

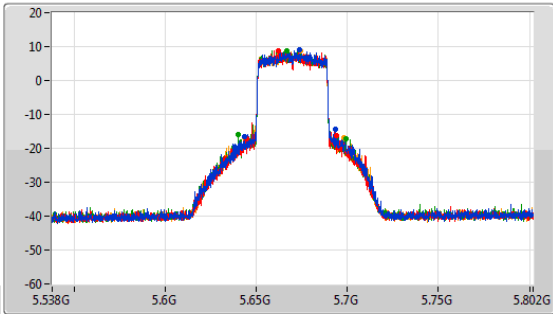


5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

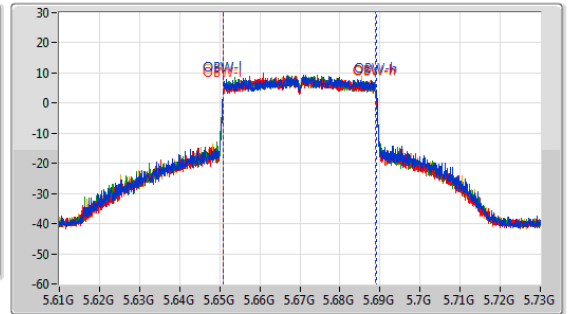
EBW

5670MHz

CF: 5.67GHz
 Span: 264MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.67GHz
 Span: 120MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



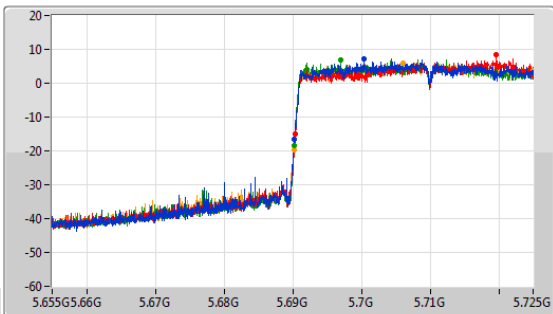
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
50.16M	5.6436G	5.69376G	38.021M	5.65099G	5.68901G	Inf	1
49.632M	5.644656G	5.694288G	37.961M	5.65099G	5.688951G	Inf	2
59.004M	5.6403G	5.699304G	37.901M	5.65099G	5.688891G	Inf	3
54.912M	5.643468G	5.69638G	37.901M	5.65099G	5.688891G	Inf	4

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

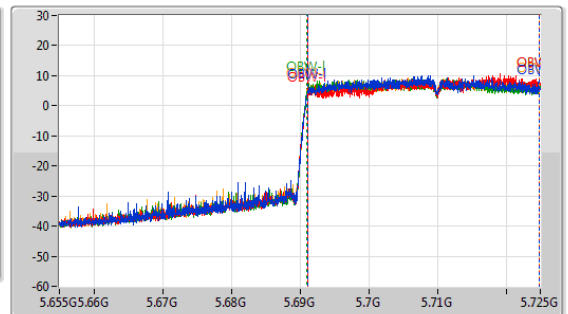
EBW

5710MHz Straddle 5.47-5.725GHz

CF: 5.69GHz
 Span: 70MHz
 RBW: 300kHz
 VBW: 1MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.69GHz
 Span: 70MHz
 RBW: 500kHz
 VBW: 2MHz
 Sweep Time: 100ms
 Detector Type: Peak



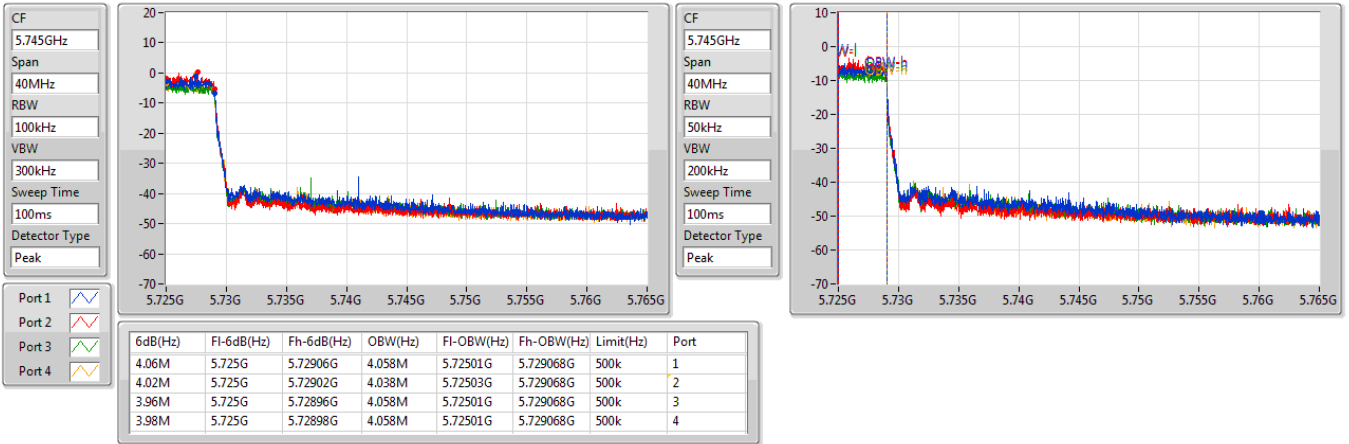
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
34.79M	5.69021G	5.725G	33.653M	5.691119G	5.724773G	Inf	1
34.65M	5.69035G	5.725G	33.723M	5.691119G	5.724843G	Inf	2
34.825M	5.690175G	5.725G	33.758M	5.691049G	5.724808G	Inf	3
34.825M	5.690175G	5.725G	33.723M	5.691049G	5.724773G	Inf	4



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

EBW

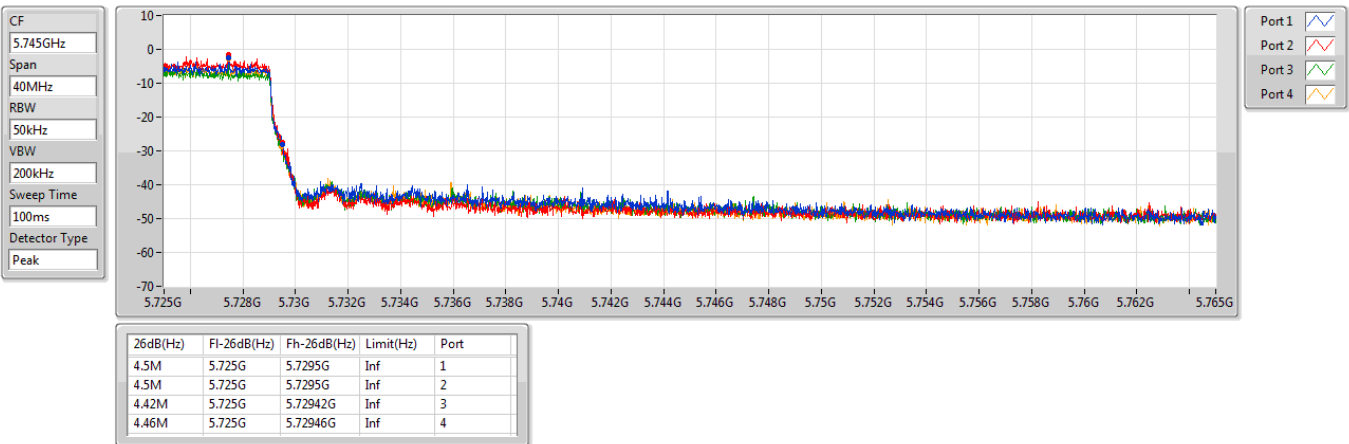
5710MHz Straddle 5.725-5.85GHz

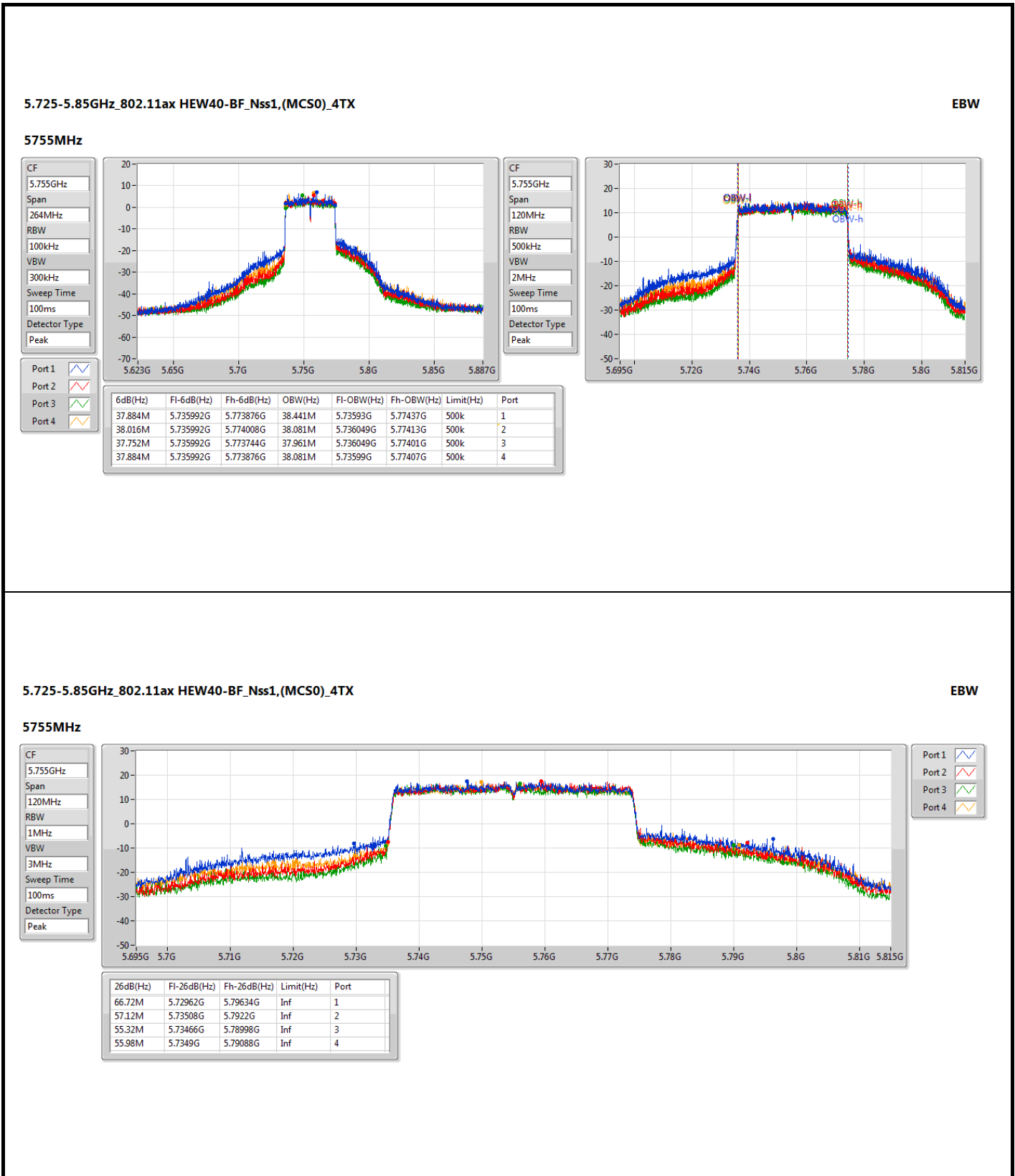


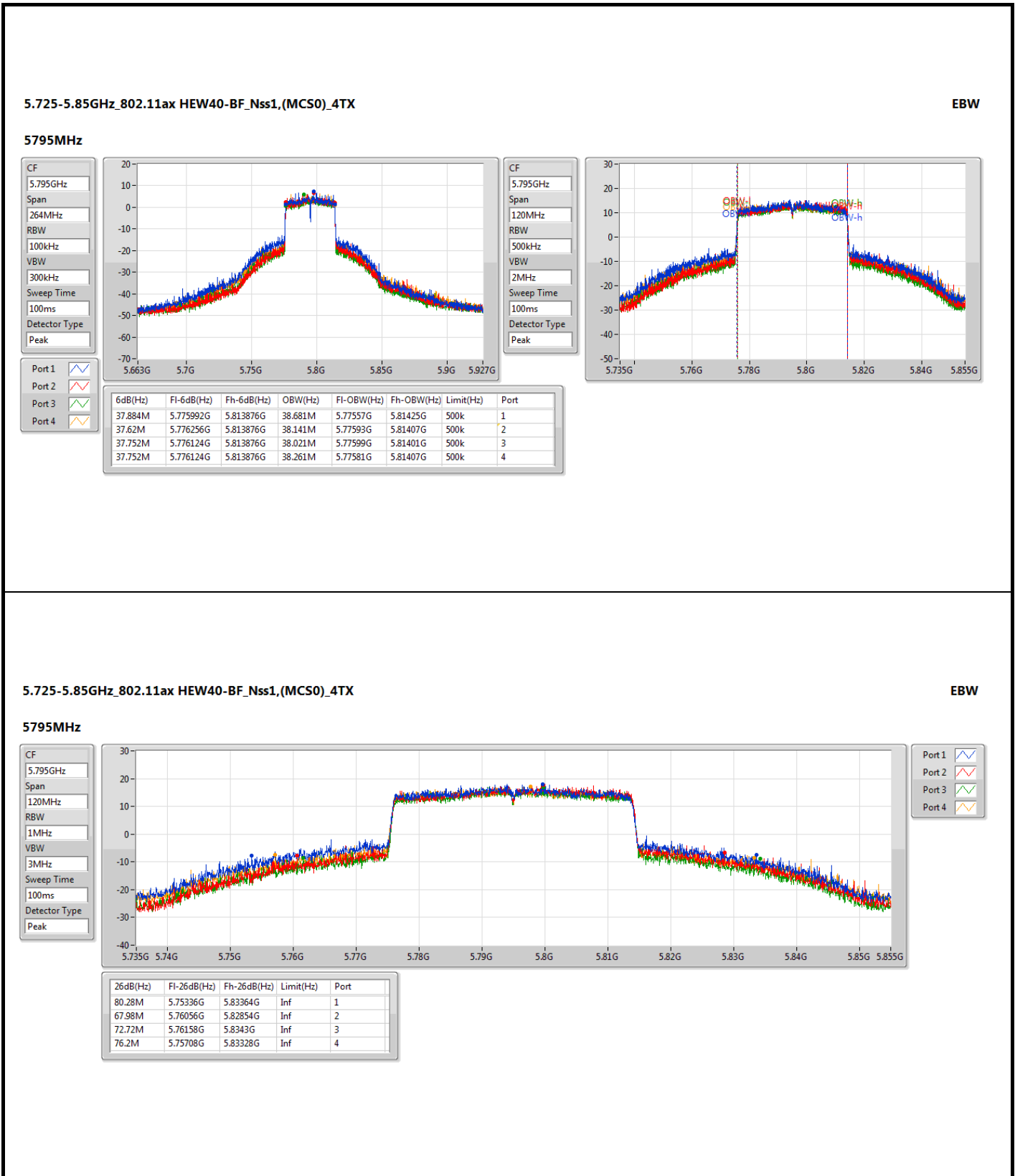
5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_4TX

EBW

5710MHz Straddle 5.725-5.85GHz







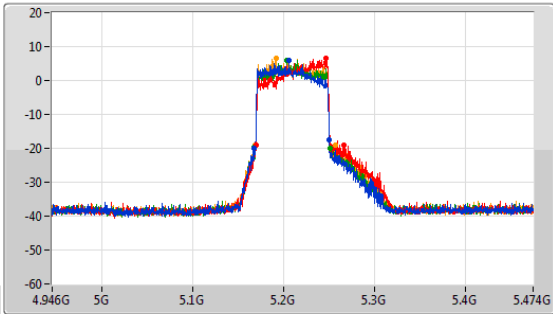


5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

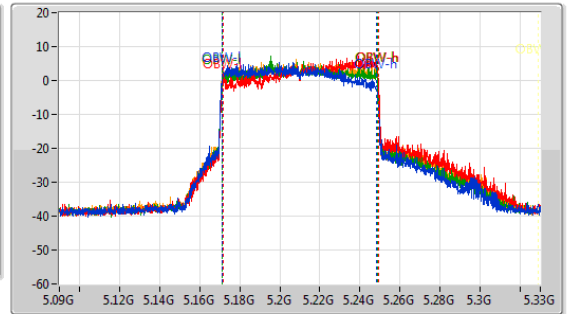
EBW

5210MHz

CF
5.21GHz
Span
528MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.21GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



Port 1
Port 2
Port 3
Port 4

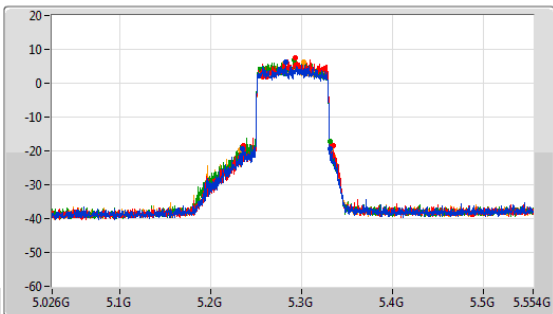
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
82.368M	5.16776G	5.250128G	77.121M	5.171139G	5.248261G	Inf	1
96.888M	5.169608G	5.266496G	77.361M	5.171739G	5.2491G	Inf	2
82.896M	5.16776G	5.250656G	77.361M	5.171379G	5.248741G	Inf	3
89.232M	5.168288G	5.25752G	77.481M	5.171259G	5.248741G	Inf	4

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

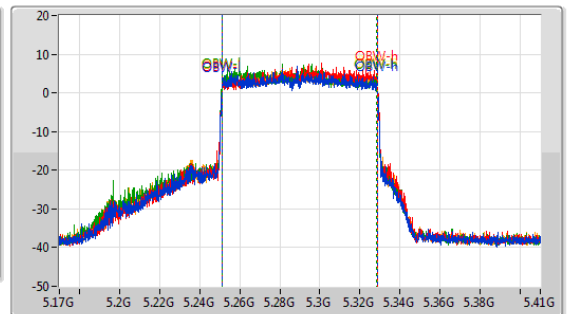
EBW

5290MHz

CF
5.29GHz
Span
528MHz
RBW
1MHz
VBW
3MHz
Sweep Time
100ms
Detector Type
Peak



CF
5.29GHz
Span
240MHz
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)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
96.624M	5.234824G	5.331448G	77.481M	5.251139G	5.328621G	Inf	1
98.736M	5.235616G	5.334352G	77.361M	5.251379G	5.328741G	Inf	2
96.096M	5.235088G	5.331184G	77.481M	5.251019G	5.328501G	Inf	3
100.056M	5.232448G	5.332504G	77.481M	5.251139G	5.328621G	Inf	4

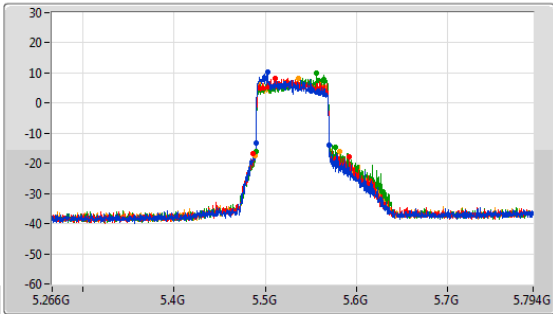


5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

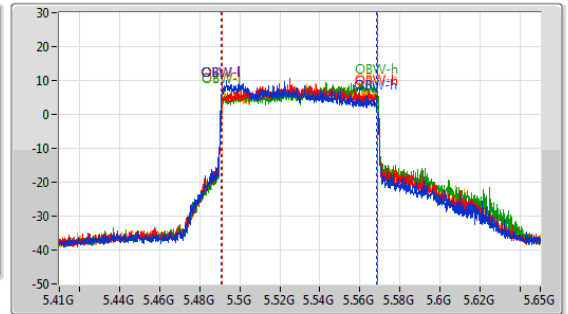
EBW

5530MHz

CF: 5.53GHz
 Span: 528MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.53GHz
 Span: 240MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



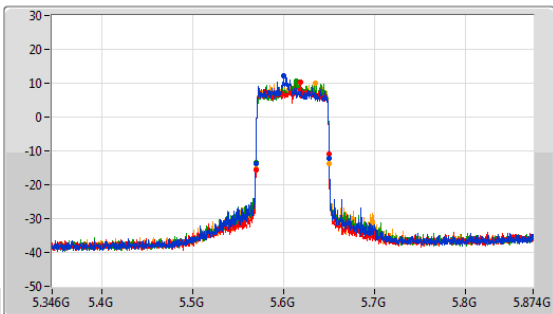
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.52M	5.489608G	5.570128G	77.481M	5.4909G	5.568381G	Inf	1
105.864M	5.48644G	5.592304G	77.241M	5.491379G	5.568621G	Inf	2
87.912M	5.489608G	5.57752G	77.601M	5.491379G	5.568981G	Inf	3
92.664M	5.489344G	5.582008G	77.601M	5.491259G	5.568861G	Inf	4

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

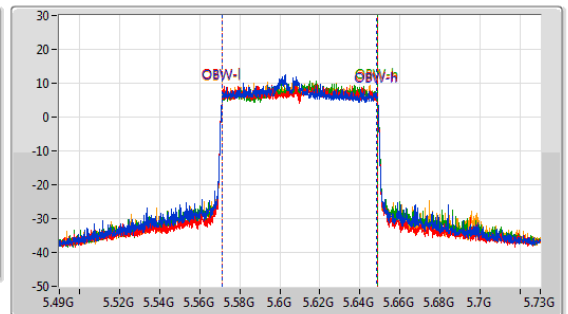
EBW

5610MHz

CF: 5.61GHz
 Span: 528MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



CF: 5.61GHz
 Span: 240MHz
 RBW: 1MHz
 VBW: 3MHz
 Sweep Time: 100ms
 Detector Type: Peak



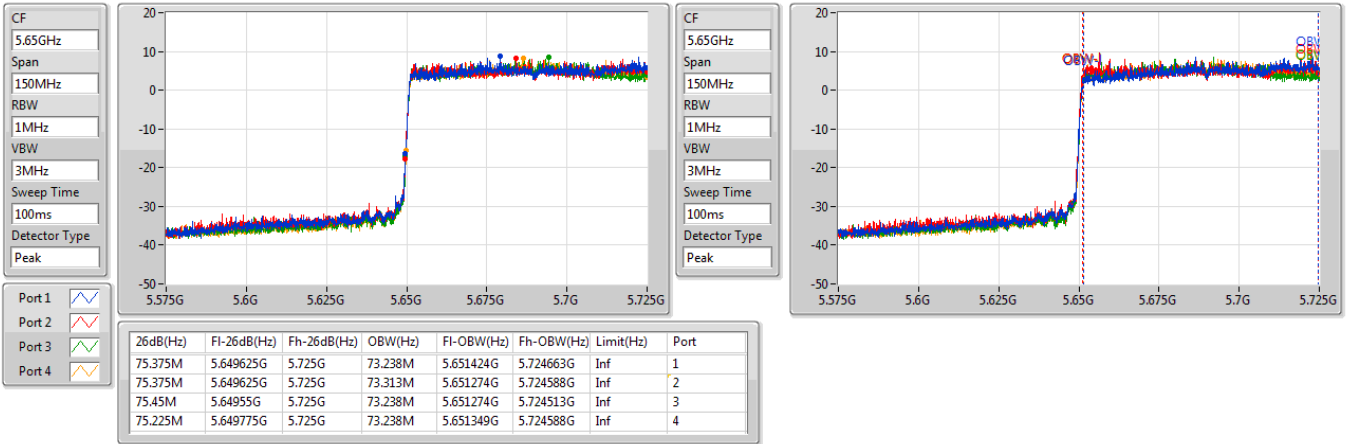
26dB(Hz)	Fl-26dB(Hz)	Fh-26dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
80.52M	5.569608G	5.650128G	77.121M	5.571379G	5.648501G	Inf	1
80.52M	5.569608G	5.650128G	77.361M	5.571259G	5.648621G	Inf	2
80.52M	5.569608G	5.650128G	77.241M	5.571379G	5.648621G	Inf	3
80.52M	5.569608G	5.650128G	77.241M	5.571379G	5.648621G	Inf	4



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

EBW

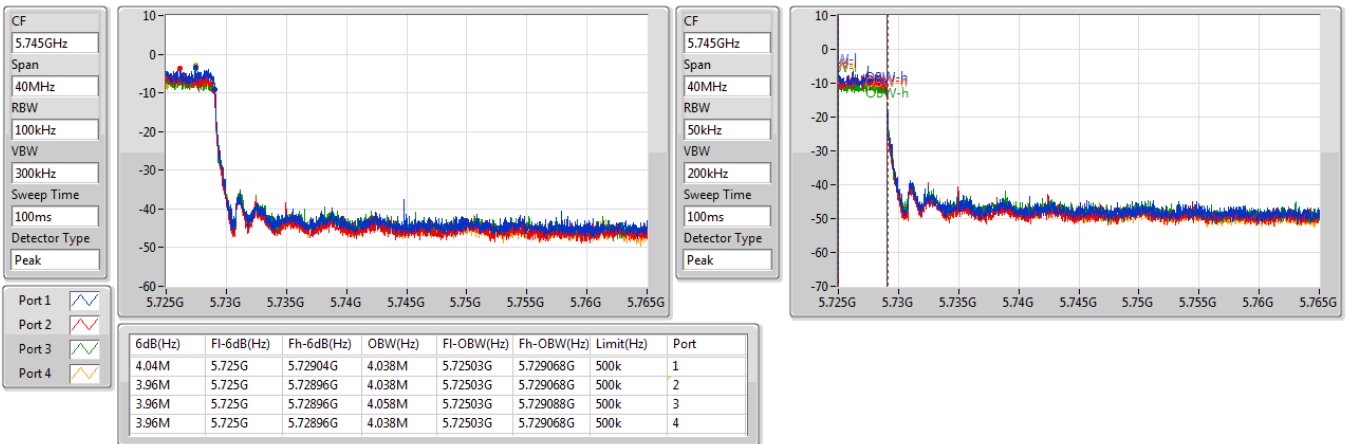
5690MHz Straddle 5.47-5.725GHz

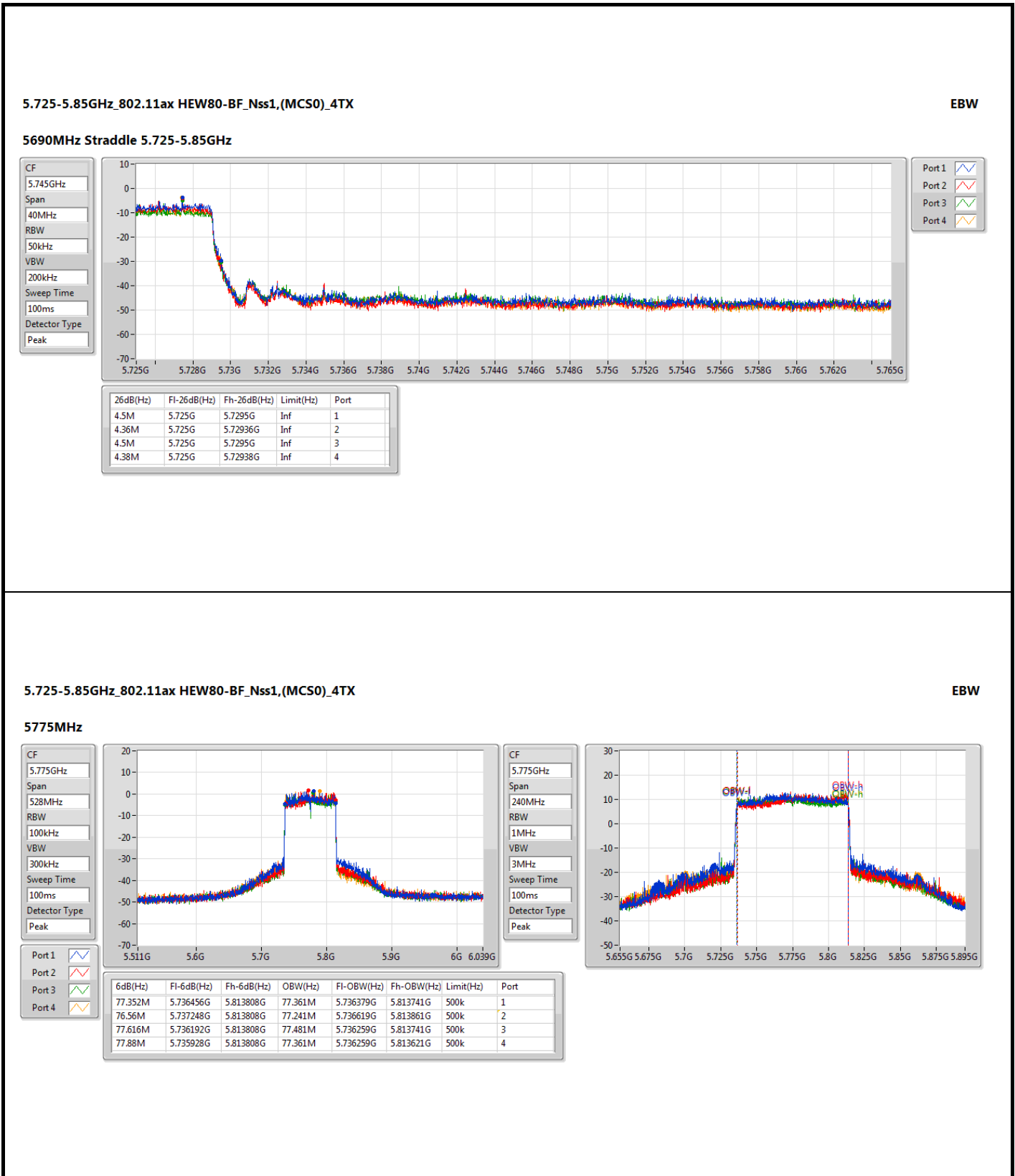


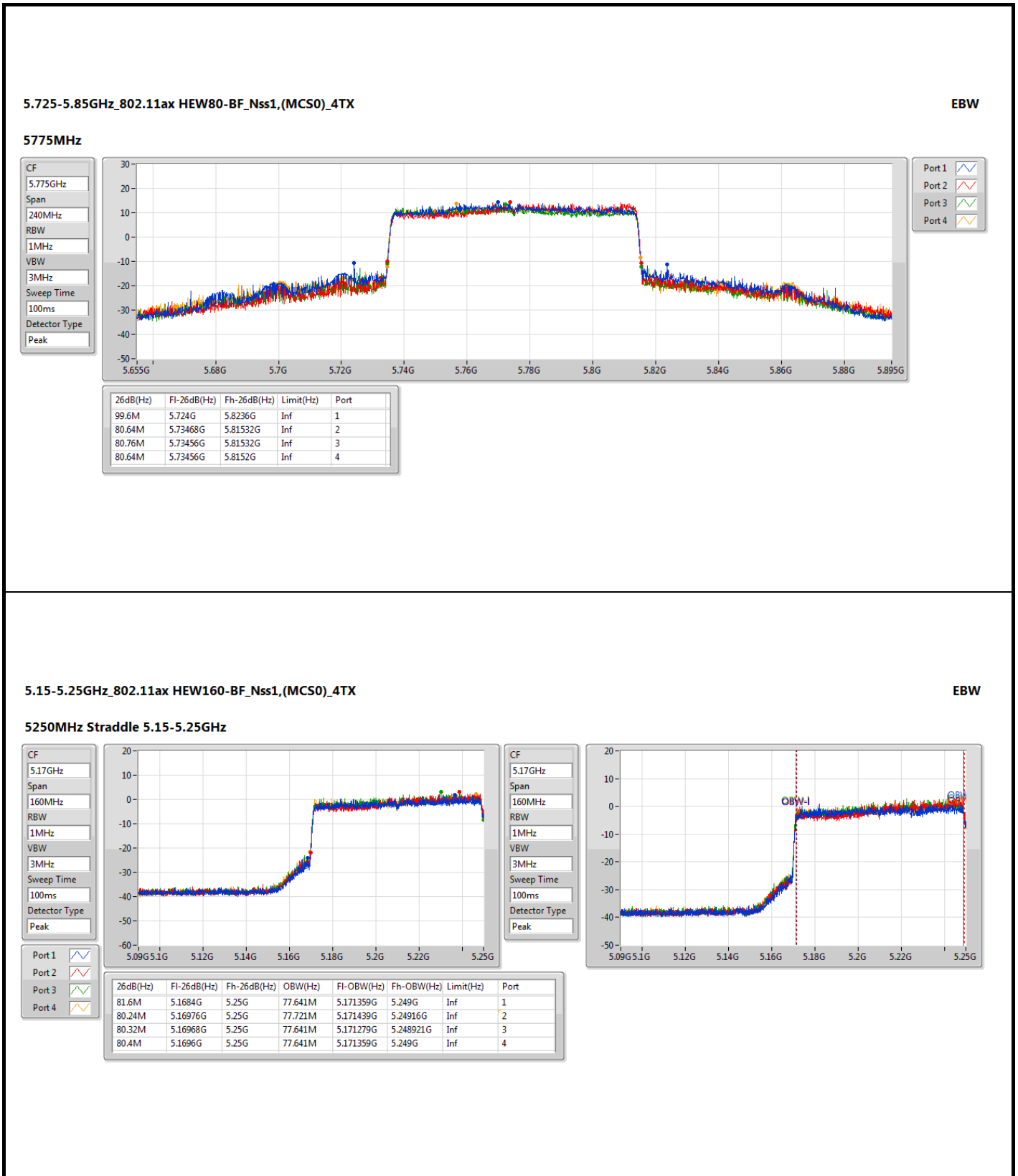
5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_4TX

EBW

5690MHz Straddle 5.725-5.85GHz





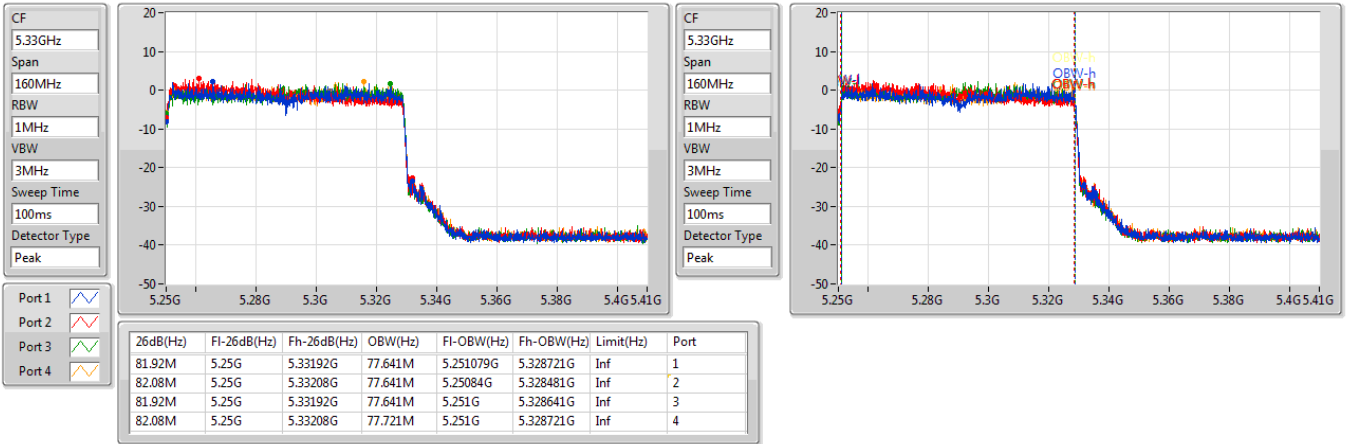




5.25-5.35GHz_802.11ax HEW160-BF_Nss1,(MCS0)_4TX

EBW

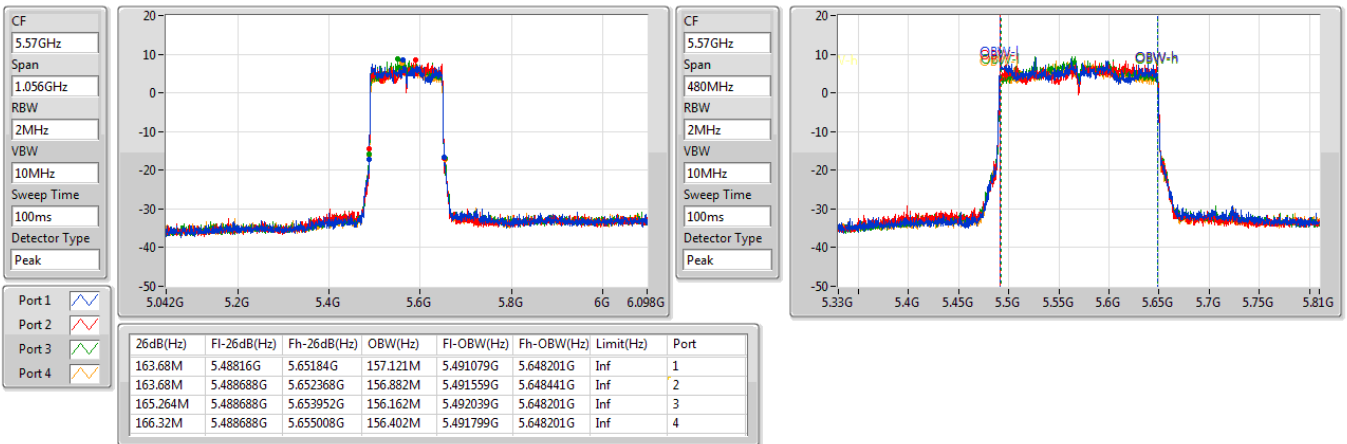
5250MHz Straddle 5.25-5.35GHz



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	26.50	0.44668	29.70	0.93325
802.11ax HEW20_Nss1,(MCS0)_4TX	27.19	0.52360	30.39	1.09396
802.11ax HEW40_Nss1,(MCS0)_4TX	25.30	0.33884	28.50	0.70795
802.11ax HEW80_Nss1,(MCS0)_4TX	16.63	0.04603	19.83	0.09616
802.11ax HEW160_Nss1,(MCS0)_4TX	14.26	0.02667	17.46	0.05572
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.48	0.11169	23.68	0.23335
802.11ax HEW20_Nss1,(MCS0)_4TX	21.37	0.13709	24.57	0.28642
802.11ax HEW40_Nss1,(MCS0)_4TX	22.77	0.18923	25.97	0.39537
802.11ax HEW80_Nss1,(MCS0)_4TX	18.87	0.07709	22.07	0.16106
802.11ax HEW160_Nss1,(MCS0)_4TX	14.42	0.02767	17.62	0.05781
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	20.54	0.11324	23.54	0.22594
802.11ax HEW20_Nss1,(MCS0)_4TX	21.60	0.14454	24.60	0.28840
802.11ax HEW40_Nss1,(MCS0)_4TX	23.12	0.20512	26.12	0.40926
802.11ax HEW80_Nss1,(MCS0)_4TX	23.62	0.23014	26.62	0.45920
802.11ax HEW160_Nss1,(MCS0)_4TX	19.59	0.09099	22.59	0.18155
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_4TX	29.54	0.89950	32.64	1.83654
802.11ax HEW20_Nss1,(MCS0)_4TX	29.38	0.86696	32.48	1.77011
802.11ax HEW40_Nss1,(MCS0)_4TX	27.70	0.58884	30.80	1.20226
802.11ax HEW80_Nss1,(MCS0)_4TX	24.42	0.27669	27.52	0.56494



Conducted Output Power(Average)

Appendix B.1

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.20	19.78	19.72	19.14	19.83	25.65	30.00	28.85	36.00
5200MHz	Pass	3.20	20.51	20.39	19.62	20.2	26.21	30.00	29.41	36.00
5240MHz	Pass	3.20	20.62	20.55	20.17	20.56	26.50	30.00	29.70	36.00
5260MHz	Pass	3.20	13.64	14.86	14.31	14.44	20.35	24.00	23.55	30.00
5300MHz	Pass	3.20	13.93	14.74	14.51	14.63	20.48	24.00	23.68	30.00
5320MHz	Pass	3.20	13.51	14.19	14.12	14.22	20.04	24.00	23.24	30.00
5500MHz	Pass	3.00	14.17	14.63	14.66	14.58	20.54	24.00	23.54	30.00
5580MHz	Pass	3.00	13.89	14.42	14.51	14.61	20.39	24.00	23.39	30.00
5700MHz	Pass	3.00	14.15	14.23	14.52	14.62	20.40	24.00	23.40	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	13.69	13.88	14.16	14.27	20.03	22.94	23.03	28.94
5720MHz Straddle 5.725-5.85GHz	Pass	3.10	7.78	7.88	8.73	8.24	14.19	30.00	17.29	36.00
5745MHz	Pass	3.10	23.05	23.02	23.05	23.12	29.08	30.00	32.18	36.00
5785MHz	Pass	3.10	23.45	23.48	23.62	23.52	29.54	30.00	32.64	36.00
5825MHz	Pass	3.10	23.03	22.79	23.05	22.84	28.95	30.00	32.05	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	3.20	18.85	18.72	18.12	19.03	24.71	30.00	27.91	36.00
5200MHz	Pass	3.20	20.81	20.75	19.86	20.82	26.60	30.00	29.80	36.00
5240MHz	Pass	3.20	21.36	21.23	20.89	21.19	27.19	30.00	30.39	36.00
5260MHz	Pass	3.20	15.05	15.66	15.33	15.32	21.37	24.00	24.57	30.00
5300MHz	Pass	3.20	14.62	14.84	14.76	14.92	20.81	24.00	24.01	30.00
5320MHz	Pass	3.20	14.72	15.52	15.06	15.11	21.13	24.00	24.33	30.00
5500MHz	Pass	3.00	15.39	15.65	15.65	15.61	21.60	24.00	24.60	30.00
5580MHz	Pass	3.00	14.65	15.21	15.25	15.37	21.15	24.00	24.15	30.00
5700MHz	Pass	3.00	15.21	15.35	15.65	15.71	21.51	24.00	24.51	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	14.34	14.29	14.63	14.64	20.50	23.08	23.50	29.08
5720MHz Straddle 5.725-5.85GHz	Pass	3.10	9.32	9.28	9.55	9.61	15.46	30.00	18.56	36.00
5745MHz	Pass	3.10	22.54	22.1	22.56	22.8	28.53	30.00	31.63	36.00
5785MHz	Pass	3.10	23.45	23.15	23.52	23.32	29.38	30.00	32.48	36.00
5825MHz	Pass	3.10	22.41	22.43	22.53	22.58	28.51	30.00	31.61	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	3.20	15.52	15.54	14.95	15.72	21.46	30.00	24.66	36.00
5230MHz	Pass	3.20	19.51	19.36	19.02	19.22	25.30	30.00	28.50	36.00
5270MHz	Pass	3.20	16.15	17.03	16.72	16.67	22.67	24.00	25.87	30.00
5310MHz	Pass	3.20	16.71	16.79	16.7	16.81	22.77	24.00	25.97	30.00
5510MHz	Pass	3.00	16.63	16.7	16.79	16.78	22.75	24.00	25.75	30.00
5590MHz	Pass	3.00	16.61	16.85	17.05	16.99	22.90	24.00	25.90	30.00

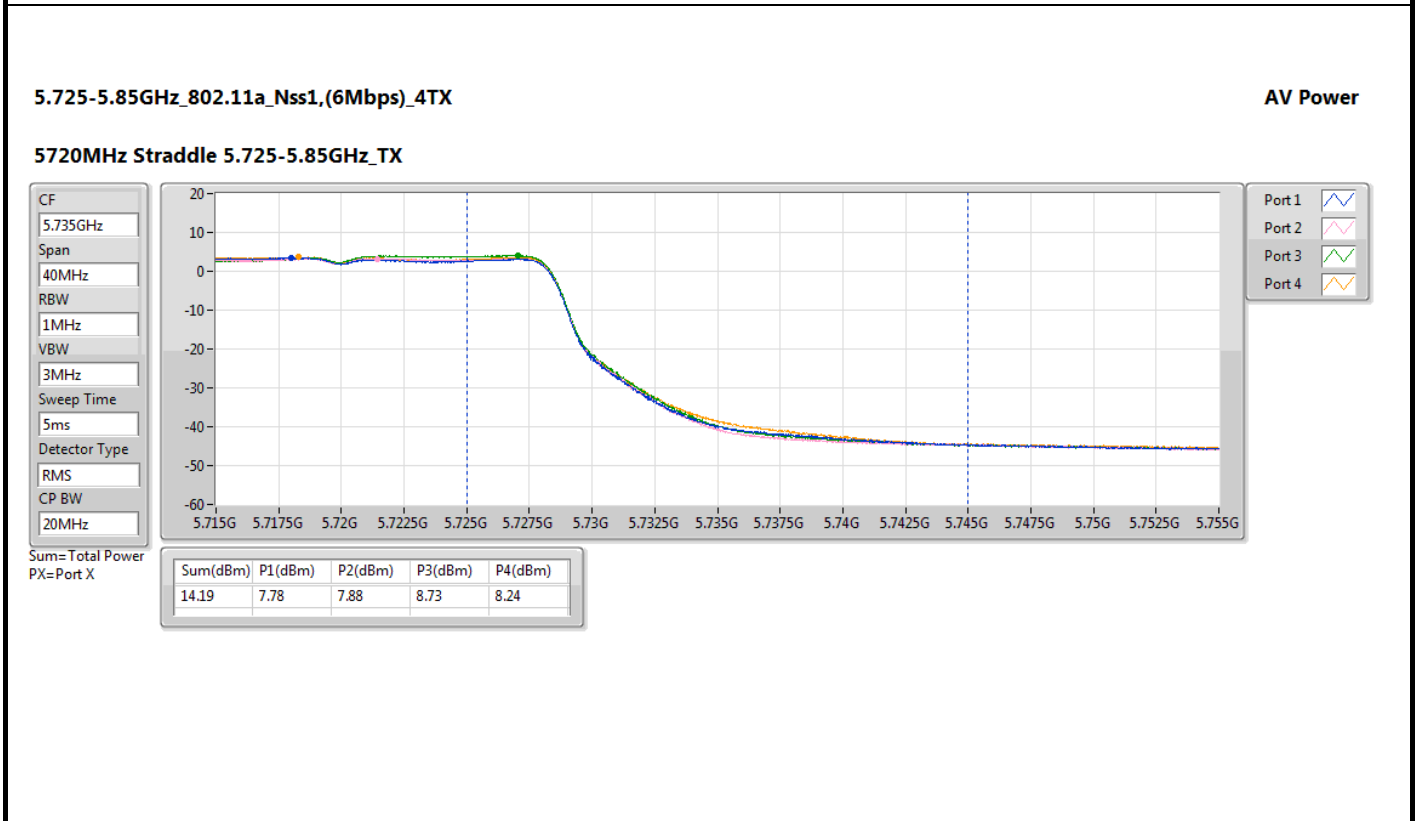
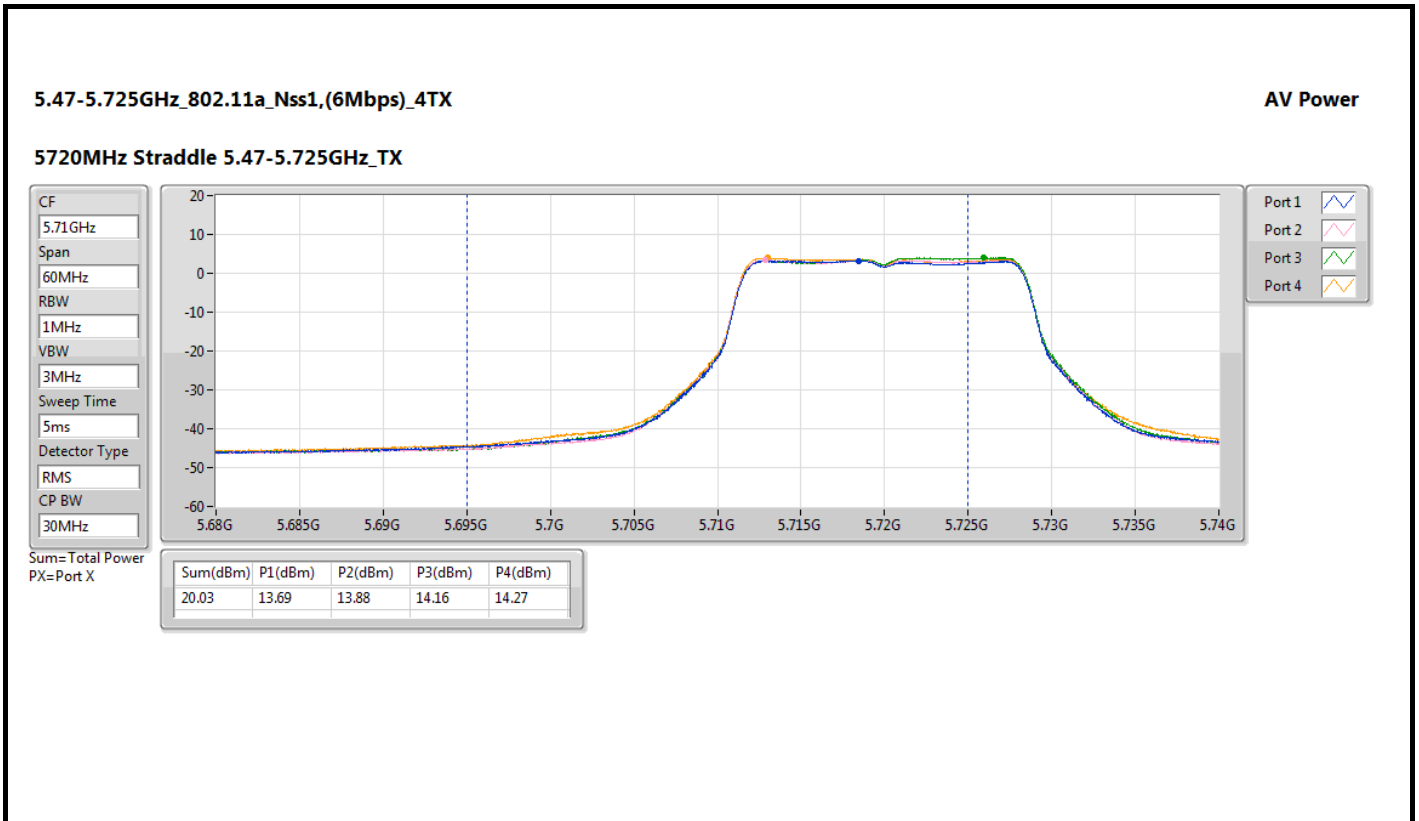


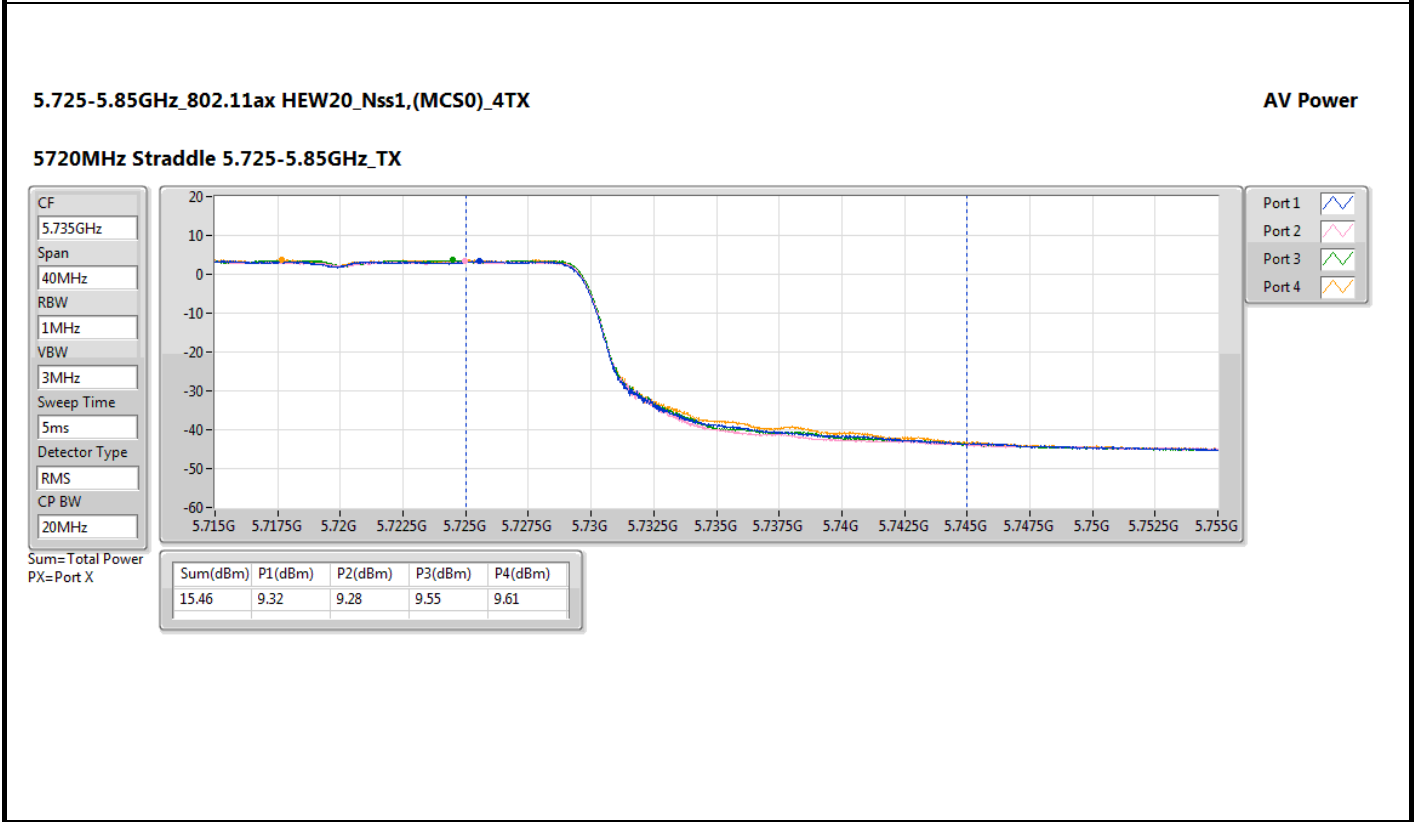
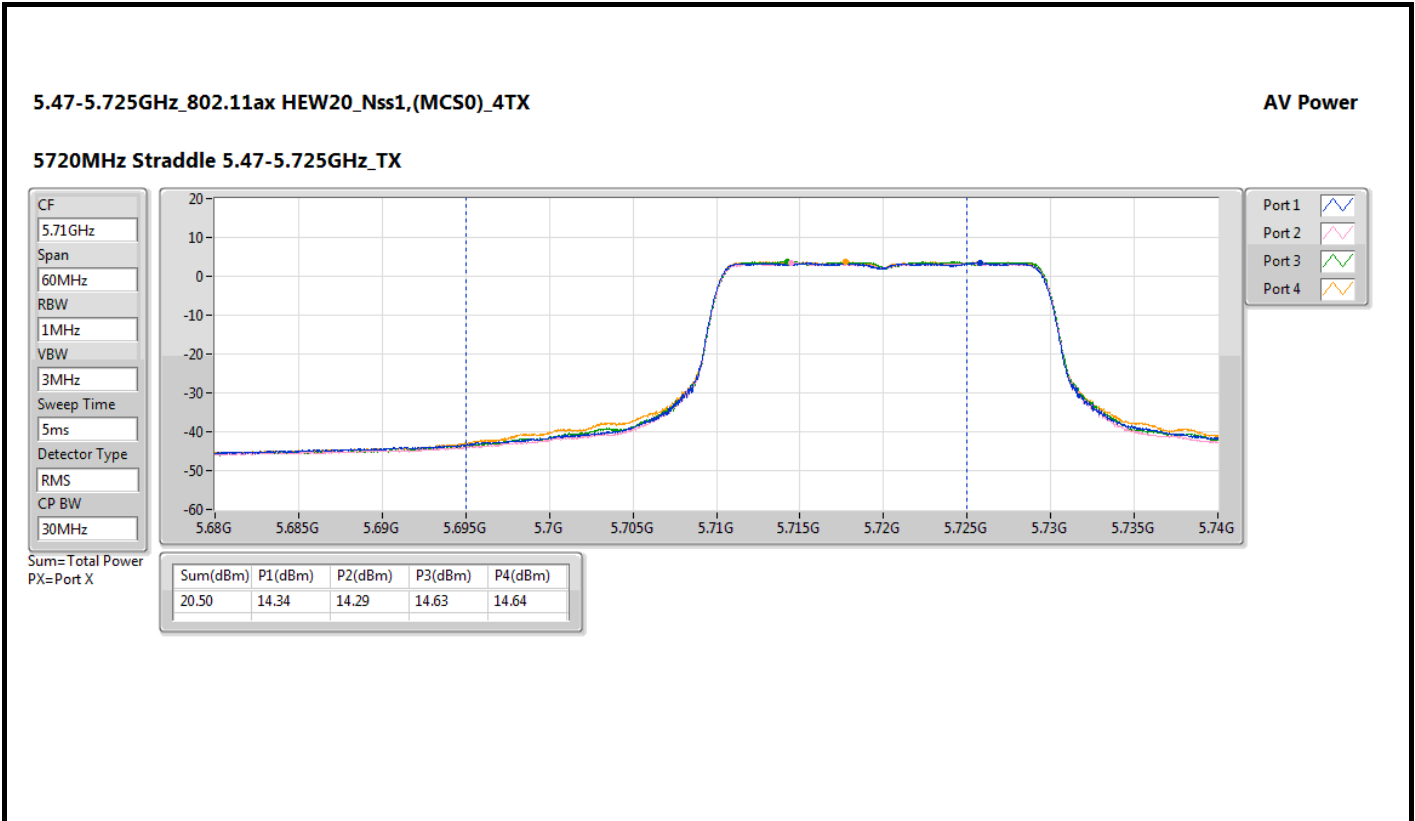
Conducted Output Power(Average)

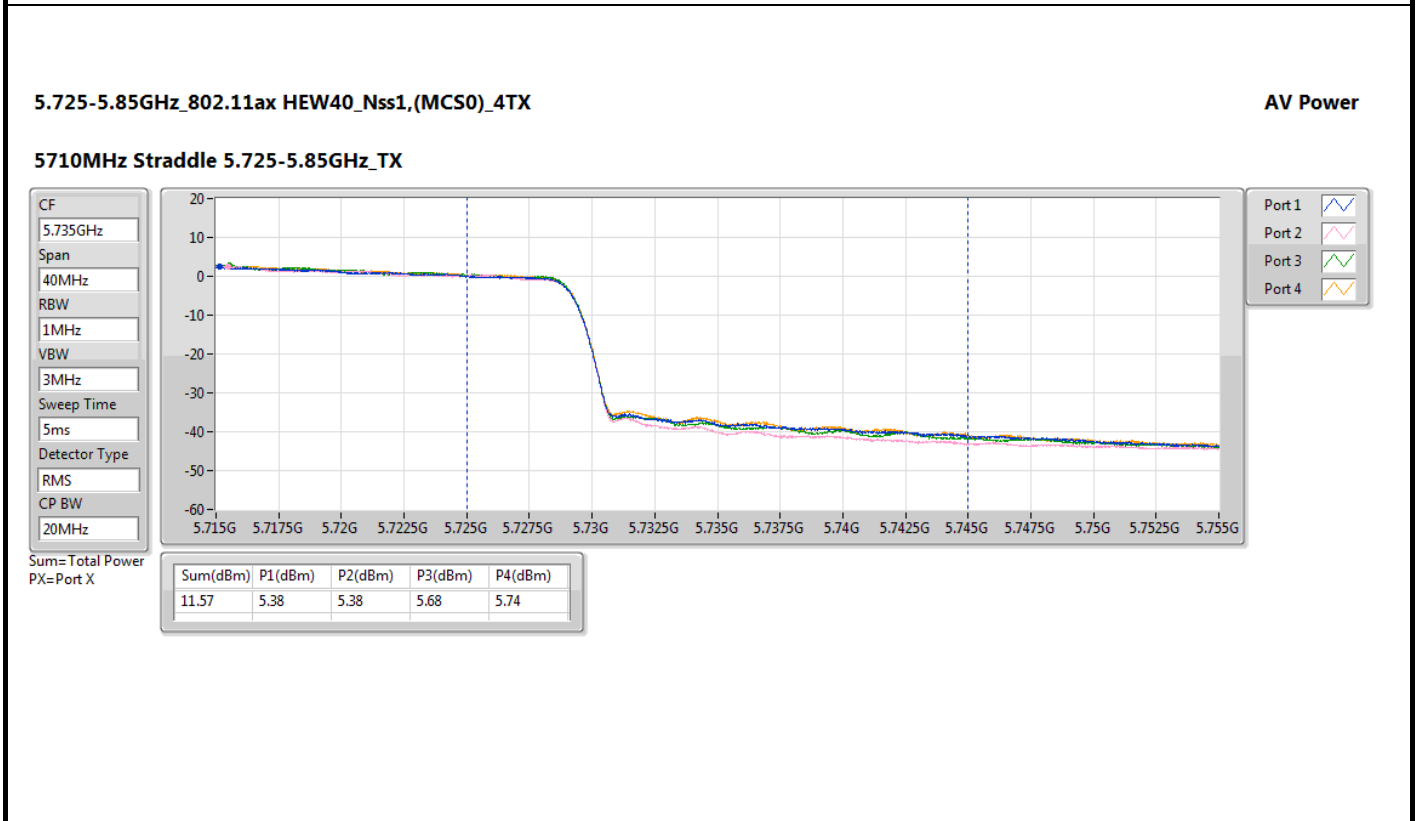
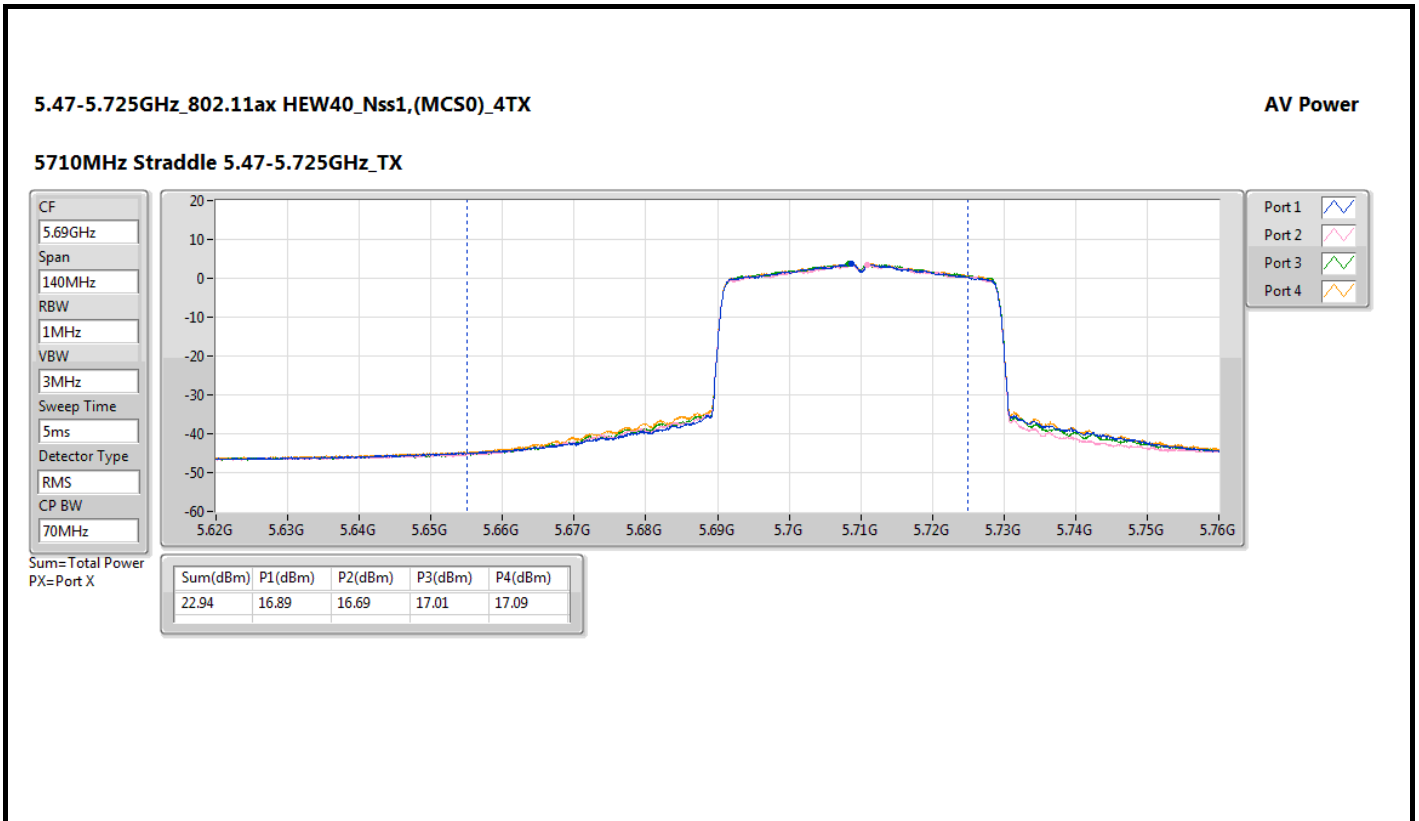
Appendix B.1

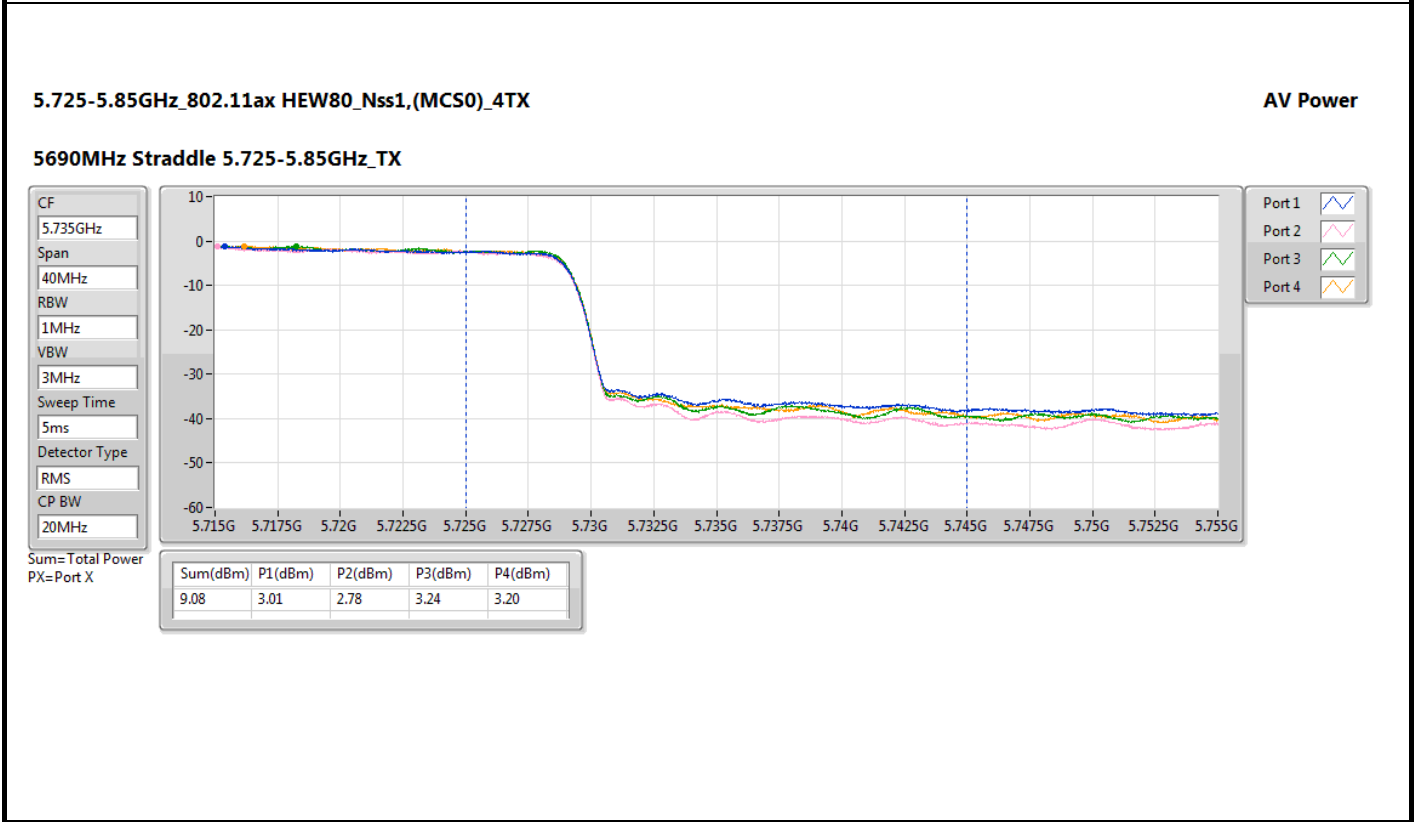
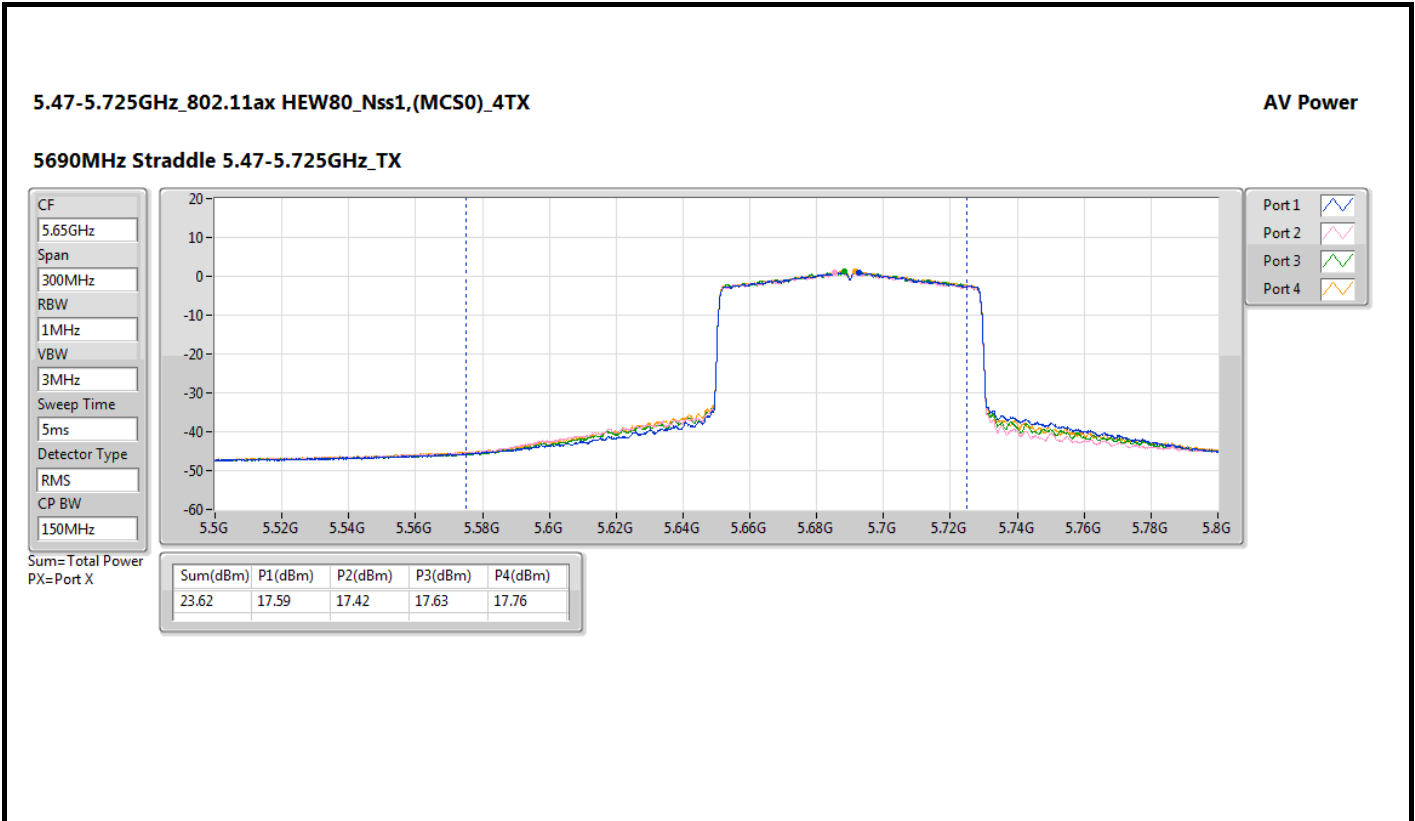
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
5670MHz	Pass	3.00	17.01	16.99	17.16	17.24	23.12	24.00	26.12	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	16.89	16.69	17.01	17.09	22.94	24.00	25.94	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.10	5.38	5.38	5.68	5.74	11.57	30.00	14.67	36.00
5755MHz	Pass	3.10	21.18	21.03	21.07	21.37	27.19	30.00	30.29	36.00
5795MHz	Pass	3.10	21.86	21.42	21.65	21.79	27.70	30.00	30.80	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	3.20	10.73	10.82	10.02	10.82	16.63	30.00	19.83	36.00
5290MHz	Pass	3.20	12.63	13.25	12.77	12.71	18.87	24.00	22.07	30.00
5530MHz	Pass	3.00	15.03	15.21	15.35	15.21	21.22	24.00	24.22	30.00
5610MHz	Pass	3.00	17.42	17.45	17.76	17.56	23.57	24.00	26.57	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	17.59	17.42	17.63	17.76	23.62	24.00	26.62	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.10	3.01	2.78	3.24	3.2	9.08	30.00	12.18	36.00
5775MHz	Pass	3.10	18.49	18.21	18.23	18.65	24.42	30.00	27.52	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.20	8.37	8.31	7.95	8.33	14.26	30.00	17.46	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.20	7.98	8.85	8.22	8.49	14.42	24.00	17.62	30.00
5570MHz	Pass	3.00	13.47	13.56	13.71	13.52	19.59	24.00	22.59	30.00

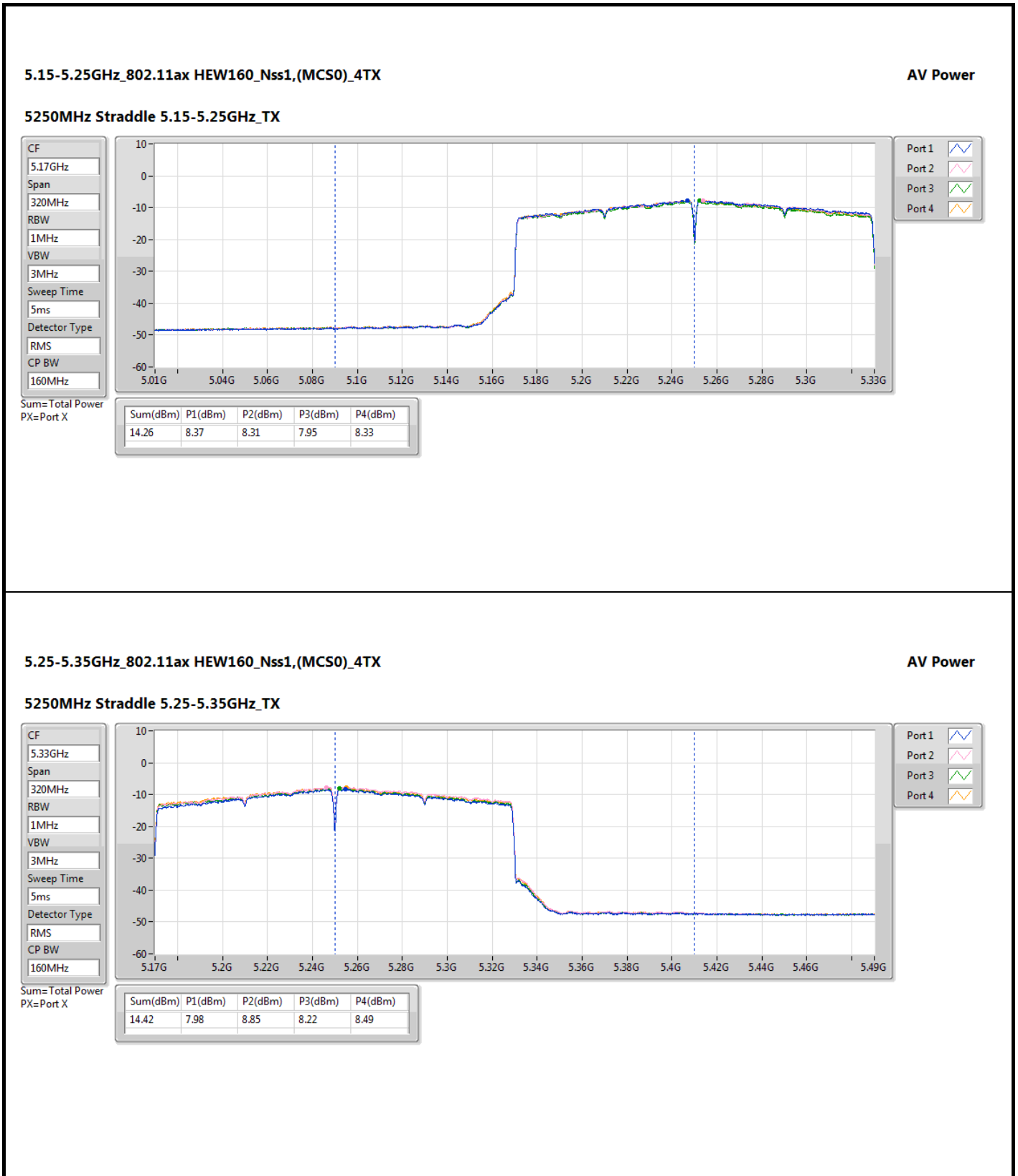
DG = Directional Gain; Port X = Port X output power













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	26.89	0.48865	35.89	3.88150
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	25.01	0.31696	34.01	2.51768
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	16.62	0.04592	25.62	0.36475
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	14.23	0.02649	23.23	0.21038
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.76	0.11912	29.76	0.94624
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.95	0.12445	29.95	0.98855
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	18.82	0.07621	27.82	0.60534
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	14.41	0.02761	23.41	0.21928
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.95	0.12445	29.77	0.94842
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	21.07	0.12794	29.89	0.97499
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	21.03	0.12677	29.85	0.96605
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	19.28	0.08472	28.10	0.64565
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	27.02	0.50350	35.82	3.81944
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	27.04	0.50582	35.84	3.83707
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	24.16	0.26062	32.96	1.97697



Conducted Output Power(Average)

Appendix B.2

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	9.00	18.71	18.56	17.92	18.55	24.47	27.00	33.47	36.00
5200MHz	Pass	9.00	20.51	20.26	19.53	20.11	26.14	27.00	35.14	36.00
5240MHz	Pass	9.00	20.92	21.07	20.65	20.84	26.89	27.00	35.89	36.00
5260MHz	Pass	9.00	14.61	15.03	14.68	14.61	20.76	21.00	29.76	30.00
5300MHz	Pass	9.00	14.35	14.91	14.58	14.61	20.64	21.00	29.64	30.00
5320MHz	Pass	9.00	14.43	15.05	14.68	14.62	20.72	21.00	29.72	30.00
5500MHz	Pass	8.82	14.61	14.73	14.45	15.08	20.74	21.18	29.56	30.00
5580MHz	Pass	8.82	14.68	15.15	14.35	15.24	20.89	21.18	29.71	30.00
5700MHz	Pass	8.82	14.78	14.94	14.55	15.41	20.95	21.18	29.77	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.82	13.87	13.66	13.09	13.76	19.63	20.14	28.45	28.96
5720MHz Straddle 5.725-5.85GHz	Pass	8.80	8.09	6.42	7.76	8.03	13.65	27.20	22.45	36.00
5745MHz	Pass	8.80	20.84	20.96	21.03	21.07	27.00	27.20	35.80	36.00
5785MHz	Pass	8.80	20.73	21.08	20.98	21.19	27.02	27.20	35.82	36.00
5825MHz	Pass	8.80	20.7	20.77	20.54	20.82	26.73	27.20	35.53	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.00	15.15	15.2	14.65	14.92	21.01	27.00	30.01	36.00
5230MHz	Pass	9.00	19.37	19.17	18.75	18.61	25.01	27.00	34.01	36.00
5270MHz	Pass	9.00	14.41	15.55	15.03	14.66	20.95	21.00	29.95	30.00
5310MHz	Pass	9.00	14.21	15.19	15.11	14.96	20.90	21.00	29.90	30.00
5510MHz	Pass	8.82	15.01	15.05	15.02	15.13	21.07	21.18	29.89	30.00
5590MHz	Pass	8.82	14.79	14.95	14.78	14.95	20.89	21.18	29.71	30.00
5670MHz	Pass	8.82	14.83	14.82	14.88	14.46	20.77	21.18	29.59	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.82	15.05	14.95	14.88	14.88	20.96	21.18	29.78	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.80	5.33	6.19	4.82	5.15	11.42	27.20	20.22	36.00
5755MHz	Pass	8.80	20.81	20.86	20.28	20.92	26.75	27.20	35.55	36.00
5795MHz	Pass	8.80	21.53	21.09	20.42	20.95	27.04	27.20	35.84	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.00	10.7	10.73	10.1	10.84	16.62	27.00	25.62	36.00
5290MHz	Pass	9.00	12.4	12.97	12.84	12.97	18.82	21.00	27.82	30.00
5530MHz	Pass	8.82	15.06	15.01	14.77	15.18	21.03	21.18	29.85	30.00
5610MHz	Pass	8.82	14.78	15.07	14.95	15.1	21.00	21.18	29.82	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.82	14.97	14.95	14.63	14.91	20.89	21.18	29.71	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.80	2.36	2.86	1.75	2.62	8.44	27.20	17.24	36.00
5775MHz	Pass	8.80	18.48	17.61	18.07	18.33	24.16	27.20	32.96	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	9.00	7.89	8.21	8.51	8.2	14.23	27.00	23.23	36.00
5250MHz Straddle 5.25-5.35GHz	Pass	9.00	8.18	8.8	8.34	8.22	14.41	21.00	23.41	30.00
5570MHz	Pass	8.82	13.26	13.57	13.26	12.91	19.28	21.18	28.10	30.00

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

Remarks:

For 5180~5240MHz:

Directional gain = $10 \times \log((10^{3/20} + 10^{2.9/20} + 10^{3.2/20} + 10^{2.8/20})^2/4) = 9.00 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to $30 \text{ dBm} - (9.00\text{dBi} - 6\text{dBi}) = 27.0 \text{ dBm}$

For 5260~5320MHz:

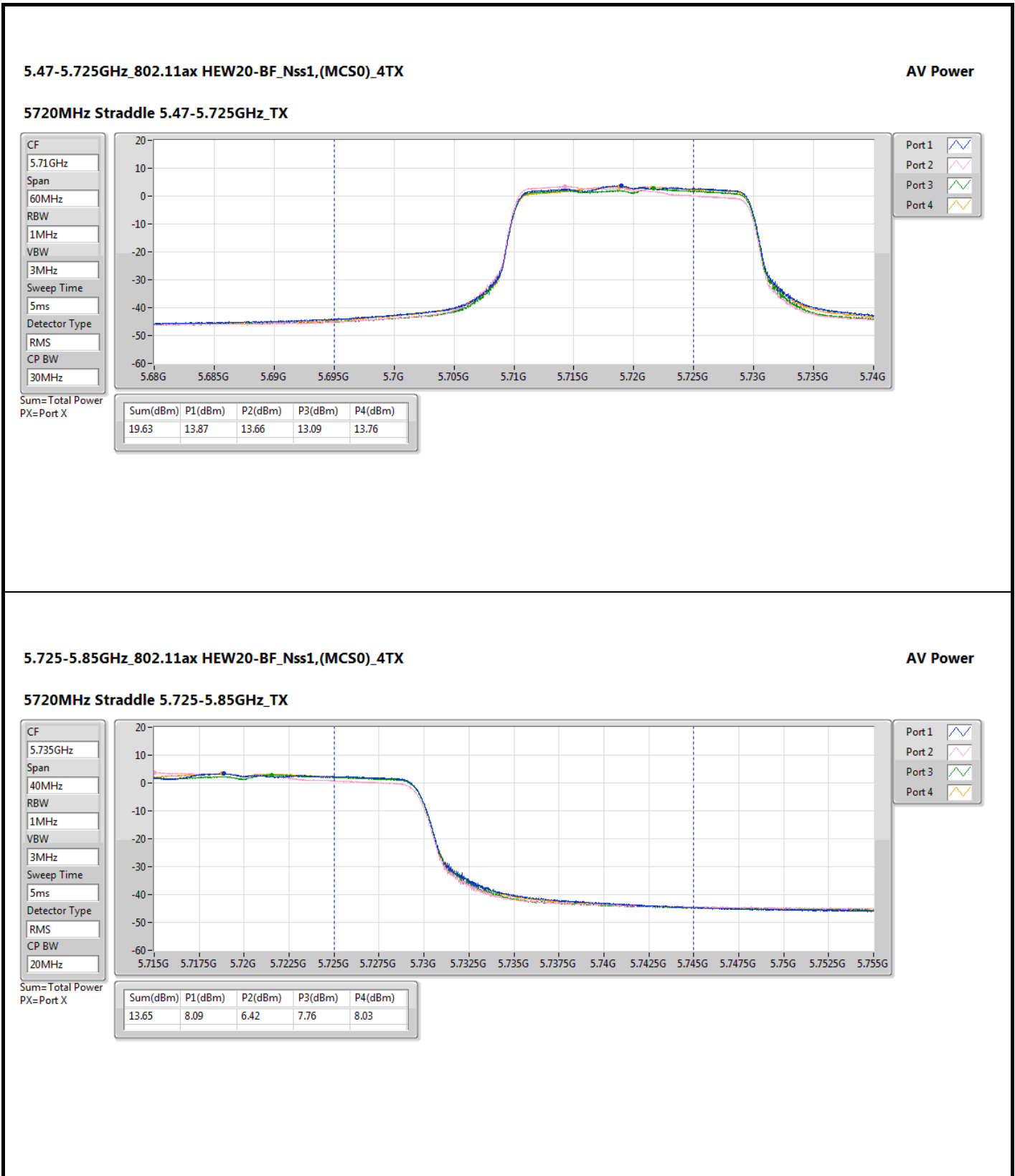
Directional gain = $10 \times \log((10^{3/20} + 10^{2.9/20} + 10^{3.2/20} + 10^{2.8/20})^2/4) = 9.00 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to $24 \text{ dBm} - (9.00\text{dBi} - 6\text{dBi}) = 21.0 \text{ dBm}$

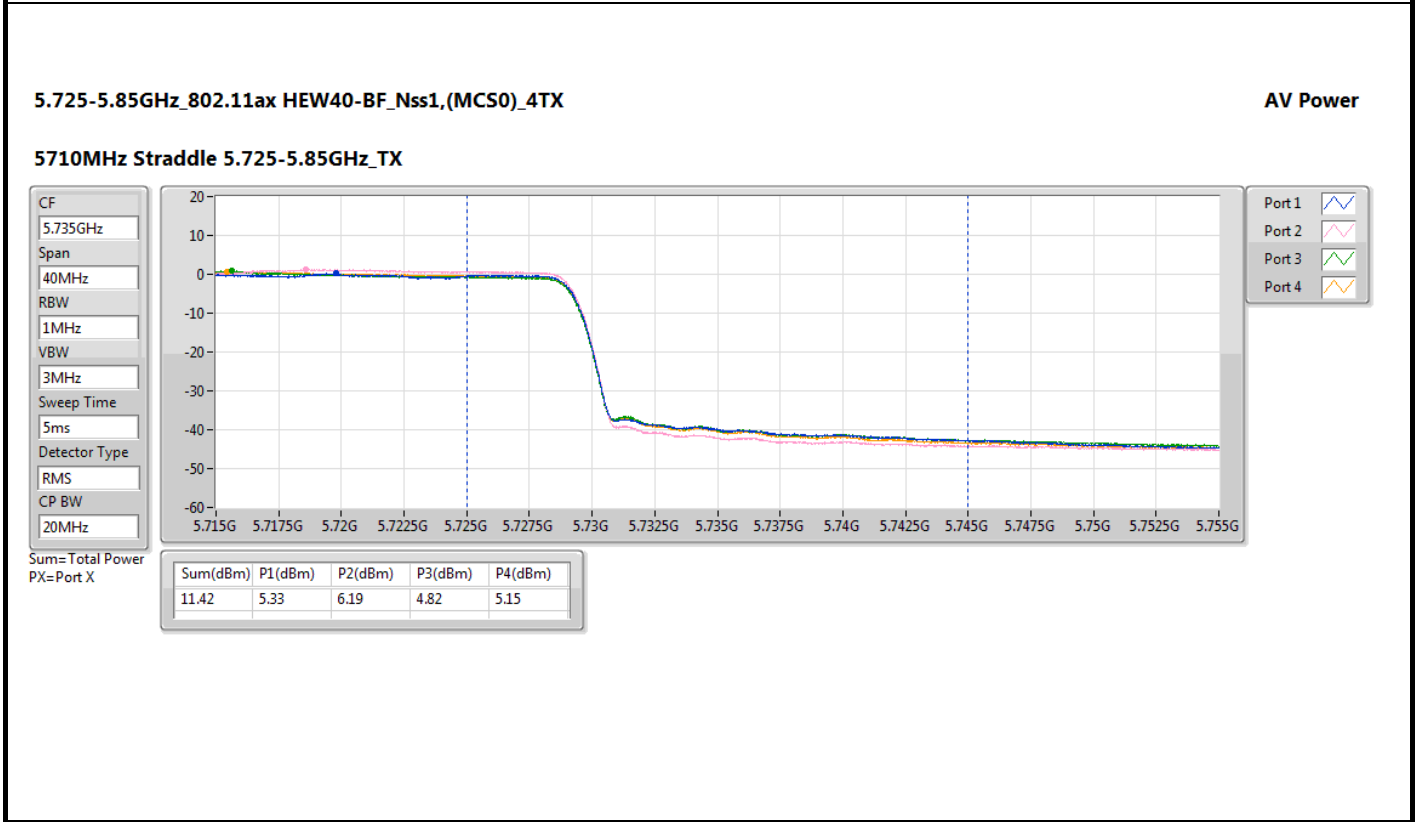
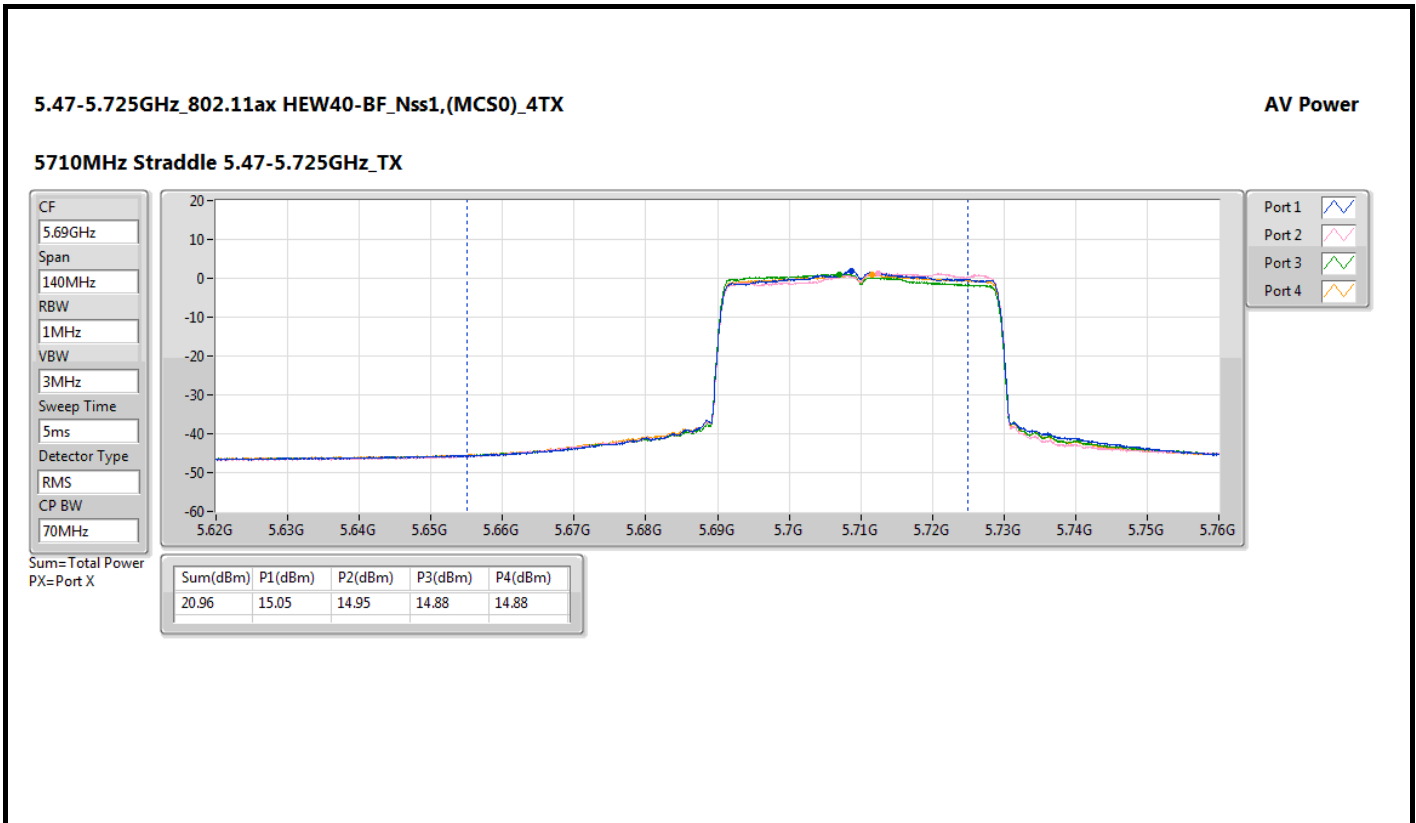
For 5500~5700MHz:

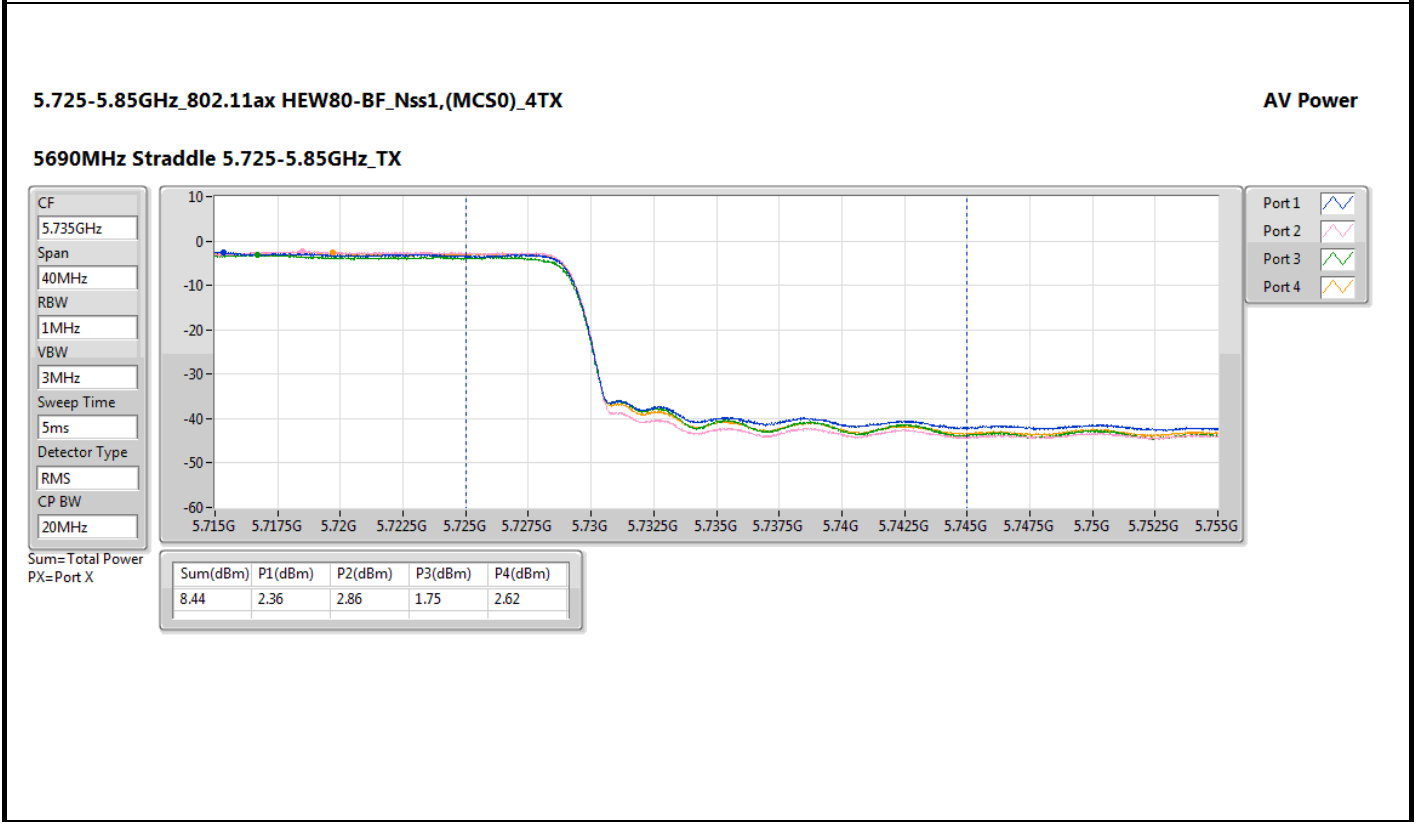
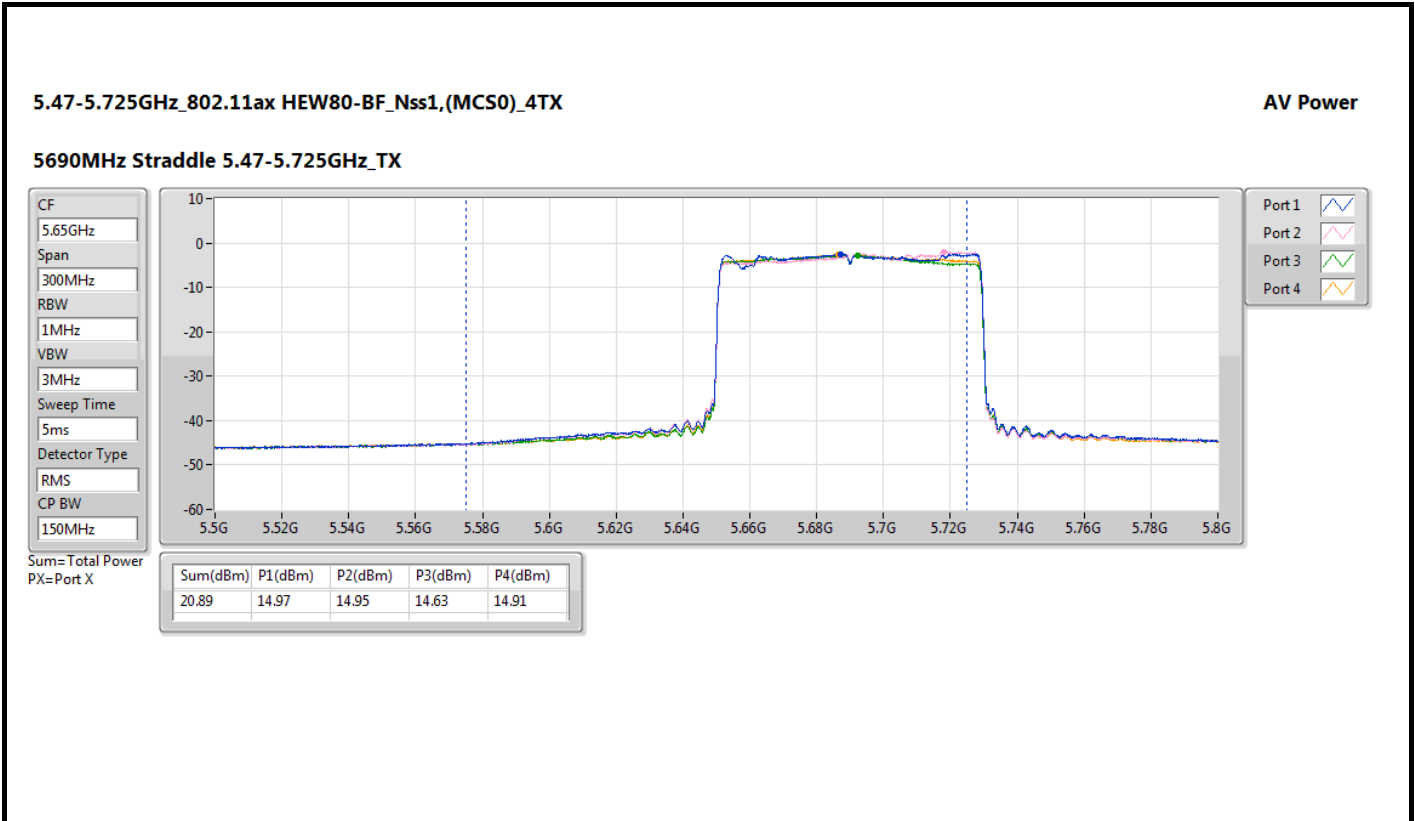
Directional gain = $10 \times \log((10^{2.6/20} + 10^{2.6/20} + 10^{3/20} + 10^{3/20})^2/4) = 8.82 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to $24 \text{ dBm} - (8.82\text{dBi} - 6\text{dBi}) = 21.18 \text{ dBm}$

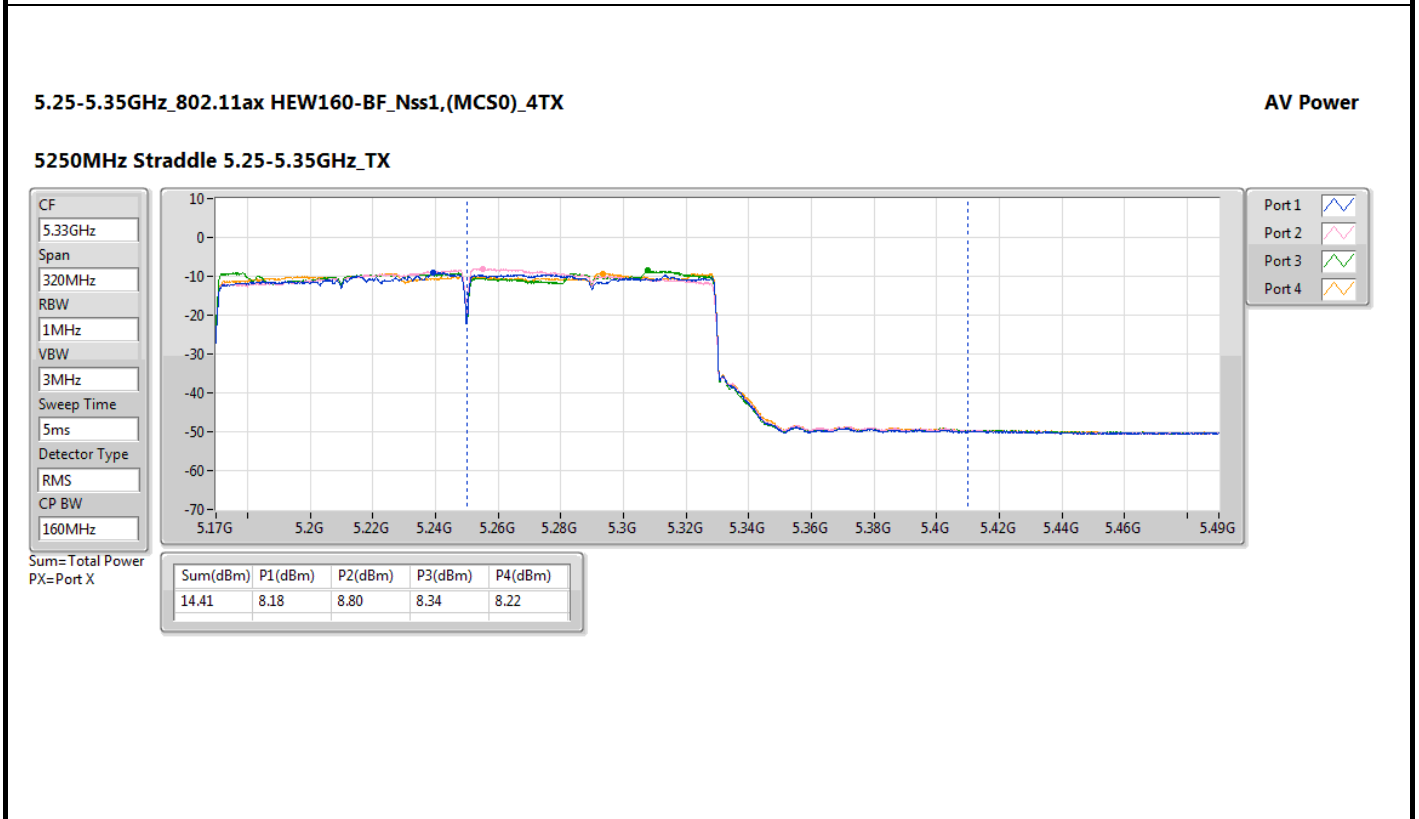
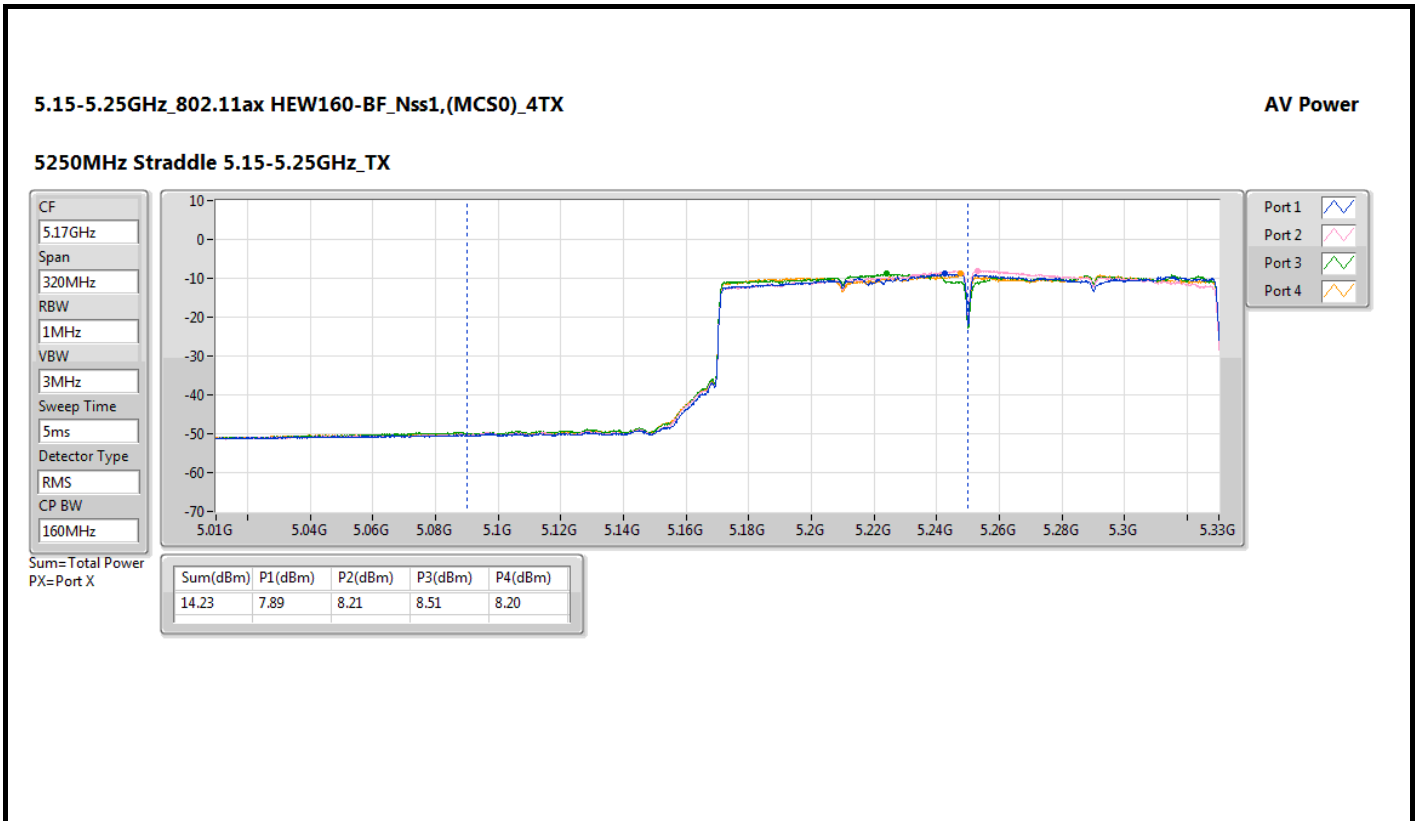
For 5745~5825MHz:

Directional gain = $10 \times \log((10^{2.4/20} + 10^{3.1/20} + 10^{2.9/20} + 10^{2.7/20})^2/4) = 8.8 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to $30 \text{ dBm} - (8.8\text{dBi} - 6\text{dBi}) = 27.2 \text{ dBm}$











Non-beamforming mode

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	13.67	22.67
802.11ax HEW20_Nss1,(MCS0)_4TX	13.88	22.88
802.11ax HEW40_Nss1,(MCS0)_4TX	10.15	19.15
802.11ax HEW80_Nss1,(MCS0)_4TX	-1.47	7.53
802.11ax HEW160_Nss1,(MCS0)_4TX	-3.41	5.59
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	7.82	16.82
802.11ax HEW20_Nss1,(MCS0)_4TX	7.70	16.70
802.11ax HEW40_Nss1,(MCS0)_4TX	7.83	16.83
802.11ax HEW80_Nss1,(MCS0)_4TX	0.54	9.54
802.11ax HEW160_Nss1,(MCS0)_4TX	-3.27	5.73
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	8.05	16.87
802.11ax HEW20_Nss1,(MCS0)_4TX	8.06	16.88
802.11ax HEW40_Nss1,(MCS0)_4TX	8.03	16.85
802.11ax HEW80_Nss1,(MCS0)_4TX	5.55	14.37
802.11ax HEW160_Nss1,(MCS0)_4TX	-1.15	7.67
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	15.82	24.62
802.11ax HEW20_Nss1,(MCS0)_4TX	14.48	23.28
802.11ax HEW40_Nss1,(MCS0)_4TX	10.83	19.63
802.11ax HEW80_Nss1,(MCS0)_4TX	4.75	13.55

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



Result

Mode	Result	DG	Port 1	Port 2	Port 3	Port 4	PD	PD Limit	EIRP PD	EIRP PD Limit
		(dBi)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.00	7.19	7.16	6.80	7.47	12.95	14.00	21.95	23.00
5200MHz	Pass	9.00	8.11	7.97	7.45	8.02	13.56	14.00	22.56	23.00
5240MHz	Pass	9.00	7.70	8.25	7.80	8.03	13.67	14.00	22.67	23.00
5260MHz	Pass	9.00	1.69	2.31	1.99	1.91	7.70	8.00	16.70	17.00
5300MHz	Pass	9.00	1.87	2.21	2.15	2.39	7.82	8.00	16.82	17.00
5320MHz	Pass	9.00	1.34	1.84	1.69	1.70	7.39	8.00	16.39	17.00
5500MHz	Pass	8.82	2.01	2.39	2.24	2.19	7.87	8.18	16.69	17.00
5580MHz	Pass	8.82	1.71	2.20	2.20	2.18	7.80	8.18	16.62	17.00
5700MHz	Pass	8.82	2.10	2.02	2.41	2.22	7.90	8.18	16.72	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.82	2.06	1.99	2.54	2.58	8.05	8.18	16.87	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.80	0.30	0.30	1.15	0.80	6.60	27.20	15.40	36.00
5745MHz	Pass	8.80	9.01	8.83	9.06	9.07	14.77	27.20	23.57	36.00
5785MHz	Pass	8.80	10.36	9.74	10.22	9.78	15.82	27.20	24.62	36.00
5825MHz	Pass	8.80	8.73	8.86	9.09	8.39	14.58	27.20	23.38	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5180MHz	Pass	9.00	5.98	5.95	5.21	5.88	11.49	14.00	20.49	23.00
5200MHz	Pass	9.00	7.54	7.46	6.79	7.43	13.14	14.00	22.14	23.00
5240MHz	Pass	9.00	7.76	8.27	7.90	8.24	13.88	14.00	22.88	23.00
5260MHz	Pass	9.00	1.65	2.28	2.11	1.91	7.70	8.00	16.70	17.00
5300MHz	Pass	9.00	1.34	1.98	1.77	1.93	7.49	8.00	16.49	17.00
5320MHz	Pass	9.00	1.69	2.11	1.91	1.92	7.53	8.00	16.53	17.00
5500MHz	Pass	8.82	2.00	2.39	2.41	2.38	8.02	8.18	16.84	17.00
5580MHz	Pass	8.82	1.92	2.32	2.50	2.50	7.99	8.18	16.81	17.00
5700MHz	Pass	8.82	2.17	2.25	2.48	2.40	8.06	8.18	16.88	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.82	2.07	1.95	2.42	2.42	7.94	8.18	16.76	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.80	0.64	0.57	0.82	0.90	6.45	27.20	15.25	36.00
5745MHz	Pass	8.80	7.49	8.07	8.09	8.14	13.72	27.20	22.52	36.00
5785MHz	Pass	8.80	8.44	8.74	9.10	8.74	14.48	27.20	23.28	36.00
5825MHz	Pass	8.80	7.47	7.86	7.97	7.54	13.49	27.20	22.29	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5190MHz	Pass	9.00	-0.03	0.98	0.36	1.26	6.45	14.00	15.45	23.00
5230MHz	Pass	9.00	4.68	4.20	4.09	4.31	10.15	14.00	19.15	23.00
5270MHz	Pass	9.00	1.91	2.35	1.97	1.98	7.83	8.00	16.83	17.00
5310MHz	Pass	9.00	1.90	2.09	2.09	1.85	7.76	8.00	16.76	17.00
5510MHz	Pass	8.82	1.84	1.95	2.14	2.05	7.69	8.18	16.51	17.00
5590MHz	Pass	8.82	2.07	2.02	2.73	2.36	8.03	8.18	16.85	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)
5670MHz	Pass	8.82	2.11	1.96	2.34	2.42	7.98	8.18	16.80	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.82	2.09	1.97	2.39	2.14	7.97	8.18	16.79	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.80	-2.86	-2.48	-2.34	-2.33	3.27	27.20	12.07	36.00
5755MHz	Pass	8.80	4.29	5.17	5.22	4.99	10.56	27.20	19.36	36.00
5795MHz	Pass	8.80	5.09	5.04	5.31	5.08	10.83	27.20	19.63	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5210MHz	Pass	9.00	-7.63	-6.82	-7.56	-6.97	-1.47	14.00	7.53	23.00
5290MHz	Pass	9.00	-6.09	-4.65	-5.25	-5.13	0.54	8.00	9.54	17.00
5530MHz	Pass	8.82	-3.11	-2.81	-2.47	-2.99	2.88	8.18	11.70	17.00
5610MHz	Pass	8.82	-0.98	-0.15	0.06	0.02	5.55	8.18	14.37	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.82	-0.58	-0.46	-0.30	-0.19	5.45	8.18	14.27	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.80	-5.16	-4.87	-5.00	-4.99	0.84	27.20	9.64	36.00
5775MHz	Pass	8.80	-0.96	-1.06	-0.92	-0.61	4.75	27.20	13.55	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.00	-9.31	-9.14	-9.40	-9.42	-3.41	14.00	5.59	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	9.00	-9.62	-8.81	-9.48	-9.16	-3.27	8.00	5.73	17.00
5570MHz	Pass	8.82	-7.45	-6.55	-6.61	-7.26	-1.15	8.18	7.67	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 = $10 \times \log((10^{3/20} + 10^{2.9/20} + 10^{3.2/20} + 10^{2.8/20})^2 / 4) = 9.00 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to 17 dBm – (9.00dBi – 6dBi) = 14.0 dBm

For 5260~5320MHz:

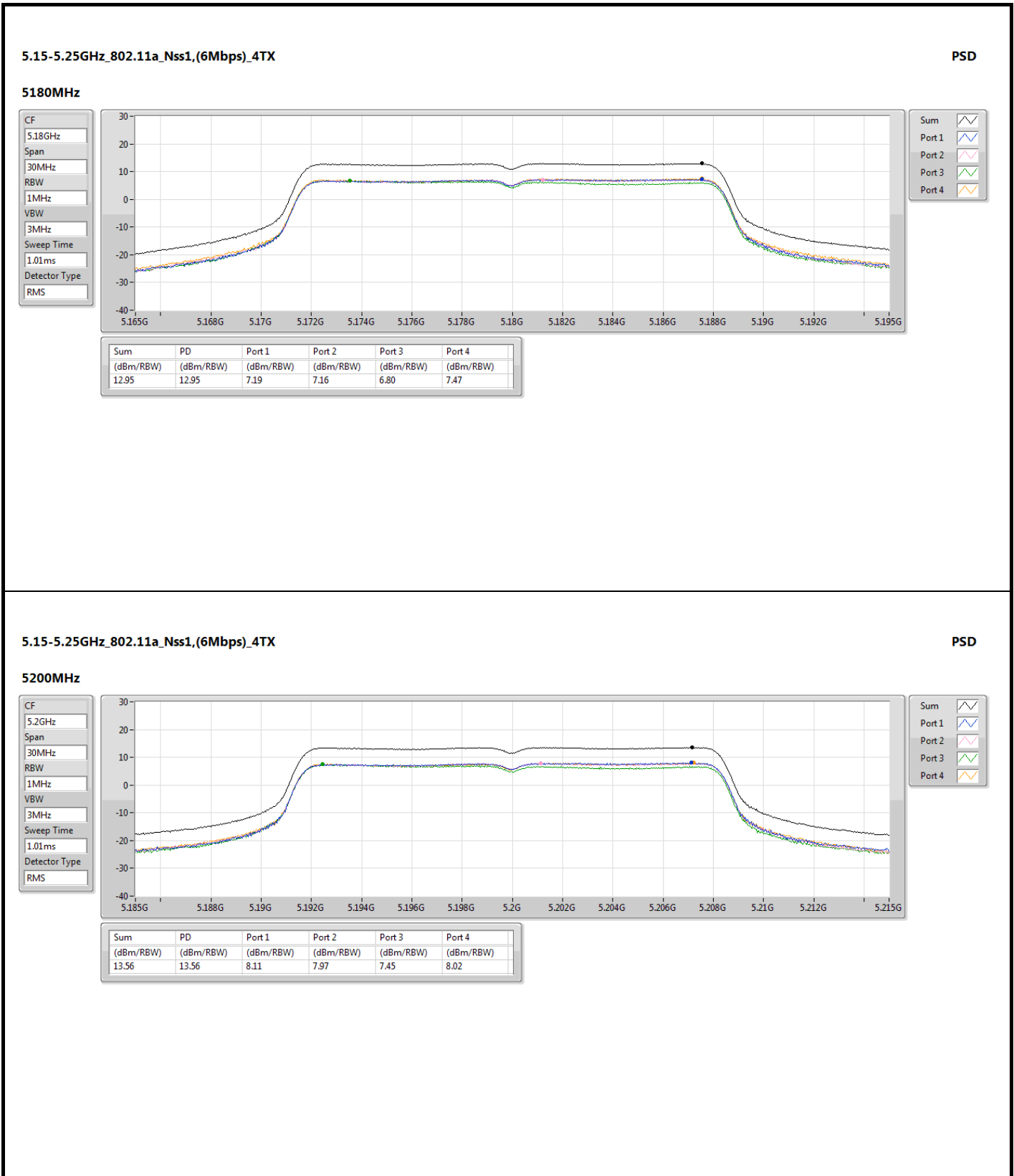
Directional gain = $10 \times \log((10^{3/20} + 10^{2.9/20} + 10^{3.2/20} + 10^{2.8/20})^2 / 4) = 9.00 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to 11 dBm – (9.00dBi – 6dBi) = 8.0 dBm

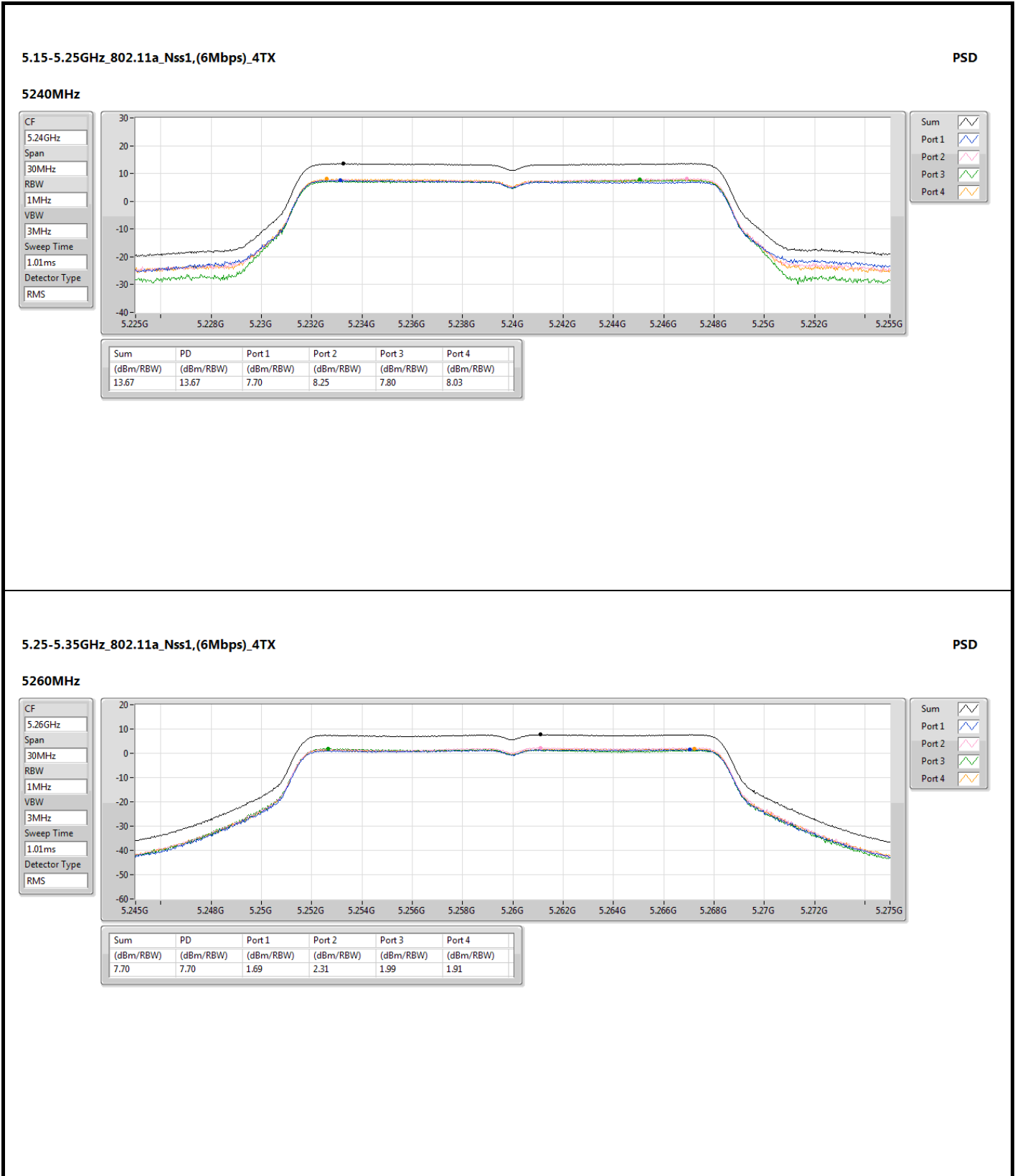
For 5500~5700MHz:

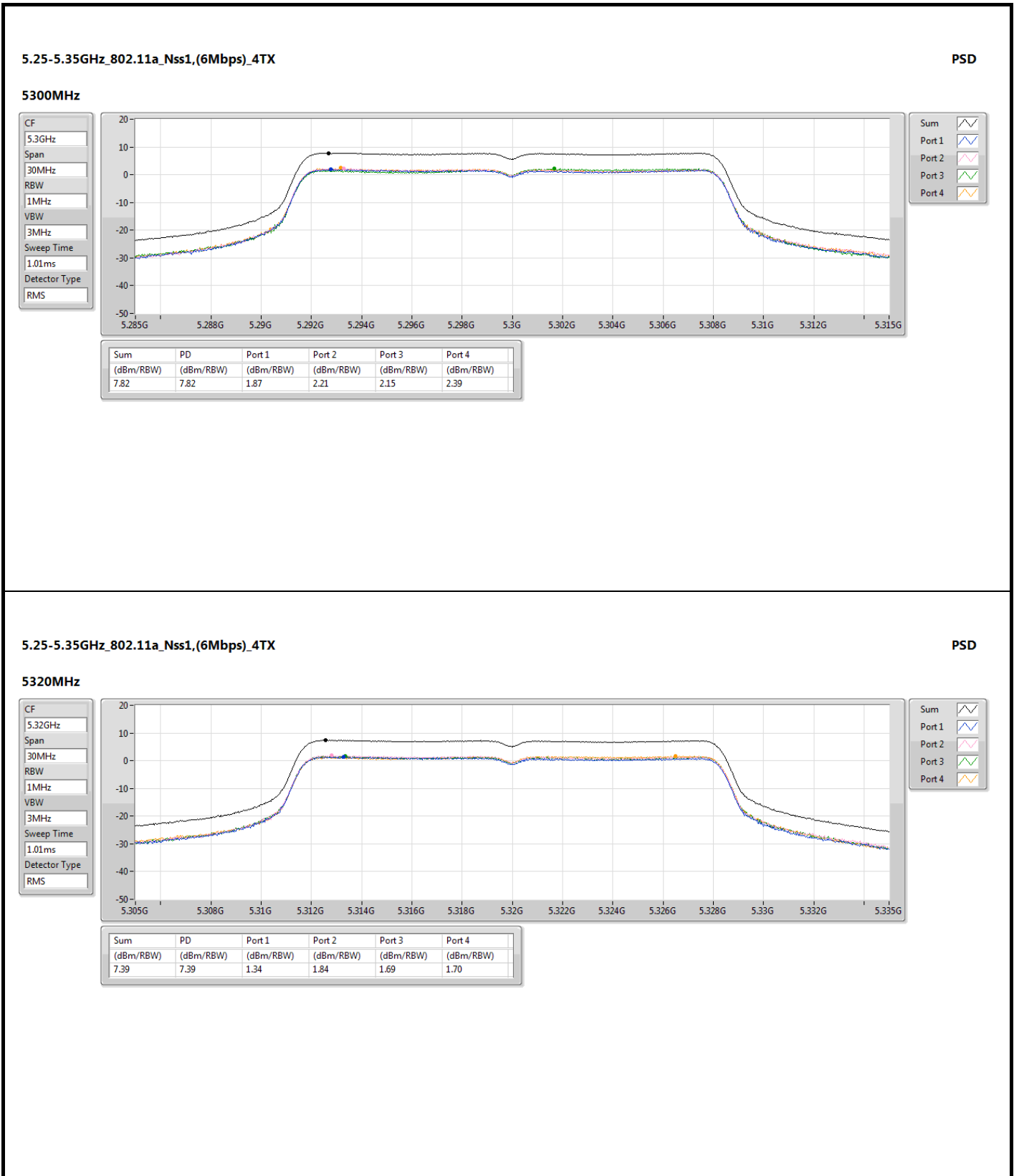
Directional gain = $10 \times \log((10^{2.6/20} + 10^{2.6/20} + 10^{3/20} + 10^{3/20})^2 / 4) = 8.82 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to 11 dBm – (8.82dBi – 6dBi) = 8.18 dBm

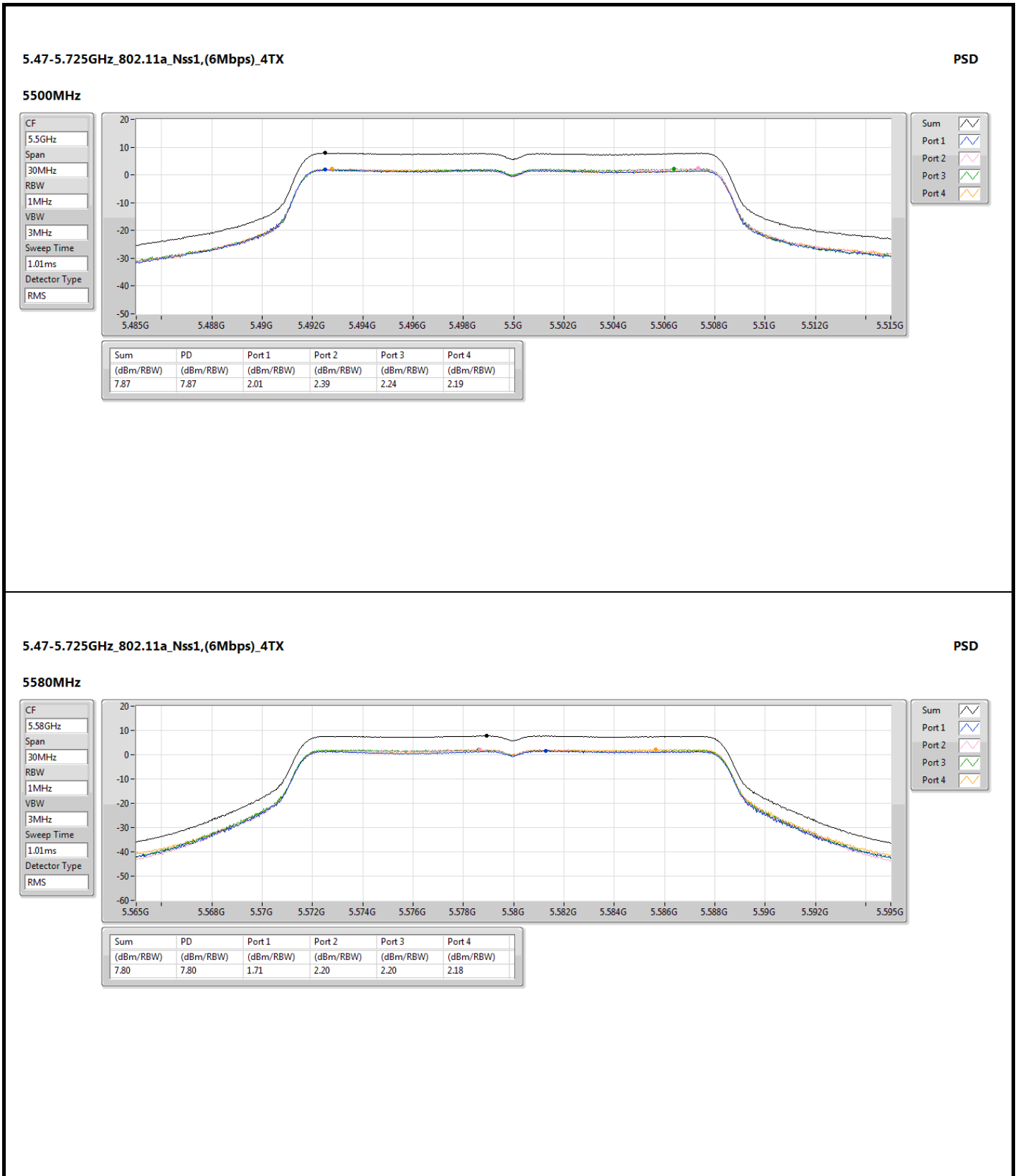
For 5745~5825MHz:

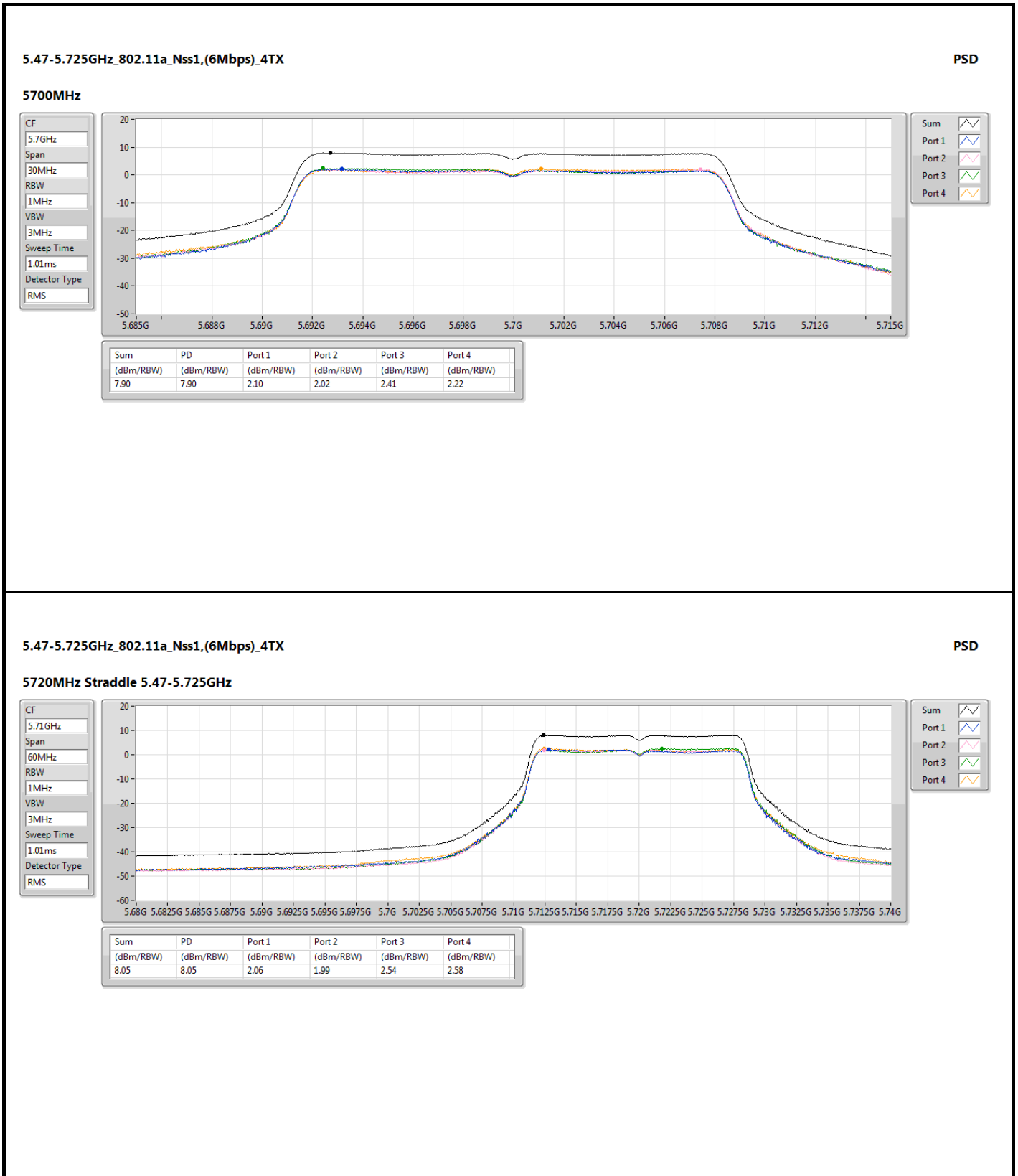
Directional gain = $10 \times \log((10^{2.4/20} + 10^{3.1/20} + 10^{2.9/20} + 10^{2.7/20})^2 / 4) = 8.8 \text{ dBi} > 6\text{dBi}$, so the limit shall be reduced to 30 dBm – (8.8dBi – 6dBi) = 27.2 dBm

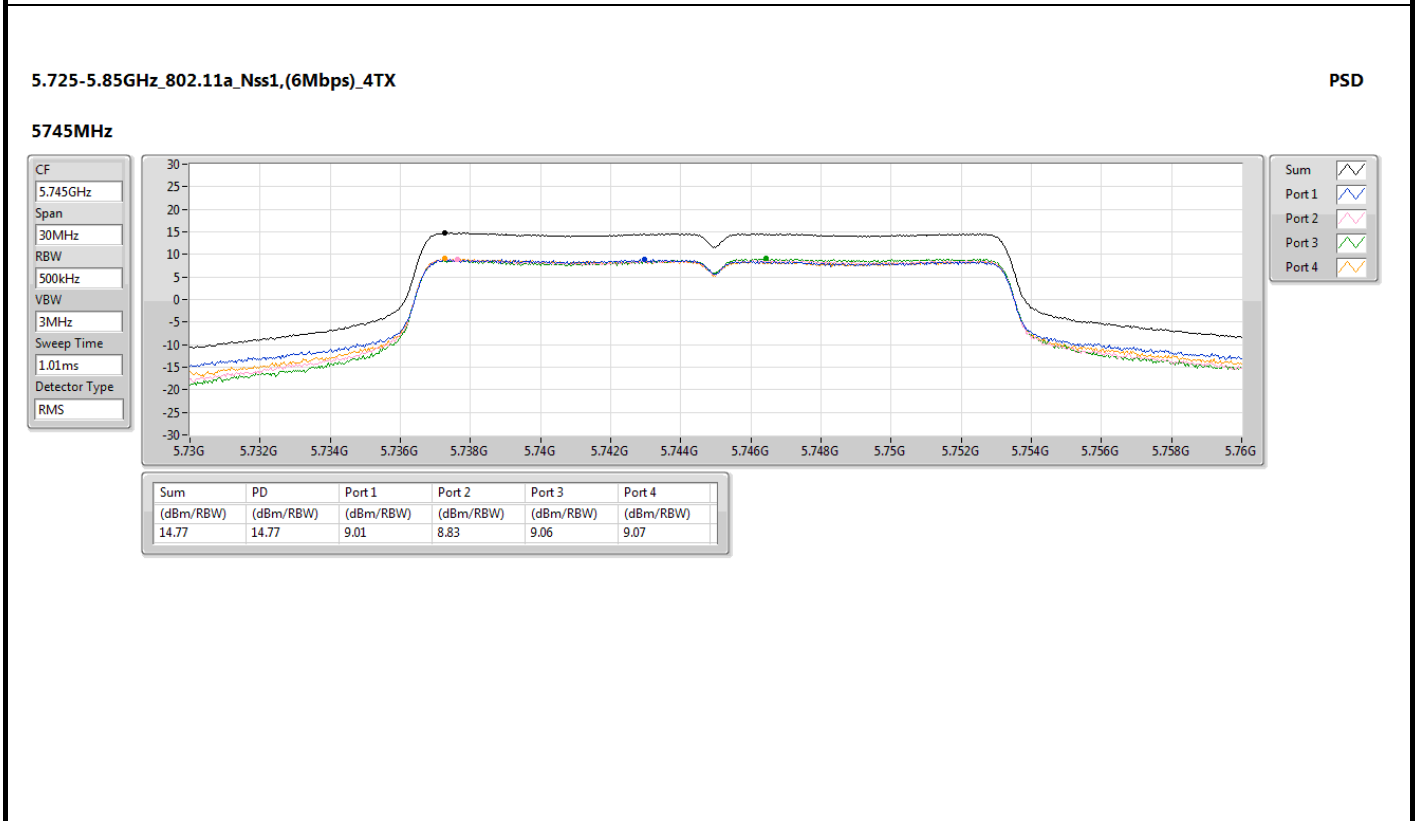
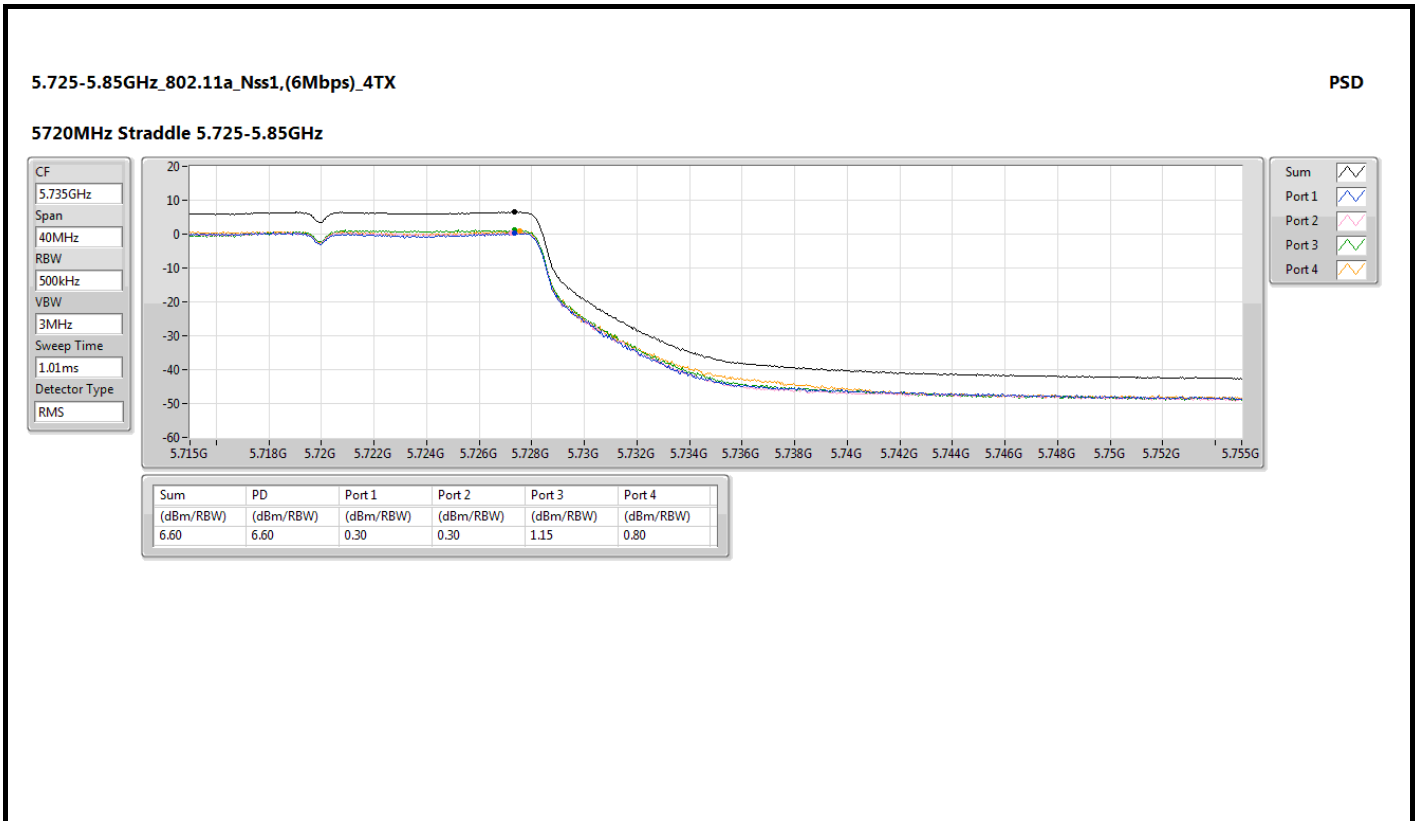


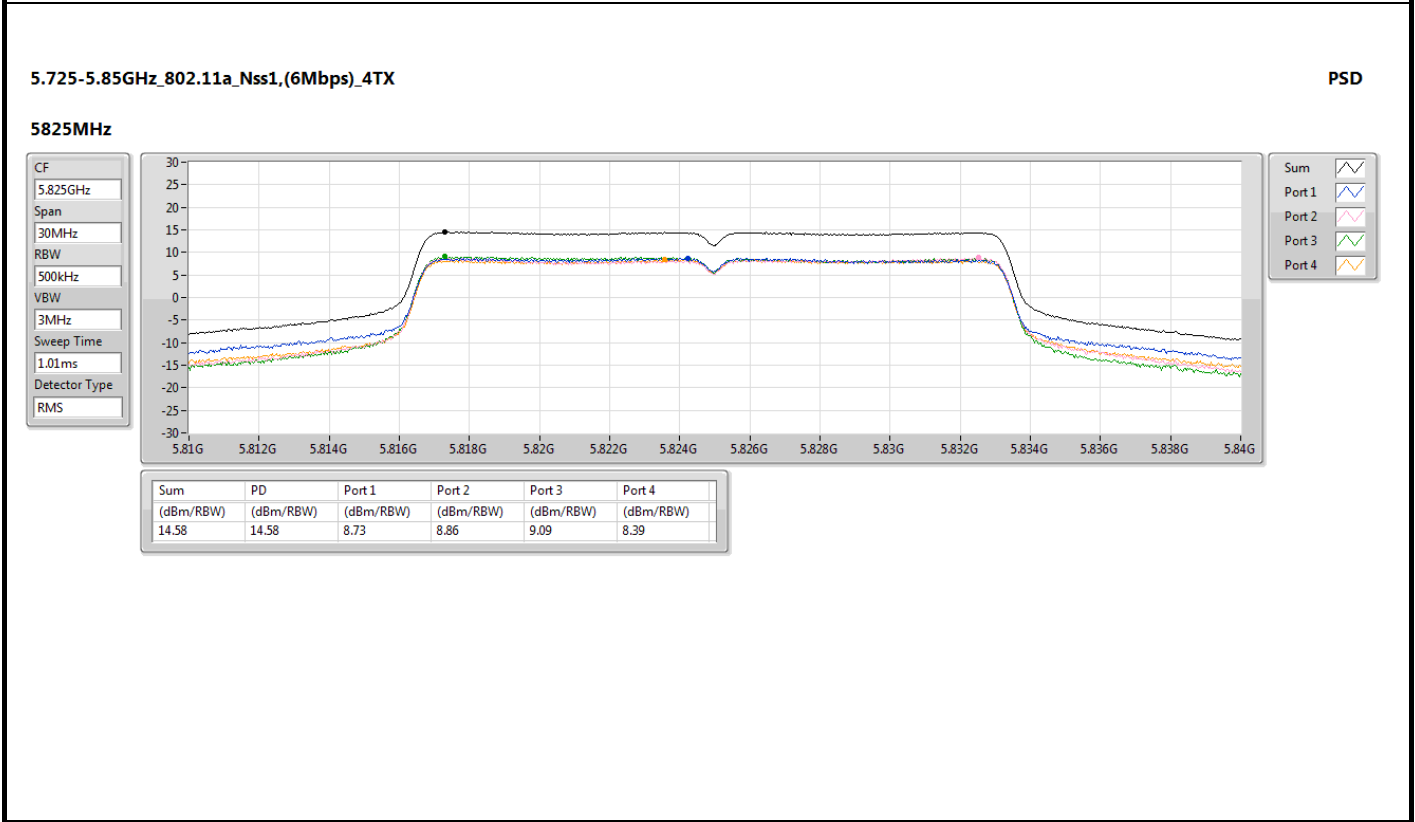
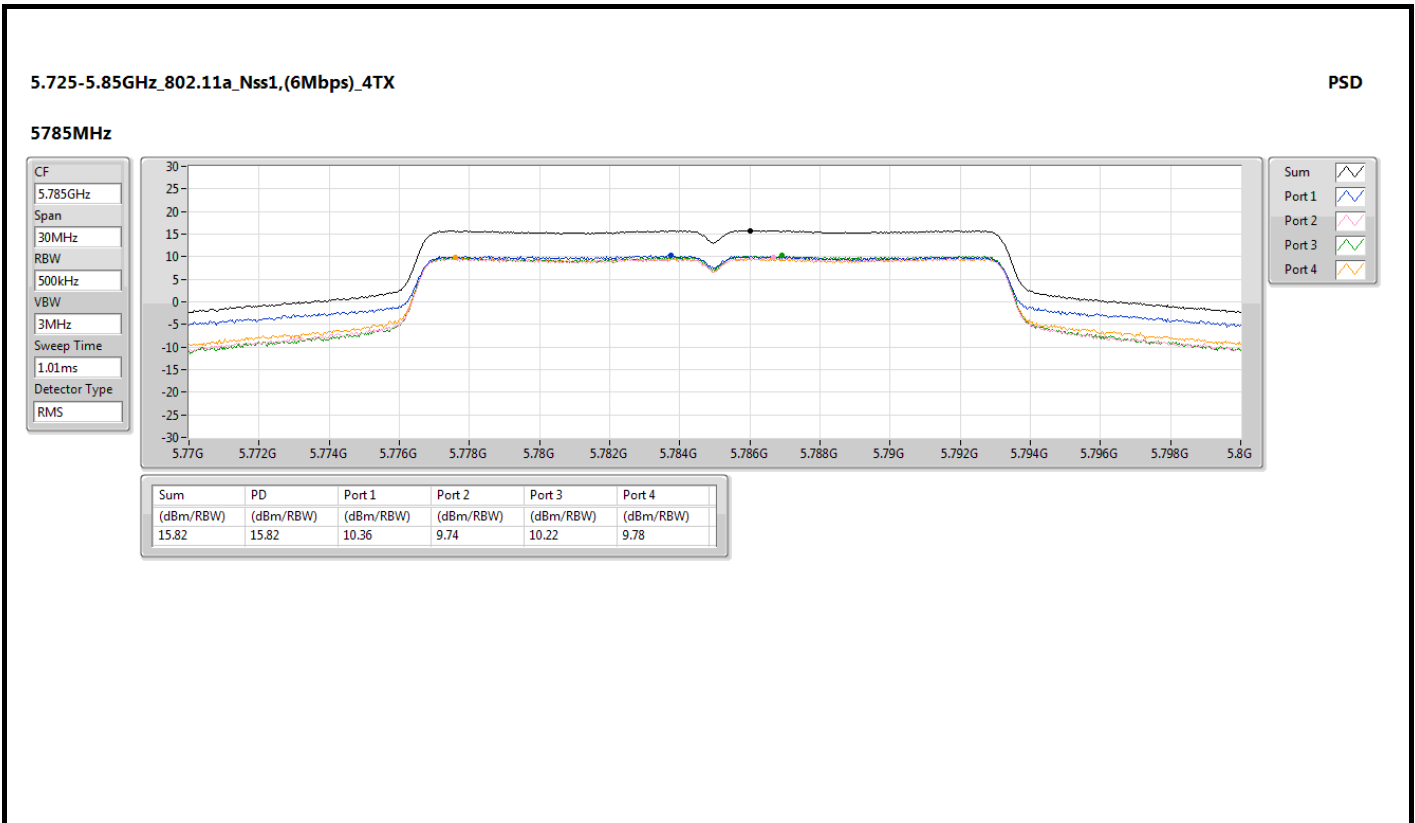


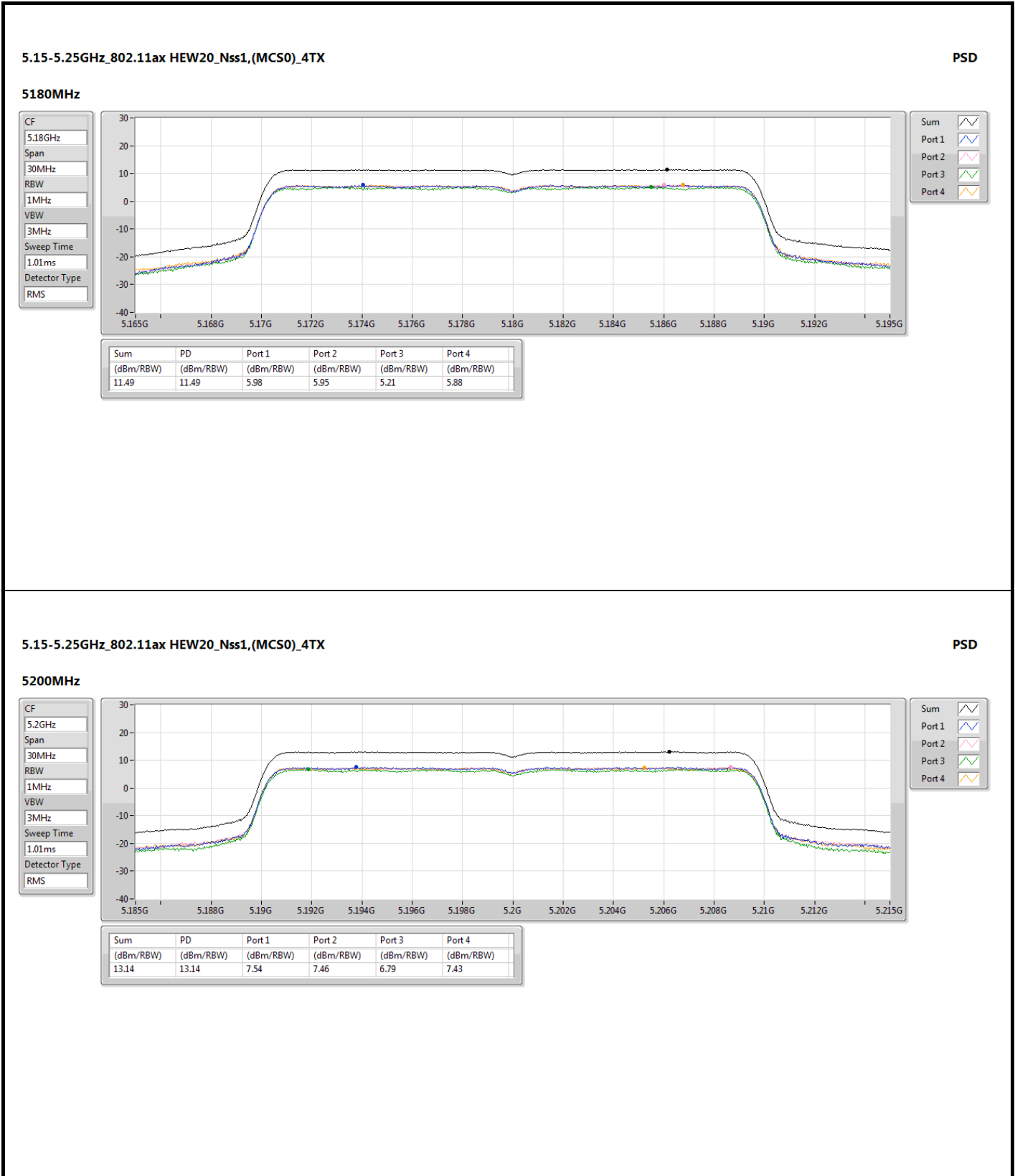


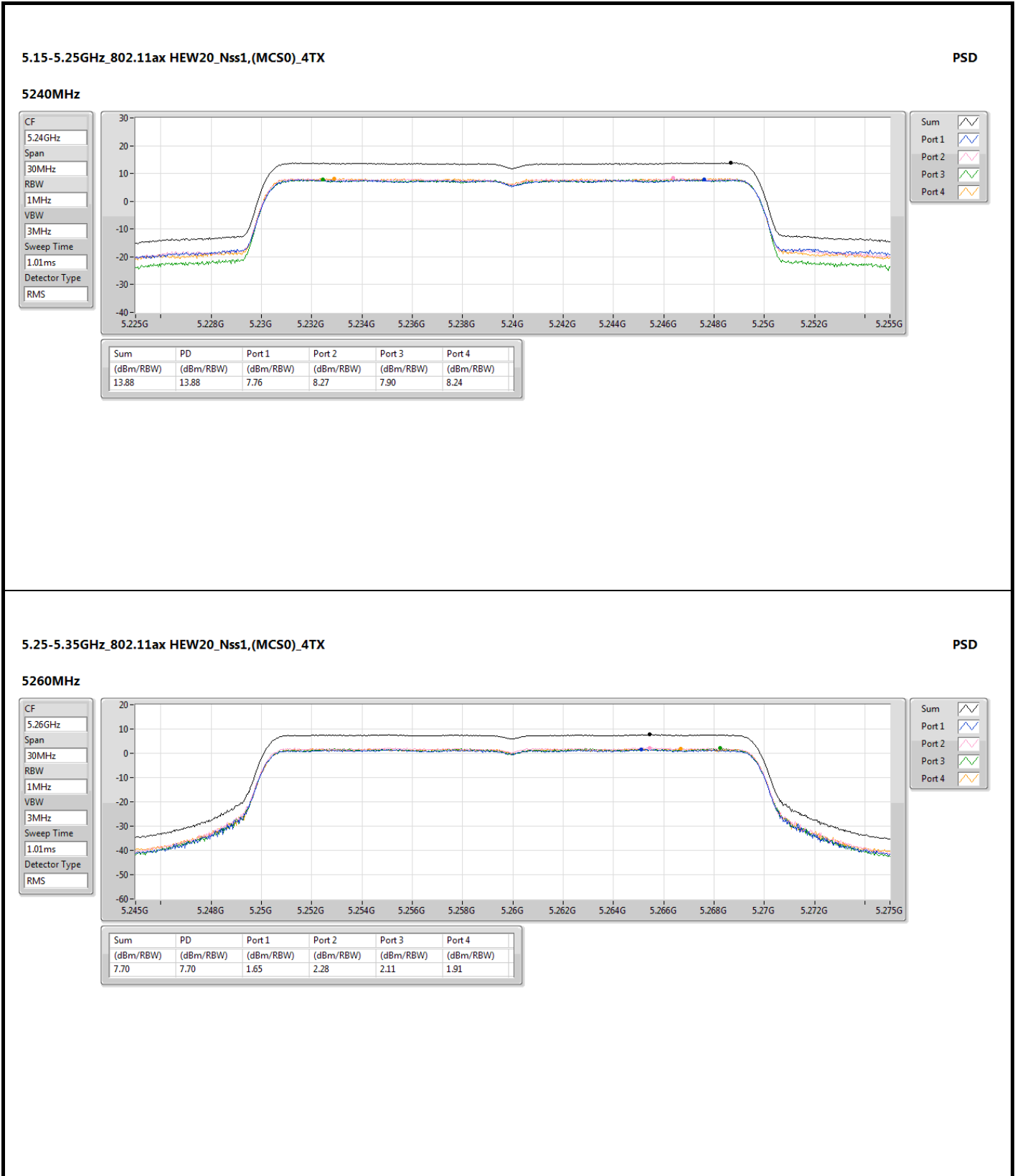


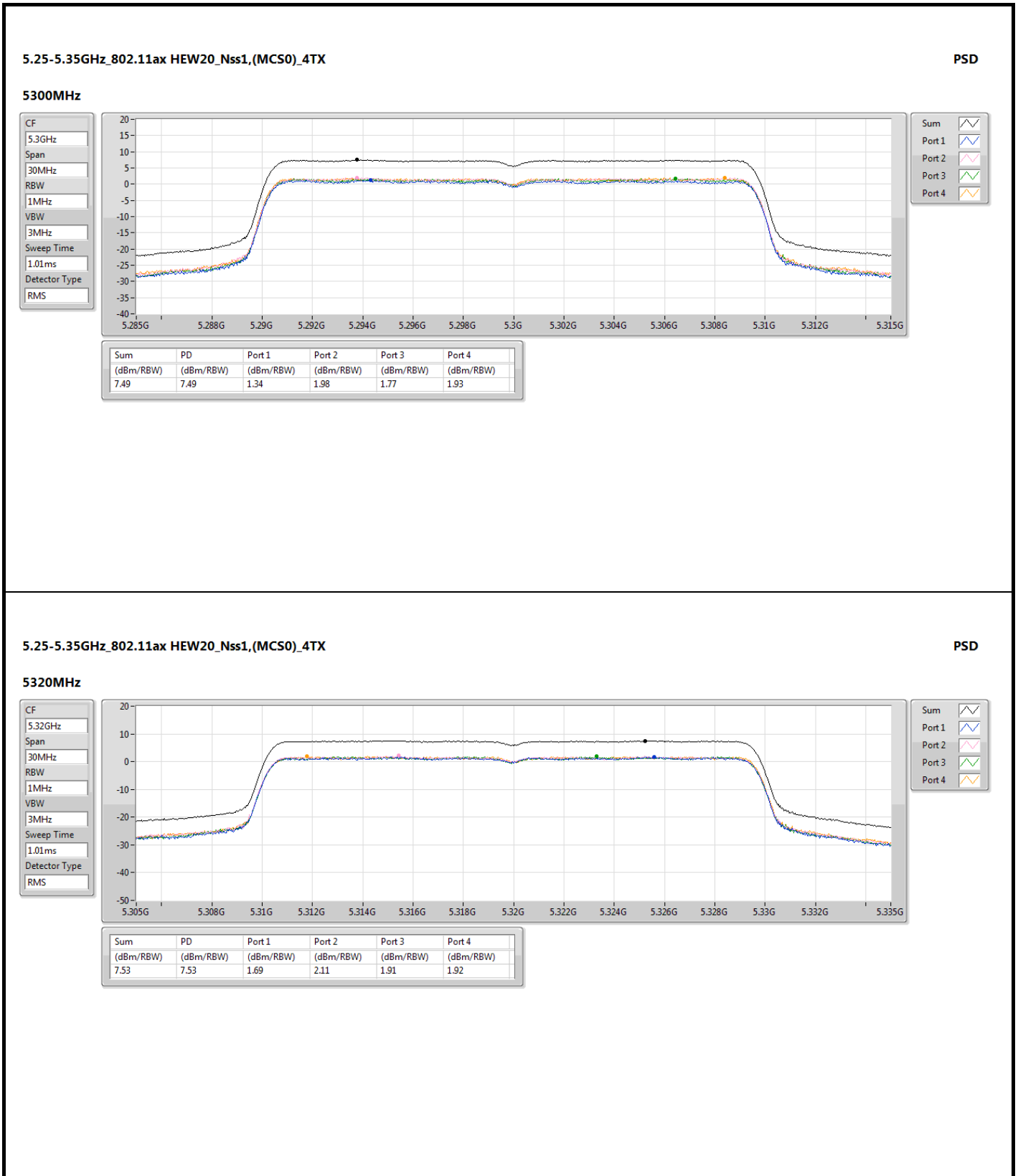


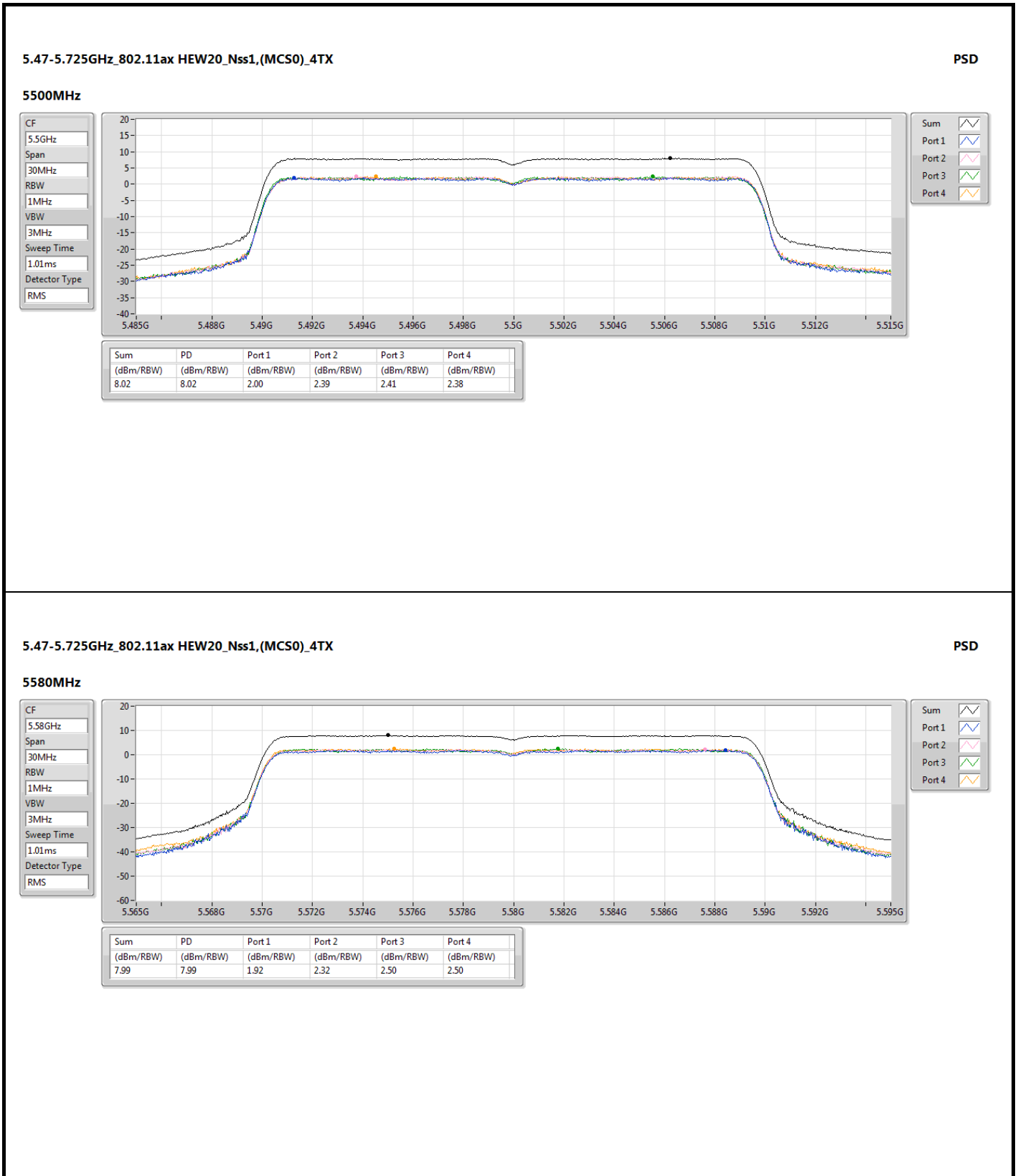


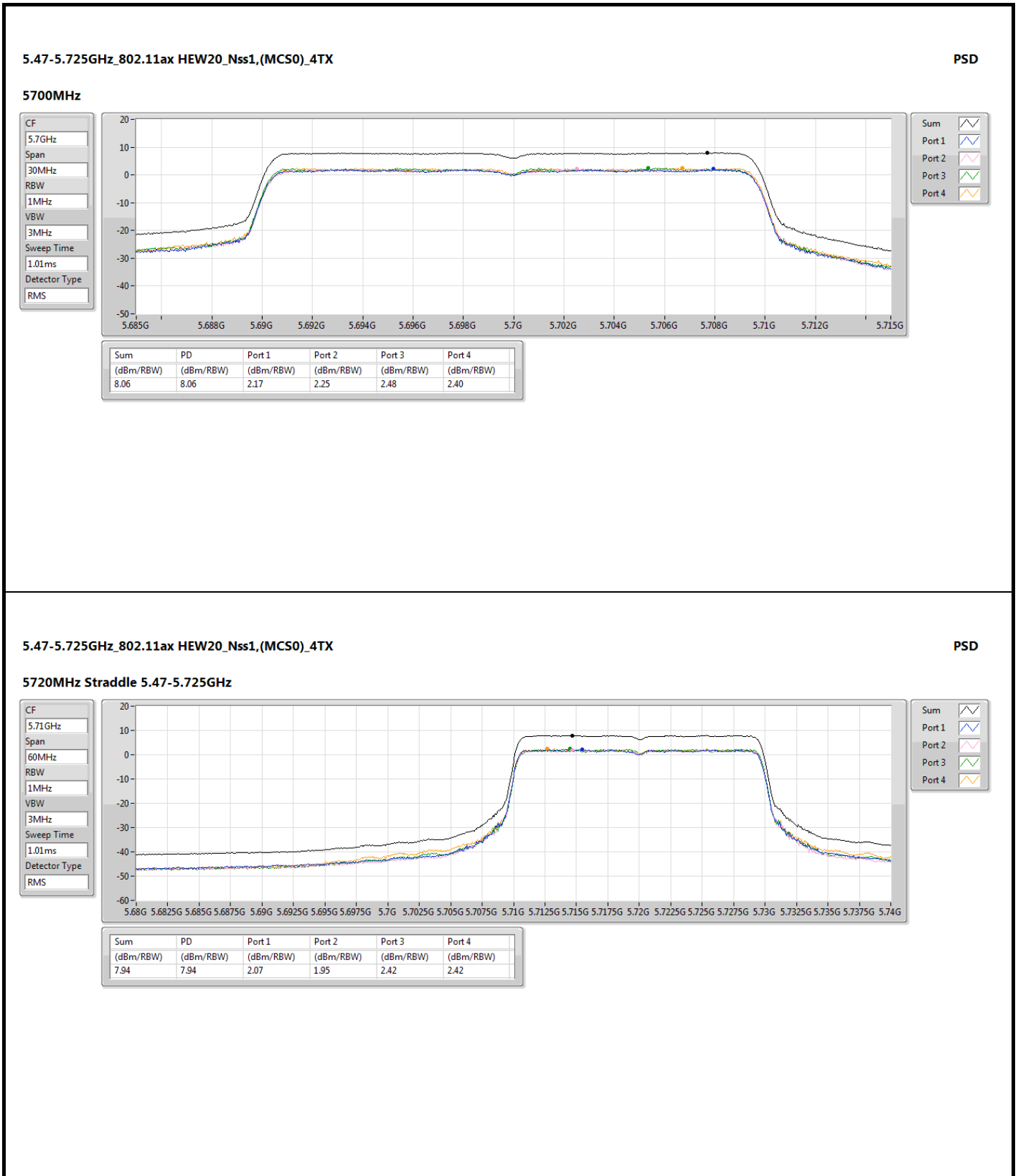


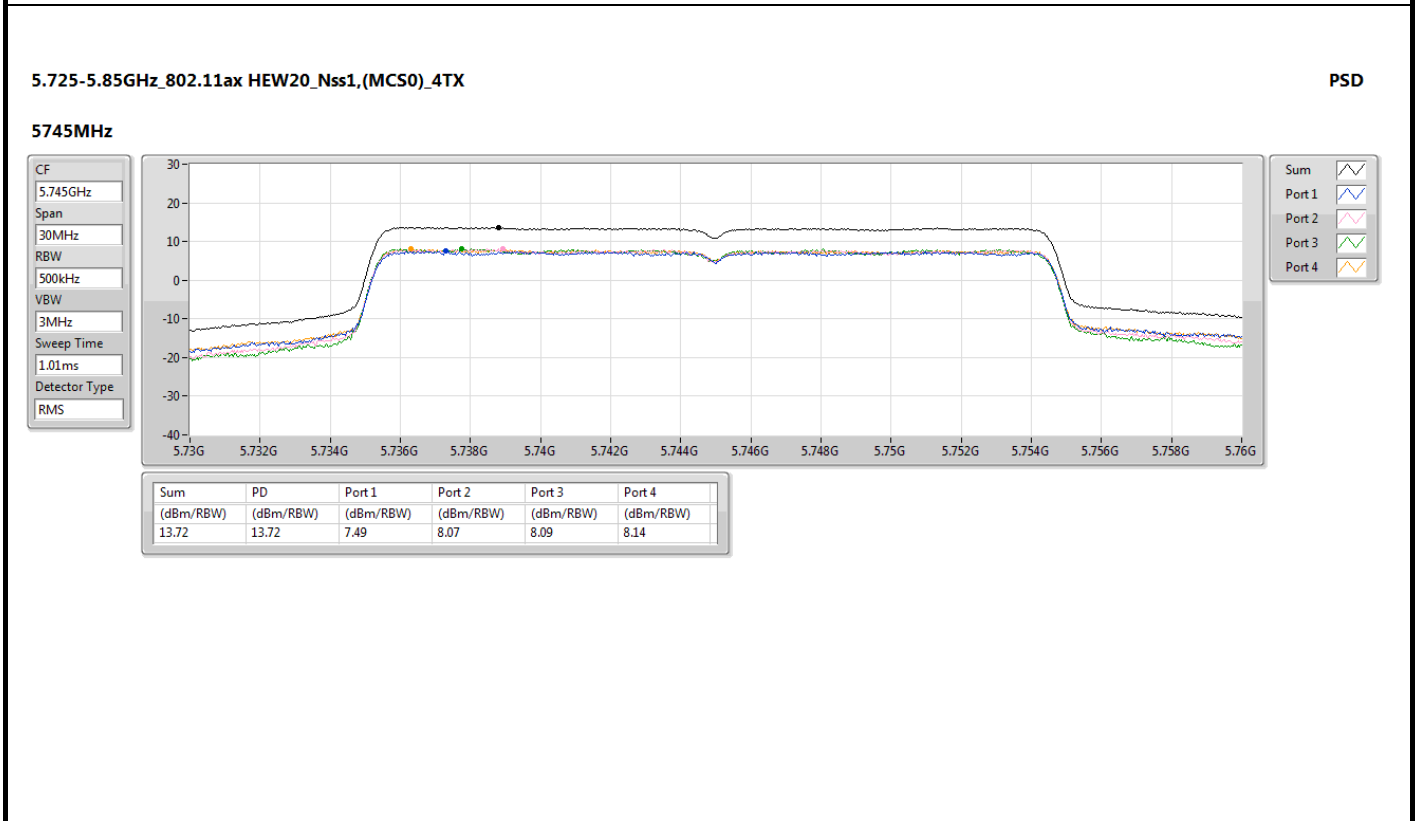
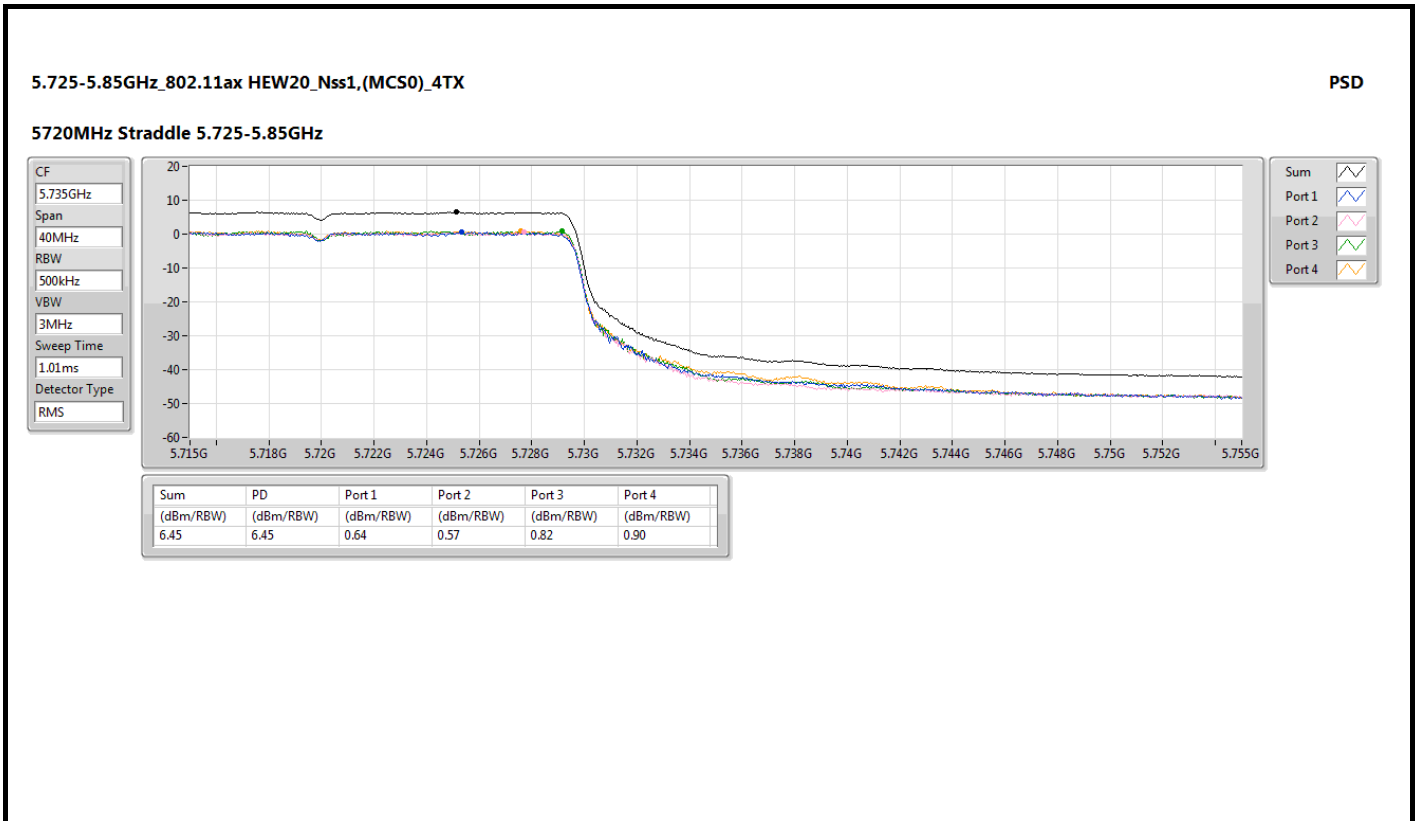


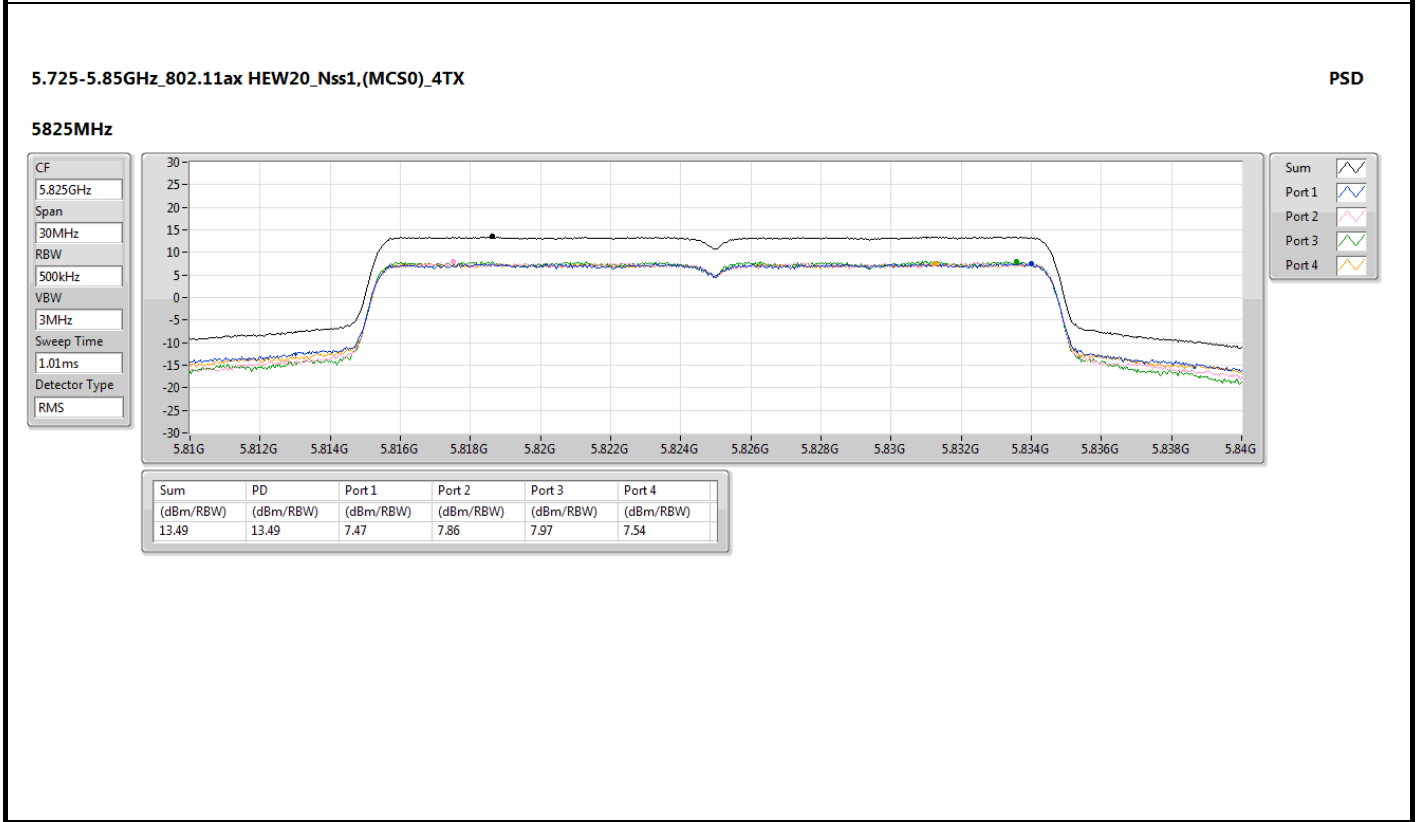
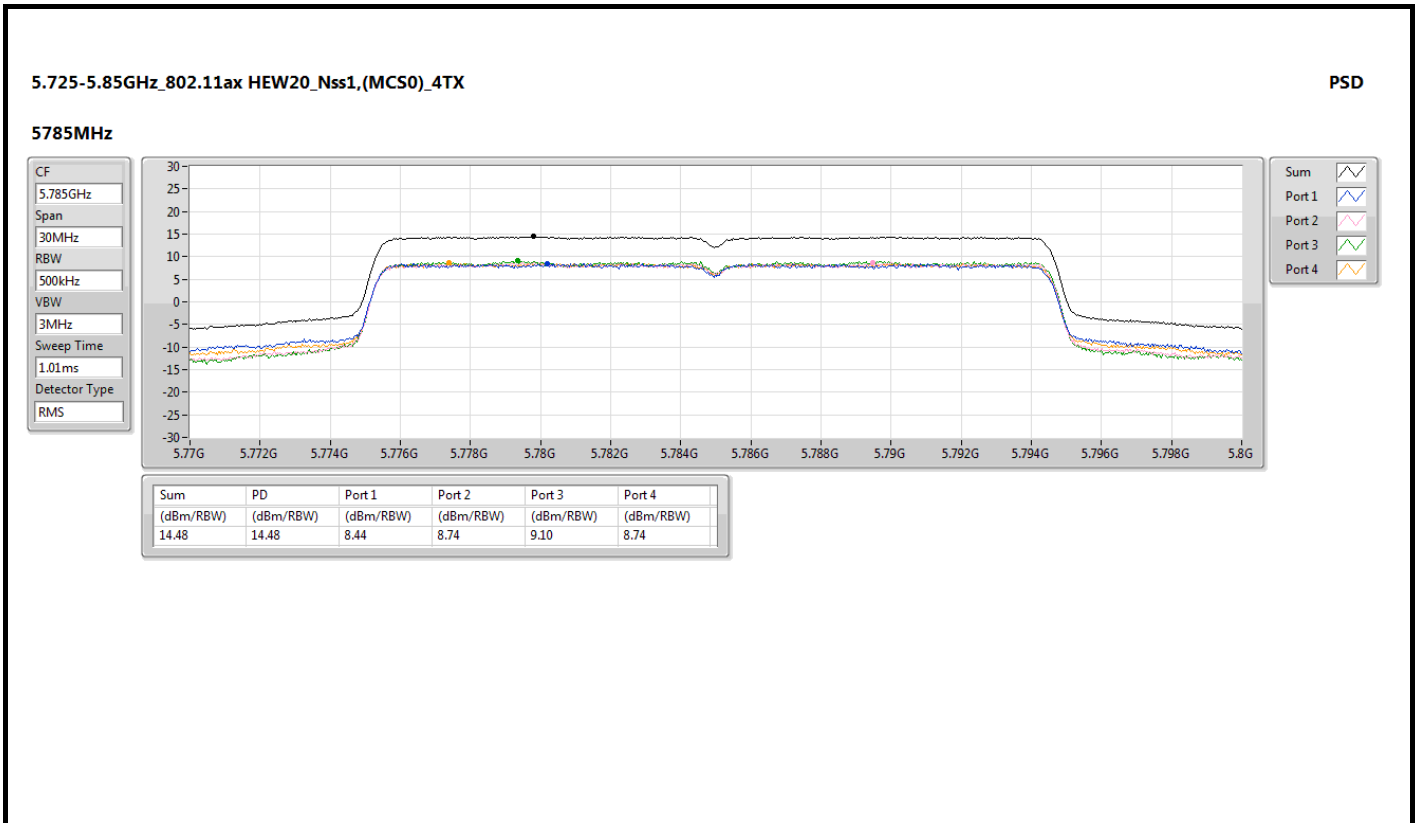


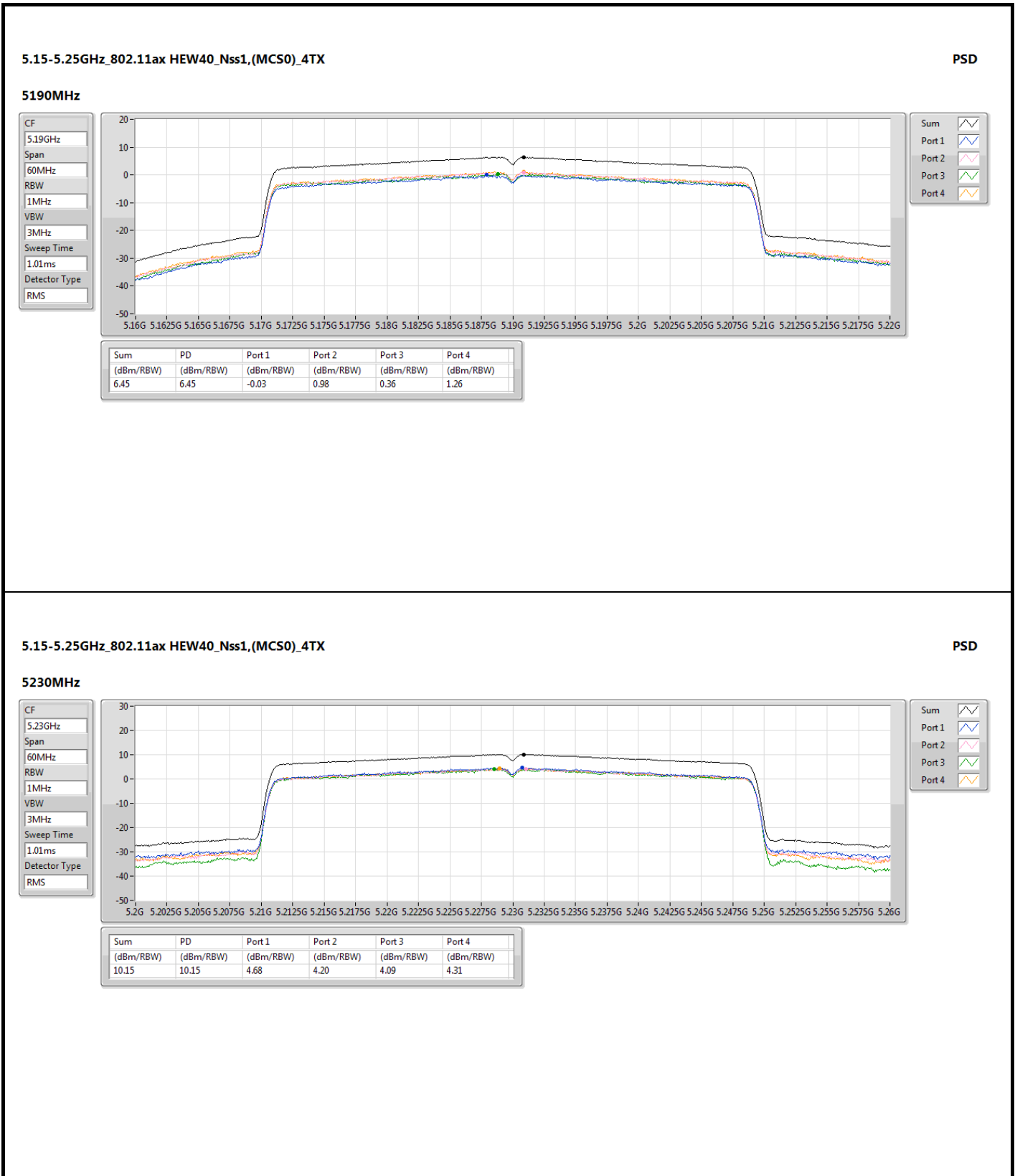


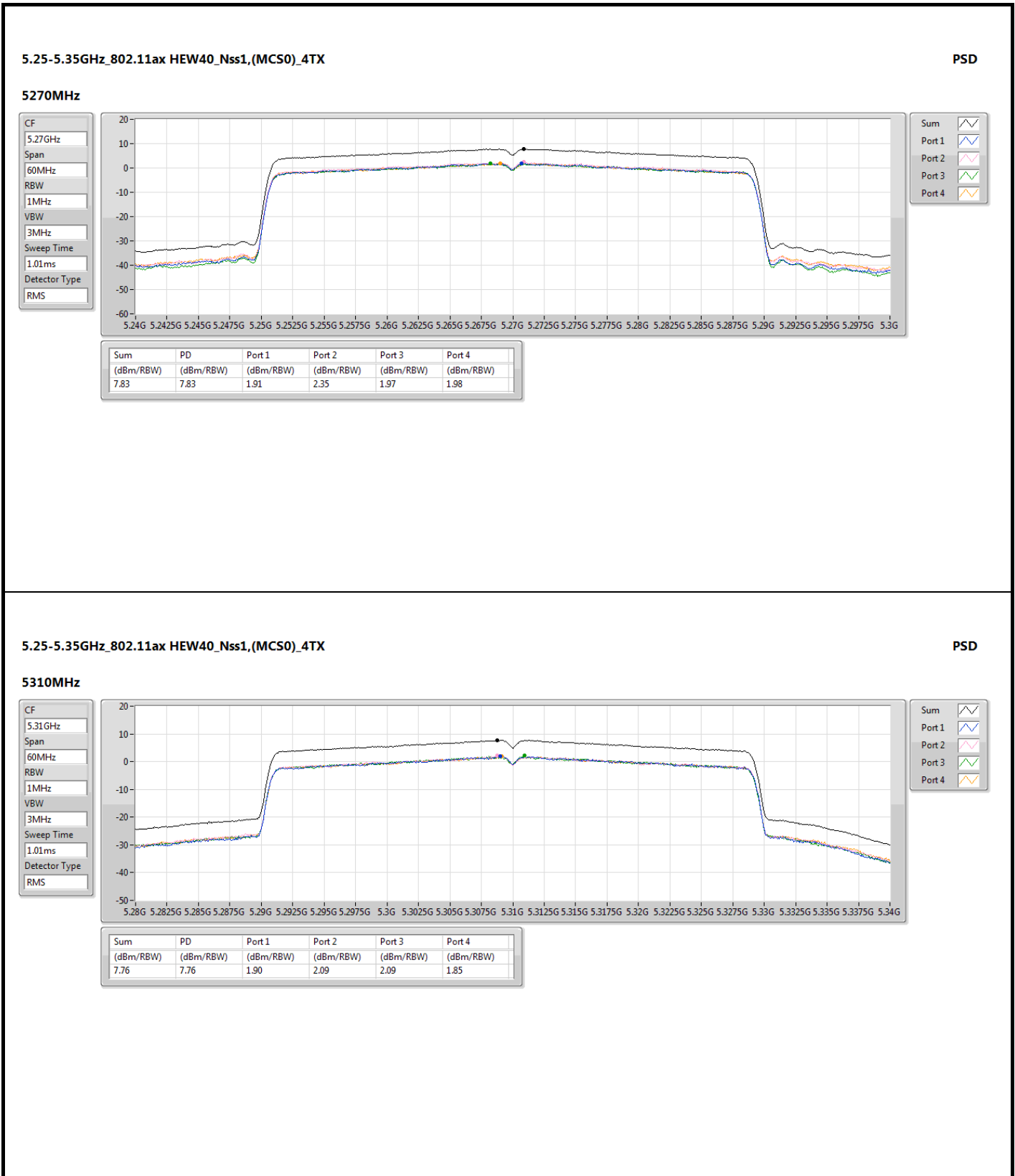


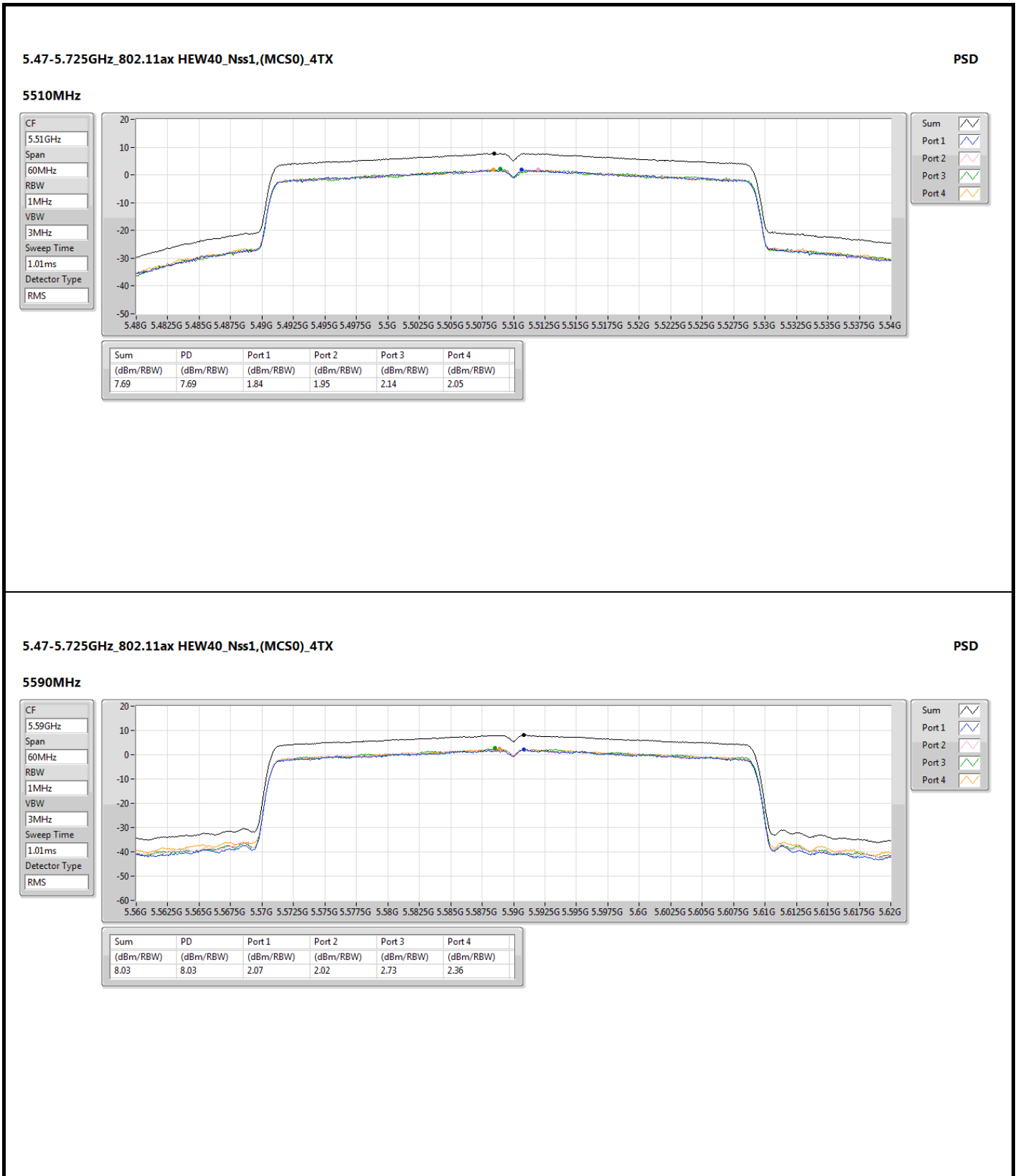


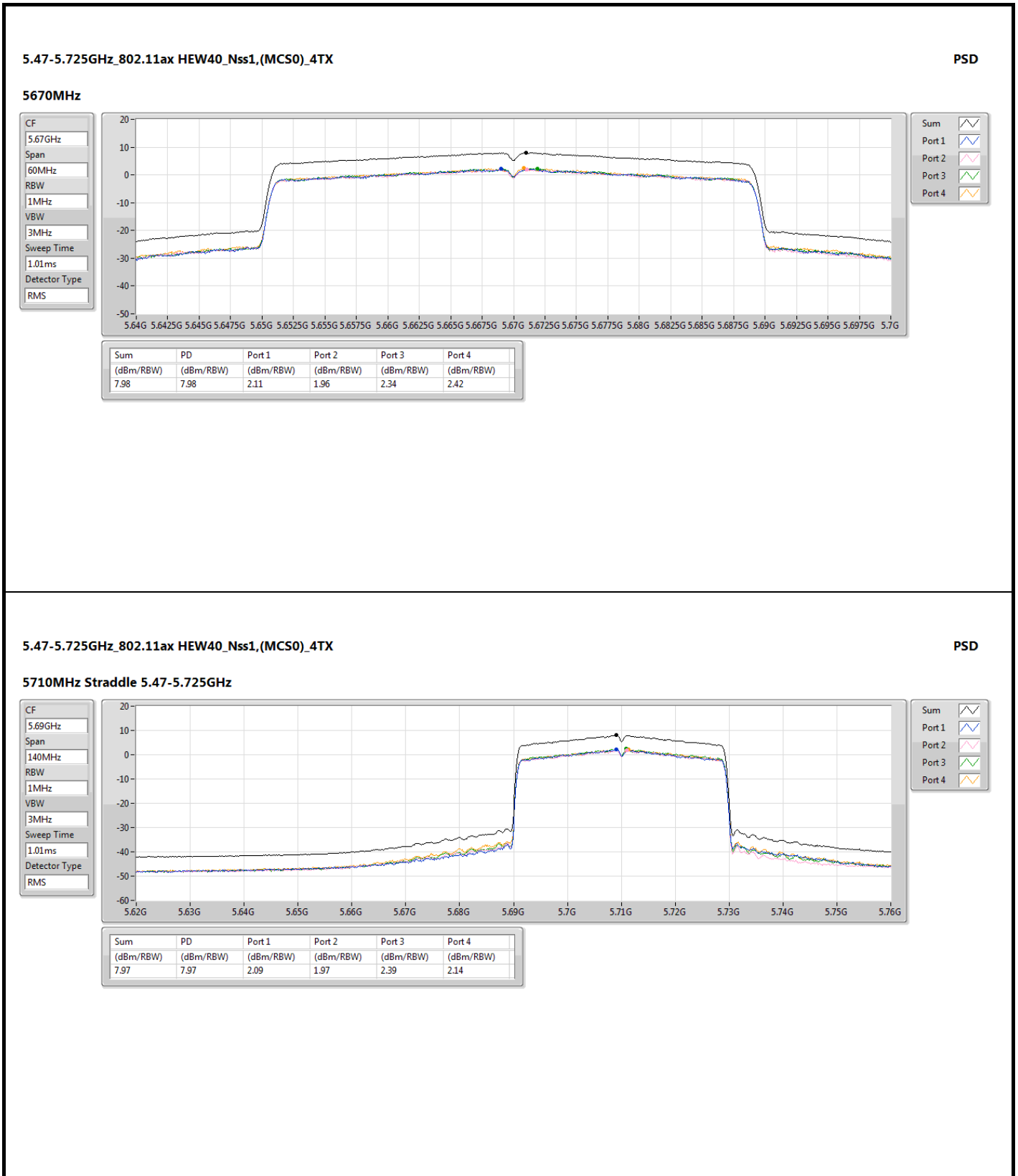


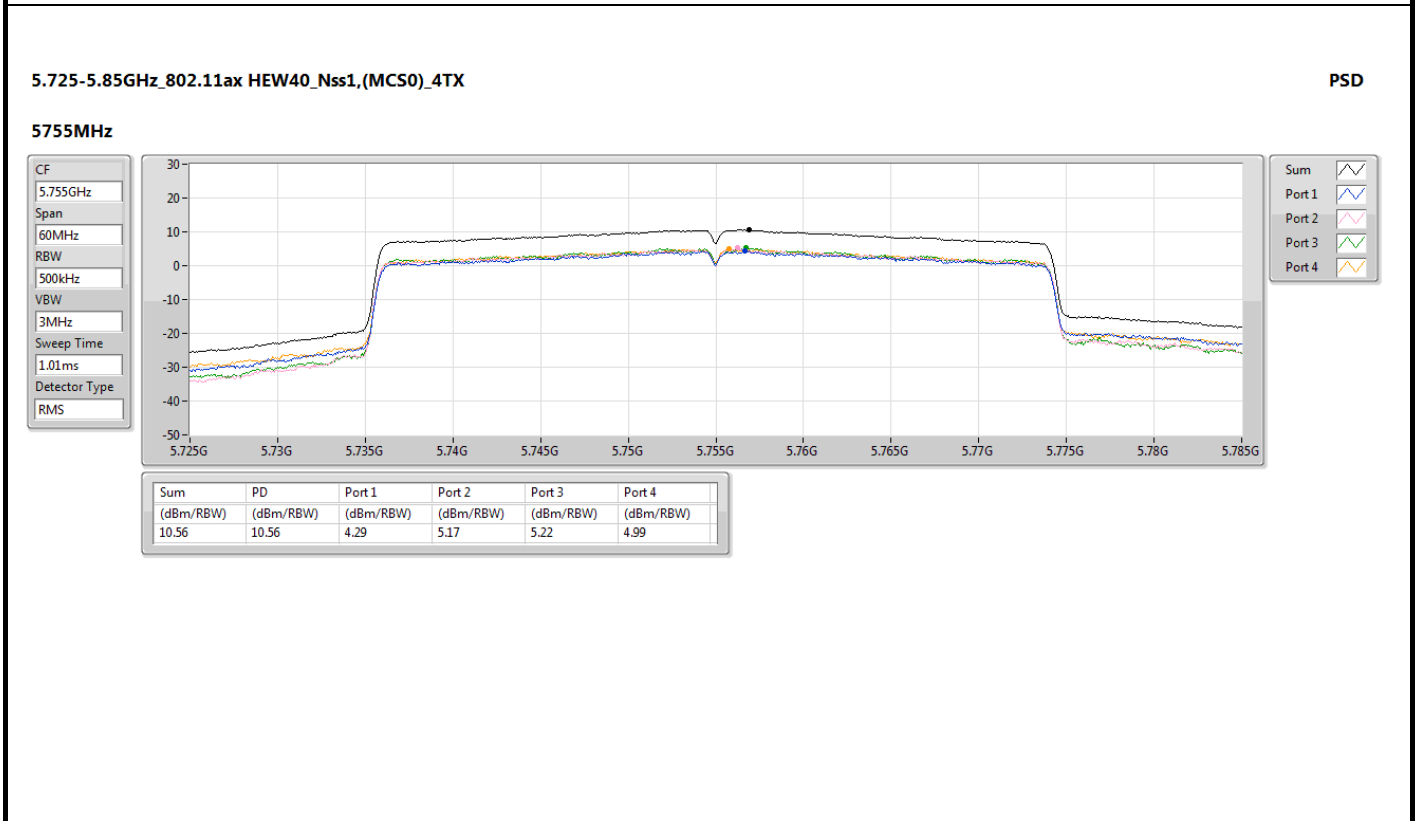
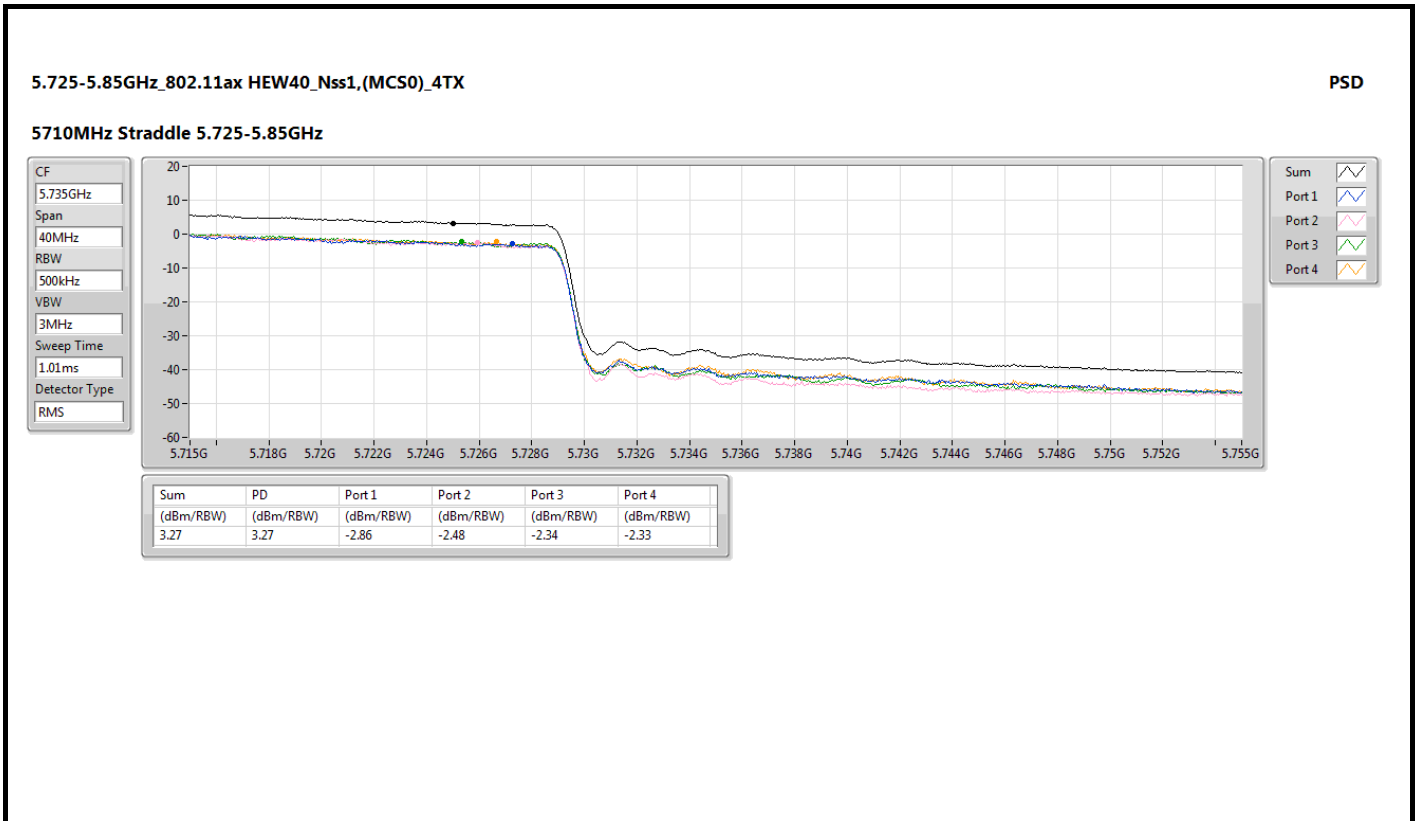


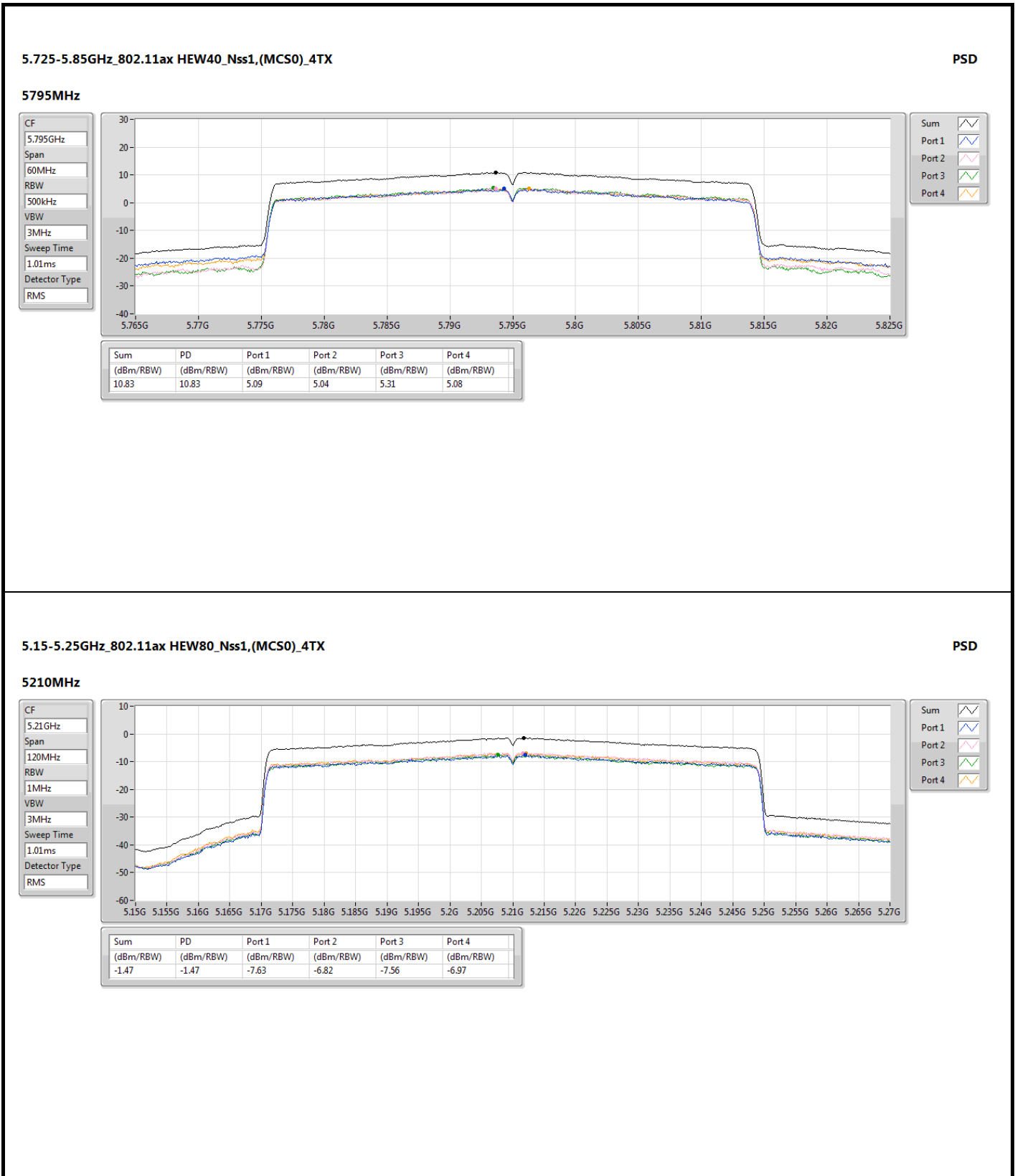


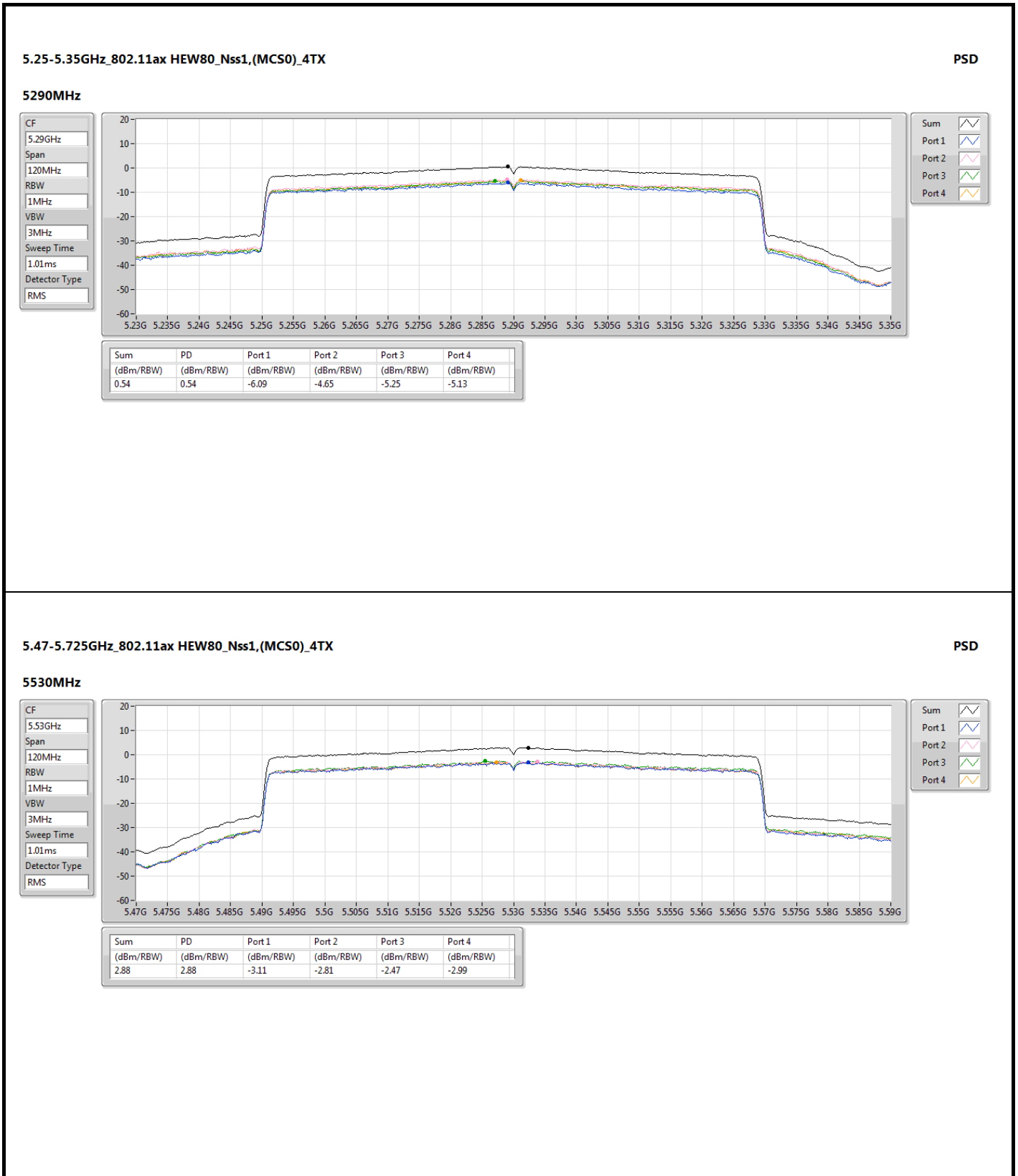


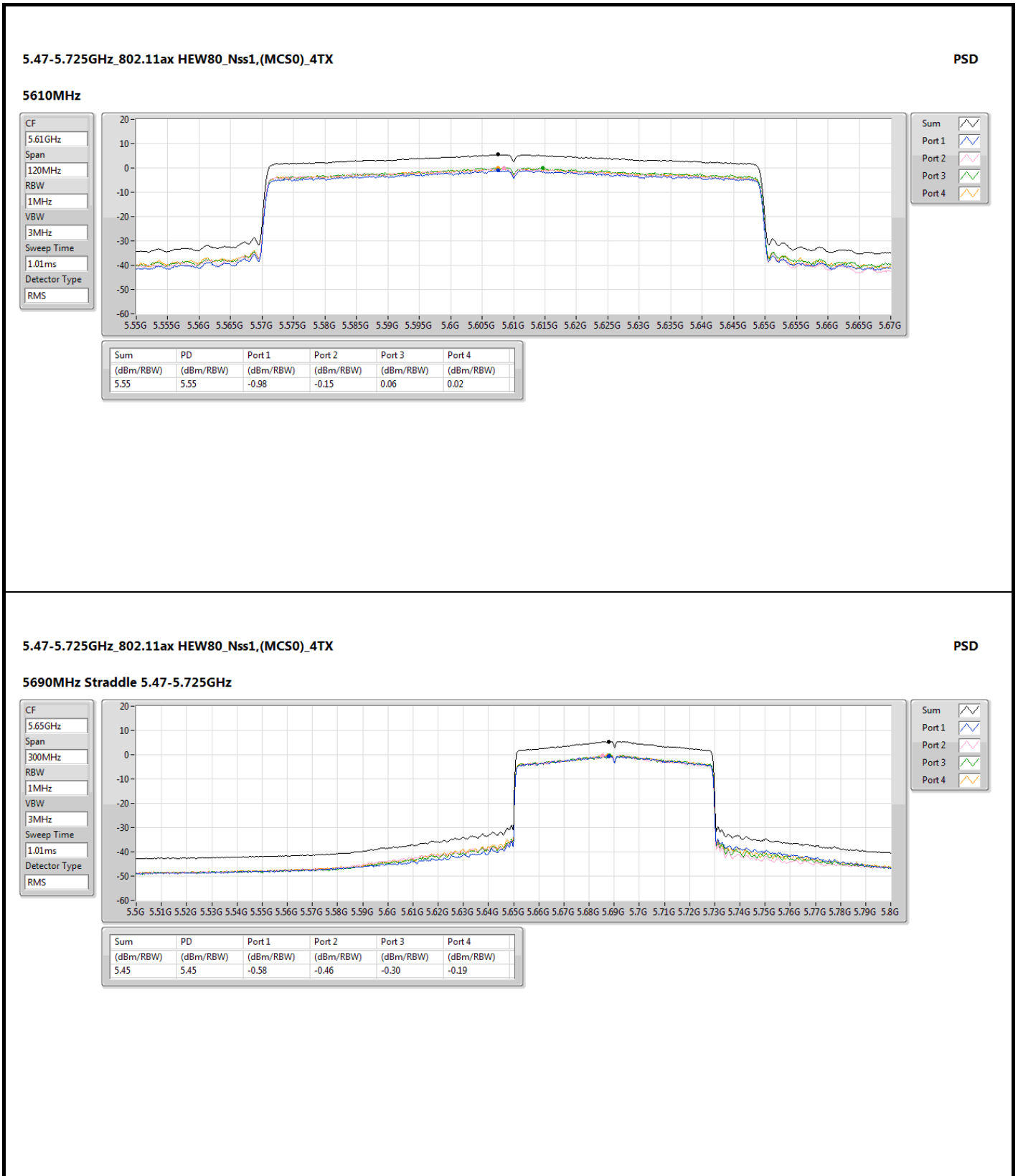


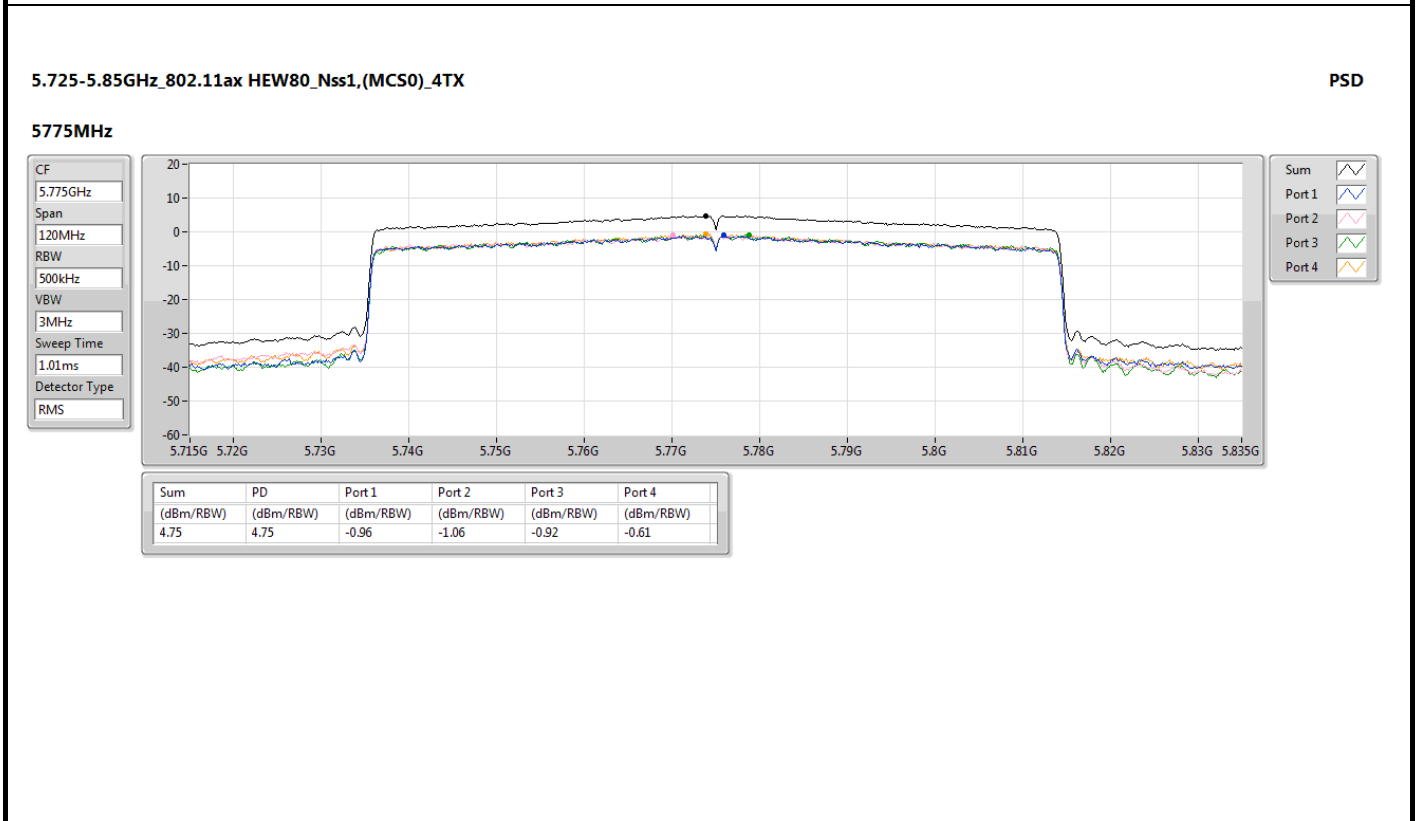
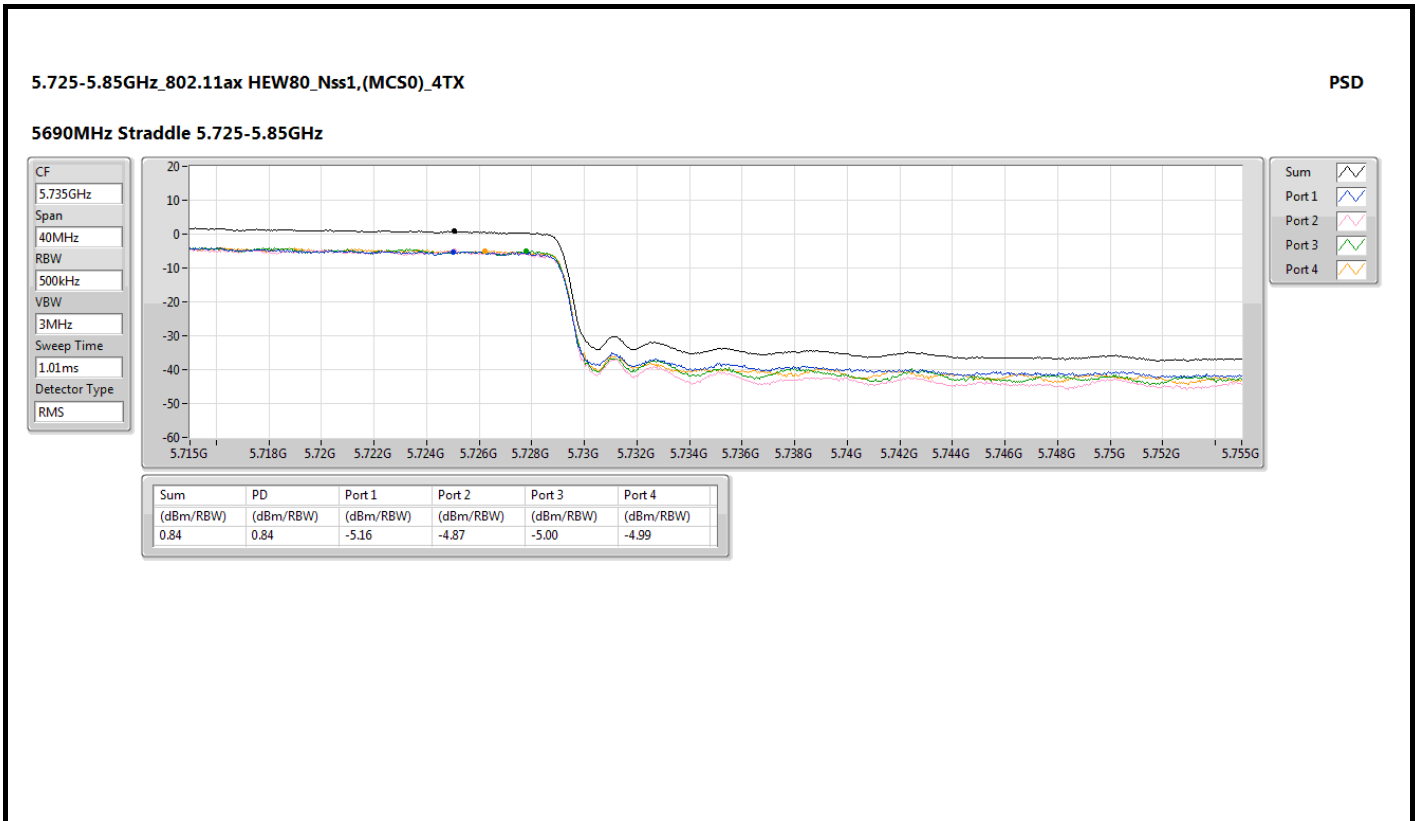


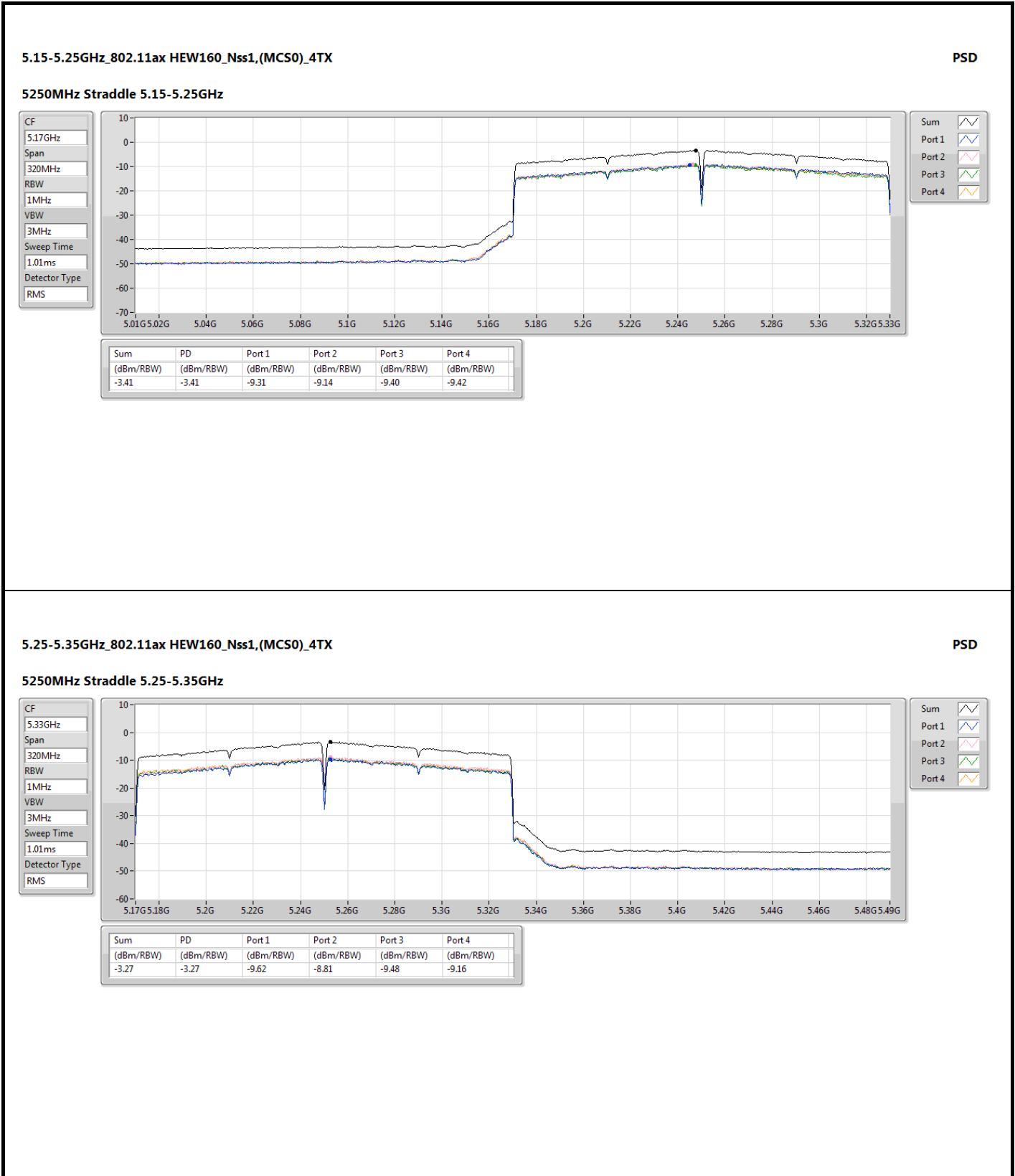


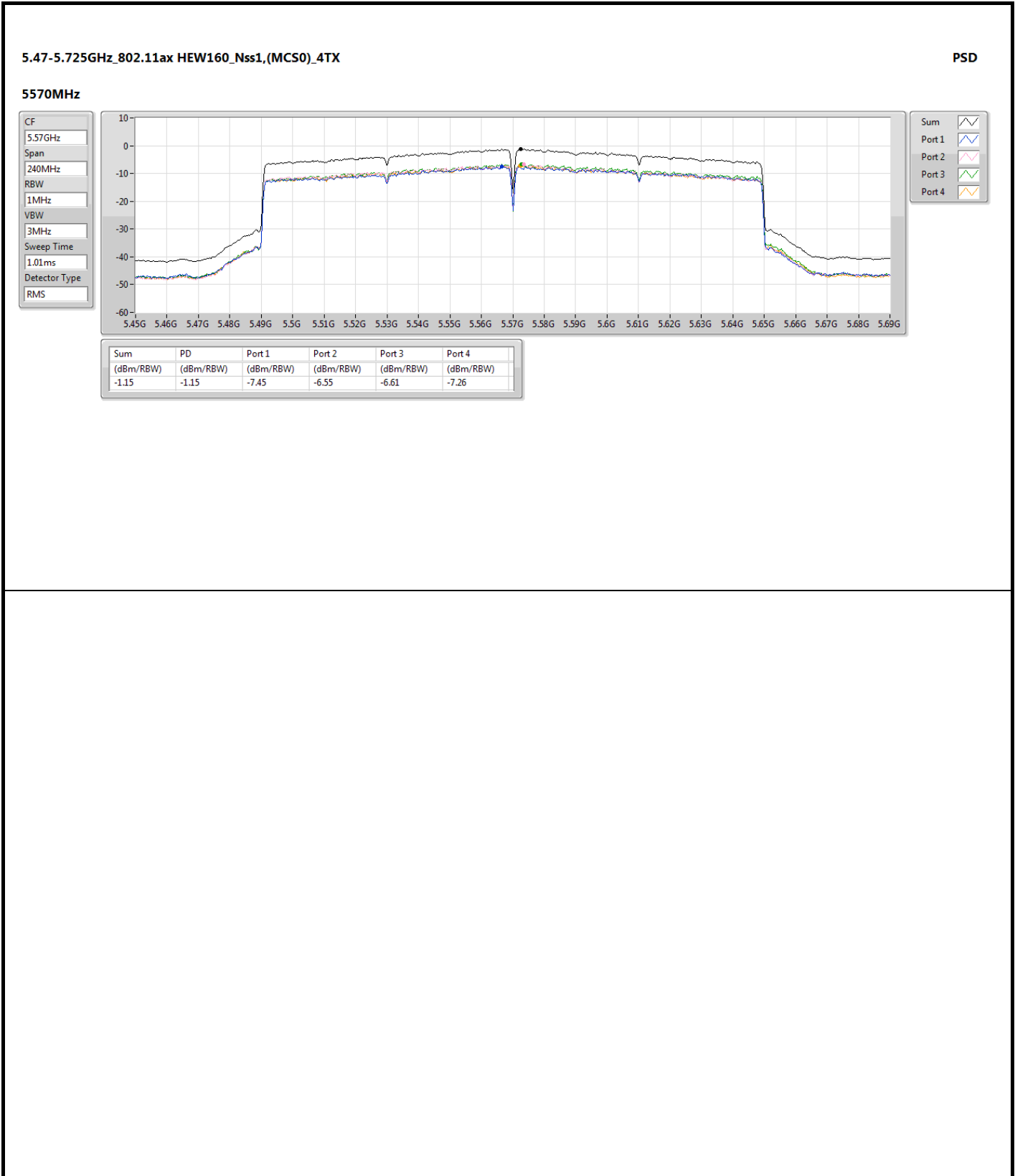














Beamforming mode

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.90	22.90
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	10.33	19.33
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.91	8.09
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-4.25	4.75
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.85	16.85
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.41	15.41
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	1.41	10.41
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-4.56	4.44
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.05	16.87
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.44	15.26
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.51	12.33
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	0.32	9.14
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.77	21.57
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	9.73	18.53
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.99	13.79

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