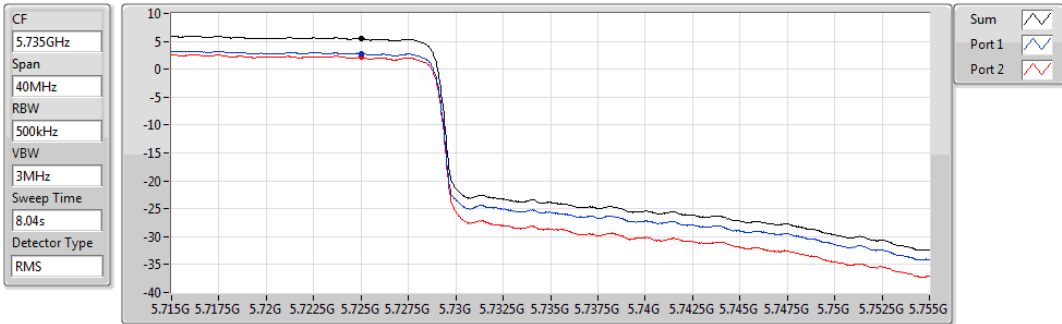


802.11ax HEW40_Nss2,(MCS0)_2TX
5710MHz Straddle 5.725-5.85GHz

PSD

05/11/2019

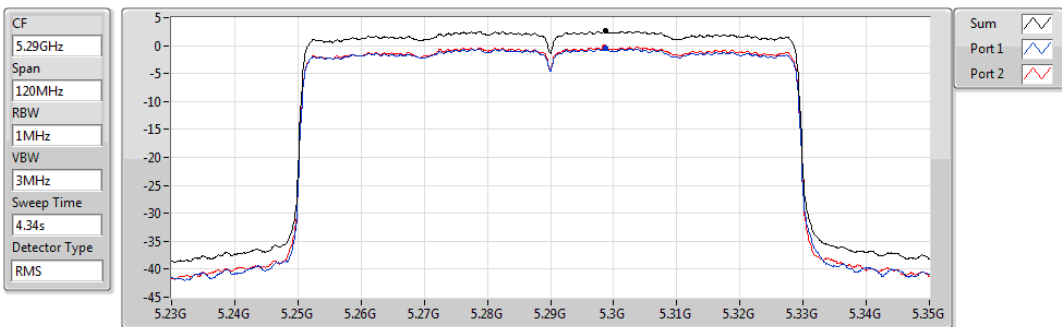


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.51	5.51	2.85	2.12

802.11ax HEW80_Nss2,(MCS0)_2TX
5290MHz

PSD

05/11/2019

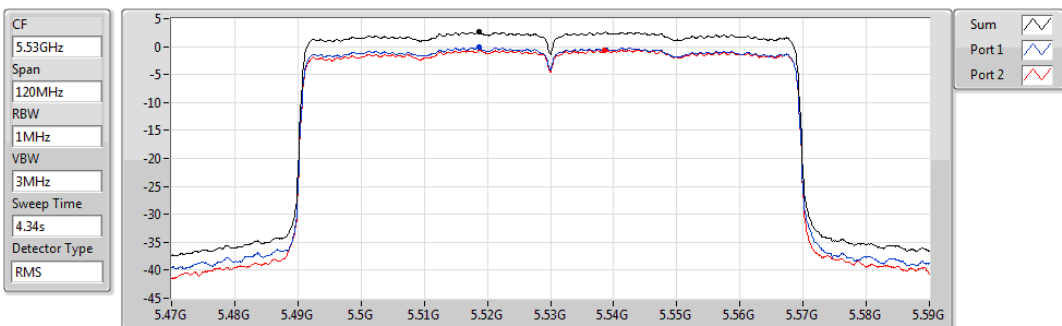


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.59	2.59	-0.56	-0.27

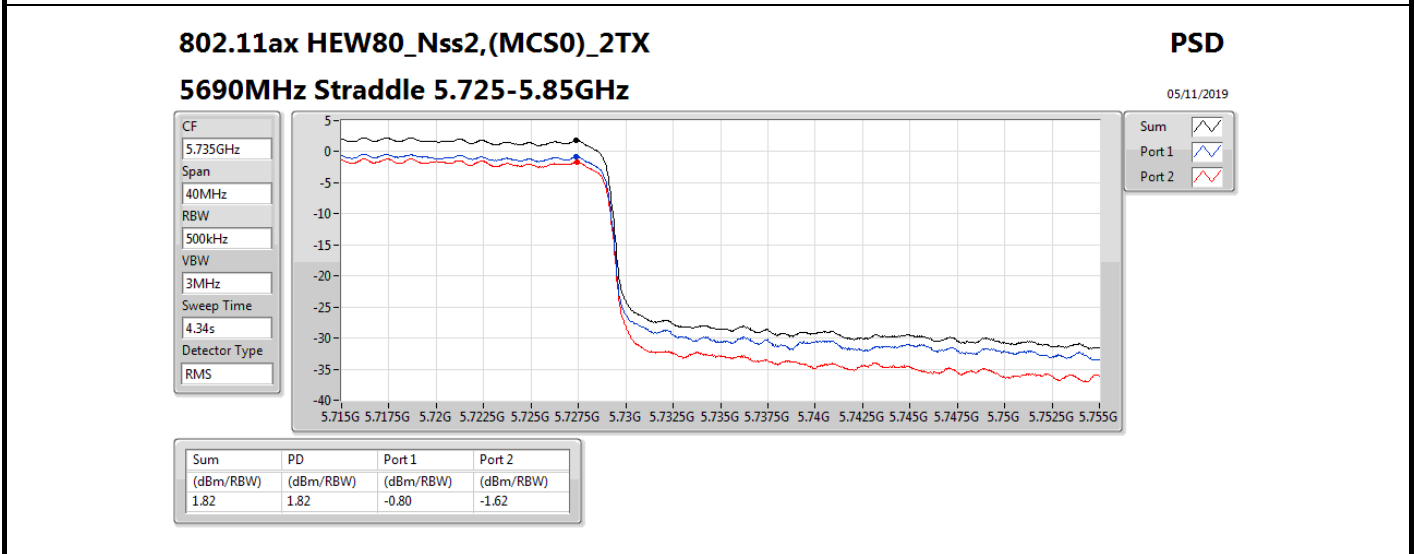
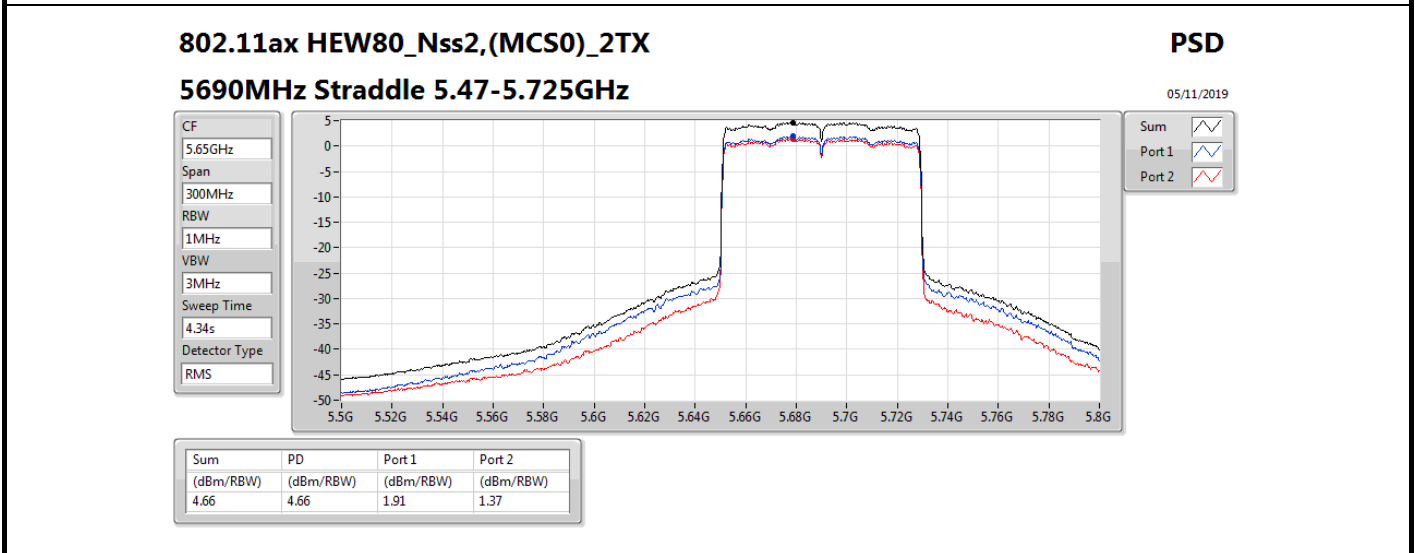
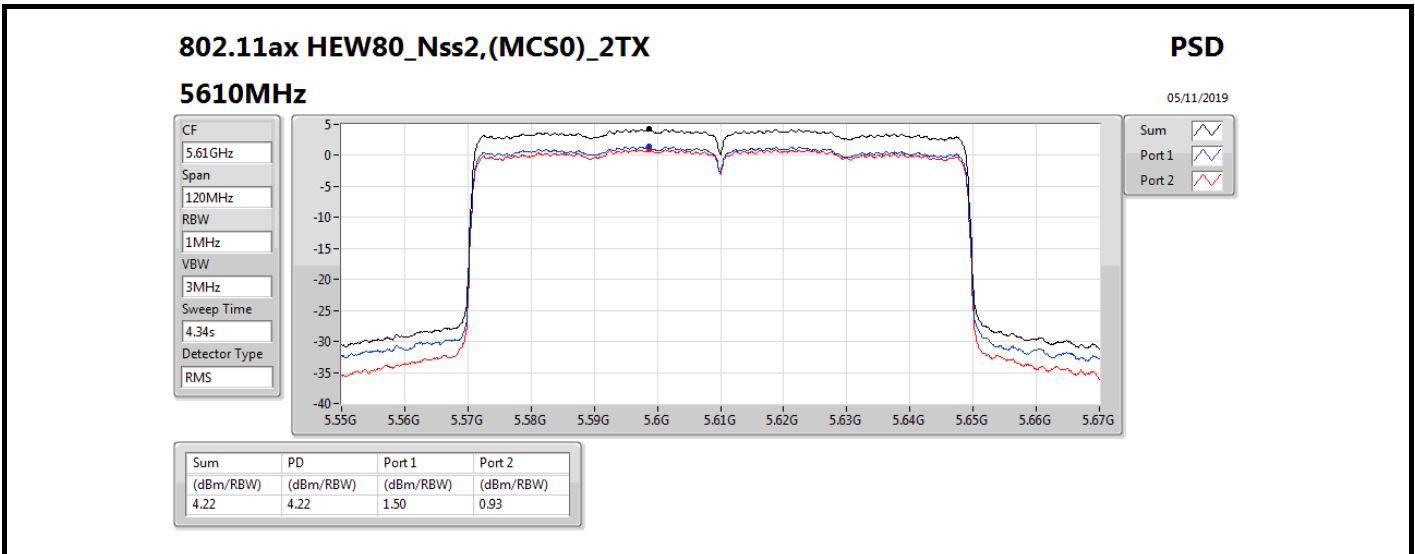
802.11ax HEW80_Nss2,(MCS0)_2TX
5530MHz

PSD

05/11/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.59	2.59	-0.14	-0.60





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss1,(MCS0)_1TX	-8.44	-0.44
802.11ax HEW160_Nss1,(MCS0)_1TX	-8.36	-0.36
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.04	16.04
802.11ac VHT20_Nss1,(MCS0)_1TX	8.16	16.16
802.11ac VHT40_Nss1,(MCS0)_1TX	4.95	12.95
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.93	7.07
802.11ac VHT160_Nss1,(MCS0)_1TX	-9.36	-1.36
802.11ax HEW20_Nss1,(MCS0)_1TX	7.89	15.89
802.11ax HEW40_Nss1,(MCS0)_1TX	4.95	12.95
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.91	7.09
802.11ax HEW160_Nss1,(MCS0)_1TX	-9.17	-1.17
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.78	16.78
802.11ac VHT20_Nss1,(MCS0)_1TX	8.89	16.89
802.11ac VHT40_Nss1,(MCS0)_1TX	5.45	13.45
802.11ac VHT80_Nss1,(MCS0)_1TX	1.67	9.67
802.11ac VHT160_Nss1,(MCS0)_1TX	-9.06	-1.06
802.11ax HEW20_Nss1,(MCS0)_1TX	8.78	16.78
802.11ax HEW40_Nss1,(MCS0)_1TX	5.36	13.36
802.11ax HEW80_Nss1,(MCS0)_1TX	1.71	9.71
802.11ax HEW160_Nss1,(MCS0)_1TX	-8.76	-0.76
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	7.07	15.07
802.11ac VHT20_Nss1,(MCS0)_1TX	7.17	15.17
802.11ac VHT40_Nss1,(MCS0)_1TX	3.35	11.35
802.11ac VHT80_Nss1,(MCS0)_1TX	-1.12	6.88
802.11ax HEW20_Nss1,(MCS0)_1TX	7.01	15.01
802.11ax HEW40_Nss1,(MCS0)_1TX	3.34	11.34
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.79	7.21

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



Result

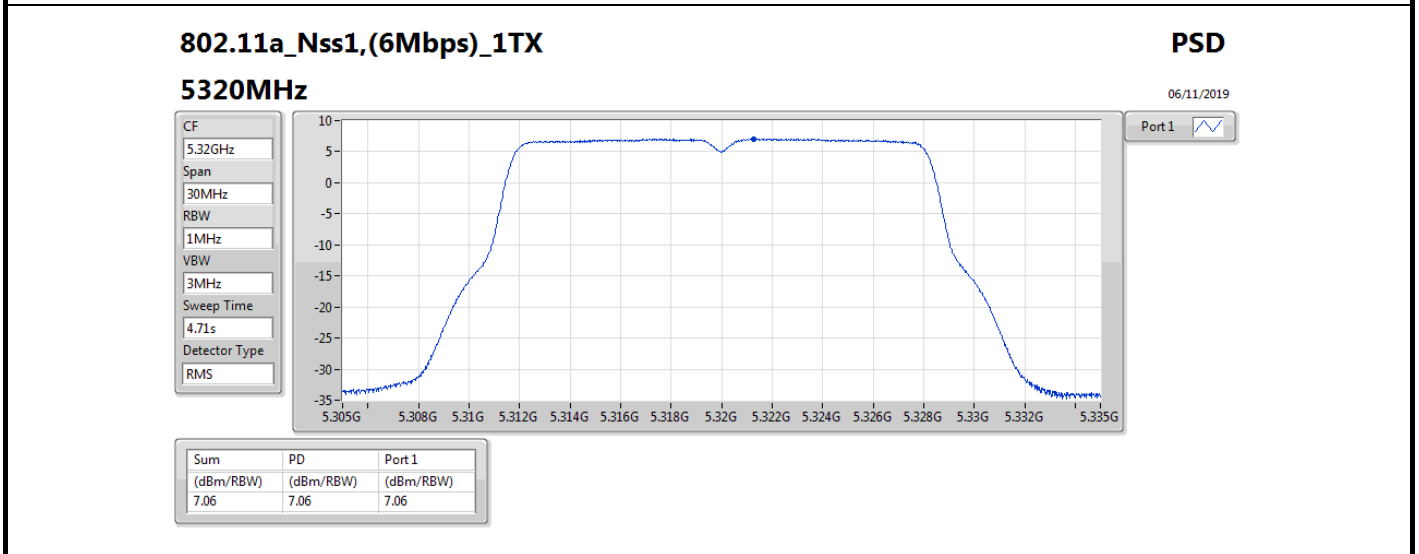
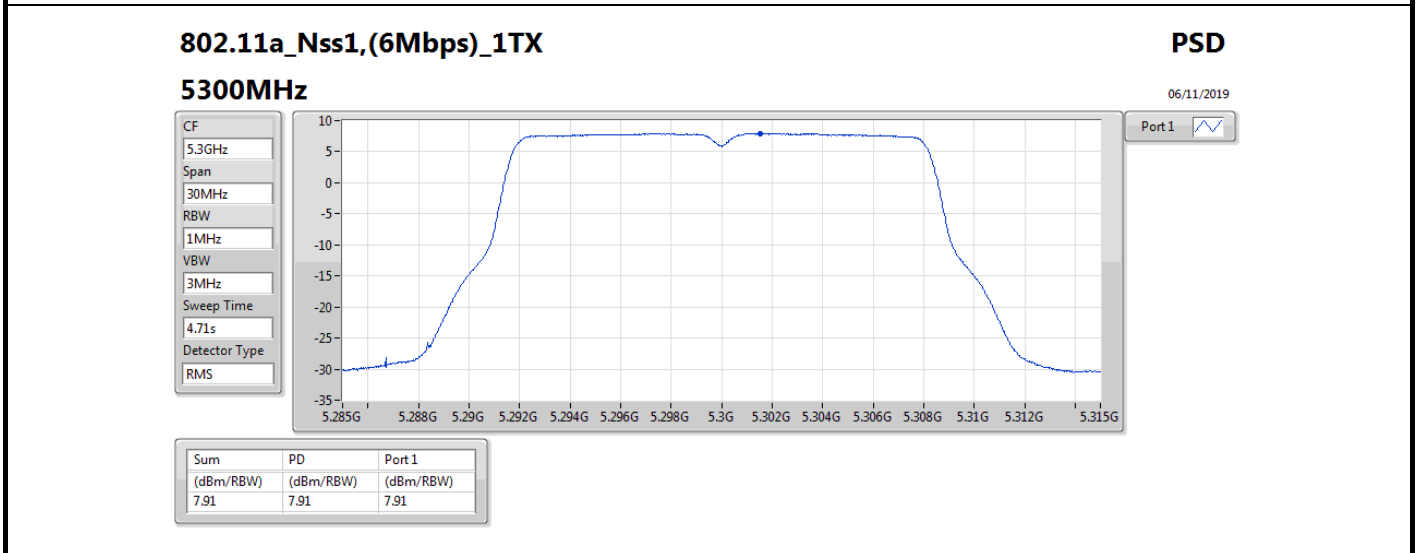
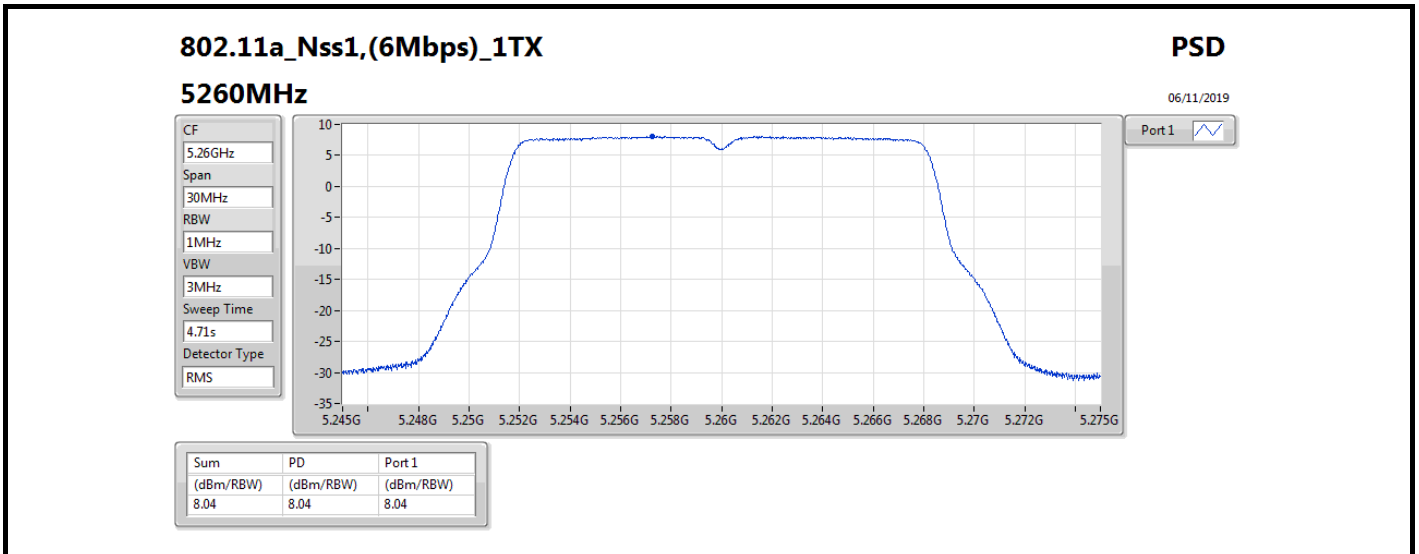
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	8.04	8.04	9.00	16.04	17.00
5300MHz	Pass	8.00	7.91	7.91	9.00	15.91	17.00
5320MHz	Pass	8.00	7.06	7.06	9.00	15.06	17.00
5500MHz	Pass	8.00	2.34	2.34	9.00	10.34	17.00
5580MHz	Pass	8.00	7.75	7.75	9.00	15.75	17.00
5700MHz	Pass	8.00	2.79	2.79	9.00	10.79	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	8.78	8.78	9.00	16.78	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	7.07	7.07	28.00	15.07	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	8.16	8.16	9.00	16.16	17.00
5300MHz	Pass	8.00	7.63	7.63	9.00	15.63	17.00
5320MHz	Pass	8.00	6.08	6.08	9.00	14.08	17.00
5500MHz	Pass	8.00	3.39	3.39	9.00	11.39	17.00
5580MHz	Pass	8.00	7.98	7.98	9.00	15.98	17.00
5700MHz	Pass	8.00	0.39	0.39	9.00	8.39	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	8.89	8.89	9.00	16.89	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	7.17	7.17	28.00	15.17	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	8.00	4.95	4.95	9.00	12.95	17.00
5310MHz	Pass	8.00	1.63	1.63	9.00	9.63	17.00
5510MHz	Pass	8.00	-2.07	-2.07	9.00	5.93	17.00
5550MHz	Pass	8.00	4.05	4.05	9.00	12.05	17.00
5670MHz	Pass	8.00	0.24	0.24	9.00	8.24	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	5.45	5.45	9.00	13.45	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	3.35	3.35	28.00	11.35	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	8.00	-0.93	-0.93	9.00	7.07	17.00
5530MHz	Pass	8.00	-4.17	-4.17	9.00	3.83	17.00
5610MHz	Pass	8.00	-1.03	-1.03	9.00	6.97	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	1.67	1.67	9.00	9.67	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-1.12	-1.12	28.00	6.88	36.00
802.11ac VHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	-8.44	-8.44	15.00	-0.44	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	-9.36	-9.36	9.00	-1.36	17.00
5570MHz	Pass	8.00	-9.06	-9.06	9.00	-1.06	17.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	8.00	7.89	7.89	9.00	15.89	17.00
5300MHz	Pass	8.00	7.59	7.59	9.00	15.59	17.00
5320MHz	Pass	8.00	6.04	6.04	9.00	14.04	17.00
5500MHz	Pass	8.00	3.32	3.32	9.00	11.32	17.00
5580MHz	Pass	8.00	7.78	7.78	9.00	15.78	17.00
5700MHz	Pass	8.00	0.36	0.36	9.00	8.36	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	8.78	8.78	9.00	16.78	17.00

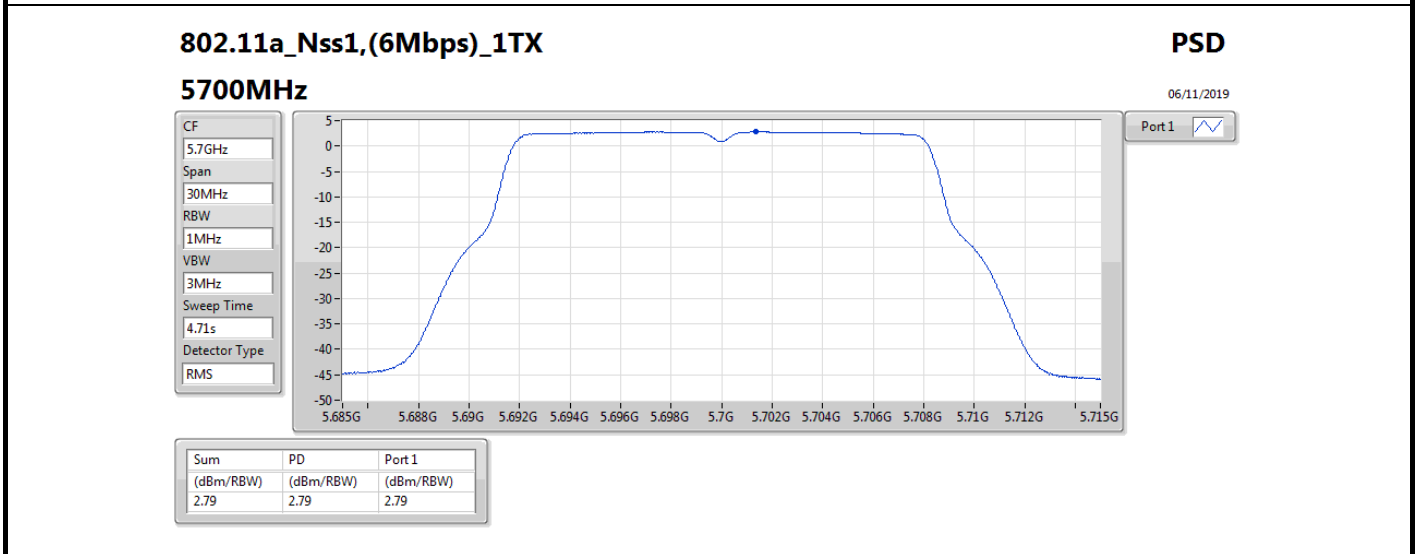
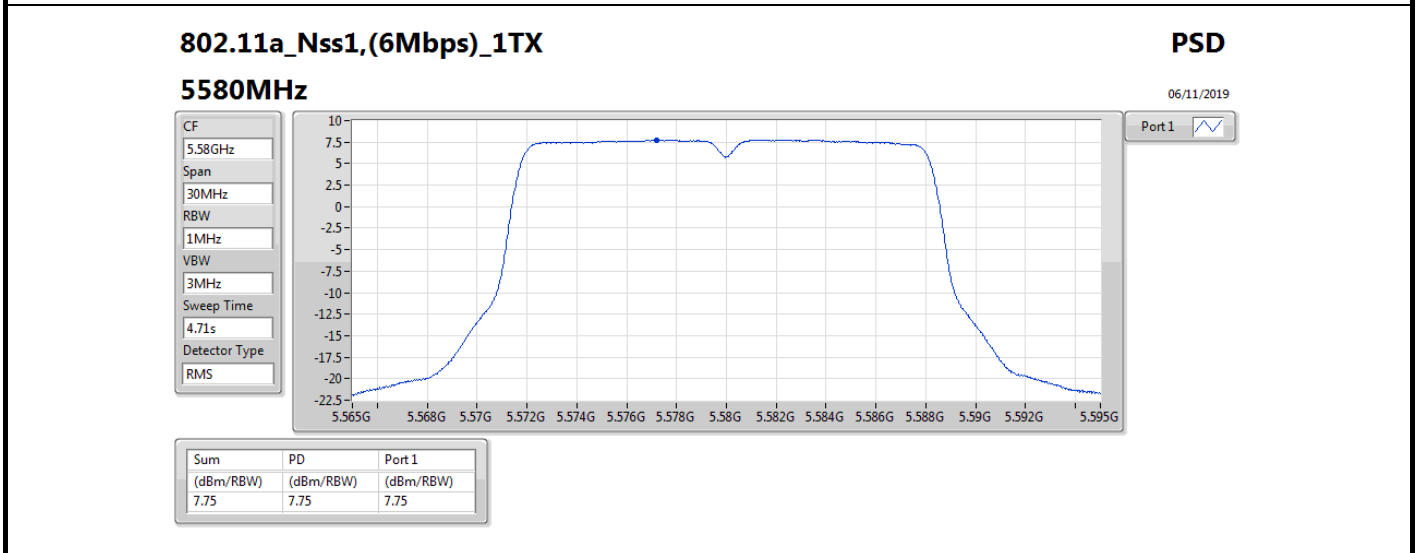
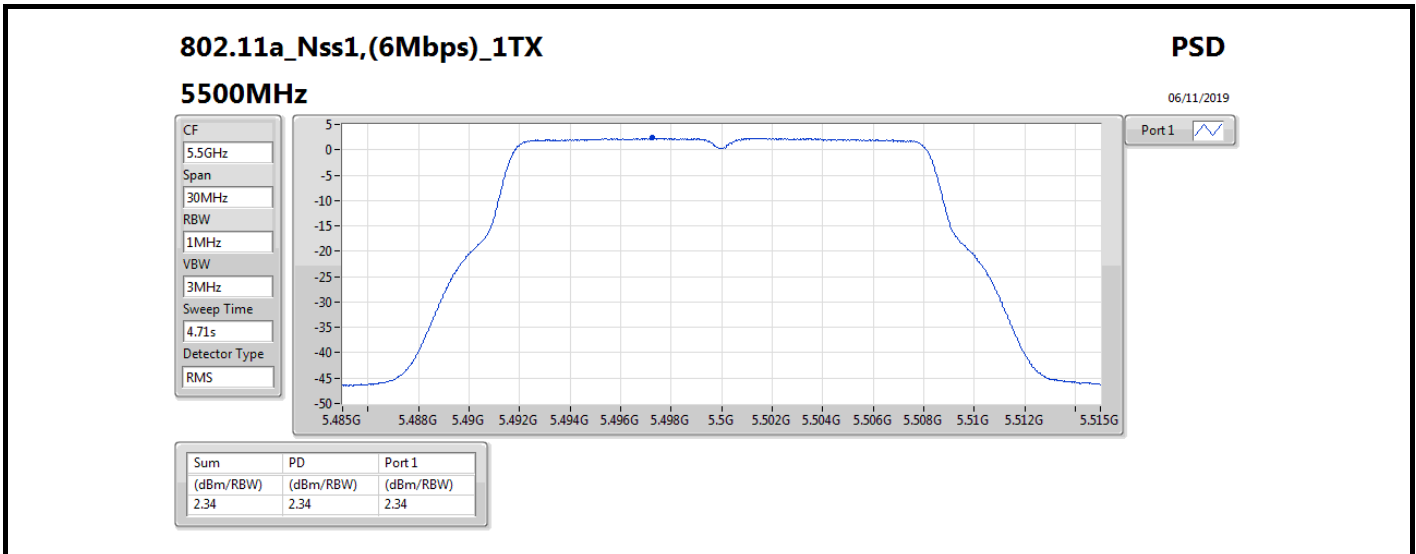


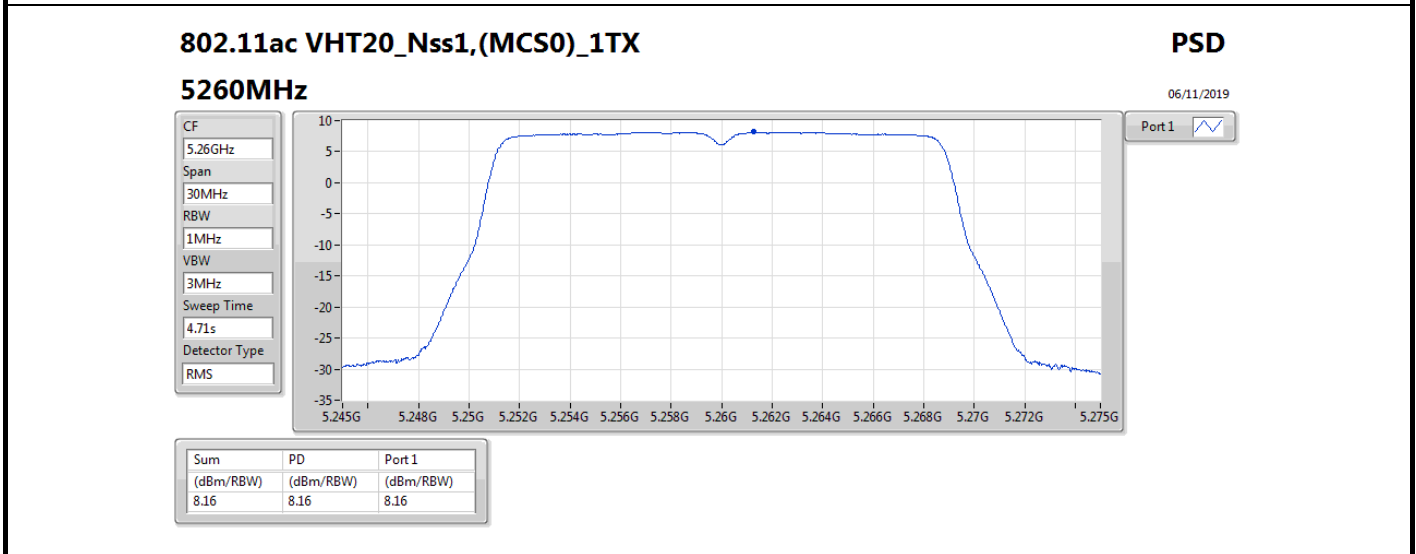
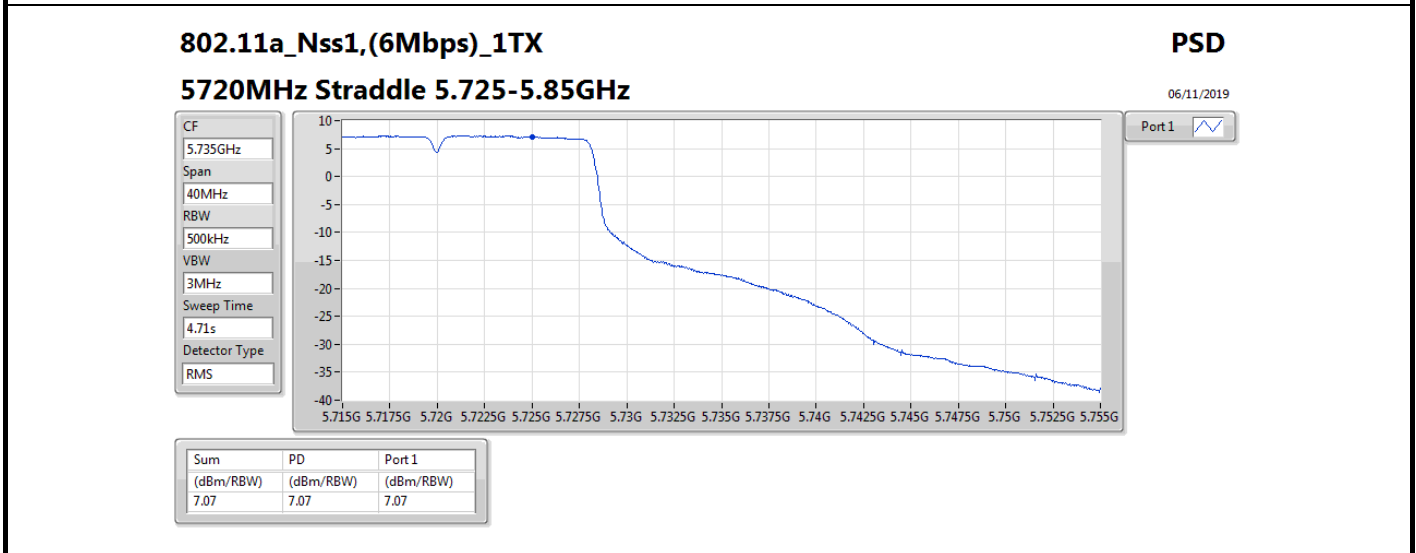
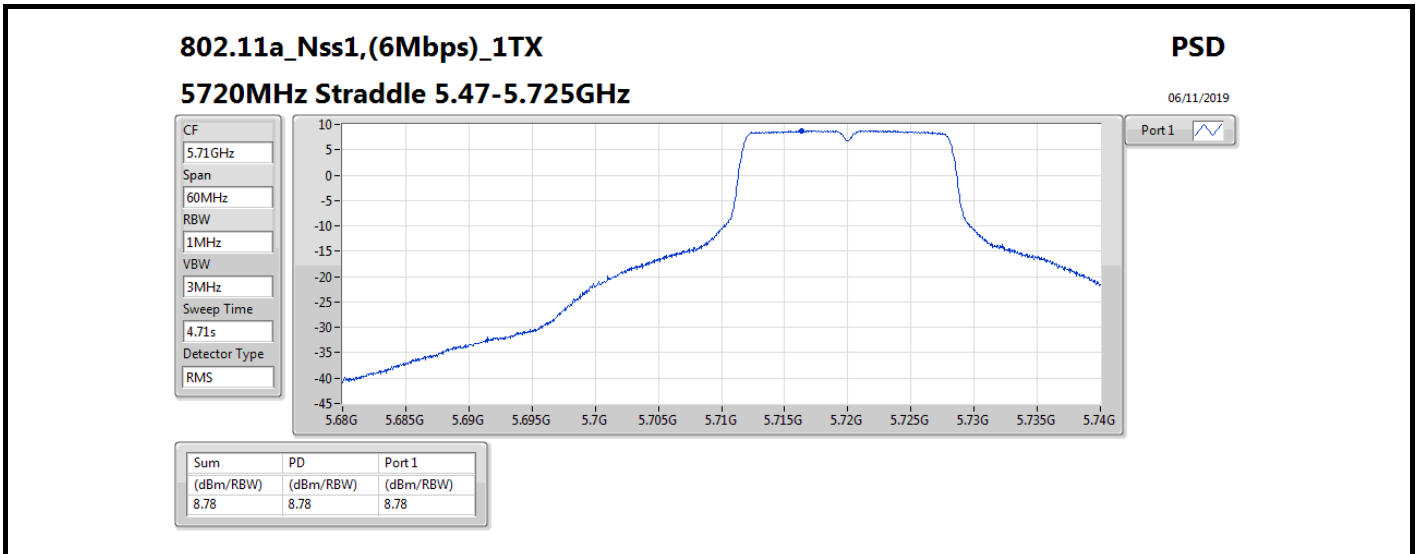
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	7.01	7.01	28.00	15.01	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	8.00	4.95	4.95	9.00	12.95	17.00
5310MHz	Pass	8.00	1.76	1.76	9.00	9.76	17.00
5510MHz	Pass	8.00	-2.09	-2.09	9.00	5.91	17.00
5550MHz	Pass	8.00	4.07	4.07	9.00	12.07	17.00
5670MHz	Pass	8.00	0.32	0.32	9.00	8.32	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	5.36	5.36	9.00	13.36	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	3.34	3.34	28.00	11.34	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	8.00	-0.91	-0.91	9.00	7.09	17.00
5530MHz	Pass	8.00	-4.21	-4.21	9.00	3.79	17.00
5610MHz	Pass	8.00	-0.90	-0.90	9.00	7.10	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	1.71	1.71	9.00	9.71	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-0.79	-0.79	28.00	7.21	36.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	-8.36	-8.36	15.00	-0.36	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	-9.17	-9.17	9.00	-1.17	17.00
5570MHz	Pass	8.00	-8.76	-8.76	9.00	-0.76	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;







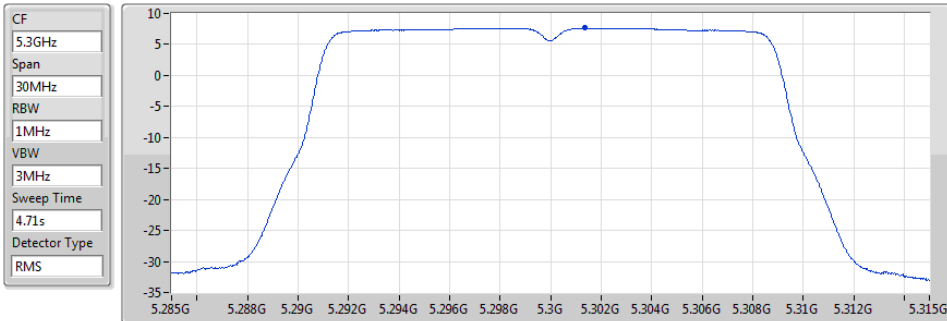


802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5300MHz

06/11/2019



Port 1

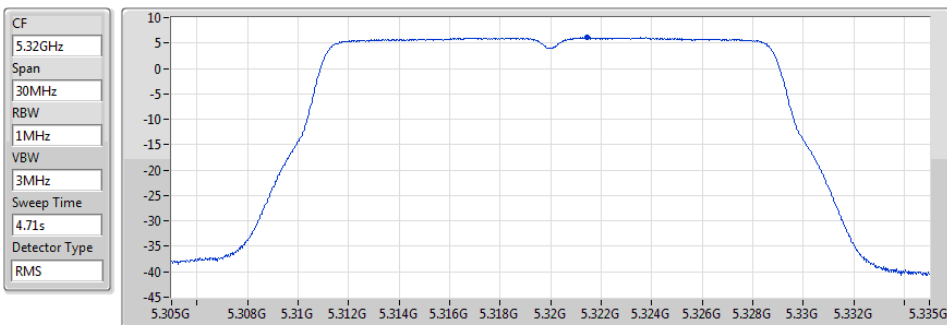
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.63	7.63	7.63

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

5320MHz

06/11/2019



Port 1

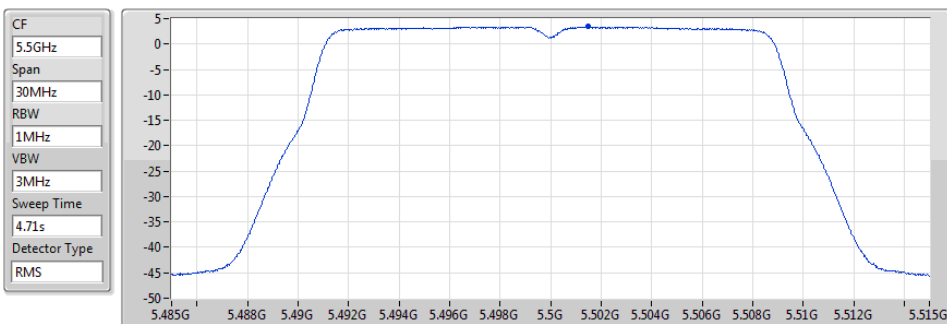
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.08	6.08	6.08

802.11ac VHT20_Nss1,(MCS0)_1TX

PSD

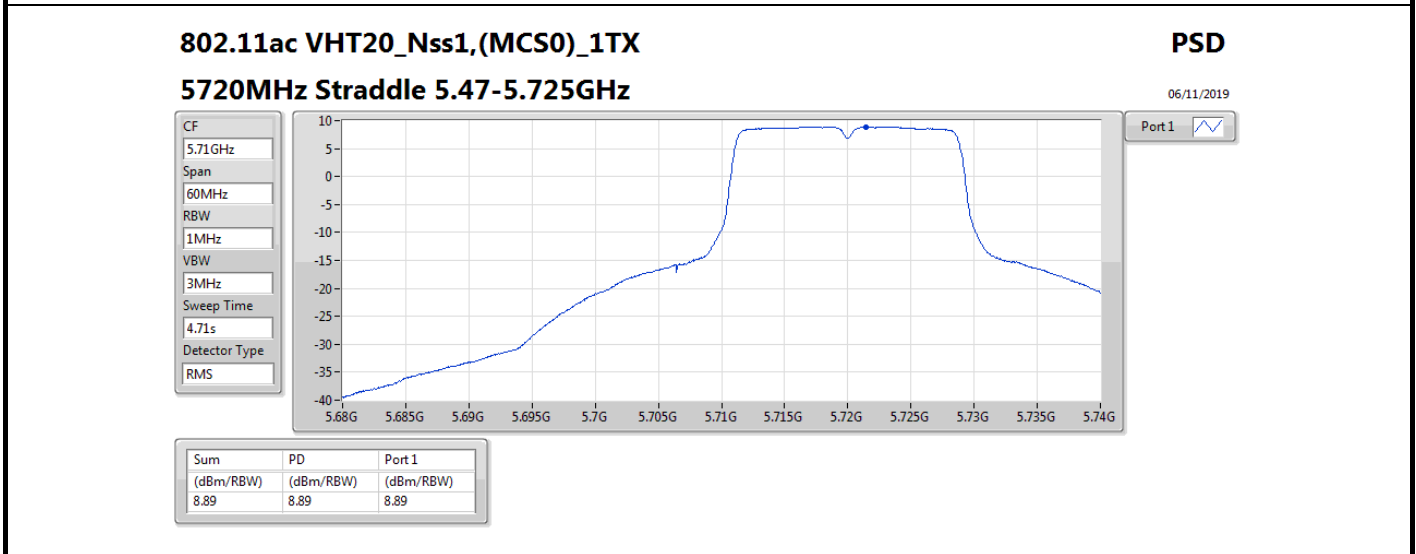
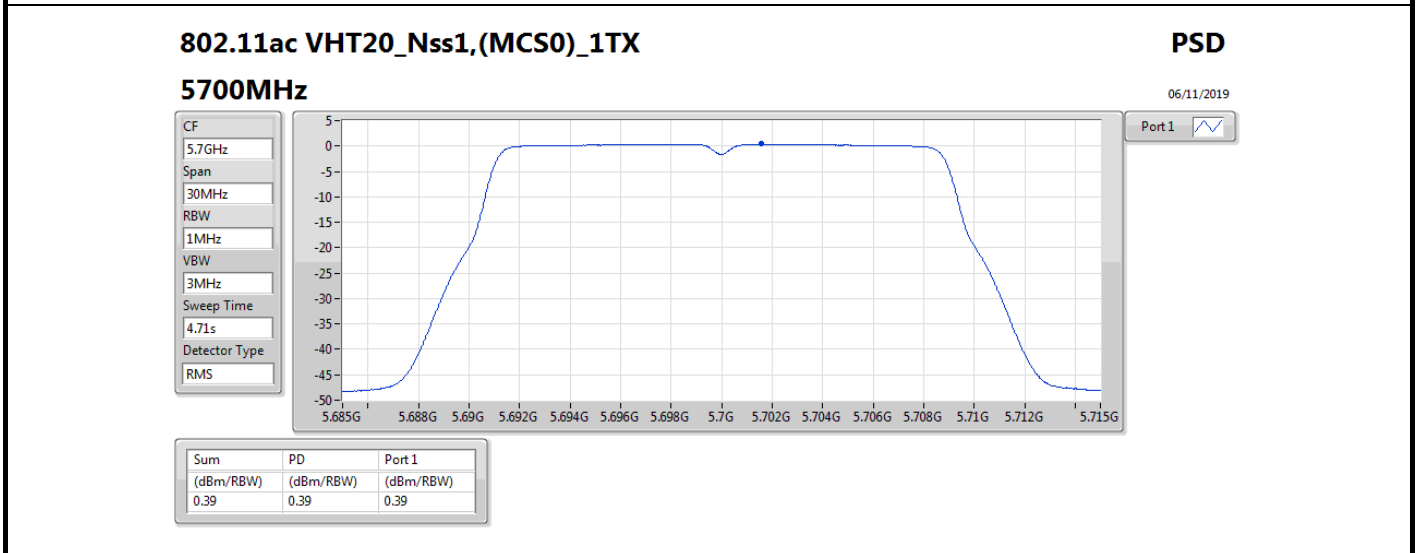
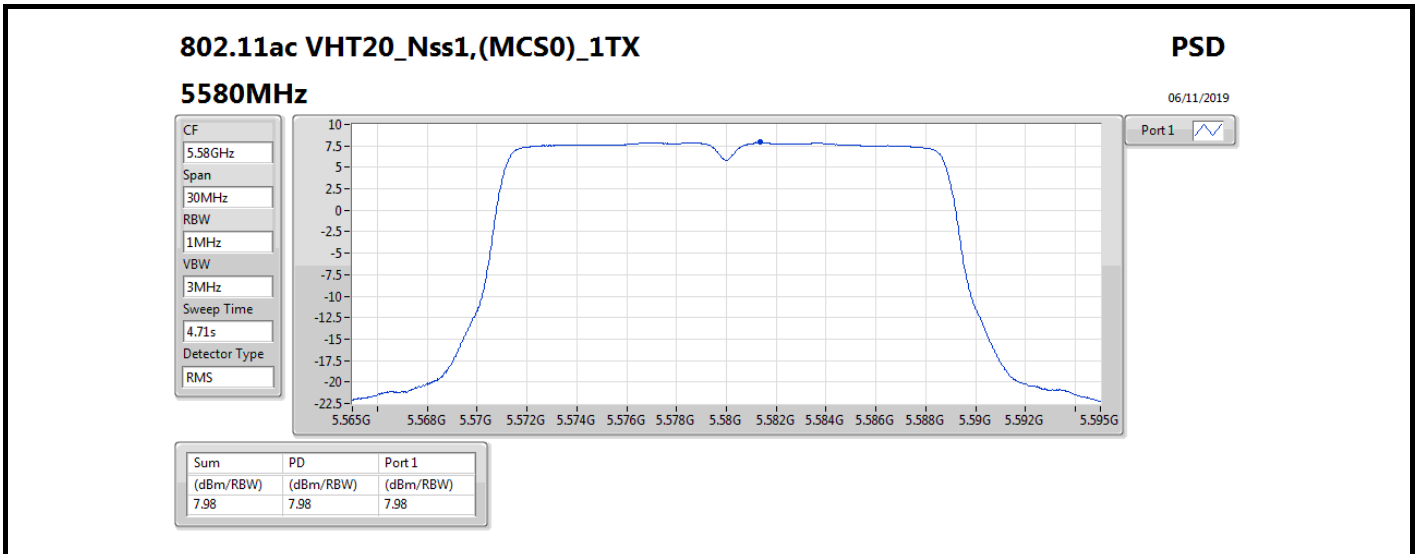
5500MHz

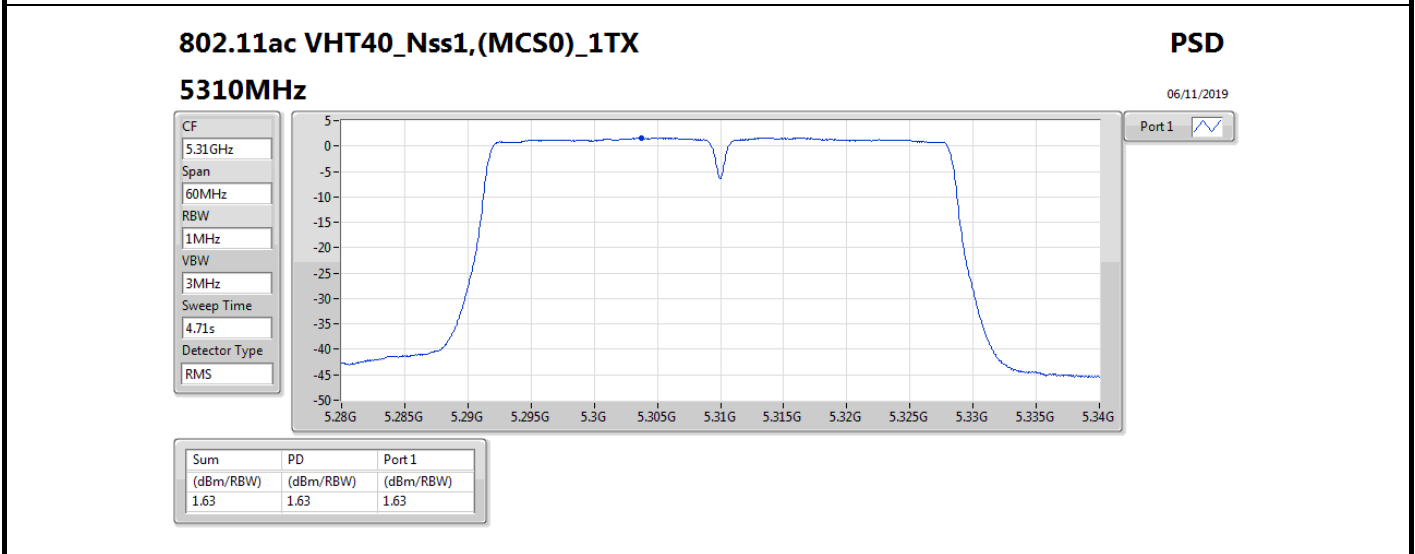
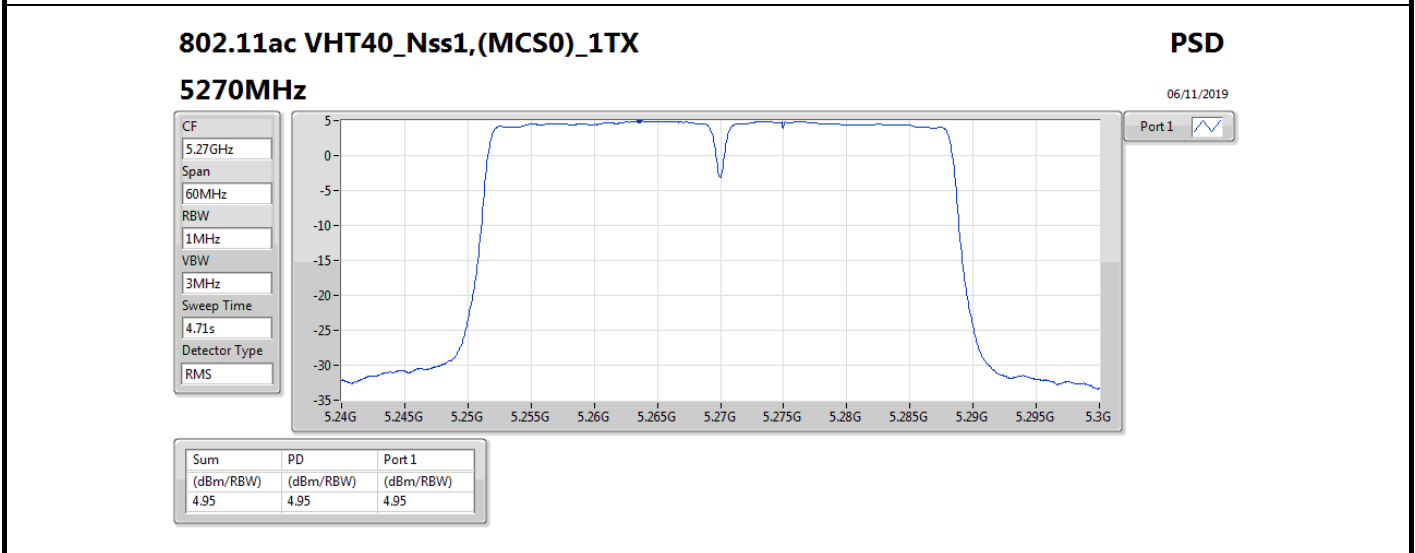
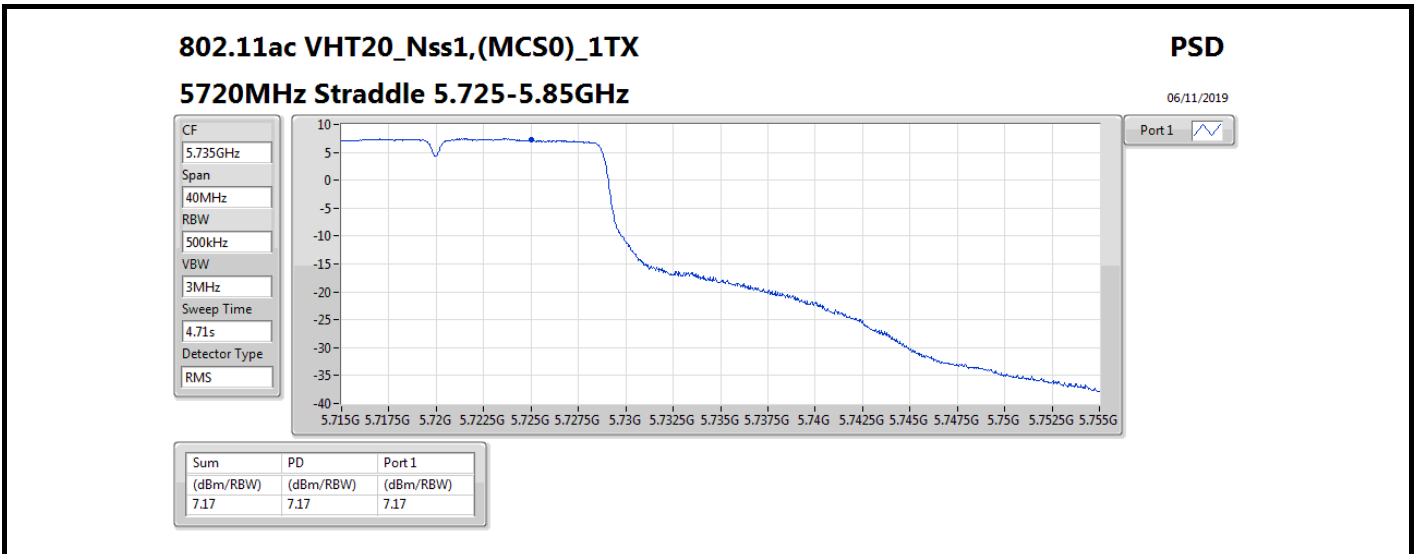
06/11/2019

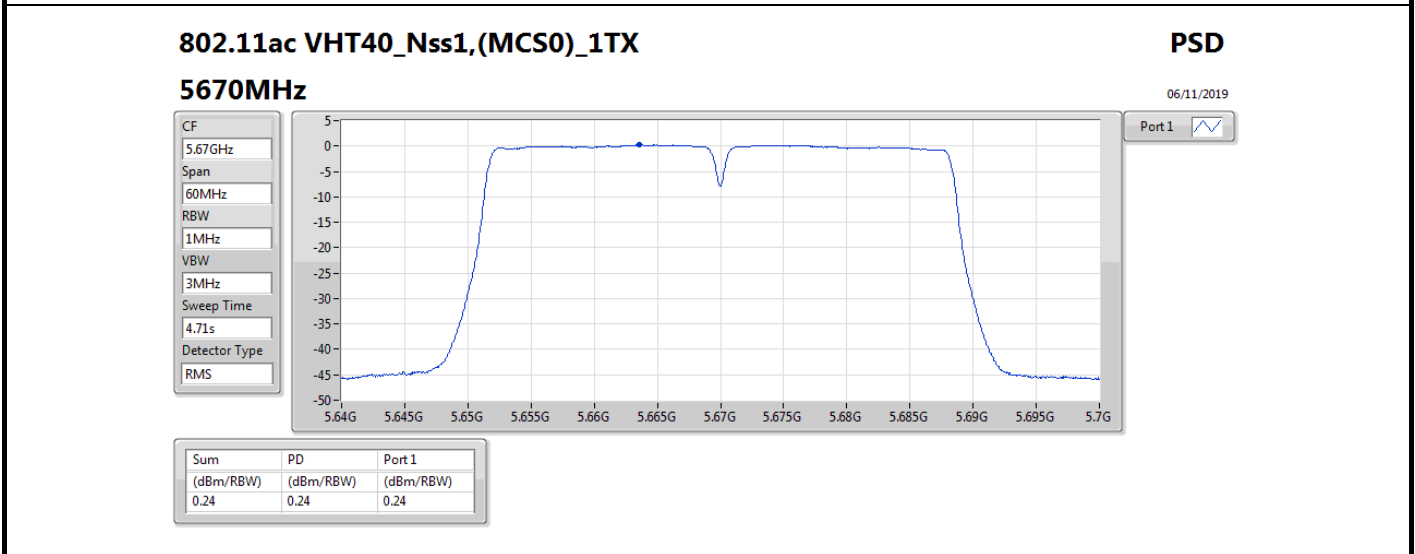
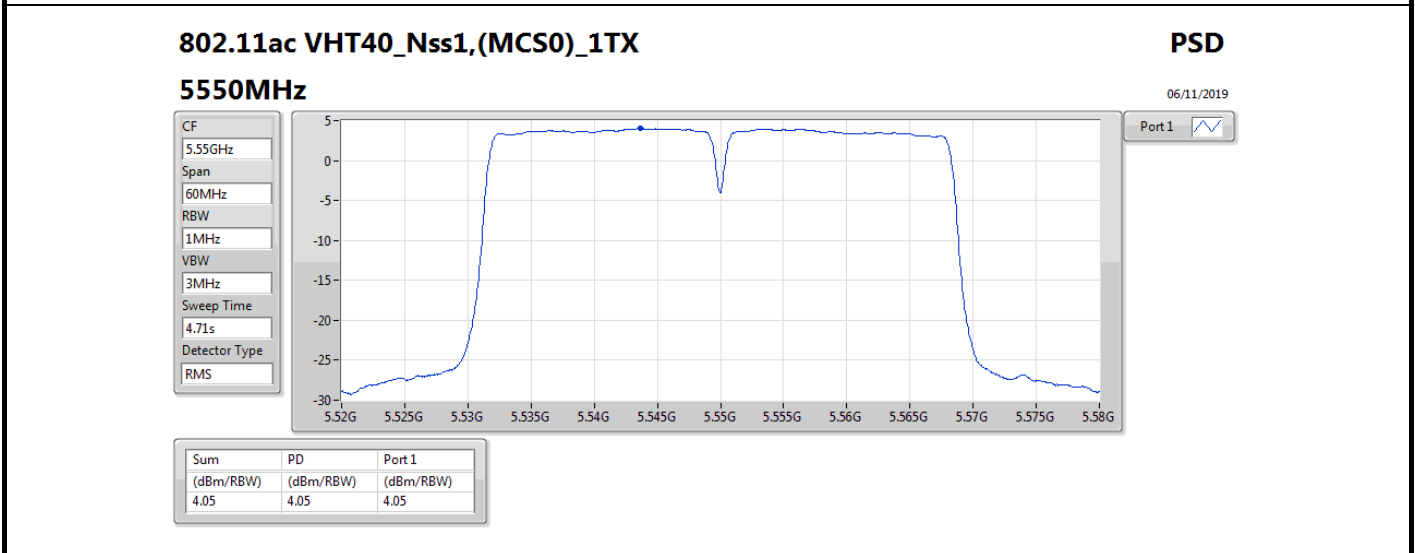
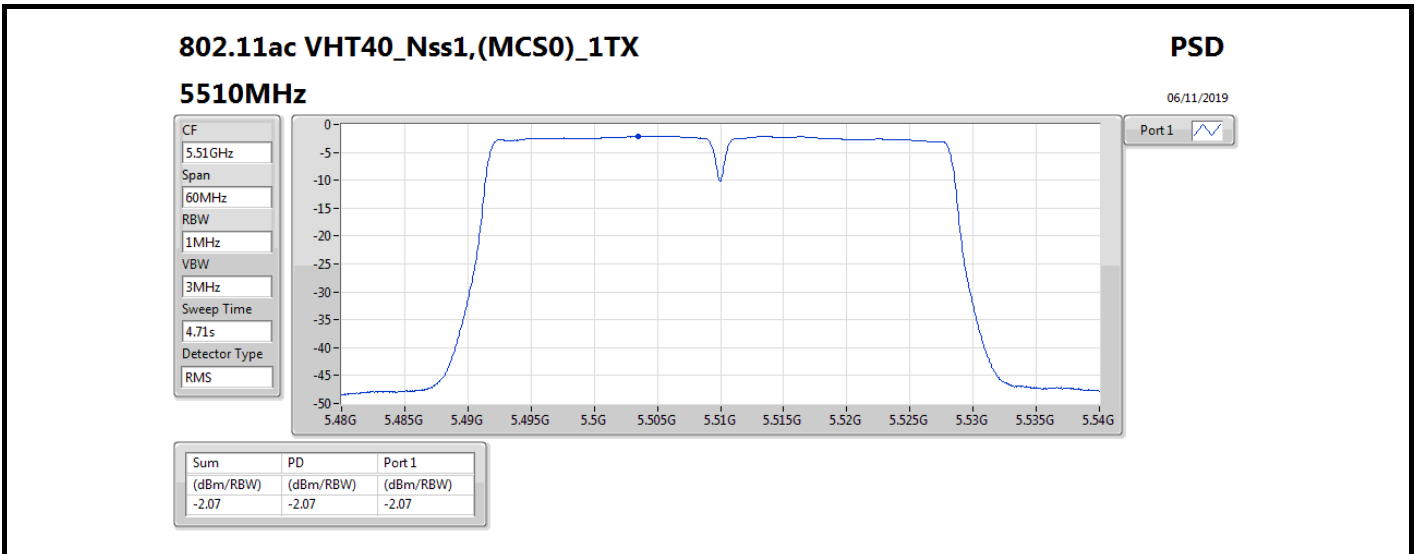


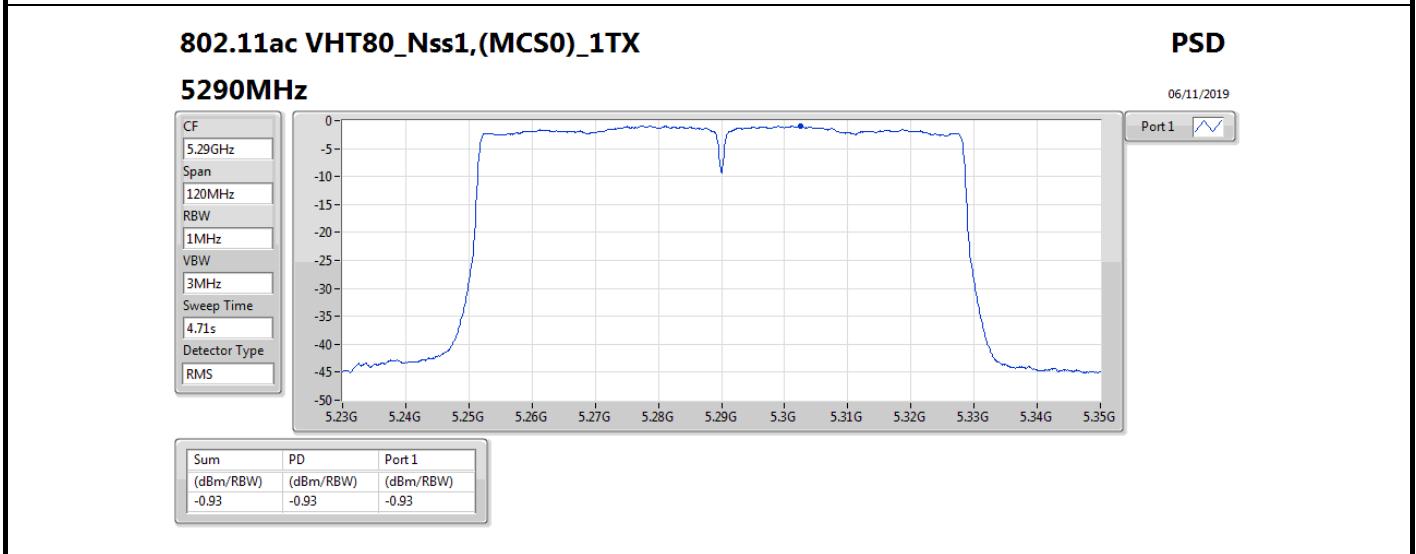
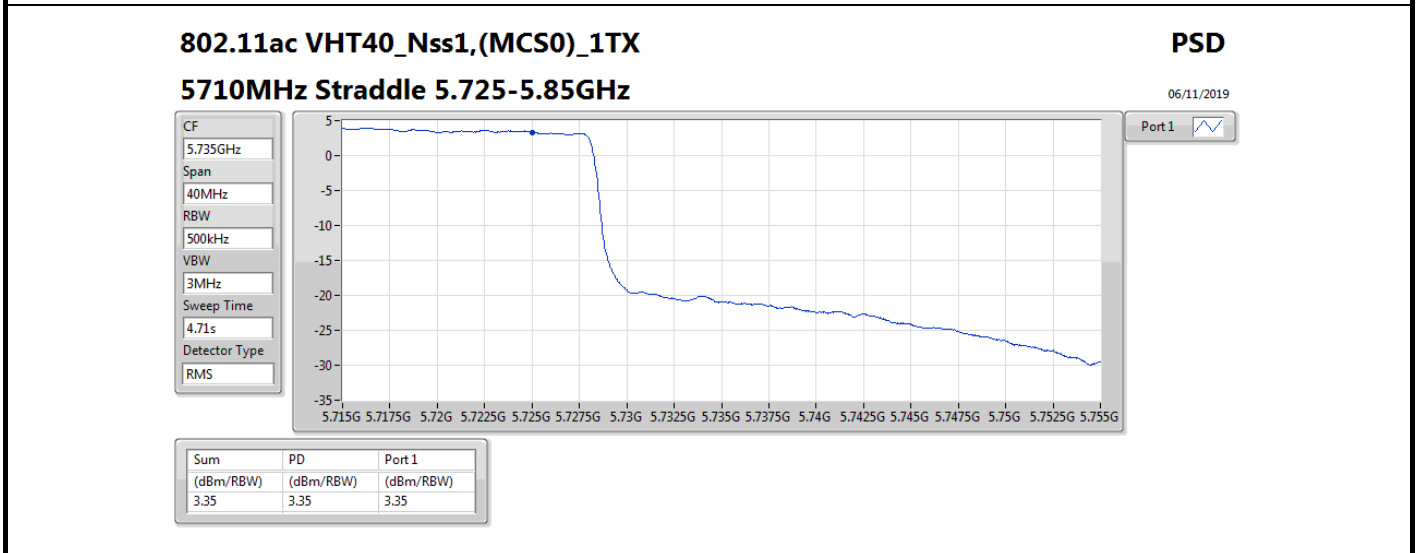
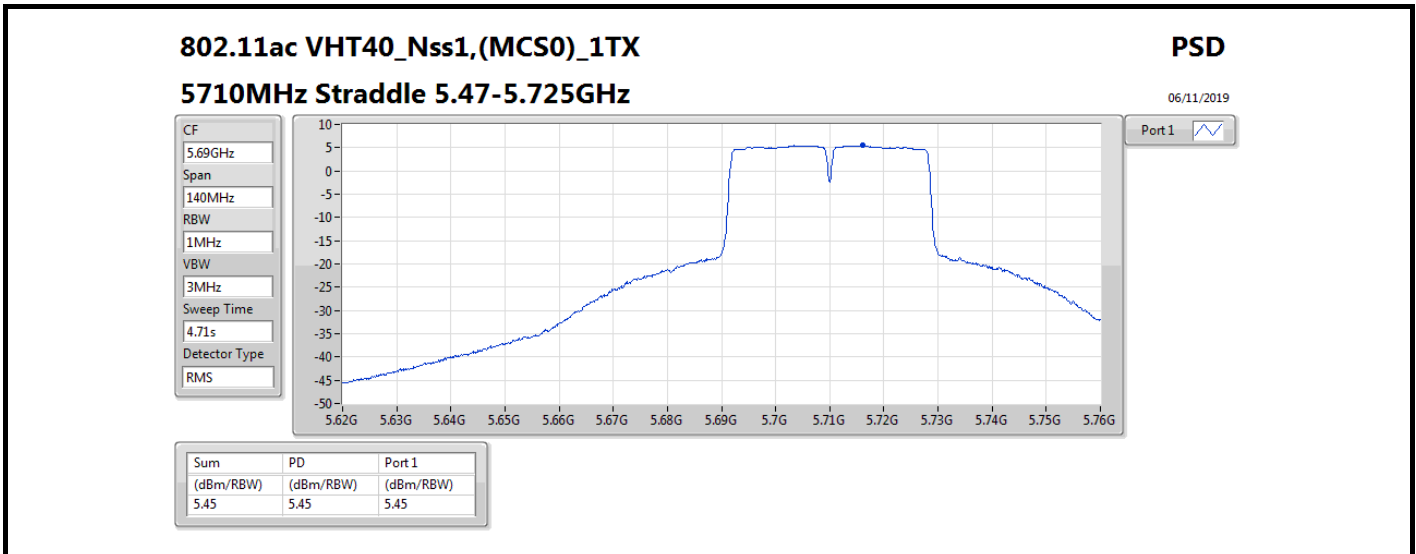
Port 1

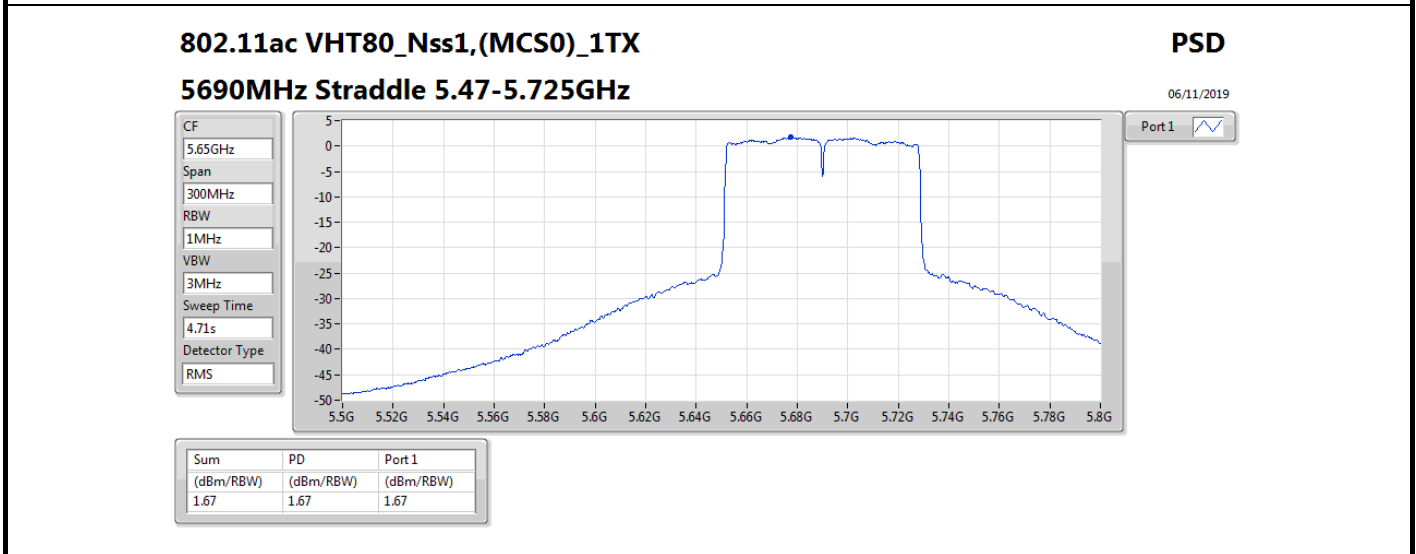
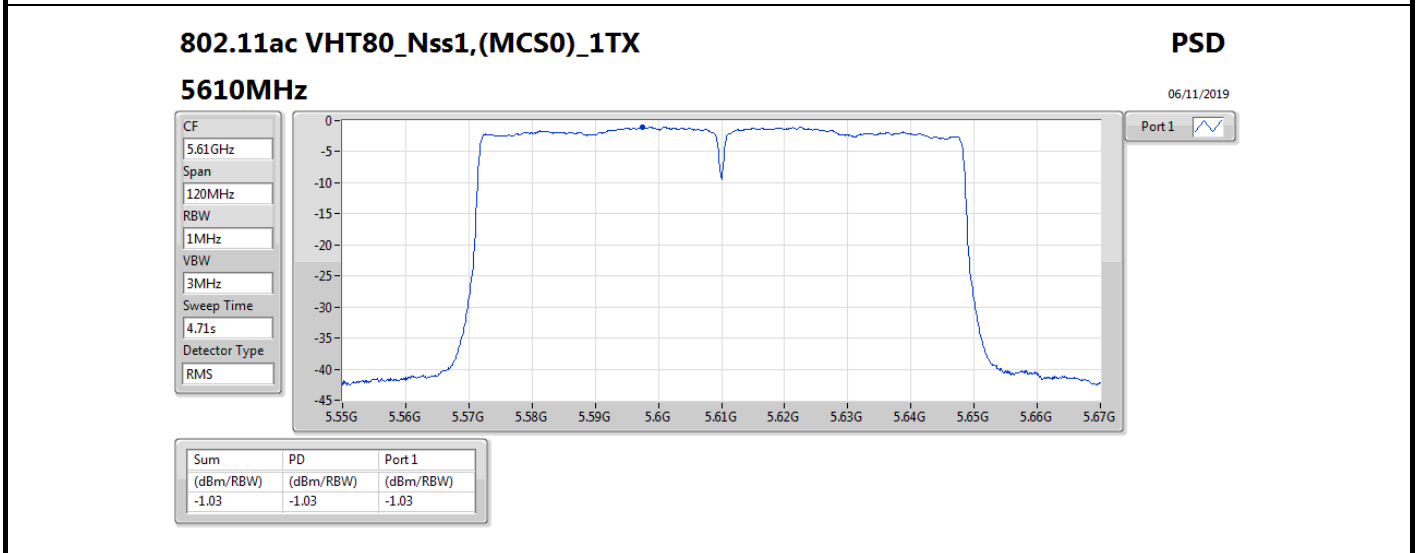
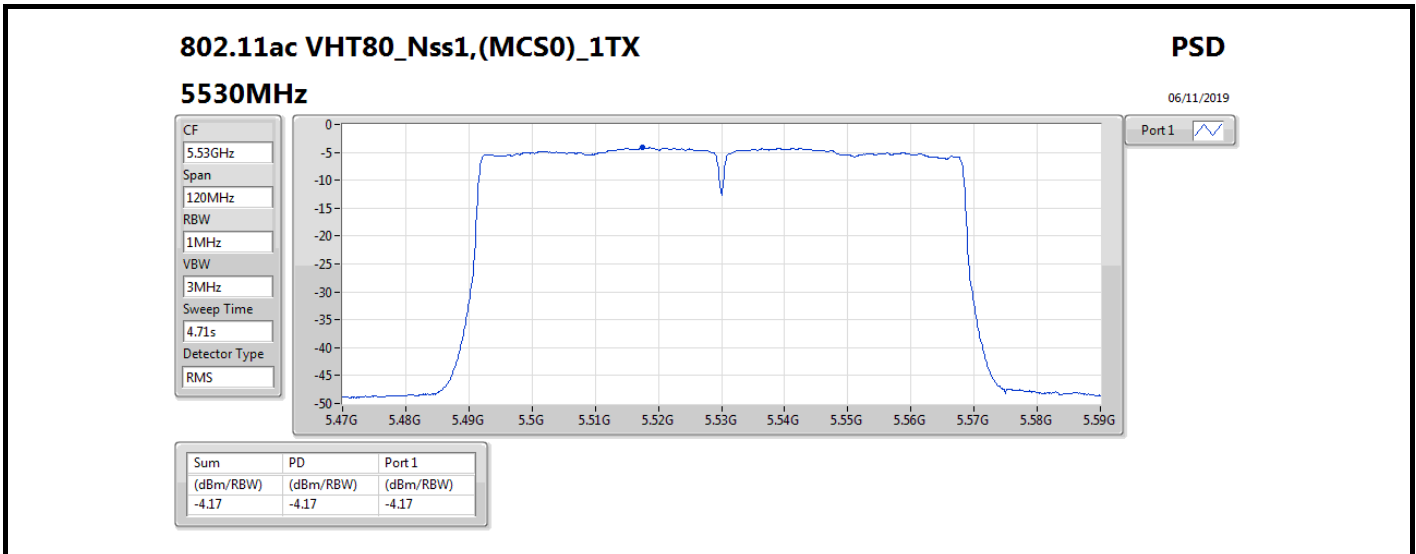
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.39	3.39	3.39













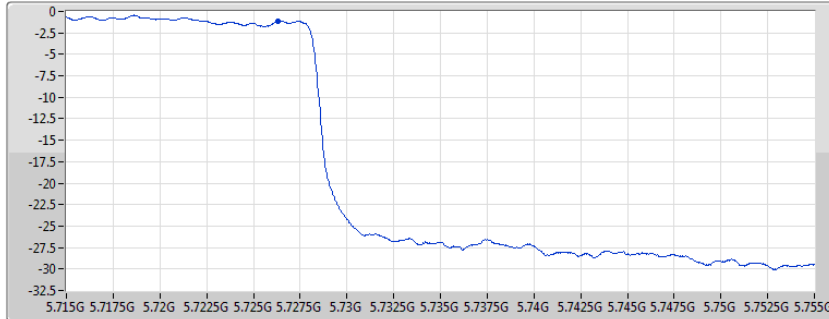
802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

06/11/2019

CF 5.735GHz
Span 40MHz
RBW 500kHz
VBW 3MHz
Sweep Time 4.71s
Detector Type RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.12	-1.12	-1.12

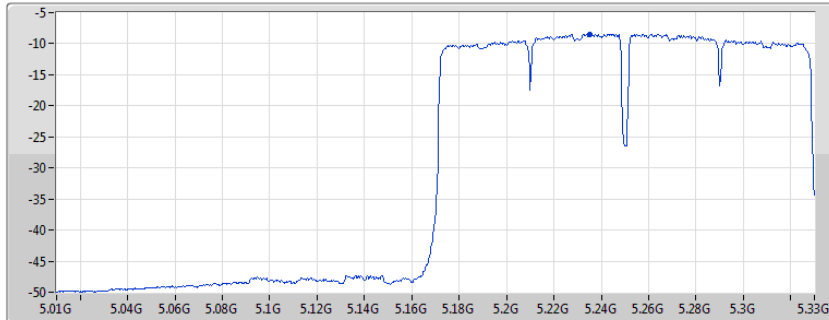
802.11ac VHT160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.15-5.25GHz

04/12/2019

CF 5.17GHz
Span 320MHz
RBW 1MHz
VBW 3MHz
Sweep Time 4.71s
Detector Type RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.44	-8.44	-8.44

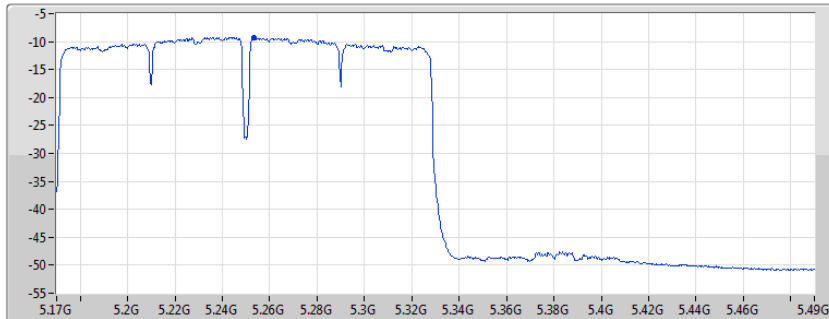
802.11ac VHT160_Nss1,(MCS0)_1TX

PSD

5250MHz Straddle 5.25-5.35GHz

06/11/2019

CF 5.33GHz
Span 320MHz
RBW 1MHz
VBW 3MHz
Sweep Time 4.71s
Detector Type RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.36	-9.36	-9.36



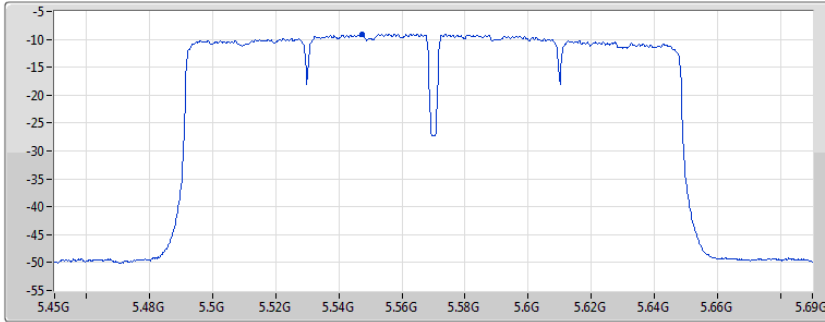
802.11ac VHT160_Nss1,(MCS0)_1TX

PSD

5570MHz

06/11/2019

CF
5.57GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.06	-9.06	-9.06

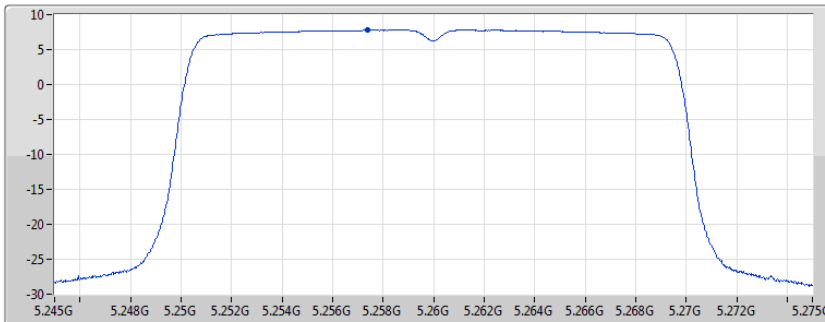
802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

06/11/2019

CF
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
Detector Type
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.89	7.89	7.89

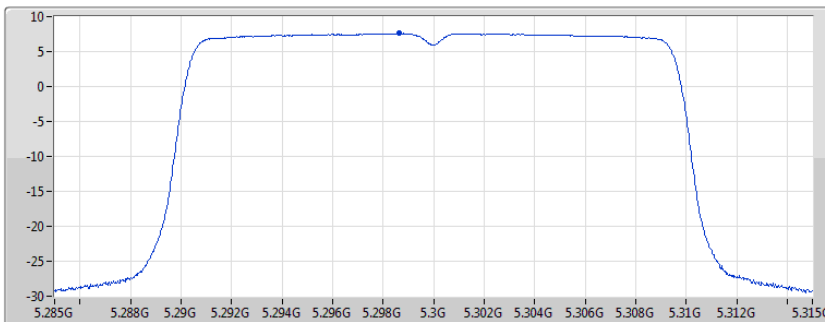
802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

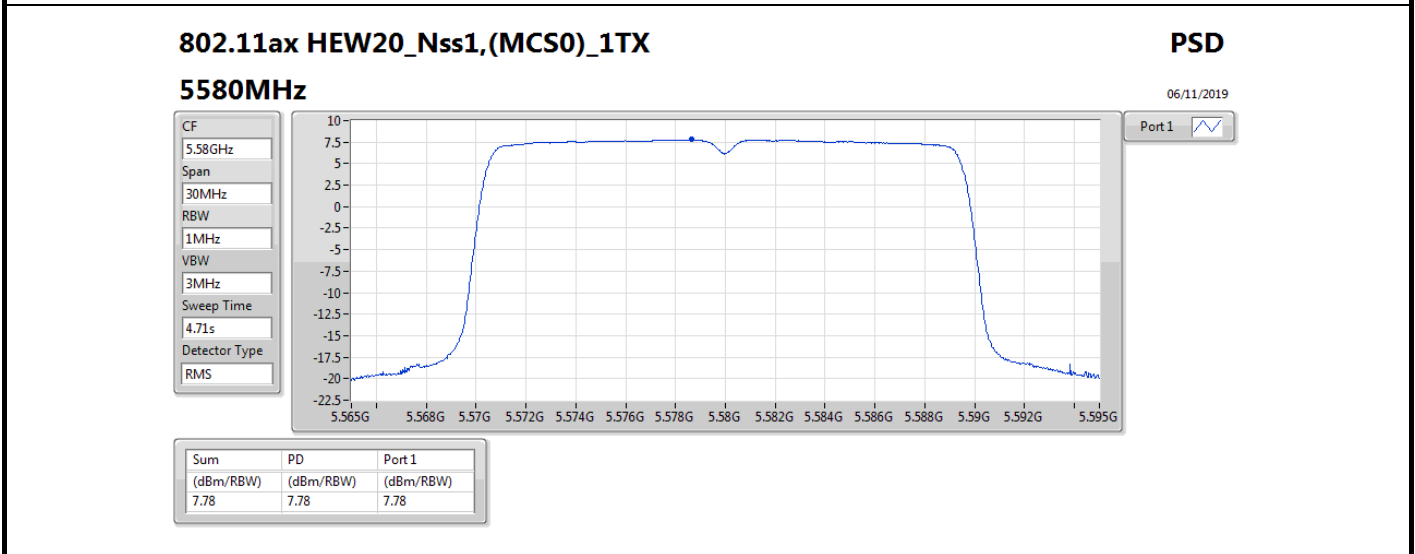
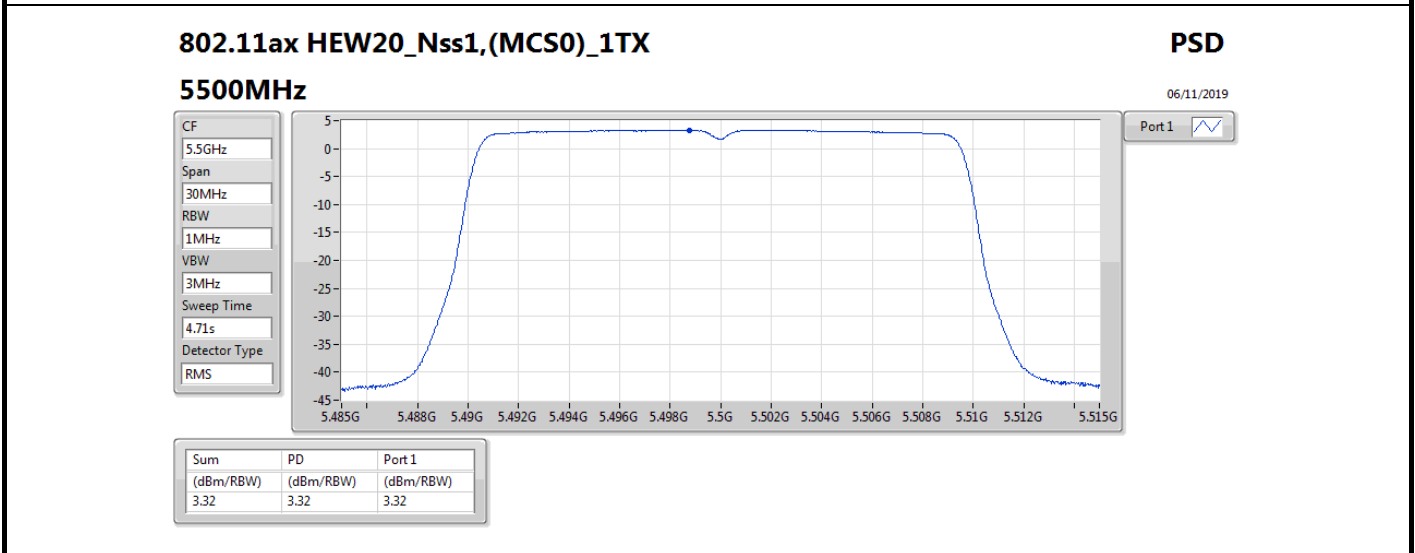
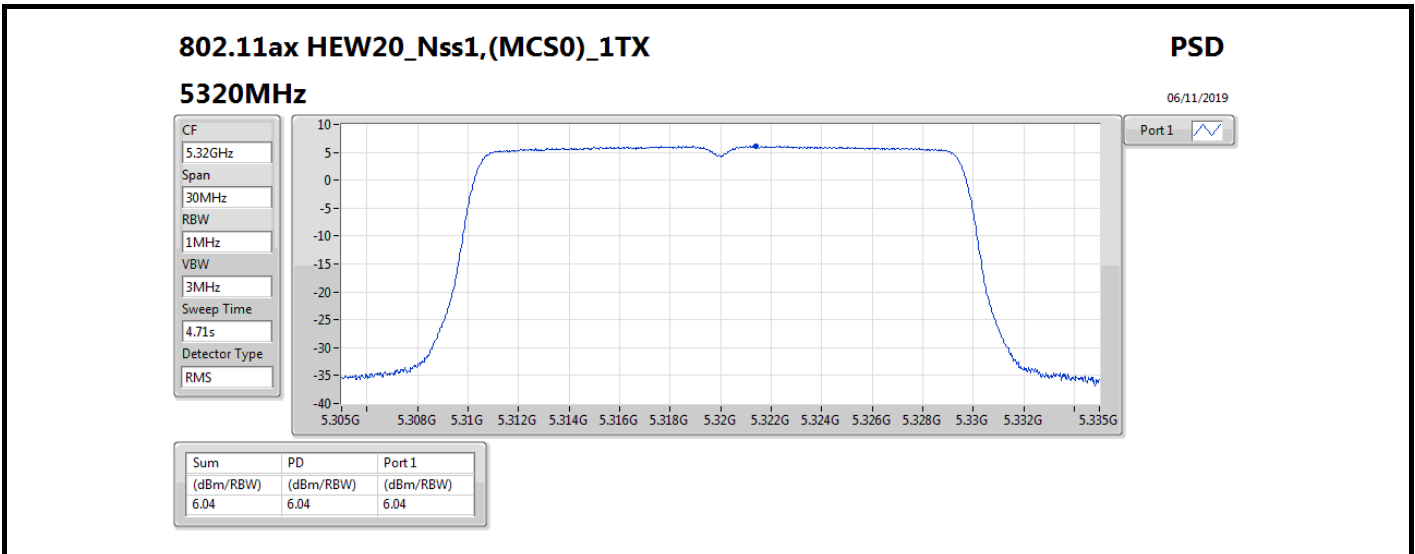
06/11/2019

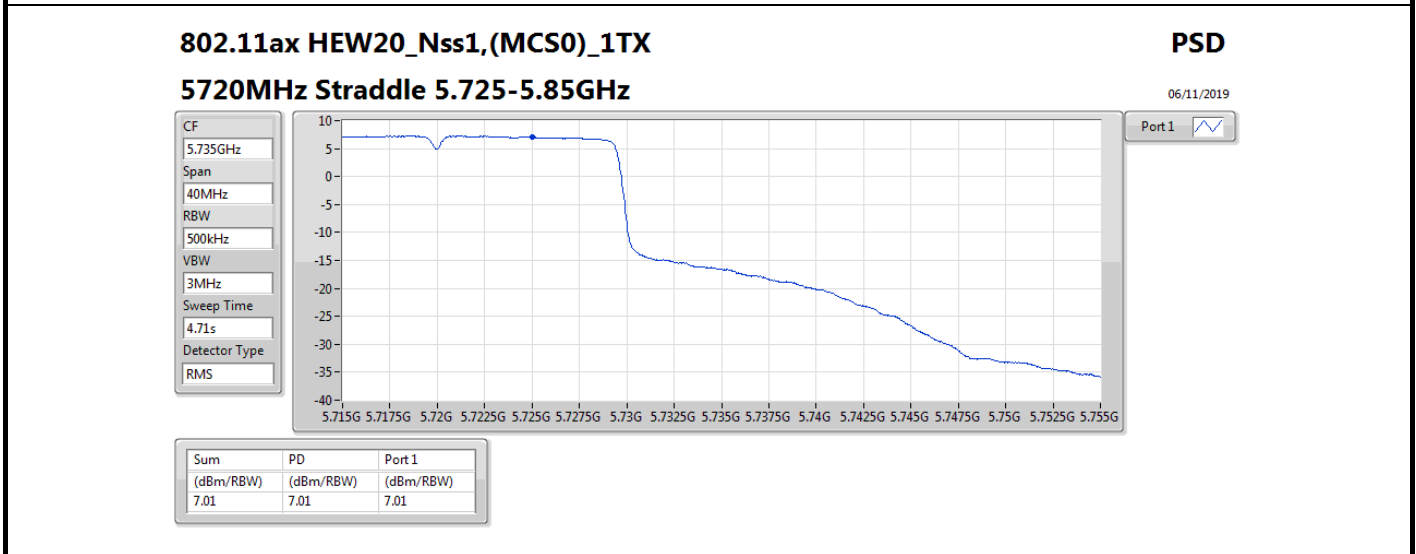
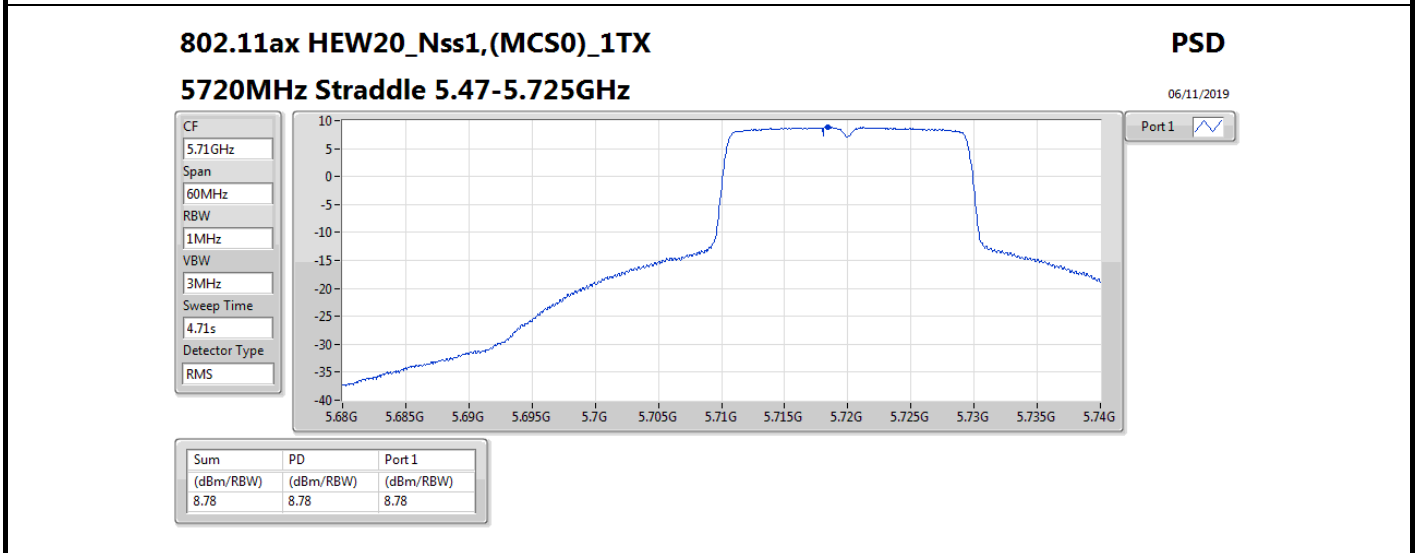
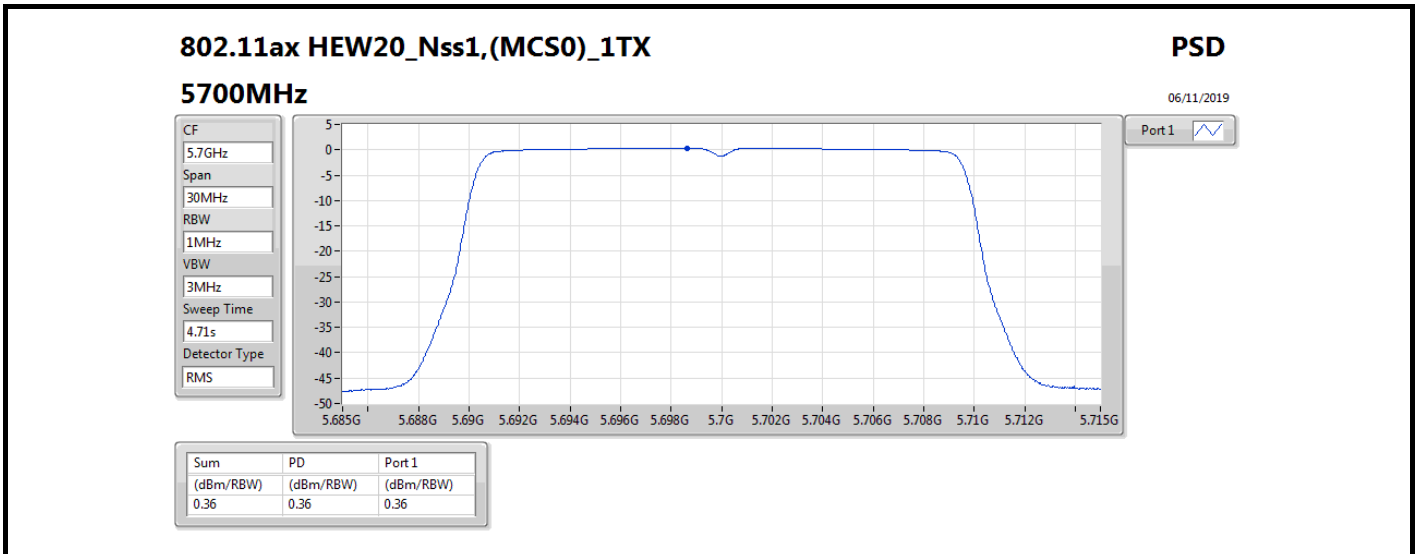
CF
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
Detector Type
RMS

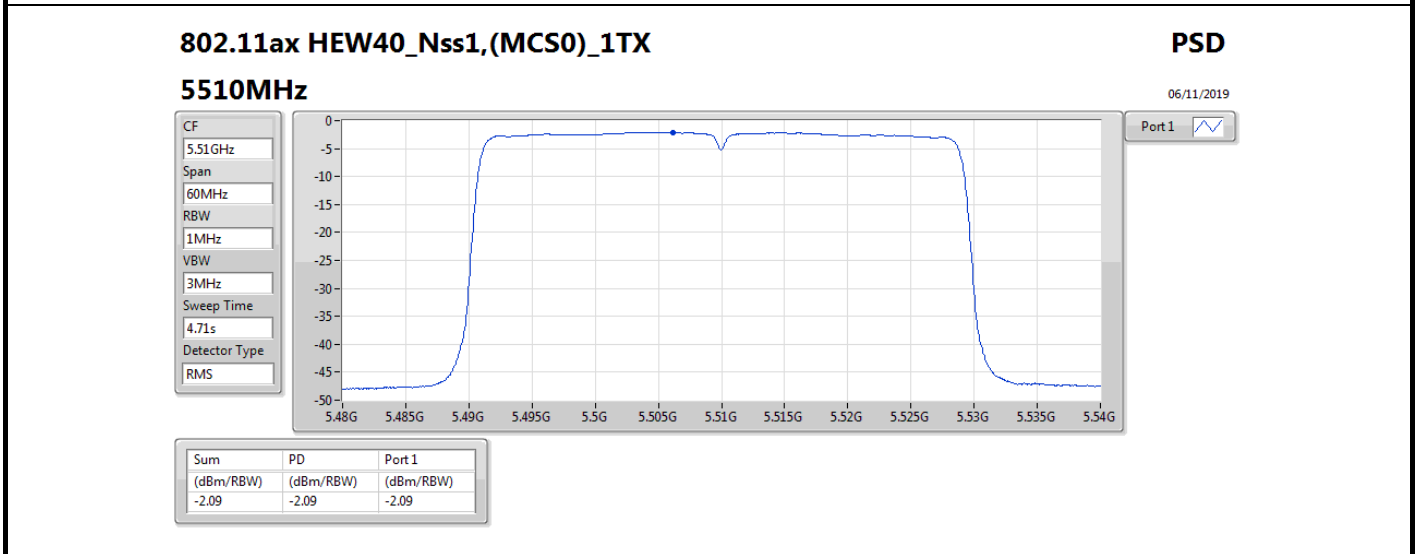
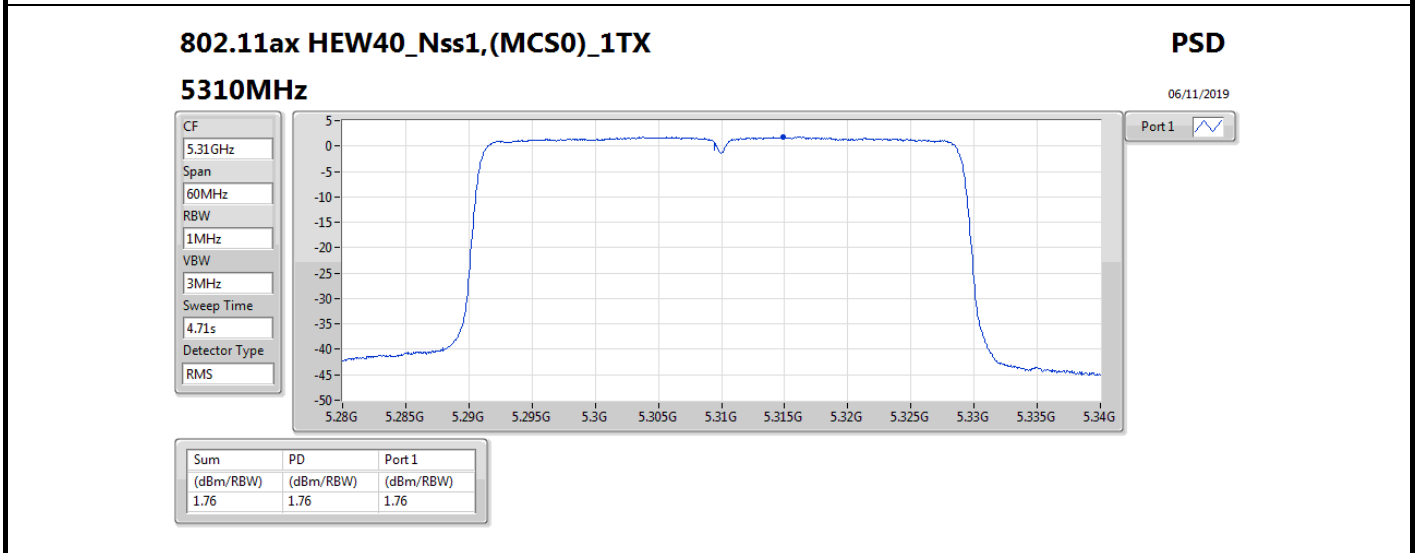
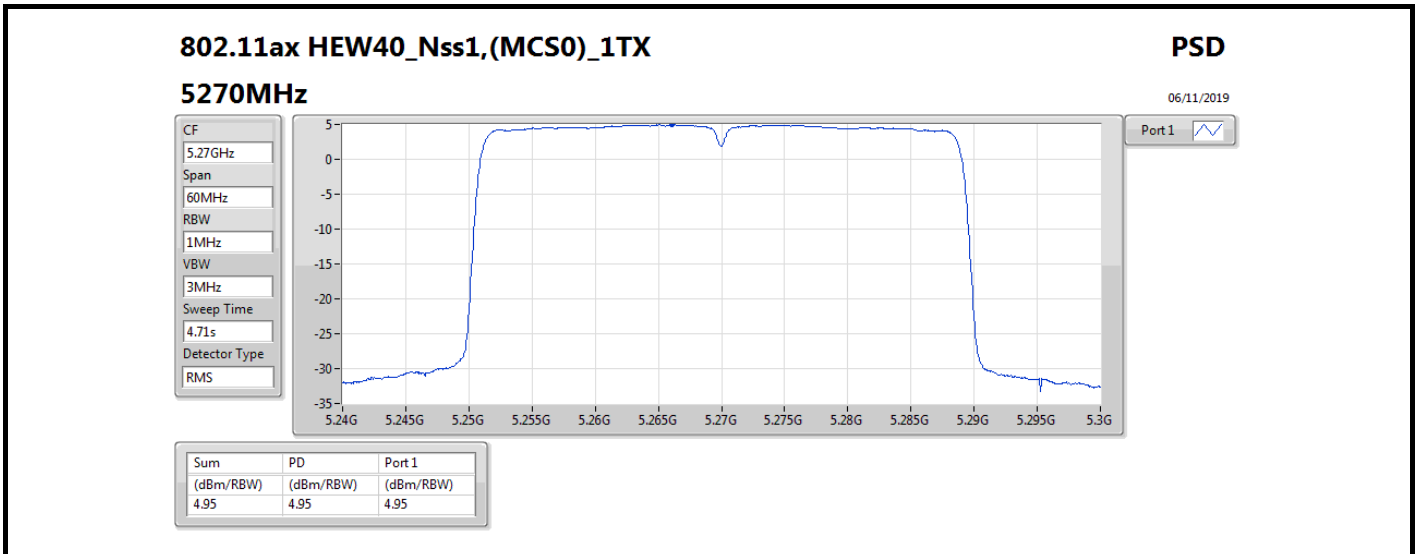


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.59	7.59	7.59







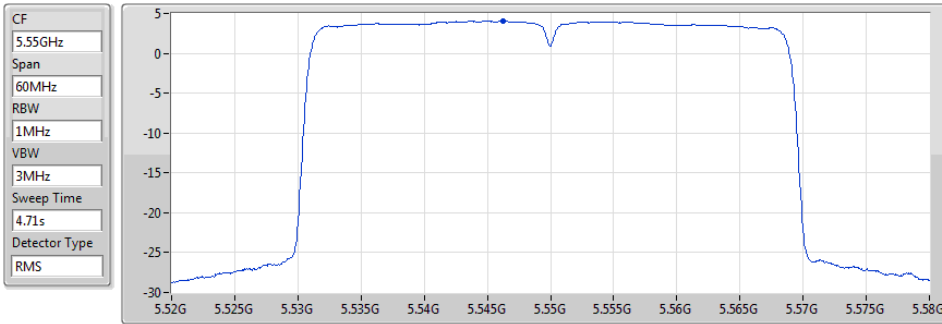


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5550MHz

06/11/2019



Port 1

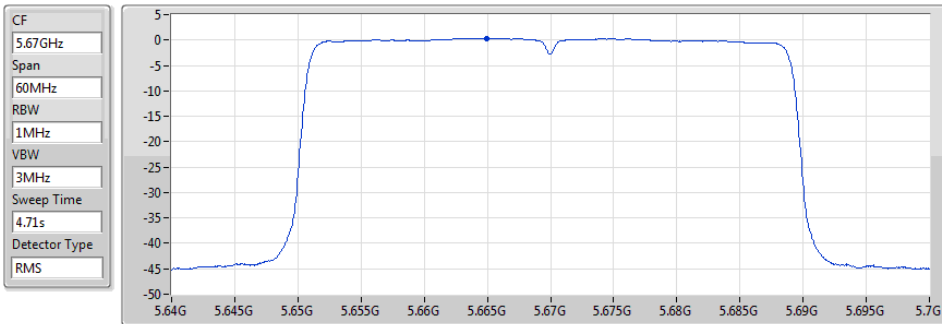
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.07	4.07	4.07

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

06/11/2019



Port 1

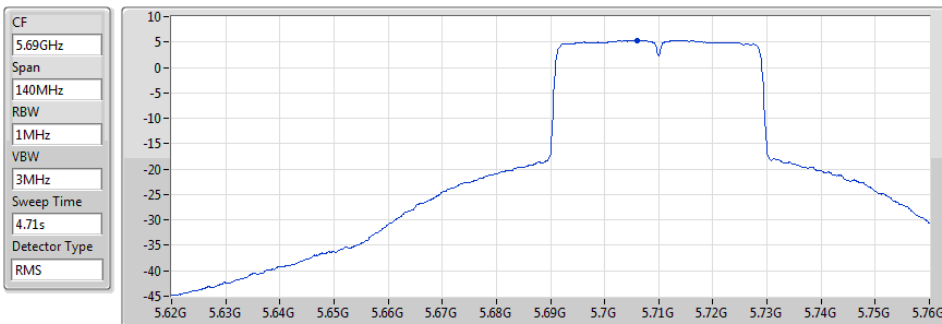
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.32	0.32	0.32

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

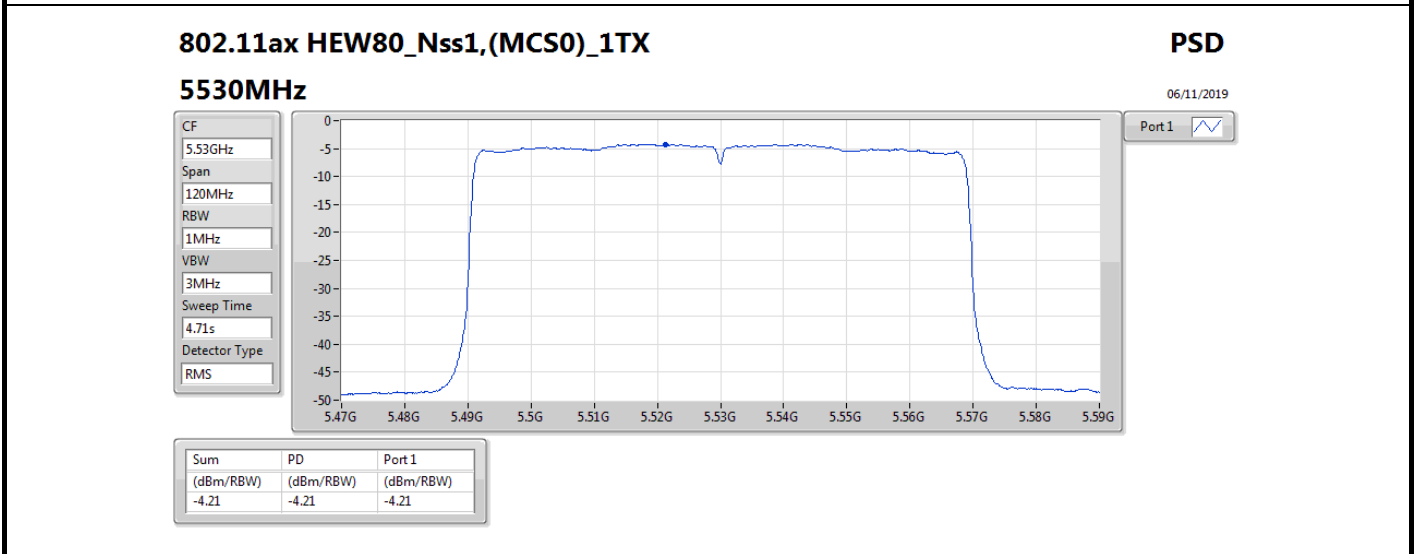
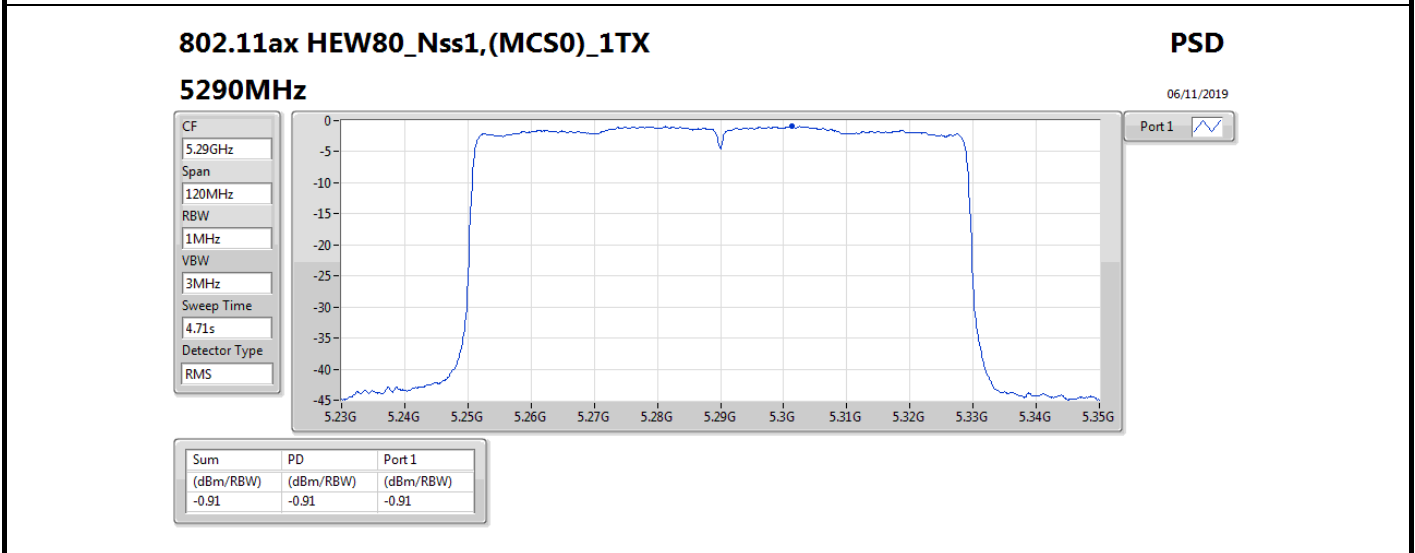
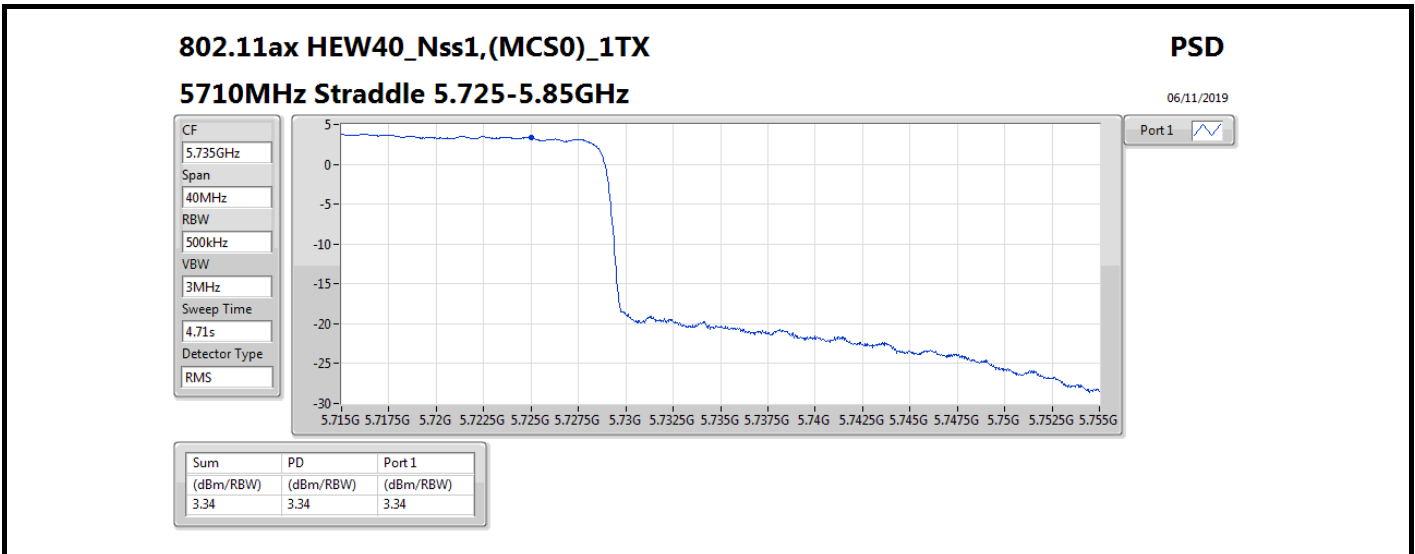
5710MHz Straddle 5.47-5.725GHz

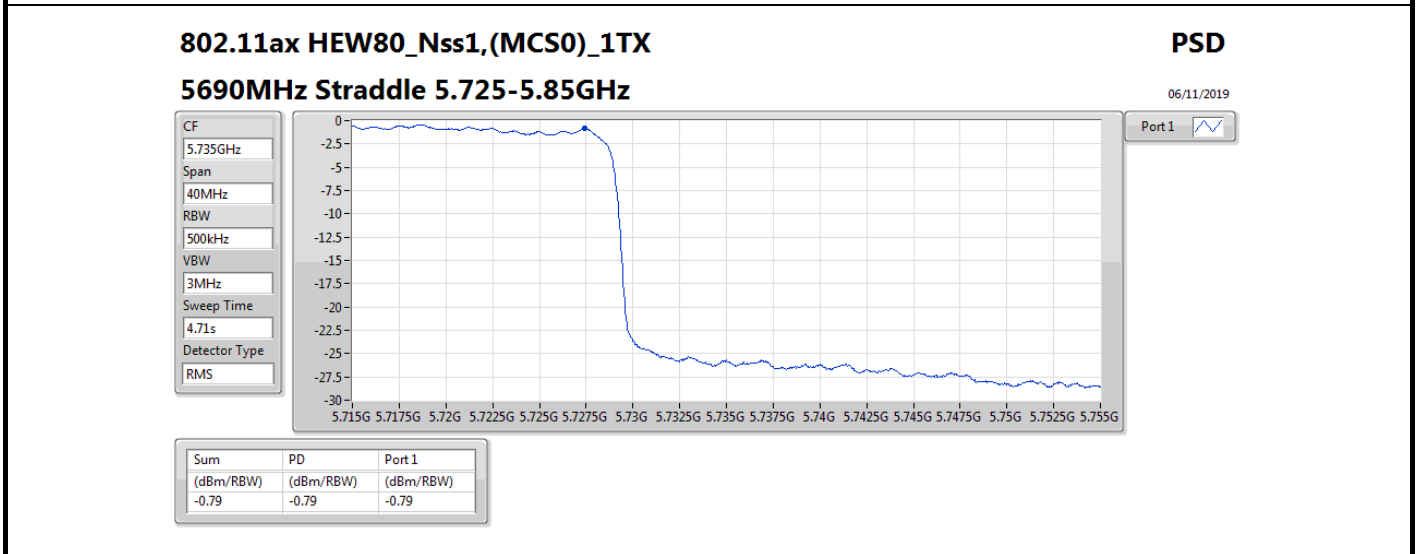
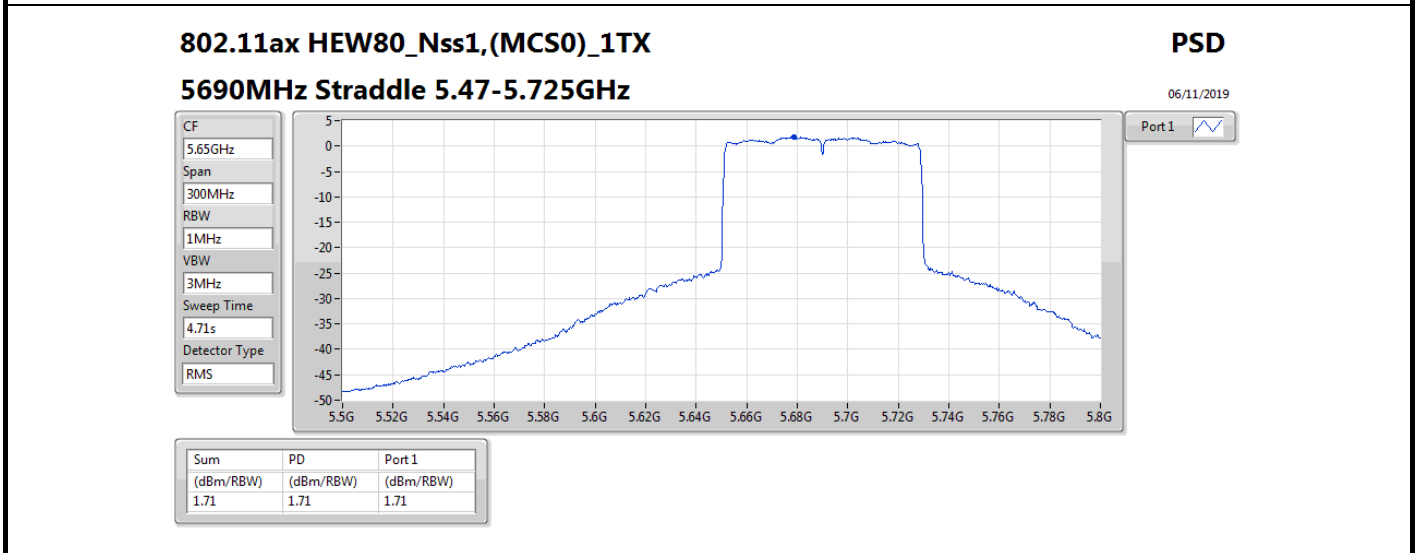
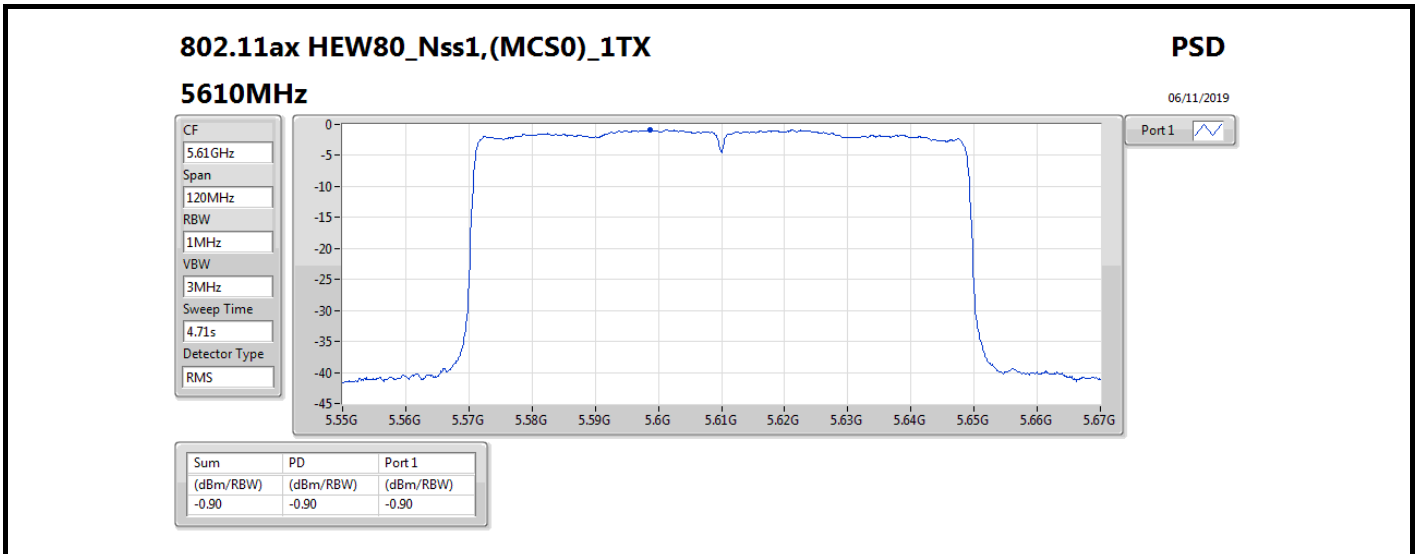
06/11/2019

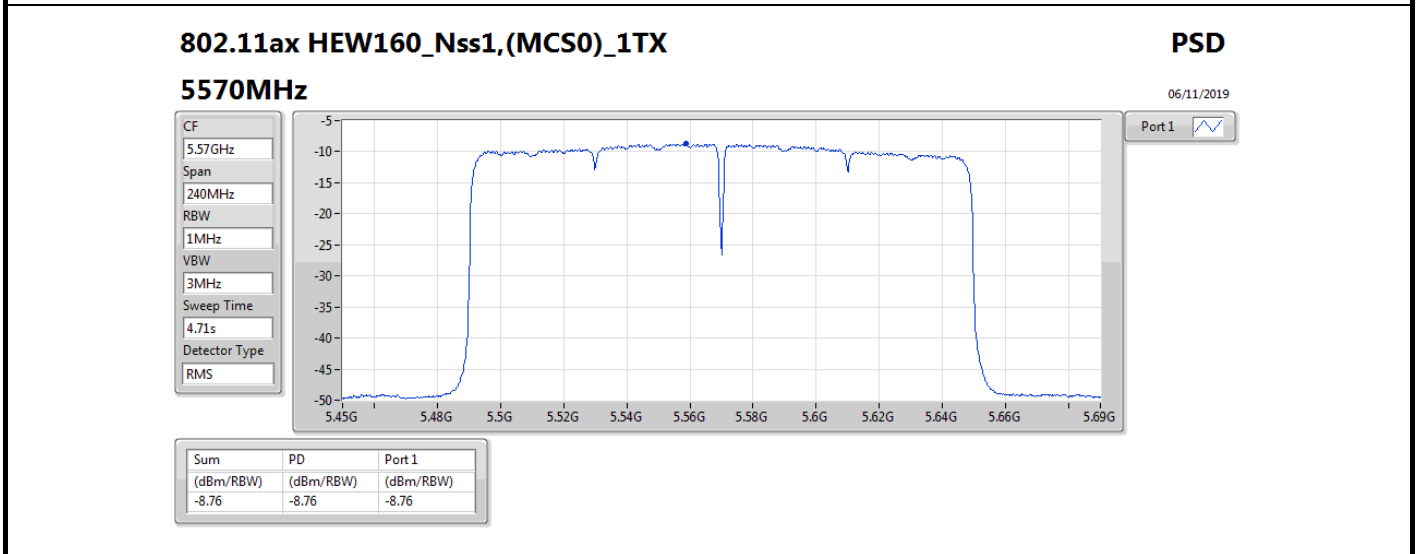
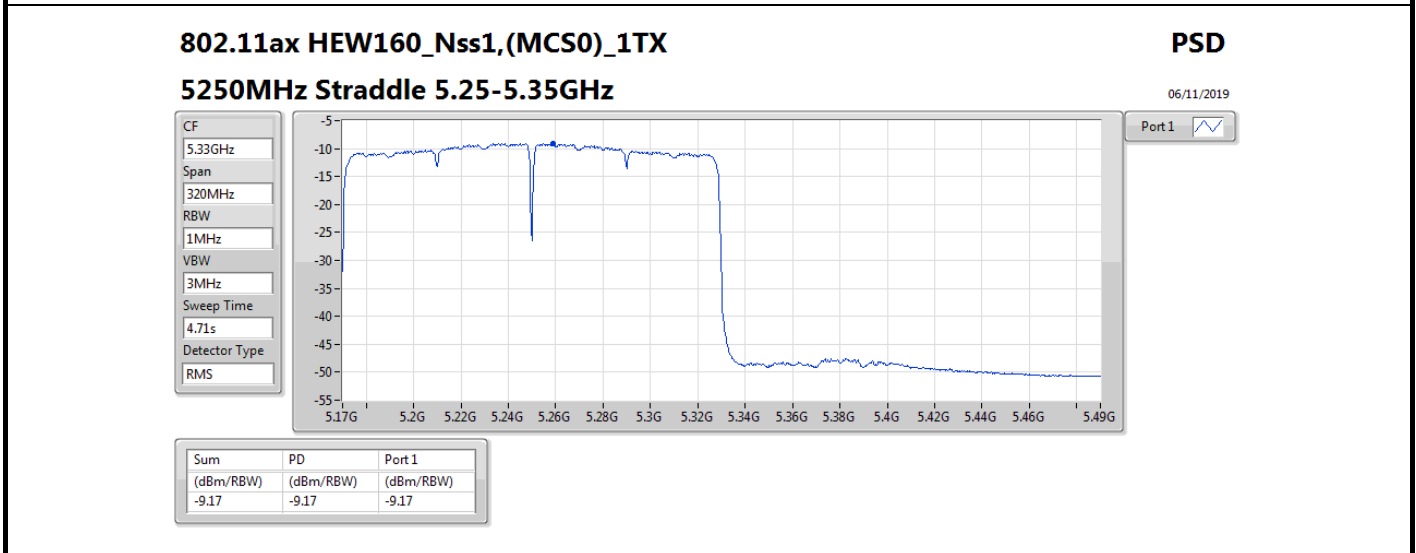
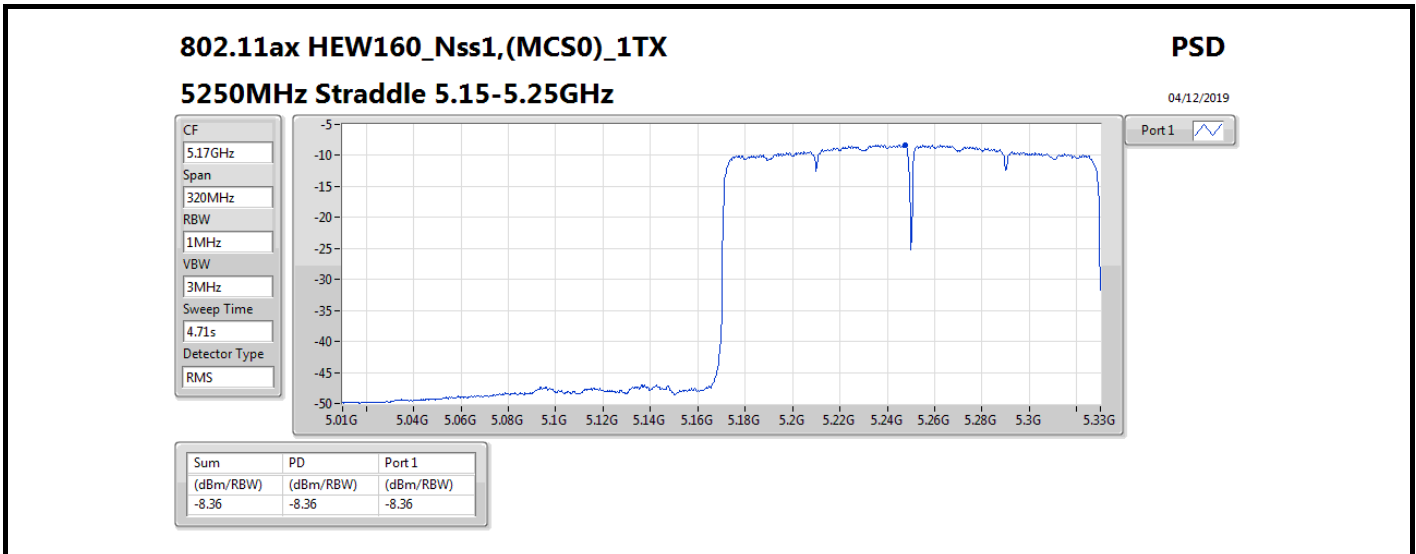


Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.36	5.36	5.36









Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss2,(MCS0)_2TX	-9.14	-1.14
802.11ax HEW160_Nss2,(MCS0)_2TX	-9.00	-1.00
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.94	16.95
802.11ac VHT20_Nss2,(MCS0)_2TX	7.86	15.86
802.11ac VHT40_Nss2,(MCS0)_2TX	5.03	13.03
802.11ac VHT80_Nss2,(MCS0)_2TX	-1.98	6.02
802.11ac VHT160_Nss2,(MCS0)_2TX	-10.09	-2.09
802.11ax HEW20_Nss2,(MCS0)_2TX	7.85	15.85
802.11ax HEW40_Nss2,(MCS0)_2TX	5.08	13.08
802.11ax HEW80_Nss2,(MCS0)_2TX	-1.88	6.12
802.11ax HEW160_Nss2,(MCS0)_2TX	-9.98	-1.98
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.90	16.91
802.11ac VHT20_Nss2,(MCS0)_2TX	8.32	16.32
802.11ac VHT40_Nss2,(MCS0)_2TX	5.51	13.51
802.11ac VHT80_Nss2,(MCS0)_2TX	2.55	10.55
802.11ac VHT160_Nss2,(MCS0)_2TX	-7.62	0.38
802.11ax HEW20_Nss2,(MCS0)_2TX	8.31	16.31
802.11ax HEW40_Nss2,(MCS0)_2TX	5.51	13.51
802.11ax HEW80_Nss2,(MCS0)_2TX	2.58	10.58
802.11ax HEW160_Nss2,(MCS0)_2TX	-7.65	0.35
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	4.00	15.01
802.11ac VHT20_Nss2,(MCS0)_2TX	6.55	14.55
802.11ac VHT40_Nss2,(MCS0)_2TX	3.03	11.03
802.11ac VHT80_Nss2,(MCS0)_2TX	-0.42	7.58
802.11ax HEW20_Nss2,(MCS0)_2TX	6.60	14.60
802.11ax HEW40_Nss2,(MCS0)_2TX	3.40	11.40
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.43	7.57

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



Result

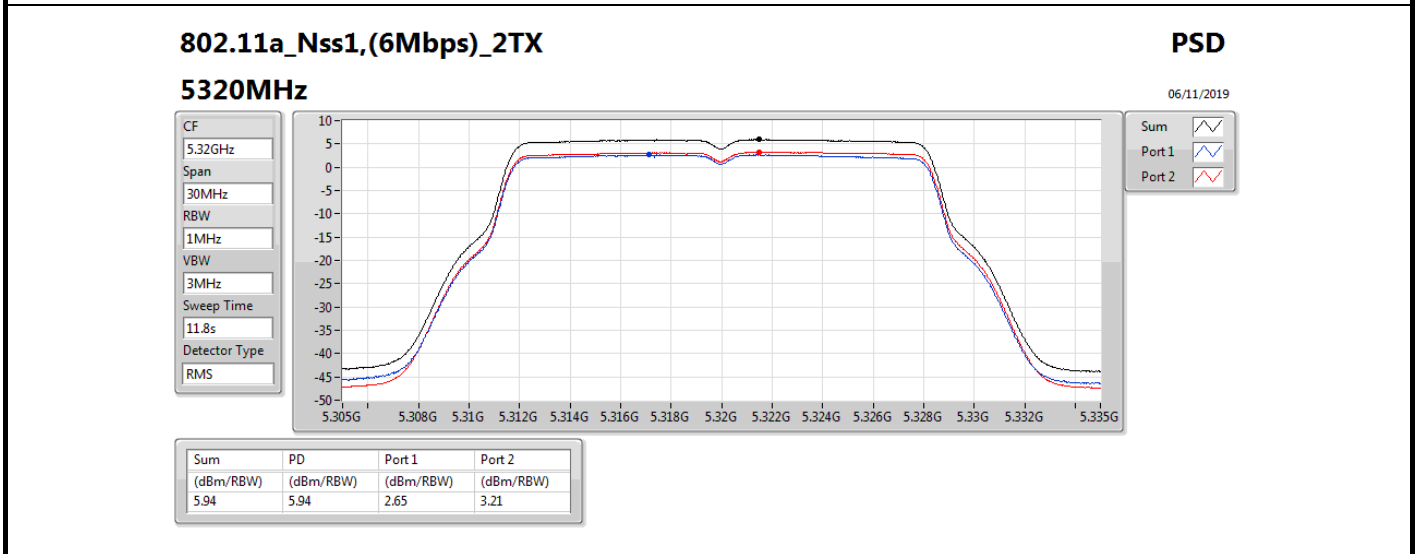
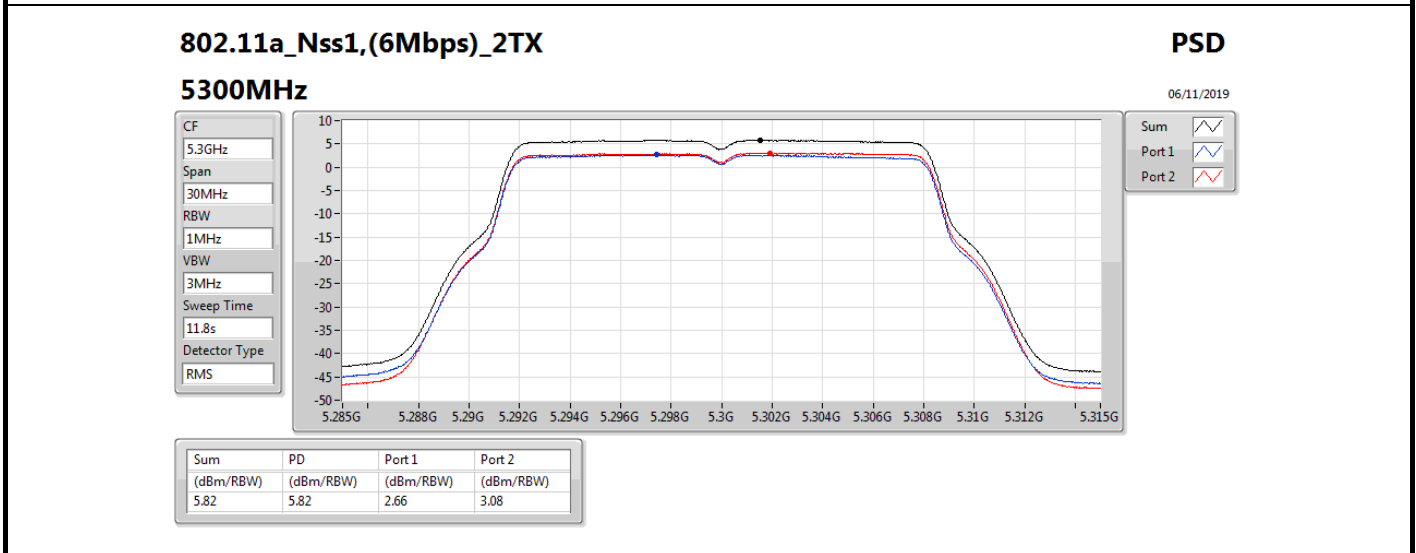
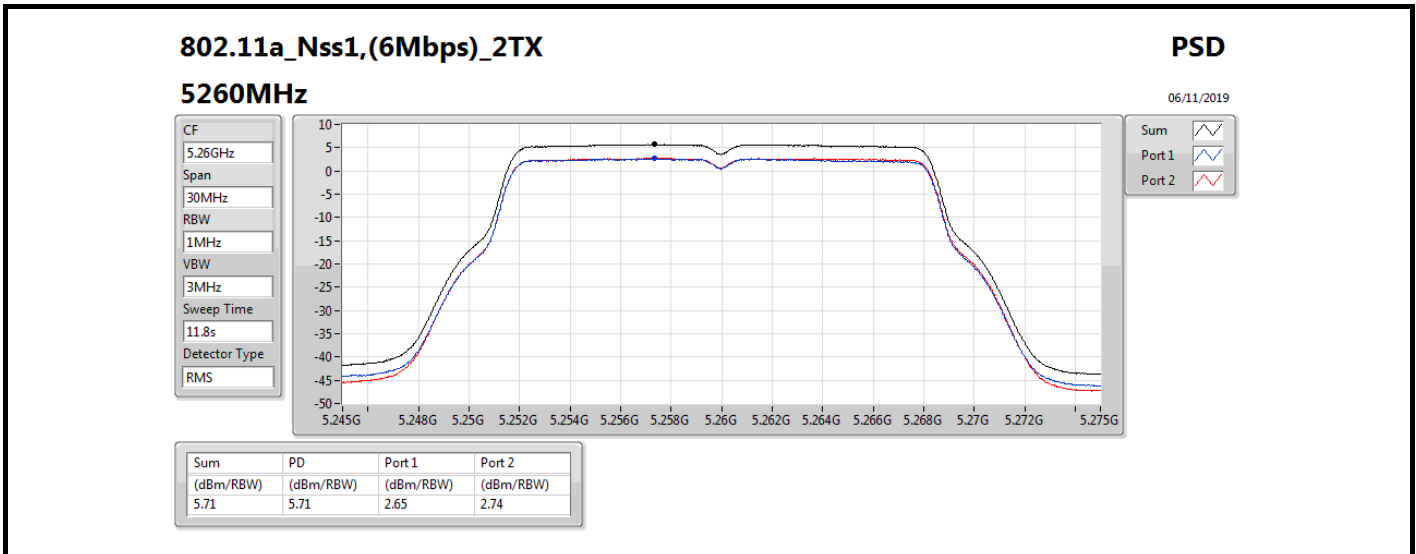
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	11.01	2.65	2.74	5.71	5.99	16.72	17.00
5300MHz	Pass	11.01	2.66	3.08	5.82	5.99	16.83	17.00
5320MHz	Pass	11.01	2.65	3.21	5.94	5.99	16.95	17.00
5500MHz	Pass	11.01	2.03	2.32	5.16	5.99	16.17	17.00
5580MHz	Pass	11.01	2.70	3.13	5.90	5.99	16.91	17.00
5700MHz	Pass	11.01	2.94	2.81	5.83	5.99	16.84	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	11.01	2.84	2.69	5.70	5.99	16.71	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	11.01	0.98	1.10	4.00	24.99	15.01	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	4.70	5.01	7.86	9.00	15.86	17.00
5300MHz	Pass	8.00	4.46	5.02	7.71	9.00	15.71	17.00
5320MHz	Pass	8.00	3.83	4.60	7.21	9.00	15.21	17.00
5500MHz	Pass	8.00	4.20	4.46	7.24	9.00	15.24	17.00
5580MHz	Pass	8.00	4.82	5.12	7.89	9.00	15.89	17.00
5700MHz	Pass	8.00	2.77	2.69	5.70	9.00	13.70	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	5.35	5.37	8.32	9.00	16.32	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	3.60	3.53	6.55	28.00	14.55	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	1.90	2.15	5.03	9.00	13.03	17.00
5310MHz	Pass	8.00	-1.40	-0.58	1.98	9.00	9.98	17.00
5510MHz	Pass	8.00	-1.37	-1.00	1.79	9.00	9.79	17.00
5550MHz	Pass	8.00	1.86	2.43	5.12	9.00	13.12	17.00
5670MHz	Pass	8.00	-0.63	-0.40	2.47	9.00	10.47	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	2.25	2.77	5.51	9.00	13.51	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	-0.08	0.12	3.03	28.00	11.03	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	-5.20	-4.59	-1.98	9.00	6.02	17.00
5530MHz	Pass	8.00	-4.03	-3.27	-0.79	9.00	7.21	17.00
5610MHz	Pass	8.00	-0.86	-0.09	2.55	9.00	10.55	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	-0.96	-0.35	2.36	9.00	10.36	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-3.75	-3.14	-0.42	28.00	7.58	36.00
802.11ac VHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	-12.21	-12.05	-9.14	15.00	-1.14	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	-13.17	-12.92	-10.09	9.00	-2.09	17.00
5570MHz	Pass	8.00	-11.16	-9.95	-7.62	9.00	0.38	17.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	4.86	4.83	7.85	9.00	15.85	17.00
5300MHz	Pass	8.00	4.52	5.06	7.79	9.00	15.79	17.00
5320MHz	Pass	8.00	3.84	4.52	7.19	9.00	15.19	17.00
5500MHz	Pass	8.00	4.08	4.45	7.25	9.00	15.25	17.00
5580MHz	Pass	8.00	4.67	4.99	7.83	9.00	15.83	17.00
5700MHz	Pass	8.00	2.59	2.57	5.58	9.00	13.58	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	5.38	5.22	8.31	9.00	16.31	17.00

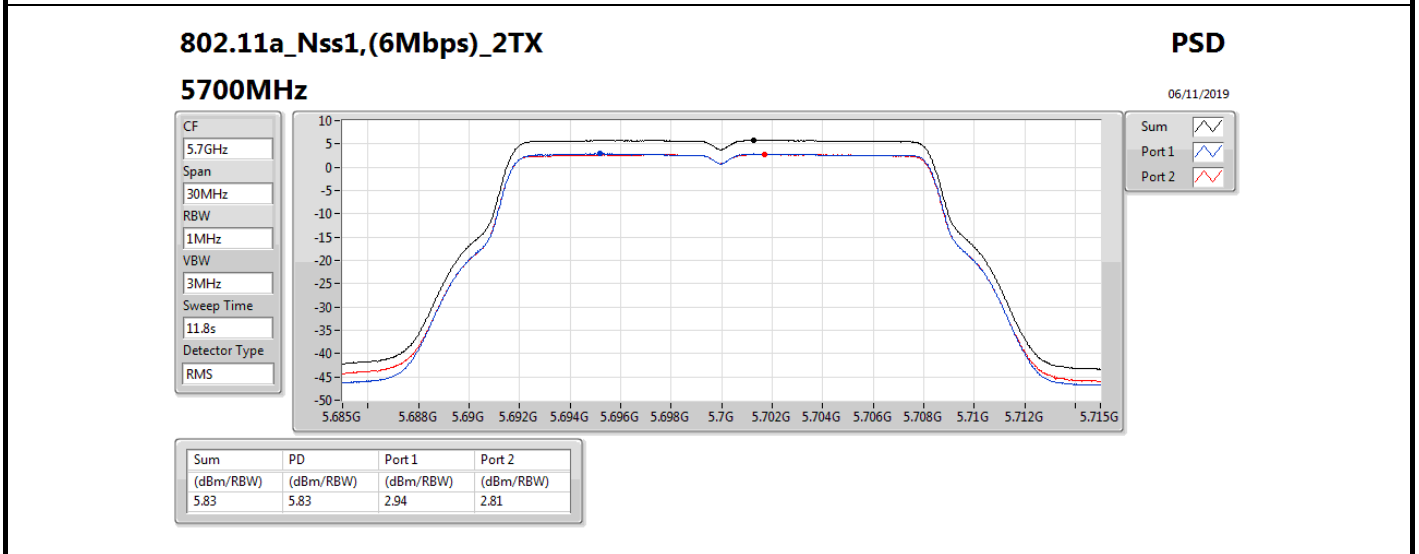
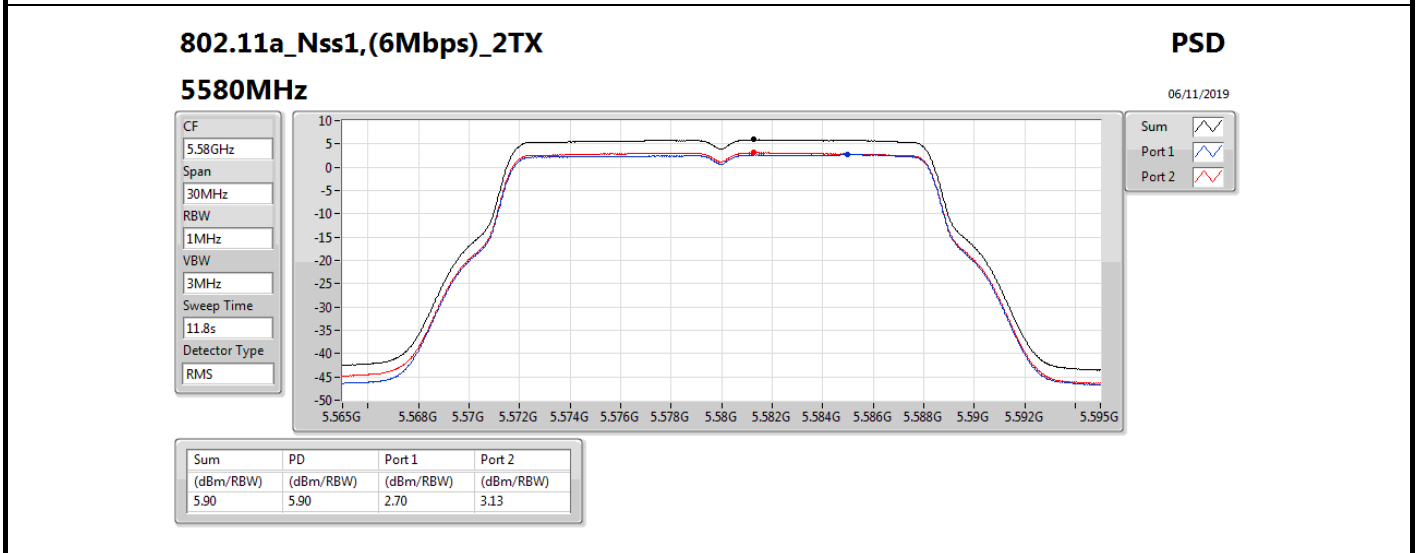
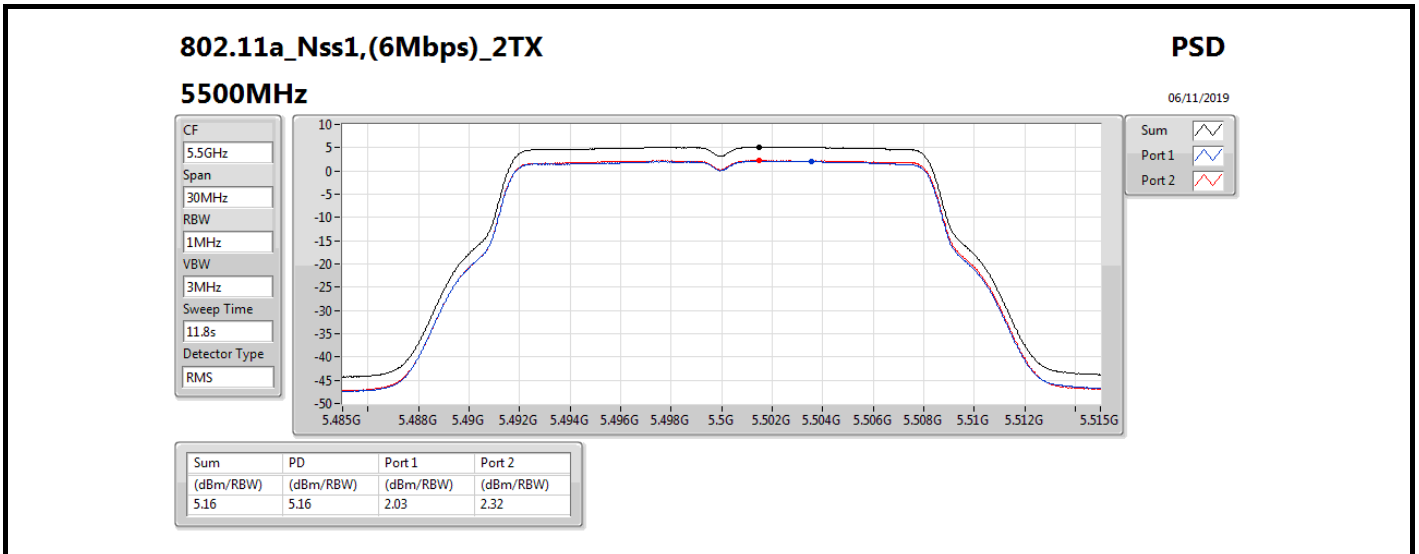


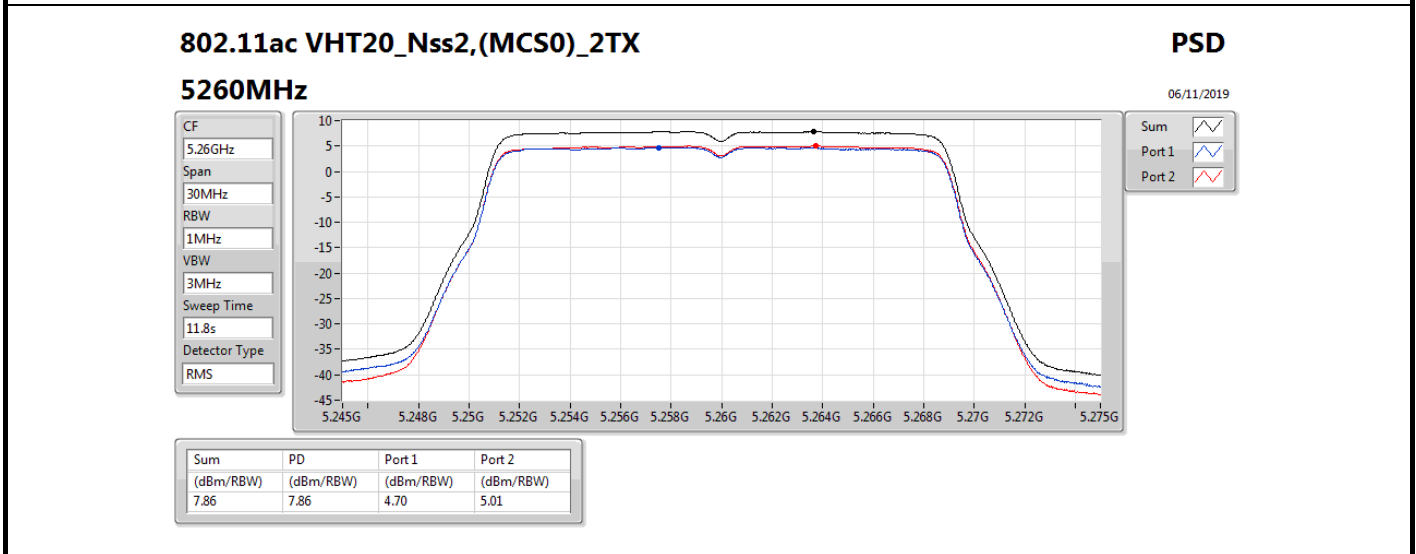
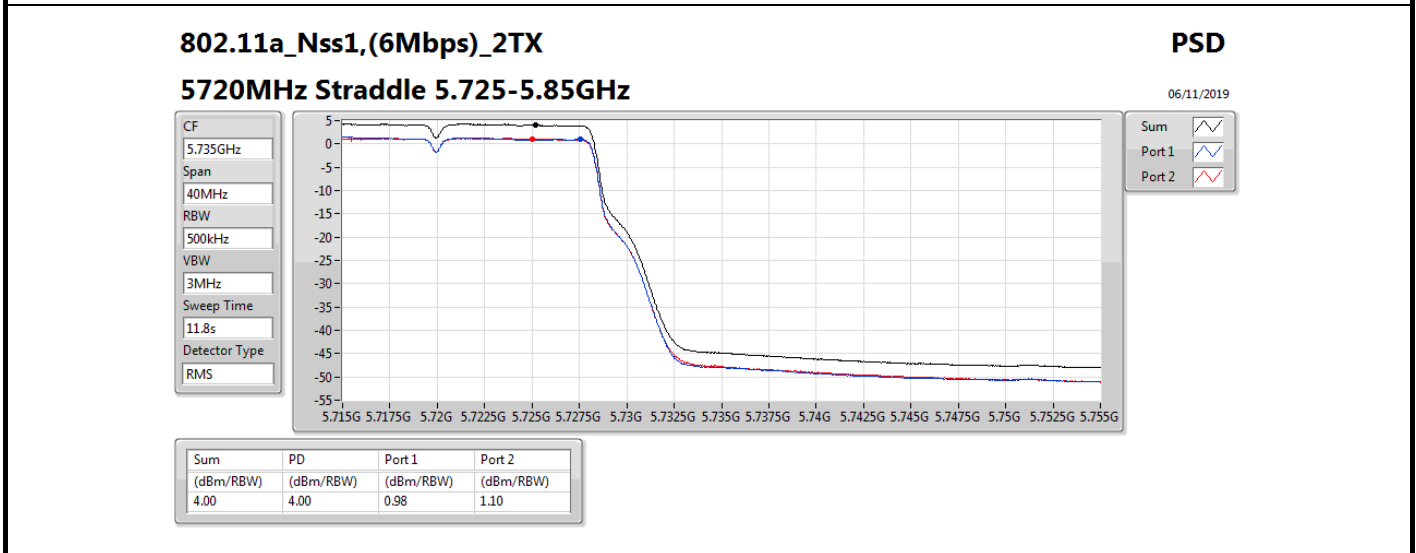
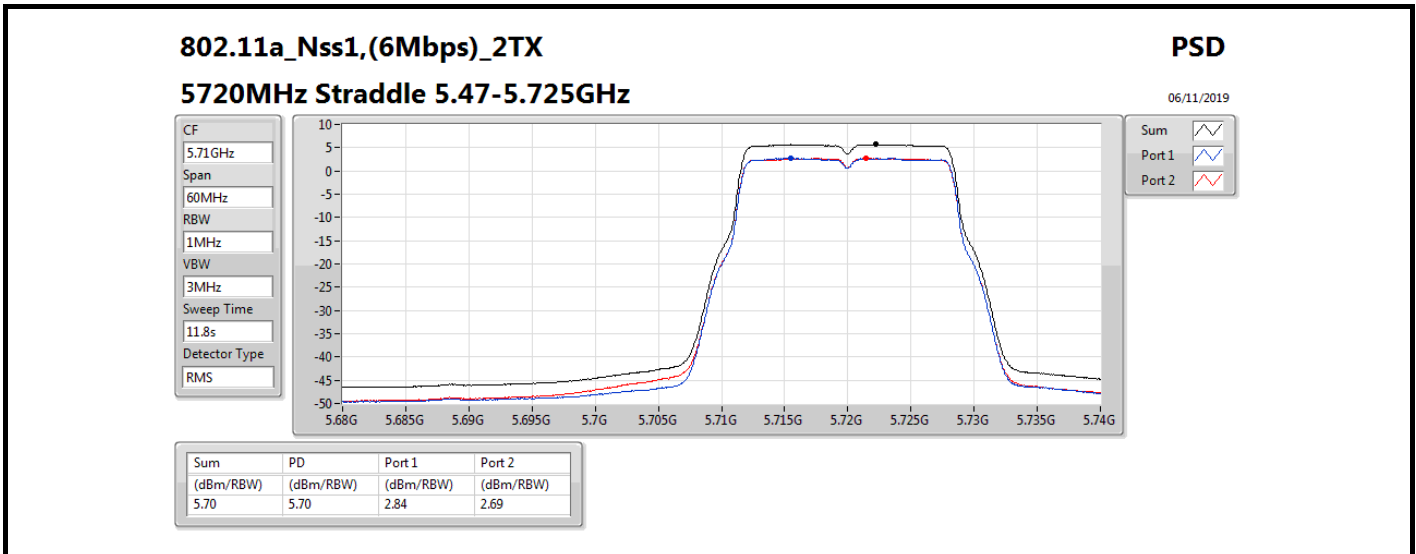
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	3.63	3.55	6.60	28.00	14.60	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	1.95	2.27	5.08	9.00	13.08	17.00
5310MHz	Pass	8.00	-1.23	-0.54	2.09	9.00	10.09	17.00
5510MHz	Pass	8.00	-1.46	-0.85	1.82	9.00	9.82	17.00
5550MHz	Pass	8.00	1.86	2.40	5.11	9.00	13.11	17.00
5670MHz	Pass	8.00	-0.69	-0.37	2.45	9.00	10.45	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	2.13	2.89	5.51	9.00	13.51	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	0.25	0.54	3.40	28.00	11.40	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	-5.00	-4.65	-1.88	9.00	6.12	17.00
5530MHz	Pass	8.00	-3.84	-3.20	-0.61	9.00	7.39	17.00
5610MHz	Pass	8.00	-0.80	-0.03	2.58	9.00	10.58	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	-0.83	-0.41	2.39	9.00	10.39	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-3.52	-3.36	-0.43	28.00	7.57	36.00
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	-12.05	-11.81	-9.00	15.00	-1.00	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	-12.95	-12.91	-9.98	9.00	-1.98	17.00
5570MHz	Pass	8.00	-11.09	-10.13	-7.65	9.00	0.35	17.00

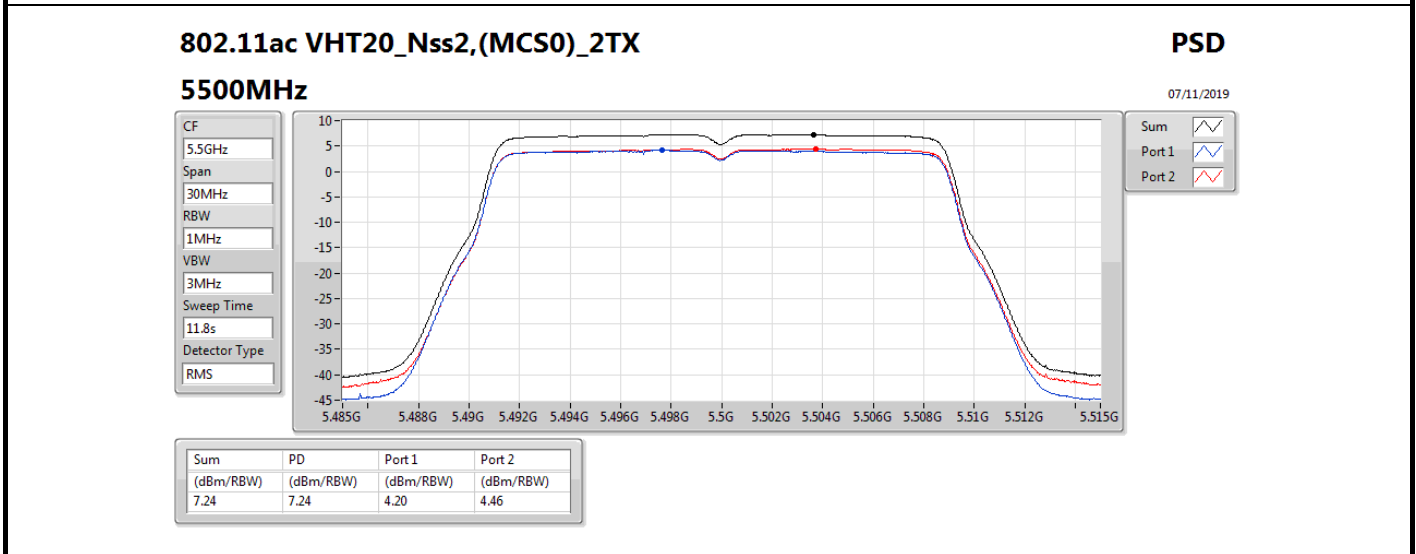
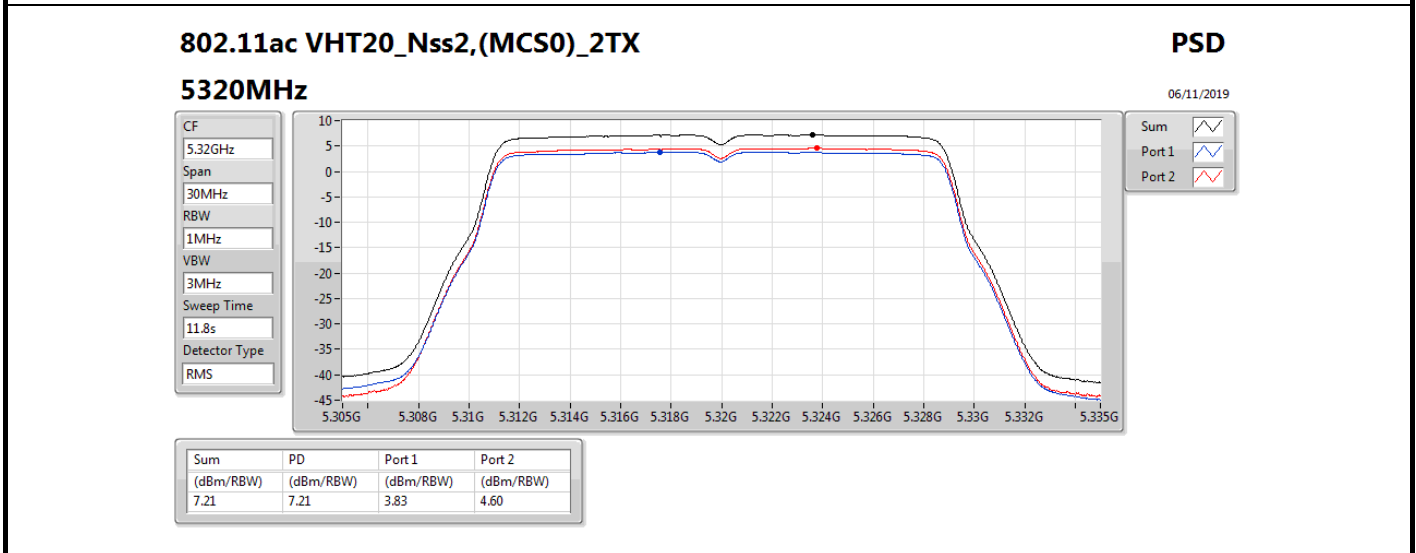
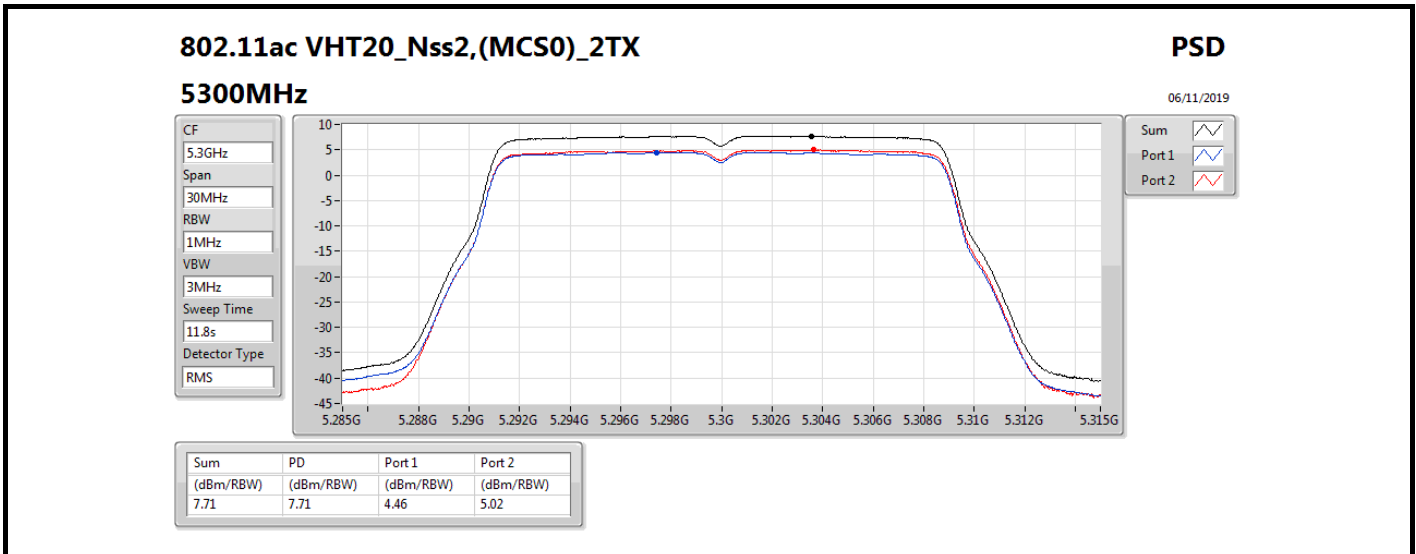
DG = Directional Gain; RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

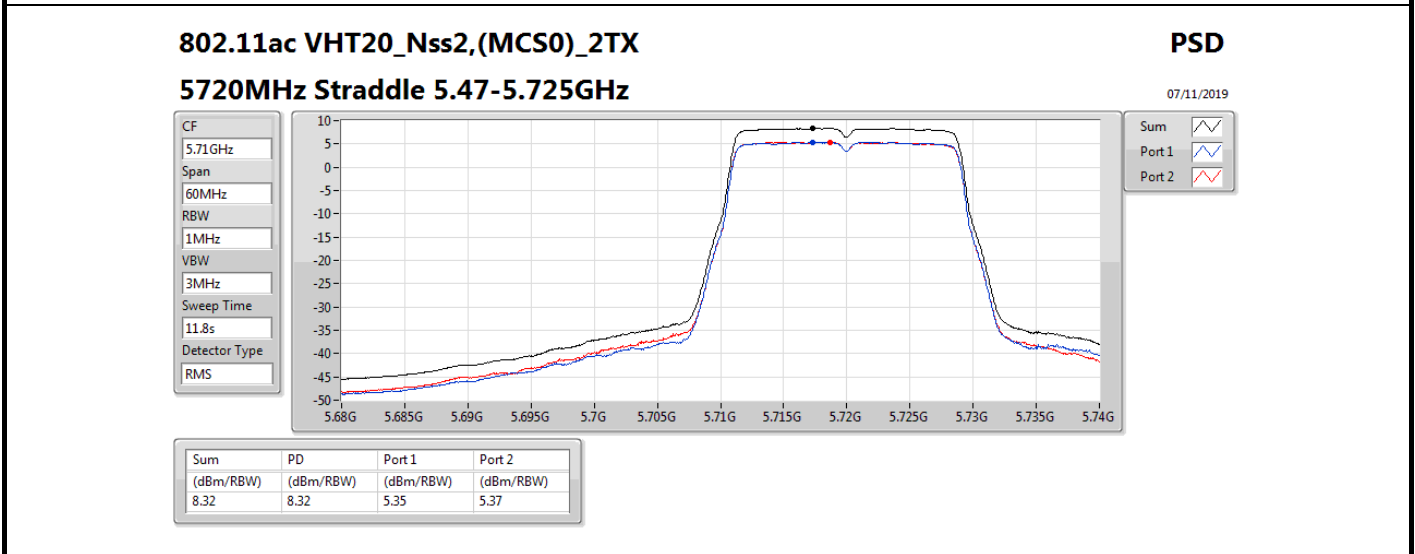
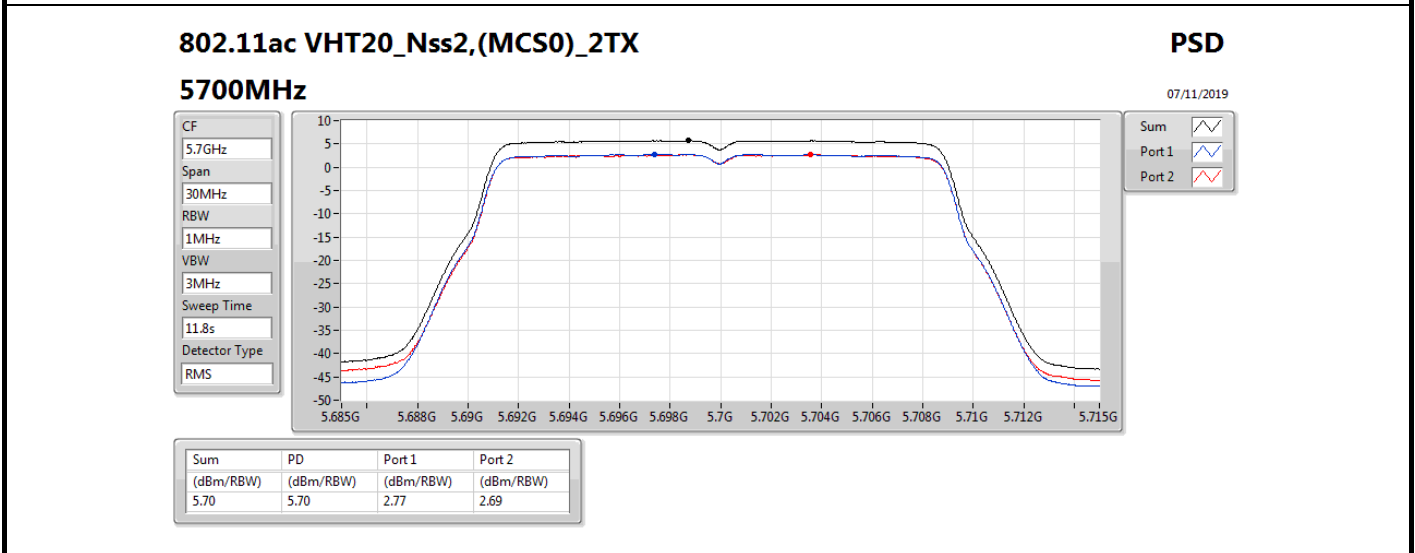
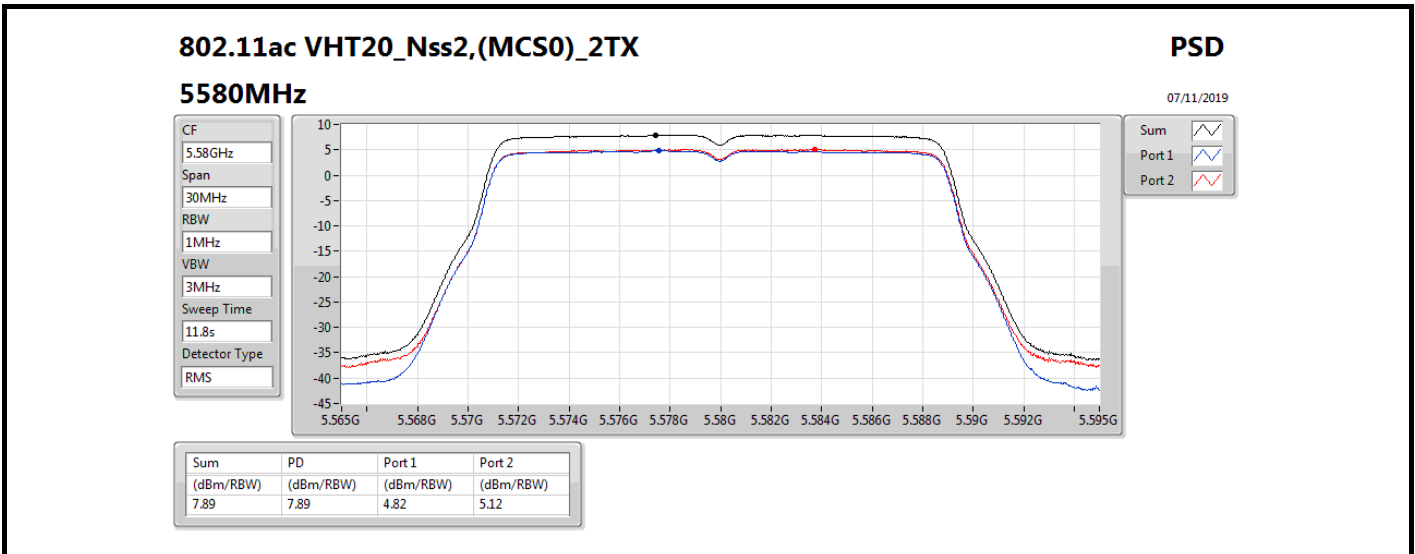
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

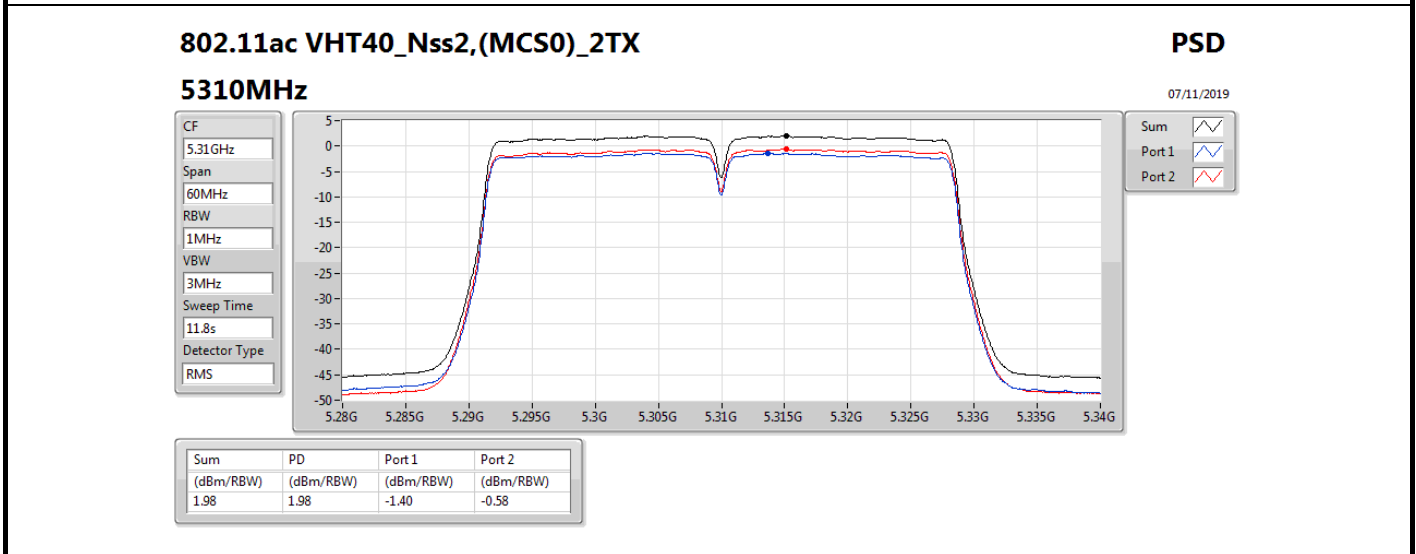
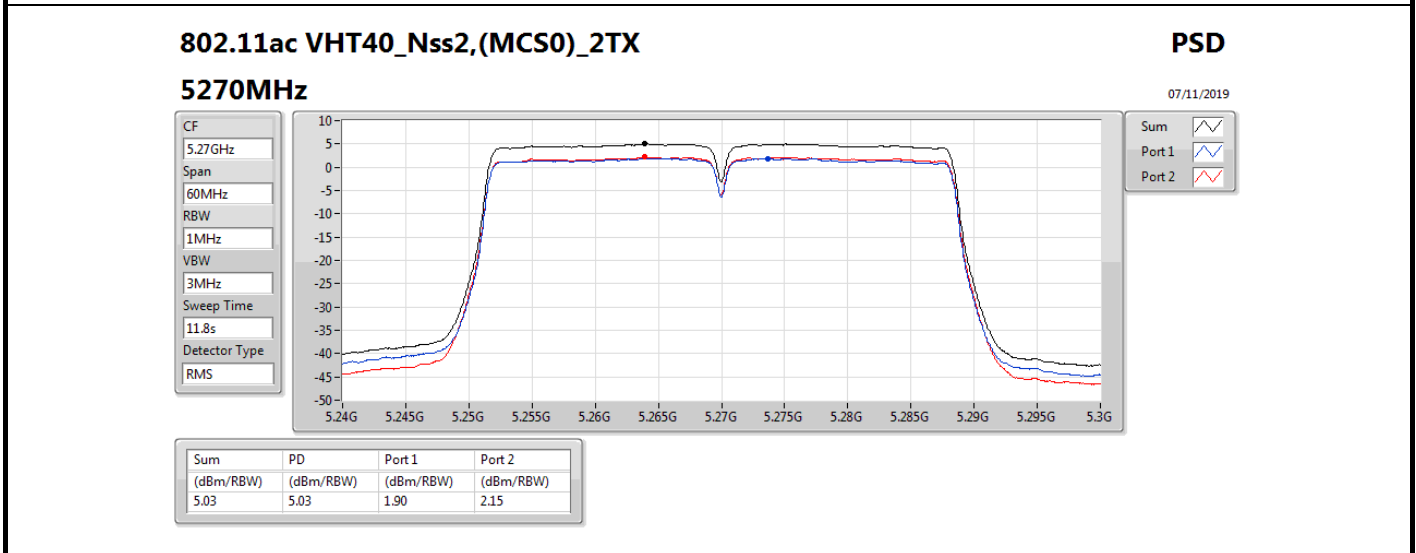
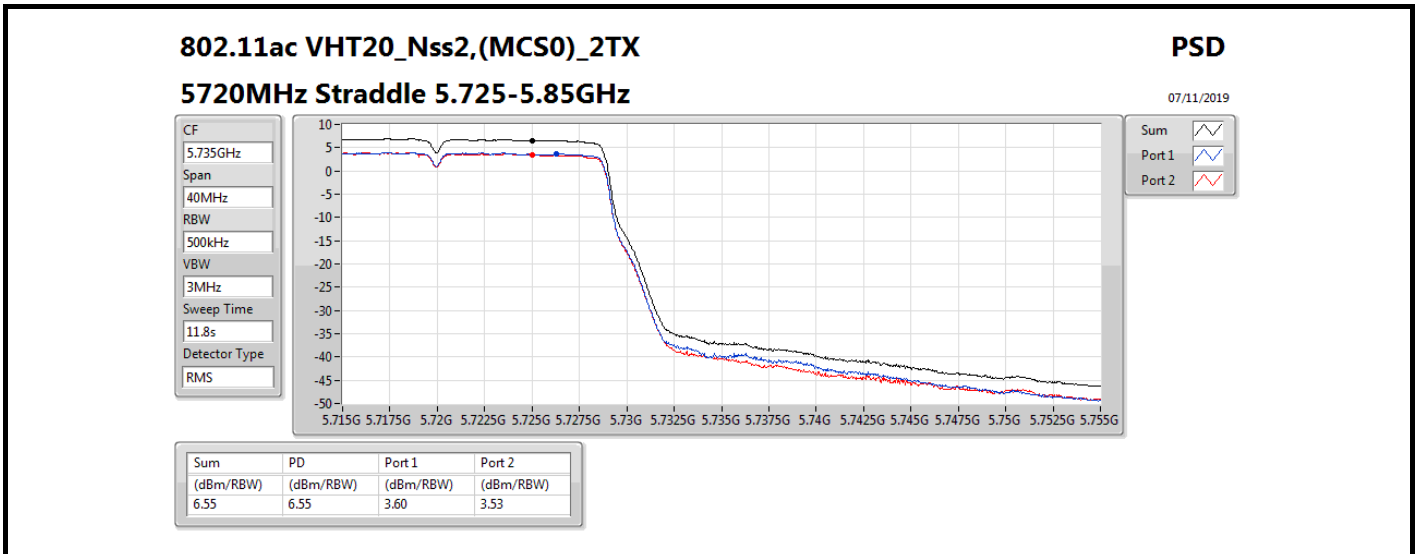














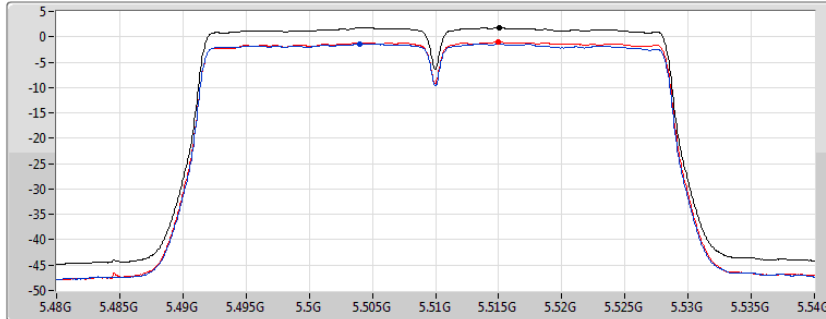
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5510MHz

07/11/2019

CF: 5.51GHz
Span: 60MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 11.8s
Detector Type: RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.79	1.79	-1.37	-1.00

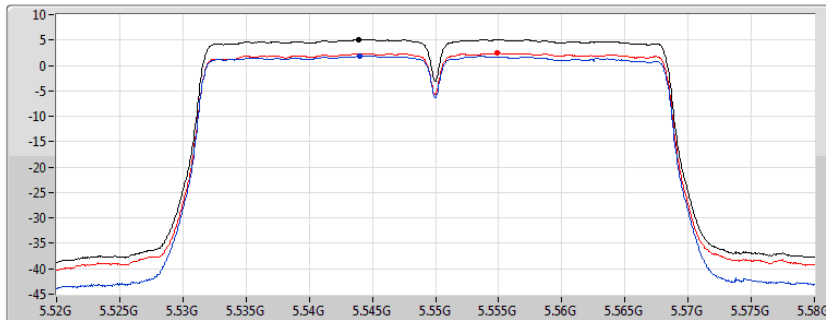
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5550MHz

07/11/2019

CF: 5.55GHz
Span: 60MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 11.8s
Detector Type: RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.12	5.12	1.86	2.43

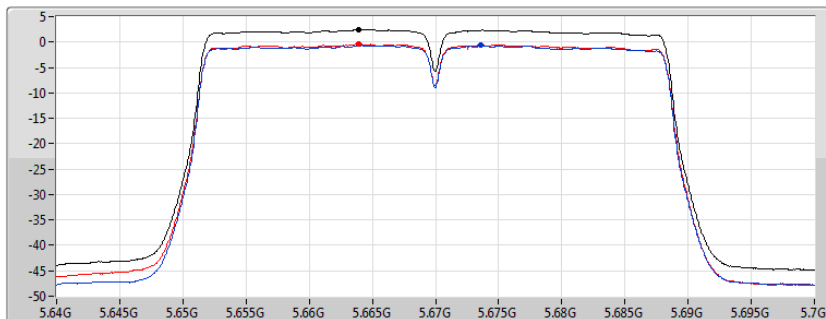
802.11ac VHT40_Nss2,(MCS0)_2TX

PSD

5670MHz

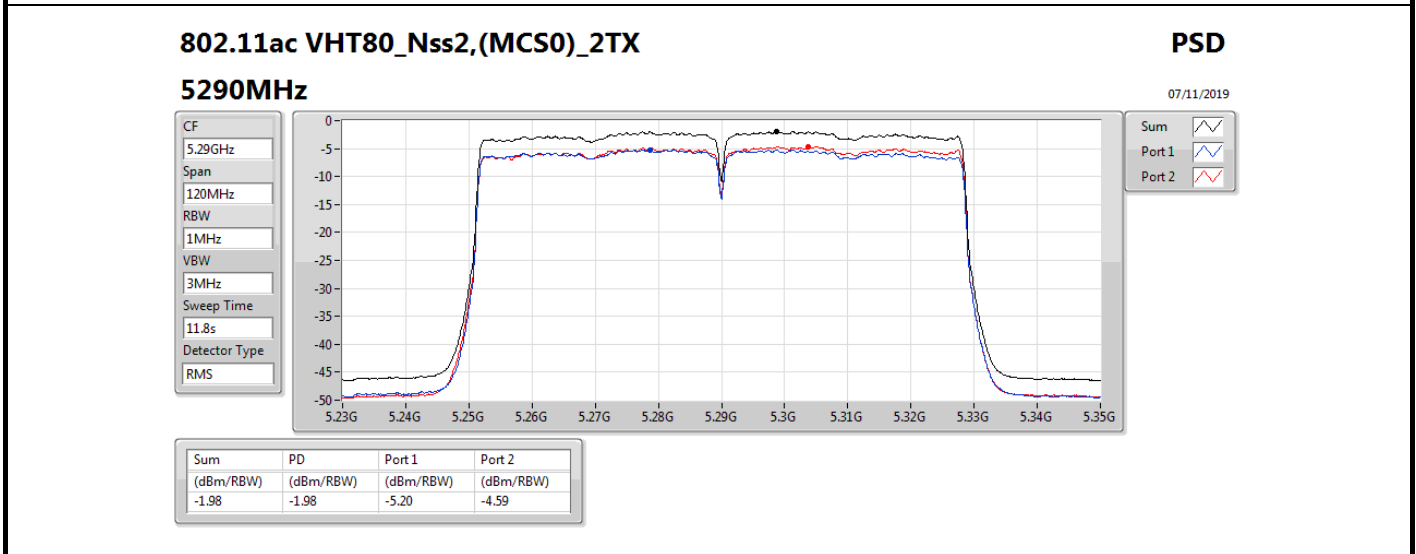
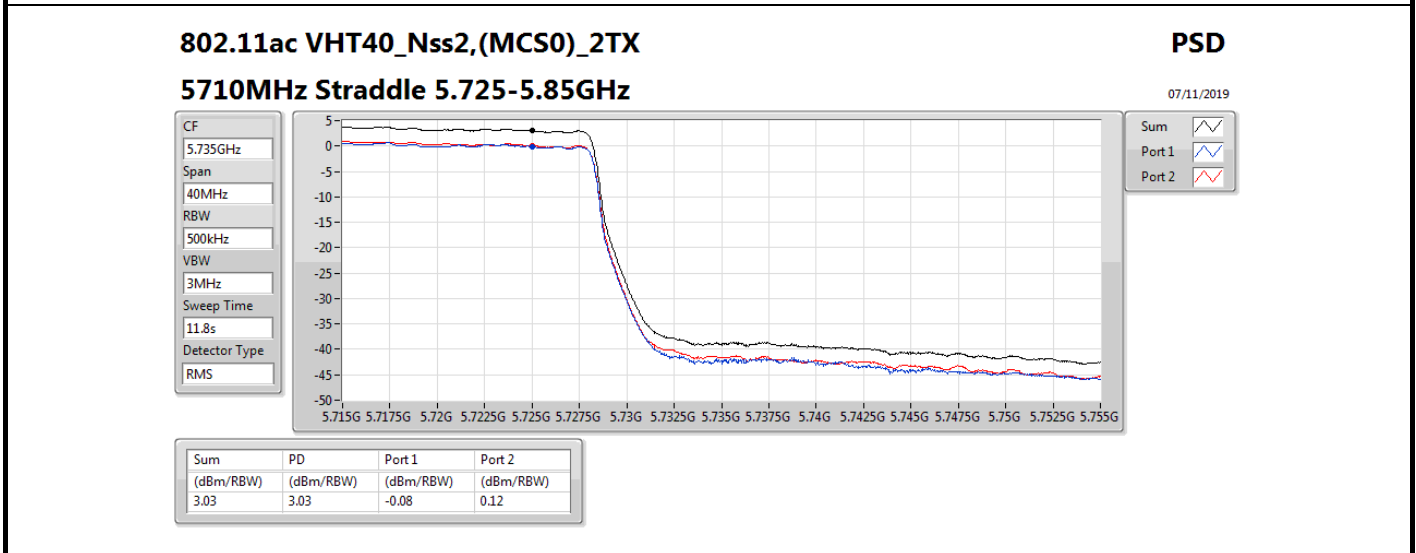
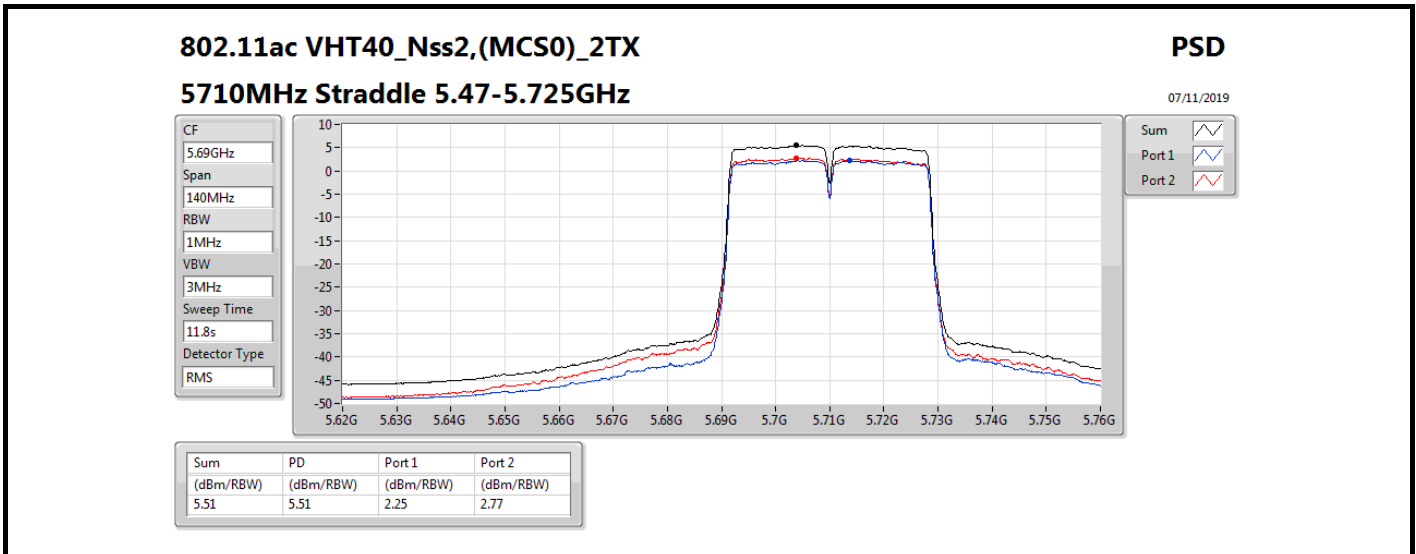
07/11/2019

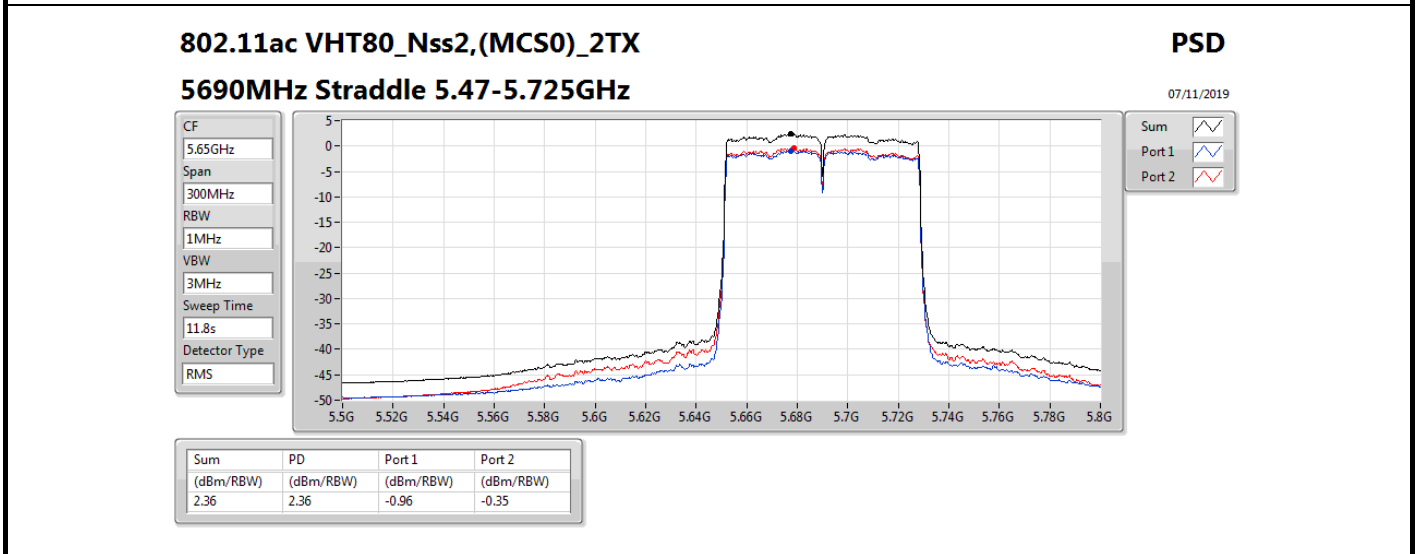
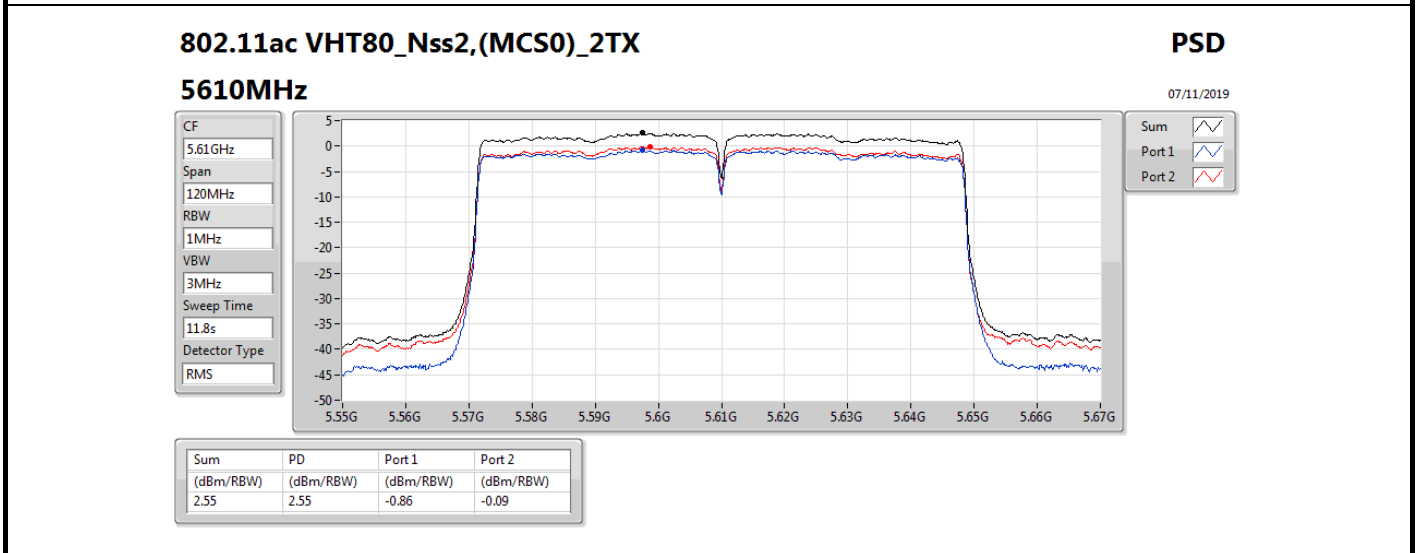
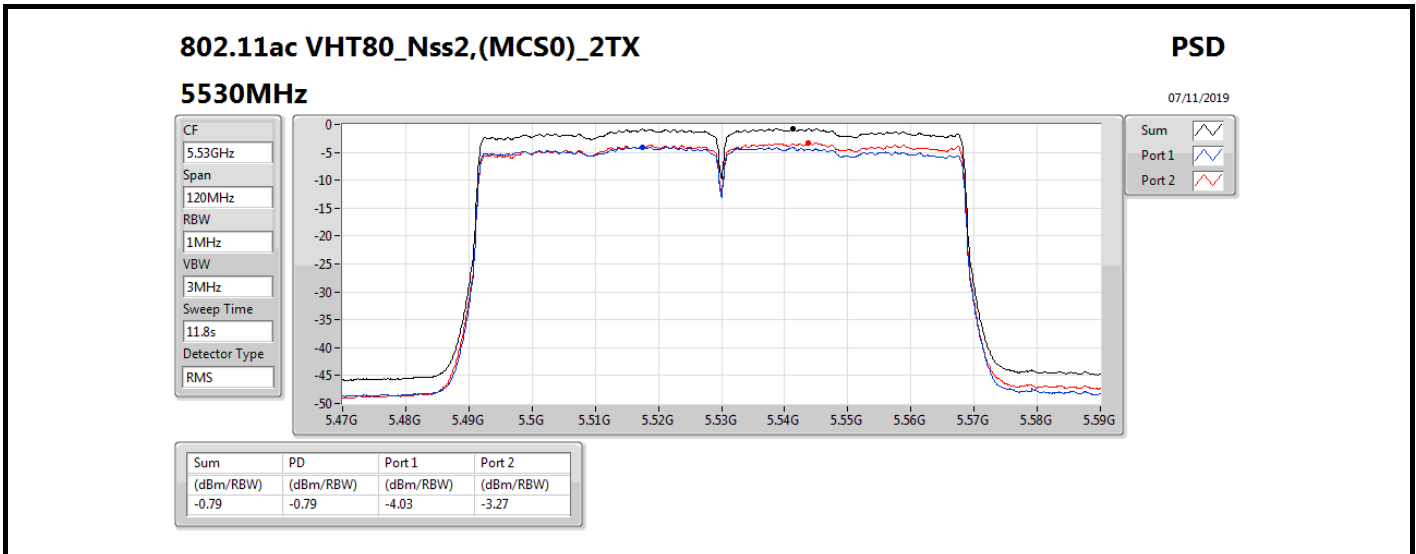
CF: 5.67GHz
Span: 60MHz
RBW: 1MHz
VBW: 3MHz
Sweep Time: 11.8s
Detector Type: RMS

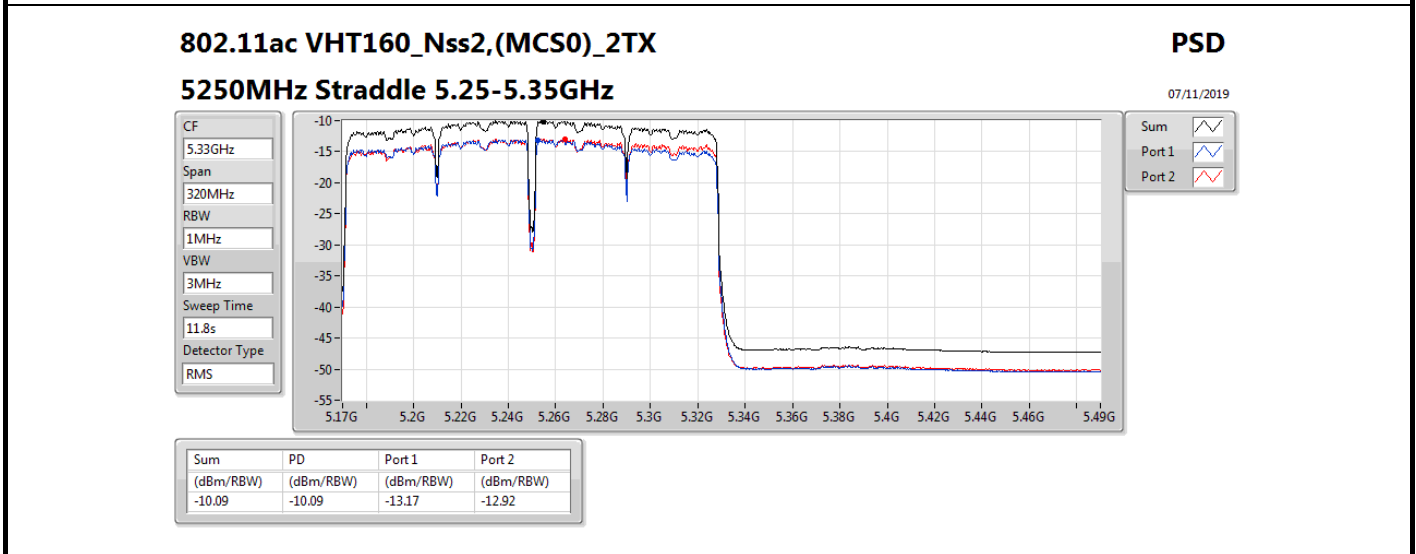
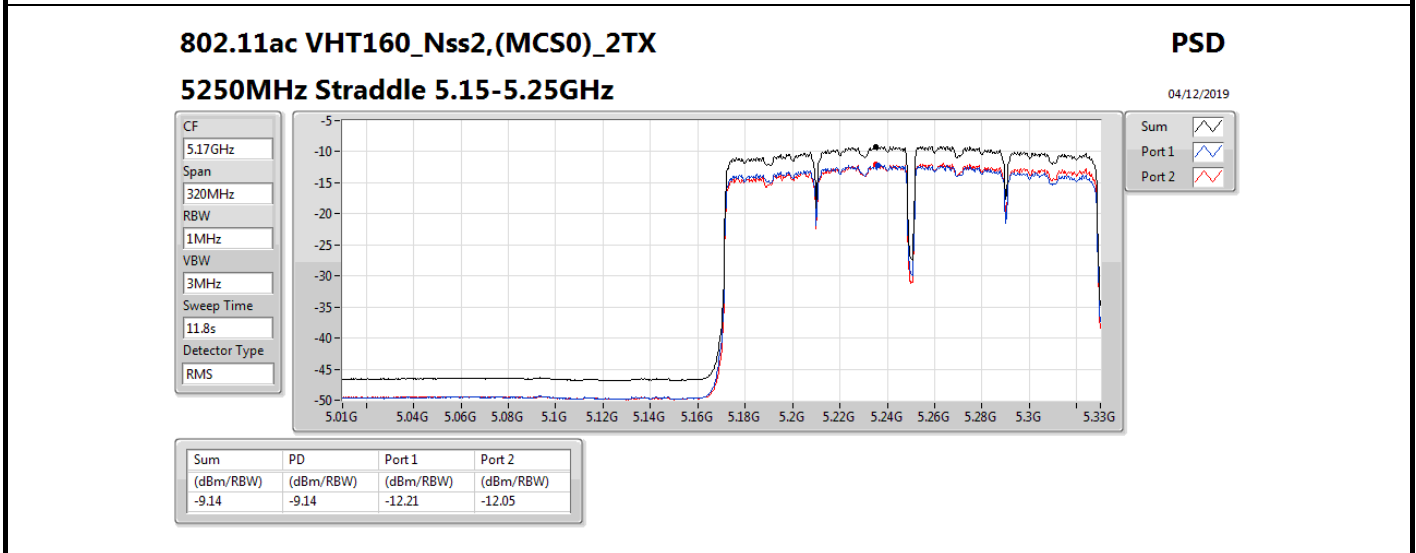
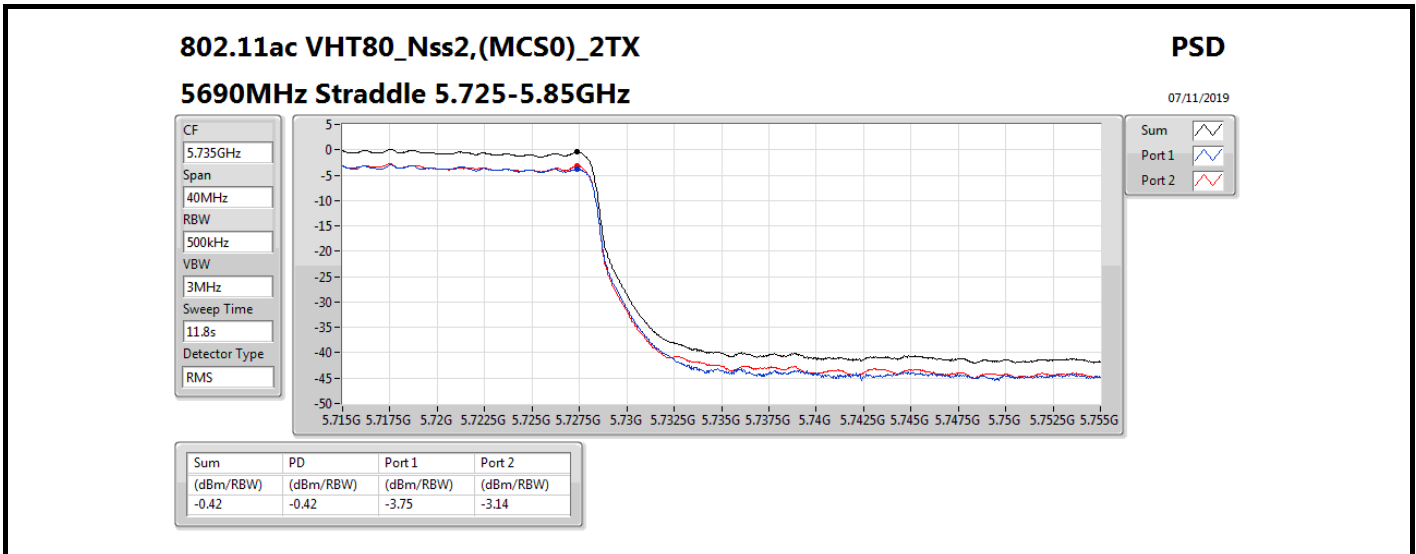


Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.47	2.47	-0.63	-0.40









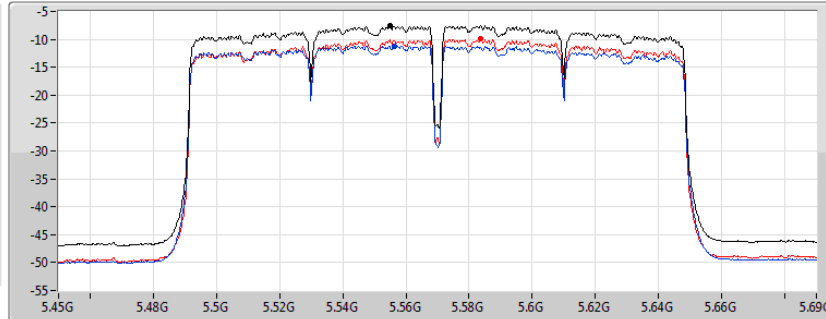
802.11ac VHT160_Nss2,(MCS0)_2TX

PSD

5570MHz

07/11/2019

CF
5.57GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
11.8s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.62	-7.62	-11.16	-9.95

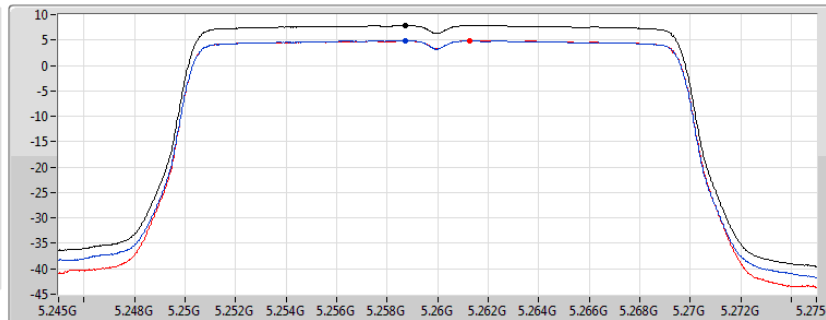
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5260MHz

06/11/2019

CF
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
11.8s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.85	7.85	4.86	4.83

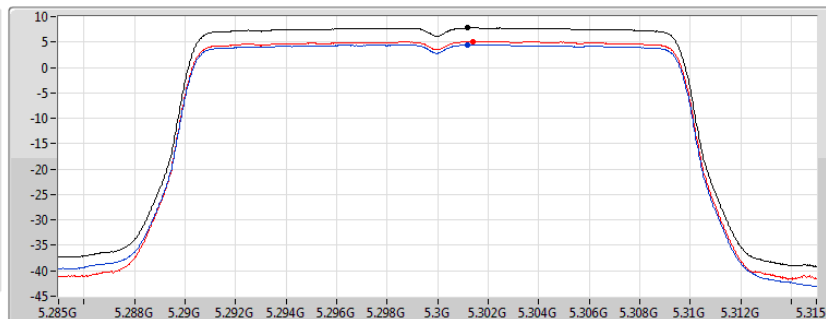
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5300MHz

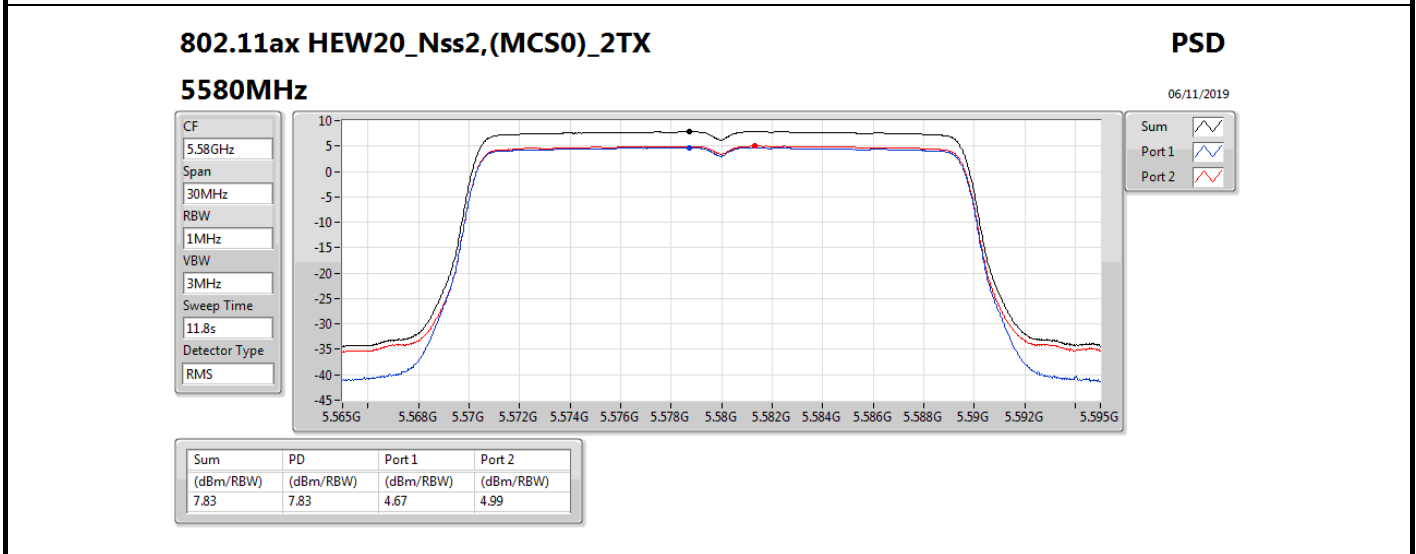
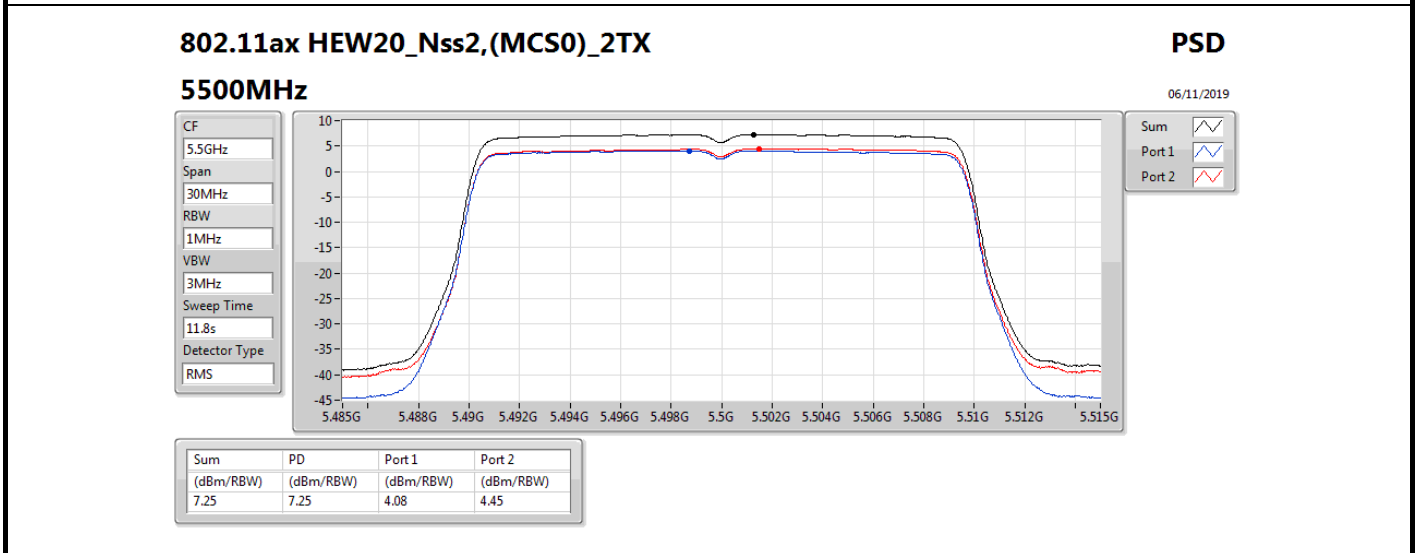
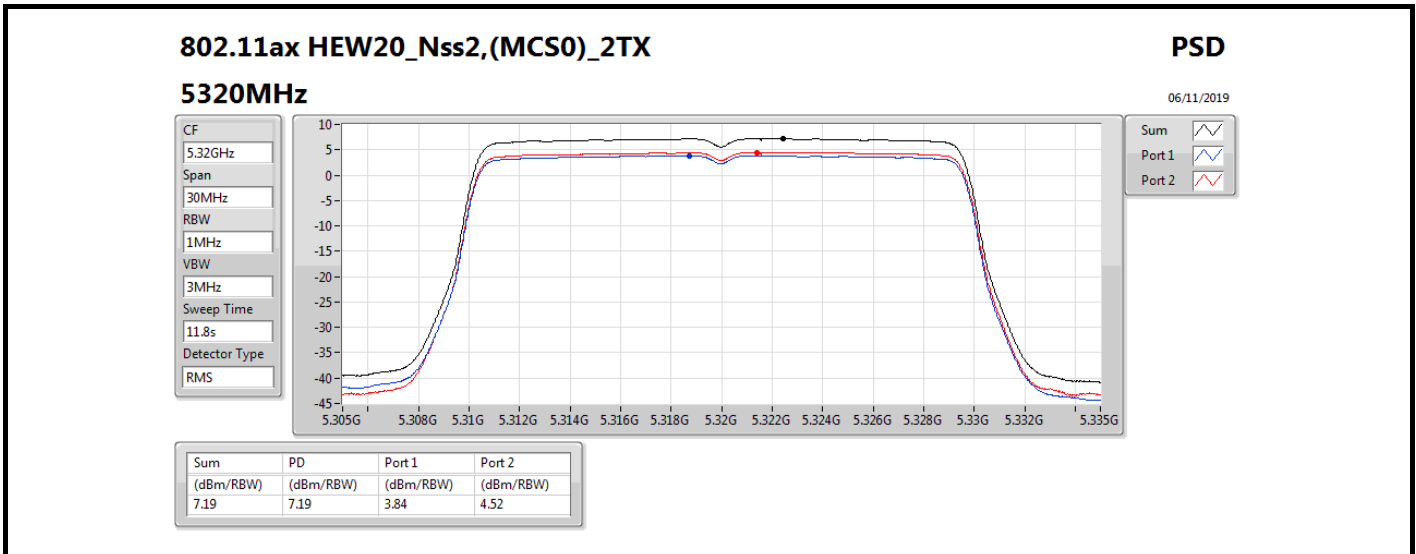
06/11/2019

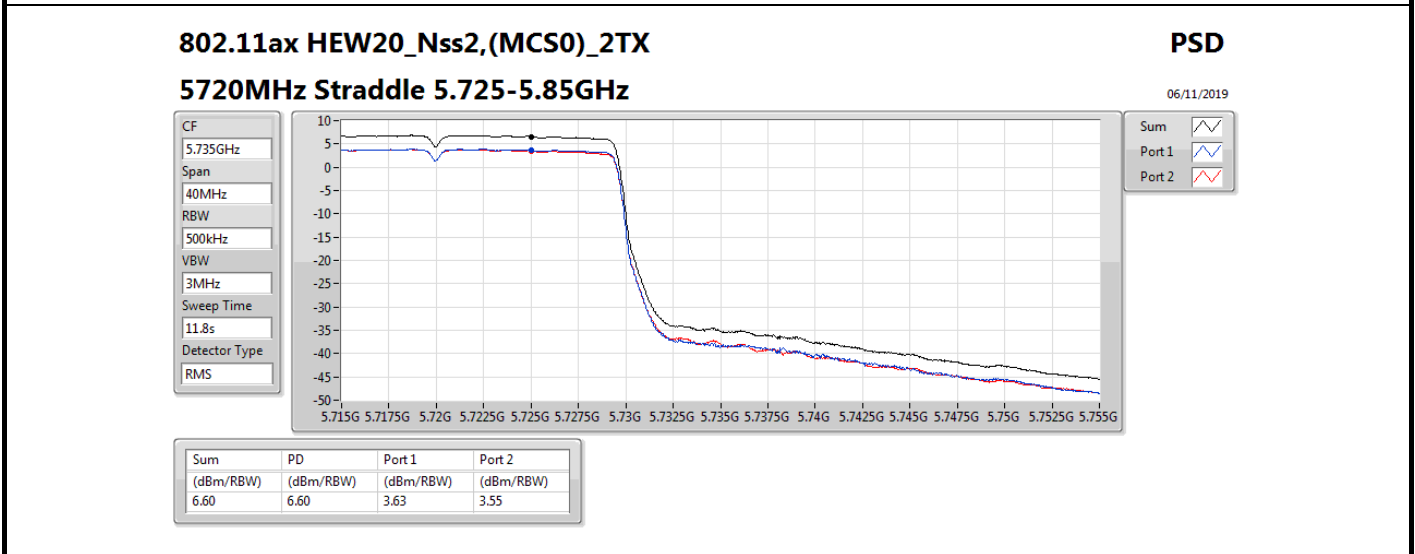
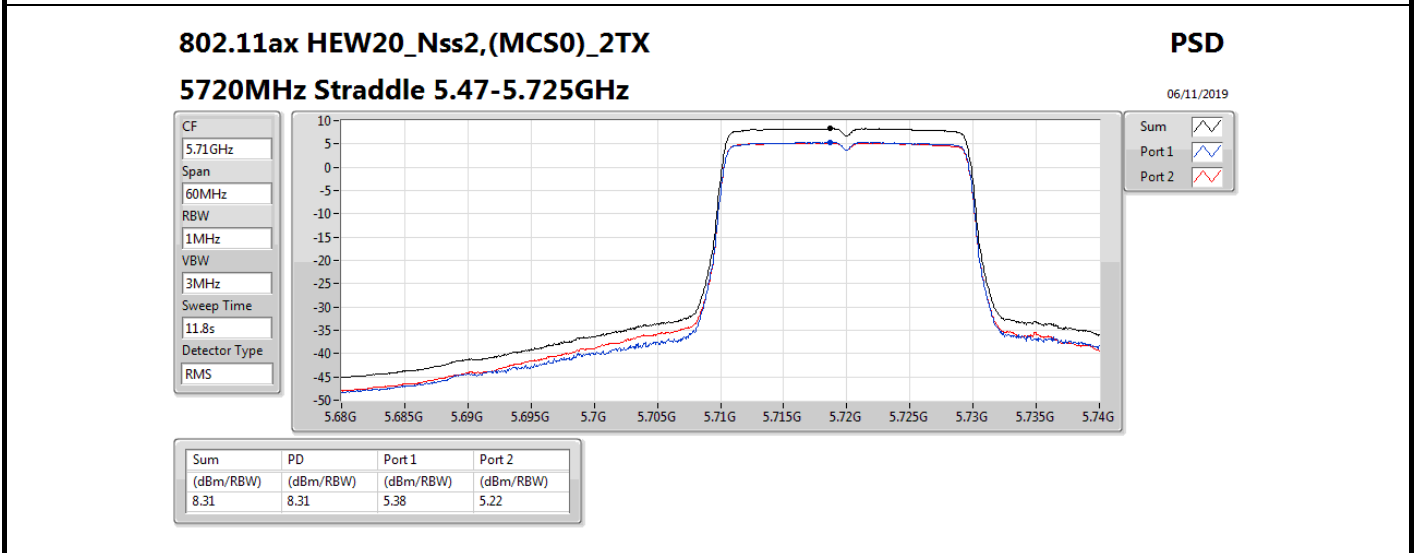
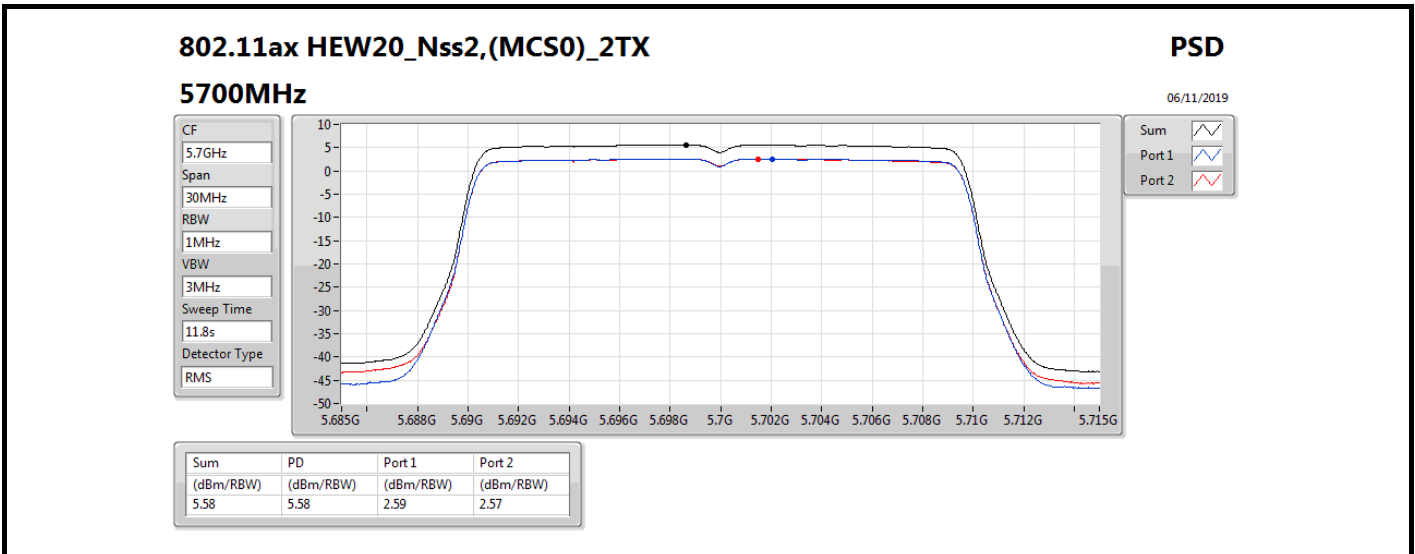
CF
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
11.8s
Detector Type
RMS

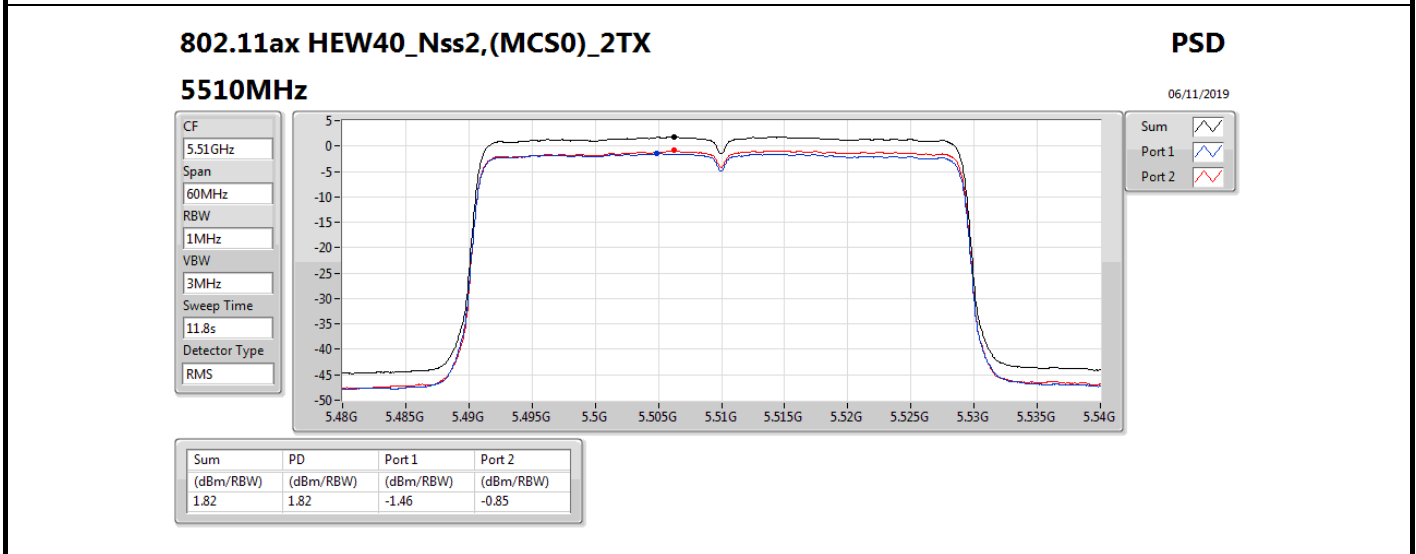
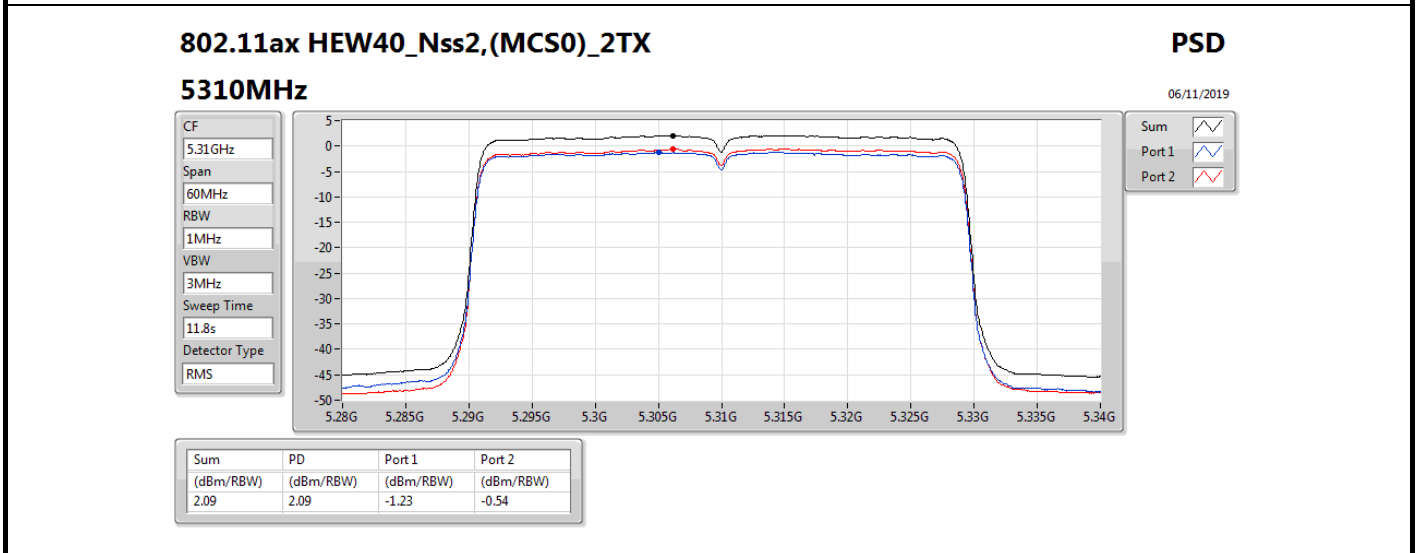
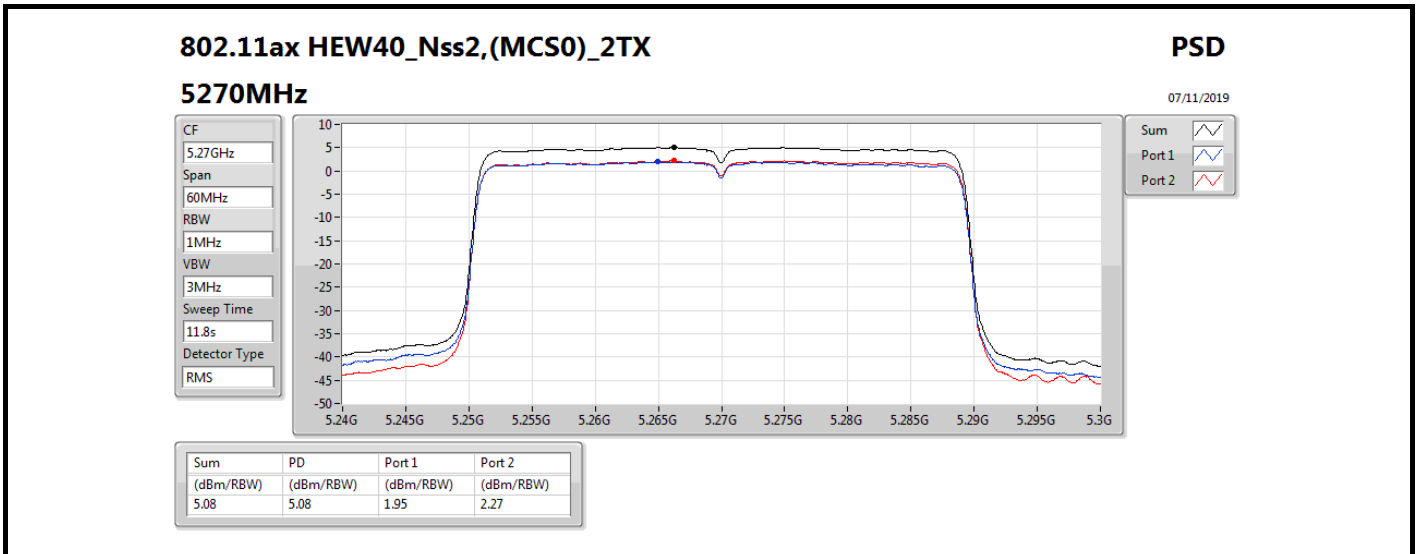


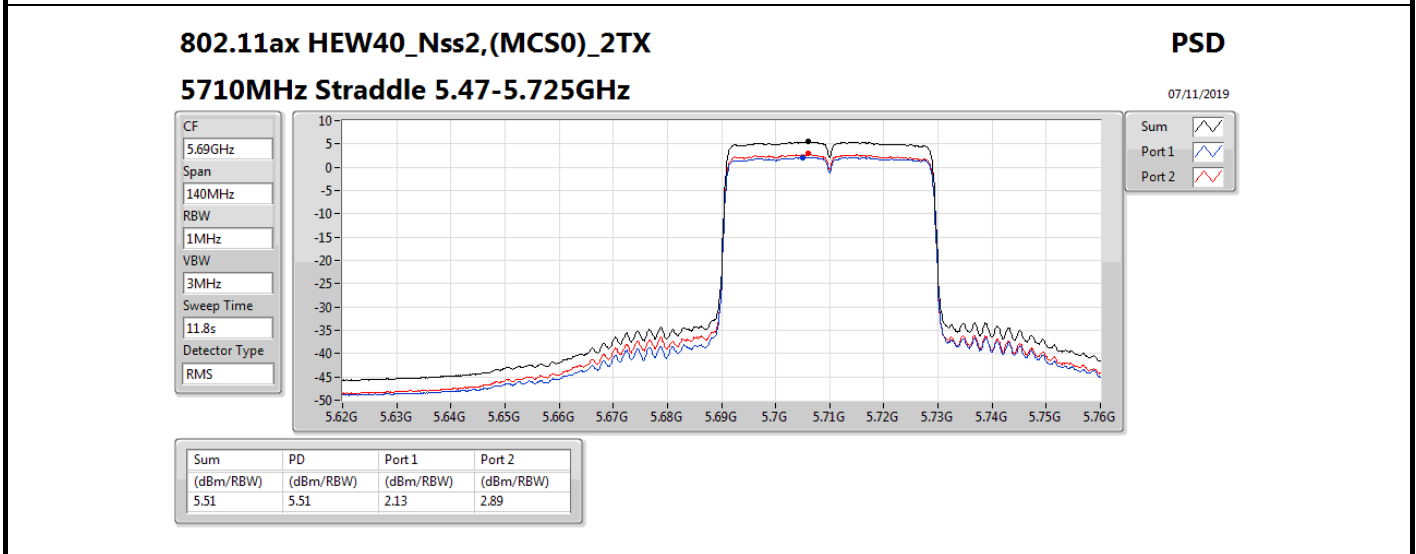
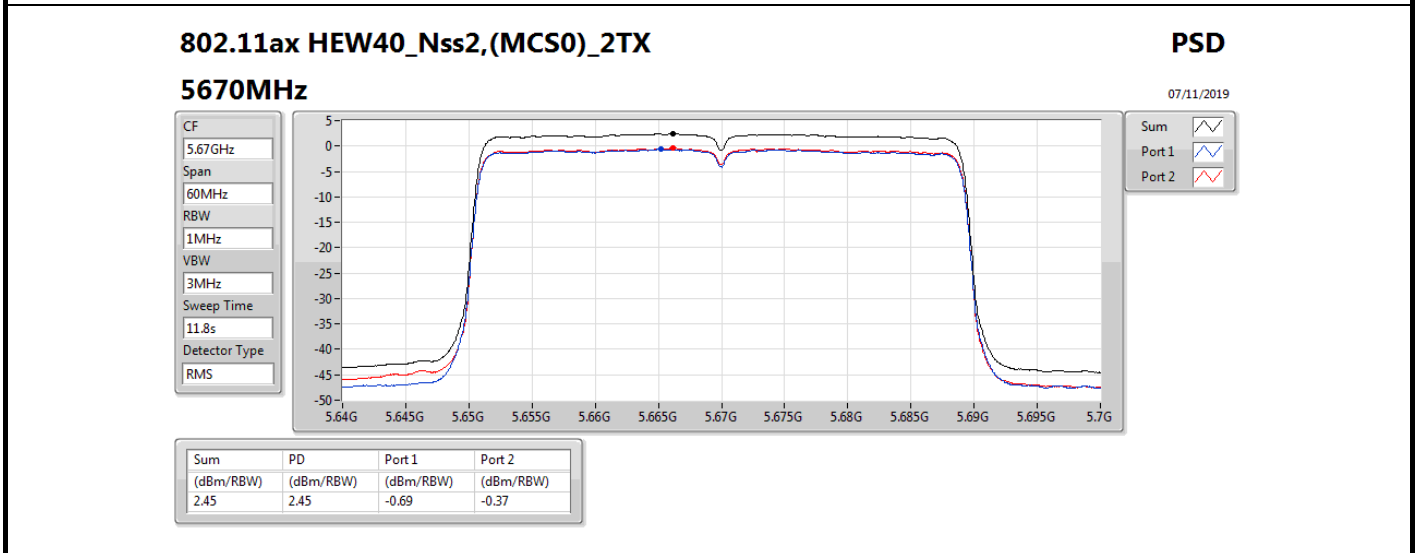
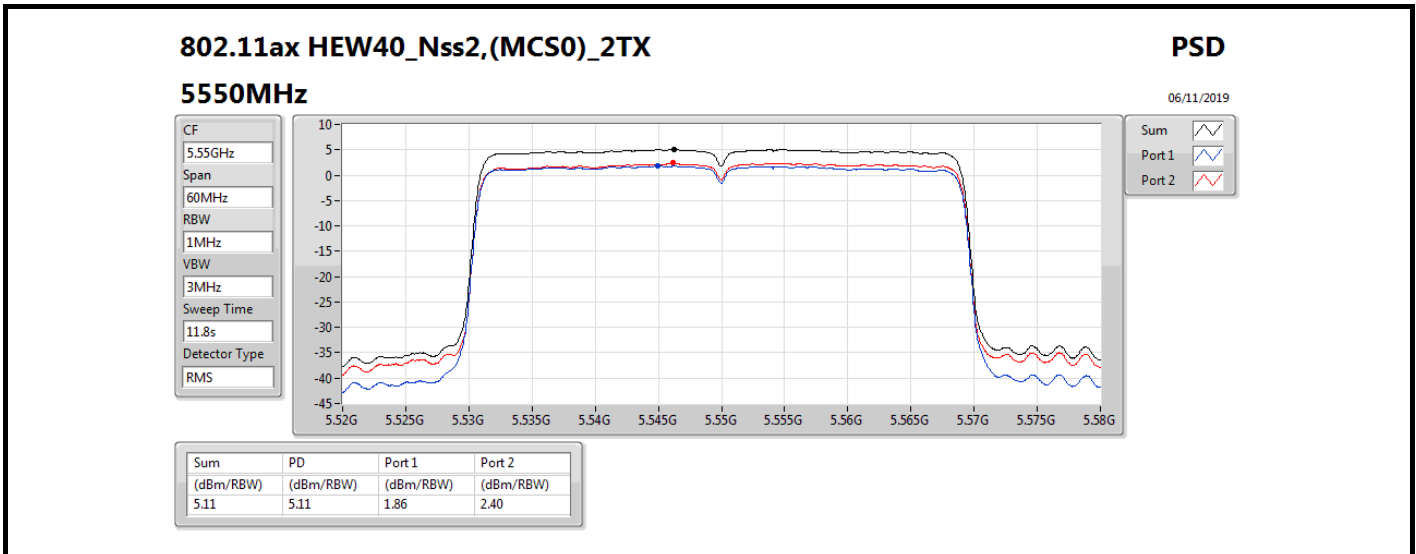
Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.79	7.79	4.52	5.06





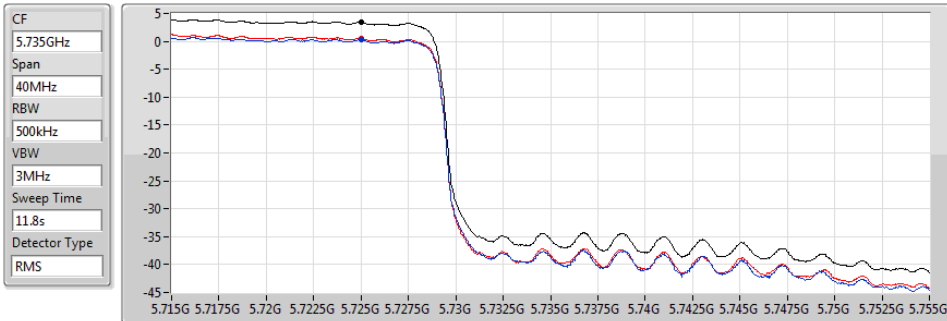




802.11ax HEW40_Nss2,(MCS0)_2TX
5710MHz Straddle 5.725-5.85GHz

PSD

07/11/2019



Sum

Port 1

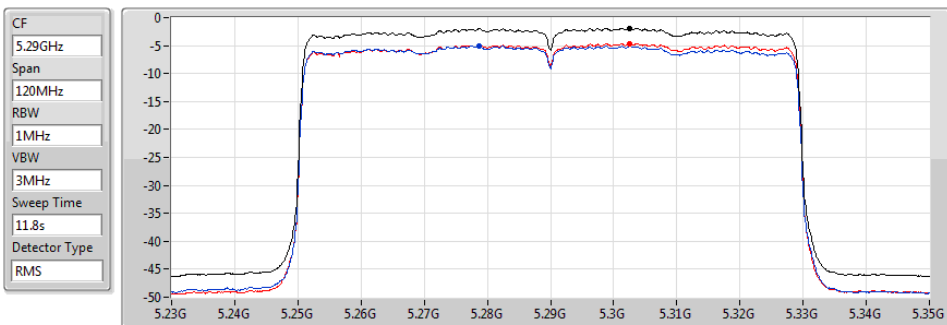
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.40	3.40	0.25	0.54

802.11ax HEW80_Nss2,(MCS0)_2TX
5290MHz

PSD

07/11/2019



Sum

Port 1

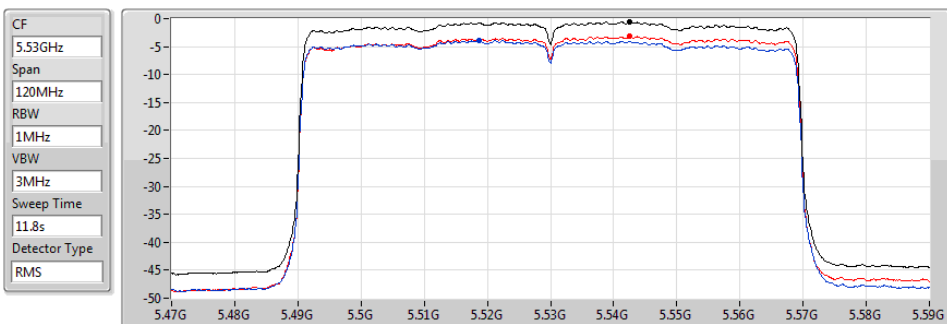
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.88	-1.88	-5.00	-4.65

802.11ax HEW80_Nss2,(MCS0)_2TX
5530MHz

PSD

07/11/2019



Sum

Port 1

Port 2

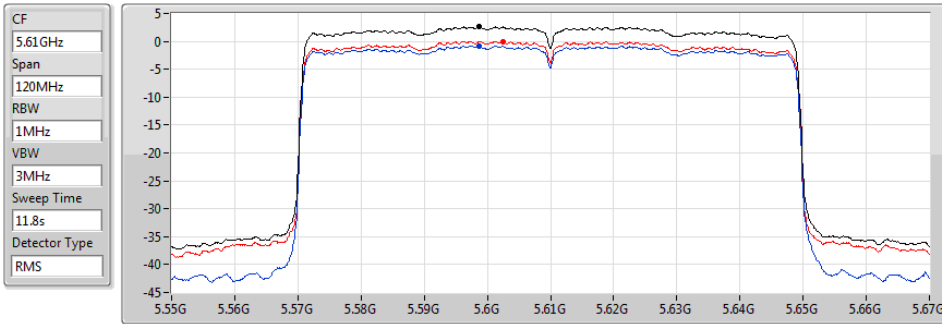
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.61	-0.61	-3.84	-3.20

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5610MHz

07/11/2019



Sum

Port 1

Port 2

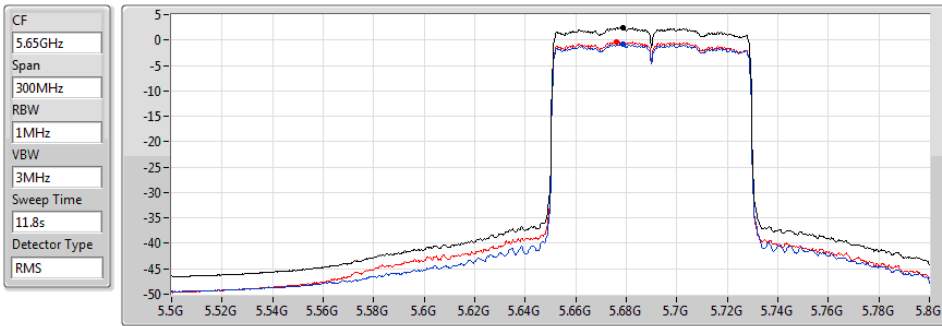
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.58	2.58	-0.80	-0.03

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

07/11/2019



Sum

Port 1

Port 2

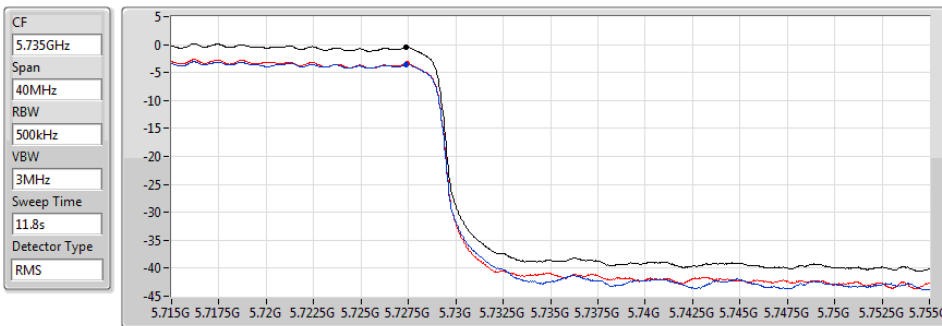
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.39	2.39	-0.83	-0.41

802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

07/11/2019

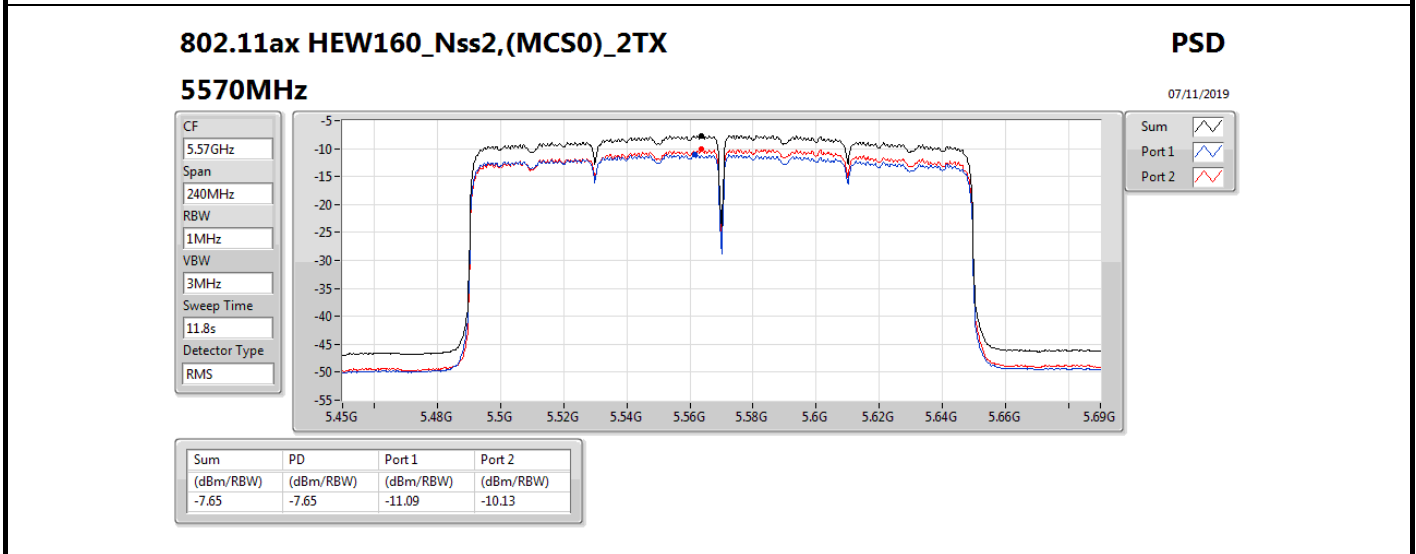
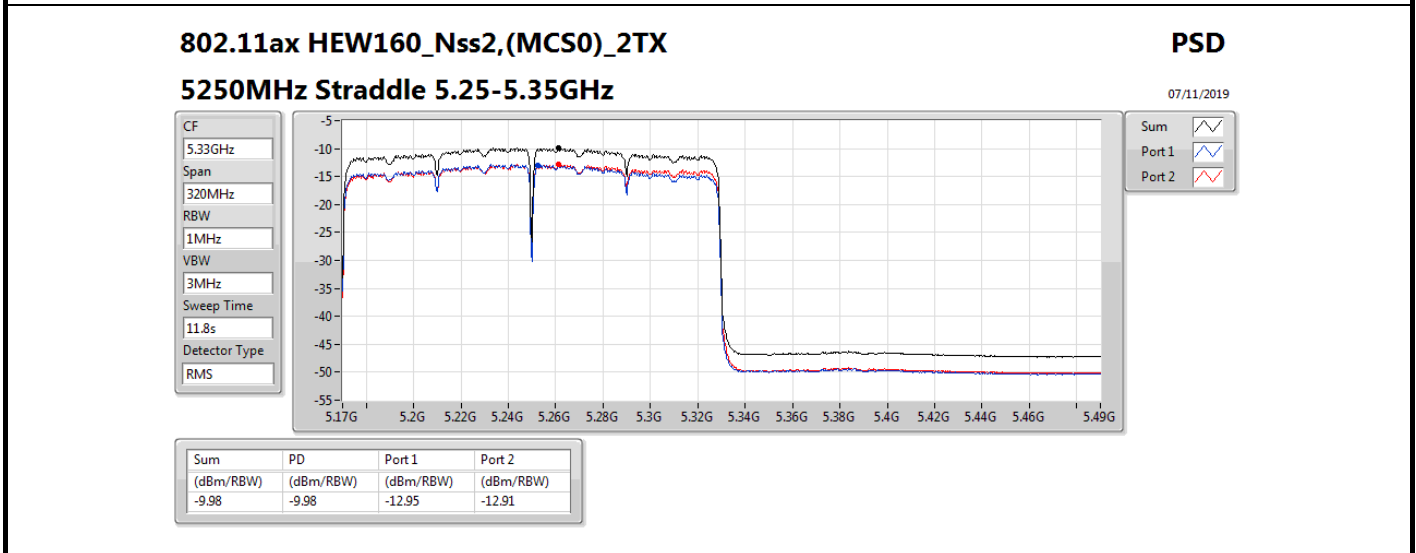
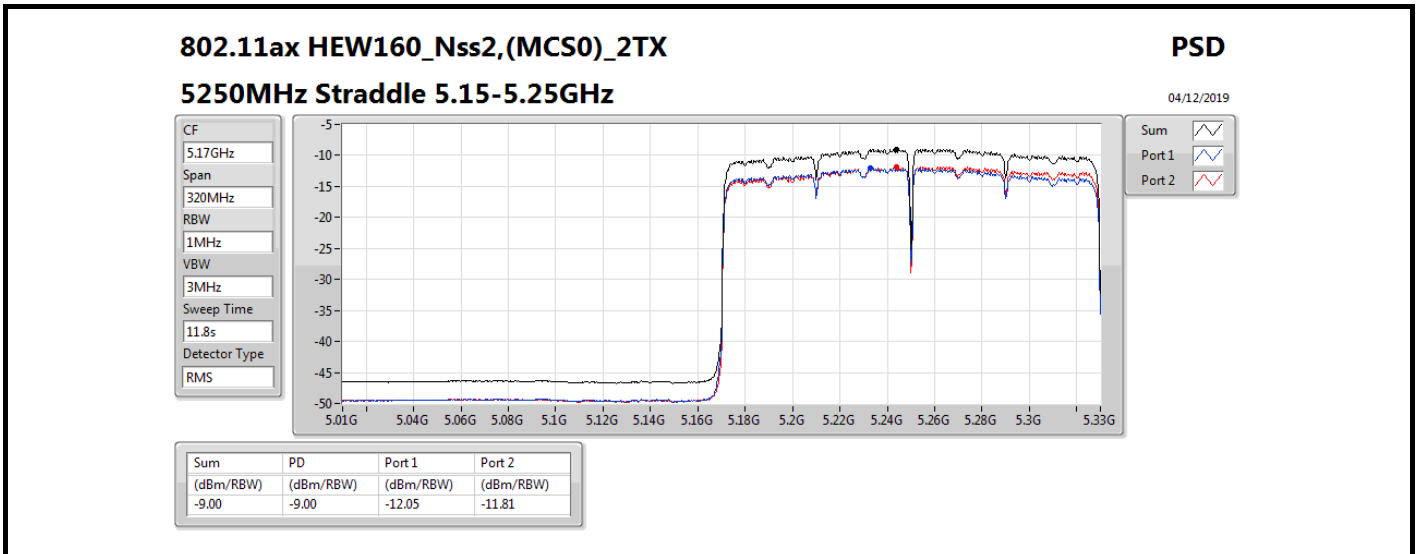


Sum

Port 1

Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.43	-0.43	-3.52	-3.36





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	-7.13	6.89
802.11ax HEW160_Nss1,(MCS0)_4TX	-7.13	6.89
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	2.90	16.92
802.11ac VHT20_Nss1,(MCS0)_4TX	2.84	16.86
802.11ac VHT40_Nss1,(MCS0)_4TX	2.83	16.85
802.11ac VHT80_Nss1,(MCS0)_4TX	-0.72	13.30
802.11ac VHT160_Nss1,(MCS0)_4TX	-7.42	6.60
802.11ax HEW20_Nss1,(MCS0)_4TX	2.83	16.85
802.11ax HEW40_Nss1,(MCS0)_4TX	2.76	16.78
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.64	13.38
802.11ax HEW160_Nss1,(MCS0)_4TX	-7.22	6.80
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	2.96	16.98
802.11ac VHT20_Nss1,(MCS0)_4TX	2.93	16.95
802.11ac VHT40_Nss1,(MCS0)_4TX	2.80	16.82
802.11ac VHT80_Nss1,(MCS0)_4TX	2.15	16.17
802.11ac VHT160_Nss1,(MCS0)_4TX	-4.85	9.17
802.11ax HEW20_Nss1,(MCS0)_4TX	2.93	16.95
802.11ax HEW40_Nss1,(MCS0)_4TX	2.71	16.73
802.11ax HEW80_Nss1,(MCS0)_4TX	2.30	16.32
802.11ax HEW160_Nss1,(MCS0)_4TX	-4.71	9.31
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	0.97	14.99
802.11ac VHT20_Nss1,(MCS0)_4TX	1.00	15.02
802.11ac VHT40_Nss1,(MCS0)_4TX	0.23	14.25
802.11ac VHT80_Nss1,(MCS0)_4TX	-0.95	13.07
802.11ax HEW20_Nss1,(MCS0)_4TX	0.93	14.95
802.11ax HEW40_Nss1,(MCS0)_4TX	0.26	14.28
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.66	13.36

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)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	14.02	-3.26	-2.96	-3.16	-3.58	2.75	2.98	16.77	17.00
5300MHz	Pass	14.02	-3.31	-2.80	-2.98	-3.45	2.83	2.98	16.85	17.00
5320MHz	Pass	14.02	-3.40	-2.64	-2.89	-3.35	2.90	2.98	16.92	17.00
5500MHz	Pass	14.02	-3.25	-2.84	-2.72	-3.59	2.91	2.98	16.93	17.00
5580MHz	Pass	14.02	-3.20	-2.79	-2.75	-3.50	2.96	2.98	16.98	17.00
5700MHz	Pass	14.02	-3.14	-3.12	-2.80	-3.05	2.88	2.98	16.90	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.18	-3.25	-3.01	-3.10	2.74	2.98	16.76	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	14.02	-5.09	-5.14	-5.13	-4.73	0.97	21.98	14.99	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	14.02	-3.28	-3.09	-3.21	-3.44	2.72	2.98	16.74	17.00
5300MHz	Pass	14.02	-3.40	-3.15	-3.08	-3.32	2.71	2.98	16.73	17.00
5320MHz	Pass	14.02	-3.52	-2.76	-3.00	-3.28	2.84	2.98	16.86	17.00
5500MHz	Pass	14.02	-3.29	-2.94	-2.95	-3.58	2.77	2.98	16.79	17.00
5580MHz	Pass	14.02	-3.12	-2.89	-2.83	-3.44	2.91	2.98	16.93	17.00
5700MHz	Pass	14.02	-4.65	-4.69	-4.39	-4.44	1.39	2.98	15.41	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	14.02	-2.99	-3.15	-2.98	-2.92	2.93	2.98	16.95	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	14.02	-4.92	-5.16	-4.79	-4.97	1.00	21.98	15.02	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	14.02	-3.44	-2.99	-3.01	-3.15	2.83	2.98	16.85	17.00
5310MHz	Pass	14.02	-5.53	-4.80	-4.78	-5.05	0.92	2.98	14.94	17.00
5510MHz	Pass	14.02	-5.31	-4.43	-4.74	-5.15	1.08	2.98	15.10	17.00
5550MHz	Pass	14.02	-4.04	-3.23	-3.58	-3.95	2.28	2.98	16.30	17.00
5670MHz	Pass	14.02	-4.29	-3.50	-3.53	-3.57	2.20	2.98	16.22	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.83	-2.77	-3.14	-3.00	2.80	2.98	16.82	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	14.02	-6.32	-5.67	-5.47	-5.65	0.23	21.98	14.25	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	14.02	-6.88	-6.50	-6.48	-7.02	-0.72	2.98	13.30	17.00
5530MHz	Pass	14.02	-6.71	-5.96	-6.03	-6.38	-0.29	2.98	13.73	17.00
5610MHz	Pass	14.02	-4.19	-3.65	-3.60	-3.89	2.07	2.98	16.09	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	14.02	-4.17	-3.66	-3.60	-3.65	2.15	2.98	16.17	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	14.02	-7.11	-7.20	-6.53	-6.91	-0.95	21.98	13.07	36.00
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.02	-13.45	-13.06	-12.97	-13.10	-7.13	8.98	6.89	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	14.02	-13.67	-13.55	-13.00	-13.53	-7.42	2.98	6.60	17.00
5570MHz	Pass	14.02	-11.35	-10.42	-10.81	-10.56	-4.85	2.98	9.17	17.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	14.02	-3.32	-3.02	-3.10	-3.45	2.78	2.98	16.80	17.00
5300MHz	Pass	14.02	-3.41	-3.09	-2.99	-3.37	2.76	2.98	16.78	17.00
5320MHz	Pass	14.02	-3.47	-2.91	-3.00	-3.28	2.83	2.98	16.85	17.00
5500MHz	Pass	14.02	-3.23	-3.12	-3.11	-3.73	2.68	2.98	16.70	17.00
5580MHz	Pass	14.02	-3.10	-2.78	-2.83	-3.37	2.93	2.98	16.95	17.00
5700MHz	Pass	14.02	-4.42	-4.58	-4.59	-4.35	1.45	2.98	15.47	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	14.02	-2.97	-3.24	-3.26	-2.90	2.80	2.98	16.82	17.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	14.02	-5.04	-5.16	-5.03	-4.89	0.93	21.98	14.95	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	14.02	-3.47	-3.02	-3.12	-3.26	2.76	2.98	16.78	17.00
5310MHz	Pass	14.02	-5.50	-4.75	-4.93	-5.13	0.90	2.98	14.92	17.00
5510MHz	Pass	14.02	-5.18	-4.57	-4.82	-5.16	1.05	2.98	15.07	17.00
5550MHz	Pass	14.02	-3.96	-3.31	-3.63	-3.98	2.25	2.98	16.27	17.00
5670MHz	Pass	14.02	-4.41	-3.69	-3.71	-3.63	2.12	2.98	16.14	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.91	-2.98	-3.13	-3.10	2.71	2.98	16.73	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	14.02	-6.23	-5.61	-5.48	-5.59	0.26	21.98	14.28	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	14.02	-6.80	-6.46	-6.40	-6.75	-0.64	2.98	13.38	17.00
5530MHz	Pass	14.02	-6.58	-5.71	-5.82	-6.27	-0.13	2.98	13.89	17.00
5610MHz	Pass	14.02	-4.22	-3.52	-3.42	-3.76	2.18	2.98	16.20	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	14.02	-3.95	-3.44	-3.40	-3.61	2.30	2.98	16.32	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	14.02	-6.78	-6.90	-6.18	-6.86	-0.66	21.98	13.36	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	14.02	-13.40	-13.19	-12.88	-13.08	-7.13	8.98	6.89	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	14.02	-13.24	-13.28	-13.04	-13.33	-7.22	2.98	6.80	17.00
5570MHz	Pass	14.02	-11.19	-10.25	-10.63	-10.67	-4.71	2.98	9.31	17.00

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

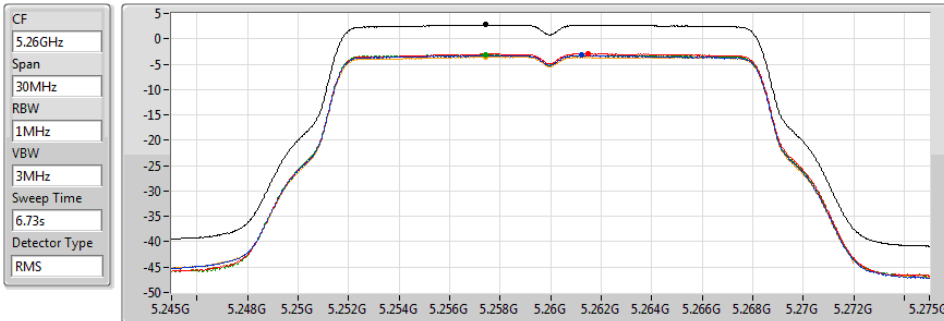
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

07/11/2019



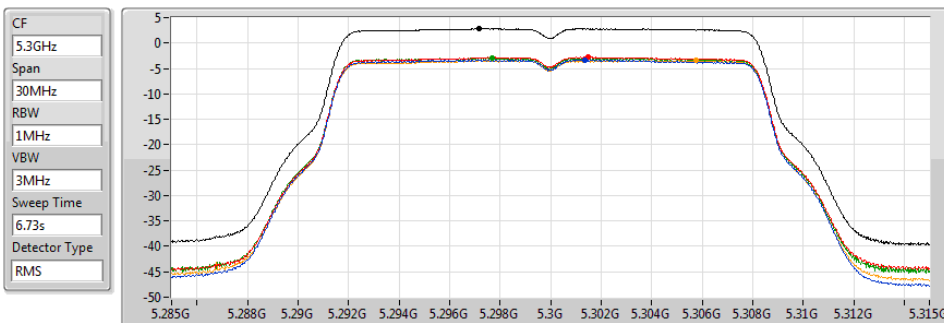
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.75	2.75	-3.26	-2.96	-3.16	-3.58

802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

07/11/2019



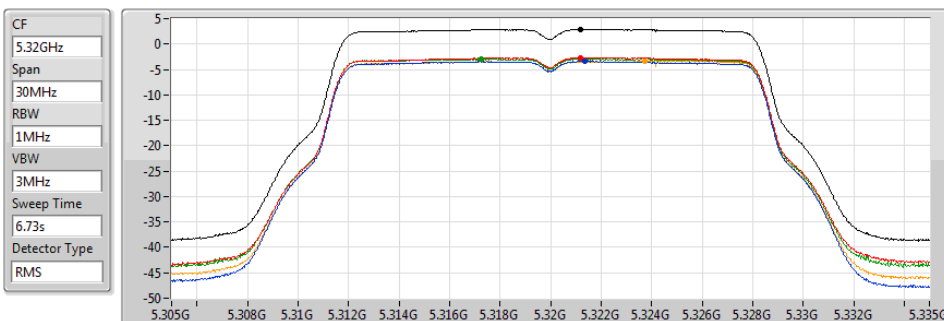
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.83	2.83	-3.31	-2.80	-2.98	-3.45

802.11a_Nss1,(6Mbps)_4TX

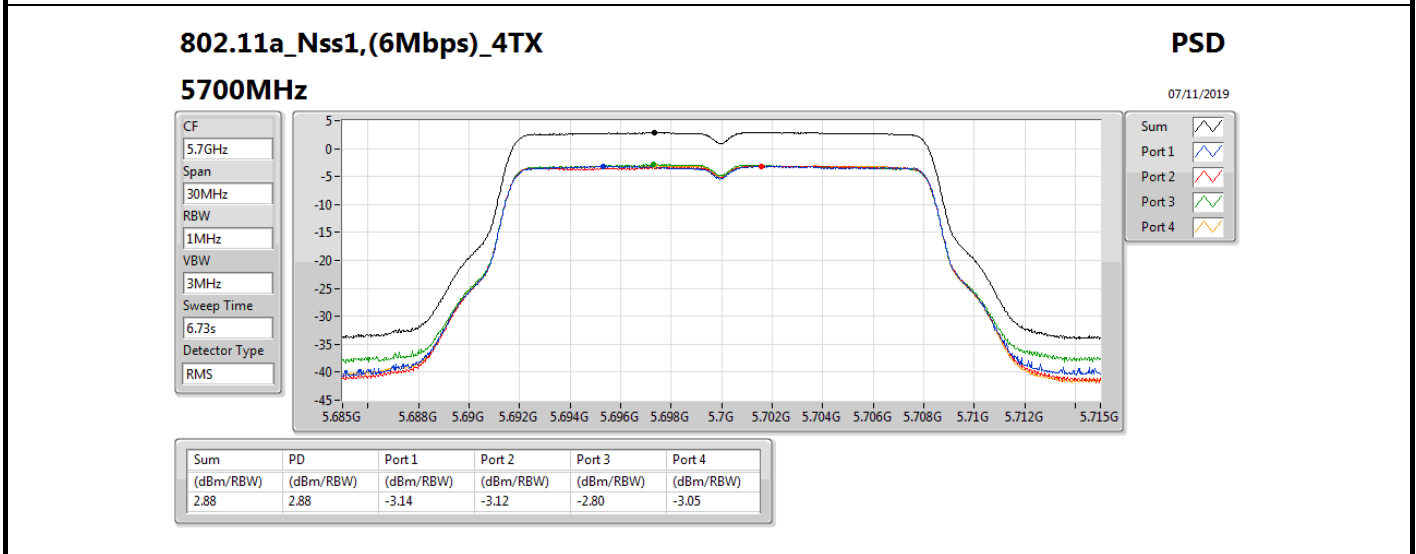
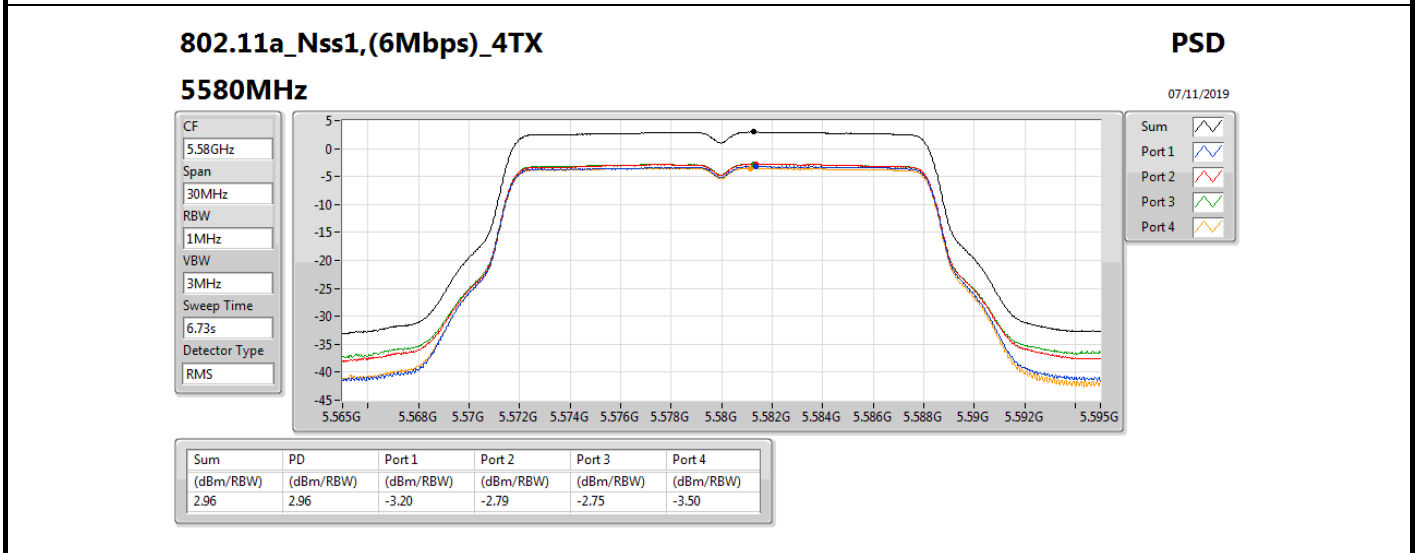
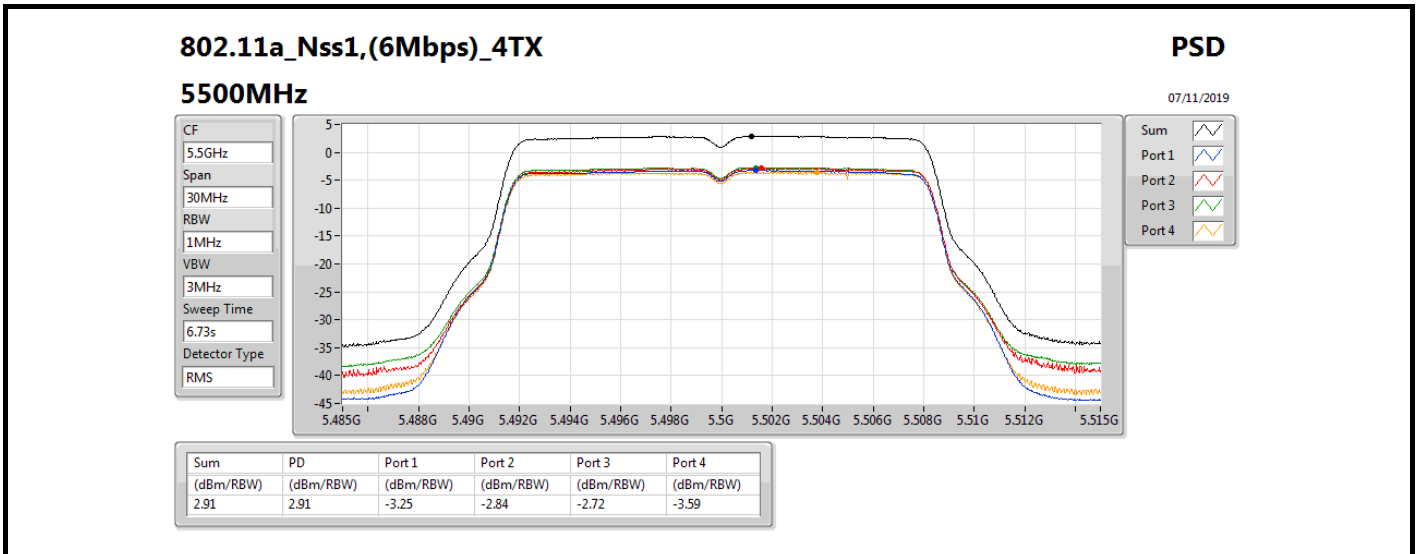
PSD

5320MHz

07/11/2019



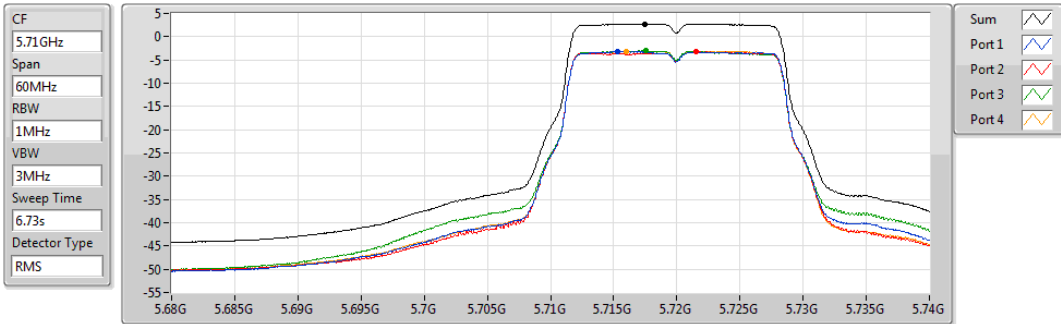
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.90	2.90	-3.40	-2.64	-2.89	-3.35



802.11a_Nss1,(6Mbps)_4TX
5720MHz Straddle 5.47-5.725GHz

PSD

07/11/2019

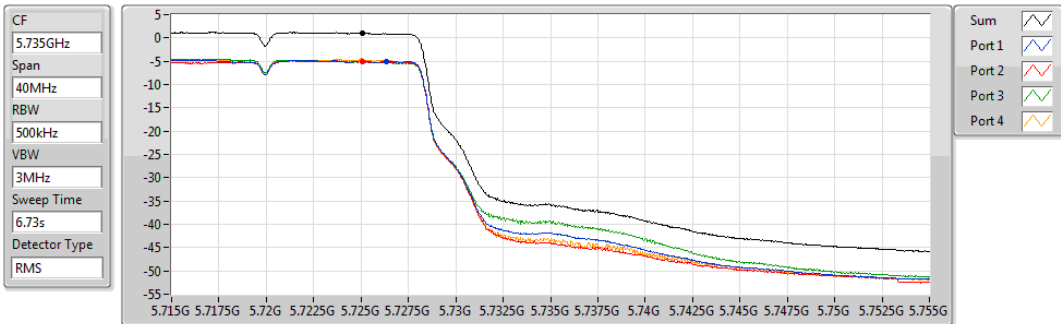


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.74	2.74	-3.18	-3.25	-3.01	-3.10

802.11a_Nss1,(6Mbps)_4TX
5720MHz Straddle 5.725-5.85GHz

PSD

07/11/2019

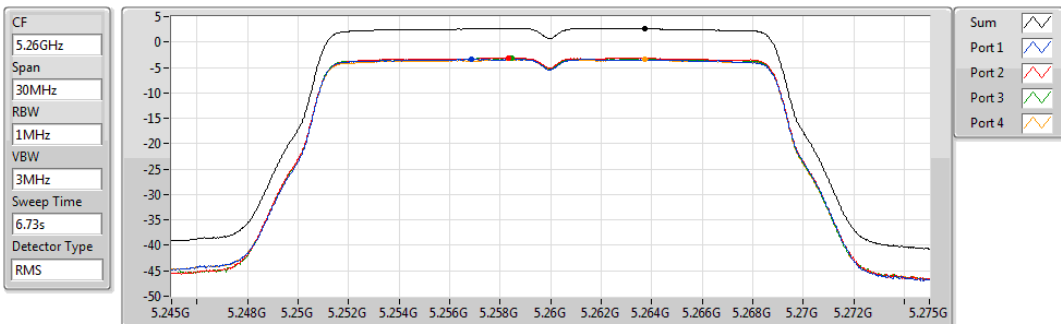


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.97	0.97	-5.09	-5.14	-5.13	-4.73

802.11ac VHT20_Nss1,(MCS0)_4TX
5260MHz

PSD

07/11/2019



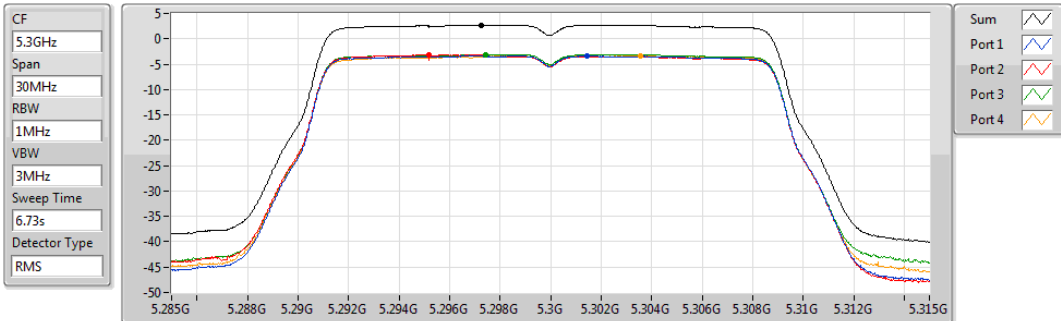
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.72	2.72	-3.28	-3.09	-3.21	-3.44

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

07/11/2019



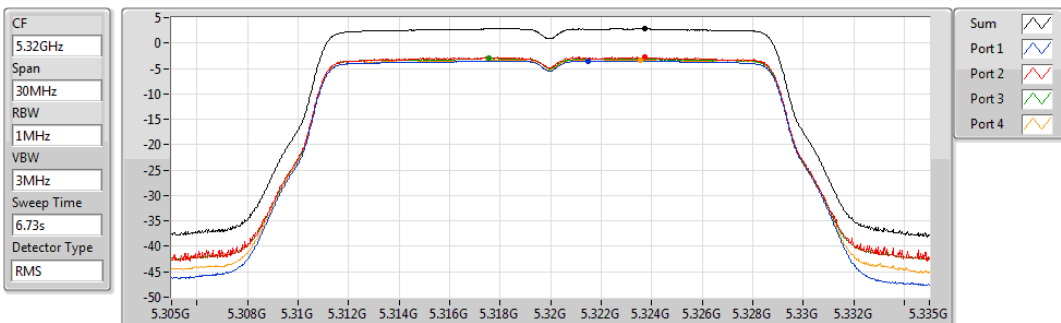
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.71	2.71	-3.40	-3.15	-3.08	-3.32

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

07/11/2019



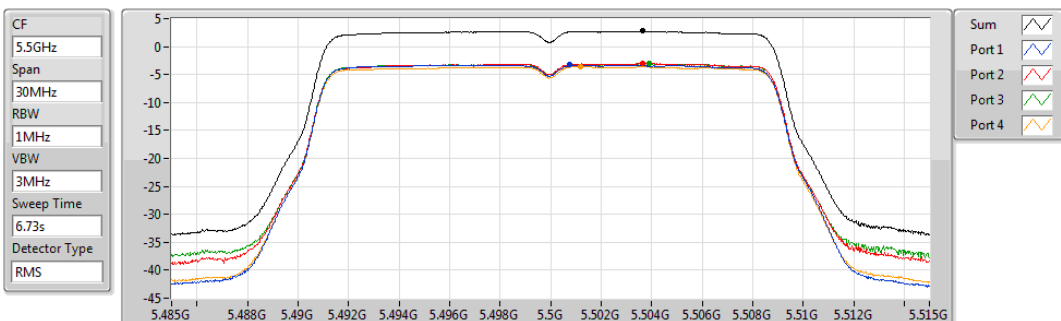
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.84	2.84	-3.52	-2.76	-3.00	-3.28

802.11ac VHT20_Nss1,(MCS0)_4TX

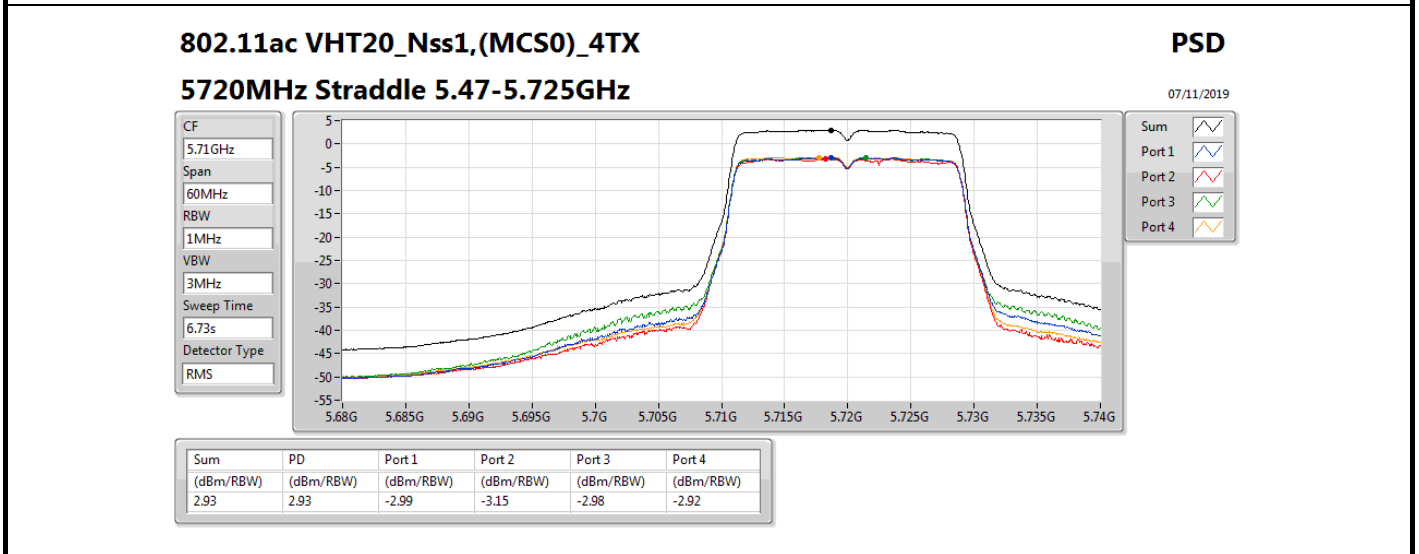
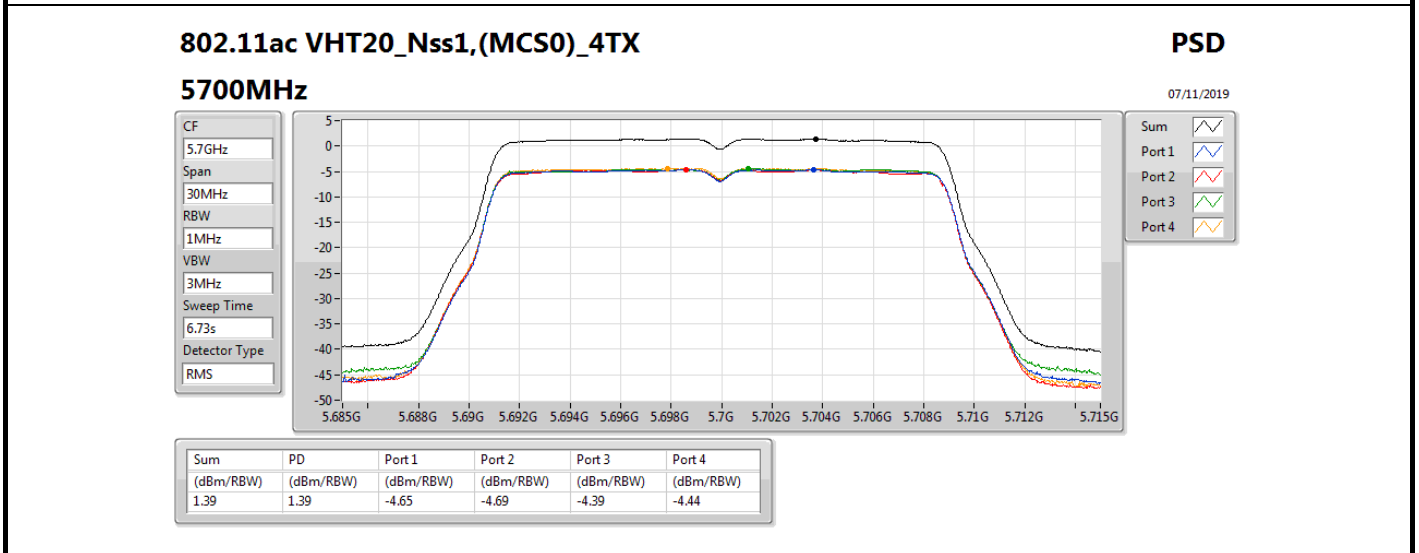
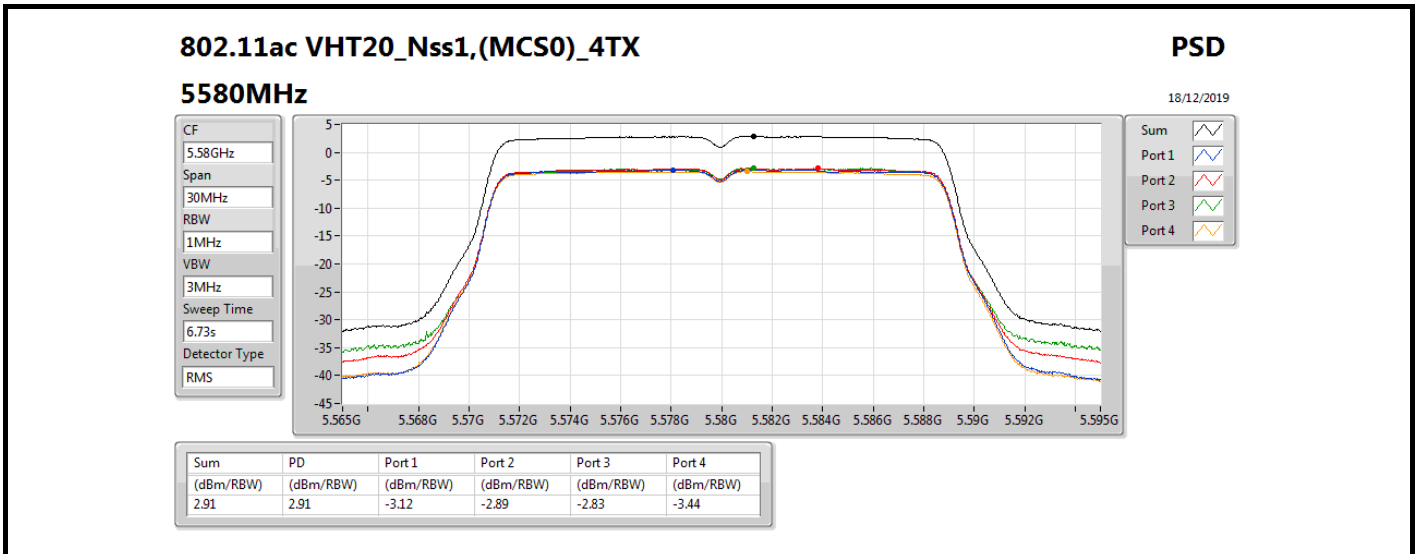
PSD

5500MHz

07/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.77	2.77	-3.29	-2.94	-2.95	-3.58



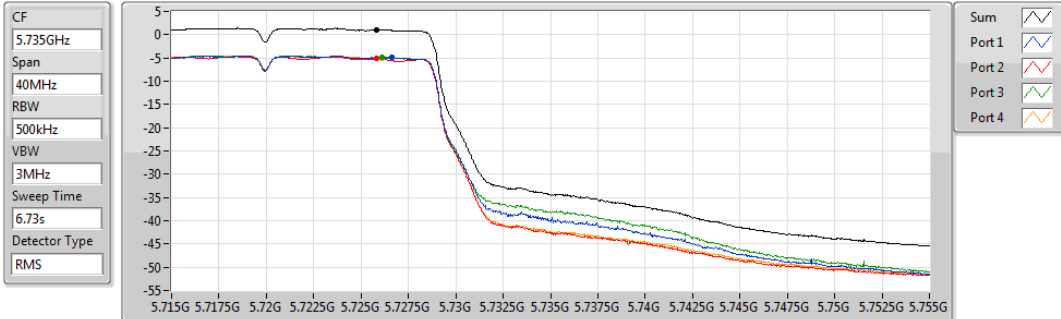


802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

07/11/2019



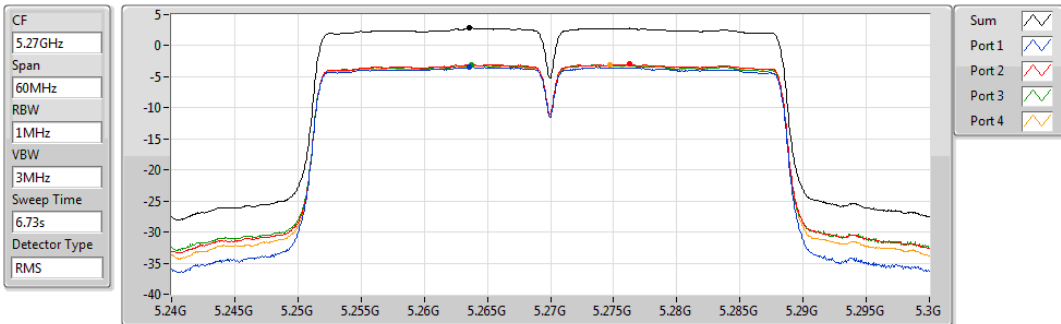
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.00	1.00	-4.92	-5.16	-4.79	-4.97

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

08/11/2019



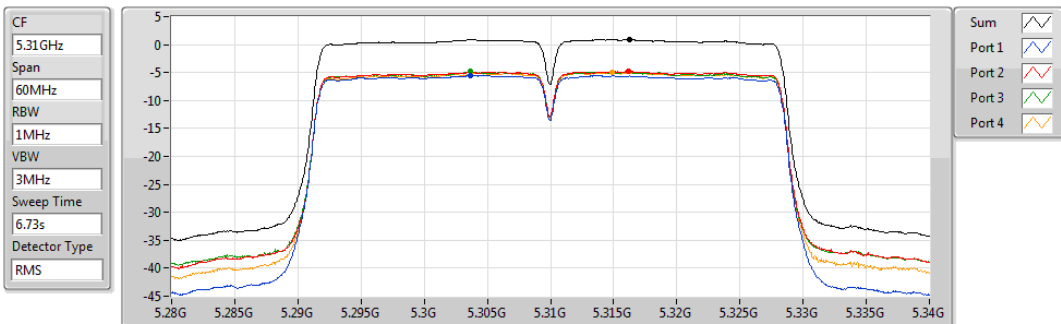
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.83	2.83	-3.44	-2.99	-3.01	-3.15

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5310MHz

08/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.92	0.92	-5.53	-4.80	-4.78	-5.05

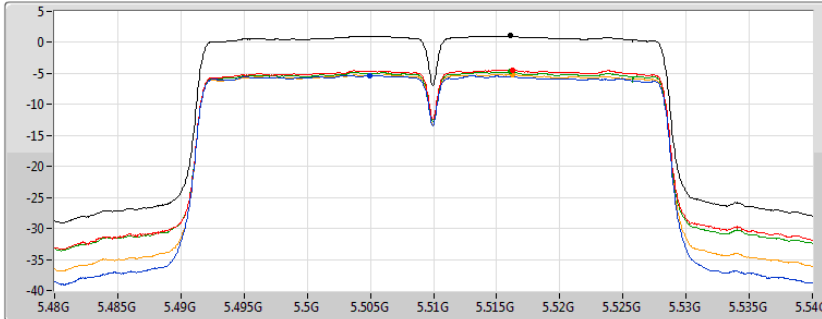
802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5510MHz

08/11/2019

CF 5.51GHz
 Span 60MHz
 RBW 1MHz
 VBW 3MHz
 Sweep Time 6.73s
 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)
1.08	1.08	-5.31	-4.43	-4.74	-5.15

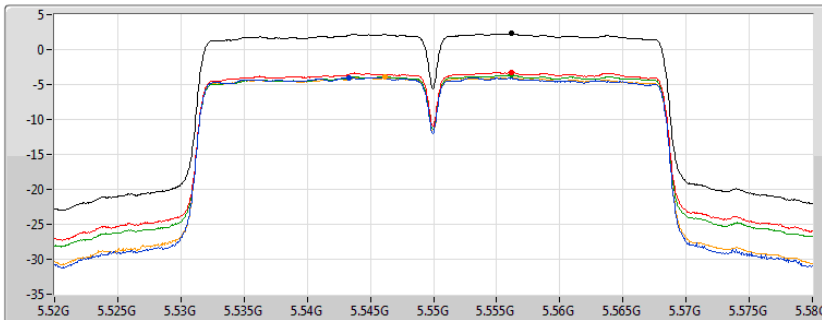
802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5550MHz

08/11/2019

CF 5.55GHz
 Span 60MHz
 RBW 1MHz
 VBW 3MHz
 Sweep Time 6.73s
 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)
2.28	2.28	-4.04	-3.23	-3.58	-3.95

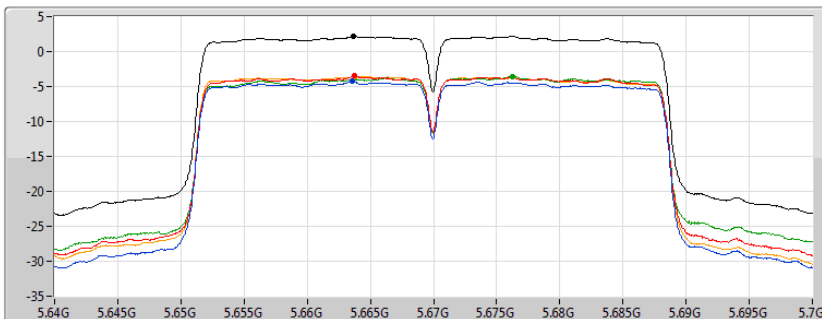
802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5670MHz

08/11/2019

CF 5.67GHz
 Span 60MHz
 RBW 1MHz
 VBW 3MHz
 Sweep Time 6.73s
 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	-4.29	-3.50	-3.53	-3.57

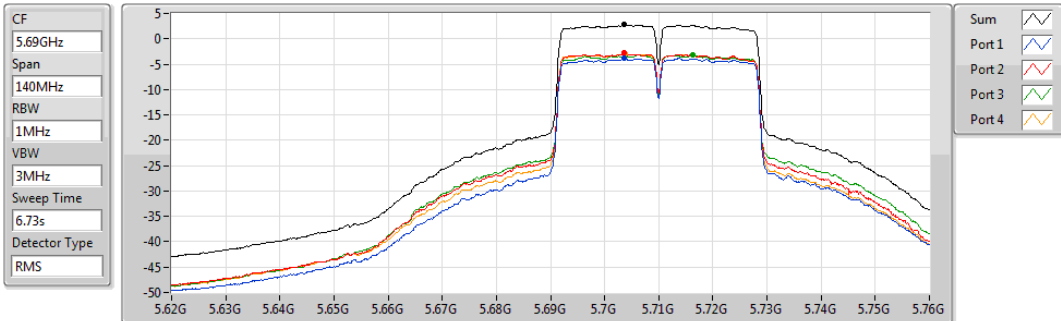


802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

PSD

08/11/2019



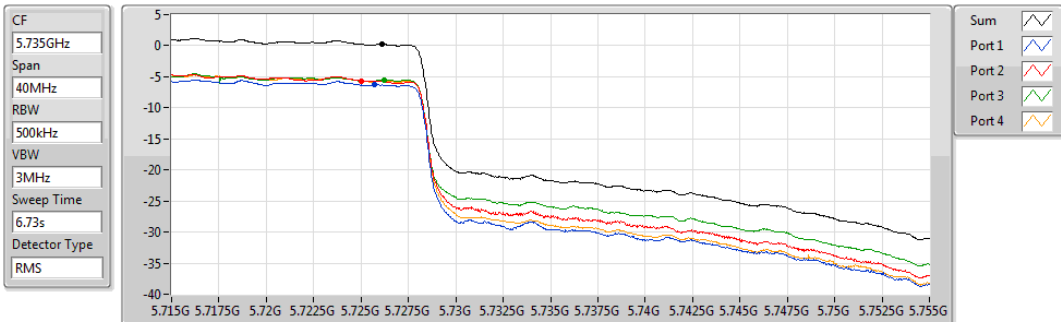
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.80	2.80	-3.83	-2.77	-3.14	-3.00

802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

08/11/2019



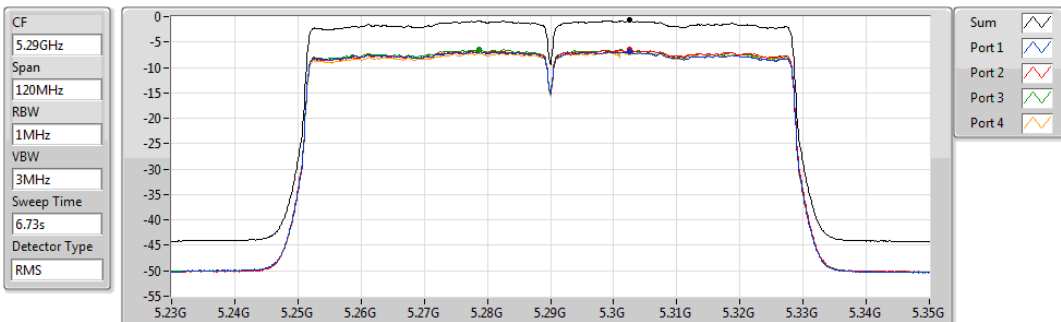
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.23	0.23	-6.32	-5.67	-5.47	-5.65

802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz

PSD

08/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.72	-0.72	-6.88	-6.50	-6.48	-7.02

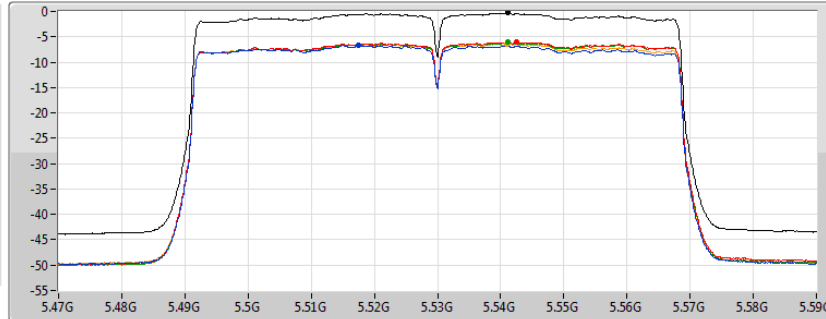
802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

08/11/2019

CF 5.53GHz
 Span 120MHz
 RBW 1MHz
 VBW 3MHz
 Sweep Time 6.73s
 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)
-0.29	-0.29	-6.71	-5.96	-6.03	-6.38

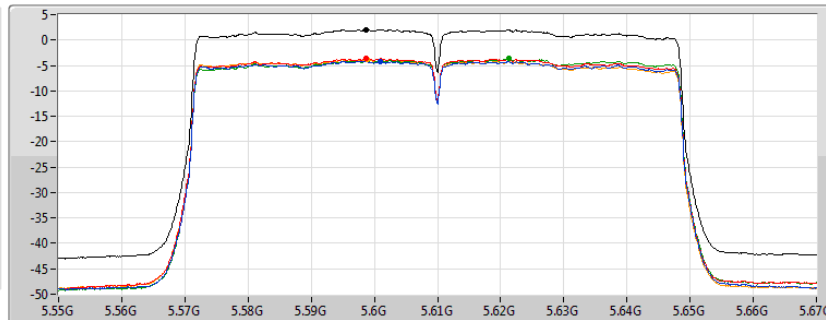
802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

08/11/2019

CF 5.61GHz
 Span 120MHz
 RBW 1MHz
 VBW 3MHz
 Sweep Time 6.73s
 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)
2.07	2.07	-4.19	-3.65	-3.60	-3.89

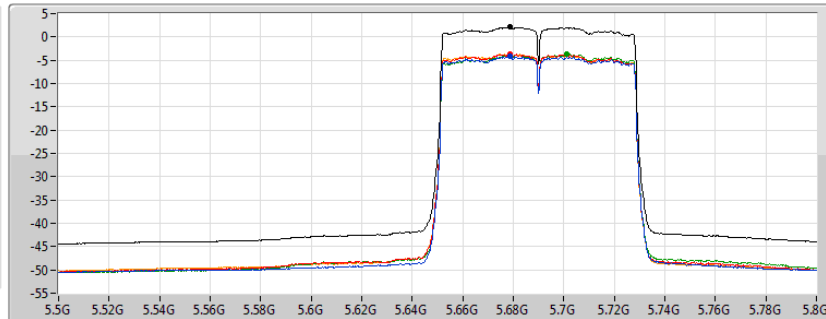
802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

08/11/2019

CF 5.65GHz
 Span 300MHz
 RBW 1MHz
 VBW 3MHz
 Sweep Time 6.73s
 Detector Type RMS



Sum
 Port 1
 Port 2
 Port 3
 Port 4

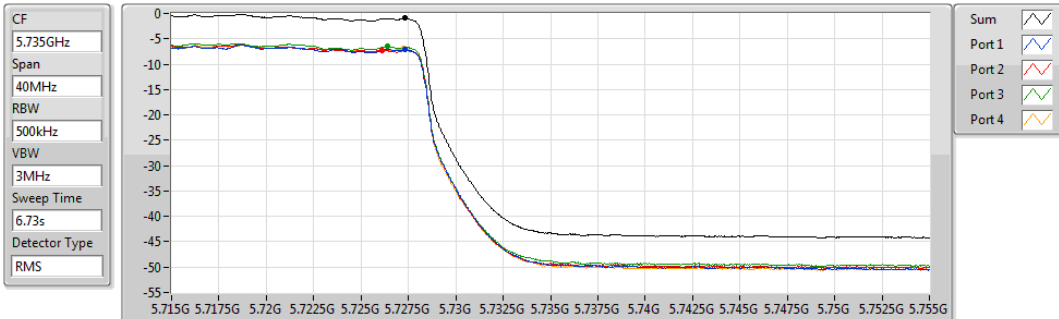
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.15	2.15	-4.17	-3.66	-3.60	-3.65

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

08/11/2019



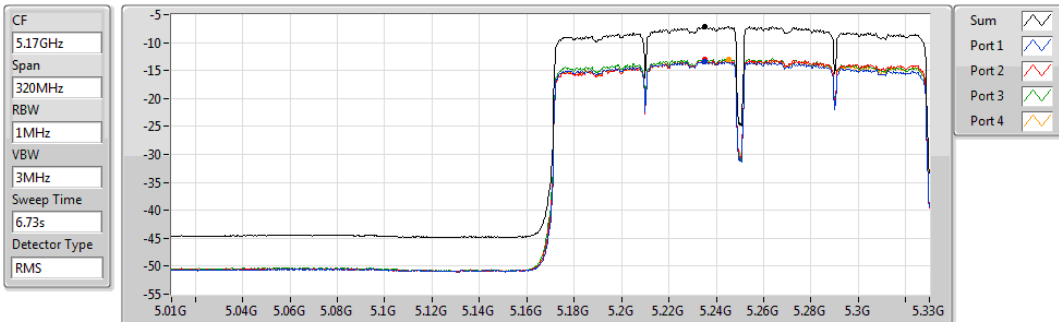
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.95	-0.95	-7.11	-7.20	-6.53	-6.91

802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

04/12/2019



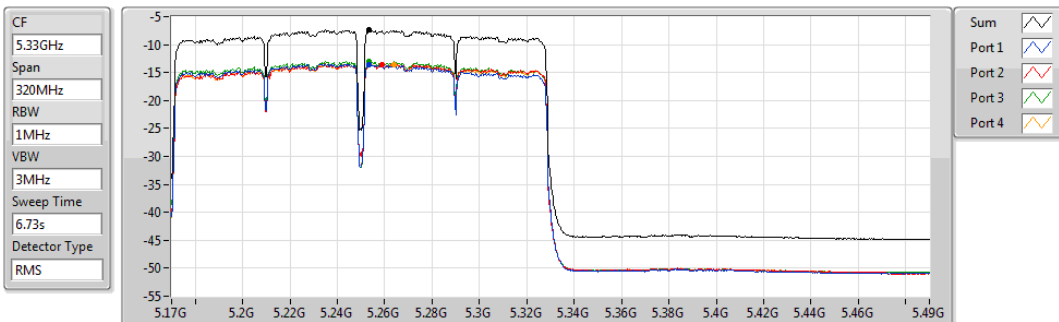
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.13	-7.13	-13.45	-13.06	-12.97	-13.10

802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

08/11/2019



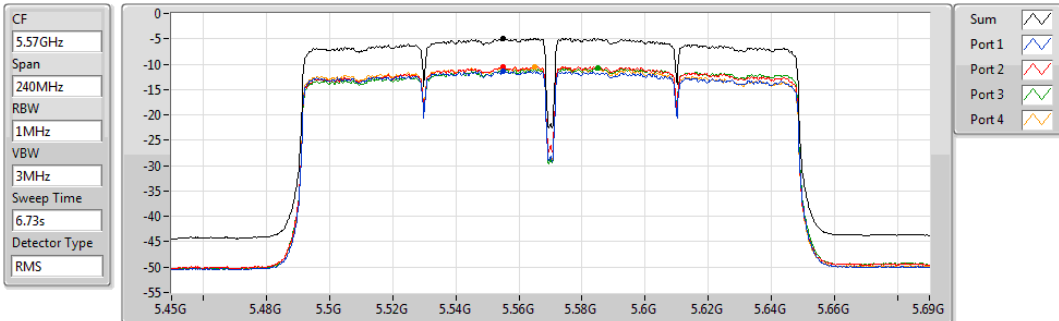
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.42	-7.42	-13.67	-13.55	-13.00	-13.53

802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5570MHz

08/11/2019



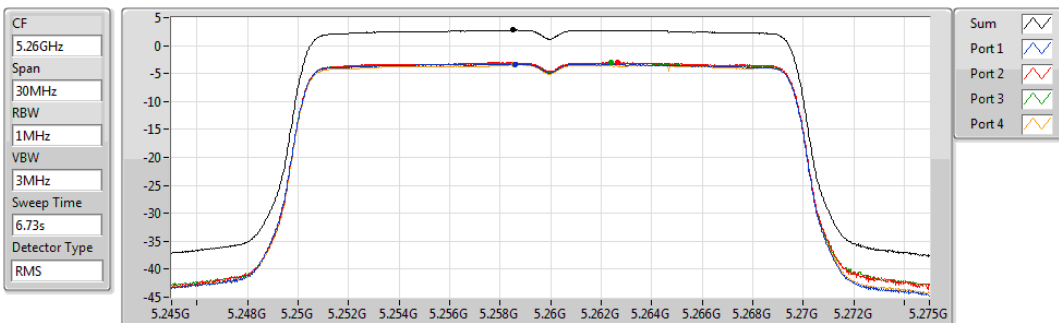
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.85	-4.85	-11.35	-10.42	-10.81	-10.56

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

07/11/2019



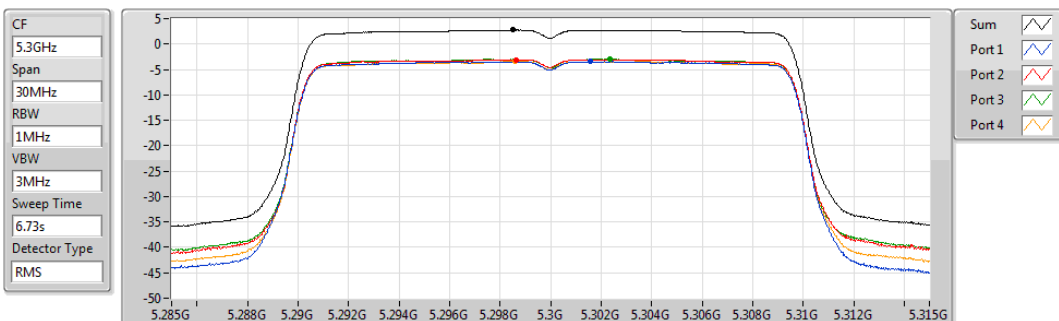
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.78	2.78	-3.32	-3.02	-3.10	-3.45

802.11ax HEW20_Nss1,(MCS0)_4TX

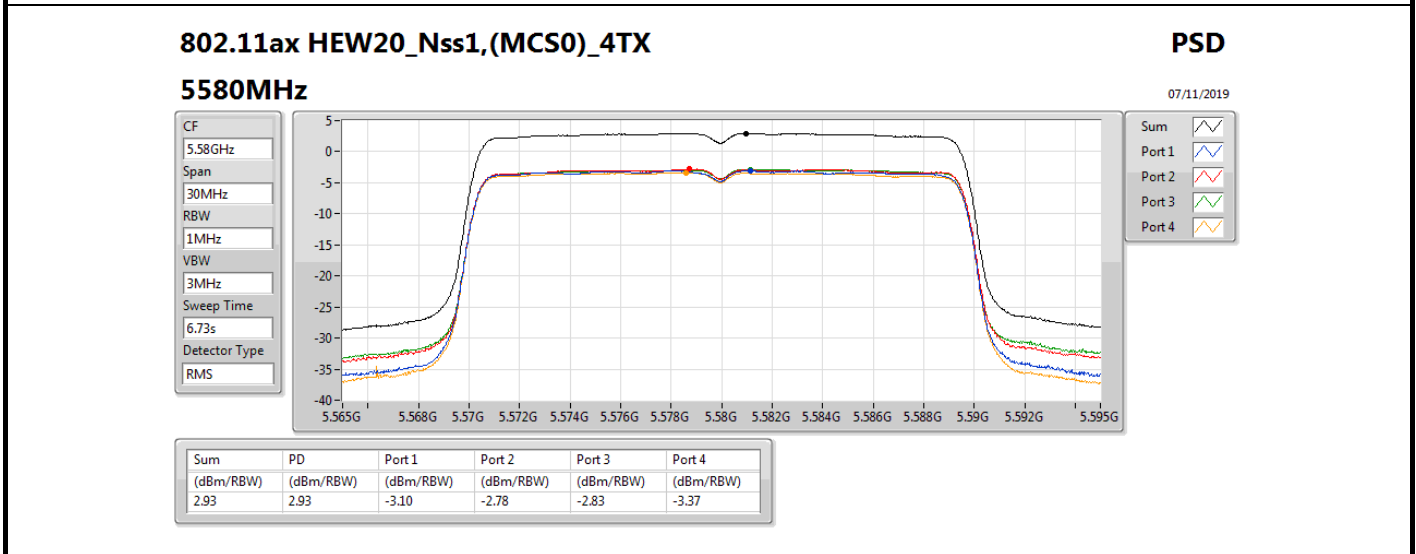
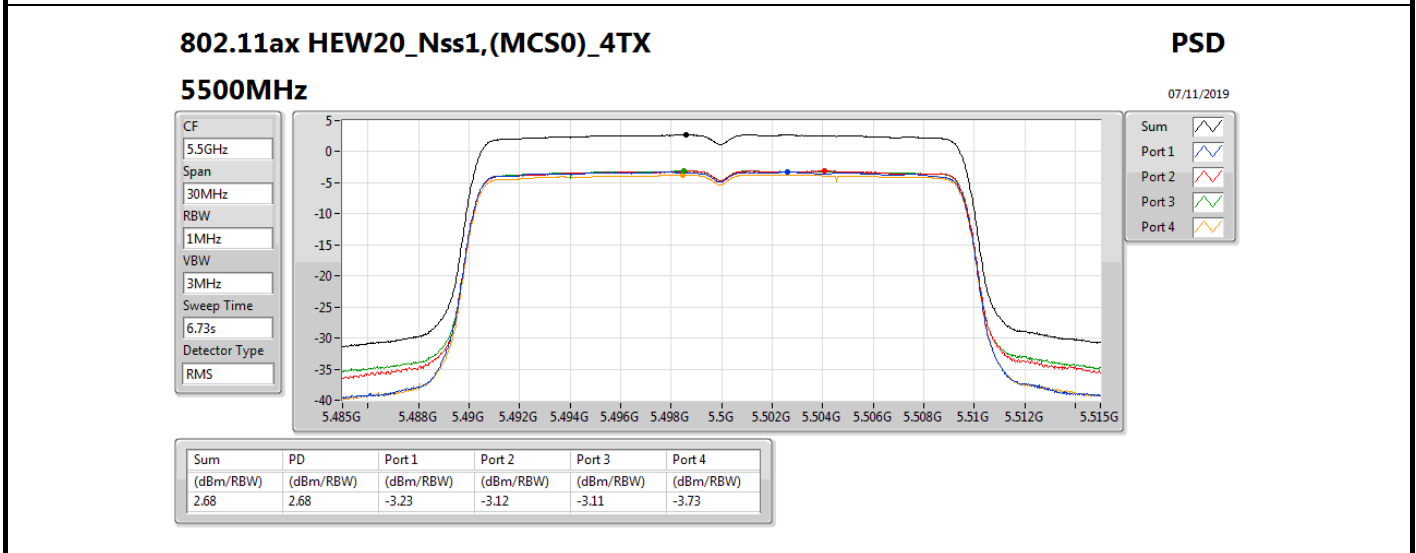
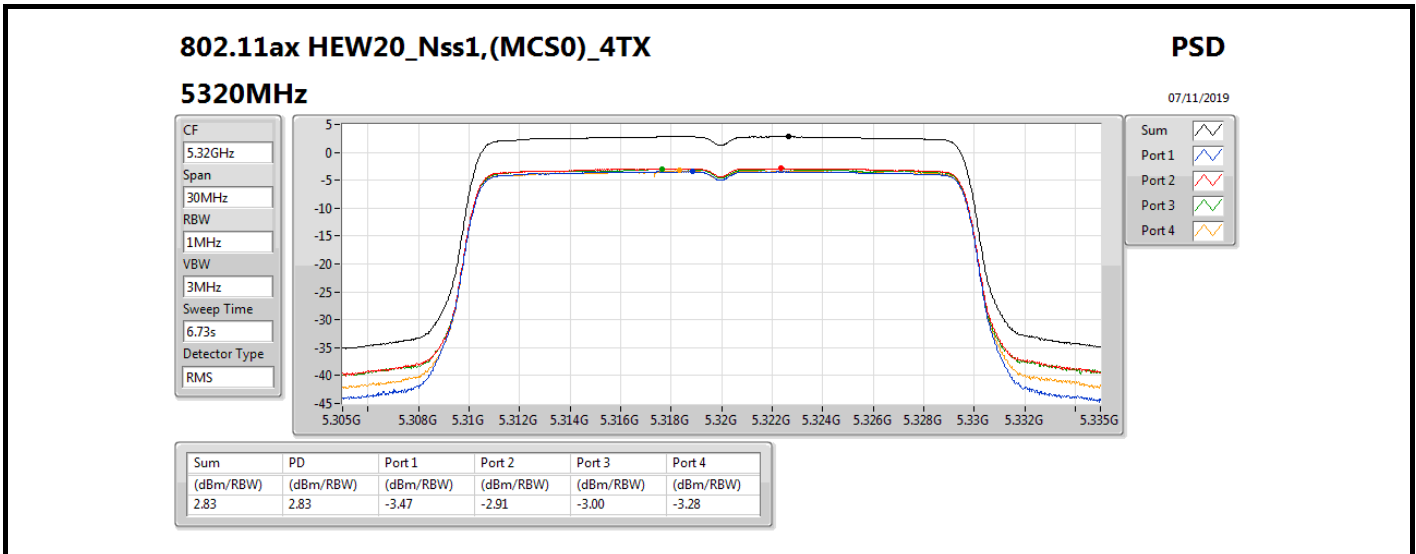
PSD

5300MHz

07/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.76	2.76	-3.41	-3.09	-2.99	-3.37



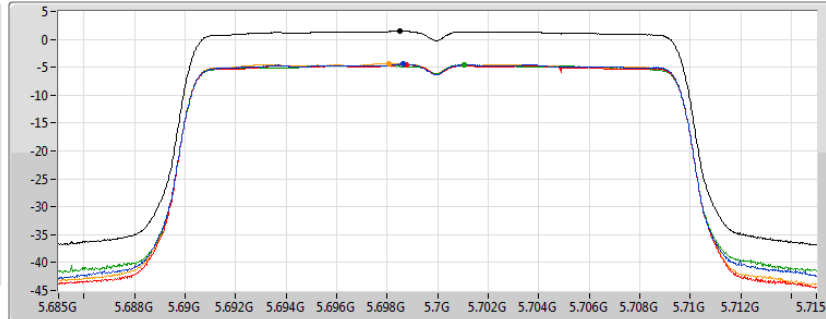
802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

07/11/2019

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
6.73s
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)
1.45	1.45	-4.42	-4.58	-4.59	-4.35

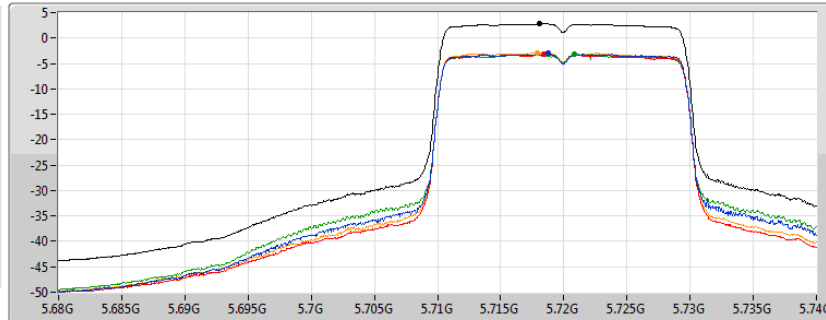
802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

07/11/2019

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
6.73s
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)
2.80	2.80	-2.97	-3.24	-3.26	-2.90

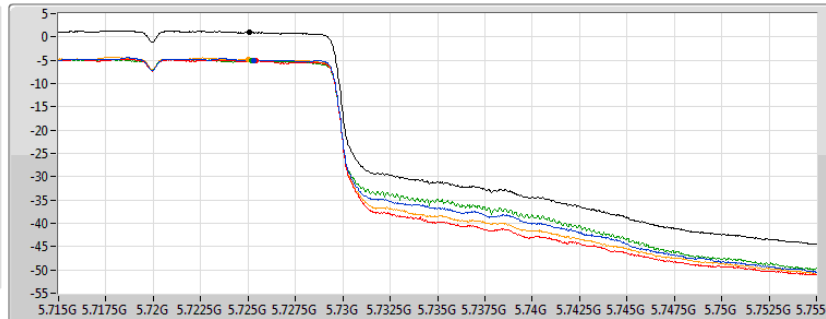
802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

07/11/2019

CF
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
6.73s
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)
0.93	0.93	-5.04	-5.16	-5.03	-4.89



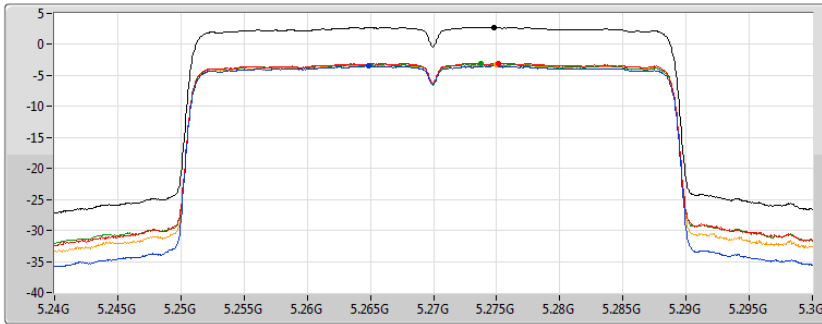
802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

07/11/2019

CF
5.27GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
6.73s
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)
2.76	2.76	-3.47	-3.02	-3.12	-3.26

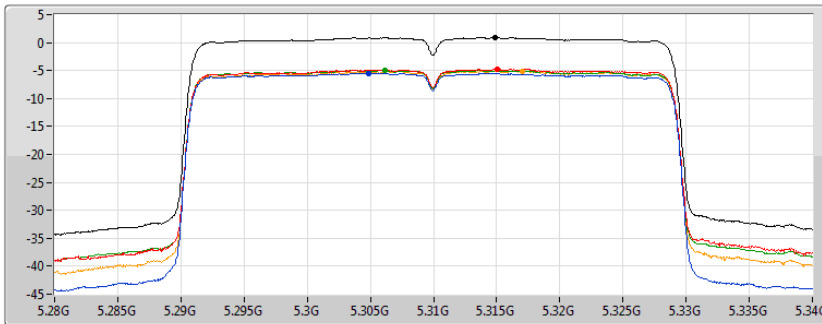
802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

07/11/2019

CF
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
6.73s
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	-5.50	-4.75	-4.93	-5.13

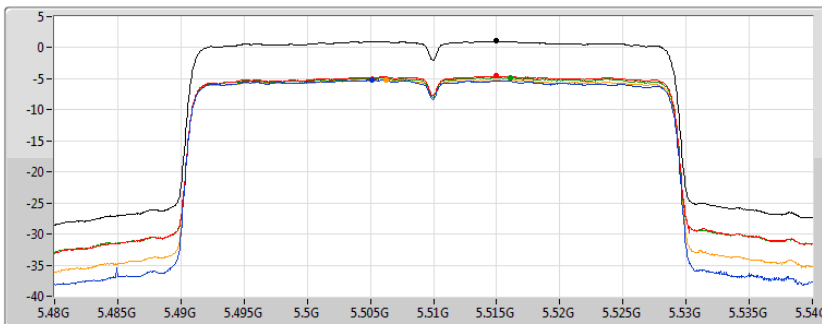
802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

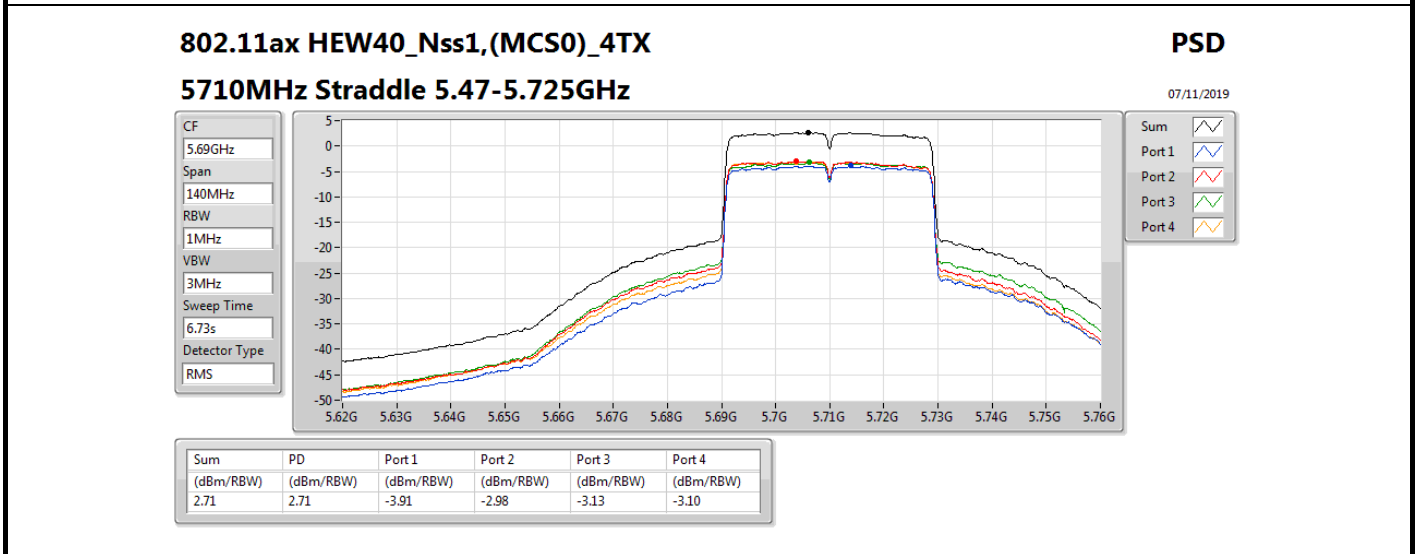
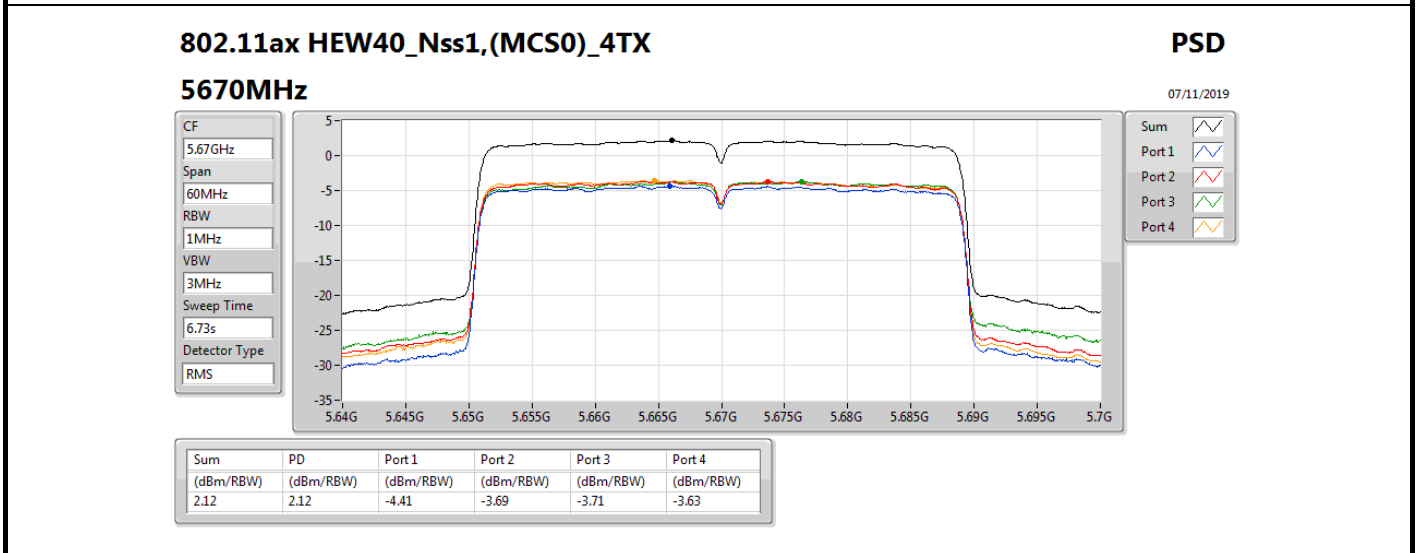
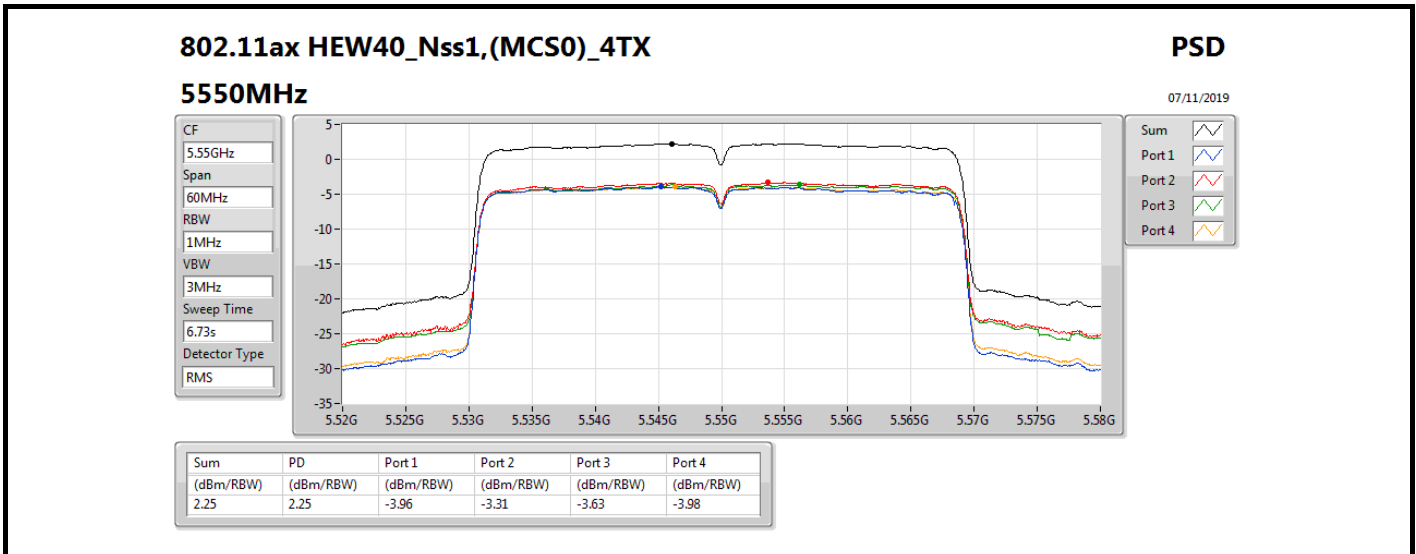
07/11/2019

CF
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
6.73s
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)
1.05	1.05	-5.18	-4.57	-4.82	-5.16



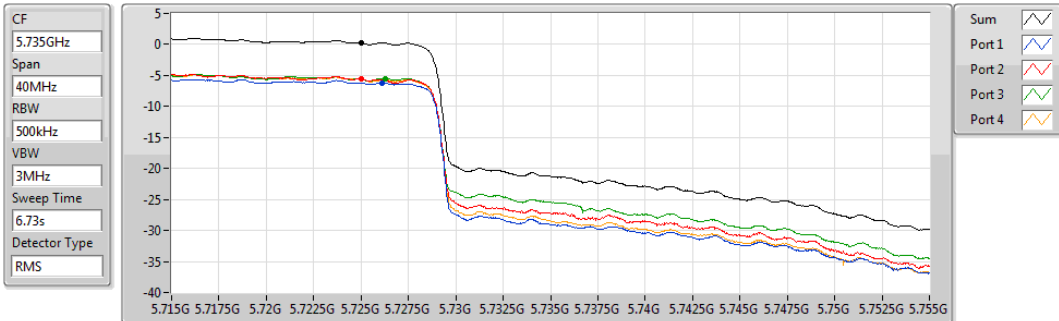


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

07/11/2019



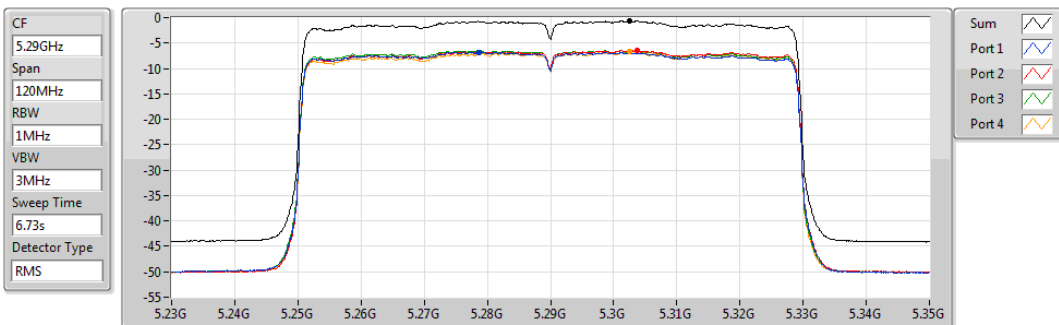
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.26	0.26	-6.23	-5.61	-5.48	-5.59

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

08/11/2019



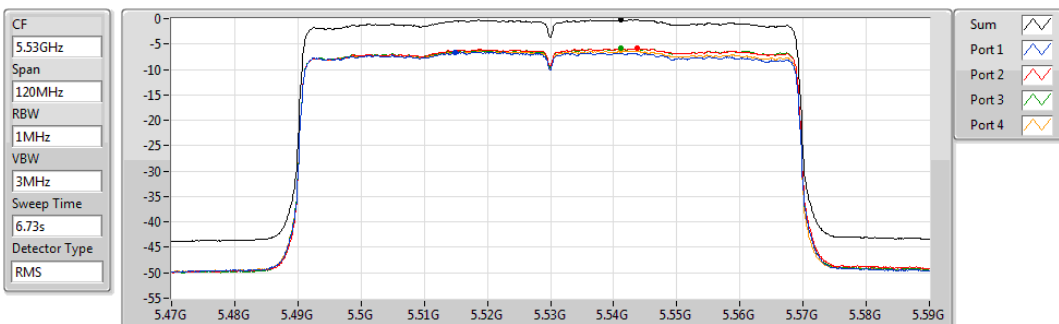
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.64	-0.64	-6.80	-6.46	-6.40	-6.75

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

08/11/2019



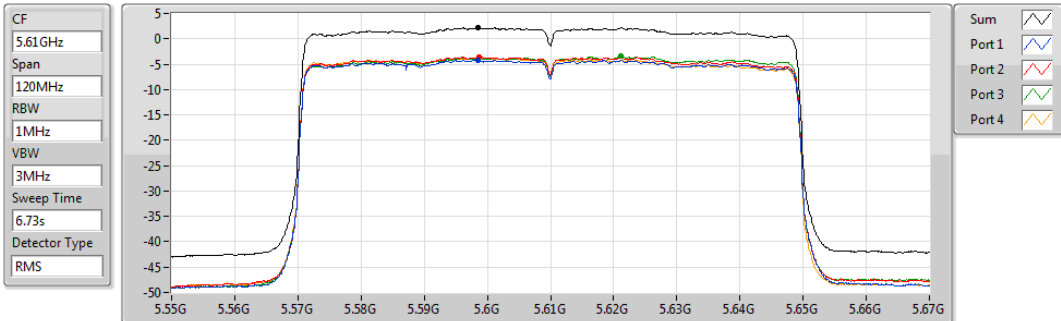
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.13	-0.13	-6.58	-5.71	-5.82	-6.27

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

08/11/2019



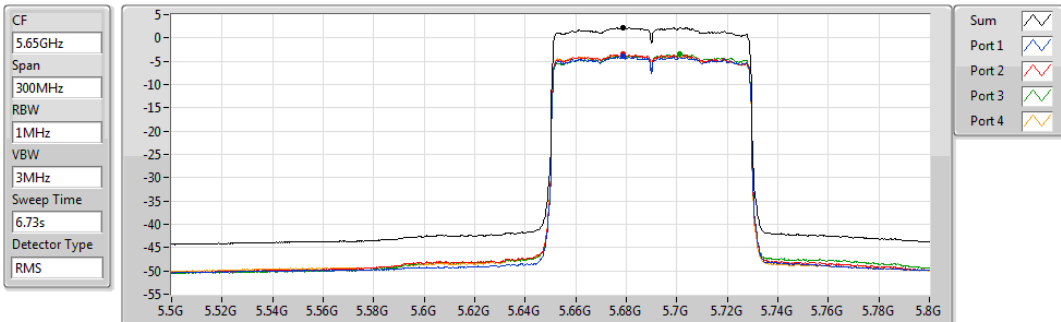
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.18	2.18	-4.22	-3.52	-3.42	-3.76

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

08/11/2019



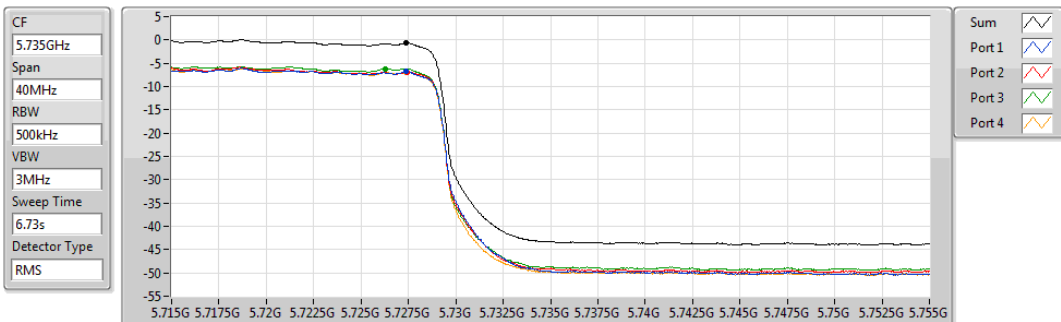
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.30	2.30	-3.95	-3.44	-3.40	-3.61

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

08/11/2019



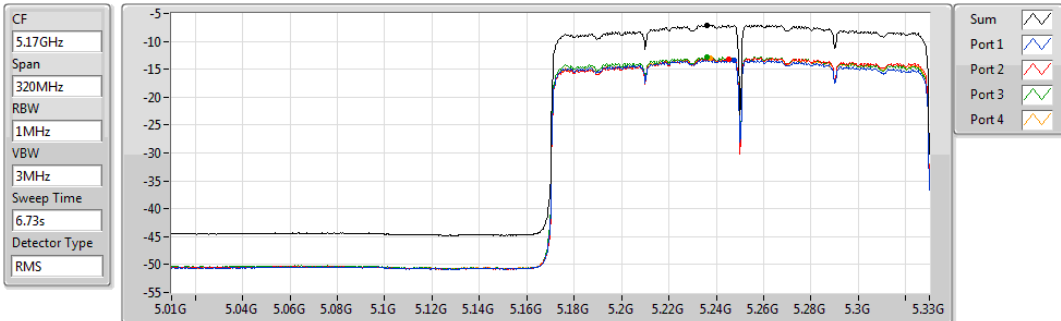
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.66	-0.66	-6.78	-6.90	-6.18	-6.86

802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

04/12/2019



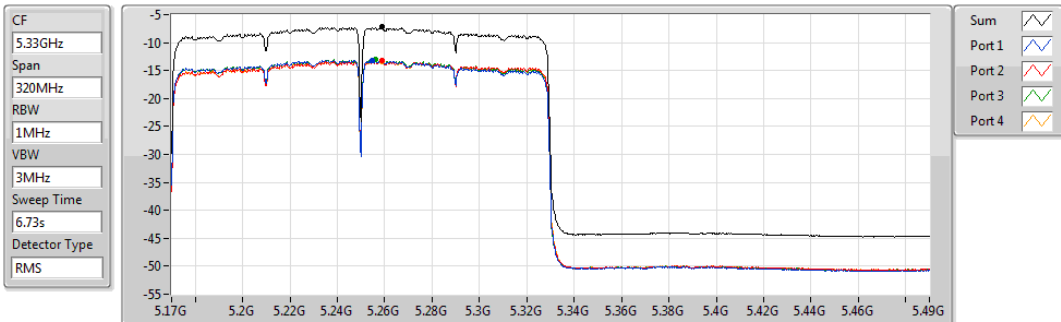
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.13	-7.13	-13.40	-13.19	-12.88	-13.08

802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

08/11/2019



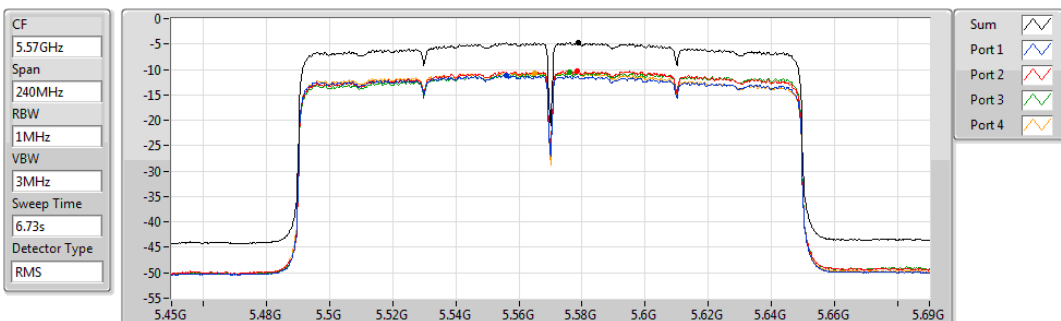
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.22	-7.22	-13.24	-13.28	-13.04	-13.33

802.11ax HEW160_Nss1,(MCS0)_4TX

PSD

5570MHz

08/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.71	-4.71	-11.19	-10.25	-10.63	-10.67



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss4,(MCS0)_4TX	-7.82	0.18
802.11ax HEW160_Nss4,(MCS0)_4TX	-7.76	0.24
5.25-5.35GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	7.50	15.50
802.11ac VHT40_Nss4,(MCS0)_4TX	4.63	12.63
802.11ac VHT80_Nss4,(MCS0)_4TX	0.21	8.21
802.11ac VHT160_Nss4,(MCS0)_4TX	-8.58	-0.58
802.11ax HEW20_Nss4,(MCS0)_4TX	7.47	15.47
802.11ax HEW40_Nss4,(MCS0)_4TX	4.72	12.72
802.11ax HEW80_Nss4,(MCS0)_4TX	0.34	8.34
802.11ax HEW160_Nss4,(MCS0)_4TX	-8.54	-0.54
5.47-5.725GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	8.36	16.36
802.11ac VHT40_Nss4,(MCS0)_4TX	5.51	13.51
802.11ac VHT80_Nss4,(MCS0)_4TX	2.44	10.44
802.11ac VHT160_Nss4,(MCS0)_4TX	-5.78	2.22
802.11ax HEW20_Nss4,(MCS0)_4TX	8.44	16.44
802.11ax HEW40_Nss4,(MCS0)_4TX	5.49	13.49
802.11ax HEW80_Nss4,(MCS0)_4TX	2.60	10.60
802.11ax HEW160_Nss4,(MCS0)_4TX	-5.86	2.14
5.725-5.85GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	6.63	14.63
802.11ac VHT40_Nss4,(MCS0)_4TX	3.32	11.32
802.11ac VHT80_Nss4,(MCS0)_4TX	-0.47	7.53
802.11ax HEW20_Nss4,(MCS0)_4TX	6.65	14.65
802.11ax HEW40_Nss4,(MCS0)_4TX	3.34	11.34
802.11ax HEW80_Nss4,(MCS0)_4TX	-0.46	7.54

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_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	1.39	1.56	1.75	1.19	7.41	9.00	15.41	17.00
5300MHz	Pass	8.00	1.26	1.57	1.78	1.20	7.40	9.00	15.40	17.00
5320MHz	Pass	8.00	1.22	1.78	1.87	1.33	7.50	9.00	15.50	17.00
5500MHz	Pass	8.00	1.00	1.22	1.62	0.66	7.07	9.00	15.07	17.00
5580MHz	Pass	8.00	1.15	1.46	1.62	0.96	7.23	9.00	15.23	17.00
5700MHz	Pass	8.00	0.44	0.35	0.67	0.40	6.38	9.00	14.38	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	2.42	2.32	2.44	2.51	8.36	9.00	16.36	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	0.56	0.60	0.57	0.70	6.63	28.00	14.63	36.00
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	-1.49	-1.20	-1.02	-1.42	4.63	9.00	12.63	17.00
5310MHz	Pass	8.00	-4.00	-3.37	-2.91	-3.46	2.50	9.00	10.50	17.00
5510MHz	Pass	8.00	-3.75	-3.20	-3.01	-3.45	2.58	9.00	10.58	17.00
5550MHz	Pass	8.00	-1.67	-1.03	-0.92	-1.35	4.67	9.00	12.67	17.00
5670MHz	Pass	8.00	-2.47	-2.29	-2.15	-2.37	3.57	9.00	11.57	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	-0.66	-0.43	-0.21	-0.24	5.51	9.00	13.51	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	-2.99	-2.99	-2.24	-2.55	3.32	28.00	11.32	36.00
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	-5.99	-5.58	-5.31	-5.82	0.21	9.00	8.21	17.00
5530MHz	Pass	8.00	-6.05	-5.52	-5.21	-5.88	0.18	9.00	8.18	17.00
5610MHz	Pass	8.00	-4.38	-3.66	-3.60	-4.00	2.01	9.00	10.01	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	-3.79	-3.40	-3.09	-3.49	2.44	9.00	10.44	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-6.71	-6.63	-5.72	-6.83	-0.47	28.00	7.53	36.00
802.11ac VHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	-13.92	-13.79	-13.25	-13.88	-7.82	15.00	0.18	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	-14.77	-14.67	-14.15	-14.41	-8.58	9.00	-0.58	17.00
5570MHz	Pass	8.00	-12.17	-11.34	-11.50	-11.59	-5.78	9.00	2.22	17.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	8.00	1.40	1.73	1.70	1.21	7.47	9.00	15.47	17.00
5300MHz	Pass	8.00	1.26	1.73	1.75	1.28	7.46	9.00	15.46	17.00
5320MHz	Pass	8.00	1.11	1.76	1.72	1.32	7.45	9.00	15.45	17.00
5500MHz	Pass	8.00	0.87	1.42	1.46	0.59	7.08	9.00	15.08	17.00
5580MHz	Pass	8.00	1.09	1.53	1.73	1.10	7.34	9.00	15.34	17.00
5700MHz	Pass	8.00	0.41	0.38	0.55	0.67	6.49	9.00	14.49	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	8.00	2.44	2.28	2.52	2.57	8.44	9.00	16.44	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	8.00	0.59	0.44	0.66	0.80	6.65	28.00	14.65	36.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	8.00	-1.52	-1.09	-0.97	-1.52	4.72	9.00	12.72	17.00
5310MHz	Pass	8.00	-3.68	-3.22	-3.09	-3.47	2.61	9.00	10.61	17.00
5510MHz	Pass	8.00	-3.63	-3.04	-3.05	-3.58	2.67	9.00	10.67	17.00
5550MHz	Pass	8.00	-1.52	-0.86	-1.17	-1.54	4.72	9.00	12.72	17.00
5670MHz	Pass	8.00	-2.41	-2.35	-2.13	-2.32	3.65	9.00	11.65	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	8.00	-0.63	-0.34	-0.31	-0.39	5.49	9.00	13.49	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	8.00	-2.73	-2.83	-2.43	-2.73	3.34	28.00	11.34	36.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	8.00	-5.82	-5.45	-5.40	-5.80	0.34	9.00	8.34	17.00
5530MHz	Pass	8.00	-5.13	-4.46	-4.58	-4.96	1.11	9.00	9.11	17.00
5610MHz	Pass	8.00	-4.30	-3.38	-3.75	-3.70	2.19	9.00	10.19	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	8.00	-3.74	-3.06	-3.34	-3.25	2.60	9.00	10.60	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	8.00	-6.71	-6.73	-5.84	-6.68	-0.46	28.00	7.54	36.00
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	8.00	-13.95	-13.81	-13.25	-13.73	-7.76	15.00	0.24	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	8.00	-14.84	-14.63	-14.15	-14.46	-8.54	9.00	-0.54	17.00
5570MHz	Pass	8.00	-12.37	-11.50	-11.64	-11.64	-5.86	9.00	2.14	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;

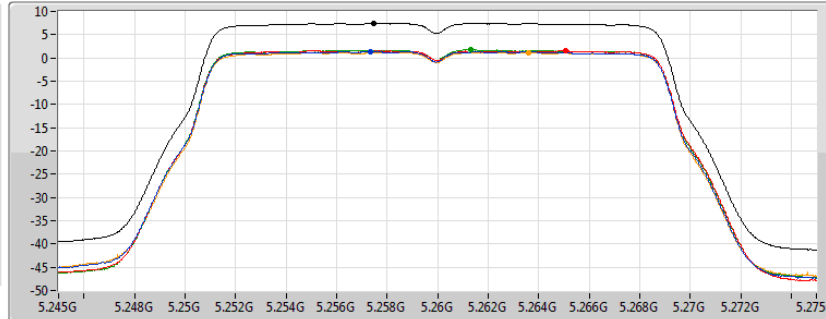
802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5260MHz

05/11/2019

CF
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.41	7.41	1.39	1.56	1.75	1.19

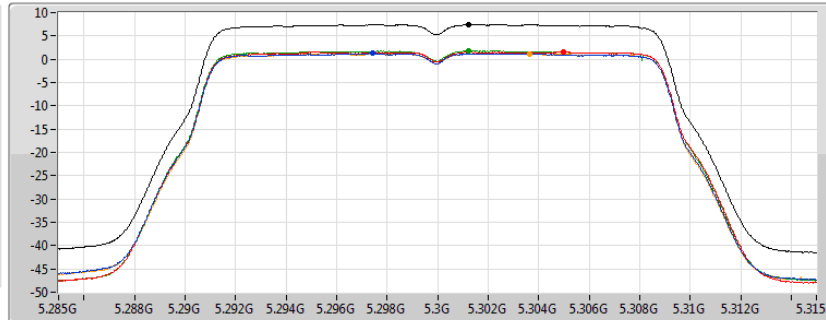
802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5300MHz

05/11/2019

CF
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.40	7.40	1.26	1.57	1.78	1.20

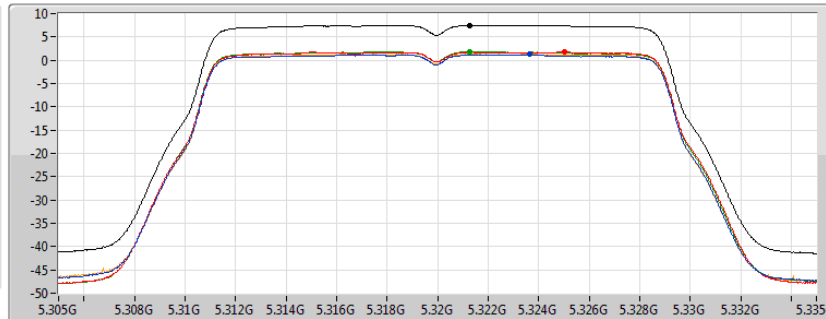
802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5320MHz

05/11/2019

CF
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

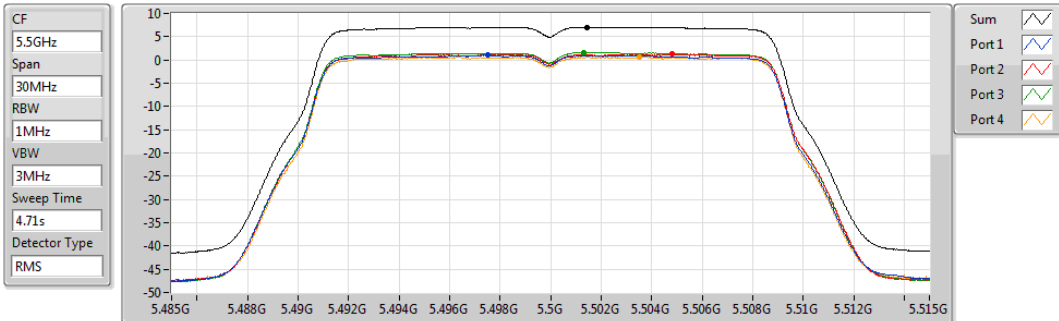
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.50	7.50	1.22	1.78	1.87	1.33

802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5500MHz

05/11/2019



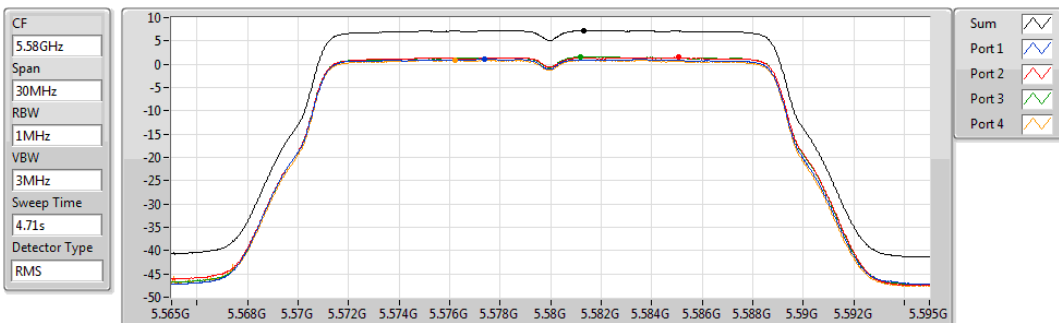
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.07	7.07	1.00	1.22	1.62	0.66

802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5580MHz

05/11/2019



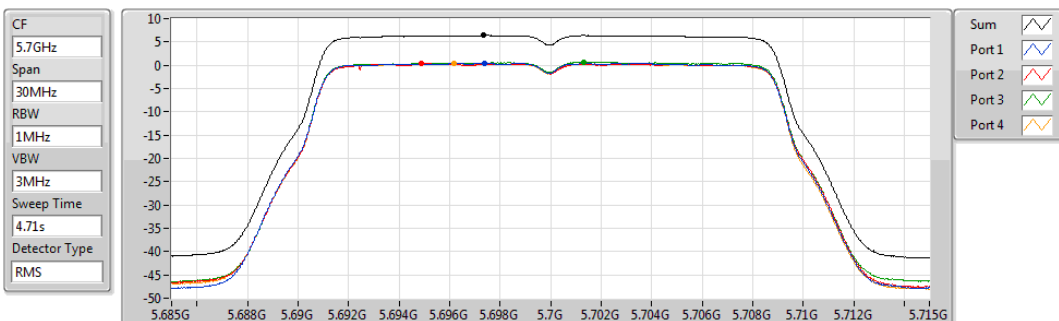
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.23	7.23	1.15	1.46	1.62	0.96

802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5700MHz

05/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.38	6.38	0.44	0.35	0.67	0.40

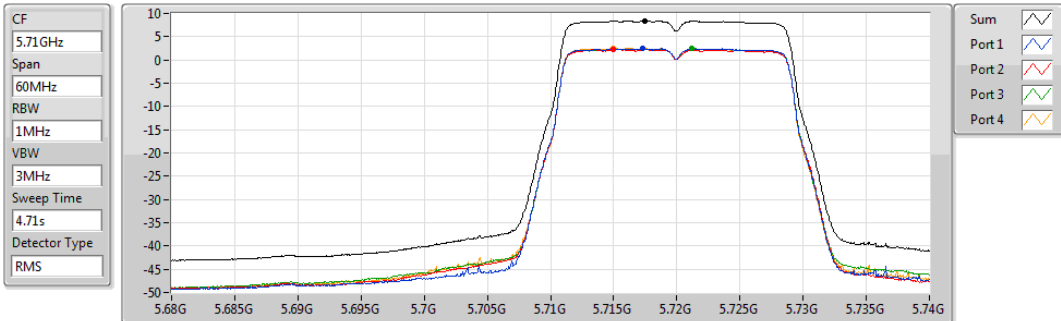


802.11ac VHT20_Nss4,(MCS0)_4TX

5720MHz Straddle 5.47-5.725GHz

PSD

05/11/2019



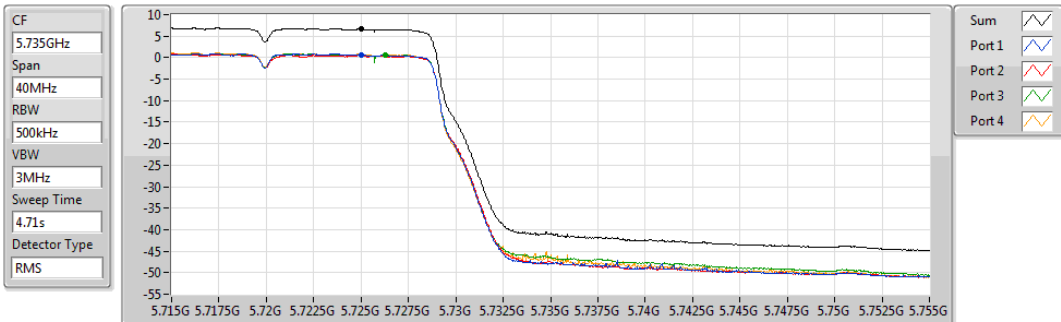
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.36	8.36	2.42	2.32	2.44	2.51

802.11ac VHT20_Nss4,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

05/11/2019



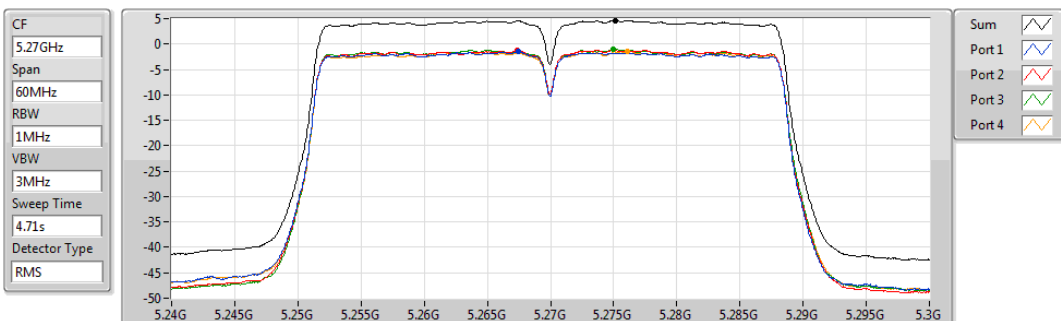
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.63	6.63	0.56	0.60	0.57	0.70

802.11ac VHT40_Nss4,(MCS0)_4TX

5270MHz

PSD

05/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.63	4.63	-1.49	-1.20	-1.02	-1.42

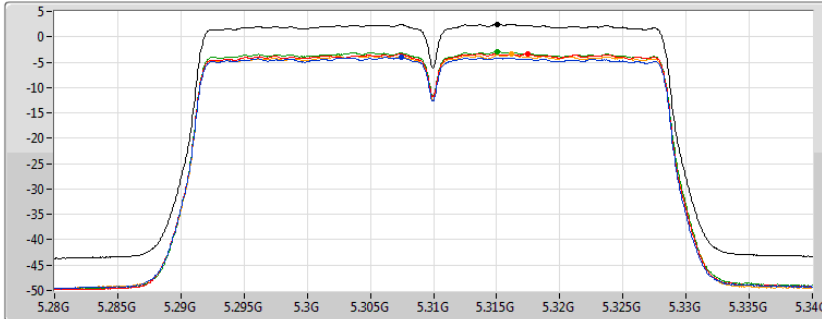
802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5310MHz

05/11/2019

CF
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
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)
2.50	2.50	-4.00	-3.37	-2.91	-3.46

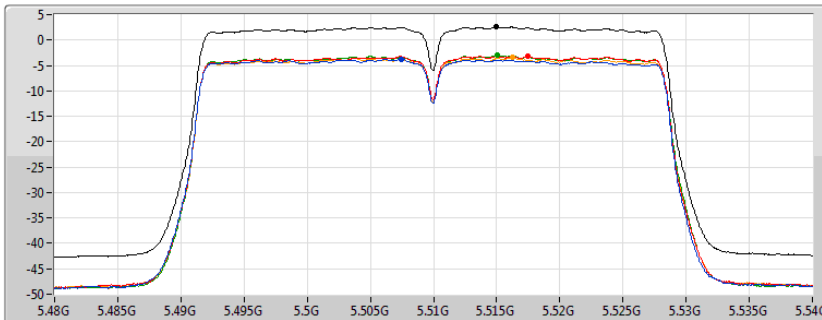
802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5510MHz

05/11/2019

CF
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
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	-3.75	-3.20	-3.01	-3.45

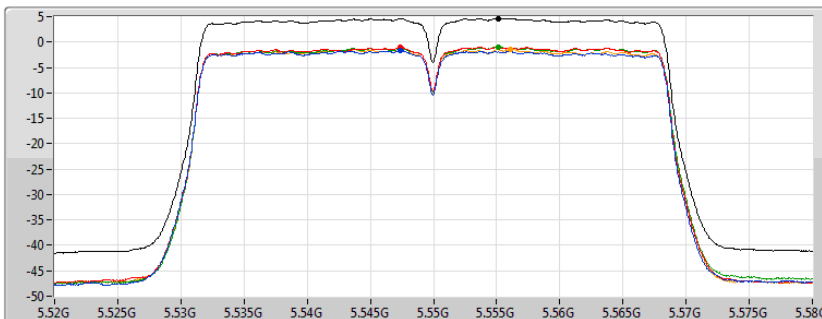
802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5550MHz

05/11/2019

CF
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

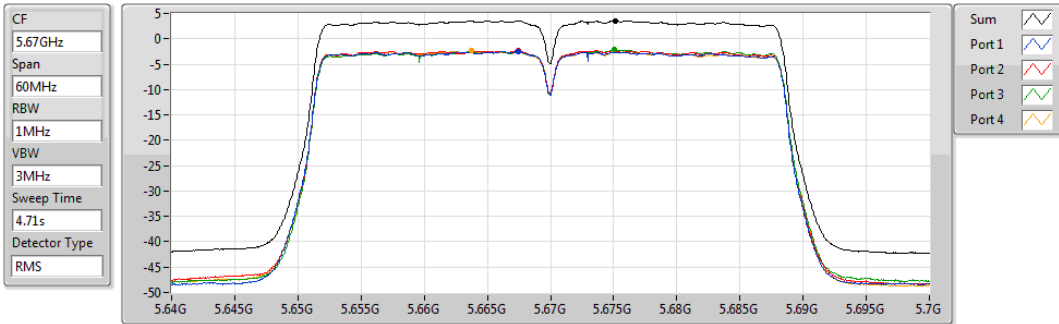
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.67	4.67	-1.67	-1.03	-0.92	-1.35

802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5670MHz

05/11/2019



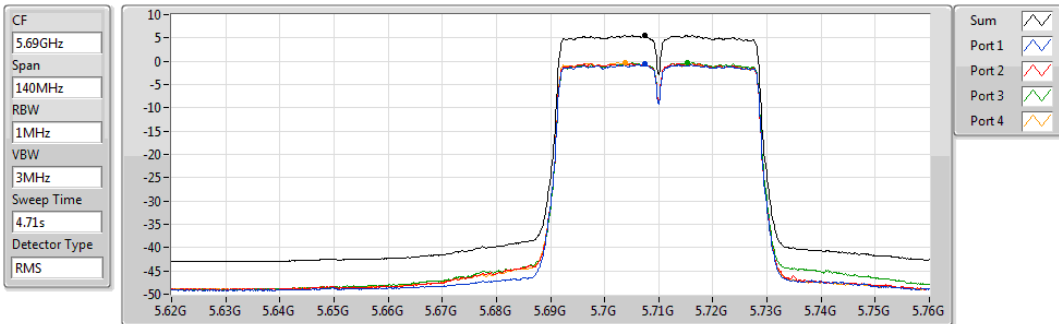
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.57	3.57	-2.47	-2.29	-2.15	-2.37

802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

05/11/2019



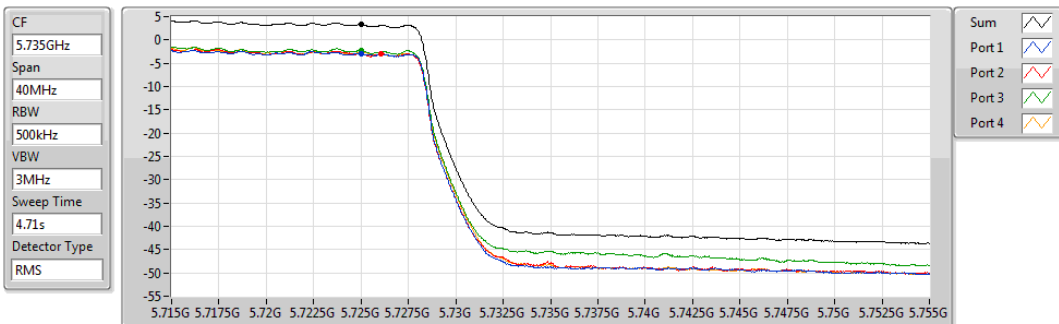
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.51	5.51	-0.66	-0.43	-0.21	-0.24

802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

05/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.32	3.32	-2.99	-2.99	-2.24	-2.55

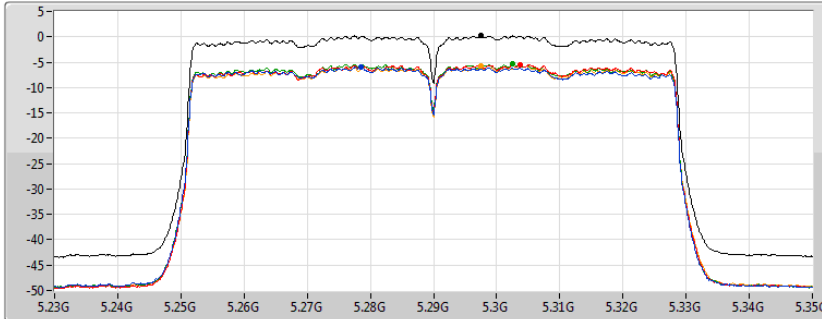
802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5290MHz

05/11/2019

CF
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
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)
0.21	0.21	-5.99	-5.58	-5.31	-5.82

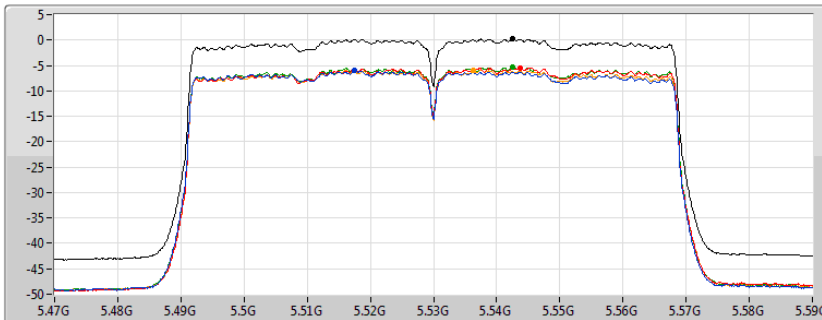
802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5530MHz

05/11/2019

CF
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
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)
0.18	0.18	-6.05	-5.52	-5.21	-5.88

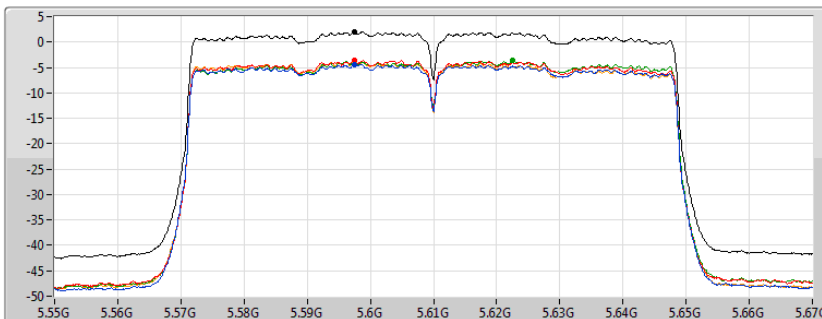
802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5610MHz

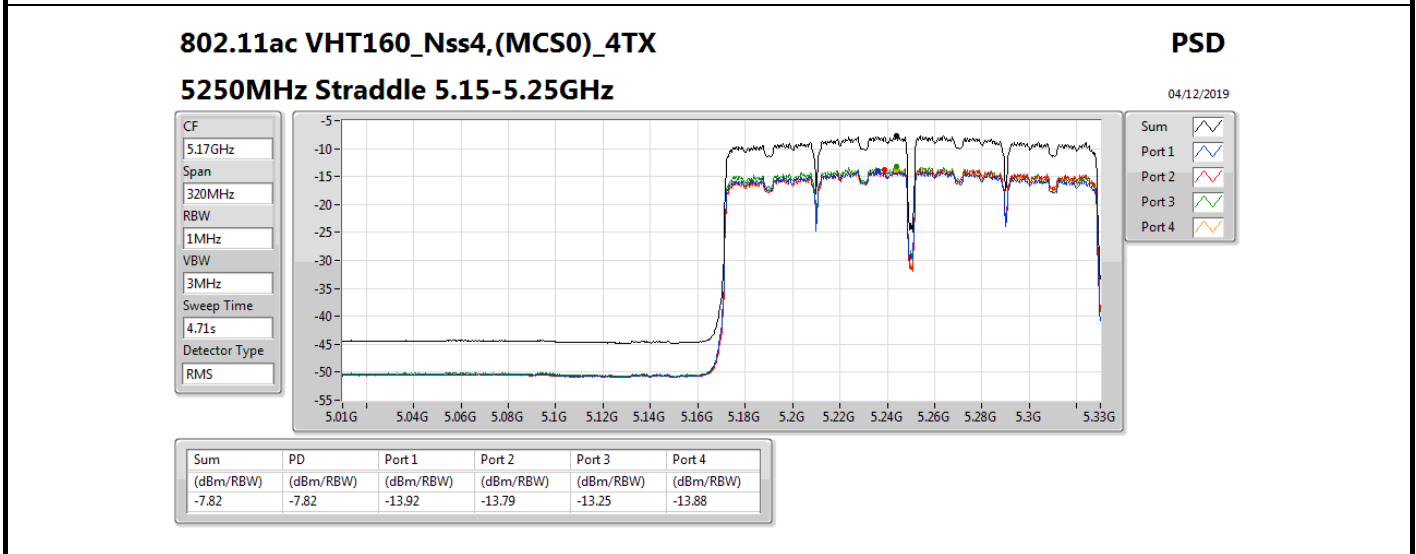
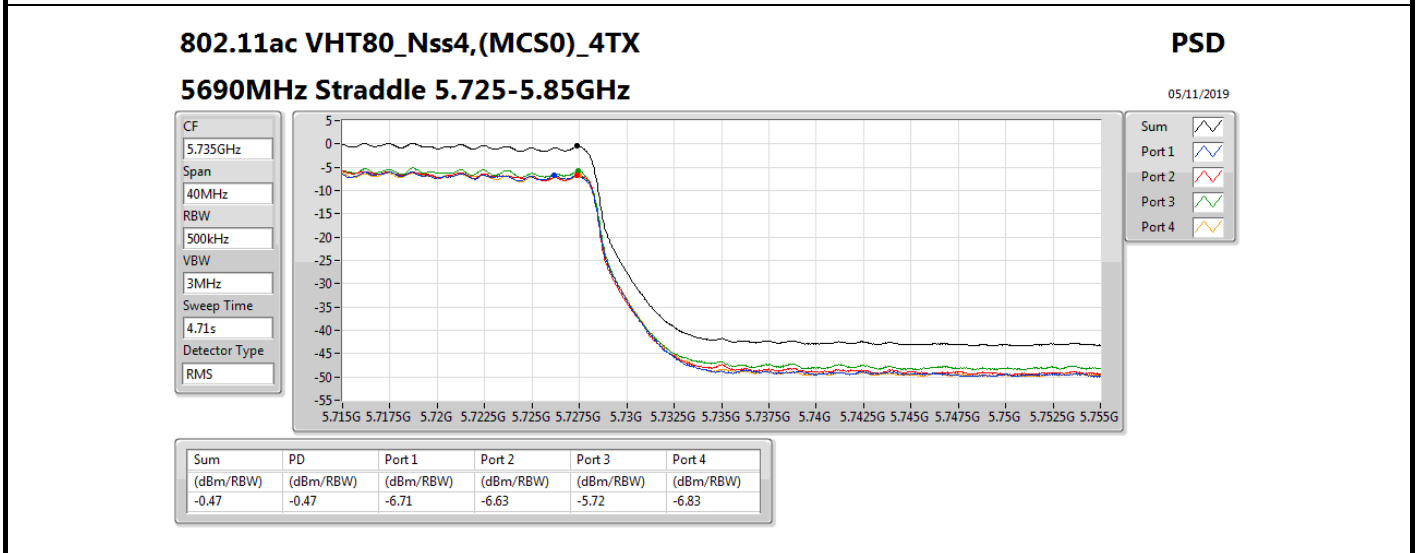
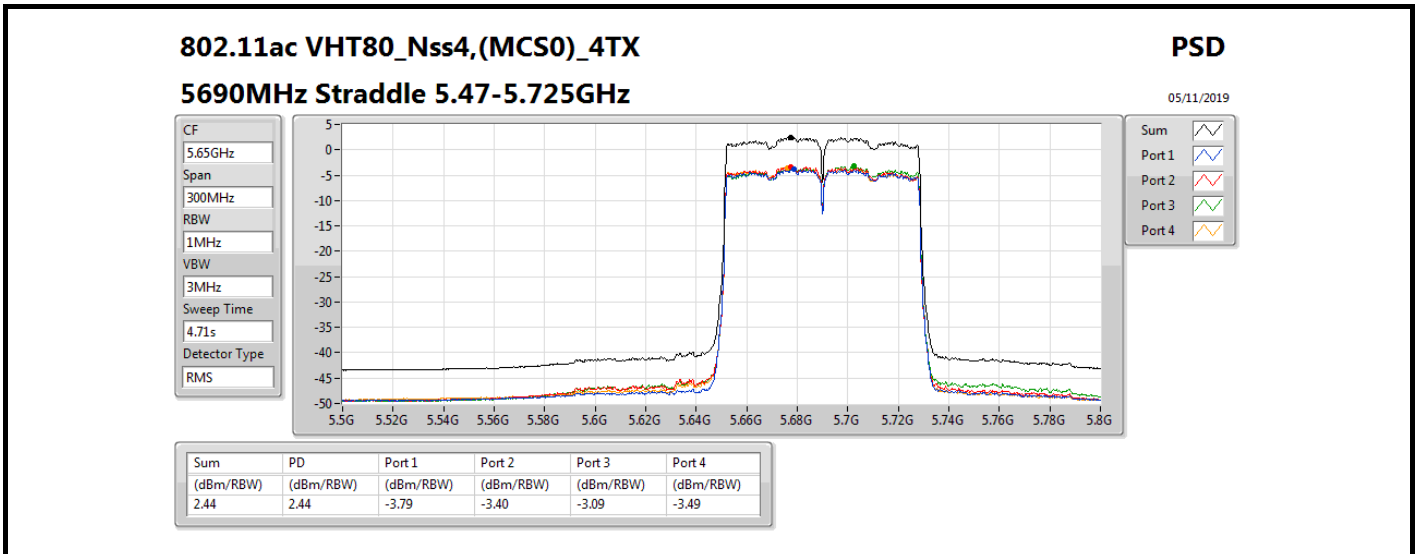
05/11/2019

CF
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
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)
2.01	2.01	-4.38	-3.66	-3.60	-4.00

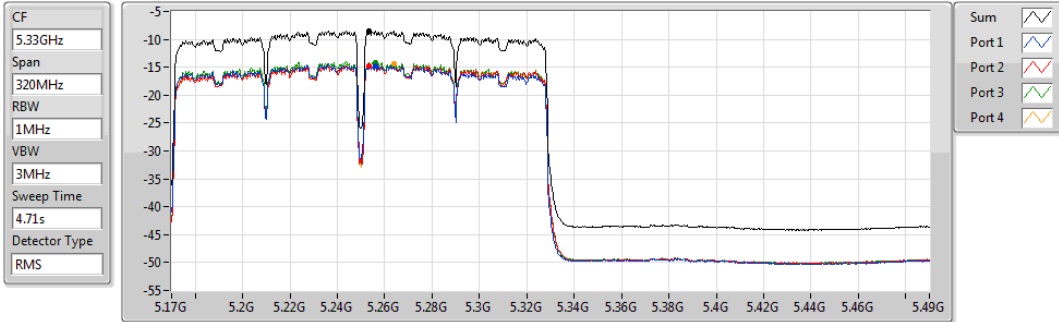


802.11ac VHT160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

06/11/2019



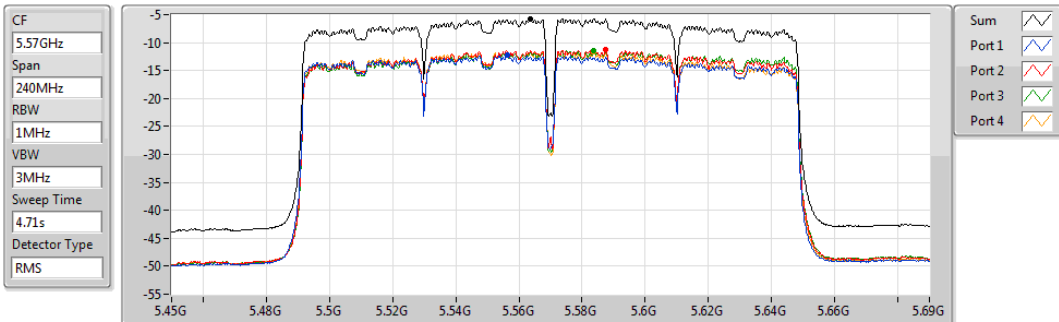
Sum	PD	Port1	Port2	Port3	Port4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.58	-8.58	-14.77	-14.67	-14.15	-14.41

802.11ac VHT160_Nss4,(MCS0)_4TX

PSD

5570MHz

05/11/2019



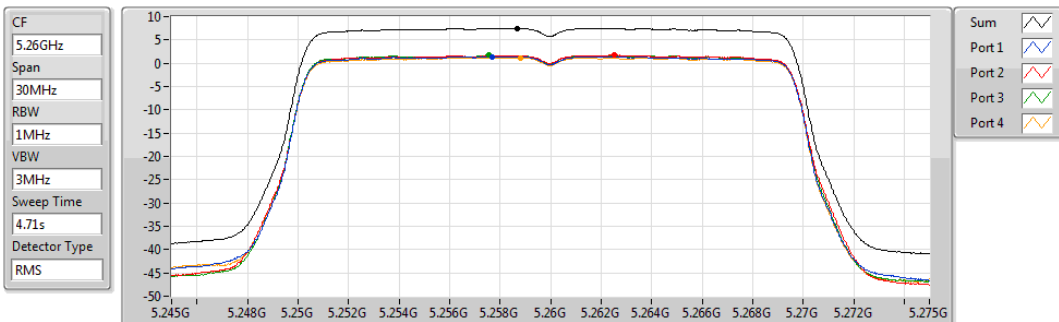
Sum	PD	Port1	Port2	Port3	Port4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.78	-5.78	-12.17	-11.34	-11.50	-11.59

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5260MHz

05/11/2019



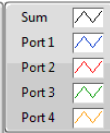
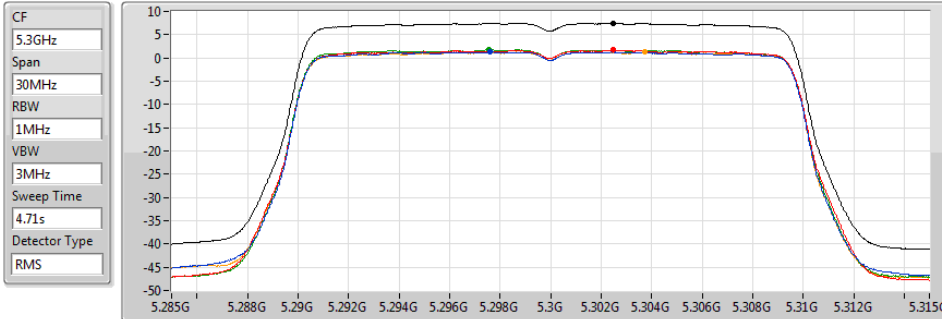
Sum	PD	Port1	Port2	Port3	Port4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.47	7.47	1.40	1.73	1.70	1.21

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5300MHz

05/11/2019



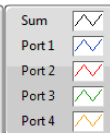
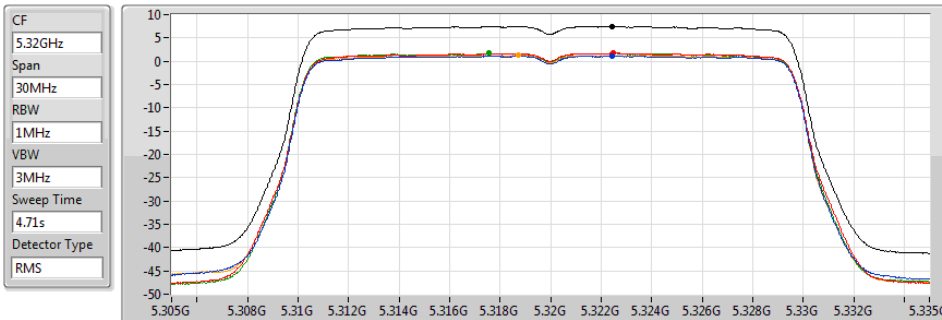
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.46	7.46	1.26	1.73	1.75	1.28

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5320MHz

05/11/2019



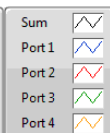
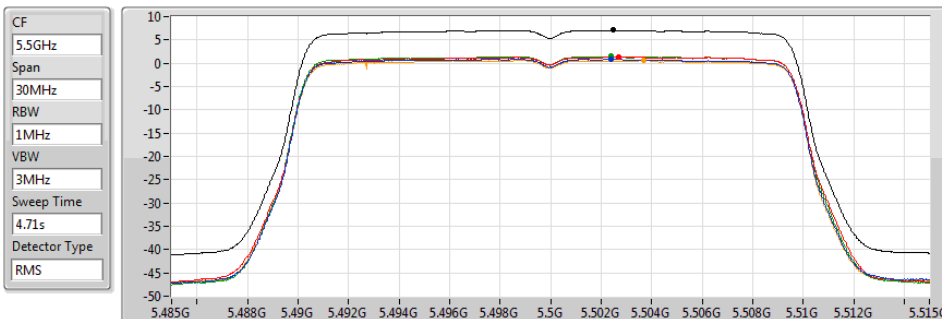
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.45	7.45	1.11	1.76	1.72	1.32

802.11ax HEW20_Nss4,(MCS0)_4TX

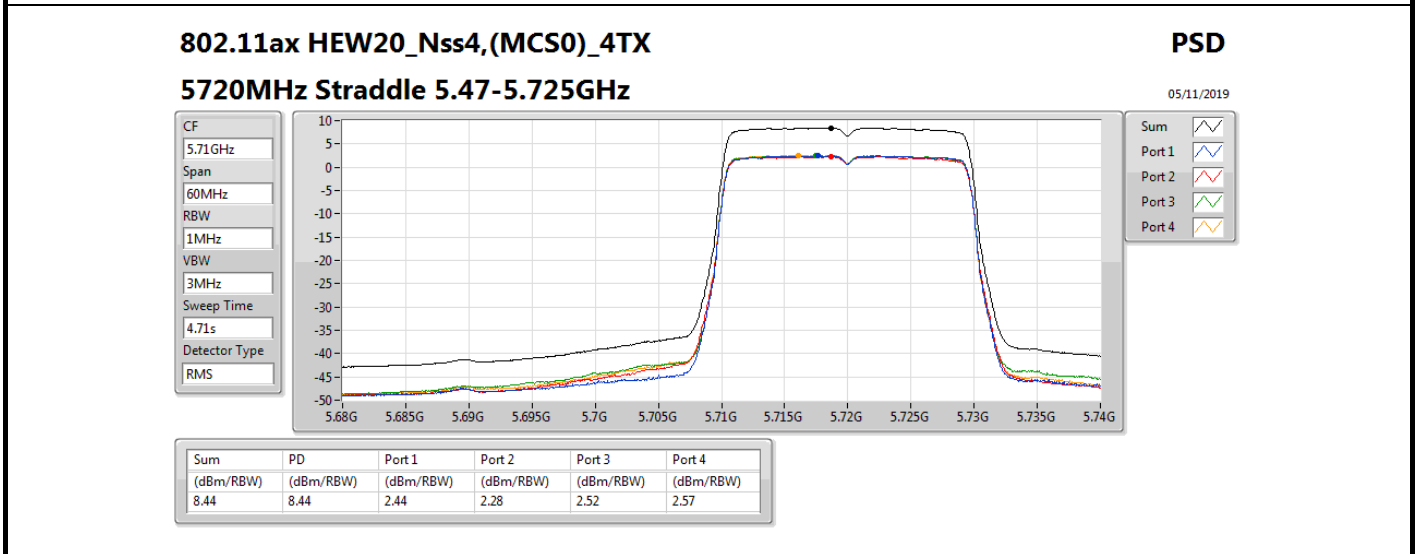
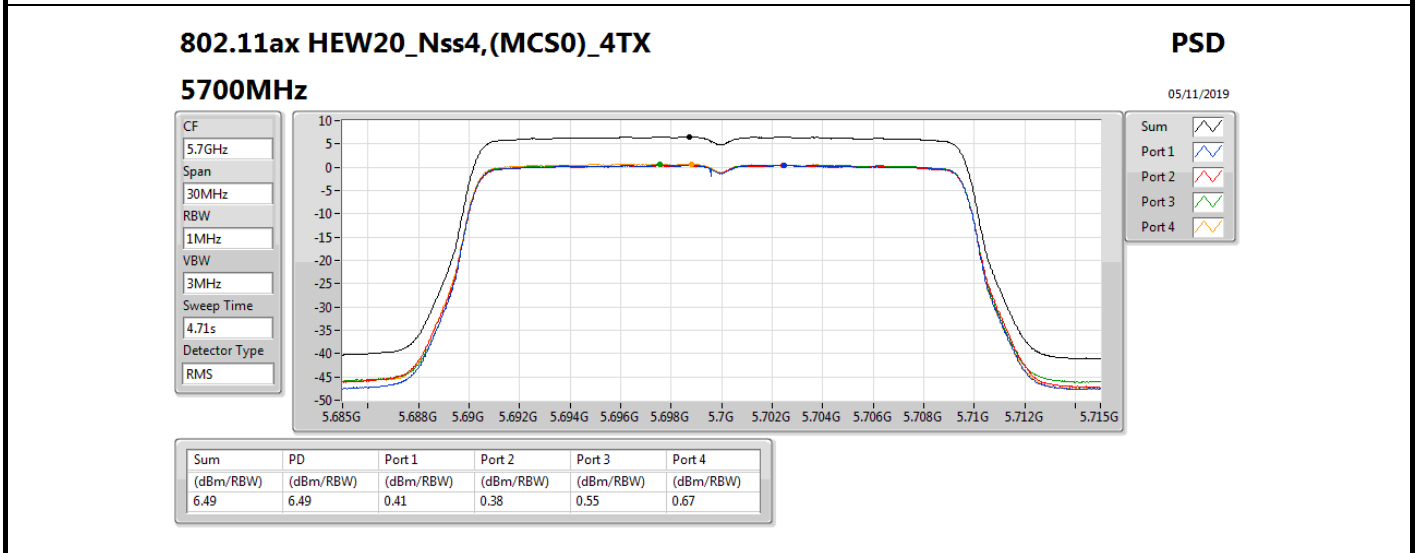
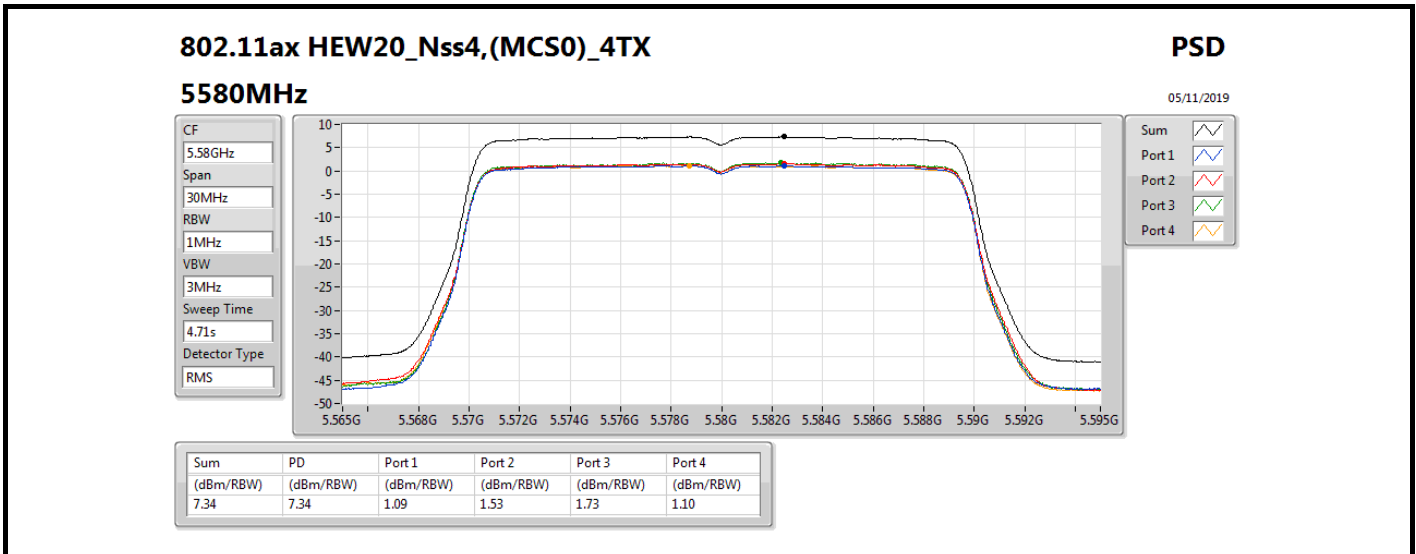
PSD

5500MHz

05/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.08	7.08	0.87	1.42	1.46	0.59

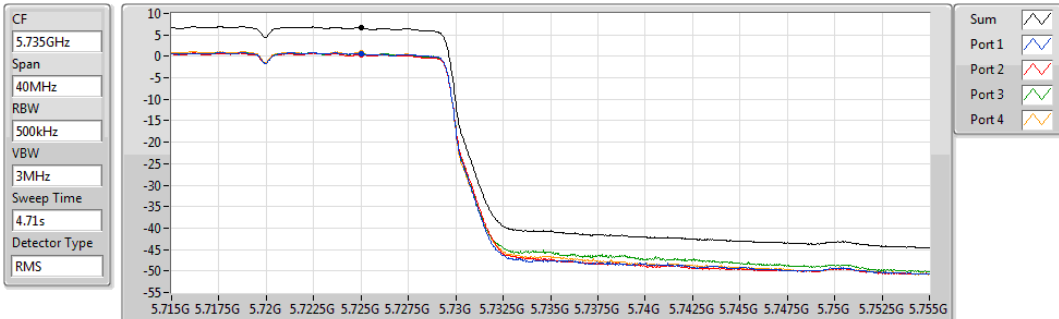


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

05/11/2019



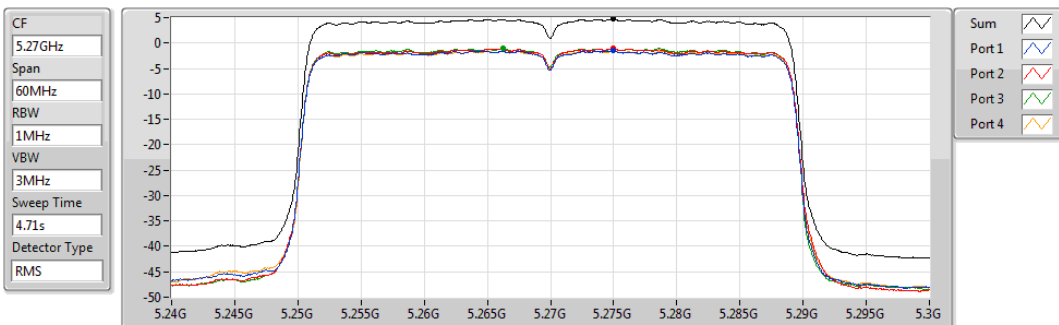
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.65	6.65	0.59	0.44	0.66	0.80

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5270MHz

05/11/2019



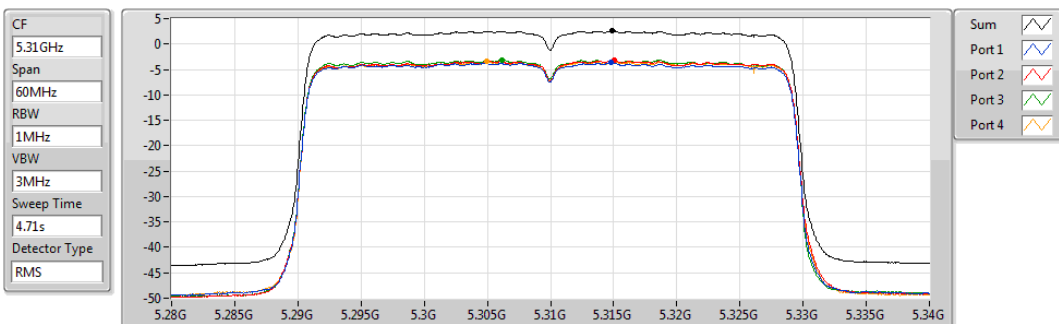
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.72	4.72	-1.52	-1.09	-0.97	-1.52

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5310MHz

05/11/2019



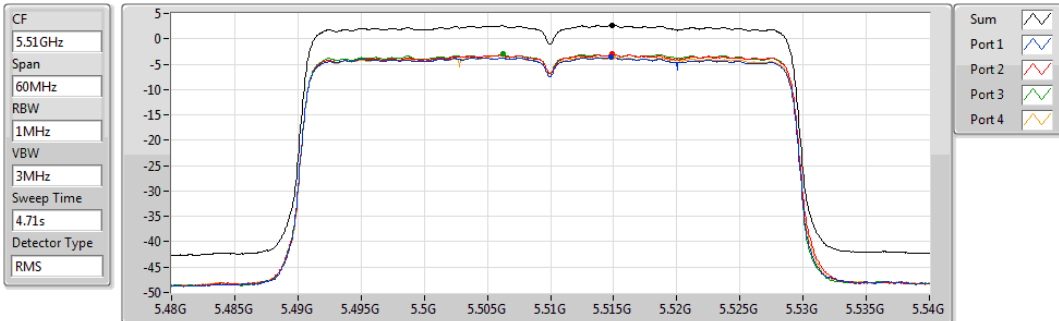
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.61	2.61	-3.68	-3.22	-3.09	-3.47

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5510MHz

05/11/2019



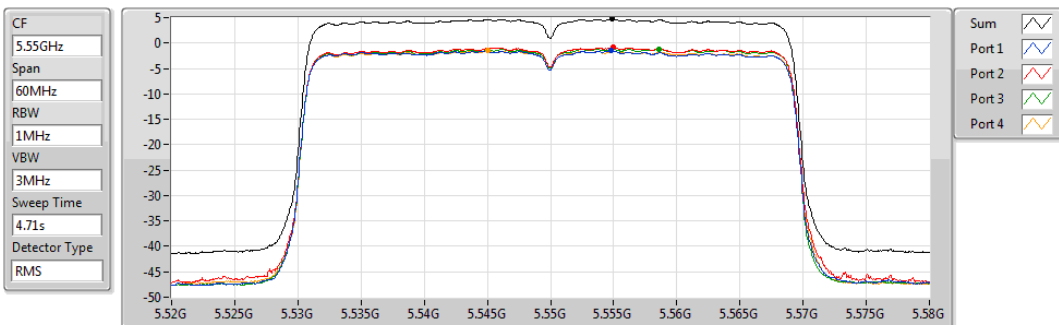
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.67	2.67	-3.63	-3.04	-3.05	-3.58

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5550MHz

05/11/2019



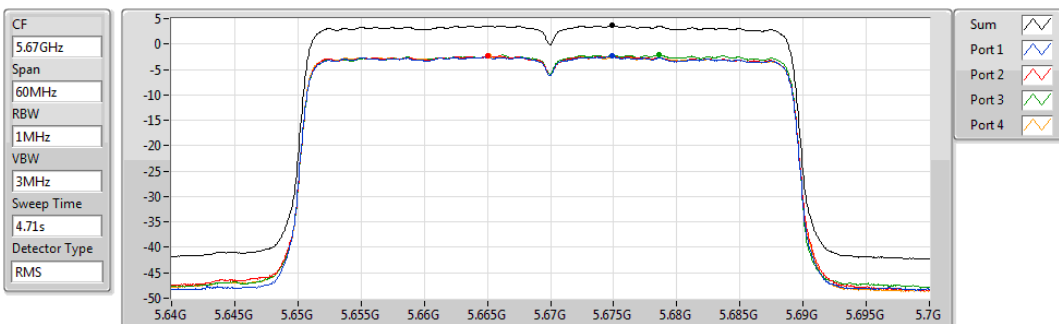
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.72	4.72	-1.52	-0.86	-1.17	-1.54

802.11ax HEW40_Nss4,(MCS0)_4TX

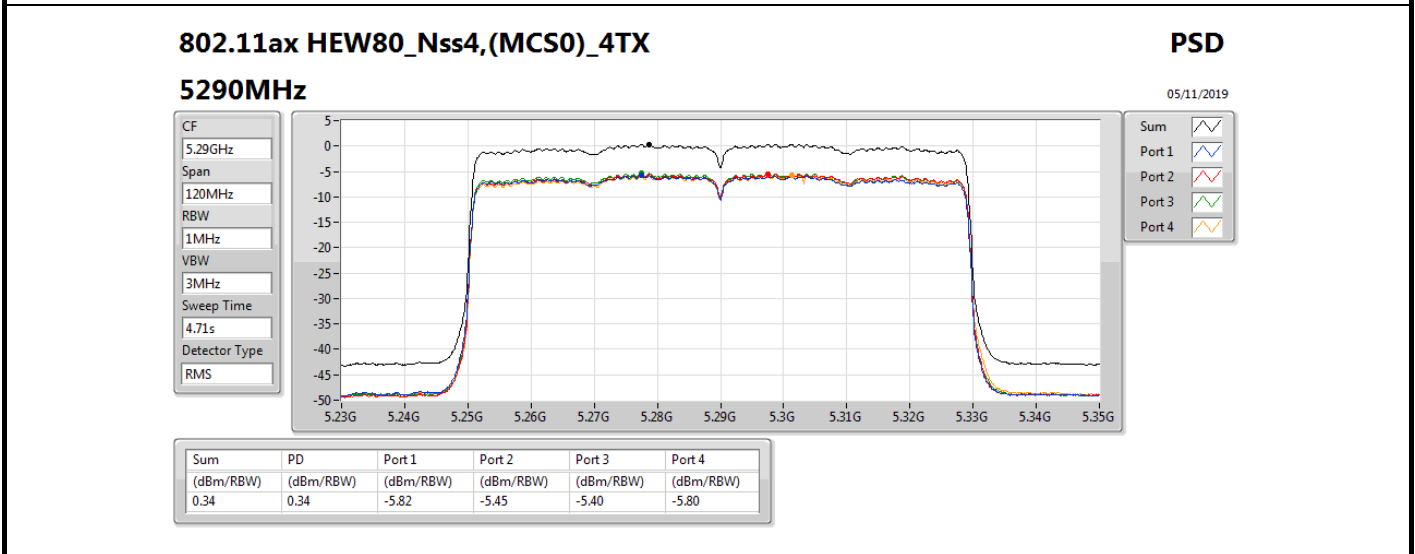
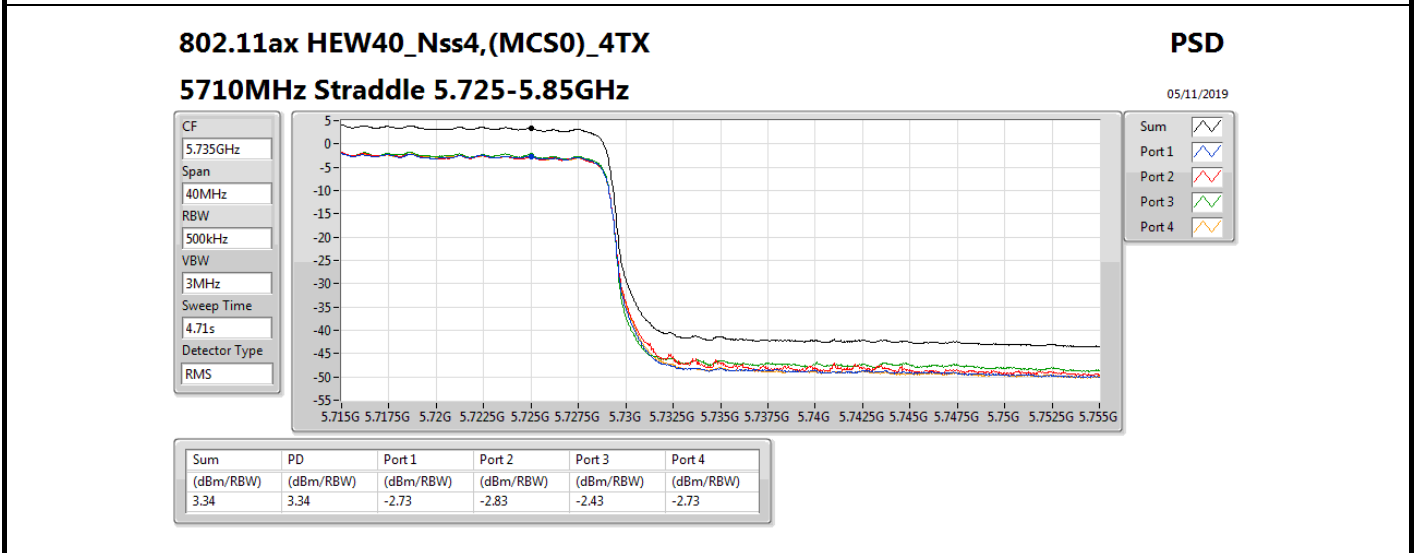
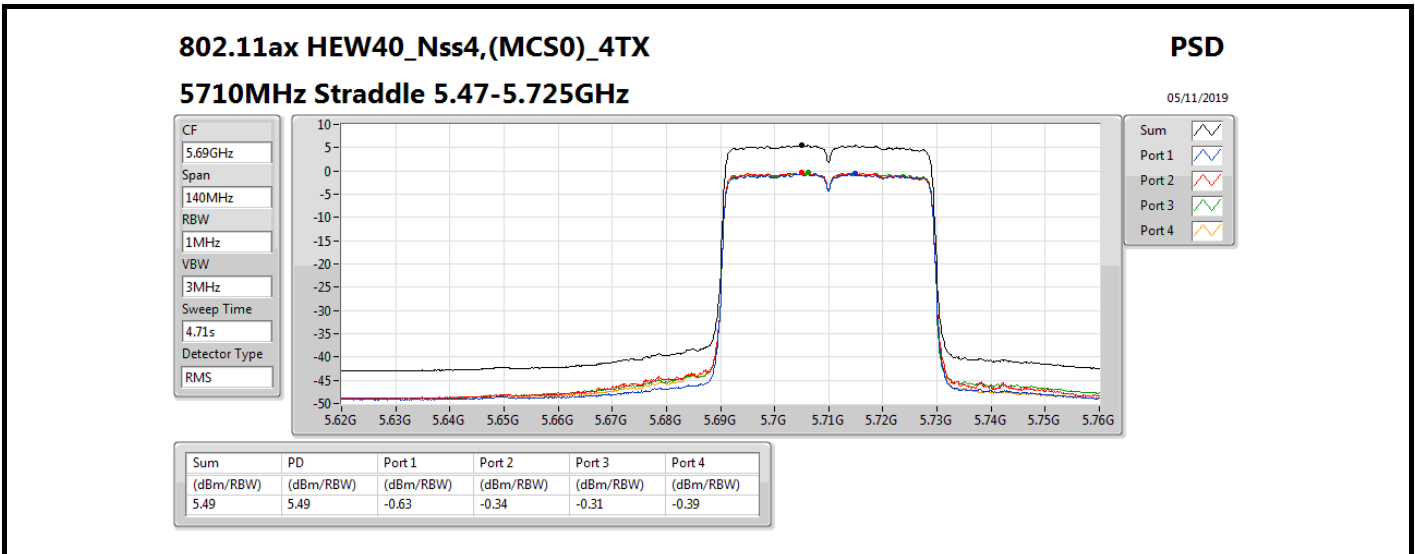
PSD

5670MHz

05/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.65	3.65	-2.41	-2.35	-2.13	-2.32



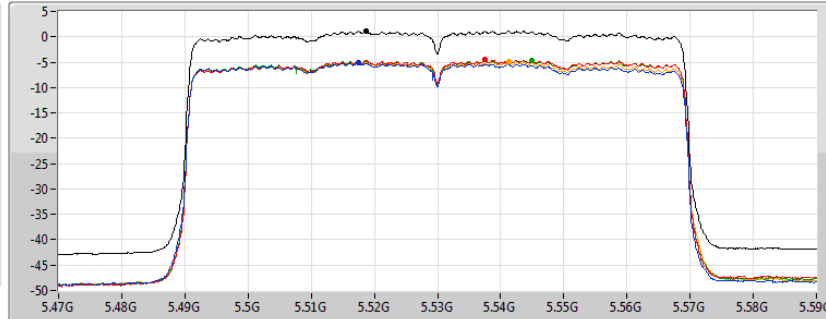
802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5530MHz

05/11/2019

CF
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
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)
1.11	1.11	-5.13	-4.46	-4.58	-4.96

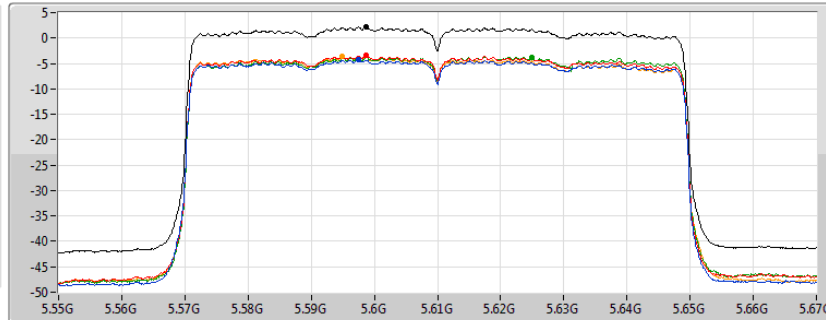
802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5610MHz

05/11/2019

CF
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
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)
2.19	2.19	-4.30	-3.38	-3.75	-3.70

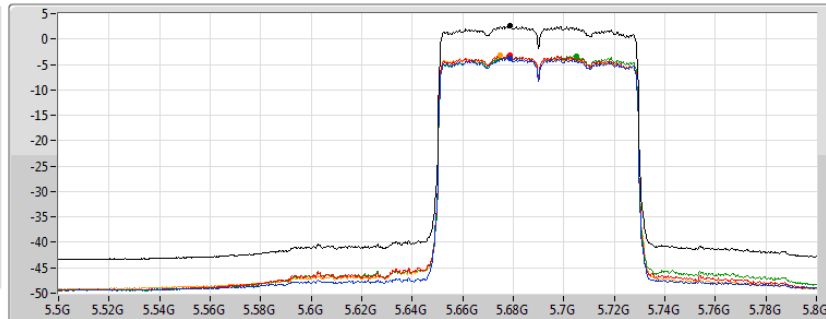
802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

05/11/2019

CF
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

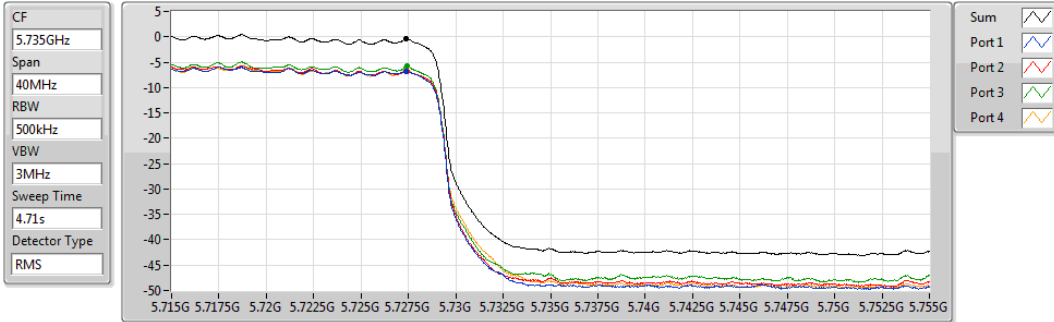
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.60	2.60	-3.74	-3.06	-3.34	-3.25

802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

05/11/2019



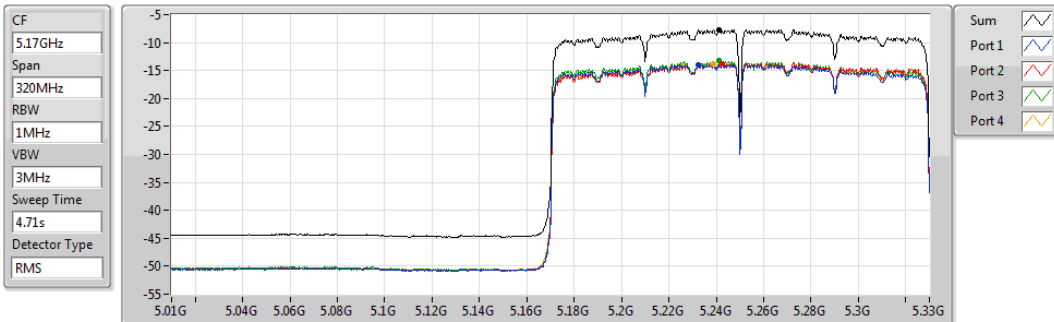
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.46	-0.46	-6.71	-6.73	-5.84	-6.68

802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

04/12/2019



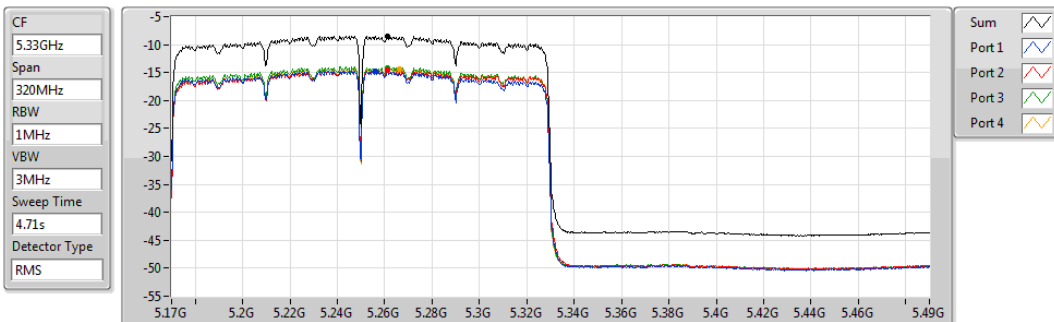
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.76	-7.76	-13.95	-13.81	-13.25	-13.73

802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

05/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.54	-8.54	-14.84	-14.63	-14.15	-14.46

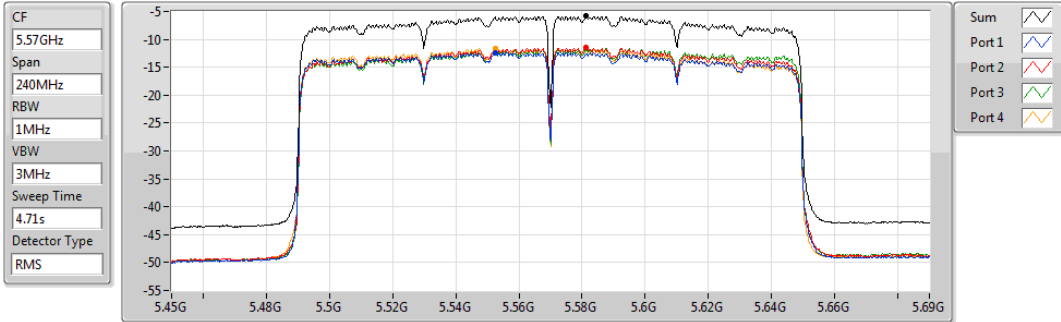


802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5570MHz

05/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.86	-5.86	-12.37	-11.50	-11.64	-11.64