

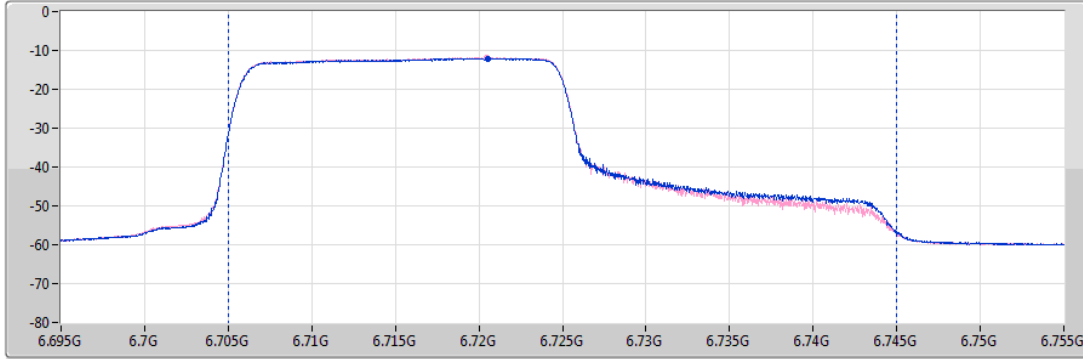


6.525-6.875GHz_802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX

AV Power

6725MHz_TX

CF
6.725GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
5ms
Detector Type
RMS
CP BW
40MHz



Port 1
Port 2

Sum=Total Power
PX=Port X

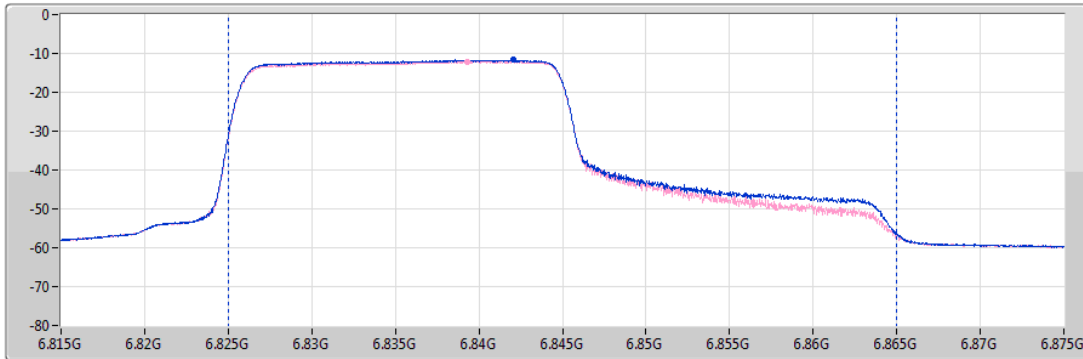
Sum(dBm)	P1(dBm)	P2(dBm)
2.91	-0.17	-0.04

6.525-6.875GHz_802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX

AV Power

6845MHz_TX

CF
6.845GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
5ms
Detector Type
RMS
CP BW
40MHz



Port 1
Port 2

Sum=Total Power
PX=Port X

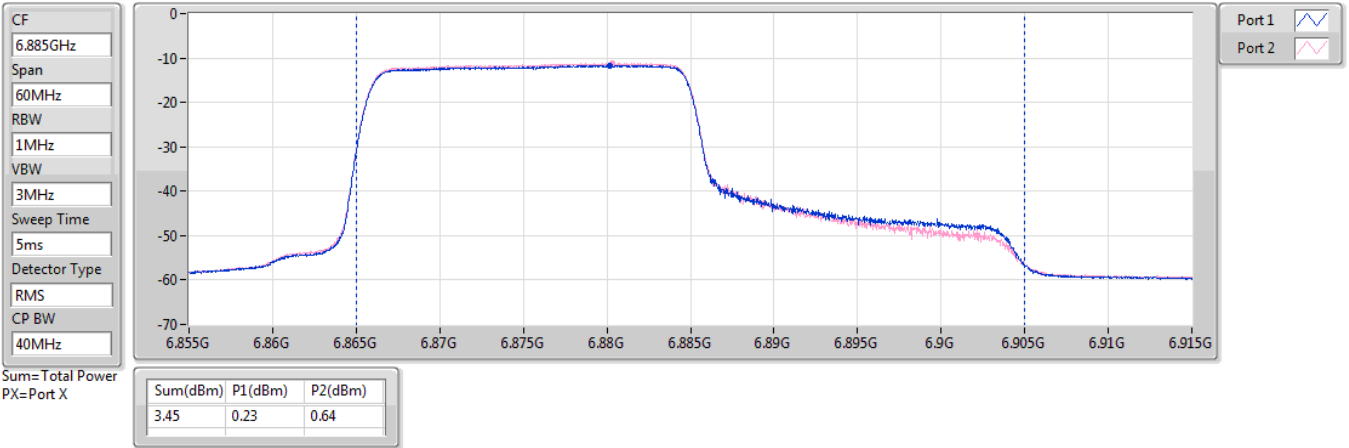
Sum(dBm)	P1(dBm)	P2(dBm)
2.98	0.16	-0.22



6.525-6.875GHz_802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX

AV Power

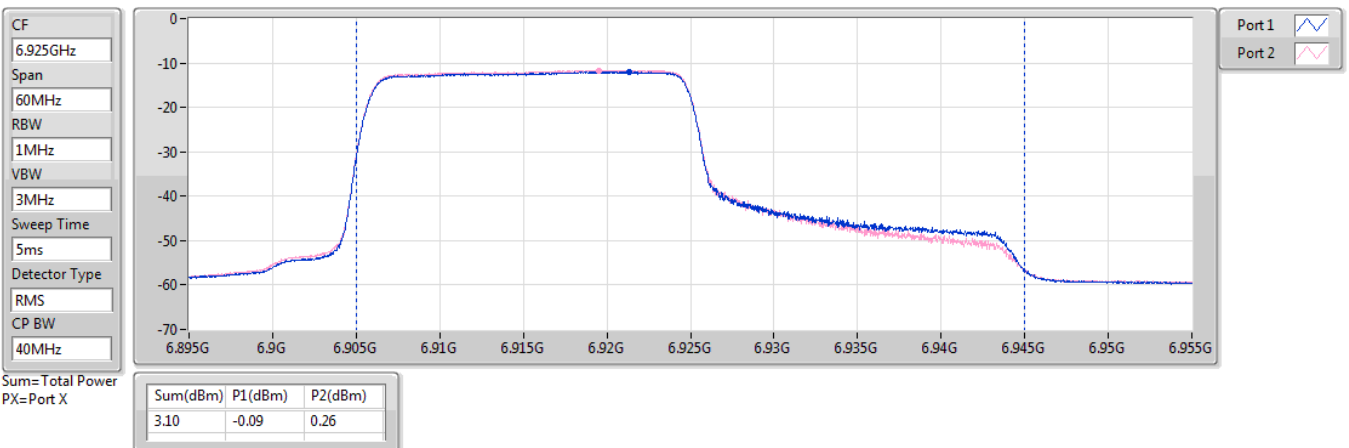
6885MHz Straddle 6.525-6.875GHz_TX



6.875-7.125GHz_802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX

AV Power

6925MHz TX



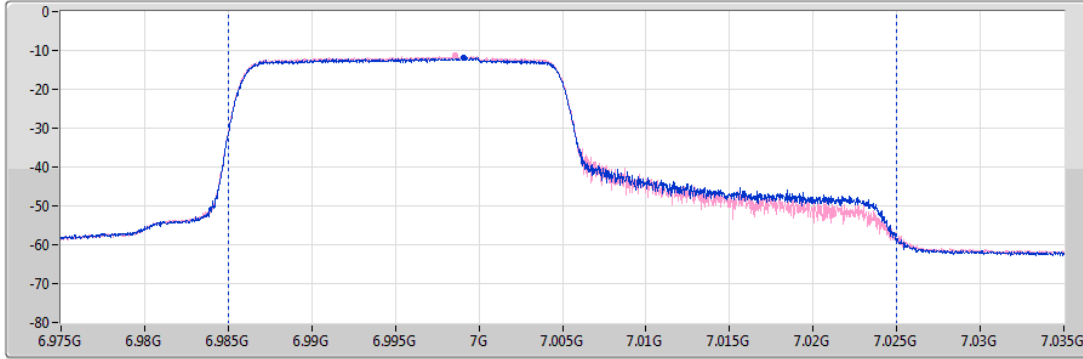


6.875-7.125GHz_802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX

AV Power

7005MHz_TX

- CF: 7.005GHz
- Span: 60MHz
- RBW: 1MHz
- VBW: 3MHz
- Sweep Time: 5ms
- Detector Type: RMS
- CP BW: 40MHz



- Port 1
- Port 2

Sum=Total Power
PX=Port X

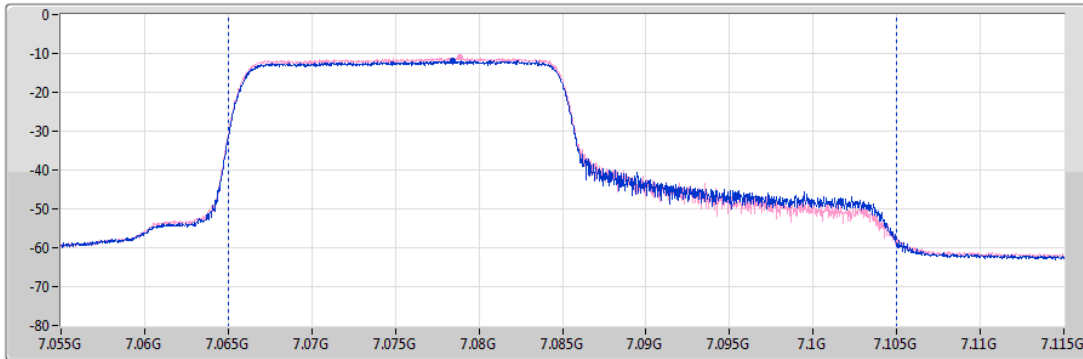
Sum(dBm)	P1(dBm)	P2(dBm)
2.89	-0.32	0.07

6.875-7.125GHz_802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX

AV Power

7085MHz_TX

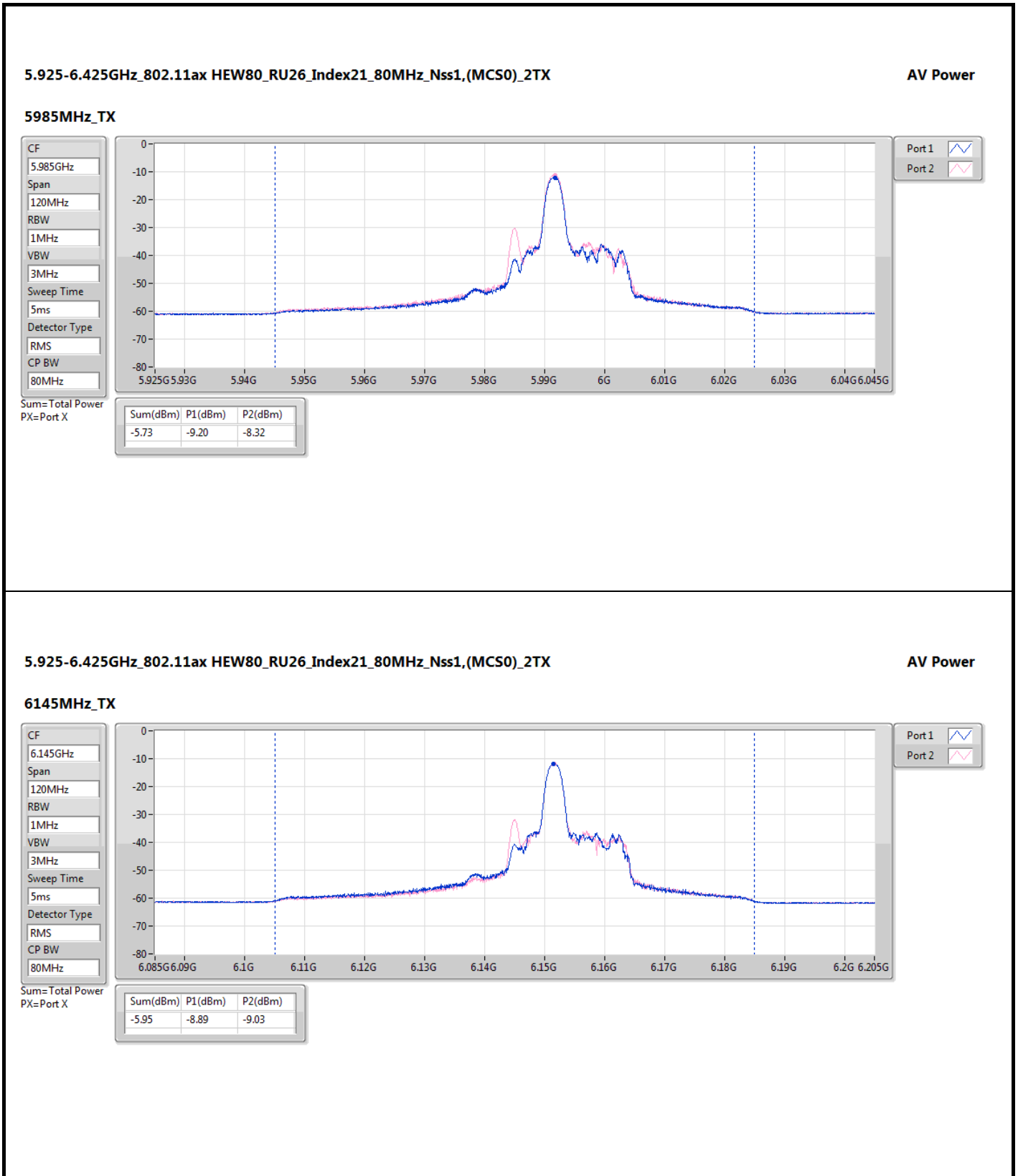
- CF: 7.085GHz
- Span: 60MHz
- RBW: 1MHz
- VBW: 3MHz
- Sweep Time: 5ms
- Detector Type: RMS
- CP BW: 40MHz

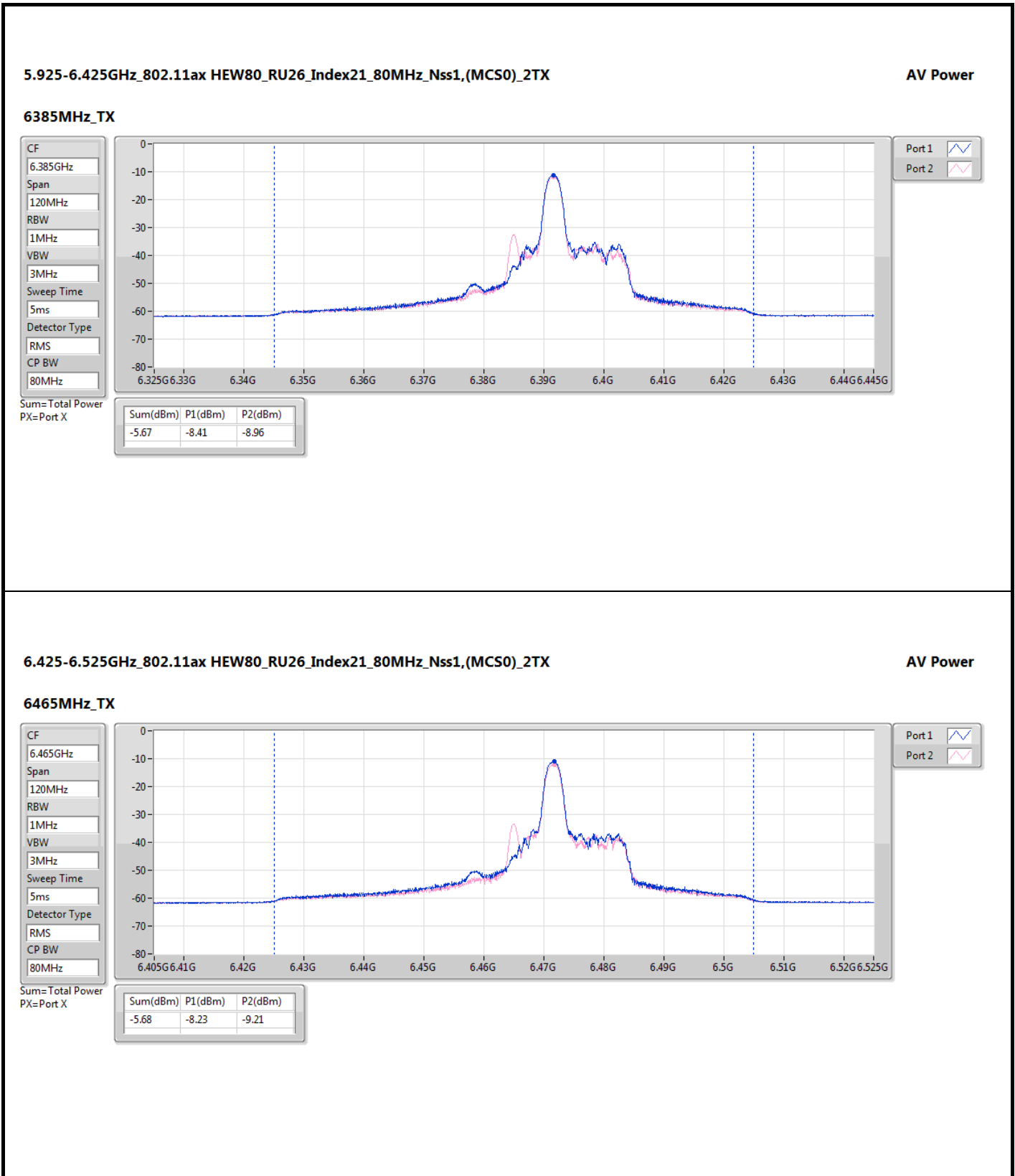


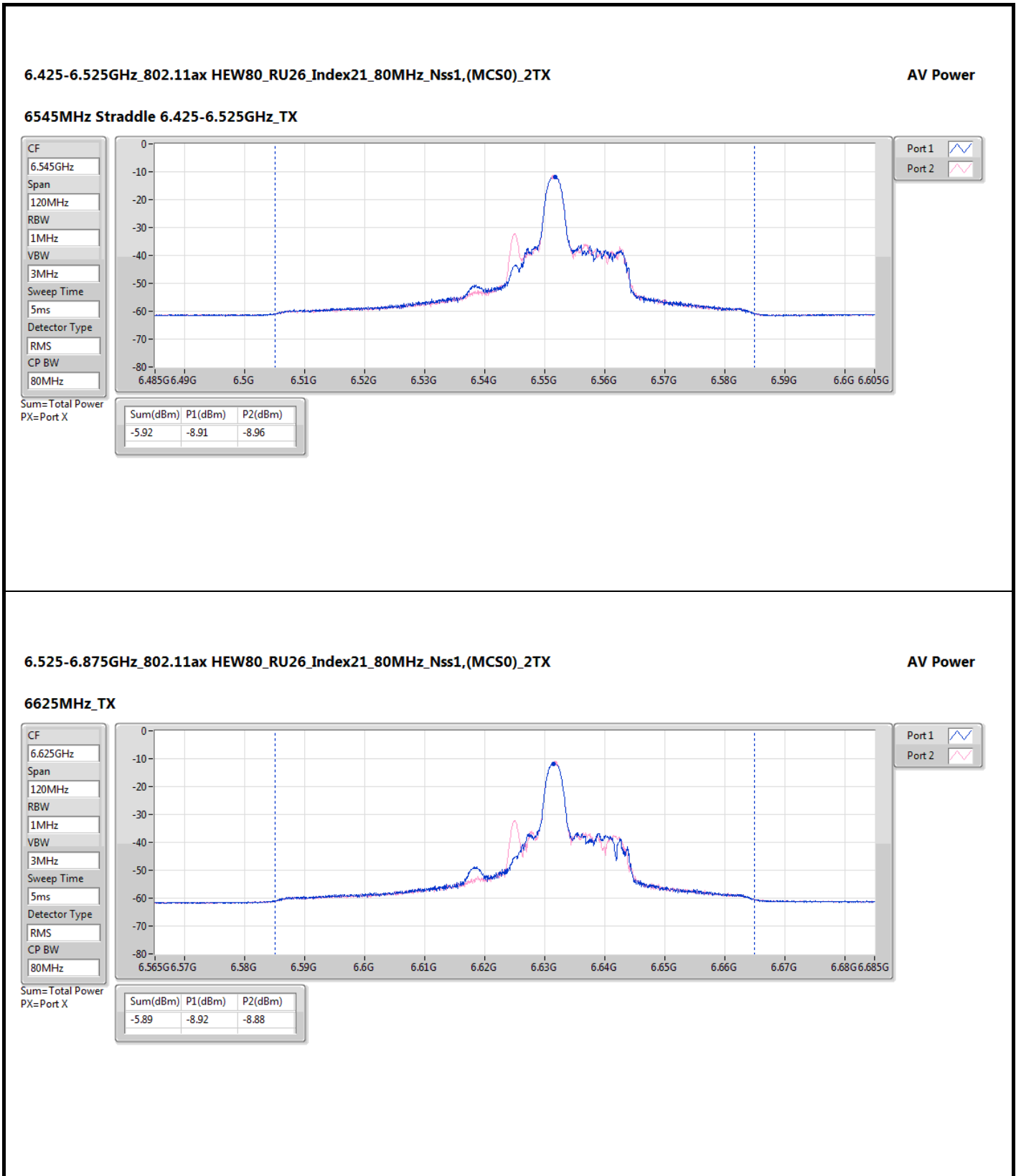
- Port 1
- Port 2

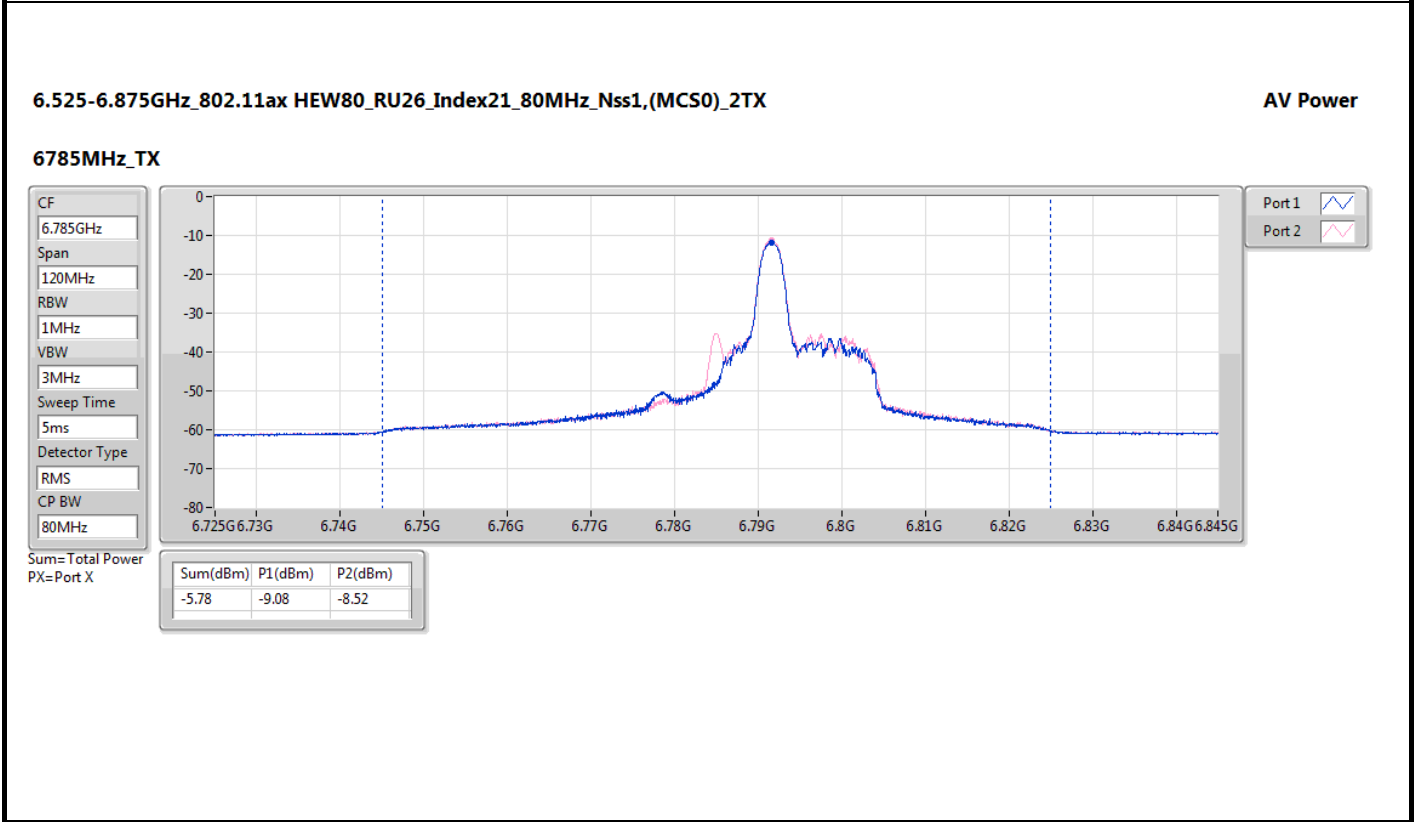
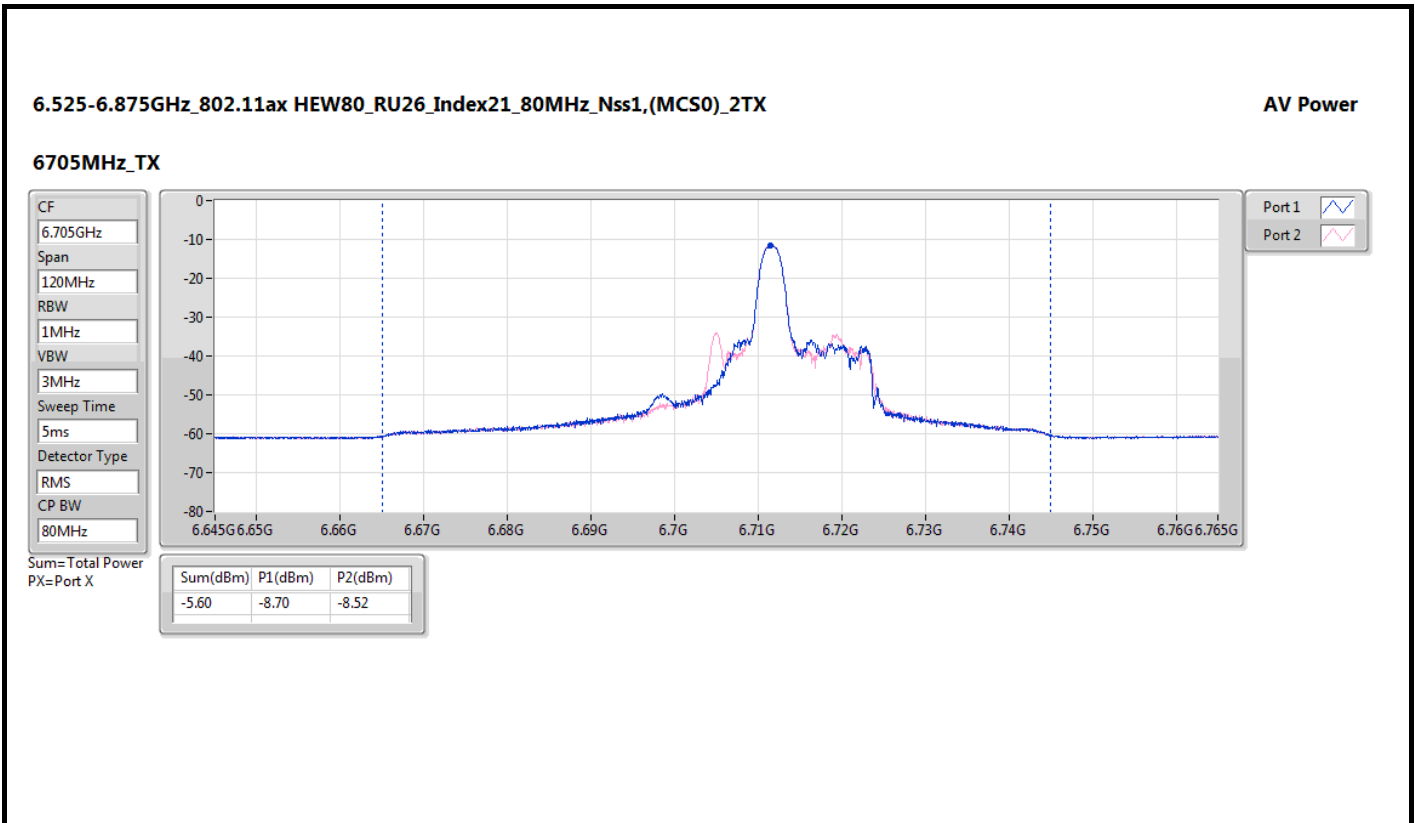
Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
3.20	-0.19	0.53







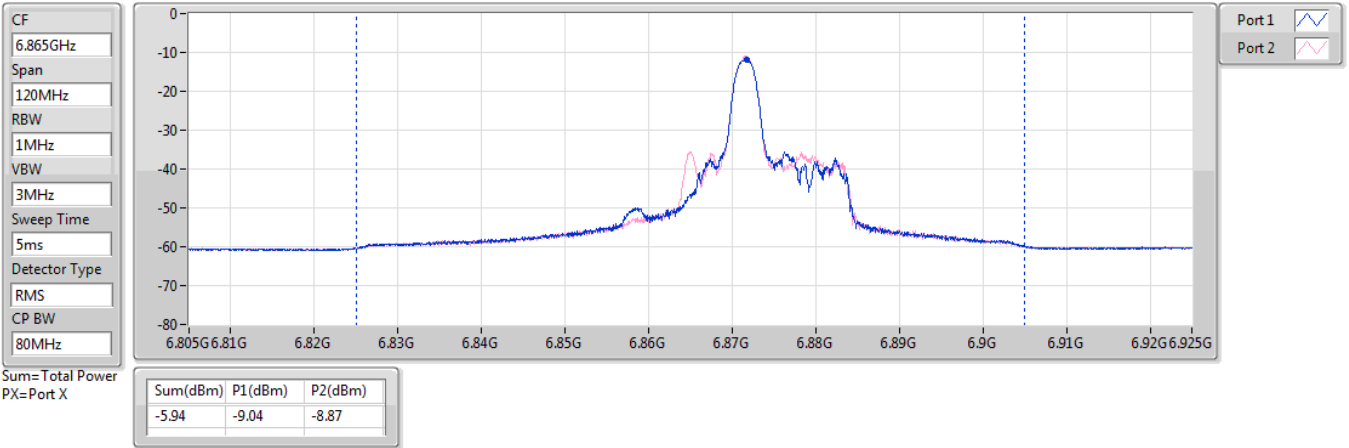




6.525-6.875GHz_802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX

AV Power

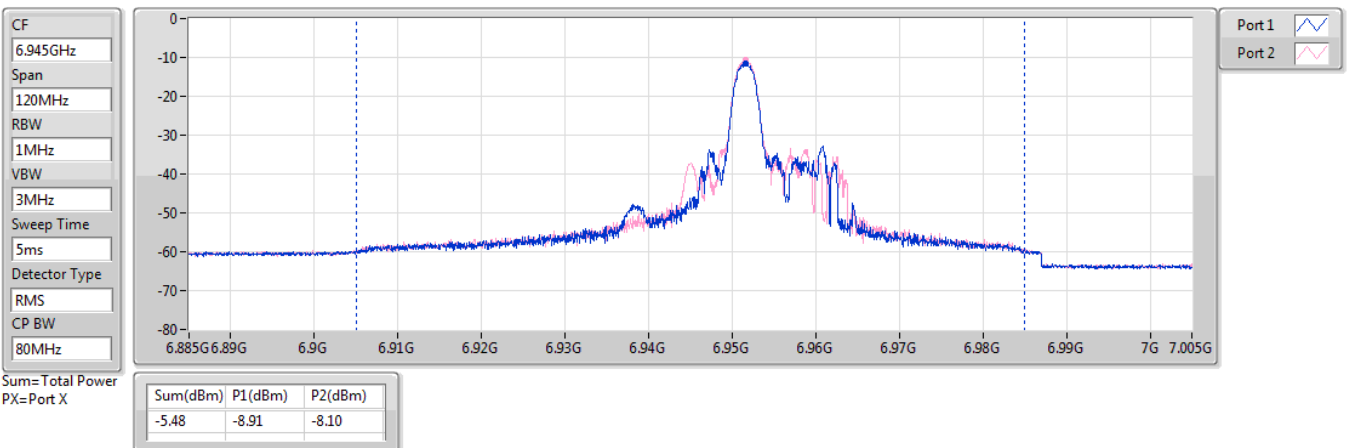
6865MHz Straddle 6.525-6.875GHz_TX

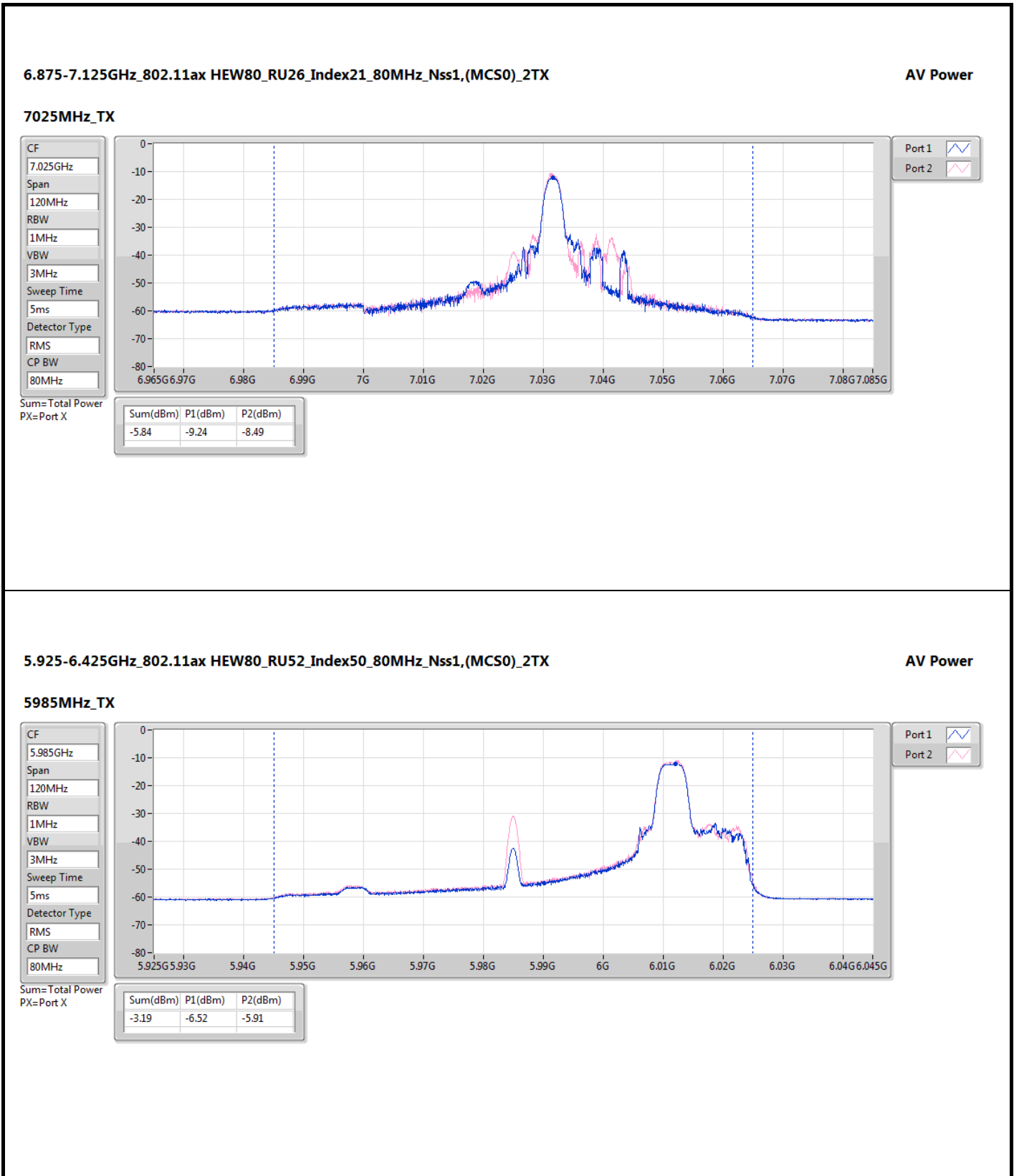


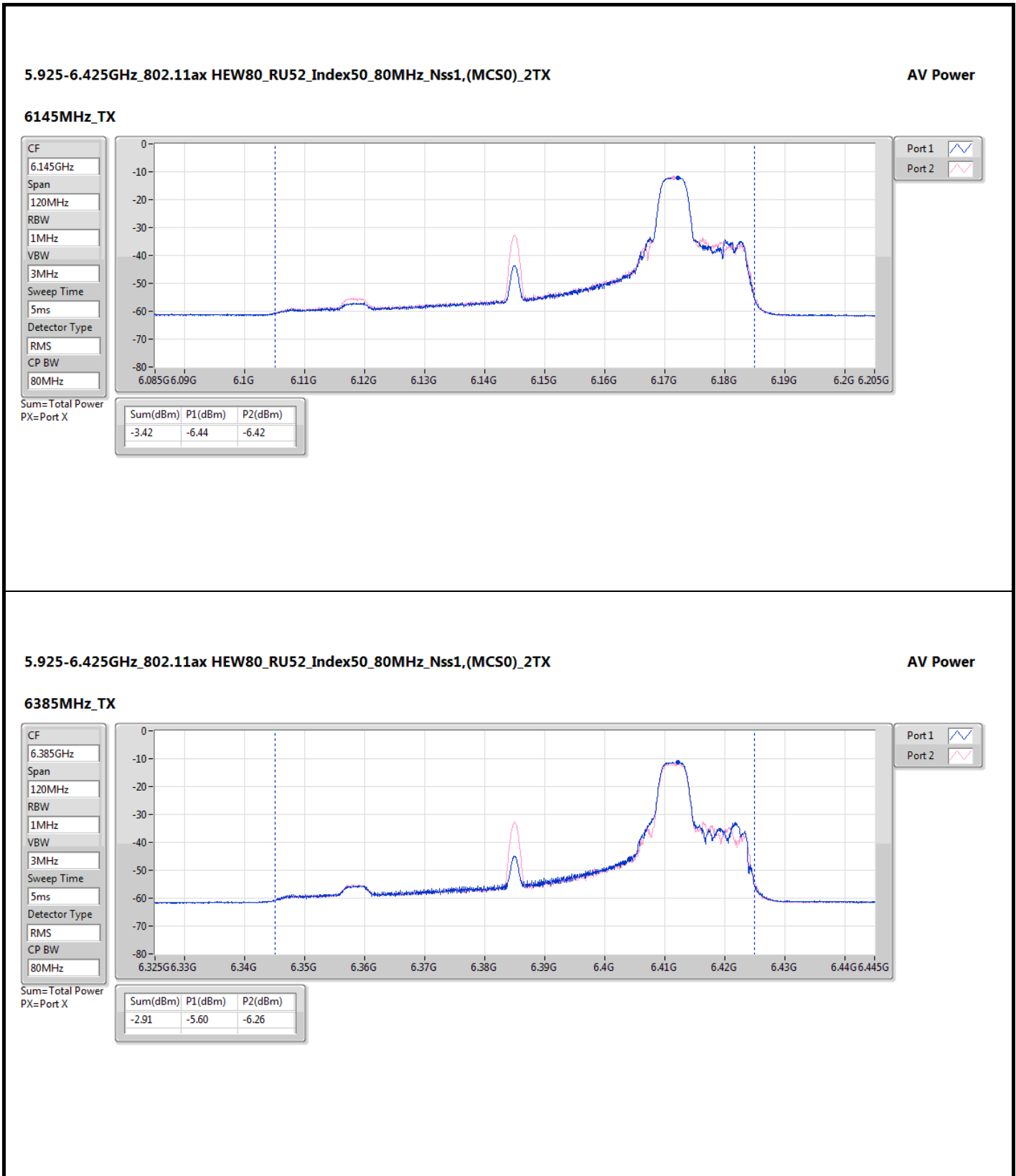
6.875-7.125GHz_802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX

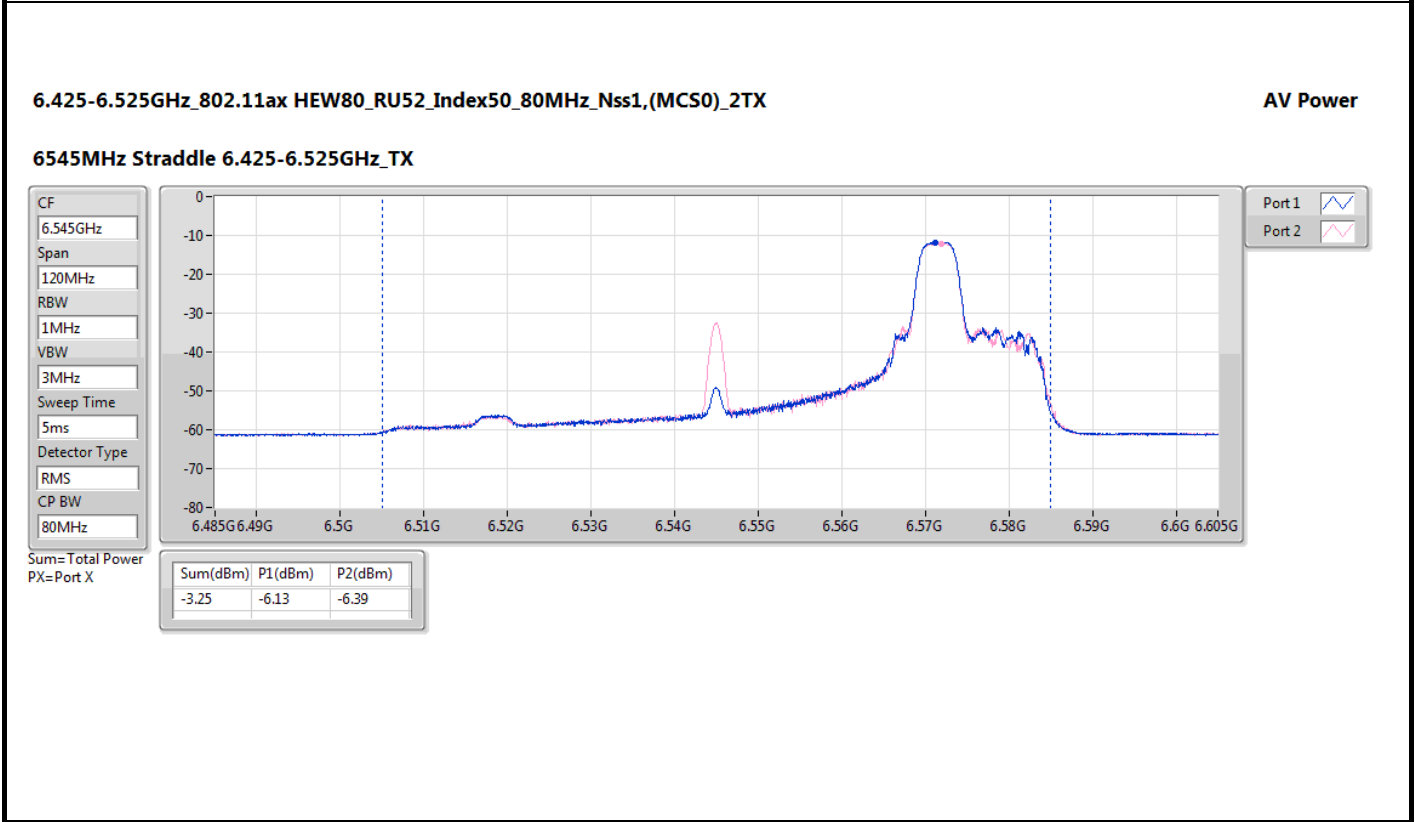
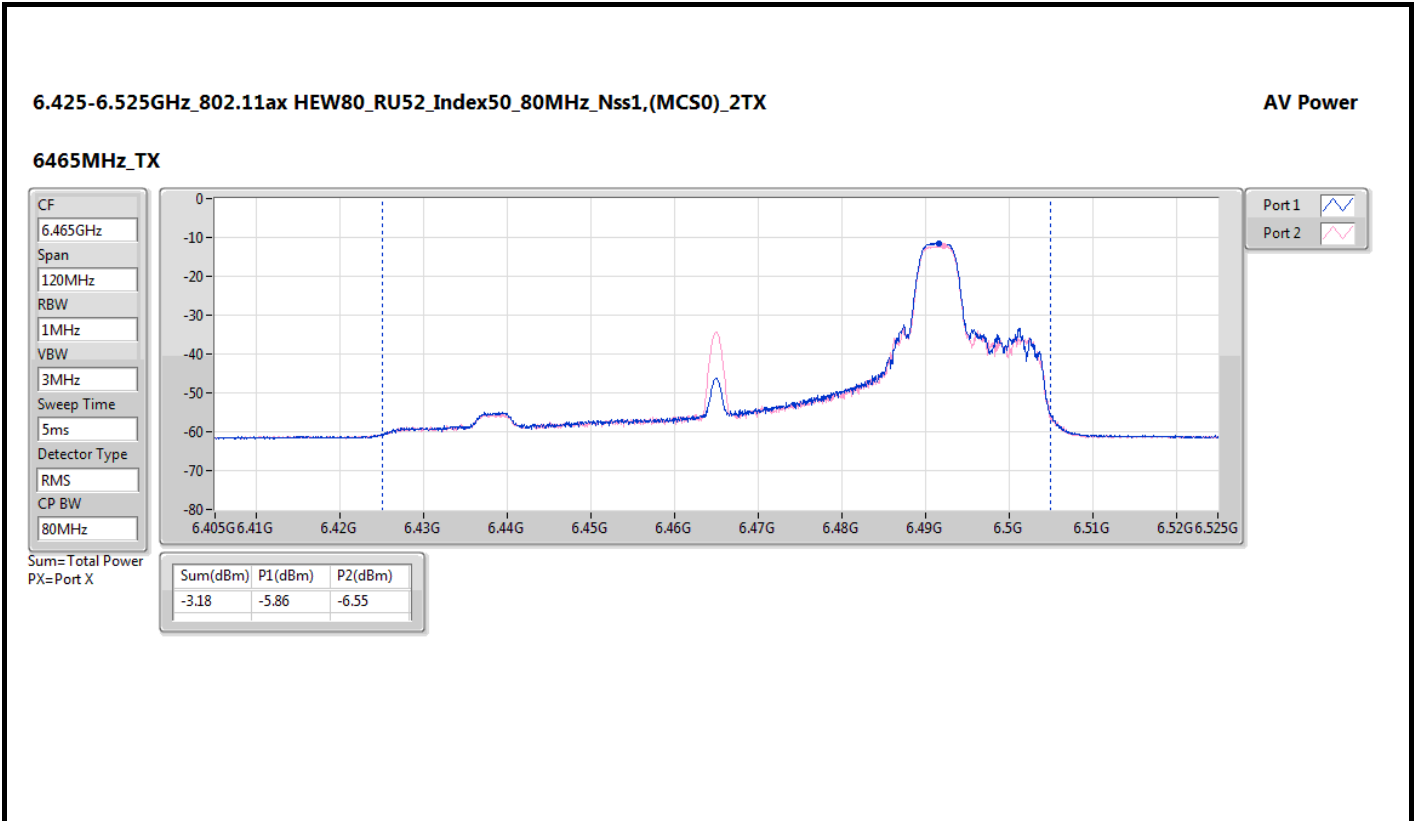
AV Power

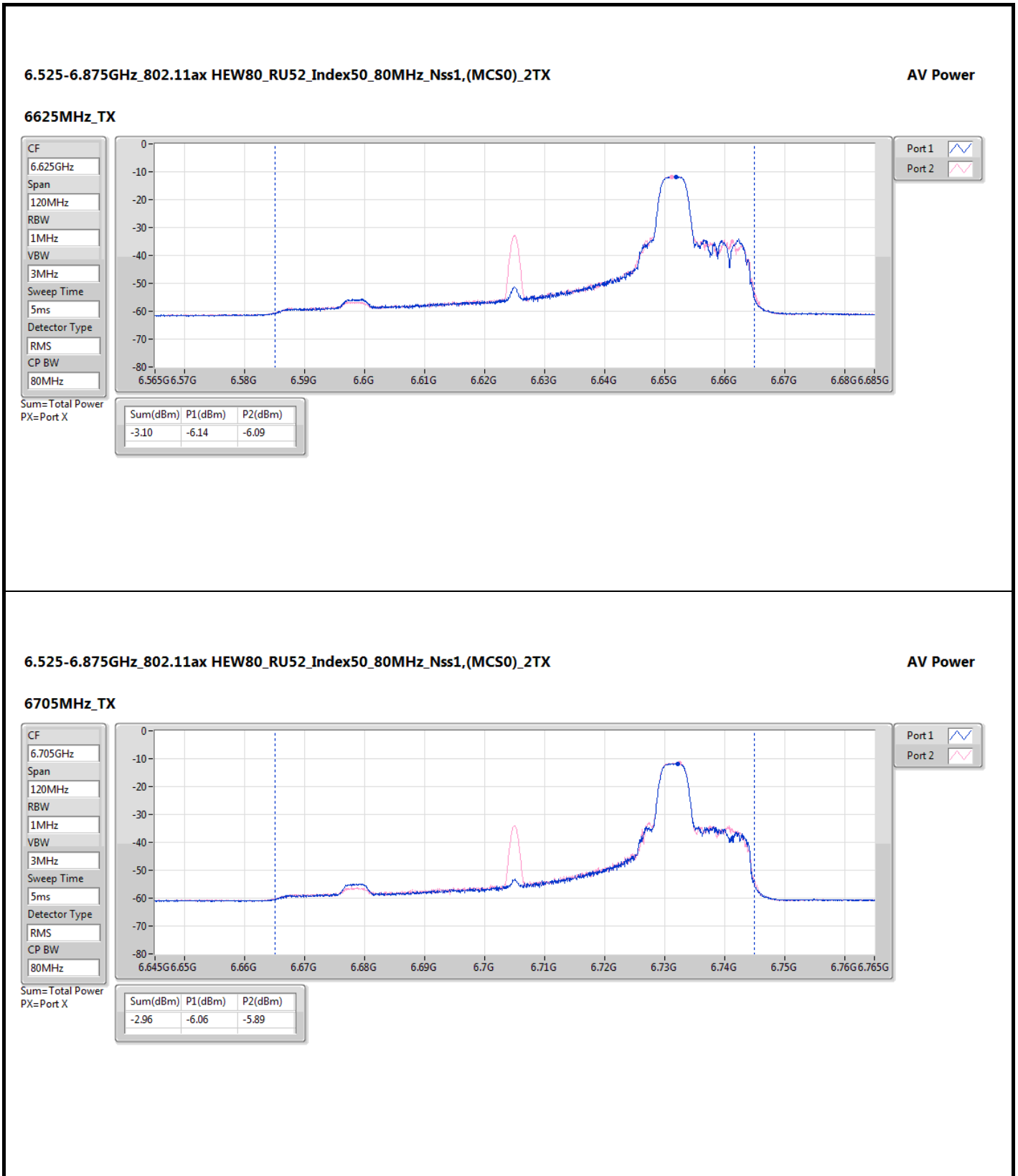
6945MHz_TX

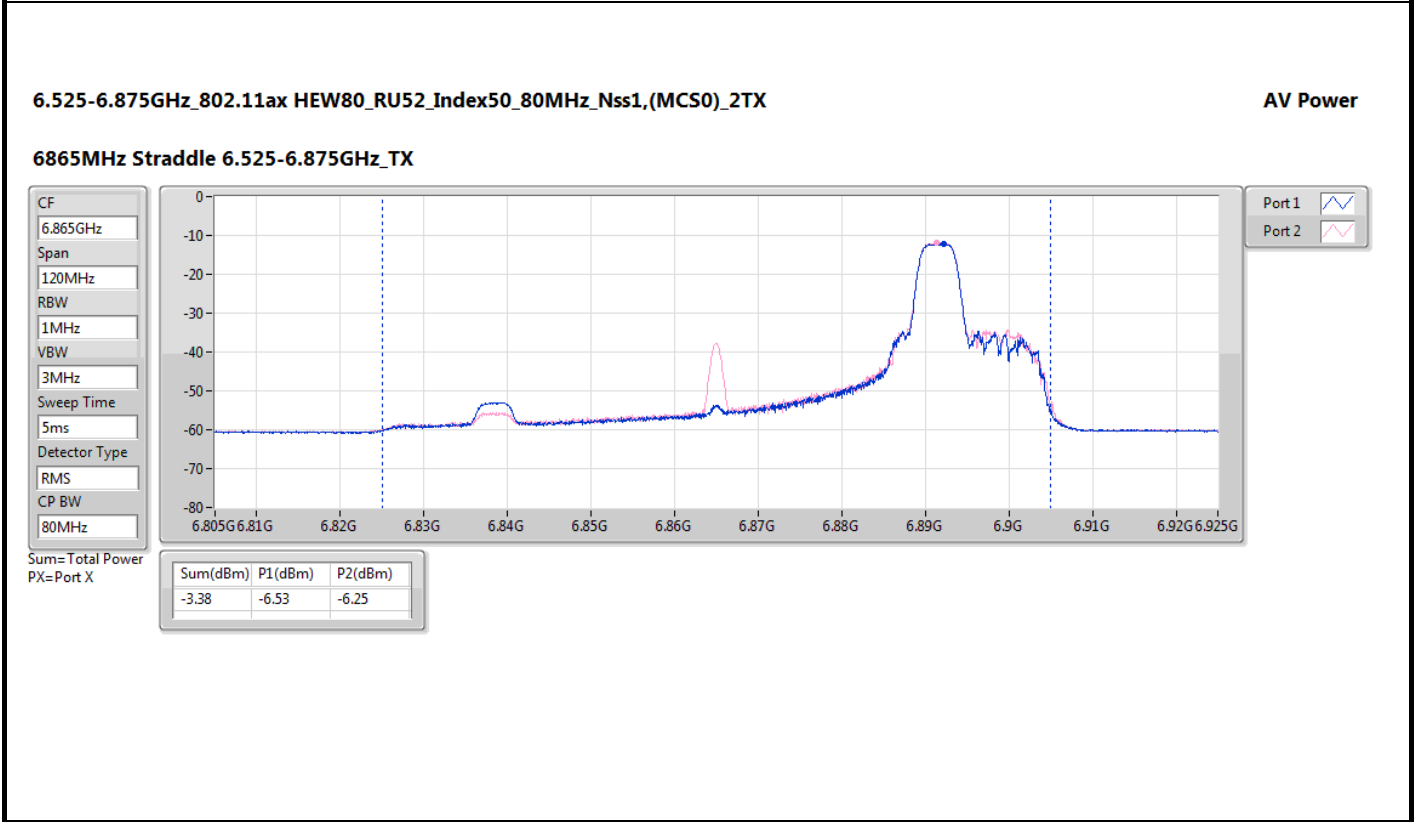
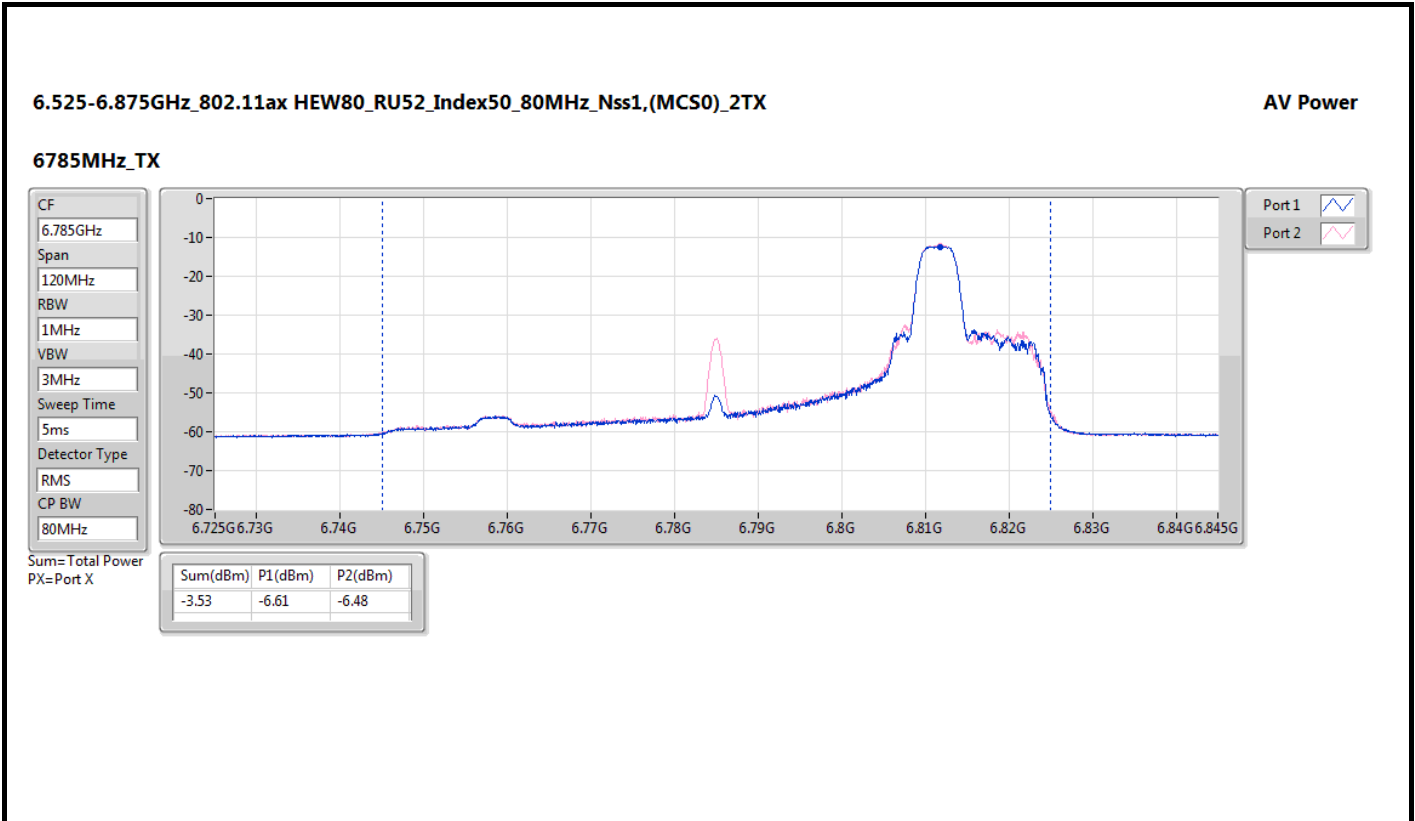










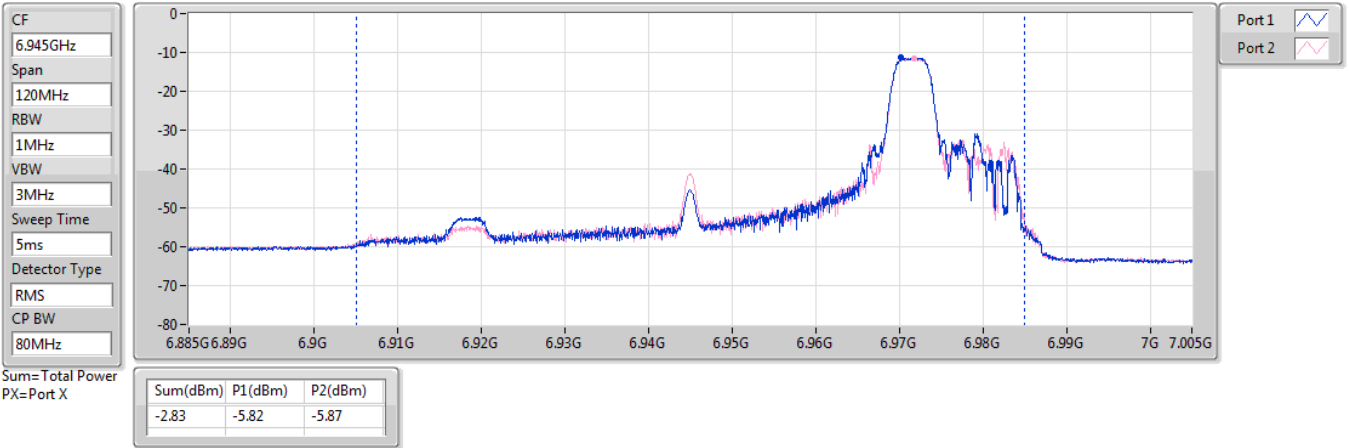




6.875-7.125GHz_802.11ax HEW80_RU52_Index50_80MHz_Nss1,(MCS0)_2TX

AV Power

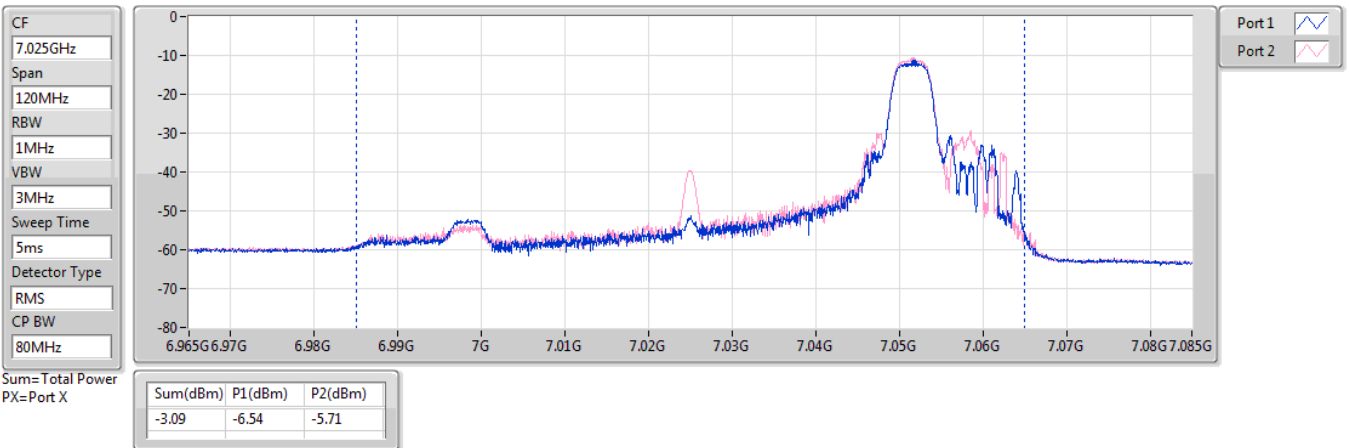
6945MHz_TX

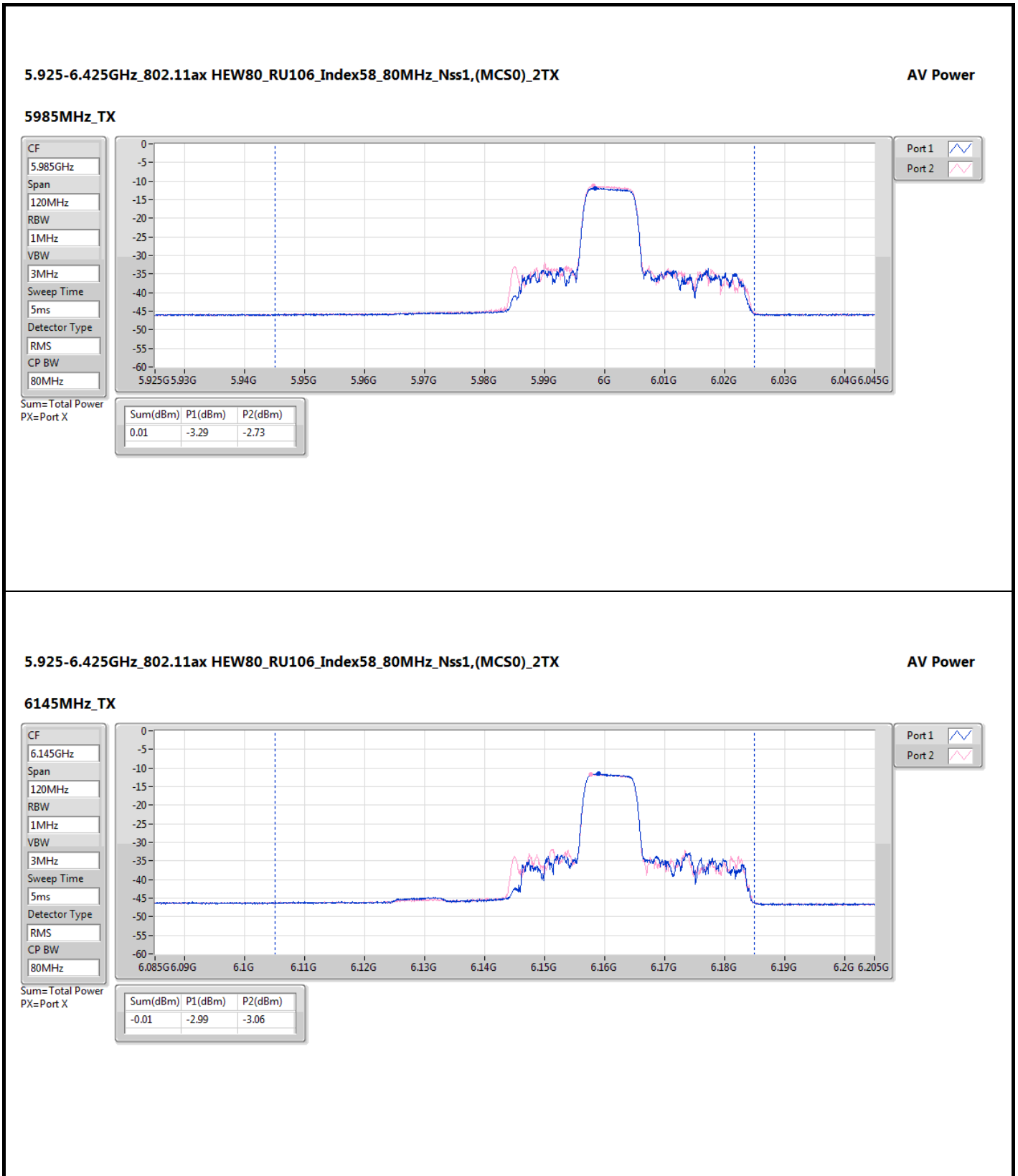


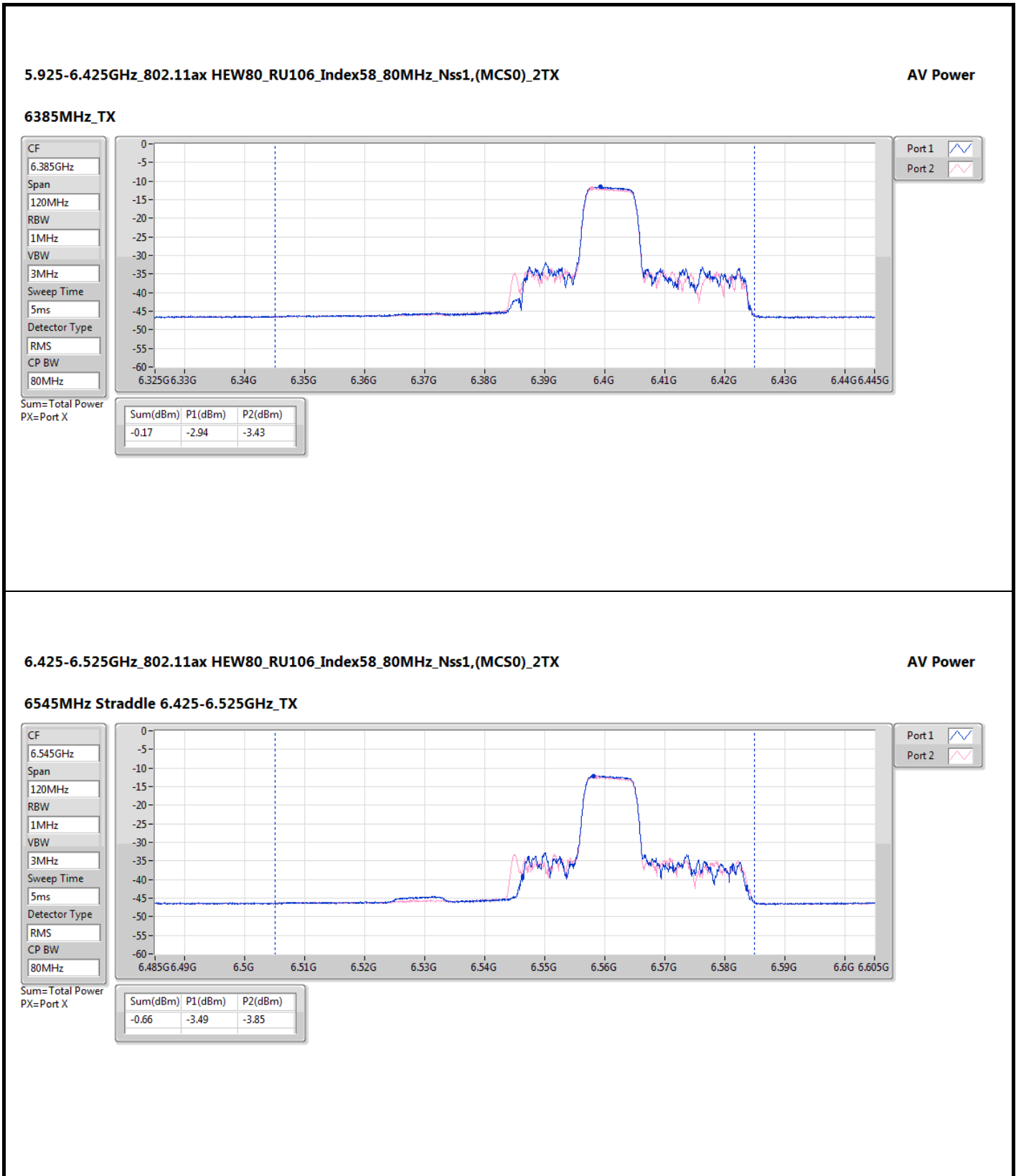
6.875-7.125GHz_802.11ax HEW80_RU52_Index50_80MHz_Nss1,(MCS0)_2TX

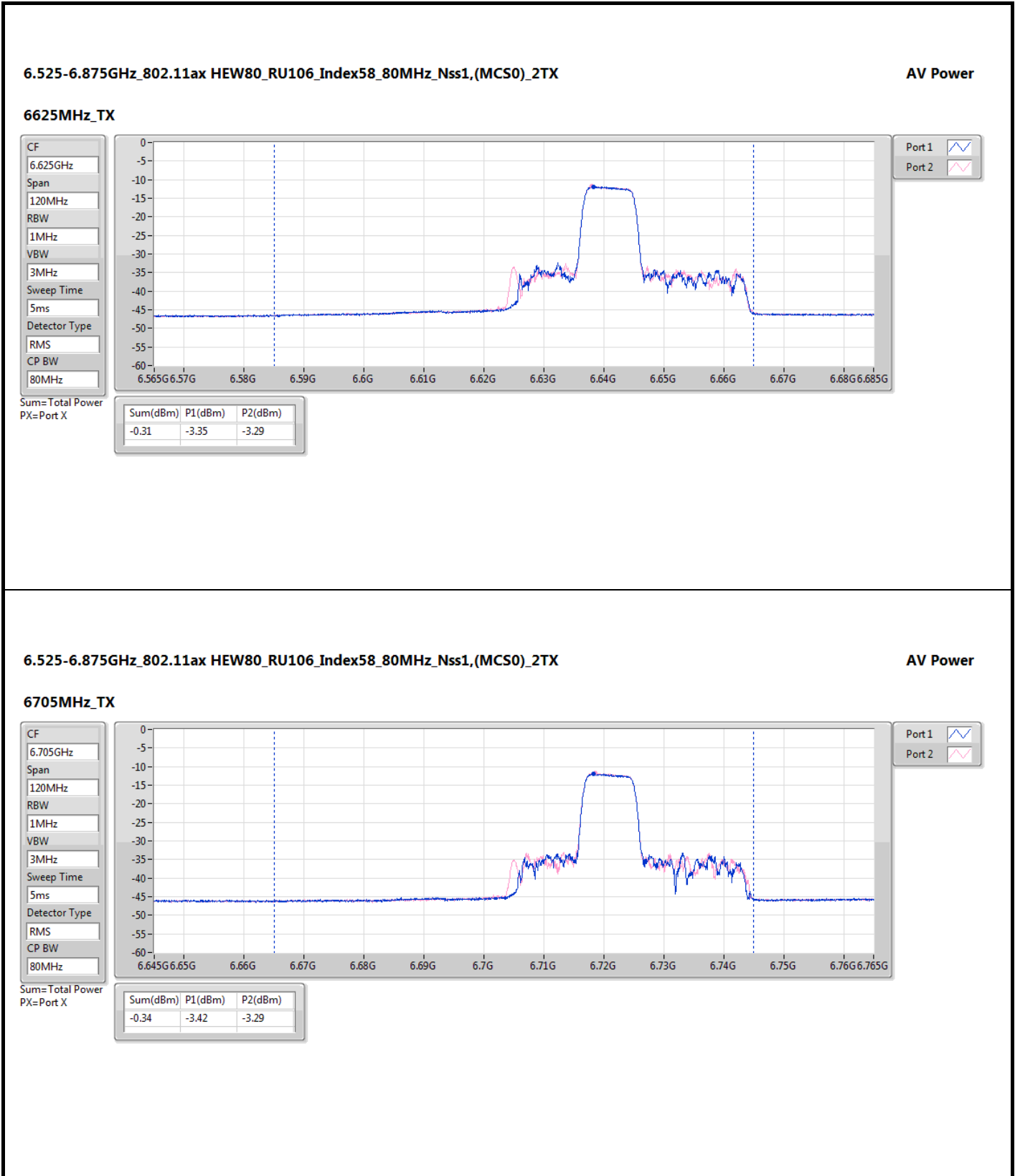
AV Power

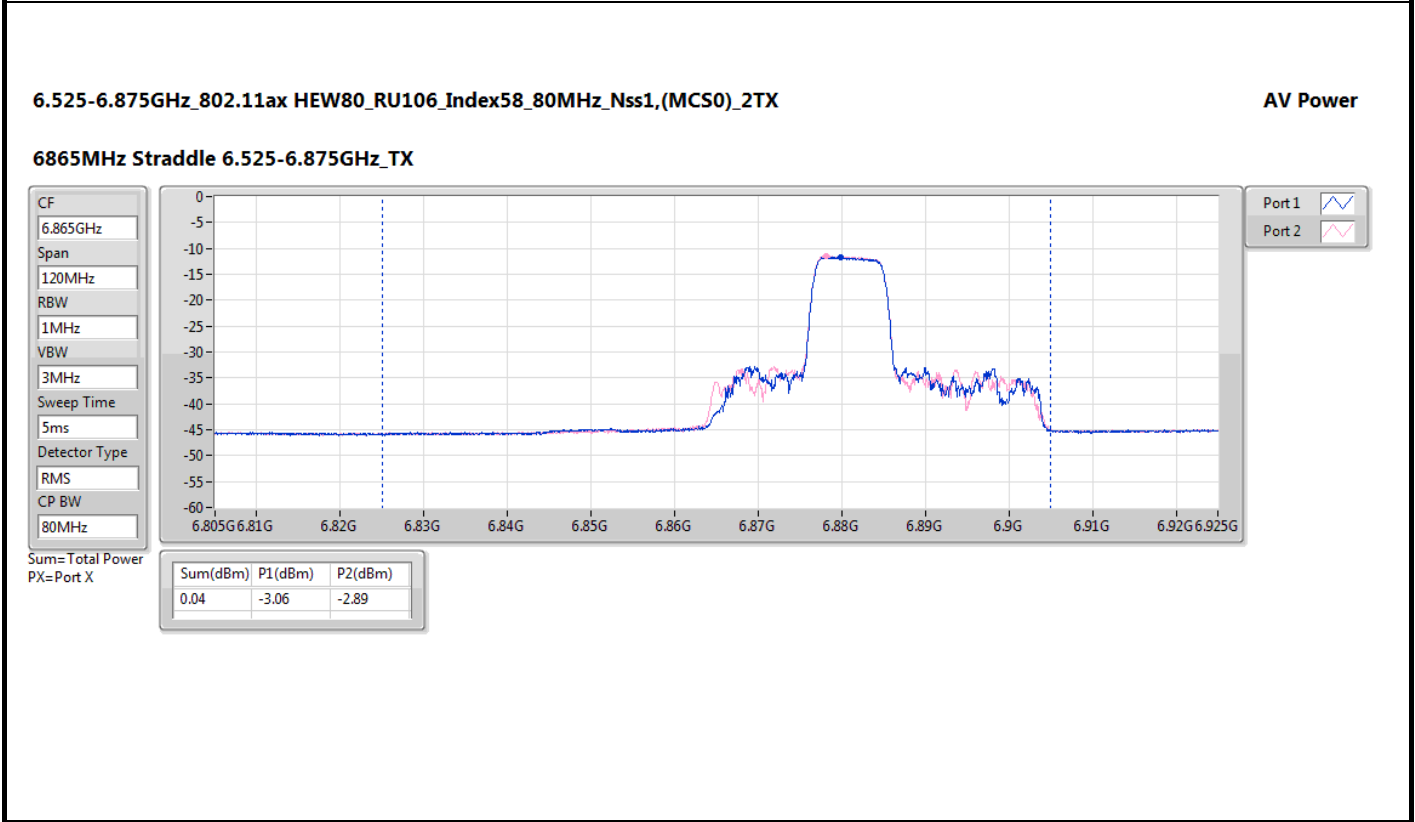
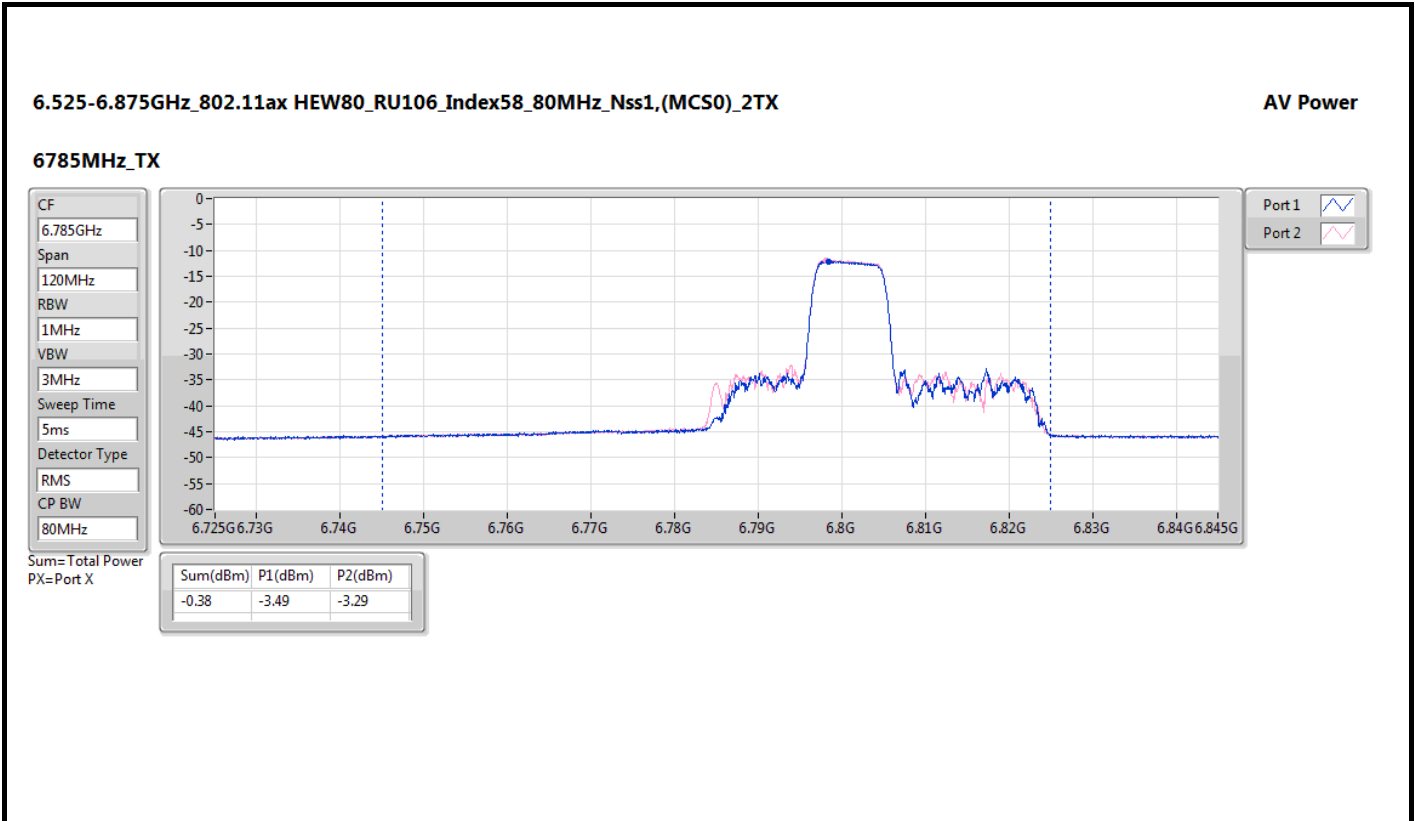
7025MHz_TX









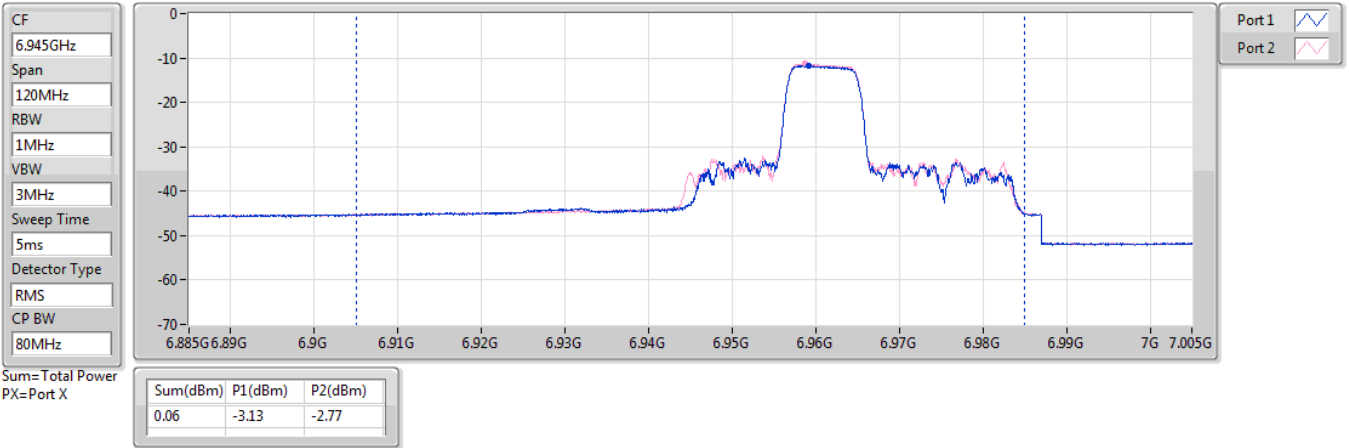




6.875-7.125GHz_802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX

AV Power

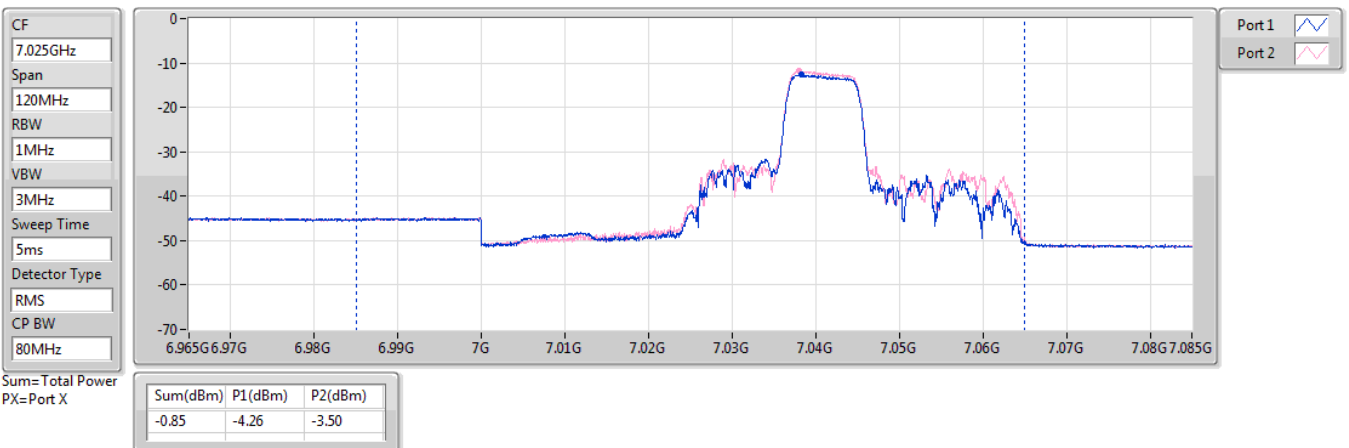
6945MHz_TX

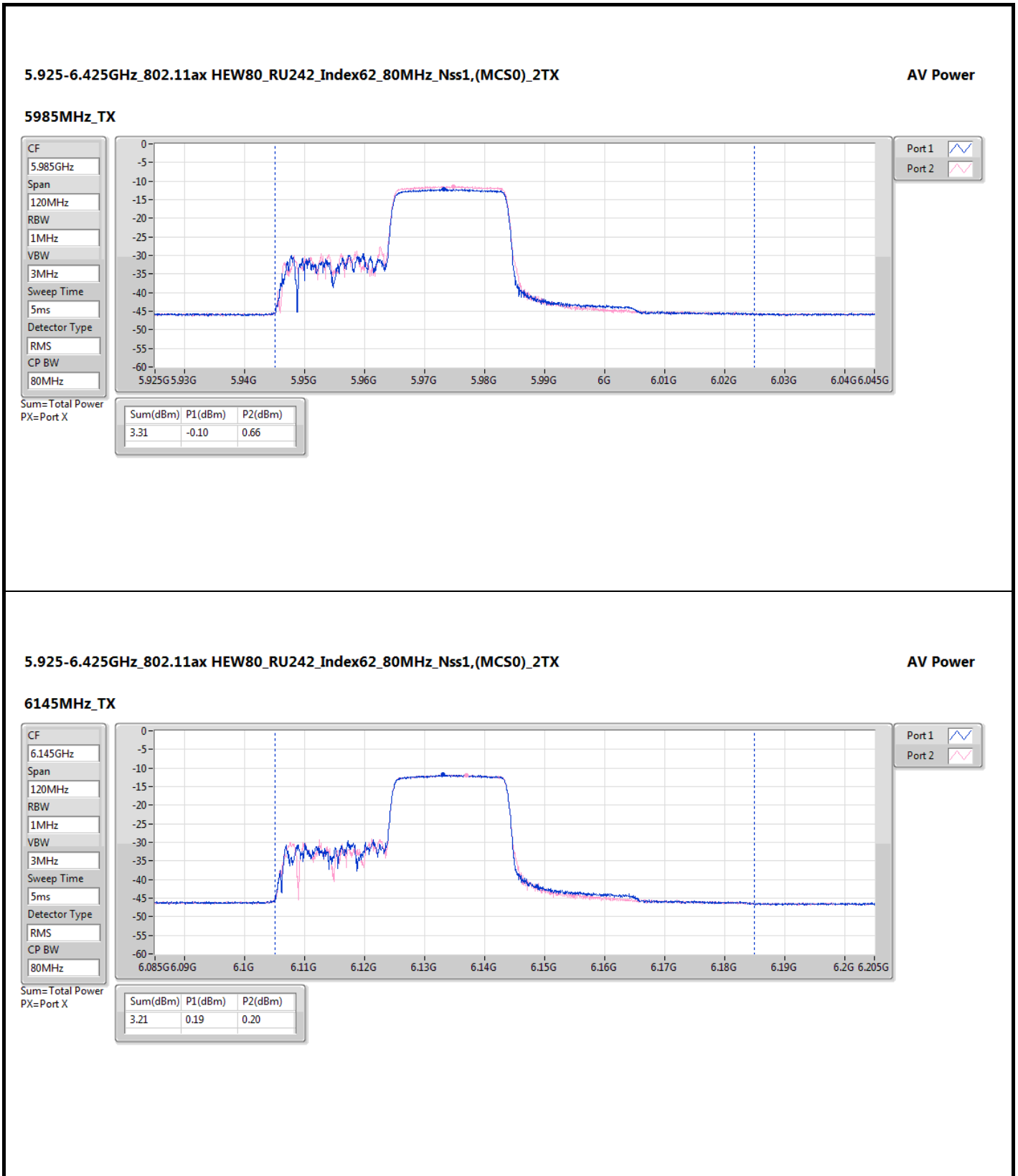


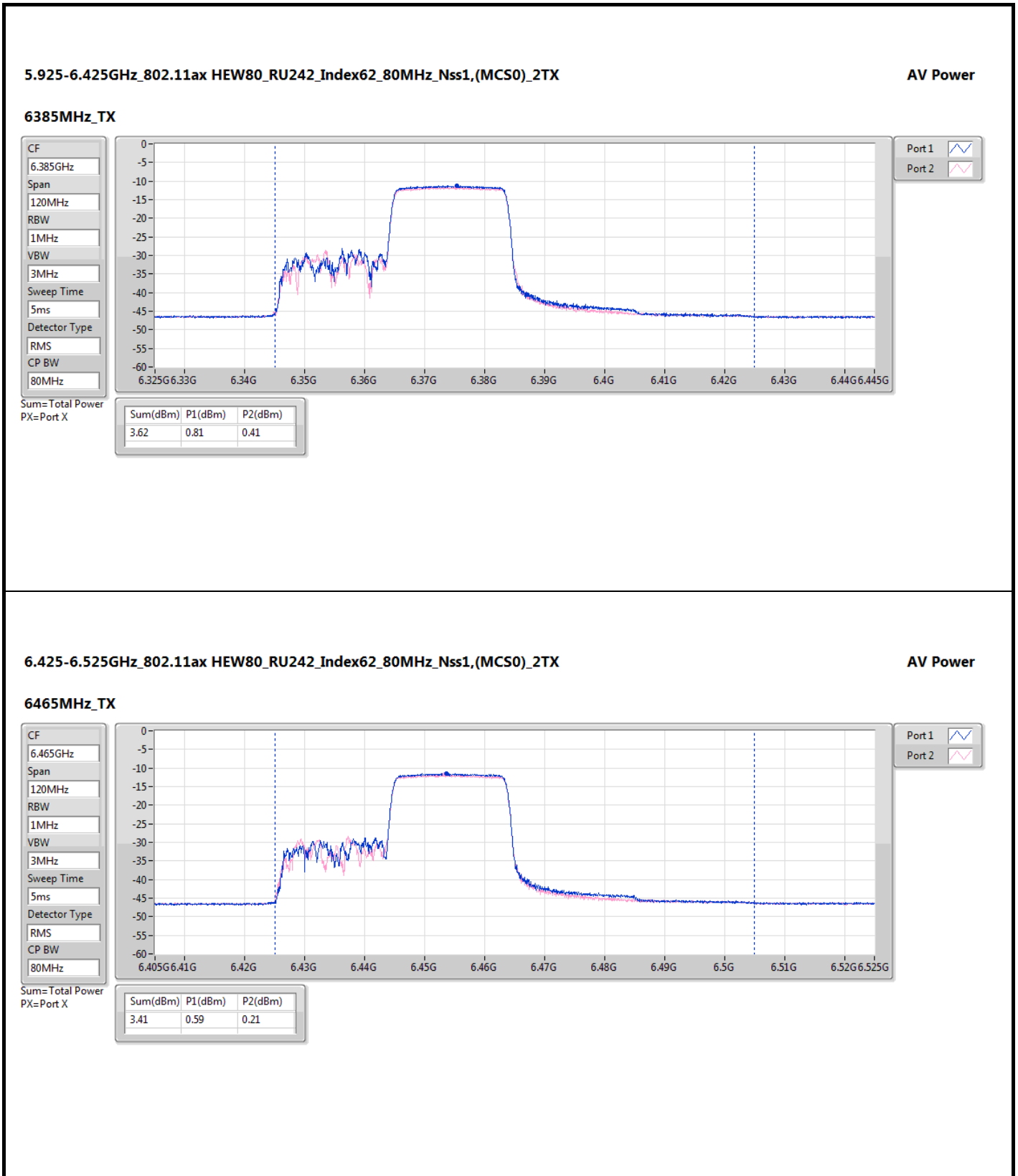
6.875-7.125GHz_802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX

AV Power

7025MHz_TX





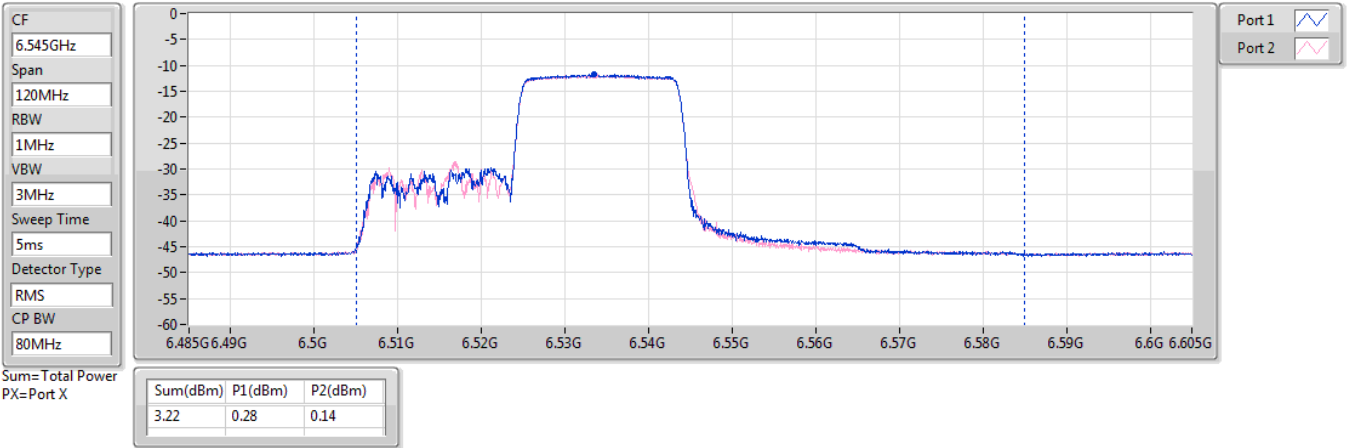




6.425-6.525GHz_802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX

AV Power

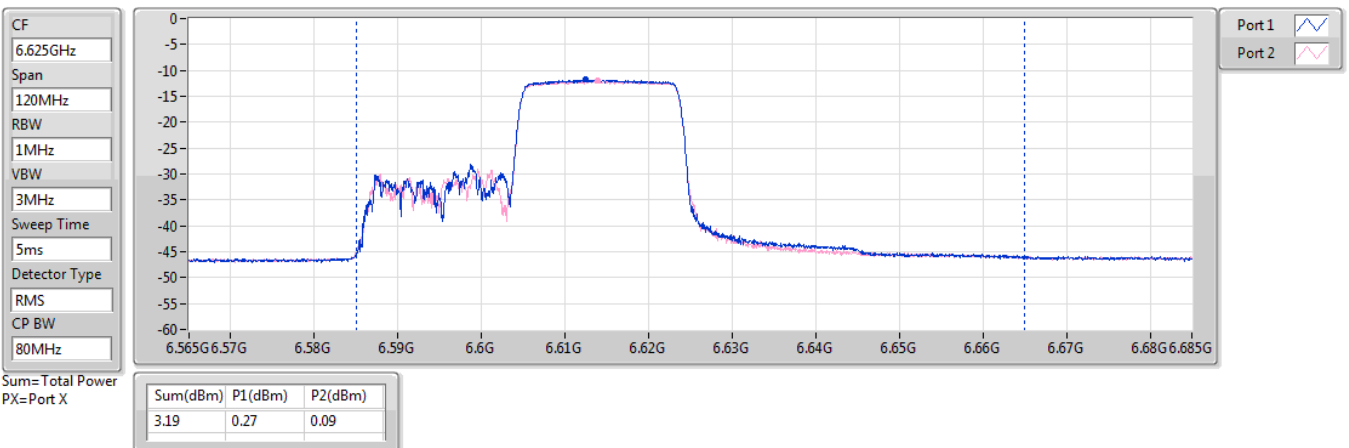
6545MHz Straddle 6.425-6.525GHz_TX

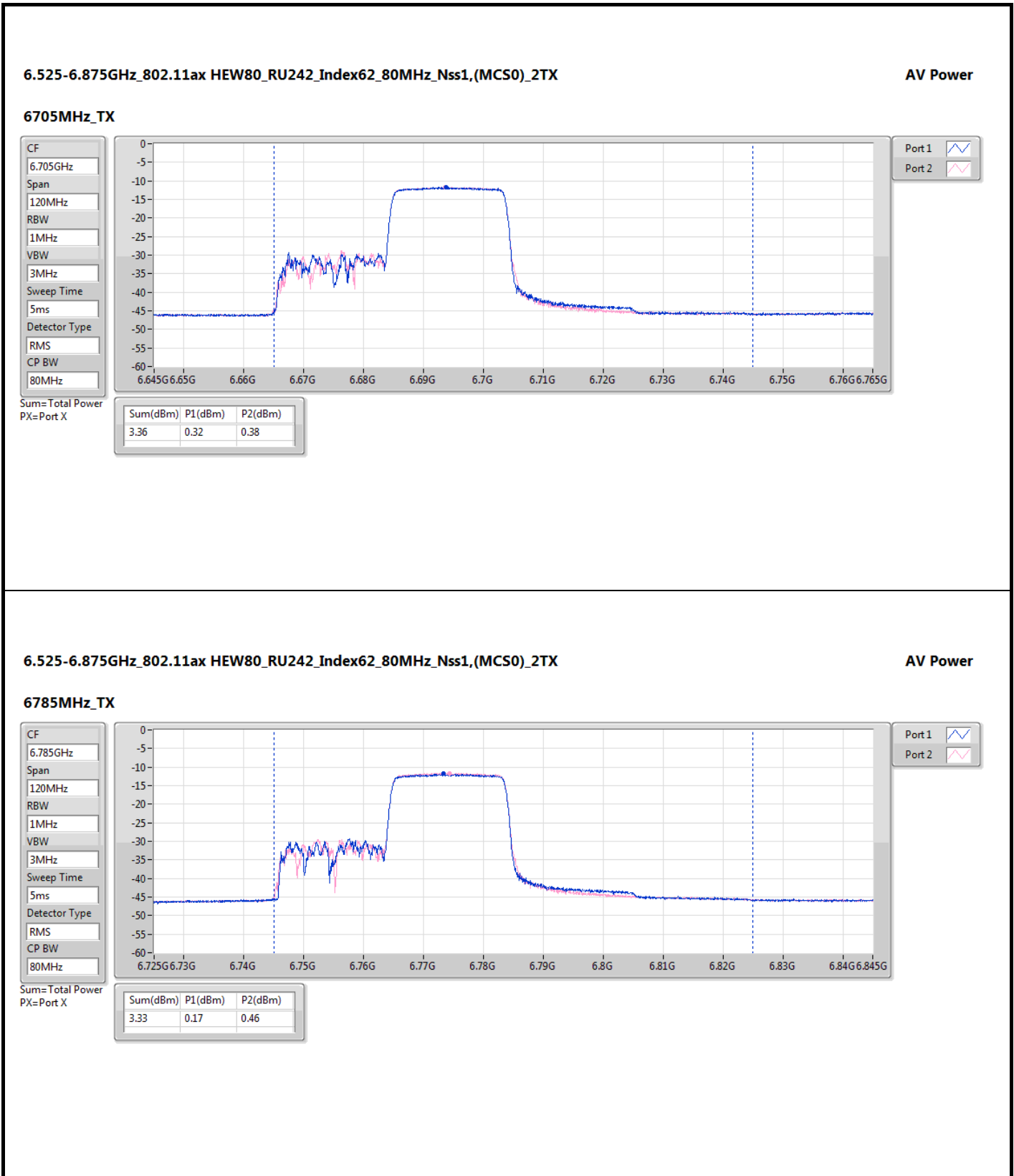


6.525-6.875GHz_802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX

AV Power

6625MHz TX



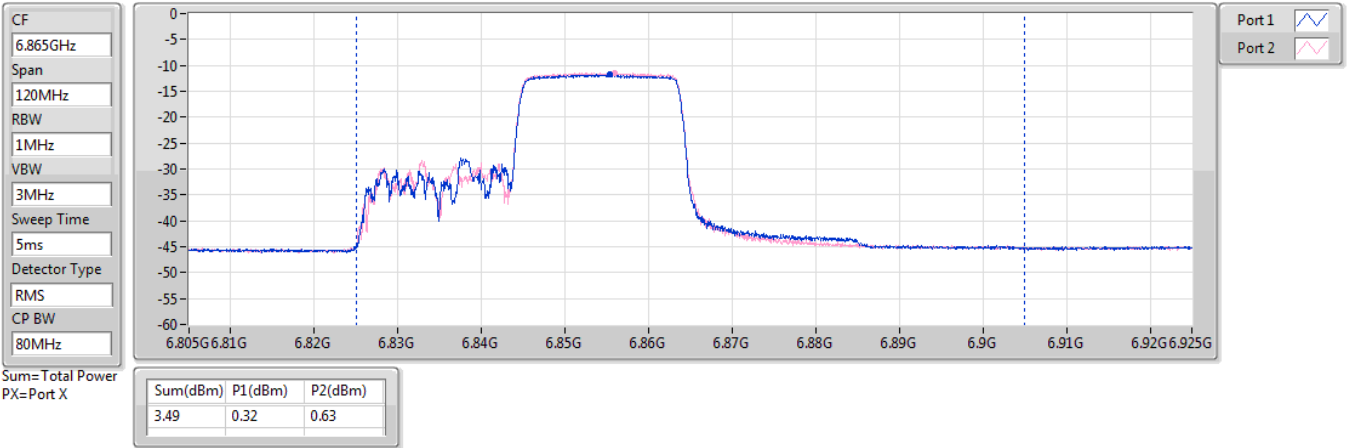




6.525-6.875GHz_802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX

AV Power

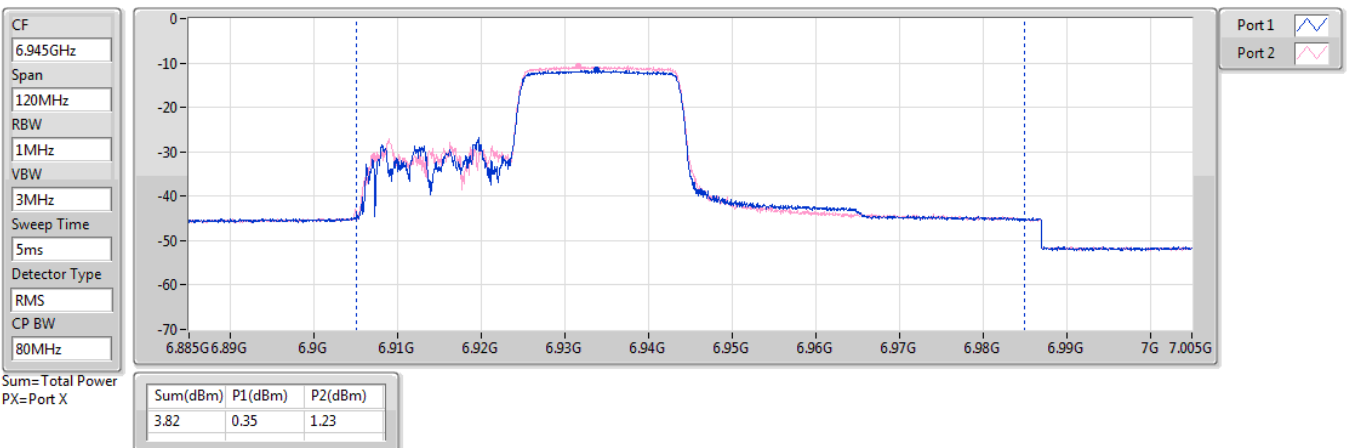
6865MHz Straddle 6.525-6.875GHz_TX

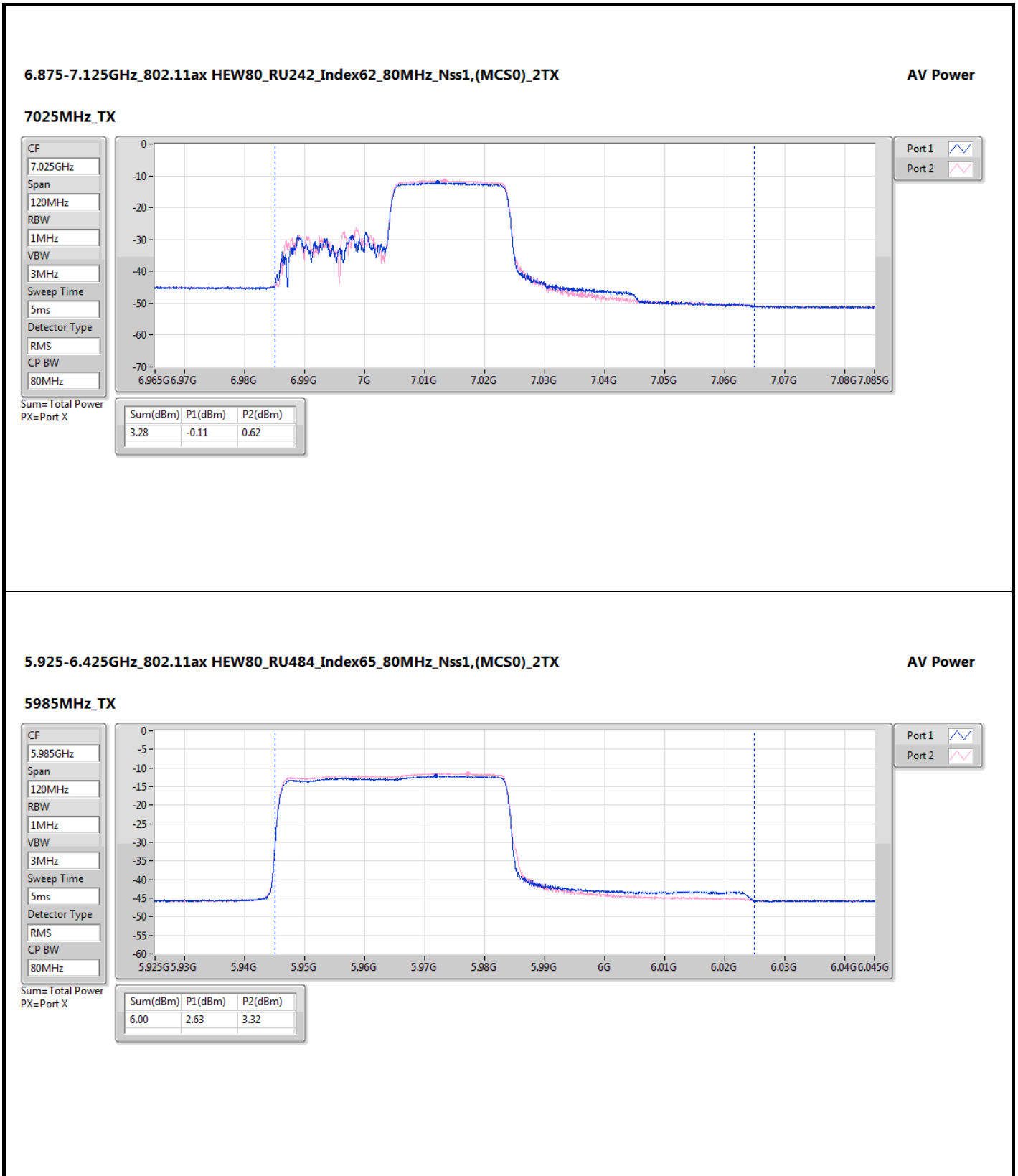


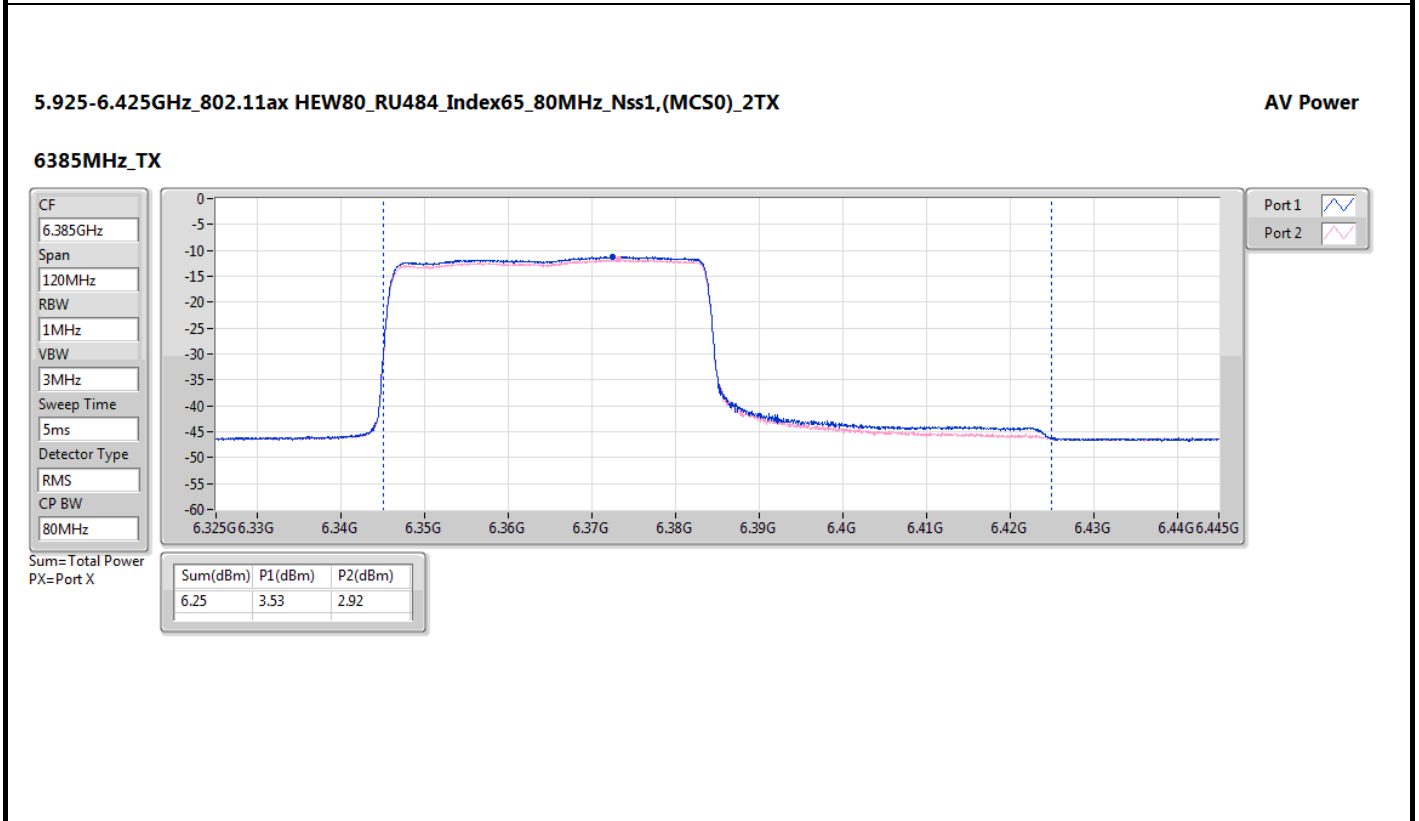
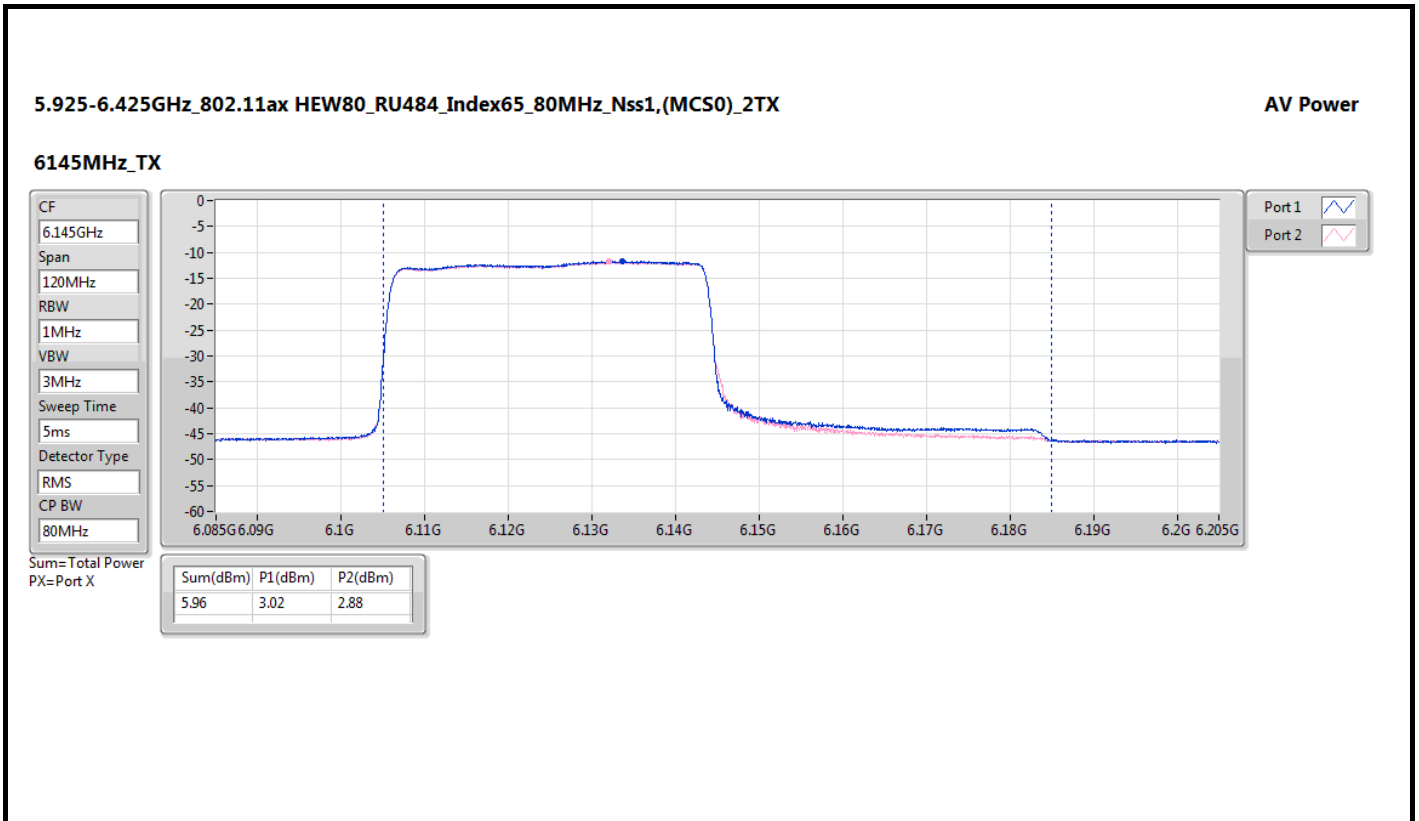
6.875-7.125GHz_802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX

AV Power

6945MHz_TX





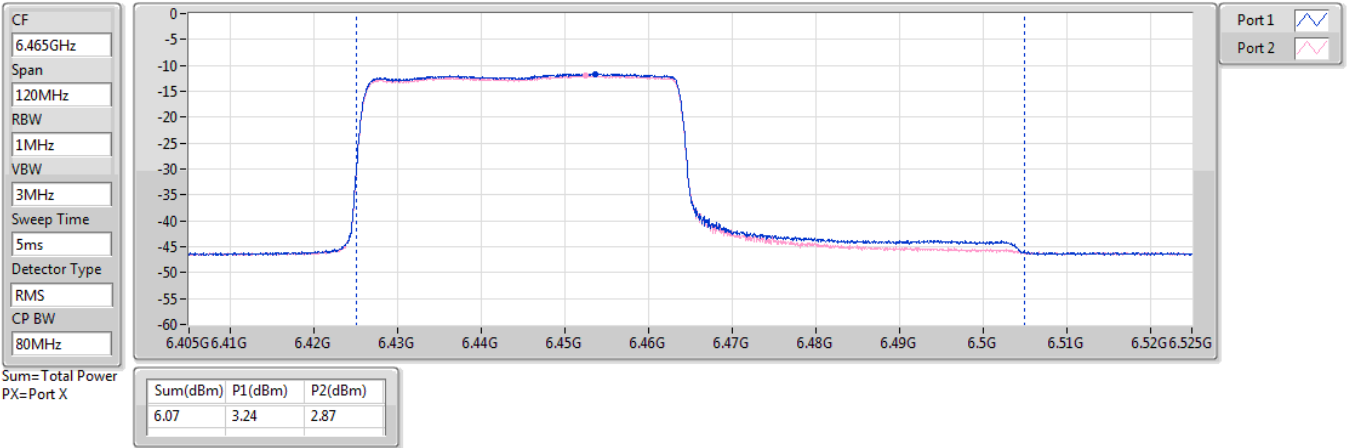




6.425-6.525GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

AV Power

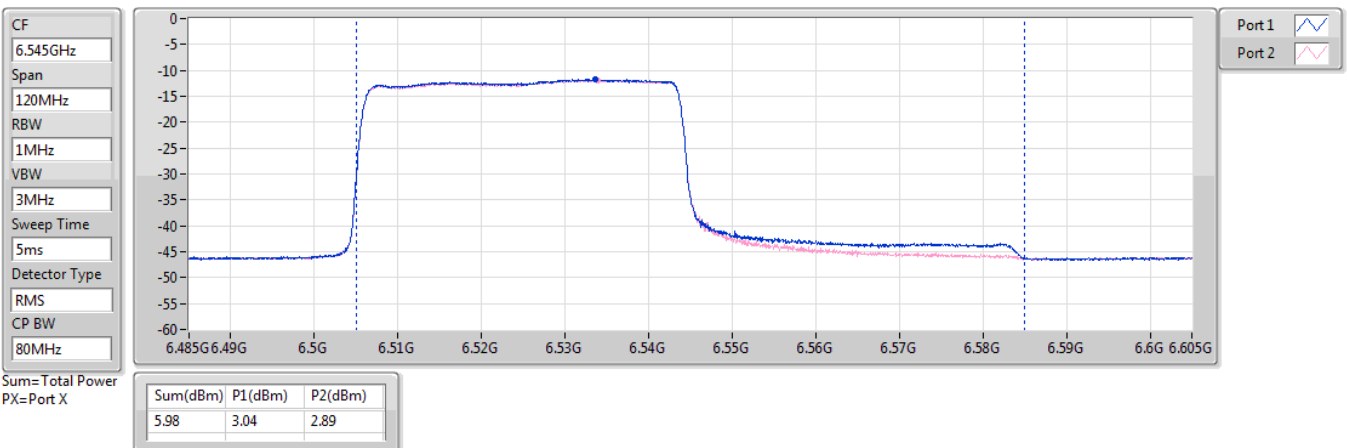
6465MHz_TX



6.425-6.525GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

AV Power

6545MHz Straddle 6.425-6.525GHz_TX



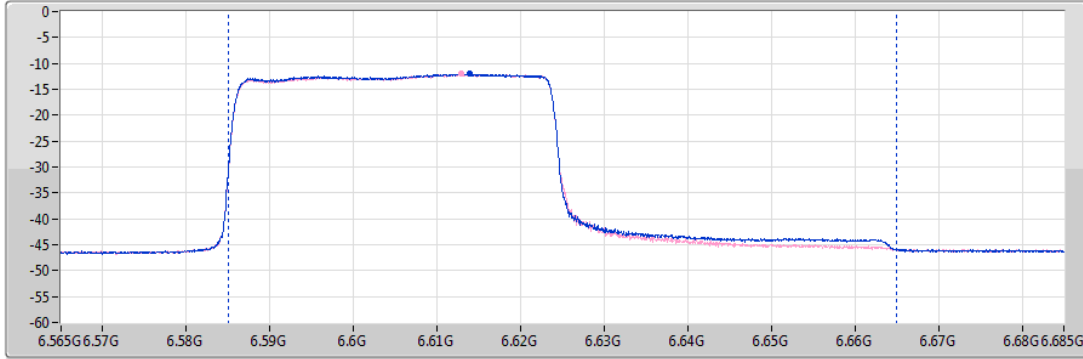


6.525-6.875GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

AV Power

6625MHz_TX

- CF: 6.625GHz
- Span: 120MHz
- RBW: 1MHz
- VBW: 3MHz
- Sweep Time: 5ms
- Detector Type: RMS
- CP BW: 80MHz



- Port 1
- Port 2

Sum=Total Power
PX=Port X

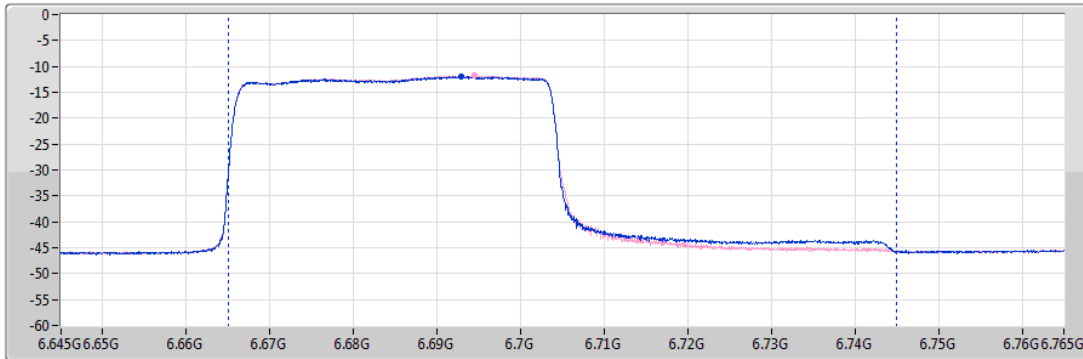
Sum(dBm)	P1(dBm)	P2(dBm)
5.72	2.77	2.65

6.525-6.875GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

AV Power

6705MHz_TX

- CF: 6.705GHz
- Span: 120MHz
- RBW: 1MHz
- VBW: 3MHz
- Sweep Time: 5ms
- Detector Type: RMS
- CP BW: 80MHz



- Port 1
- Port 2

Sum=Total Power
PX=Port X

Sum(dBm)	P1(dBm)	P2(dBm)
5.87	2.79	2.92

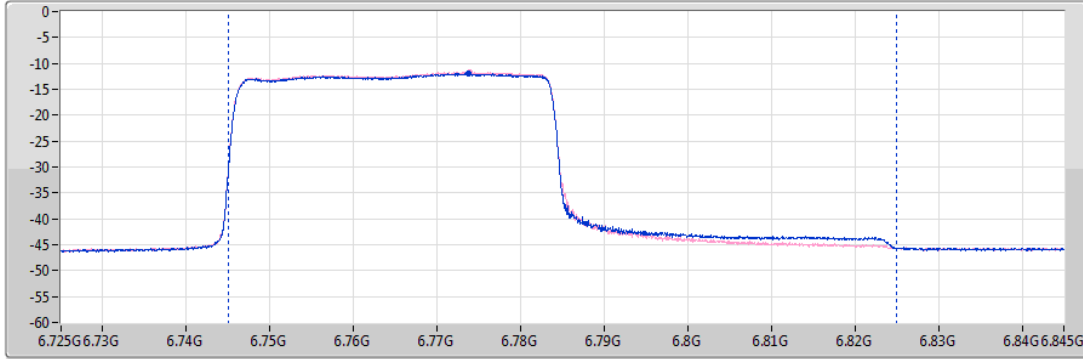


6.525-6.875GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

AV Power

6785MHz_TX

- CF: 6.785GHz
- Span: 120MHz
- RBW: 1MHz
- VBW: 3MHz
- Sweep Time: 5ms
- Detector Type: RMS
- CP BW: 80MHz



- Port 1
- Port 2

Sum= Total Power
PX=Port X

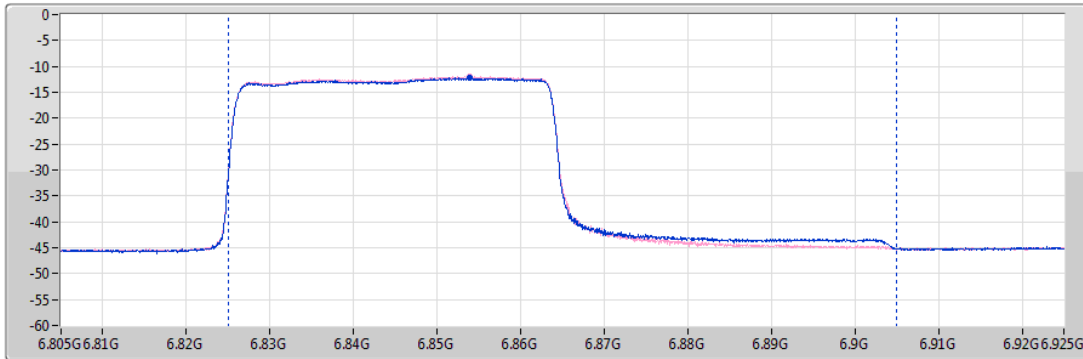
Sum(dBm)	P1(dBm)	P2(dBm)
5.92	2.79	3.03

6.525-6.875GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

AV Power

6865MHz Straddle 6.525-6.875GHz_TX

- CF: 6.865GHz
- Span: 120MHz
- RBW: 1MHz
- VBW: 3MHz
- Sweep Time: 5ms
- Detector Type: RMS
- CP BW: 80MHz



- Port 1
- Port 2

Sum= Total Power
PX=Port X

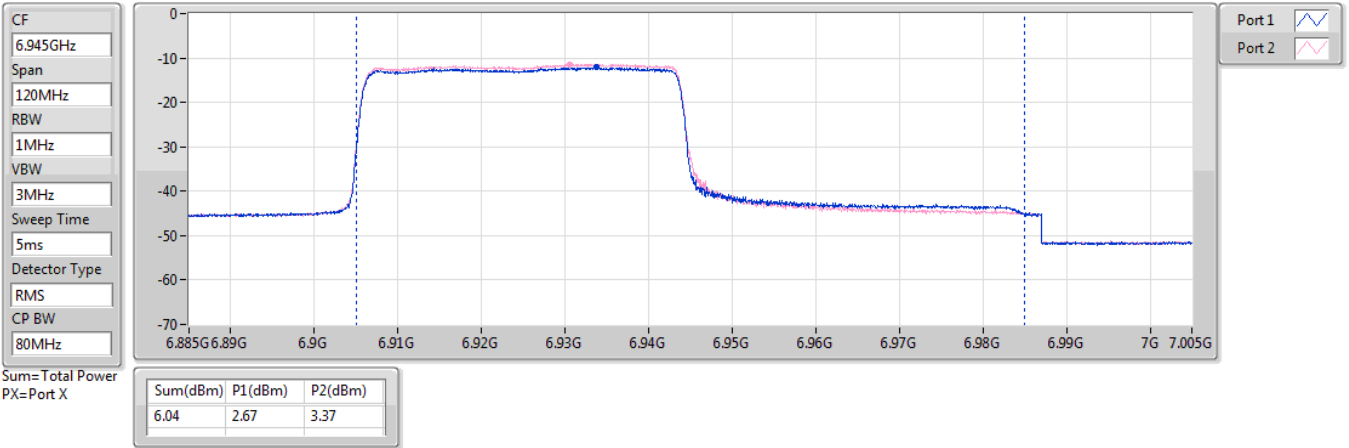
Sum(dBm)	P1(dBm)	P2(dBm)
5.69	2.54	2.81



6.875-7.125GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

AV Power

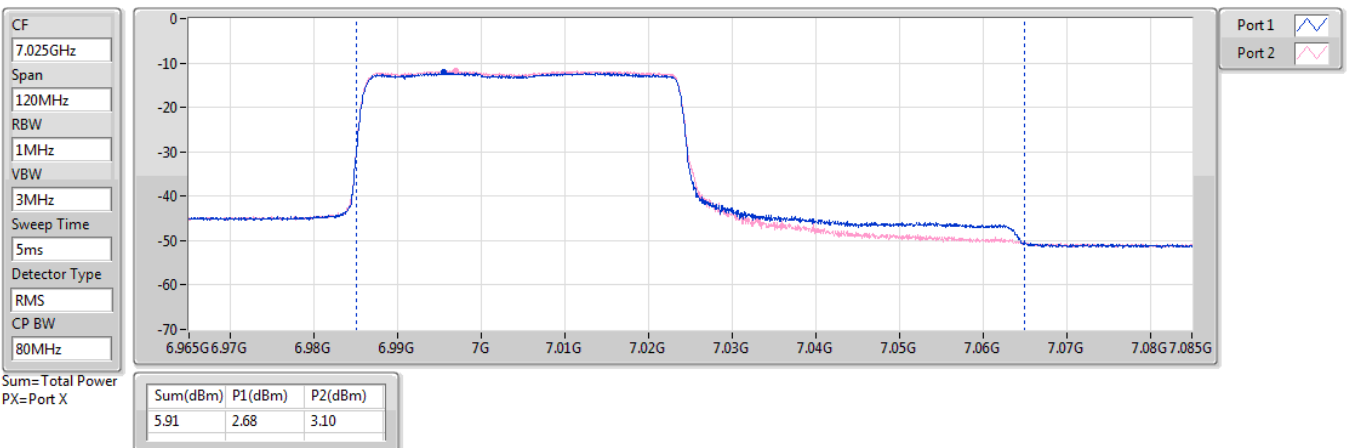
6945MHz_TX



6.875-7.125GHz_802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX

AV Power

7025MHz_TX





Beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	-9.05	0.00012	-0.84	0.00082
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	-6.04	0.00025	2.17	0.00165
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	-2.91	0.00051	5.30	0.00339
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	-9.09	0.00012	-0.88	0.00082
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	-5.90	0.00026	2.31	0.00170
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	-2.79	0.00053	5.42	0.00348
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	0.30	0.00107	8.51	0.00710
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	-8.68	0.00014	-0.47	0.00090
802.11ax HEW80_RU52_Index50,BF_80MHz_Nss1,(MCS0)_2TX	-5.92	0.00026	2.29	0.00169
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	-3.00	0.00050	5.21	0.00332
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	0.61	0.00115	8.82	0.00762
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	3.24	0.00211	11.45	0.01396
6.425-6.525GHz	-	-	-	-
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	-8.91	0.00013	-0.70	0.00085
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	-5.83	0.00026	2.38	0.00173
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	-2.78	0.00053	5.43	0.00349
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	-8.61	0.00014	-0.40	0.00091
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	-5.90	0.00026	2.31	0.00170
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	-2.75	0.00053	5.46	0.00352
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	0.28	0.00107	8.49	0.00706
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	-8.69	0.00014	-0.48	0.00090
802.11ax HEW80_RU52_Index50,BF_80MHz_Nss1,(MCS0)_2TX	-6.19	0.00024	2.02	0.00159
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	-3.51	0.00045	4.70	0.00295
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	0.40	0.00110	8.61	0.00726
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	3.06	0.00202	11.27	0.01340
6.525-6.875GHz	-	-	-	-
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	-9.02	0.00013	-0.81	0.00083
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	-5.88	0.00026	2.33	0.00171
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	-2.85	0.00052	5.36	0.00344
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	-8.82	0.00013	-0.61	0.00087
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	-5.88	0.00026	2.33	0.00171
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	-3.04	0.00050	5.17	0.00329
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	0.44	0.00111	8.65	0.00733
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	-8.61	0.00014	-0.40	0.00091
802.11ax HEW80_RU52_Index50,BF_80MHz_Nss1,(MCS0)_2TX	-5.97	0.00025	2.24	0.00167
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	-2.97	0.00050	5.24	0.00334
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	0.48	0.00112	8.69	0.00740
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	2.91	0.00195	11.12	0.01294
6.875-7.125GHz	-	-	-	-



Conducted Output Power(Average) - SC Module

Appendix B.2

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	-8.89	0.00013	-0.68	0.00086
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	-5.78	0.00026	2.43	0.00175
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	-2.98	0.00050	5.23	0.00333
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	-8.82	0.00013	-0.61	0.00087
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	-5.88	0.00026	2.33	0.00171
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	-3.13	0.00049	5.08	0.00322
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	0.19	0.00104	8.40	0.00692
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	-8.49	0.00014	-0.28	0.00094
802.11ax HEW80_RU52_Index50,BF_80MHz_Nss1,(MCS0)_2TX	-5.84	0.00026	2.37	0.00173
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	-2.95	0.00051	5.26	0.00336
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	0.81	0.00121	9.02	0.00798
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	3.03	0.00201	11.24	0.01330



Conducted Output Power(Average) - SC Module

Appendix B.2

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	8.21	-12.51	-11.66	-9.05	Inf	-0.84	24.00
6175MHz	Pass	8.21	-12.23	-12.32	-9.26	Inf	-1.05	24.00
6415MHz	Pass	8.21	-11.75	-12.91	-9.28	Inf	-1.07	24.00
6435MHz	Pass	8.21	-11.66	-12.2	-8.91	Inf	-0.70	24.00
6475MHz	Pass	8.21	-12.05	-12.91	-9.45	Inf	-1.24	24.00
6515MHz	Pass	8.21	-11.92	-12.04	-8.97	Inf	-0.76	24.00
6535MHz	Pass	8.21	-12.18	-12.4	-9.28	Inf	-1.07	24.00
6715MHz	Pass	8.21	-12.03	-12.04	-9.02	Inf	-0.81	24.00
6855MHz	Pass	8.21	-12.16	-12.38	-9.26	Inf	-1.05	24.00
6875MHz Straddle 6.525-6.875GHz	Pass	8.21	-12.2	-12.2	-9.19	Inf	-0.98	24.00
6895MHz	Pass	8.21	-12.01	-11.79	-8.89	Inf	-0.68	24.00
7015MHz	Pass	8.21	-12.49	-12.09	-9.28	Inf	-1.07	24.00
7095MHz	Pass	8.21	-12.49	-11.82	-9.13	Inf	-0.92	24.00
7115MHz	Pass	8.21	-12.65	-12.34	-9.48	Inf	-1.27	24.00
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	8.21	-9.05	-9.05	-6.04	Inf	2.17	24.00
6175MHz	Pass	8.21	-9.27	-9.45	-6.35	Inf	1.86	24.00
6415MHz	Pass	8.21	-8.45	-9.85	-6.08	Inf	2.13	24.00
6435MHz	Pass	8.21	-8.58	-9.11	-5.83	Inf	2.38	24.00
6475MHz	Pass	8.21	-8.56	-9.35	-5.93	Inf	2.28	24.00
6515MHz	Pass	8.21	-8.81	-8.95	-5.87	Inf	2.34	24.00
6535MHz	Pass	8.21	-8.76	-9.02	-5.88	Inf	2.33	24.00
6715MHz	Pass	8.21	-9.09	-9.03	-6.05	Inf	2.16	24.00
6855MHz	Pass	8.21	-8.83	-9.16	-5.98	Inf	2.23	24.00
6875MHz Straddle 6.525-6.875GHz	Pass	8.21	-9	-9.47	-6.22	Inf	1.99	24.00
6895MHz	Pass	8.21	-8.83	-8.75	-5.78	Inf	2.43	24.00
7015MHz	Pass	8.21	-9.19	-8.62	-5.89	Inf	2.32	24.00
7095MHz	Pass	8.21	-9.44	-8.95	-6.18	Inf	2.03	24.00
7115MHz	Pass	8.21	-10.22	-9.37	-6.76	Inf	1.45	24.00
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	8.21	-6.46	-5.73	-3.07	Inf	5.14	24.00
6175MHz	Pass	8.21	-5.82	-6.03	-2.91	Inf	5.30	24.00
6415MHz	Pass	8.21	-5.42	-6.66	-2.99	Inf	5.22	24.00
6435MHz	Pass	8.21	-5.7	-6.26	-2.96	Inf	5.25	24.00
6475MHz	Pass	8.21	-5.8	-6.57	-3.16	Inf	5.05	24.00
6515MHz	Pass	8.21	-5.74	-5.85	-2.78	Inf	5.43	24.00
6535MHz	Pass	8.21	-5.72	-6	-2.85	Inf	5.36	24.00
6715MHz	Pass	8.21	-6.32	-6.31	-3.30	Inf	4.91	24.00



Conducted Output Power(Average) - SC Module

Appendix B.2

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6855MHz	Pass	8.21	-5.75	-6.19	-2.95	Inf	5.26	24.00
6875MHz Straddle 6.525-6.875GHz	Pass	8.21	-5.88	-6.35	-3.10	Inf	5.11	24.00
6895MHz	Pass	8.21	-6.11	-5.88	-2.98	Inf	5.23	24.00
7015MHz	Pass	8.21	-6.43	-5.87	-3.13	Inf	5.08	24.00
7095MHz	Pass	8.21	-6.44	-5.65	-3.02	Inf	5.19	24.00
7115MHz	Pass	8.21	-7.69	-7.14	-4.40	Inf	3.81	24.00
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	8.21	-12.43	-11.79	-9.09	Inf	-0.88	24.00
6165MHz	Pass	8.21	-12.22	-12.27	-9.23	Inf	-1.02	24.00
6405MHz	Pass	8.21	-11.84	-12.45	-9.12	Inf	-0.91	24.00
6445MHz	Pass	8.21	-11.74	-12.14	-8.93	Inf	-0.72	24.00
6485MHz	Pass	8.21	-12.21	-11.95	-9.07	Inf	-0.86	24.00
6525MHz Straddle 6.425-6.525GHz	Pass	8.21	-11.75	-11.49	-8.61	Inf	-0.40	24.00
6565MHz	Pass	8.21	-12.05	-12.22	-9.12	Inf	-0.91	24.00
6725MHz	Pass	8.21	-12.11	-11.95	-9.02	Inf	-0.81	24.00
6845MHz	Pass	8.21	-11.97	-11.69	-8.82	Inf	-0.61	24.00
6885MHz Straddle 6.525-6.875GHz	Pass	8.21	-11.95	-11.78	-8.85	Inf	-0.64	24.00
6925MHz	Pass	8.21	-12.56	-12.15	-9.34	Inf	-1.13	24.00
7005MHz	Pass	8.21	-11.98	-11.68	-8.82	Inf	-0.61	24.00
7085MHz	Pass	8.21	-12.87	-12.08	-9.45	Inf	-1.24	24.00
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	8.21	-9.24	-8.67	-5.94	Inf	2.27	24.00
6165MHz	Pass	8.21	-8.93	-9.1	-6.00	Inf	2.21	24.00
6405MHz	Pass	8.21	-8.6	-9.24	-5.90	Inf	2.31	24.00
6445MHz	Pass	8.21	-8.96	-9.46	-6.19	Inf	2.02	24.00
6485MHz	Pass	8.21	-9.04	-8.91	-5.96	Inf	2.25	24.00
6525MHz Straddle 6.425-6.525GHz	Pass	8.21	-8.97	-8.85	-5.90	Inf	2.31	24.00
6565MHz	Pass	8.21	-8.79	-9	-5.88	Inf	2.33	24.00
6725MHz	Pass	8.21	-9.08	-8.99	-6.02	Inf	2.19	24.00
6845MHz	Pass	8.21	-9.14	-8.91	-6.01	Inf	2.20	24.00
6885MHz Straddle 6.525-6.875GHz	Pass	8.21	-9.39	-9.25	-6.31	Inf	1.90	24.00
6925MHz	Pass	8.21	-9.34	-8.98	-6.15	Inf	2.06	24.00
7005MHz	Pass	8.21	-9.09	-8.7	-5.88	Inf	2.33	24.00
7085MHz	Pass	8.21	-9.41	-8.62	-5.99	Inf	2.22	24.00
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	8.21	-6.3	-5.72	-2.99	Inf	5.22	24.00
6165MHz	Pass	8.21	-6.06	-6.21	-3.12	Inf	5.09	24.00
6405MHz	Pass	8.21	-5.46	-6.16	-2.79	Inf	5.42	24.00
6445MHz	Pass	8.21	-5.58	-5.94	-2.75	Inf	5.46	24.00
6485MHz	Pass	8.21	-6.1	-5.99	-3.03	Inf	5.18	24.00



Conducted Output Power(Average) - SC Module

Appendix B.2

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6525MHz Straddle 6.425-6.525GHz	Pass	8.21	-5.93	-5.76	-2.83	Inf	5.38	24.00
6565MHz	Pass	8.21	-6.03	-6.27	-3.14	Inf	5.07	24.00
6725MHz	Pass	8.21	-6.13	-5.97	-3.04	Inf	5.17	24.00
6845MHz	Pass	8.21	-6.23	-5.98	-3.09	Inf	5.12	24.00
6885MHz Straddle 6.525-6.875GHz	Pass	8.21	-6.18	-6.12	-3.14	Inf	5.07	24.00
6925MHz	Pass	8.21	-6.35	-5.94	-3.13	Inf	5.08	24.00
7005MHz	Pass	8.21	-6.94	-6.45	-3.68	Inf	4.53	24.00
7085MHz	Pass	8.21	-6.64	-5.75	-3.16	Inf	5.05	24.00
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	8.21	-3.09	-2.36	0.30	Inf	8.51	24.00
6165MHz	Pass	8.21	-2.77	-2.76	0.25	Inf	8.46	24.00
6405MHz	Pass	8.21	-2.47	-2.98	0.29	Inf	8.50	24.00
6445MHz	Pass	8.21	-2.77	-3.12	0.07	Inf	8.28	24.00
6485MHz	Pass	8.21	-2.88	-2.59	0.28	Inf	8.49	24.00
6525MHz Straddle 6.425-6.525GHz	Pass	8.21	-2.96	-2.71	0.18	Inf	8.39	24.00
6565MHz	Pass	8.21	-2.87	-3.13	0.01	Inf	8.22	24.00
6725MHz	Pass	8.21	-3.18	-3.05	-0.10	Inf	8.11	24.00
6845MHz	Pass	8.21	-2.85	-3.23	-0.03	Inf	8.18	24.00
6885MHz Straddle 6.525-6.875GHz	Pass	8.21	-2.78	-2.37	0.44	Inf	8.65	24.00
6925MHz	Pass	8.21	-3.1	-2.75	0.09	Inf	8.30	24.00
7005MHz	Pass	8.21	-3.33	-2.94	-0.12	Inf	8.09	24.00
7085MHz	Pass	8.21	-3.2	-2.48	0.19	Inf	8.40	24.00
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	8.21	-12.21	-11.33	-8.74	Inf	-0.53	24.00
6145MHz	Pass	8.21	-11.9	-12.04	-8.96	Inf	-0.75	24.00
6385MHz	Pass	8.21	-11.42	-11.97	-8.68	Inf	-0.47	24.00
6465MHz	Pass	8.21	-11.24	-12.22	-8.69	Inf	-0.48	24.00
6545MHz Straddle 6.425-6.525GHz	Pass	8.21	-11.92	-11.97	-8.93	Inf	-0.72	24.00
6625MHz	Pass	8.21	-11.93	-11.89	-8.90	Inf	-0.69	24.00
6705MHz	Pass	8.21	-11.71	-11.53	-8.61	Inf	-0.40	24.00
6785MHz	Pass	8.21	-12.09	-11.53	-8.79	Inf	-0.58	24.00
6865MHz Straddle 6.525-6.875GHz	Pass	8.21	-12.05	-11.88	-8.95	Inf	-0.74	24.00
6945MHz	Pass	8.21	-11.92	-11.11	-8.49	Inf	-0.28	24.00
7025MHz	Pass	8.21	-12.25	-11.5	-8.85	Inf	-0.64	24.00
802.11ax HEW80_RU52_Index50,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	8.21	-9.53	-8.92	-6.20	Inf	2.01	24.00
6145MHz	Pass	8.21	-9.45	-9.43	-6.43	Inf	1.78	24.00
6385MHz	Pass	8.21	-8.61	-9.27	-5.92	Inf	2.29	24.00
6465MHz	Pass	8.21	-8.87	-9.56	-6.19	Inf	2.02	24.00
6545MHz Straddle 6.425-6.525GHz	Pass	8.21	-9.14	-9.4	-6.26	Inf	1.95	24.00



Conducted Output Power(Average) - SC Module

Appendix B.2

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6625MHz	Pass	8.21	-9.15	-9.1	-6.11	Inf	2.10	24.00
6705MHz	Pass	8.21	-9.07	-8.9	-5.97	Inf	2.24	24.00
6785MHz	Pass	8.21	-9.62	-9.49	-6.54	Inf	1.67	24.00
6865MHz Straddle 6.525-6.875GHz	Pass	8.21	-9.54	-9.26	-6.39	Inf	1.82	24.00
6945MHz	Pass	8.21	-8.83	-8.88	-5.84	Inf	2.37	24.00
7025MHz	Pass	8.21	-9.55	-8.72	-6.10	Inf	2.11	24.00
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	8.21	-6.3	-5.74	-3.00	Inf	5.21	24.00
6145MHz	Pass	8.21	-6	-6.07	-3.02	Inf	5.19	24.00
6385MHz	Pass	8.21	-5.95	-6.44	-3.18	Inf	5.03	24.00
6465MHz	Pass	8.21	-6.25	-6.81	-3.51	Inf	4.70	24.00
6545MHz Straddle 6.425-6.525GHz	Pass	8.21	-6.5	-6.86	-3.67	Inf	4.54	24.00
6625MHz	Pass	8.21	-6.36	-6.3	-3.32	Inf	4.89	24.00
6705MHz	Pass	8.21	-6.43	-6.3	-3.35	Inf	4.86	24.00
6785MHz	Pass	8.21	-6.5	-6.3	-3.39	Inf	4.82	24.00
6865MHz Straddle 6.525-6.875GHz	Pass	8.21	-6.07	-5.9	-2.97	Inf	5.24	24.00
6945MHz	Pass	8.21	-6.14	-5.78	-2.95	Inf	5.26	24.00
7025MHz	Pass	8.21	-7.27	-6.51	-3.86	Inf	4.35	24.00
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	8.21	-3.11	-2.35	0.30	Inf	8.51	24.00
6145MHz	Pass	8.21	-2.82	-2.81	0.20	Inf	8.41	24.00
6385MHz	Pass	8.21	-2.2	-2.6	0.61	Inf	8.82	24.00
6465MHz	Pass	8.21	-2.42	-2.8	0.40	Inf	8.61	24.00
6545MHz Straddle 6.425-6.525GHz	Pass	8.21	-2.73	-2.87	0.21	Inf	8.42	24.00
6625MHz	Pass	8.21	-2.74	-2.92	0.18	Inf	8.39	24.00
6705MHz	Pass	8.21	-2.69	-2.63	0.35	Inf	8.56	24.00
6785MHz	Pass	8.21	-2.84	-2.55	0.32	Inf	8.53	24.00
6865MHz Straddle 6.525-6.875GHz	Pass	8.21	-2.69	-2.38	0.48	Inf	8.69	24.00
6945MHz	Pass	8.21	-2.66	-1.78	0.81	Inf	9.02	24.00
7025MHz	Pass	8.21	-3.12	-2.39	0.27	Inf	8.48	24.00
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	8.21	-0.38	0.31	2.99	Inf	11.20	24.00
6145MHz	Pass	8.21	0.01	-0.13	2.95	Inf	11.16	24.00
6385MHz	Pass	8.21	0.52	-0.09	3.24	Inf	11.45	24.00
6465MHz	Pass	8.21	0.23	-0.14	3.06	Inf	11.27	24.00
6545MHz Straddle 6.425-6.525GHz	Pass	8.21	0.03	-0.12	2.97	Inf	11.18	24.00
6625MHz	Pass	8.21	-0.24	-0.36	2.71	Inf	10.92	24.00
6705MHz	Pass	8.21	-0.22	-0.09	2.86	Inf	11.07	24.00
6785MHz	Pass	8.21	-0.22	0.02	2.91	Inf	11.12	24.00
6865MHz Straddle 6.525-6.875GHz	Pass	8.21	-0.47	-0.2	2.68	Inf	10.89	24.00



Conducted Output Power(Average) - SC Module

Appendix B.2

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6945MHz	Pass	8.21	-0.34	0.36	3.03	Inf	11.24	24.00
7025MHz	Pass	8.21	-0.33	0.09	2.90	Inf	11.11	24.00

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

Remarks:

Directional gain = $5.2 + 10 \cdot \log(2/1) = 8.21$ dBi



Non-beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	-6.05	0.00025	-0.85	0.00082
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	-3.42	0.00045	1.78	0.00151
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	0.06	0.00101	5.26	0.00336
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	-6.12	0.00024	-0.92	0.00081
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	-3.00	0.00050	2.20	0.00166
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	-0.14	0.00097	5.06	0.00321
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	3.20	0.00209	8.40	0.00692
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	-5.67	0.00027	-0.47	0.00090
802.11ax HEW80_RU52_Index50_80MHz_Nss1,(MCS0)_2TX	-3.36	0.00046	1.84	0.00153
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	-0.13	0.00097	5.07	0.00321
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	3.38	0.00218	8.58	0.00721
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	5.87	0.00386	11.07	0.01279
6.425-6.525GHz	-	-	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	-5.94	0.00025	-0.74	0.00084
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	-3.27	0.00047	1.93	0.00156
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	0.14	0.00103	5.34	0.00342
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	-5.77	0.00026	-0.57	0.00088
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	-2.97	0.00050	2.23	0.00167
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	0.07	0.00102	5.27	0.00337
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	3.00	0.00200	8.20	0.00661
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	-5.70	0.00027	-0.50	0.00089
802.11ax HEW80_RU52_Index50_80MHz_Nss1,(MCS0)_2TX	-3.29	0.00047	1.91	0.00155
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	-0.65	0.00086	4.55	0.00285
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	3.39	0.00218	8.59	0.00723
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	5.83	0.00383	11.03	0.01268
6.525-6.875GHz	-	-	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	-6.12	0.00024	-0.92	0.00081
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	-3.00	0.00050	2.20	0.00166
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	0.05	0.00101	5.25	0.00335
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	-5.99	0.00025	-0.79	0.00083
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	-3.04	0.00050	2.16	0.00164
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	-0.15	0.00097	5.05	0.00320
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	3.31	0.00214	8.51	0.00710
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	-5.84	0.00026	-0.64	0.00086
802.11ax HEW80_RU52_Index50_80MHz_Nss1,(MCS0)_2TX	-2.97	0.00050	2.23	0.00167
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	-0.42	0.00091	4.78	0.00301
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	3.30	0.00214	8.50	0.00708
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	5.89	0.00388	11.09	0.01285
6.875-7.125GHz	-	-	-	-

**Conducted Output Power(Average) - ST M.2, PCIe Module****Appendix B.3**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	-6.07	0.00025	-0.87	0.00082
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	-3.00	0.00050	2.20	0.00166
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	0.00	0.00100	5.20	0.00331
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	-5.86	0.00026	-0.66	0.00086
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	-3.18	0.00048	2.02	0.00159
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	-0.24	0.00095	4.96	0.00313
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	3.03	0.00201	8.23	0.00665
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	-5.70	0.00027	-0.50	0.00089
802.11ax HEW80_RU52_Index50_80MHz_Nss1,(MCS0)_2TX	-3.30	0.00047	1.90	0.00155
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	-0.39	0.00091	4.81	0.00303
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	3.49	0.00223	8.69	0.00740
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	5.69	0.00371	10.89	0.01227



Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.20	-9.04	-9.09	-6.05	Inf	-0.85	24.00
6175MHz	Pass	5.20	-9.14	-9.47	-6.29	Inf	-1.09	24.00
6415MHz	Pass	5.20	-8.53	-10.26	-6.30	Inf	-1.10	24.00
6435MHz	Pass	5.20	-8.62	-9.3	-5.94	Inf	-0.74	24.00
6475MHz	Pass	5.20	-8.98	-10.14	-6.51	Inf	-1.31	24.00
6515MHz	Pass	5.20	-9.18	-9.42	-6.29	Inf	-1.09	24.00
6535MHz	Pass	5.20	-8.93	-10.06	-6.45	Inf	-1.25	24.00
6715MHz	Pass	5.20	-9.05	-9.21	-6.12	Inf	-0.92	24.00
6855MHz	Pass	5.20	-9.66	-9.69	-6.66	Inf	-1.46	24.00
6875MHz Straddle 6.525-6.875GHz	Pass	5.20	-9.66	-9.64	-6.64	Inf	-1.44	24.00
6895MHz	Pass	5.20	-9.15	-9.02	-6.07	Inf	-0.87	24.00
7015MHz	Pass	5.20	-9.62	-9.25	-6.42	Inf	-1.22	24.00
7095MHz	Pass	5.20	-9.49	-9.36	-6.41	Inf	-1.21	24.00
7115MHz	Pass	5.20	-9.56	-9.95	-6.74	Inf	-1.54	24.00
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.20	-6.28	-6.64	-3.45	Inf	1.75	24.00
6175MHz	Pass	5.20	-6.28	-6.66	-3.46	Inf	1.74	24.00
6415MHz	Pass	5.20	-5.8	-7.17	-3.42	Inf	1.78	24.00
6435MHz	Pass	5.20	-5.8	-6.87	-3.29	Inf	1.91	24.00
6475MHz	Pass	5.20	-5.67	-6.98	-3.27	Inf	1.93	24.00
6515MHz	Pass	5.20	-6.11	-6.48	-3.28	Inf	1.92	24.00
6535MHz	Pass	5.20	-5.85	-6.89	-3.33	Inf	1.87	24.00
6715MHz	Pass	5.20	-6.22	-6.59	-3.39	Inf	1.81	24.00
6855MHz	Pass	5.20	-5.91	-6.11	-3.00	Inf	2.20	24.00
6875MHz Straddle 6.525-6.875GHz	Pass	5.20	-6.22	-6.25	-3.22	Inf	1.98	24.00
6895MHz	Pass	5.20	-6.26	-6.11	-3.17	Inf	2.03	24.00
7015MHz	Pass	5.20	-6.33	-5.72	-3.00	Inf	2.20	24.00
7095MHz	Pass	5.20	-6.84	-6.26	-3.53	Inf	1.67	24.00
7115MHz	Pass	5.20	-6.33	-7.52	-3.87	Inf	1.33	24.00
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	5.20	-3.11	-3.45	-0.27	Inf	4.93	24.00
6175MHz	Pass	5.20	-2.78	-3.13	0.06	Inf	5.26	24.00
6415MHz	Pass	5.20	-2.33	-4.12	-0.12	Inf	5.08	24.00
6435MHz	Pass	5.20	-2.61	-3.71	-0.11	Inf	5.09	24.00
6475MHz	Pass	5.20	-3.08	-4.12	-0.56	Inf	4.64	24.00
6515MHz	Pass	5.20	-2.64	-3.12	0.14	Inf	5.34	24.00
6535MHz	Pass	5.20	-2.49	-3.48	0.05	Inf	5.25	24.00
6715MHz	Pass	5.20	-3.03	-3.88	-0.42	Inf	4.78	24.00



Conducted Output Power(Average) - ST M.2, PCIe Module

Appendix B.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6855MHz	Pass	5.20	-3.33	-3.45	-0.38	Inf	4.82	24.00
6875MHz Straddle 6.525-6.875GHz	Pass	5.20	-3.42	-3.32	-0.36	Inf	4.84	24.00
6895MHz	Pass	5.20	-3.03	-2.99	0.00	Inf	5.20	24.00
7015MHz	Pass	5.20	-3.58	-2.99	-0.26	Inf	4.94	24.00
7095MHz	Pass	5.20	-3.54	-3.09	-0.30	Inf	4.90	24.00
7115MHz	Pass	5.20	-4.17	-4.85	-1.49	Inf	3.71	24.00
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.20	-9.12	-9.15	-6.12	Inf	-0.92	24.00
6165MHz	Pass	5.20	-9.11	-9.43	-6.26	Inf	-1.06	24.00
6405MHz	Pass	5.20	-8.82	-9.62	-6.19	Inf	-0.99	24.00
6445MHz	Pass	5.20	-9.01	-9.77	-6.36	Inf	-1.16	24.00
6485MHz	Pass	5.20	-9.12	-9.23	-6.16	Inf	-0.96	24.00
6525MHz Straddle 6.425-6.525GHz	Pass	5.20	-8.75	-8.82	-5.77	Inf	-0.57	24.00
6565MHz	Pass	5.20	-9.05	-9.98	-6.48	Inf	-1.28	24.00
6725MHz	Pass	5.20	-8.88	-9.33	-6.09	Inf	-0.89	24.00
6845MHz	Pass	5.20	-9.06	-9.12	-6.08	Inf	-0.88	24.00
6885MHz Straddle 6.525-6.875GHz	Pass	5.20	-8.95	-9.06	-5.99	Inf	-0.79	24.00
6925MHz	Pass	5.20	-9.75	-9.41	-6.57	Inf	-1.37	24.00
7005MHz	Pass	5.20	-9.33	-8.45	-5.86	Inf	-0.66	24.00
7085MHz	Pass	5.20	-10.34	-9.13	-6.68	Inf	-1.48	24.00
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.20	-6.15	-6.17	-3.15	Inf	2.05	24.00
6165MHz	Pass	5.20	-5.81	-6.22	-3.00	Inf	2.20	24.00
6405MHz	Pass	5.20	-5.68	-6.78	-3.18	Inf	2.02	24.00
6445MHz	Pass	5.20	-6.05	-6.7	-3.35	Inf	1.85	24.00
6485MHz	Pass	5.20	-6.36	-6.39	-3.36	Inf	1.84	24.00
6525MHz Straddle 6.425-6.525GHz	Pass	5.20	-5.91	-6.06	-2.97	Inf	2.23	24.00
6565MHz	Pass	5.20	-6.16	-6.45	-3.29	Inf	1.91	24.00
6725MHz	Pass	5.20	-5.87	-6.29	-3.06	Inf	2.14	24.00
6845MHz	Pass	5.20	-5.95	-6.15	-3.04	Inf	2.16	24.00
6885MHz Straddle 6.525-6.875GHz	Pass	5.20	-6.69	-6.75	-3.71	Inf	1.49	24.00
6925MHz	Pass	5.20	-6.78	-6.48	-3.62	Inf	1.58	24.00
7005MHz	Pass	5.20	-6.54	-5.87	-3.18	Inf	2.02	24.00
7085MHz	Pass	5.20	-6.98	-5.75	-3.31	Inf	1.89	24.00
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.20	-3.28	-3.32	-0.29	Inf	4.91	24.00
6165MHz	Pass	5.20	-3.18	-3.29	-0.22	Inf	4.98	24.00
6405MHz	Pass	5.20	-2.78	-3.55	-0.14	Inf	5.06	24.00
6445MHz	Pass	5.20	-2.58	-3.34	0.07	Inf	5.27	24.00
6485MHz	Pass	5.20	-3.31	-3.35	-0.32	Inf	4.88	24.00



Conducted Output Power(Average) - ST M.2, PCIe Module

Appendix B.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6525MHz Straddle 6.425-6.525GHz	Pass	5.20	-2.98	-3.05	-0.00	Inf	5.20	24.00
6565MHz	Pass	5.20	-3.15	-3.95	-0.52	Inf	4.68	24.00
6725MHz	Pass	5.20	-3.21	-3.54	-0.36	Inf	4.84	24.00
6845MHz	Pass	5.20	-3.41	-3.45	-0.42	Inf	4.78	24.00
6885MHz Straddle 6.525-6.875GHz	Pass	5.20	-3.14	-3.19	-0.15	Inf	5.05	24.00
6925MHz	Pass	5.20	-3.35	-3.15	-0.24	Inf	4.96	24.00
7005MHz	Pass	5.20	-4.25	-3.31	-0.74	Inf	4.46	24.00
7085MHz	Pass	5.20	-3.95	-3.08	-0.48	Inf	4.72	24.00
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	5.20	-0.09	-0.15	2.89	Inf	8.09	24.00
6165MHz	Pass	5.20	-0.17	-0.3	2.78	Inf	7.98	24.00
6405MHz	Pass	5.20	0.51	-0.15	3.20	Inf	8.40	24.00
6445MHz	Pass	5.20	0.32	-0.52	2.93	Inf	8.13	24.00
6485MHz	Pass	5.20	-0.05	-0.15	2.91	Inf	8.11	24.00
6525MHz Straddle 6.425-6.525GHz	Pass	5.20	0.05	-0.07	3.00	Inf	8.20	24.00
6565MHz	Pass	5.20	-0.15	-0.35	2.76	Inf	7.96	24.00
6725MHz	Pass	5.20	-0.24	-0.54	2.62	Inf	7.82	24.00
6845MHz	Pass	5.20	-0.08	-0.17	2.89	Inf	8.09	24.00
6885MHz Straddle 6.525-6.875GHz	Pass	5.20	0.31	0.28	3.31	Inf	8.51	24.00
6925MHz	Pass	5.20	-0.05	0.09	3.03	Inf	8.23	24.00
7005MHz	Pass	5.20	-0.95	-0.22	2.44	Inf	7.64	24.00
7085MHz	Pass	5.20	-0.75	0.51	2.94	Inf	8.14	24.00
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.20	-8.78	-8.84	-5.80	Inf	-0.60	24.00
6145MHz	Pass	5.20	-8.76	-9.35	-6.03	Inf	-0.83	24.00
6385MHz	Pass	5.20	-8.11	-9.34	-5.67	Inf	-0.47	24.00
6465MHz	Pass	5.20	-8.39	-9.05	-5.70	Inf	-0.50	24.00
6545MHz Straddle 6.425-6.525GHz	Pass	5.20	-8.82	-9.44	-6.11	Inf	-0.91	24.00
6625MHz	Pass	5.20	-9.09	-9.51	-6.28	Inf	-1.08	24.00
6705MHz	Pass	5.20	-8.84	-8.86	-5.84	Inf	-0.64	24.00
6785MHz	Pass	5.20	-9.15	-9.22	-6.17	Inf	-0.97	24.00
6865MHz Straddle 6.525-6.875GHz	Pass	5.20	-9.33	-9.45	-6.38	Inf	-1.18	24.00
6945MHz	Pass	5.20	-8.89	-8.54	-5.70	Inf	-0.50	24.00
7025MHz	Pass	5.20	-9.25	-8.62	-5.91	Inf	-0.71	24.00
802.11ax HEW80_RU52_Index50_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.20	-6.58	-6.66	-3.61	Inf	1.59	24.00
6145MHz	Pass	5.20	-6.33	-6.64	-3.47	Inf	1.73	24.00
6385MHz	Pass	5.20	-6.29	-6.45	-3.36	Inf	1.84	24.00
6465MHz	Pass	5.20	-6.48	-6.84	-3.65	Inf	1.55	24.00
6545MHz Straddle 6.425-6.525GHz	Pass	5.20	-5.78	-6.89	-3.29	Inf	1.91	24.00



Conducted Output Power(Average) - ST M.2, PCIe Module

Appendix B.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6625MHz	Pass	5.20	-5.95	-6.49	-3.20	Inf	2.00	24.00
6705MHz	Pass	5.20	-6.27	-5.71	-2.97	Inf	2.23	24.00
6785MHz	Pass	5.20	-6.75	-6.62	-3.67	Inf	1.53	24.00
6865MHz Straddle 6.525-6.875GHz	Pass	5.20	-6.75	-6.29	-3.50	Inf	1.70	24.00
6945MHz	Pass	5.20	-6.63	-6.02	-3.30	Inf	1.90	24.00
7025MHz	Pass	5.20	-6.89	-5.92	-3.37	Inf	1.83	24.00
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.20	-3.22	-3.29	-0.24	Inf	4.96	24.00
6145MHz	Pass	5.20	-2.95	-3.33	-0.13	Inf	5.07	24.00
6385MHz	Pass	5.20	-3.44	-3.58	-0.50	Inf	4.70	24.00
6465MHz	Pass	5.20	-3.44	-3.89	-0.65	Inf	4.55	24.00
6545MHz Straddle 6.425-6.525GHz	Pass	5.20	-3.54	-4.22	-0.86	Inf	4.34	24.00
6625MHz	Pass	5.20	-3.21	-3.66	-0.42	Inf	4.78	24.00
6705MHz	Pass	5.20	-3.33	-3.84	-0.57	Inf	4.63	24.00
6785MHz	Pass	5.20	-3.72	-3.88	-0.79	Inf	4.41	24.00
6865MHz Straddle 6.525-6.875GHz	Pass	5.20	-3.54	-3.32	-0.42	Inf	4.78	24.00
6945MHz	Pass	5.20	-3.64	-3.17	-0.39	Inf	4.81	24.00
7025MHz	Pass	5.20	-4.77	-3.88	-1.29	Inf	3.91	24.00
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.20	0.33	0.15	3.25	Inf	8.45	24.00
6145MHz	Pass	5.20	0.35	-0.15	3.12	Inf	8.32	24.00
6385MHz	Pass	5.20	0.98	-0.33	3.38	Inf	8.58	24.00
6465MHz	Pass	5.20	0.71	0.02	3.39	Inf	8.59	24.00
6545MHz Straddle 6.425-6.525GHz	Pass	5.20	0.42	-0.33	3.07	Inf	8.27	24.00
6625MHz	Pass	5.20	0.42	-0.25	3.11	Inf	8.31	24.00
6705MHz	Pass	5.20	0.22	-0.15	3.05	Inf	8.25	24.00
6785MHz	Pass	5.20	0.05	0.15	3.11	Inf	8.31	24.00
6865MHz Straddle 6.525-6.875GHz	Pass	5.20	0.24	0.33	3.30	Inf	8.50	24.00
6945MHz	Pass	5.20	0.25	0.69	3.49	Inf	8.69	24.00
7025MHz	Pass	5.20	-0.49	0.54	3.07	Inf	8.27	24.00
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	5.20	2.66	2.61	5.65	Inf	10.85	24.00
6145MHz	Pass	5.20	3.11	2.54	5.84	Inf	11.04	24.00
6385MHz	Pass	5.20	3.44	2.18	5.87	Inf	11.07	24.00
6465MHz	Pass	5.20	3.17	2.44	5.83	Inf	11.03	24.00
6545MHz Straddle 6.425-6.525GHz	Pass	5.20	3.02	2.22	5.65	Inf	10.85	24.00
6625MHz	Pass	5.20	2.98	2.3	5.66	Inf	10.86	24.00
6705MHz	Pass	5.20	2.94	2.33	5.66	Inf	10.86	24.00
6785MHz	Pass	5.20	2.91	2.85	5.89	Inf	11.09	24.00
6865MHz Straddle 6.525-6.875GHz	Pass	5.20	2.62	2.7	5.67	Inf	10.87	24.00



Conducted Output Power(Average) - ST M.2, PCIe Module

Appendix B.3

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6945MHz	Pass	5.20	2.46	2.88	5.69	Inf	10.89	24.00
7025MHz	Pass	5.20	2.15	2.69	5.44	Inf	10.64	24.00

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



Beamforming mode

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.925-6.425GHz	-	-	-	-
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	-9.06	0.00012	-0.85	0.00082
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	-6.43	0.00023	1.78	0.00151
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	-2.95	0.00051	5.26	0.00336
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	-9.13	0.00012	-0.92	0.00081
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	-6.01	0.00025	2.20	0.00166
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	-3.15	0.00048	5.06	0.00321
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	0.19	0.00104	8.40	0.00692
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	-8.68	0.00014	-0.47	0.00090
802.11ax HEW80_RU52_Index50,BF_80MHz_Nss1,(MCS0)_2TX	-6.37	0.00023	1.84	0.00153
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	-3.14	0.00049	5.07	0.00321
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	0.37	0.00109	8.58	0.00721
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	2.86	0.00193	11.07	0.01279
6.425-6.525GHz	-	-	-	-
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	-8.95	0.00013	-0.74	0.00084
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	-6.28	0.00024	1.93	0.00156
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	-2.87	0.00052	5.34	0.00342
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	-8.78	0.00013	-0.57	0.00088
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	-5.98	0.00025	2.23	0.00167
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	-2.94	0.00051	5.27	0.00337
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	-0.01	0.00100	8.20	0.00661
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	-8.71	0.00013	-0.50	0.00089
802.11ax HEW80_RU52_Index50,BF_80MHz_Nss1,(MCS0)_2TX	-6.30	0.00023	1.91	0.00155
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	-3.66	0.00043	4.55	0.00285
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	0.38	0.00109	8.59	0.00723
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	2.82	0.00191	11.03	0.01268
6.525-6.875GHz	-	-	-	-
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	-9.13	0.00012	-0.92	0.00081
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	-6.01	0.00025	2.20	0.00166
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	-2.96	0.00051	5.25	0.00335
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	-9.00	0.00013	-0.79	0.00083
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	-6.05	0.00025	2.16	0.00164
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	-3.16	0.00048	5.05	0.00320
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	0.30	0.00107	8.51	0.00710
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	-8.85	0.00013	-0.64	0.00086
802.11ax HEW80_RU52_Index50,BF_80MHz_Nss1,(MCS0)_2TX	-5.98	0.00025	2.23	0.00167
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	-3.43	0.00045	4.78	0.00301
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	0.29	0.00107	8.50	0.00708
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	2.88	0.00194	11.09	0.01285
6.875-7.125GHz	-	-	-	-

**Conducted Output Power(Average) - ST M.2, PCIe Module****Appendix B.4**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	-9.08	0.00012	-0.87	0.00082
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	-6.01	0.00025	2.20	0.00166
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	-3.01	0.00050	5.20	0.00331
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	-8.87	0.00013	-0.66	0.00086
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	-6.19	0.00024	2.02	0.00159
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	-3.25	0.00047	4.96	0.00313
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	0.02	0.00100	8.23	0.00665
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	-8.71	0.00013	-0.50	0.00089
802.11ax HEW80_RU52_Index50,BF_80MHz_Nss1,(MCS0)_2TX	-6.31	0.00023	1.90	0.00155
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	-3.40	0.00046	4.81	0.00303
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	0.48	0.00112	8.69	0.00740
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	2.68	0.00185	10.89	0.01227



Conducted Output Power(Average) - ST M.2, PCIe Module

Appendix B.4

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ax HEW20_RU26_Index3,BF_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	8.21	-12.05	-12.1	-9.06	Inf	-0.85	24.00
6175MHz	Pass	8.21	-12.15	-12.48	-9.30	Inf	-1.09	24.00
6415MHz	Pass	8.21	-11.54	-13.27	-9.31	Inf	-1.10	24.00
6435MHz	Pass	8.21	-11.63	-12.31	-8.95	Inf	-0.74	24.00
6475MHz	Pass	8.21	-11.99	-13.15	-9.52	Inf	-1.31	24.00
6515MHz	Pass	8.21	-12.19	-12.43	-9.30	Inf	-1.09	24.00
6535MHz	Pass	8.21	-11.94	-13.07	-9.46	Inf	-1.25	24.00
6715MHz	Pass	8.21	-12.06	-12.22	-9.13	Inf	-0.92	24.00
6855MHz	Pass	8.21	-12.67	-12.7	-9.67	Inf	-1.46	24.00
6875MHz Straddle 6.525-6.875GHz	Pass	8.21	-12.67	-12.65	-9.65	Inf	-1.44	24.00
6895MHz	Pass	8.21	-12.16	-12.03	-9.08	Inf	-0.87	24.00
7015MHz	Pass	8.21	-12.63	-12.26	-9.43	Inf	-1.22	24.00
7095MHz	Pass	8.21	-12.5	-12.37	-9.42	Inf	-1.21	24.00
7115MHz	Pass	8.21	-12.57	-12.96	-9.75	Inf	-1.54	24.00
802.11ax HEW20_RU52_Index38,BF_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	8.21	-9.29	-9.65	-6.46	Inf	1.75	24.00
6175MHz	Pass	8.21	-9.29	-9.67	-6.47	Inf	1.74	24.00
6415MHz	Pass	8.21	-8.81	-10.18	-6.43	Inf	1.78	24.00
6435MHz	Pass	8.21	-8.81	-9.88	-6.30	Inf	1.91	24.00
6475MHz	Pass	8.21	-8.68	-9.99	-6.28	Inf	1.93	24.00
6515MHz	Pass	8.21	-9.12	-9.49	-6.29	Inf	1.92	24.00
6535MHz	Pass	8.21	-8.86	-9.9	-6.34	Inf	1.87	24.00
6715MHz	Pass	8.21	-9.23	-9.6	-6.40	Inf	1.81	24.00
6855MHz	Pass	8.21	-8.92	-9.12	-6.01	Inf	2.20	24.00
6875MHz Straddle 6.525-6.875GHz	Pass	8.21	-9.23	-9.26	-6.23	Inf	1.98	24.00
6895MHz	Pass	8.21	-9.27	-9.12	-6.18	Inf	2.03	24.00
7015MHz	Pass	8.21	-9.34	-8.73	-6.01	Inf	2.20	24.00
7095MHz	Pass	8.21	-9.85	-9.27	-6.54	Inf	1.67	24.00
7115MHz	Pass	8.21	-9.34	-10.53	-6.88	Inf	1.33	24.00
802.11ax HEW20_RU106_Index53,BF_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	8.21	-6.12	-6.46	-3.28	Inf	4.93	24.00
6175MHz	Pass	8.21	-5.79	-6.14	-2.95	Inf	5.26	24.00
6415MHz	Pass	8.21	-5.34	-7.13	-3.13	Inf	5.08	24.00
6435MHz	Pass	8.21	-5.62	-6.72	-3.12	Inf	5.09	24.00
6475MHz	Pass	8.21	-6.09	-7.13	-3.57	Inf	4.64	24.00
6515MHz	Pass	8.21	-5.65	-6.13	-2.87	Inf	5.34	24.00
6535MHz	Pass	8.21	-5.5	-6.49	-2.96	Inf	5.25	24.00
6715MHz	Pass	8.21	-6.04	-6.89	-3.43	Inf	4.78	24.00



Conducted Output Power(Average) - ST M.2, PCIe Module

Appendix B.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6855MHz	Pass	8.21	-6.34	-6.46	-3.39	Inf	4.82	24.00
6875MHz Straddle 6.525-6.875GHz	Pass	8.21	-6.43	-6.33	-3.37	Inf	4.84	24.00
6895MHz	Pass	8.21	-6.04	-6	-3.01	Inf	5.20	24.00
7015MHz	Pass	8.21	-6.59	-6	-3.27	Inf	4.94	24.00
7095MHz	Pass	8.21	-6.55	-6.1	-3.31	Inf	4.90	24.00
7115MHz	Pass	8.21	-7.18	-7.86	-4.50	Inf	3.71	24.00
802.11ax HEW40_RU26_Index12,BF_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	8.21	-12.13	-12.16	-9.13	Inf	-0.92	24.00
6165MHz	Pass	8.21	-12.12	-12.44	-9.27	Inf	-1.06	24.00
6405MHz	Pass	8.21	-11.83	-12.63	-9.20	Inf	-0.99	24.00
6445MHz	Pass	8.21	-12.02	-12.78	-9.37	Inf	-1.16	24.00
6485MHz	Pass	8.21	-12.13	-12.24	-9.17	Inf	-0.96	24.00
6525MHz Straddle 6.425-6.525GHz	Pass	8.21	-11.76	-11.83	-8.78	Inf	-0.57	24.00
6565MHz	Pass	8.21	-12.06	-12.99	-9.49	Inf	-1.28	24.00
6725MHz	Pass	8.21	-11.89	-12.34	-9.10	Inf	-0.89	24.00
6845MHz	Pass	8.21	-12.07	-12.13	-9.09	Inf	-0.88	24.00
6885MHz Straddle 6.525-6.875GHz	Pass	8.21	-11.96	-12.07	-9.00	Inf	-0.79	24.00
6925MHz	Pass	8.21	-12.76	-12.42	-9.58	Inf	-1.37	24.00
7005MHz	Pass	8.21	-12.34	-11.46	-8.87	Inf	-0.66	24.00
7085MHz	Pass	8.21	-13.35	-12.14	-9.69	Inf	-1.48	24.00
802.11ax HEW40_RU52_Index42,BF_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	8.21	-9.16	-9.18	-6.16	Inf	2.05	24.00
6165MHz	Pass	8.21	-8.82	-9.23	-6.01	Inf	2.20	24.00
6405MHz	Pass	8.21	-8.69	-9.79	-6.19	Inf	2.02	24.00
6445MHz	Pass	8.21	-9.06	-9.71	-6.36	Inf	1.85	24.00
6485MHz	Pass	8.21	-9.37	-9.4	-6.37	Inf	1.84	24.00
6525MHz Straddle 6.425-6.525GHz	Pass	8.21	-8.92	-9.07	-5.98	Inf	2.23	24.00
6565MHz	Pass	8.21	-9.17	-9.46	-6.30	Inf	1.91	24.00
6725MHz	Pass	8.21	-8.88	-9.3	-6.07	Inf	2.14	24.00
6845MHz	Pass	8.21	-8.96	-9.16	-6.05	Inf	2.16	24.00
6885MHz Straddle 6.525-6.875GHz	Pass	8.21	-9.7	-9.76	-6.72	Inf	1.49	24.00
6925MHz	Pass	8.21	-9.79	-9.49	-6.63	Inf	1.58	24.00
7005MHz	Pass	8.21	-9.55	-8.88	-6.19	Inf	2.02	24.00
7085MHz	Pass	8.21	-9.99	-8.76	-6.32	Inf	1.89	24.00
802.11ax HEW40_RU106_Index54,BF_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	8.21	-6.29	-6.33	-3.30	Inf	4.91	24.00
6165MHz	Pass	8.21	-6.19	-6.3	-3.23	Inf	4.98	24.00
6405MHz	Pass	8.21	-5.79	-6.56	-3.15	Inf	5.06	24.00
6445MHz	Pass	8.21	-5.59	-6.35	-2.94	Inf	5.27	24.00
6485MHz	Pass	8.21	-6.32	-6.36	-3.33	Inf	4.88	24.00



Conducted Output Power(Average) - ST M.2, PCIe Module

Appendix B.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6525MHz Straddle 6.425-6.525GHz	Pass	8.21	-5.99	-6.06	-3.01	Inf	5.20	24.00
6565MHz	Pass	8.21	-6.16	-6.96	-3.53	Inf	4.68	24.00
6725MHz	Pass	8.21	-6.22	-6.55	-3.37	Inf	4.84	24.00
6845MHz	Pass	8.21	-6.42	-6.46	-3.43	Inf	4.78	24.00
6885MHz Straddle 6.525-6.875GHz	Pass	8.21	-6.15	-6.2	-3.16	Inf	5.05	24.00
6925MHz	Pass	8.21	-6.36	-6.16	-3.25	Inf	4.96	24.00
7005MHz	Pass	8.21	-7.26	-6.32	-3.75	Inf	4.46	24.00
7085MHz	Pass	8.21	-6.96	-6.09	-3.49	Inf	4.72	24.00
802.11ax HEW40_RU242_Index61,BF_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	8.21	-3.1	-3.16	-0.12	Inf	8.09	24.00
6165MHz	Pass	8.21	-3.18	-3.31	-0.23	Inf	7.98	24.00
6405MHz	Pass	8.21	-2.5	-3.16	0.19	Inf	8.40	24.00
6445MHz	Pass	8.21	-2.69	-3.53	-0.08	Inf	8.13	24.00
6485MHz	Pass	8.21	-3.06	-3.16	-0.10	Inf	8.11	24.00
6525MHz Straddle 6.425-6.525GHz	Pass	8.21	-2.96	-3.08	-0.01	Inf	8.20	24.00
6565MHz	Pass	8.21	-3.16	-3.36	-0.25	Inf	7.96	24.00
6725MHz	Pass	8.21	-3.25	-3.55	-0.39	Inf	7.82	24.00
6845MHz	Pass	8.21	-3.09	-3.18	-0.12	Inf	8.09	24.00
6885MHz Straddle 6.525-6.875GHz	Pass	8.21	-2.7	-2.73	0.30	Inf	8.51	24.00
6925MHz	Pass	8.21	-3.06	-2.92	0.02	Inf	8.23	24.00
7005MHz	Pass	8.21	-3.96	-3.23	-0.57	Inf	7.64	24.00
7085MHz	Pass	8.21	-3.76	-2.5	-0.07	Inf	8.14	24.00
802.11ax HEW80_RU26_Index21,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	8.21	-11.79	-11.85	-8.81	Inf	-0.60	24.00
6145MHz	Pass	8.21	-11.77	-12.36	-9.04	Inf	-0.83	24.00
6385MHz	Pass	8.21	-11.12	-12.35	-8.68	Inf	-0.47	24.00
6465MHz	Pass	8.21	-11.4	-12.06	-8.71	Inf	-0.50	24.00
6545MHz Straddle 6.425-6.525GHz	Pass	8.21	-11.83	-12.45	-9.12	Inf	-0.91	24.00
6625MHz	Pass	8.21	-12.1	-12.52	-9.29	Inf	-1.08	24.00
6705MHz	Pass	8.21	-11.85	-11.87	-8.85	Inf	-0.64	24.00
6785MHz	Pass	8.21	-12.16	-12.23	-9.18	Inf	-0.97	24.00
6865MHz Straddle 6.525-6.875GHz	Pass	8.21	-12.34	-12.46	-9.39	Inf	-1.18	24.00
6945MHz	Pass	8.21	-11.9	-11.55	-8.71	Inf	-0.50	24.00
7025MHz	Pass	8.21	-12.26	-11.63	-8.92	Inf	-0.71	24.00
802.11ax HEW80_RU52_Index50,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	8.21	-9.59	-9.67	-6.62	Inf	1.59	24.00
6145MHz	Pass	8.21	-9.34	-9.65	-6.48	Inf	1.73	24.00
6385MHz	Pass	8.21	-9.3	-9.46	-6.37	Inf	1.84	24.00
6465MHz	Pass	8.21	-9.49	-9.85	-6.66	Inf	1.55	24.00
6545MHz Straddle 6.425-6.525GHz	Pass	8.21	-8.79	-9.9	-6.30	Inf	1.91	24.00



Conducted Output Power(Average) - ST M.2, PCIe Module

Appendix B.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6625MHz	Pass	8.21	-8.96	-9.5	-6.21	Inf	2.00	24.00
6705MHz	Pass	8.21	-9.28	-8.72	-5.98	Inf	2.23	24.00
6785MHz	Pass	8.21	-9.76	-9.63	-6.68	Inf	1.53	24.00
6865MHz Straddle 6.525-6.875GHz	Pass	8.21	-9.76	-9.3	-6.51	Inf	1.70	24.00
6945MHz	Pass	8.21	-9.64	-9.03	-6.31	Inf	1.90	24.00
7025MHz	Pass	8.21	-9.9	-8.93	-6.38	Inf	1.83	24.00
802.11ax HEW80_RU106_Index58,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	8.21	-6.23	-6.3	-3.25	Inf	4.96	24.00
6145MHz	Pass	8.21	-5.96	-6.34	-3.14	Inf	5.07	24.00
6385MHz	Pass	8.21	-6.45	-6.59	-3.51	Inf	4.70	24.00
6465MHz	Pass	8.21	-6.45	-6.9	-3.66	Inf	4.55	24.00
6545MHz Straddle 6.425-6.525GHz	Pass	8.21	-6.55	-7.23	-3.87	Inf	4.34	24.00
6625MHz	Pass	8.21	-6.22	-6.67	-3.43	Inf	4.78	24.00
6705MHz	Pass	8.21	-6.34	-6.85	-3.58	Inf	4.63	24.00
6785MHz	Pass	8.21	-6.73	-6.89	-3.80	Inf	4.41	24.00
6865MHz Straddle 6.525-6.875GHz	Pass	8.21	-6.55	-6.33	-3.43	Inf	4.78	24.00
6945MHz	Pass	8.21	-6.65	-6.18	-3.40	Inf	4.81	24.00
7025MHz	Pass	8.21	-7.78	-6.89	-4.30	Inf	3.91	24.00
802.11ax HEW80_RU242_Index62,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	8.21	-2.68	-2.86	0.24	Inf	8.45	24.00
6145MHz	Pass	8.21	-2.66	-3.16	0.11	Inf	8.32	24.00
6385MHz	Pass	8.21	-2.03	-3.34	0.37	Inf	8.58	24.00
6465MHz	Pass	8.21	-2.3	-2.99	0.38	Inf	8.59	24.00
6545MHz Straddle 6.425-6.525GHz	Pass	8.21	-2.59	-3.34	0.06	Inf	8.27	24.00
6625MHz	Pass	8.21	-2.59	-3.26	0.10	Inf	8.31	24.00
6705MHz	Pass	8.21	-2.79	-3.16	0.04	Inf	8.25	24.00
6785MHz	Pass	8.21	-2.96	-2.86	0.10	Inf	8.31	24.00
6865MHz Straddle 6.525-6.875GHz	Pass	8.21	-2.77	-2.68	0.29	Inf	8.50	24.00
6945MHz	Pass	8.21	-2.76	-2.32	0.48	Inf	8.69	24.00
7025MHz	Pass	8.21	-3.5	-2.47	0.06	Inf	8.27	24.00
802.11ax HEW80_RU484_Index65,BF_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	8.21	-0.35	-0.4	2.64	Inf	10.85	24.00
6145MHz	Pass	8.21	0.1	-0.47	2.83	Inf	11.04	24.00
6385MHz	Pass	8.21	0.43	-0.83	2.86	Inf	11.07	24.00
6465MHz	Pass	8.21	0.16	-0.57	2.82	Inf	11.03	24.00
6545MHz Straddle 6.425-6.525GHz	Pass	8.21	0.01	-0.79	2.64	Inf	10.85	24.00
6625MHz	Pass	8.21	-0.03	-0.71	2.65	Inf	10.86	24.00
6705MHz	Pass	8.21	-0.07	-0.68	2.65	Inf	10.86	24.00
6785MHz	Pass	8.21	-0.1	-0.16	2.88	Inf	11.09	24.00
6865MHz Straddle 6.525-6.875GHz	Pass	8.21	-0.39	-0.31	2.66	Inf	10.87	24.00



Conducted Output Power(Average) - ST M.2, PCIe Module

Appendix B.4

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
6945MHz	Pass	8.21	-0.55	-0.13	2.68	Inf	10.89	24.00
7025MHz	Pass	8.21	-0.86	-0.32	2.43	Inf	10.64	24.00

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

Remarks:

Directional gain = $5.2 + 10 \cdot \log(2/1) = 8.21$ dBi



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.925-6.425GHz	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	-9.95	-1.74
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	-9.96	-1.75
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	-9.86	-1.65
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	-10.25	-2.04
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	-9.97	-1.76
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	-9.90	-1.69
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	-9.86	-1.65
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	-9.89	-1.68
802.11ax HEW80_RU52_Index50_80MHz_Nss1,(MCS0)_2TX	-10.01	-1.80
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	-9.87	-1.66
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	-9.92	-1.71
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	-9.83	-1.62
6.425-6.525GHz	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	-10.00	-1.79
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	-9.86	-1.65
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	-9.88	-1.67
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	-9.92	-1.71
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	-9.90	-1.69
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	-9.85	-1.64
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	-9.91	-1.70
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	-9.90	-1.69
802.11ax HEW80_RU52_Index50_80MHz_Nss1,(MCS0)_2TX	-9.98	-1.77
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	-10.22	-2.01
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	-9.96	-1.75
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	-9.99	-1.78
6.525-6.875GHz	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	-10.03	-1.82
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	-9.91	-1.70
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	-9.86	-1.65
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	-9.97	-1.76
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	-9.91	-1.70
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	-9.99	-1.78
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	-9.87	-1.66
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	-9.97	-1.76
802.11ax HEW80_RU52_Index50_80MHz_Nss1,(MCS0)_2TX	-9.91	-1.70
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	-9.85	-1.64
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	-9.81	-1.60
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	-10.03	-1.82
6.875-7.125GHz	-	-
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	-10.05	-1.84
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	-9.88	-1.67



Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	-9.95	-1.74
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	-10.01	-1.80
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	-9.87	-1.66
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	-10.03	-1.82
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	-9.92	-1.71
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	-9.83	-1.62
802.11ax HEW80_RU52_Index50_80MHz_Nss1,(MCS0)_2TX	-9.90	-1.69
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	-9.87	-1.66
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	-9.81	-1.60
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	-10.05	-1.84

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20_RU26_Index3_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	8.21	-13.41	-12.41	-9.95	Inf	-1.74	-1.00
6175MHz	Pass	8.21	-13.29	-13.34	-10.34	Inf	-2.13	-1.00
6415MHz	Pass	8.21	-12.72	-13.95	-10.32	Inf	-2.11	-1.00
6435MHz	Pass	8.21	-12.57	-13.30	-10.00	Inf	-1.79	-1.00
6475MHz	Pass	8.21	-12.82	-13.69	-10.34	Inf	-2.13	-1.00
6515MHz	Pass	8.21	-12.89	-12.98	-10.02	Inf	-1.81	-1.00
6535MHz	Pass	8.21	-12.96	-13.50	-10.36	Inf	-2.15	-1.00
6715MHz	Pass	8.21	-13.00	-12.96	-10.03	Inf	-1.82	-1.00
6855MHz	Pass	8.21	-13.10	-13.10	-10.18	Inf	-1.97	-1.00
6875MHz Straddle 6.525-6.875GHz	Pass	8.21	-13.20	-13.11	-10.24	Inf	-2.03	-1.00
6895MHz	Pass	8.21	-13.08	-12.94	-10.07	Inf	-1.86	-1.00
7015MHz	Pass	8.21	-13.25	-12.86	-10.11	Inf	-1.90	-1.00
7095MHz	Pass	8.21	-13.13	-12.70	-10.05	Inf	-1.84	-1.00
7115MHz	Pass	8.21	-13.59	-13.34	-10.52	Inf	-2.31	-1.00
802.11ax HEW20_RU52_Index38_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	8.21	-12.85	-12.92	-10.05	Inf	-1.84	-1.00
6175MHz	Pass	8.21	-13.15	-13.28	-10.22	Inf	-2.01	-1.00
6415MHz	Pass	8.21	-12.19	-13.75	-9.96	Inf	-1.75	-1.00
6435MHz	Pass	8.21	-12.48	-13.04	-9.86	Inf	-1.65	-1.00
6475MHz	Pass	8.21	-12.52	-13.31	-9.97	Inf	-1.76	-1.00
6515MHz	Pass	8.21	-12.64	-12.90	-9.87	Inf	-1.66	-1.00
6535MHz	Pass	8.21	-12.59	-12.93	-9.91	Inf	-1.70	-1.00
6715MHz	Pass	8.21	-12.99	-12.87	-10.04	Inf	-1.83	-1.00
6855MHz	Pass	8.21	-12.79	-13.11	-10.06	Inf	-1.85	-1.00
6875MHz Straddle 6.525-6.875GHz	Pass	8.21	-12.83	-13.46	-10.18	Inf	-1.97	-1.00
6895MHz	Pass	8.21	-12.84	-12.59	-9.88	Inf	-1.67	-1.00
7015MHz	Pass	8.21	-13.16	-12.60	-9.89	Inf	-1.68	-1.00
7095MHz	Pass	8.21	-13.32	-12.85	-10.14	Inf	-1.93	-1.00
7115MHz	Pass	8.21	-13.80	-13.71	-10.81	Inf	-2.60	-1.00
802.11ax HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5955MHz	Pass	8.21	-13.25	-12.58	-10.05	Inf	-1.84	-1.00
6175MHz	Pass	8.21	-12.74	-12.87	-9.86	Inf	-1.65	-1.00
6415MHz	Pass	8.21	-12.16	-13.52	-9.91	Inf	-1.70	-1.00
6435MHz	Pass	8.21	-12.58	-13.54	-10.07	Inf	-1.86	-1.00
6475MHz	Pass	8.21	-12.71	-13.40	-10.16	Inf	-1.95	-1.00
6515MHz	Pass	8.21	-12.57	-12.69	-9.88	Inf	-1.67	-1.00
6535MHz	Pass	8.21	-12.56	-12.82	-9.86	Inf	-1.65	-1.00
6715MHz	Pass	8.21	-13.12	-13.14	-10.18	Inf	-1.97	-1.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
6855MHz	Pass	8.21	-12.58	-13.09	-9.90	Inf	-1.69	-1.00
6875MHz Straddle 6.525-6.875GHz	Pass	8.21	-12.77	-13.18	-10.08	Inf	-1.87	-1.00
6895MHz	Pass	8.21	-12.84	-12.66	-9.95	Inf	-1.74	-1.00
7015MHz	Pass	8.21	-13.42	-12.86	-10.12	Inf	-1.91	-1.00
7095MHz	Pass	8.21	-13.40	-12.57	-10.00	Inf	-1.79	-1.00
7115MHz	Pass	8.21	-14.62	-14.44	-11.66	Inf	-3.45	-1.00
802.11ax HEW40_RU26_Index12_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	8.21	-13.59	-12.77	-10.28	Inf	-2.07	-1.00
6165MHz	Pass	8.21	-13.19	-13.27	-10.25	Inf	-2.04	-1.00
6405MHz	Pass	8.21	-12.89	-13.48	-10.27	Inf	-2.06	-1.00
6445MHz	Pass	8.21	-12.90	-13.16	-10.10	Inf	-1.89	-1.00
6485MHz	Pass	8.21	-13.25	-12.85	-10.11	Inf	-1.90	-1.00
6525MHz Straddle 6.425-6.525GHz	Pass	8.21	-13.05	-12.72	-9.92	Inf	-1.71	-1.00
6565MHz	Pass	8.21	-13.04	-13.13	-10.08	Inf	-1.87	-1.00
6725MHz	Pass	8.21	-13.21	-12.82	-10.04	Inf	-1.83	-1.00
6845MHz	Pass	8.21	-13.18	-12.87	-10.05	Inf	-1.84	-1.00
6885MHz Straddle 6.525-6.875GHz	Pass	8.21	-13.11	-12.79	-9.97	Inf	-1.76	-1.00
6925MHz	Pass	8.21	-13.54	-13.25	-10.38	Inf	-2.17	-1.00
7005MHz	Pass	8.21	-13.02	-12.85	-10.01	Inf	-1.80	-1.00
7085MHz	Pass	8.21	-13.80	-12.97	-10.35	Inf	-2.14	-1.00
802.11ax HEW40_RU52_Index42_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	8.21	-13.21	-12.67	-9.99	Inf	-1.78	-1.00
6165MHz	Pass	8.21	-12.67	-12.92	-9.97	Inf	-1.76	-1.00
6405MHz	Pass	8.21	-12.64	-13.18	-9.99	Inf	-1.78	-1.00
6445MHz	Pass	8.21	-12.77	-13.45	-10.16	Inf	-1.95	-1.00
6485MHz	Pass	8.21	-12.96	-12.87	-9.98	Inf	-1.77	-1.00
6525MHz Straddle 6.425-6.525GHz	Pass	8.21	-12.89	-12.84	-9.90	Inf	-1.69	-1.00
6565MHz	Pass	8.21	-12.66	-13.05	-9.91	Inf	-1.70	-1.00
6725MHz	Pass	8.21	-13.00	-13.01	-10.08	Inf	-1.87	-1.00
6845MHz	Pass	8.21	-12.92	-12.72	-9.95	Inf	-1.74	-1.00
6885MHz Straddle 6.525-6.875GHz	Pass	8.21	-13.22	-12.95	-10.27	Inf	-2.06	-1.00
6925MHz	Pass	8.21	-13.14	-12.93	-10.06	Inf	-1.85	-1.00
7005MHz	Pass	8.21	-12.94	-12.59	-9.90	Inf	-1.69	-1.00
7085MHz	Pass	8.21	-13.29	-12.36	-9.87	Inf	-1.66	-1.00
802.11ax HEW40_RU106_Index54_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	8.21	-13.10	-12.73	-10.04	Inf	-1.83	-1.00
6165MHz	Pass	8.21	-12.96	-13.17	-10.12	Inf	-1.91	-1.00
6405MHz	Pass	8.21	-12.44	-13.09	-9.90	Inf	-1.69	-1.00
6445MHz	Pass	8.21	-12.57	-13.00	-9.85	Inf	-1.64	-1.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
6485MHz	Pass	8.21	-12.84	-12.95	-10.04	Inf	-1.83	-1.00
6525MHz Straddle 6.425-6.525GHz	Pass	8.21	-12.96	-12.74	-9.98	Inf	-1.77	-1.00
6565MHz	Pass	8.21	-12.95	-13.11	-10.06	Inf	-1.85	-1.00
6725MHz	Pass	8.21	-12.92	-12.87	-9.99	Inf	-1.78	-1.00
6845MHz	Pass	8.21	-13.03	-12.88	-10.07	Inf	-1.86	-1.00
6885MHz Straddle 6.525-6.875GHz	Pass	8.21	-13.00	-12.79	-10.02	Inf	-1.81	-1.00
6925MHz	Pass	8.21	-13.22	-12.74	-10.10	Inf	-1.89	-1.00
7005MHz	Pass	8.21	-13.67	-13.06	-10.47	Inf	-2.26	-1.00
7085MHz	Pass	8.21	-13.43	-12.53	-10.03	Inf	-1.82	-1.00
802.11ax HEW40_RU242_Index61_40MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5965MHz	Pass	8.21	-13.81	-12.52	-10.20	Inf	-1.99	-1.00
6165MHz	Pass	8.21	-12.73	-12.71	-9.86	Inf	-1.65	-1.00
6405MHz	Pass	8.21	-12.60	-13.10	-9.92	Inf	-1.71	-1.00
6445MHz	Pass	8.21	-12.81	-13.20	-10.14	Inf	-1.93	-1.00
6485MHz	Pass	8.21	-12.98	-12.70	-9.91	Inf	-1.70	-1.00
6525MHz Straddle 6.425-6.525GHz	Pass	8.21	-12.99	-12.77	-9.98	Inf	-1.77	-1.00
6565MHz	Pass	8.21	-12.84	-13.13	-10.07	Inf	-1.86	-1.00
6725MHz	Pass	8.21	-13.21	-13.03	-10.22	Inf	-2.01	-1.00
6845MHz	Pass	8.21	-12.77	-13.16	-10.04	Inf	-1.83	-1.00
6885MHz Straddle 6.525-6.875GHz	Pass	8.21	-13.08	-12.58	-9.87	Inf	-1.66	-1.00
6925MHz	Pass	8.21	-13.27	-12.75	-10.11	Inf	-1.90	-1.00
7005MHz	Pass	8.21	-13.42	-12.80	-10.20	Inf	-1.99	-1.00
7085MHz	Pass	8.21	-13.18	-12.53	-9.92	Inf	-1.71	-1.00
802.11ax HEW80_RU26_Index21_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	8.21	-13.28	-12.48	-9.97	Inf	-1.76	-1.00
6145MHz	Pass	8.21	-12.92	-13.15	-10.04	Inf	-1.83	-1.00
6385MHz	Pass	8.21	-12.73	-12.99	-9.89	Inf	-1.68	-1.00
6465MHz	Pass	8.21	-12.32	-13.41	-9.90	Inf	-1.69	-1.00
6545MHz Straddle 6.425-6.525GHz	Pass	8.21	-13.23	-12.91	-10.13	Inf	-1.92	-1.00
6625MHz	Pass	8.21	-13.05	-13.11	-10.19	Inf	-1.98	-1.00
6705MHz	Pass	8.21	-13.15	-12.83	-9.98	Inf	-1.77	-1.00
6785MHz	Pass	8.21	-13.29	-12.70	-9.97	Inf	-1.76	-1.00
6865MHz Straddle 6.525-6.875GHz	Pass	8.21	-13.61	-13.06	-10.32	Inf	-2.11	-1.00
6945MHz	Pass	8.21	-13.29	-12.28	-9.83	Inf	-1.62	-1.00
7025MHz	Pass	8.21	-13.36	-12.56	-9.97	Inf	-1.76	-1.00
802.11ax HEW80_RU52_Index50_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	8.21	-13.41	-12.90	-10.16	Inf	-1.95	-1.00
6145MHz	Pass	8.21	-13.42	-13.57	-10.48	Inf	-2.27	-1.00
6385MHz	Pass	8.21	-12.66	-13.30	-10.01	Inf	-1.80	-1.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
6465MHz	Pass	8.21	-12.90	-13.78	-10.37	Inf	-2.16	-1.00
6545MHz Straddle 6.425-6.525GHz	Pass	8.21	-12.87	-13.11	-9.98	Inf	-1.77	-1.00
6625MHz	Pass	8.21	-12.78	-13.00	-9.95	Inf	-1.74	-1.00
6705MHz	Pass	8.21	-12.92	-12.76	-9.91	Inf	-1.70	-1.00
6785MHz	Pass	8.21	-13.25	-13.17	-10.31	Inf	-2.10	-1.00
6865MHz Straddle 6.525-6.875GHz	Pass	8.21	-13.27	-13.05	-10.23	Inf	-2.02	-1.00
6945MHz	Pass	8.21	-12.90	-12.73	-9.90	Inf	-1.69	-1.00
7025MHz	Pass	8.21	-13.41	-12.49	-9.93	Inf	-1.72	-1.00
802.11ax HEW80_RU106_Index58_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	8.21	-13.03	-12.59	-9.87	Inf	-1.66	-1.00
6145MHz	Pass	8.21	-12.90	-12.80	-9.89	Inf	-1.68	-1.00
6385MHz	Pass	8.21	-12.70	-13.23	-9.99	Inf	-1.78	-1.00
6465MHz	Pass	8.21	-13.00	-13.48	-10.27	Inf	-2.06	-1.00
6545MHz Straddle 6.425-6.525GHz	Pass	8.21	-12.89	-13.33	-10.22	Inf	-2.01	-1.00
6625MHz	Pass	8.21	-12.97	-12.98	-10.10	Inf	-1.89	-1.00
6705MHz	Pass	8.21	-13.09	-13.09	-10.29	Inf	-2.08	-1.00
6785MHz	Pass	8.21	-13.22	-12.91	-10.20	Inf	-1.99	-1.00
6865MHz Straddle 6.525-6.875GHz	Pass	8.21	-12.72	-12.66	-9.85	Inf	-1.64	-1.00
6945MHz	Pass	8.21	-12.96	-12.73	-9.87	Inf	-1.66	-1.00
7025MHz	Pass	8.21	-13.70	-13.00	-10.33	Inf	-2.12	-1.00
802.11ax HEW80_RU242_Index62_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	8.21	-13.31	-12.54	-9.94	Inf	-1.73	-1.00
6145MHz	Pass	8.21	-13.05	-12.99	-10.10	Inf	-1.89	-1.00
6385MHz	Pass	8.21	-12.64	-12.99	-9.92	Inf	-1.71	-1.00
6465MHz	Pass	8.21	-12.76	-13.05	-9.96	Inf	-1.75	-1.00
6545MHz Straddle 6.425-6.525GHz	Pass	8.21	-12.72	-13.03	-9.99	Inf	-1.78	-1.00
6625MHz	Pass	8.21	-13.04	-13.12	-10.24	Inf	-2.03	-1.00
6705MHz	Pass	8.21	-12.75	-12.74	-9.81	Inf	-1.60	-1.00
6785MHz	Pass	8.21	-13.04	-12.91	-10.16	Inf	-1.95	-1.00
6865MHz Straddle 6.525-6.875GHz	Pass	8.21	-12.90	-12.67	-9.88	Inf	-1.67	-1.00
6945MHz	Pass	8.21	-13.16	-12.35	-9.81	Inf	-1.60	-1.00
7025MHz	Pass	8.21	-13.22	-12.65	-10.05	Inf	-1.84	-1.00
802.11ax HEW80_RU484_Index65_80MHz_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5985MHz	Pass	8.21	-13.40	-12.72	-10.13	Inf	-1.92	-1.00
6145MHz	Pass	8.21	-12.83	-13.01	-10.01	Inf	-1.80	-1.00
6385MHz	Pass	8.21	-12.47	-13.08	-9.83	Inf	-1.62	-1.00
6465MHz	Pass	8.21	-12.80	-13.15	-10.08	Inf	-1.87	-1.00
6545MHz Straddle 6.425-6.525GHz	Pass	8.21	-12.65	-12.91	-9.99	Inf	-1.78	-1.00
6625MHz	Pass	8.21	-13.16	-13.27	-10.35	Inf	-2.14	-1.00



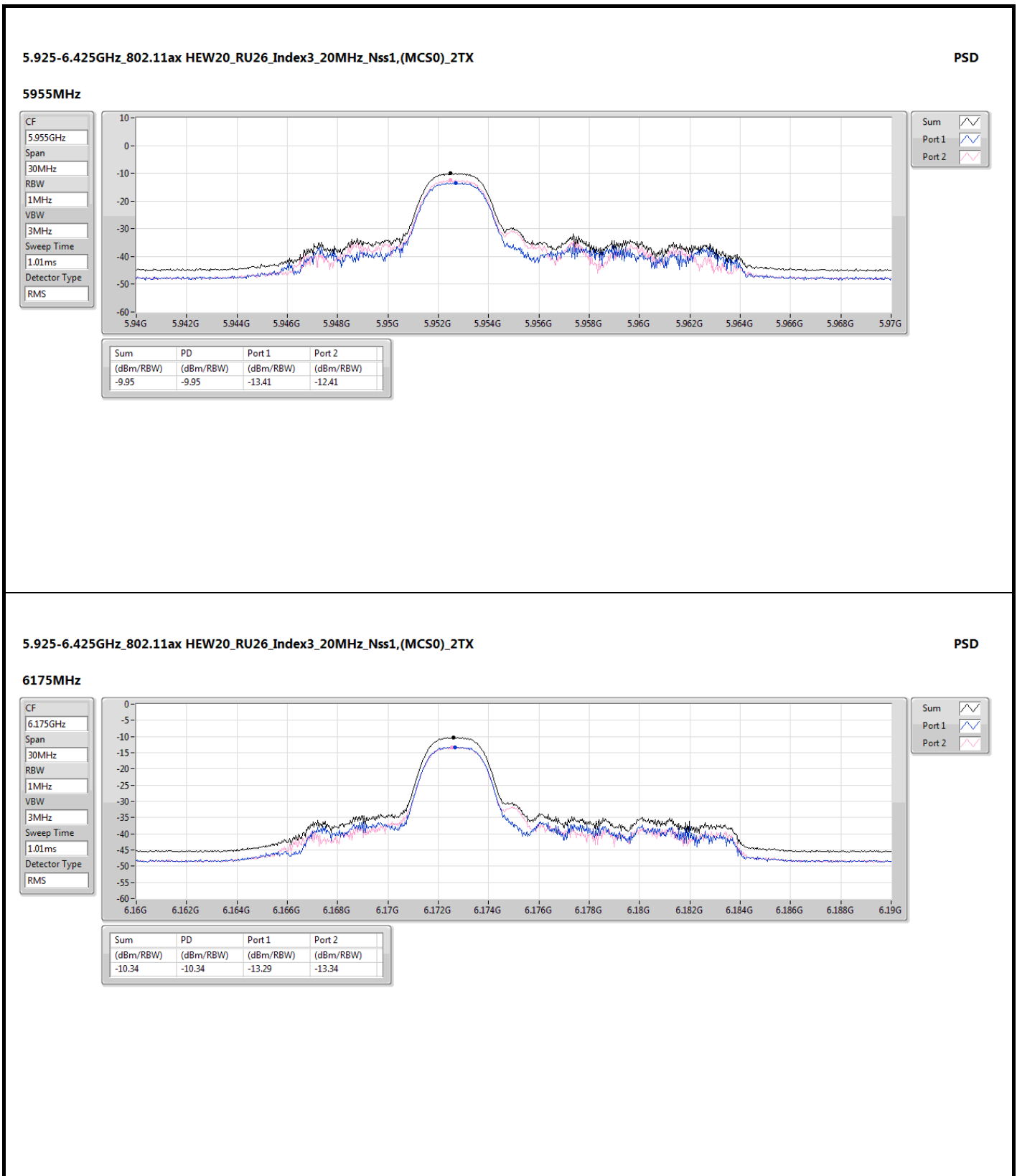
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
6705MHz	Pass	8.21	-13.01	-12.93	-10.11	Inf	-1.90	-1.00
6785MHz	Pass	8.21	-13.16	-12.79	-10.03	Inf	-1.82	-1.00
6865MHz Straddle 6.525-6.875GHz	Pass	8.21	-13.42	-13.23	-10.31	Inf	-2.10	-1.00
6945MHz	Pass	8.21	-13.43	-12.79	-10.19	Inf	-1.98	-1.00
7025MHz	Pass	8.21	-13.06	-12.96	-10.05	Inf	-1.84	-1.00

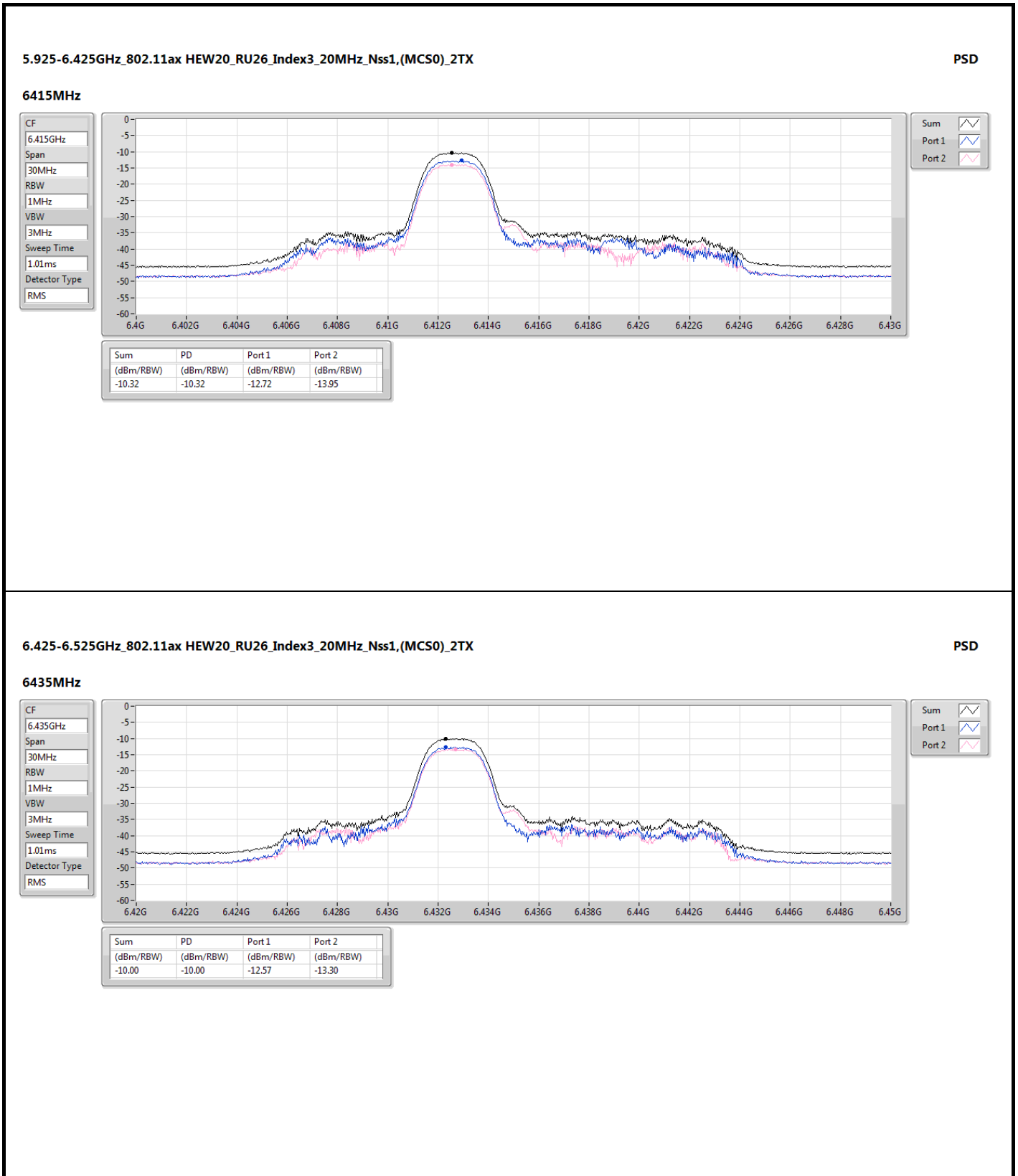
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

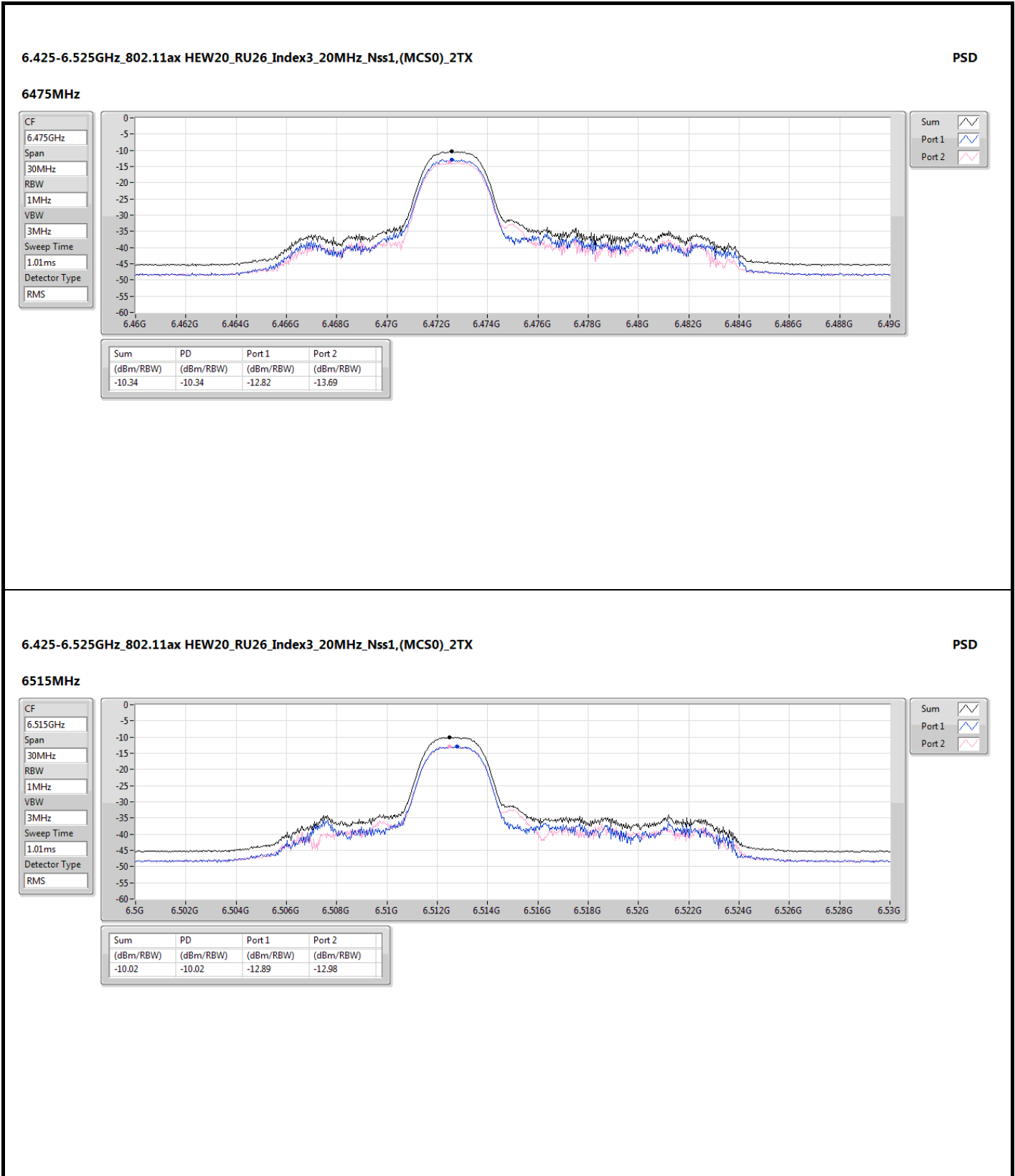
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

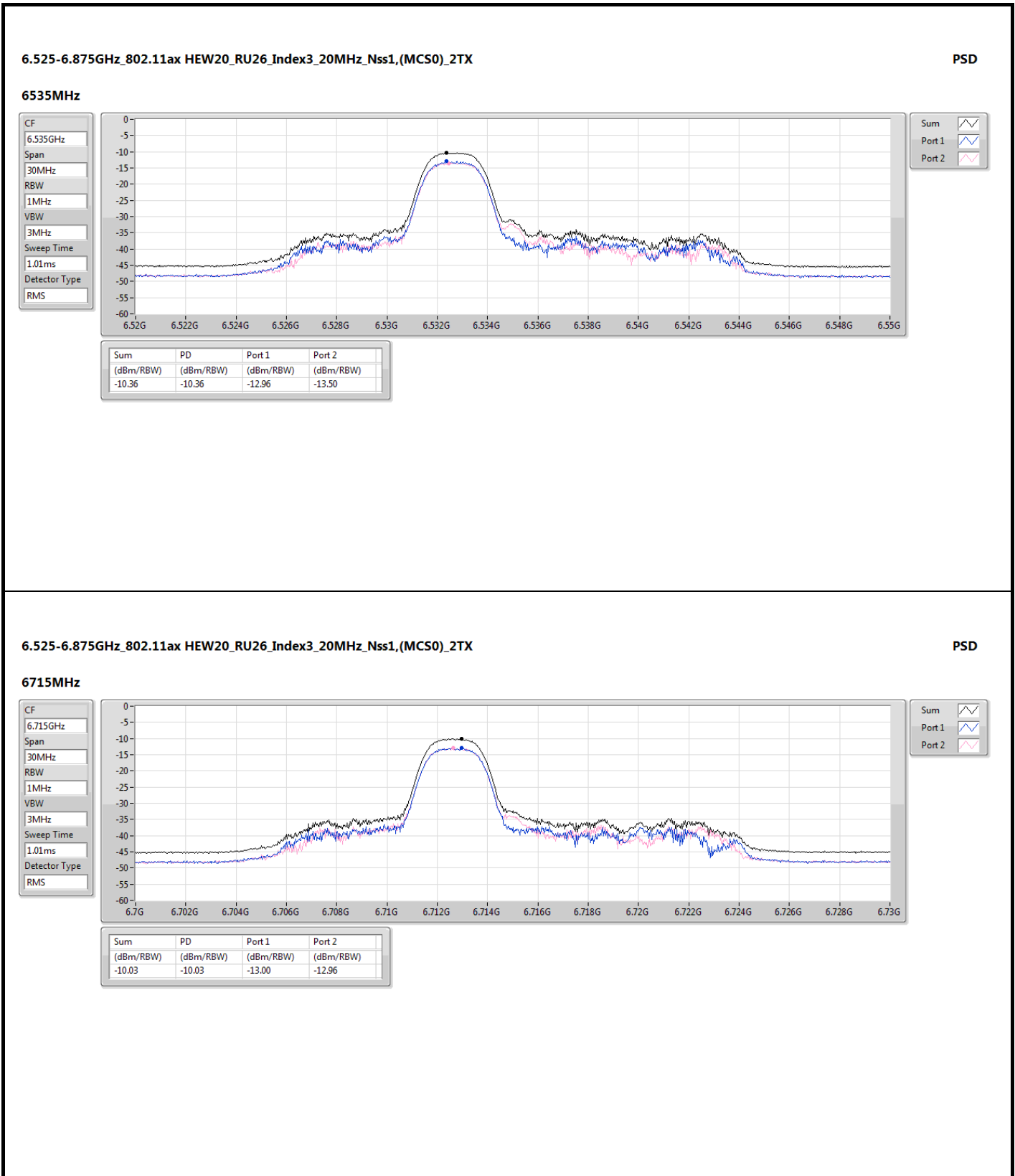
Remarks:

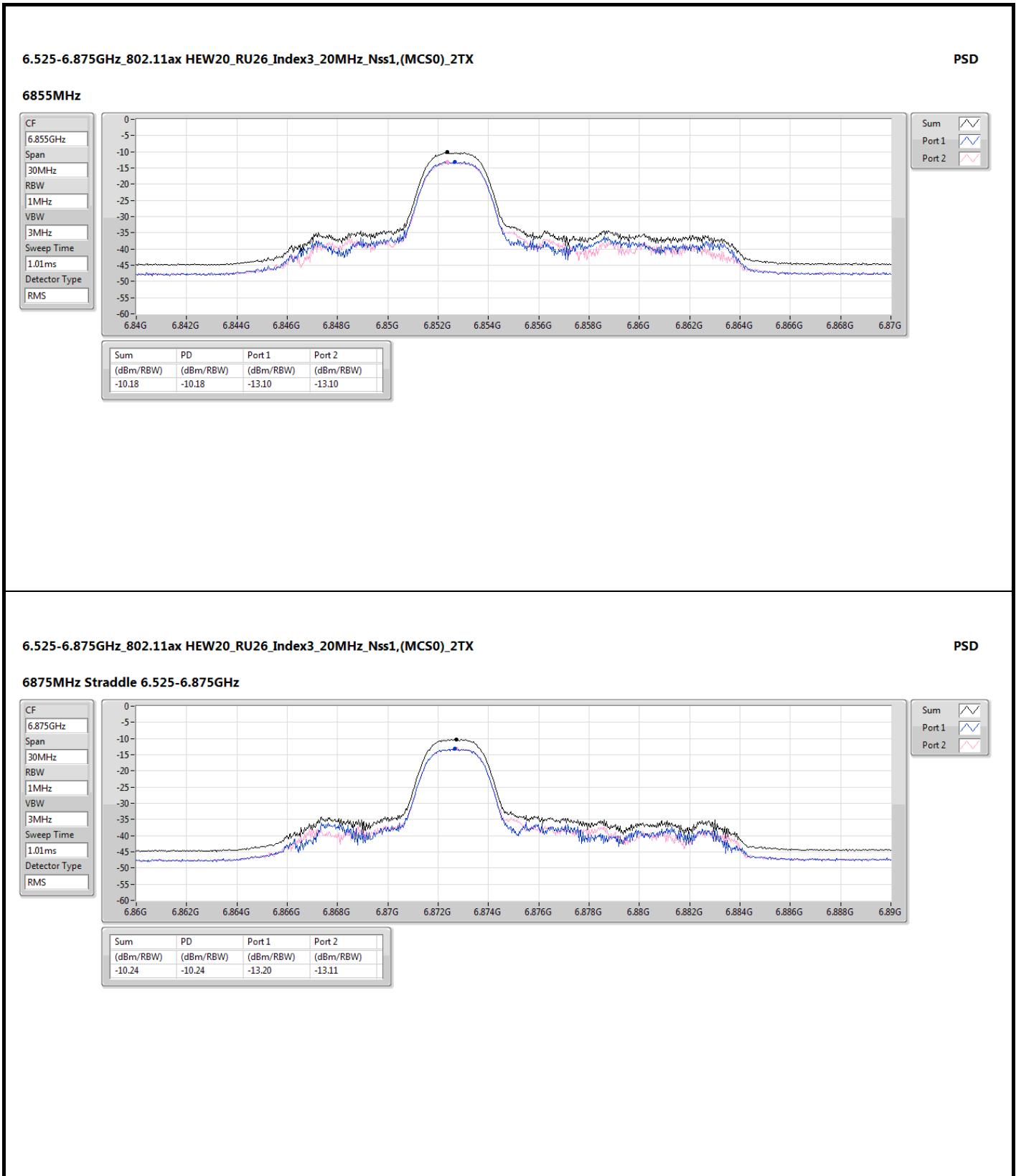
Directional gain = $5.2 + 10 \cdot \log(2/1) = 8.21$ dBi

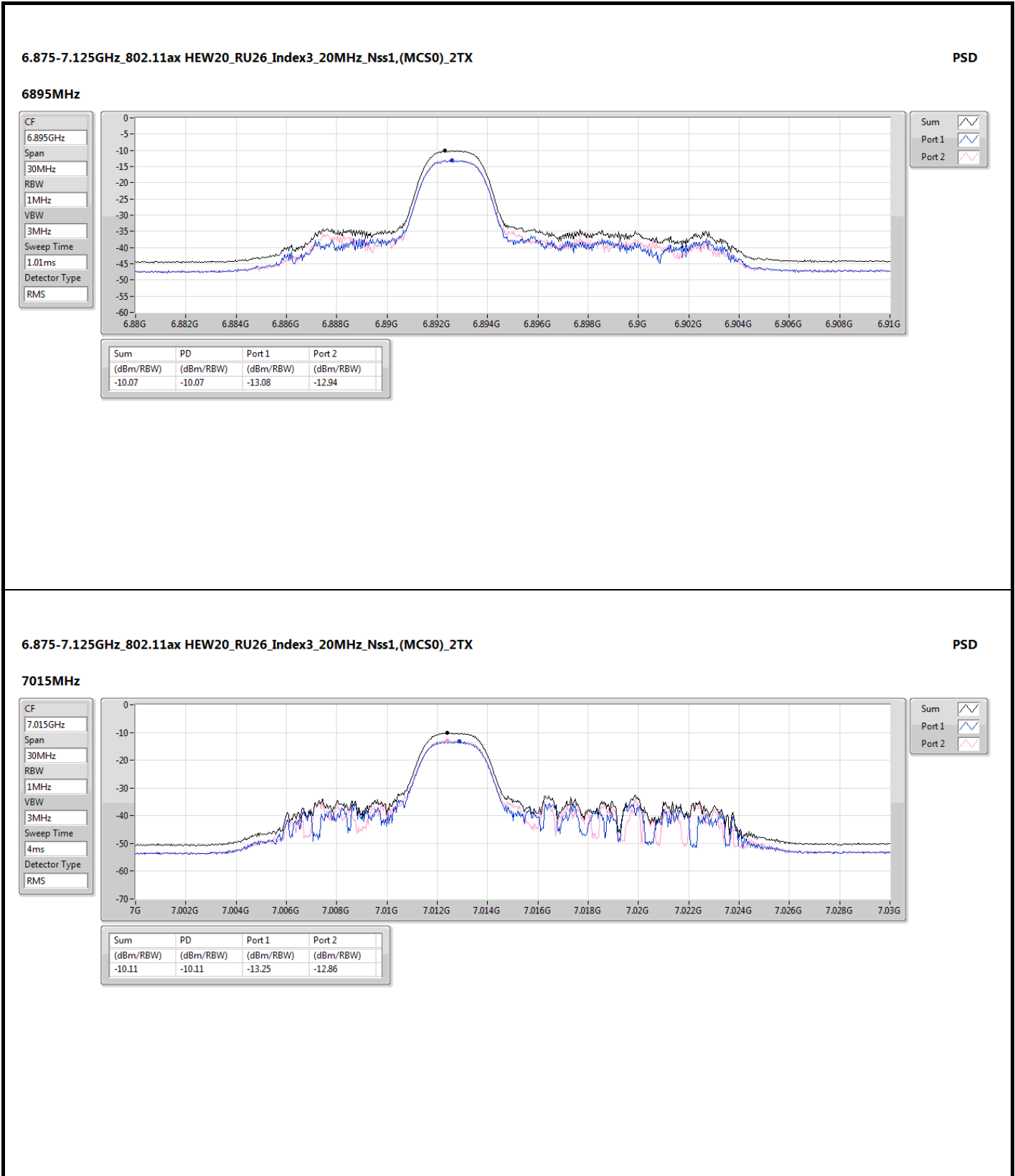


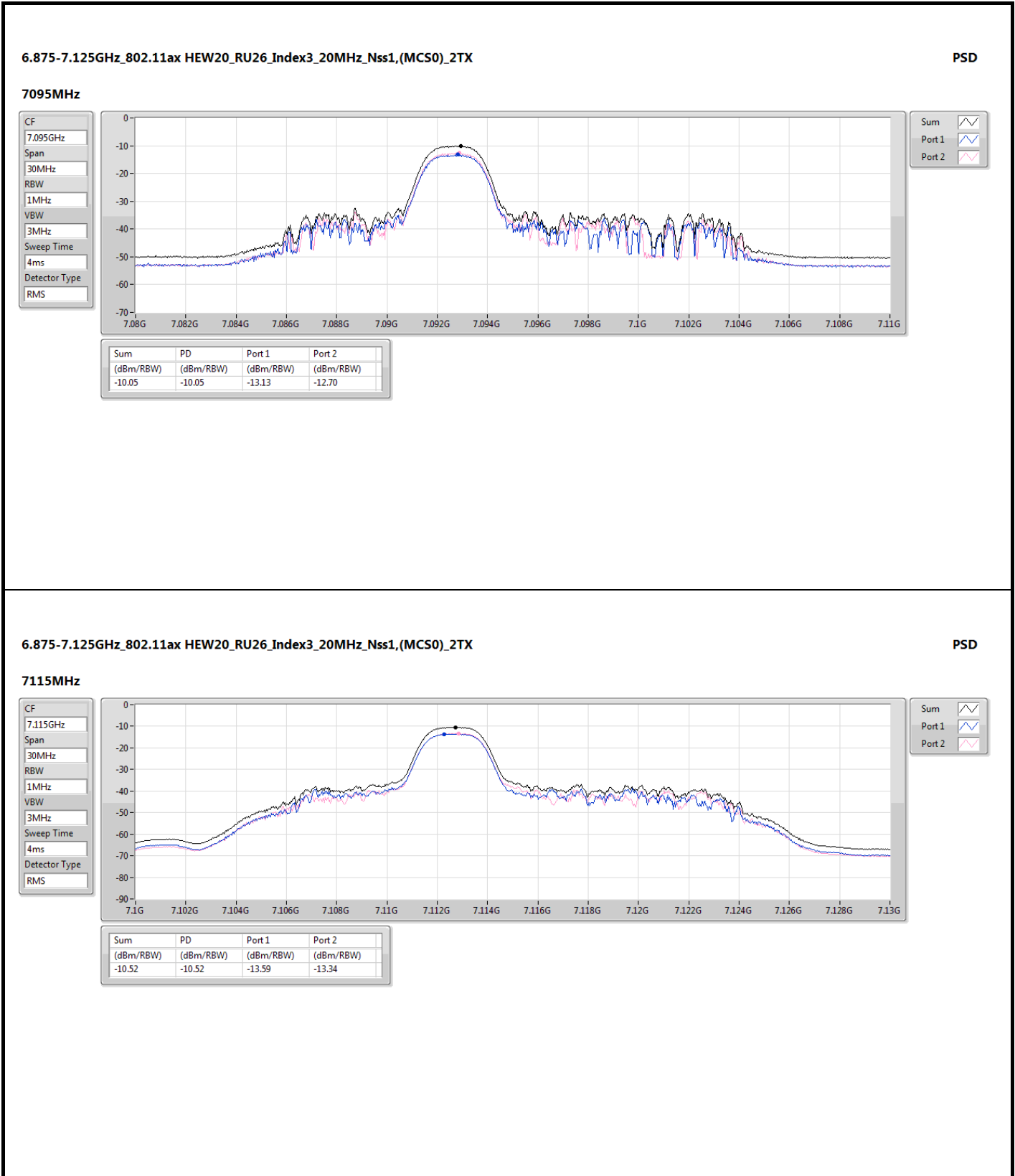


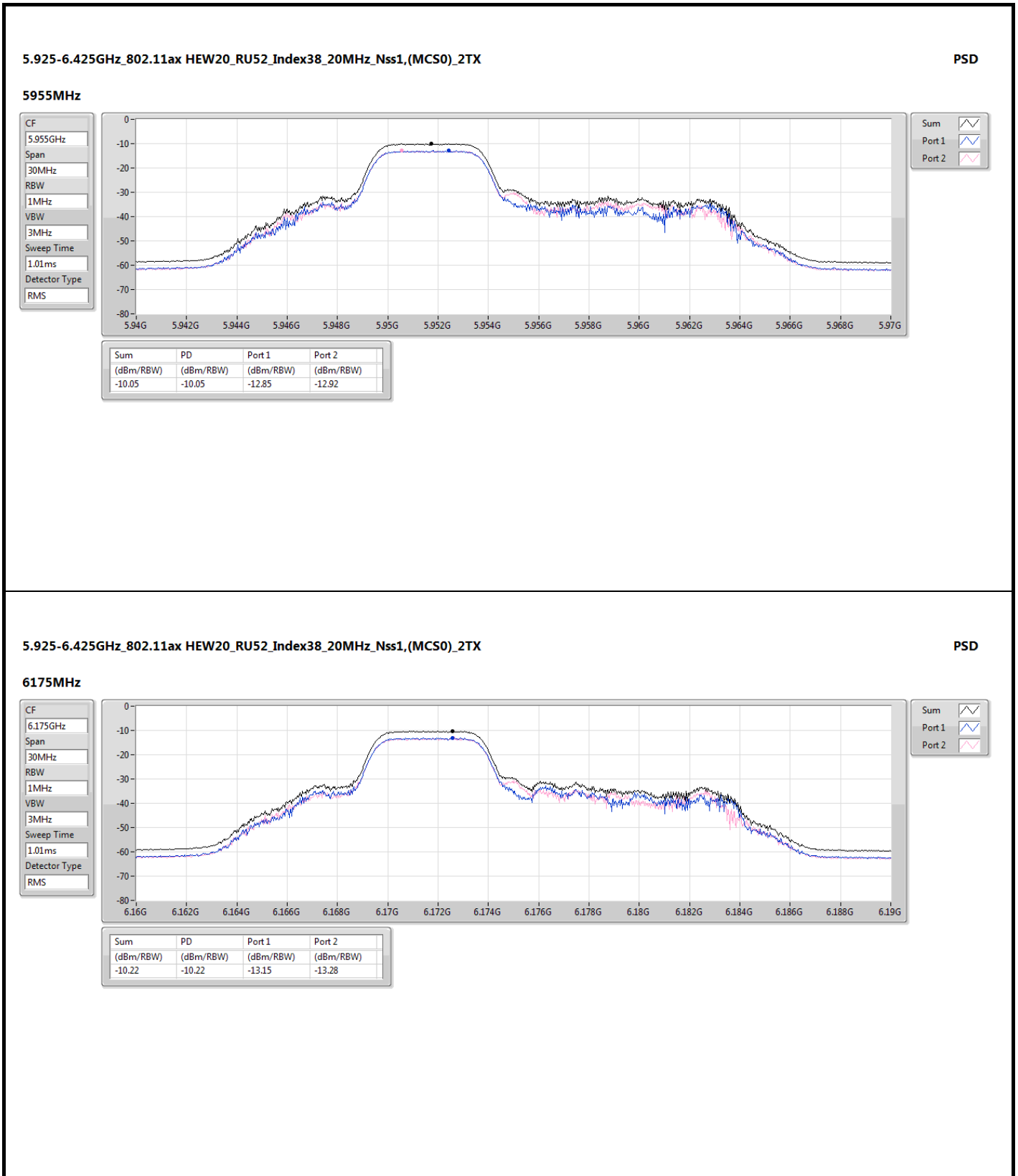


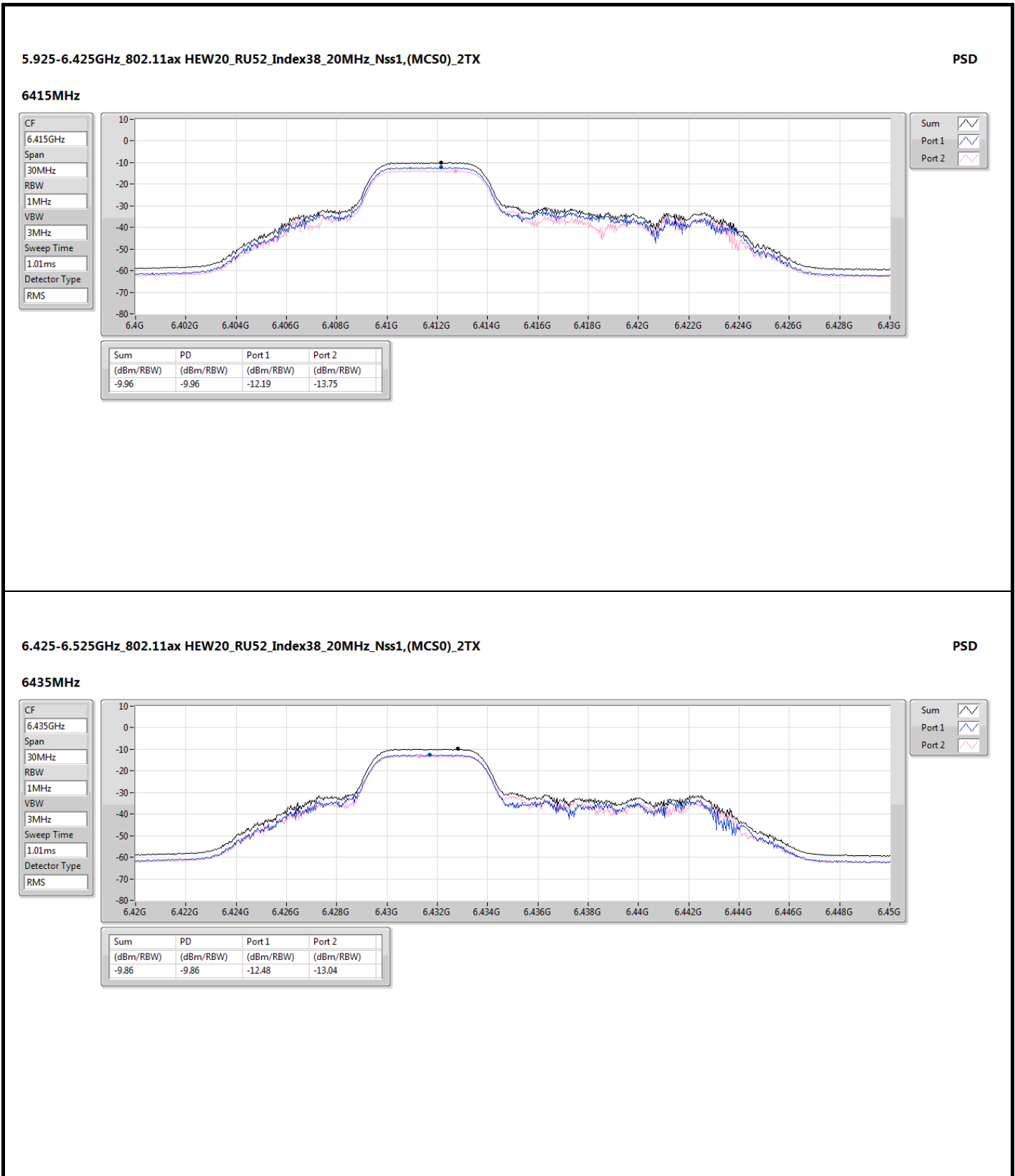


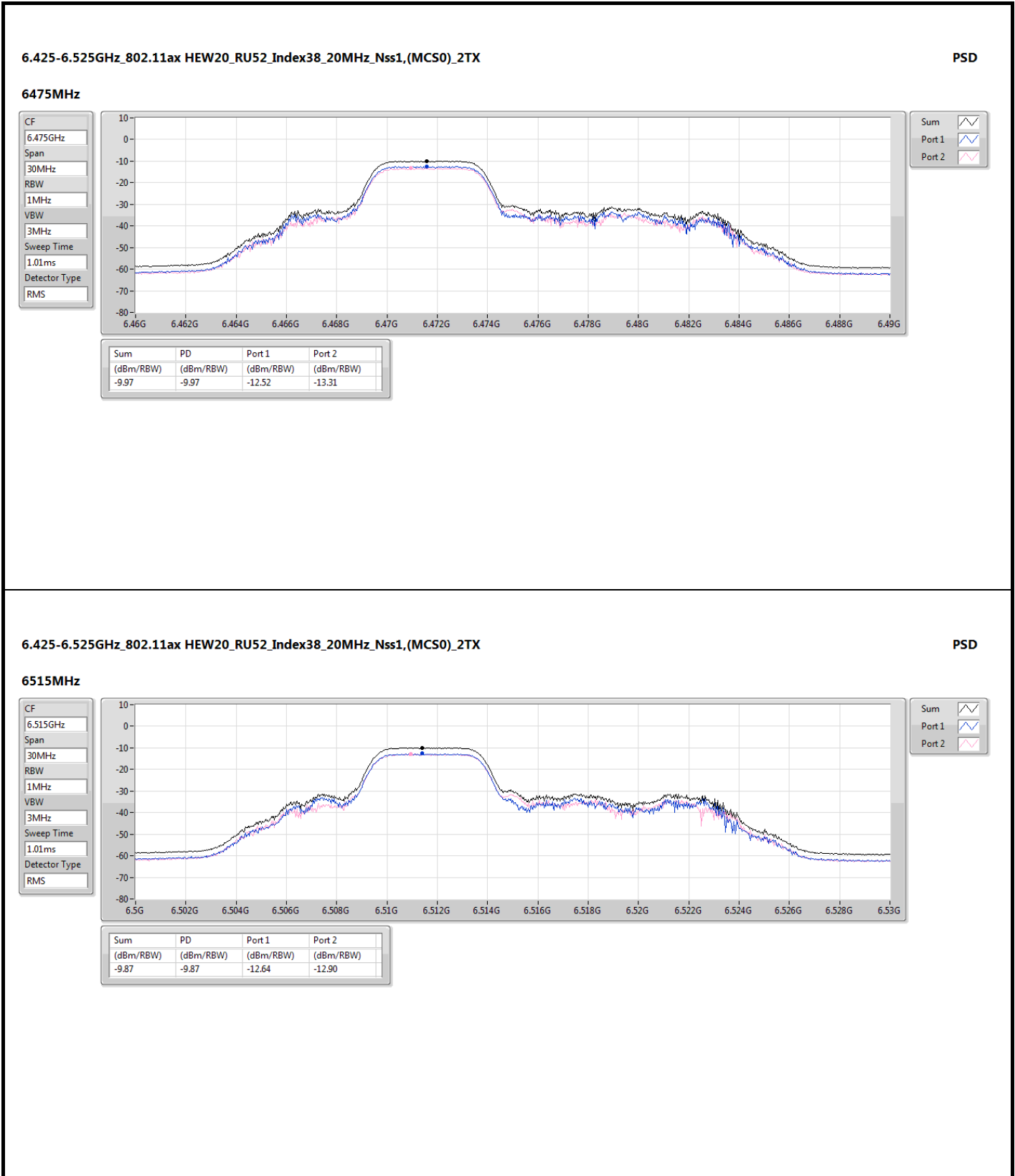


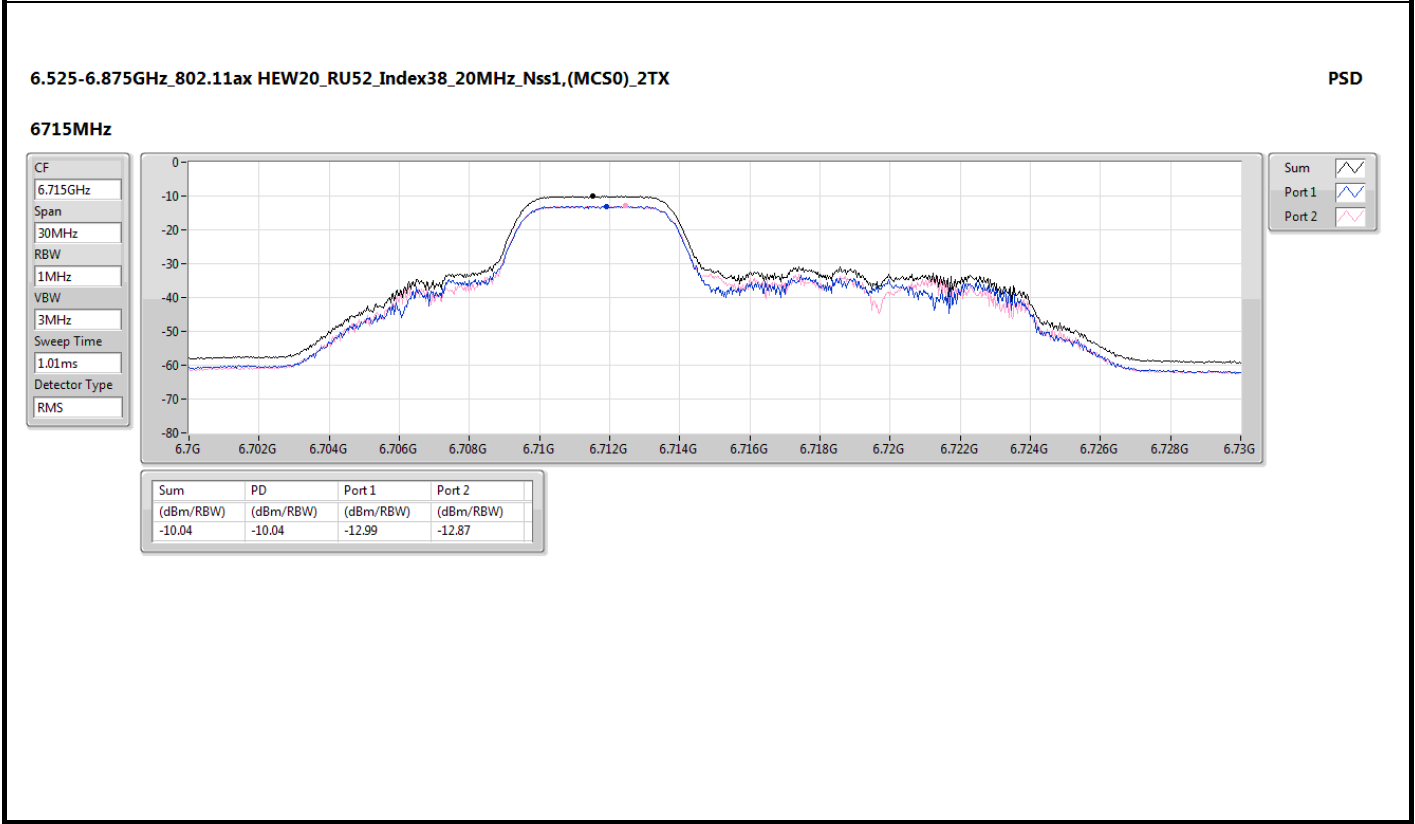
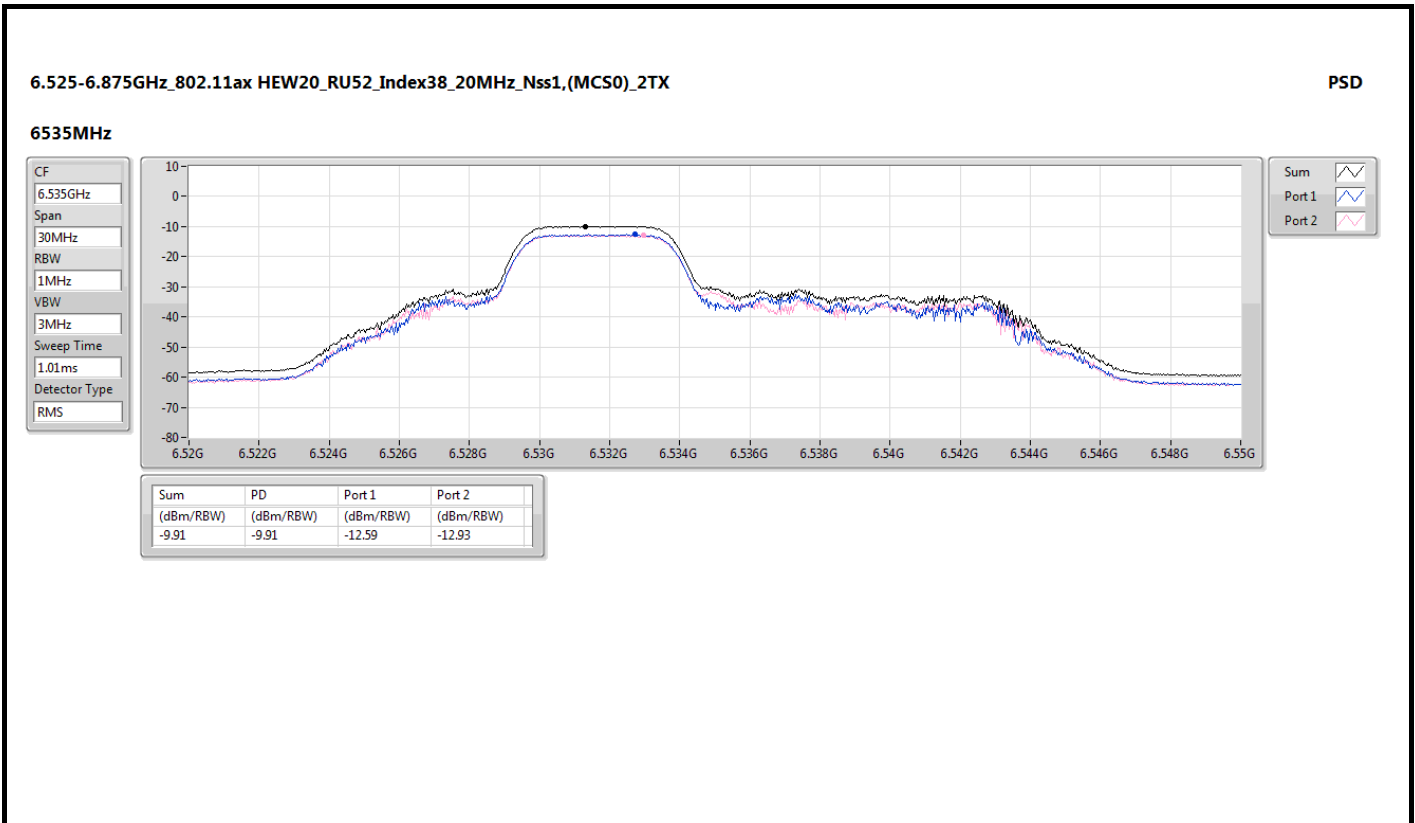


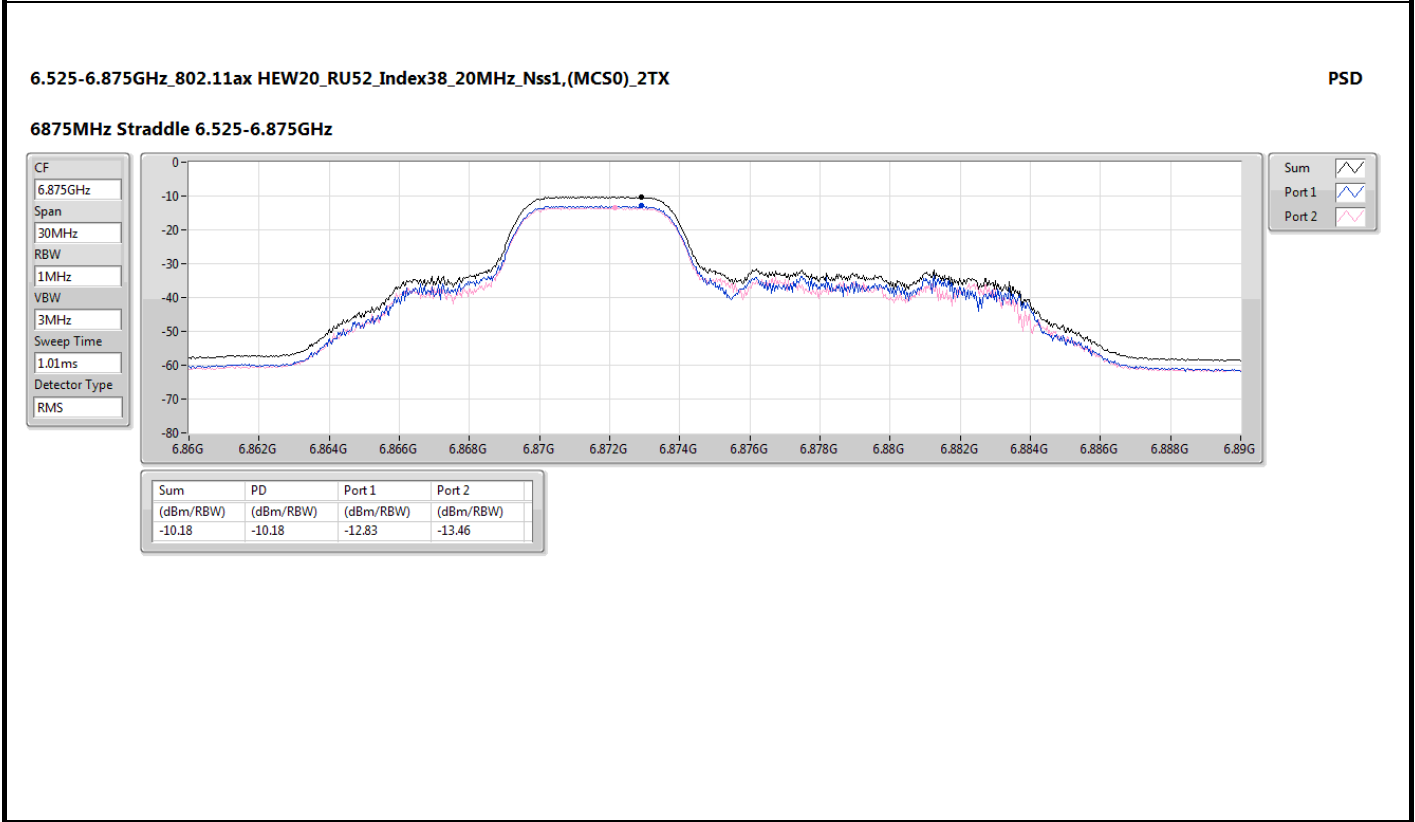
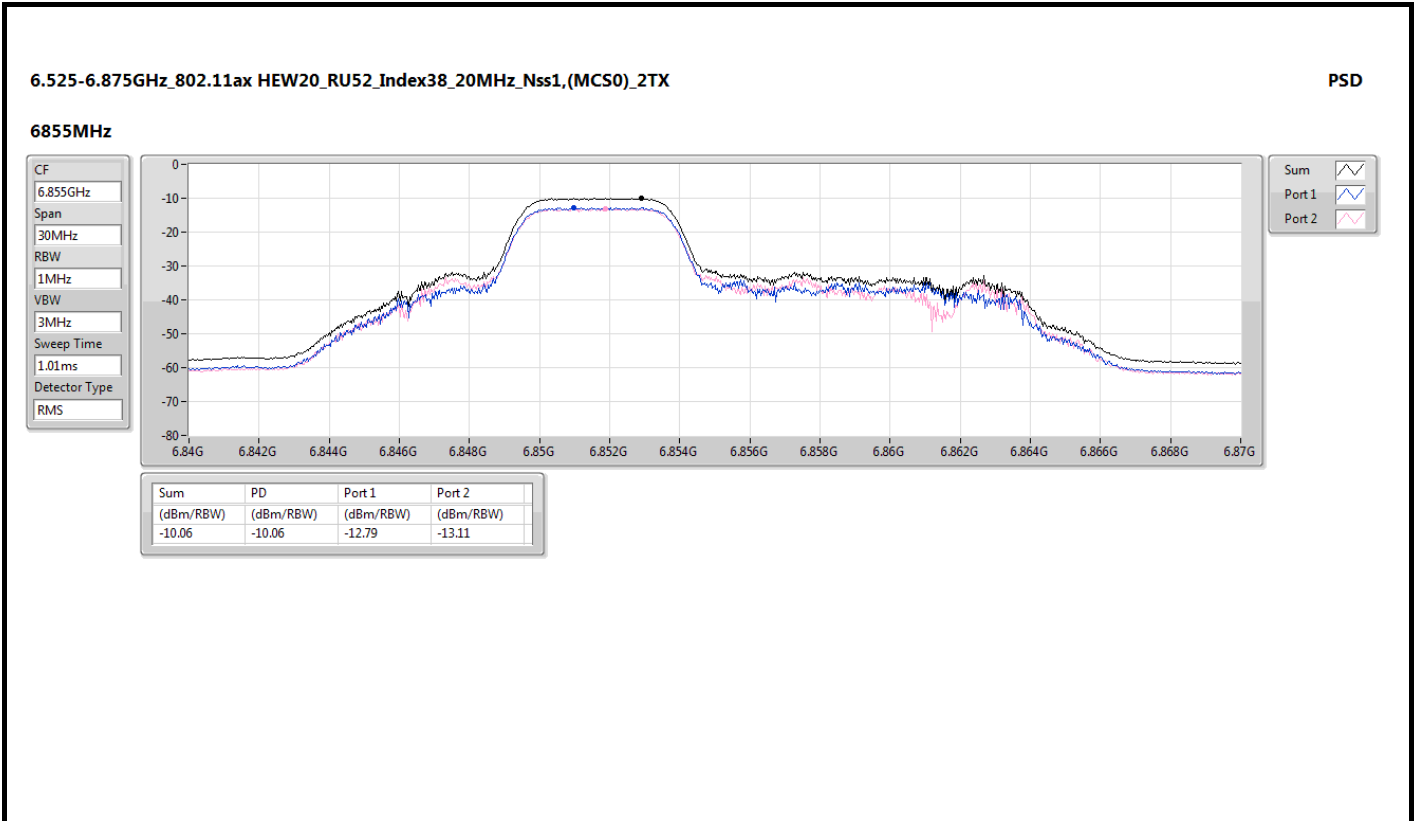


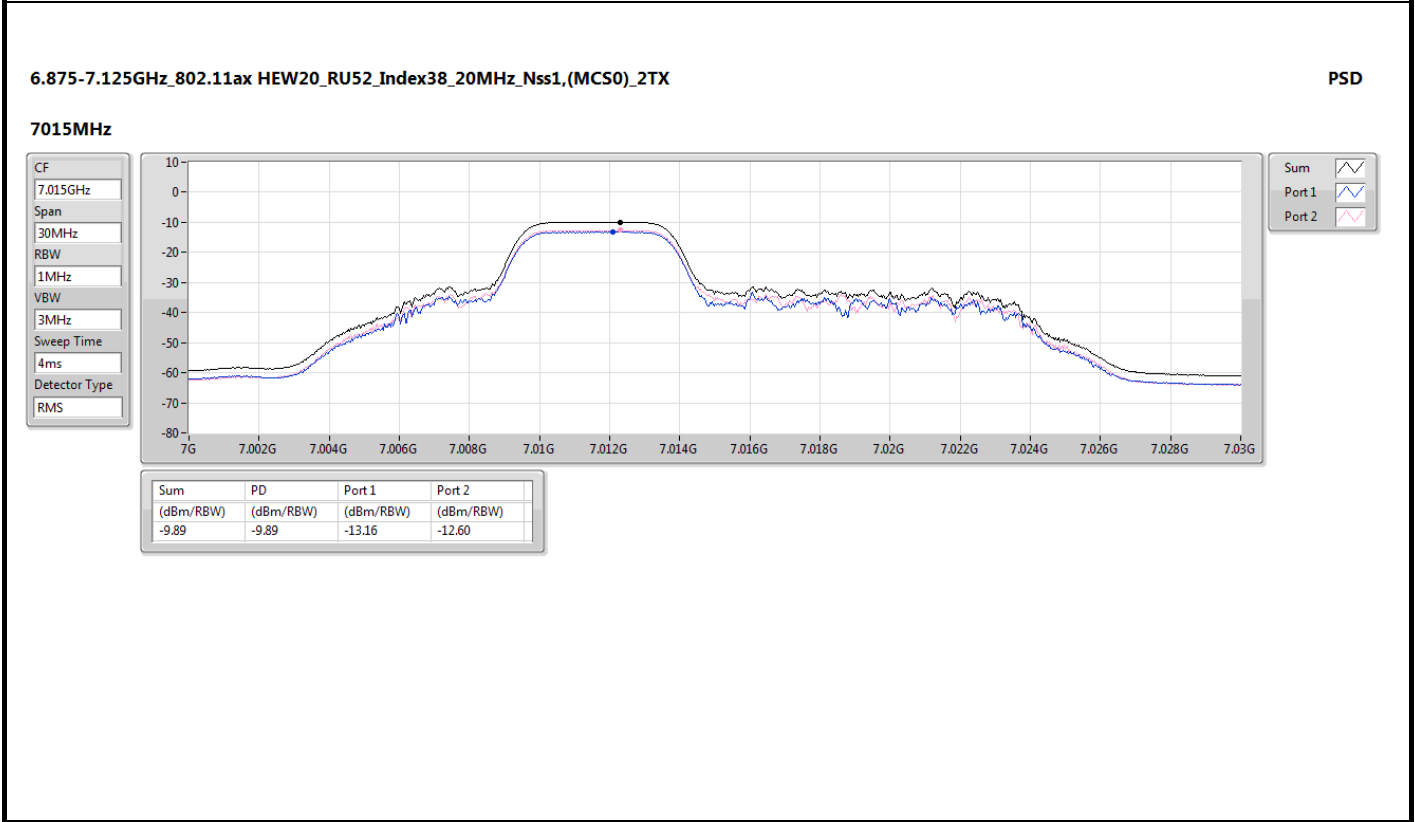
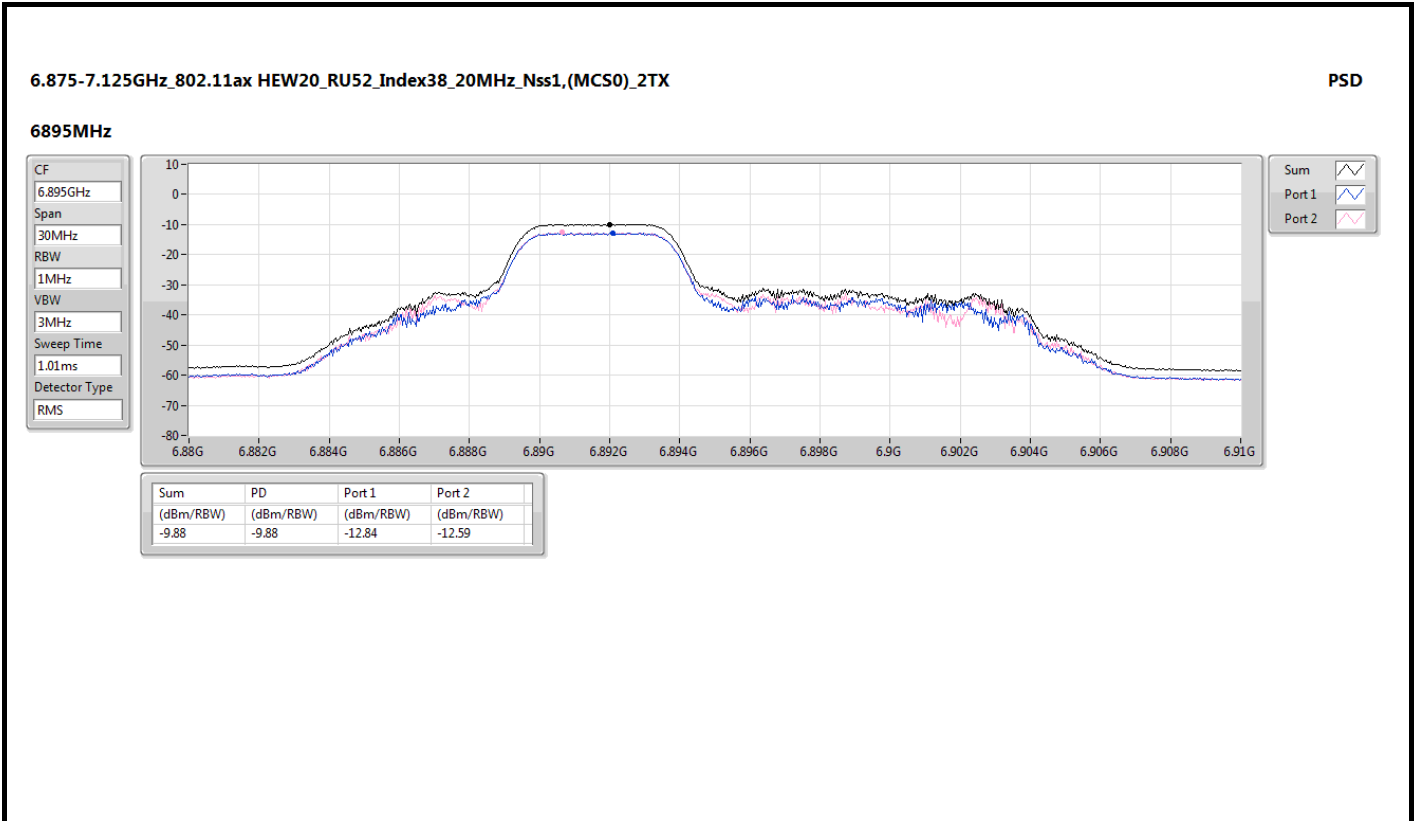


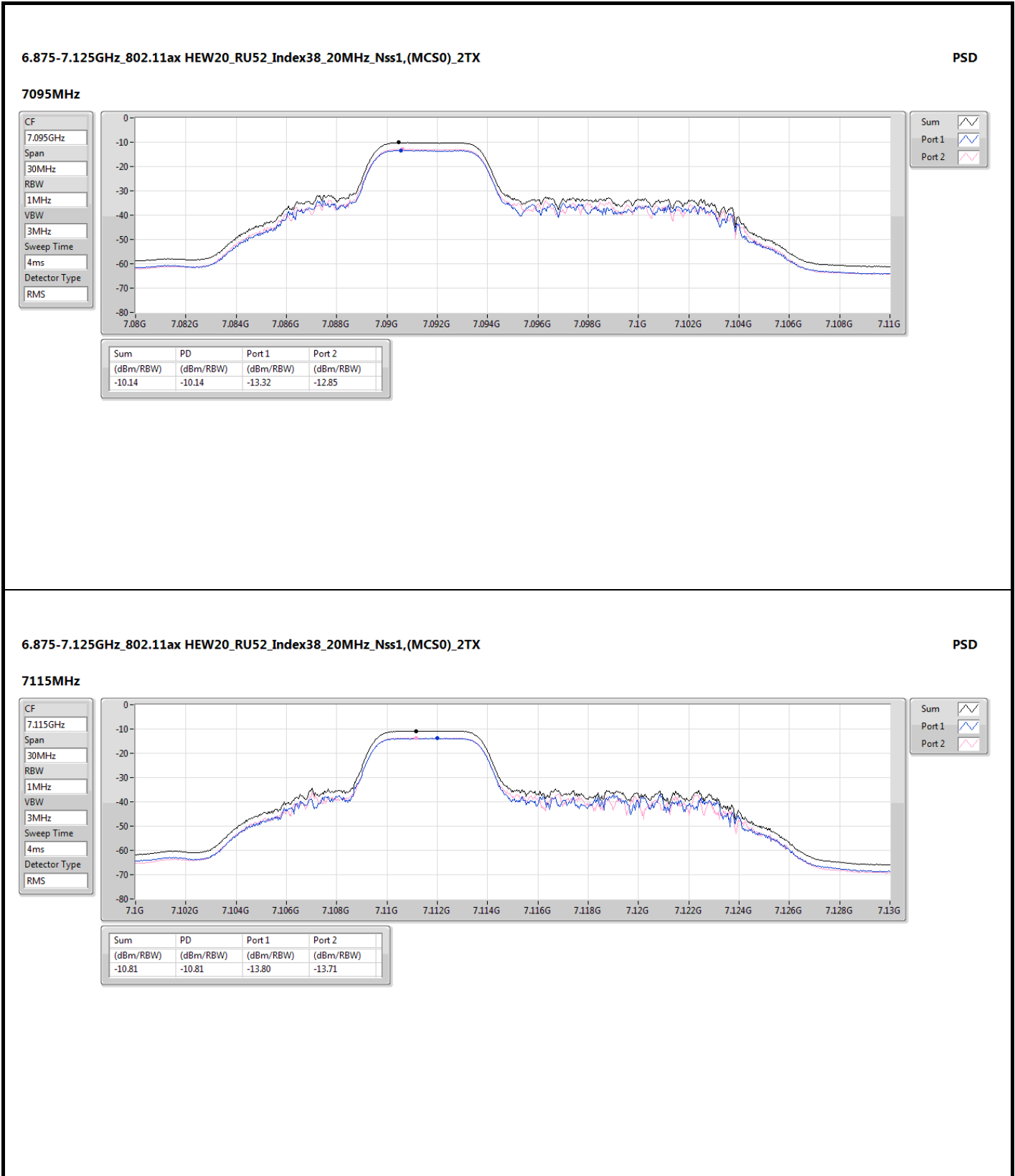


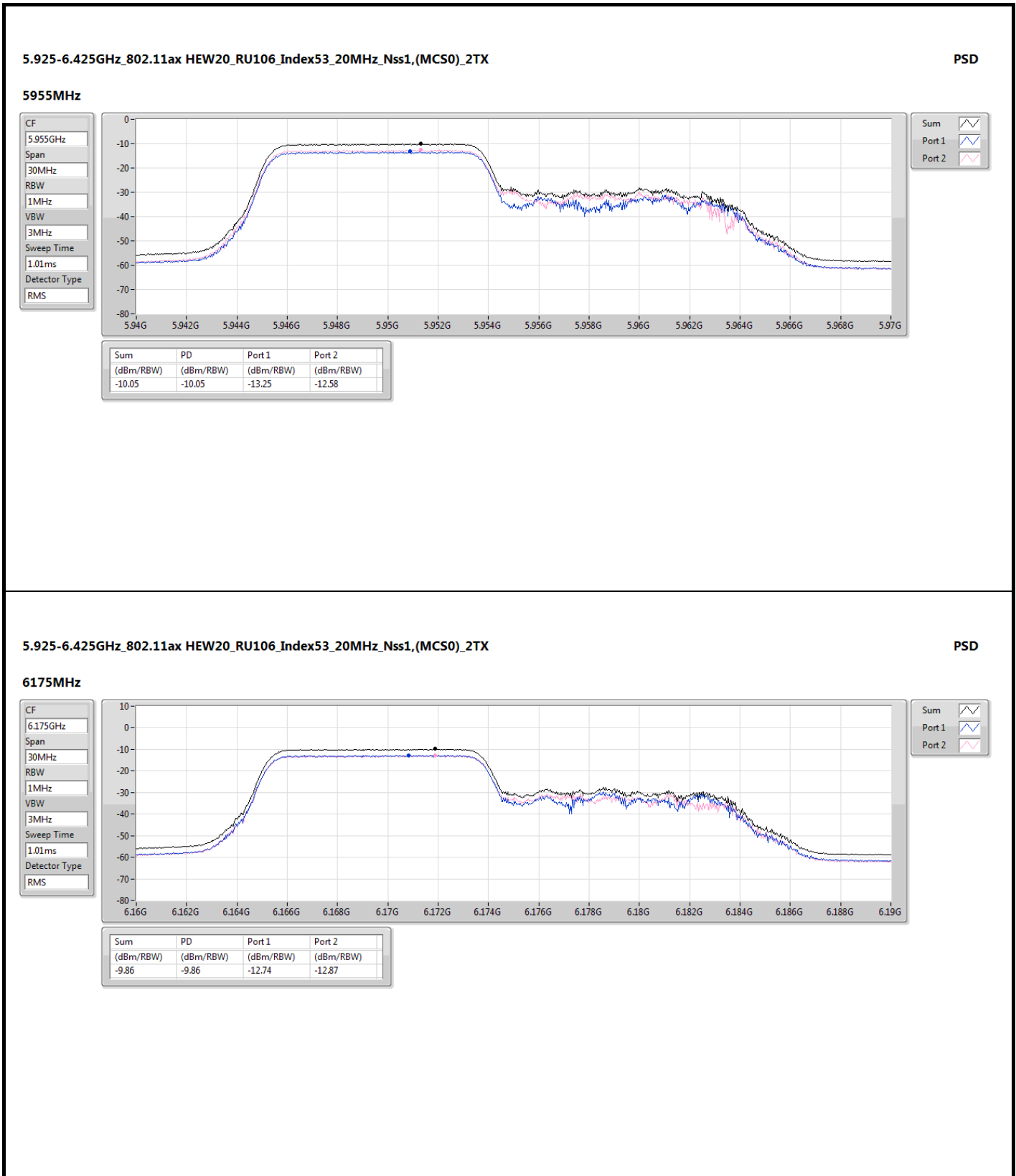


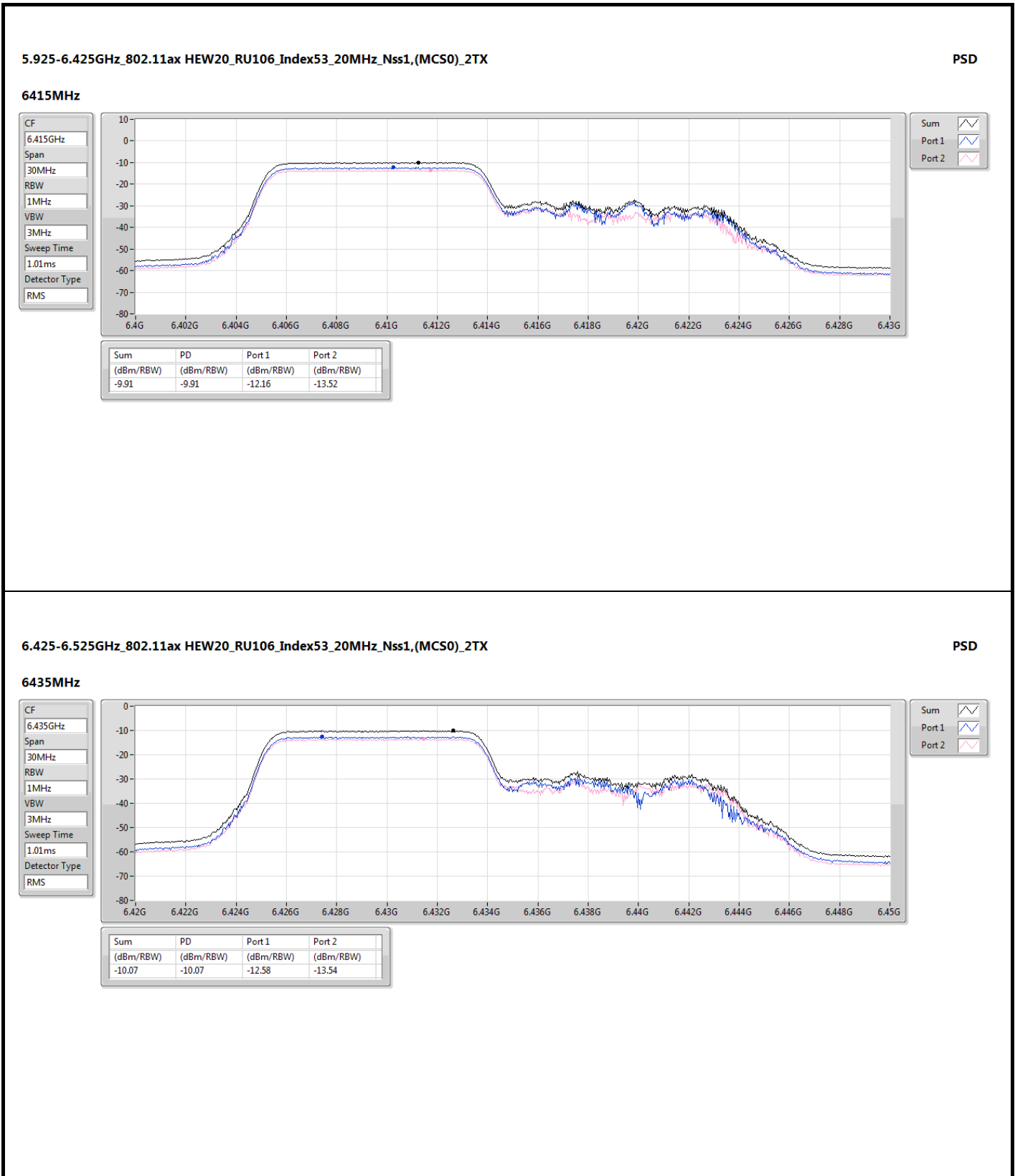


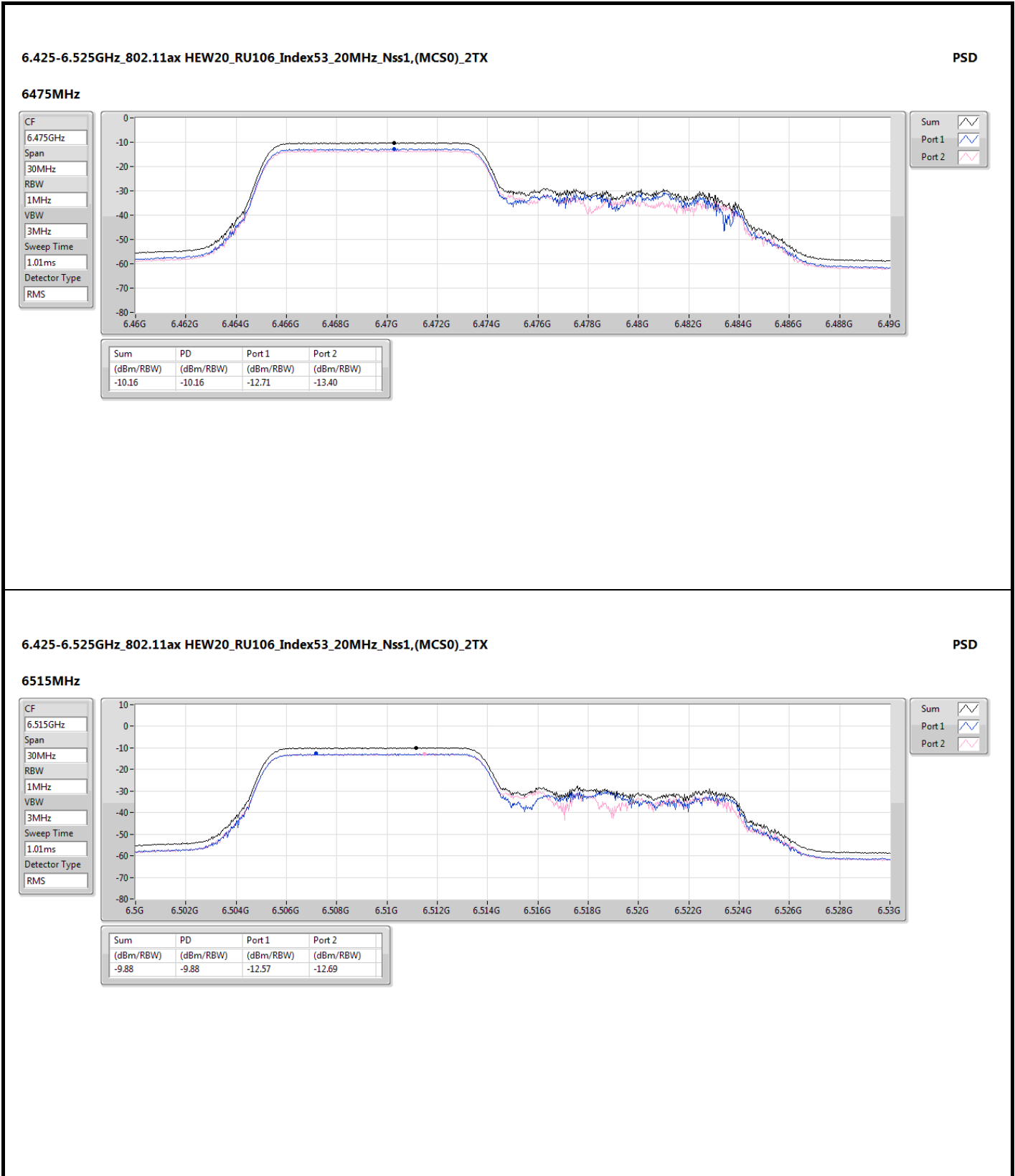


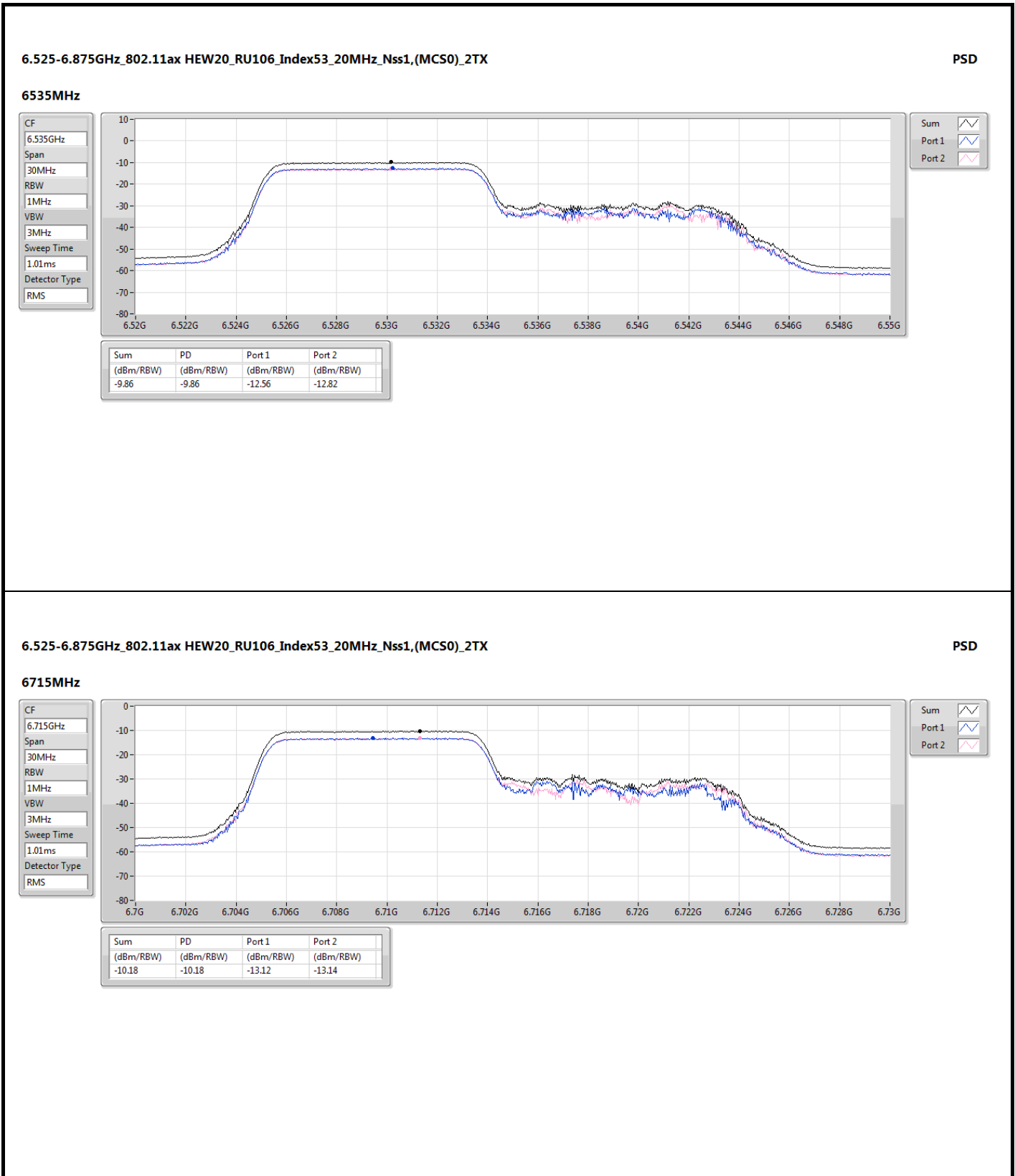


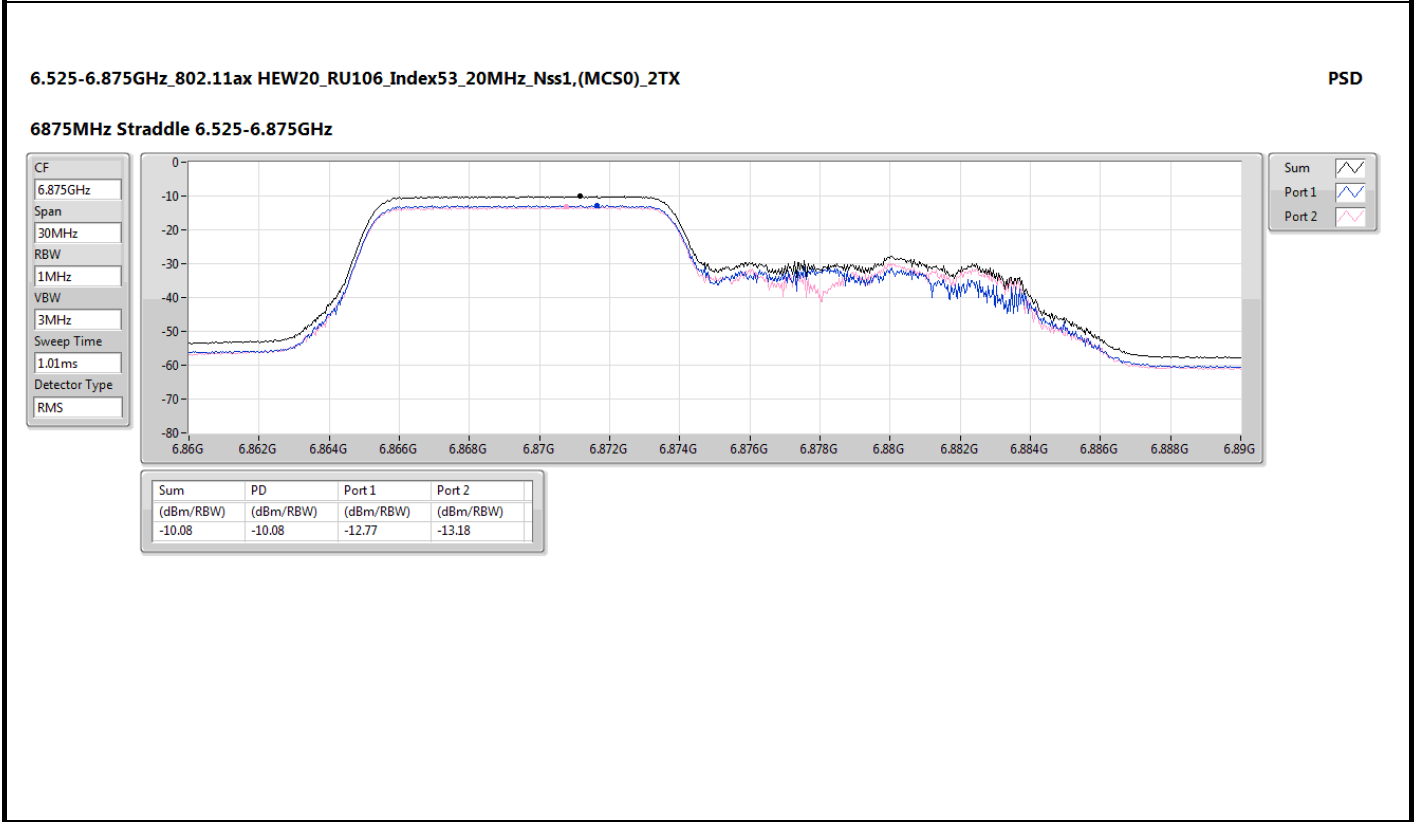
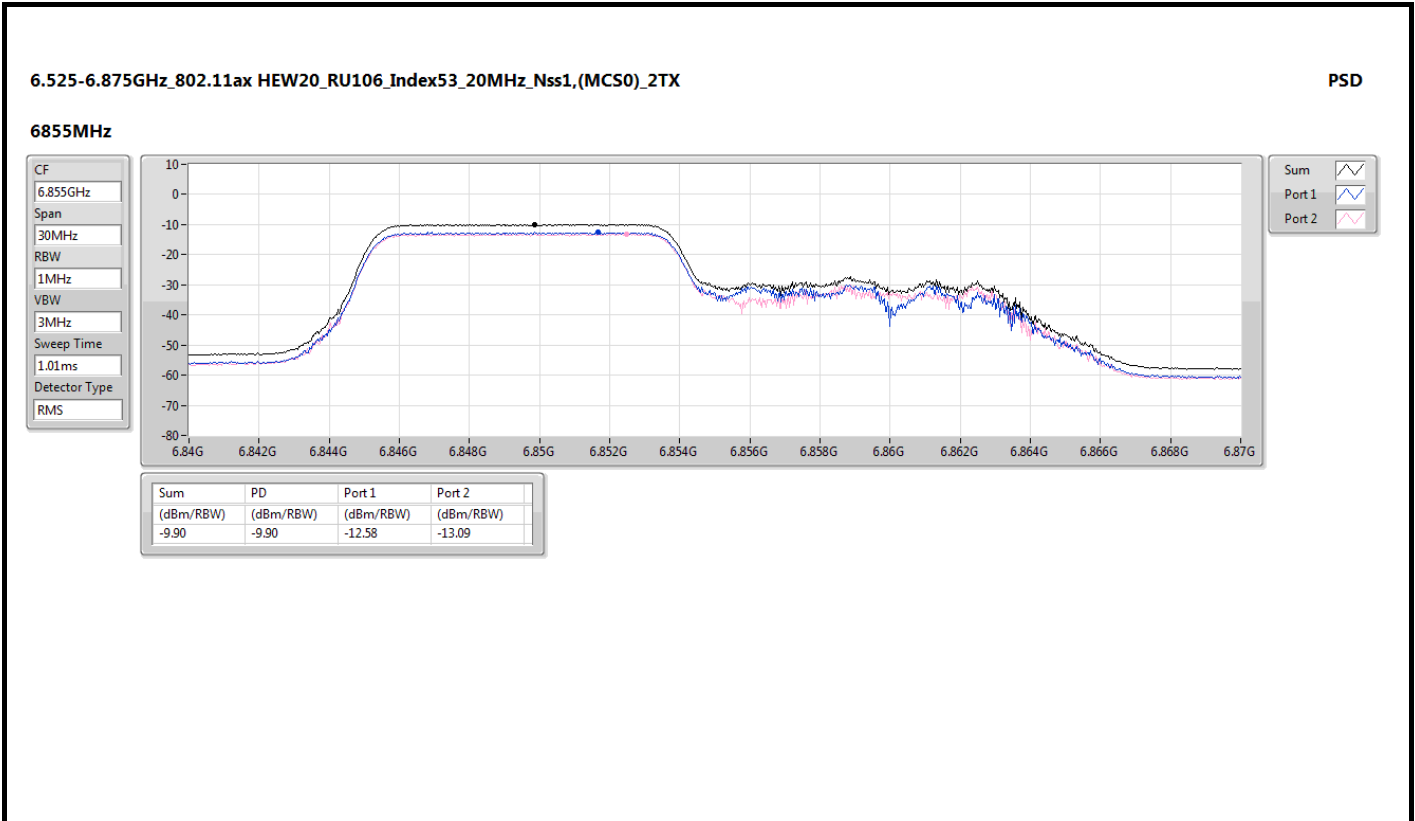


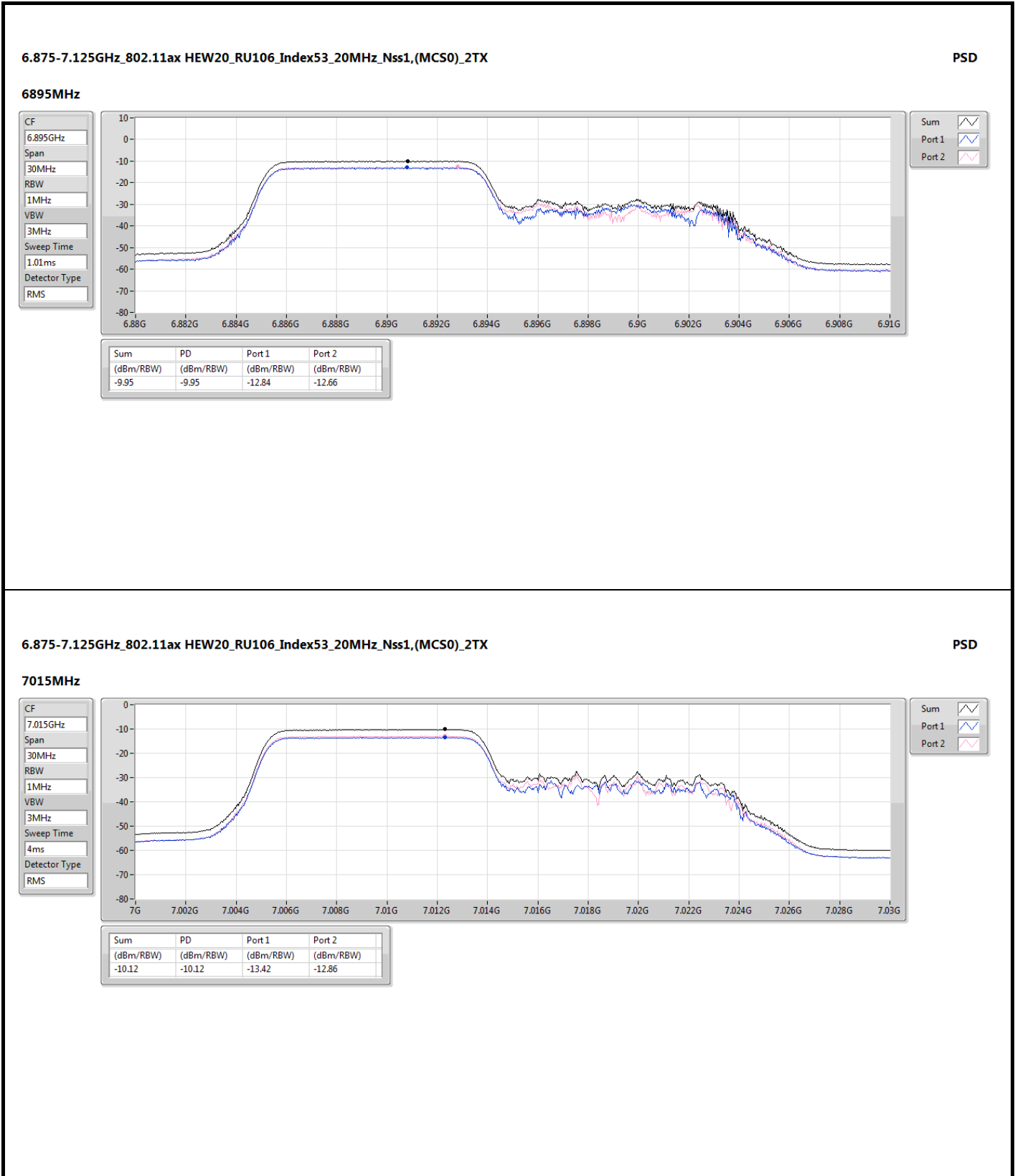












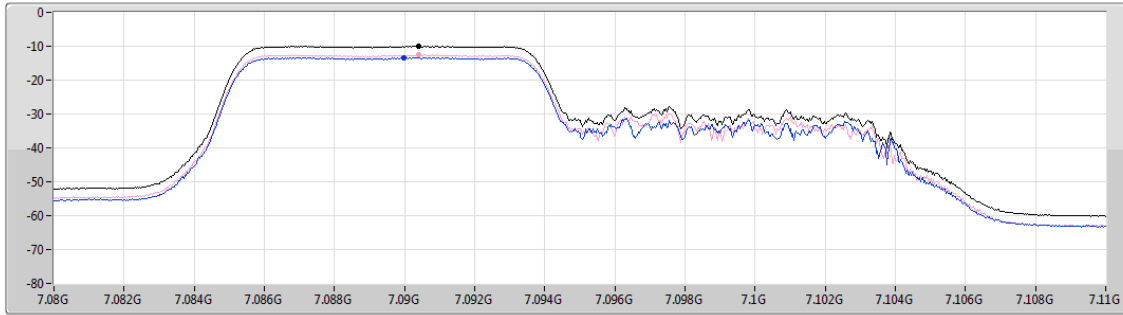


6.875-7.125GHz_802.11ax_HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX

PSD

7095MHz

CF
7.095GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4ms
Detector Type
RMS



Sum
Port 1
Port 2

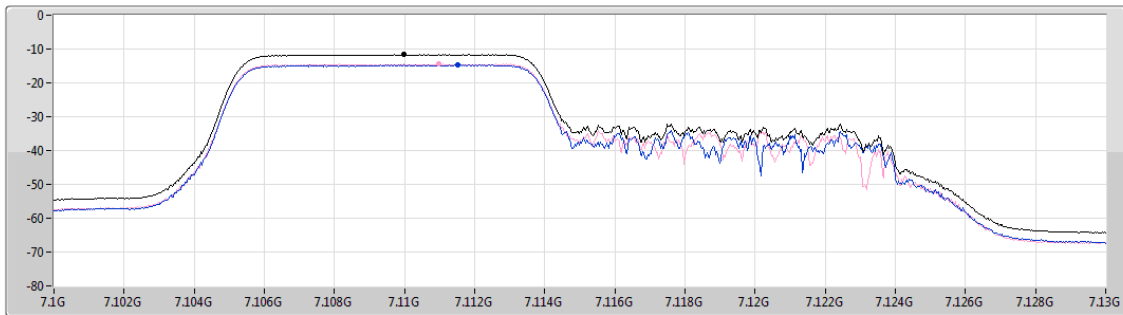
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.00	-10.00	-13.40	-12.57

6.875-7.125GHz_802.11ax_HEW20_RU106_Index53_20MHz_Nss1,(MCS0)_2TX

PSD

7115MHz

CF
7.115GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4ms
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.66	-11.66	-14.62	-14.44

