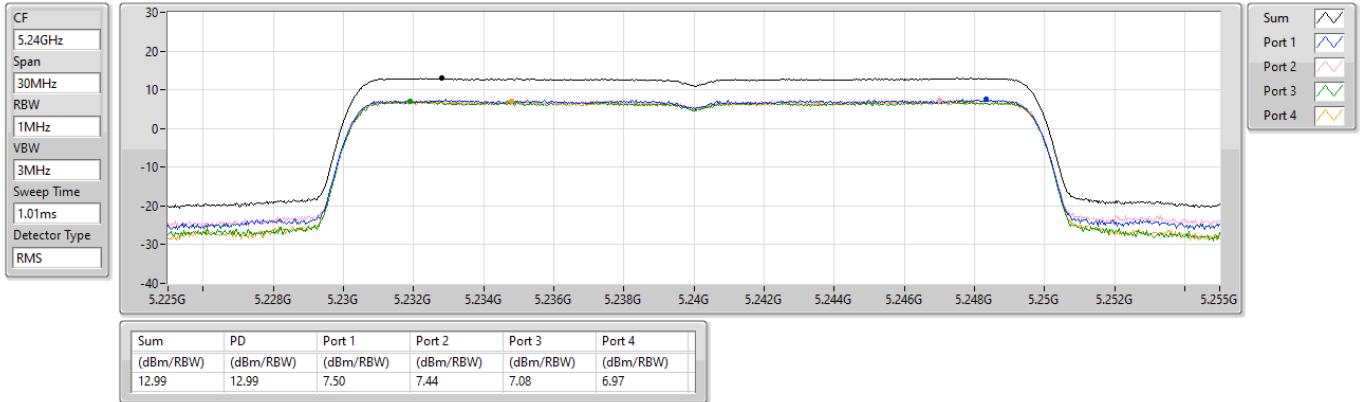
Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
13.08	13.08	7.47	7.33	7.37	7.44

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

PSD

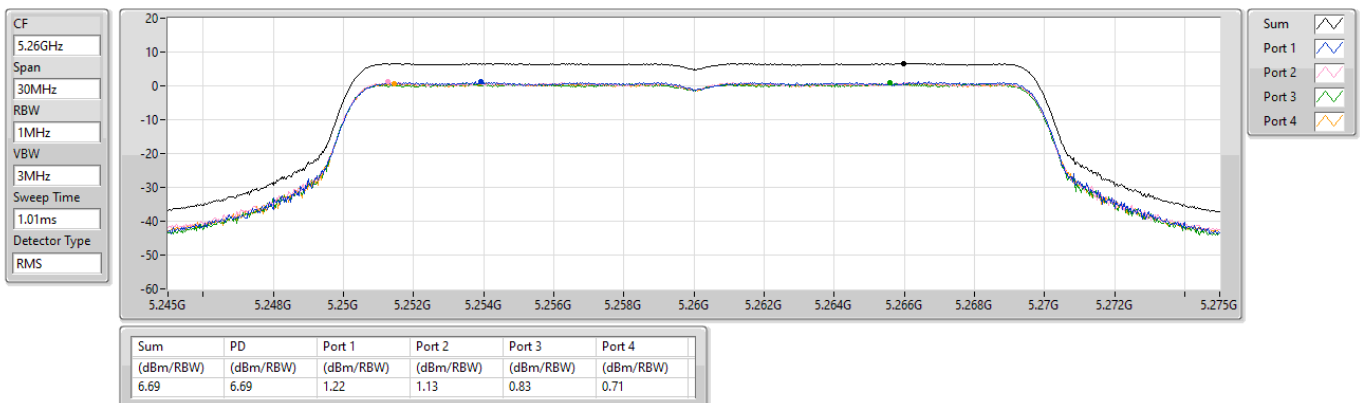
5240MHz



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

PSD

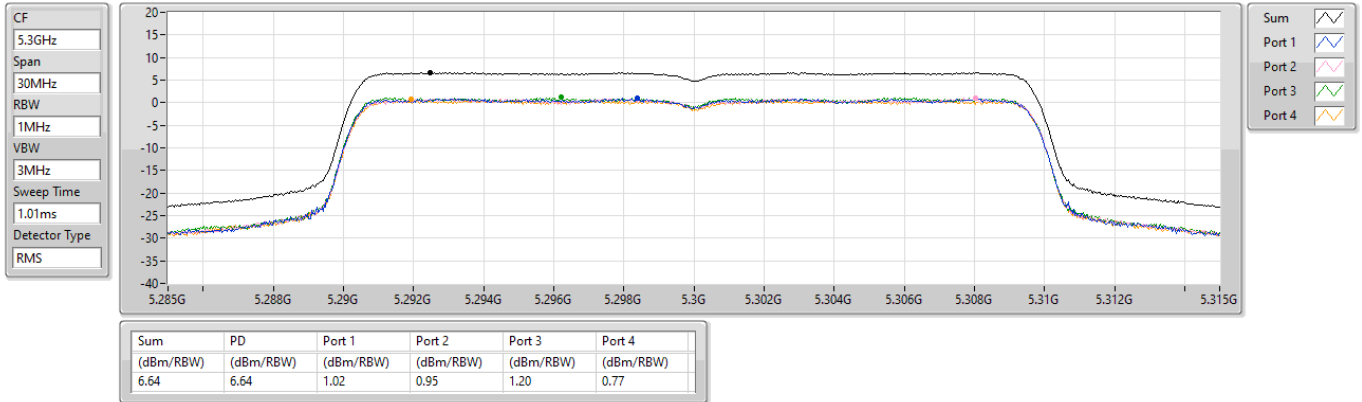
5260MHz



5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

PSD

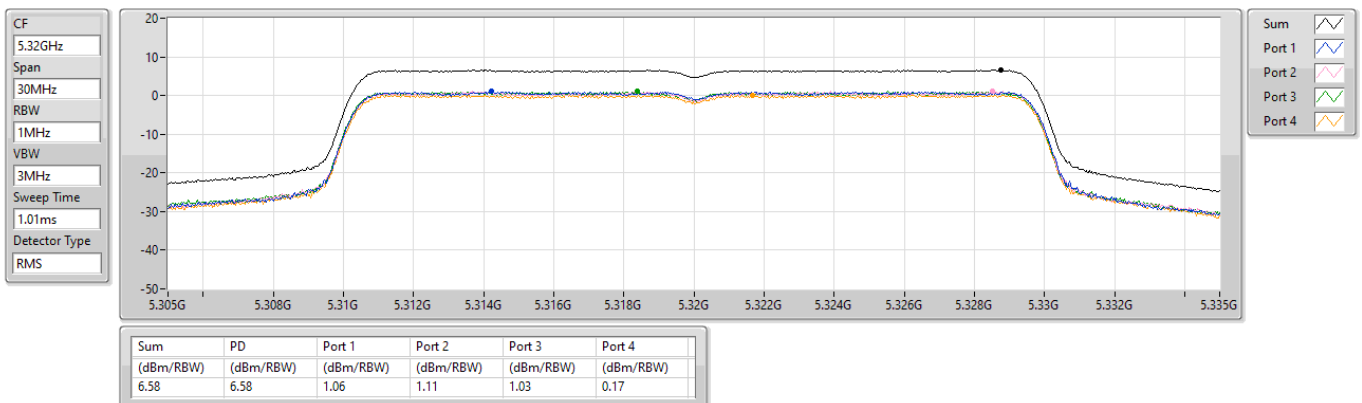
5300MHz



5.25-5.35GHz_802.11ax_HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

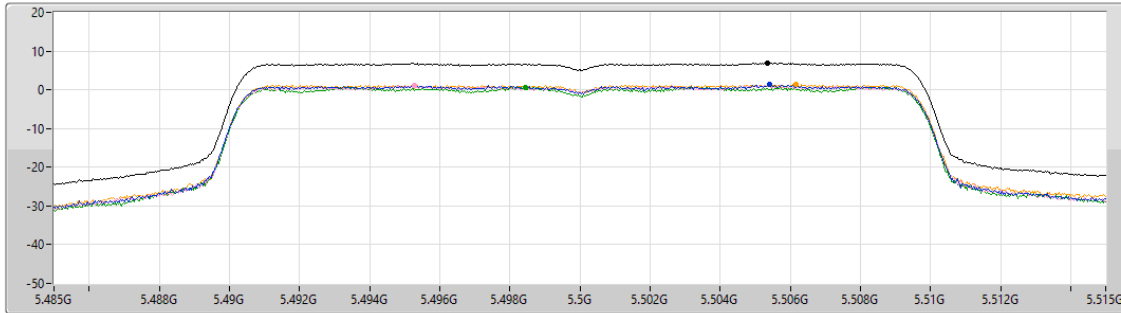


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

CF
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

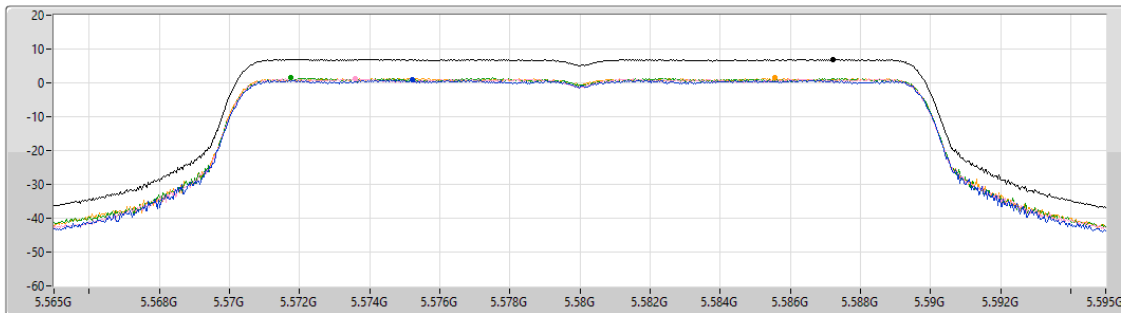
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.86	6.86	1.27	1.13	0.71	1.30

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

PSD

5580MHz

CF
5.58GHz
Span
30MHz
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/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.93	6.93	0.83	1.22	1.51	1.47

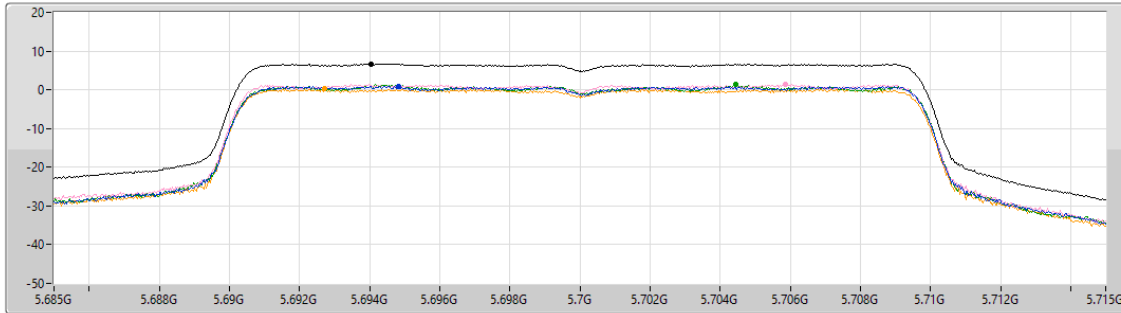


5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

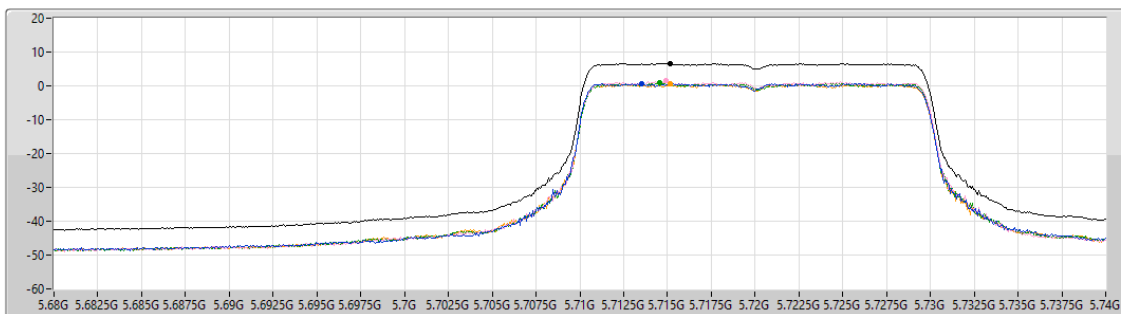
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.70	6.70	0.94	1.45	1.43	0.27

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

PSD

5720MHz Straddle 5.47-5.725GHz

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

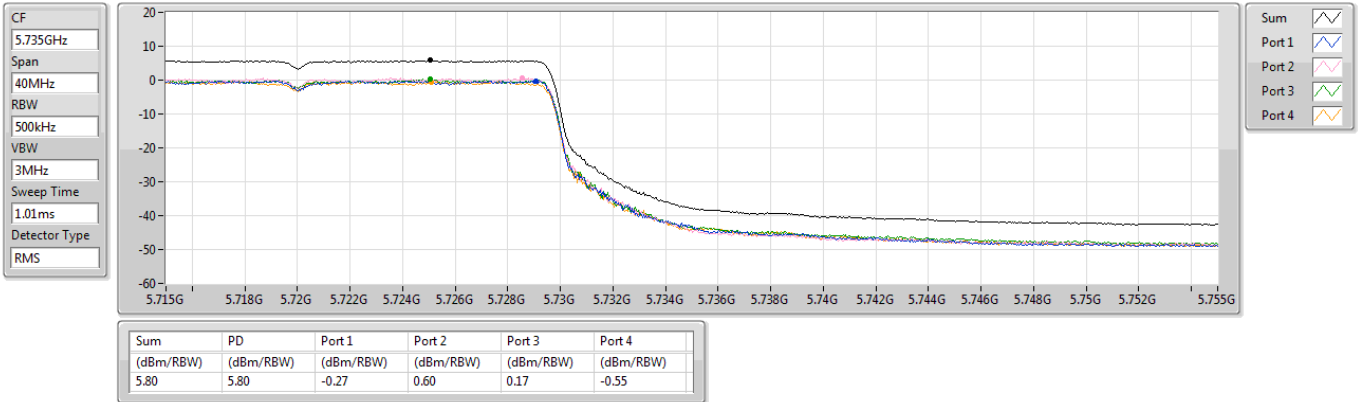
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
6.60	6.60	0.69	1.52	0.86	0.49



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

PSD

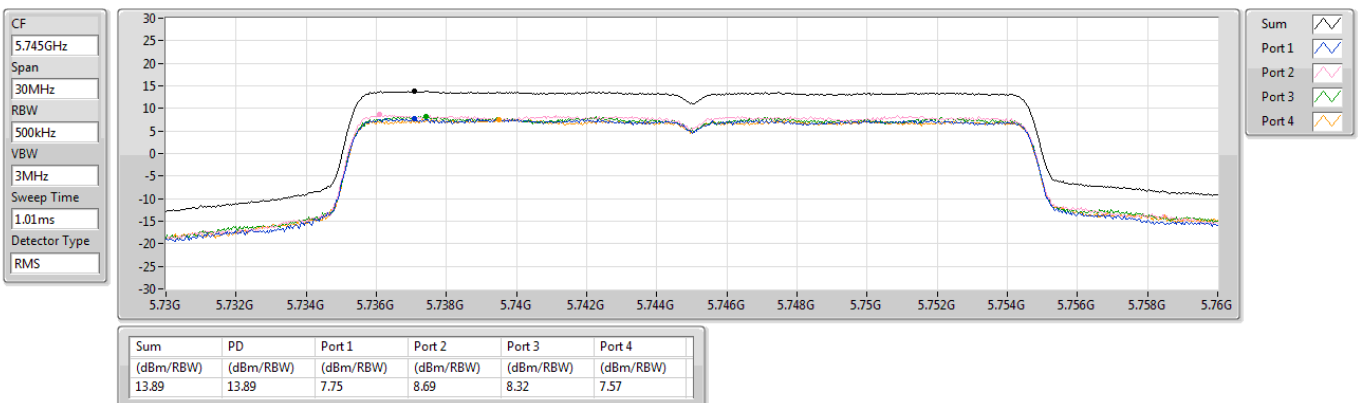
5720MHz Straddle 5.725-5.85GHz



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

PSD

5745MHz

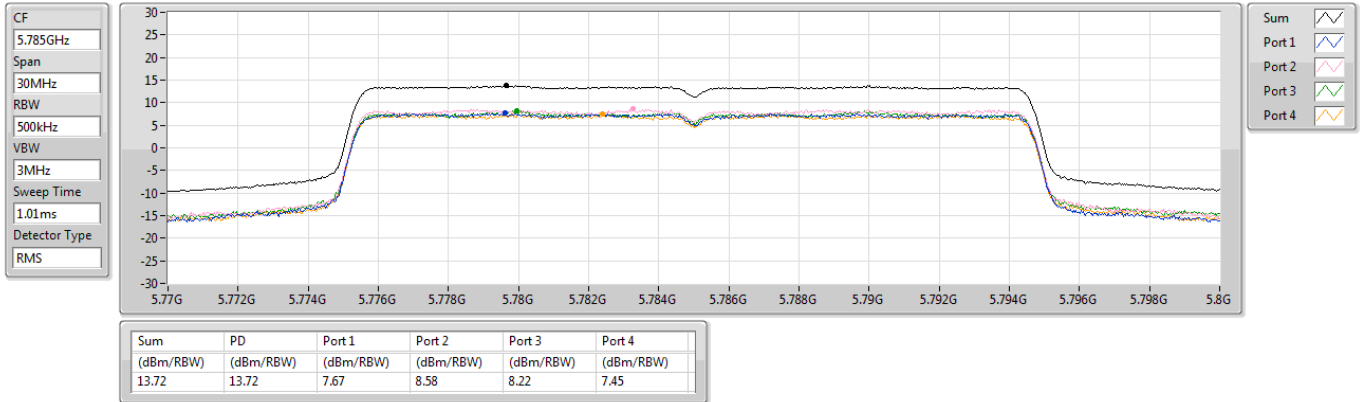




5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

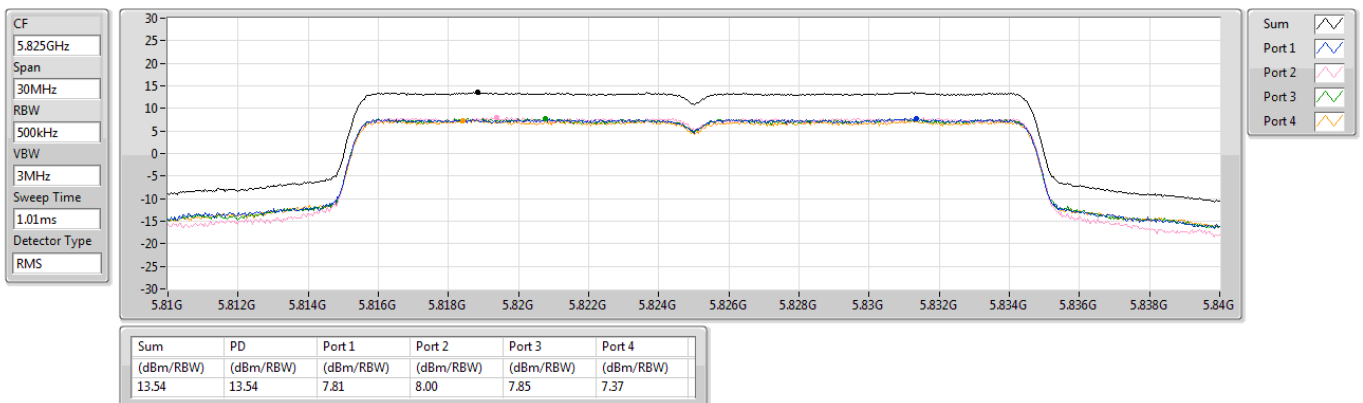
5785MHz



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

PSD

5825MHz

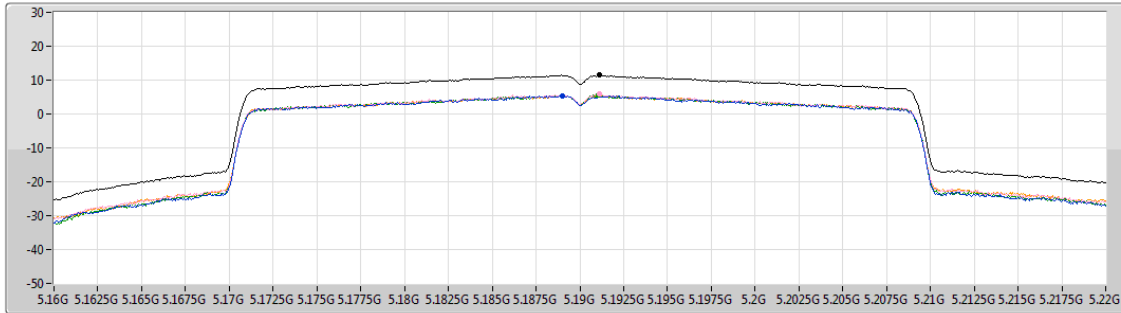


5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5190MHz

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



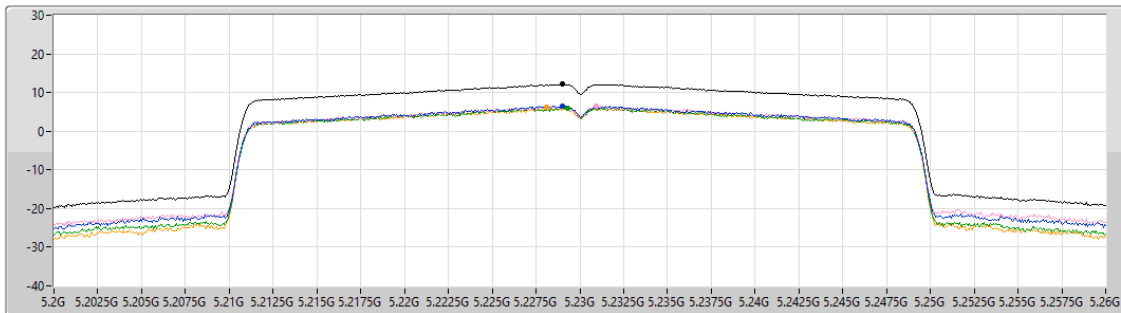
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.48	11.48	5.45	5.91	5.52	5.69

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

PSD

5230MHz

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
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)
12.18	12.18	6.60	6.60	6.07	6.15

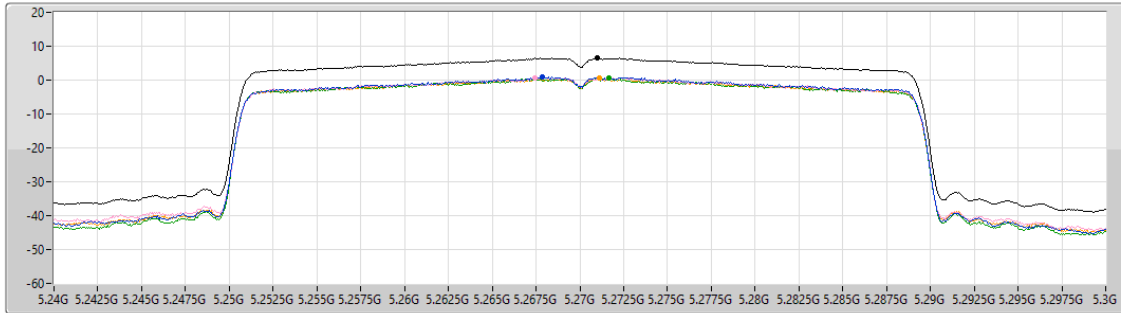


5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

CF
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

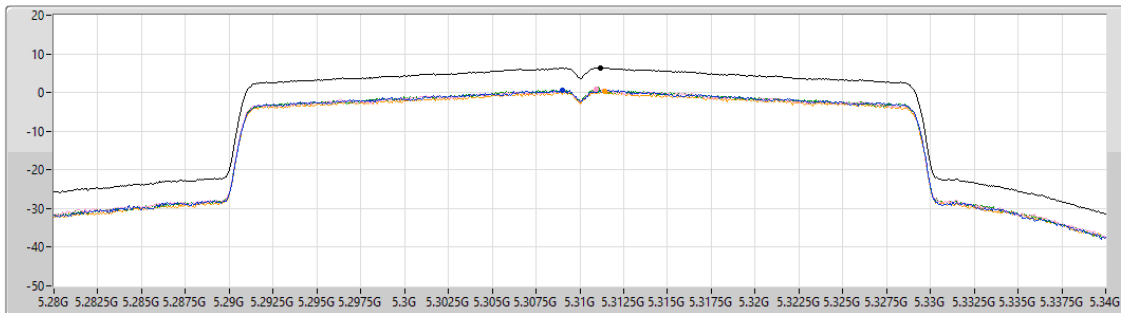
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.47	6.47	0.88	0.74	0.52	0.50

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

PSD

5310MHz

CF
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



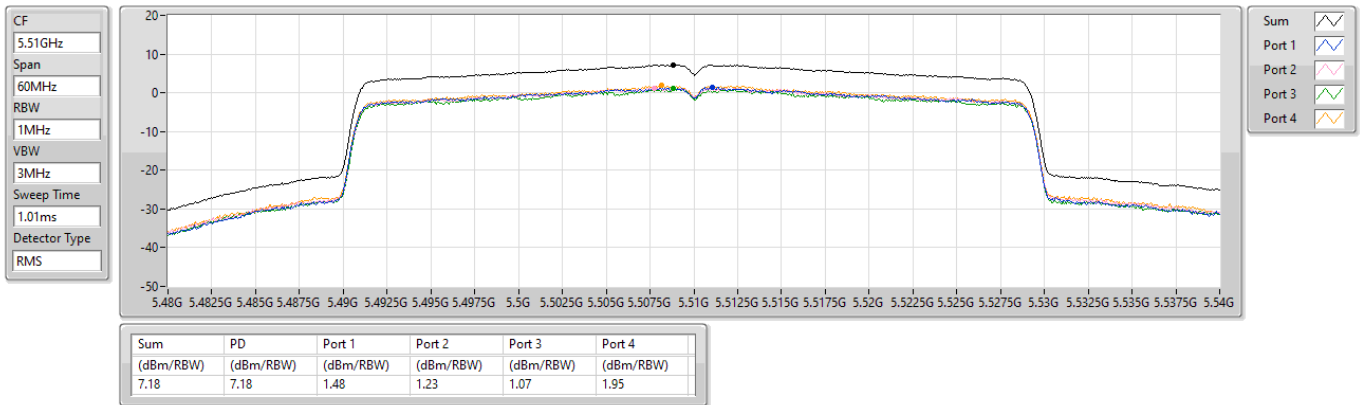
Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.41	6.41	0.64	0.89	0.73	0.18

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

PSD

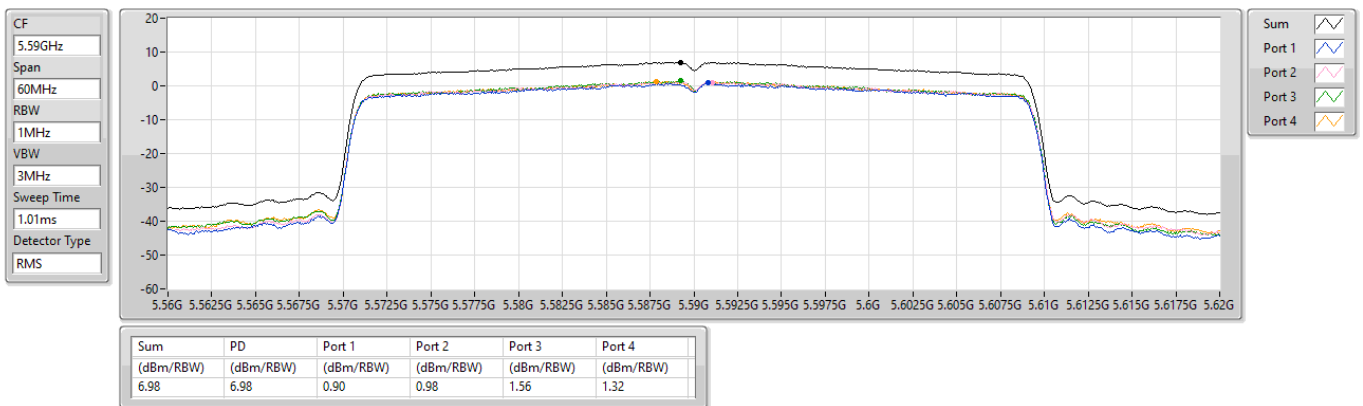
5510MHz



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

PSD

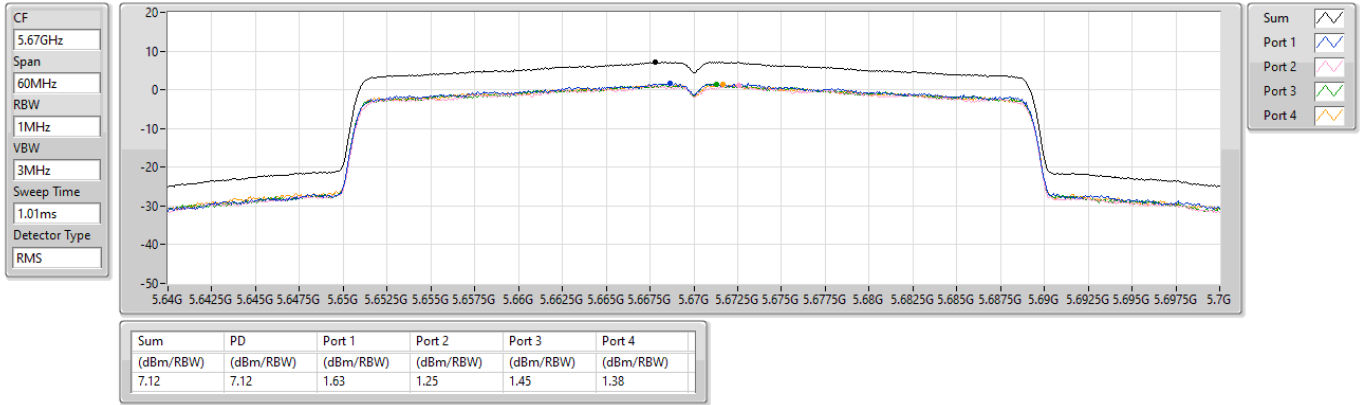
5590MHz



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

PSD

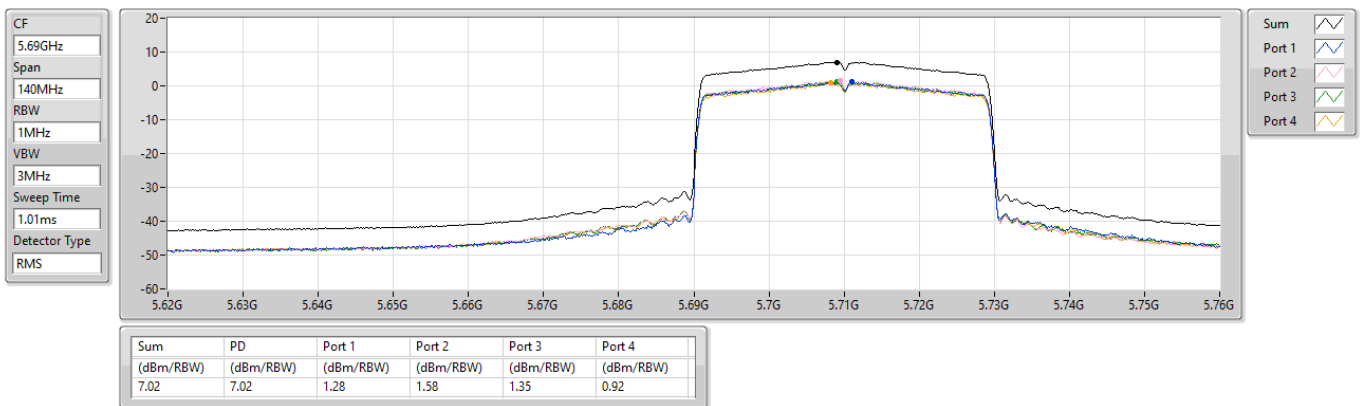
5670MHz



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

PSD

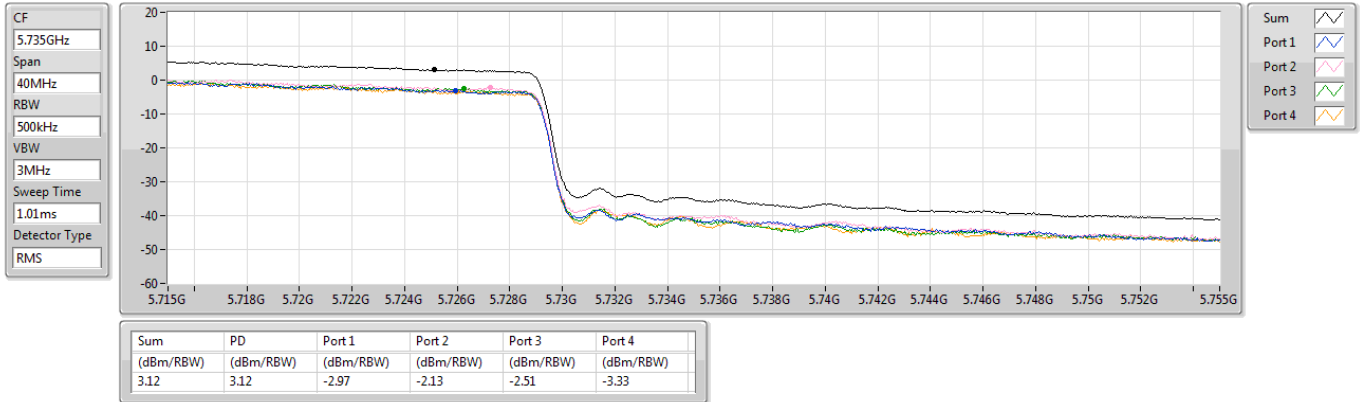
5710MHz Straddle 5.47-5.725GHz



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

PSD

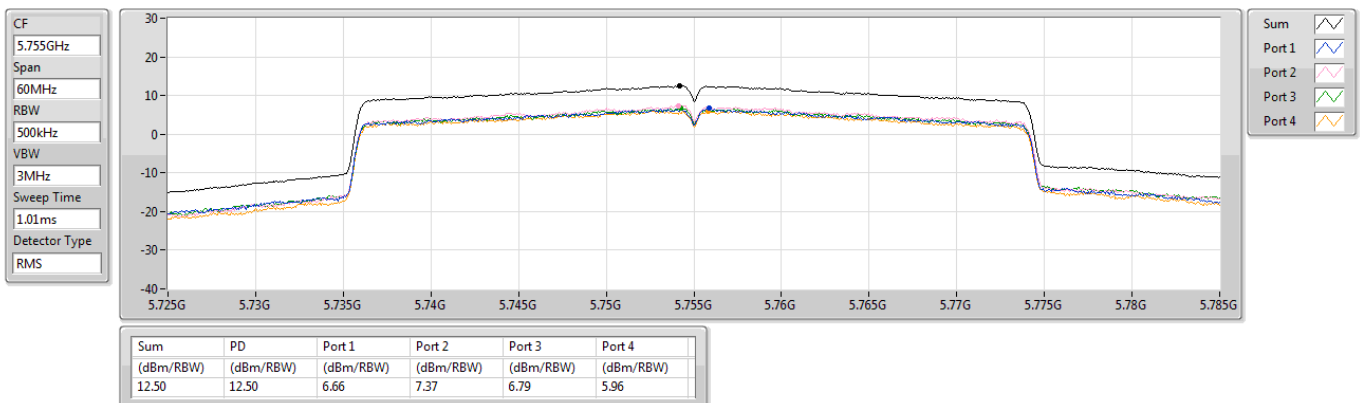
5710MHz Straddle 5.725-5.85GHz



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

PSD

5755MHz



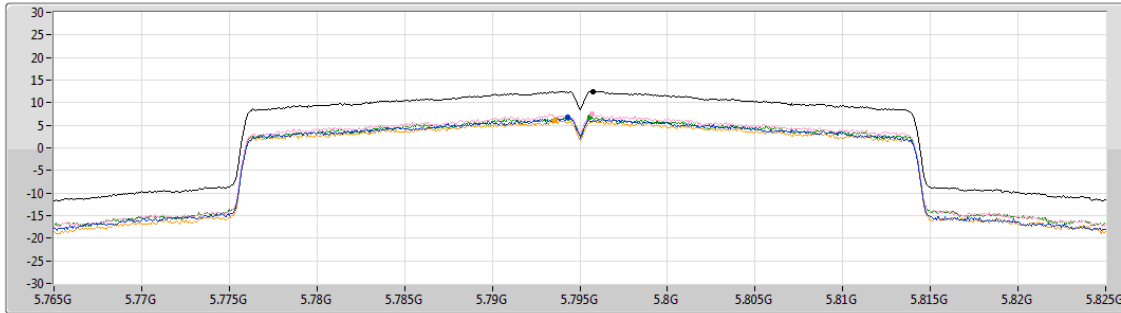


5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5795MHz

CF
5.795GHz
Span
60MHz
RBW
500kHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

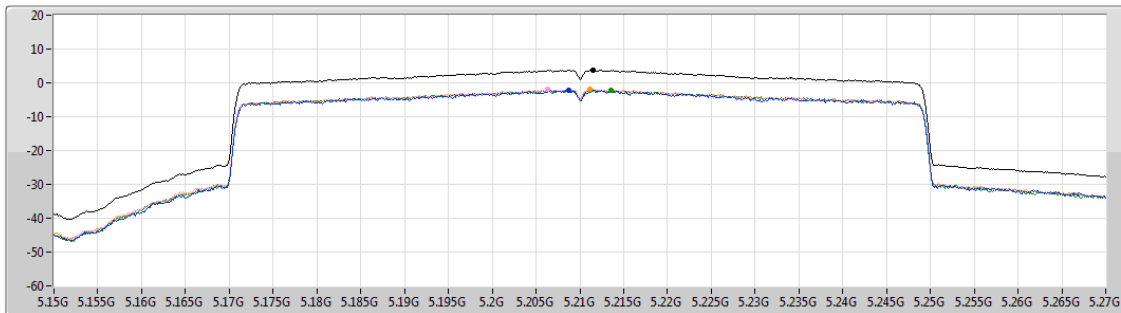
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.52	12.52	6.68	7.52	6.70	5.98

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

PSD

5210MHz

CF
5.21GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



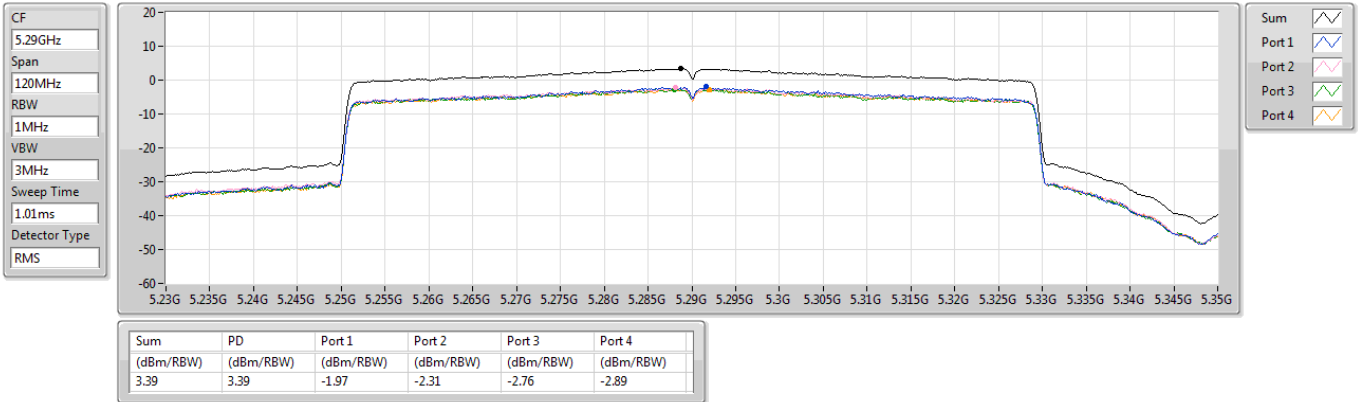
Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.80	3.80	-2.15	-1.89	-2.11	-1.92

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

PSD

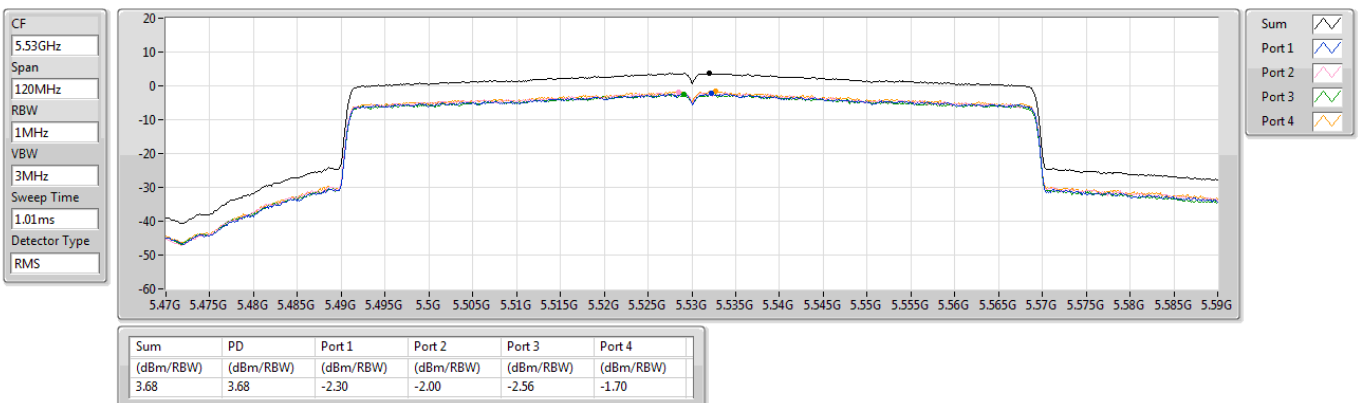
5290MHz



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

PSD

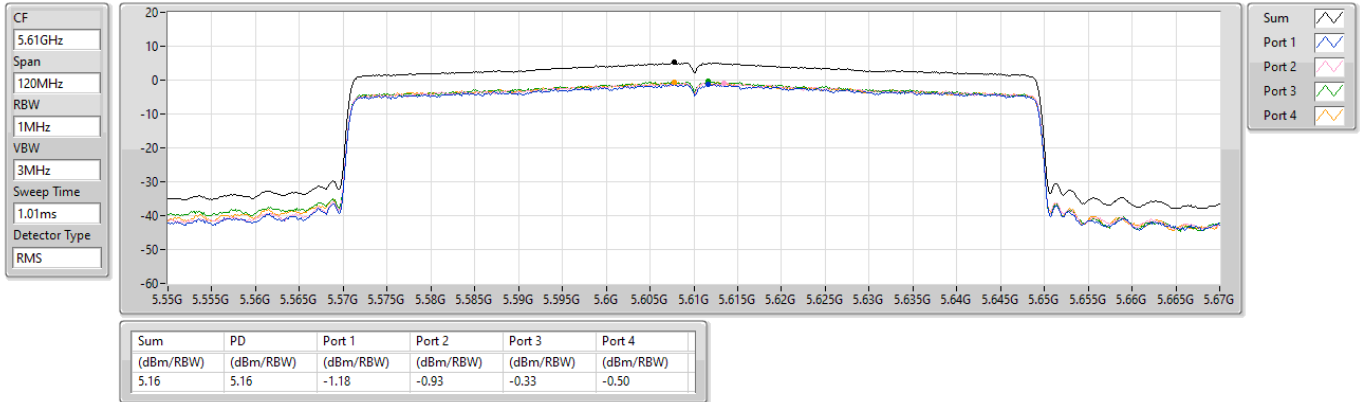
5530MHz



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

PSD

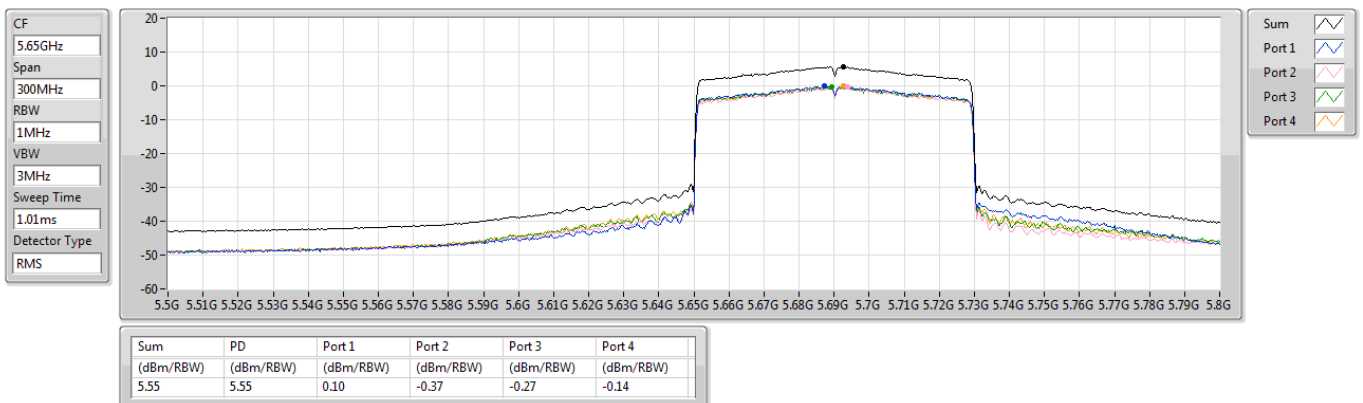
5610MHz



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

PSD

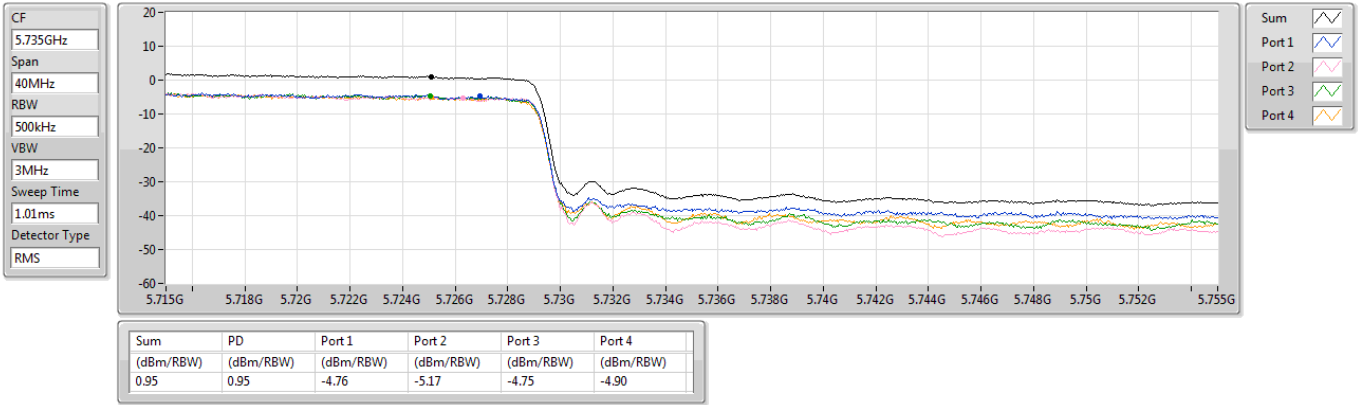
5690MHz Straddle 5.47-5.725GHz



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

PSD

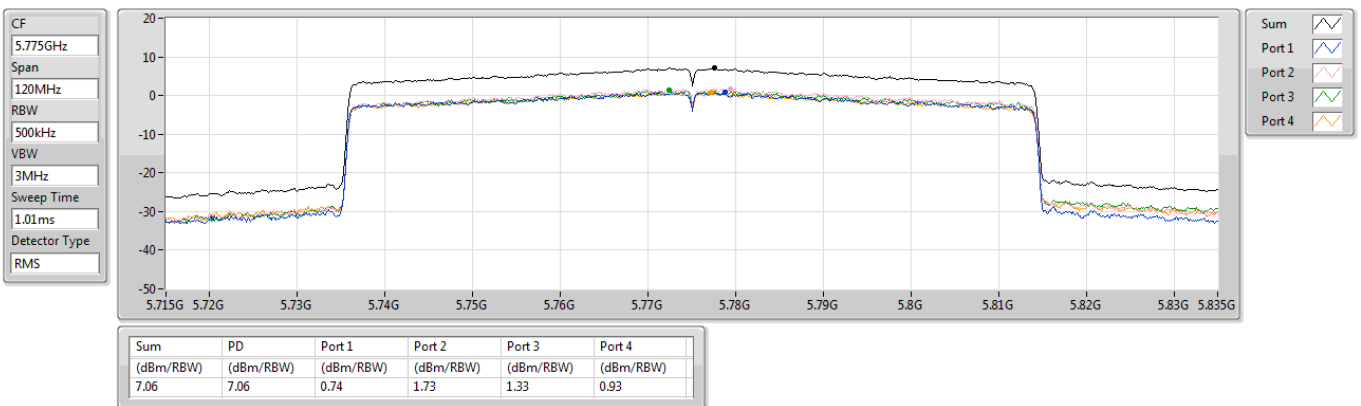
5690MHz Straddle 5.725-5.85GHz



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

PSD

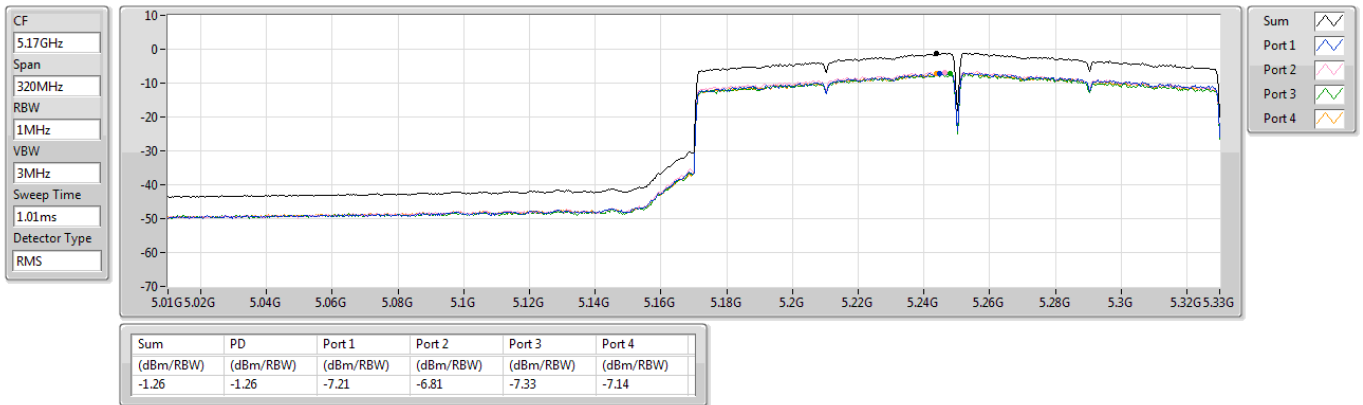
5775MHz



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

PSD

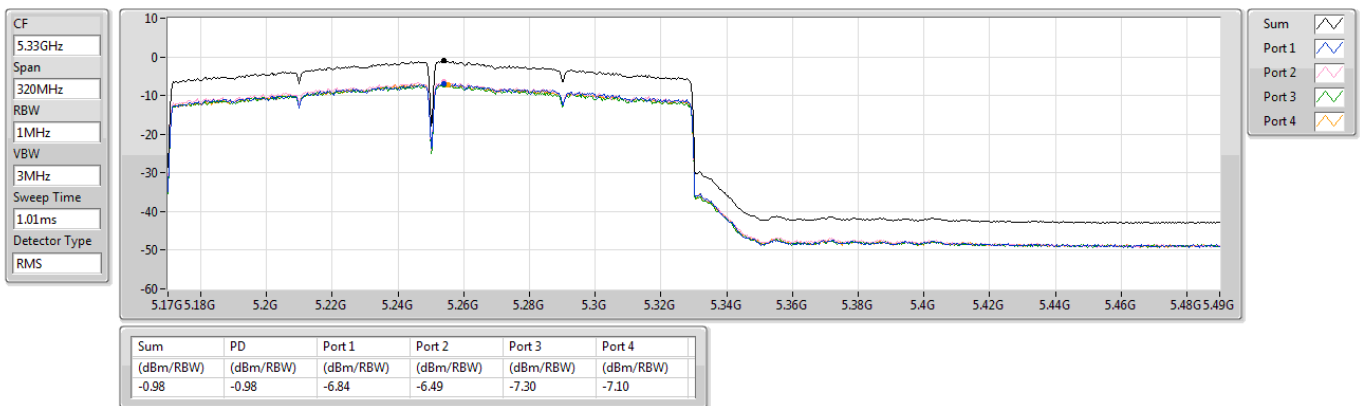
5250MHz Straddle 5.15-5.25GHz



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

PSD

5250MHz Straddle 5.25-5.35GHz

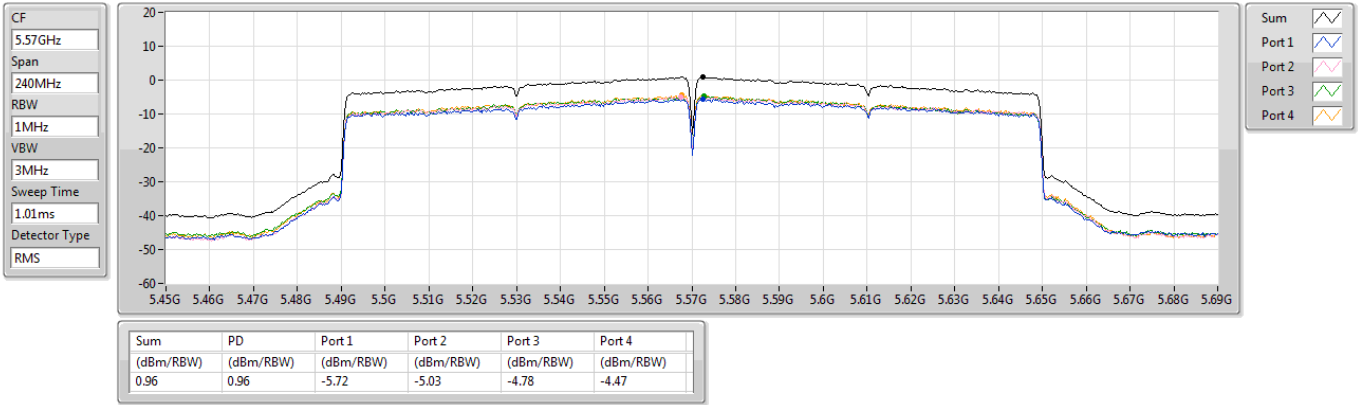




5.47-5.725GHz_802.11ax_HEW160_Nss1,(MCS0)_4TX

PSD

5570MHz



Beamforming mode
Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.33	22.89
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	11.47	21.03
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.01	13.57
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-1.53	8.03
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	6.93	16.88
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.32	15.27
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.17	12.12
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-1.34	8.61
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.06	16.68
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.57	15.20
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.51	12.13
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	1.78	11.40
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	11.64	21.49
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.83	18.68
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	6.69	16.54

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	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.561	7.44	7.46	7.60	7.75	13.25	13.44	22.81	23.00
5200MHz	Pass	9.561	7.41	7.21	8.19	7.38	13.33	13.44	22.89	23.00
5240MHz	Pass	9.561	7.27	7.54	7.05	7.00	12.99	13.44	22.55	23.00
5260MHz	Pass	9.949	1.00	1.50	0.97	0.58	6.86	7.05	16.81	17.00
5300MHz	Pass	9.949	0.86	1.16	0.92	0.51	6.75	7.05	16.70	17.00
5320MHz	Pass	9.949	1.21	1.29	1.74	0.86	6.93	7.05	16.88	17.00
5500MHz	Pass	9.625	1.33	1.19	0.57	1.60	6.93	7.37	16.55	17.00
5580MHz	Pass	9.625	0.88	1.44	1.47	1.50	7.06	7.37	16.68	17.00
5700MHz	Pass	9.625	1.88	1.86	1.49	0.45	7.02	7.37	16.64	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.625	-0.03	0.33	0.59	-0.28	5.97	7.37	15.59	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.850	-1.66	-1.07	-1.37	-1.79	4.36	26.15	14.21	36.00
5745MHz	Pass	9.850	5.50	5.83	5.62	5.30	11.12	26.15	20.97	36.00
5785MHz	Pass	9.850	5.74	5.90	5.98	5.59	11.54	26.15	21.39	36.00
5825MHz	Pass	9.850	6.28	6.02	6.25	6.00	11.64	26.15	21.49	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.561	5.22	5.59	5.88	5.71	11.30	13.44	20.86	23.00
5230MHz	Pass	9.561	5.83	5.98	5.42	5.21	11.47	13.44	21.03	23.00
5270MHz	Pass	9.949	-0.55	-0.49	-1.13	-1.16	5.07	7.05	15.02	17.00
5310MHz	Pass	9.949	-0.43	-0.55	-0.56	-0.81	5.32	7.05	15.27	17.00
5510MHz	Pass	9.625	-0.37	-0.73	-1.53	-0.02	5.15	7.37	14.78	17.00
5590MHz	Pass	9.625	-0.46	-0.51	-0.13	-0.53	5.44	7.37	15.07	17.00
5670MHz	Pass	9.625	0.13	-0.79	-0.34	-0.18	5.57	7.37	15.20	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.625	-0.72	-0.29	-0.43	-1.00	5.29	7.37	14.91	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.850	-5.00	-4.42	-4.08	-4.85	1.26	26.15	11.11	36.00
5755MHz	Pass	9.850	2.22	3.19	2.89	2.54	8.56	26.15	18.41	36.00
5795MHz	Pass	9.850	2.74	3.55	3.48	2.65	8.83	26.15	18.68	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.561	-1.96	-0.18	-1.80	-1.32	4.01	13.44	13.57	23.00
5290MHz	Pass	9.949	-2.71	-3.22	-4.03	-4.08	2.17	7.05	12.12	17.00
5530MHz	Pass	9.625	-2.12	-3.15	-3.32	-2.69	2.51	7.37	12.13	17.00
5610MHz	Pass	9.625	-3.11	-3.21	-2.99	-3.37	2.18	7.37	11.80	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.625	-3.25	-3.63	-3.32	-3.38	2.47	7.37	12.10	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.850	-8.31	-8.43	-8.30	-8.43	-2.51	26.15	7.34	36.00

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)
5775MHz	Pass	9.850	1.38	1.45	0.93	1.06	6.69	26.15	16.54	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.561	-7.78	-6.74	-7.80	-7.24	-1.53	13.44	8.03	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	9.949	-7.02	-6.92	-7.60	-7.68	-1.34	7.05	8.61	17.00
5570MHz	Pass	9.625	-3.92	-3.59	-3.06	-3.93	1.78	7.37	11.40	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;

For 5180~5240MHz:

Directional gain = $10 \times \log((10^{3.664/20} + 10^{2.81/20} + 10^{3.587/20} + 10^{4.053/20})^2/4) = 9.561 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to 17 dBm – (9.561dBi – 6dBi) = 13.44 dBm

For 5260~5320MHz:

Directional gain = $10 \times \log((10^{3.749/20} + 10^{3.951/20} + 10^{3.956/20} + 10^{4.053/20})^2/4) = 9.949 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to 11 dBm – (9.949dBi – 6dBi) = 7.05 dBm

For 5500~5700MHz:

Directional gain = $10 \times \log((10^{2.763/20} + 10^{3.35/20} + 10^{4.111/20} + 10^{4.12/20})^2/4) = 9.625 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to 11 dBm – (9.625dBi – 6dBi) = 7.37 dBm

For 5745~5825MHz:

Directional gain = $10 \times \log((10^{2.649/20} + 10^{3.759/20} + 10^{3.986/20} + 10^{4.789/20})^2/4) = 9.850 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to 30 dBm – (9.850dBi – 6dBi) = 26.15 dBm

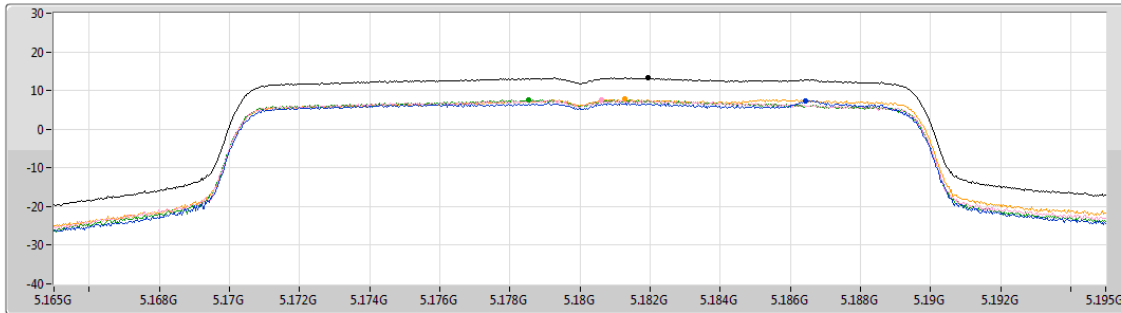


5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5180MHz

CF
5.18GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
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)
13.25	13.25	7.44	7.46	7.60	7.75

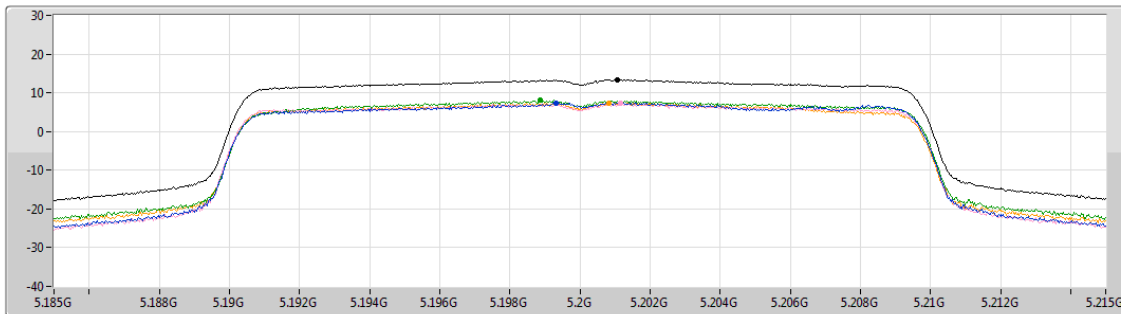
Sum
Port 1
Port 2
Port 3
Port 4

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

PSD

5200MHz

CF
5.2GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



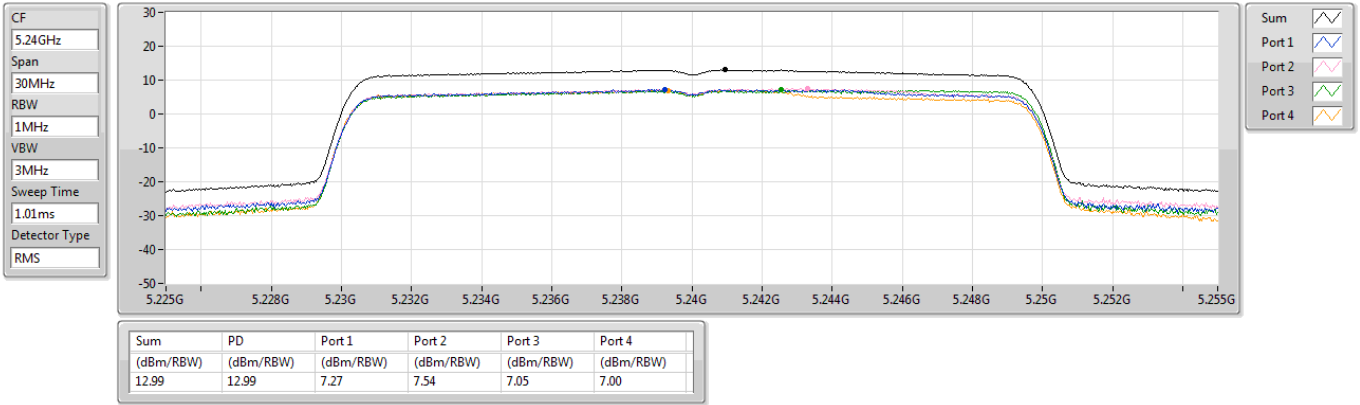
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.33	13.33	7.41	7.21	8.19	7.38

Sum
Port 1
Port 2
Port 3
Port 4

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

PSD

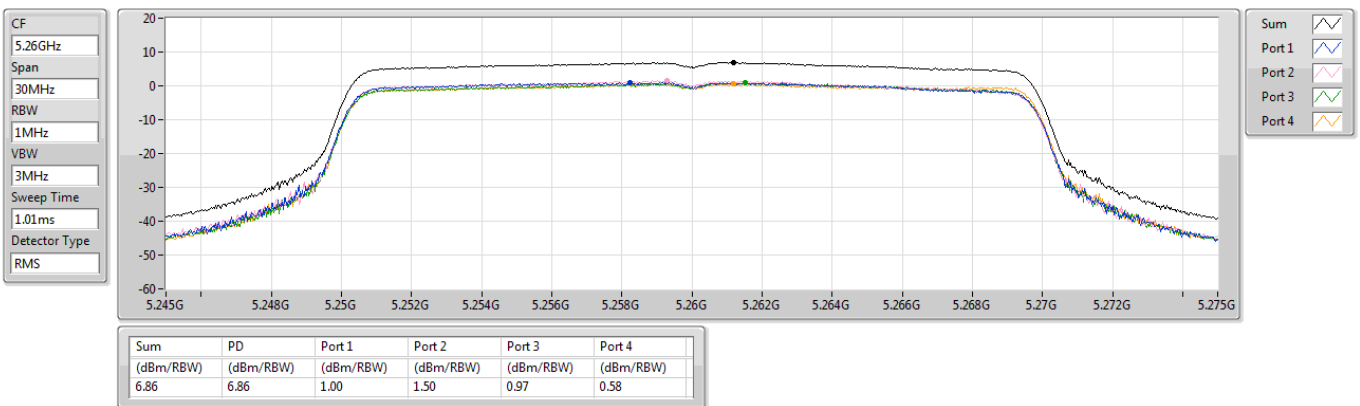
5240MHz



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

PSD

5260MHz

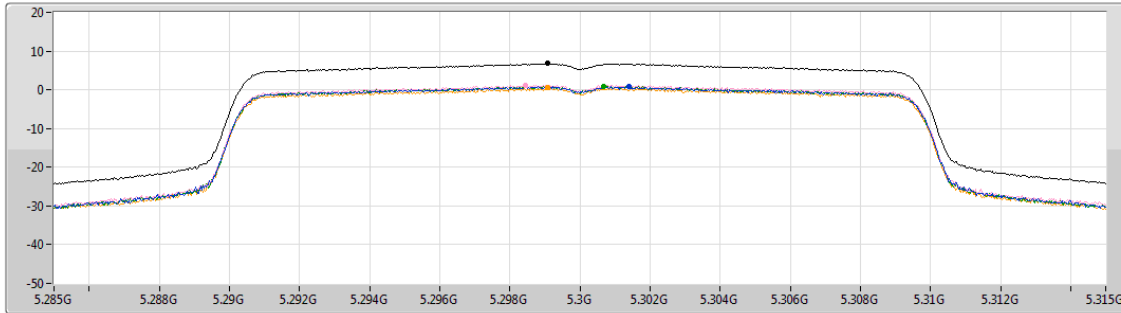


5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5300MHz

CF
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



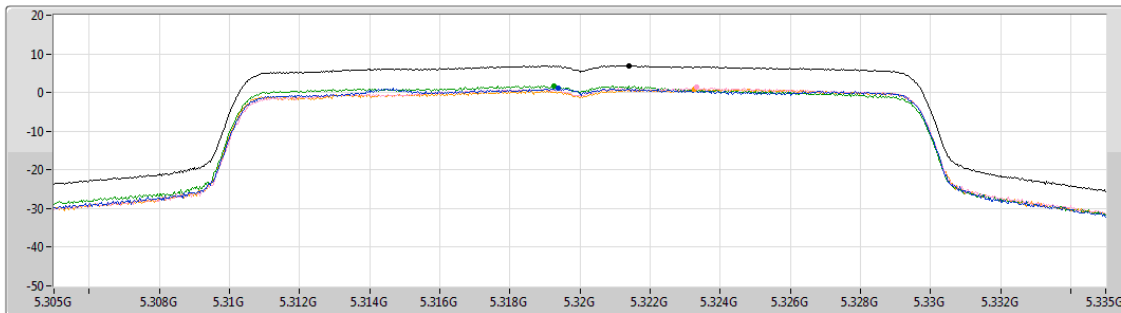
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.75	6.75	0.86	1.16	0.92	0.51

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

PSD

5320MHz

CF
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS

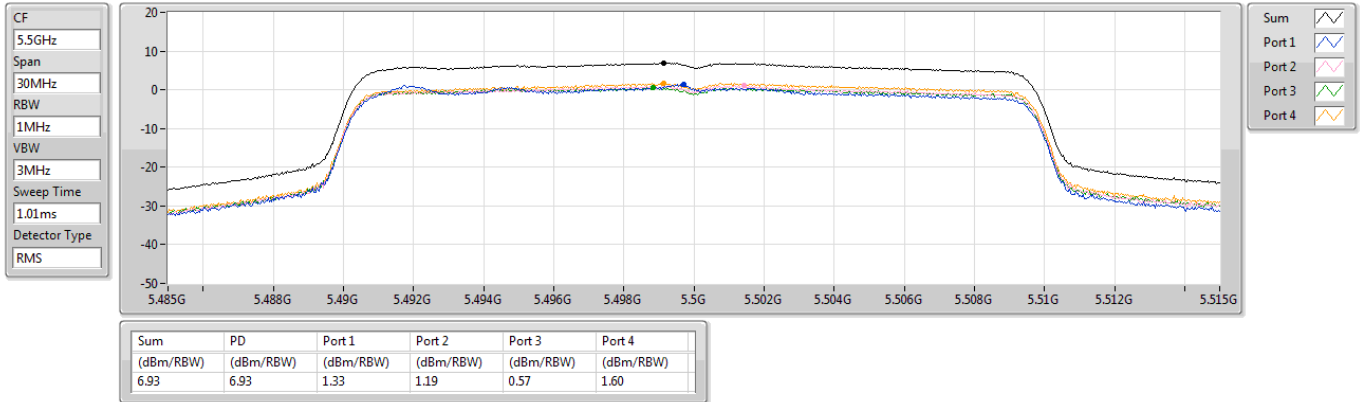


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)	(dBm/Hz)
6.93	6.93	1.21	1.29	1.74	0.86

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

PSD

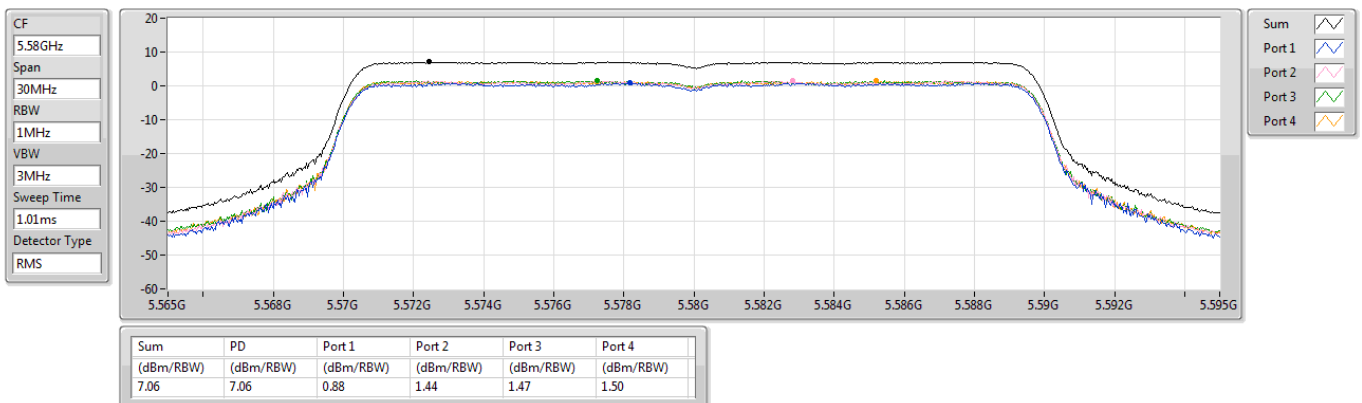
5500MHz



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

PSD

5580MHz



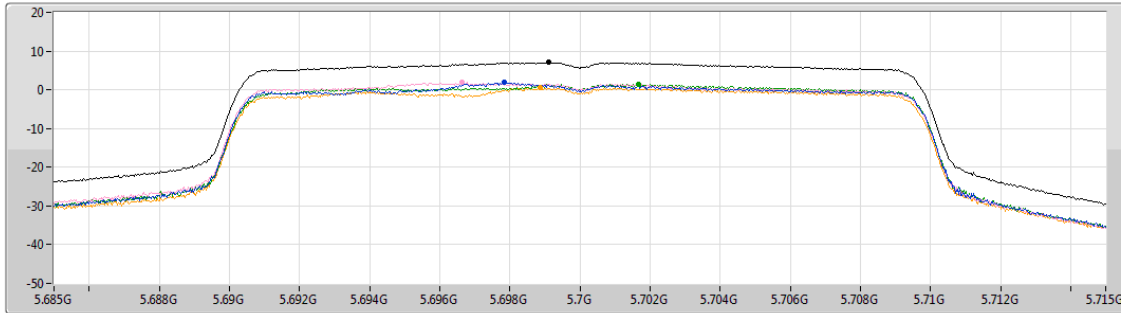


5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

5700MHz

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

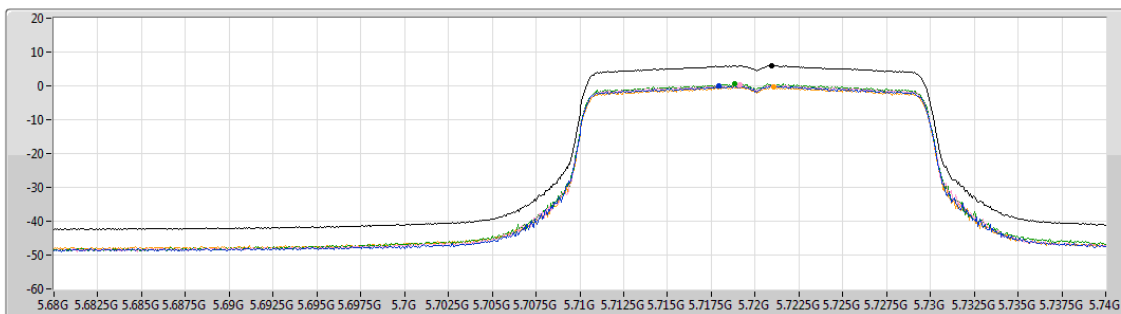
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.02	7.02	1.88	1.86	1.49	0.45

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

PSD

5720MHz Straddle 5.47-5.725GHz

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



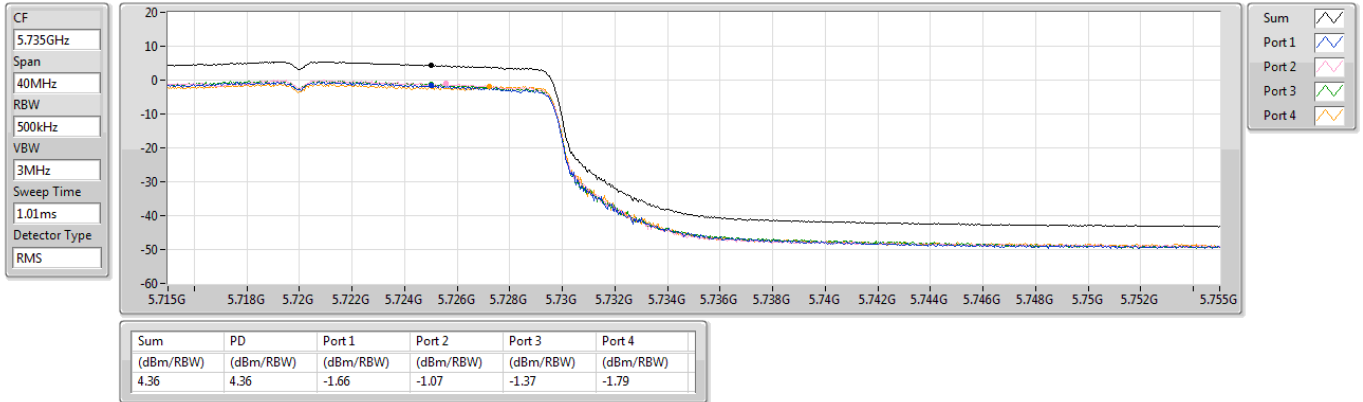
Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.97	5.97	-0.03	0.33	0.59	-0.28

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

PSD

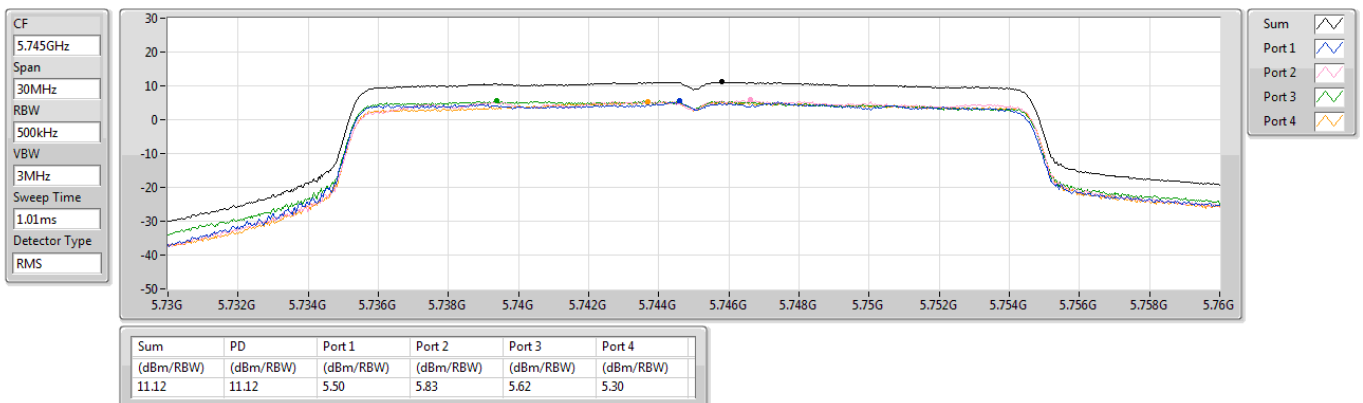
5720MHz Straddle 5.725-5.85GHz



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

PSD

5745MHz

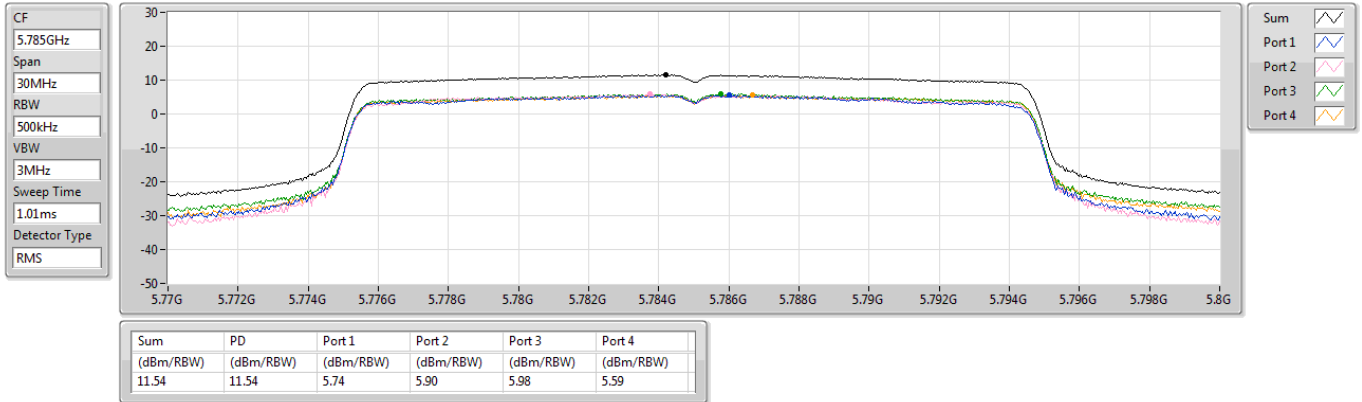




5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_4TX

PSD

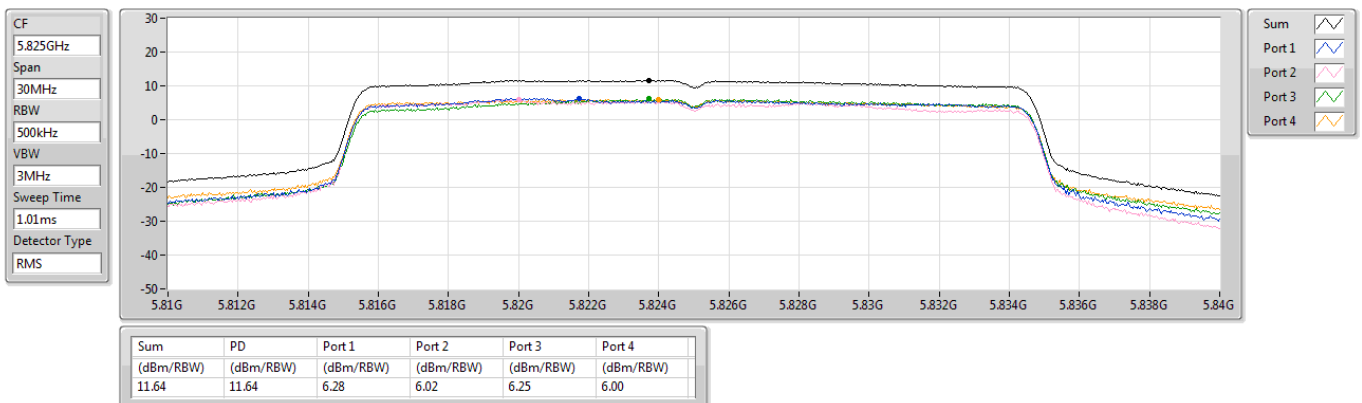
5785MHz



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

PSD

5825MHz

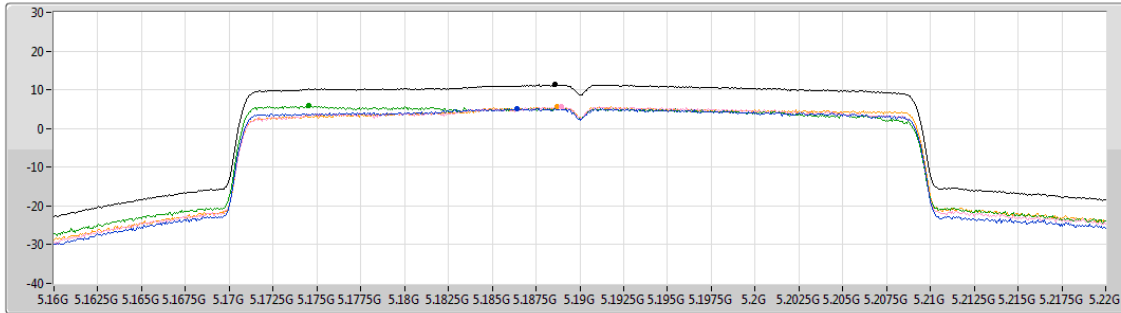


5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

5190MHz

CF
5.19GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

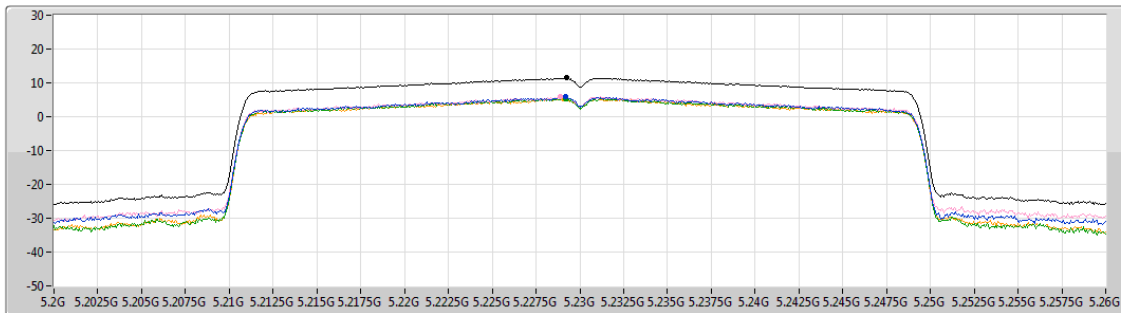
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.30	11.30	5.22	5.59	5.88	5.71

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

PSD

5230MHz

CF
5.23GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
1.01ms
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

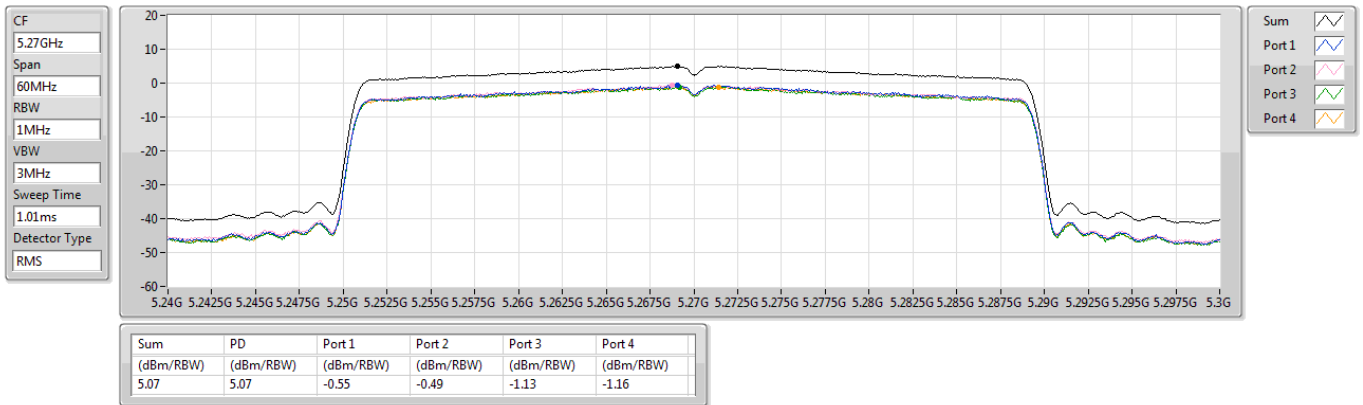
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.47	11.47	5.83	5.98	5.42	5.21



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

PSD

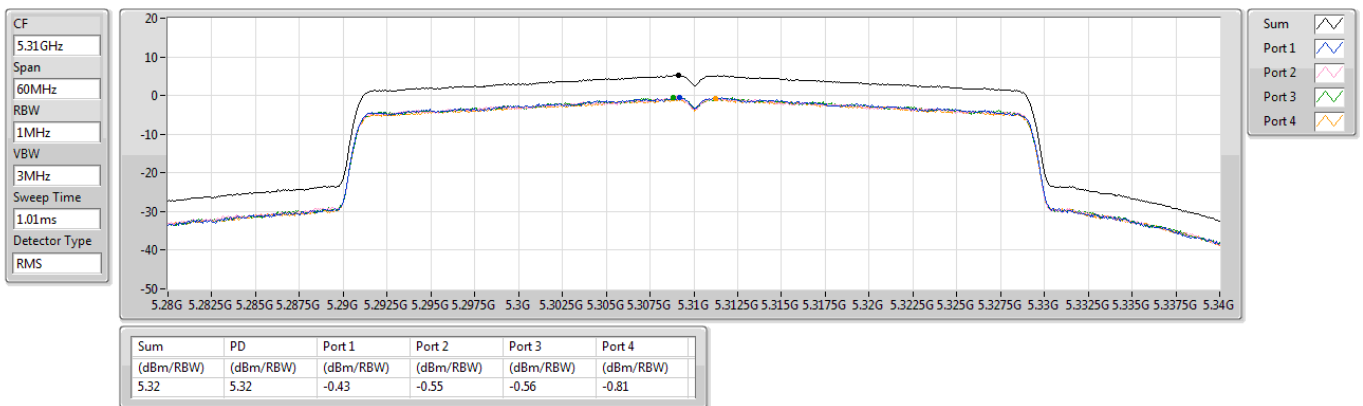
5270MHz



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

PSD

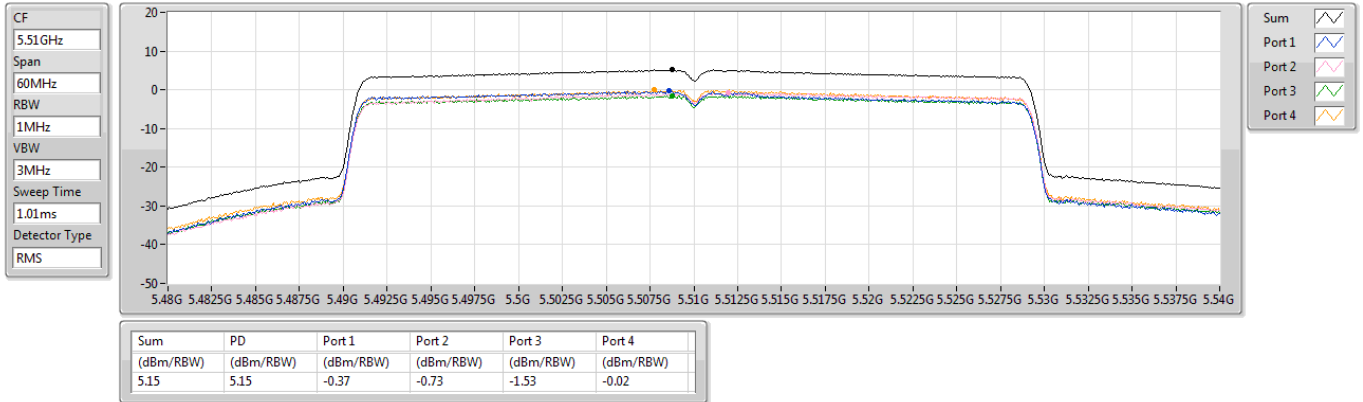
5310MHz



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

PSD

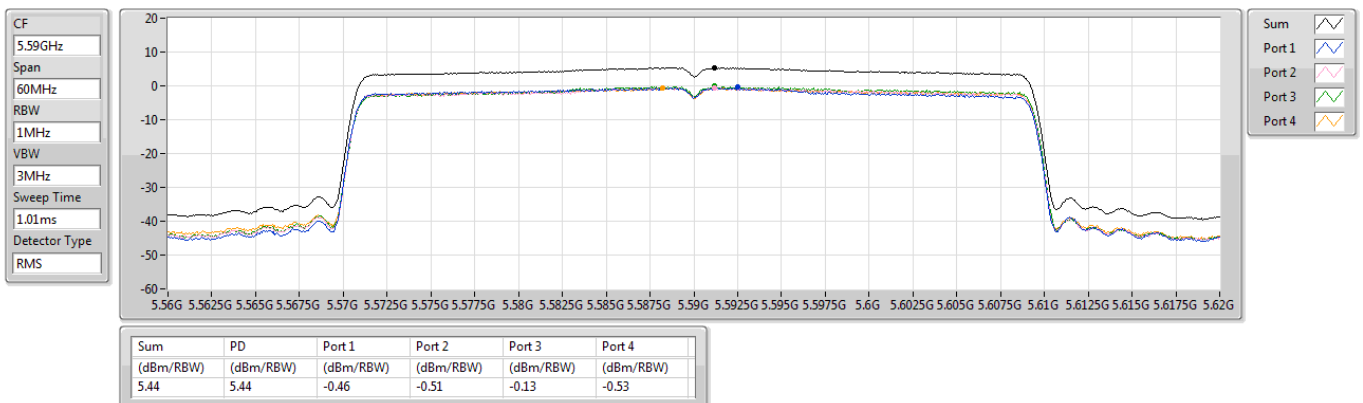
5510MHz



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

PSD

5590MHz

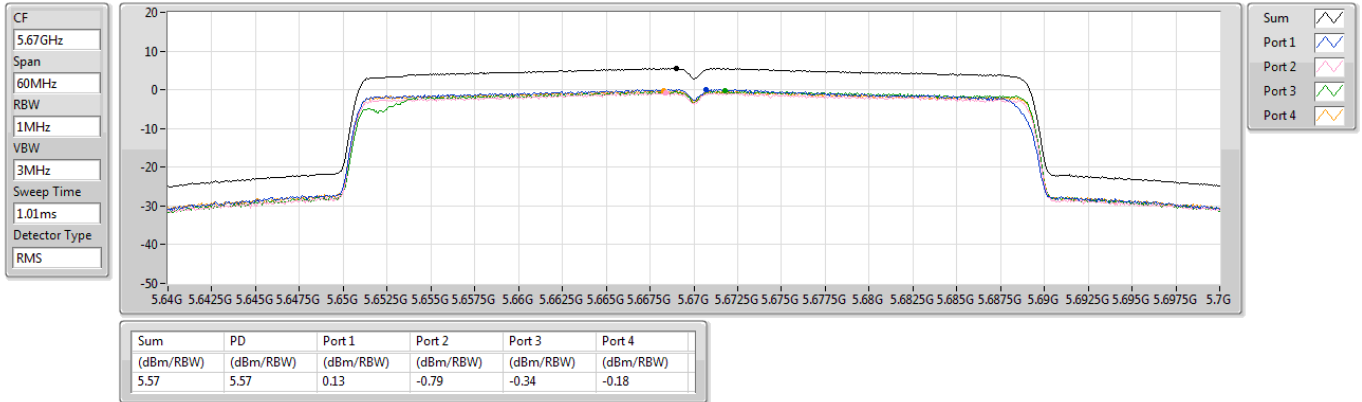




5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

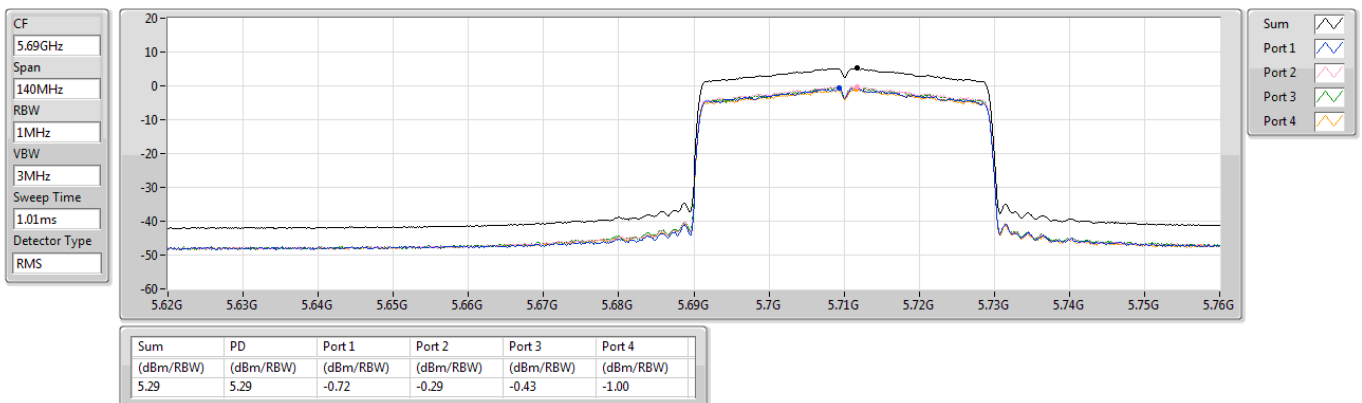
5670MHz



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

PSD

5710MHz Straddle 5.47-5.725GHz

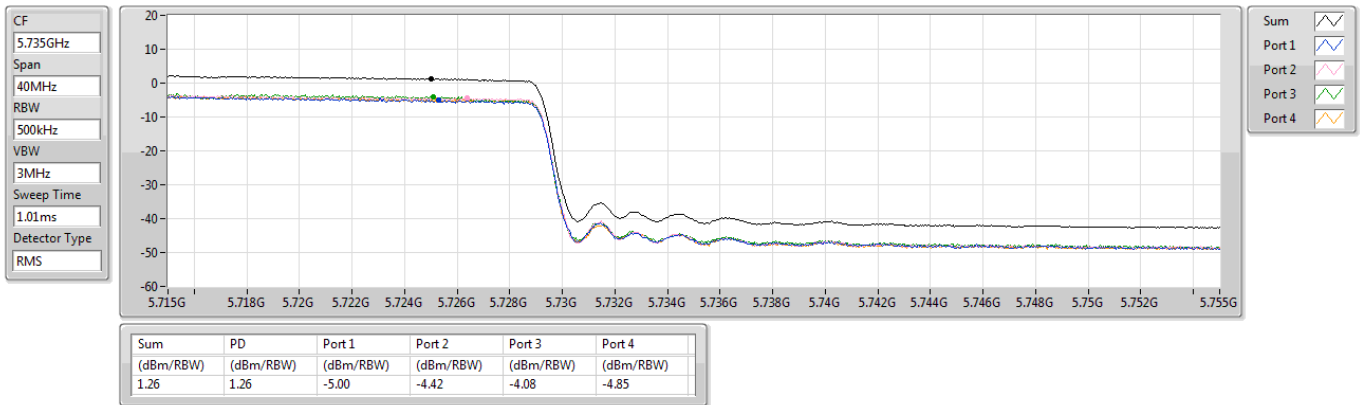




5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

PSD

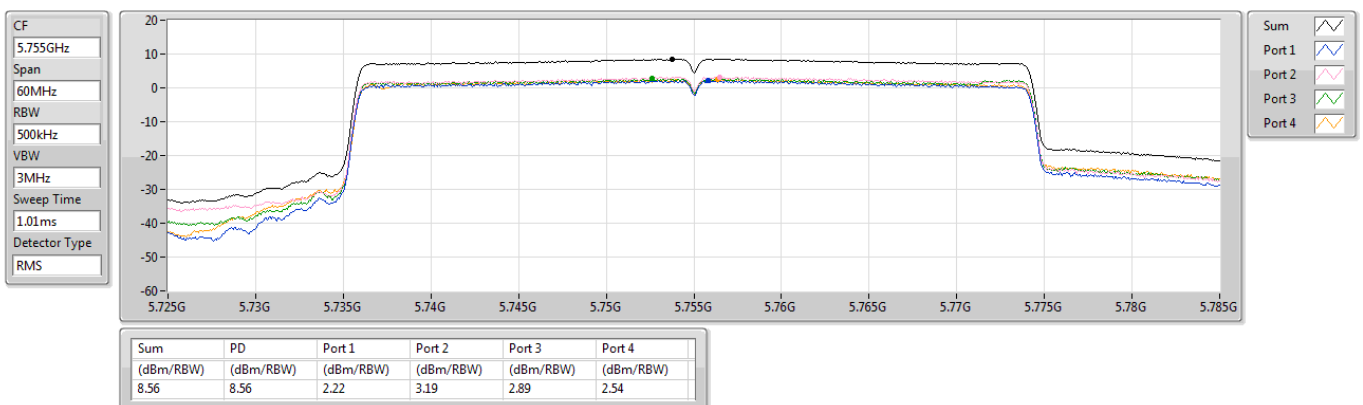
5710MHz Straddle 5.725-5.85GHz



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

PSD

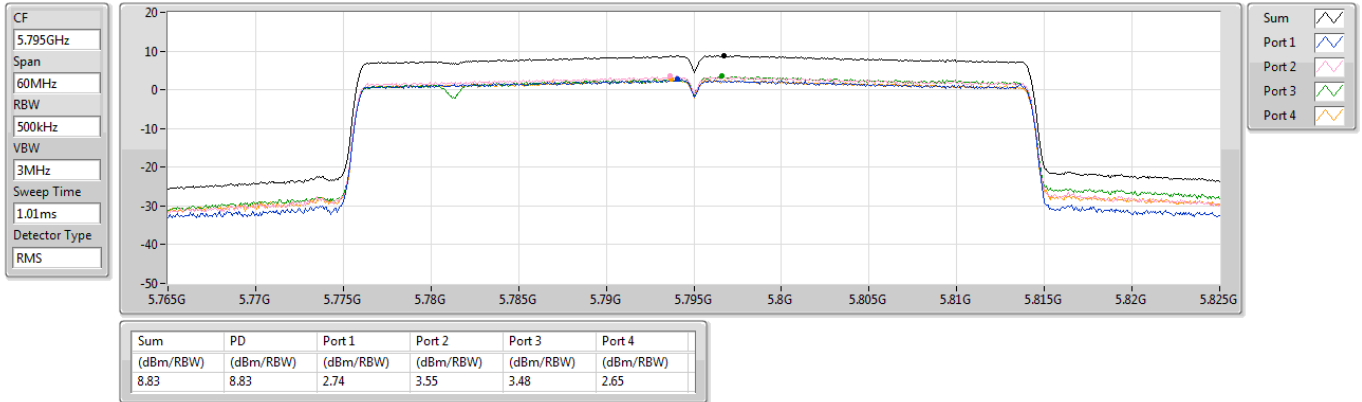
5755MHz



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

PSD

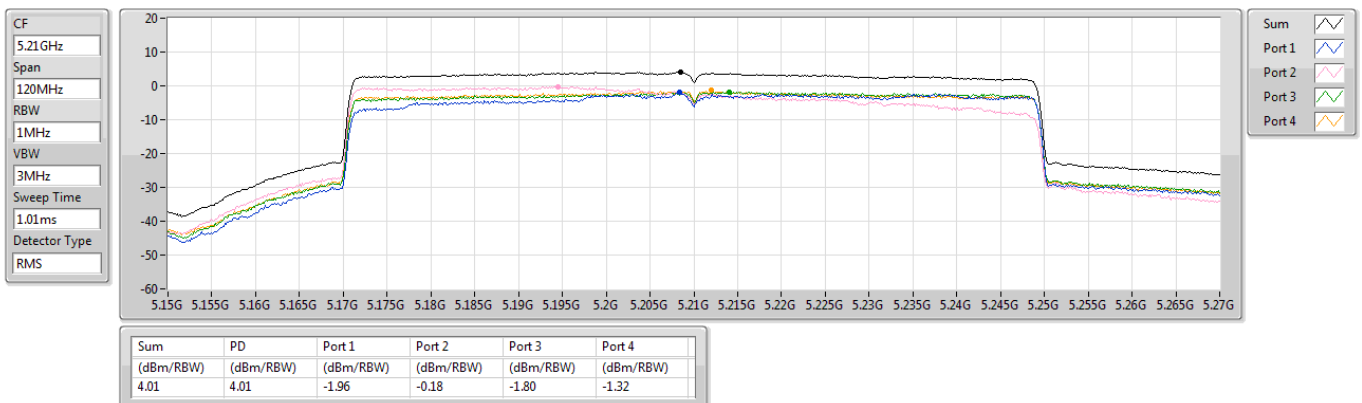
5795MHz



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

PSD

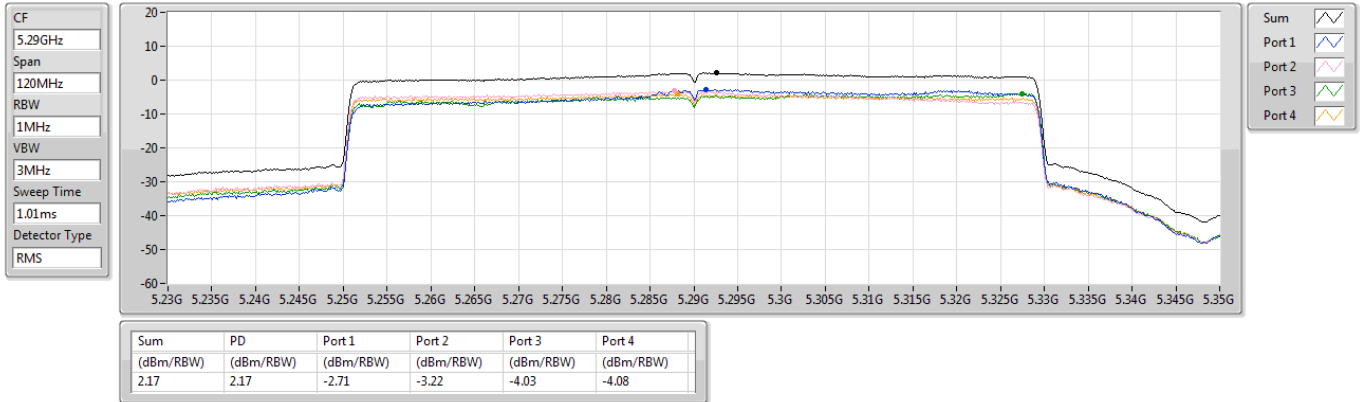
5210MHz



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

PSD

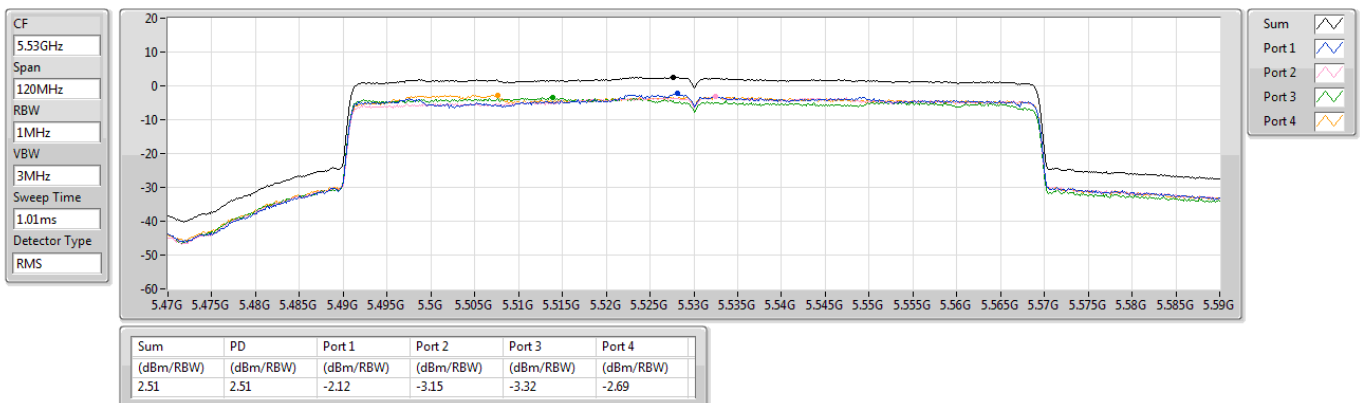
5290MHz



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

PSD

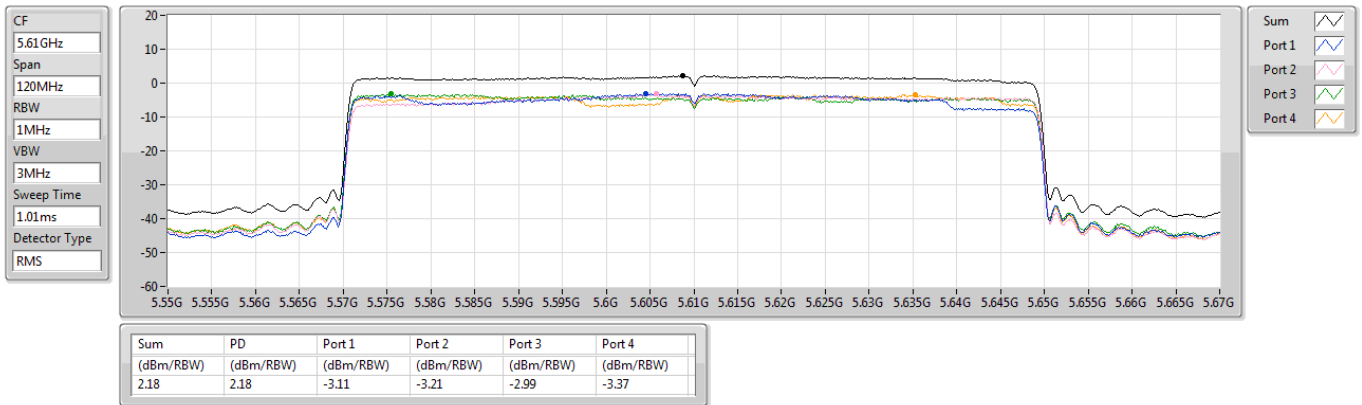
5530MHz



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

PSD

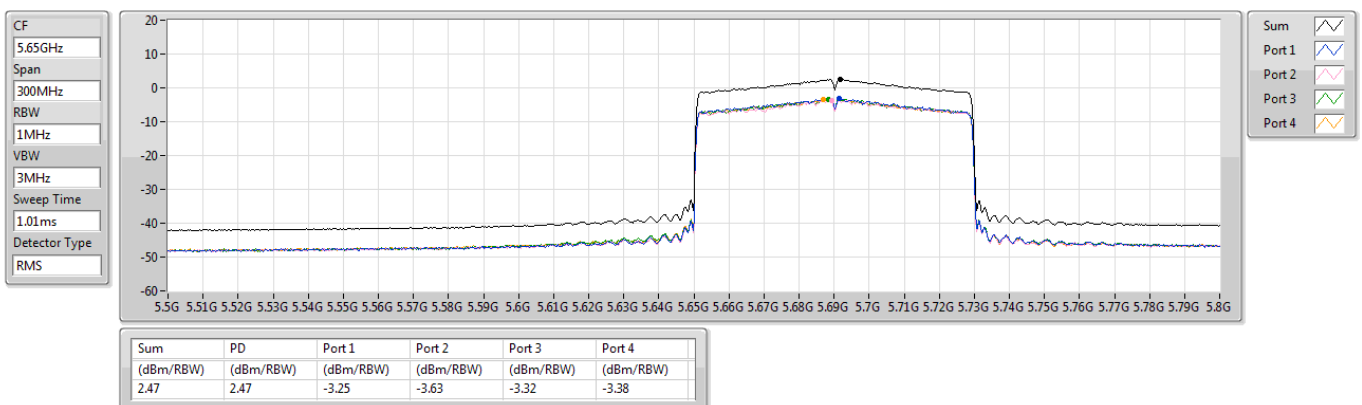
5610MHz



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

PSD

5690MHz Straddle 5.47-5.725GHz

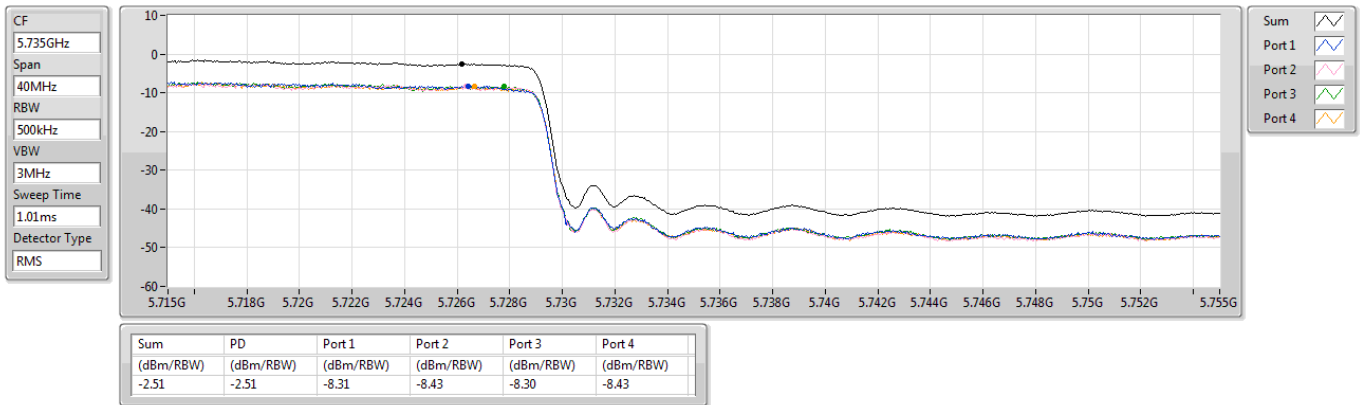




5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

PSD

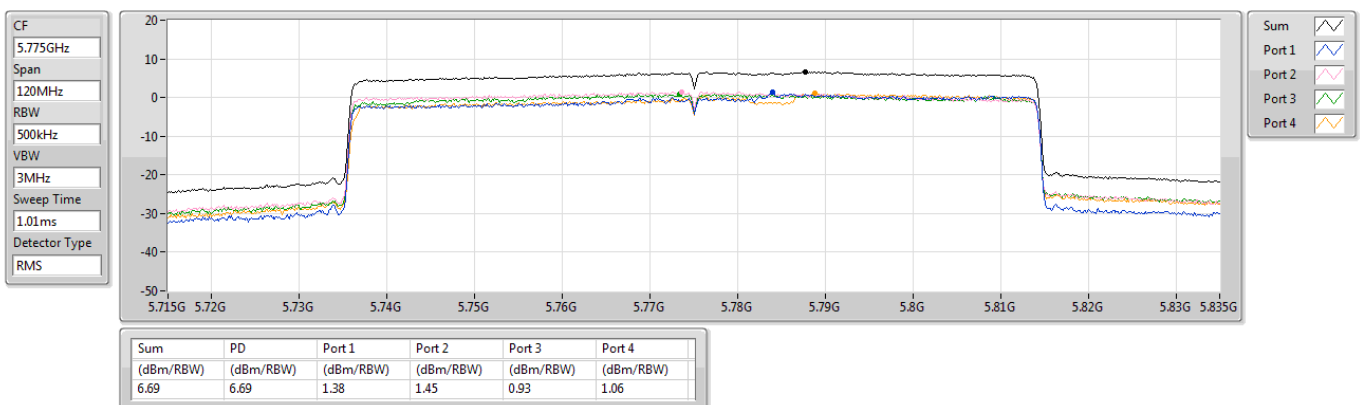
5690MHz Straddle 5.725-5.85GHz



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

PSD

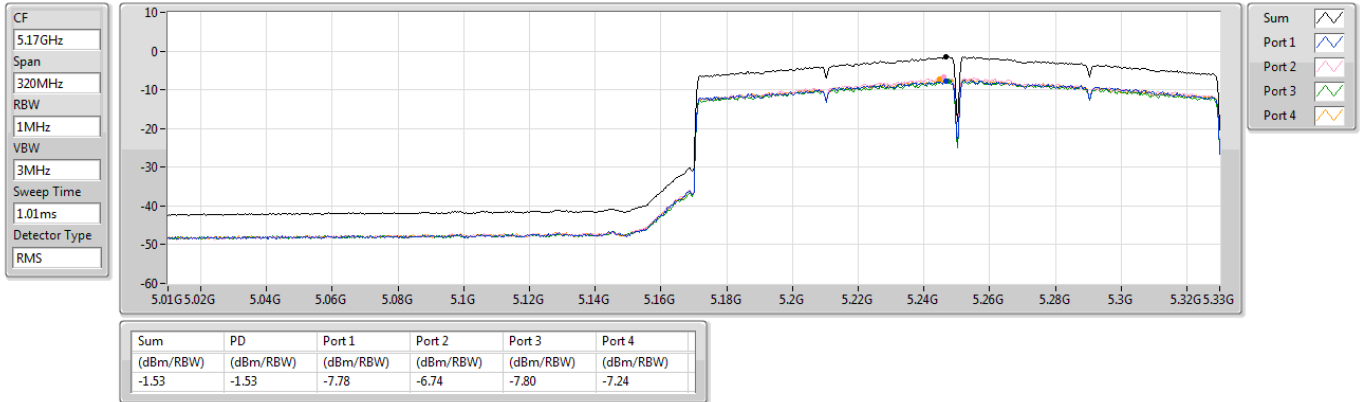
5775MHz



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

PSD

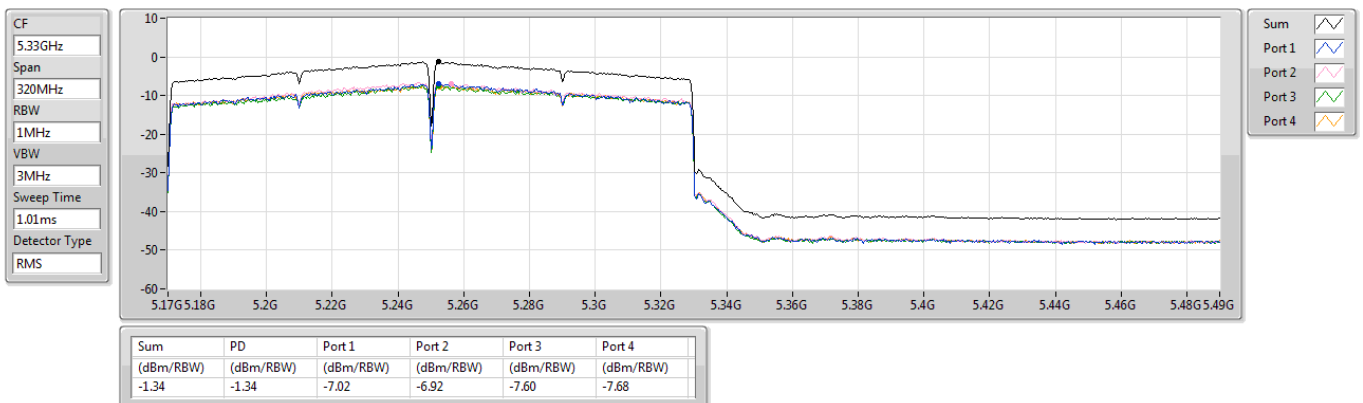
5250MHz Straddle 5.15-5.25GHz



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

PSD

5250MHz Straddle 5.25-5.35GHz

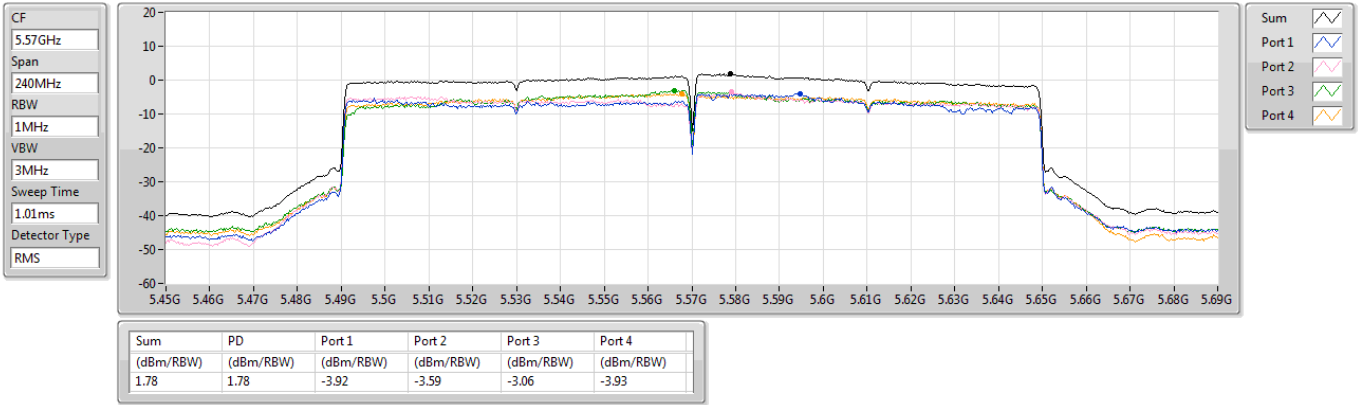




5.47-5.725GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

PSD

5570MHz



**Non-beamforming mode****Test configuration 1: Without SFP, model: SDG-8612****Unwanted Emissions (Below 1GHz)**

Modulation	ax HE40	Test Freq. (MHz)	5230
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):23 Humidity(%):66			
Level (dBuV/m) <			



Modulation	ax HE40		Test Freq. (MHz)		5230																																																																							
Polarization	Vertical																																																																											
Test By :Sean Yu Temperature(°C):23 Humidity(%):66																																																																												
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>44.55</td><td>33.65</td><td>40.00</td><td>-6.35</td><td>42.10</td><td>-8.45</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>2</td><td>57.16</td><td>34.31</td><td>40.00</td><td>-5.69</td><td>42.90</td><td>-8.59</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>3</td><td>111.48</td><td>35.52</td><td>43.50</td><td>-7.98</td><td>47.26</td><td>-11.74</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>4</td><td>142.52</td><td>33.95</td><td>43.50</td><td>-9.55</td><td>43.13</td><td>-9.18</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>5</td><td>249.43</td><td>35.66</td><td>46.00</td><td>-10.34</td><td>45.74</td><td>-10.08</td><td>Peak</td><td>---</td><td>---</td></tr><tr><td>6</td><td>499.48</td><td>39.11</td><td>46.00</td><td>-6.89</td><td>42.33</td><td>-3.22</td><td>Peak</td><td>---</td><td>---</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	44.55	33.65	40.00	-6.35	42.10	-8.45	Peak	---	---	2	57.16	34.31	40.00	-5.69	42.90	-8.59	Peak	---	---	3	111.48	35.52	43.50	-7.98	47.26	-11.74	Peak	---	---	4	142.52	33.95	43.50	-9.55	43.13	-9.18	Peak	---	---	5	249.43	35.66	46.00	-10.34	45.74	-10.08	Peak	---	---	6	499.48	39.11	46.00	-6.89	42.33	-3.22	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	44.55	33.65	40.00	-6.35	42.10	-8.45	Peak	---	---																																																																			
2	57.16	34.31	40.00	-5.69	42.90	-8.59	Peak	---	---																																																																			
3	111.48	35.52	43.50	-7.98	47.26	-11.74	Peak	---	---																																																																			
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6	499.48	39.11	46.00	-6.89	42.33	-3.22	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.																																																																												



Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):23 Humidity(%):66			
Level (dBUV/m) </			



Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):23 Humidity(%):66			
Level (dBUV/m)			



Test configuration 2: With SFP, model: SDG-8614

Unwanted Emissions (Below 1GHz)

Modulation	ax HE40		Test Freq. (MHz)		5230		
Polarization	Horizontal						
Test By		:Sean Yu		Temperature(°C):24		Humidity(%):62	
Level (dBuV/m) </							



Modulation	ax HE40	Test Freq. (MHz)	5230
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):24 Humidity(%):62			
Level (dBUV/m) </			

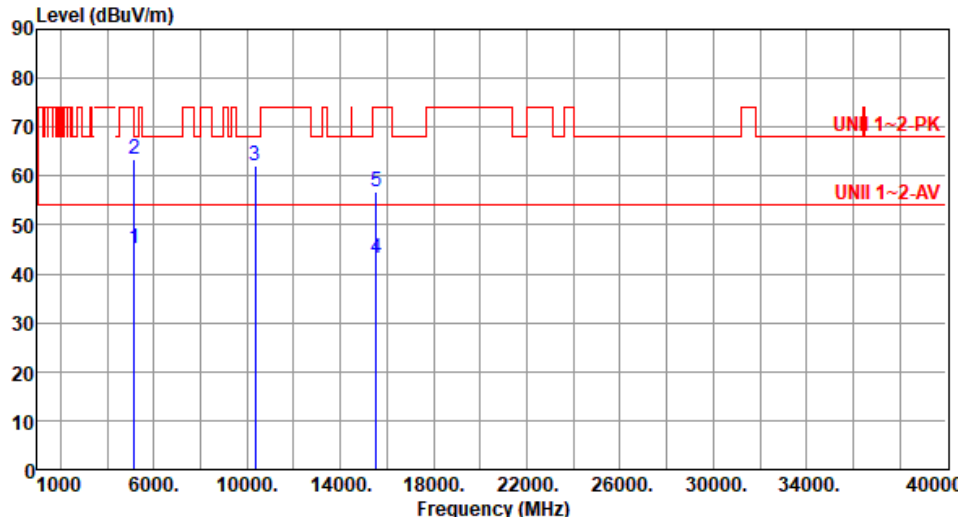


Modulation	11a	Test Freq. (MHz)	5745
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):24 Humidity(%):62			
Level (dBUV/m)			



Modulation	11a	Test Freq. (MHz)	5745
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):24 Humidity(%):62			
Level (dBUV/m) <			

Unwanted Emissions (Above 1GHz) for 11a

Modulation	11a	Test Freq. (MHz)	5180						
Polarization	Horizontal								
Test By :Paul Lin Temperature(°C):25 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	45.19	54.00	-8.81	45.05	0.14	Average	236	243
2	5150.00	63.45	74.00	-10.55	63.31	0.14	Peak	236	243
3	10360.00	62.24	68.20	-5.96	55.23	7.01	Peak	110	336
4	15540.00	43.18	54.00	-10.82	39.13	4.05	Average	100	125
5	15540.00	56.93	74.00	-17.07	52.88	4.05	Peak	100	125

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 :Paul Lin Temperature(°C):25 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>48.16</td><td>54.00</td><td>-5.84</td><td>48.02</td><td>0.14</td><td>Average</td><td>130</td><td>135</td></tr><tr><td>2</td><td>5150.00</td><td>70.74</td><td>74.00</td><td>-3.26</td><td>70.60</td><td>0.14</td><td>Peak</td><td>130</td><td>135</td></tr><tr><td>3</td><td>10360.00</td><td>63.46</td><td>68.20</td><td>-4.74</td><td>56.45</td><td>7.01</td><td>Peak</td><td>100</td><td>317</td></tr><tr><td>4</td><td>15540.00</td><td>43.27</td><td>54.00</td><td>-10.73</td><td>39.22</td><td>4.05</td><td>Average</td><td>100</td><td>100</td></tr><tr><td>5</td><td>15540.00</td><td>57.23</td><td>74.00</td><td>-16.77</td><td>53.18</td><td>4.05</td><td>Peak</td><td>100</td><td>100</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	48.16	54.00	-5.84	48.02	0.14	Average	130	135	2	5150.00	70.74	74.00	-3.26	70.60	0.14	Peak	130	135	3	10360.00	63.46	68.20	-4.74	56.45	7.01	Peak	100	317	4	15540.00	43.27	54.00	-10.73	39.22	4.05	Average	100	100	5	15540.00	57.23	74.00	-16.77	53.18	4.05	Peak	100	100
	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	48.16	54.00	-5.84	48.02	0.14	Average	130	135																																																						
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3	10360.00	63.46	68.20	-4.74	56.45	7.01	Peak	100	317																																																						
4	15540.00	43.27	54.00	-10.73	39.22	4.05	Average	100	100																																																						
5	15540.00	57.23	74.00	-16.77	53.18	4.05	Peak	100	100																																																						
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 :Paul Lin Temperature(°C):25 Humidity(%):62			
Level (dBUV/m) <			



Modulation	11a	Test Freq. (MHz)	5200																																																																																																				
Polarization	Vertical																																																																																																						
Test By :Paul Lin Temperature(°C):25 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>5150.00</td><td>45.70</td><td>54.00</td><td>-8.30</td><td>45.56</td><td>0.14</td><td>Average</td><td>100</td><td>6</td></tr><tr><td>2</td><td>5150.00</td><td>64.40</td><td>74.00</td><td>-9.60</td><td>64.26</td><td>0.14</td><td>Peak</td><td>100</td><td>6</td></tr><tr><td>3</td><td>5350.00</td><td>43.48</td><td>54.00</td><td>-10.52</td><td>43.77</td><td>-0.29</td><td>Average</td><td>100</td><td>6</td></tr><tr><td>4</td><td>5350.00</td><td>57.03</td><td>74.00</td><td>-16.97</td><td>57.32</td><td>-0.29</td><td>Peak</td><td>100</td><td>6</td></tr><tr><td>5</td><td>10400.00</td><td>63.93</td><td>68.20</td><td>-4.27</td><td>56.82</td><td>7.11</td><td>Peak</td><td>100</td><td>312</td></tr><tr><td>6</td><td>15600.00</td><td>43.32</td><td>54.00</td><td>-10.68</td><td>39.47</td><td>3.85</td><td>Average</td><td>100</td><td>129</td></tr><tr><td>7</td><td>15600.00</td><td>57.33</td><td>74.00</td><td>-16.67</td><td>53.48</td><td>3.85</td><td>Peak</td><td>100</td><td>129</td></tr><tr><td>8</td><td>20800.00</td><td>44.12</td><td>54.00</td><td>-9.88</td><td>41.59</td><td>2.53</td><td>Average</td><td>247</td><td>112</td></tr><tr><td>9</td><td>20800.00</td><td>59.73</td><td>74.00</td><td>-14.27</td><td>57.20</td><td>2.53</td><td>Peak</td><td>247</td><td>112</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. 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	45.70	54.00	-8.30	45.56	0.14	Average	100	6	2	5150.00	64.40	74.00	-9.60	64.26	0.14	Peak	100	6	3	5350.00	43.48	54.00	-10.52	43.77	-0.29	Average	100	6	4	5350.00	57.03	74.00	-16.97	57.32	-0.29	Peak	100	6	5	10400.00	63.93	68.20	-4.27	56.82	7.11	Peak	100	312	6	15600.00	43.32	54.00	-10.68	39.47	3.85	Average	100	129	7	15600.00	57.33	74.00	-16.67	53.48	3.85	Peak	100	129	8	20800.00	44.12	54.00	-9.88	41.59	2.53	Average	247	112	9	20800.00	59.73	74.00	-14.27	57.20	2.53	Peak	247	112
	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	45.70	54.00	-8.30	45.56	0.14	Average	100	6																																																																																														
2	5150.00	64.40	74.00	-9.60	64.26	0.14	Peak	100	6																																																																																														
3	5350.00	43.48	54.00	-10.52	43.77	-0.29	Average	100	6																																																																																														
4	5350.00	57.03	74.00	-16.97	57.32	-0.29	Peak	100	6																																																																																														
5	10400.00	63.93	68.20	-4.27	56.82	7.11	Peak	100	312																																																																																														
6	15600.00	43.32	54.00	-10.68	39.47	3.85	Average	100	129																																																																																														
7	15600.00	57.33	74.00	-16.67	53.48	3.85	Peak	100	129																																																																																														
8	20800.00	44.12	54.00	-9.88	41.59	2.53	Average	247	112																																																																																														
9	20800.00	59.73	74.00	-14.27	57.20	2.53	Peak	247	112																																																																																														



Modulation	11a	Test Freq. (MHz)	5240																																																																																
Polarization	Horizontal																																																																																		
Test By :Paul Lin Temperature(°C):25 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>5150.00</td><td>44.74</td><td>54.00</td><td>-9.26</td><td>44.60</td><td>0.14</td><td>Average</td><td>249</td><td>275</td></tr><tr><td>2</td><td>5150.00</td><td>58.32</td><td>74.00</td><td>-15.68</td><td>58.18</td><td>0.14</td><td>Peak</td><td>249</td><td>275</td></tr><tr><td>3</td><td>5350.00</td><td>44.47</td><td>54.00</td><td>-9.53</td><td>44.76</td><td>-0.29</td><td>Average</td><td>249</td><td>275</td></tr><tr><td>4</td><td>5350.00</td><td>58.88</td><td>74.00</td><td>-15.12</td><td>59.17</td><td>-0.29</td><td>Peak</td><td>249</td><td>275</td></tr><tr><td>5</td><td>10480.00</td><td>62.91</td><td>68.20</td><td>-5.29</td><td>55.74</td><td>7.17</td><td>Peak</td><td>105</td><td>335</td></tr><tr><td>6</td><td>15720.00</td><td>42.99</td><td>54.00</td><td>-11.01</td><td>39.16</td><td>3.83</td><td>Average</td><td>100</td><td>196</td></tr><tr><td>7</td><td>15720.00</td><td>56.94</td><td>74.00</td><td>-17.06</td><td>53.11</td><td>3.83</td><td>Peak</td><td>100</td><td>196</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	44.74	54.00	-9.26	44.60	0.14	Average	249	275	2	5150.00	58.32	74.00	-15.68	58.18	0.14	Peak	249	275	3	5350.00	44.47	54.00	-9.53	44.76	-0.29	Average	249	275	4	5350.00	58.88	74.00	-15.12	59.17	-0.29	Peak	249	275	5	10480.00	62.91	68.20	-5.29	55.74	7.17	Peak	105	335	6	15720.00	42.99	54.00	-11.01	39.16	3.83	Average	100	196	7	15720.00	56.94	74.00	-17.06	53.11	3.83	Peak	100	196
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
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6	15720.00	42.99	54.00	-11.01	39.16	3.83	Average	100	196																																																																										
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Modulation	11a	Test Freq. (MHz)	5240																																																																																
Polarization	Vertical																																																																																		
Test By :Paul Lin Temperature(°C):25 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>45.80</td><td>54.00</td><td>-8.20</td><td>45.66</td><td>0.14</td><td>Average</td><td>100</td><td>10</td></tr><tr><td>2</td><td>5150.00</td><td>56.44</td><td>74.00</td><td>-17.56</td><td>56.30</td><td>0.14</td><td>Peak</td><td>100</td><td>10</td></tr><tr><td>3</td><td>5350.00</td><td>45.88</td><td>54.00</td><td>-8.12</td><td>46.17</td><td>-0.29</td><td>Average</td><td>100</td><td>10</td></tr><tr><td>4</td><td>5350.00</td><td>58.33</td><td>74.00</td><td>-15.67</td><td>58.62</td><td>-0.29</td><td>Peak</td><td>100</td><td>10</td></tr><tr><td>5</td><td>10480.00</td><td>65.32</td><td>68.20</td><td>-2.88</td><td>58.15</td><td>7.17</td><td>Peak</td><td>100</td><td>312</td></tr><tr><td>6</td><td>15720.00</td><td>42.99</td><td>54.00</td><td>-11.01</td><td>39.16</td><td>3.83</td><td>Average</td><td>100</td><td>112</td></tr><tr><td>7</td><td>15720.00</td><td>56.77</td><td>74.00</td><td>-17.23</td><td>52.94</td><td>3.83</td><td>Peak</td><td>100</td><td>112</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	45.80	54.00	-8.20	45.66	0.14	Average	100	10	2	5150.00	56.44	74.00	-17.56	56.30	0.14	Peak	100	10	3	5350.00	45.88	54.00	-8.12	46.17	-0.29	Average	100	10	4	5350.00	58.33	74.00	-15.67	58.62	-0.29	Peak	100	10	5	10480.00	65.32	68.20	-2.88	58.15	7.17	Peak	100	312	6	15720.00	42.99	54.00	-11.01	39.16	3.83	Average	100	112	7	15720.00	56.77	74.00	-17.23	52.94	3.83	Peak	100	112
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
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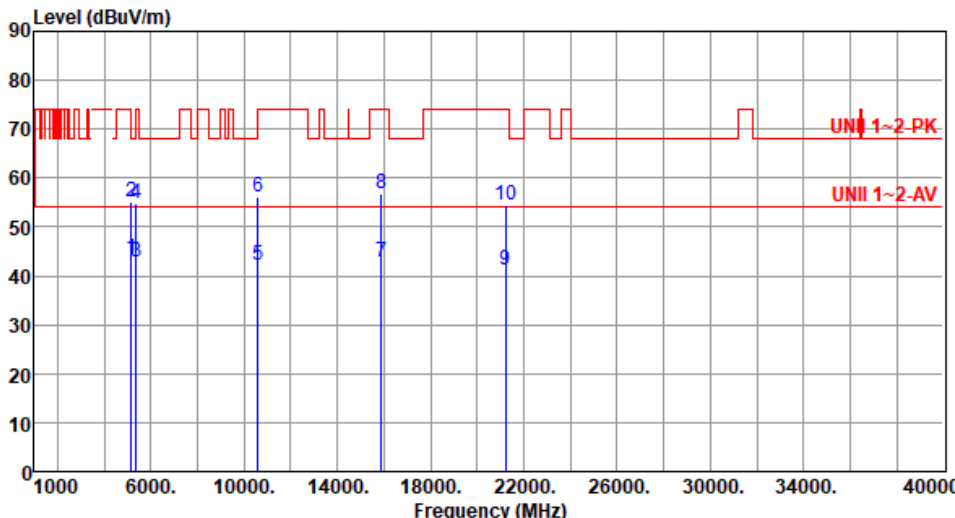


Modulation	11a	Test Freq. (MHz)	5260																																																																																
Polarization	Horizontal																																																																																		
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																																			
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>5150.00</td><td>44.54</td><td>54.00</td><td>-9.46</td><td>44.40</td><td>0.14</td><td>Average</td><td>236</td><td>281</td></tr><tr><td>2</td><td>5150.00</td><td>57.18</td><td>74.00</td><td>-16.82</td><td>57.04</td><td>0.14</td><td>Peak</td><td>236</td><td>281</td></tr><tr><td>3</td><td>5350.00</td><td>44.09</td><td>54.00</td><td>-9.91</td><td>44.38</td><td>-0.29</td><td>Average</td><td>236</td><td>281</td></tr><tr><td>4</td><td>5350.00</td><td>55.45</td><td>74.00</td><td>-18.55</td><td>55.74</td><td>-0.29</td><td>Peak</td><td>236</td><td>281</td></tr><tr><td>5</td><td>10520.00</td><td>57.36</td><td>68.20</td><td>-10.84</td><td>50.17</td><td>7.19</td><td>Peak</td><td>100</td><td>344</td></tr><tr><td>6</td><td>15780.00</td><td>43.12</td><td>54.00</td><td>-10.88</td><td>39.25</td><td>3.87</td><td>Average</td><td>100</td><td>127</td></tr><tr><td>7</td><td>15780.00</td><td>57.18</td><td>74.00</td><td>-16.82</td><td>53.31</td><td>3.87</td><td>Peak</td><td>100</td><td>127</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	44.54	54.00	-9.46	44.40	0.14	Average	236	281	2	5150.00	57.18	74.00	-16.82	57.04	0.14	Peak	236	281	3	5350.00	44.09	54.00	-9.91	44.38	-0.29	Average	236	281	4	5350.00	55.45	74.00	-18.55	55.74	-0.29	Peak	236	281	5	10520.00	57.36	68.20	-10.84	50.17	7.19	Peak	100	344	6	15780.00	43.12	54.00	-10.88	39.25	3.87	Average	100	127	7	15780.00	57.18	74.00	-16.82	53.31	3.87	Peak	100	127
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																										
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Modulation	11a	Test Freq. (MHz)	5260																																																																																
Polarization	Vertical																																																																																		
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																																			
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	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	44.29	54.00	-9.71	44.15	0.14	Average	100	16																																																																										
2	5150.00	56.02	74.00	-17.98	55.88	0.14	Peak	100	16																																																																										
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4	5350.00	55.72	74.00	-18.28	56.01	-0.29	Peak	100	16																																																																										
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Modulation	11a	Test Freq. (MHz)	5300						
Polarization	Horizontal								
Test By :Paul Lin Temperature(°C):25 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	5150.00	43.39	54.00	-10.61	43.25	0.14	Average	222	278
2	5150.00	55.23	74.00	-18.77	55.09	0.14	Peak	222	278
3	5350.00	42.98	54.00	-11.02	43.27	-0.29	Average	222	278
4	5350.00	54.77	74.00	-19.23	55.06	-0.29	Peak	222	278
5	10600.00	42.09	54.00	-11.91	34.92	7.17	Average	111	335
6	10600.00	56.19	74.00	-17.81	49.02	7.17	Peak	111	335
7	15900.00	42.99	54.00	-11.01	38.94	4.05	Average	100	176
8	15900.00	56.88	74.00	-17.12	52.83	4.05	Peak	100	176
9	21200.00	41.02	54.00	-12.98	37.73	3.29	Average	100	120
10	21200.00	54.49	74.00	-19.51	51.20	3.29	Peak	100	120

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).

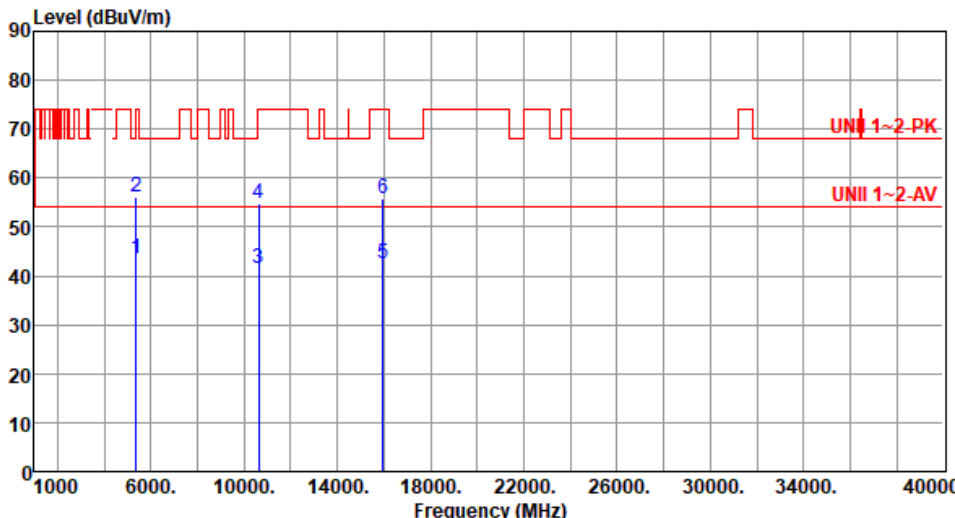


Modulation	11a		Test Freq. (MHz)		5300																																																																																																																																						
Polarization	Vertical																																																																																																																																										
Test By :Paul Lin			Temperature(°C):25			Humidity(%):62																																																																																																																																					
Level (dBuV/m) Frequency (MHz) <table><thead><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></th><th></th><th>reading</th><th></th><th></th><th>High</th><th>Table</th></tr><tr><th></th><th></th><th>dBuV/m</th><th>dBuV/m</th><th>dB</th><th>dBuV</th><th>dB/m</th><th></th><th>cm</th><th>deg</th></tr></thead><tbody><tr><td>1</td><td>5150.00</td><td>43.71</td><td>54.00</td><td>-10.29</td><td>43.57</td><td>0.14</td><td>Average</td><td>102</td><td>7</td></tr><tr><td>2</td><td>5150.00</td><td>55.41</td><td>74.00</td><td>-18.59</td><td>55.27</td><td>0.14</td><td>Peak</td><td>102</td><td>7</td></tr><tr><td>3</td><td>5350.00</td><td>43.18</td><td>54.00</td><td>-10.82</td><td>43.47</td><td>-0.29</td><td>Average</td><td>102</td><td>7</td></tr><tr><td>4</td><td>5350.00</td><td>55.47</td><td>74.00</td><td>-18.53</td><td>55.76</td><td>-0.29</td><td>Peak</td><td>102</td><td>7</td></tr><tr><td>5</td><td>10600.00</td><td>42.93</td><td>54.00</td><td>-11.07</td><td>35.76</td><td>7.17</td><td>Average</td><td>100</td><td>312</td></tr><tr><td>6</td><td>10600.00</td><td>56.94</td><td>74.00</td><td>-17.06</td><td>49.77</td><td>7.17</td><td>Peak</td><td>100</td><td>312</td></tr><tr><td>7</td><td>15900.00</td><td>43.17</td><td>54.00</td><td>-10.83</td><td>39.12</td><td>4.05</td><td>Average</td><td>100</td><td>108</td></tr><tr><td>8</td><td>15900.00</td><td>56.42</td><td>74.00</td><td>-17.58</td><td>52.37</td><td>4.05</td><td>Peak</td><td>100</td><td>108</td></tr><tr><td>9</td><td>21200.00</td><td>41.12</td><td>54.00</td><td>-12.88</td><td>37.83</td><td>3.29</td><td>Average</td><td>100</td><td>156</td></tr><tr><td>10</td><td>21200.00</td><td>54.67</td><td>74.00</td><td>-19.33</td><td>51.38</td><td>3.29</td><td>Peak</td><td>100</td><td>156</td></tr></tbody></table>											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	43.71	54.00	-10.29	43.57	0.14	Average	102	7	2	5150.00	55.41	74.00	-18.59	55.27	0.14	Peak	102	7	3	5350.00	43.18	54.00	-10.82	43.47	-0.29	Average	102	7	4	5350.00	55.47	74.00	-18.53	55.76	-0.29	Peak	102	7	5	10600.00	42.93	54.00	-11.07	35.76	7.17	Average	100	312	6	10600.00	56.94	74.00	-17.06	49.77	7.17	Peak	100	312	7	15900.00	43.17	54.00	-10.83	39.12	4.05	Average	100	108	8	15900.00	56.42	74.00	-17.58	52.37	4.05	Peak	100	108	9	21200.00	41.12	54.00	-12.88	37.83	3.29	Average	100	156	10	21200.00	54.67	74.00	-19.33	51.38	3.29	Peak	100	156
	Freq.	Emission	Limit	Margin	SA	Factor	Remark	ANT	Turn																																																																																																																																		
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7	15900.00	43.17	54.00	-10.83	39.12	4.05	Average	100	108																																																																																																																																		
8	15900.00	56.42	74.00	-17.58	52.37	4.05	Peak	100	108																																																																																																																																		
9	21200.00	41.12	54.00	-12.88	37.83	3.29	Average	100	156																																																																																																																																		
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Modulation	11a	Test Freq. (MHz)	5320																																																																						
Polarization	Horizontal																																																																								
Test By :Paul Lin Temperature(°C):25 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>5350.00</td><td>43.02</td><td>54.00</td><td>-10.98</td><td>43.31</td><td>-0.29</td><td>Average</td><td>242</td><td>232</td></tr><tr><td>2</td><td>5350.00</td><td>56.16</td><td>74.00</td><td>-17.84</td><td>56.45</td><td>-0.29</td><td>Peak</td><td>242</td><td>232</td></tr><tr><td>3</td><td>10640.00</td><td>41.39</td><td>54.00</td><td>-12.61</td><td>34.27</td><td>7.12</td><td>Average</td><td>100</td><td>202</td></tr><tr><td>4</td><td>10640.00</td><td>54.70</td><td>74.00</td><td>-19.30</td><td>47.58</td><td>7.12</td><td>Peak</td><td>100</td><td>202</td></tr><tr><td>5</td><td>15960.00</td><td>42.70</td><td>54.00</td><td>-11.30</td><td>38.67</td><td>4.03</td><td>Average</td><td>100</td><td>155</td></tr><tr><td>6</td><td>15960.00</td><td>55.67</td><td>74.00</td><td>-18.33</td><td>51.64</td><td>4.03</td><td>Peak</td><td>100</td><td>155</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	43.02	54.00	-10.98	43.31	-0.29	Average	242	232	2	5350.00	56.16	74.00	-17.84	56.45	-0.29	Peak	242	232	3	10640.00	41.39	54.00	-12.61	34.27	7.12	Average	100	202	4	10640.00	54.70	74.00	-19.30	47.58	7.12	Peak	100	202	5	15960.00	42.70	54.00	-11.30	38.67	4.03	Average	100	155	6	15960.00	55.67	74.00	-18.33	51.64	4.03	Peak	100	155
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
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Modulation	11a	Test Freq. (MHz)	5320						
Polarization	Vertical								
Test By :Paul Lin Temperature(°C):25 Humidity(%):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	5350.00	43.54	54.00	-10.46	43.83	-0.29	Average	100	9
2	5350.00	56.18	74.00	-17.82	56.47	-0.29	Peak	100	9
3	10640.00	41.63	54.00	-12.37	34.51	7.12	Average	100	228
4	10640.00	54.80	74.00	-19.20	47.68	7.12	Peak	100	228
5	15960.00	42.58	54.00	-11.42	38.55	4.03	Average	100	103
6	15960.00	55.82	74.00	-18.18	51.79	4.03	Peak	100	103
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)	5500																																																																						
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Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																									
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	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	43.25	54.00	-10.75	43.28	-0.03	Average	232	254																																																																
2	5460.00	55.81	74.00	-18.19	55.84	-0.03	Peak	232	254																																																																
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6	16500.00	57.42	68.20	-10.78	51.43	5.99	Peak	100	104																																																																
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Modulation	11a	Test Freq. (MHz)	5500																																																																						
Polarization	Vertical																																																																								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																									
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	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																
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Modulation	11a	Test Freq. (MHz)	5580																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Paul Lin Temperature(°C):25 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>5460.00</td><td>43.11</td><td>54.00</td><td>-10.89</td><td>43.14</td><td>-0.03</td><td>Average</td><td>232</td><td>247</td></tr><tr><td>2</td><td>5460.00</td><td>55.64</td><td>74.00</td><td>-18.36</td><td>55.67</td><td>-0.03</td><td>Peak</td><td>232</td><td>247</td></tr><tr><td>3</td><td>5470.00</td><td>55.87</td><td>68.20</td><td>-12.33</td><td>55.88</td><td>-0.01</td><td>Peak</td><td>232</td><td>247</td></tr><tr><td>4</td><td>5725.00</td><td>56.40</td><td>68.20</td><td>-11.80</td><td>55.92</td><td>0.48</td><td>Peak</td><td>232</td><td>247</td></tr><tr><td>5</td><td>11160.00</td><td>42.23</td><td>54.00</td><td>-11.77</td><td>35.30</td><td>6.93</td><td>Average</td><td>100</td><td>335</td></tr><tr><td>6</td><td>11160.00</td><td>56.00</td><td>74.00</td><td>-18.00</td><td>49.07</td><td>6.93</td><td>Peak</td><td>100</td><td>335</td></tr><tr><td>7</td><td>16740.00</td><td>58.93</td><td>68.20</td><td>-9.27</td><td>52.58</td><td>6.35</td><td>Peak</td><td>100</td><td>225</td></tr><tr><td>8</td><td>22320.00</td><td>41.75</td><td>54.00</td><td>-12.25</td><td>37.18</td><td>4.57</td><td>Average</td><td>100</td><td>195</td></tr><tr><td>9</td><td>22320.00</td><td>54.82</td><td>74.00</td><td>-19.18</td><td>50.25</td><td>4.57</td><td>Peak</td><td>100</td><td>195</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	43.11	54.00	-10.89	43.14	-0.03	Average	232	247	2	5460.00	55.64	74.00	-18.36	55.67	-0.03	Peak	232	247	3	5470.00	55.87	68.20	-12.33	55.88	-0.01	Peak	232	247	4	5725.00	56.40	68.20	-11.80	55.92	0.48	Peak	232	247	5	11160.00	42.23	54.00	-11.77	35.30	6.93	Average	100	335	6	11160.00	56.00	74.00	-18.00	49.07	6.93	Peak	100	335	7	16740.00	58.93	68.20	-9.27	52.58	6.35	Peak	100	225	8	22320.00	41.75	54.00	-12.25	37.18	4.57	Average	100	195	9	22320.00	54.82	74.00	-19.18	50.25	4.57	Peak	100	195
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
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8	22320.00	41.75	54.00	-12.25	37.18	4.57	Average	100	195																																																																																														
9	22320.00	54.82	74.00	-19.18	50.25	4.57	Peak	100	195																																																																																														
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	Vertical																																																																																																						
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																																																							
<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>43.08</td><td>54.00</td><td>-10.92</td><td>43.11</td><td>-0.03</td><td>Average</td><td>100</td><td>9</td></tr><tr><td>2</td><td>5460.00</td><td>55.53</td><td>74.00</td><td>-18.47</td><td>55.56</td><td>-0.03</td><td>Peak</td><td>100</td><td>9</td></tr><tr><td>3</td><td>5470.00</td><td>55.85</td><td>68.20</td><td>-12.35</td><td>55.86</td><td>-0.01</td><td>Peak</td><td>100</td><td>9</td></tr><tr><td>4</td><td>5725.00</td><td>57.14</td><td>68.20</td><td>-11.06</td><td>56.66</td><td>0.48</td><td>Peak</td><td>100</td><td>9</td></tr><tr><td>5</td><td>11160.00</td><td>42.53</td><td>54.00</td><td>-11.47</td><td>35.60</td><td>6.93</td><td>Average</td><td>100</td><td>303</td></tr><tr><td>6</td><td>11160.00</td><td>56.06</td><td>74.00</td><td>-17.94</td><td>49.13</td><td>6.93</td><td>Peak</td><td>100</td><td>303</td></tr><tr><td>7</td><td>16740.00</td><td>59.02</td><td>68.20</td><td>-9.18</td><td>52.67</td><td>6.35</td><td>Peak</td><td>100</td><td>168</td></tr><tr><td>8</td><td>22320.00</td><td>41.91</td><td>54.00</td><td>-12.09</td><td>37.34</td><td>4.57</td><td>Average</td><td>100</td><td>206</td></tr><tr><td>9</td><td>22320.00</td><td>55.05</td><td>74.00</td><td>-18.95</td><td>50.48</td><td>4.57</td><td>Peak</td><td>100</td><td>206</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	43.08	54.00	-10.92	43.11	-0.03	Average	100	9	2	5460.00	55.53	74.00	-18.47	55.56	-0.03	Peak	100	9	3	5470.00	55.85	68.20	-12.35	55.86	-0.01	Peak	100	9	4	5725.00	57.14	68.20	-11.06	56.66	0.48	Peak	100	9	5	11160.00	42.53	54.00	-11.47	35.60	6.93	Average	100	303	6	11160.00	56.06	74.00	-17.94	49.13	6.93	Peak	100	303	7	16740.00	59.02	68.20	-9.18	52.67	6.35	Peak	100	168	8	22320.00	41.91	54.00	-12.09	37.34	4.57	Average	100	206	9	22320.00	55.05	74.00	-18.95	50.48	4.57	Peak	100	206
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
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Modulation	11a	Test Freq. (MHz)	5700
Polarization	Horizontal		
Test By :Paul Lin Temperature(°C):25 Humidity(%):62			
Level (dBuV/m)			



Modulation	11a	Test Freq. (MHz)	5700																																																		
Polarization	Vertical																																																				
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																					
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	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																												
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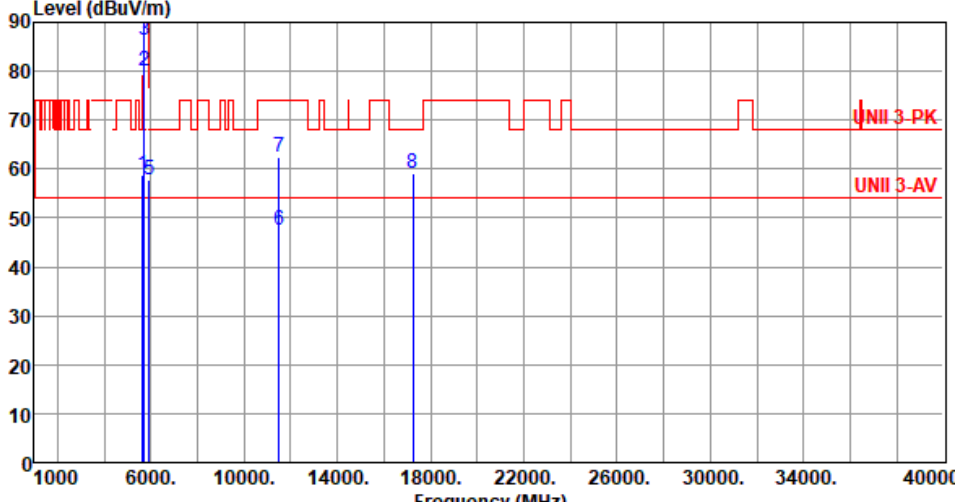


Modulation	11a	Test Freq. (MHz)	5720
Polarization	Horizontal		
Test By :Sean Yu Temperature(°C):23 Humidity(%):64			
Level (dBUV/m) <			

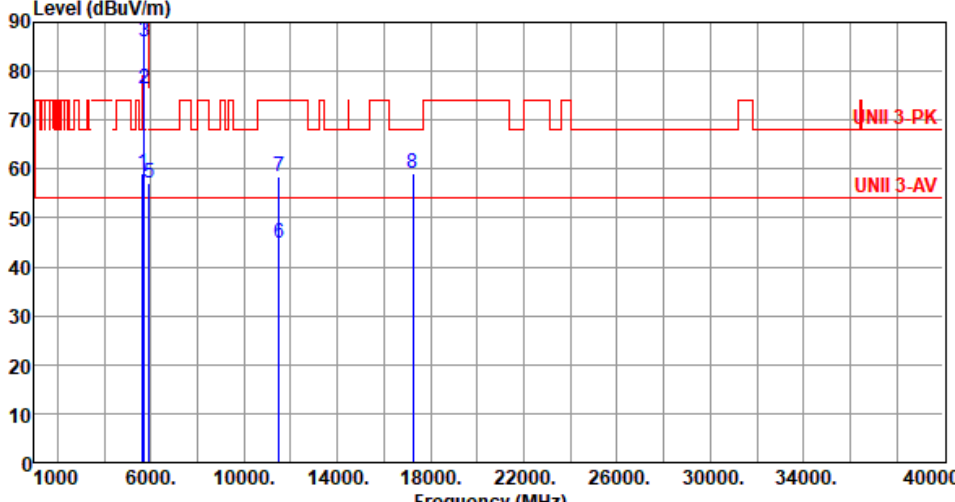


Modulation	11a	Test Freq. (MHz)	5720
Polarization	Vertical		
Test By :Sean Yu Temperature(°C):23 Humidity(%):64			
Level (dBUV/m)			



Modulation	11a	Test Freq. (MHz)	5745																																																																																										
Polarization	Horizontal																																																																																												
Test By :Paul Lin Temperature(°C):25 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>5650.00</td><td>58.75</td><td>68.20</td><td>-9.45</td><td>58.61</td><td>0.14</td><td>Peak</td><td>230</td><td>234</td></tr><tr><td>2</td><td>5700.00</td><td>79.94</td><td>105.20</td><td>-25.26</td><td>79.58</td><td>0.36</td><td>Peak</td><td>230</td><td>234</td></tr><tr><td>3</td><td>5720.00</td><td>86.41</td><td>110.80</td><td>-24.39</td><td>85.95</td><td>0.46</td><td>Peak</td><td>230</td><td>234</td></tr><tr><td>4</td><td>5725.00</td><td>90.11</td><td>122.20</td><td>-32.09</td><td>89.63</td><td>0.48</td><td>Peak</td><td>230</td><td>234</td></tr><tr><td>5</td><td>5925.00</td><td>57.79</td><td>68.20</td><td>-10.41</td><td>56.72</td><td>1.07</td><td>Peak</td><td>230</td><td>234</td></tr><tr><td>6</td><td>11490.00</td><td>47.42</td><td>54.00</td><td>-6.58</td><td>40.25</td><td>7.17</td><td>Average</td><td>188</td><td>226</td></tr><tr><td>7</td><td>11490.00</td><td>62.37</td><td>74.00</td><td>-11.63</td><td>55.20</td><td>7.17</td><td>Peak</td><td>188</td><td>226</td></tr><tr><td>8</td><td>17235.00</td><td>59.26</td><td>68.20</td><td>-8.94</td><td>53.18</td><td>6.08</td><td>Peak</td><td>100</td><td>104</td></tr></tbody></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. 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	58.75	68.20	-9.45	58.61	0.14	Peak	230	234	2	5700.00	79.94	105.20	-25.26	79.58	0.36	Peak	230	234	3	5720.00	86.41	110.80	-24.39	85.95	0.46	Peak	230	234	4	5725.00	90.11	122.20	-32.09	89.63	0.48	Peak	230	234	5	5925.00	57.79	68.20	-10.41	56.72	1.07	Peak	230	234	6	11490.00	47.42	54.00	-6.58	40.25	7.17	Average	188	226	7	11490.00	62.37	74.00	-11.63	55.20	7.17	Peak	188	226	8	17235.00	59.26	68.20	-8.94	53.18	6.08	Peak	100	104
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																				
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3	5720.00	86.41	110.80	-24.39	85.95	0.46	Peak	230	234																																																																																				
4	5725.00	90.11	122.20	-32.09	89.63	0.48	Peak	230	234																																																																																				
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Modulation	11a	Test Freq. (MHz)	5745																																																																																										
Polarization	Vertical																																																																																												
Test By :Paul Lin Temperature(°C):25 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>5650.00</td><td>59.16</td><td>68.20</td><td>-9.04</td><td>59.02</td><td>0.14</td><td>Peak</td><td>101</td><td>10</td></tr><tr><td>2</td><td>5700.00</td><td>76.47</td><td>105.20</td><td>-28.73</td><td>76.11</td><td>0.36</td><td>Peak</td><td>101</td><td>10</td></tr><tr><td>3</td><td>5720.00</td><td>86.06</td><td>110.80</td><td>-24.74</td><td>85.60</td><td>0.46</td><td>Peak</td><td>101</td><td>10</td></tr><tr><td>4</td><td>5725.00</td><td>92.12</td><td>122.20</td><td>-30.08</td><td>91.64</td><td>0.48</td><td>Peak</td><td>101</td><td>10</td></tr><tr><td>5</td><td>5925.00</td><td>57.15</td><td>68.20</td><td>-11.05</td><td>56.08</td><td>1.07</td><td>Peak</td><td>101</td><td>10</td></tr><tr><td>6</td><td>11490.00</td><td>44.80</td><td>54.00</td><td>-9.20</td><td>37.63</td><td>7.17</td><td>Average</td><td>126</td><td>281</td></tr><tr><td>7</td><td>11490.00</td><td>58.38</td><td>74.00</td><td>-15.62</td><td>51.21</td><td>7.17</td><td>Peak</td><td>126</td><td>281</td></tr><tr><td>8</td><td>17235.00</td><td>59.24</td><td>68.20</td><td>-8.96</td><td>53.16</td><td>6.08</td><td>Peak</td><td>100</td><td>211</td></tr></tbody></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. 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	59.16	68.20	-9.04	59.02	0.14	Peak	101	10	2	5700.00	76.47	105.20	-28.73	76.11	0.36	Peak	101	10	3	5720.00	86.06	110.80	-24.74	85.60	0.46	Peak	101	10	4	5725.00	92.12	122.20	-30.08	91.64	0.48	Peak	101	10	5	5925.00	57.15	68.20	-11.05	56.08	1.07	Peak	101	10	6	11490.00	44.80	54.00	-9.20	37.63	7.17	Average	126	281	7	11490.00	58.38	74.00	-15.62	51.21	7.17	Peak	126	281	8	17235.00	59.24	68.20	-8.96	53.16	6.08	Peak	100	211
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																				
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8	17235.00	59.24	68.20	-8.96	53.16	6.08	Peak	100	211																																																																																				



Modulation	11a	Test Freq. (MHz)	5785																																																															
Polarization	Horizontal																																																																	
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																		
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Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																										
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Modulation	11a	Test Freq. (MHz)	5785																																																																						
Polarization	Vertical																																																																								
Test By :Paul Lin Temperature(°C):25 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>56.19</td><td>68.20</td><td>-12.01</td><td>56.05</td><td>0.14</td><td>Peak</td><td>108</td><td>7</td></tr><tr><td>2</td><td>5925.00</td><td>57.14</td><td>68.20</td><td>-11.06</td><td>56.07</td><td>1.07</td><td>Peak</td><td>108</td><td>7</td></tr><tr><td>3</td><td>11570.00</td><td>44.65</td><td>54.00</td><td>-9.35</td><td>37.70</td><td>6.95</td><td>Average</td><td>125</td><td>277</td></tr><tr><td>4</td><td>11570.00</td><td>57.91</td><td>74.00</td><td>-16.09</td><td>50.96</td><td>6.95</td><td>Peak</td><td>125</td><td>277</td></tr><tr><td>5</td><td>17355.00</td><td>60.46</td><td>68.20</td><td>-7.74</td><td>54.24</td><td>6.22</td><td>Peak</td><td>100</td><td>121</td></tr><tr><td>6</td><td>23140.00</td><td>56.80</td><td>68.20</td><td>-11.40</td><td>50.57</td><td>6.23</td><td>Peak</td><td>341</td><td>124</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	56.19	68.20	-12.01	56.05	0.14	Peak	108	7	2	5925.00	57.14	68.20	-11.06	56.07	1.07	Peak	108	7	3	11570.00	44.65	54.00	-9.35	37.70	6.95	Average	125	277	4	11570.00	57.91	74.00	-16.09	50.96	6.95	Peak	125	277	5	17355.00	60.46	68.20	-7.74	54.24	6.22	Peak	100	121	6	23140.00	56.80	68.20	-11.40	50.57	6.23	Peak	341	124
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Modulation	11a	Test Freq. (MHz)	5825																																																																																										
Polarization	Horizontal																																																																																												
Test By :Paul Lin Temperature(°C):25 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>5650.00</td><td>56.61</td><td>68.20</td><td>-11.59</td><td>56.47</td><td>0.14</td><td>Peak</td><td>232</td><td>233</td></tr><tr><td>2</td><td>5850.00</td><td>81.59</td><td>122.20</td><td>-40.61</td><td>80.84</td><td>0.75</td><td>Peak</td><td>232</td><td>233</td></tr><tr><td>3</td><td>5855.00</td><td>80.42</td><td>110.80</td><td>-30.38</td><td>79.64</td><td>0.78</td><td>Peak</td><td>232</td><td>233</td></tr><tr><td>4</td><td>5875.00</td><td>71.12</td><td>105.20</td><td>-34.08</td><td>70.25</td><td>0.87</td><td>Peak</td><td>232</td><td>233</td></tr><tr><td>5</td><td>5925.00</td><td>57.41</td><td>68.20</td><td>-10.79</td><td>56.34</td><td>1.07</td><td>Peak</td><td>232</td><td>233</td></tr><tr><td>6</td><td>11650.00</td><td>46.78</td><td>54.00</td><td>-7.22</td><td>40.11</td><td>6.67</td><td>Average</td><td>183</td><td>221</td></tr><tr><td>7</td><td>11650.00</td><td>61.84</td><td>74.00</td><td>-12.16</td><td>55.17</td><td>6.67</td><td>Peak</td><td>183</td><td>221</td></tr><tr><td>8</td><td>17475.00</td><td>59.82</td><td>68.20</td><td>-8.38</td><td>53.24</td><td>6.58</td><td>Peak</td><td>100</td><td>208</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	5650.00	56.61	68.20	-11.59	56.47	0.14	Peak	232	233	2	5850.00	81.59	122.20	-40.61	80.84	0.75	Peak	232	233	3	5855.00	80.42	110.80	-30.38	79.64	0.78	Peak	232	233	4	5875.00	71.12	105.20	-34.08	70.25	0.87	Peak	232	233	5	5925.00	57.41	68.20	-10.79	56.34	1.07	Peak	232	233	6	11650.00	46.78	54.00	-7.22	40.11	6.67	Average	183	221	7	11650.00	61.84	74.00	-12.16	55.17	6.67	Peak	183	221	8	17475.00	59.82	68.20	-8.38	53.24	6.58	Peak	100	208
	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																				
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Modulation	11a	Test Freq. (MHz)	5825																																																																																										
Polarization	Vertical																																																																																												
Test By :Paul Lin Temperature(°C):25 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>56.91</td><td>68.20</td><td>-11.29</td><td>56.77</td><td>0.14</td><td>Peak</td><td>101</td><td>10</td></tr><tr><td>2</td><td>5850.00</td><td>85.90</td><td>122.20</td><td>-36.30</td><td>85.15</td><td>0.75</td><td>Peak</td><td>101</td><td>10</td></tr><tr><td>3</td><td>5855.00</td><td>83.50</td><td>110.80</td><td>-27.30</td><td>82.72</td><td>0.78</td><td>Peak</td><td>101</td><td>10</td></tr><tr><td>4</td><td>5875.00</td><td>77.04</td><td>105.20</td><td>-28.16</td><td>76.17</td><td>0.87</td><td>Peak</td><td>101</td><td>10</td></tr><tr><td>5</td><td>5925.00</td><td>58.61</td><td>68.20</td><td>-9.59</td><td>57.54</td><td>1.07</td><td>Peak</td><td>101</td><td>10</td></tr><tr><td>6</td><td>11650.00</td><td>44.35</td><td>54.00</td><td>-9.65</td><td>37.68</td><td>6.67</td><td>Average</td><td>123</td><td>278</td></tr><tr><td>7</td><td>11650.00</td><td>57.45</td><td>74.00</td><td>-16.55</td><td>50.78</td><td>6.67</td><td>Peak</td><td>123</td><td>278</td></tr><tr><td>8</td><td>17475.00</td><td>59.66</td><td>68.20</td><td>-8.54</td><td>53.08</td><td>6.58</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	56.91	68.20	-11.29	56.77	0.14	Peak	101	10	2	5850.00	85.90	122.20	-36.30	85.15	0.75	Peak	101	10	3	5855.00	83.50	110.80	-27.30	82.72	0.78	Peak	101	10	4	5875.00	77.04	105.20	-28.16	76.17	0.87	Peak	101	10	5	5925.00	58.61	68.20	-9.59	57.54	1.07	Peak	101	10	6	11650.00	44.35	54.00	-9.65	37.68	6.67	Average	123	278	7	11650.00	57.45	74.00	-16.55	50.78	6.67	Peak	123	278	8	17475.00	59.66	68.20	-8.54	53.08	6.58	Peak	100	113
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Unwanted Emissions (Above 1GHz) for ax HE20

Modulation	ax HE20	Test Freq. (MHz)	5180
Polarization	Horizontal		
Test By :Paul Lin Temperature(°C):25 Humidity(%):62			
Level (dBuV/m)			



Modulation	ax HE20	Test Freq. (MHz)	5180																																																												
Polarization	Vertical																																																														
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																															
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	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	52.11	54.00	-1.89	51.97	0.14	Average	100	10																																																						
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Modulation	ax HE20	Test Freq. (MHz)	5200																																																																																																				
Polarization	Horizontal																																																																																																						
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																																																							
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	Freq. MHz	Emission level dBUV/m	Limit dBUV/m	Margin dB	SA reading dBUV	Factor dB/m	Remark	ANT High cm	Turn Table deg																																																																																														
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Modulation	ax HE20	Test Freq. (MHz)	5200						
Polarization	Vertical								
Test By :Paul Lin Temperature(°C):25 Humidity(%):62									
Level (dBUV/m) Frequency (MHz)									
	Freq.	Emission level	Limit	Margin	SA reading	Factor	Remark	ANT High	Turn Table
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB/m		cm	deg
1	5150.00	46.23	54.00	-7.77	46.09	0.14	Average	101	11
2	5150.00	62.43	74.00	-11.57	62.29	0.14	Peak	101	11
3	5350.00	43.63	54.00	-10.37	43.92	-0.29	Average	101	11
4	5350.00	55.58	74.00	-18.42	55.87	-0.29	Peak	101	11
5	10400.00	66.28	68.20	-1.92	59.17	7.11	Peak	100	314
6	15600.00	43.53	54.00	-10.47	39.68	3.85	Average	100	206
7	15600.00	56.32	74.00	-17.68	52.47	3.85	Peak	100	206
8	20800.00	44.51	54.00	-9.49	41.98	2.53	Average	245	114
9	20800.00	60.02	74.00	-13.98	57.49	2.53	Peak	245	114

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	Test Freq. (MHz)	5240																																																																																
Polarization	Horizontal																																																																																		
Test By :Paul Lin Temperature(°C):25 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>43.79</td><td>54.00</td><td>-10.21</td><td>43.65</td><td>0.14</td><td>Average</td><td>209</td><td>266</td></tr><tr><td>2</td><td>5150.00</td><td>56.22</td><td>74.00</td><td>-17.78</td><td>56.08</td><td>0.14</td><td>Peak</td><td>209</td><td>266</td></tr><tr><td>3</td><td>5350.00</td><td>42.92</td><td>54.00</td><td>-11.08</td><td>43.21</td><td>-0.29</td><td>Average</td><td>209</td><td>266</td></tr><tr><td>4</td><td>5350.00</td><td>55.08</td><td>74.00</td><td>-18.92</td><td>55.37</td><td>-0.29</td><td>Peak</td><td>209</td><td>266</td></tr><tr><td>5</td><td>10480.00</td><td>63.48</td><td>68.20</td><td>-4.72</td><td>56.31</td><td>7.17</td><td>Peak</td><td>100</td><td>337</td></tr><tr><td>6</td><td>15720.00</td><td>43.46</td><td>54.00</td><td>-10.54</td><td>39.63</td><td>3.83</td><td>Average</td><td>100</td><td>102</td></tr><tr><td>7</td><td>15720.00</td><td>55.91</td><td>74.00</td><td>-18.09</td><td>52.08</td><td>3.83</td><td>Peak</td><td>100</td><td>102</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	43.79	54.00	-10.21	43.65	0.14	Average	209	266	2	5150.00	56.22	74.00	-17.78	56.08	0.14	Peak	209	266	3	5350.00	42.92	54.00	-11.08	43.21	-0.29	Average	209	266	4	5350.00	55.08	74.00	-18.92	55.37	-0.29	Peak	209	266	5	10480.00	63.48	68.20	-4.72	56.31	7.17	Peak	100	337	6	15720.00	43.46	54.00	-10.54	39.63	3.83	Average	100	102	7	15720.00	55.91	74.00	-18.09	52.08	3.83	Peak	100	102
	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	43.79	54.00	-10.21	43.65	0.14	Average	209	266																																																																										
2	5150.00	56.22	74.00	-17.78	56.08	0.14	Peak	209	266																																																																										
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7	15720.00	55.91	74.00	-18.09	52.08	3.83	Peak	100	102																																																																										
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	Test Freq. (MHz)	5240																																																																																
Polarization	Vertical																																																																																		
Test By :Paul Lin Temperature(°C):25 Humidity(%):62																																																																																			
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	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	43.80	54.00	-10.20	43.66	0.14	Average	100	9																																																																										
2	5150.00	56.80	74.00	-17.20	56.66	0.14	Peak	100	9																																																																										
3	5350.00	43.75	54.00	-10.25	44.04	-0.29	Average	100	9																																																																										
4	5350.00	55.48	74.00	-18.52	55.77	-0.29	Peak	100	9																																																																										
5	10480.00	65.65	68.20	-2.55	58.48	7.17	Peak	100	311																																																																										
6	15720.00	43.37	54.00	-10.63	39.54	3.83	Average	100	196																																																																										
7	15720.00	56.62	74.00	-17.38	52.79	3.83	Peak	100	196																																																																										
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	Test Freq. (MHz)	5260																																																																																
Polarization	Horizontal																																																																																		
Test By :Sean Yu Temperature(°C):23 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>5150.00</td><td>43.47</td><td>54.00</td><td>-10.53</td><td>43.33</td><td>0.14</td><td>Average</td><td>243</td><td>218</td></tr><tr><td>2</td><td>5150.00</td><td>55.52</td><td>74.00</td><td>-18.48</td><td>55.38</td><td>0.14</td><td>Peak</td><td>243</td><td>218</td></tr><tr><td>3</td><td>5350.00</td><td>43.23</td><td>54.00</td><td>-10.77</td><td>43.52</td><td>-0.29</td><td>Average</td><td>243</td><td>218</td></tr><tr><td>4</td><td>5350.00</td><td>55.39</td><td>74.00</td><td>-18.61</td><td>55.68</td><td>-0.29</td><td>Peak</td><td>243</td><td>218</td></tr><tr><td>5</td><td>10520.00</td><td>55.46</td><td>68.20</td><td>-12.74</td><td>48.27</td><td>7.19</td><td>Peak</td><td>100</td><td>31</td></tr><tr><td>6</td><td>15780.00</td><td>42.76</td><td>54.00</td><td>-11.24</td><td>38.89</td><td>3.87</td><td>Average</td><td>100</td><td>225</td></tr><tr><td>7</td><td>15780.00</td><td>55.55</td><td>74.00</td><td>-18.45</td><td>51.68</td><td>3.87</td><td>Peak</td><td>100</td><td>225</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	43.47	54.00	-10.53	43.33	0.14	Average	243	218	2	5150.00	55.52	74.00	-18.48	55.38	0.14	Peak	243	218	3	5350.00	43.23	54.00	-10.77	43.52	-0.29	Average	243	218	4	5350.00	55.39	74.00	-18.61	55.68	-0.29	Peak	243	218	5	10520.00	55.46	68.20	-12.74	48.27	7.19	Peak	100	31	6	15780.00	42.76	54.00	-11.24	38.89	3.87	Average	100	225	7	15780.00	55.55	74.00	-18.45	51.68	3.87	Peak	100	225
	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	43.47	54.00	-10.53	43.33	0.14	Average	243	218																																																																										
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5	10520.00	55.46	68.20	-12.74	48.27	7.19	Peak	100	31																																																																										
6	15780.00	42.76	54.00	-11.24	38.89	3.87	Average	100	225																																																																										
7	15780.00	55.55	74.00	-18.45	51.68	3.87	Peak	100	225																																																																										
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		Test Freq. (MHz)		5260				
Polarization	Vertical								
Test By :Sean Yu Temperature(°C):23 Humidity(%):64									
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	43.48	54.00	-10.52	43.34	0.14	Average	100	10
2	5150.00	55.85	74.00	-18.15	55.71	0.14	Peak	100	10
3	5350.00	43.29	54.00	-10.71	43.58	-0.29	Average	100	10
4	5350.00	55.50	74.00	-18.50	55.79	-0.29	Peak	100	10
5	10520.00	56.42	68.20	-11.78	49.23	7.19	Peak	102	313
6	15780.00	42.78	54.00	-11.22	38.91	3.87	Average	100	217
7	15780.00	55.65	74.00	-18.35	51.78	3.87	Peak	100	217

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).