



Result

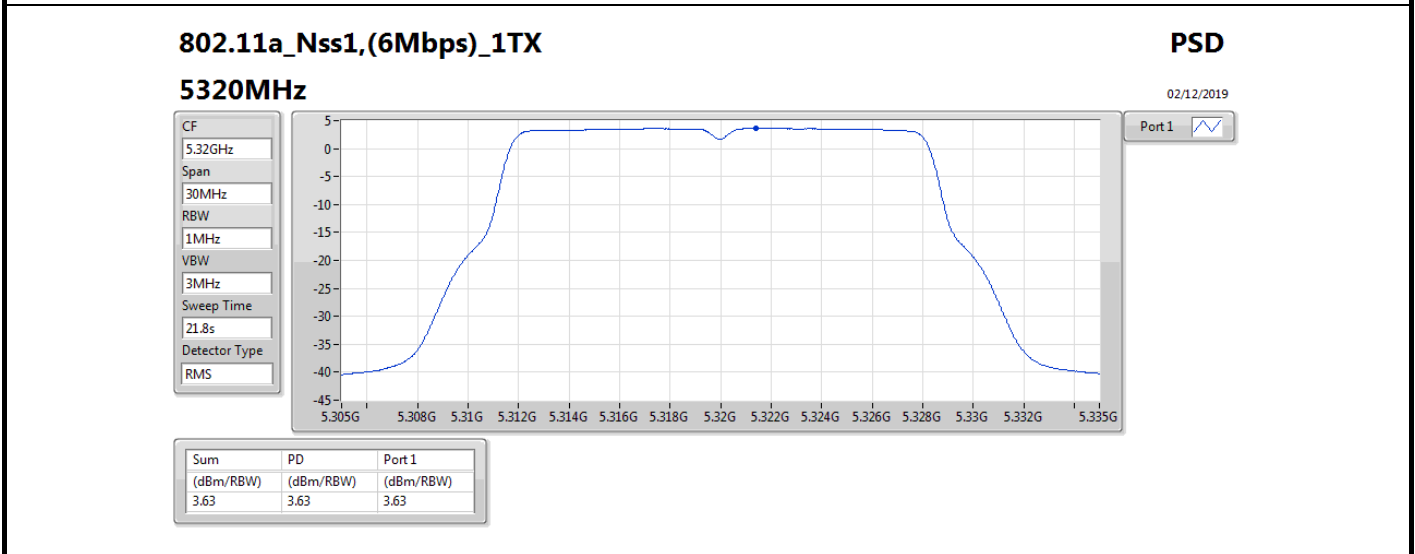
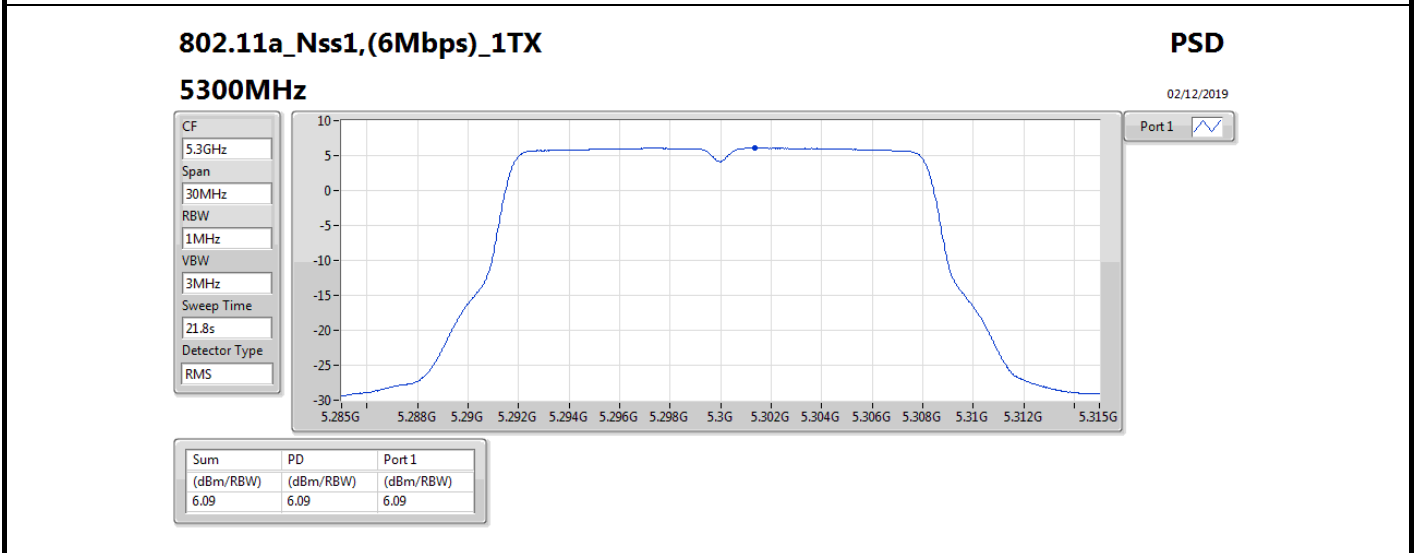
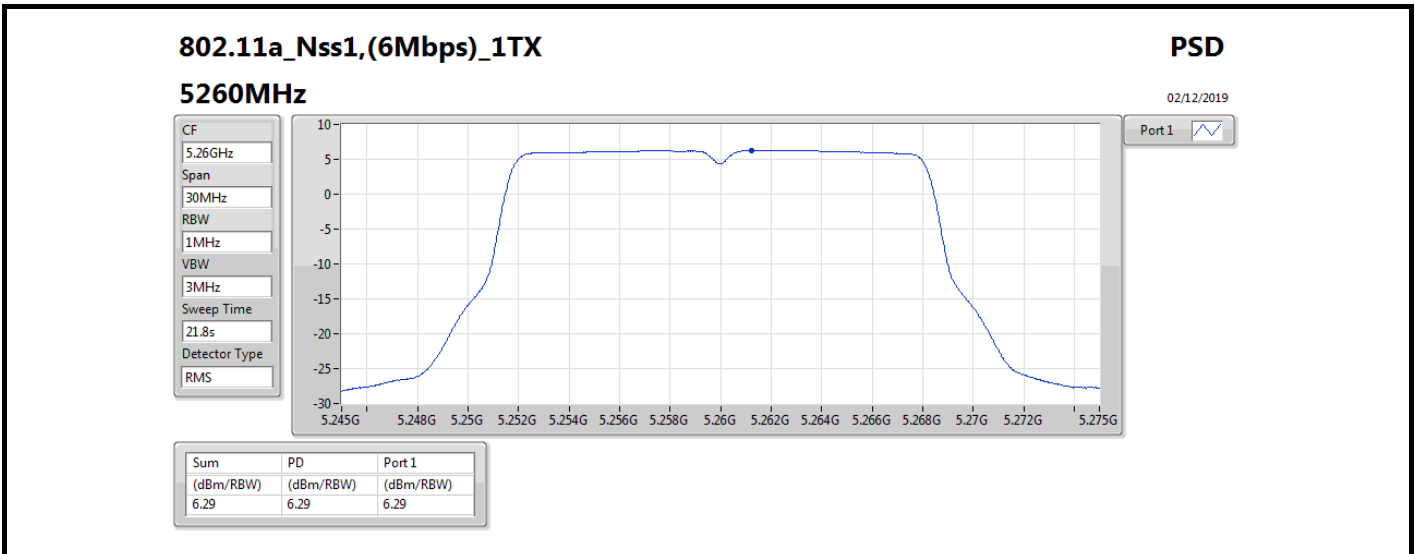
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	6.29	6.29	6.30	16.99	17.00
5300MHz	Pass	10.70	6.09	6.09	6.30	16.79	17.00
5320MHz	Pass	10.70	3.63	3.63	6.30	14.33	17.00
5500MHz	Pass	10.70	2.30	2.30	6.30	13.00	17.00
5580MHz	Pass	10.70	6.23	6.23	6.30	16.93	17.00
5700MHz	Pass	10.70	2.82	2.82	6.30	13.52	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	6.12	6.12	6.30	16.82	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	4.43	4.43	25.30	15.13	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	5.74	5.74	6.30	16.44	17.00
5300MHz	Pass	10.70	5.60	5.60	6.30	16.30	17.00
5320MHz	Pass	10.70	3.29	3.29	6.30	13.99	17.00
5500MHz	Pass	10.70	2.23	2.23	6.30	12.93	17.00
5580MHz	Pass	10.70	5.75	5.75	6.30	16.45	17.00
5700MHz	Pass	10.70	0.07	0.07	6.30	10.77	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	6.03	6.03	6.30	16.73	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	4.27	4.27	25.30	14.97	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	3.07	3.07	6.30	13.77	17.00
5310MHz	Pass	10.70	-1.60	-1.60	6.30	9.10	17.00
5510MHz	Pass	10.70	-1.57	-1.57	6.30	9.13	17.00
5550MHz	Pass	10.70	3.25	3.25	6.30	13.95	17.00
5670MHz	Pass	10.70	0.16	0.16	6.30	10.86	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	2.58	2.58	6.30	13.28	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	0.40	0.40	25.30	11.10	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	-5.22	-5.22	6.30	5.48	17.00
5530MHz	Pass	10.70	-4.62	-4.62	6.30	6.08	17.00
5610MHz	Pass	10.70	-1.76	-1.76	6.30	8.94	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-0.21	-0.21	6.30	10.49	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-3.00	-3.00	25.30	7.70	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	5.85	5.85	6.30	16.55	17.00
5300MHz	Pass	10.70	5.59	5.59	6.30	16.29	17.00
5320MHz	Pass	10.70	3.40	3.40	6.30	14.10	17.00
5500MHz	Pass	10.70	2.35	2.35	6.30	13.05	17.00
5580MHz	Pass	10.70	5.76	5.76	6.30	16.46	17.00
5700MHz	Pass	10.70	0.11	0.11	6.30	10.81	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	5.96	5.96	6.30	16.66	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	4.34	4.34	25.30	15.04	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	2.83	2.83	6.30	13.53	17.00
5310MHz	Pass	10.70	-1.90	-1.90	6.30	8.80	17.00

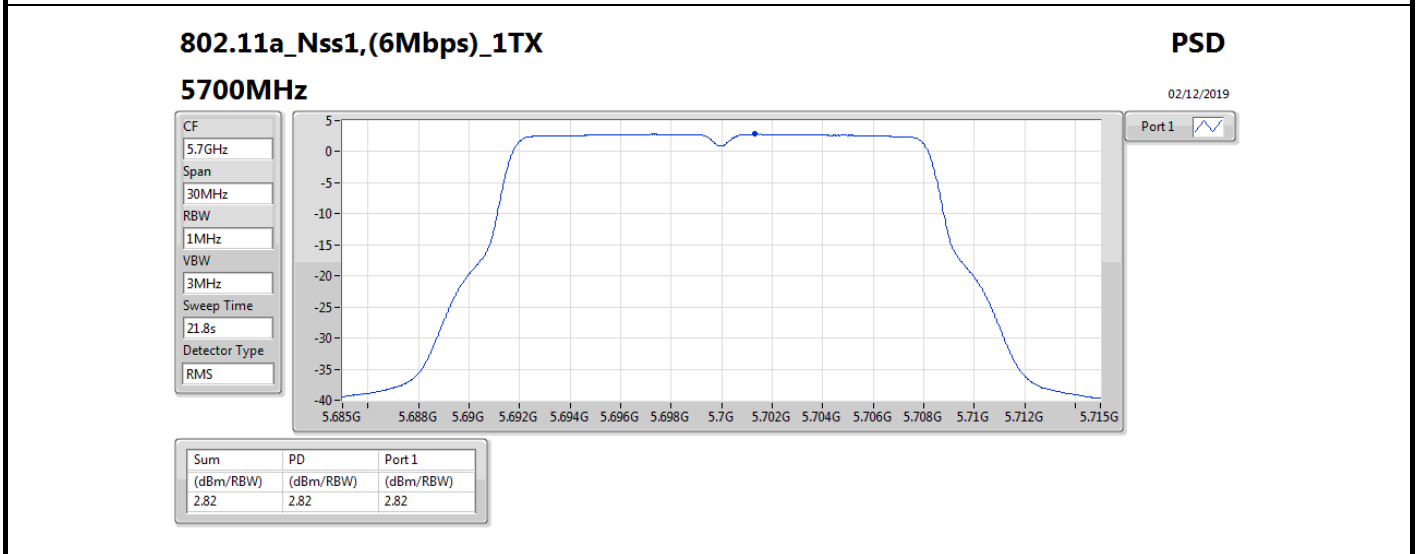
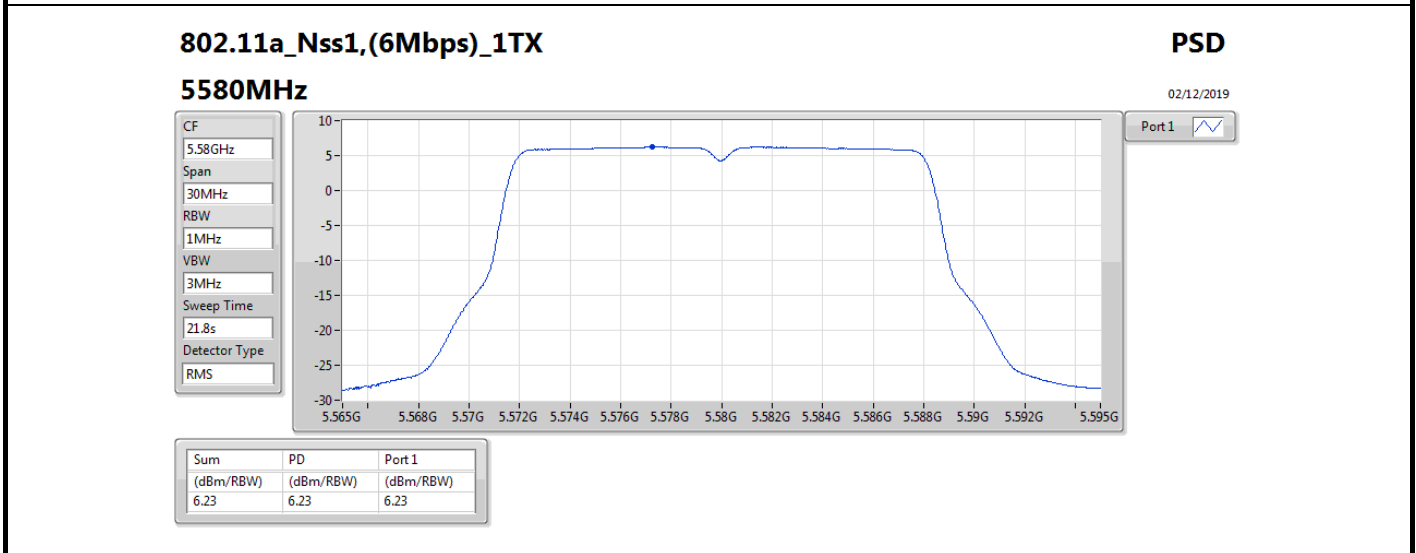
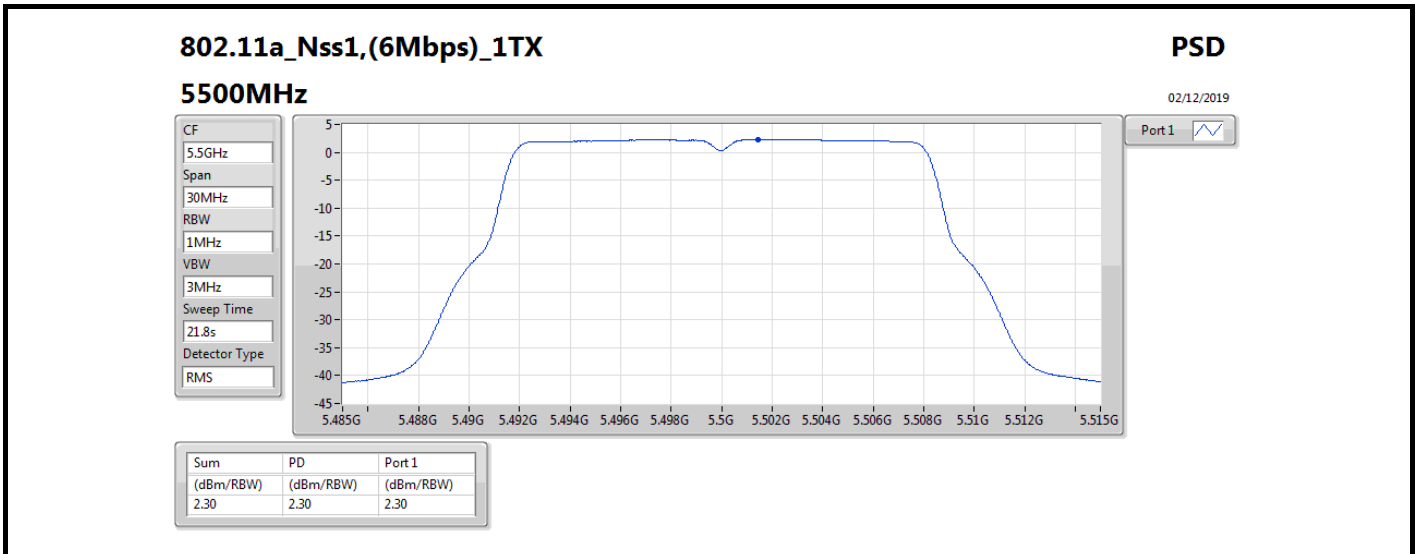


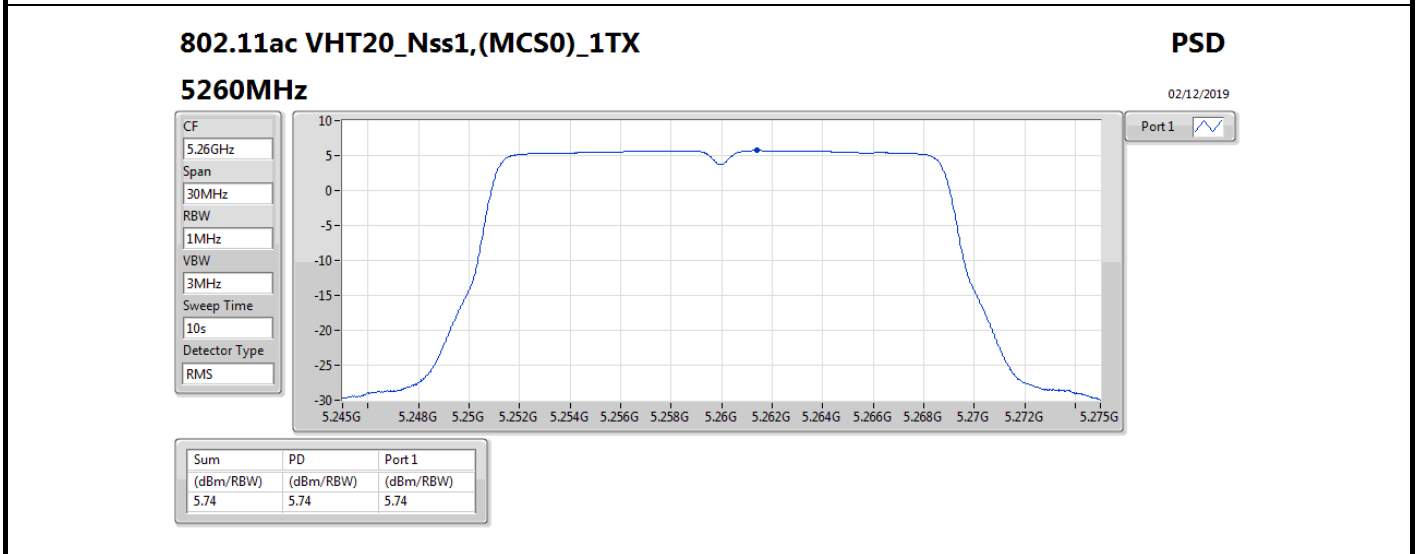
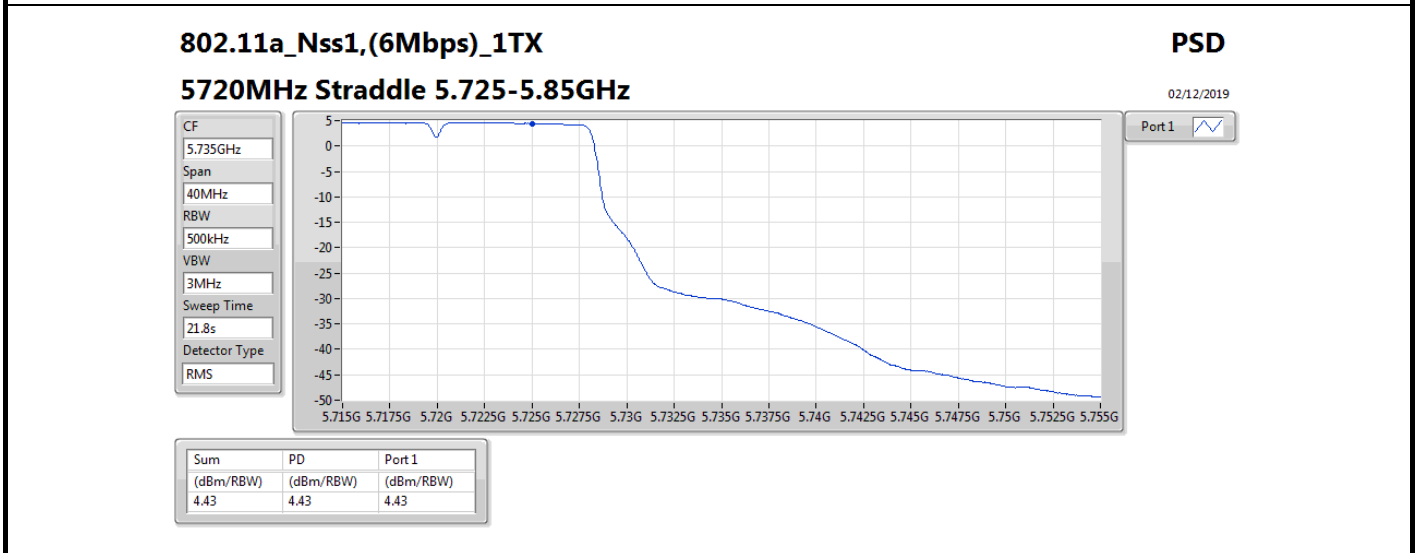
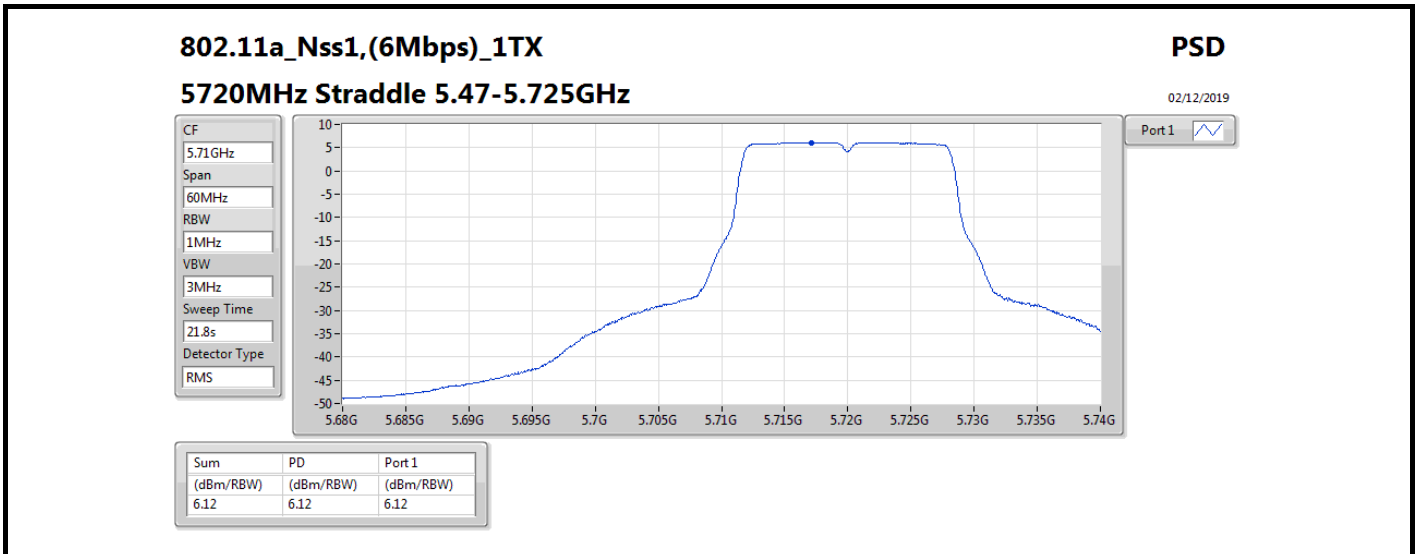
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5510MHz	Pass	10.70	-1.87	-1.87	6.30	8.83	17.00
5550MHz	Pass	10.70	2.92	2.92	6.30	13.62	17.00
5670MHz	Pass	10.70	0.10	0.10	6.30	10.80	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	2.92	2.92	6.30	13.62	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	0.76	0.76	25.30	11.46	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	-4.91	-4.91	6.30	5.79	17.00
5530MHz	Pass	10.70	-4.58	-4.58	6.30	6.12	17.00
5610MHz	Pass	10.70	-1.60	-1.60	6.30	9.10	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	0.01	0.01	6.30	10.71	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-2.60	-2.60	25.30	8.10	36.00

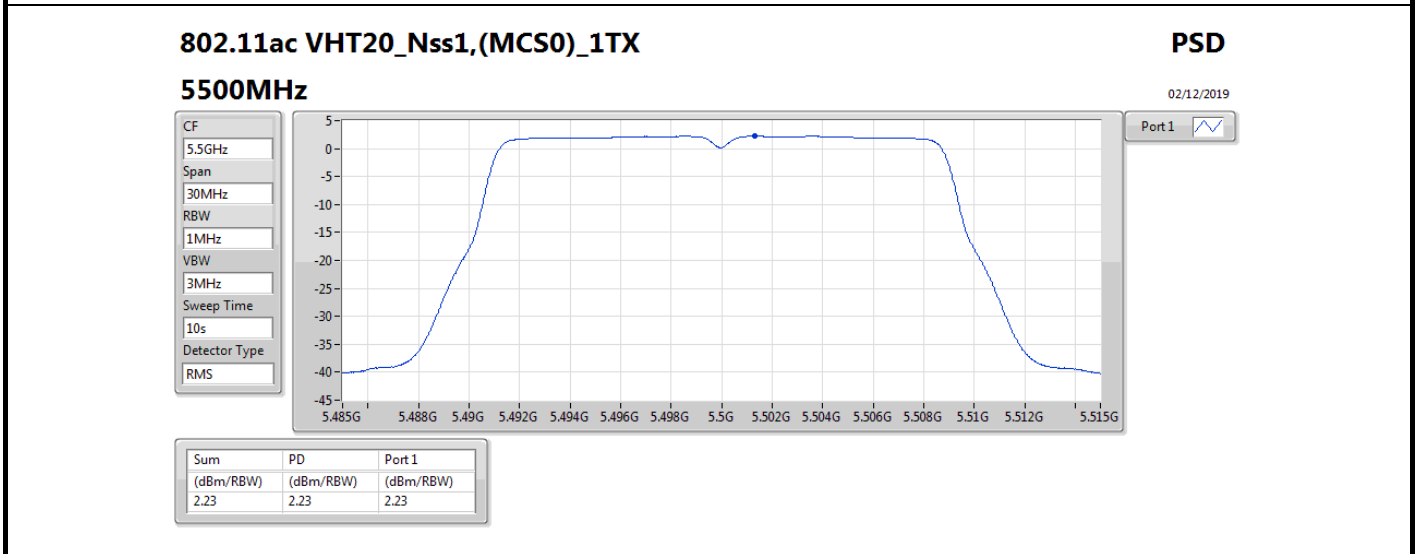
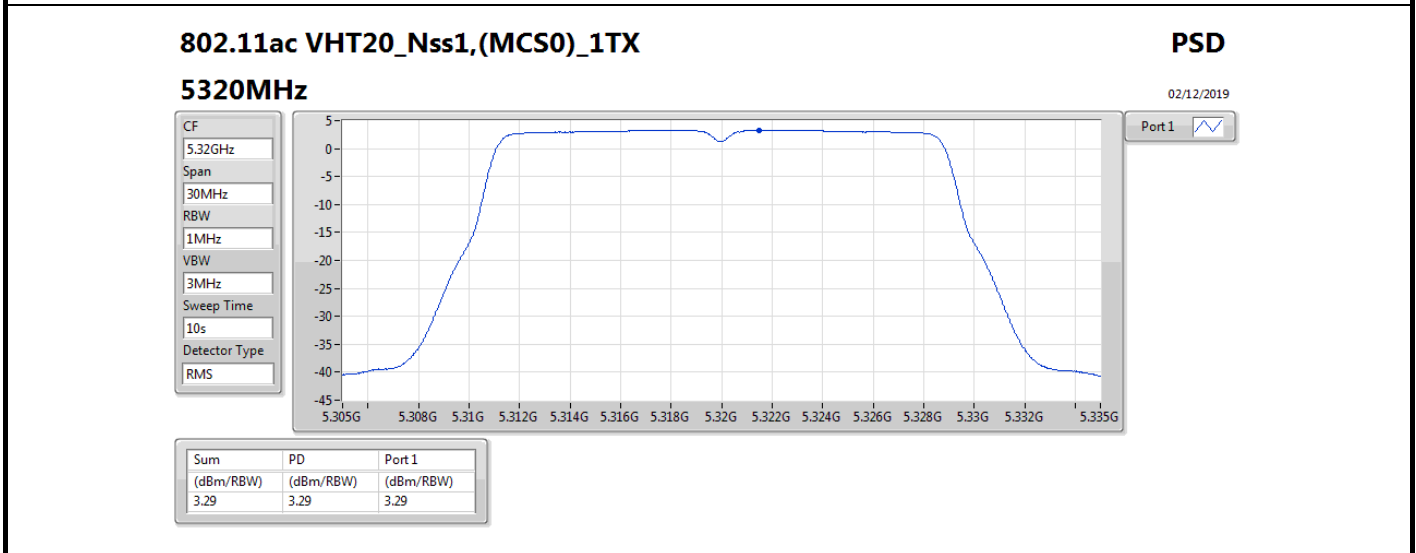
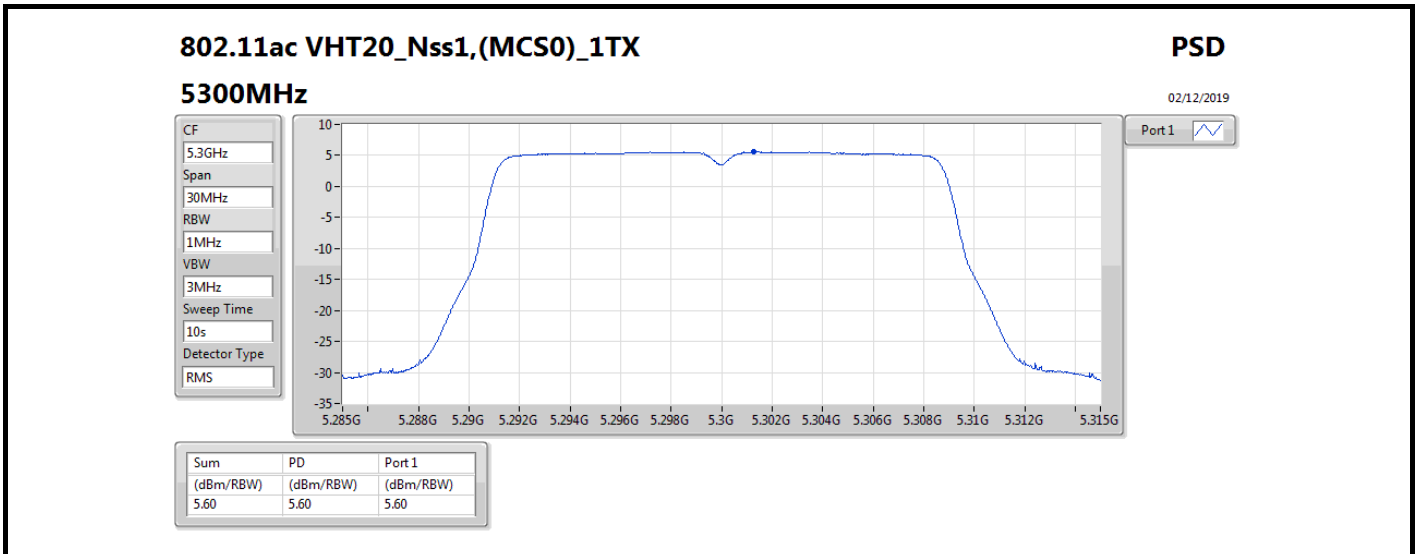
**DG** = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

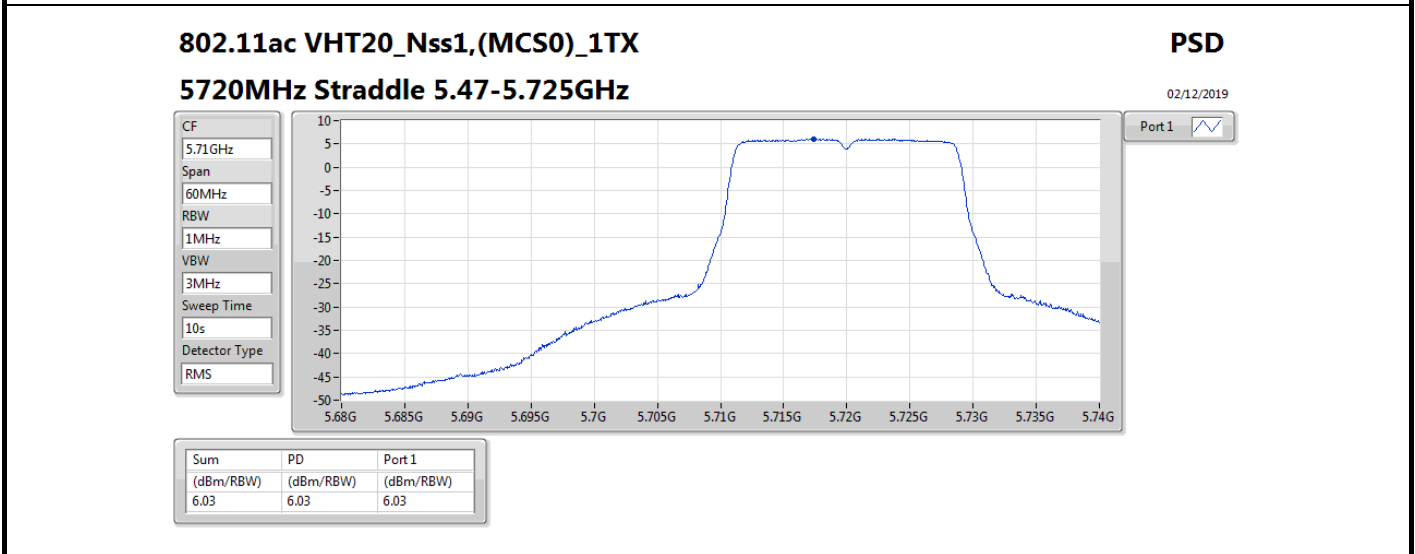
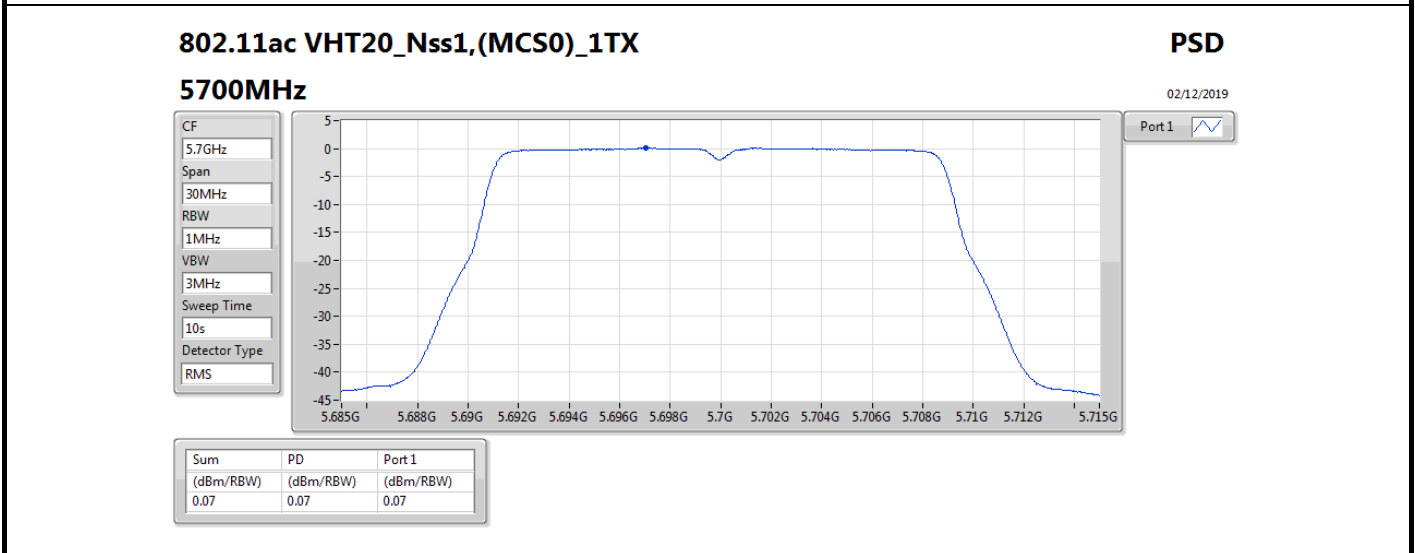
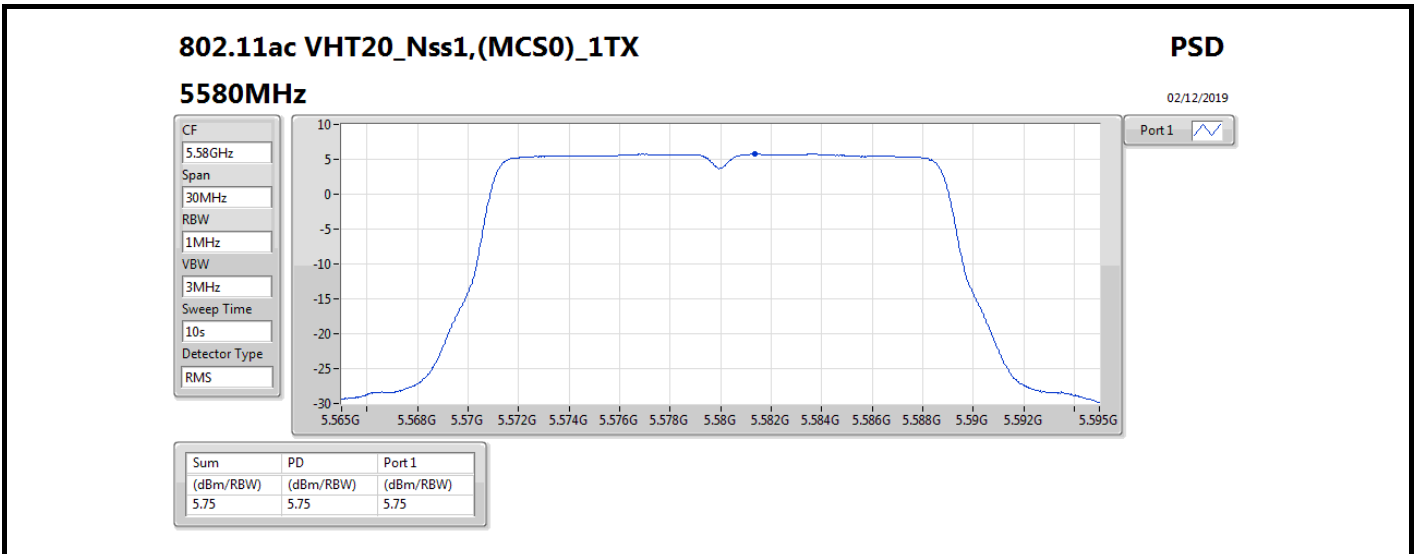
**PD** = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

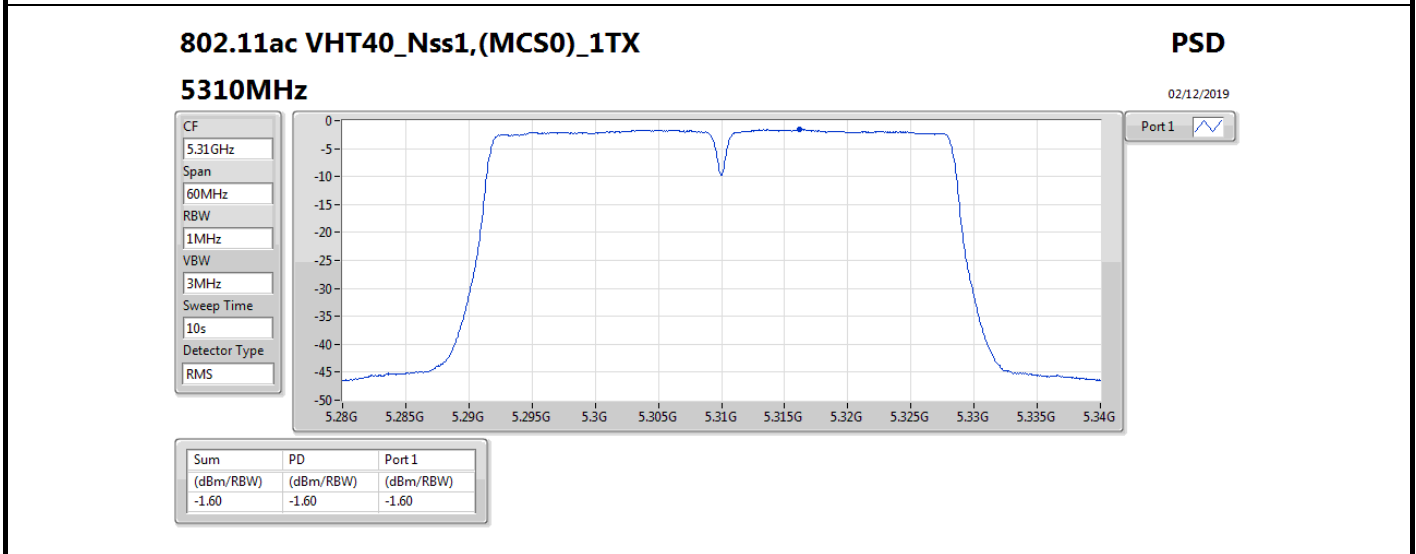
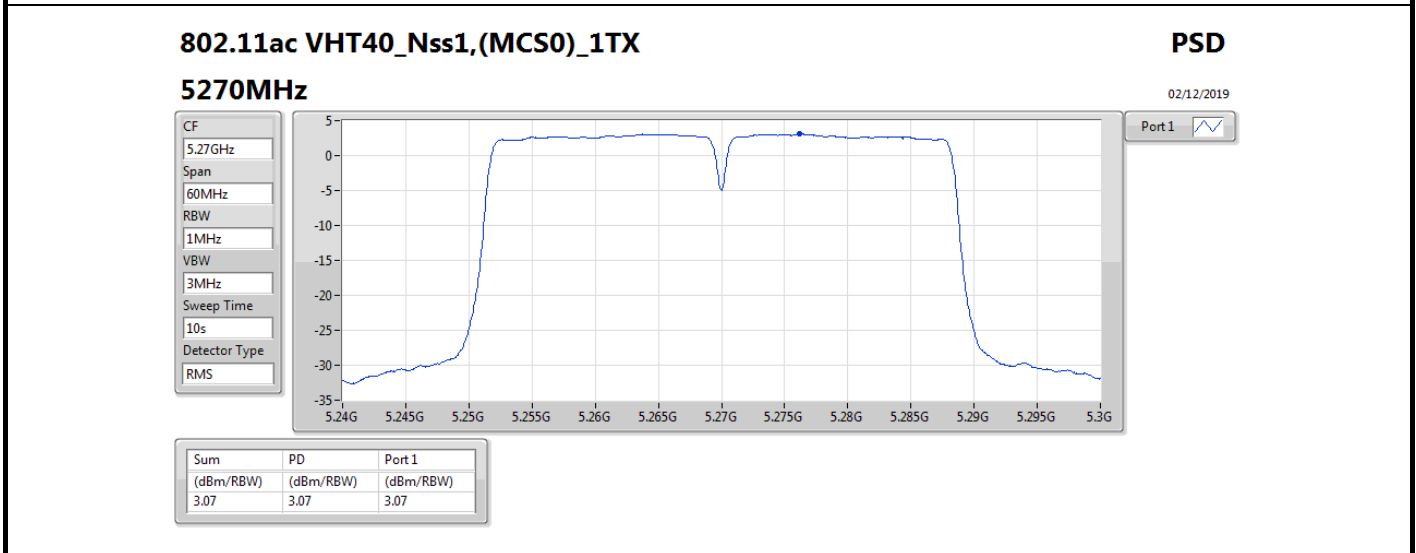
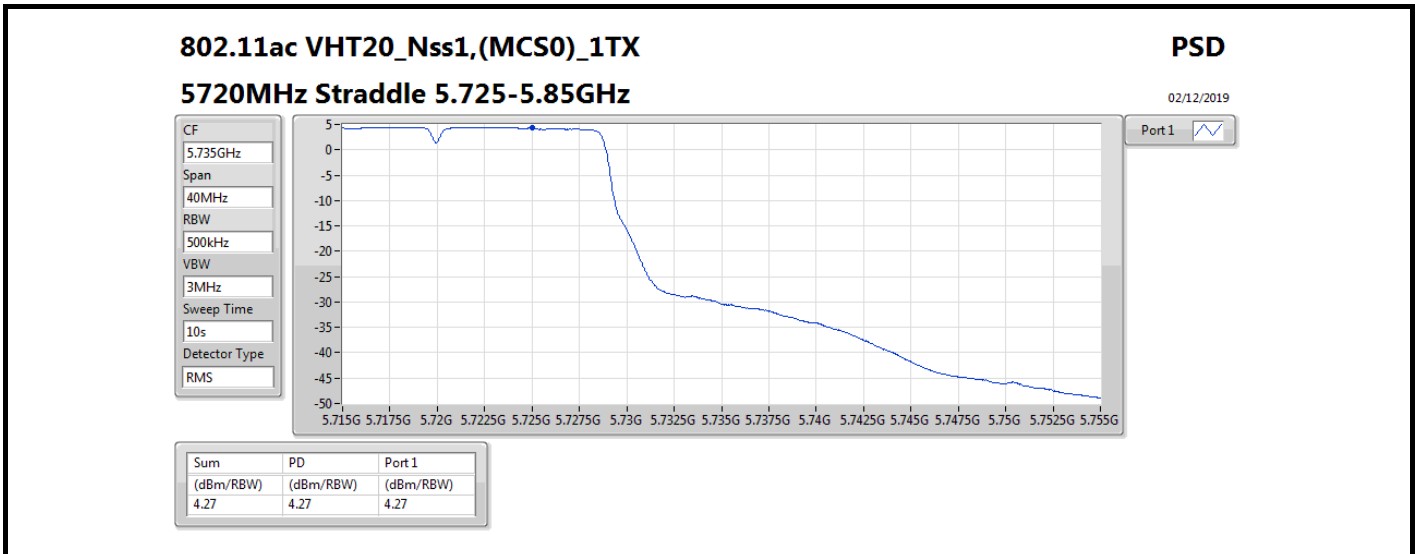




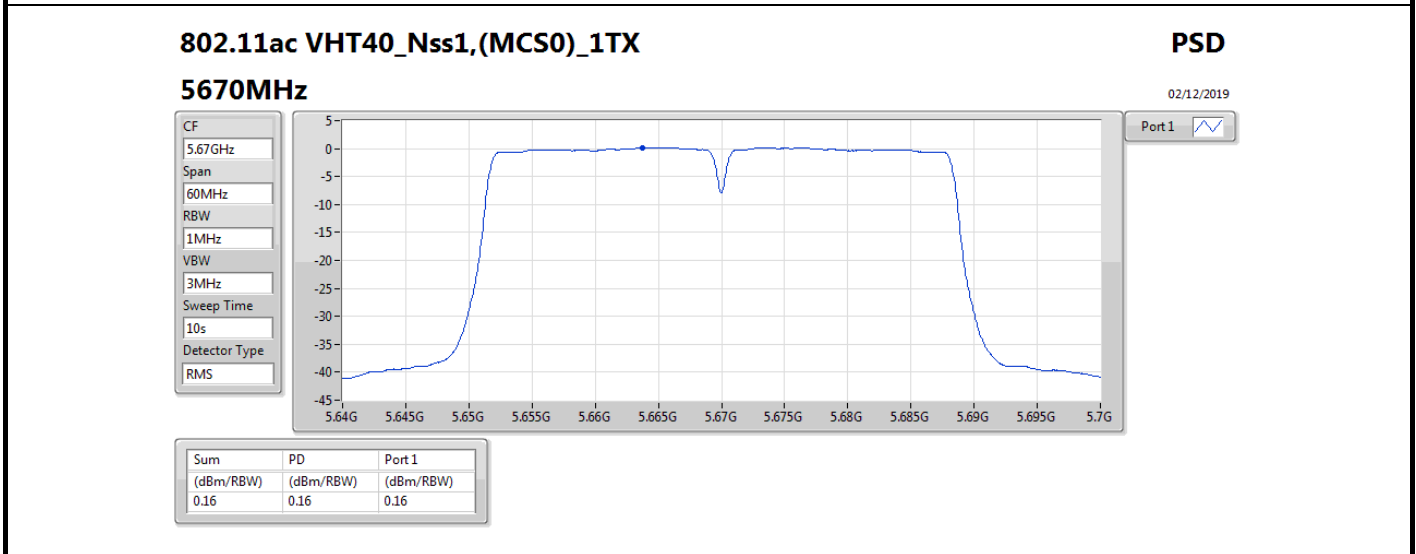
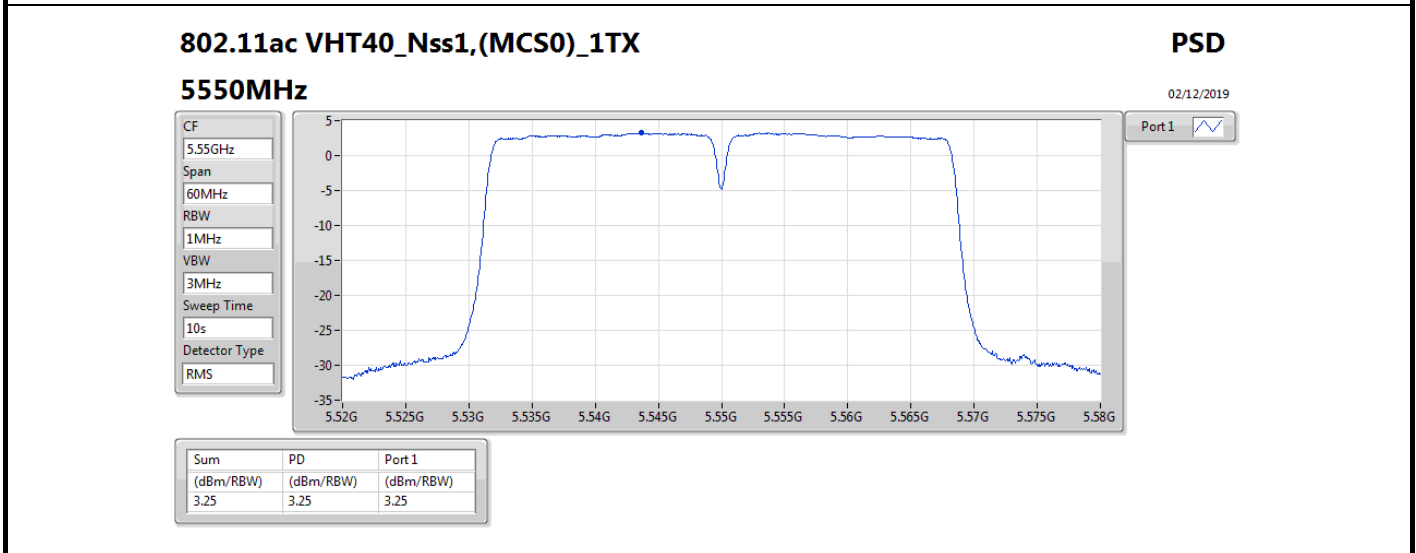
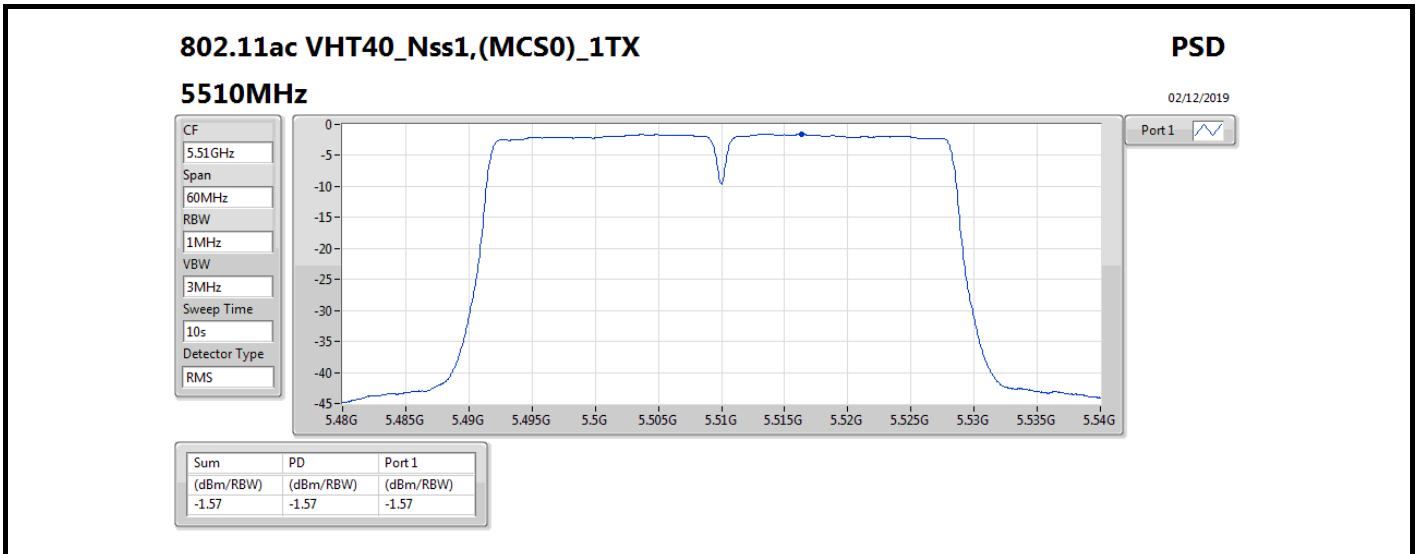












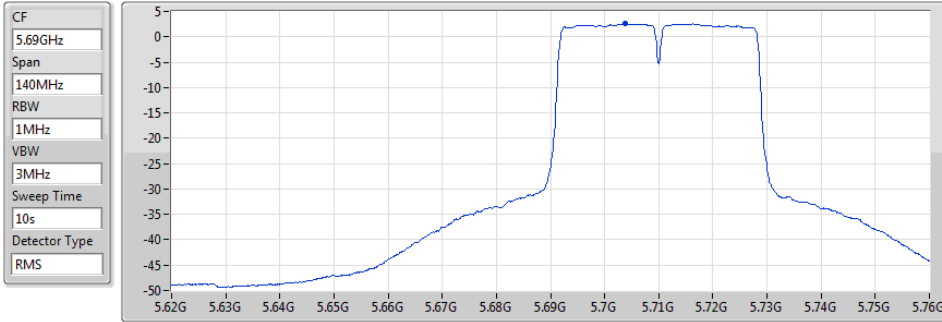


802.11ac VHT40\_Nss1,(MCS0)\_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

02/12/2019



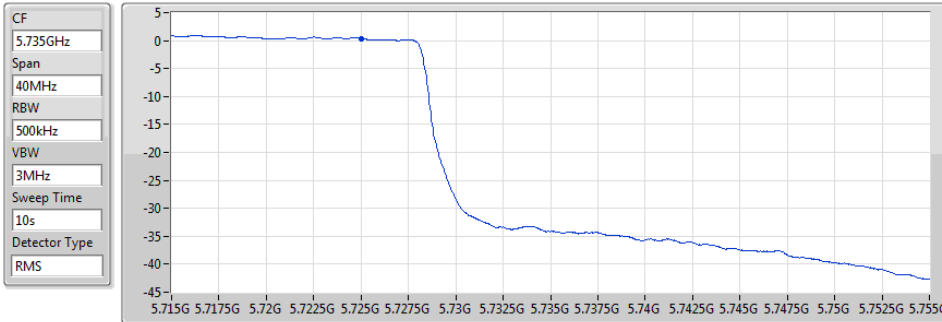
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.58	2.58	2.58

802.11ac VHT40\_Nss1,(MCS0)\_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

02/12/2019



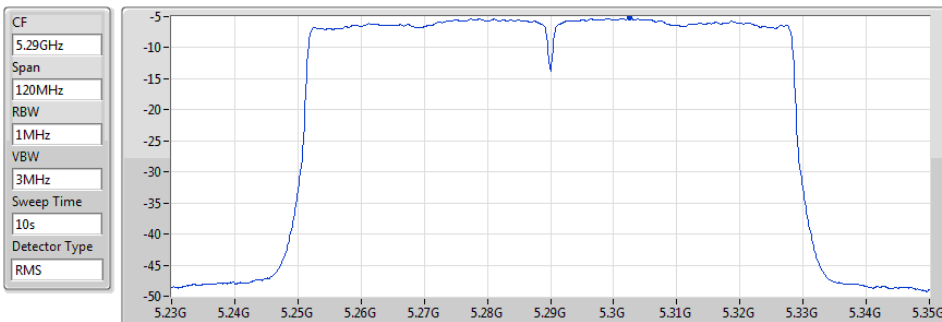
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.40	0.40	0.40

802.11ac VHT80\_Nss1,(MCS0)\_1TX

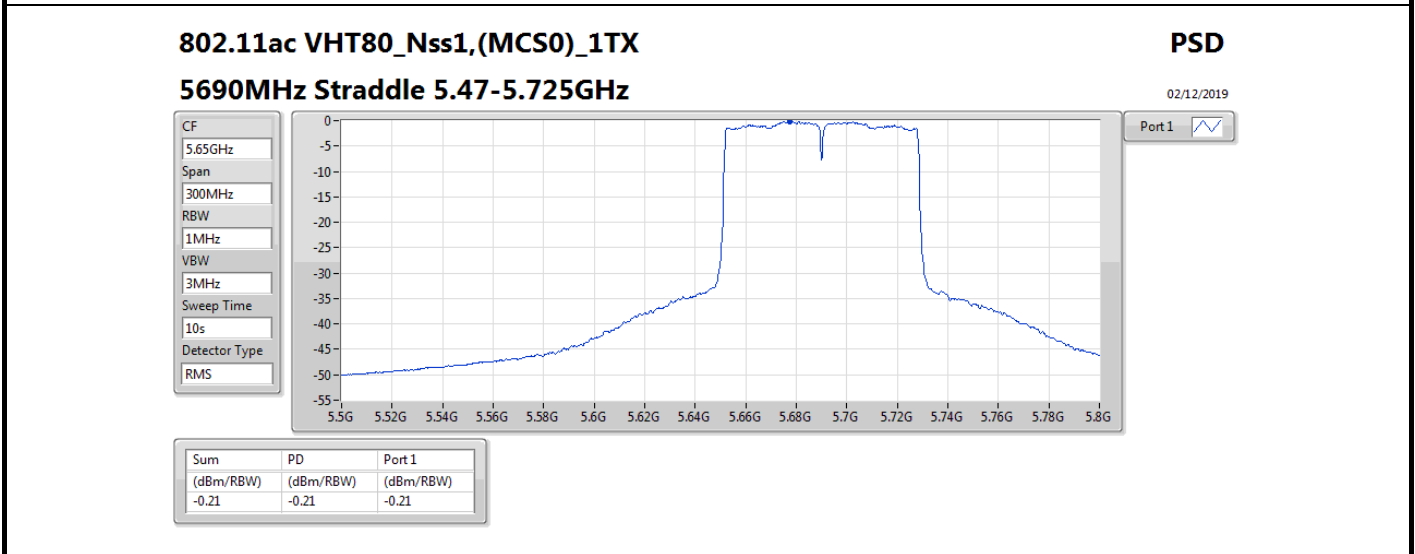
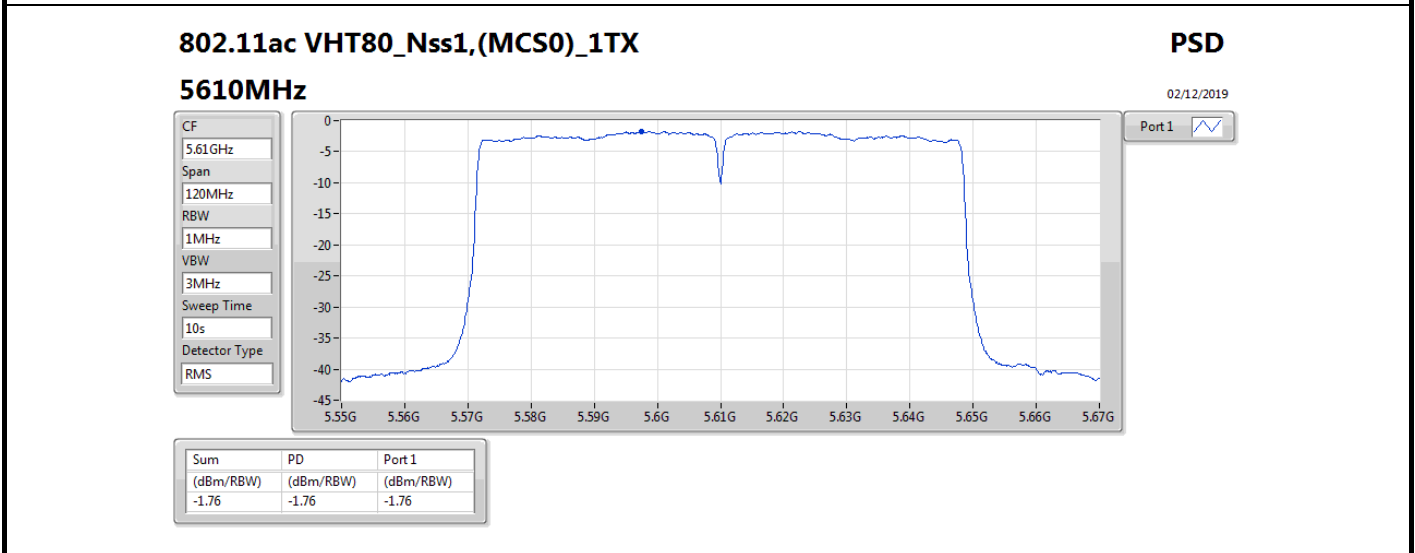
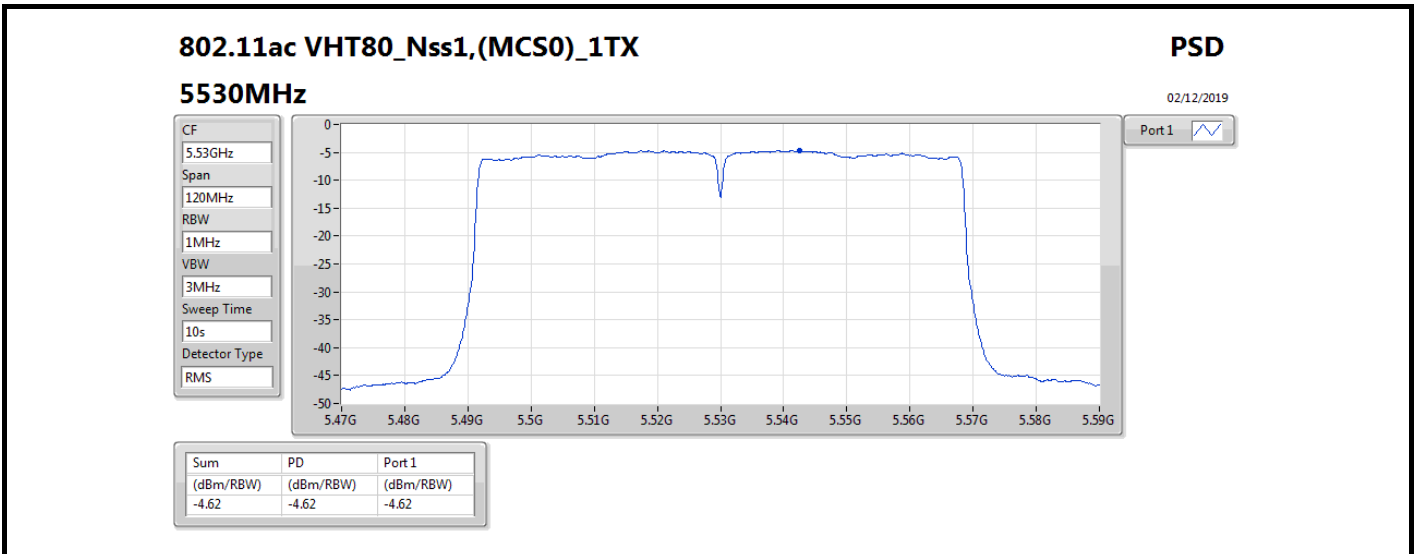
PSD

5290MHz

02/12/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.22	-5.22	-5.22



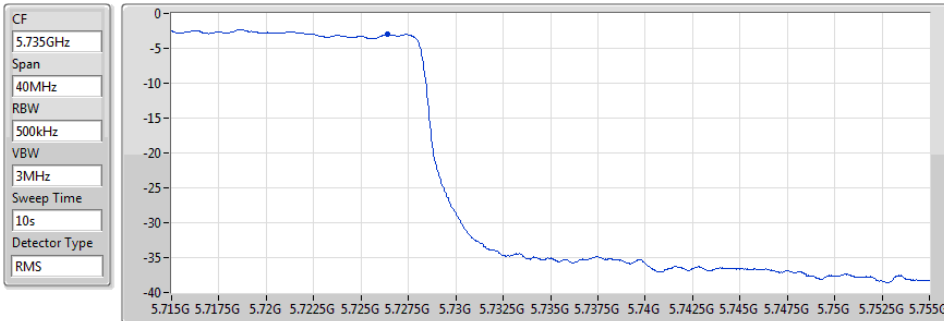


### 802.11ac VHT80\_Nss1,(MCS0)\_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

02/12/2019



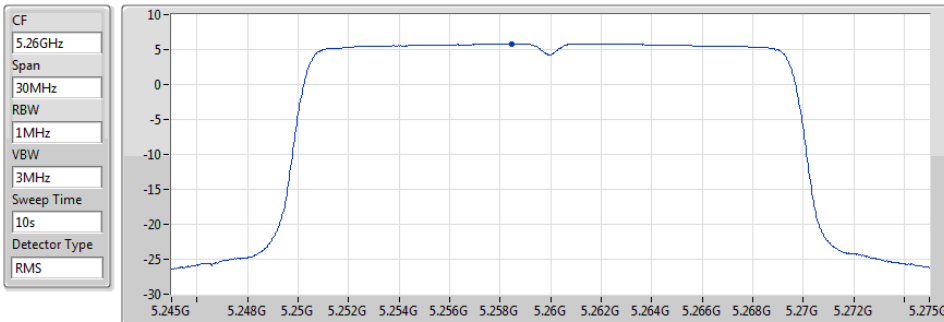
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.00	-3.00	-3.00

### 802.11ax HEW20\_Nss1,(MCS0)\_1TX

PSD

5260MHz

02/12/2019



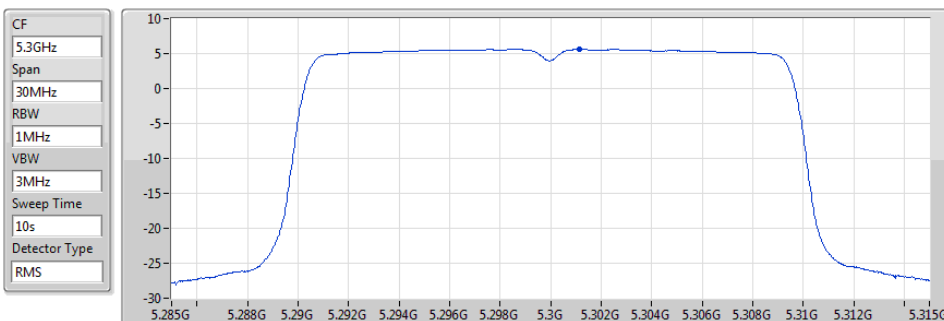
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.85	5.85	5.85

### 802.11ax HEW20\_Nss1,(MCS0)\_1TX

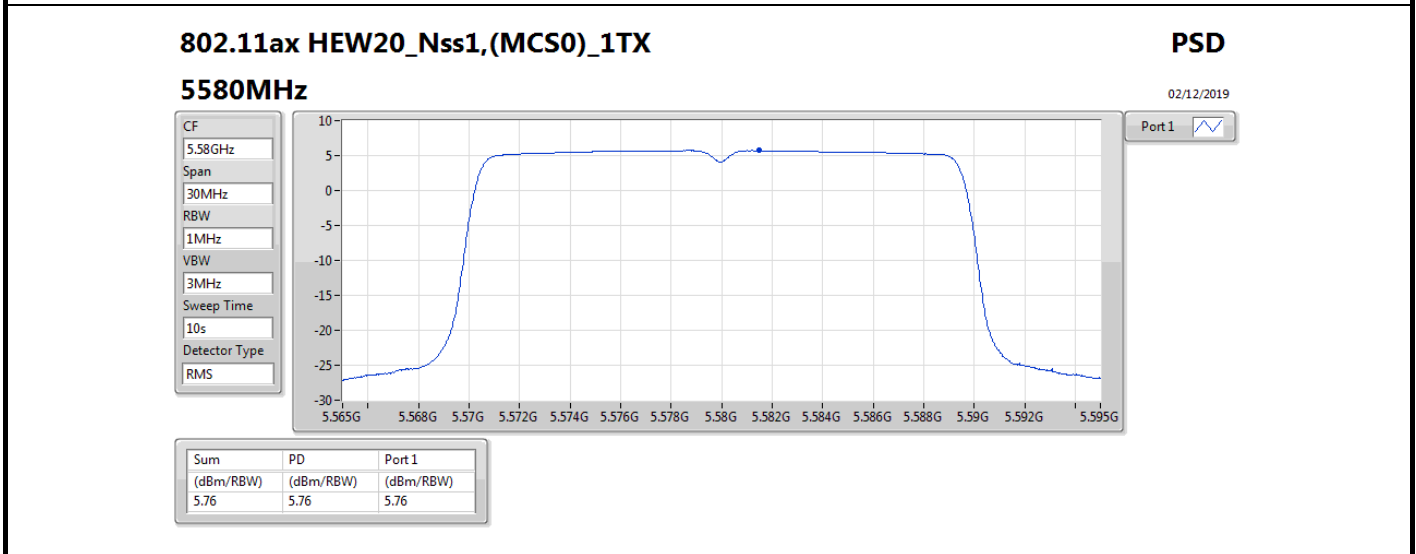
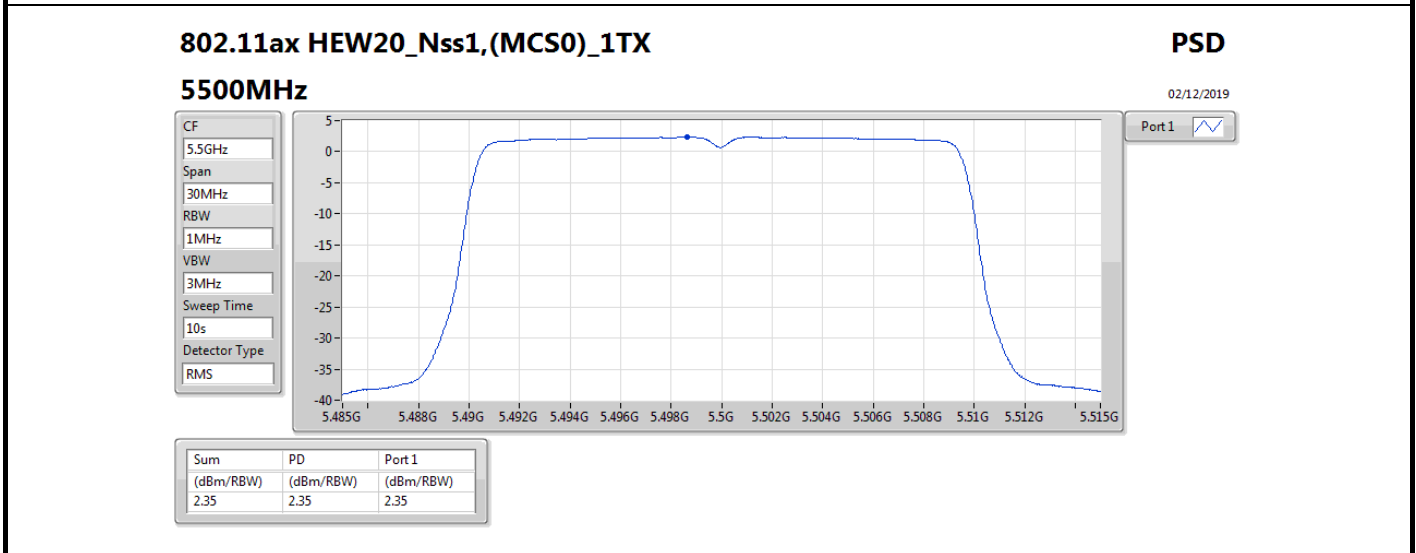
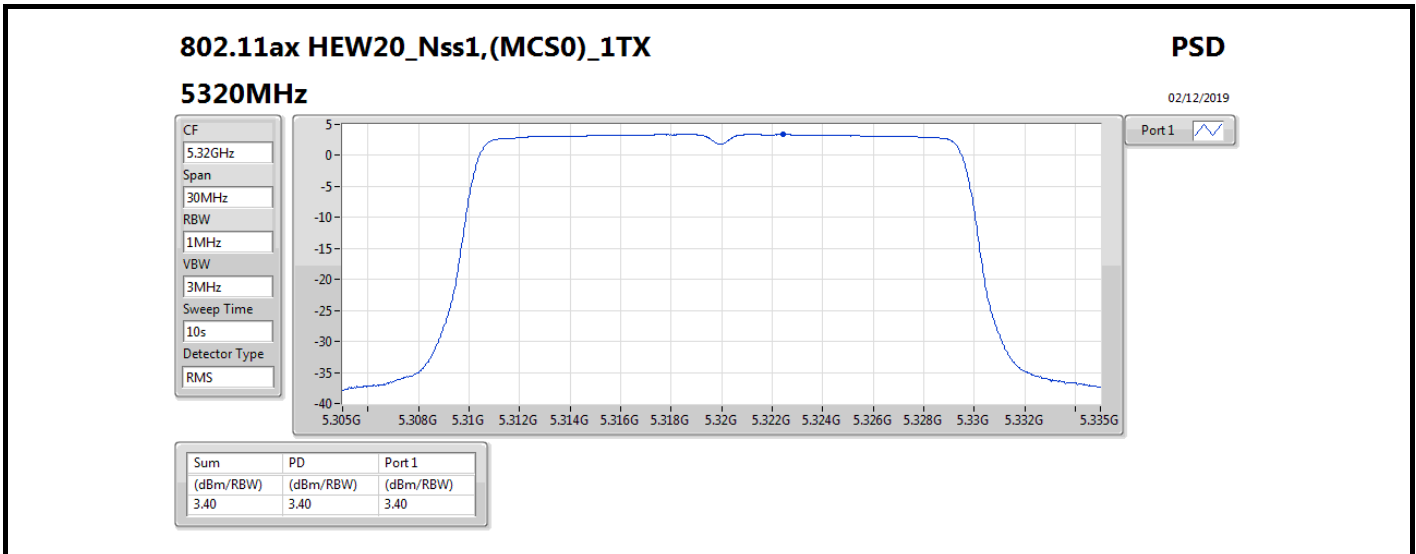
PSD

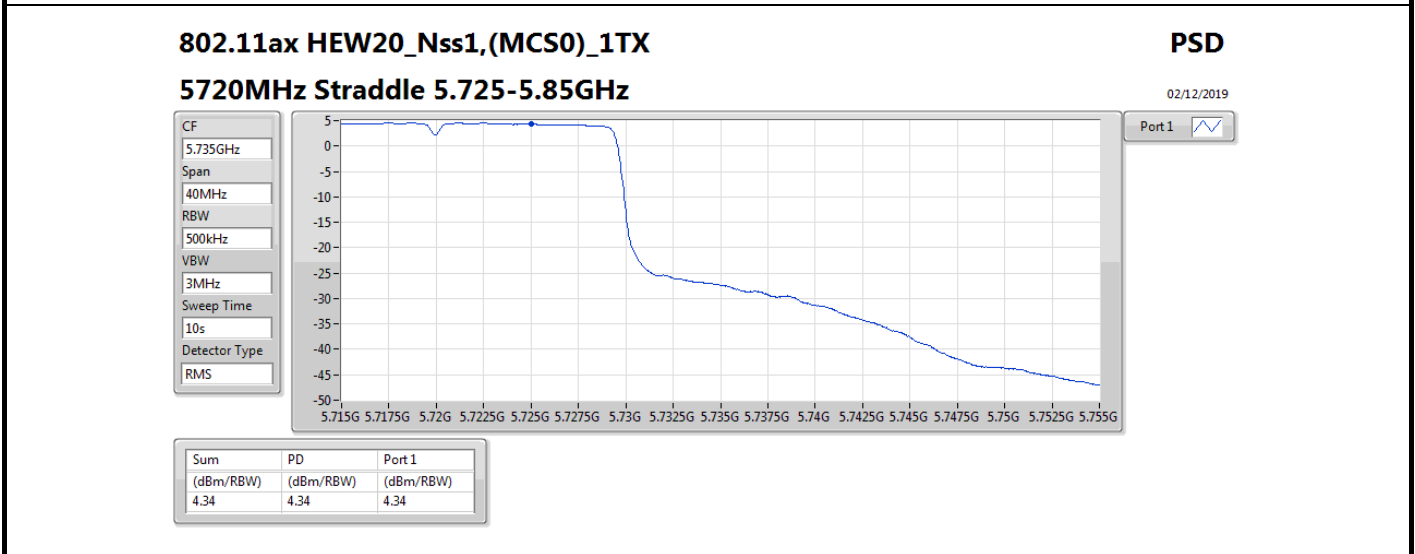
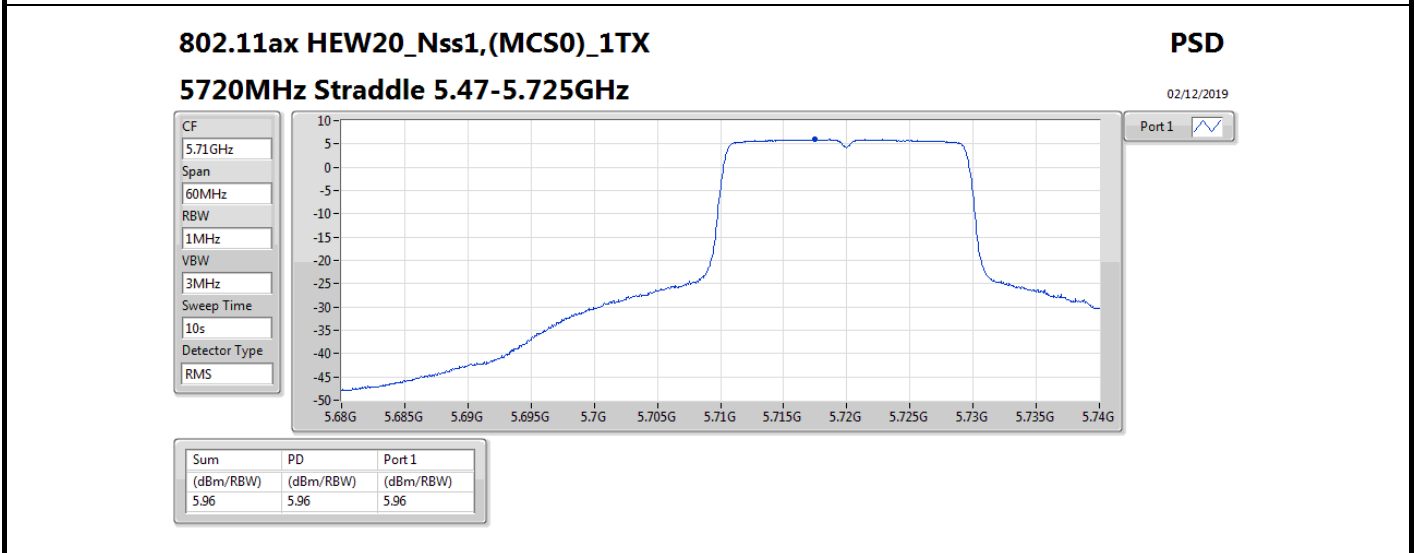
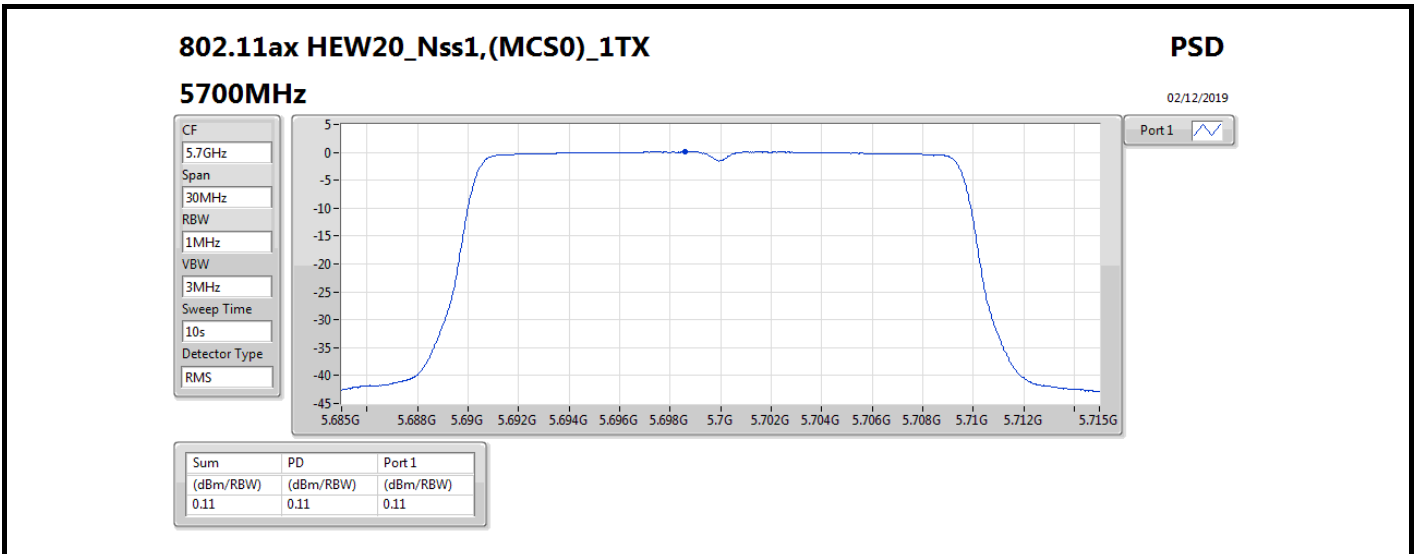
5300MHz

02/12/2019



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.59	5.59	5.59







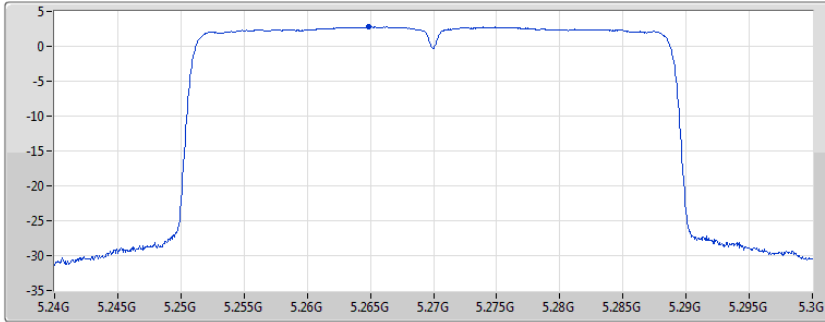
802.11ax HEW40\_Nss1,(MCS0)\_1TX

PSD

5270MHz

02/12/2019

CF  
5.27GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
10s  
Detector Type  
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.83	2.83	2.83

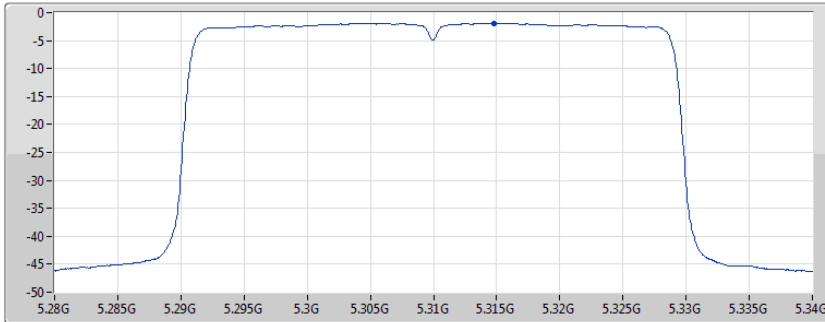
802.11ax HEW40\_Nss1,(MCS0)\_1TX

PSD

5310MHz

02/12/2019

CF  
5.31GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
10s  
Detector Type  
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.90	-1.90	-1.90

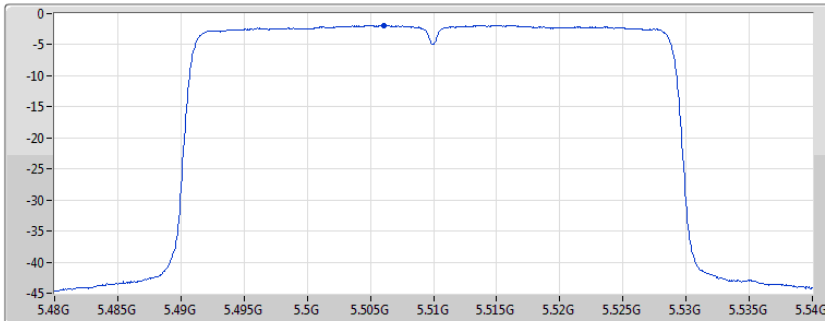
802.11ax HEW40\_Nss1,(MCS0)\_1TX

PSD

5510MHz

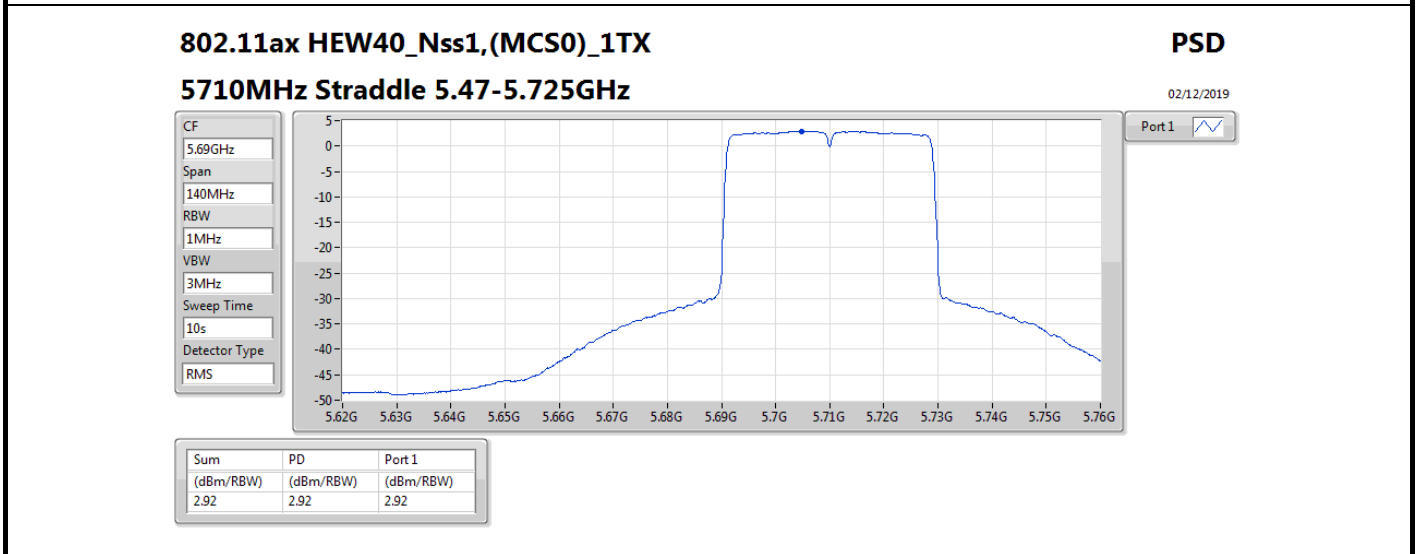
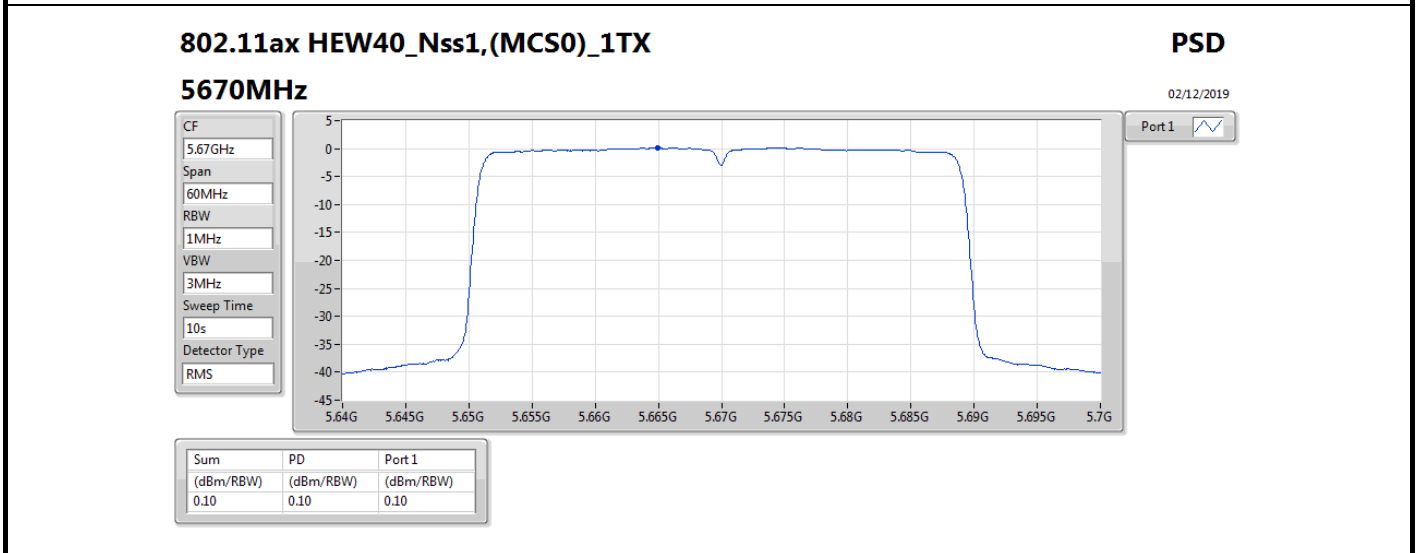
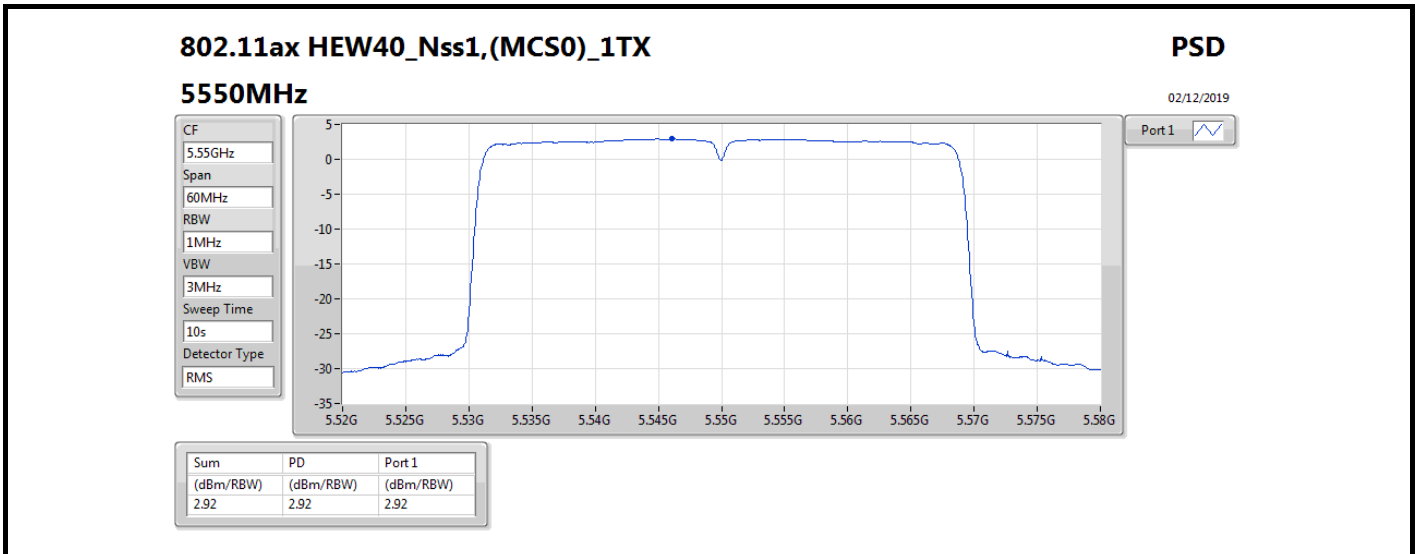
02/12/2019

CF  
5.51GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
10s  
Detector Type  
RMS

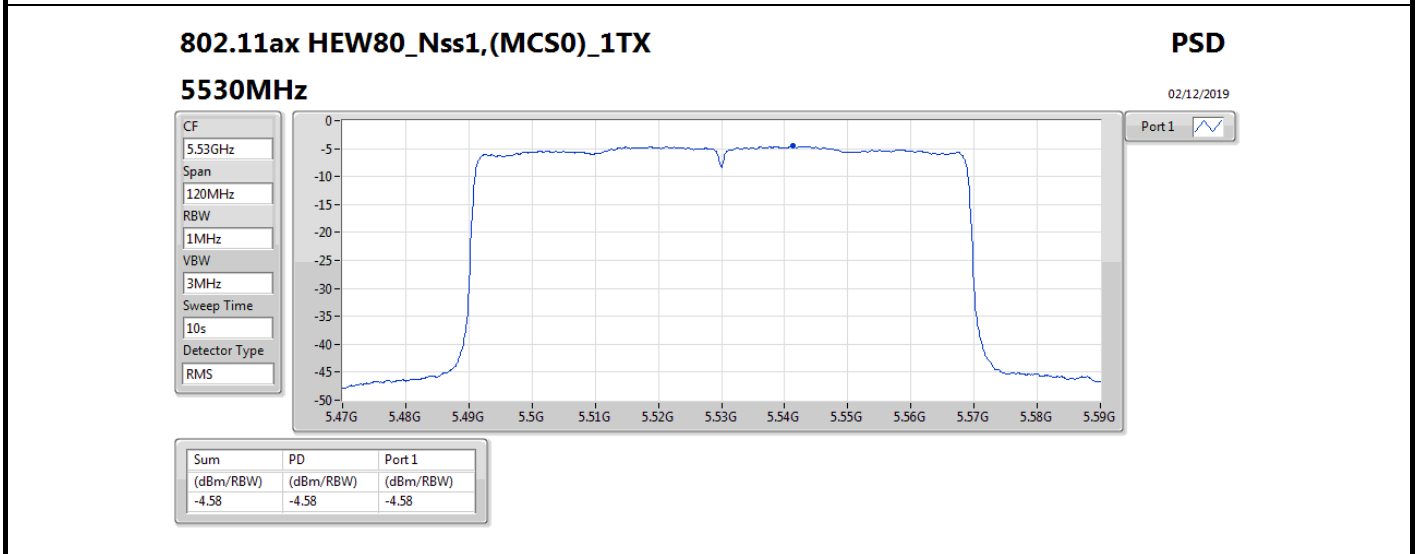
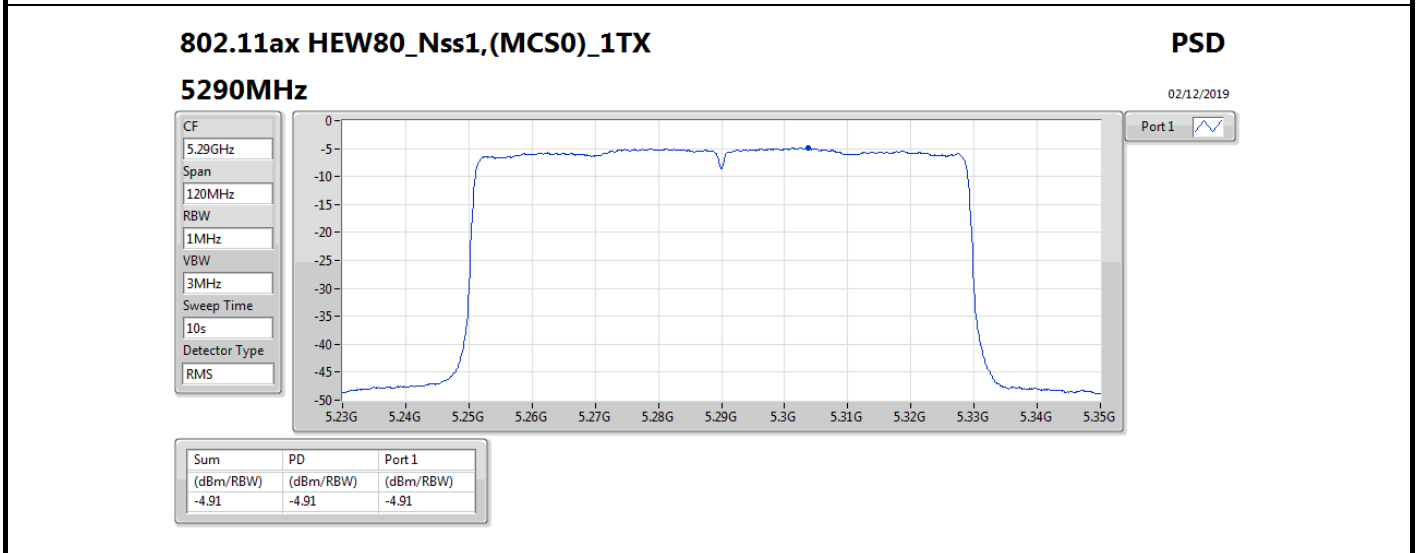
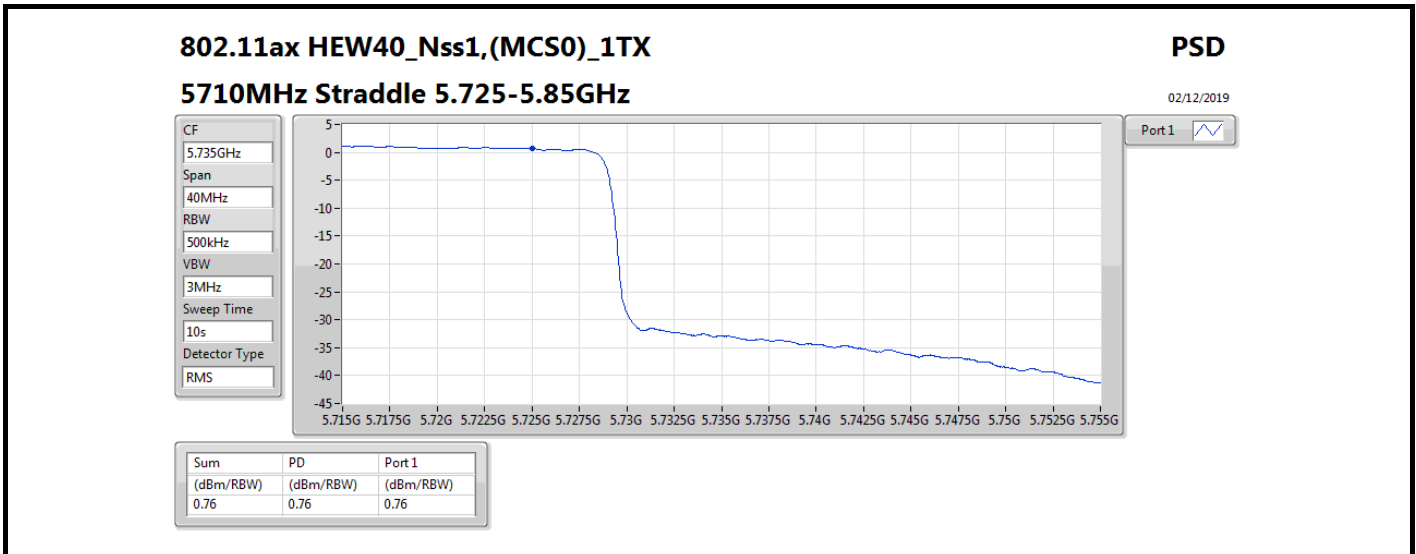


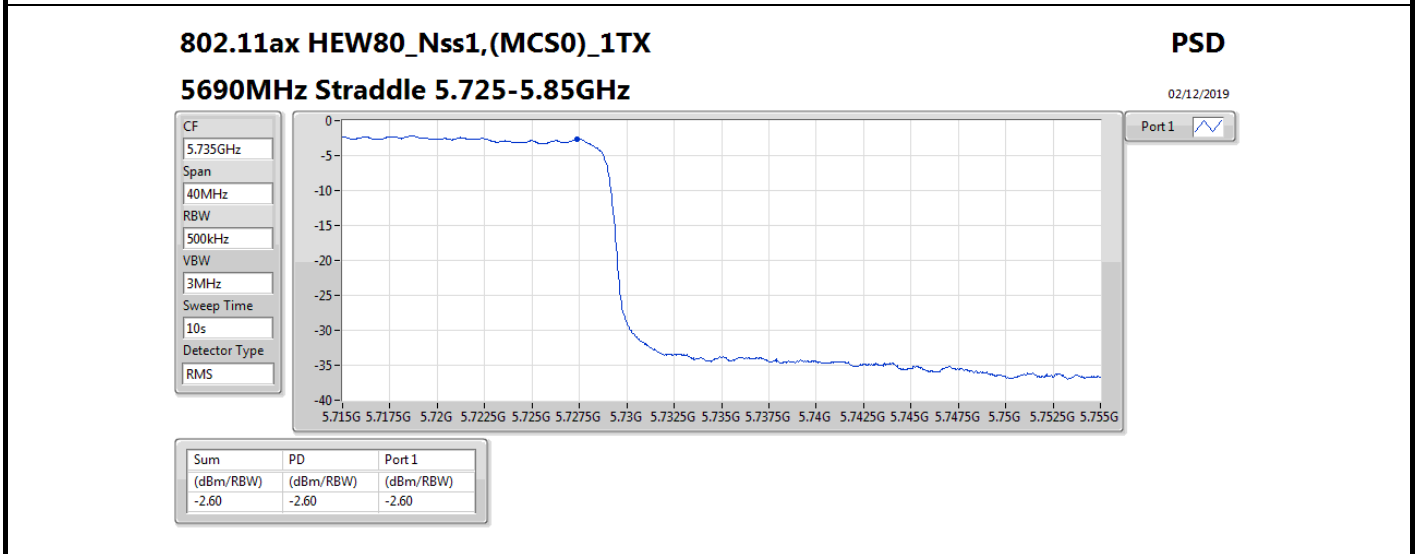
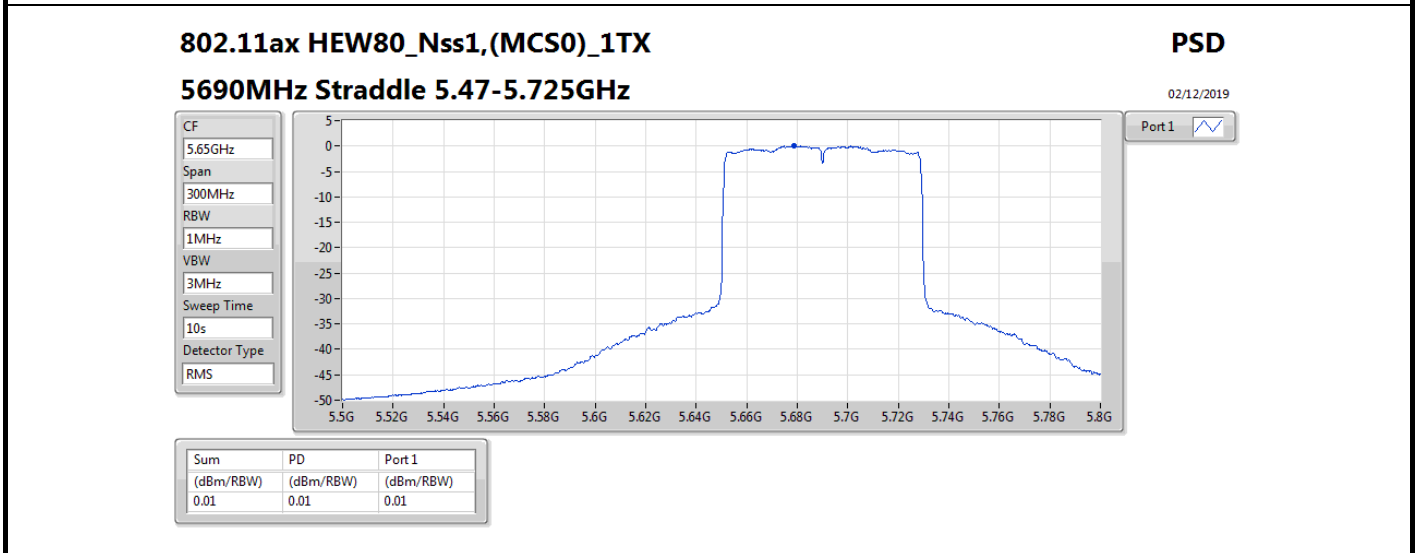
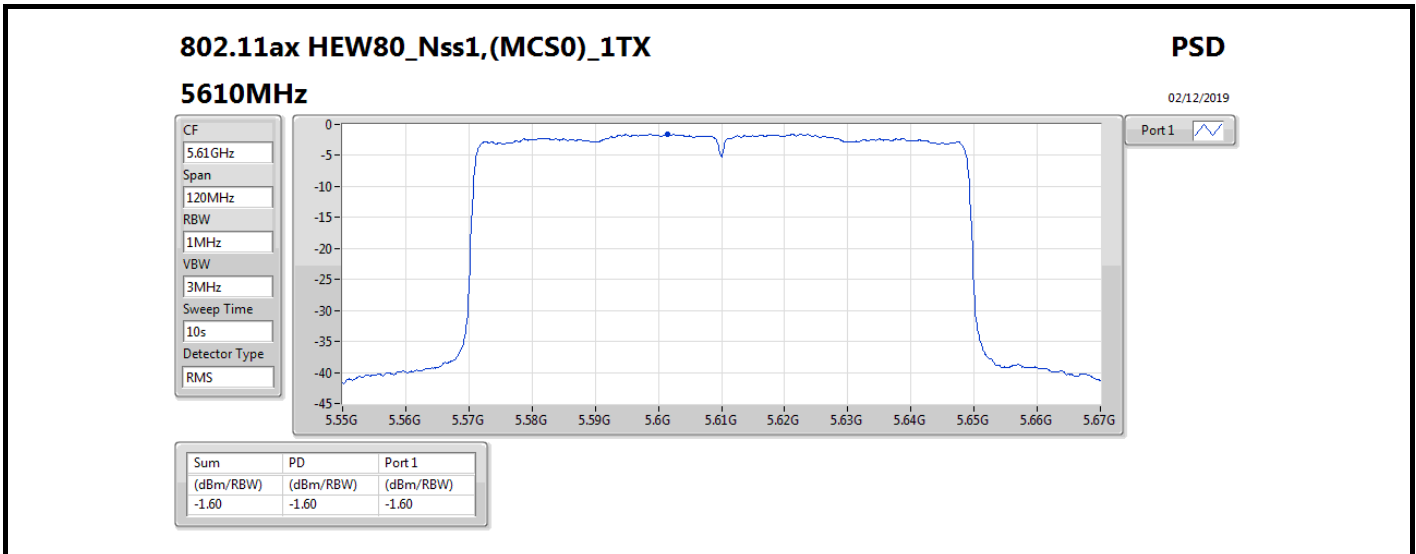
Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.87	-1.87	-1.87











Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	3.28	16.99
802.11ac VHT20_Nss2,(MCS0)_2TX	5.41	16.11
802.11ac VHT40_Nss2,(MCS0)_2TX	2.62	13.32
802.11ac VHT80_Nss2,(MCS0)_2TX	-4.23	6.47
802.11ax HEW20_Nss2,(MCS0)_2TX	5.42	16.12
802.11ax HEW40_Nss2,(MCS0)_2TX	2.63	13.33
802.11ax HEW80_Nss2,(MCS0)_2TX	-4.02	6.68
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	3.27	16.98
802.11ac VHT20_Nss2,(MCS0)_2TX	5.34	16.04
802.11ac VHT40_Nss2,(MCS0)_2TX	2.66	13.36
802.11ac VHT80_Nss2,(MCS0)_2TX	0.05	10.75
802.11ax HEW20_Nss2,(MCS0)_2TX	5.26	15.96
802.11ax HEW40_Nss2,(MCS0)_2TX	2.8	13.50
802.11ax HEW80_Nss2,(MCS0)_2TX	0.09	10.79
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	1.42	15.13
802.11ac VHT20_Nss2,(MCS0)_2TX	3.36	14.06
802.11ac VHT40_Nss2,(MCS0)_2TX	0.42	11.12
802.11ac VHT80_Nss2,(MCS0)_2TX	-2.99	7.71
802.11ax HEW20_Nss2,(MCS0)_2TX	3.38	14.08
802.11ax HEW40_Nss2,(MCS0)_2TX	0.6	11.30
802.11ax HEW80_Nss2,(MCS0)_2TX	-3.03	7.67

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



Result

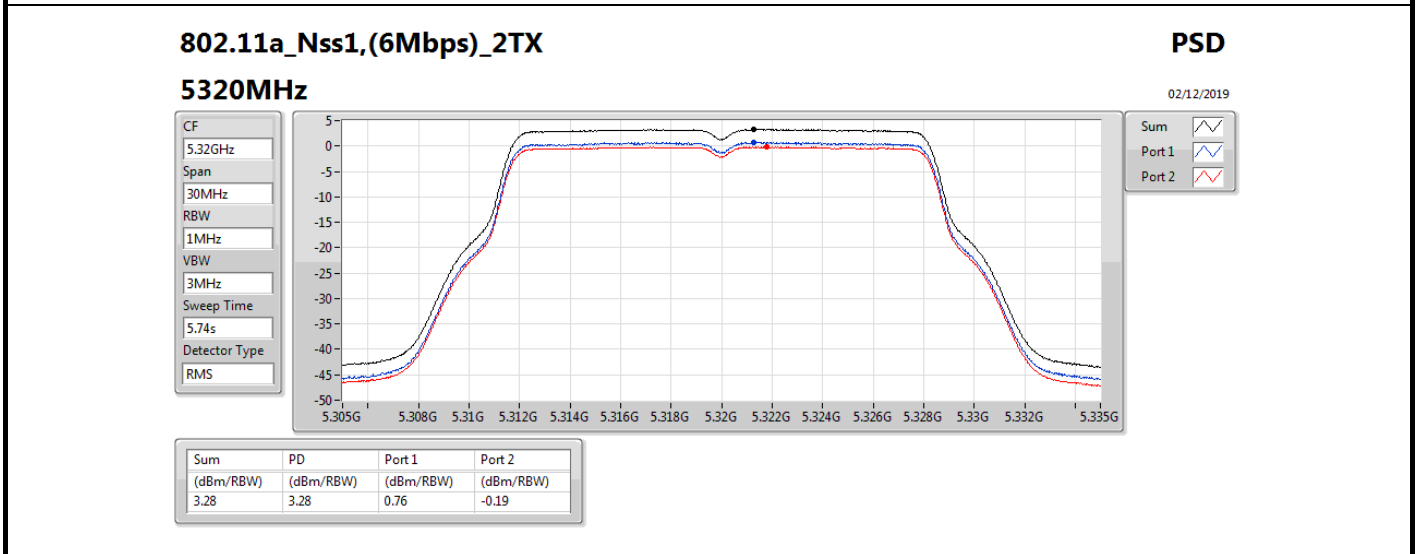
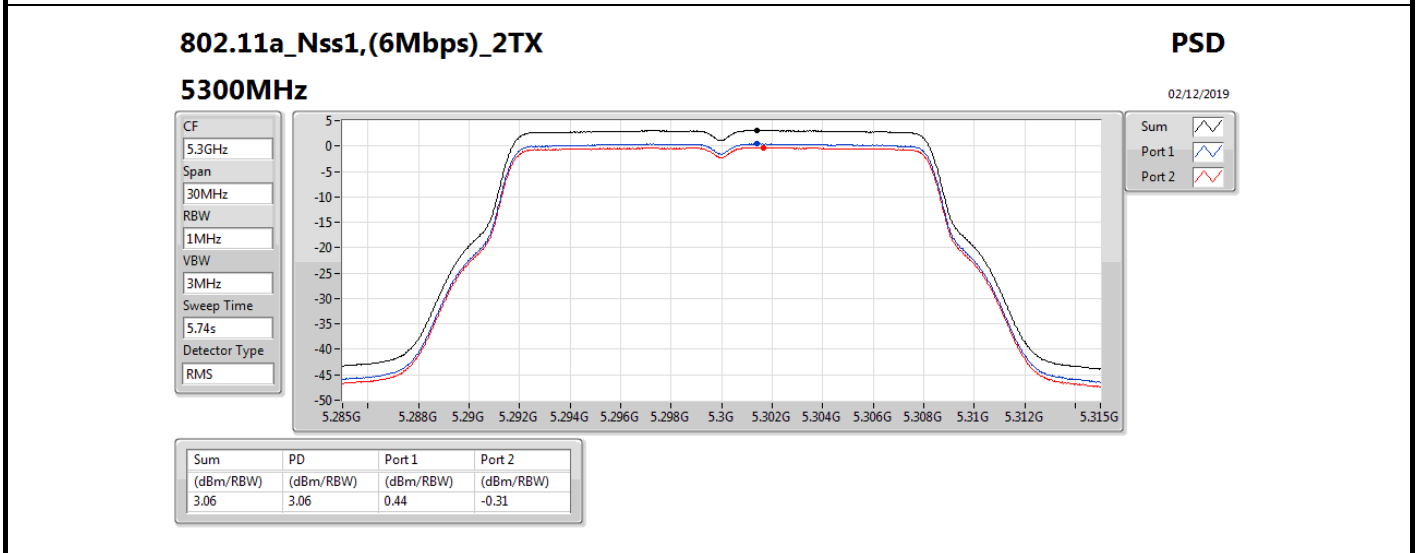
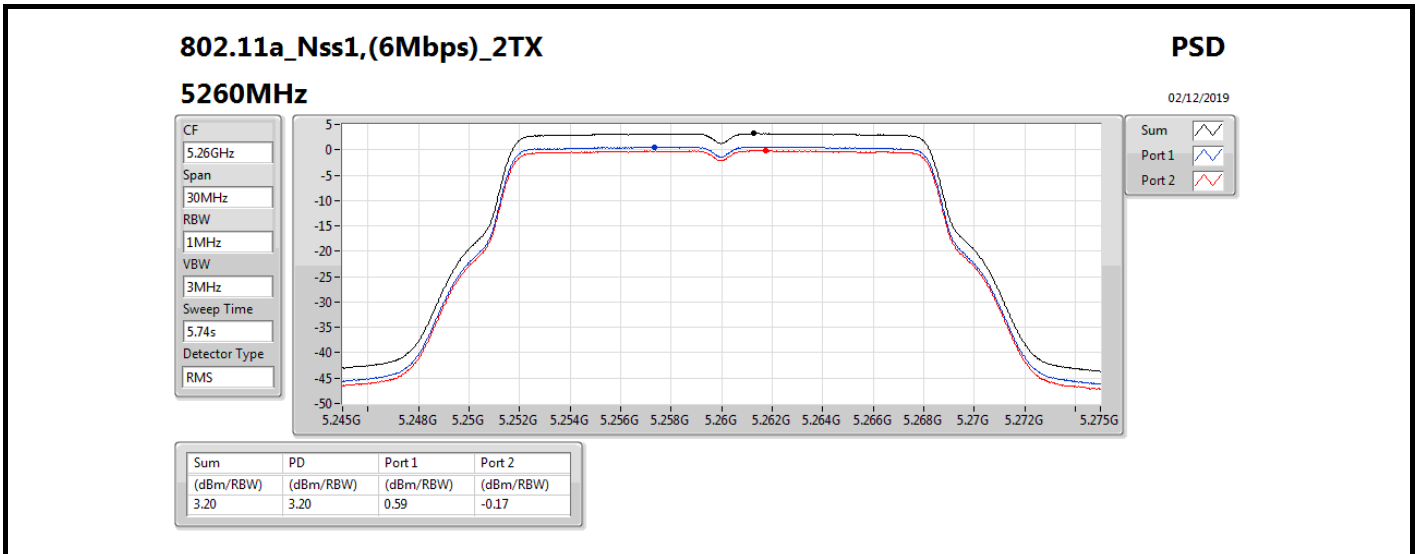
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	13.71	0.59	-0.17	3.20	3.29	16.91	17.00
5300MHz	Pass	13.71	0.44	-0.31	3.06	3.29	16.77	17.00
5320MHz	Pass	13.71	0.76	-0.19	3.28	3.29	16.99	17.00
5500MHz	Pass	13.71	0.13	0.13	3.14	3.29	16.85	17.00
5580MHz	Pass	13.71	0.26	0.11	3.19	3.29	16.90	17.00
5700MHz	Pass	13.71	0.33	0.19	3.27	3.29	16.98	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	13.71	0.28	0.1	3.16	3.29	16.87	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	13.71	-1.45	-1.73	1.42	22.29	15.13	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	2.84	2.11	5.41	6.30	16.11	17.00
5300MHz	Pass	10.70	2.71	1.92	5.30	6.30	16.00	17.00
5320MHz	Pass	10.70	2.29	1.7	4.95	6.30	15.65	17.00
5500MHz	Pass	10.70	2.37	2.24	5.26	6.30	15.96	17.00
5580MHz	Pass	10.70	2.51	2.28	5.34	6.30	16.04	17.00
5700MHz	Pass	10.70	1.54	1.13	4.31	6.30	15.01	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	2.33	1.93	5.10	6.30	15.80	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	0.45	0.27	3.36	25.30	14.06	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	0.14	-0.85	2.62	6.30	13.32	17.00
5310MHz	Pass	10.70	-3.12	-3.79	-0.52	6.30	10.18	17.00
5510MHz	Pass	10.70	-2.13	-2.38	0.66	6.30	11.36	17.00
5550MHz	Pass	10.70	-0.51	-0.56	2.39	6.30	13.09	17.00
5670MHz	Pass	10.70	-1.17	-1.55	1.61	6.30	12.31	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	-0.1	-0.5	2.66	6.30	13.36	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	-2.34	-2.86	0.42	25.30	11.12	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	-7.38	-6.97	-4.23	6.30	6.47	17.00
5530MHz	Pass	10.70	-6.89	-6.81	-3.92	6.30	6.78	17.00
5610MHz	Pass	10.70	-2.98	-2.93	0.05	6.30	10.75	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-3.35	-3.31	-0.35	6.30	10.35	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-6.22	-5.78	-2.99	25.30	7.71	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	2.85	1.97	5.42	6.30	16.12	17.00
5300MHz	Pass	10.70	2.59	1.94	5.28	6.30	15.98	17.00
5320MHz	Pass	10.70	2.27	1.53	4.91	6.30	15.61	17.00
5500MHz	Pass	10.70	2.29	2.19	5.23	6.30	15.93	17.00
5580MHz	Pass	10.70	2.35	2.19	5.26	6.30	15.96	17.00
5700MHz	Pass	10.70	1.42	1	4.21	6.30	14.91	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	2.17	1.82	5.00	6.30	15.70	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	0.48	0.25	3.38	25.30	14.08	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	0.03	-0.76	2.63	6.30	13.33	17.00
5310MHz	Pass	10.70	-3.06	-3.71	-0.38	6.30	10.32	17.00

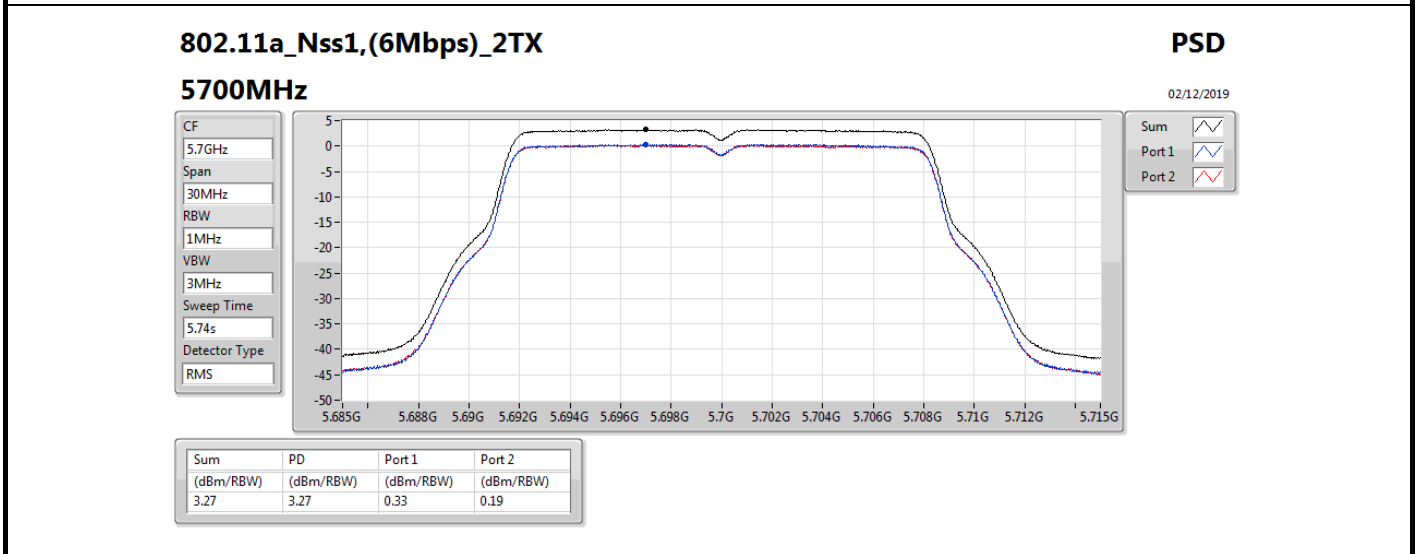
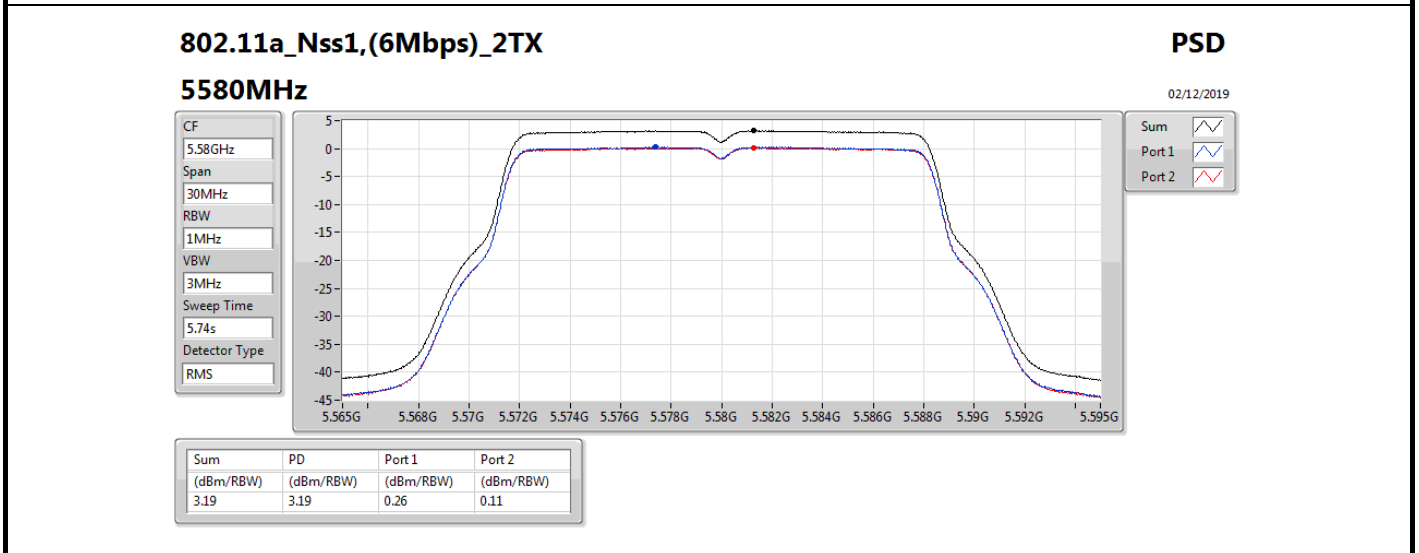
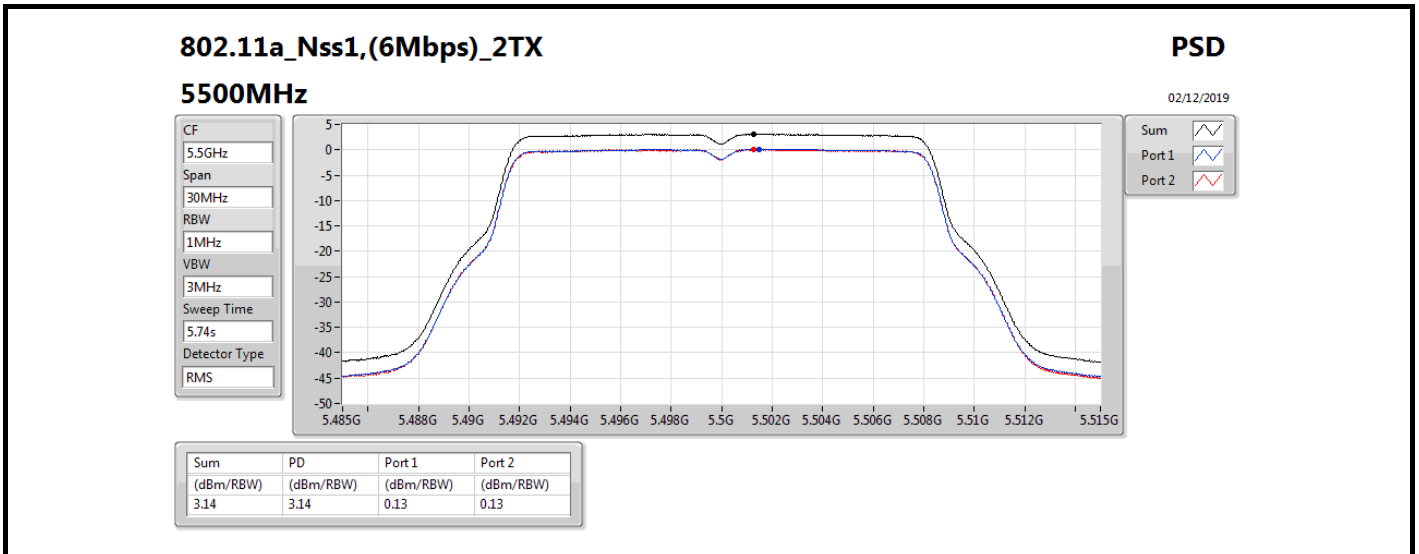


Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5510MHz	Pass	10.70	-2.26	-2.21	0.75	6.30	11.45	17.00
5550MHz	Pass	10.70	-0.51	-0.48	2.48	6.30	13.18	17.00
5670MHz	Pass	10.70	-1.13	-1.45	1.67	6.30	12.37	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	-0.02	-0.36	2.80	6.30	13.50	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	-2.13	-2.7	0.60	25.30	11.30	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	-7.21	-6.84	-4.02	6.30	6.68	17.00
5530MHz	Pass	10.70	-6.60	-6.72	-3.67	6.30	7.03	17.00
5610MHz	Pass	10.70	-2.80	-3.00	0.09	6.30	10.79	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-3.16	-3.46	-0.34	6.30	10.36	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-5.86	-6.19	-3.03	25.30	7.67	36.00

**DG** = Directional Gain; **RBW** = 500 kHz 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;



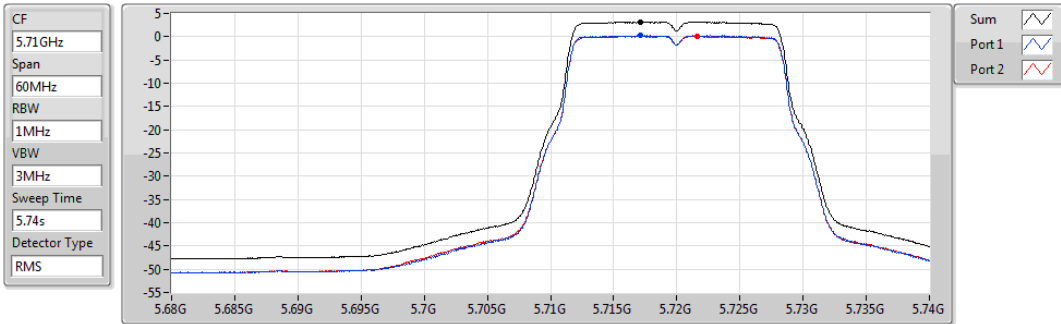




### 802.11a\_Nss1,(6Mbps)\_2TX 5720MHz Straddle 5.47-5.725GHz

PSD

02/12/2019

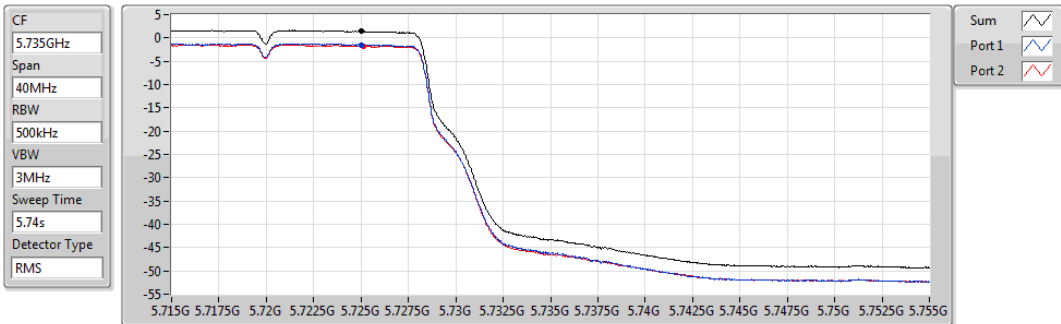


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.16	3.16	0.28	0.10

### 802.11a\_Nss1,(6Mbps)\_2TX 5720MHz Straddle 5.725-5.85GHz

PSD

02/12/2019

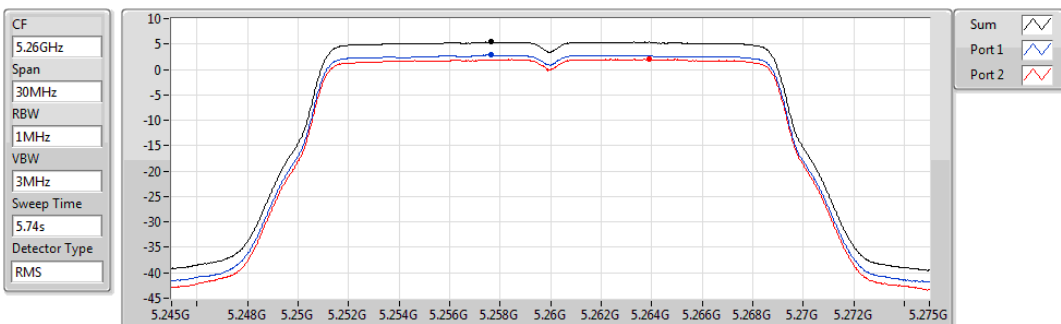


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.42	1.42	-1.45	-1.73

### 802.11ac VHT20\_Nss2,(MCS0)\_2TX 5260MHz

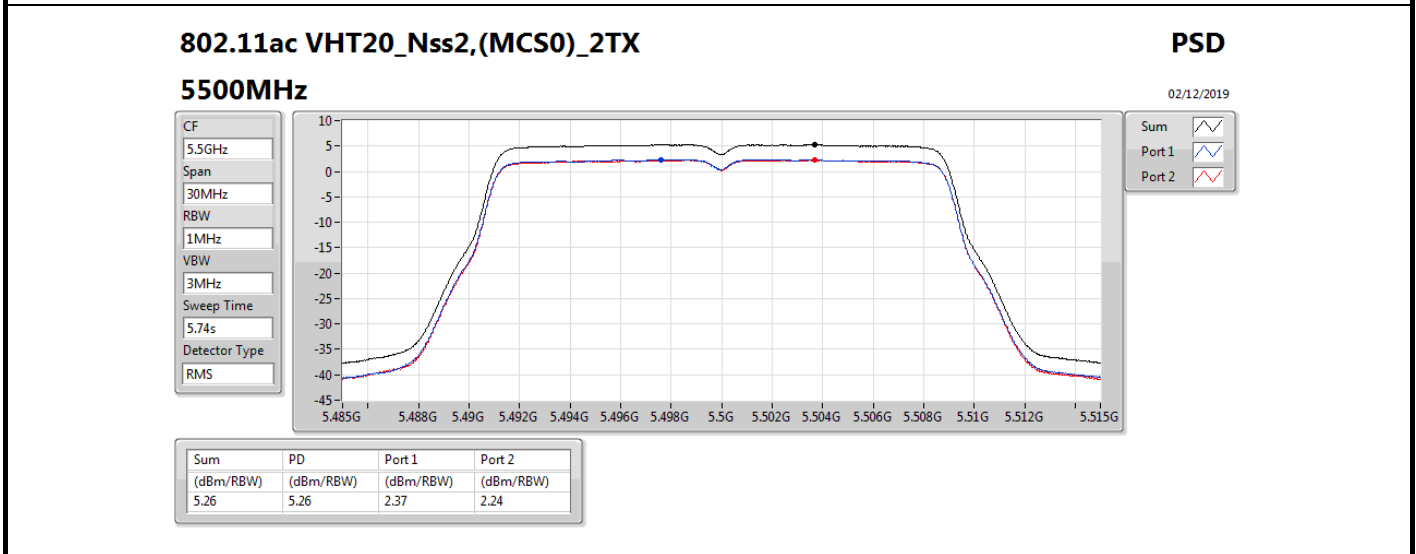
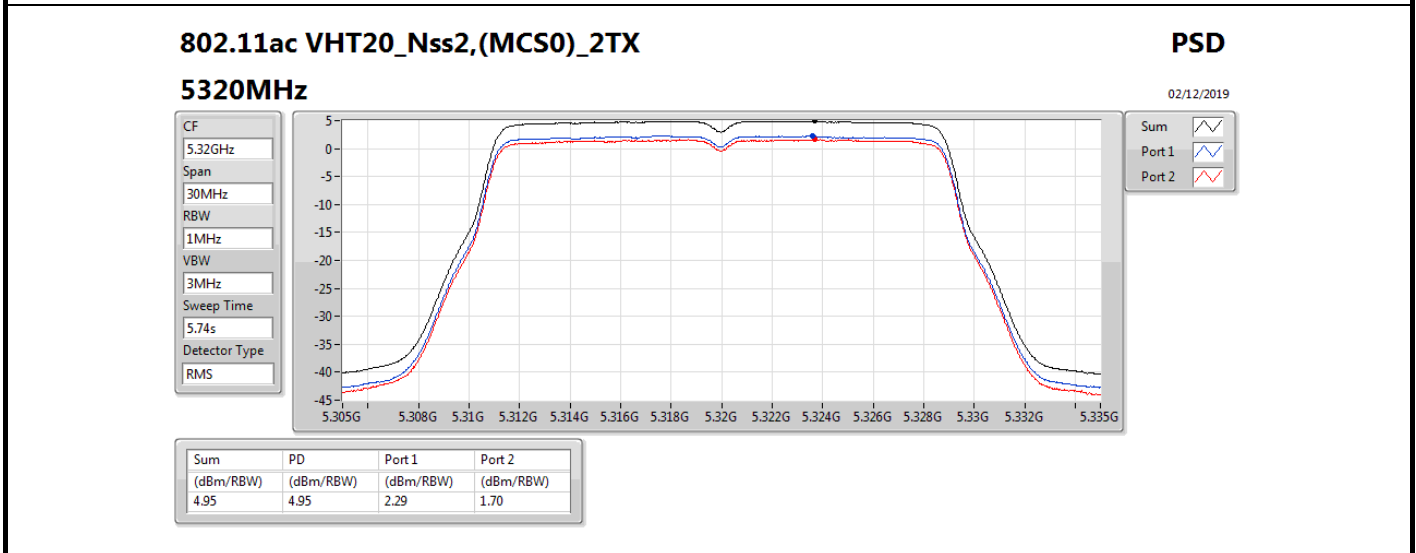
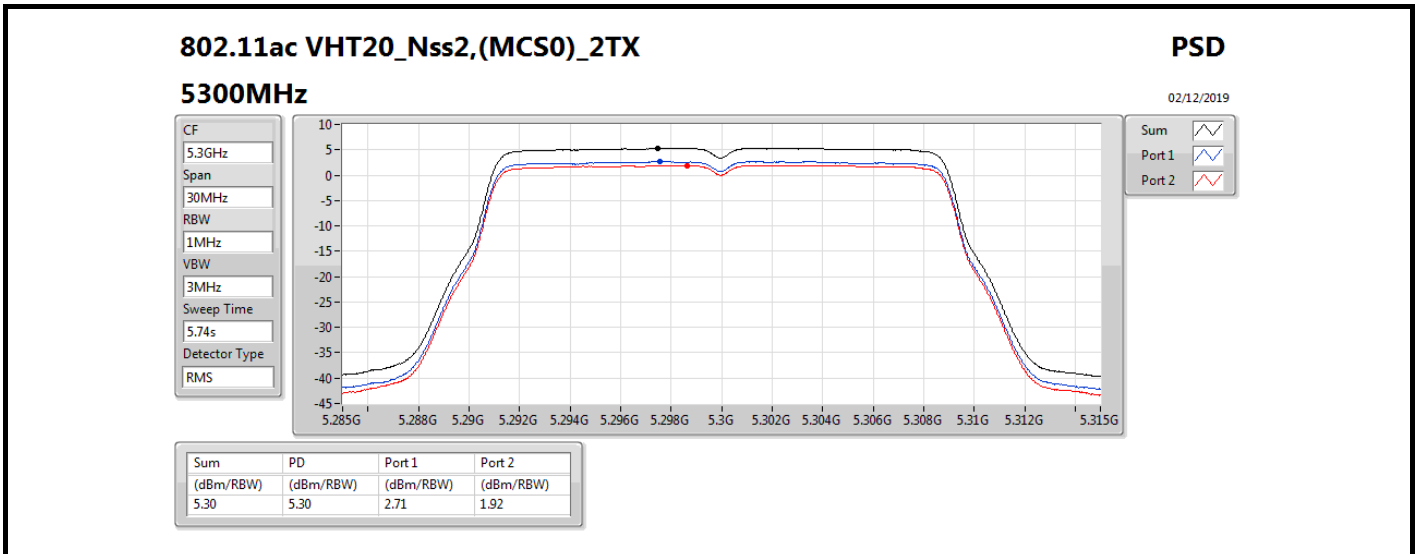
PSD

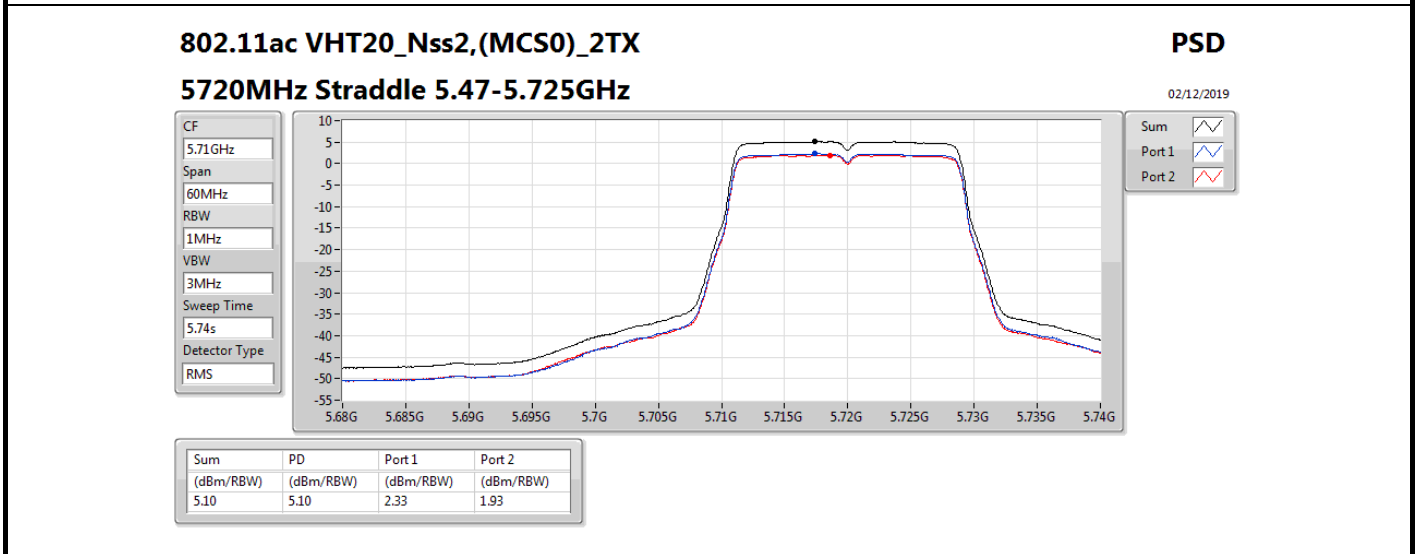
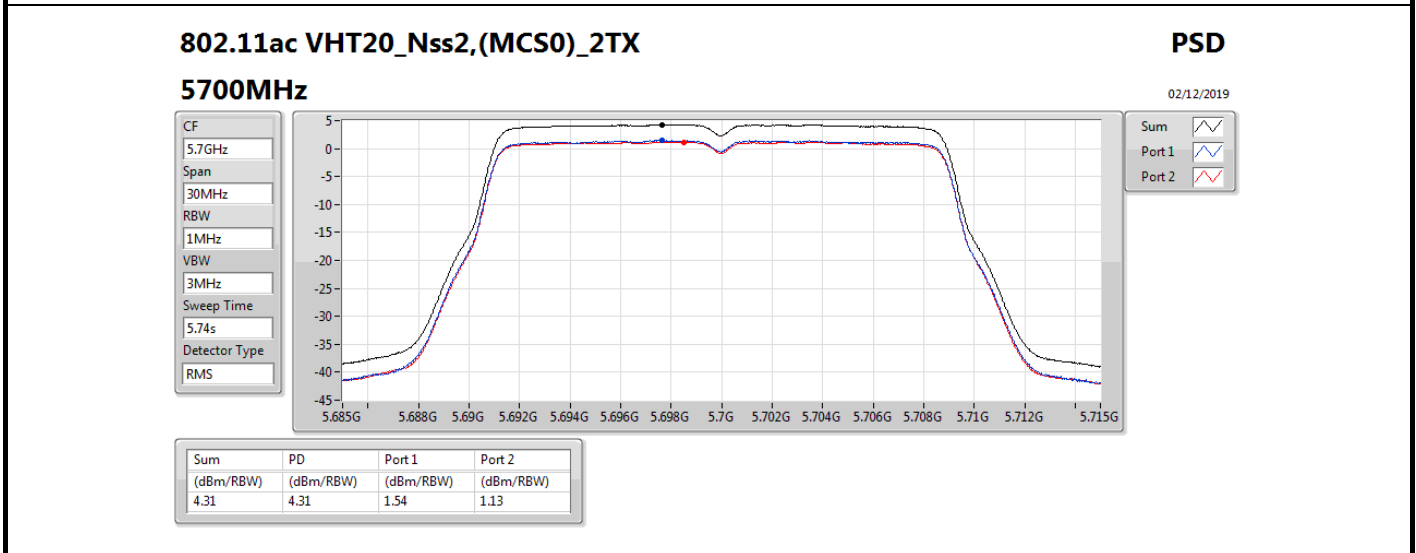
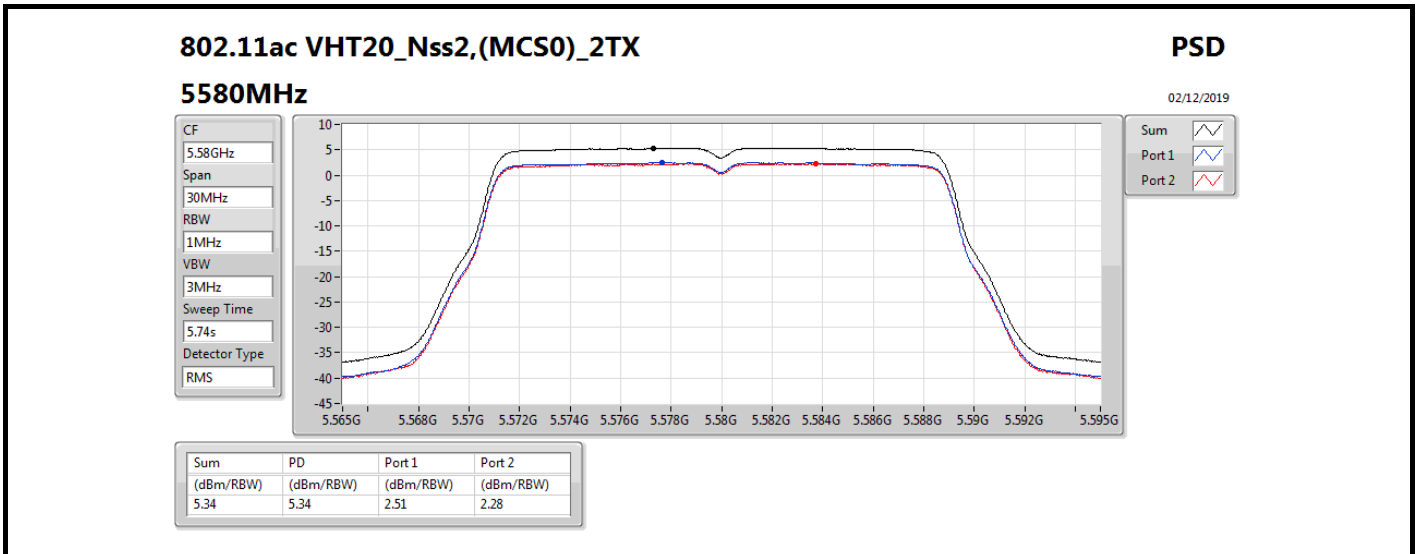
02/12/2019

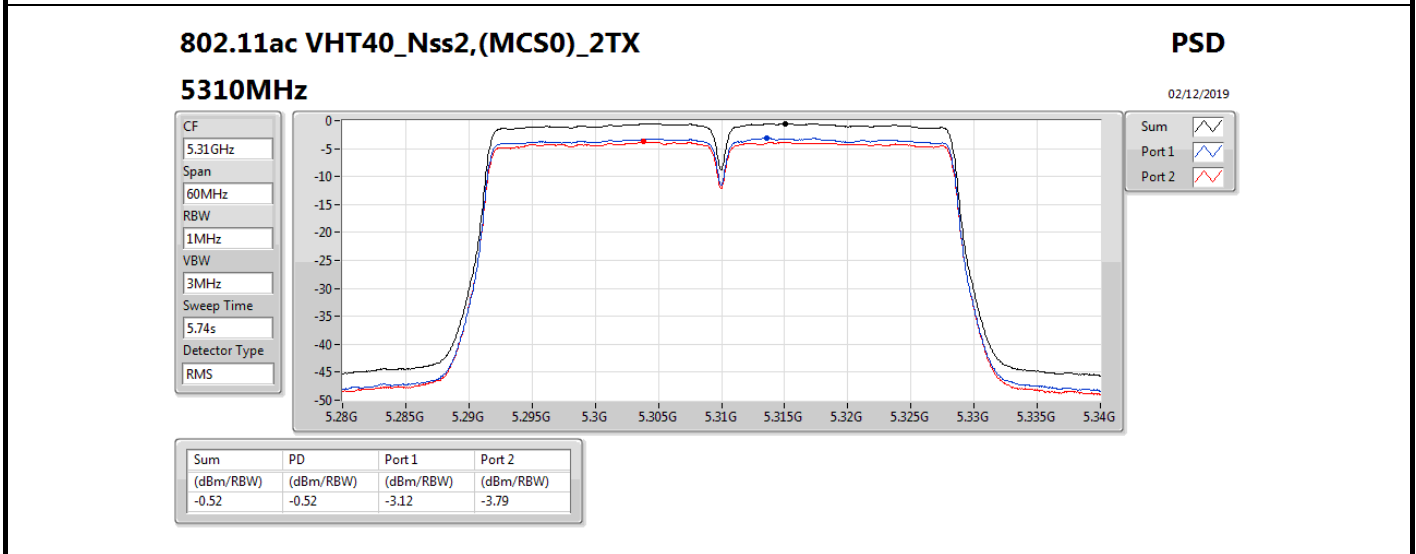
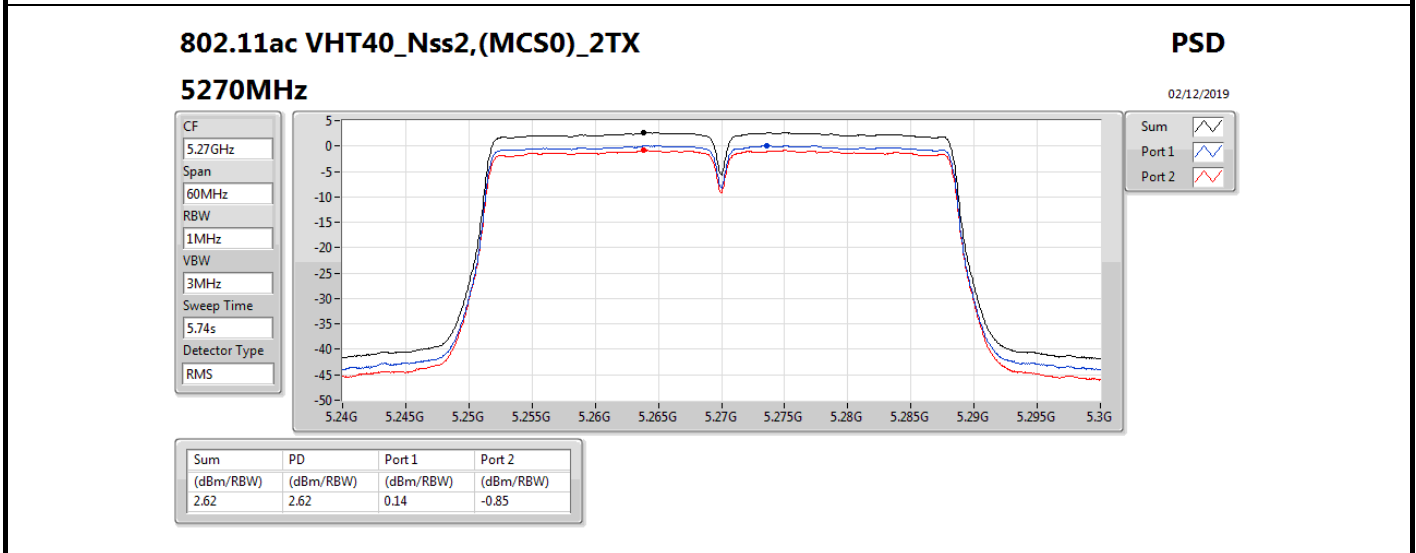
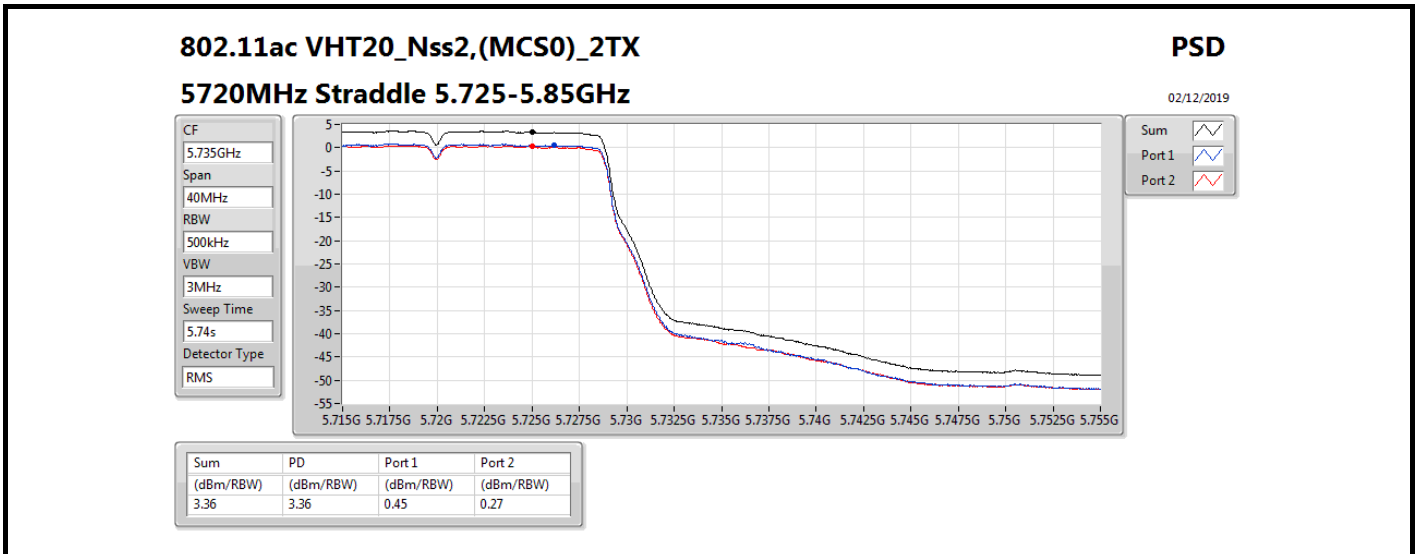


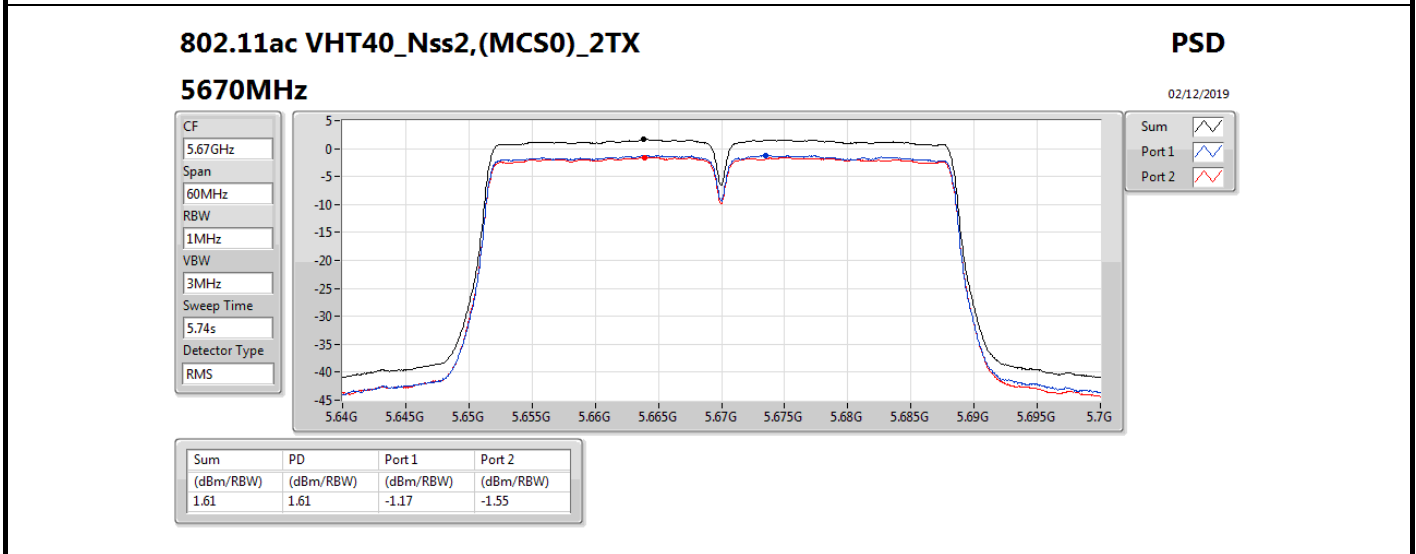
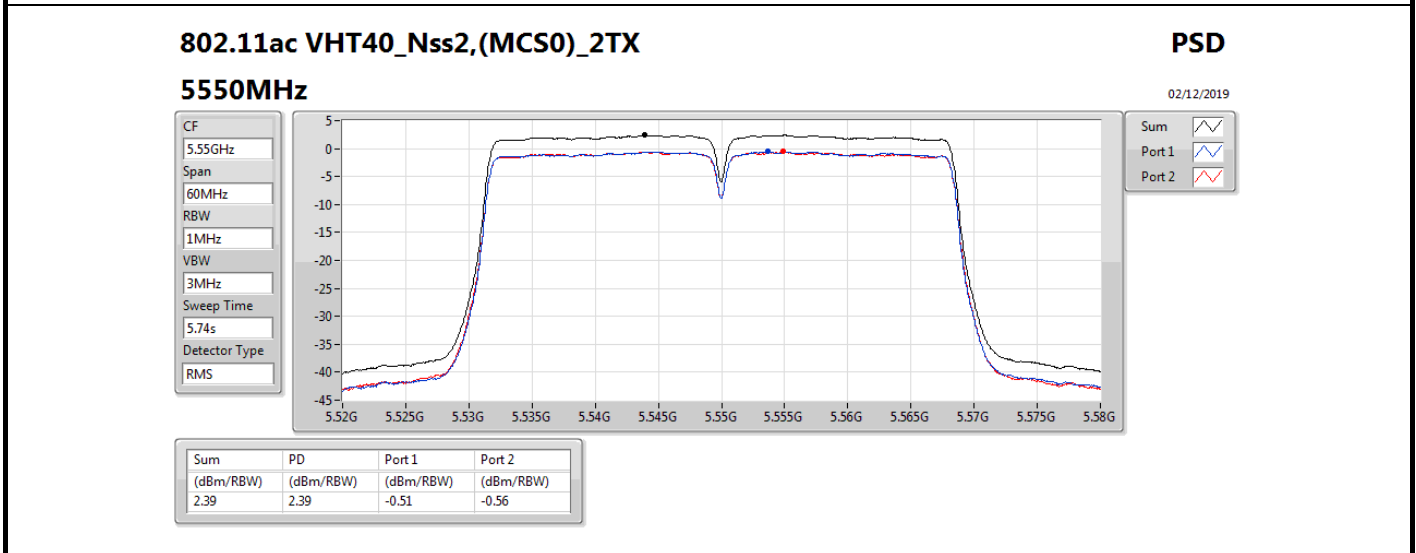
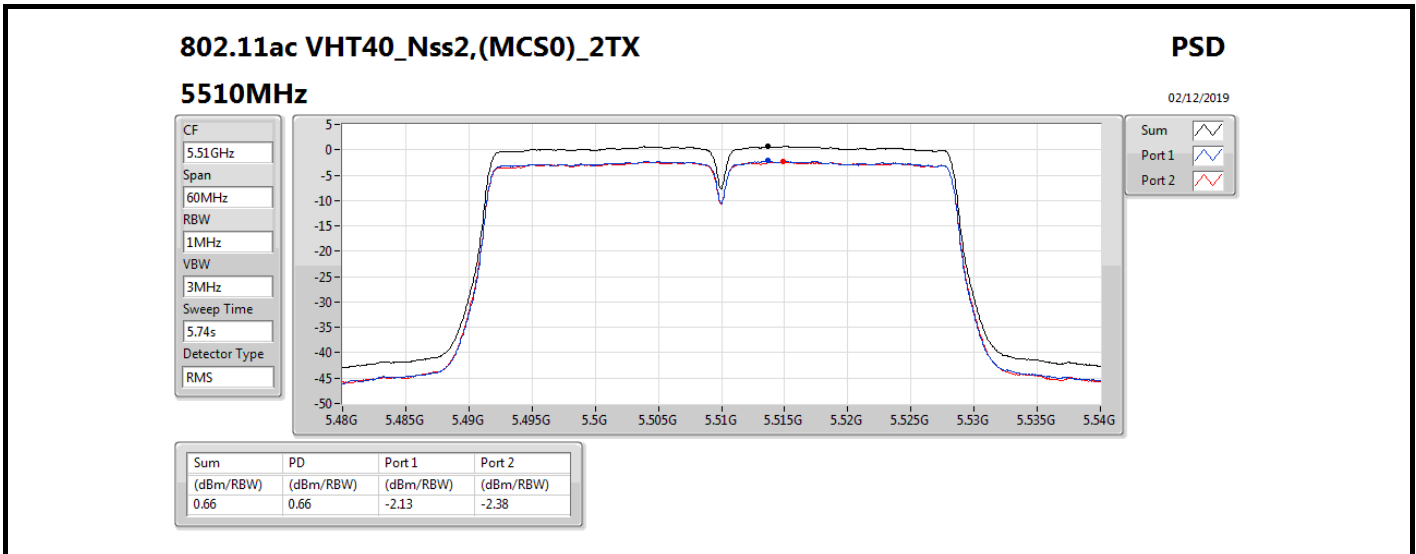
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.41	5.41	2.84	2.11

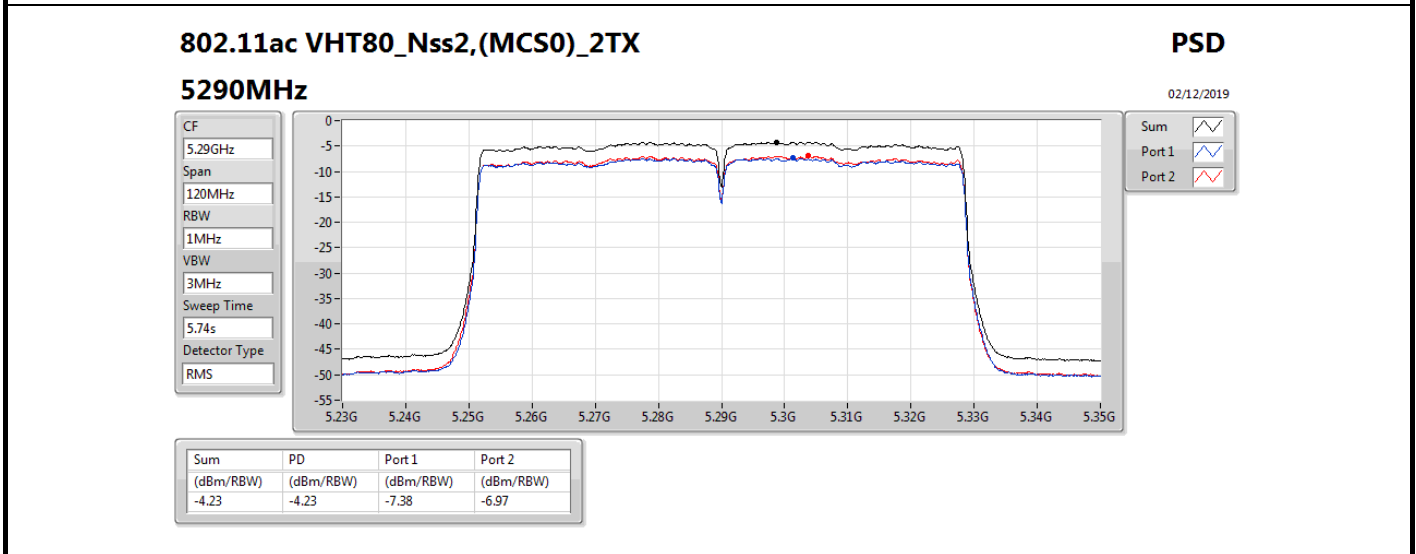
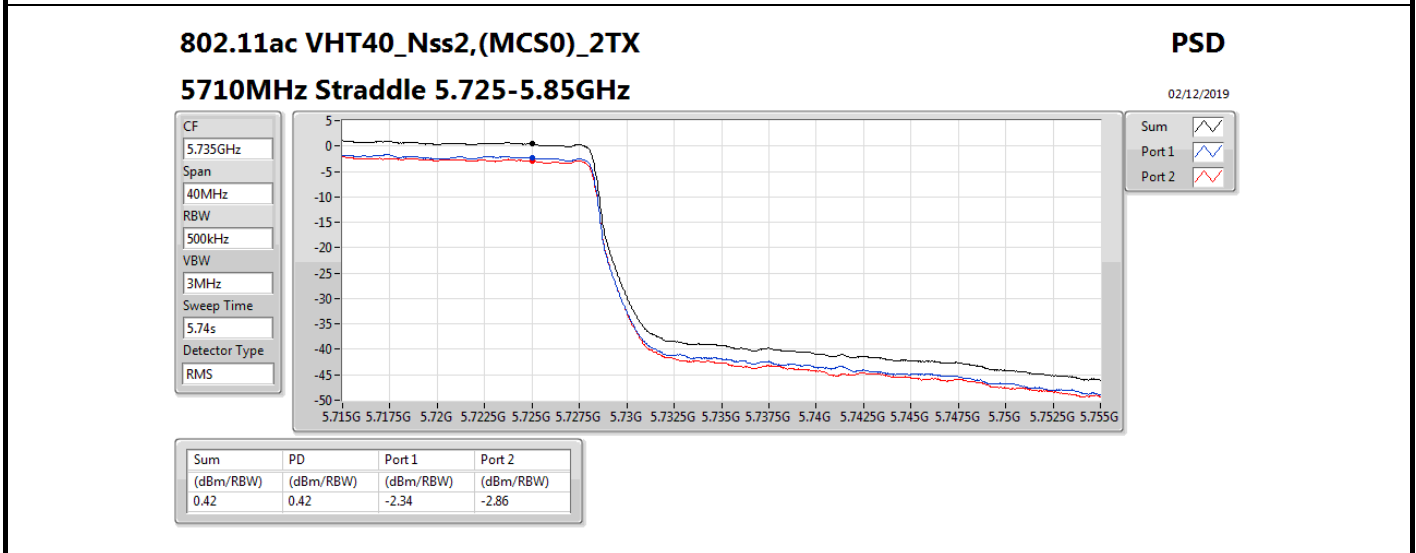
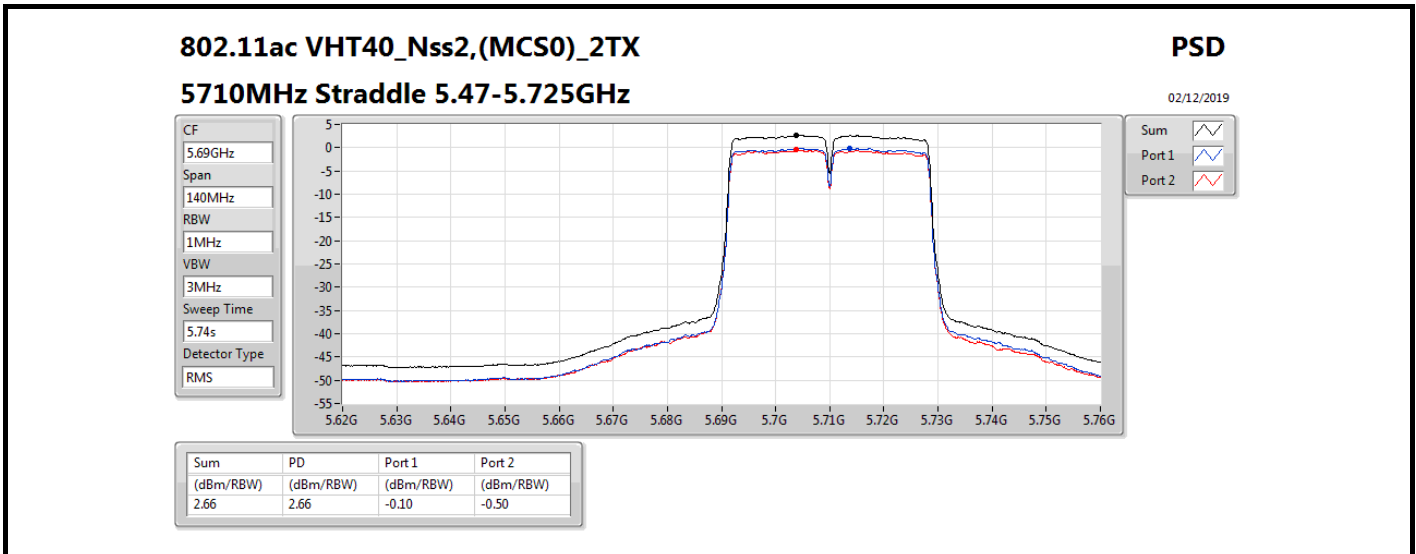


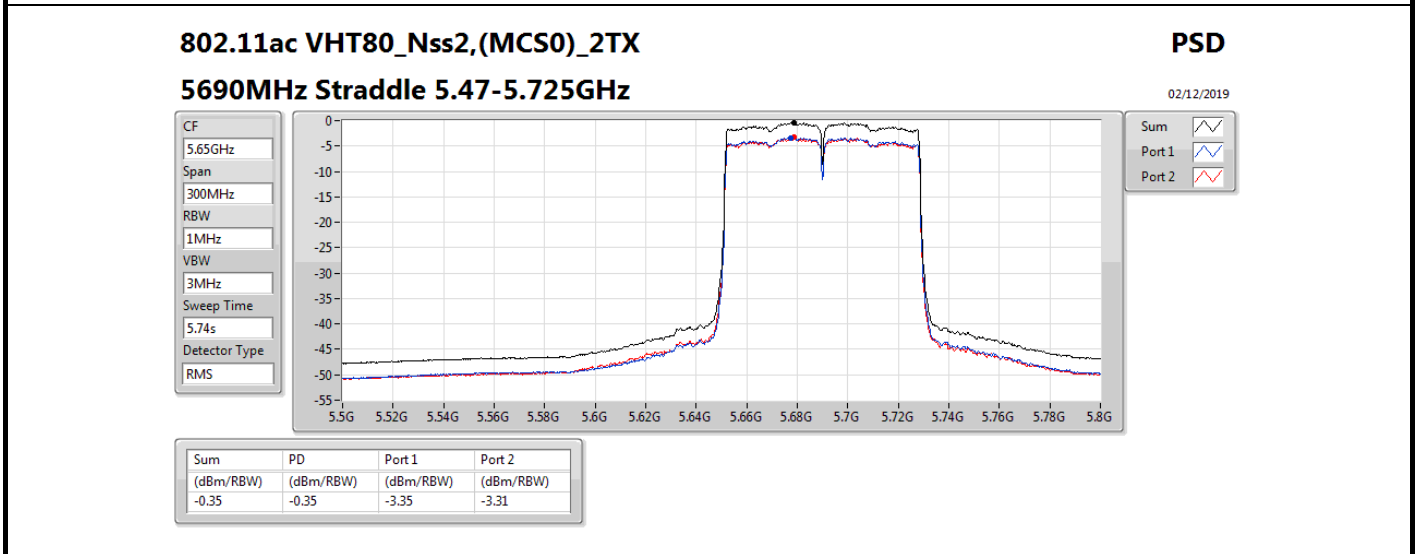
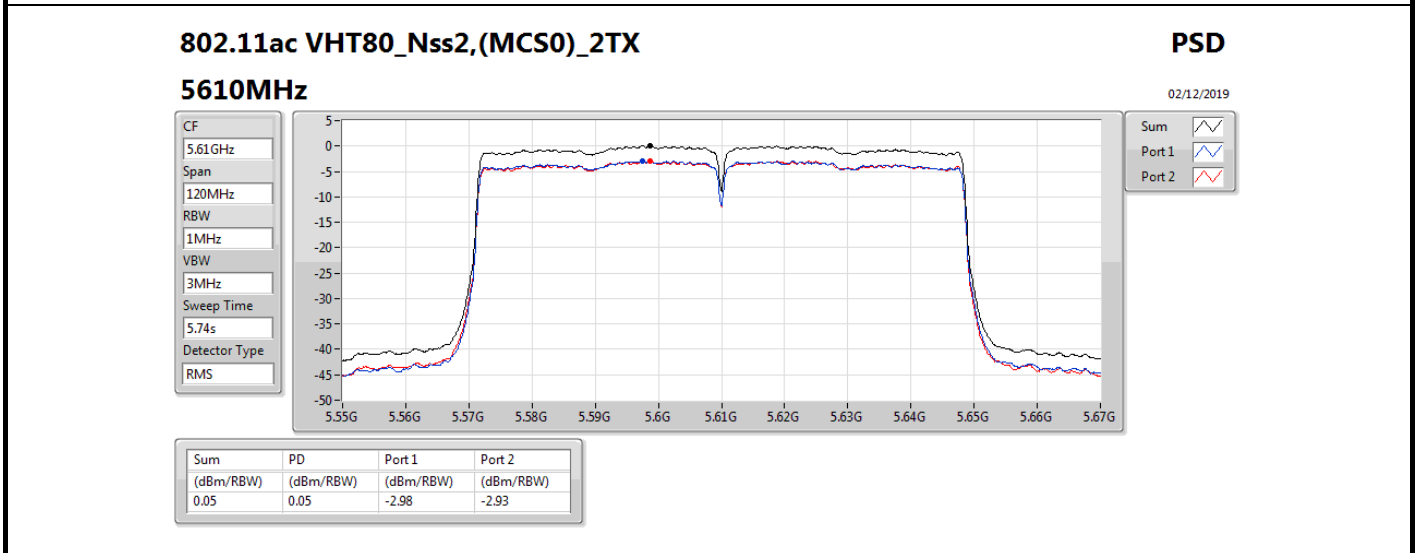
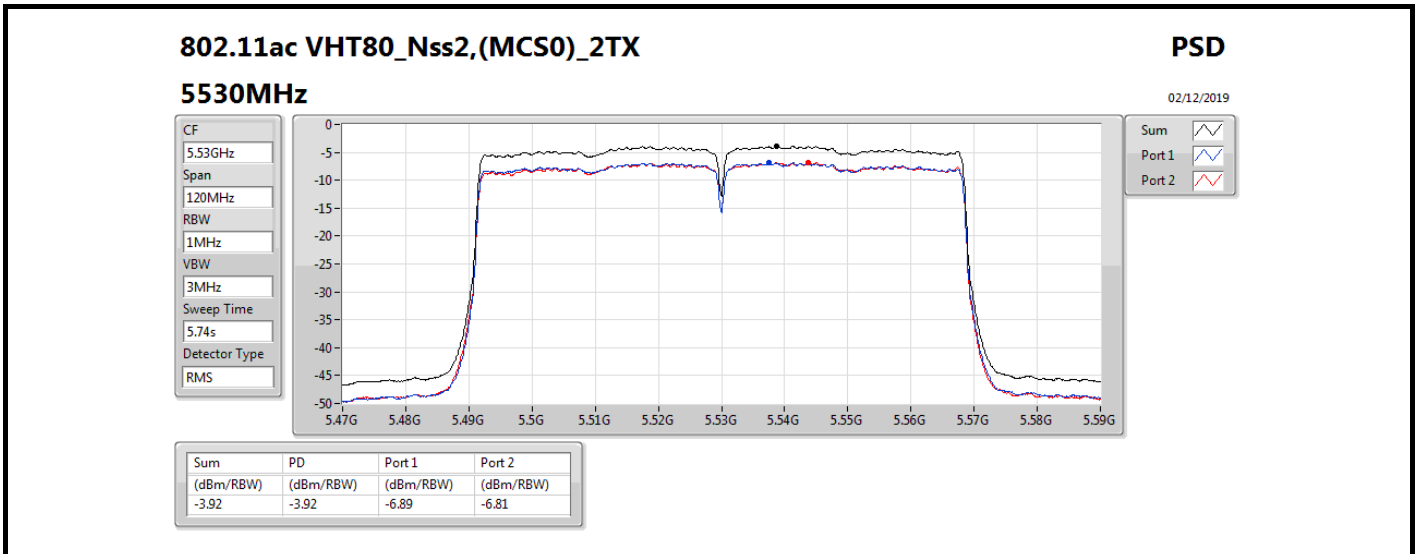












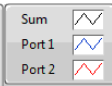
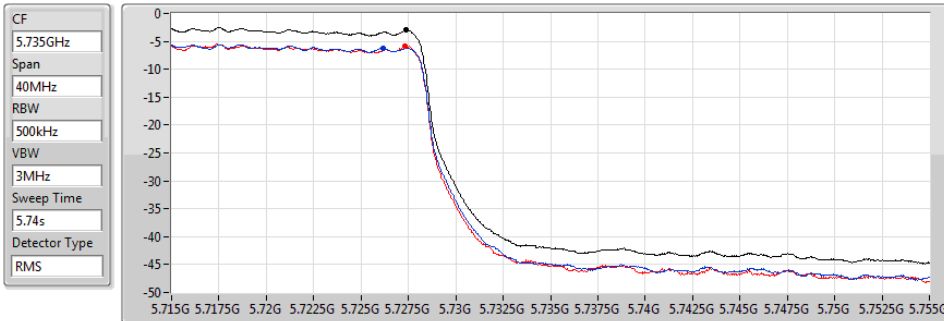


**802.11ac VHT80\_Nss2,(MCS0)\_2TX**

**PSD**

**5690MHz Straddle 5.725-5.85GHz**

02/12/2019



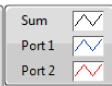
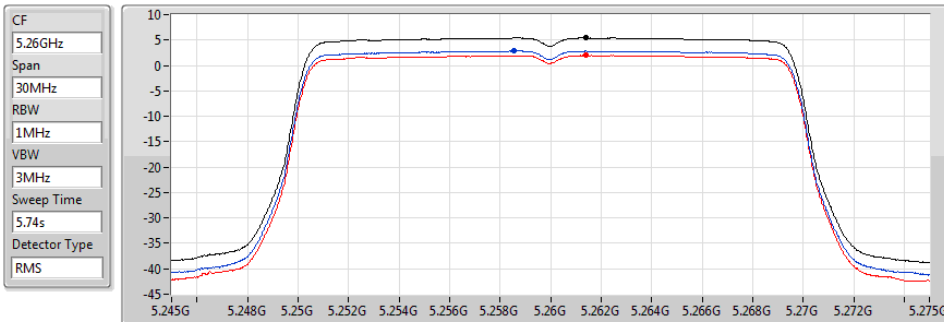
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.99	-2.99	-6.22	-5.78

**802.11ax HEW20\_Nss2,(MCS0)\_2TX**

**PSD**

**5260MHz**

02/12/2019



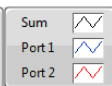
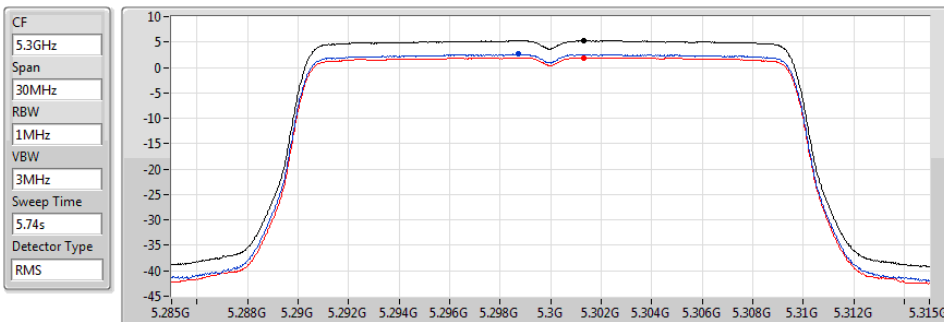
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.42	5.42	2.85	1.97

**802.11ax HEW20\_Nss2,(MCS0)\_2TX**

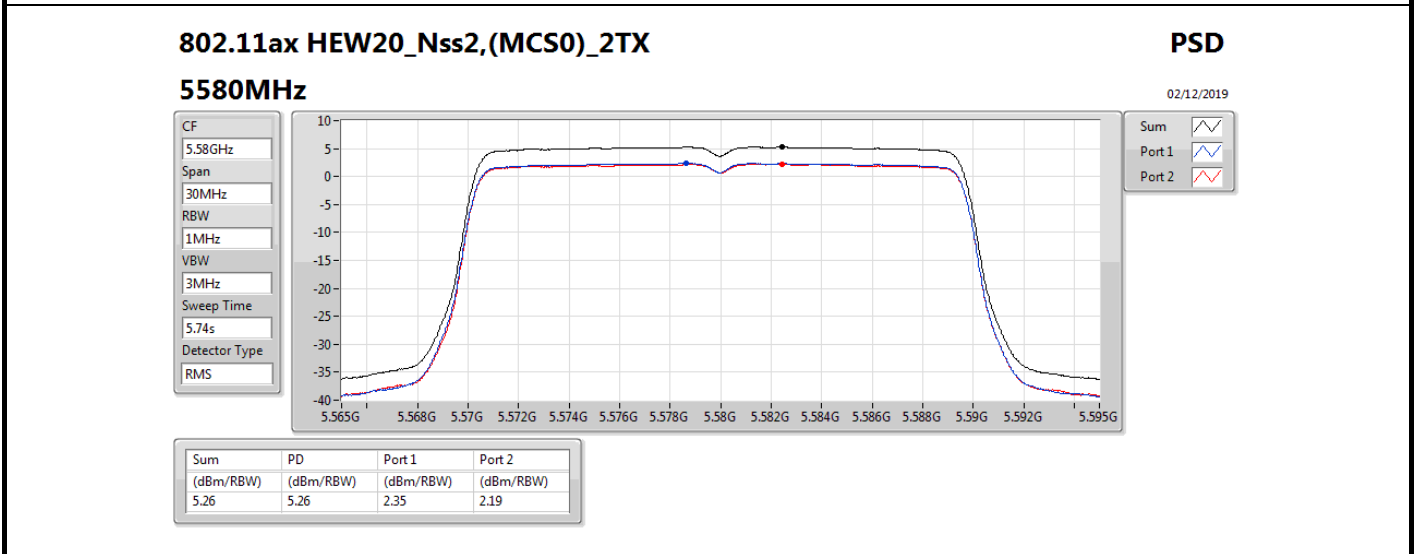
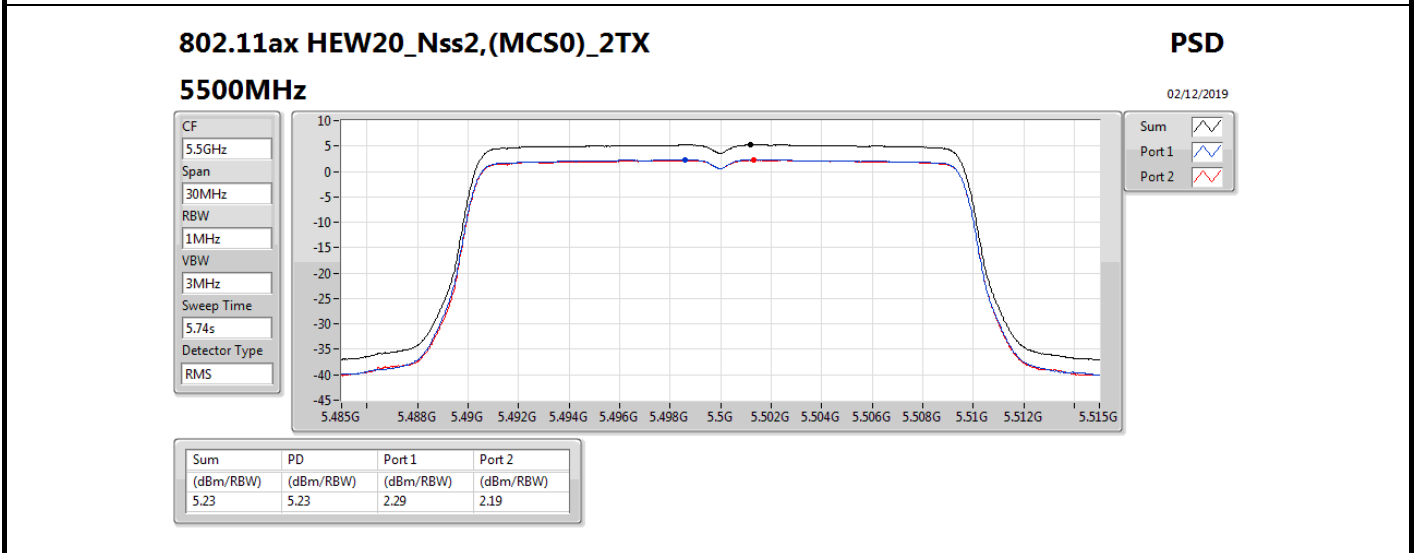
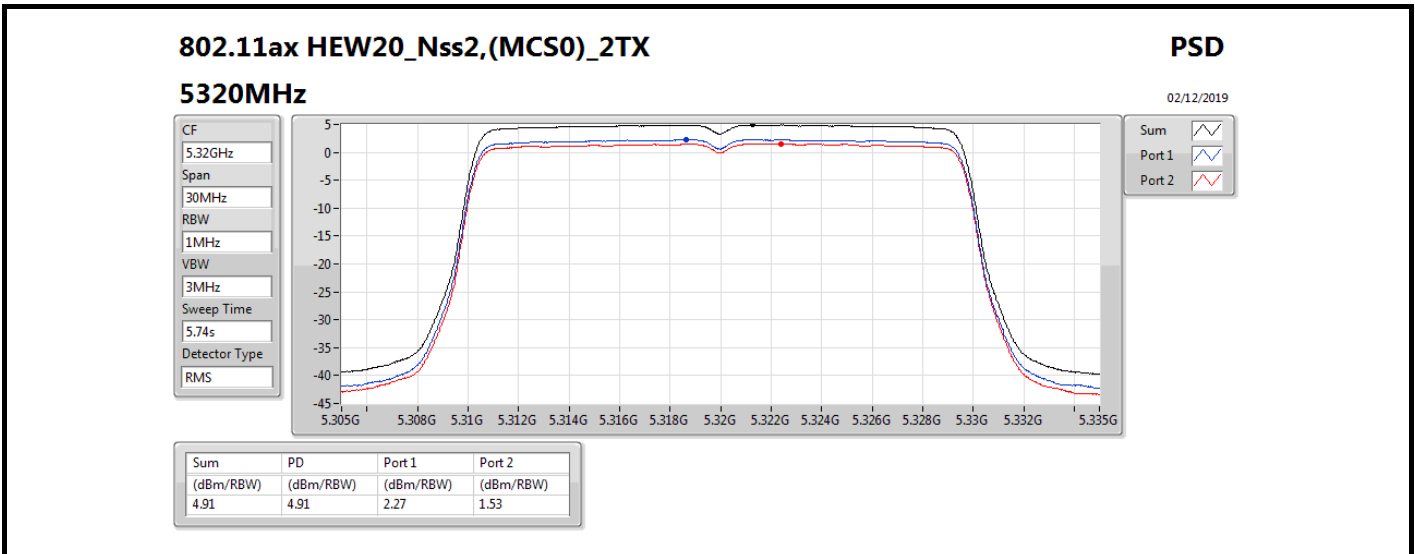
**PSD**

**5300MHz**

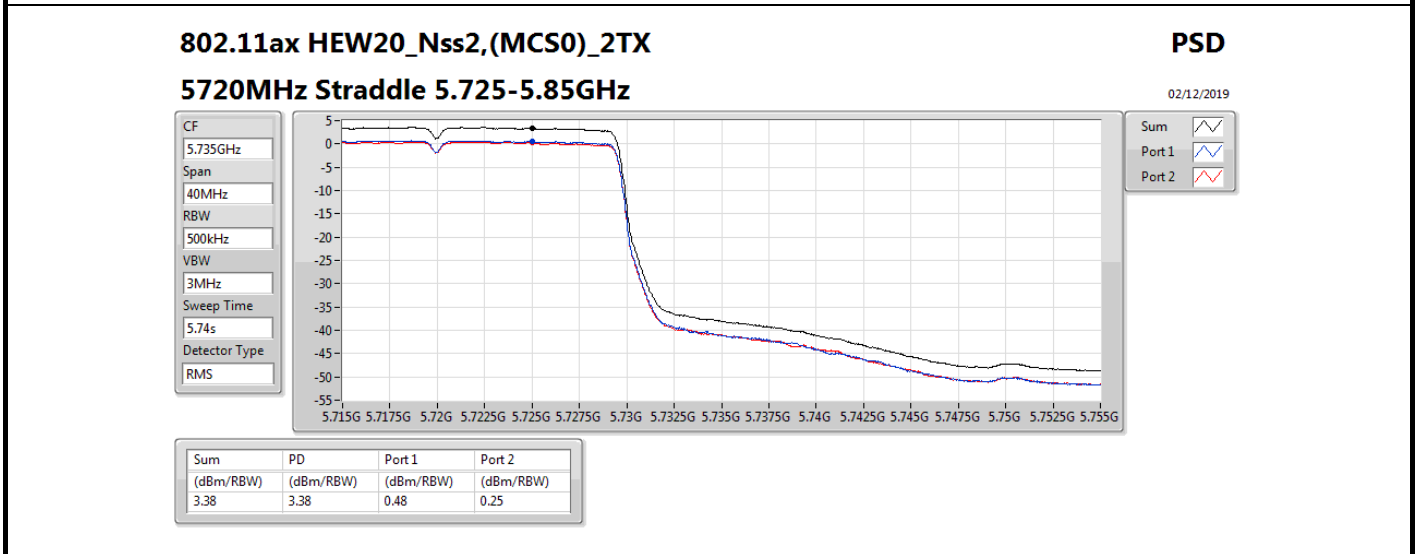
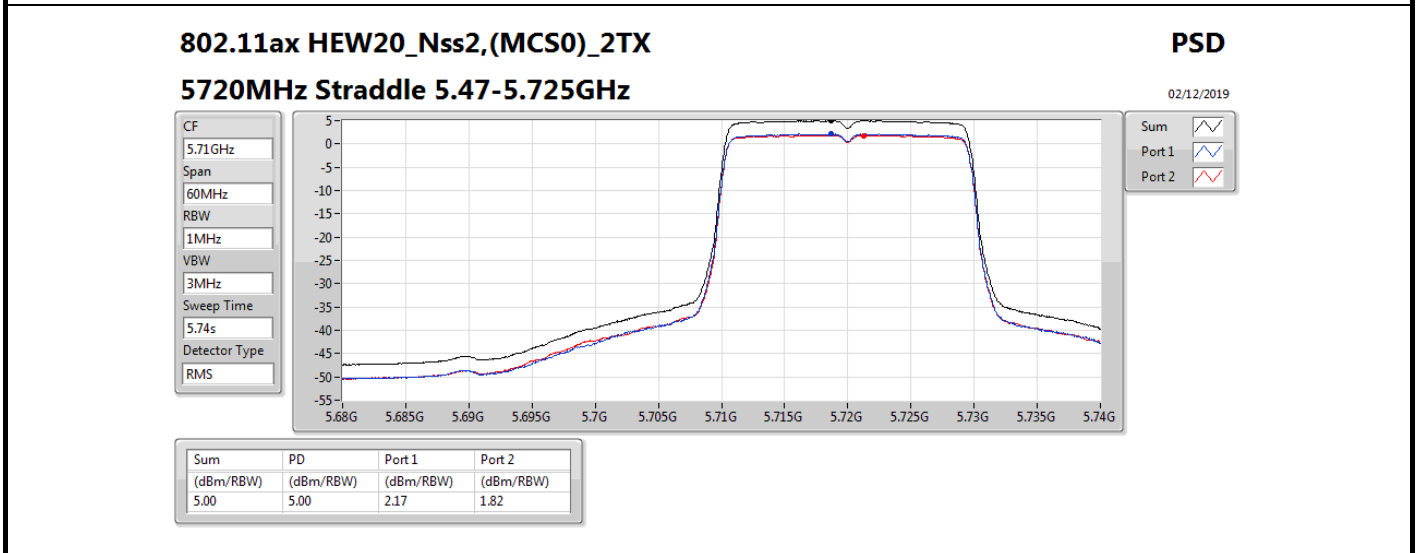
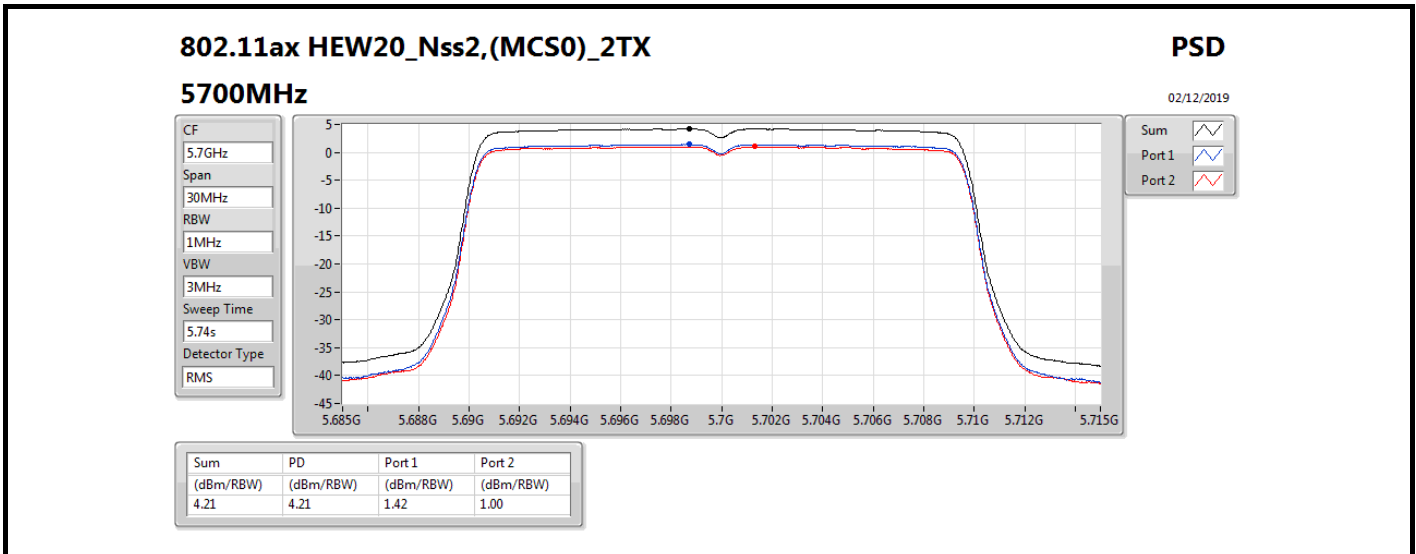
02/12/2019

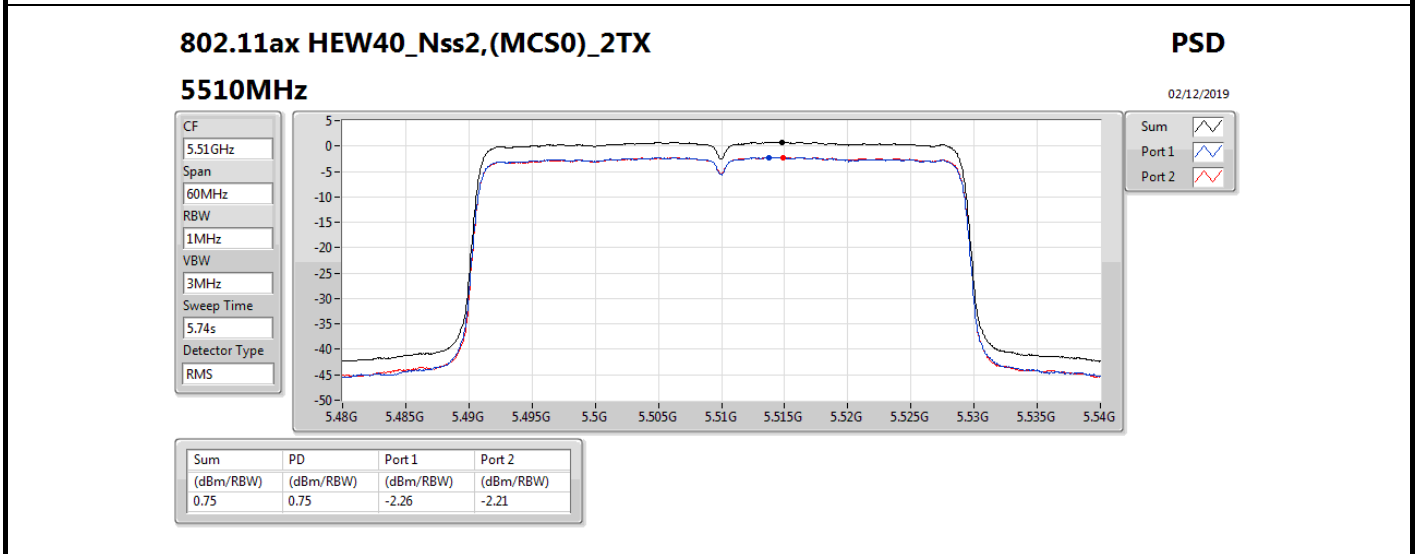
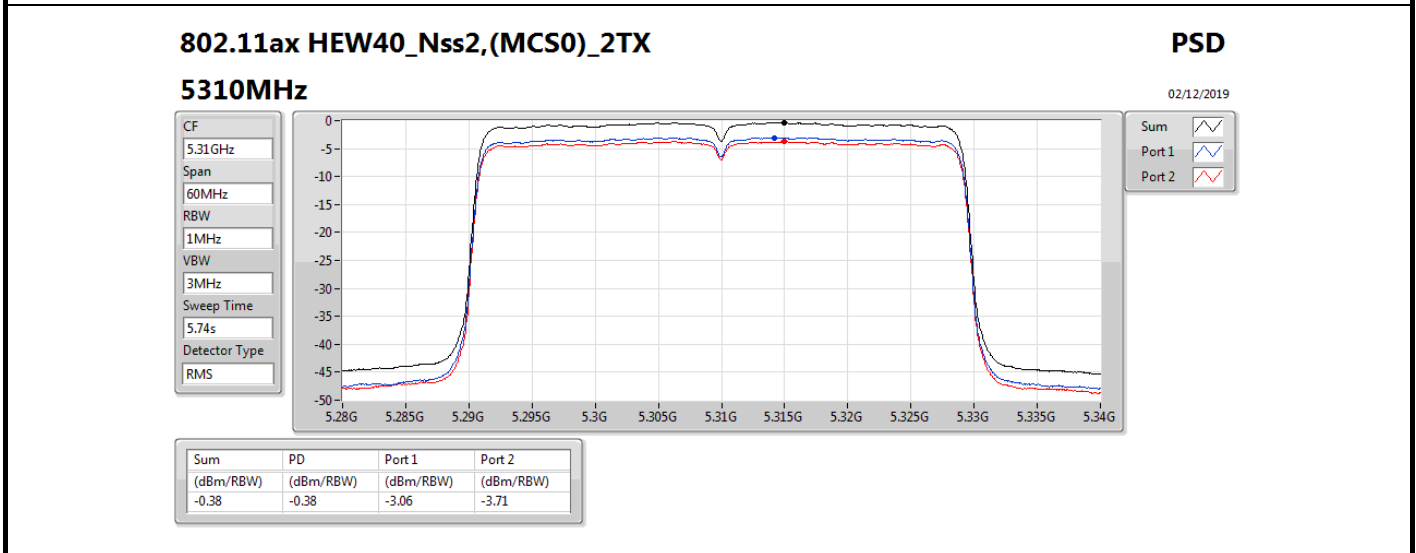
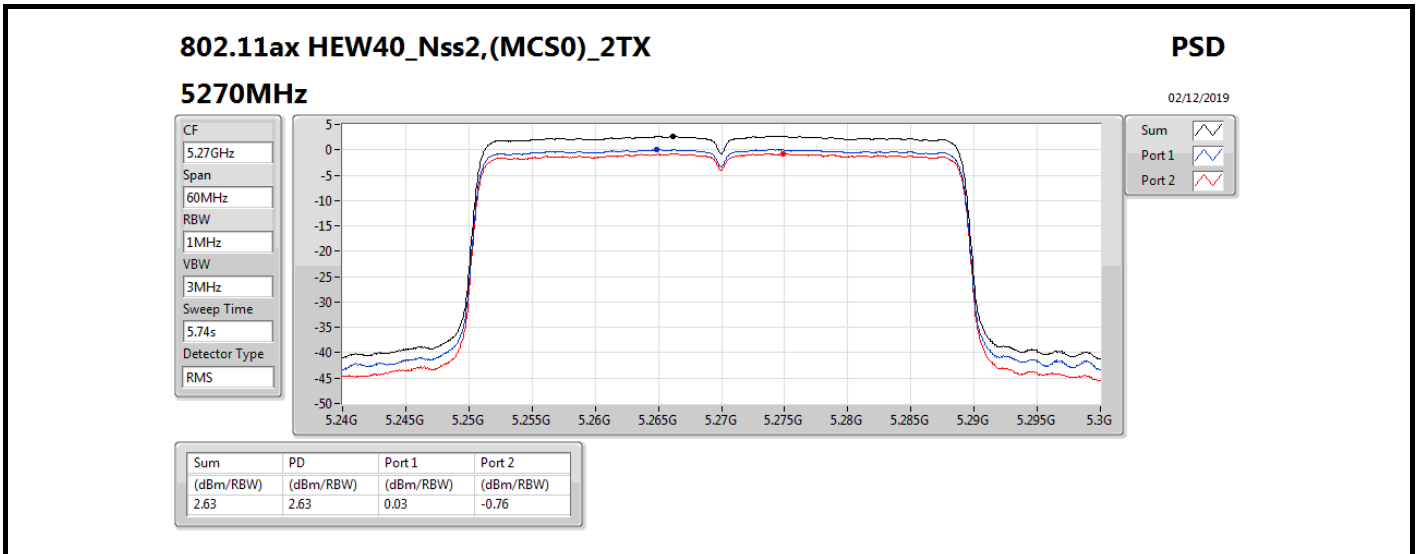


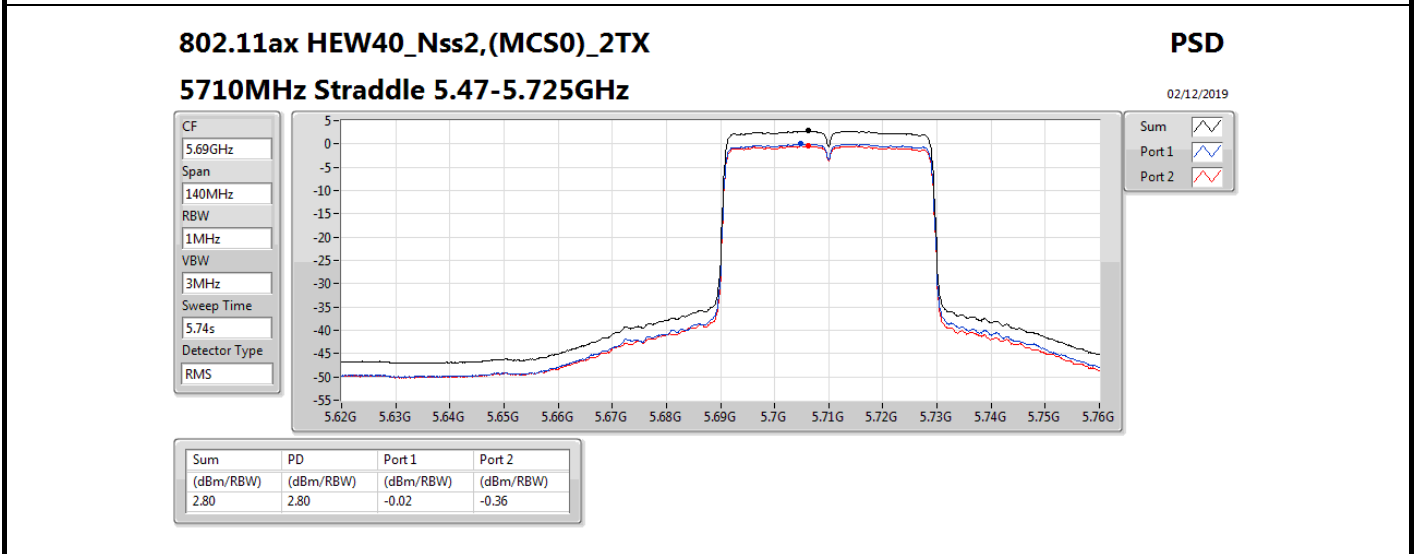
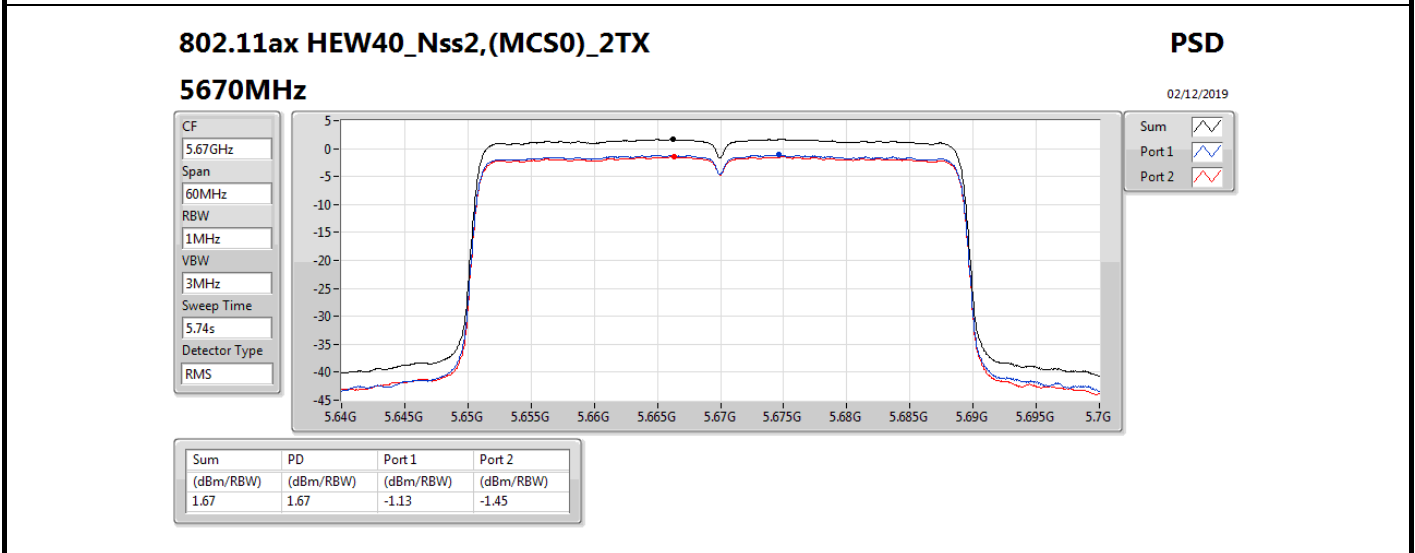
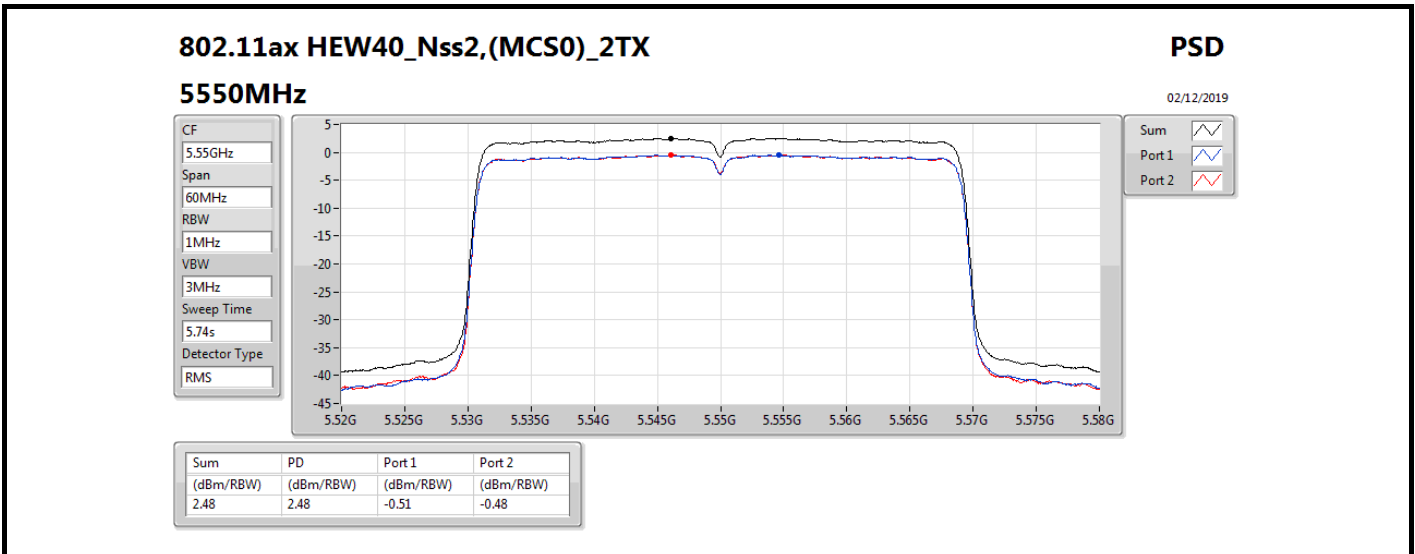
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.28	5.28	2.59	1.94

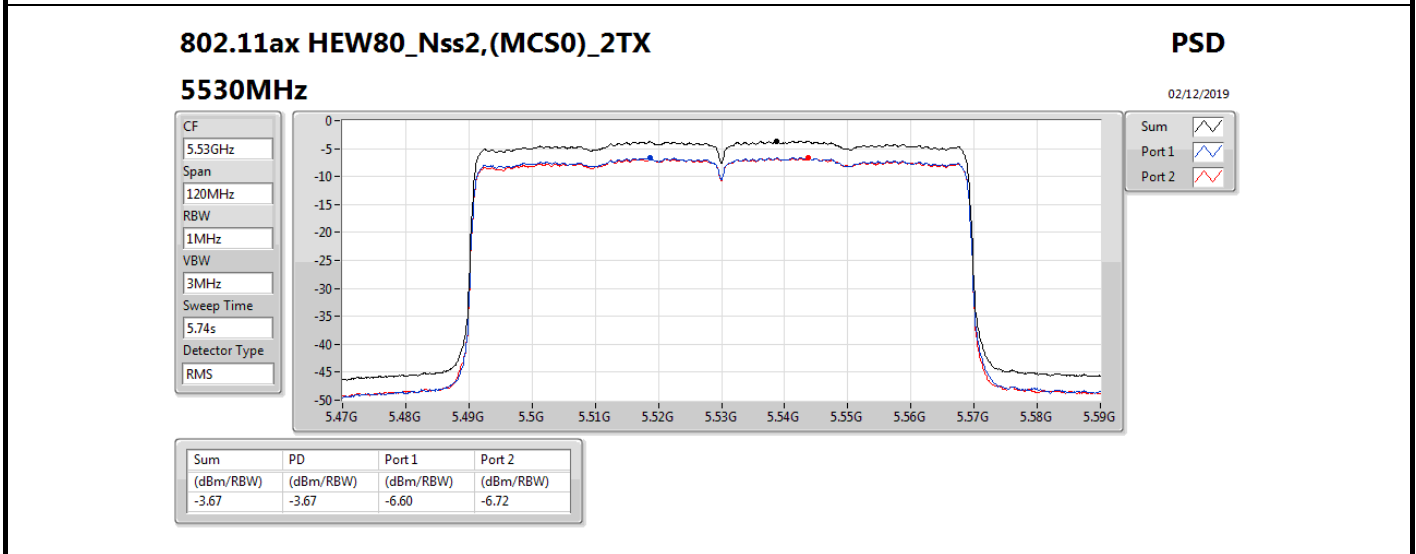
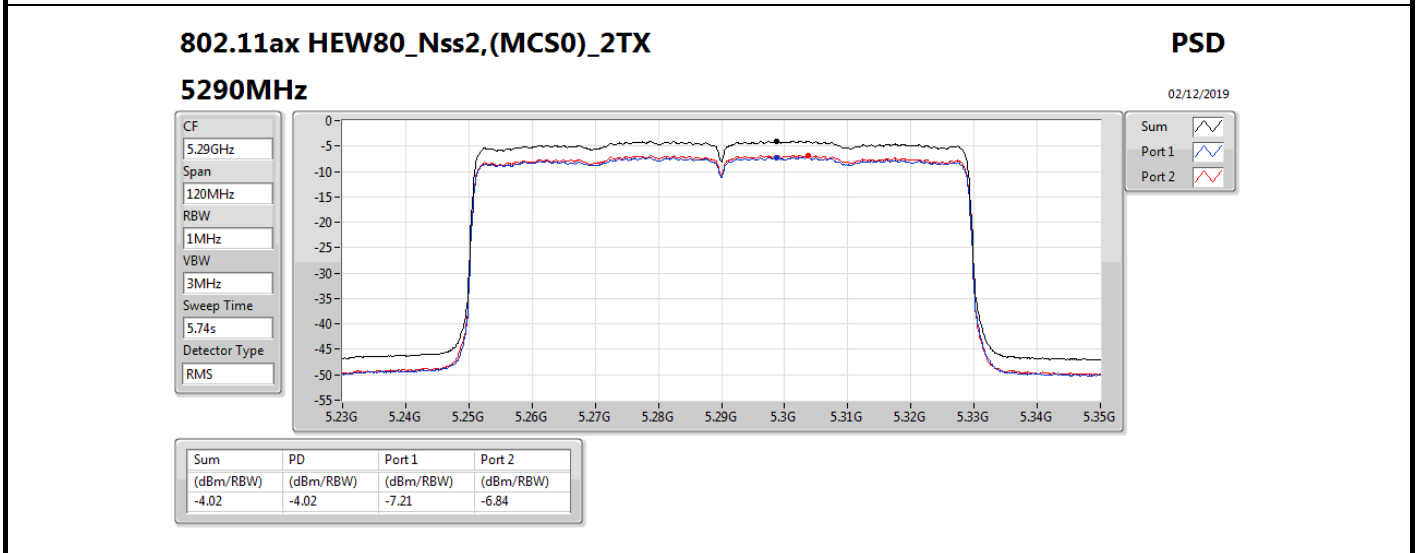
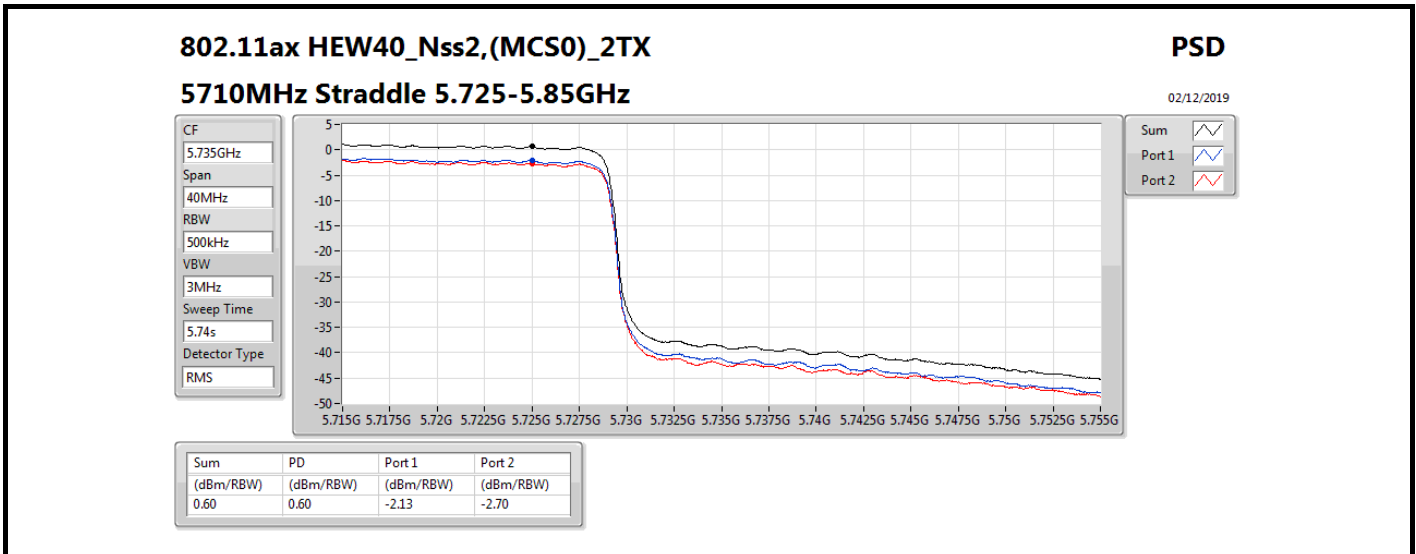


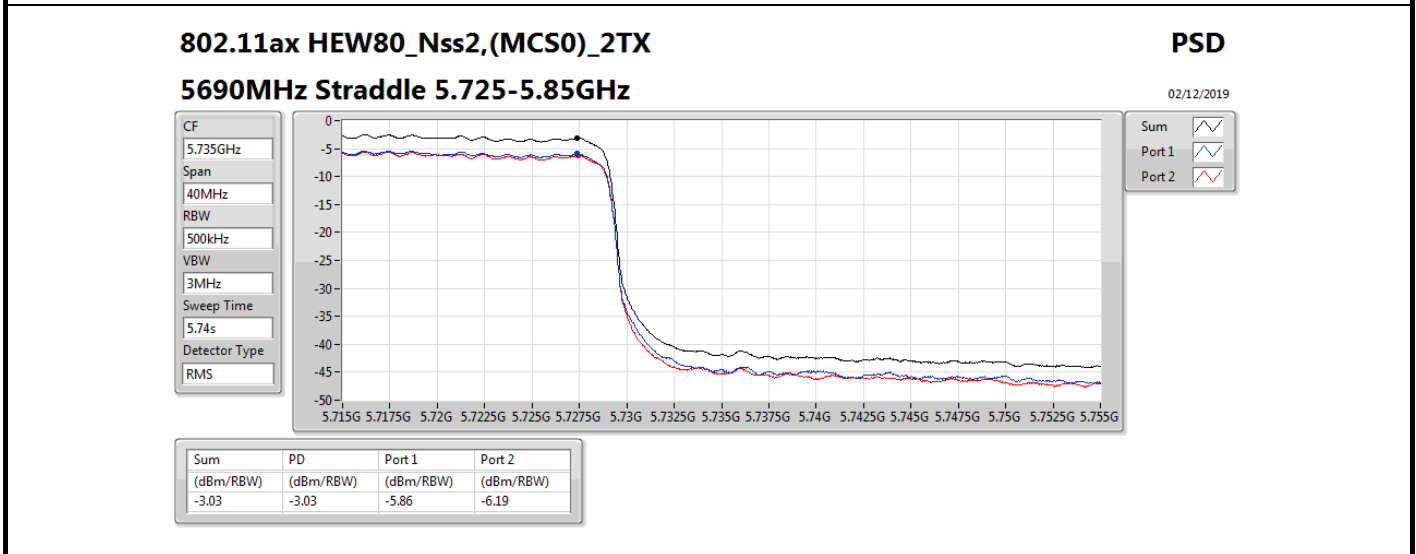
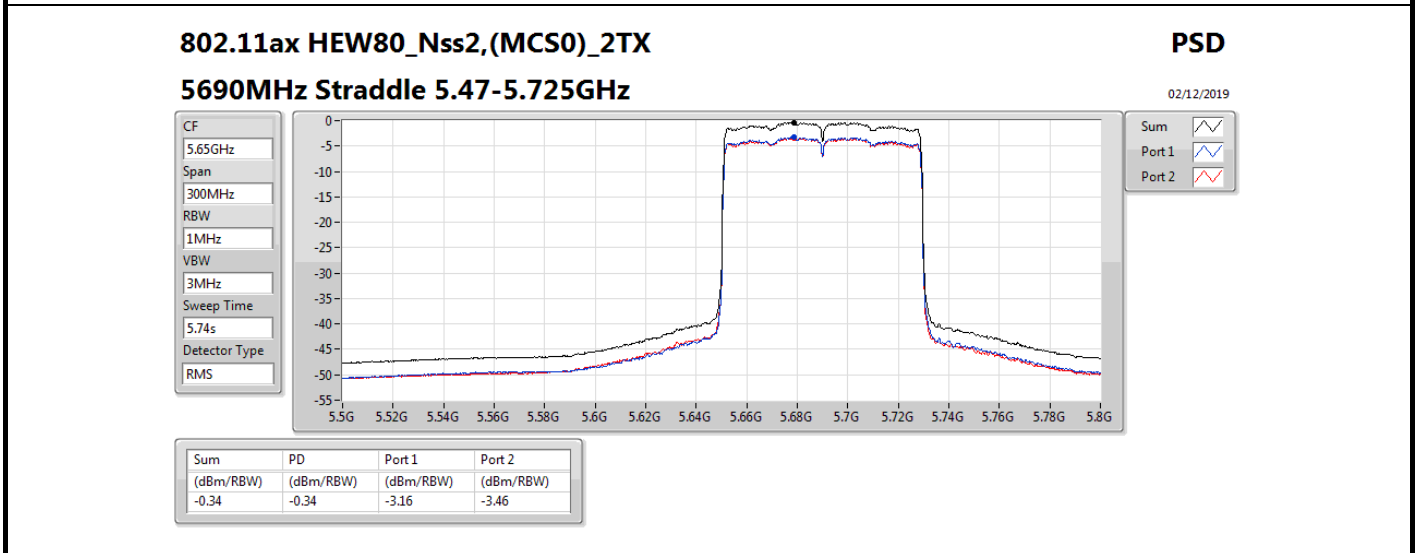
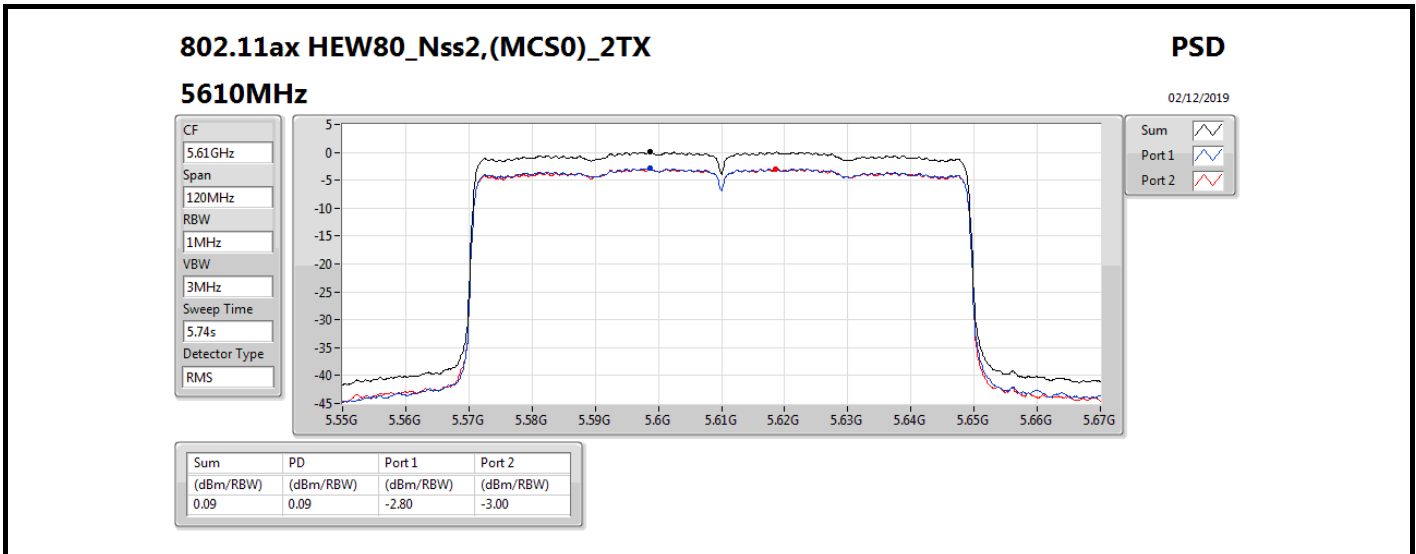














Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-3.57	8.03
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-3.71	7.89
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	5.18	16.78
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	2.2	13.80
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-0.51	11.09
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-3.51	8.09
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	5.14	16.74
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	2.59	14.19
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.15	11.45
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-3.51	8.09
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	4.92	16.52
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	2.58	14.18
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-0.44	11.16
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-3.63	7.97
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.88	16.48
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	2.55	14.15
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-0.44	11.16
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-3.88	7.72
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	2.69	14.29
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-0.31	11.29
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-4.34	7.26
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	2.61	14.21
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-0.27	11.33
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-4.16	7.44

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	11.60	-0.97	-0.28	-0.49	-0.96	5.18	5.40	16.78	17.00
5300MHz	Pass	11.60	-1.23	-0.49	-0.8	-0.88	5.13	5.40	16.73	17.00
5320MHz	Pass	11.60	-1.21	-0.37	-0.69	-0.88	5.14	5.40	16.74	17.00
5500MHz	Pass	11.60	-1.29	-0.54	-1.04	-1.19	4.62	5.40	16.22	17.00
5580MHz	Pass	11.60	-1.35	-0.54	-0.67	-1.14	4.92	5.40	16.52	17.00
5700MHz	Pass	11.60	-1.06	-1.06	-0.8	-1.06	4.83	5.40	16.43	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.60	-1.2	-1.71	-1.34	-1.38	4.46	5.40	16.06	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.60	-2.88	-3.63	-3.1	-3.13	2.69	24.40	14.29	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	11.60	-4.2	-3.24	-3.64	-3.67	2.08	5.40	13.68	17.00
5310MHz	Pass	11.60	-4.01	-3.3	-3.44	-3.82	2.20	5.40	13.80	17.00
5510MHz	Pass	11.60	-3.43	-2.74	-3.27	-3.40	2.58	5.40	14.18	17.00
5550MHz	Pass	11.60	-3.56	-3.04	-3.36	-3.55	2.40	5.40	14.00	17.00
5670MHz	Pass	11.60	-3.63	-3.41	-3.27	-3.73	2.26	5.40	13.86	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.60	-4.04	-3.83	-3.68	-4.09	1.95	5.40	13.55	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.60	-5.80	-6.58	-5.95	-6.67	-0.31	24.40	11.29	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	11.60	-6.43	-6.2	-5.93	-6.62	-0.51	5.40	11.09	17.00
5530MHz	Pass	11.60	-6.2	-5.94	-6.27	-6.65	-0.44	5.40	11.16	17.00
5610MHz	Pass	11.60	-6.52	-6.13	-6.33	-5.89	-0.63	5.40	10.97	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.60	-7.2	-6.68	-6.93	-6.14	-1.05	5.40	10.55	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.60	-9.77	-11.53	-9.59	-10.2	-4.34	24.40	7.26	36.00
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.60	-9.6	-9.72	-8.57	-9.52	-3.57	11.40	8.03	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	11.60	-8.91	-8.74	-9.16	-8.83	-3.51	5.40	8.09	17.00
5570MHz	Pass	11.60	-9.48	-8.04	-8.73	-8.42	-3.63	5.40	7.97	17.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	11.60	-1.22	-0.39	-0.78	-0.58	5.14	5.40	16.74	17.00
5300MHz	Pass	11.60	-1.23	-0.55	-0.84	-1.05	5.02	5.40	16.62	17.00
5320MHz	Pass	11.60	-1.09	-0.51	-0.81	-0.87	5.08	5.40	16.68	17.00
5500MHz	Pass	11.60	-1.15	-0.61	-1.16	-1.35	4.73	5.40	16.33	17.00
5580MHz	Pass	11.60	-1.16	-0.54	-0.9	-1.1	4.88	5.40	16.48	17.00
5700MHz	Pass	11.60	-1.26	-1.24	-1.13	-0.98	4.72	5.40	16.32	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.60	-1.65	-1.58	-1.44	-1.45	4.30	5.40	15.90	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.60	-3.04	-3.65	-3.32	-3.33	2.61	24.40	14.21	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	11.60	-3.5	-2.91	-2.79	-3.62	2.59	5.40	14.19	17.00
5310MHz	Pass	11.60	-3.88	-3.15	-3.11	-3.44	2.45	5.40	14.05	17.00
5510MHz	Pass	11.60	-3.49	-2.83	-3.19	-3.43	2.55	5.40	14.15	17.00
5550MHz	Pass	11.60	-3.56	-2.97	-3.32	-3.47	2.40	5.40	14.00	17.00
5670MHz	Pass	11.60	-3.6	-3.43	-3.41	-3.97	2.13	5.40	13.73	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	11.60	-3.65	-3.67	-3.77	-3.98	1.96	5.40	13.56	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	11.60	-5.69	-6.82	-5.89	-6.6	-0.27	24.40	11.33	36.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	11.60	-6.1	-5.73	-6.14	-5.72	-0.15	5.40	11.45	17.00
5530MHz	Pass	11.60	-6.18	-5.78	-6.11	-6.33	-0.44	5.40	11.16	17.00
5610MHz	Pass	11.60	-6.49	-5.88	-6.14	-5.93	-0.58	5.40	11.02	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	11.60	-7.01	-6.5	-6.56	-6.15	-0.90	5.40	10.70	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	11.60	-9.52	-11.26	-9.41	-9.94	-4.16	24.40	7.44	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	11.60	-9.28	-9.34	-9.07	-9.95	-3.71	11.40	7.89	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	11.60	-9.68	-8.51	-9.28	-8.99	-3.51	5.40	8.09	17.00
5570MHz	Pass	11.60	-10.31	-9.14	-8.83	-9.46	-3.88	5.40	7.72	17.00

DG = Directional Gain; RBW = 500 kHz 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;



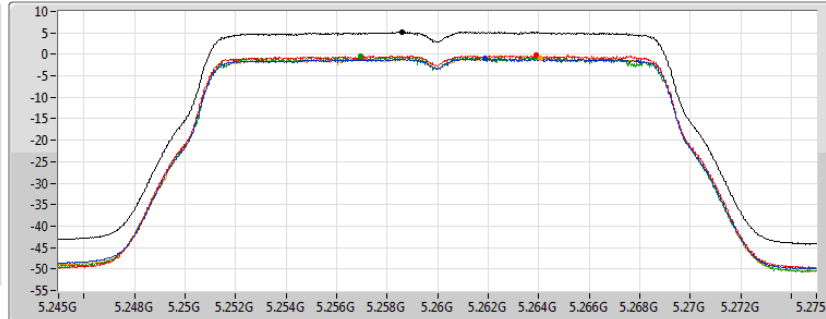
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

PSD

5260MHz

03/12/2019

CF  
5.26GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.18	5.18	-0.97	-0.28	-0.49	-0.96

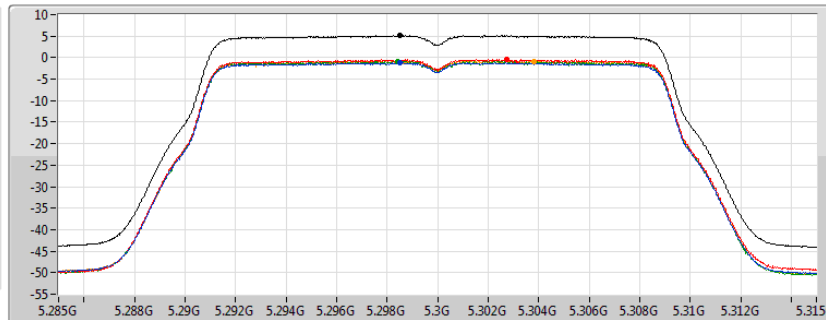
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

PSD

5300MHz

03/12/2019

CF  
5.3GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.13	5.13	-1.23	-0.49	-0.80	-0.88

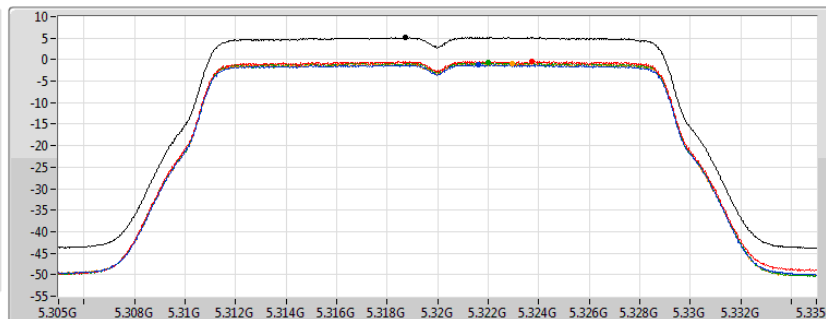
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

PSD

5320MHz

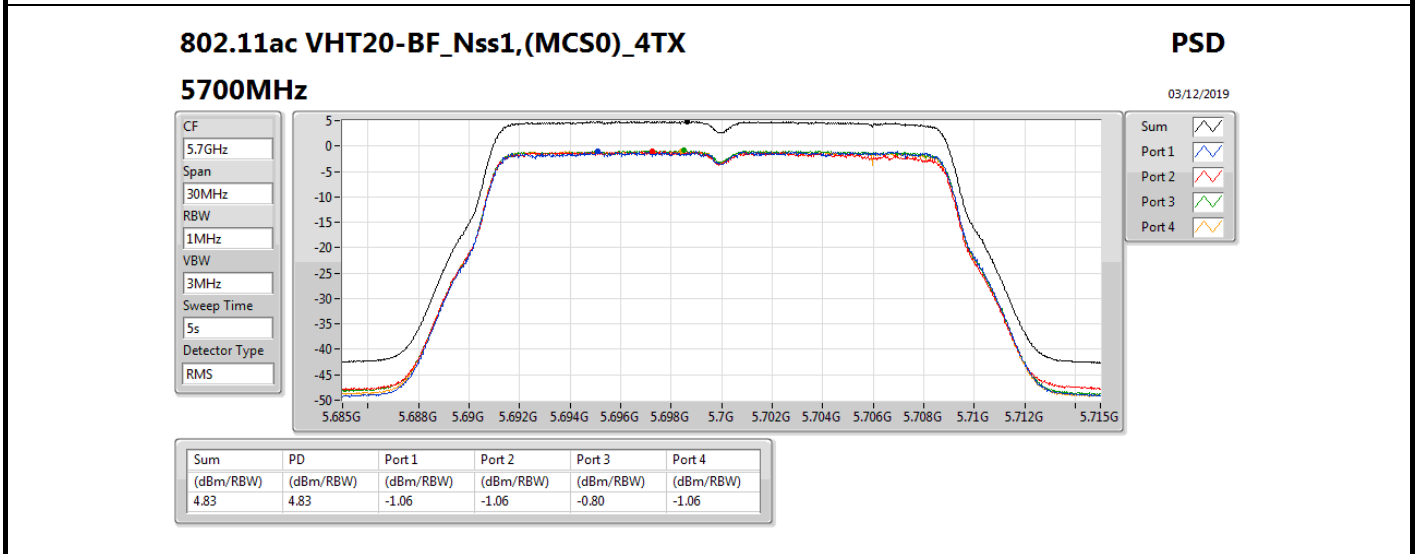
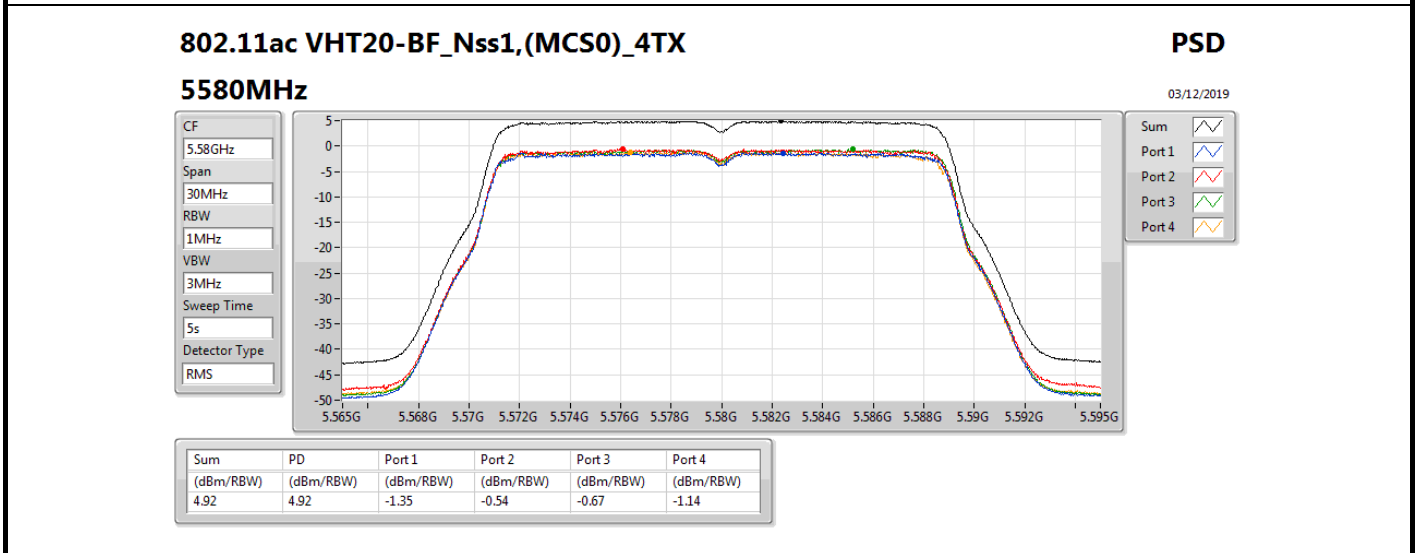
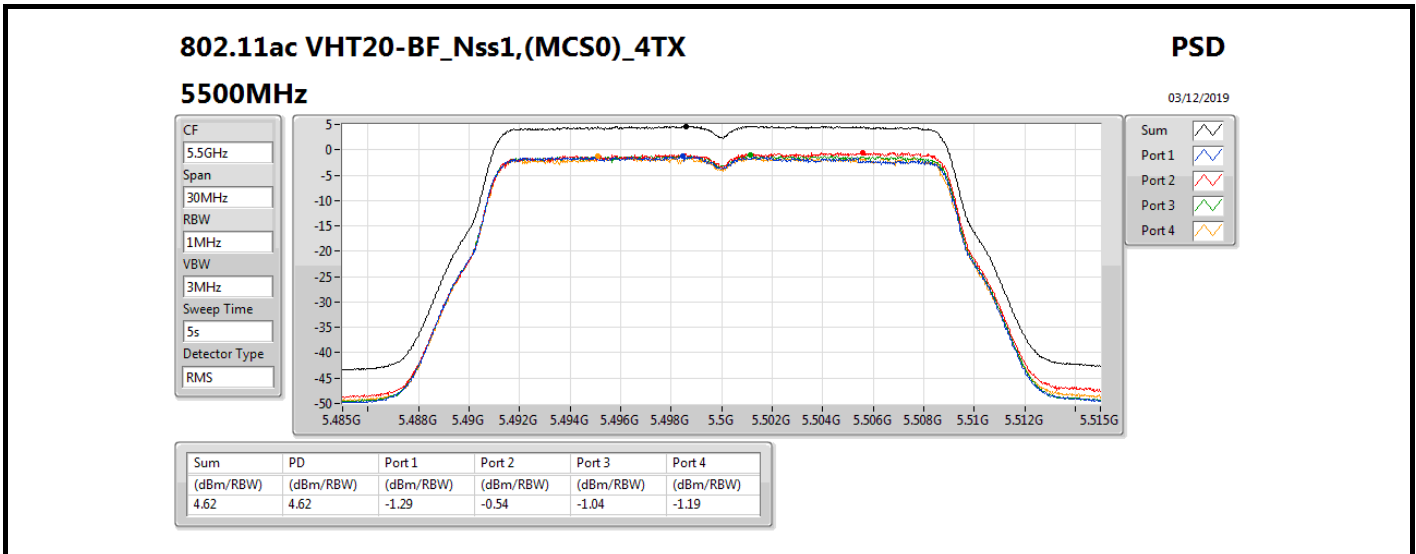
03/12/2019

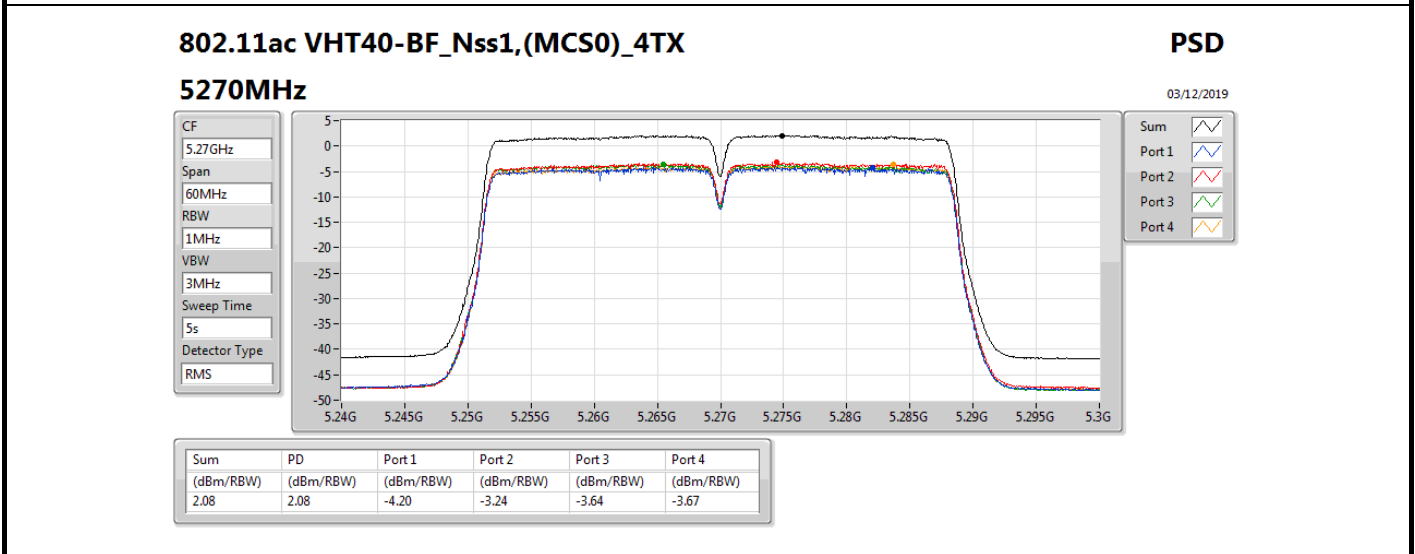
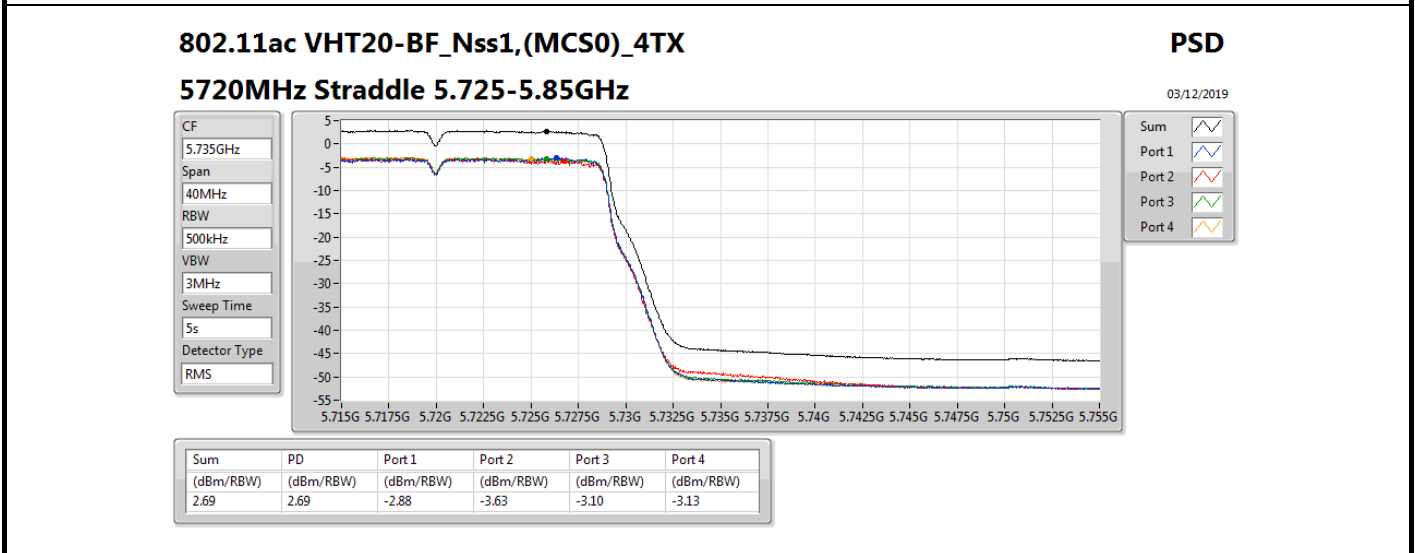
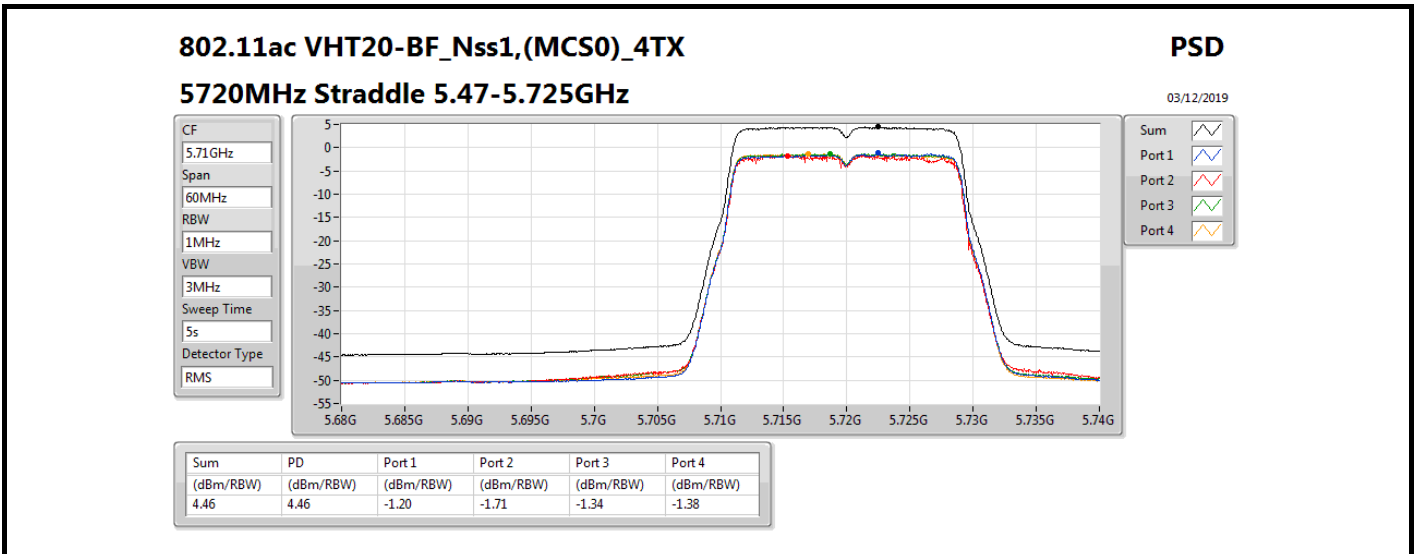
CF  
5.32GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.14	5.14	-1.21	-0.37	-0.69	-0.88





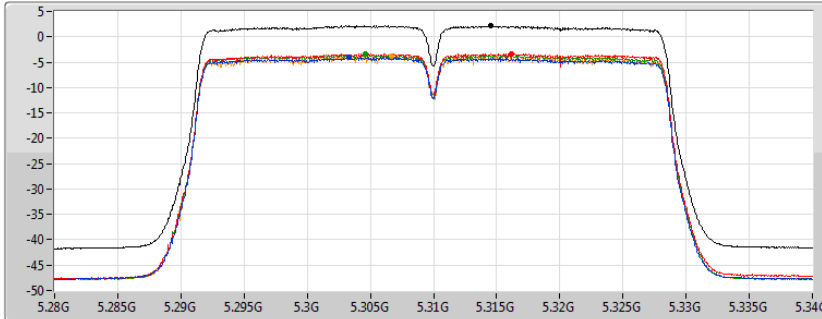
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

PSD

5310MHz

03/12/2019

CF  
5.31GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.20	2.20	-4.01	-3.30	-3.44	-3.82

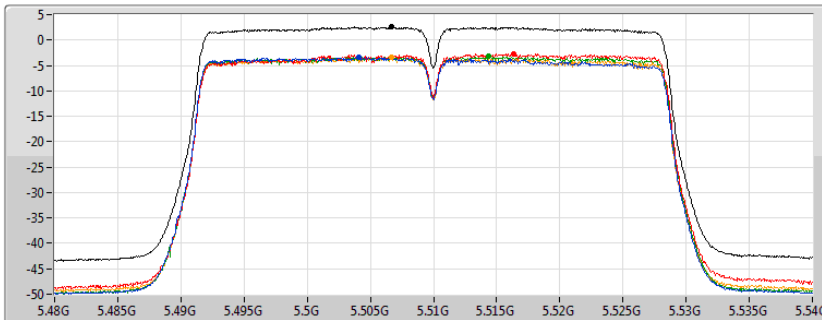
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

PSD

5510MHz

03/12/2019

CF  
5.51GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.58	2.58	-3.43	-2.74	-3.27	-3.40

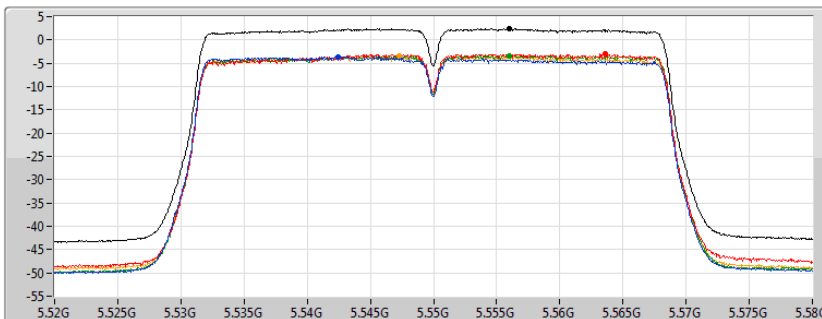
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

PSD

5550MHz

03/12/2019

CF  
5.55GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

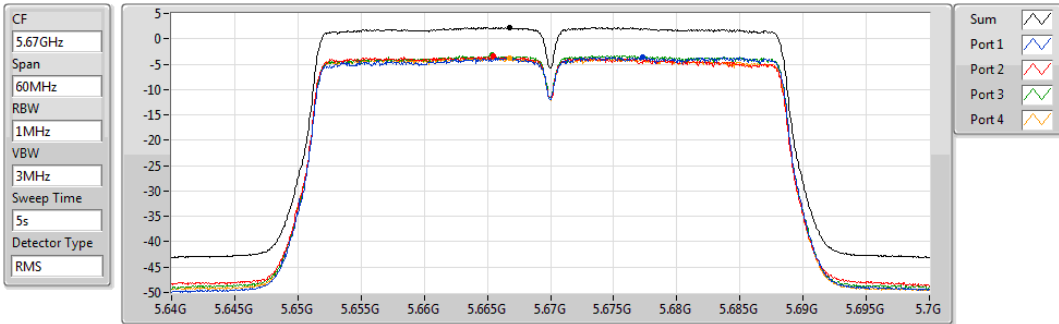
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.40	2.40	-3.56	-3.04	-3.36	-3.55

802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

PSD

5670MHz

03/12/2019



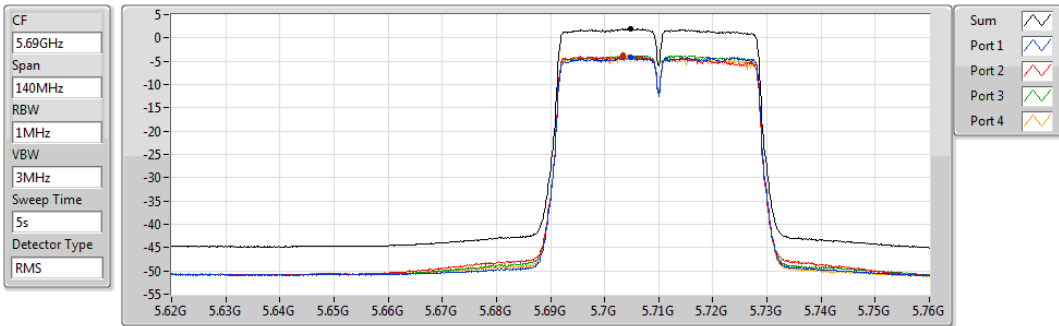
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.26	2.26	-3.63	-3.41	-3.27	-3.73

802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

03/12/2019



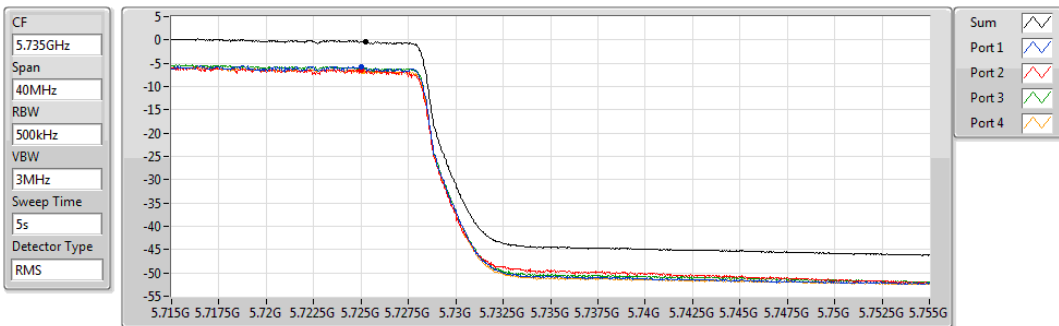
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.95	1.95	-4.04	-3.83	-3.68	-4.09

802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

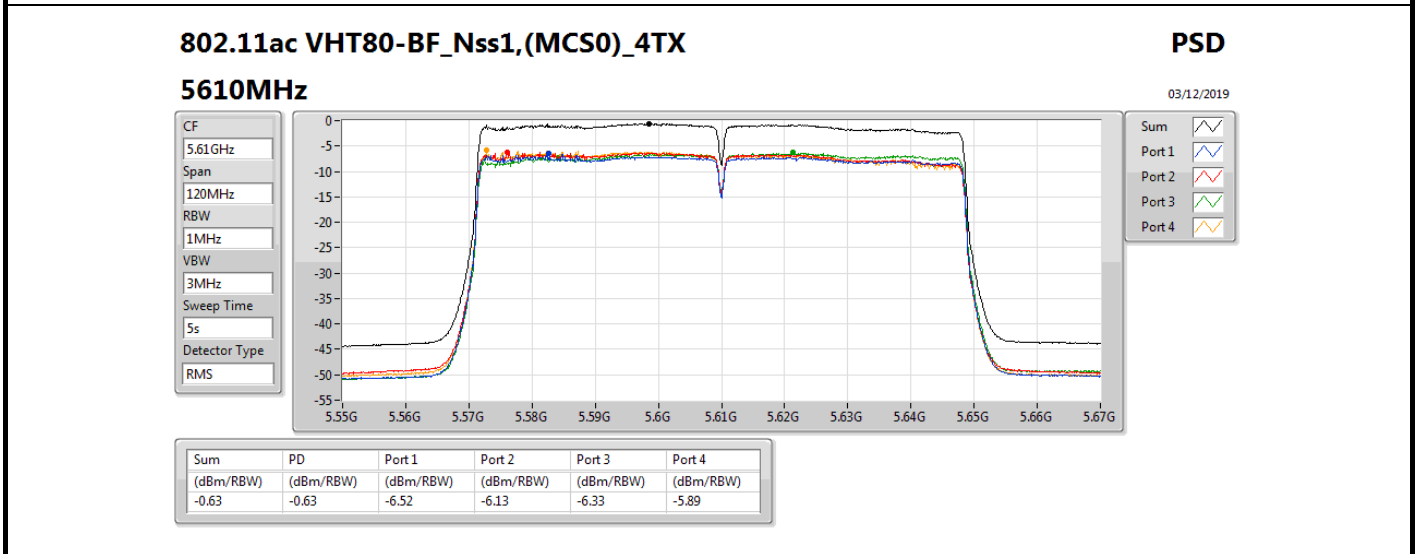
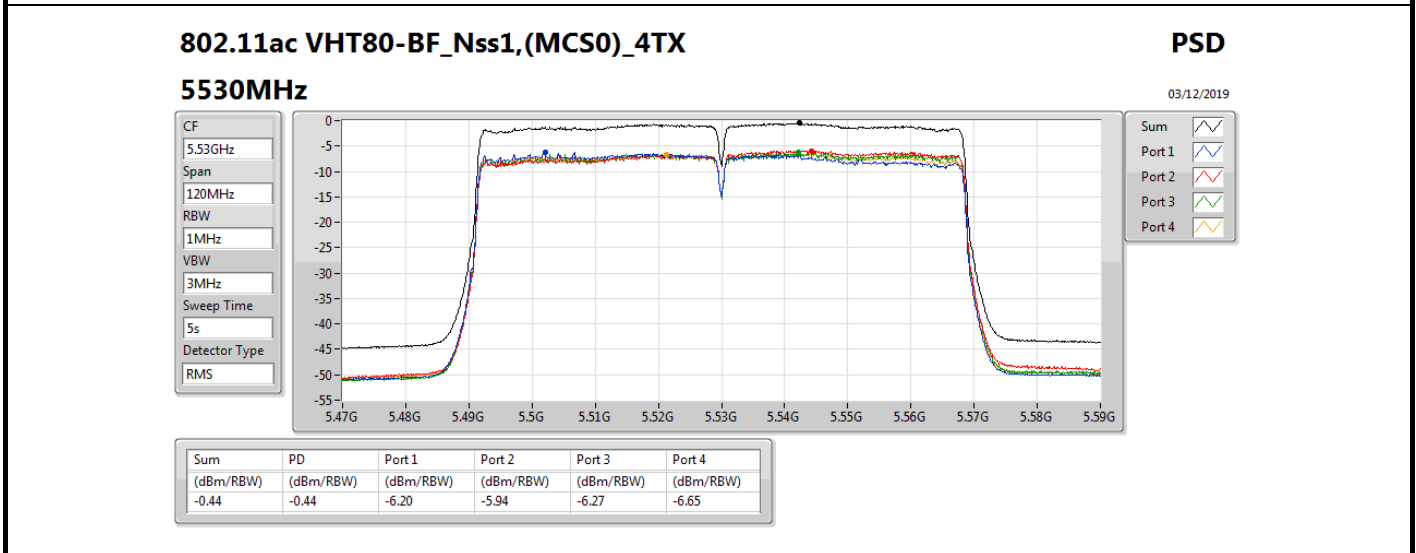
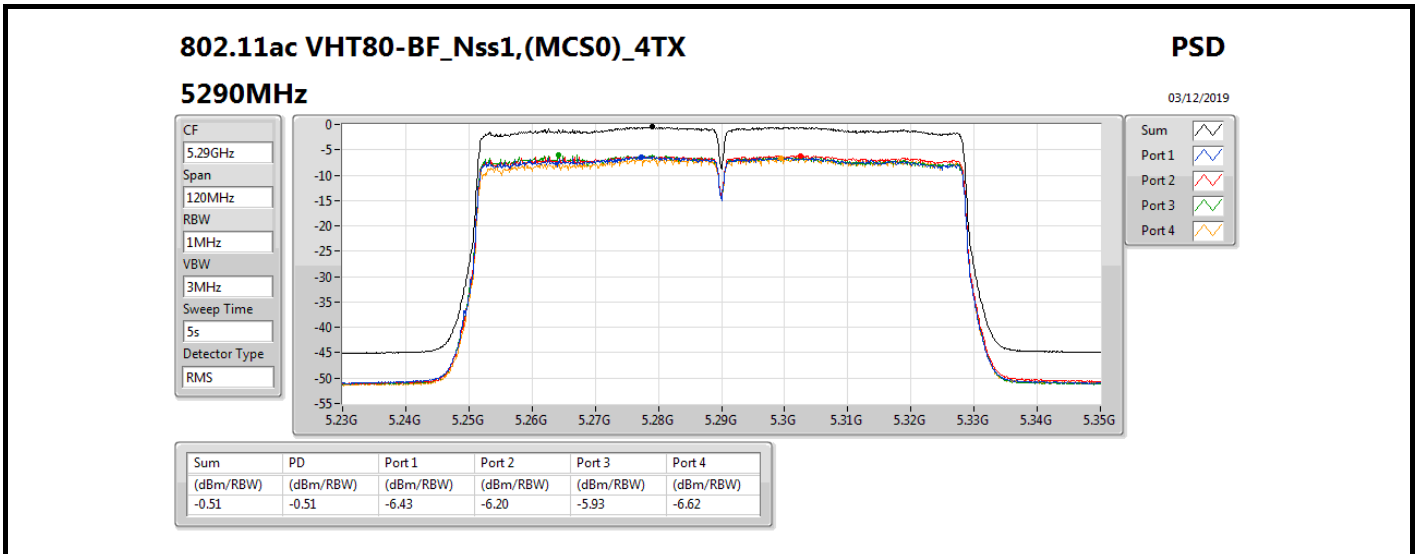
PSD

5710MHz Straddle 5.725-5.85GHz

03/12/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.31	-0.31	-5.80	-6.58	-5.95	-6.67

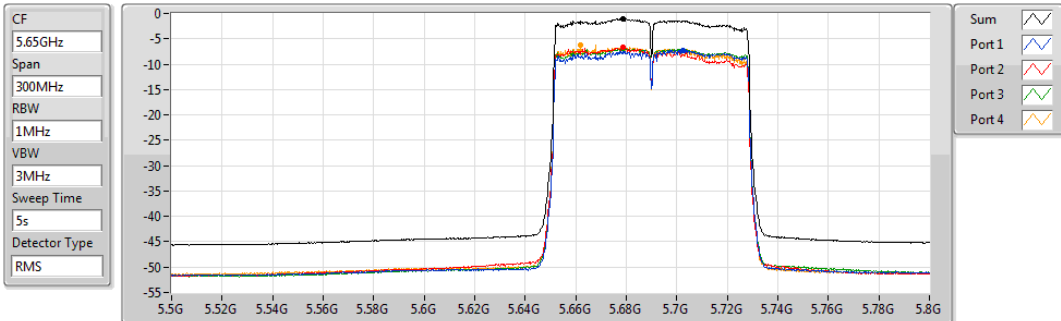


802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

5690MHz Straddle 5.47-5.725GHz

PSD

03/12/2019



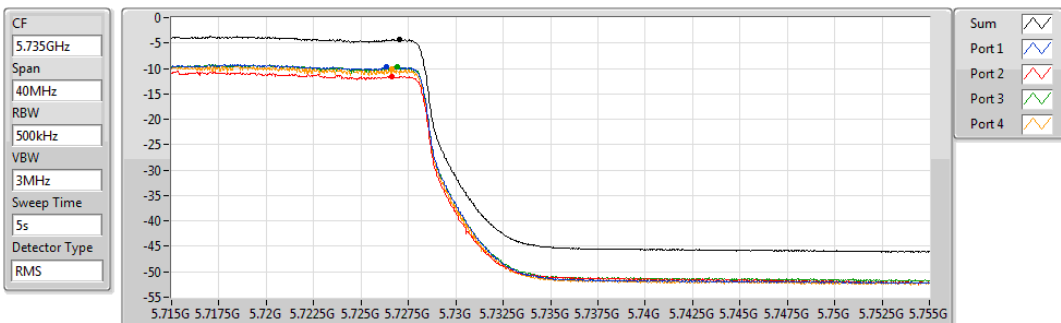
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.05	-1.05	-7.20	-6.68	-6.93	-6.14

802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

5690MHz Straddle 5.725-5.85GHz

PSD

03/12/2019



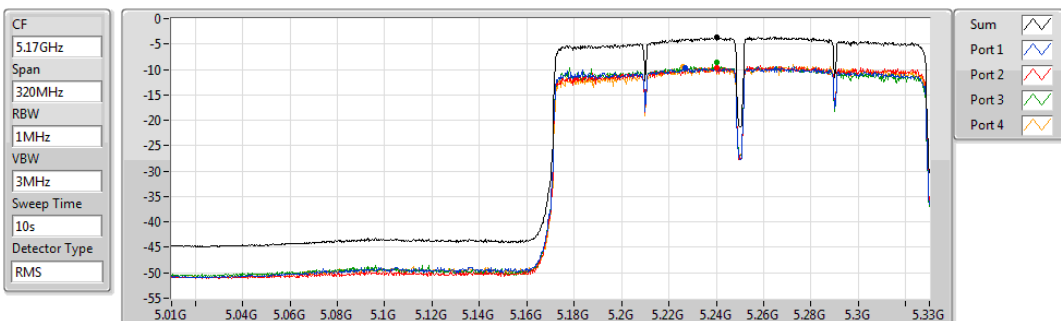
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.34	-4.34	-9.77	-11.53	-9.59	-10.20

802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

5250MHz Straddle 5.15-5.25GHz

PSD

02/12/2019



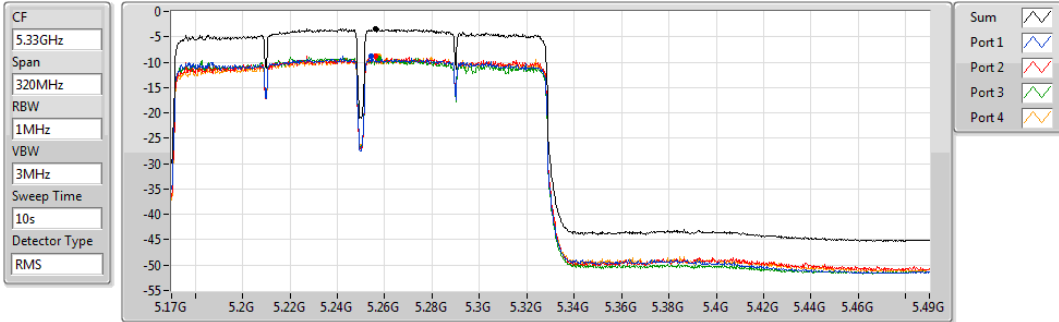
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.57	-3.57	-9.60	-9.72	-8.57	-9.52

802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

02/12/2019



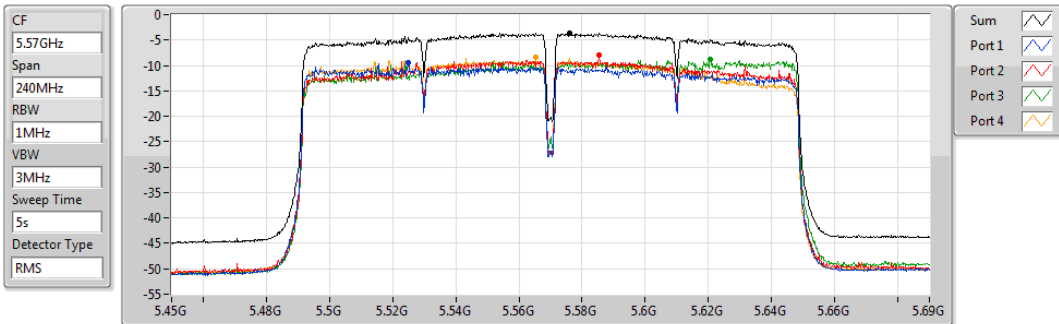
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.51	-3.51	-8.91	-8.74	-9.16	-8.83

802.11ac VHT160-BF\_Nss1,(MCS0)\_4TX

PSD

5570MHz

03/12/2019



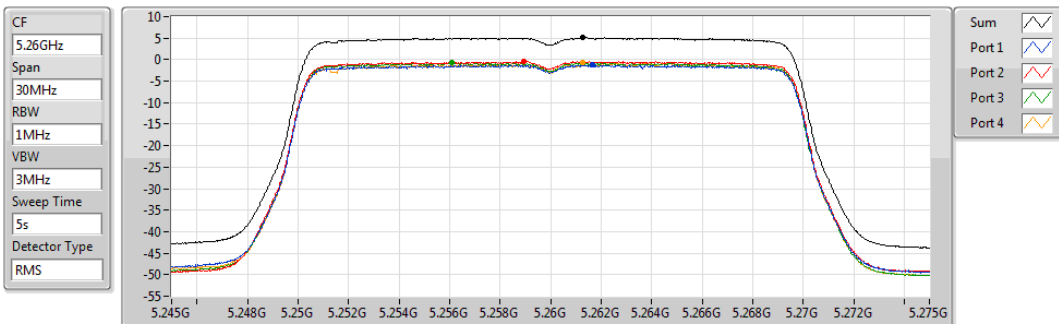
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.63	-3.63	-9.48	-8.04	-8.73	-8.42

802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

PSD

5260MHz

02/12/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.14	5.14	-1.22	-0.39	-0.78	-0.58



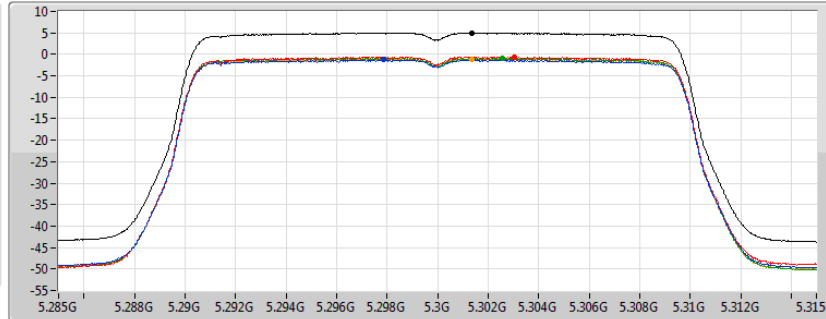
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

PSD

5300MHz

02/12/2019

CF  
5.3GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.02	5.02	-1.23	-0.55	-0.84	-1.05

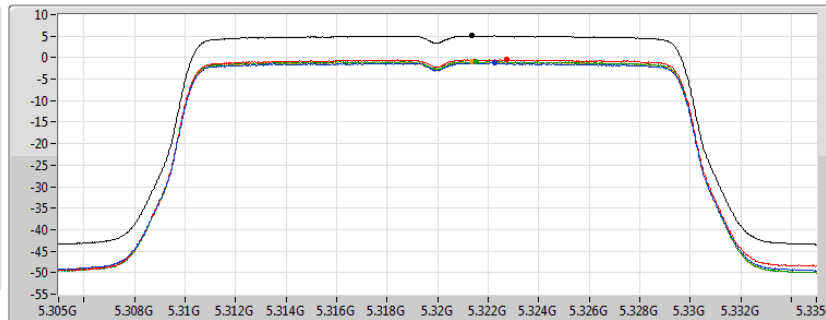
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

PSD

5320MHz

02/12/2019

CF  
5.32GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.08	5.08	-1.09	-0.51	-0.81	-0.87

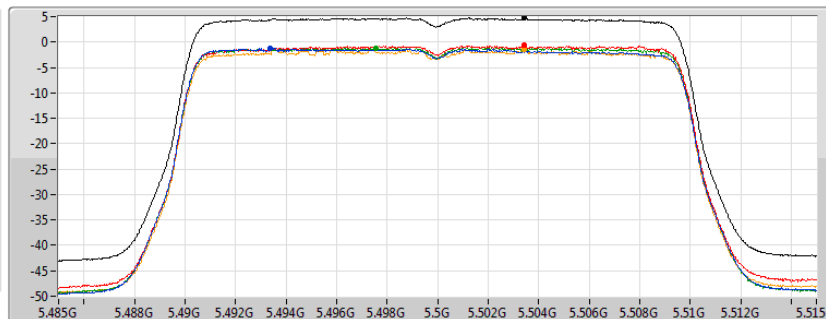
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

PSD

5500MHz

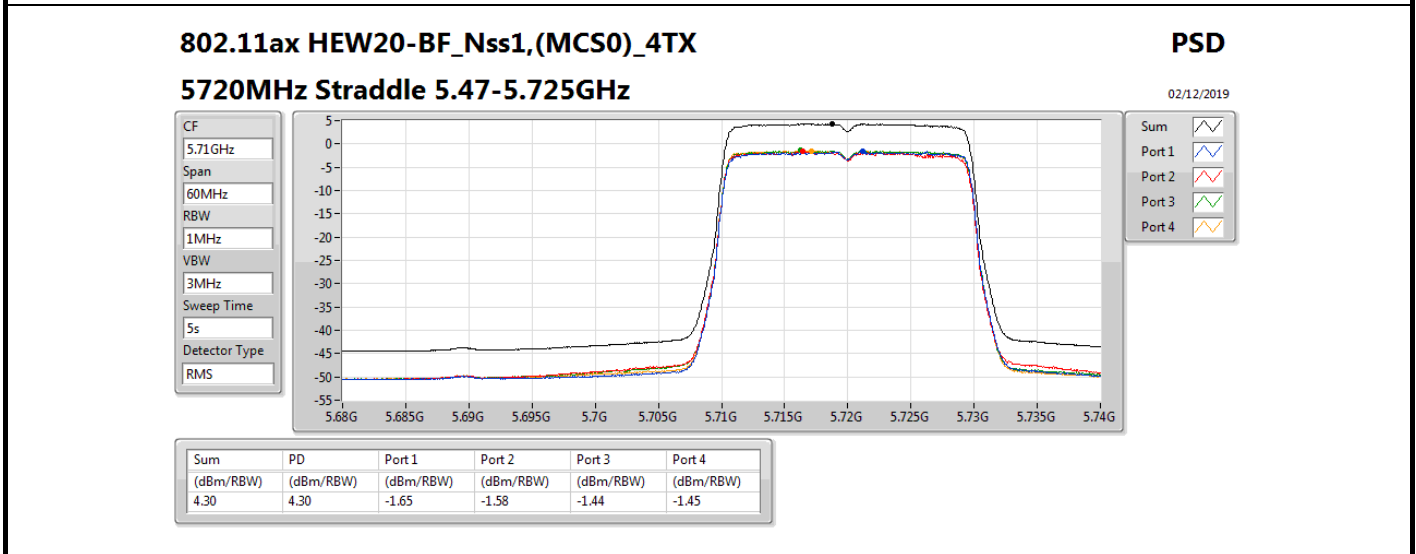
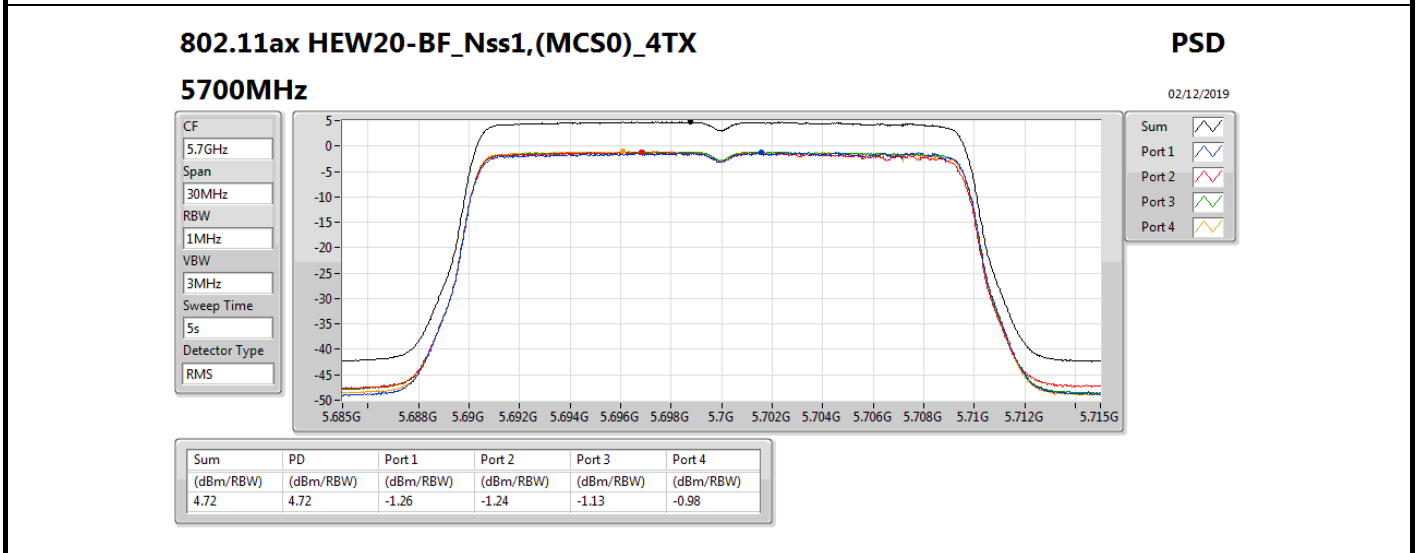
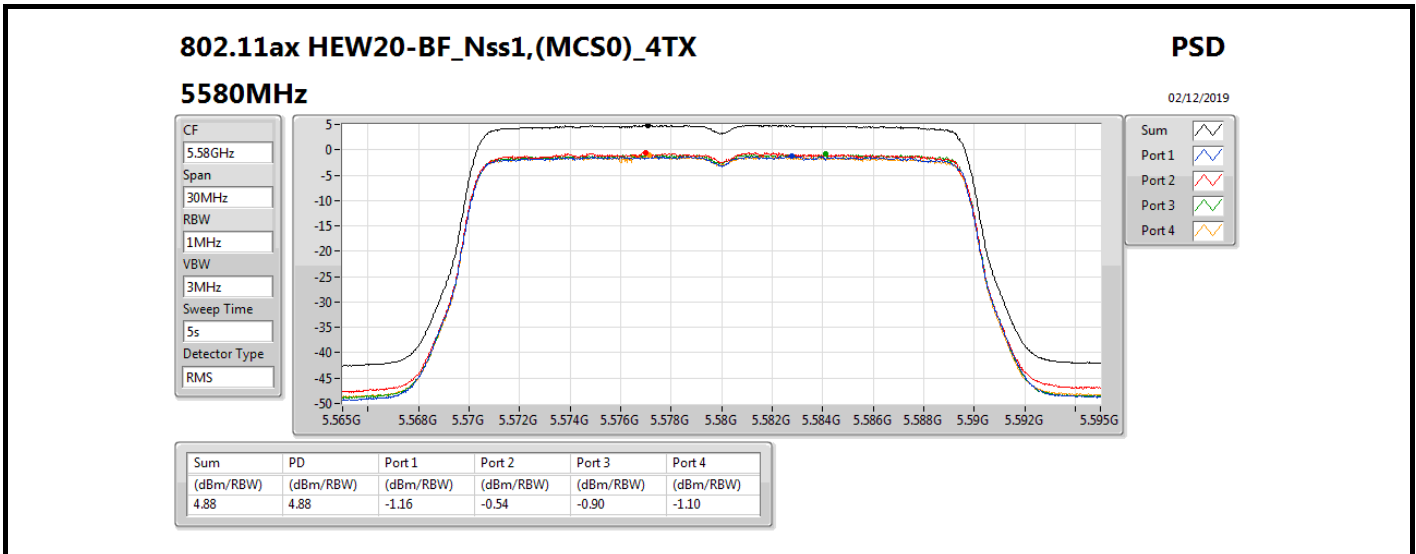
02/12/2019

CF  
5.5GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.73	4.73	-1.15	-0.61	-1.16	-1.35

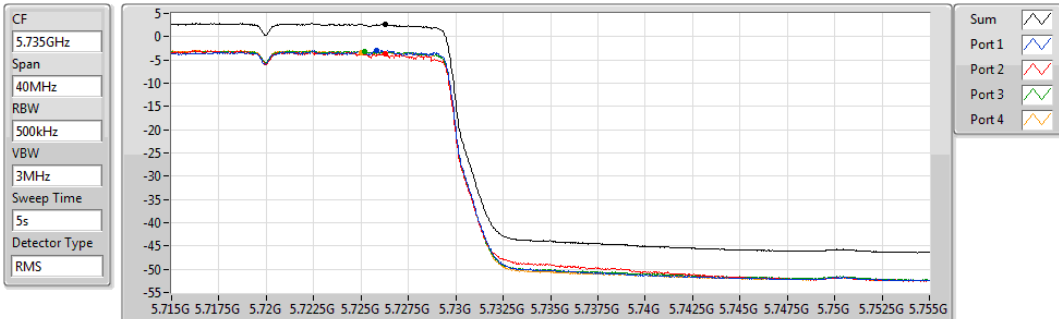


802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

02/12/2019



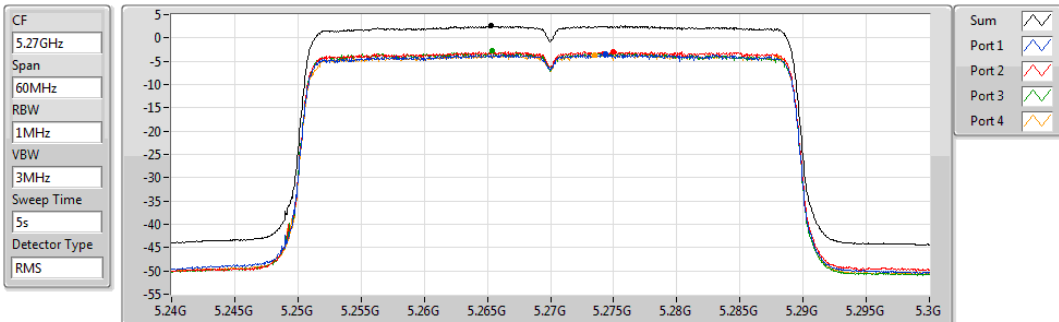
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.61	2.61	-3.04	-3.65	-3.32	-3.33

802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

PSD

5270MHz

02/12/2019



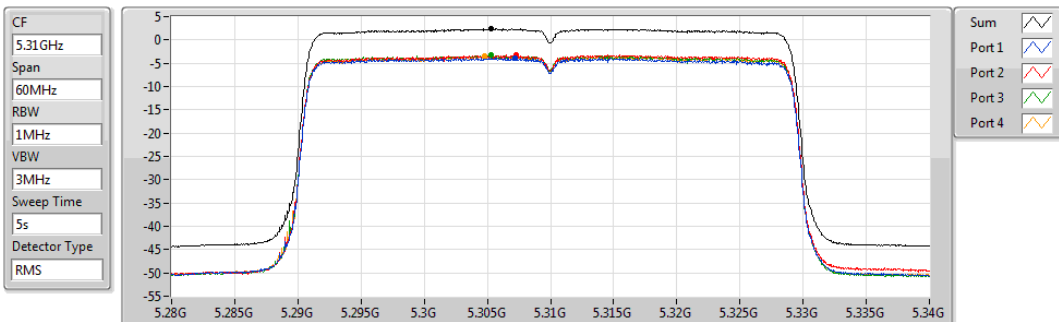
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.59	2.59	-3.50	-2.91	-2.79	-3.62

802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

PSD

5310MHz

03/12/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.45	2.45	-3.88	-3.15	-3.11	-3.44

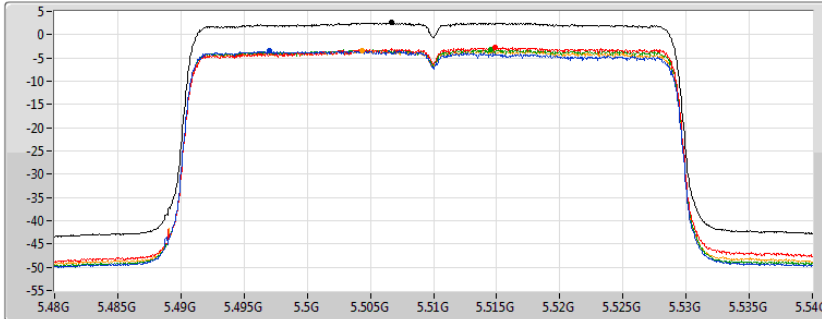
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

PSD

5510MHz

03/12/2019

CF  
5.51GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.55	2.55	-3.49	-2.83	-3.19	-3.43

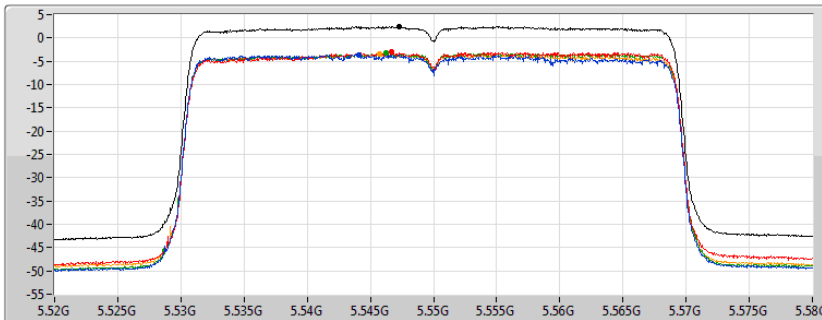
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

PSD

5550MHz

03/12/2019

CF  
5.55GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.40	2.40	-3.56	-2.97	-3.32	-3.47

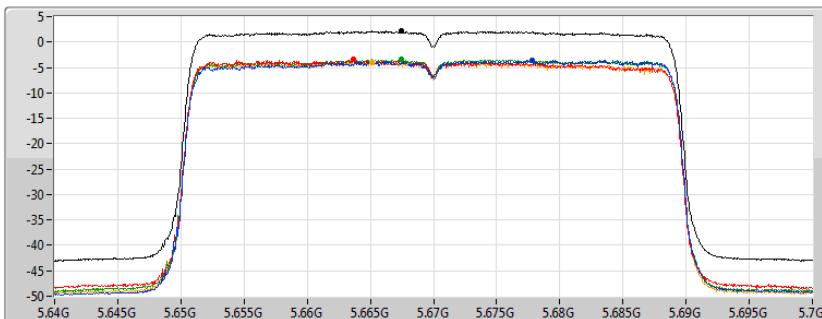
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

PSD

5670MHz

03/12/2019

CF  
5.67GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

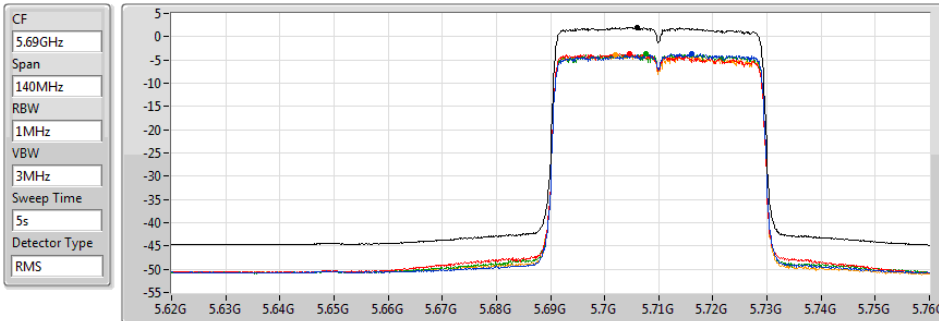
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.13	2.13	-3.60	-3.43	-3.41	-3.97

802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

5710MHz Straddle 5.47-5.725GHz

PSD

03/12/2019



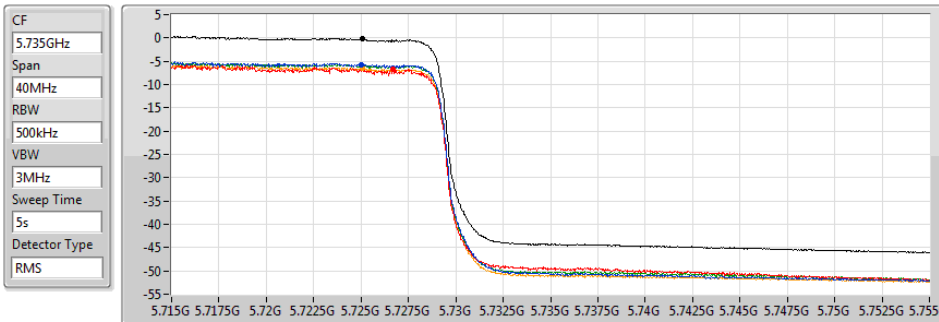
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.96	1.96	-3.65	-3.67	-3.77	-3.98

802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

03/12/2019



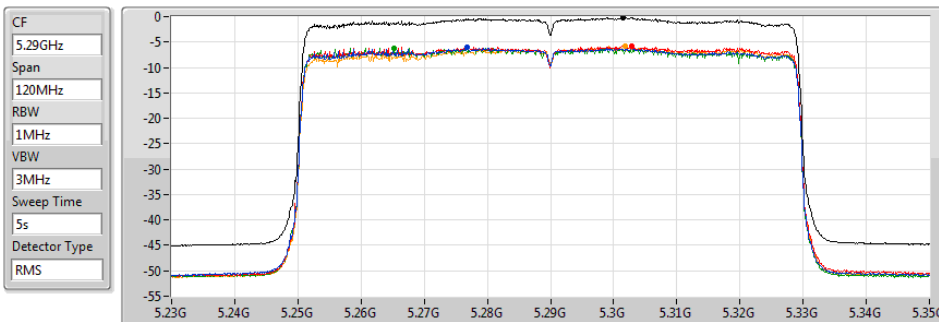
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.27	-0.27	-5.69	-6.82	-5.89	-6.60

802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

5290MHz

PSD

03/12/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.15	-0.15	-6.10	-5.73	-6.14	-5.72

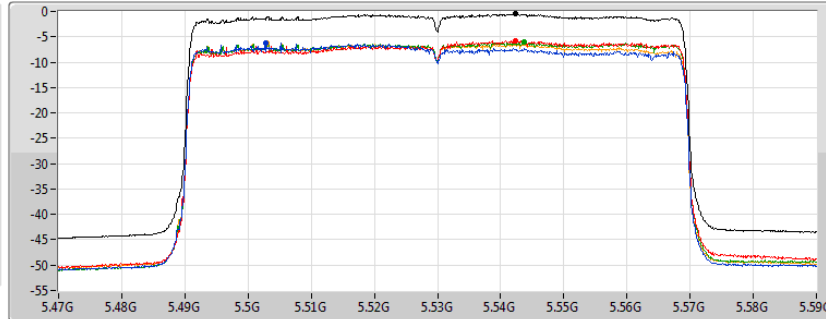
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

PSD

5530MHz

03/12/2019

CF  
5.53GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.44	-0.44	-6.18	-5.78	-6.11	-6.33

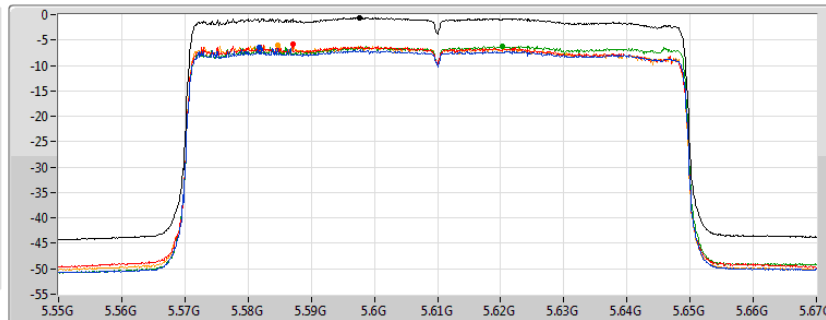
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

PSD

5610MHz

03/12/2019

CF  
5.61GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.58	-0.58	-6.49	-5.88	-6.14	-5.93

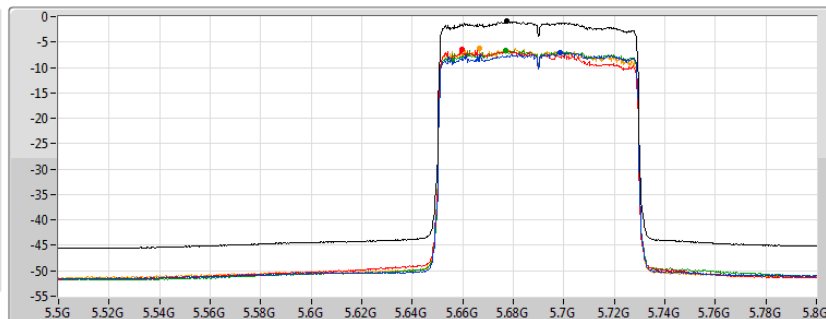
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

03/12/2019

CF  
5.65GHz  
Span  
300MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

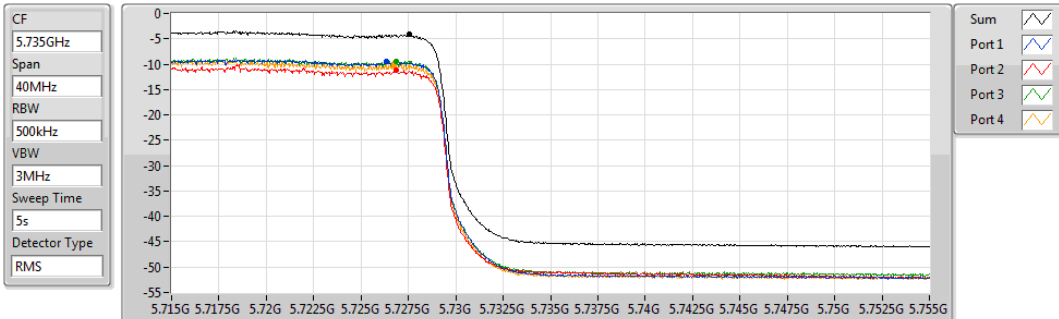
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.90	-0.90	-7.01	-6.50	-6.56	-6.15

802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

03/12/2019



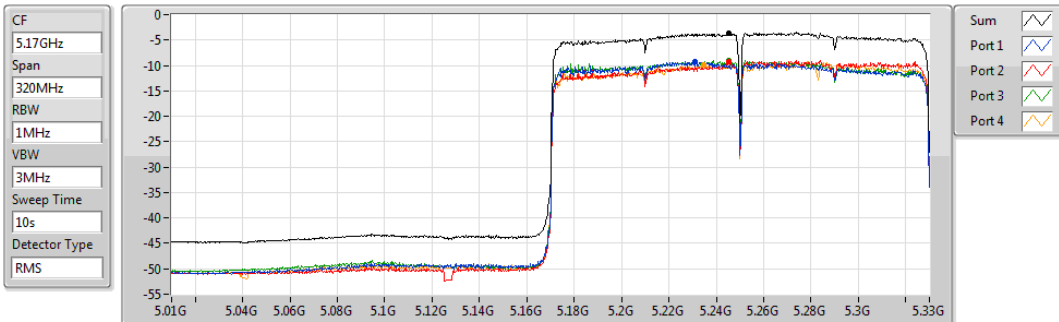
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.16	-4.16	-9.52	-11.26	-9.41	-9.94

802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

02/12/2019



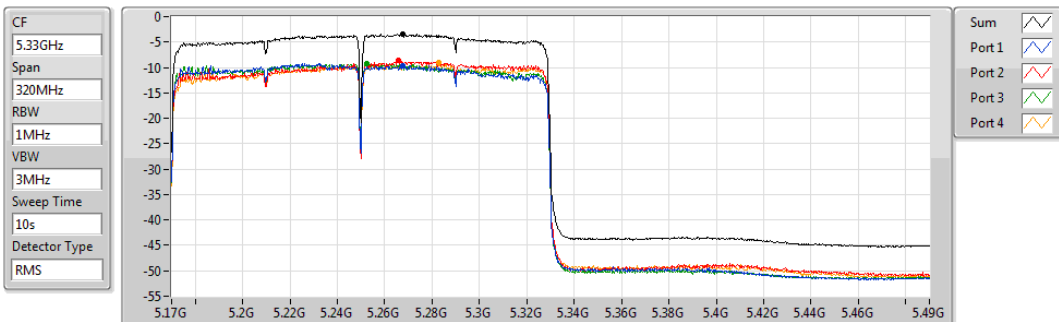
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.71	-3.71	-9.28	-9.34	-9.07	-9.95

802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

02/12/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.51	-3.51	-9.68	-8.51	-9.28	-8.99



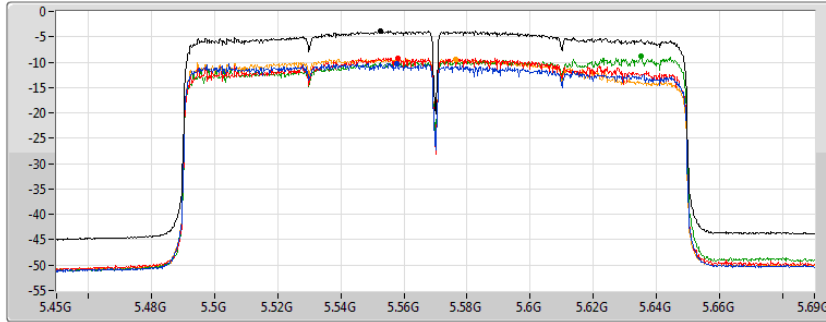
802.11ax HEW160-BF\_Nss1,(MCS0)\_4TX

PSD

5570MHz

02/12/2019

CF  
5.57GHz  
Span  
240MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
10s  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.88	-3.88	-10.31	-9.14	-8.83	-9.46





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.86	16.89
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.38	14.41
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.85	10.88
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.96	16.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.50	14.53
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.10	11.13
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.92	16.95
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.57	14.60
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.68	11.71
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.88	16.91
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.48	14.51
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.74	11.77
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	6.50	14.53
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	3.91	11.94
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.25	7.78
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	6.54	14.57
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	3.87	11.90
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	0.04	8.07

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



Result

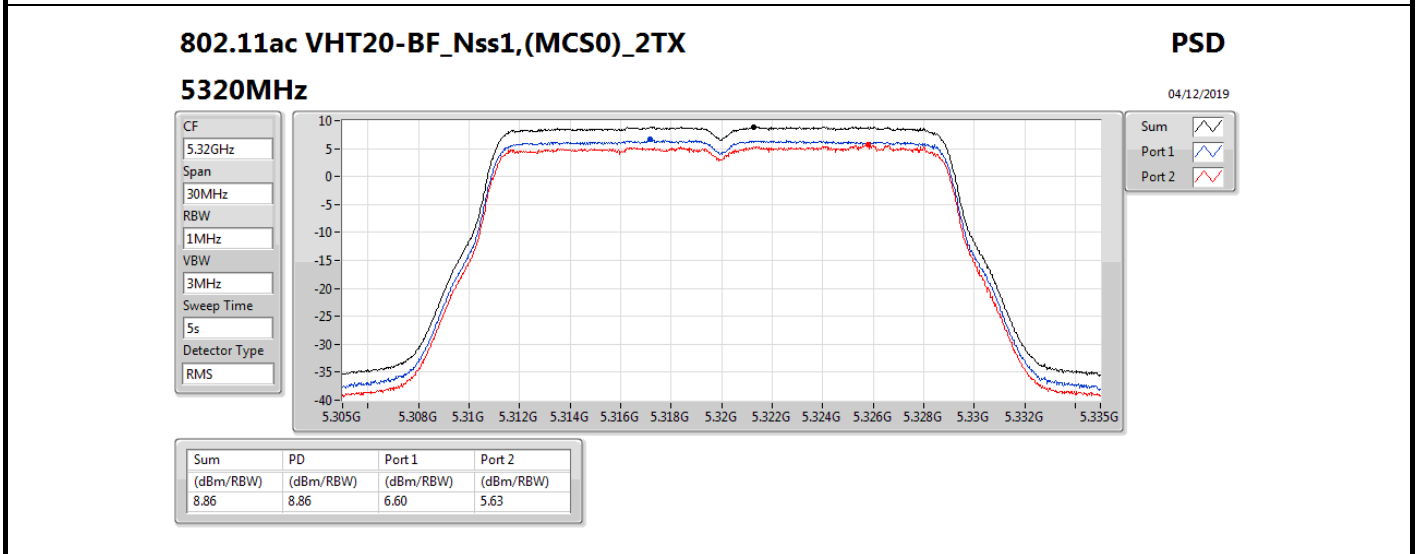
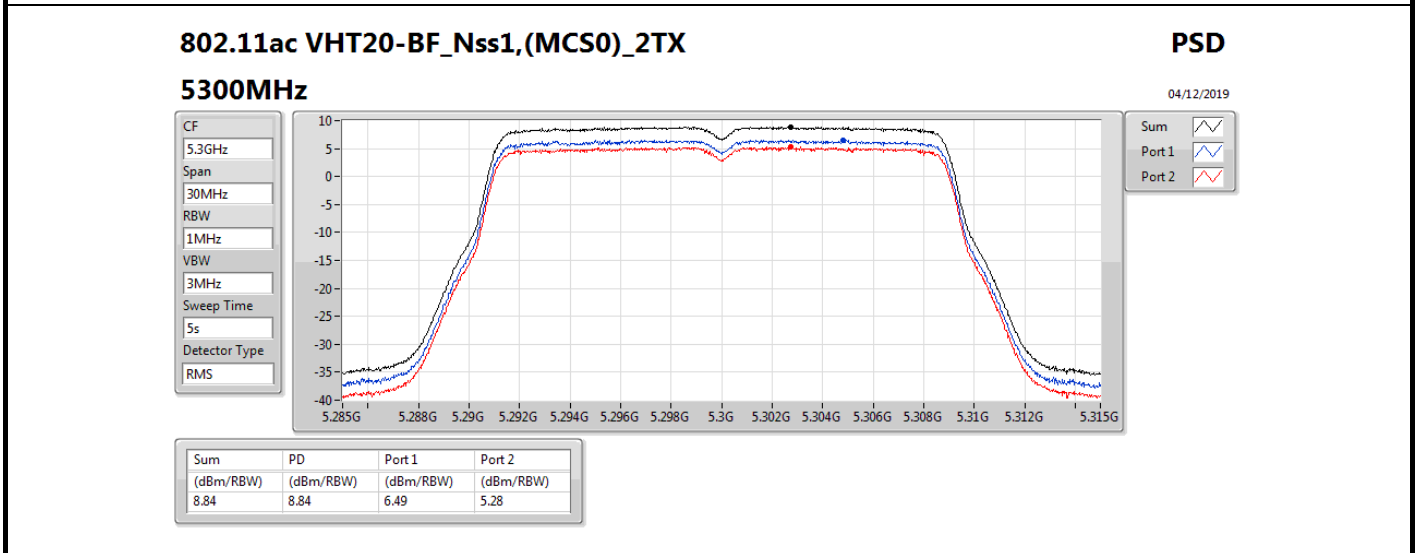
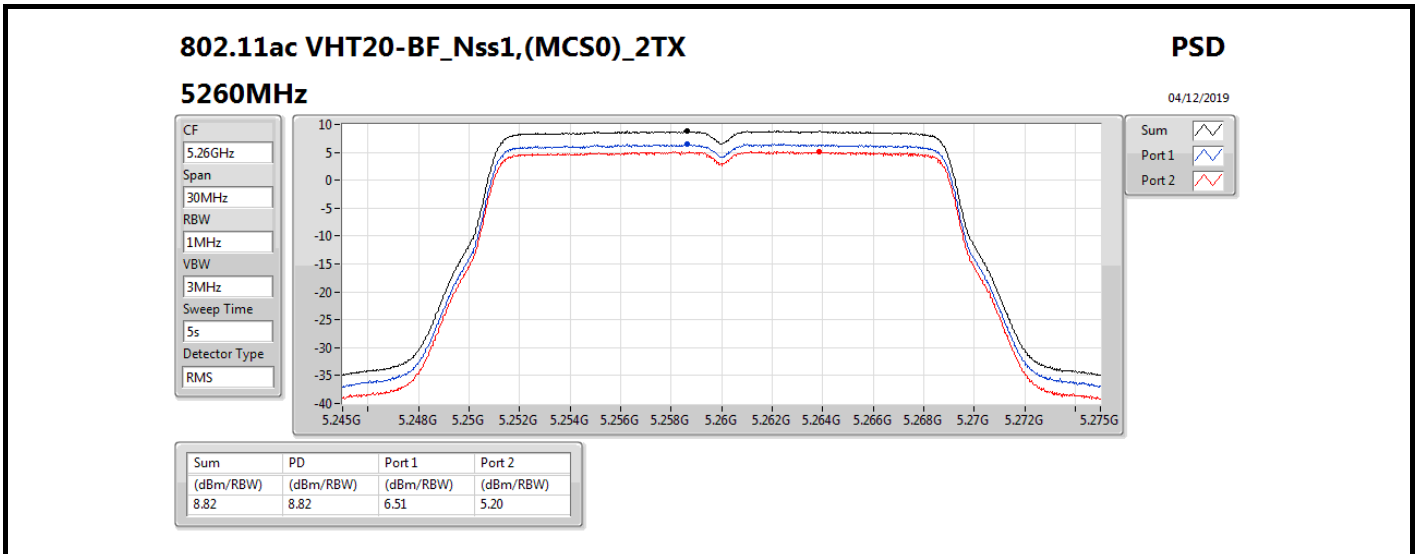
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.03	6.51	5.20	8.82	8.97	16.85	17.00
5300MHz	Pass	8.03	6.49	5.28	8.84	8.97	16.87	17.00
5320MHz	Pass	8.03	6.60	5.63	8.86	8.97	16.89	17.00
5500MHz	Pass	8.03	6.38	5.52	8.92	8.97	16.95	17.00
5580MHz	Pass	8.03	6.26	5.46	8.83	8.97	16.86	17.00
5700MHz	Pass	8.03	5.52	4.79	8.07	8.97	16.10	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.03	5.58	4.95	8.21	8.97	16.24	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.03	3.83	3.16	6.50	27.97	14.53	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.03	4.07	2.95	6.38	8.97	14.41	17.00
5310MHz	Pass	8.03	3.86	2.71	6.20	8.97	14.23	17.00
5510MHz	Pass	8.03	2.61	1.90	5.19	8.97	13.22	17.00
5550MHz	Pass	8.03	4.23	3.28	6.57	8.97	14.60	17.00
5670MHz	Pass	8.03	3.87	3.01	6.44	8.97	14.47	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.03	3.43	2.56	6.01	8.97	14.04	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.03	1.31	0.50	3.91	27.97	11.94	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.03	0.01	-0.07	2.85	8.97	10.88	17.00
5530MHz	Pass	8.03	0.03	-0.92	2.50	8.97	10.53	17.00
5610MHz	Pass	8.03	1.53	0.32	3.68	8.97	11.71	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.03	-0.05	-0.63	2.62	8.97	10.65	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.03	-2.75	-3.61	-0.25	27.97	7.78	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.03	6.61	5.34	8.95	8.97	16.98	17.00
5300MHz	Pass	8.03	6.52	5.41	8.96	8.97	16.99	17.00
5320MHz	Pass	8.03	6.49	5.23	8.85	8.97	16.88	17.00
5500MHz	Pass	8.03	6.38	5.50	8.88	8.97	16.91	17.00
5580MHz	Pass	8.03	6.21	5.49	8.82	8.97	16.85	17.00
5700MHz	Pass	8.03	5.43	4.86	8.11	8.97	16.14	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.03	5.69	5.01	8.33	8.97	16.36	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.03	3.85	3.26	6.54	27.97	14.57	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.03	4.10	2.89	6.50	8.97	14.53	17.00
5310MHz	Pass	8.03	3.81	2.74	6.19	8.97	14.22	17.00
5510MHz	Pass	8.03	2.64	2.13	5.35	8.97	13.38	17.00
5550MHz	Pass	8.03	3.82	3.24	6.48	8.97	14.51	17.00
5670MHz	Pass	8.03	3.75	3.06	6.34	8.97	14.37	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.03	3.57	2.73	6.06	8.97	14.09	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.03	1.31	0.37	3.87	27.97	11.90	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.03	0.14	0.09	3.10	8.97	11.13	17.00
5530MHz	Pass	8.03	0.14	-0.84	2.43	8.97	10.46	17.00
5610MHz	Pass	8.03	1.23	0.47	3.74	8.97	11.77	17.00

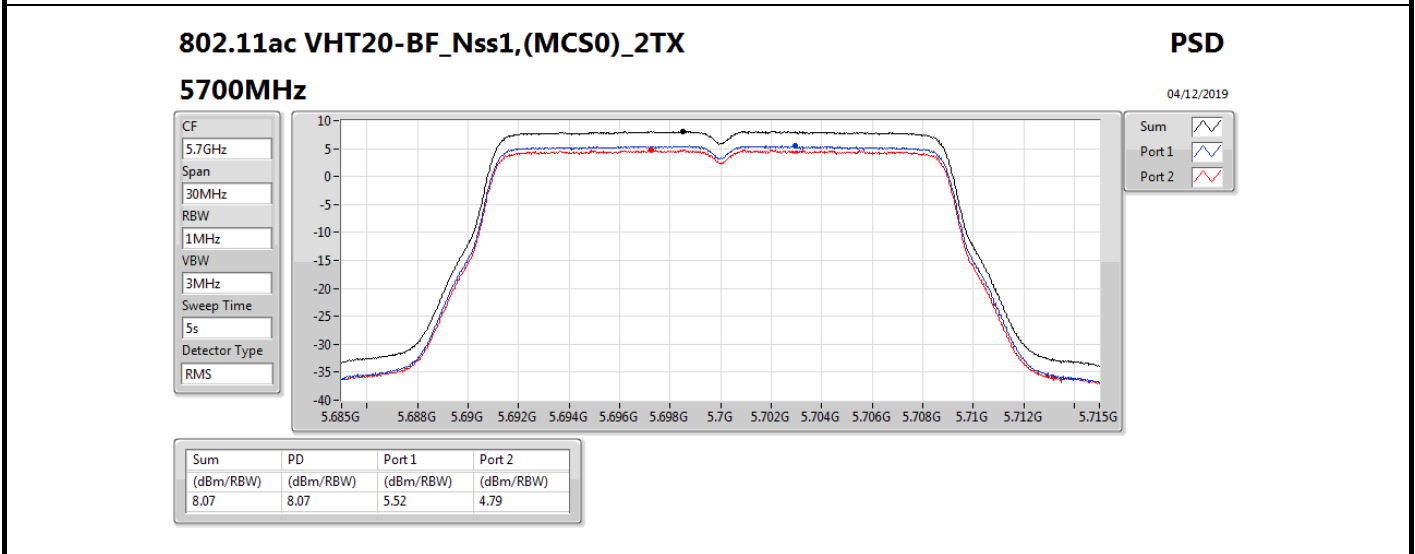
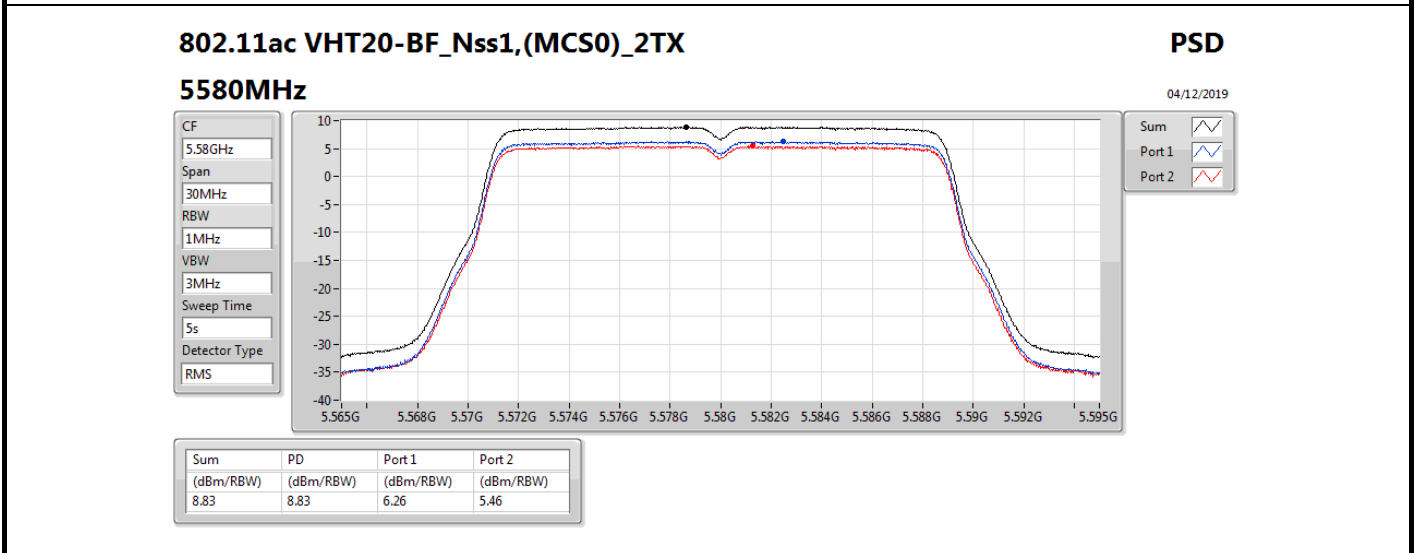
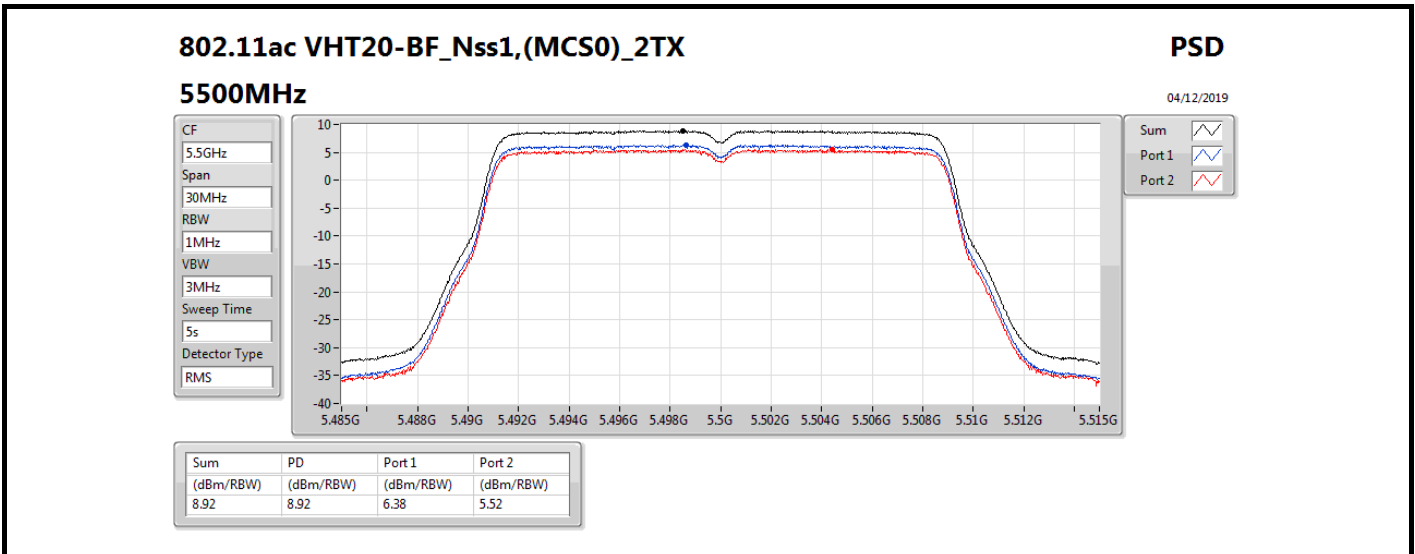


Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5690MHz Straddle 5.47-5.725GHz	Pass	8.03	0.38	-0.31	3.02	8.97	11.05	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.03	-2.41	-3.27	0.04	27.97	8.07	36.00

**DG** = Directional Gain; **RBW** = 500 kHz 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;

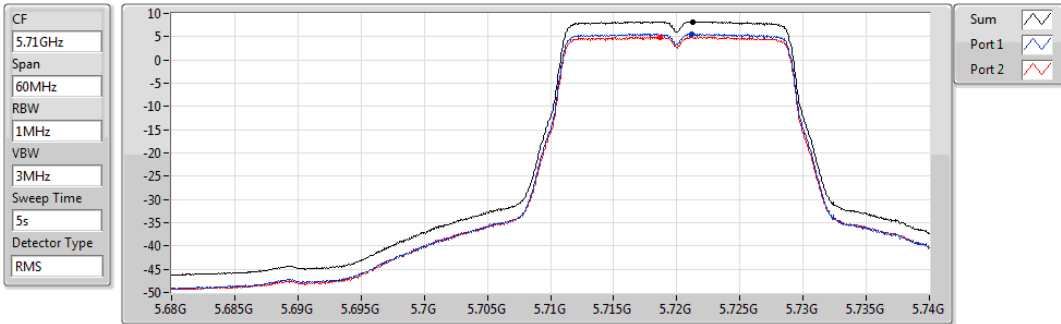




**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**  
**5720MHz Straddle 5.47-5.725GHz**

PSD

04/12/2019

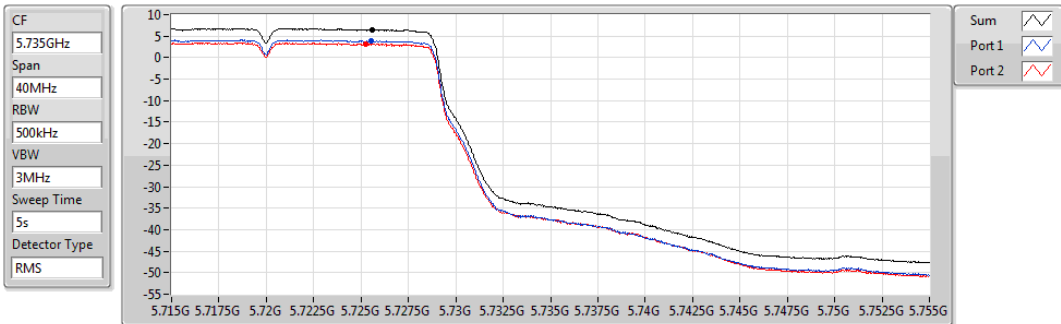


Sum	PD	Port 1	Port 2
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
8.21	8.21	5.58	4.95

**802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX**  
**5720MHz Straddle 5.725-5.85GHz**

PSD

04/12/2019

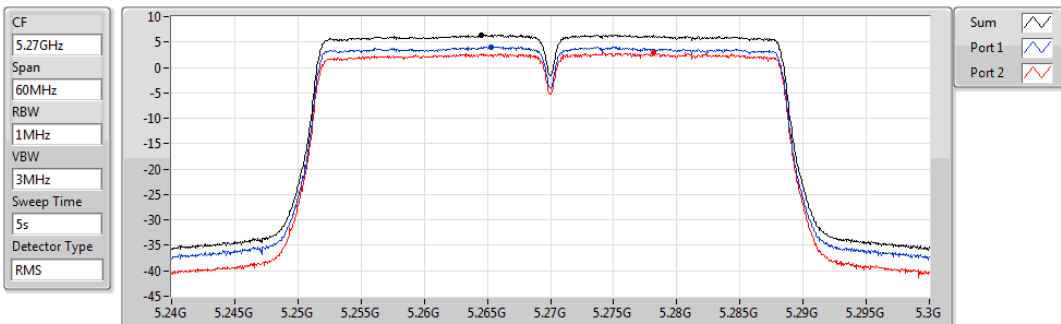


Sum	PD	Port 1	Port 2
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
6.50	6.50	3.83	3.16

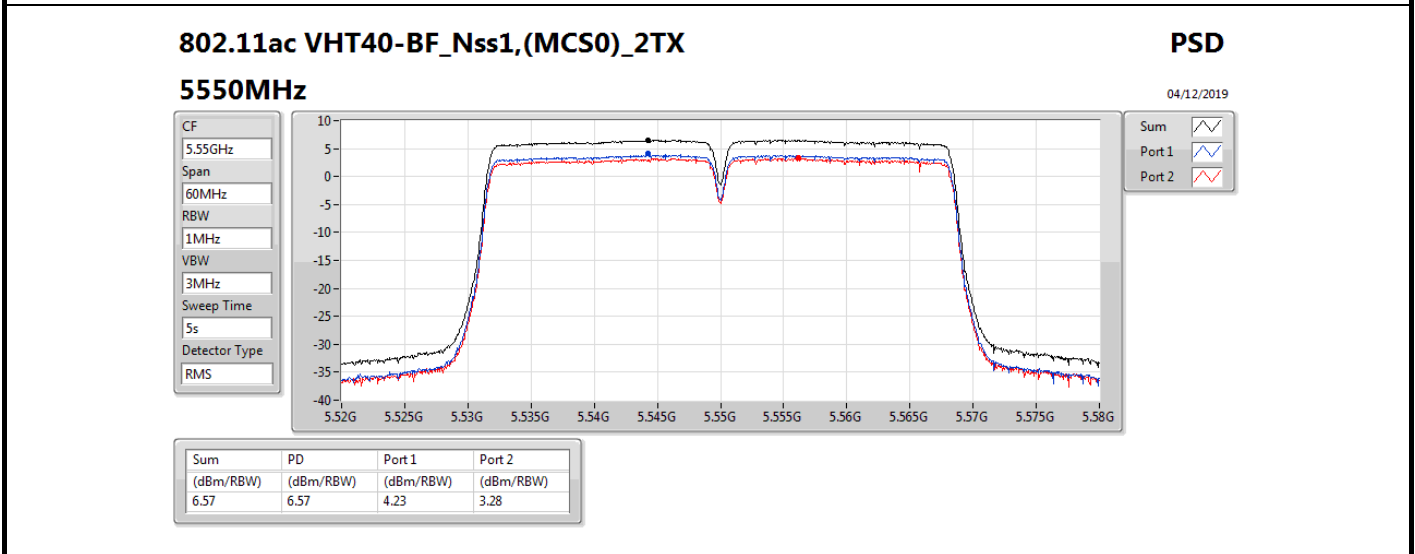
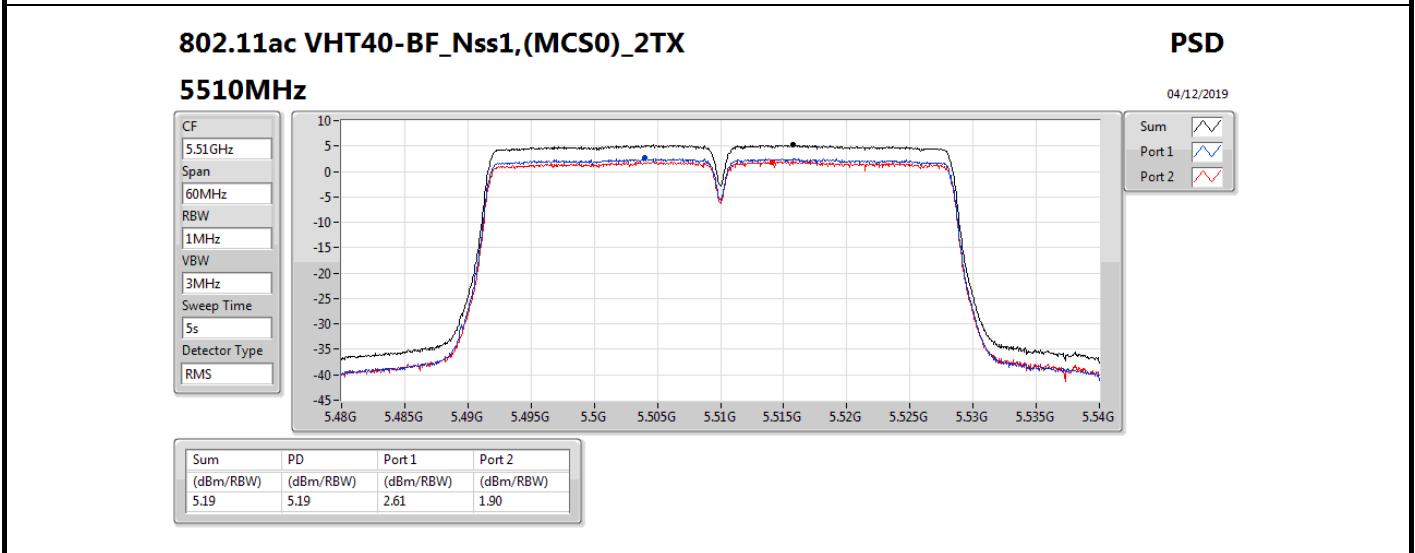
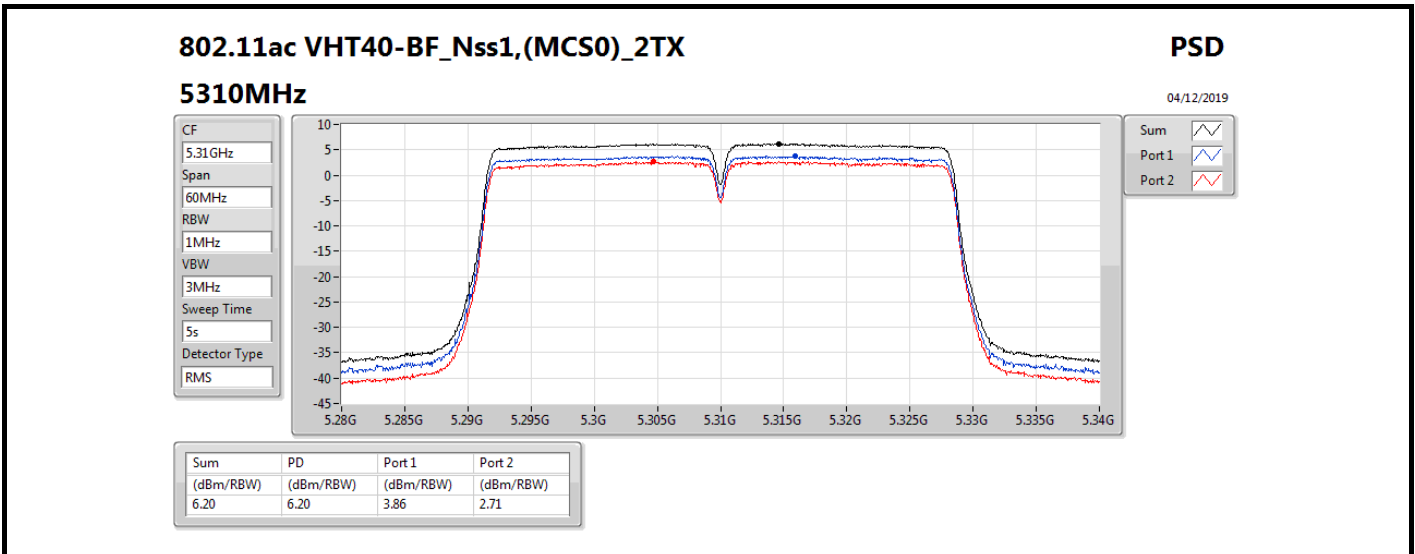
**802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX**  
**5270MHz**

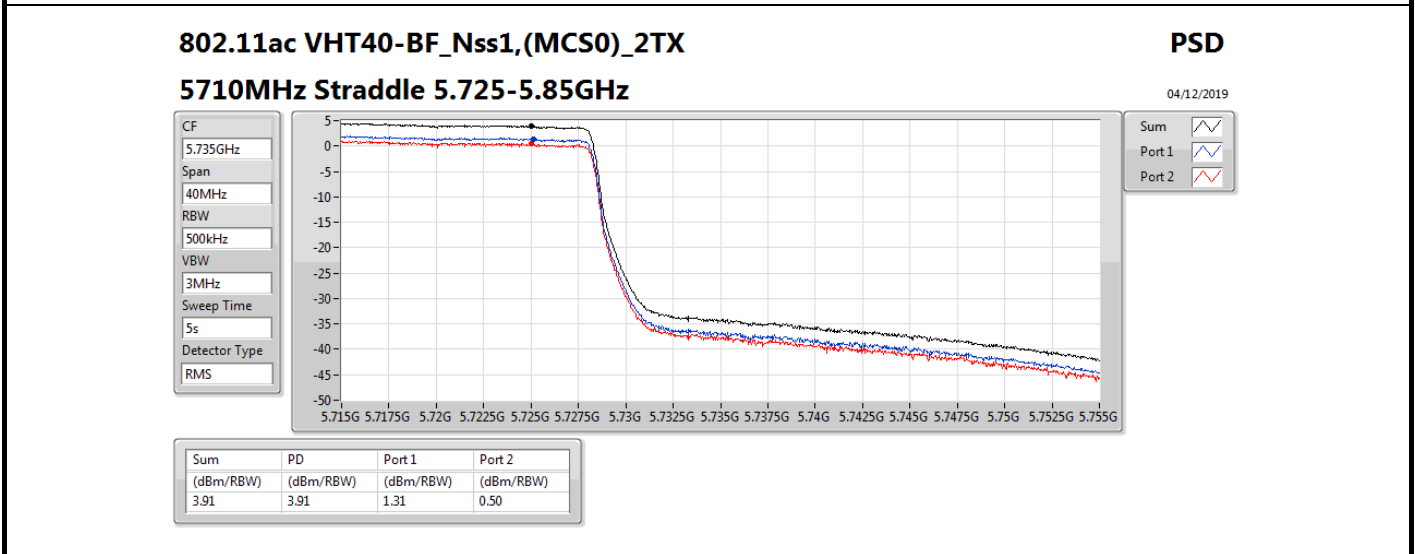
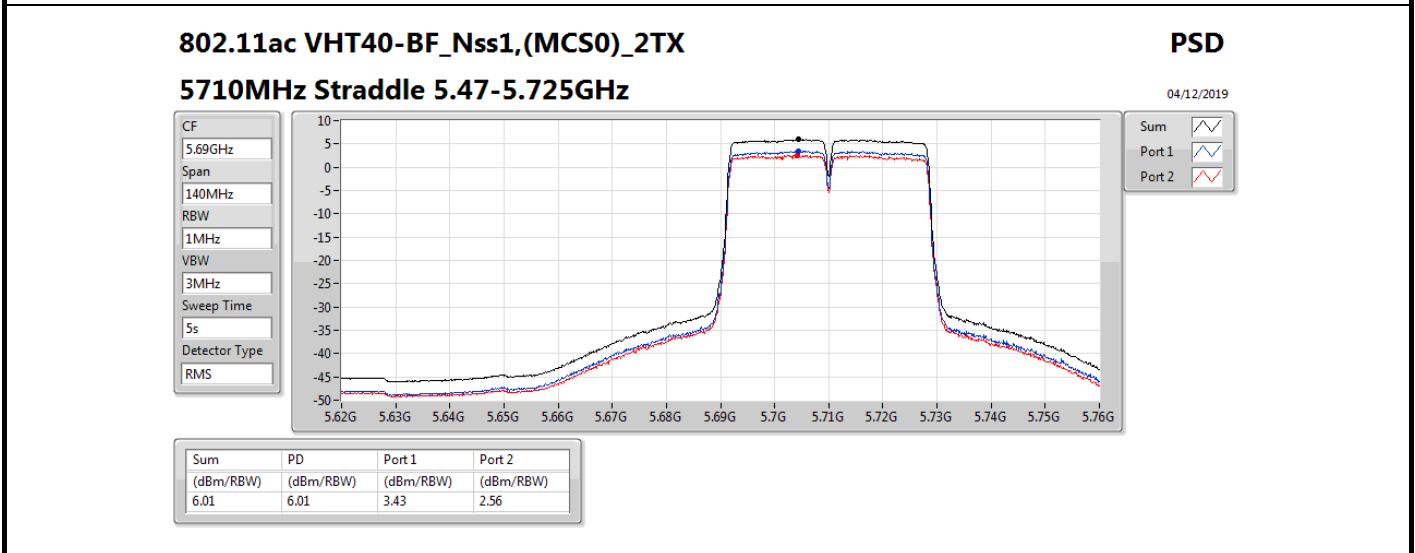
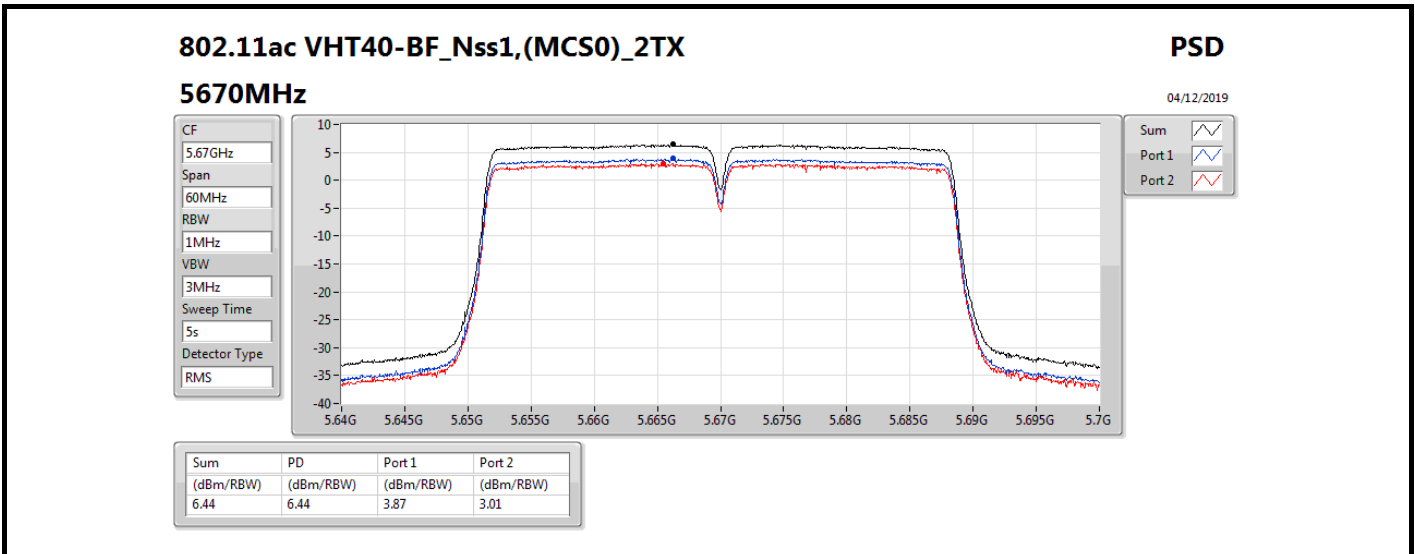
PSD

04/12/2019



Sum	PD	Port 1	Port 2
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
6.38	6.38	4.07	2.95







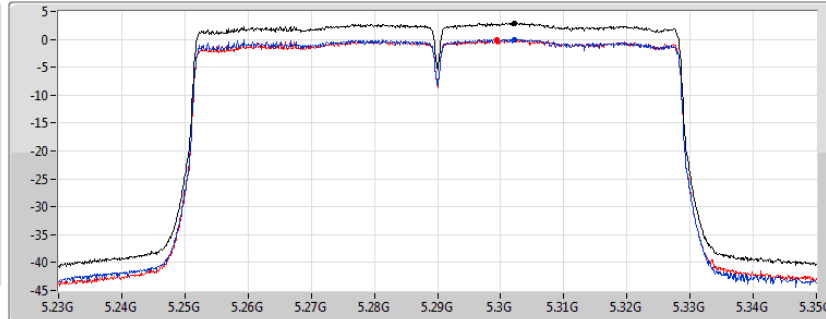
802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

PSD

5290MHz

04/12/2019

CF  
5.29GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.85	2.85	0.01	-0.07

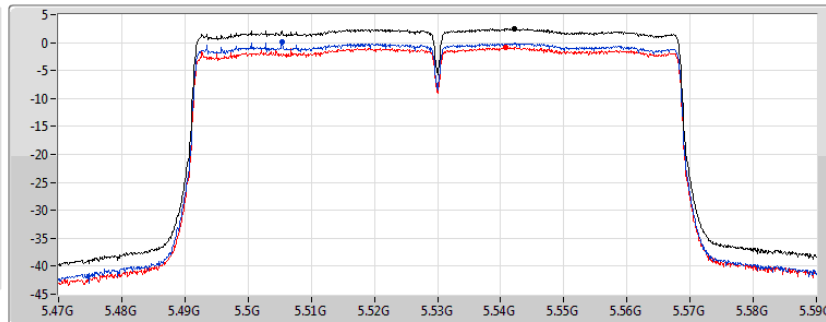
802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

PSD

5530MHz

04/12/2019

CF  
5.53GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.50	2.50	0.03	-0.92

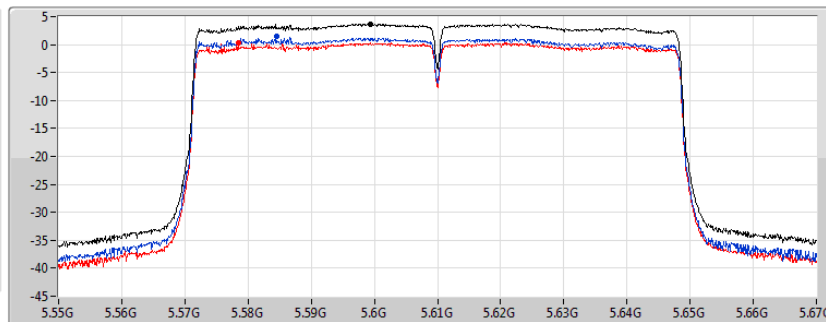
802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

PSD

5610MHz

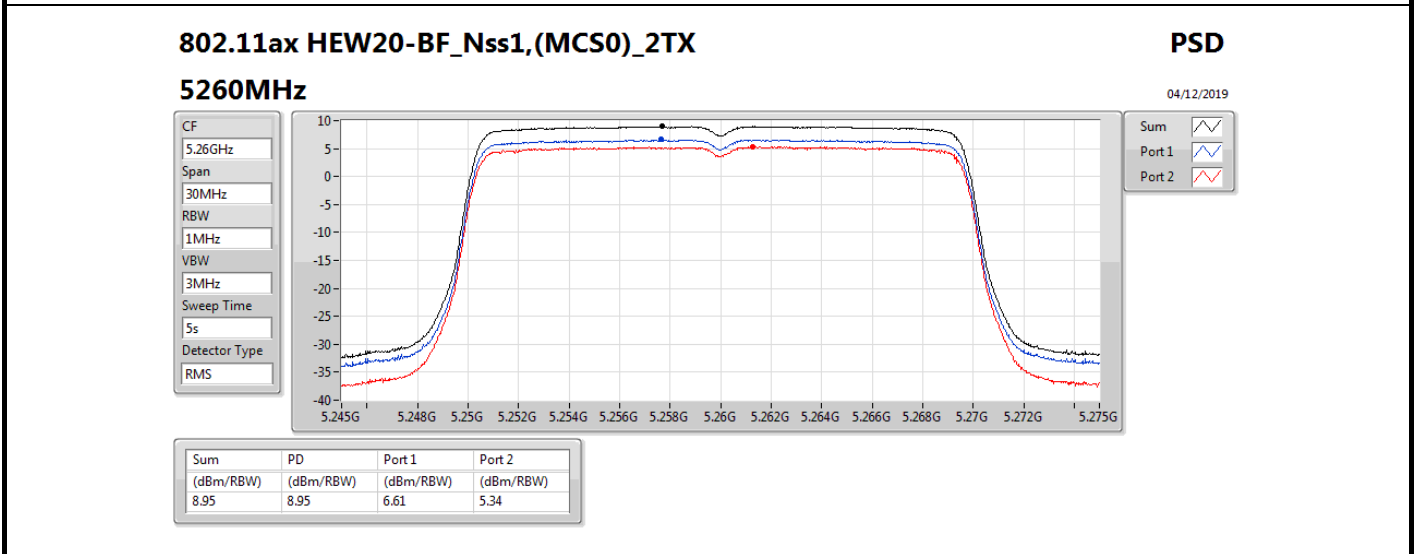
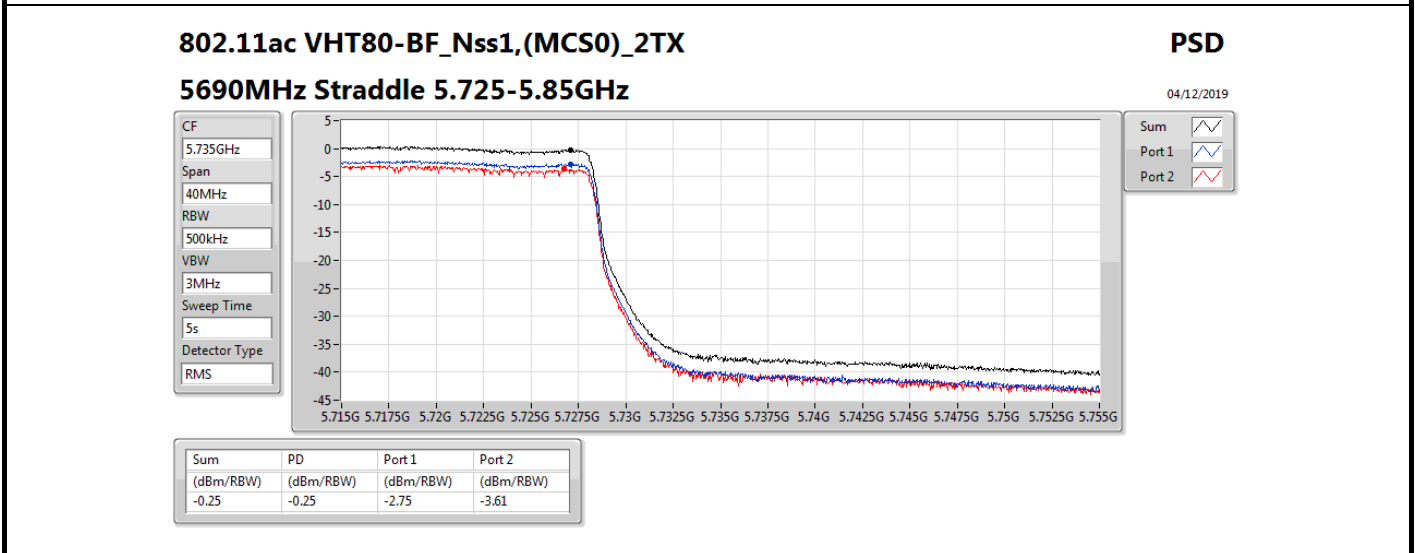
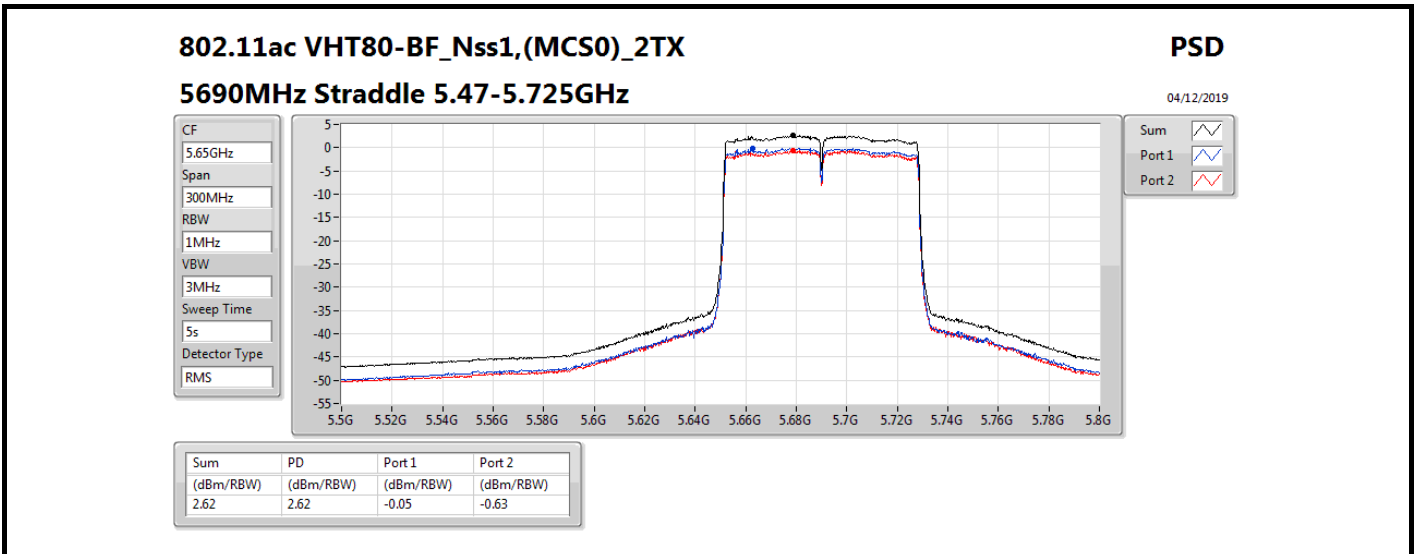
04/12/2019

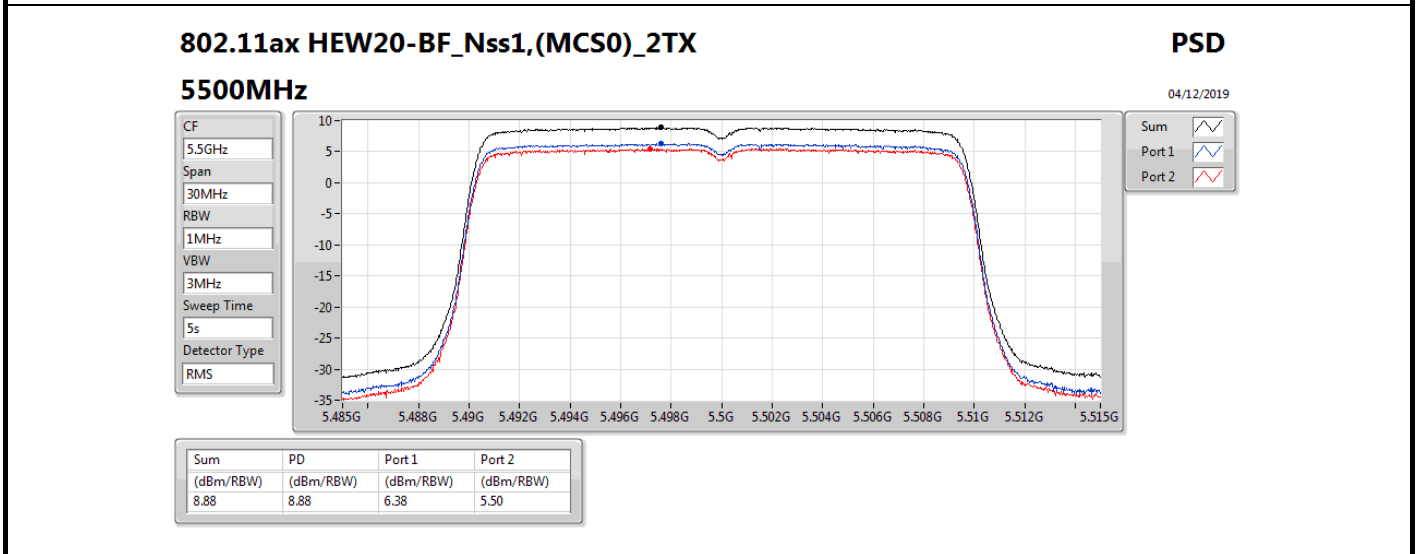
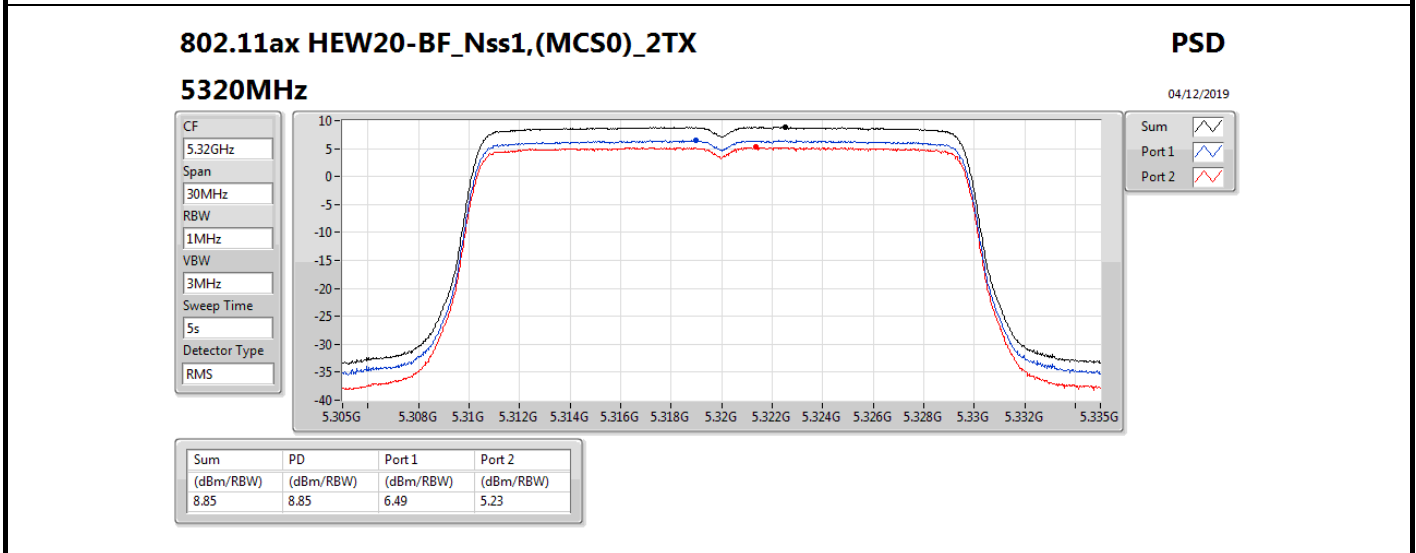
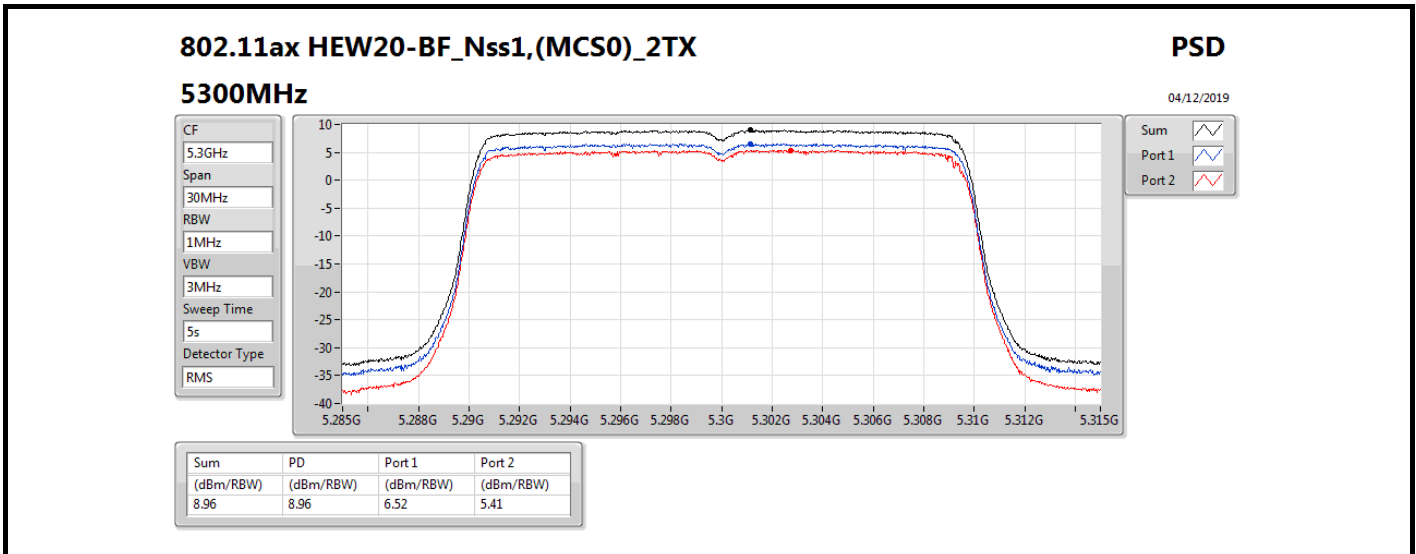
CF  
5.61GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS

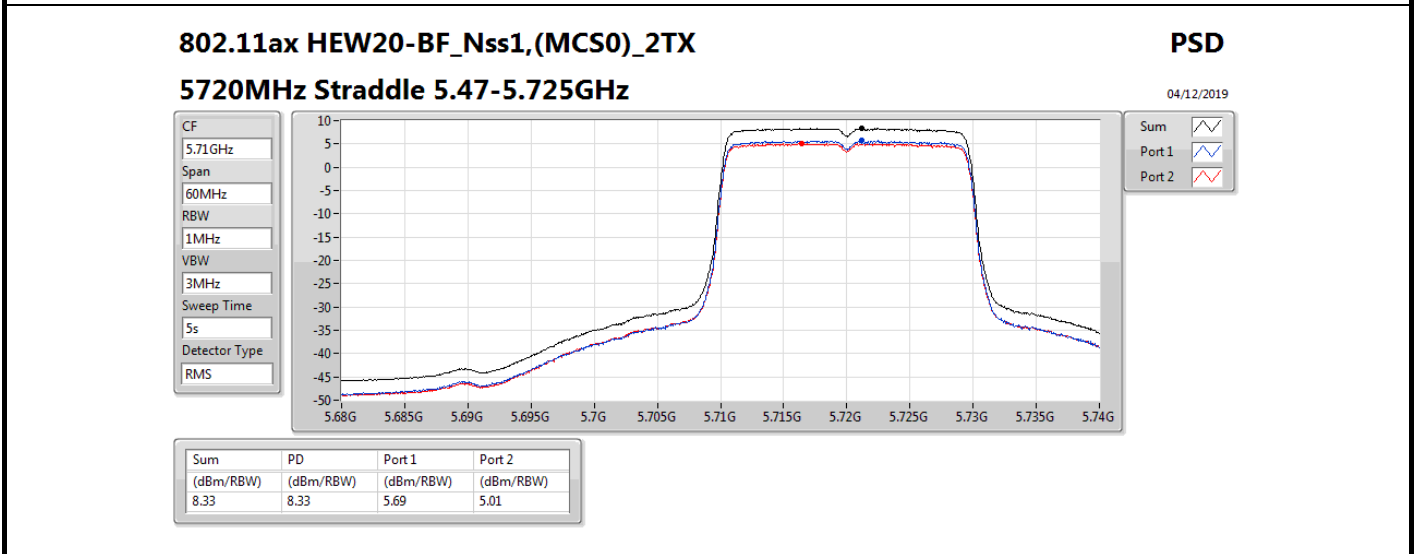
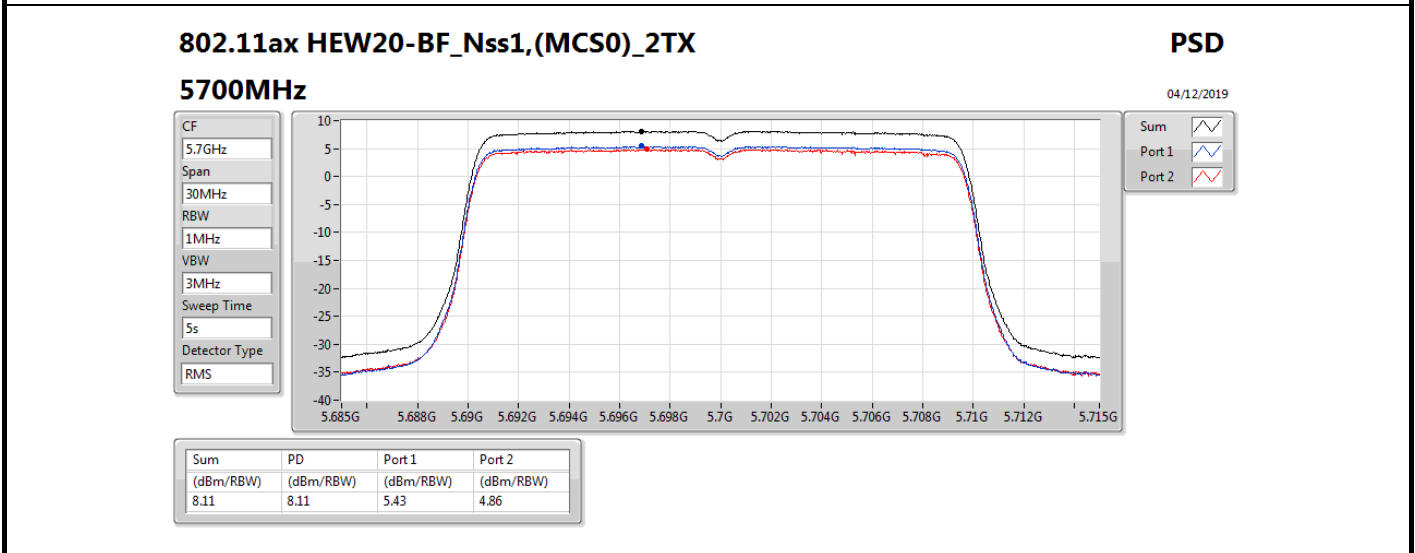
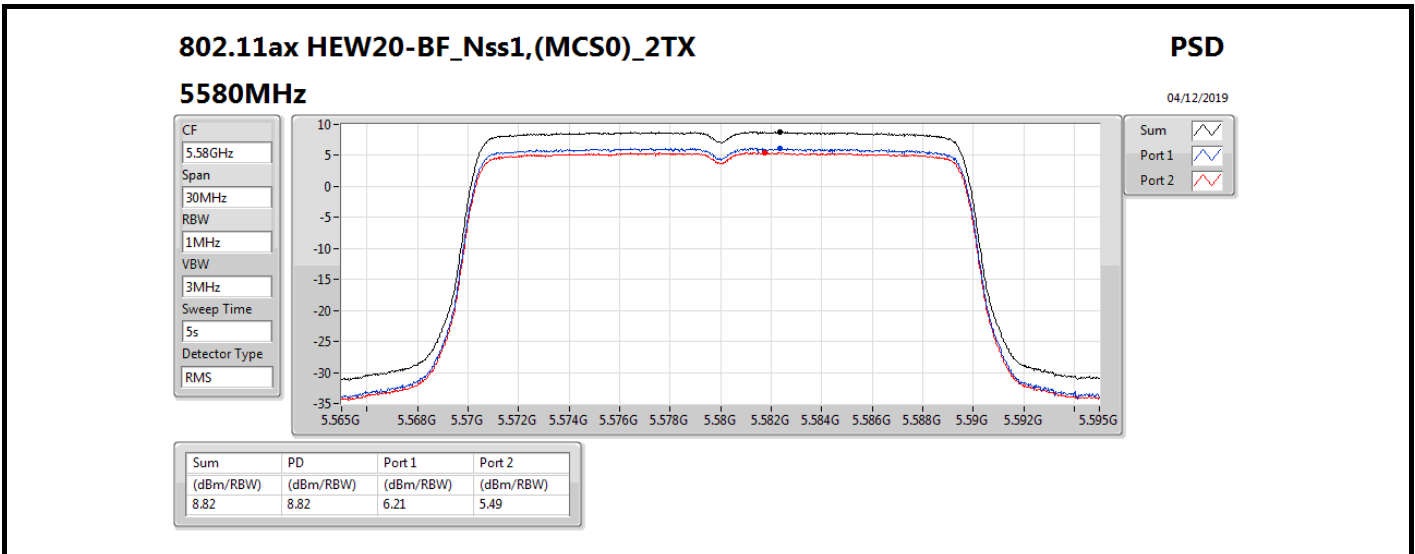


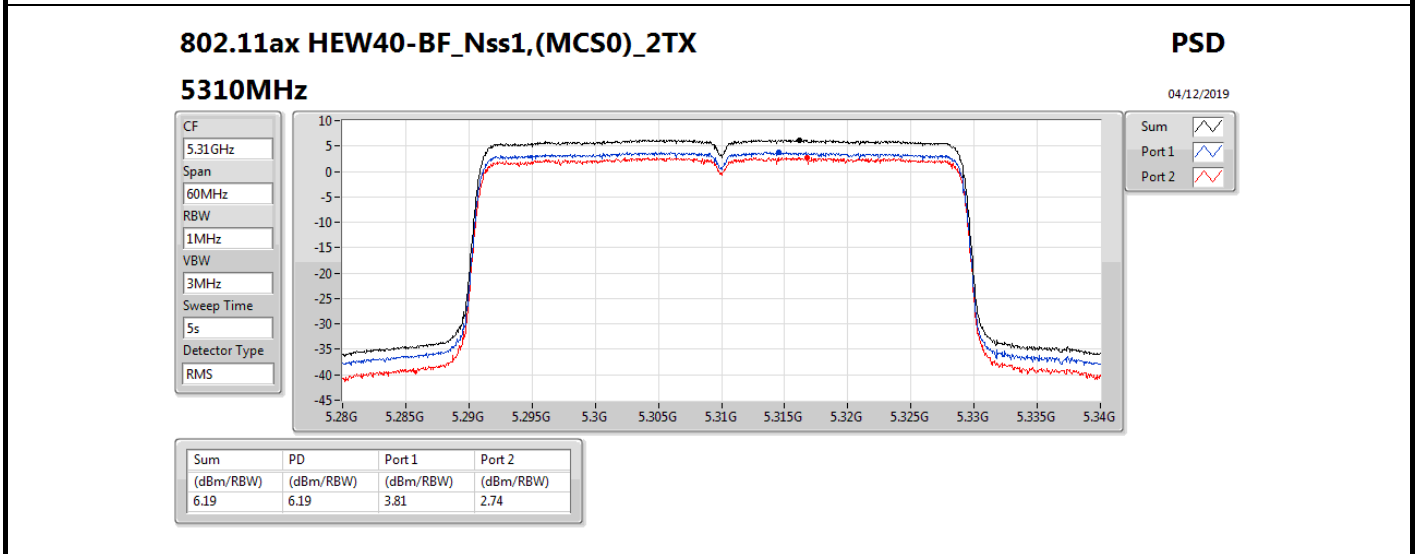
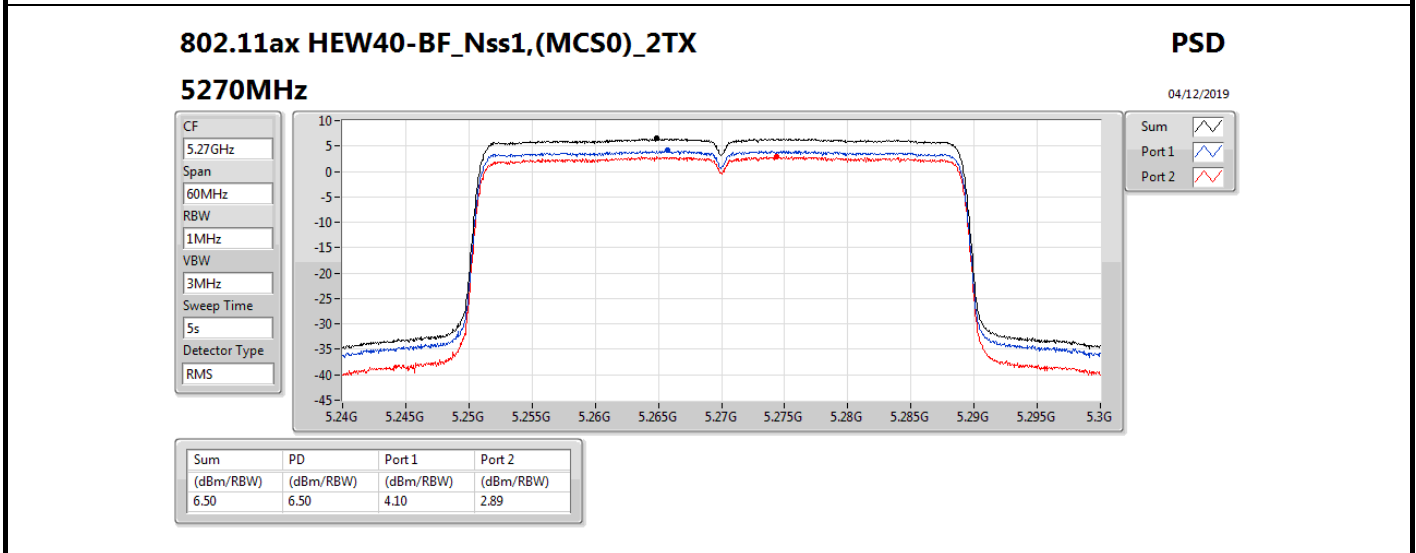
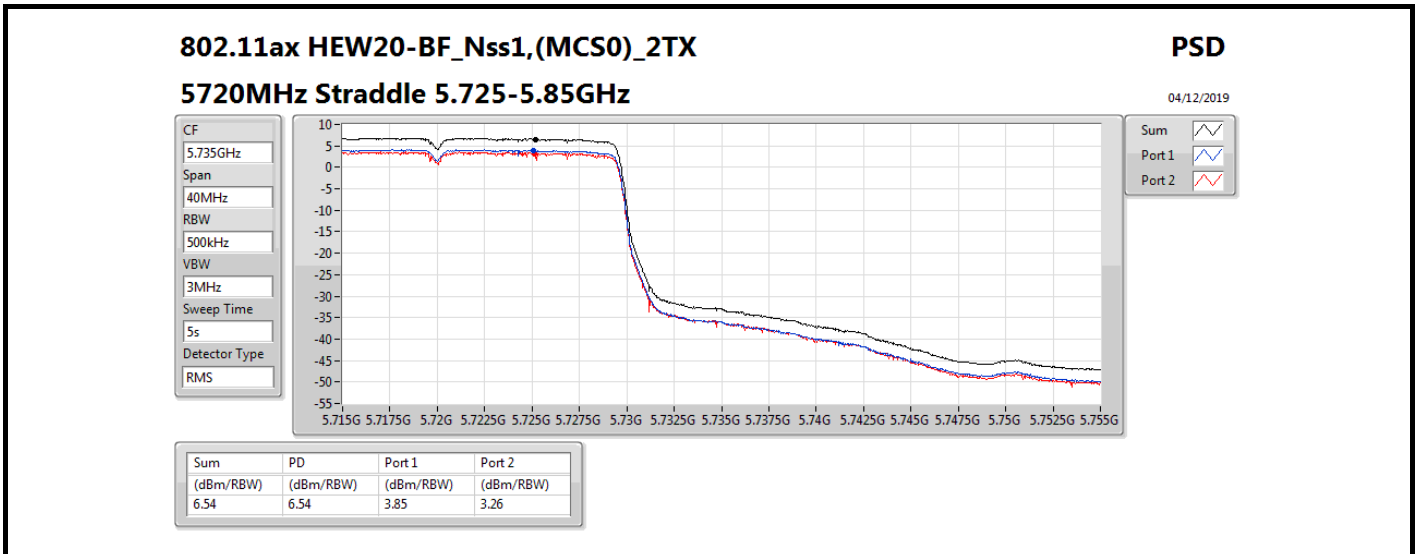
Sum  
Port 1  
Port 2

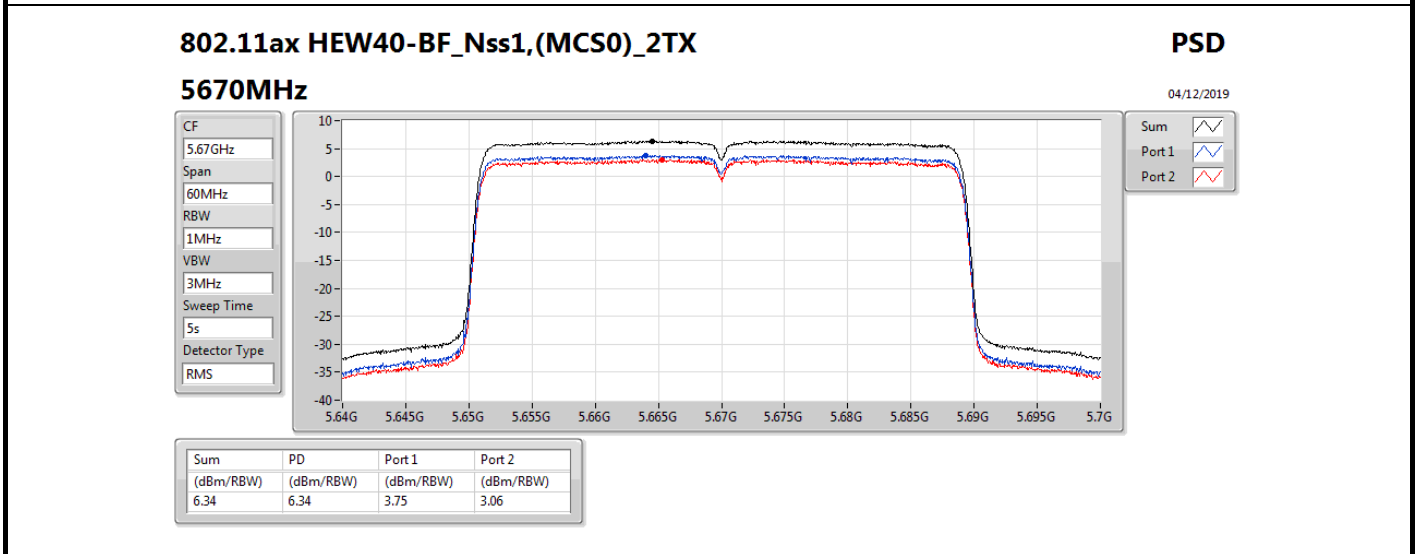
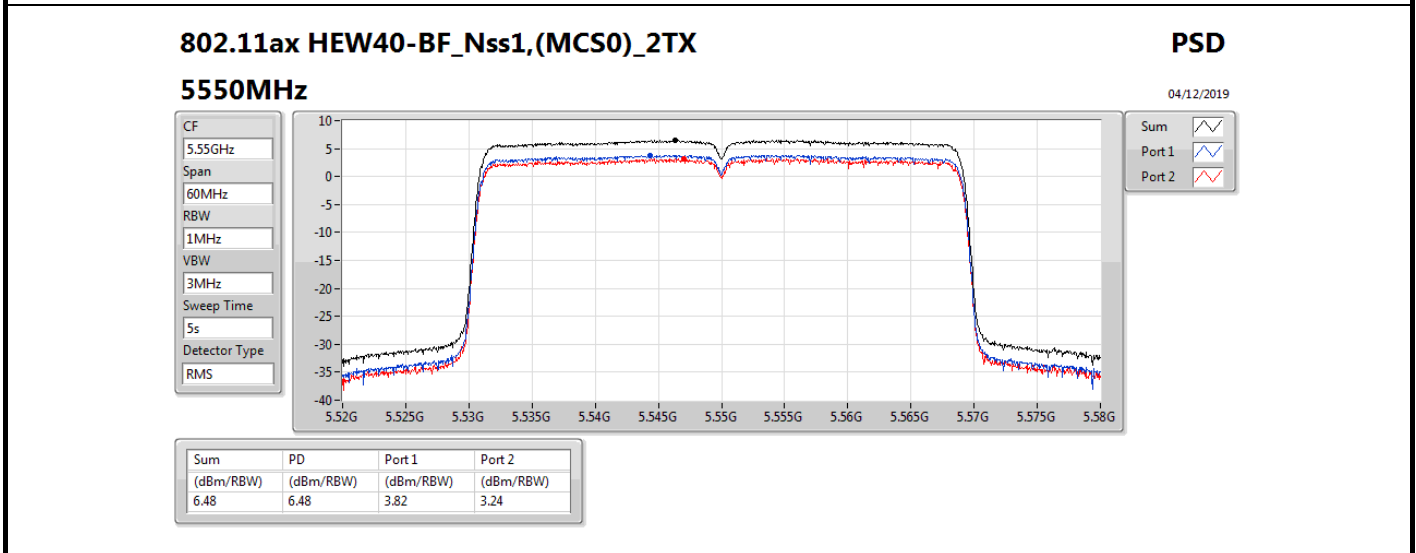
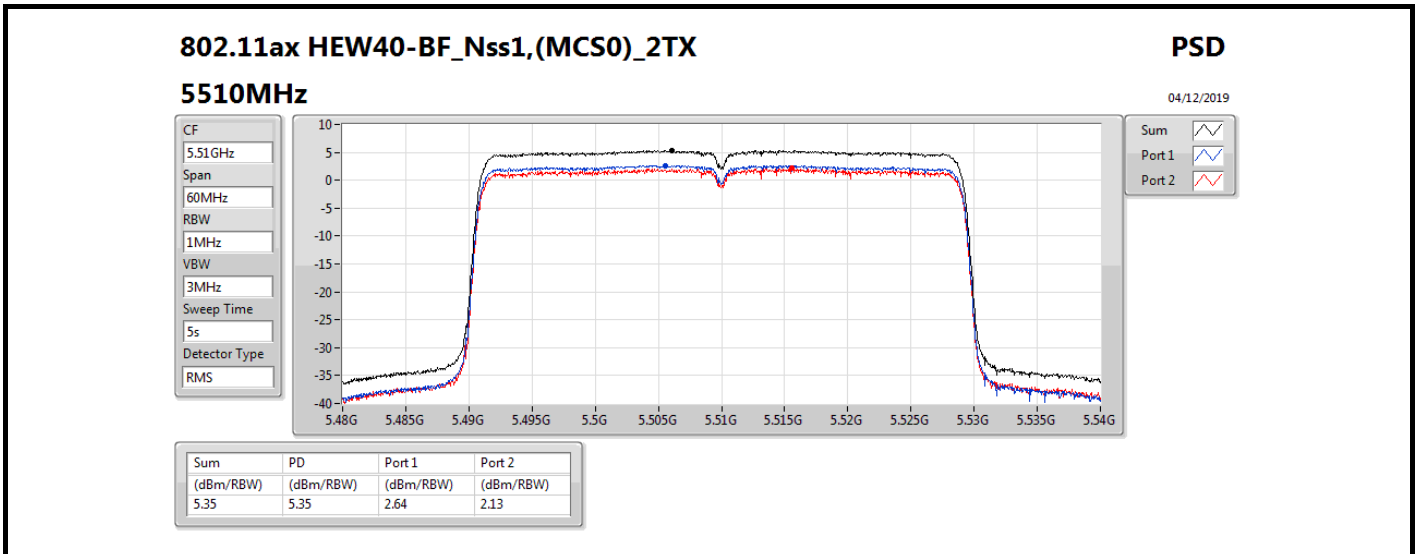
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.68	3.68	1.53	0.32

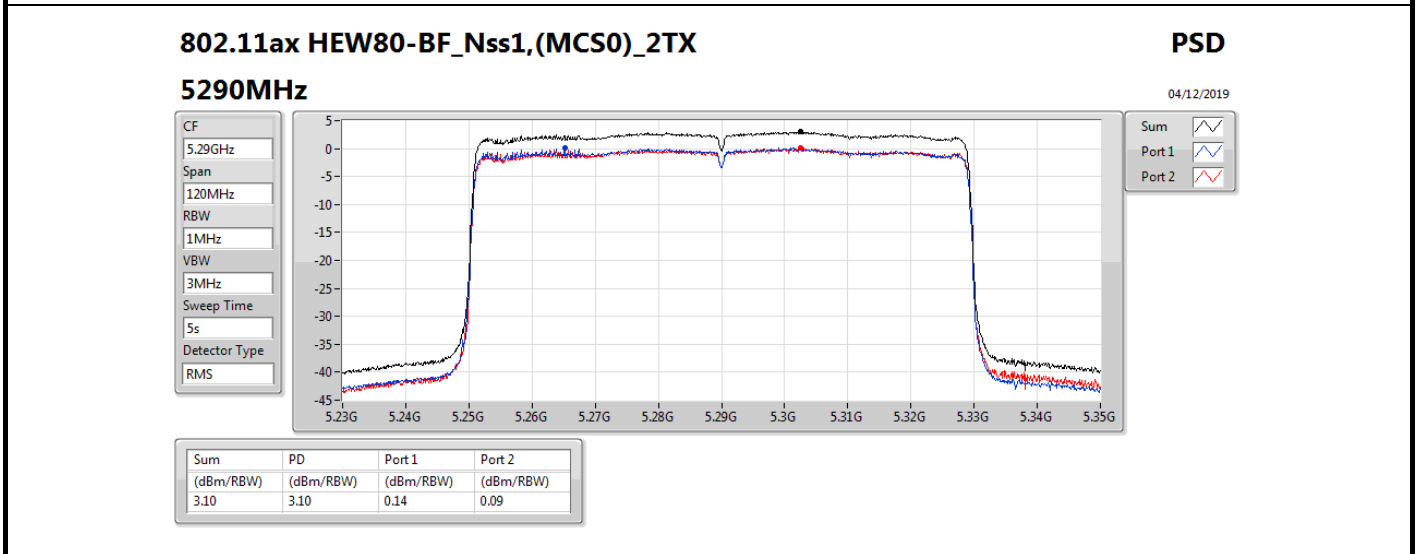
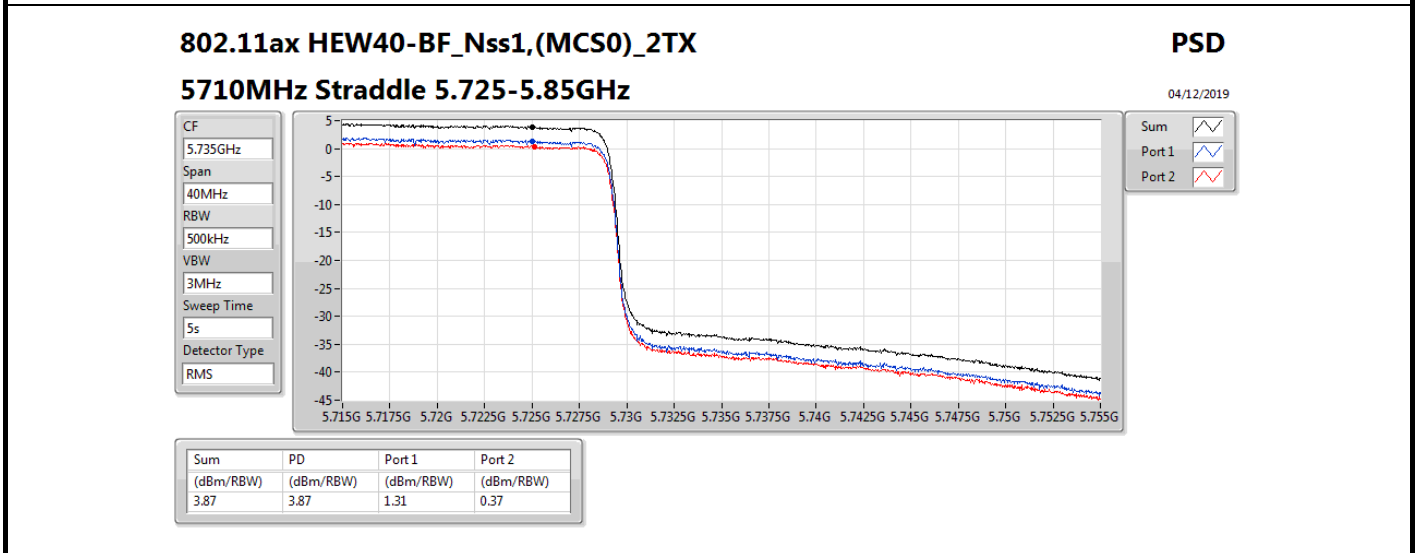
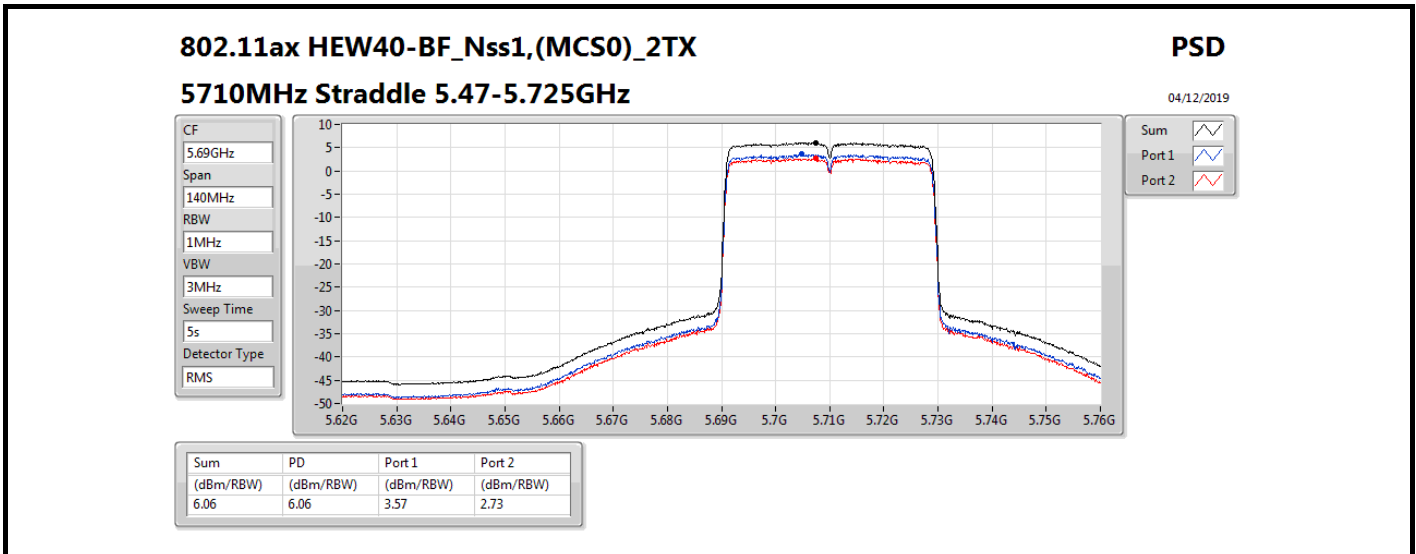


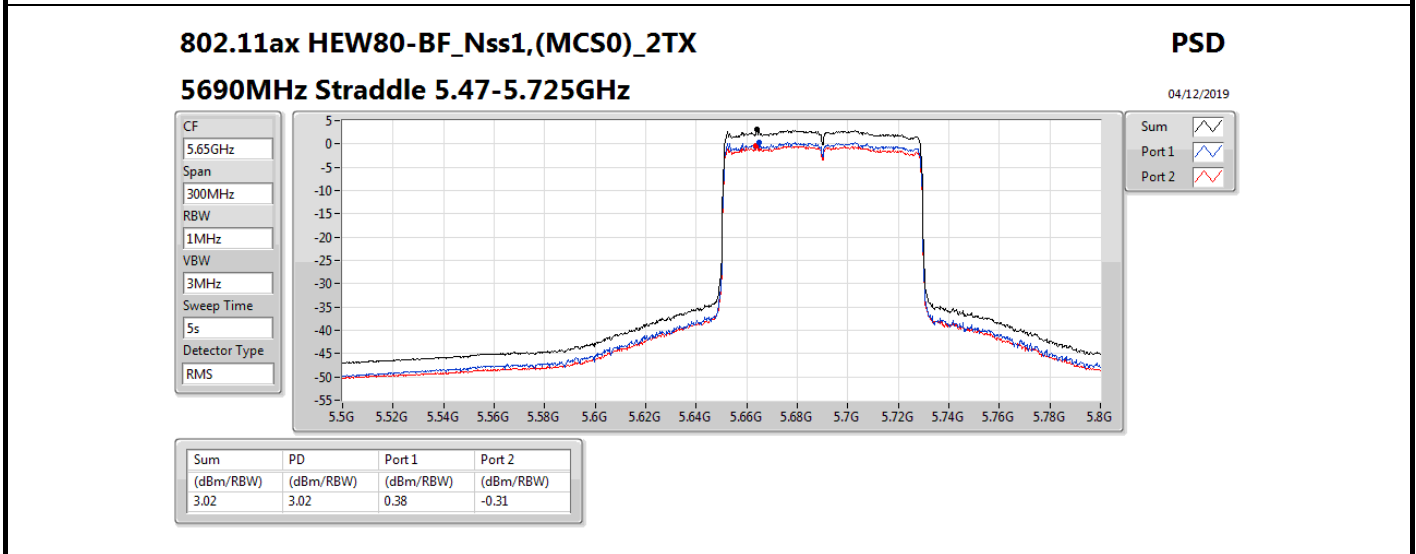
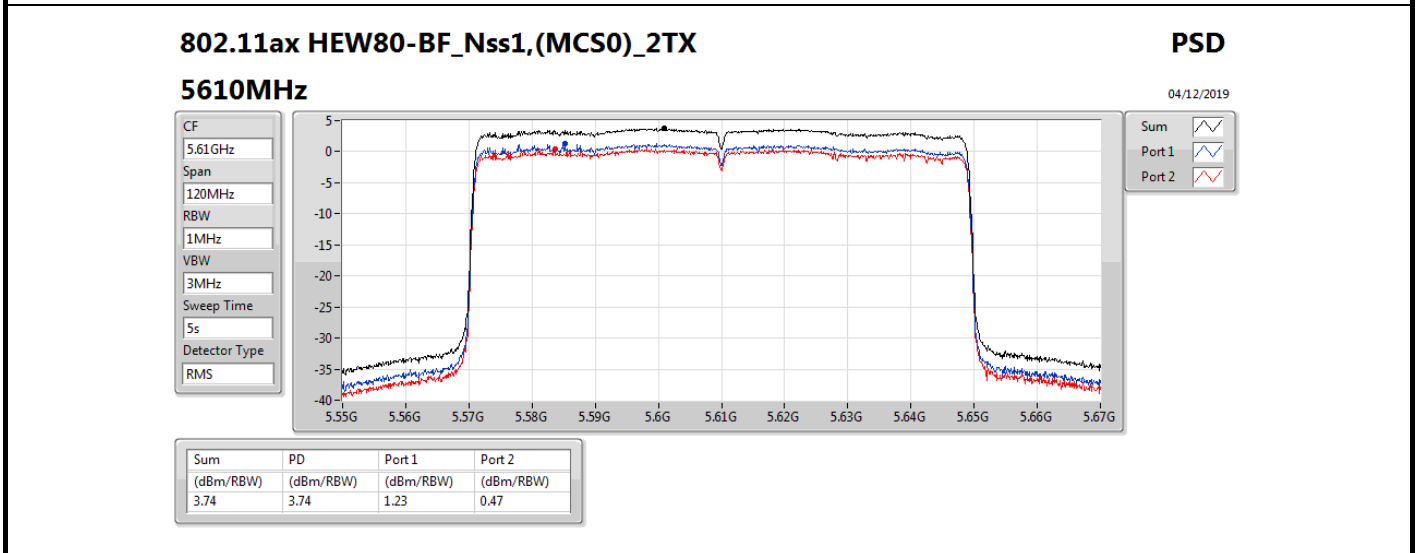
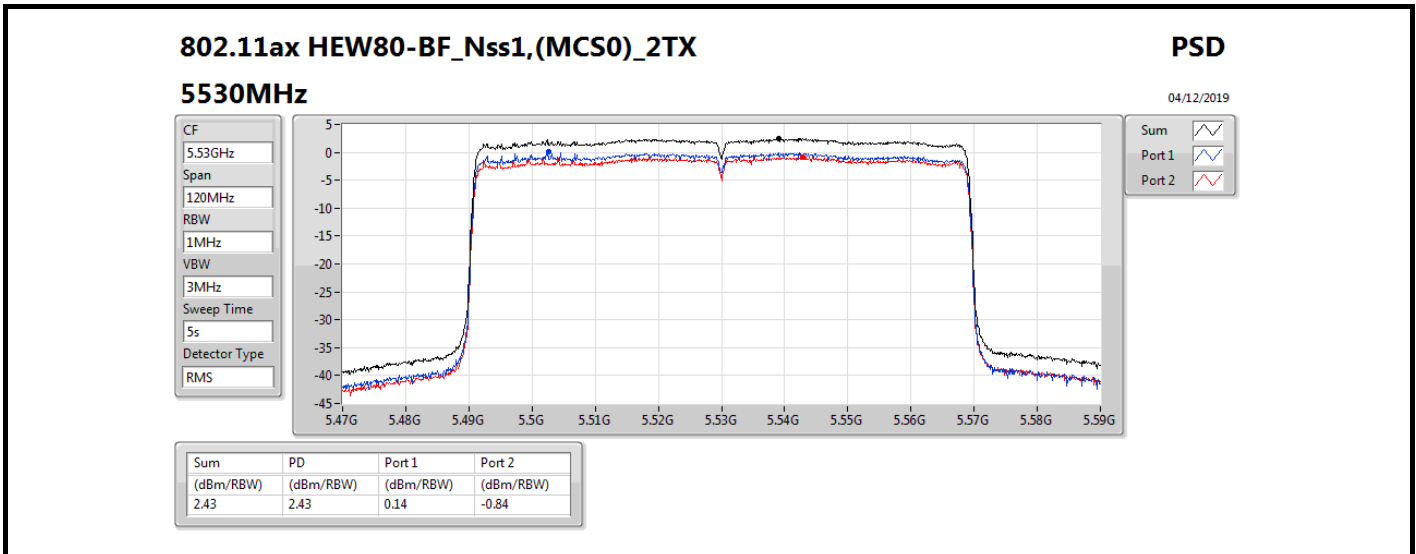
















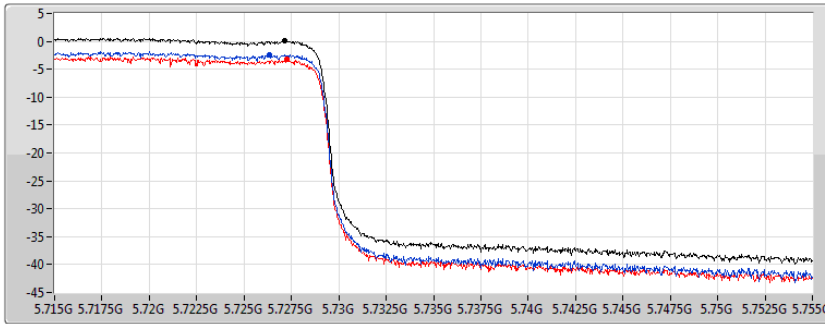
802.11ax HEW80-BF\_Nss1,(MCS0)\_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

04/12/2019

CF  
5.735GHz  
Span  
40MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
5s  
Detector Type  
RMS



Sum   
Port 1   
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.04	0.04	-2.41	-3.27



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-5.47	8.55
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-5.67	8.35
5.25-5.35GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	2.74	16.76
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	0.33	14.35
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-3.44	10.58
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-5.21	8.81
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	2.94	16.96
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.53	14.55
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-3.21	10.81
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-5.41	8.61
5.47-5.725GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	2.78	16.80
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	0.41	14.43
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-2.59	11.43
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-4.82	9.20
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	2.93	16.95
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	0.58	14.60
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-2.19	11.83
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-4.63	9.39
5.725-5.85GHz	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	0.50	14.52
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-2.26	11.76
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-6.25	7.77
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	0.57	14.59
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-2.28	11.74
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-6.27	7.75

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	14.02	-3.70	-2.91	-2.95	-3.74	2.48	2.98	16.50	17.00
5300MHz	Pass	14.02	-3.26	-2.77	-3.01	-3.15	2.70	2.98	16.72	17.00
5320MHz	Pass	14.02	-3.45	-2.68	-2.85	-3.36	2.74	2.98	16.76	17.00
5500MHz	Pass	14.02	-3.47	-2.45	-3.12	-3.34	2.76	2.98	16.78	17.00
5580MHz	Pass	14.02	-3.32	-2.82	-3.23	-3.11	2.75	2.98	16.77	17.00
5700MHz	Pass	14.02	-3.63	-3.11	-2.98	-3.05	2.78	2.98	16.80	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.93	-3.45	-3.19	-3.50	2.33	2.98	16.35	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	14.02	-5.70	-5.30	-5.05	-5.31	0.50	21.98	14.52	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	14.02	-5.91	-5.05	-5.46	-5.51	0.33	2.98	14.35	17.00
5310MHz	Pass	14.02	-8.11	-7.89	-8.03	-8.16	-2.39	2.98	11.63	17.00
5510MHz	Pass	14.02	-5.85	-5.00	-5.47	-5.98	0.24	2.98	14.26	17.00
5550MHz	Pass	14.02	-5.69	-5.07	-5.31	-5.44	0.41	2.98	14.43	17.00
5670MHz	Pass	14.02	-5.59	-5.47	-5.17	-5.39	0.37	2.98	14.39	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	14.02	-6.38	-6.04	-5.50	-5.87	-0.05	2.98	13.97	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	14.02	-7.83	-8.61	-7.82	-8.22	-2.26	21.98	11.76	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	14.02	-9.15	-8.97	-8.96	-9.38	-3.44	2.98	10.58	17.00
5530MHz	Pass	14.02	-9.10	-8.74	-9.14	-9.21	-3.23	2.98	10.79	17.00
5610MHz	Pass	14.02	-8.46	-8.43	-8.06	-7.56	-2.59	2.98	11.43	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	14.02	-9.08	-8.76	-9.00	-8.54	-3.17	2.98	10.85	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	14.02	-11.73	-13.07	-11.78	-12.26	-6.25	21.98	7.77	36.00
802.11ac VHT160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.02	-11.19	-11.45	-10.70	-10.98	-5.47	8.98	8.55	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	14.02	-10.79	-10.89	-10.82	-10.50	-5.21	2.98	8.81	17.00
5570MHz	Pass	14.02	-10.90	-9.67	-9.50	-9.77	-4.82	2.98	9.20	17.00
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	14.02	-3.50	-2.71	-2.73	-3.08	2.67	2.98	16.69	17.00
5300MHz	Pass	14.02	-3.25	-2.74	-2.87	-2.91	2.91	2.98	16.93	17.00
5320MHz	Pass	14.02	-3.42	-2.55	-2.79	-3.29	2.94	2.98	16.96	17.00
5500MHz	Pass	14.02	-3.09	-2.37	-3.08	-3.30	2.93	2.98	16.95	17.00
5580MHz	Pass	14.02	-3.32	-2.89	-3.16	-3.20	2.75	2.98	16.77	17.00
5700MHz	Pass	14.02	-3.42	-2.98	-2.92	-3.24	2.79	2.98	16.81	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.88	-3.35	-3.24	-3.60	2.34	2.98	16.36	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	14.02	-5.68	-5.23	-5.13	-5.52	0.57	21.98	14.59	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	14.02	-5.57	-4.78	-5.07	-5.52	0.53	2.98	14.55	17.00
5310MHz	Pass	14.02	-7.96	-7.43	-7.94	-7.98	-2.28	2.98	11.74	17.00
5510MHz	Pass	14.02	-5.28	-4.65	-5.12	-5.59	0.50	2.98	14.52	17.00
5550MHz	Pass	14.02	-5.44	-5.03	-5.24	-5.33	0.54	2.98	14.56	17.00
5670MHz	Pass	14.02	-5.60	-5.01	-5.01	-5.36	0.58	2.98	14.60	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	14.02	-5.89	-5.75	-5.61	-5.76	0.02	2.98	14.04	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	14.02	-7.73	-9.00	-7.58	-8.41	-2.28	21.98	11.74	36.00