



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	8.94
802.11ac VHT20_Nss1,(MCS0)_4TX	8.69
802.11ac VHT40_Nss1,(MCS0)_4TX	7.65
802.11ac VHT80_Nss1,(MCS0)_4TX	-2.60
802.11ax HEW20_Nss1,(MCS0)_4TX	8.86
802.11ax HEW40_Nss1,(MCS0)_4TX	7.73
802.11ax HEW80_Nss1,(MCS0)_4TX	-2.26
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	13.73
802.11ac VHT20_Nss1,(MCS0)_4TX	13.27
802.11ac VHT40_Nss1,(MCS0)_4TX	8.91
802.11ac VHT80_Nss1,(MCS0)_4TX	0.67
802.11ax HEW20_Nss1,(MCS0)_4TX	13.14
802.11ax HEW40_Nss1,(MCS0)_4TX	8.94
802.11ax HEW80_Nss1,(MCS0)_4TX	1.02

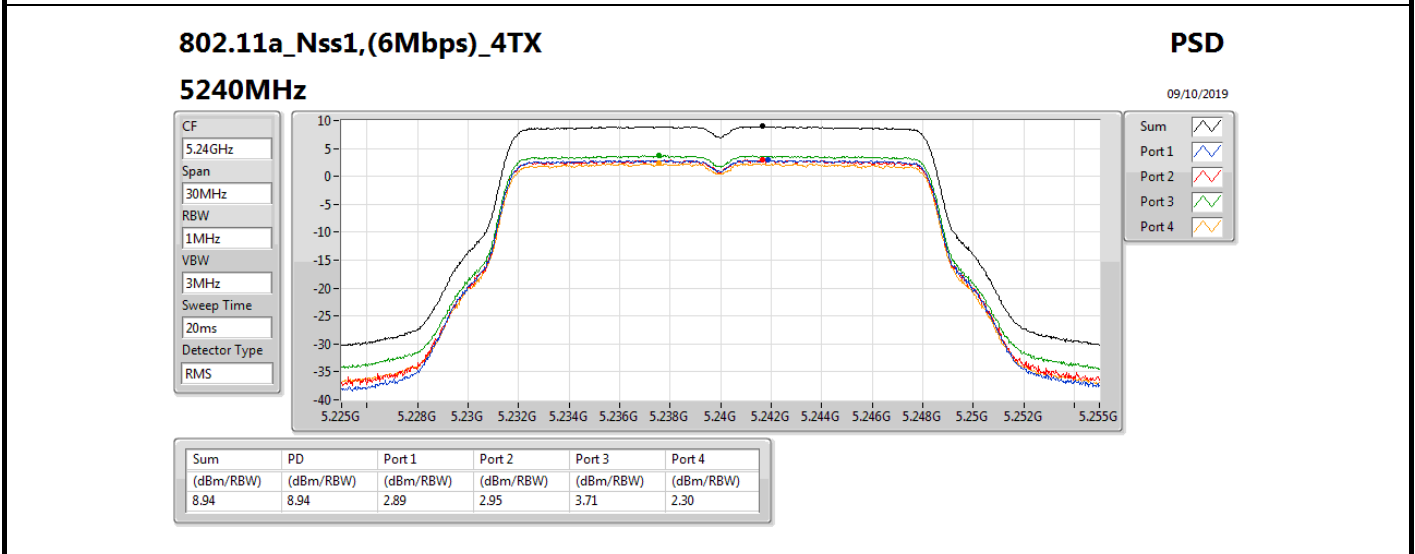
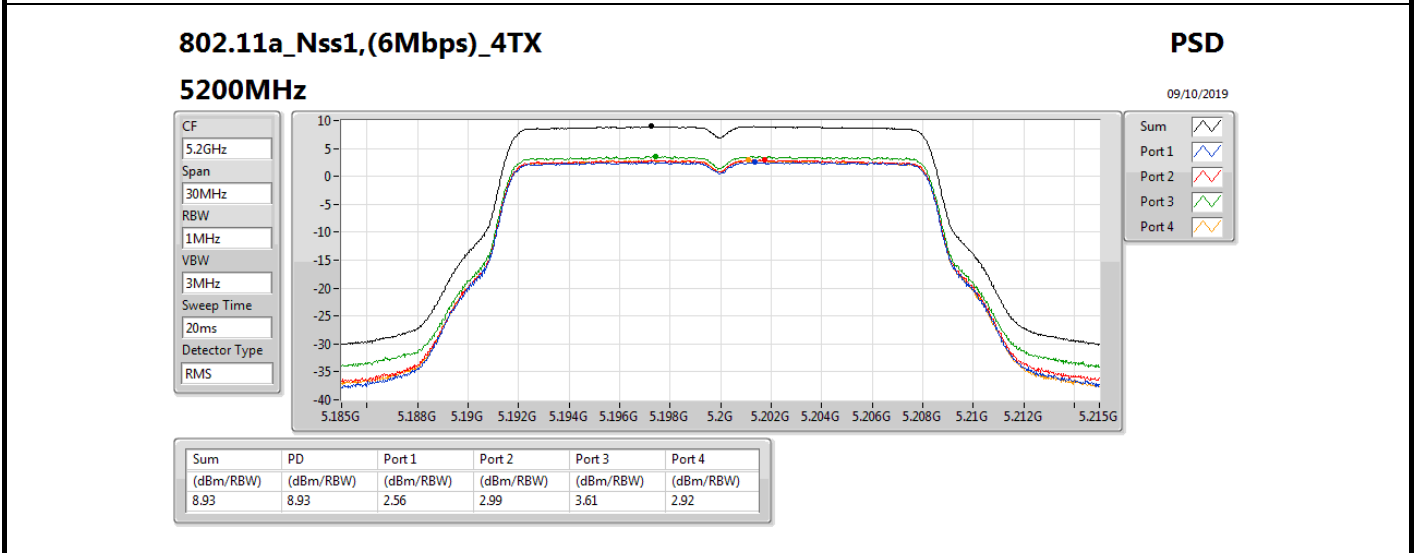
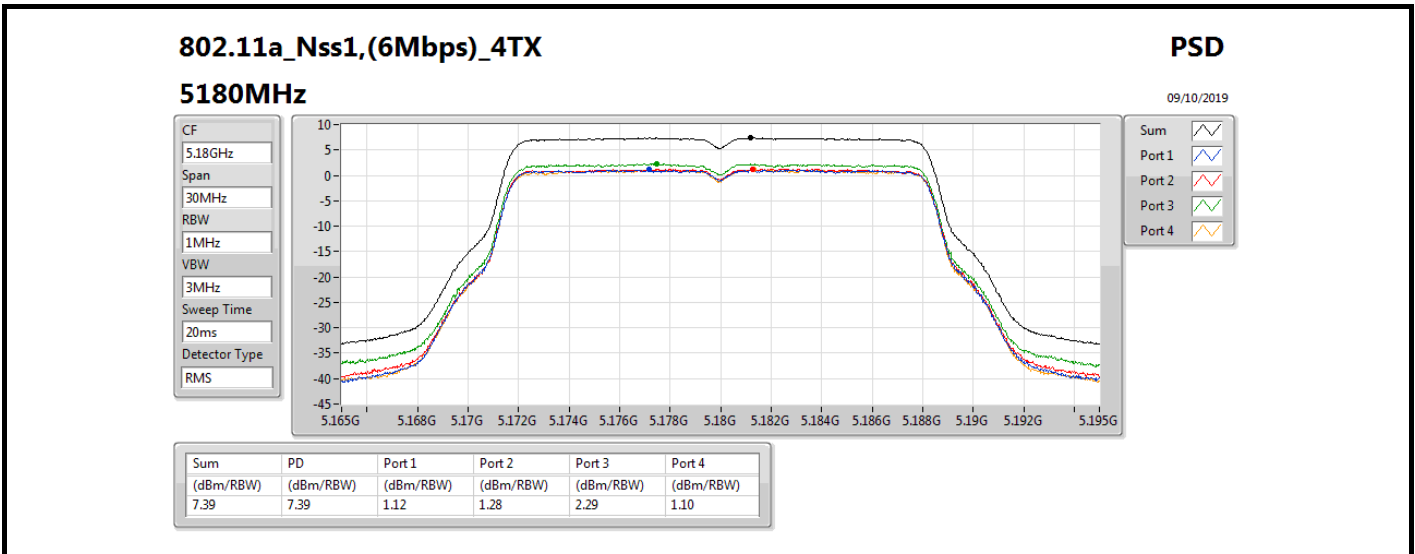
RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

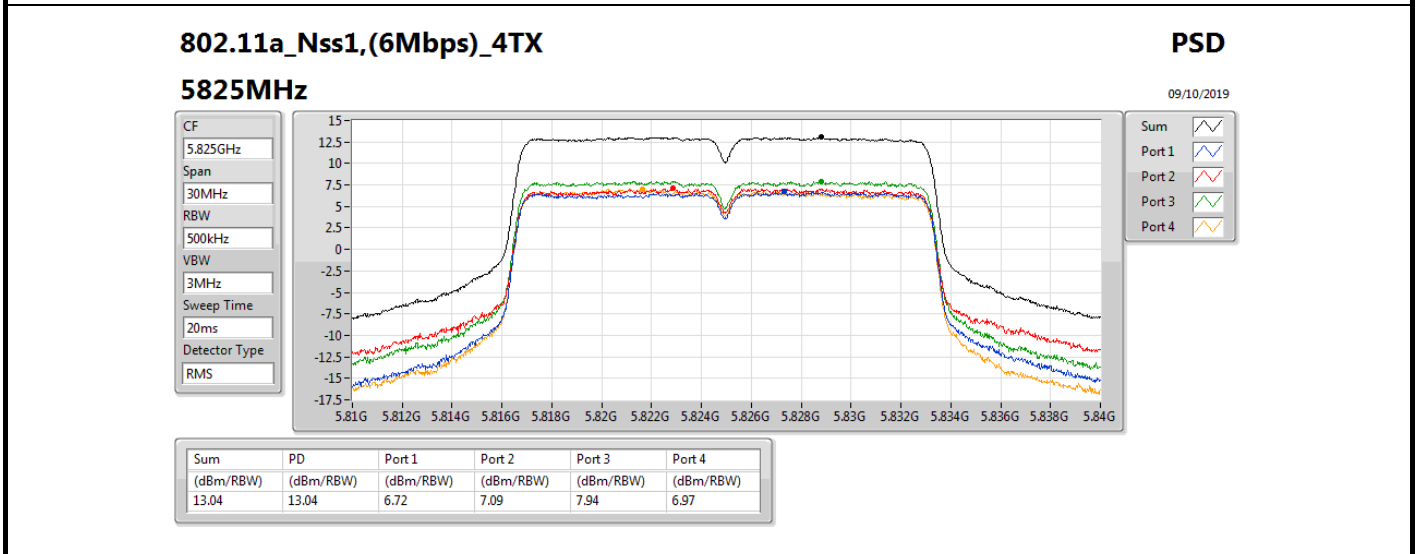
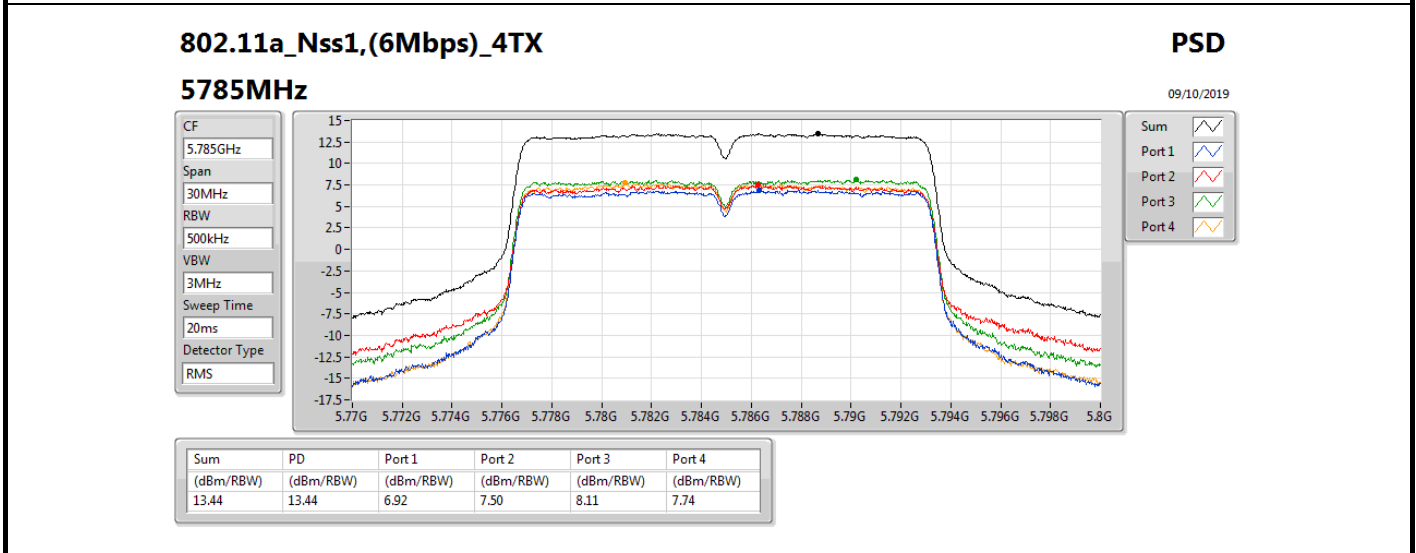
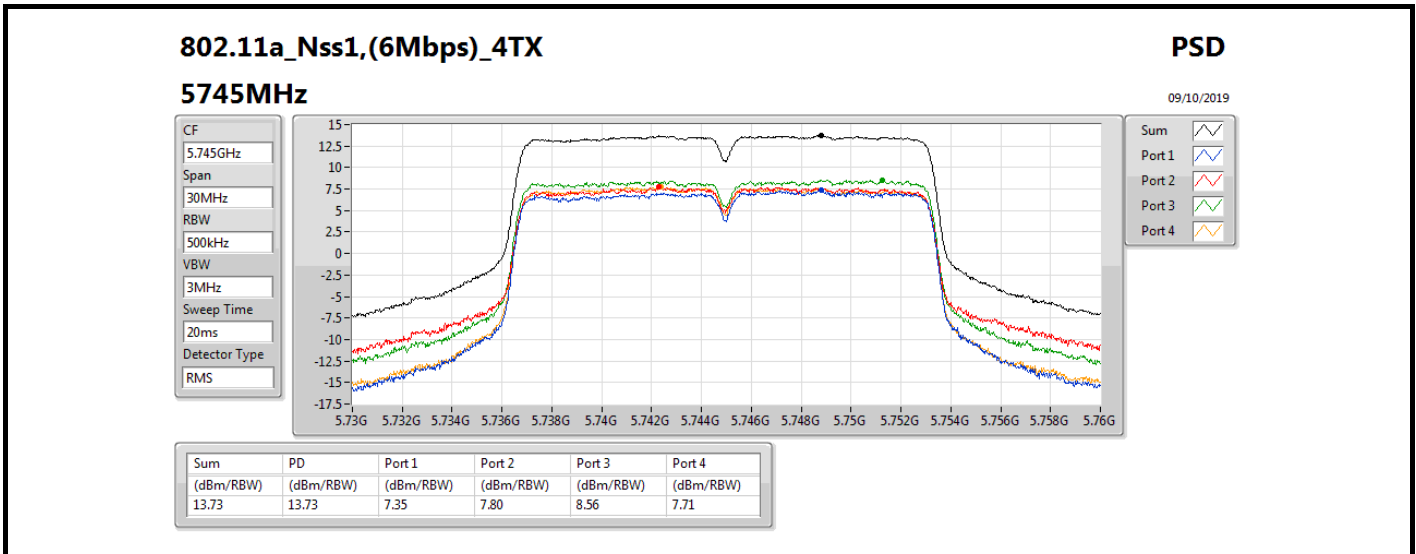


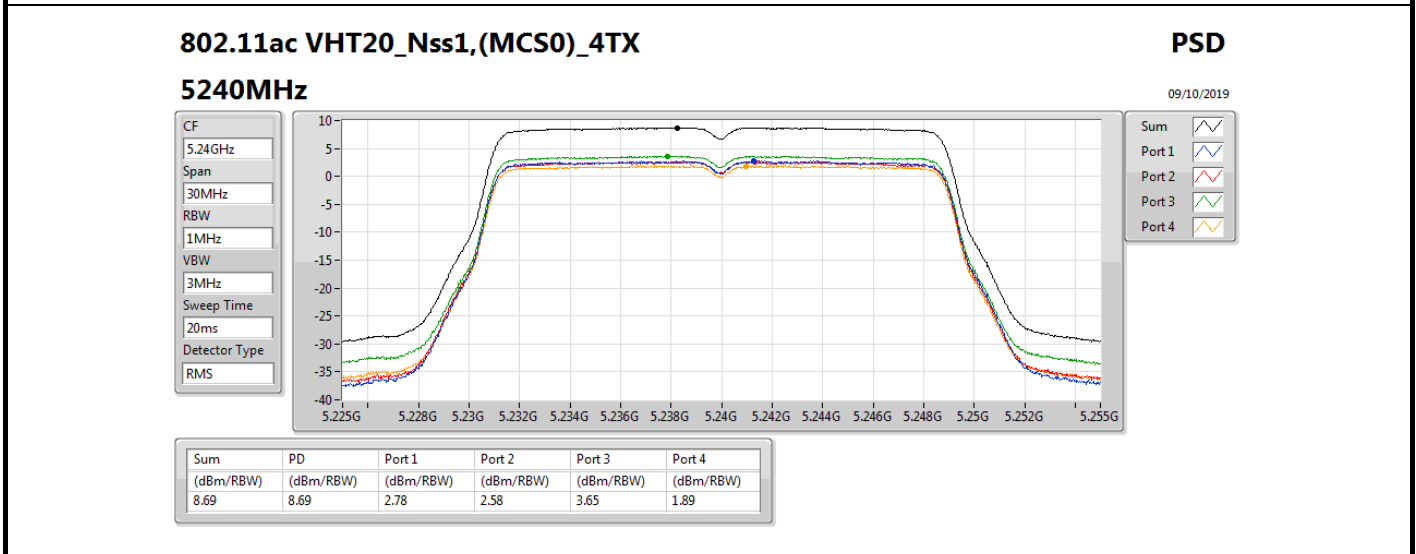
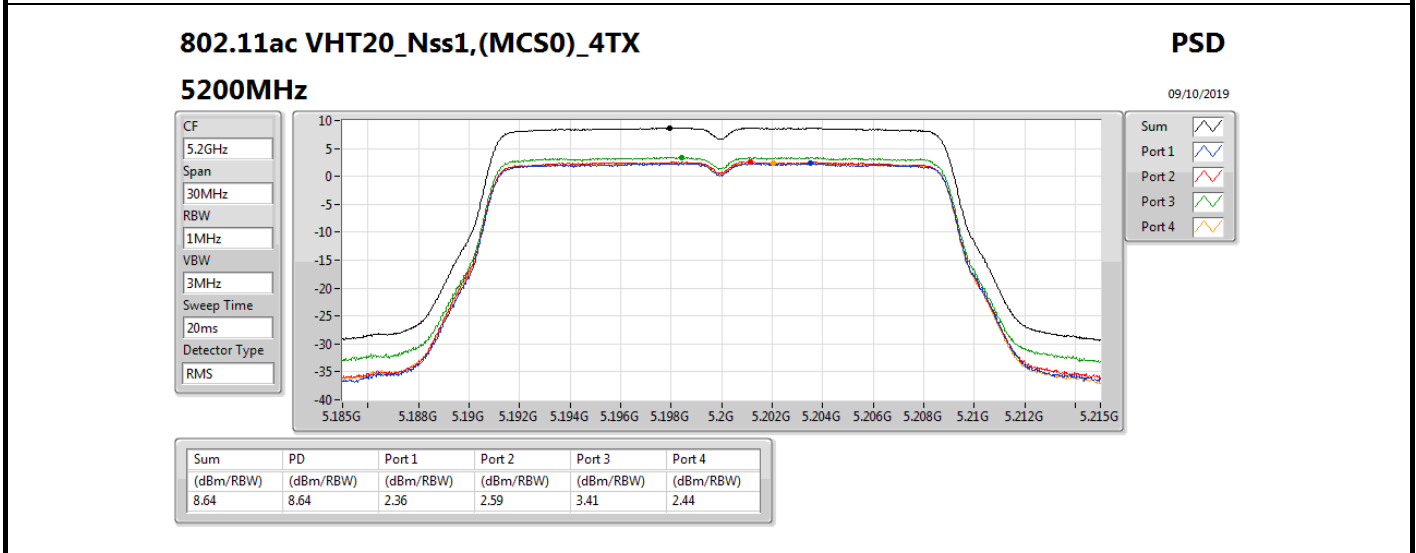
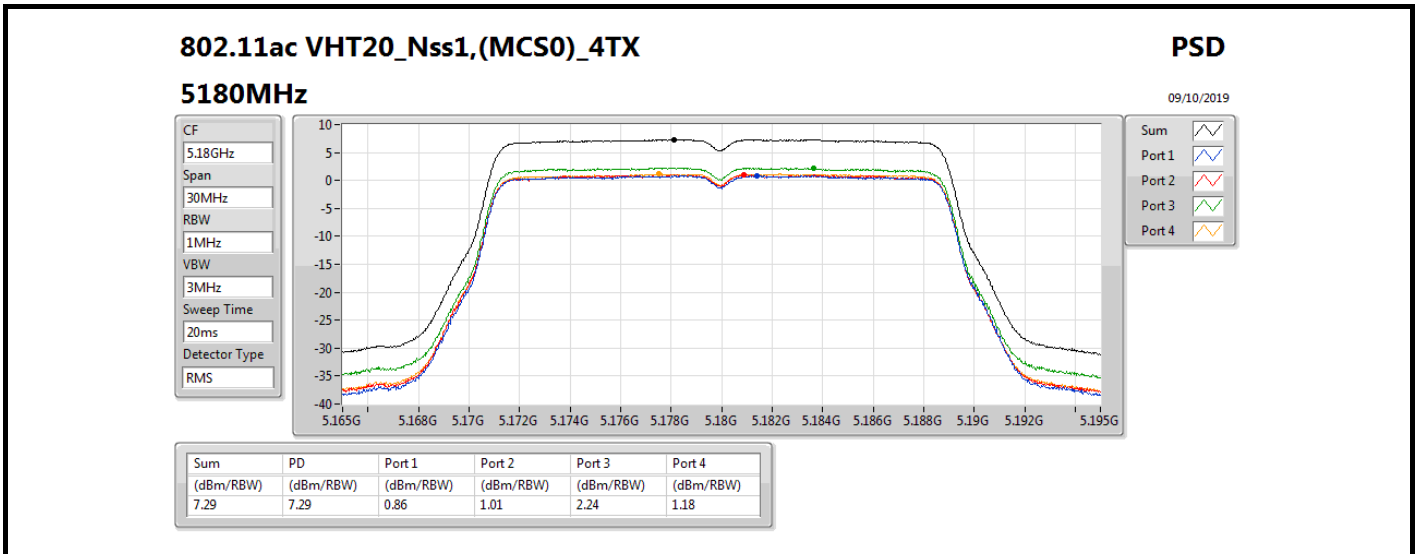
Result

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)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.02	1.12	1.28	2.29	1.10	7.39	8.98
5200MHz	Pass	14.02	2.56	2.99	3.61	2.92	8.93	8.98
5240MHz	Pass	14.02	2.89	2.95	3.71	2.30	8.94	8.98
5745MHz	Pass	14.02	7.35	7.80	8.56	7.71	13.73	21.98
5785MHz	Pass	14.02	6.92	7.50	8.11	7.74	13.44	21.98
5825MHz	Pass	14.02	6.72	7.09	7.94	6.97	13.04	21.98
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.02	0.86	1.01	2.24	1.18	7.29	8.98
5200MHz	Pass	14.02	2.36	2.59	3.41	2.44	8.64	8.98
5240MHz	Pass	14.02	2.78	2.58	3.65	1.89	8.69	8.98
5745MHz	Pass	14.02	7.08	7.17	8.24	6.91	13.27	21.98
5785MHz	Pass	14.02	6.73	6.99	7.73	6.78	12.99	21.98
5825MHz	Pass	14.02	6.91	7.16	7.80	6.49	13.01	21.98
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.02	-4.46	-4.27	-4.51	-4.33	1.50	8.98
5230MHz	Pass	14.02	1.87	1.93	1.66	1.31	7.65	8.98
5755MHz	Pass	14.02	1.32	1.80	1.73	1.15	7.48	21.98
5795MHz	Pass	14.02	2.68	3.18	3.01	2.88	8.91	21.98
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.02	-8.61	-8.41	-8.30	-8.78	-2.60	8.98
5775MHz	Pass	14.02	-5.37	-4.76	-4.96	-5.69	0.67	21.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.02	0.93	1.32	2.57	1.28	7.48	8.98
5200MHz	Pass	14.02	2.45	2.86	3.59	2.73	8.86	8.98
5240MHz	Pass	14.02	2.92	2.69	3.84	2.11	8.84	8.98
5745MHz	Pass	14.02	6.90	6.88	8.07	6.80	13.14	21.98
5785MHz	Pass	14.02	6.72	6.89	7.67	6.65	12.93	21.98
5825MHz	Pass	14.02	6.91	6.93	7.88	6.43	12.99	21.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.02	-4.39	-4.23	-4.24	-4.11	1.73	8.98
5230MHz	Pass	14.02	2.03	2.08	1.61	1.49	7.73	8.98
5755MHz	Pass	14.02	1.58	1.86	1.86	1.38	7.60	21.98
5795MHz	Pass	14.02	2.90	3.25	3.08	3.00	8.94	21.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.02	-8.22	-7.99	-8.11	-8.35	-2.26	8.98
5775MHz	Pass	14.02	-5.45	-4.31	-4.73	-5.26	1.02	21.98

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;







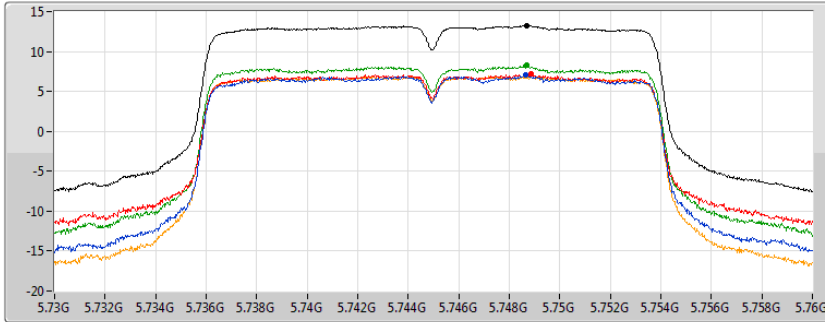
802.11ac VHT20\_Nss1,(MCS0)\_4TX

PSD

5745MHz

09/10/2019

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
13.27	13.27	7.08	7.17	8.24	6.91

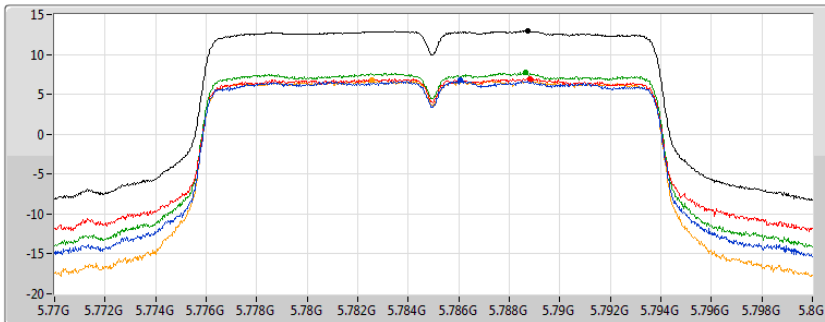
802.11ac VHT20\_Nss1,(MCS0)\_4TX

PSD

5785MHz

09/10/2019

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.99	12.99	6.73	6.99	7.73	6.78

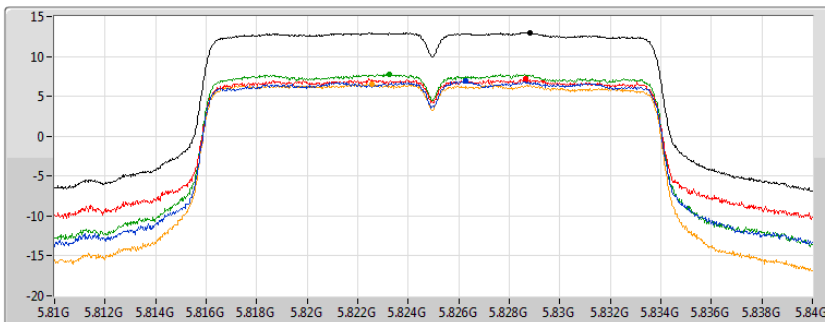
802.11ac VHT20\_Nss1,(MCS0)\_4TX

PSD

5825MHz

09/10/2019

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
13.01	13.01	6.91	7.16	7.80	6.49

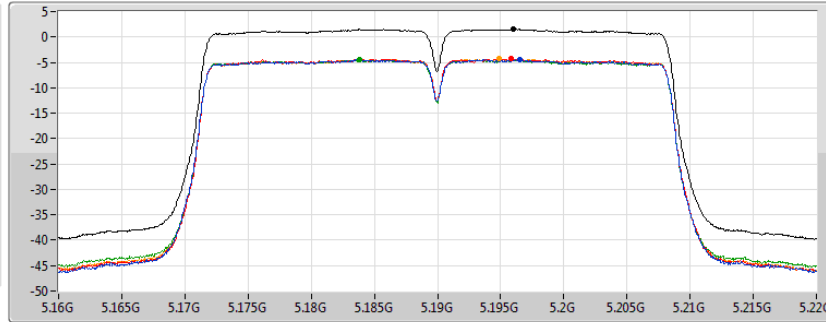
802.11ac VHT40\_Nss1,(MCS0)\_4TX

PSD

5190MHz

09/10/2019

CF  
5.19GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
1.50	1.50	-4.46	-4.27	-4.51	-4.33

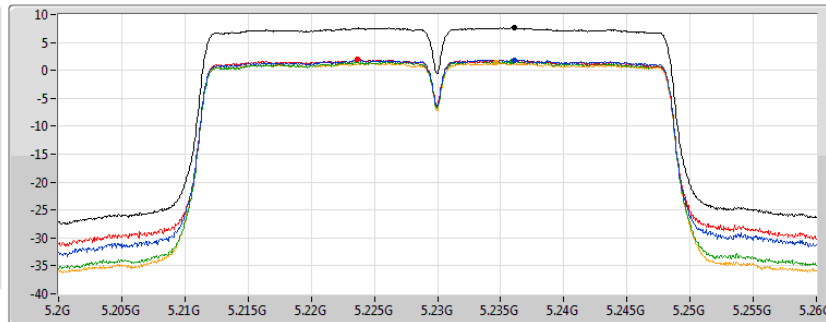
802.11ac VHT40\_Nss1,(MCS0)\_4TX

PSD

5230MHz

09/10/2019

CF  
5.23GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
7.65	7.65	1.87	1.93	1.66	1.31

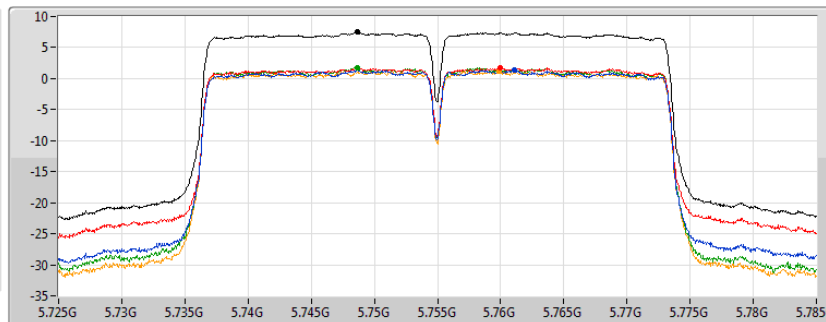
802.11ac VHT40\_Nss1,(MCS0)\_4TX

PSD

5755MHz

09/10/2019

CF  
5.755GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
7.48	7.48	1.32	1.80	1.73	1.15



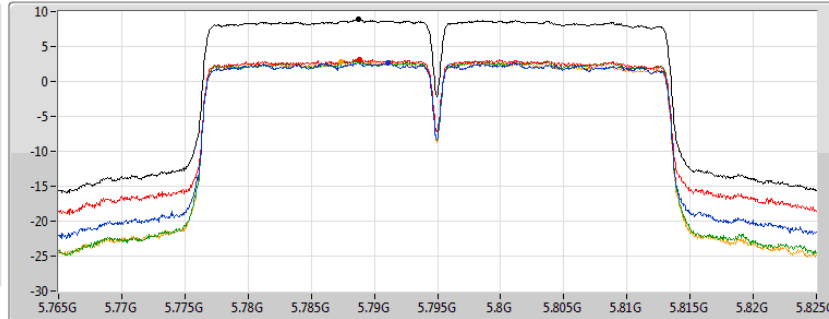
802.11ac VHT40\_Nss1,(MCS0)\_4TX

PSD

5795MHz

09/10/2019

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
8.91	8.91	2.68	3.18	3.01	2.88

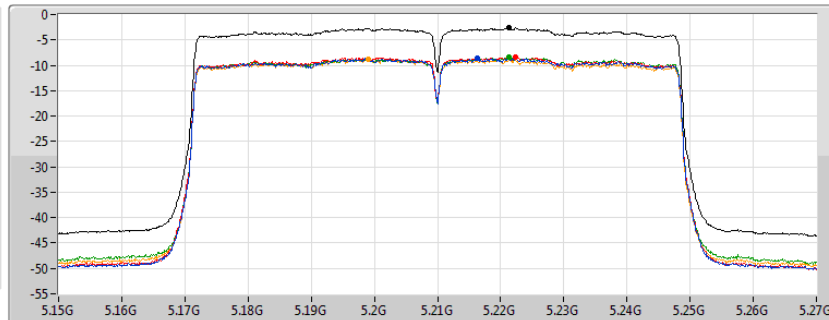
802.11ac VHT80\_Nss1,(MCS0)\_4TX

PSD

5210MHz

09/10/2019

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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	-8.61	-8.41	-8.30	-8.78

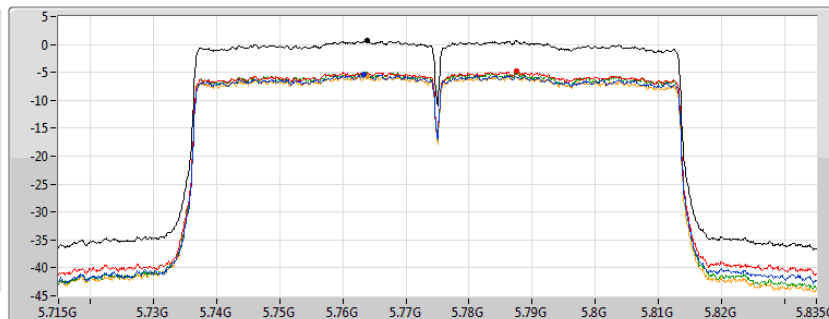
802.11ac VHT80\_Nss1,(MCS0)\_4TX

PSD

5775MHz

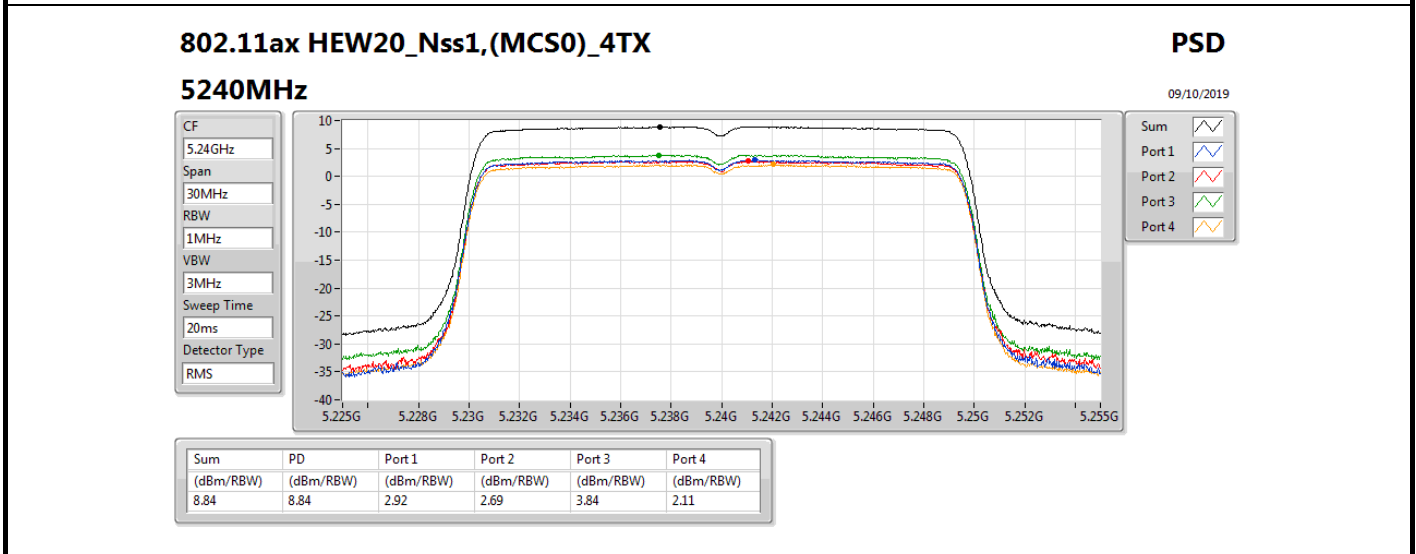
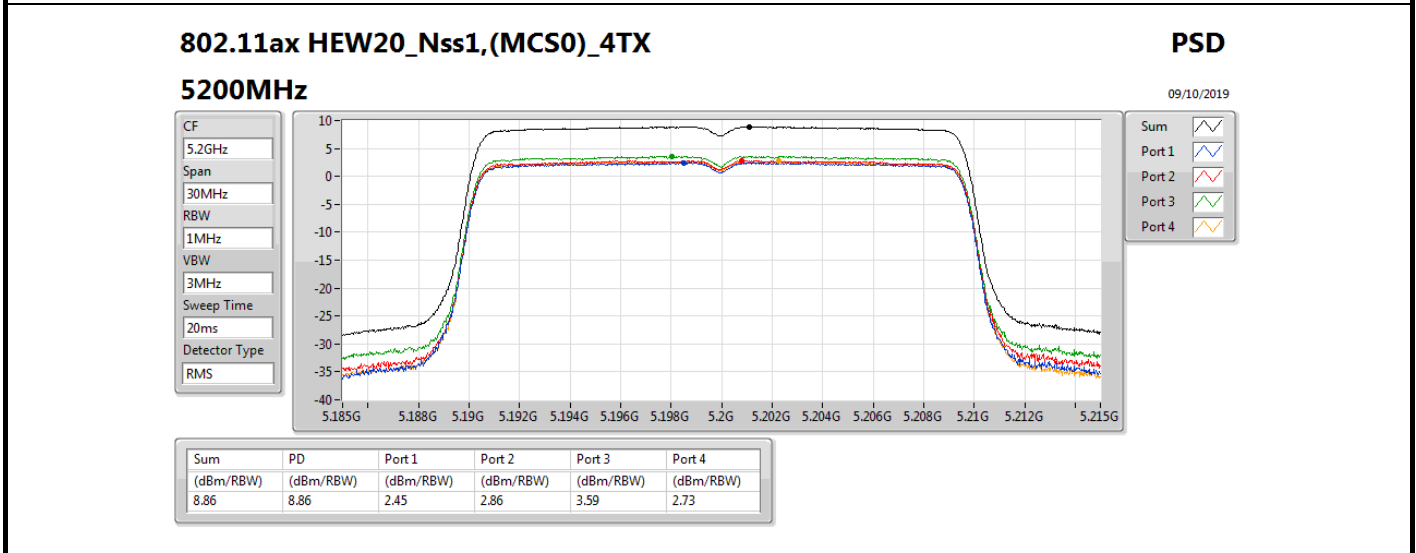
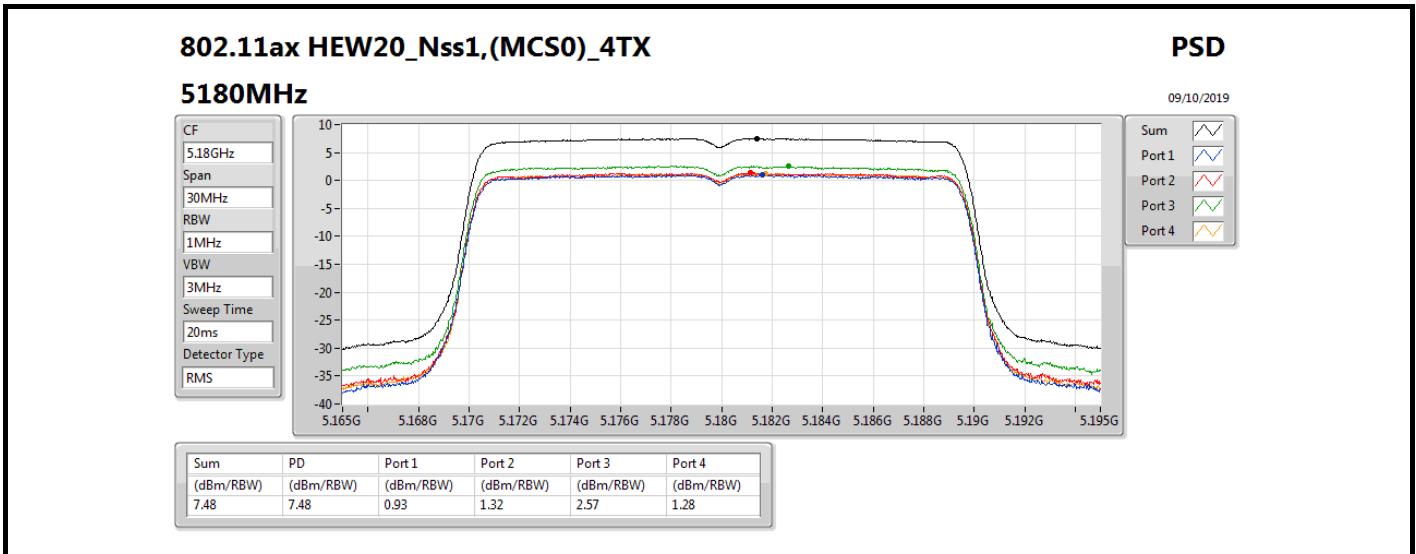
09/10/2019

CF  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
0.67	0.67	-5.37	-4.76	-4.96	-5.69

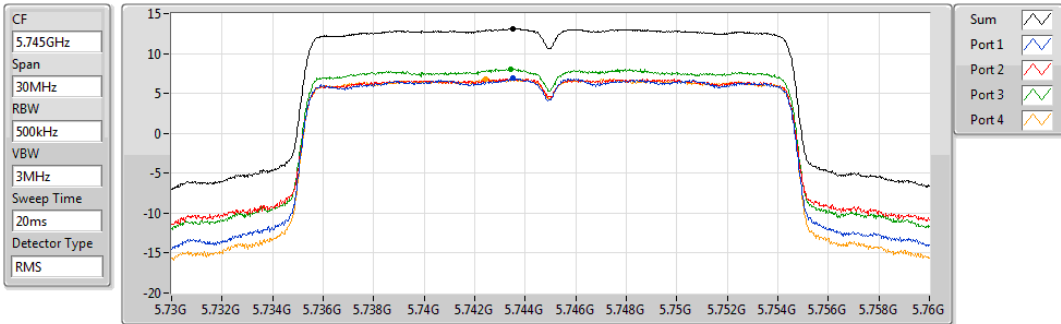


802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

5745MHz

09/10/2019



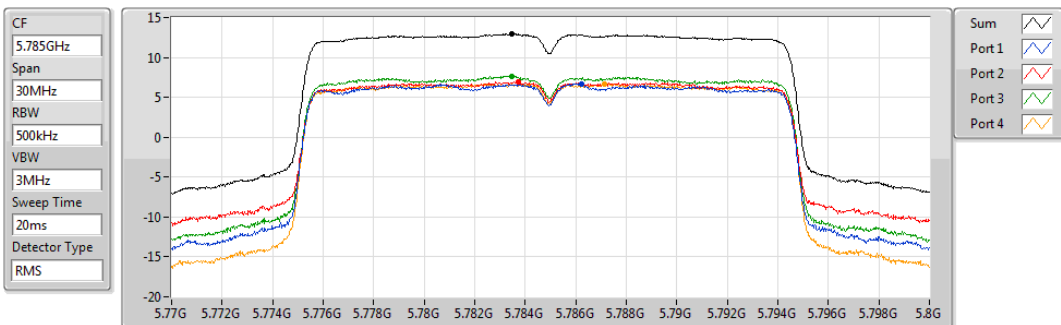
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.14	13.14	6.90	6.88	8.07	6.80

802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

5785MHz

09/10/2019



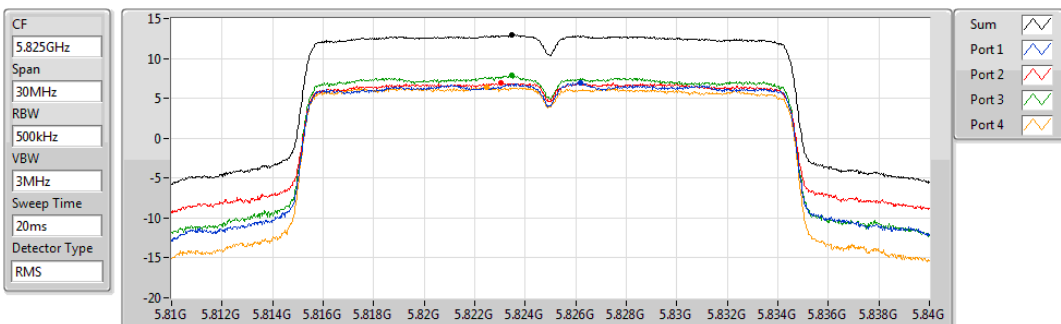
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.93	12.93	6.72	6.89	7.67	6.65

802.11ax HEW20\_Nss1,(MCS0)\_4TX

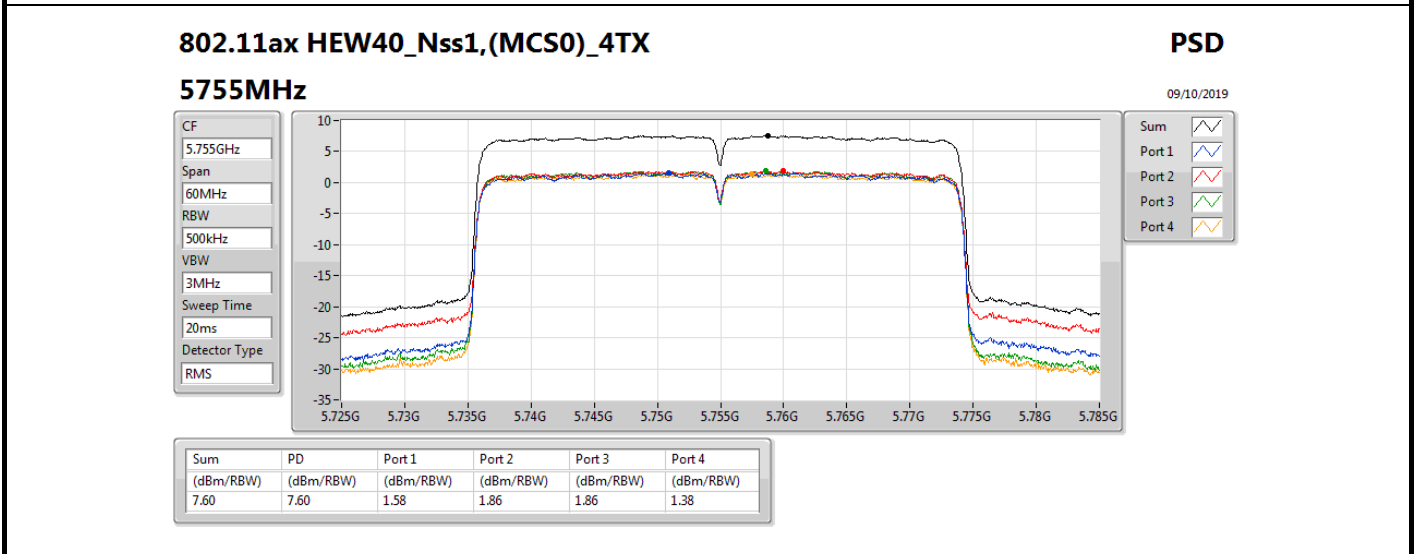
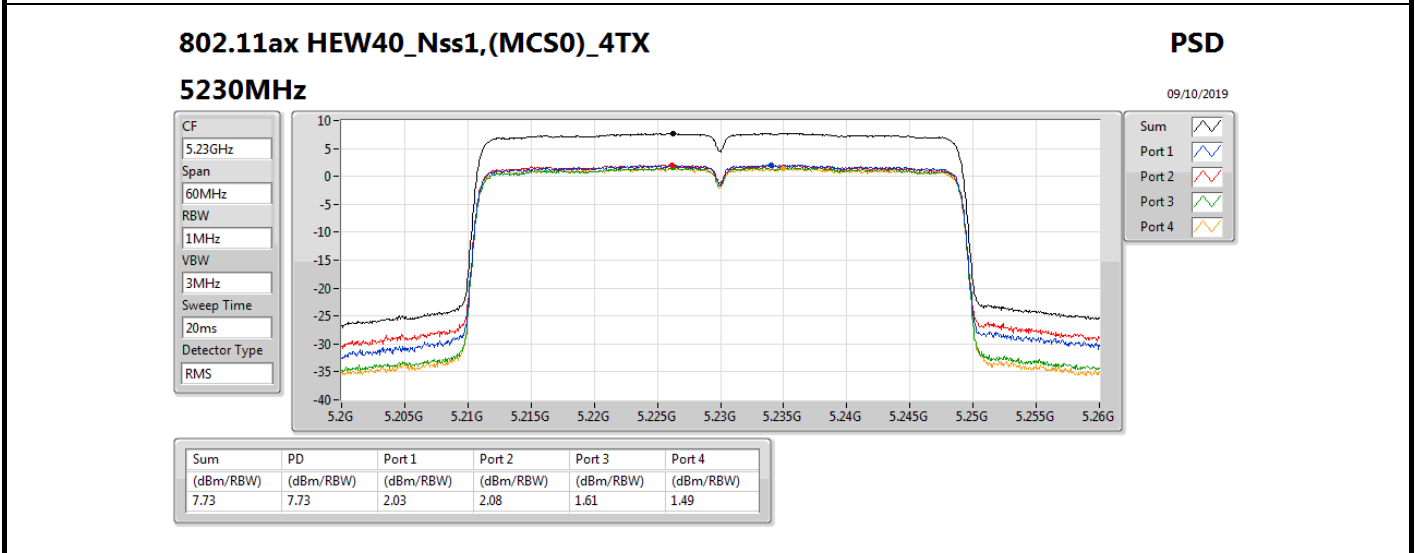
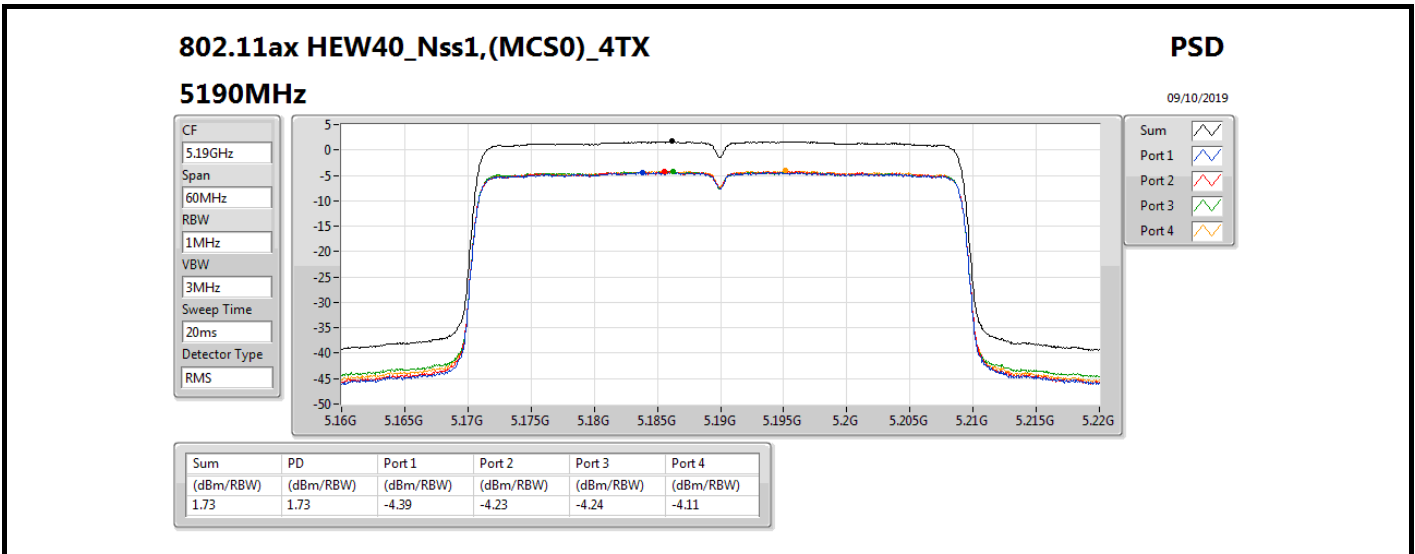
PSD

5825MHz

09/10/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.99	12.99	6.91	6.93	7.88	6.43



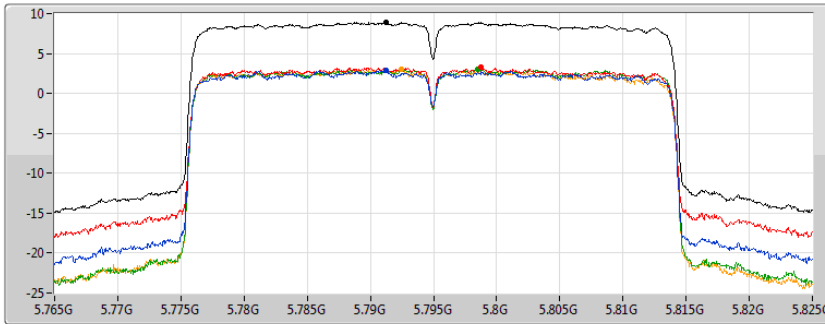
802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5795MHz

09/10/2019

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
8.94	8.94	2.90	3.25	3.08	3.00

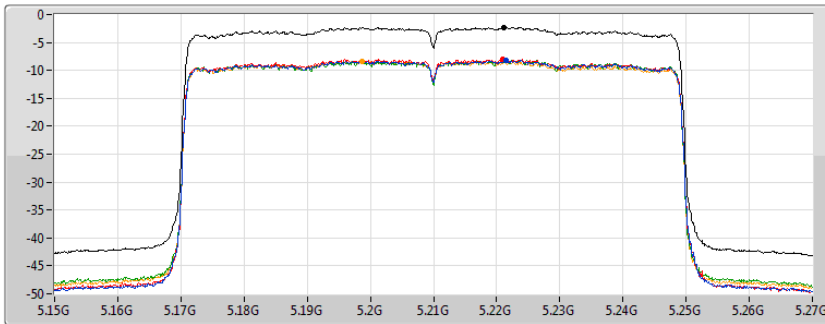
802.11ax HEW80\_Nss1,(MCS0)\_4TX

PSD

5210MHz

09/10/2019

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
-2.26	-2.26	-8.22	-7.99	-8.11	-8.35

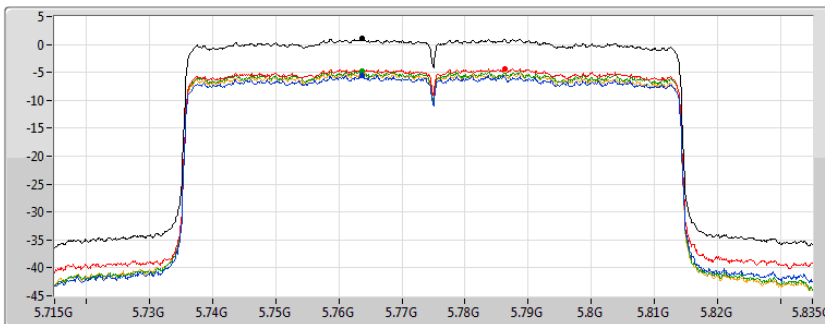
802.11ax HEW80\_Nss1,(MCS0)\_4TX

PSD

5775MHz

09/10/2019

CF  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
1.02	1.02	-5.45	-4.31	-4.73	-5.26



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	8.89
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	6.12
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-1.63
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.95
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.62
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.41
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	7.45
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	4.75
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	1.81
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.11
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	4.78
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.02

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)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.02	2.58	2.42	2.88	3.32	8.73	8.98
5200MHz	Pass	14.02	2.92	2.59	2.84	3.45	8.89	8.98
5240MHz	Pass	14.02	3.08	2.67	3.00	3.09	8.83	8.98
5745MHz	Pass	14.02	1.25	1.38	1.50	2.24	7.45	21.98
5785MHz	Pass	14.02	1.54	1.31	1.34	2.11	7.42	21.98
5825MHz	Pass	14.02	1.90	1.61	1.12	1.70	7.41	21.98
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.02	-2.71	-3.13	-2.42	-2.25	3.27	8.98
5230MHz	Pass	14.02	0.22	-0.15	0.14	0.56	6.12	8.98
5755MHz	Pass	14.02	-1.14	-1.42	-1.38	-0.71	4.75	21.98
5795MHz	Pass	14.02	-1.30	-1.37	-1.92	-0.93	4.53	21.98
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.02	-7.71	-7.95	-7.39	-7.32	-1.63	8.98
5775MHz	Pass	14.02	-4.05	-4.39	-4.05	-3.83	1.81	21.98
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	14.02	2.63	2.71	3.20	3.47	8.89	8.98
5200MHz	Pass	14.02	2.86	2.57	3.13	3.52	8.95	8.98
5240MHz	Pass	14.02	3.15	2.74	2.98	3.06	8.92	8.98
5745MHz	Pass	14.02	1.98	1.89	2.08	2.89	8.11	21.98
5785MHz	Pass	14.02	2.10	1.47	1.54	2.69	7.82	21.98
5825MHz	Pass	14.02	2.11	1.68	1.33	2.12	7.70	21.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	14.02	-2.26	-2.67	-2.01	-1.57	3.82	8.98
5230MHz	Pass	14.02	0.81	0.48	0.65	0.86	6.62	8.98
5755MHz	Pass	14.02	-1.02	-1.29	-1.27	-0.40	4.78	21.98
5795MHz	Pass	14.02	-0.86	-1.54	-1.81	-0.98	4.53	21.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	14.02	-7.32	-7.91	-6.85	-7.20	-1.41	8.98
5775MHz	Pass	14.02	-3.63	-4.29	-4.00	-3.35	2.02	21.98

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;

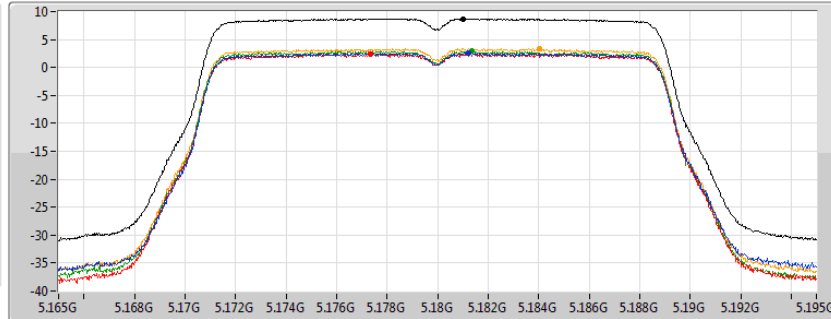
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

PSD

5180MHz

14/10/2019

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
8.73	8.73	2.58	2.42	2.88	3.32

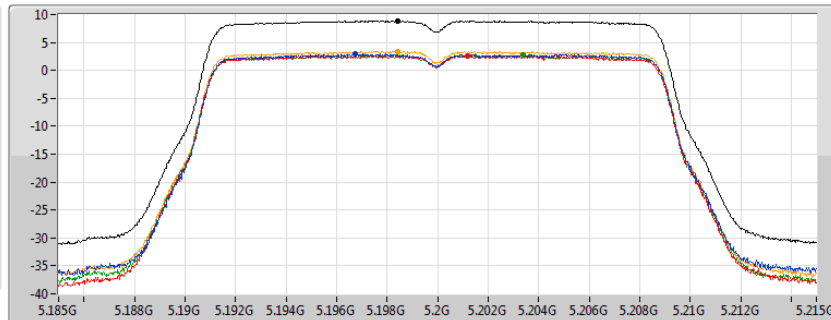
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

PSD

5200MHz

14/10/2019

CF  
5.2GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
8.89	8.89	2.92	2.59	2.84	3.45

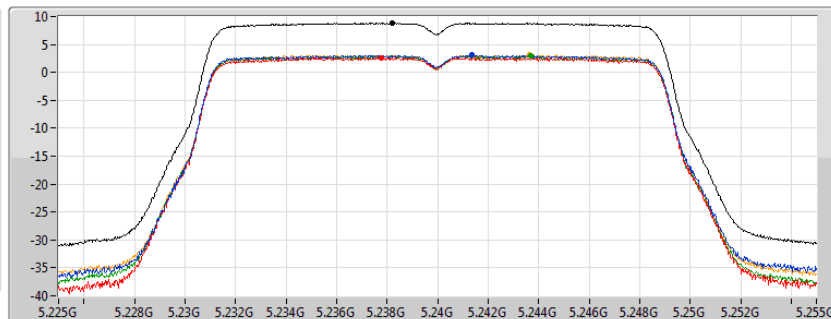
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

PSD

5240MHz

14/10/2019

CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
8.83	8.83	3.08	2.67	3.00	3.09



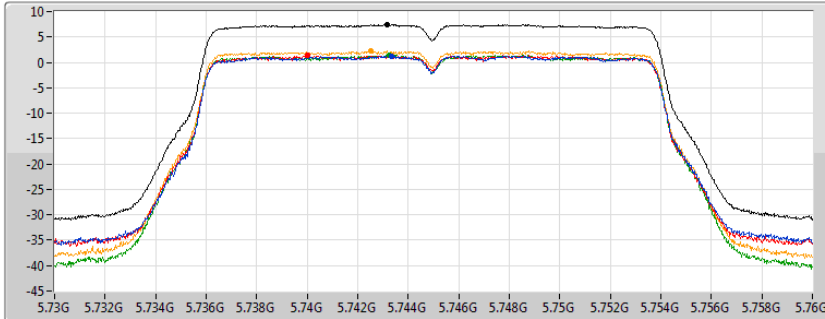
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

PSD

5745MHz

14/10/2019

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
7.45	7.45	1.25	1.38	1.50	2.24

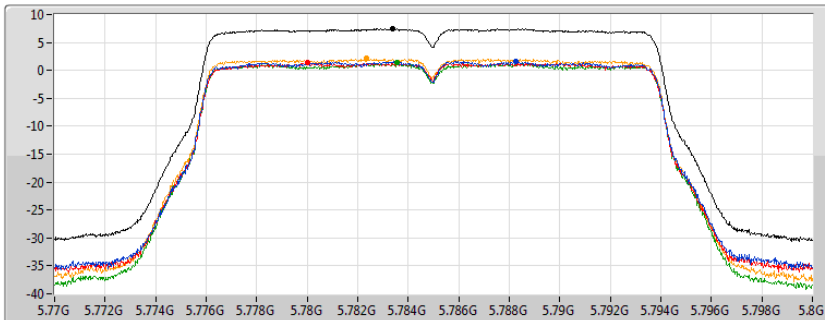
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

PSD

5785MHz

14/10/2019

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
7.42	7.42	1.54	1.31	1.34	2.11

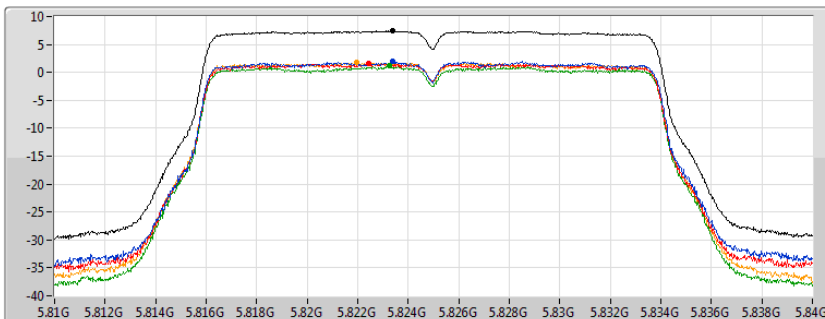
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

PSD

5825MHz

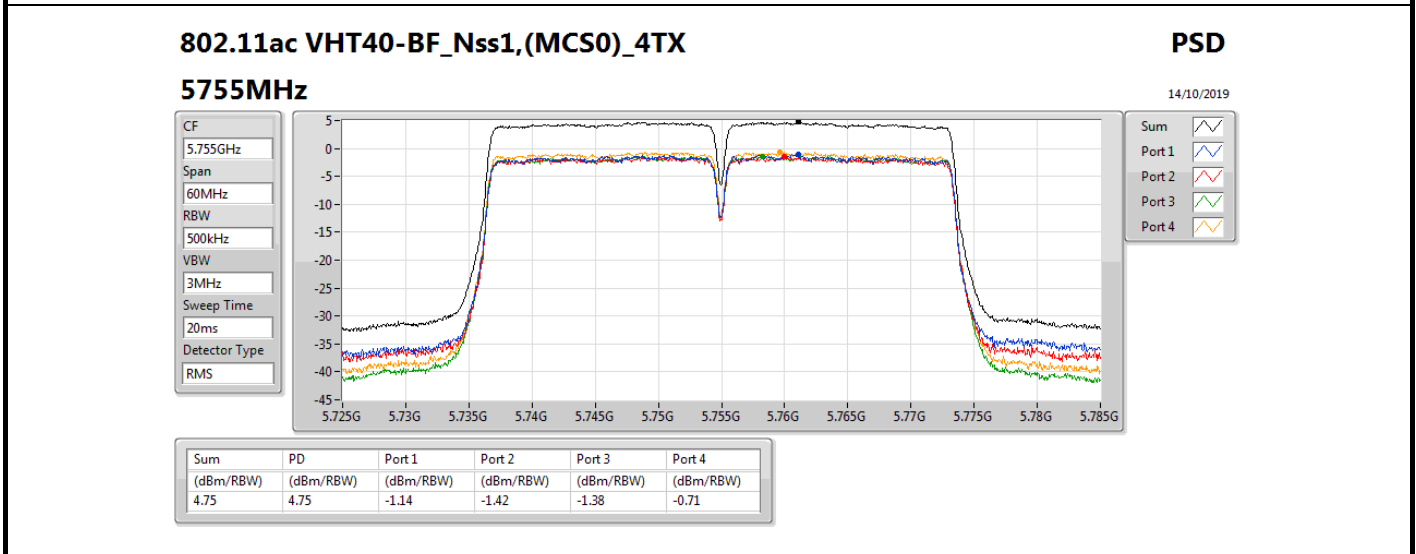
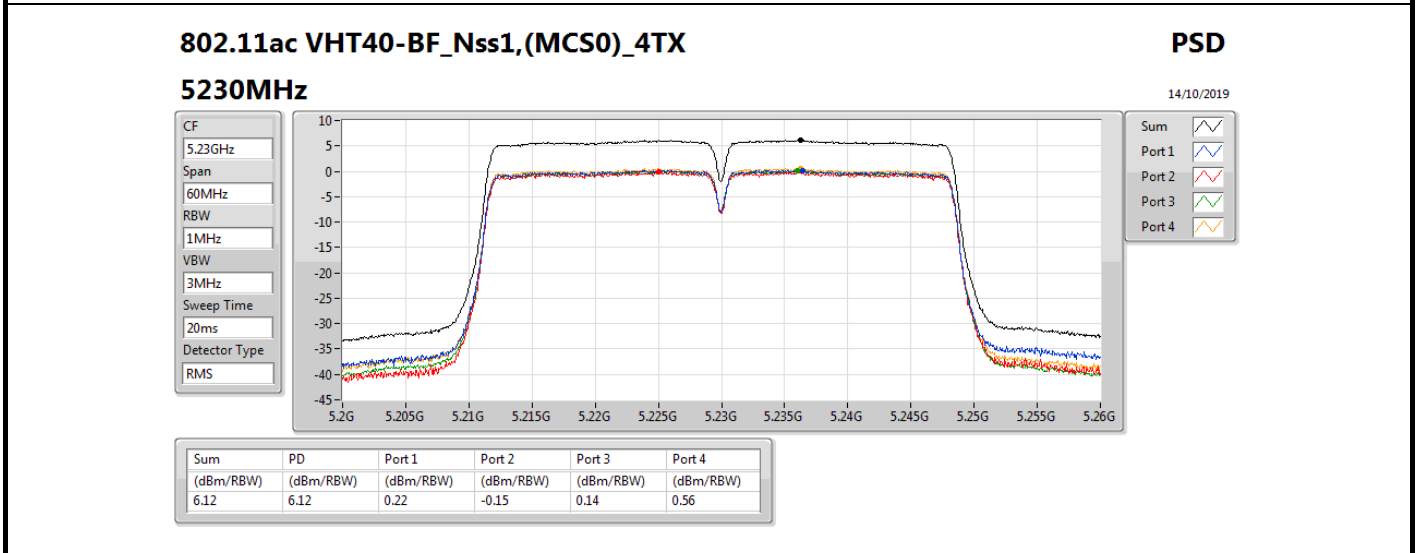
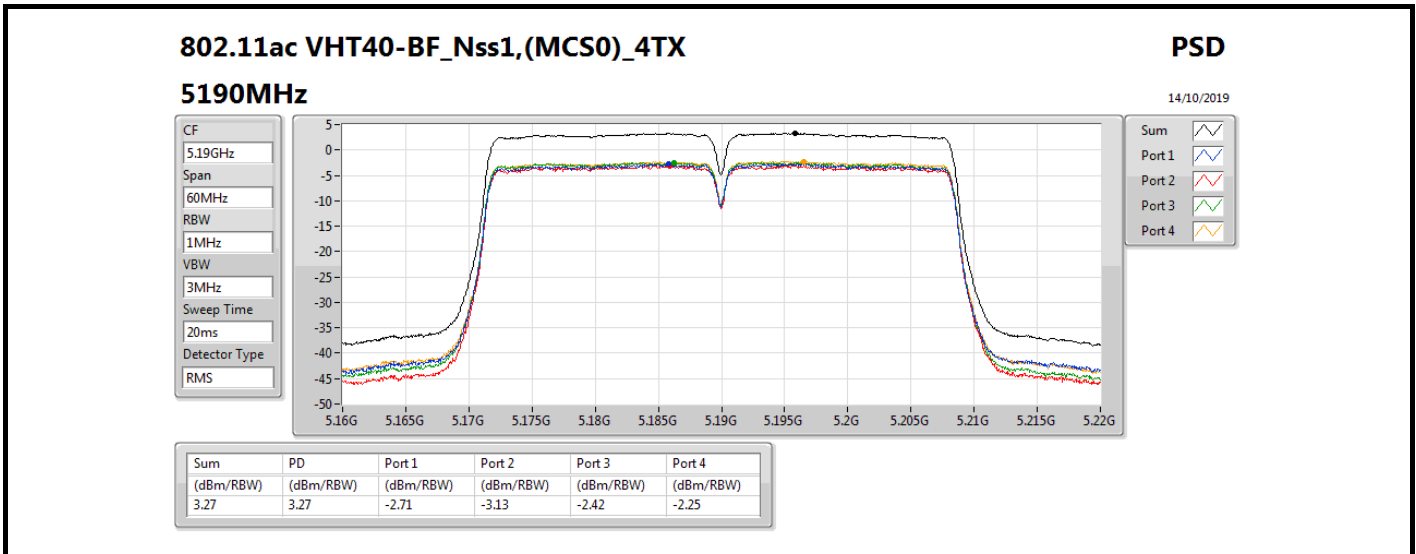
14/10/2019

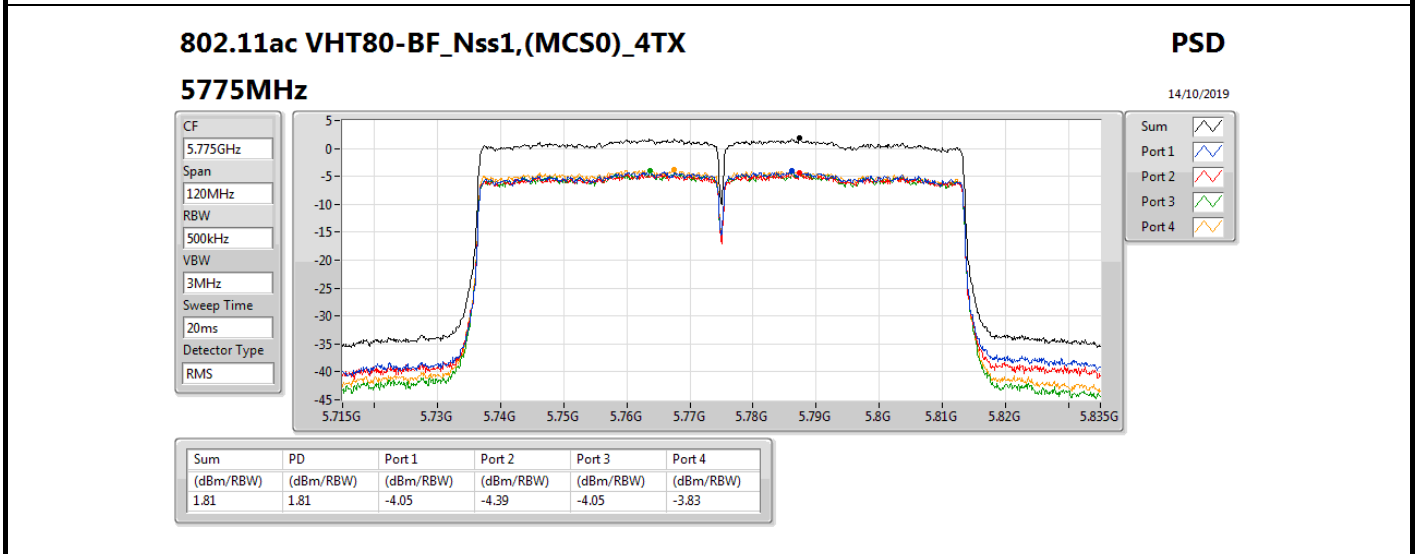
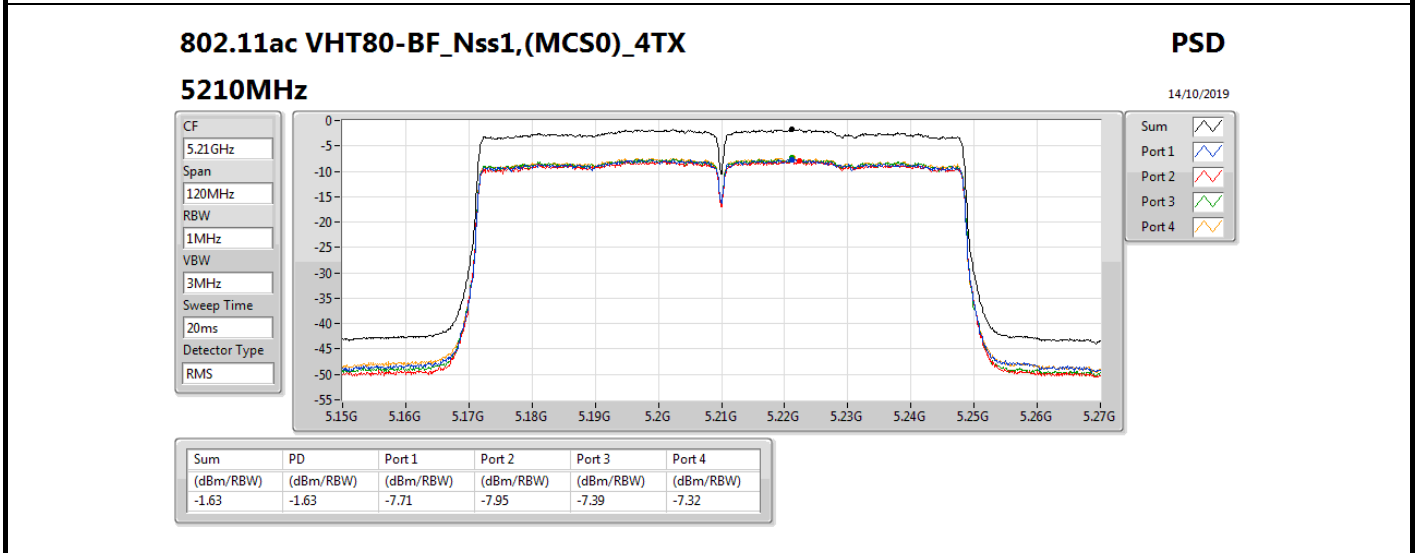
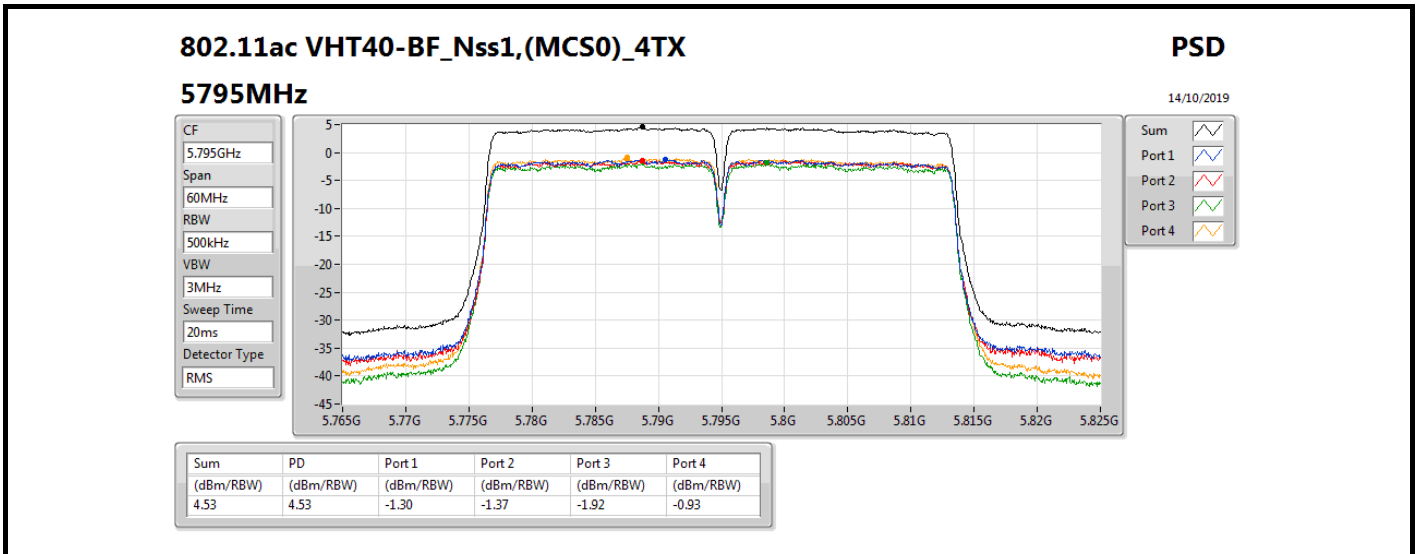
CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

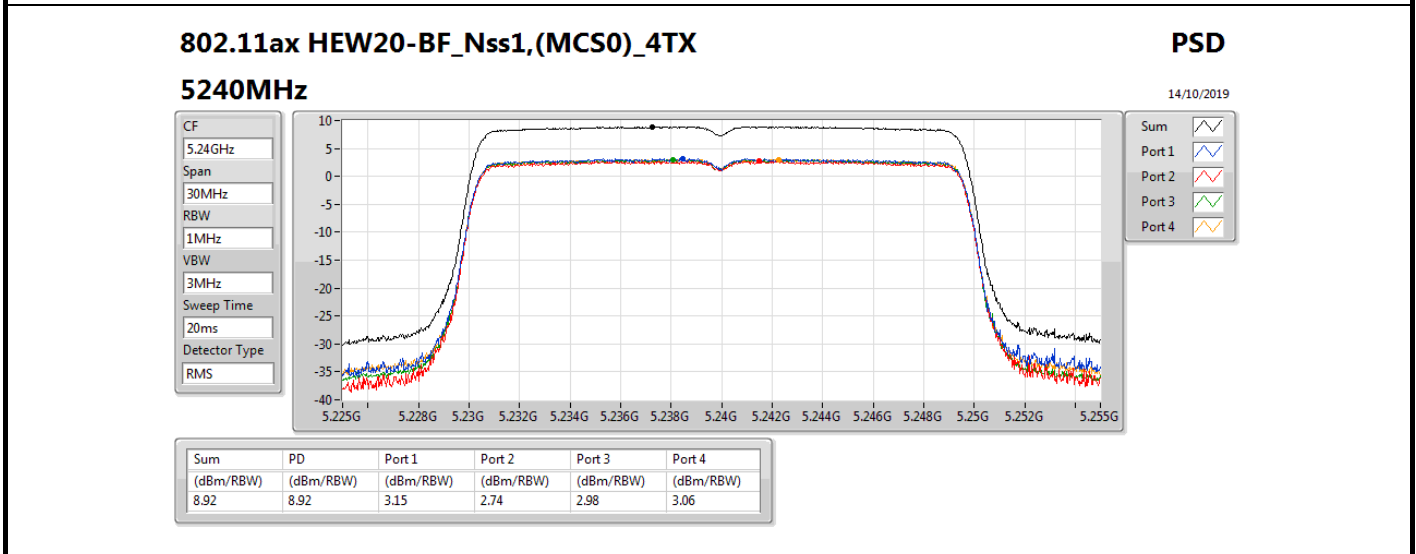
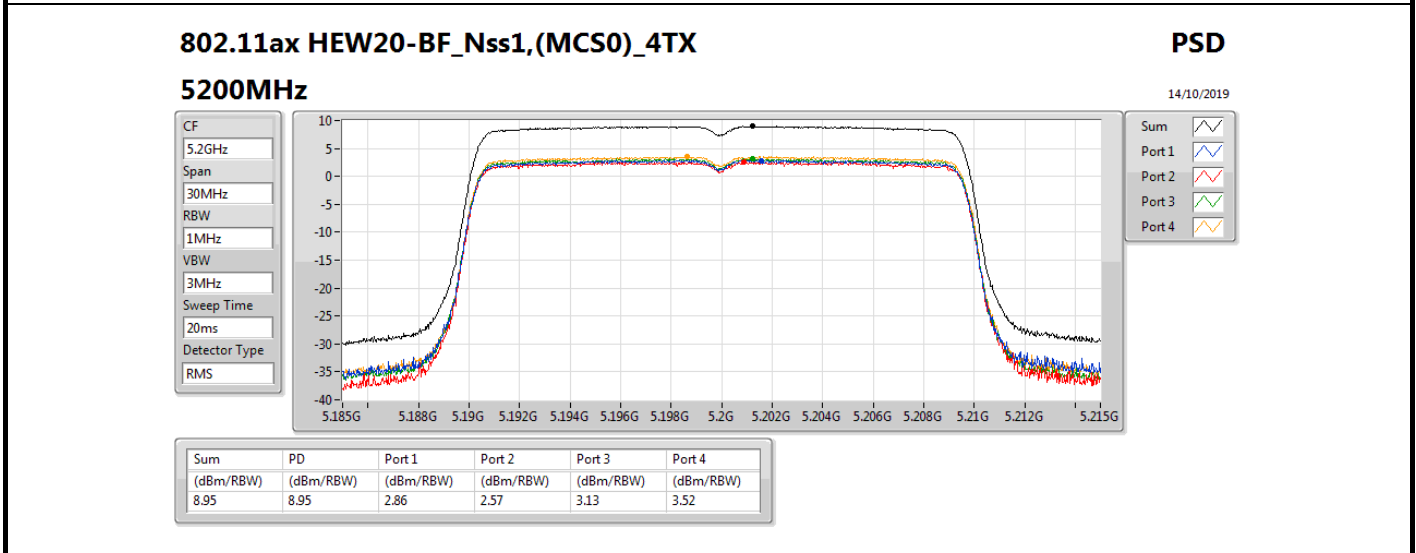
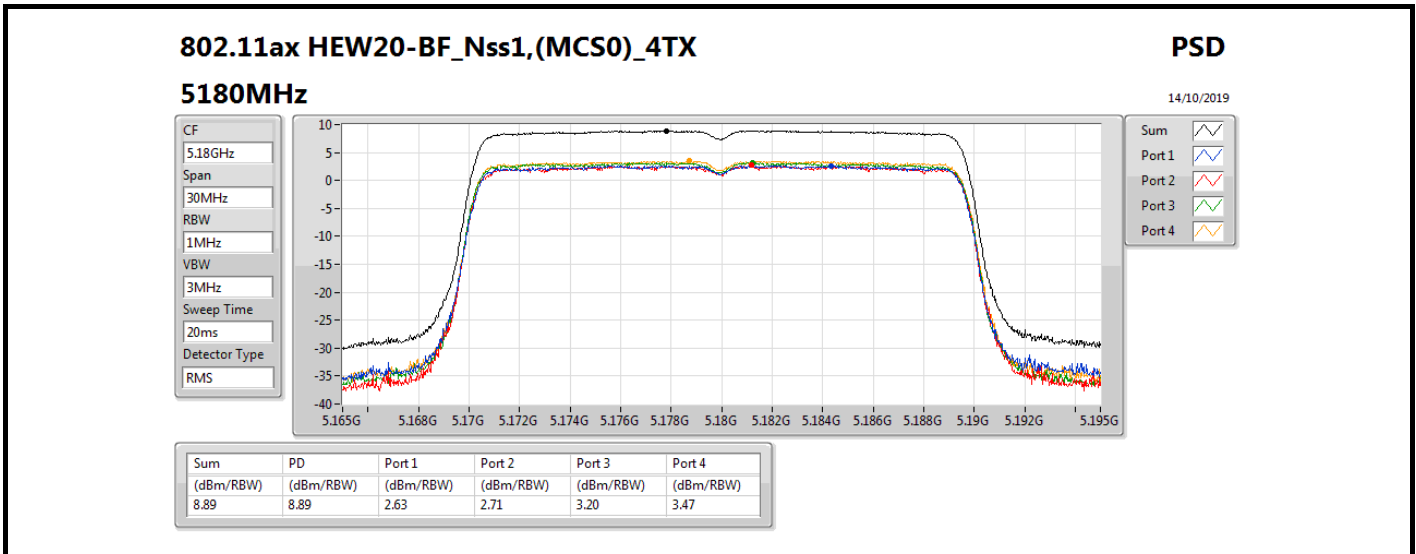


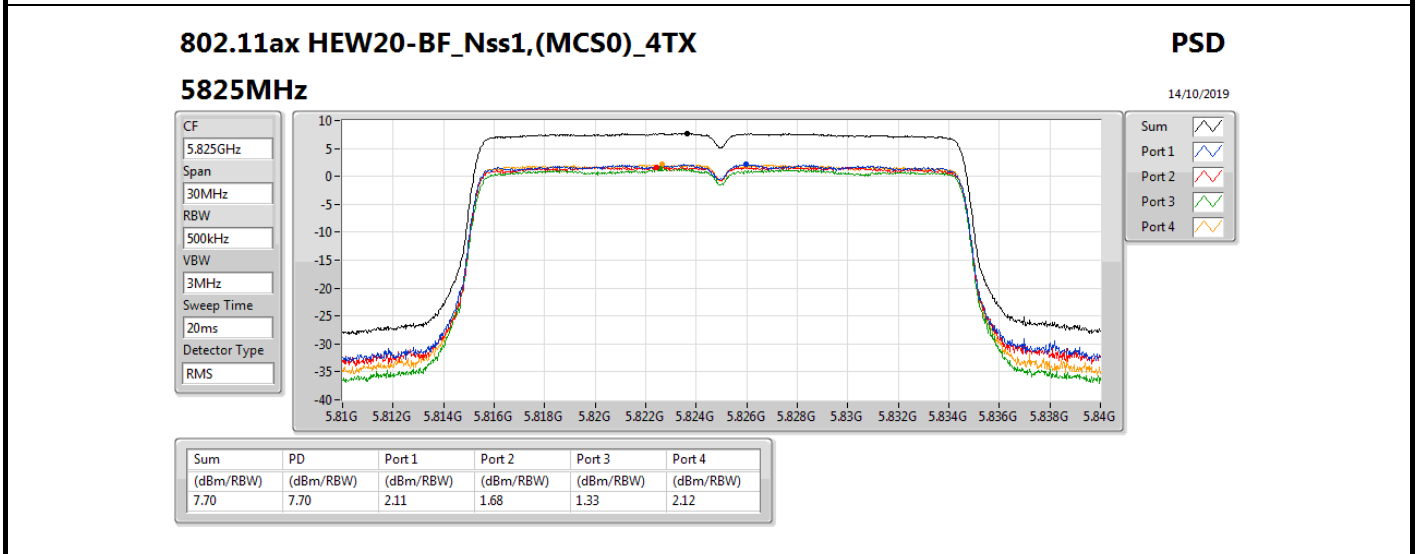
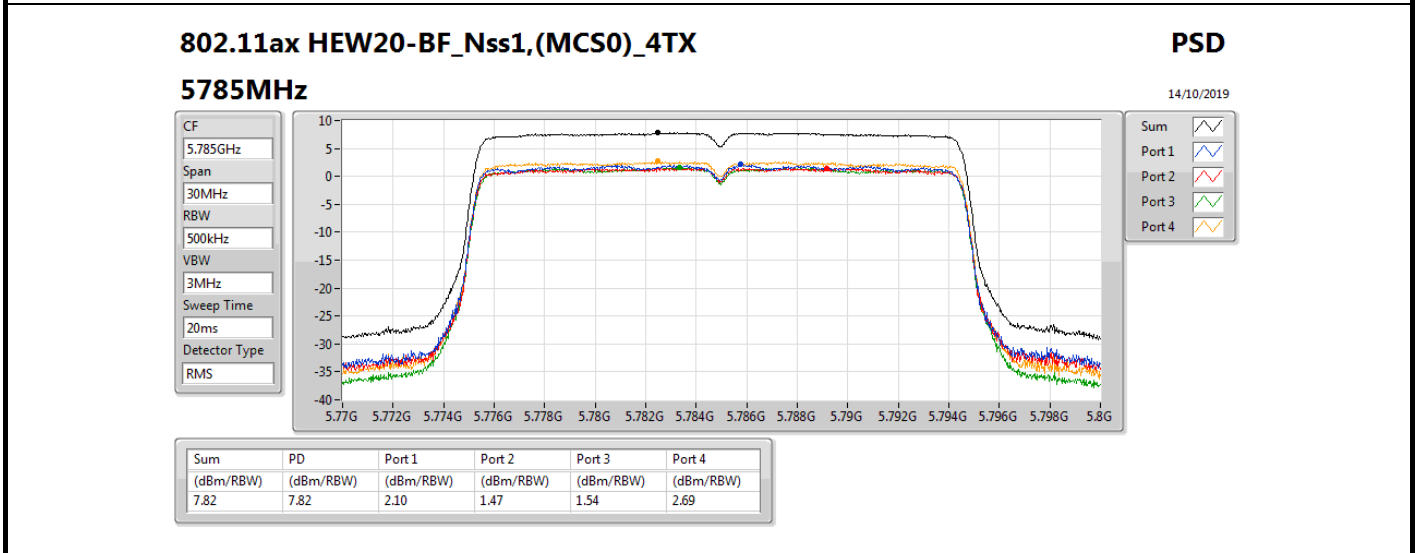
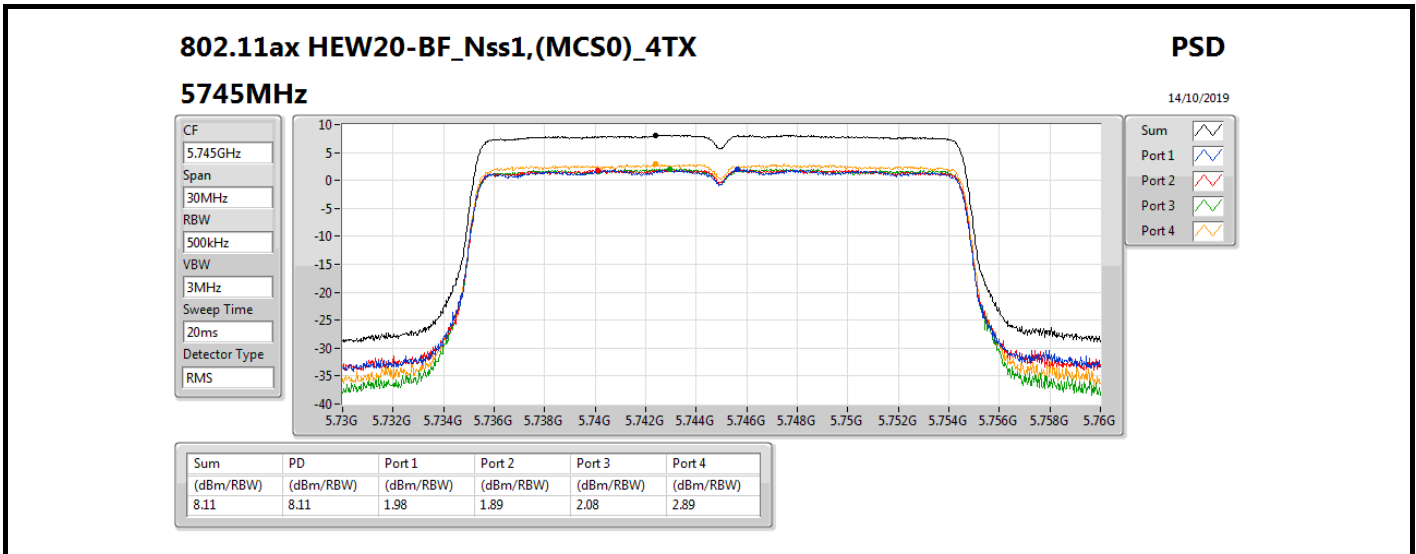
Sum  
Port 1  
Port 2  
Port 3  
Port 4

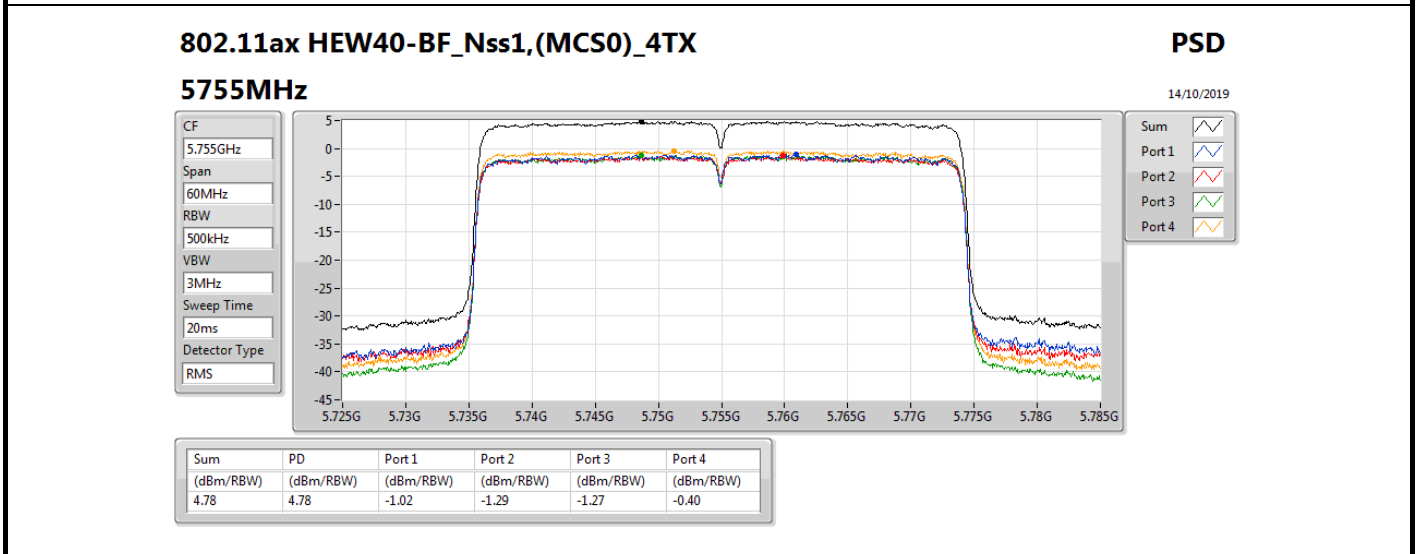
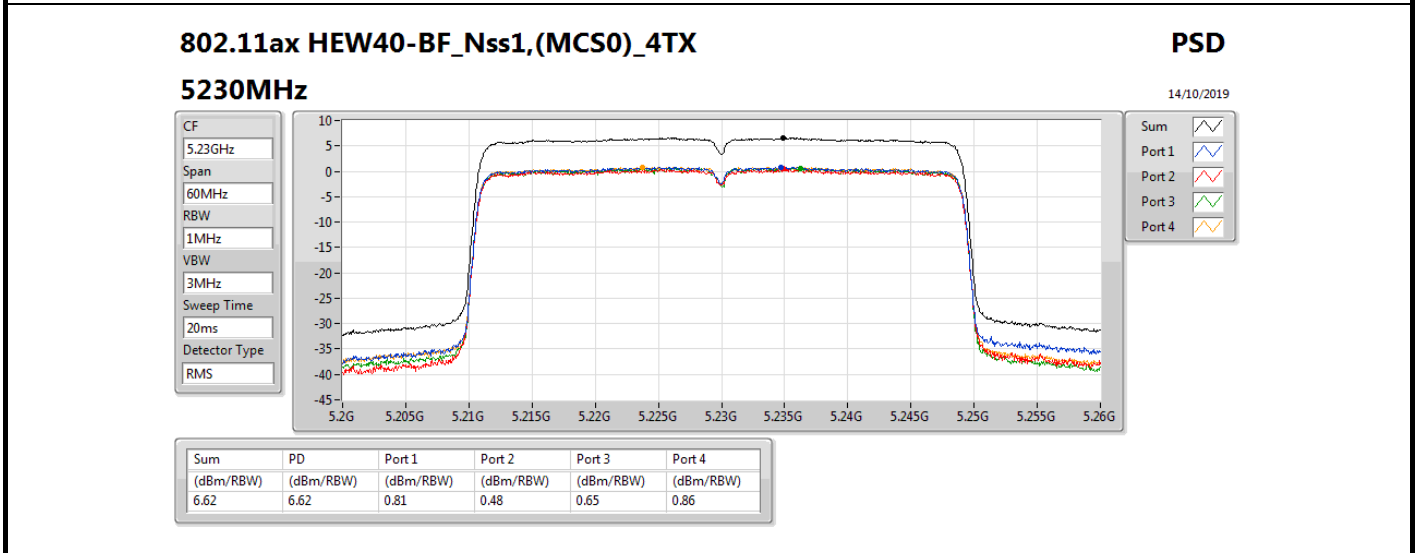
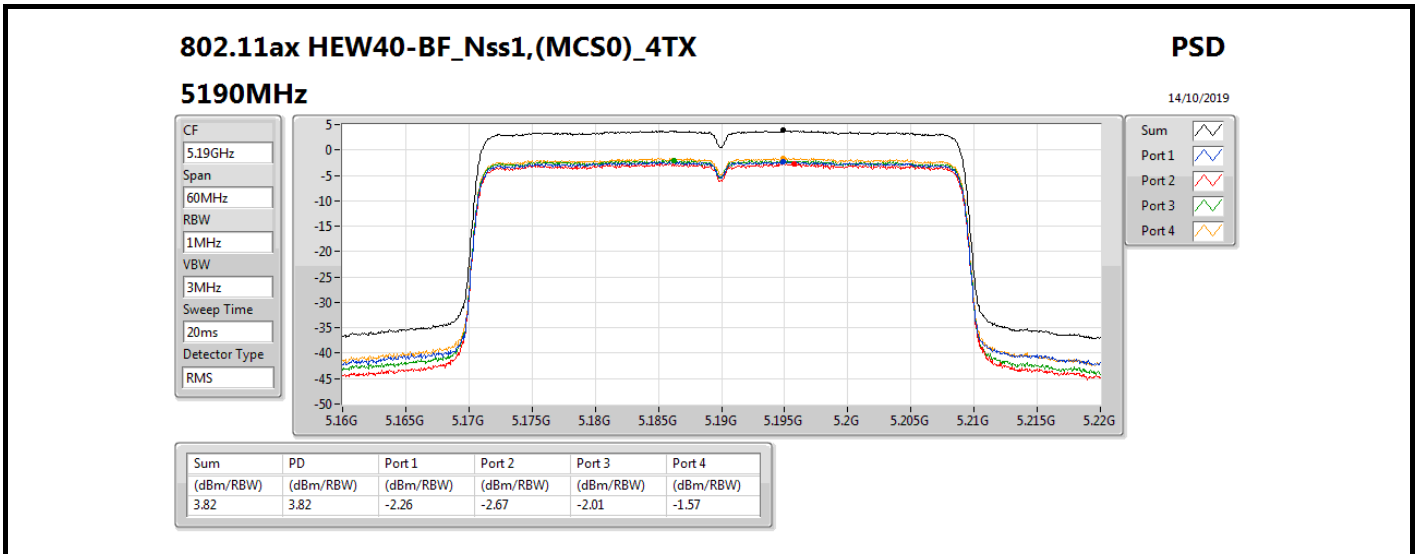
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.41	7.41	1.90	1.61	1.12	1.70











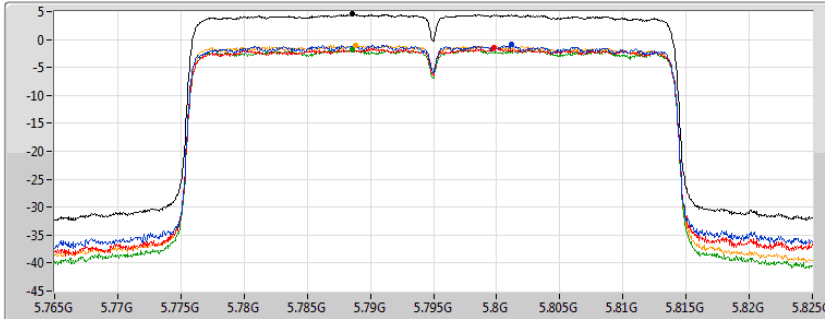
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

PSD

5795MHz

14/10/2019

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.53	4.53	-0.86	-1.54	-1.81	-0.98

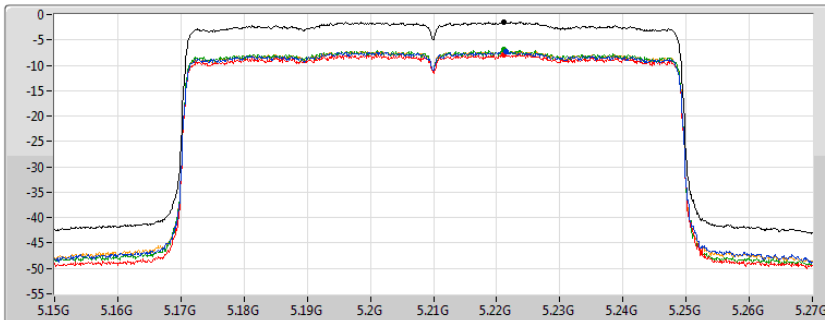
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

PSD

5210MHz

14/10/2019

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.41	-1.41	-7.32	-7.91	-6.85	-7.20

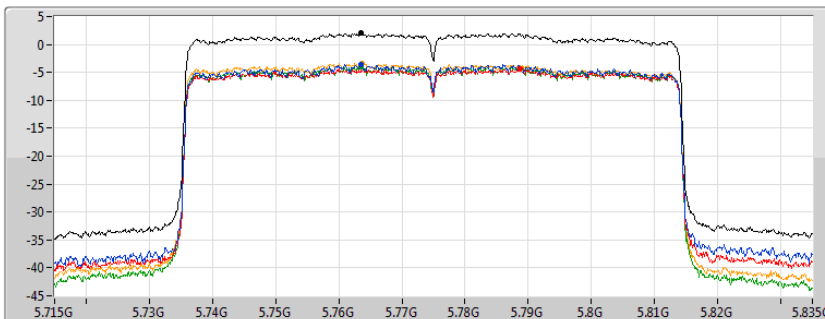
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

PSD

5775MHz

14/10/2019

CF  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.02	2.02	-3.63	-4.29	-4.00	-3.35



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	13.69
802.11ac VHT40_Nss4,(MCS0)_4TX	7.53
802.11ac VHT80_Nss4,(MCS0)_4TX	-1.92
802.11ax HEW20_Nss4,(MCS0)_4TX	13.81
802.11ax HEW40_Nss4,(MCS0)_4TX	7.76
802.11ax HEW80_Nss4,(MCS0)_4TX	-1.26
5.725-5.85GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	13.37
802.11ac VHT40_Nss4,(MCS0)_4TX	8.89
802.11ac VHT80_Nss4,(MCS0)_4TX	2.23
802.11ax HEW20_Nss4,(MCS0)_4TX	13.50
802.11ax HEW40_Nss4,(MCS0)_4TX	9.28
802.11ax HEW80_Nss4,(MCS0)_4TX	3.34

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)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	1.76	2.02	2.40	1.80	7.87	15.00
5200MHz	Pass	8.00	6.72	6.97	6.64	6.43	12.55	15.00
5240MHz	Pass	8.00	8.07	7.76	8.19	7.14	13.69	15.00
5745MHz	Pass	8.00	7.23	7.65	7.91	7.01	13.37	28.00
5785MHz	Pass	8.00	6.86	7.55	7.51	7.09	13.14	28.00
5825MHz	Pass	8.00	7.35	7.74	7.70	6.72	13.24	28.00
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	-4.83	-4.61	-5.41	-4.24	1.14	15.00
5230MHz	Pass	8.00	1.81	2.06	1.20	1.51	7.53	15.00
5755MHz	Pass	8.00	2.13	2.54	2.09	2.12	8.04	28.00
5795MHz	Pass	8.00	2.75	3.48	2.88	3.22	8.89	28.00
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-7.66	-7.48	-8.11	-7.59	-1.92	15.00
5775MHz	Pass	8.00	-3.56	-2.80	-3.80	-3.88	2.23	28.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.00	1.73	1.96	2.89	2.50	8.20	15.00
5200MHz	Pass	8.00	6.84	7.00	7.36	7.03	12.99	15.00
5240MHz	Pass	8.00	7.93	7.58	8.49	7.59	13.81	15.00
5745MHz	Pass	8.00	7.40	7.84	8.09	7.38	13.50	28.00
5785MHz	Pass	8.00	7.12	7.84	7.96	7.38	13.44	28.00
5825MHz	Pass	8.00	7.41	7.46	7.95	7.13	13.29	28.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.00	-4.06	-3.95	-4.83	-3.84	1.66	15.00
5230MHz	Pass	8.00	2.20	2.37	1.18	1.60	7.76	15.00
5755MHz	Pass	8.00	2.47	1.33	2.41	2.66	8.05	28.00
5795MHz	Pass	8.00	3.28	3.82	3.48	3.48	9.28	28.00
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-7.01	-6.62	-7.65	-6.94	-1.26	15.00
5775MHz	Pass	8.00	-2.69	-1.69	-2.97	-2.91	3.34	28.00

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;

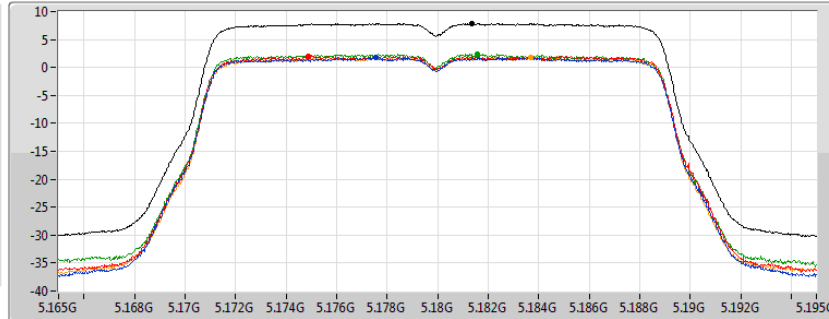
802.11ac VHT20\_Nss4,(MCS0)\_4TX

PSD

5180MHz

09/10/2019

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
7.87	7.87	1.76	2.02	2.40	1.80

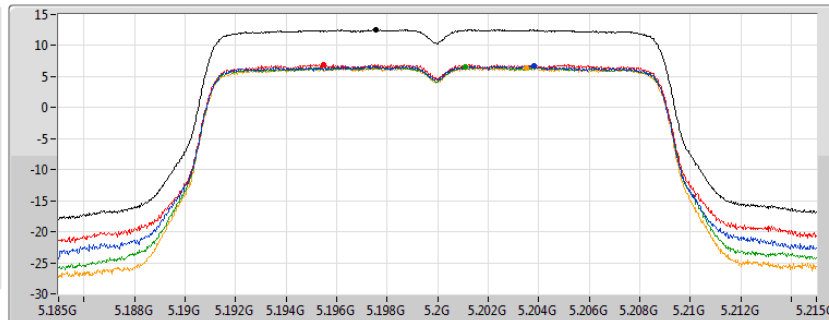
802.11ac VHT20\_Nss4,(MCS0)\_4TX

PSD

5200MHz

09/10/2019

CF  
5.2GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.55	12.55	6.72	6.97	6.64	6.43

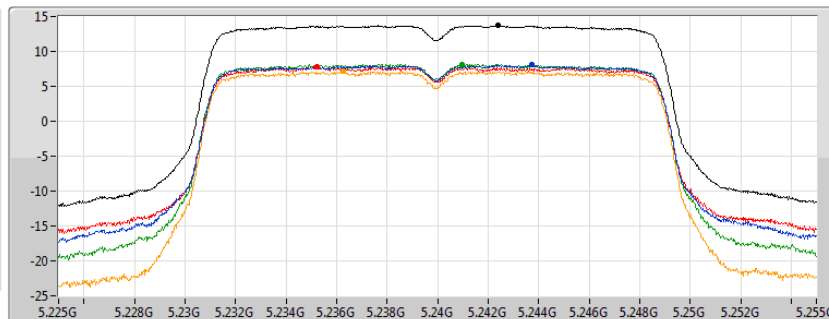
802.11ac VHT20\_Nss4,(MCS0)\_4TX

PSD

5240MHz

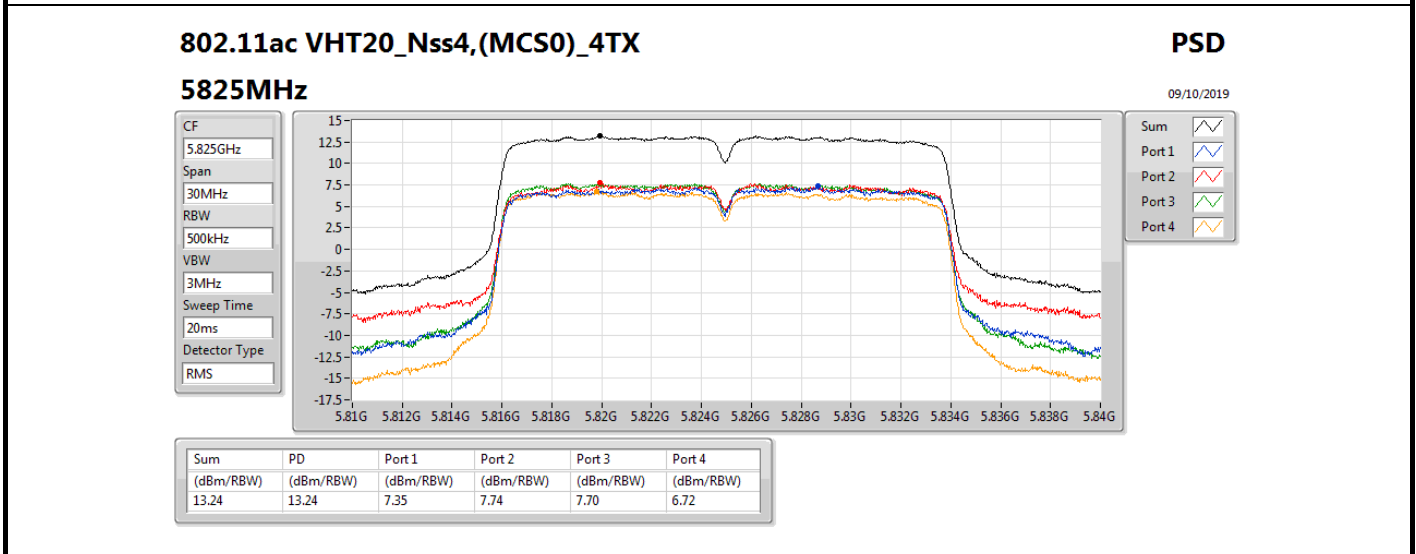
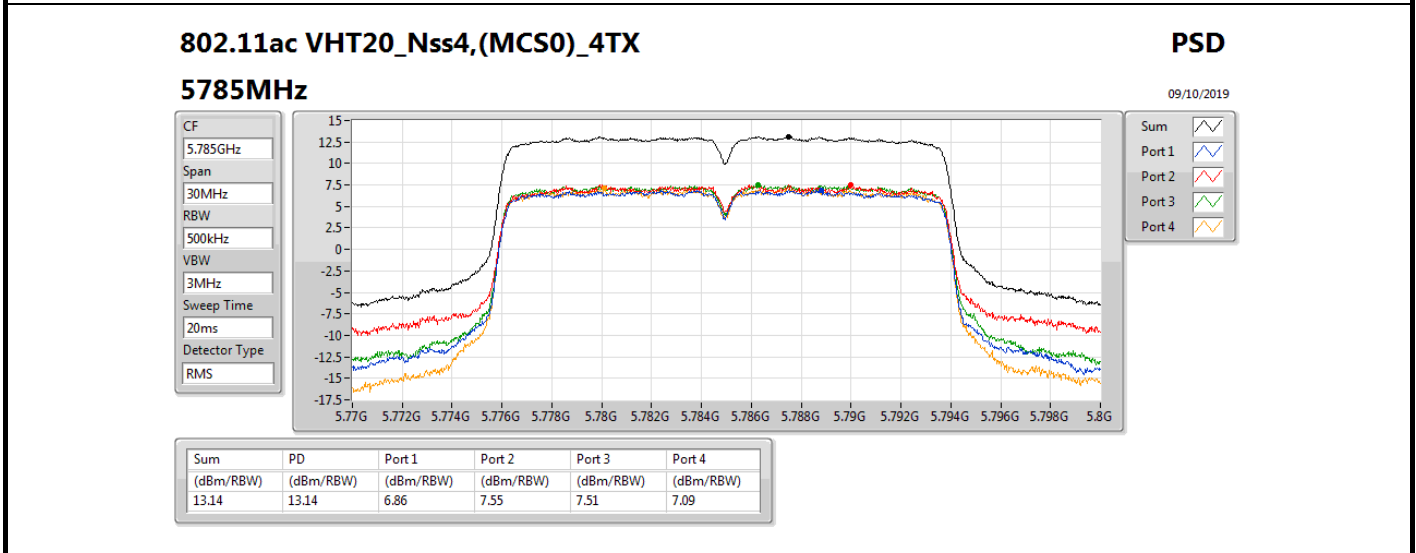
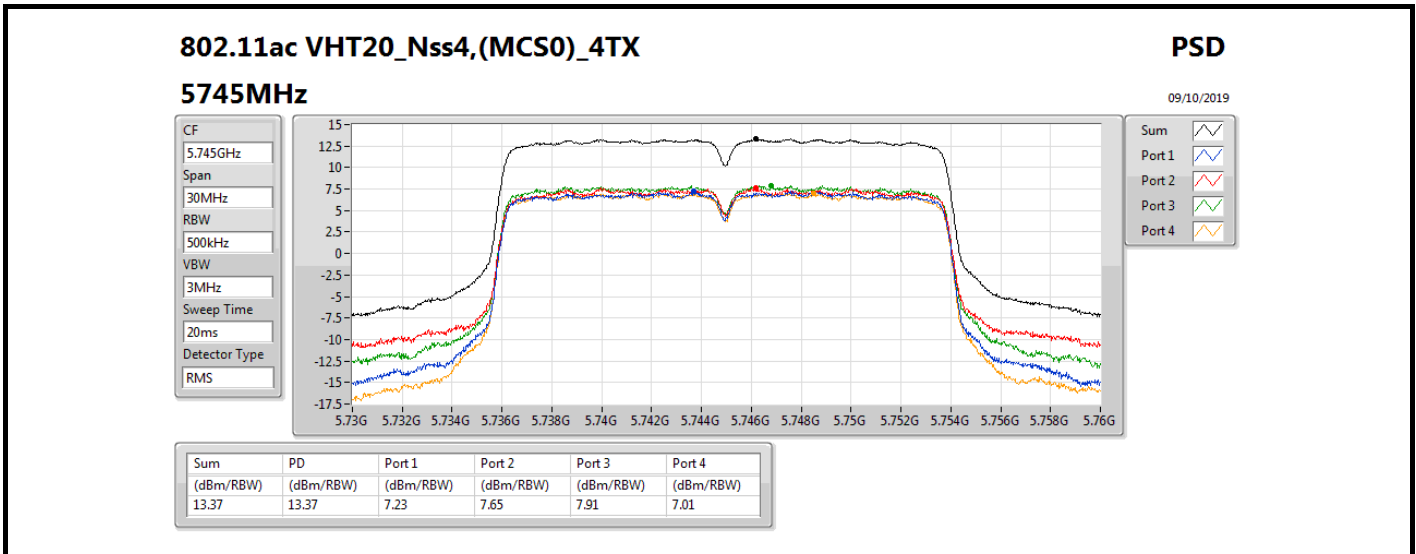
09/10/2019

CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
13.69	13.69	8.07	7.76	8.19	7.14



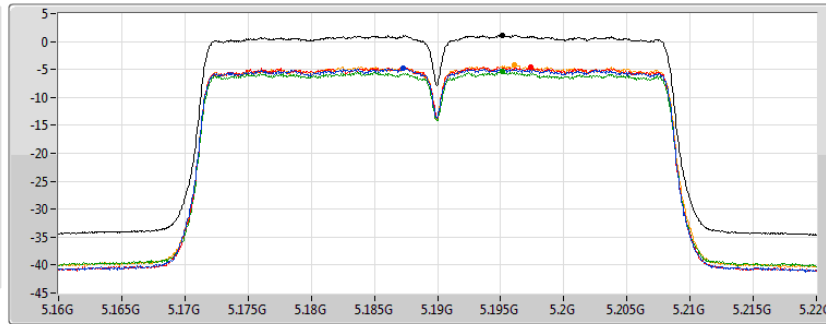
802.11ac VHT40\_Nss4,(MCS0)\_4TX

PSD

5190MHz

09/10/2019

CF  
5.19GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
1.14	1.14	-4.83	-4.61	-5.41	-4.24

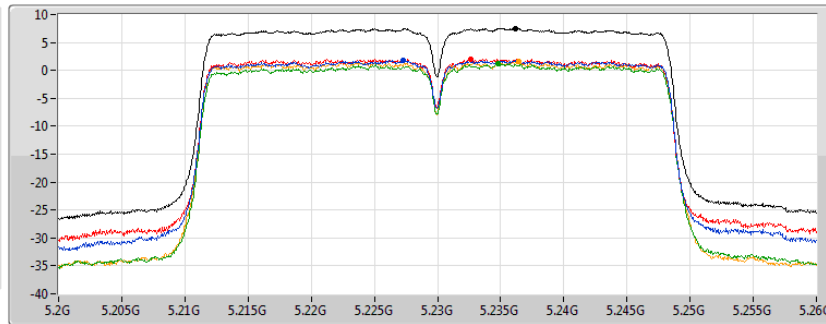
802.11ac VHT40\_Nss4,(MCS0)\_4TX

PSD

5230MHz

09/10/2019

CF  
5.23GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
7.53	7.53	1.81	2.06	1.20	1.51

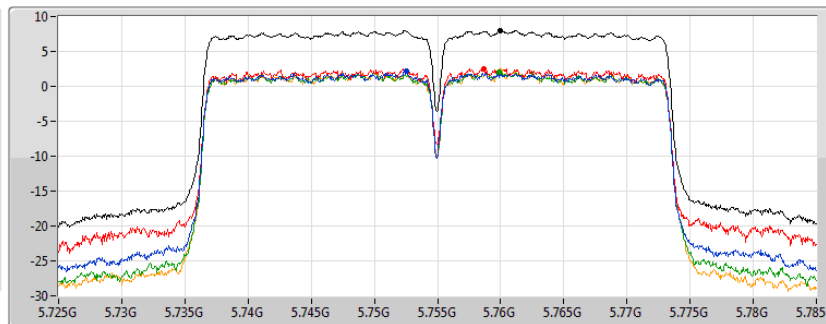
802.11ac VHT40\_Nss4,(MCS0)\_4TX

PSD

5755MHz

09/10/2019

CF  
5.755GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
8.04	8.04	2.13	2.54	2.09	2.12

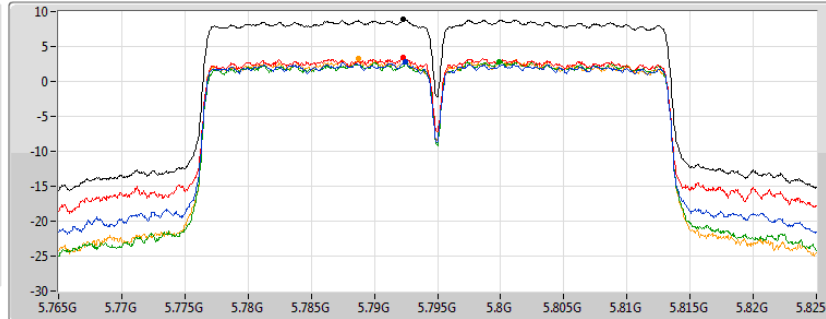
802.11ac VHT40\_Nss4,(MCS0)\_4TX

PSD

5795MHz

09/10/2019

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
8.89	8.89	2.75	3.48	2.88	3.22

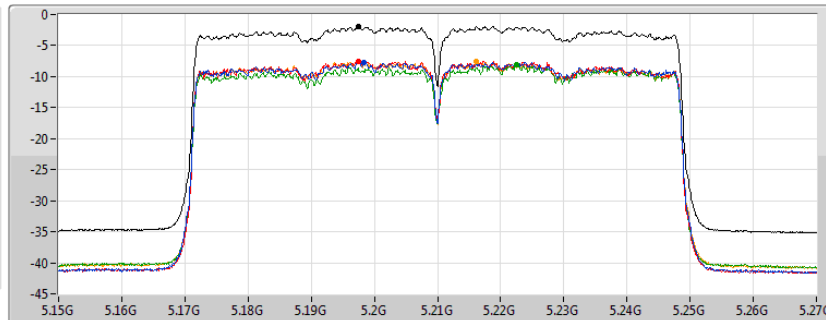
802.11ac VHT80\_Nss4,(MCS0)\_4TX

PSD

5210MHz

09/10/2019

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
-1.92	-1.92	-7.66	-7.48	-8.11	-7.59

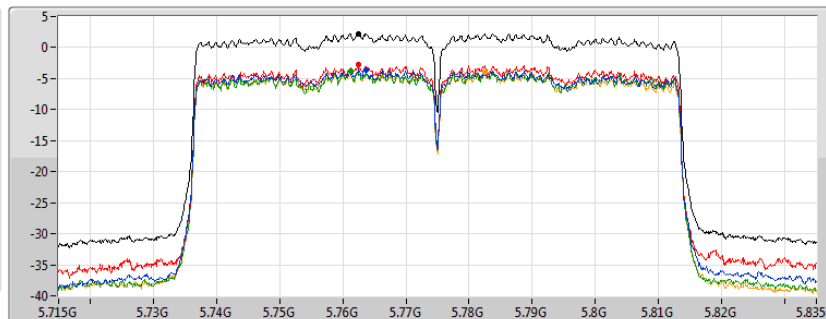
802.11ac VHT80\_Nss4,(MCS0)\_4TX

PSD

5775MHz

09/10/2019

CF  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
2.23	2.23	-3.56	-2.80	-3.80	-3.88

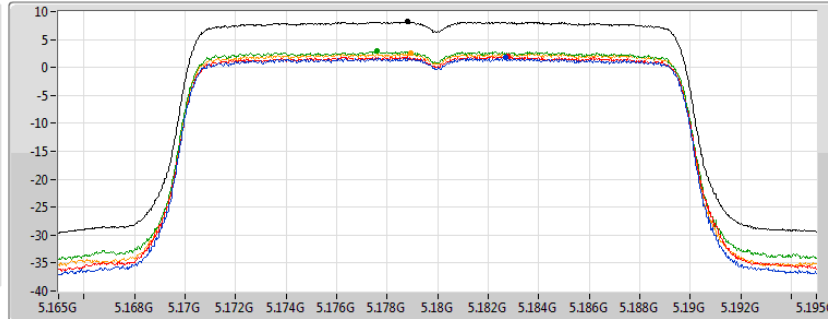
802.11ax HEW20\_Nss4,(MCS0)\_4TX

PSD

5180MHz

09/10/2019

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
8.20	8.20	1.73	1.96	2.89	2.50

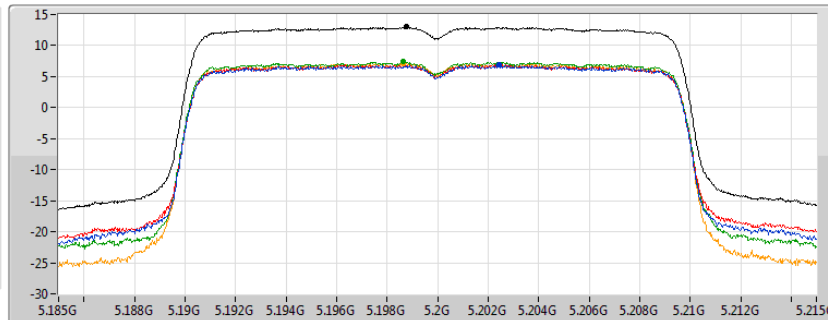
802.11ax HEW20\_Nss4,(MCS0)\_4TX

PSD

5200MHz

09/10/2019

CF  
5.2GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2  
Port 3  
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.99	12.99	6.84	7.00	7.36	7.03

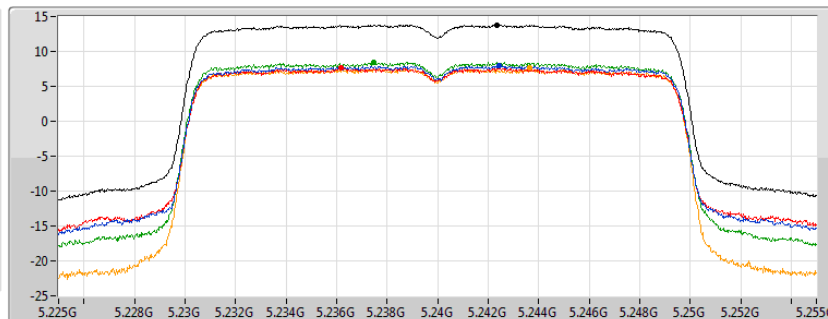
802.11ax HEW20\_Nss4,(MCS0)\_4TX

PSD

5240MHz

09/10/2019

CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
13.81	13.81	7.93	7.58	8.49	7.59

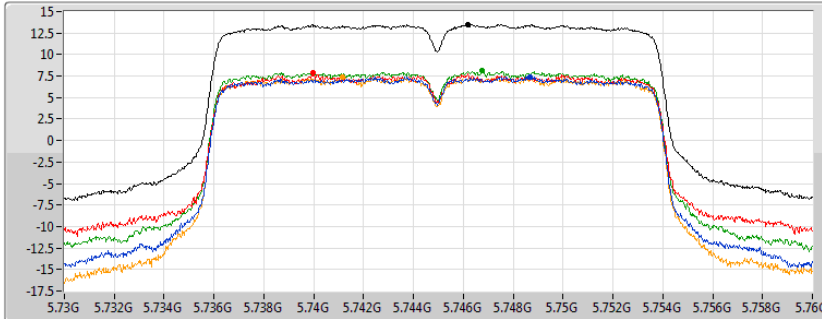
802.11ax HEW20\_Nss4,(MCS0)\_4TX

PSD

5745MHz

09/10/2019

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
13.50	13.50	7.40	7.84	8.09	7.38

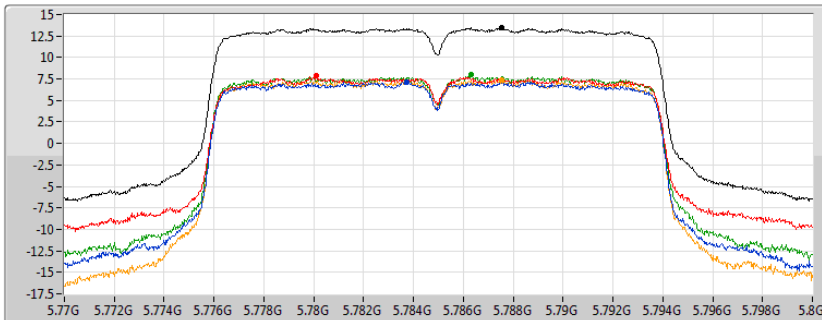
802.11ax HEW20\_Nss4,(MCS0)\_4TX

PSD

5785MHz

09/10/2019

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
13.44	13.44	7.12	7.84	7.96	7.38

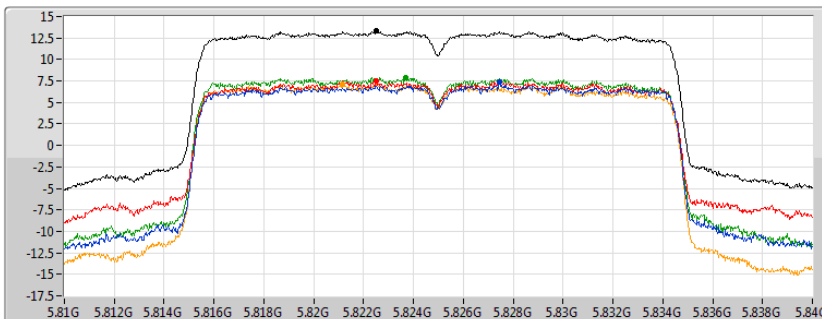
802.11ax HEW20\_Nss4,(MCS0)\_4TX

PSD

5825MHz

09/10/2019

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
13.29	13.29	7.41	7.46	7.95	7.13

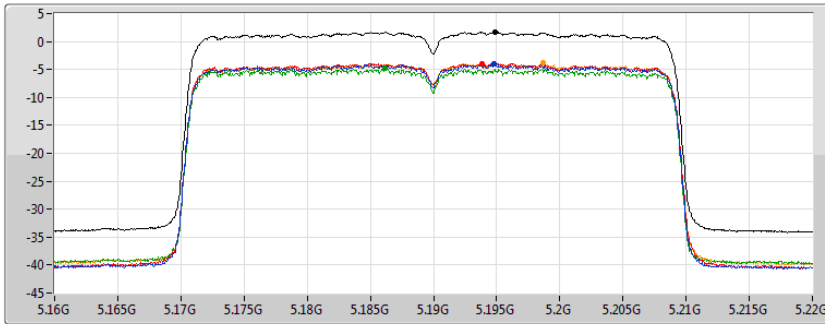
802.11ax HEW40\_Nss4,(MCS0)\_4TX

PSD

5190MHz

09/10/2019

CF  
5.19GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
1.66	1.66	-4.06	-3.95	-4.83	-3.84

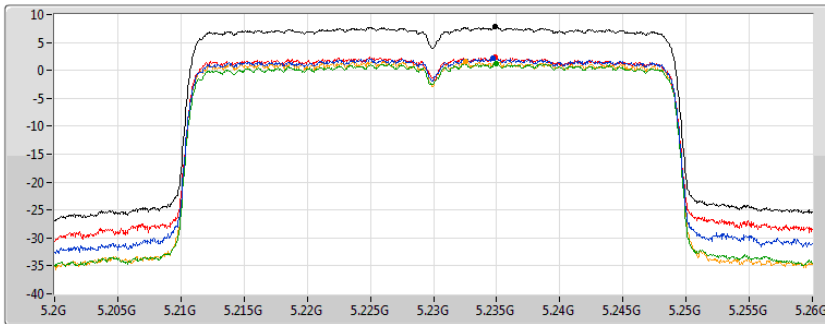
802.11ax HEW40\_Nss4,(MCS0)\_4TX

PSD

5230MHz

09/10/2019

CF  
5.23GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
7.76	7.76	2.20	2.37	1.18	1.60

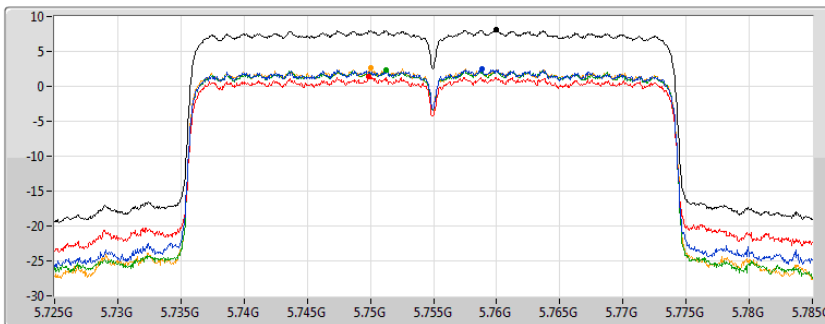
802.11ax HEW40\_Nss4,(MCS0)\_4TX

PSD

5755MHz

09/10/2019

CF  
5.755GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
8.05	8.05	2.47	1.33	2.41	2.66



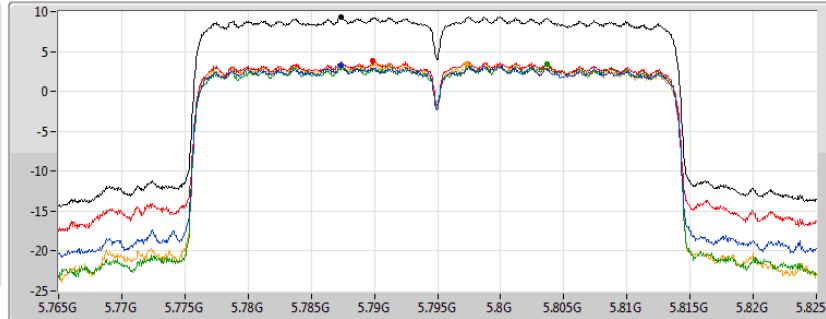
802.11ax HEW40\_Nss4,(MCS0)\_4TX

PSD

5795MHz

09/10/2019

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
9.28	9.28	3.28	3.82	3.48	3.48

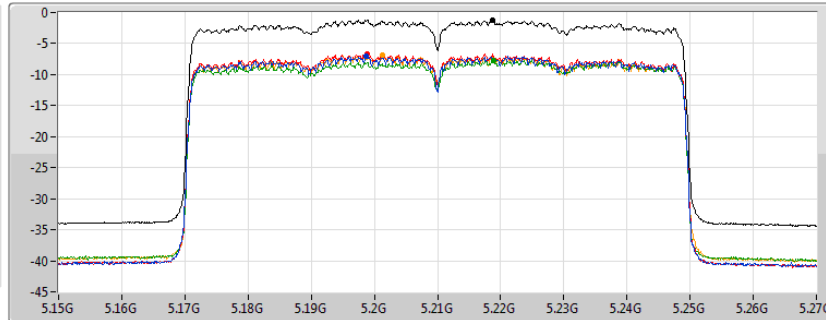
802.11ax HEW80\_Nss4,(MCS0)\_4TX

PSD

5210MHz

09/10/2019

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
-1.26	-1.26	-7.01	-6.62	-7.65	-6.94

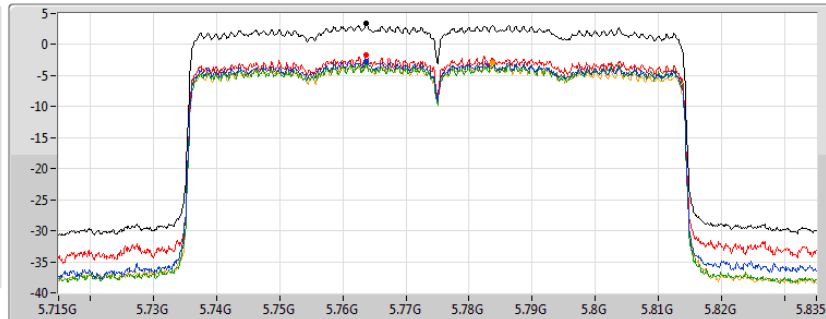
802.11ax HEW80\_Nss4,(MCS0)\_4TX

PSD

5775MHz

09/10/2019

CF  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
3.34	3.34	-2.69	-1.69	-2.97	-2.91



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.02
802.11ac VHT20_Nss1,(MCS0)_1TX	8.35
802.11ac VHT40_Nss1,(MCS0)_1TX	3.73
802.11ac VHT80_Nss1,(MCS0)_1TX	-4.32
802.11ax HEW20_Nss1,(MCS0)_1TX	8.17
802.11ax HEW40_Nss1,(MCS0)_1TX	3.80
802.11ax HEW80_Nss1,(MCS0)_1TX	-4.30
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.32
802.11ac VHT20_Nss1,(MCS0)_1TX	8.90
802.11ac VHT40_Nss1,(MCS0)_1TX	4.11
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.36
802.11ax HEW20_Nss1,(MCS0)_1TX	8.66
802.11ax HEW40_Nss1,(MCS0)_1TX	3.90
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.30

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

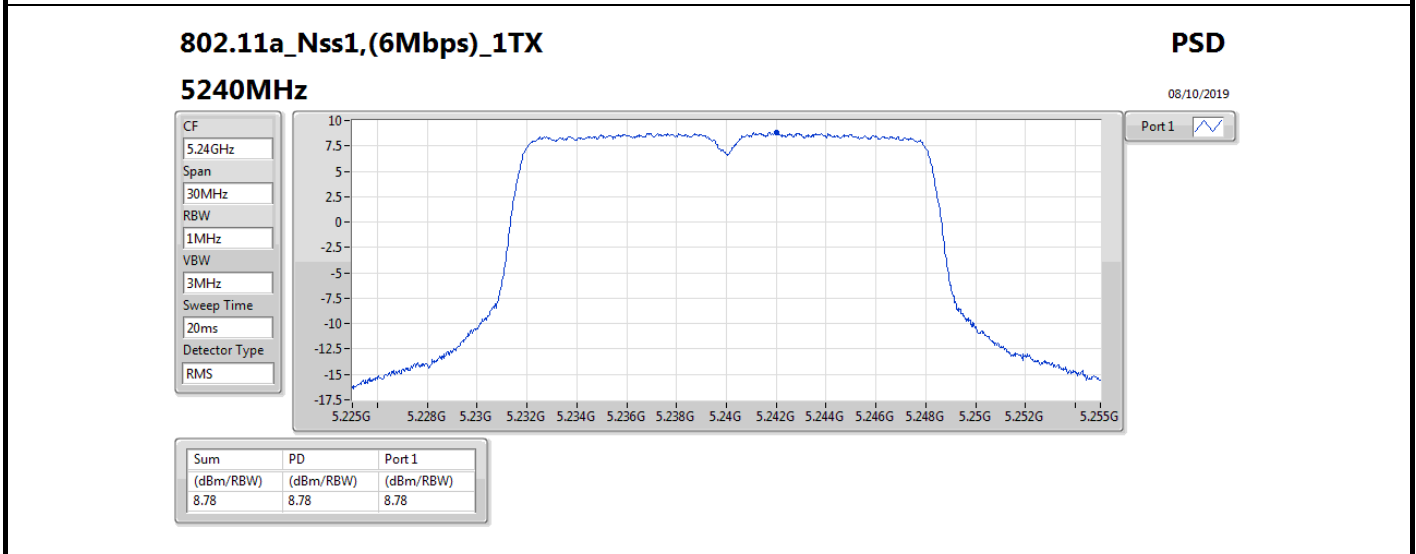
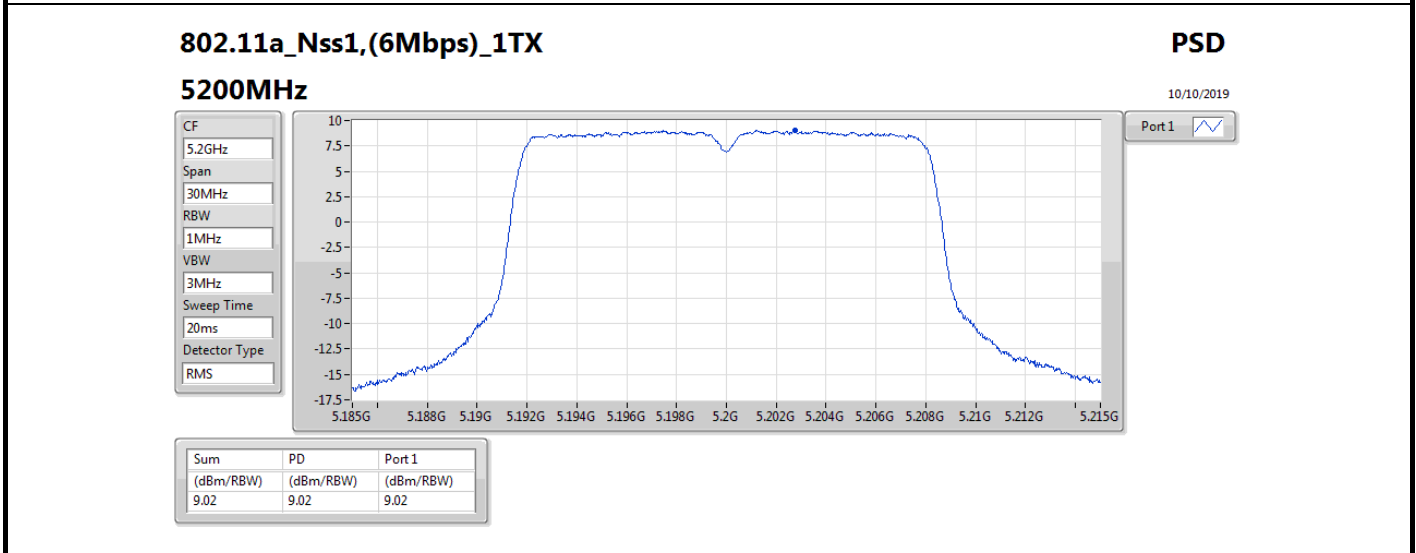
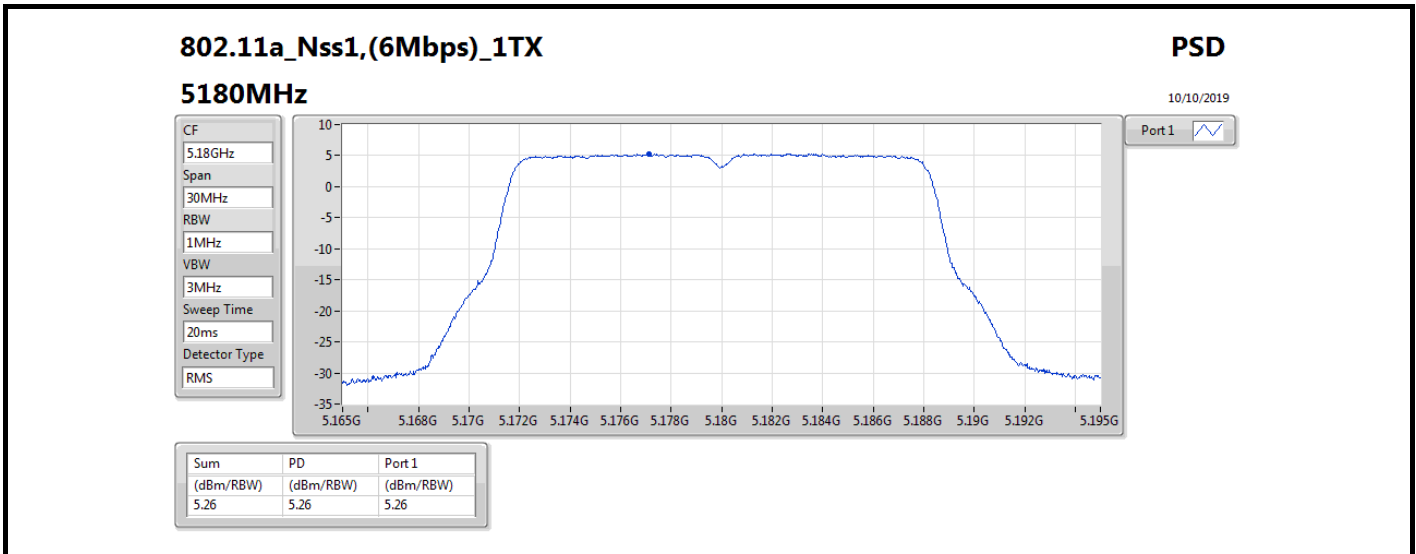


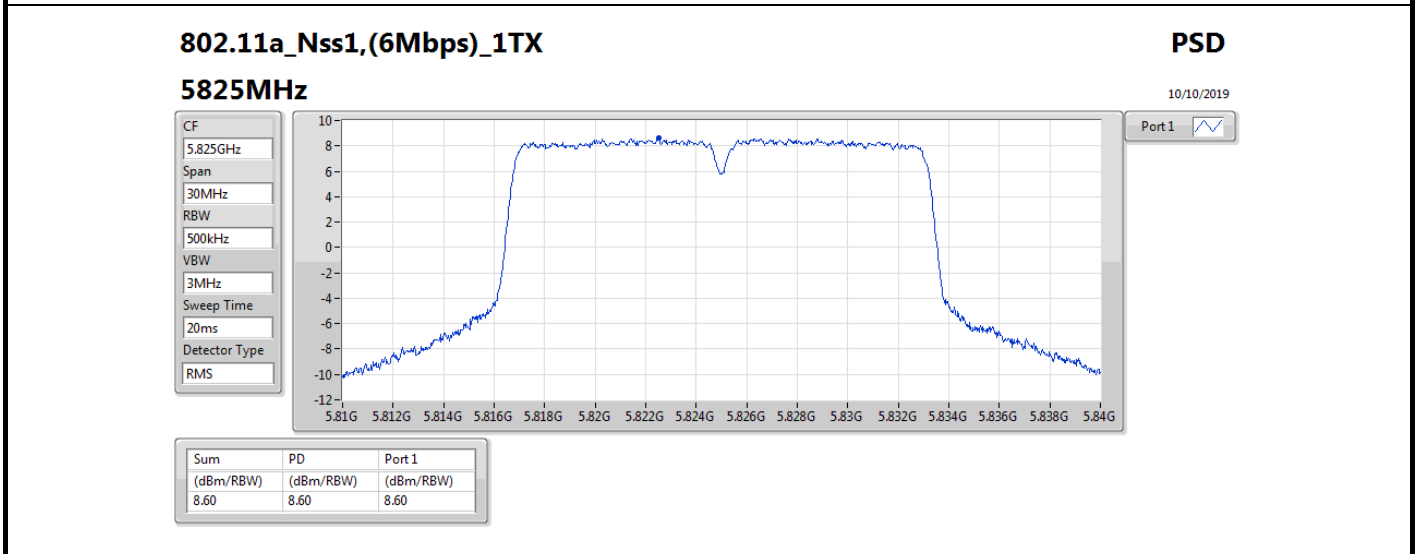
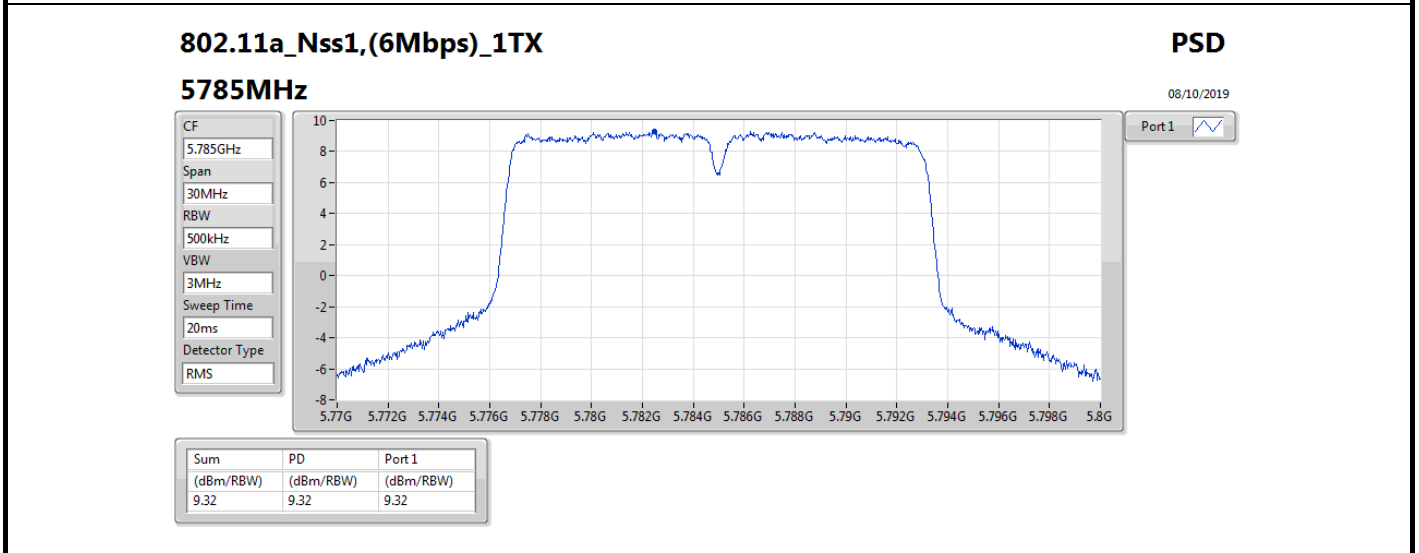
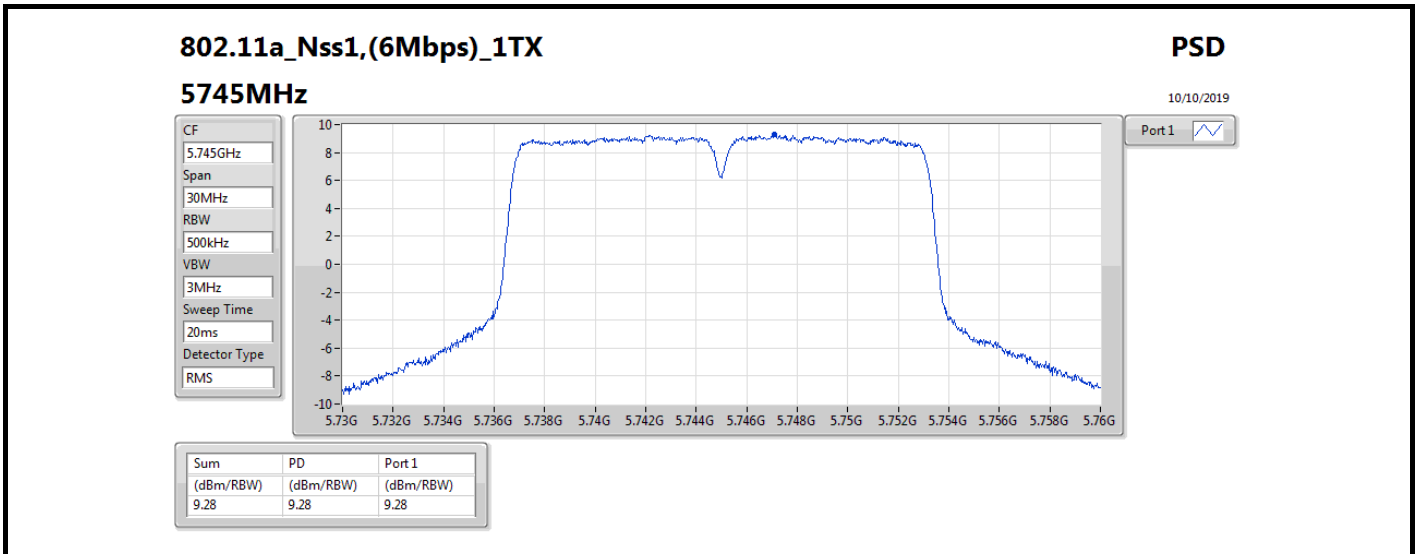
Result

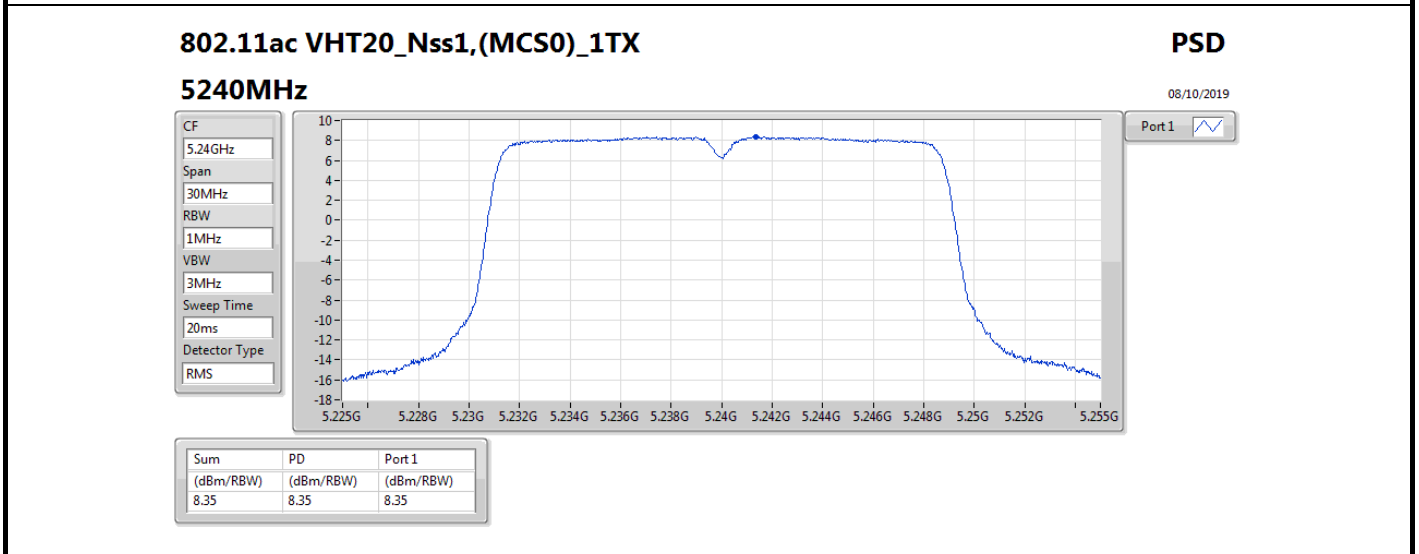
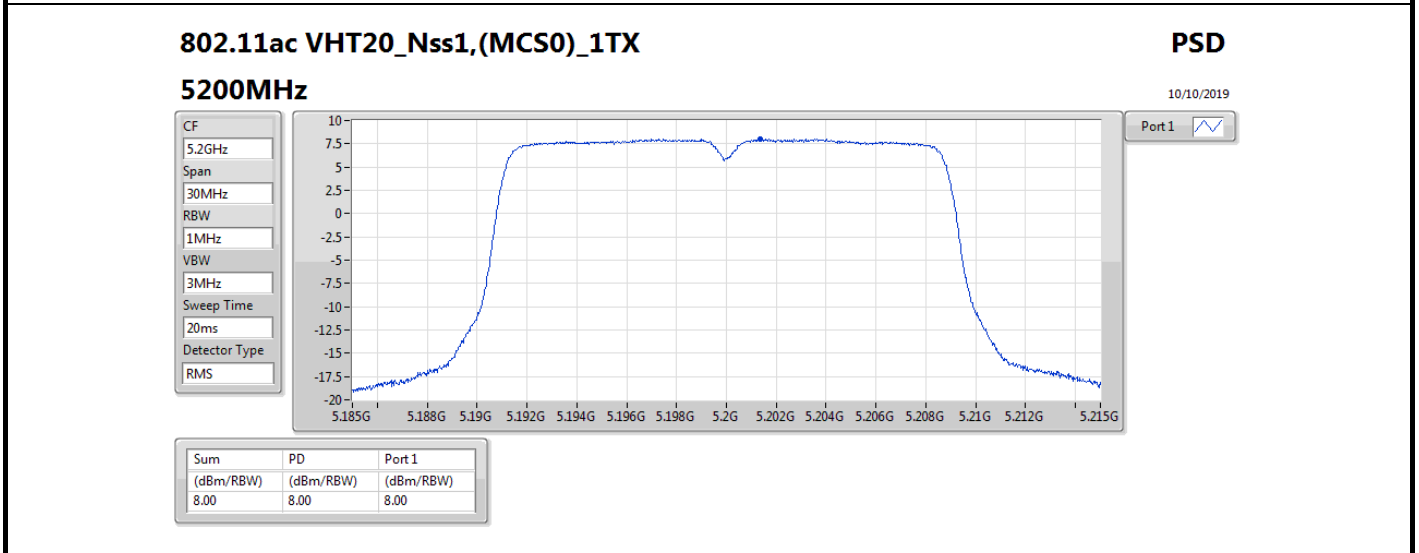
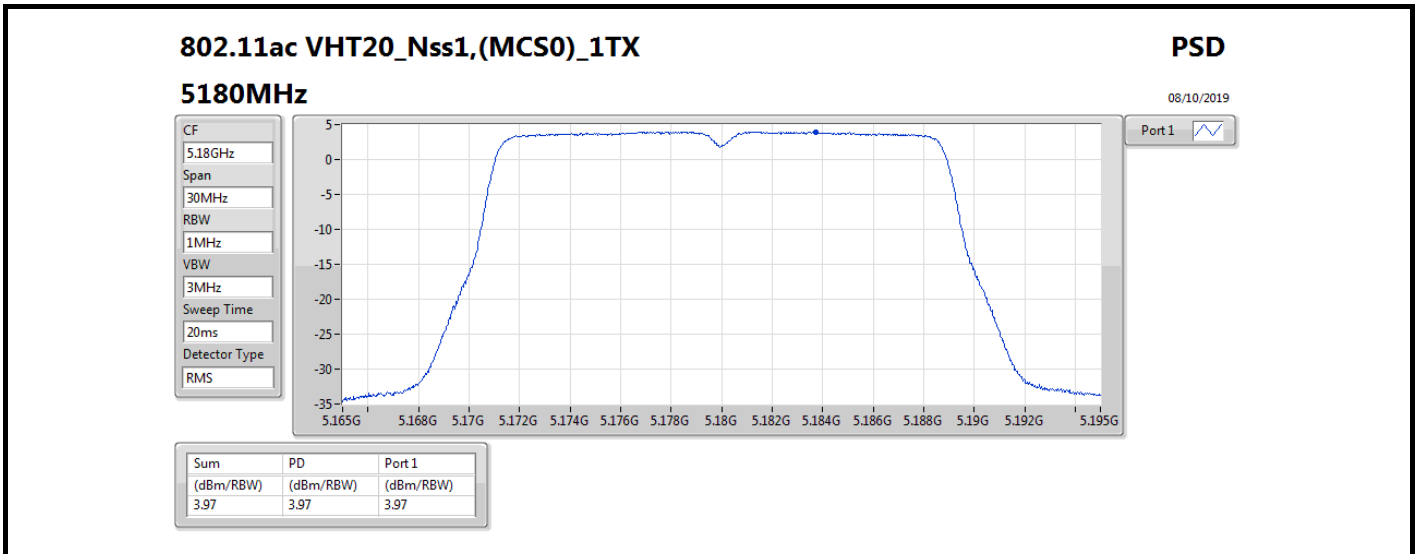
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	10.70	5.26	5.26	12.30
5200MHz	Pass	10.70	9.02	9.02	12.30
5240MHz	Pass	10.70	8.78	8.78	12.30
5745MHz	Pass	10.70	9.28	9.28	25.30
5785MHz	Pass	10.70	9.32	9.32	25.30
5825MHz	Pass	10.70	8.60	8.60	25.30
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	10.70	3.97	3.97	12.30
5200MHz	Pass	10.70	8.00	8.00	12.30
5240MHz	Pass	10.70	8.35	8.35	12.30
5745MHz	Pass	10.70	8.74	8.74	25.30
5785MHz	Pass	10.70	8.90	8.90	25.30
5825MHz	Pass	10.70	8.09	8.09	25.30
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	10.70	-1.52	-1.52	12.30
5230MHz	Pass	10.70	3.73	3.73	12.30
5755MHz	Pass	10.70	3.85	3.85	25.30
5795MHz	Pass	10.70	4.11	4.11	25.30
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	10.70	-4.32	-4.32	12.30
5775MHz	Pass	10.70	-2.36	-2.36	25.30
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	10.70	3.91	3.91	12.30
5200MHz	Pass	10.70	7.85	7.85	12.30
5240MHz	Pass	10.70	8.17	8.17	12.30
5745MHz	Pass	10.70	8.62	8.62	25.30
5785MHz	Pass	10.70	8.66	8.66	25.30
5825MHz	Pass	10.70	7.79	7.79	25.30
802.11ax_HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	10.70	-1.39	-1.39	12.30
5230MHz	Pass	10.70	3.80	3.80	12.30
5755MHz	Pass	10.70	3.29	3.29	25.30
5795MHz	Pass	10.70	3.90	3.90	25.30
802.11ax_HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	10.70	-4.30	-4.30	12.30
5775MHz	Pass	10.70	-2.30	-2.30	25.30

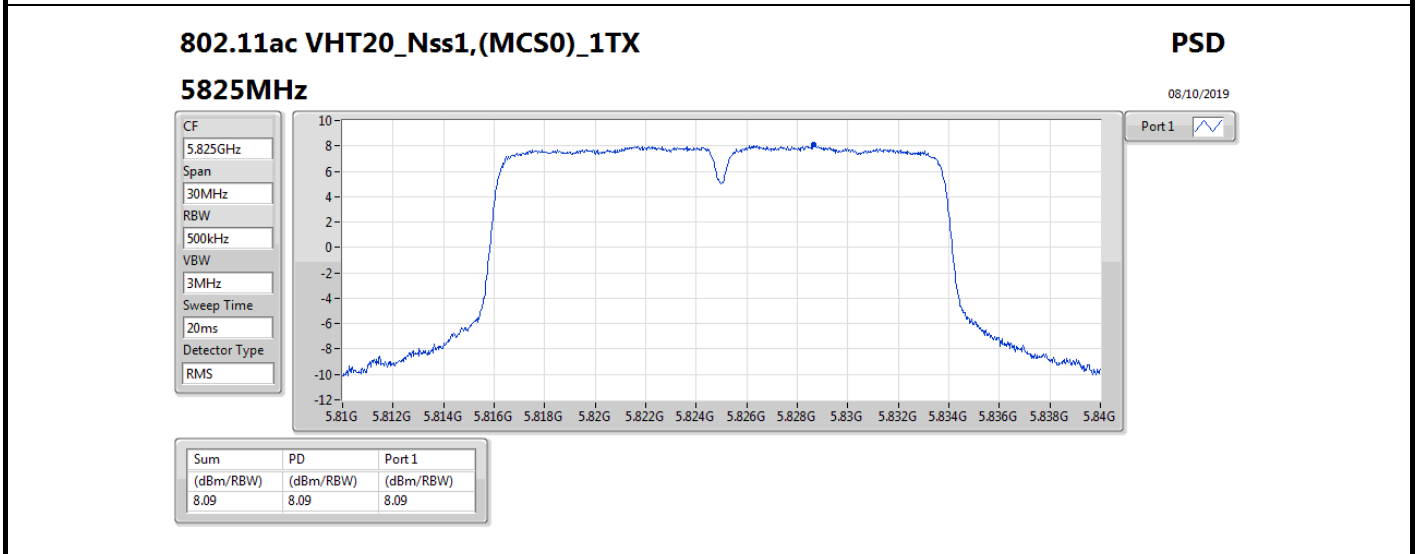
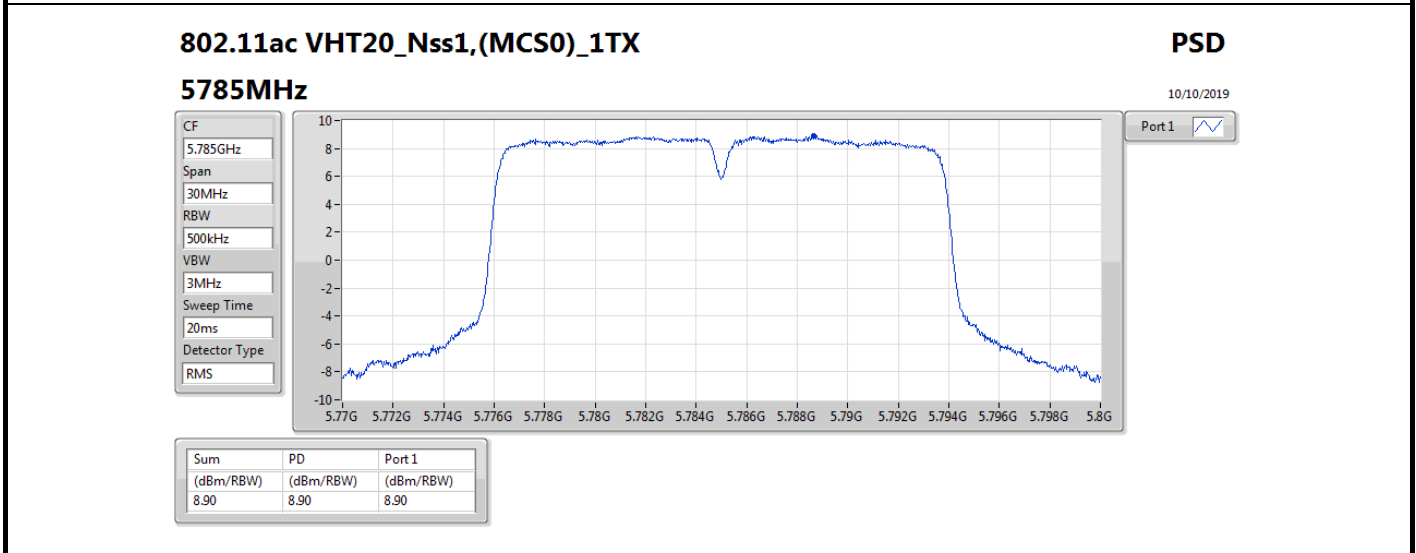
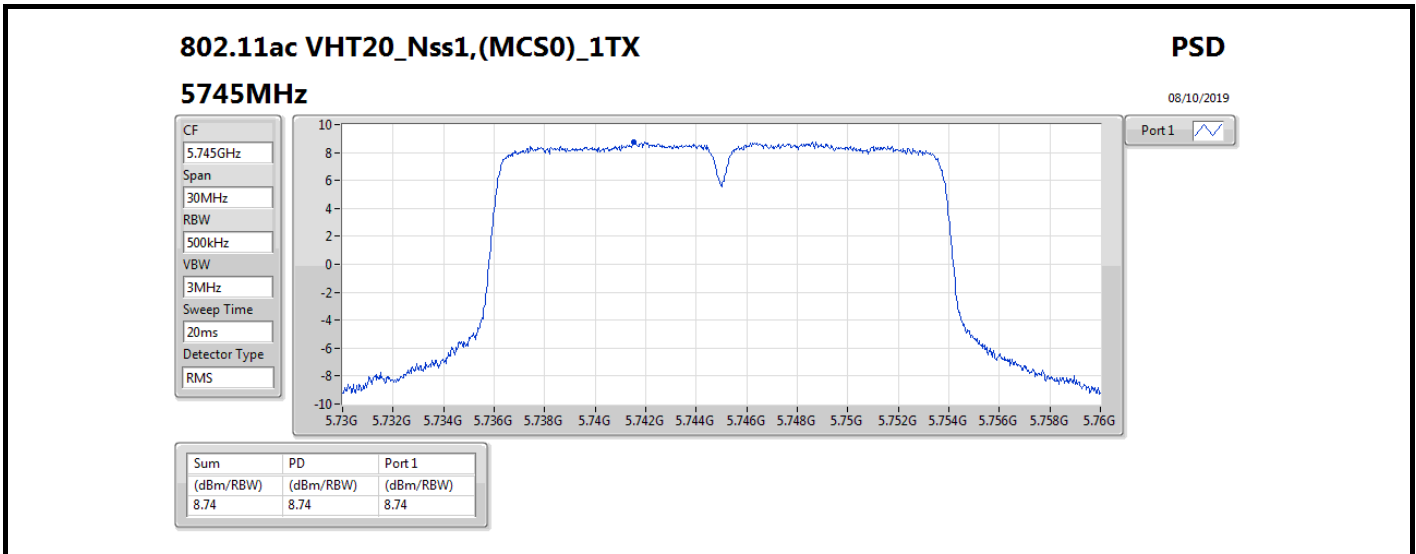
DG = Directional Gain; RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

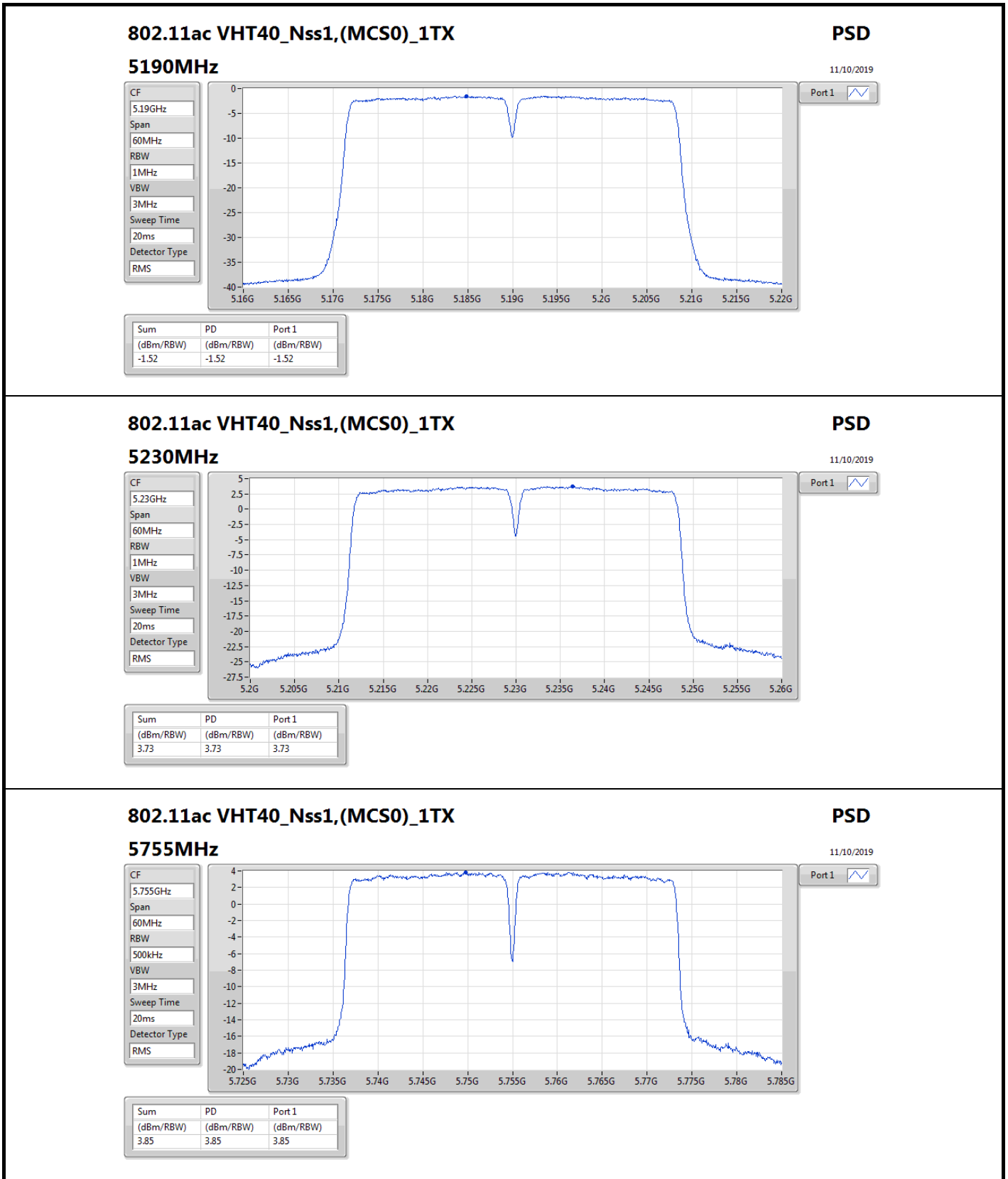
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;



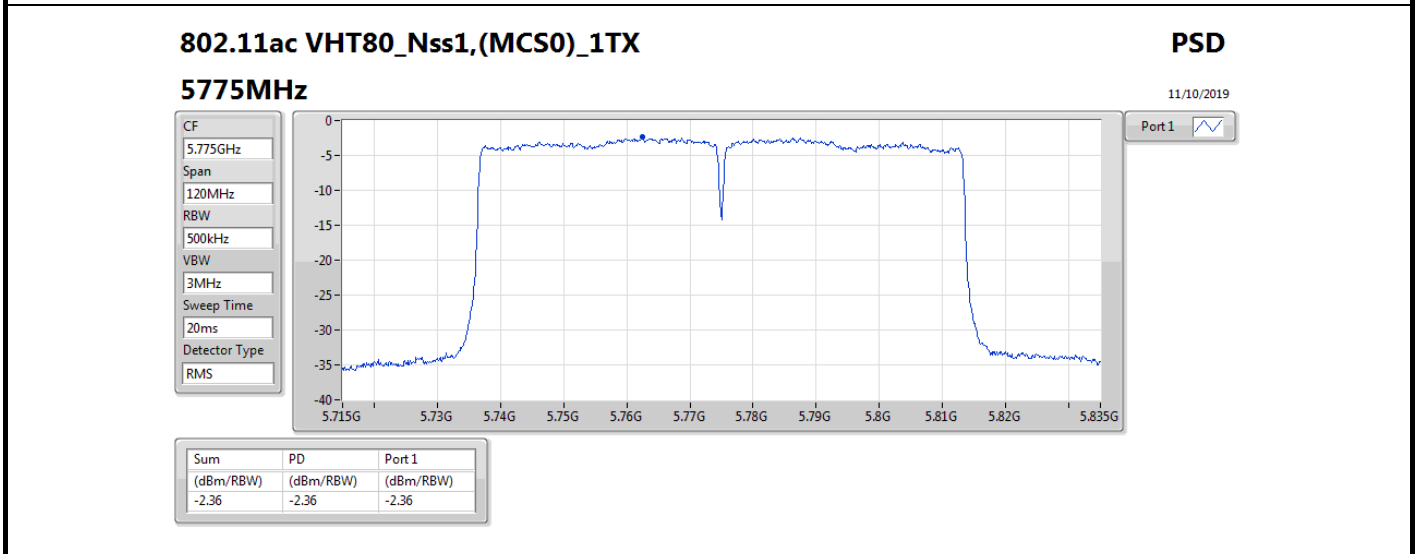
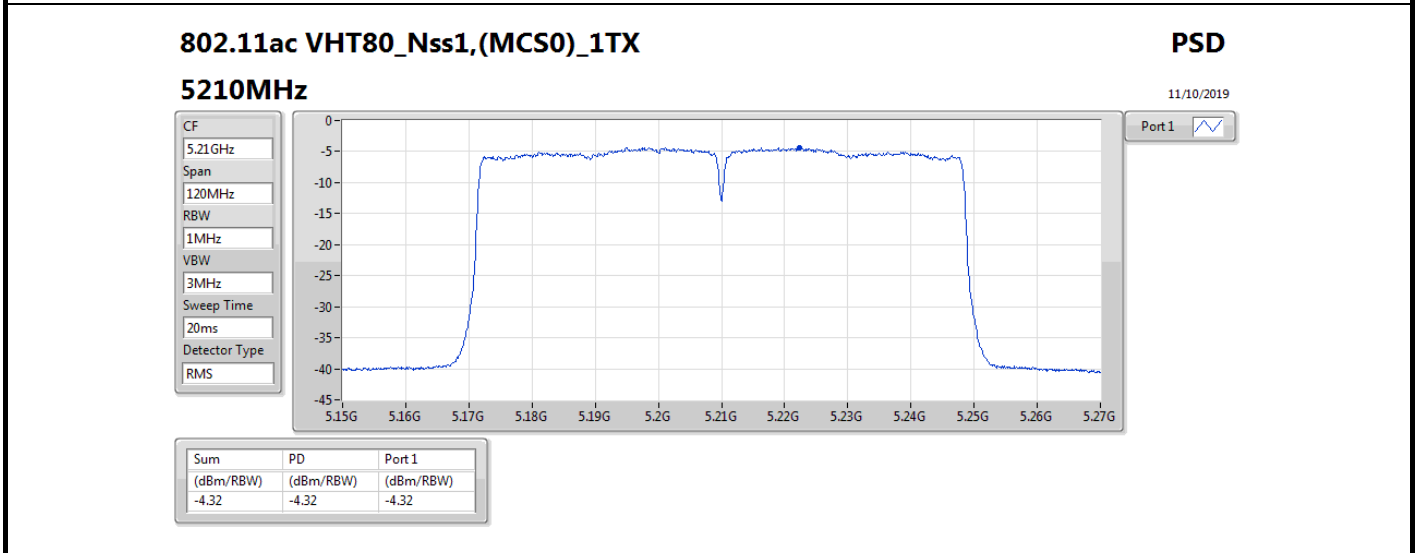
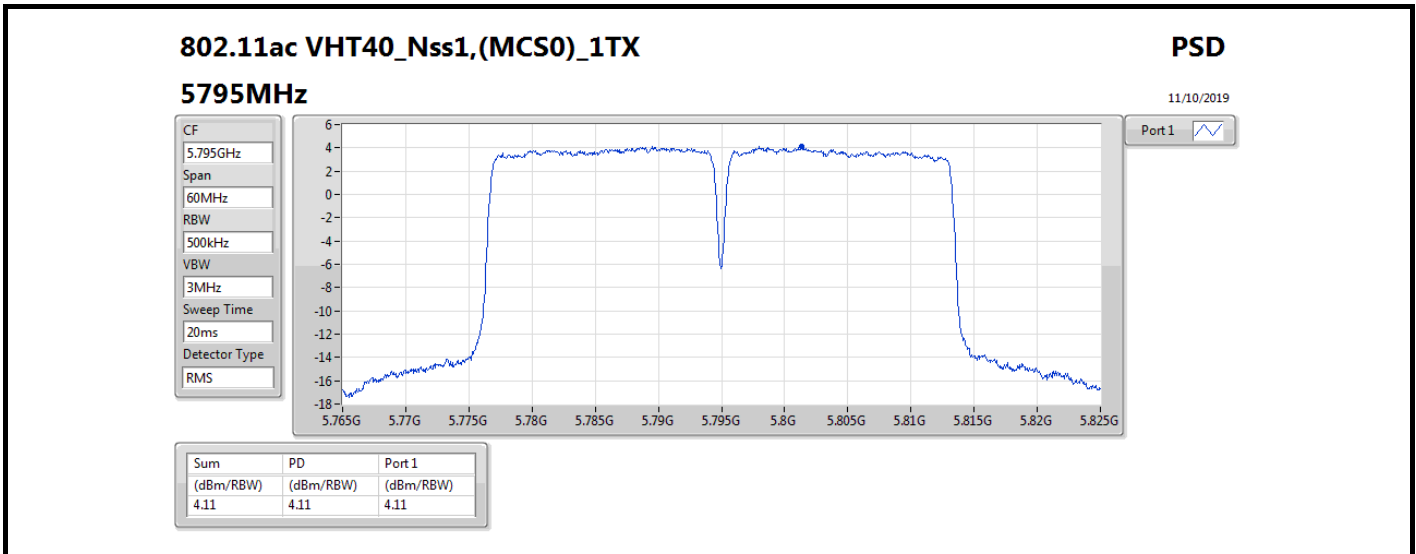


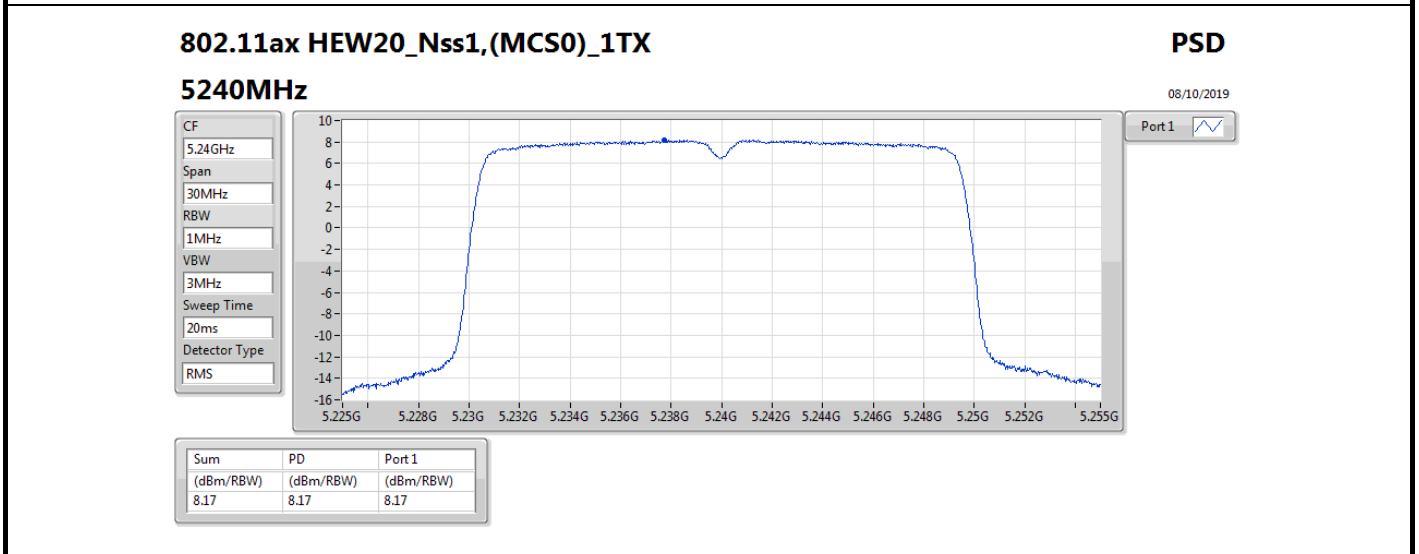
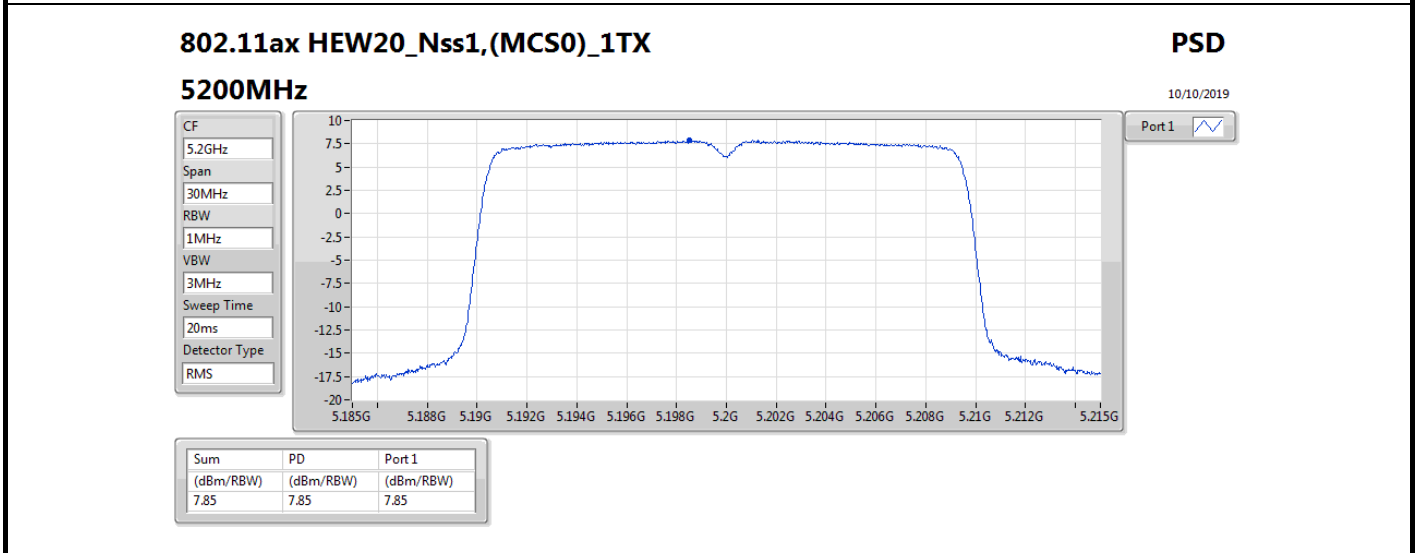
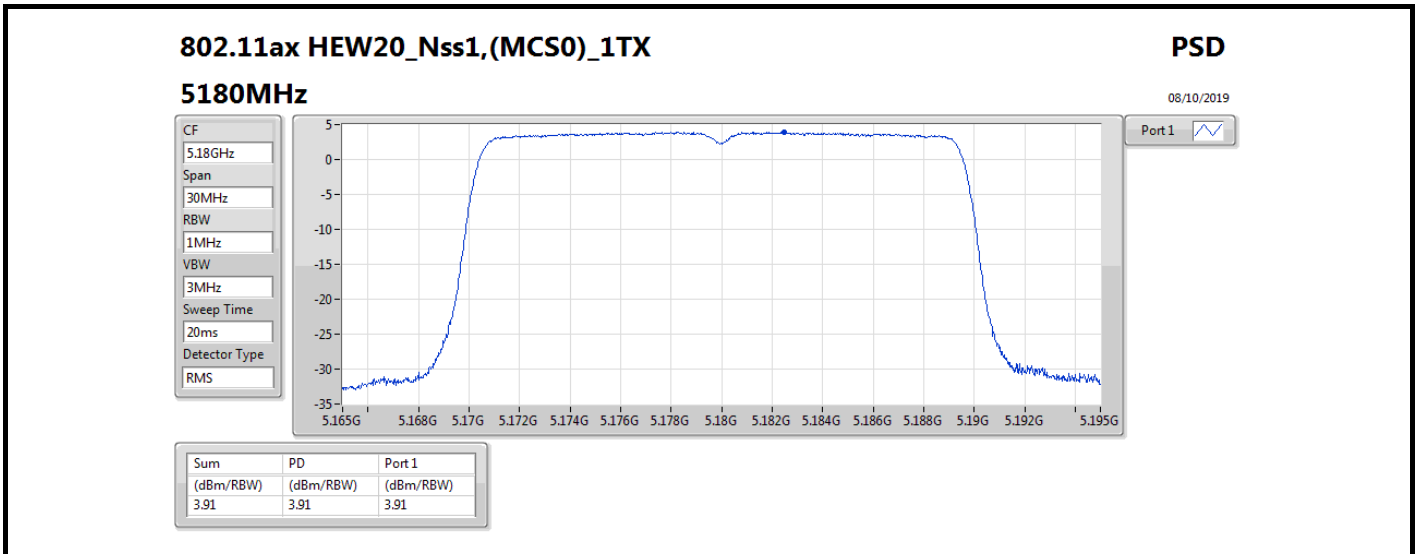


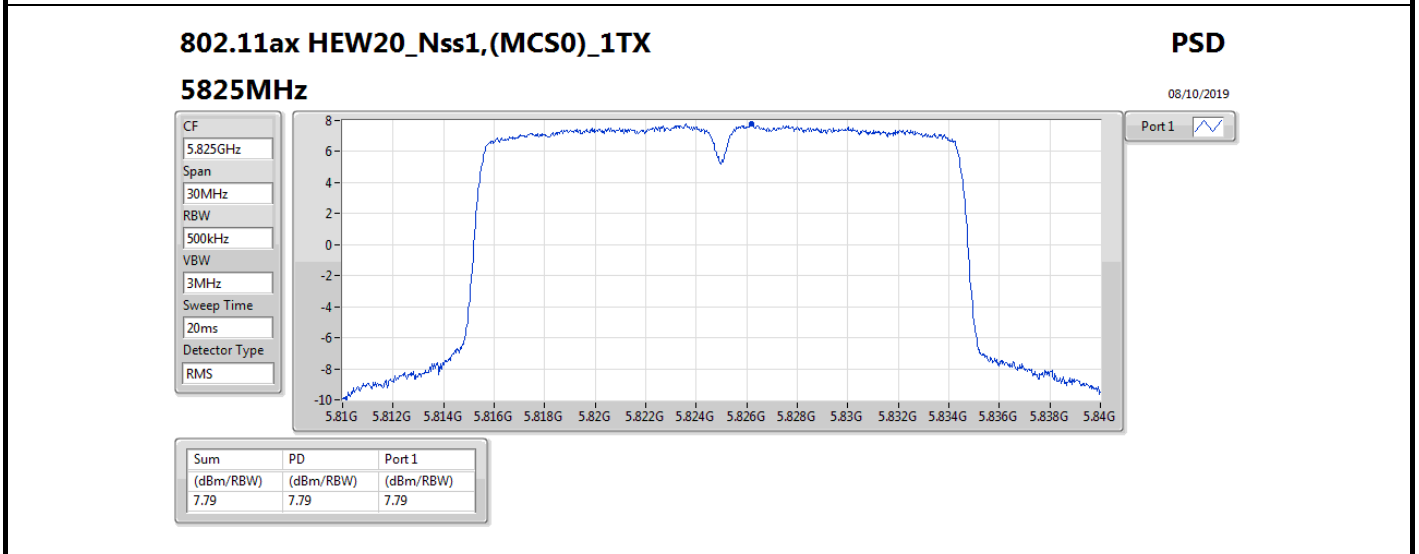
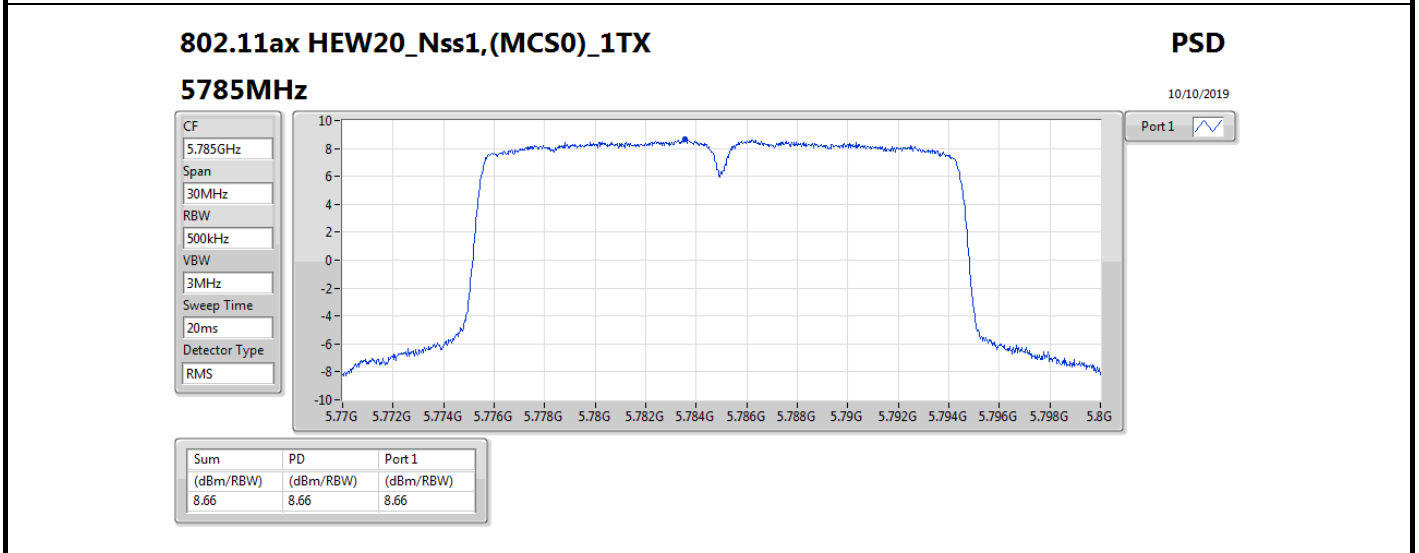
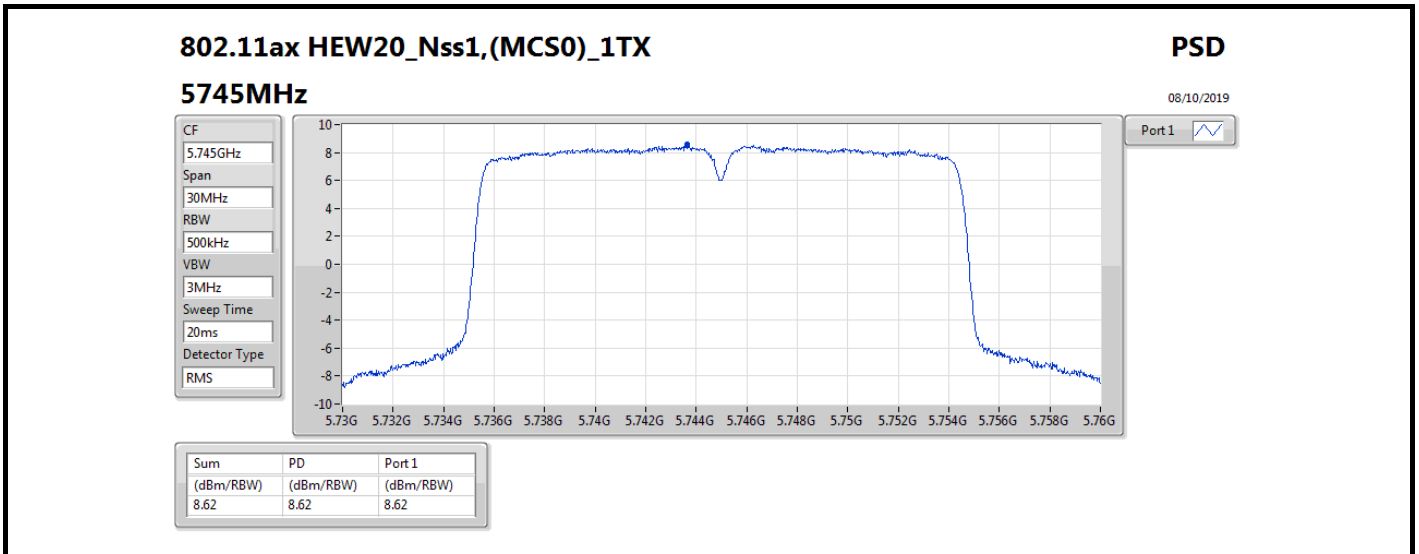


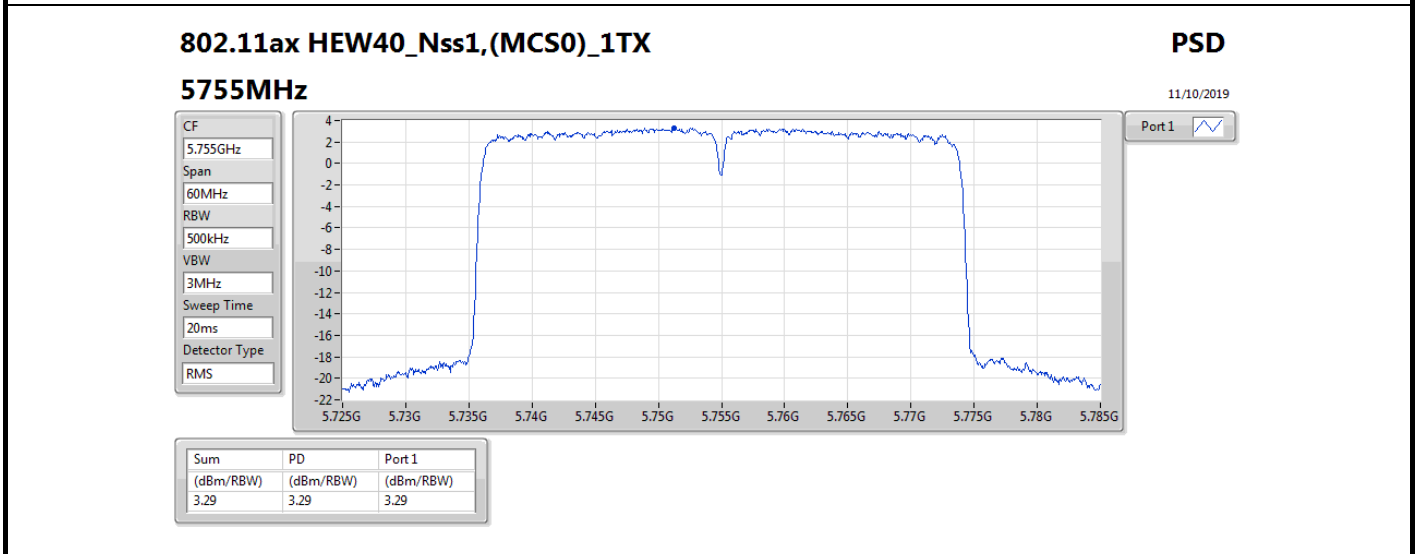
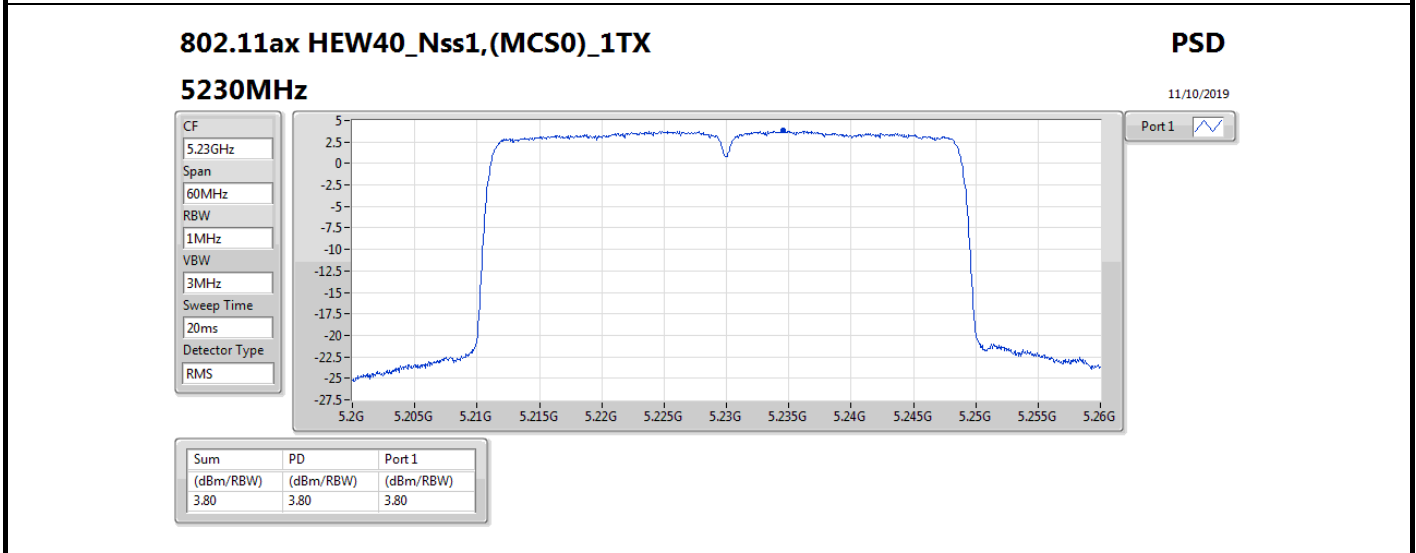
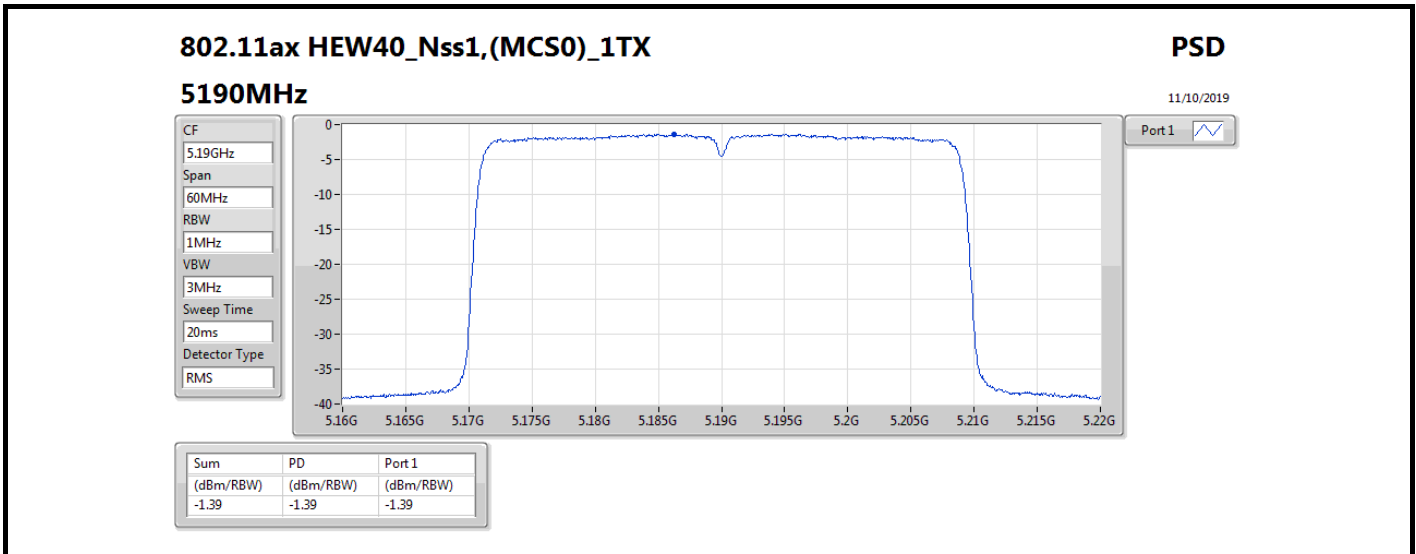


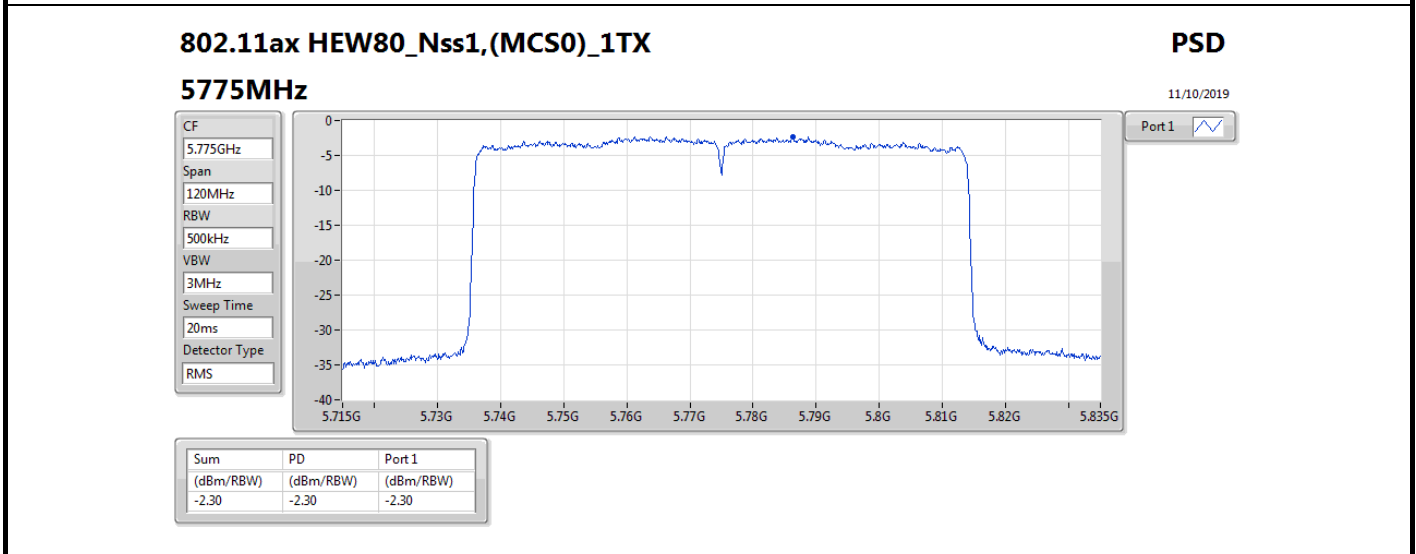
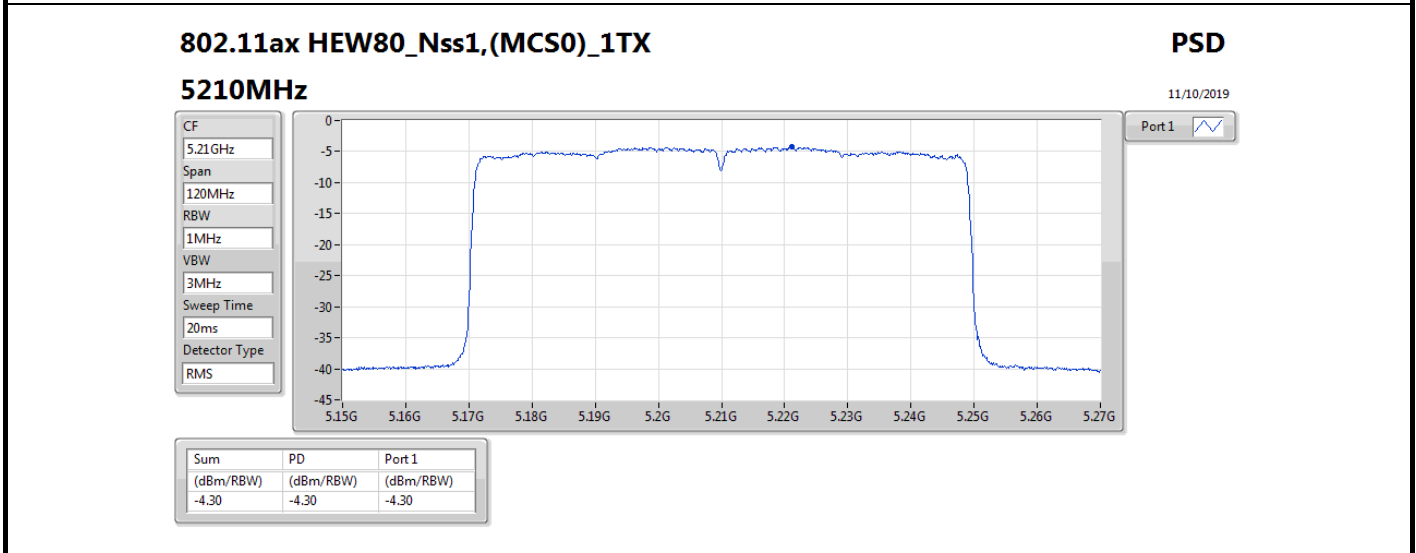
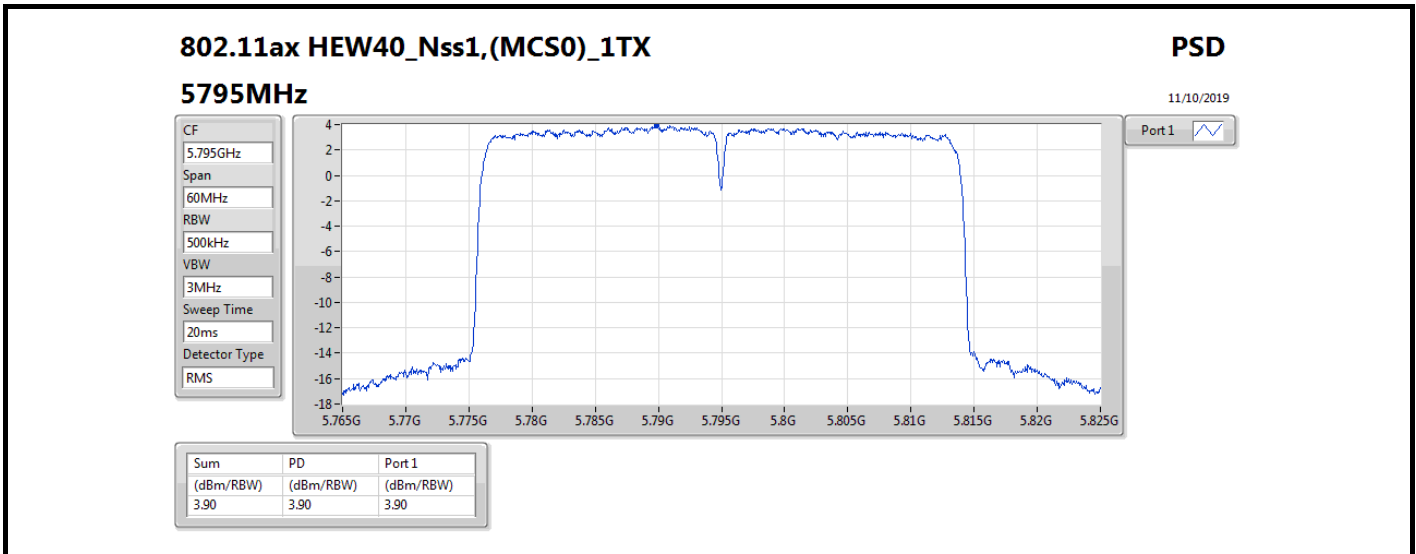














Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	8.96
802.11ac VHT20_Nss2,(MCS0)_2TX	10.78
802.11ac VHT40_Nss2,(MCS0)_2TX	6.52
802.11ac VHT80_Nss2,(MCS0)_2TX	-3.15
802.11ax HEW20_Nss2,(MCS0)_2TX	10.71
802.11ax HEW40_Nss2,(MCS0)_2TX	6.49
802.11ax HEW80_Nss2,(MCS0)_2TX	-2.76
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.83
802.11ac VHT20_Nss2,(MCS0)_2TX	10.46
802.11ac VHT40_Nss2,(MCS0)_2TX	6.40
802.11ac VHT80_Nss2,(MCS0)_2TX	-0.10
802.11ax HEW20_Nss2,(MCS0)_2TX	10.34
802.11ax HEW40_Nss2,(MCS0)_2TX	6.28
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.03

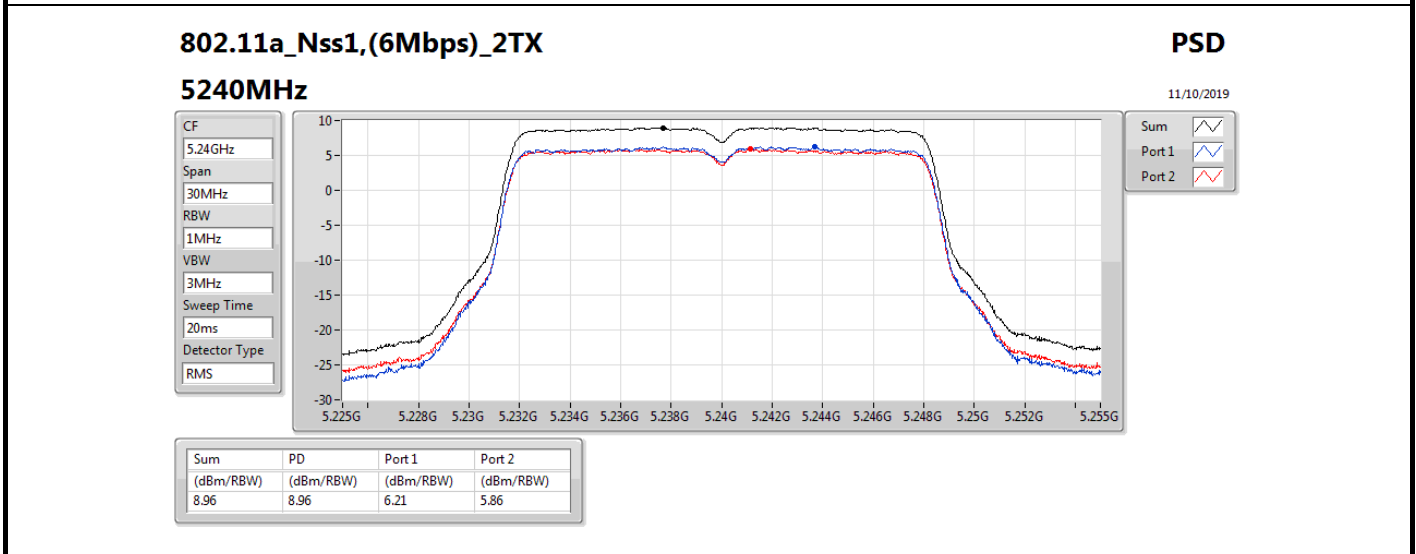
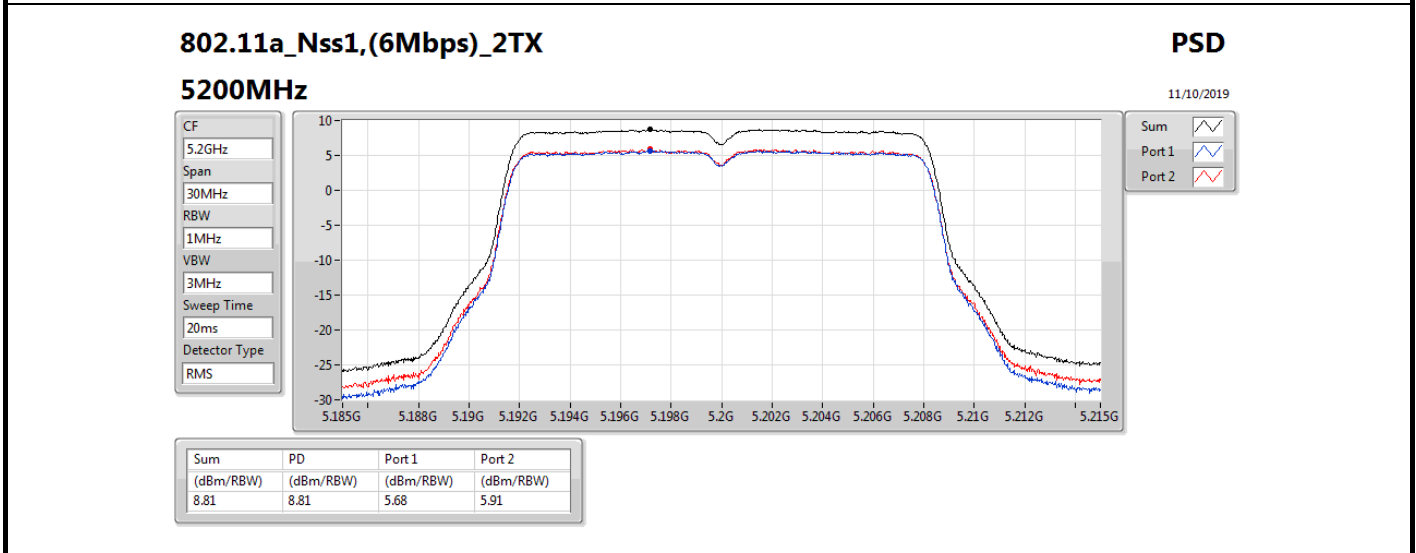
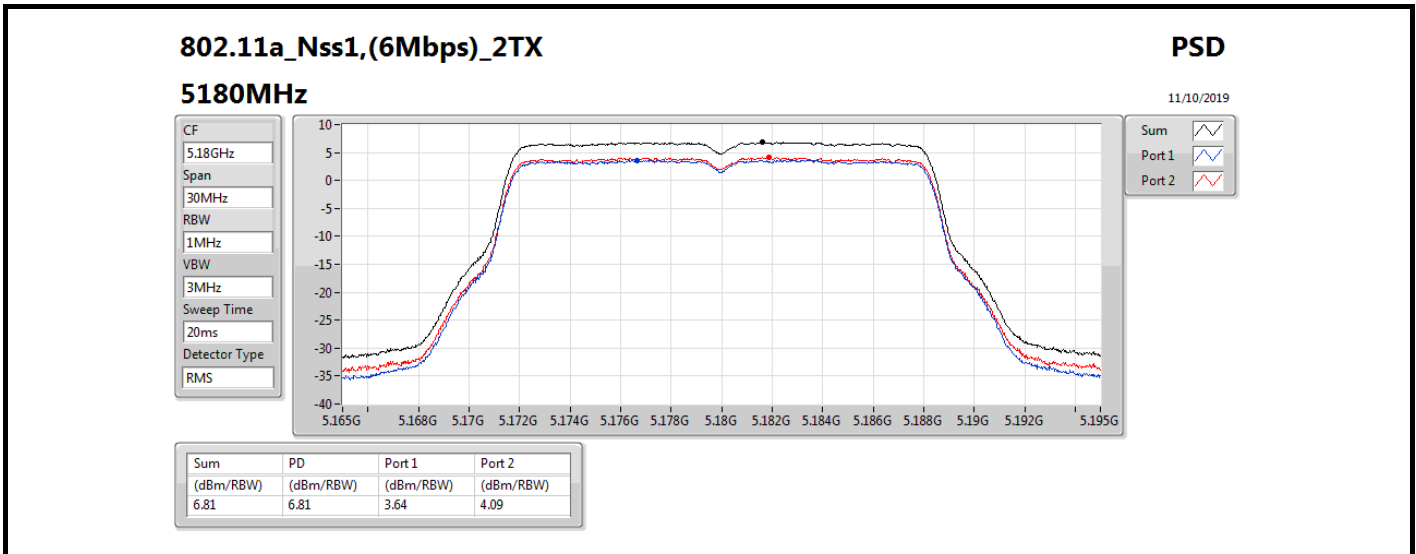
RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;



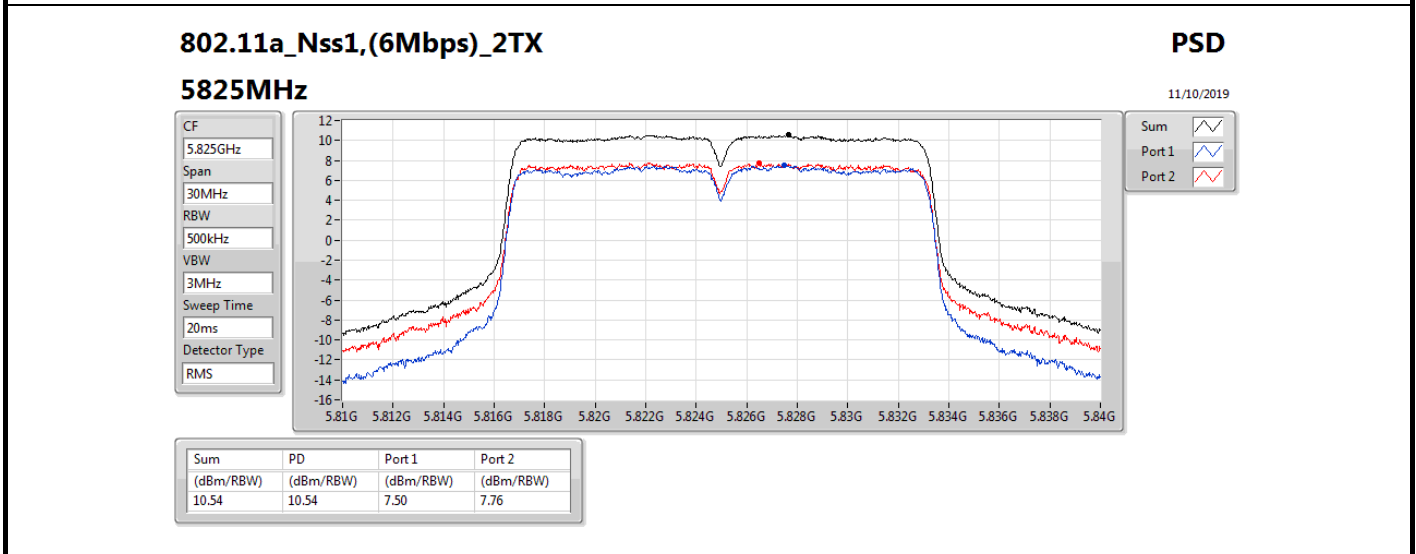
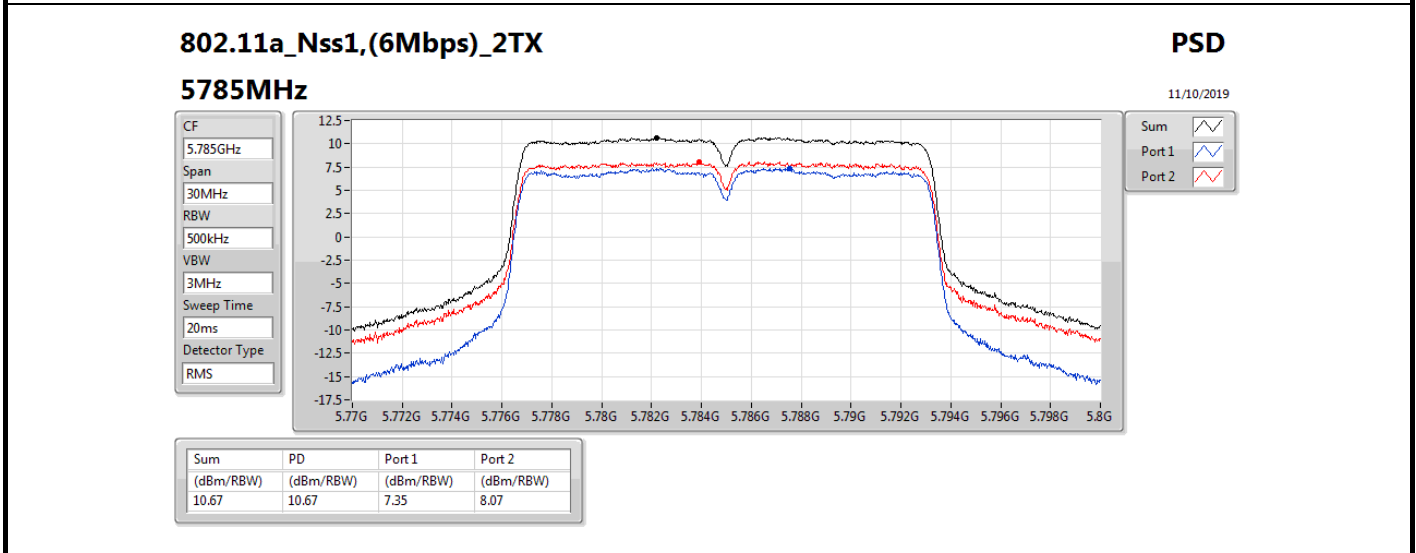
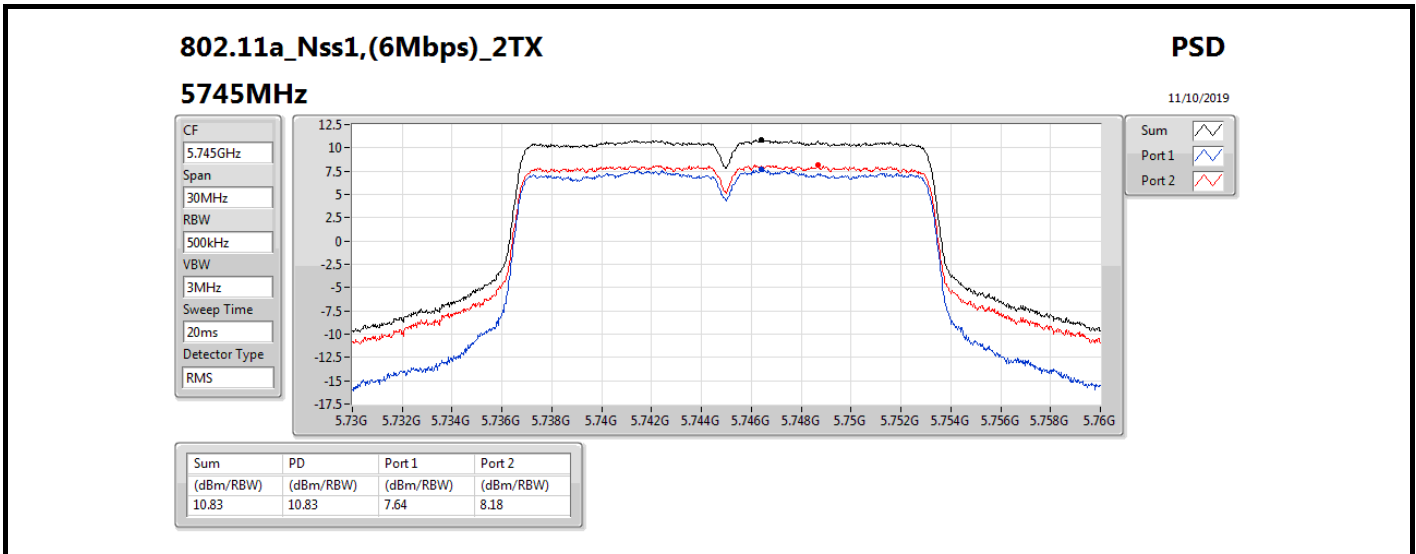
Result

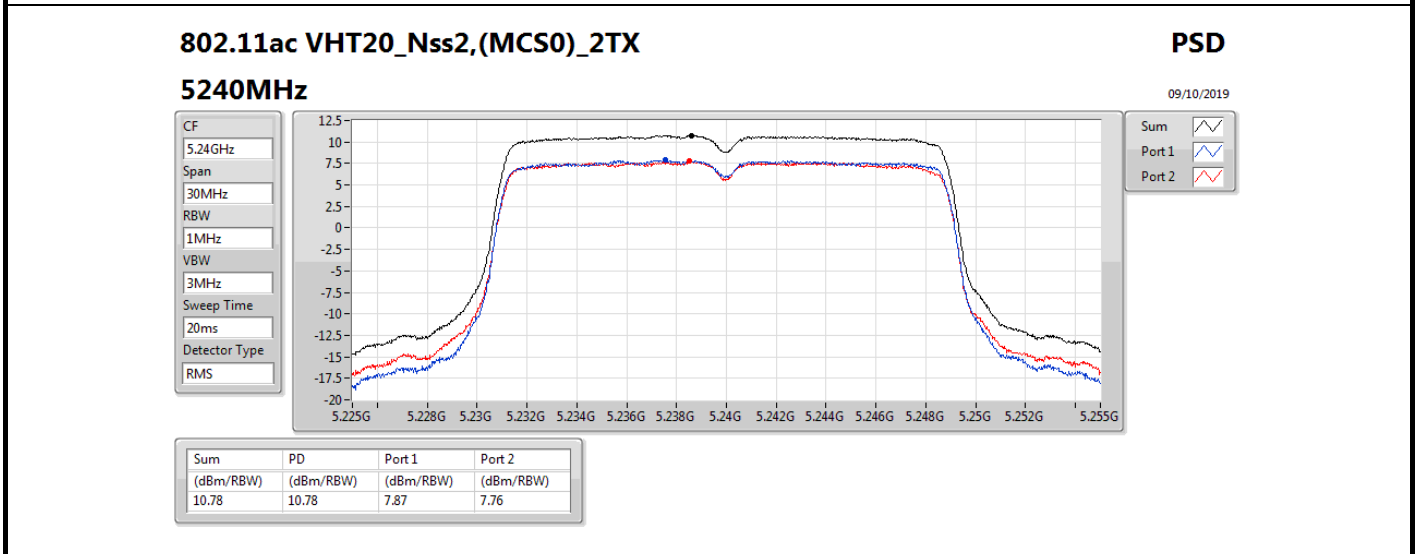
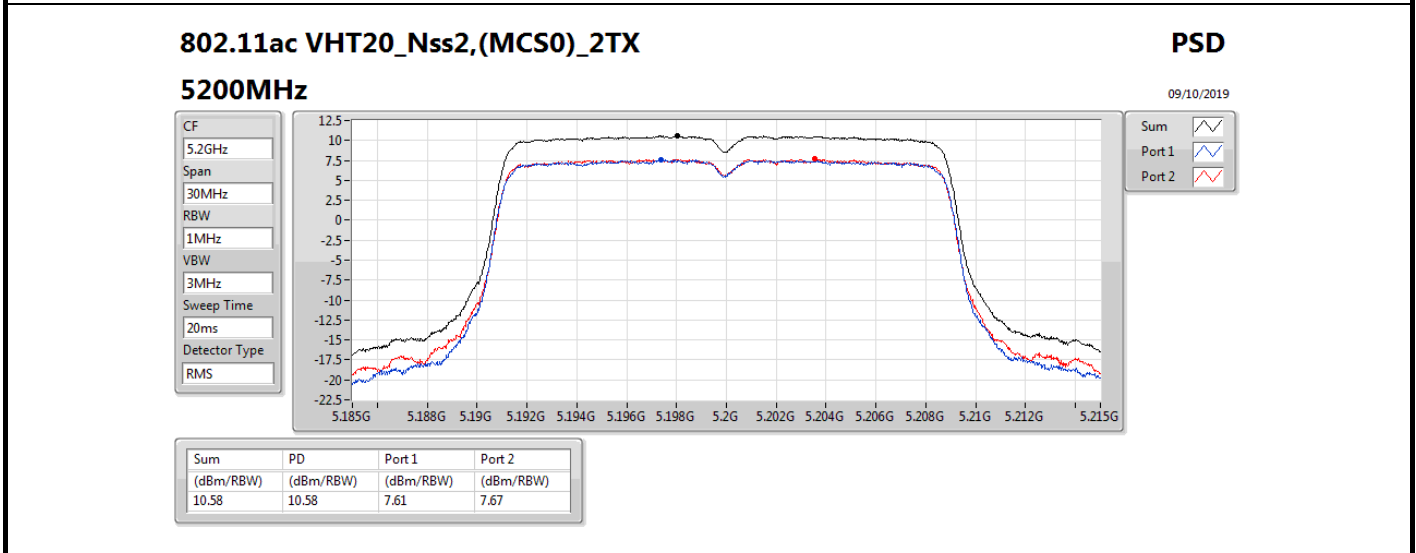
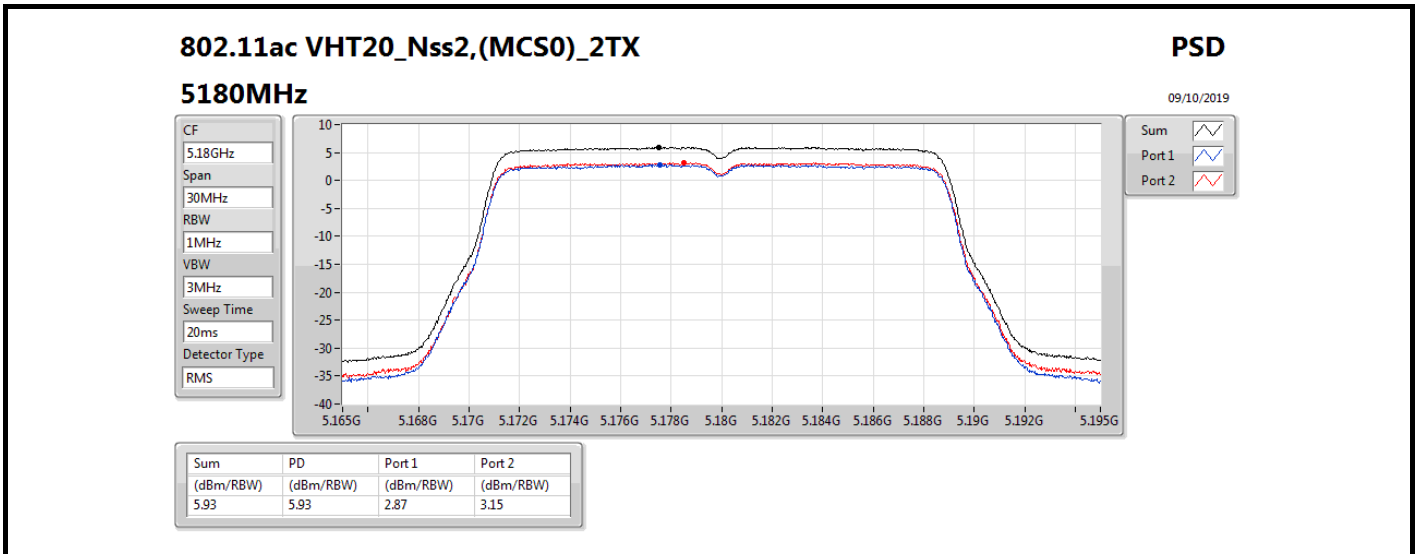
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	13.71	3.64	4.09	6.81	9.29
5200MHz	Pass	13.71	5.68	5.91	8.81	9.29
5240MHz	Pass	13.71	6.21	5.86	8.96	9.29
5745MHz	Pass	13.71	7.64	8.18	10.83	22.29
5785MHz	Pass	13.71	7.35	8.07	10.67	22.29
5825MHz	Pass	13.71	7.50	7.76	10.54	22.29
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	10.70	2.87	3.15	5.93	12.30
5200MHz	Pass	10.70	7.61	7.67	10.58	12.30
5240MHz	Pass	10.70	7.87	7.76	10.78	12.30
5745MHz	Pass	10.70	7.30	7.81	10.46	25.30
5785MHz	Pass	10.70	6.99	7.66	10.28	25.30
5825MHz	Pass	10.70	7.29	7.63	10.38	25.30
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	10.70	-2.03	-1.73	1.07	12.30
5230MHz	Pass	10.70	3.76	3.61	6.52	12.30
5755MHz	Pass	10.70	3.24	3.78	6.40	25.30
5795MHz	Pass	10.70	2.80	3.54	6.13	25.30
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	10.70	-6.30	-5.97	-3.15	12.30
5775MHz	Pass	10.70	-3.42	-2.63	-0.10	25.30
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	10.70	2.90	3.04	5.98	12.30
5200MHz	Pass	10.70	7.50	7.58	10.52	12.30
5240MHz	Pass	10.70	7.84	7.55	10.71	12.30
5745MHz	Pass	10.70	7.09	7.69	10.34	25.30
5785MHz	Pass	10.70	6.79	7.64	10.13	25.30
5825MHz	Pass	10.70	7.09	7.43	10.18	25.30
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	10.70	-1.90	-1.77	1.07	12.30
5230MHz	Pass	10.70	3.63	3.54	6.49	12.30
5755MHz	Pass	10.70	3.09	3.80	6.28	25.30
5795MHz	Pass	10.70	2.74	3.54	6.06	25.30
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	10.70	-5.78	-5.65	-2.76	12.30
5775MHz	Pass	10.70	-3.15	-2.80	-0.03	25.30

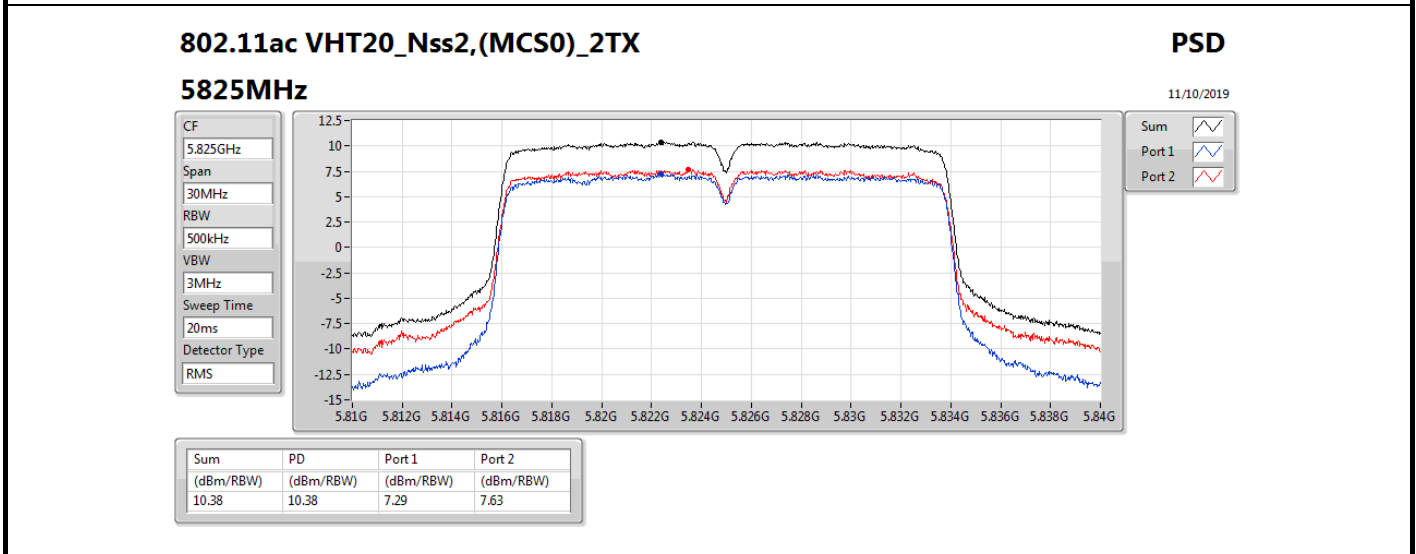
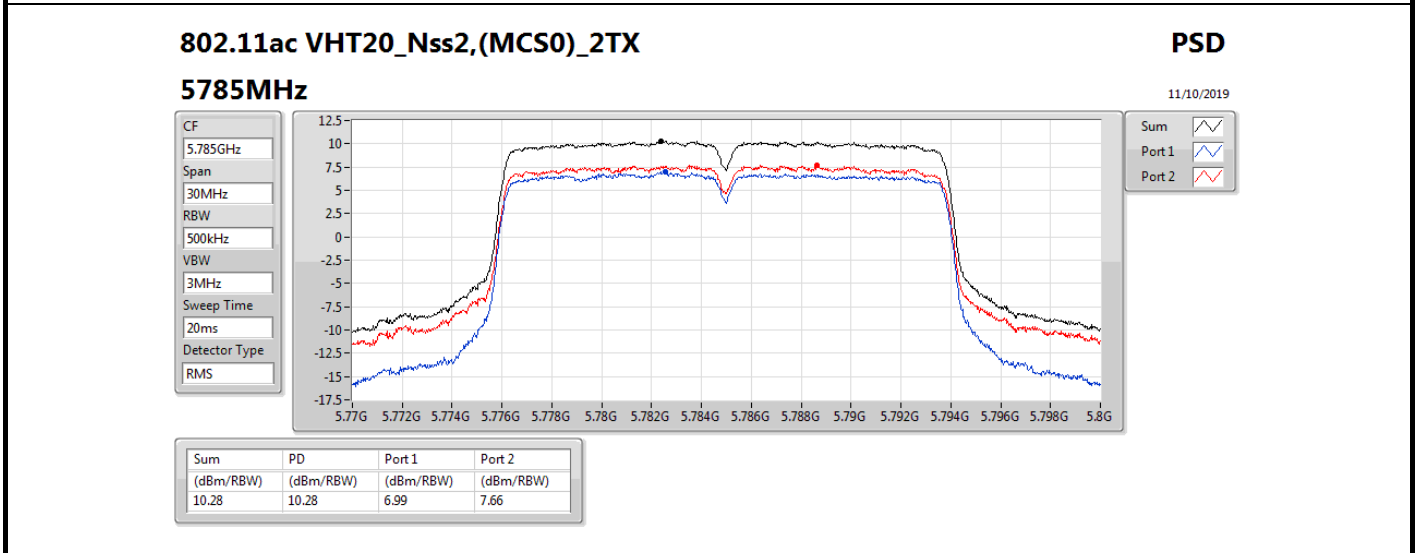
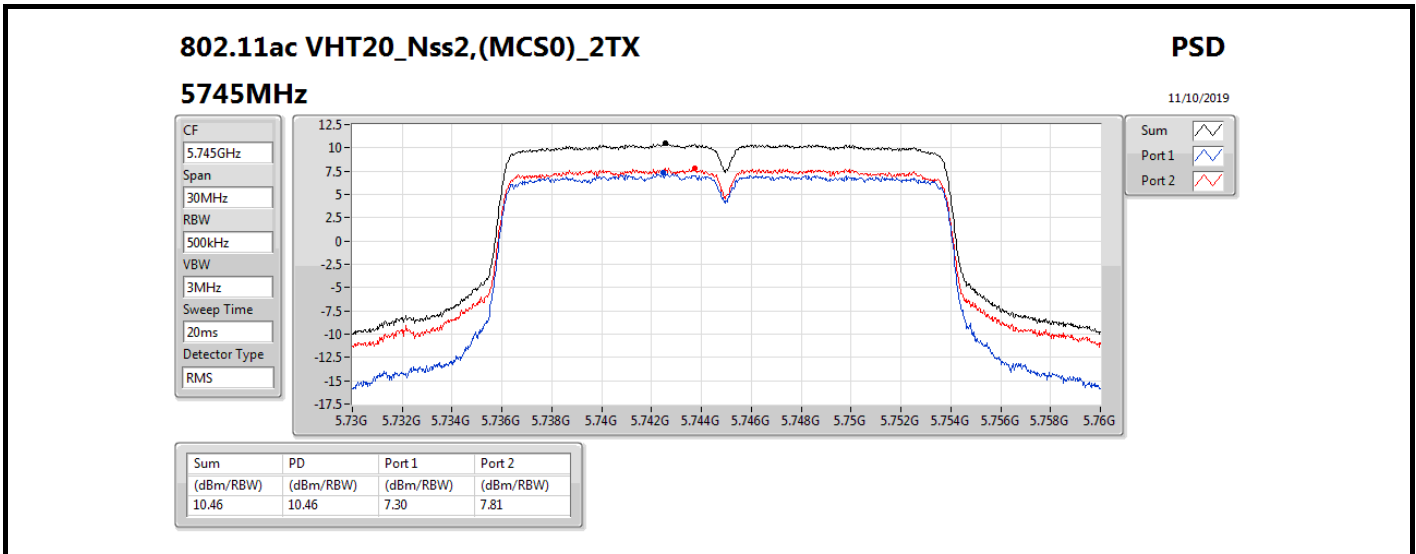
DG = Directional Gain; RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

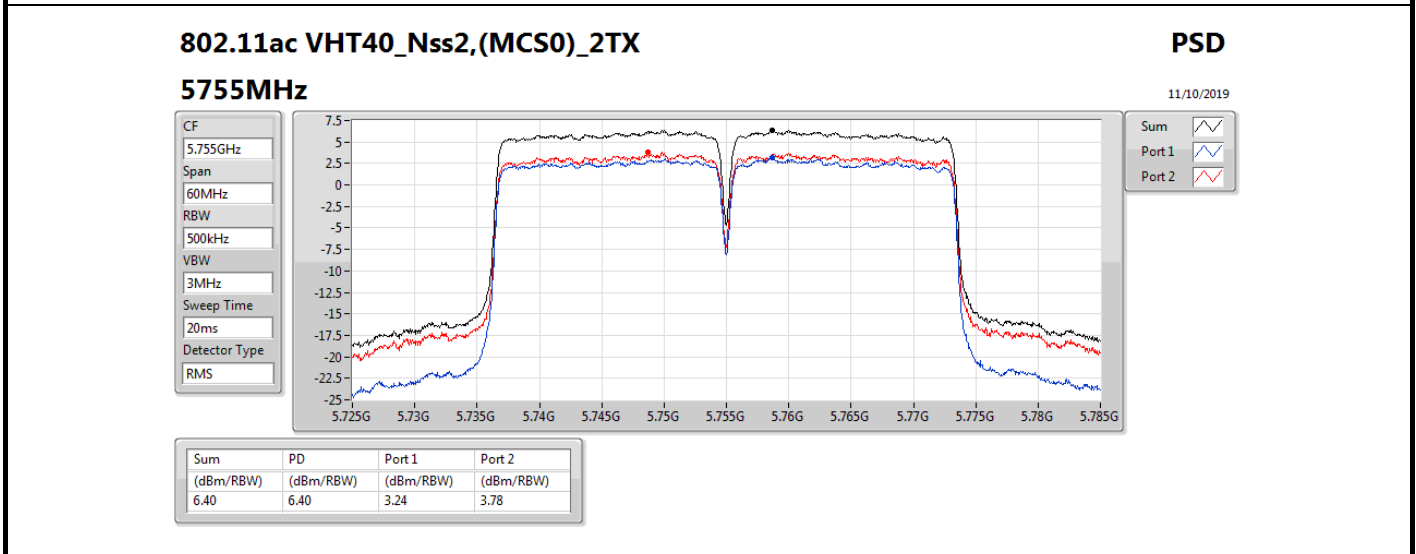
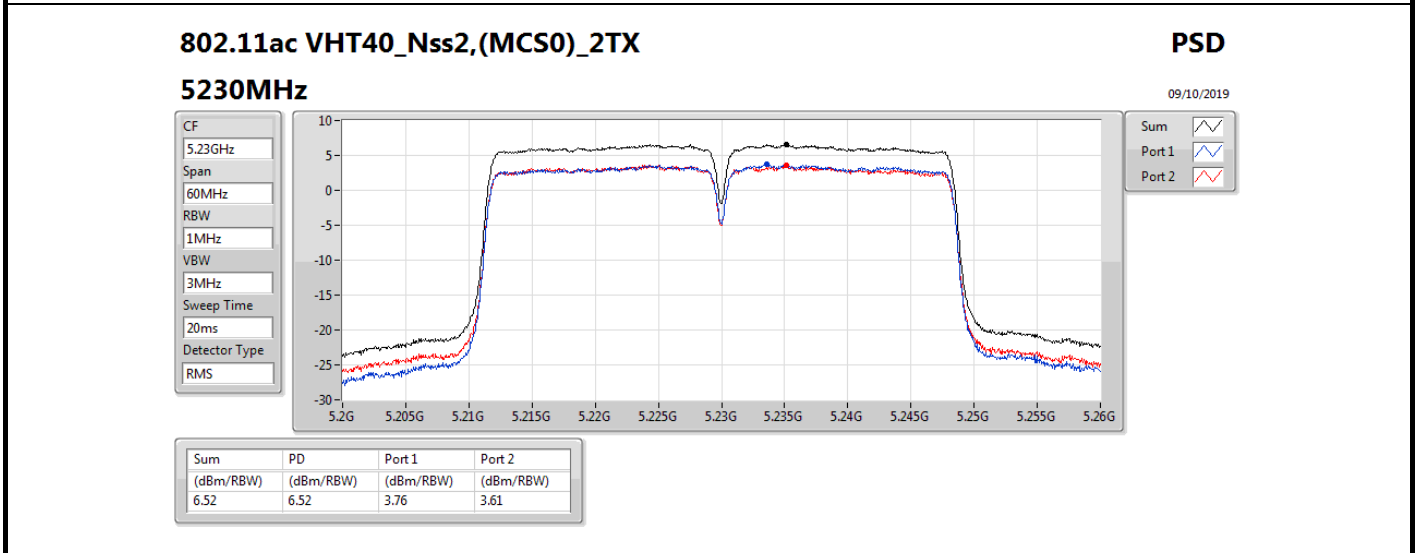
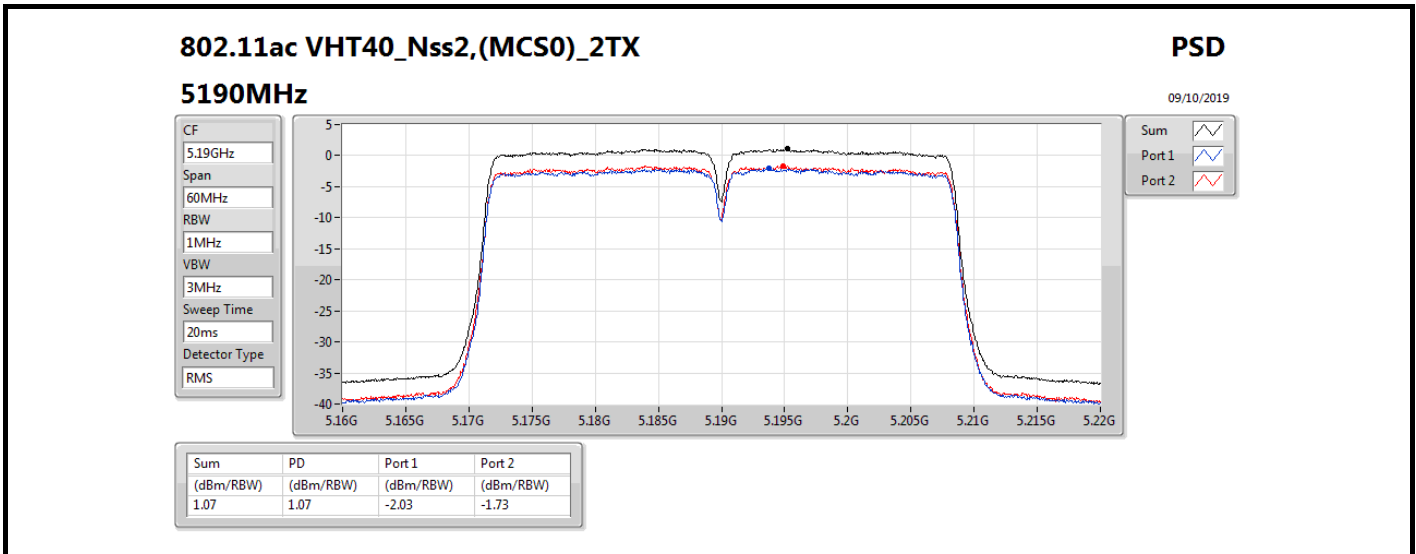












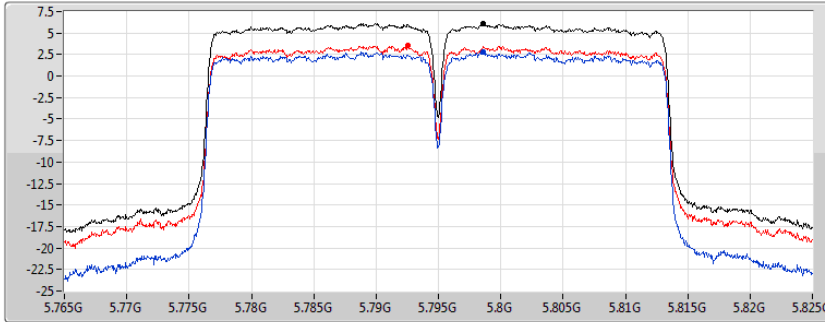
802.11ac VHT40\_Nss2,(MCS0)\_2TX

PSD

5795MHz

09/10/2019

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.13	6.13	2.80	3.54

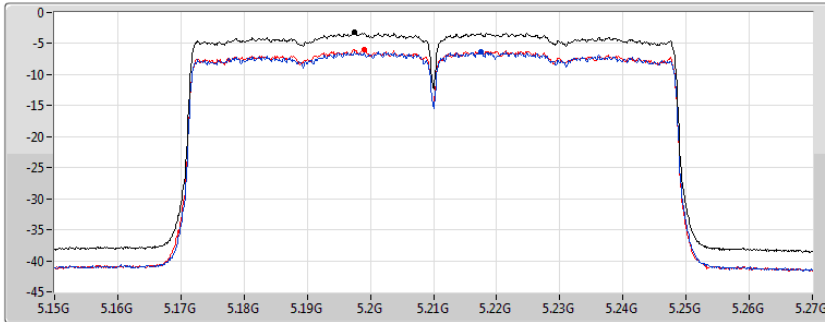
802.11ac VHT80\_Nss2,(MCS0)\_2TX

PSD

5210MHz

09/10/2019

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.15	-3.15	-6.30	-5.97

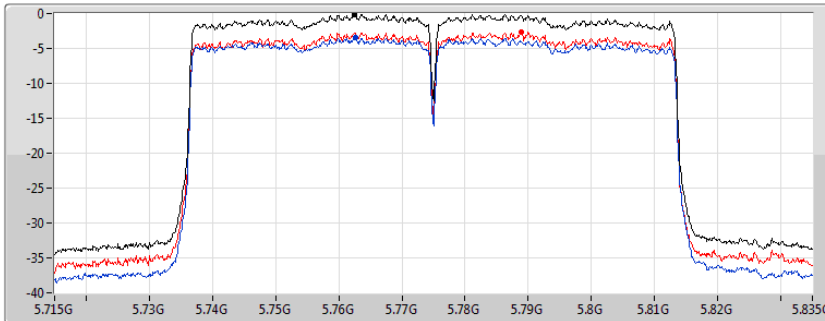
802.11ac VHT80\_Nss2,(MCS0)\_2TX

PSD

5775MHz

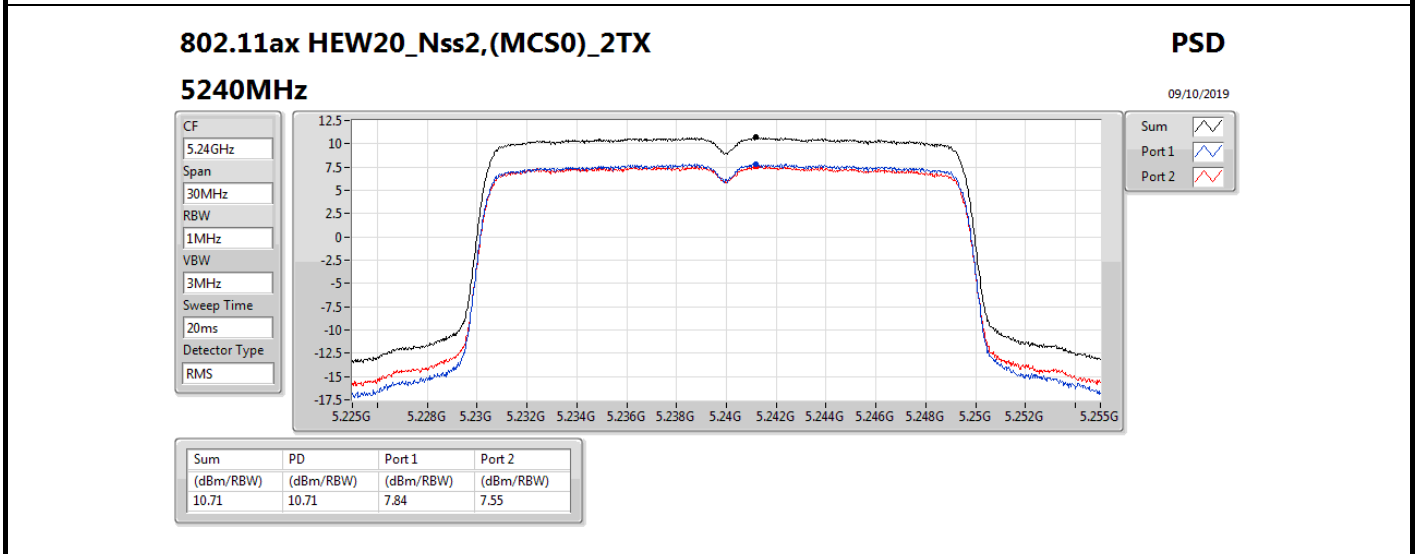
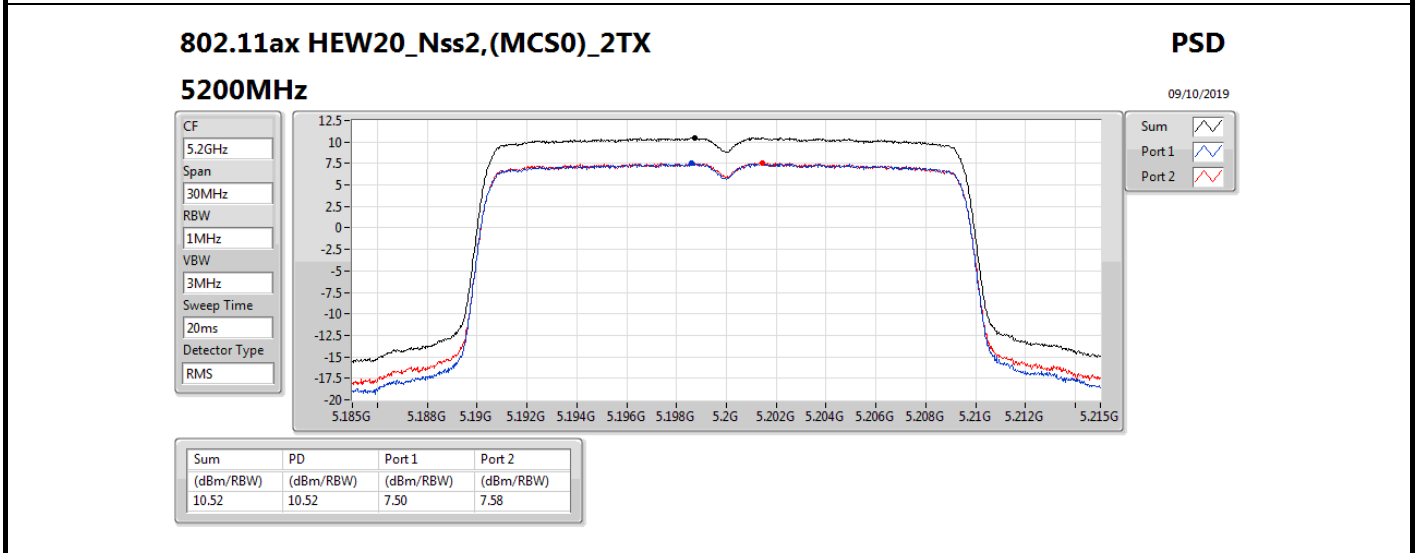
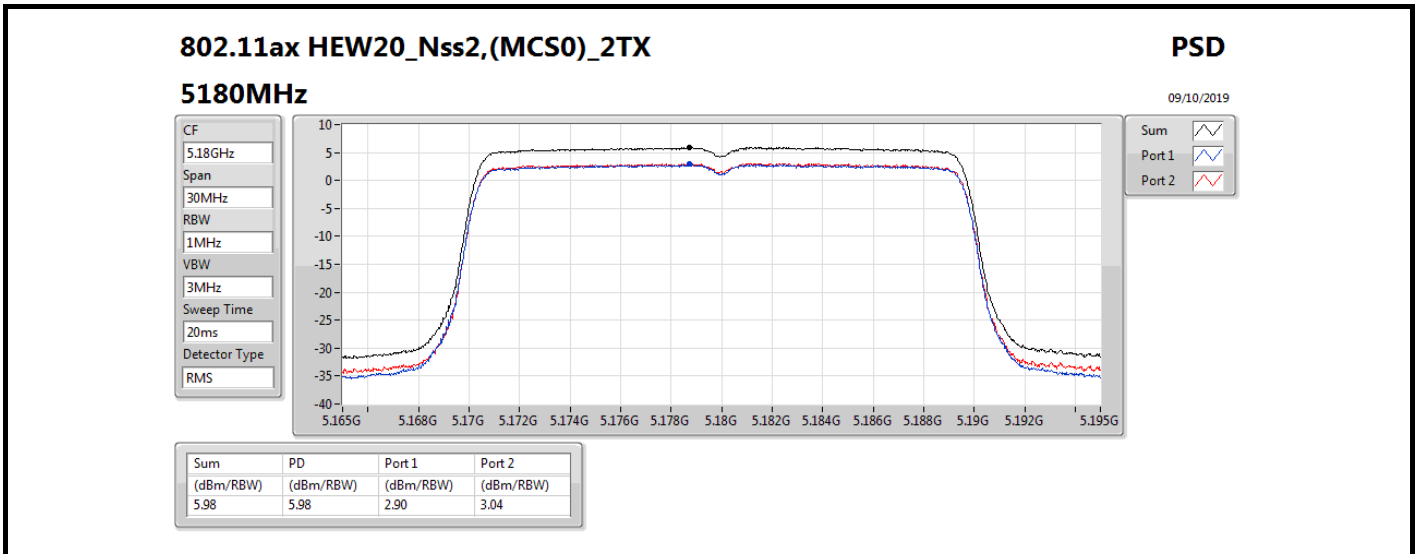
11/10/2019

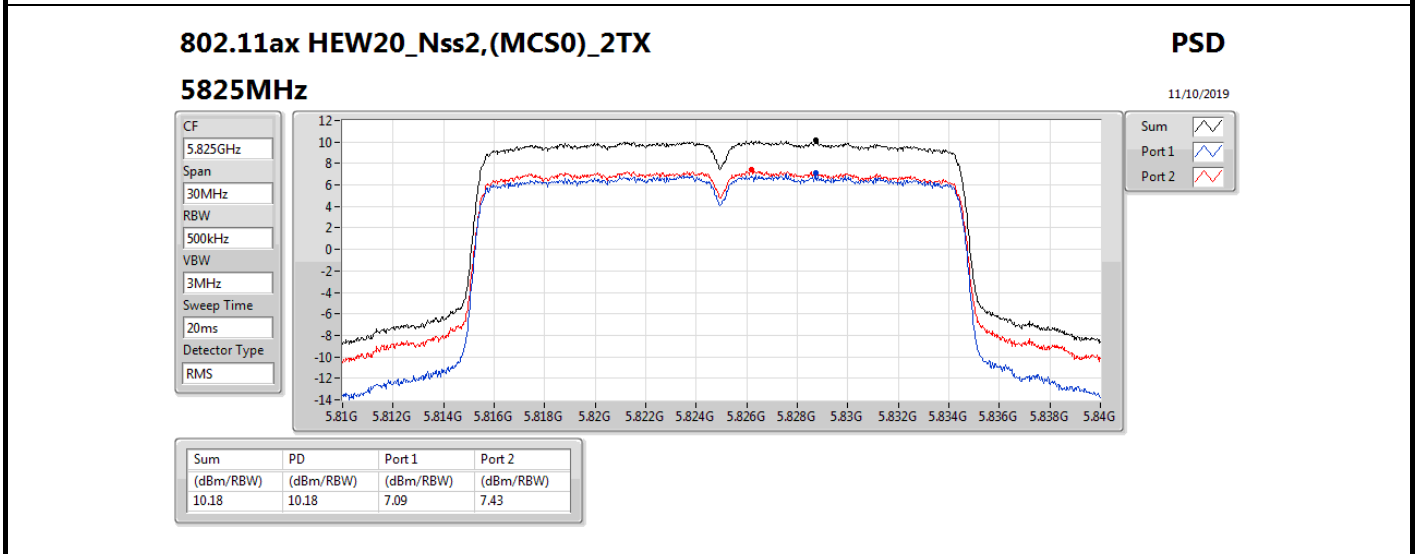
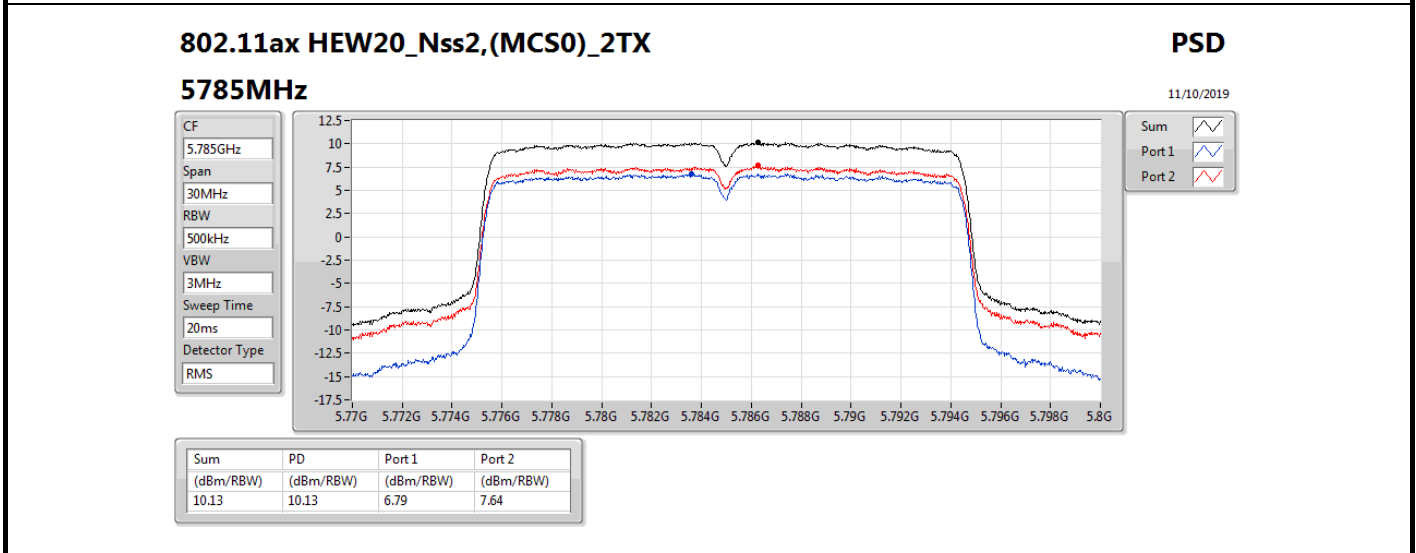
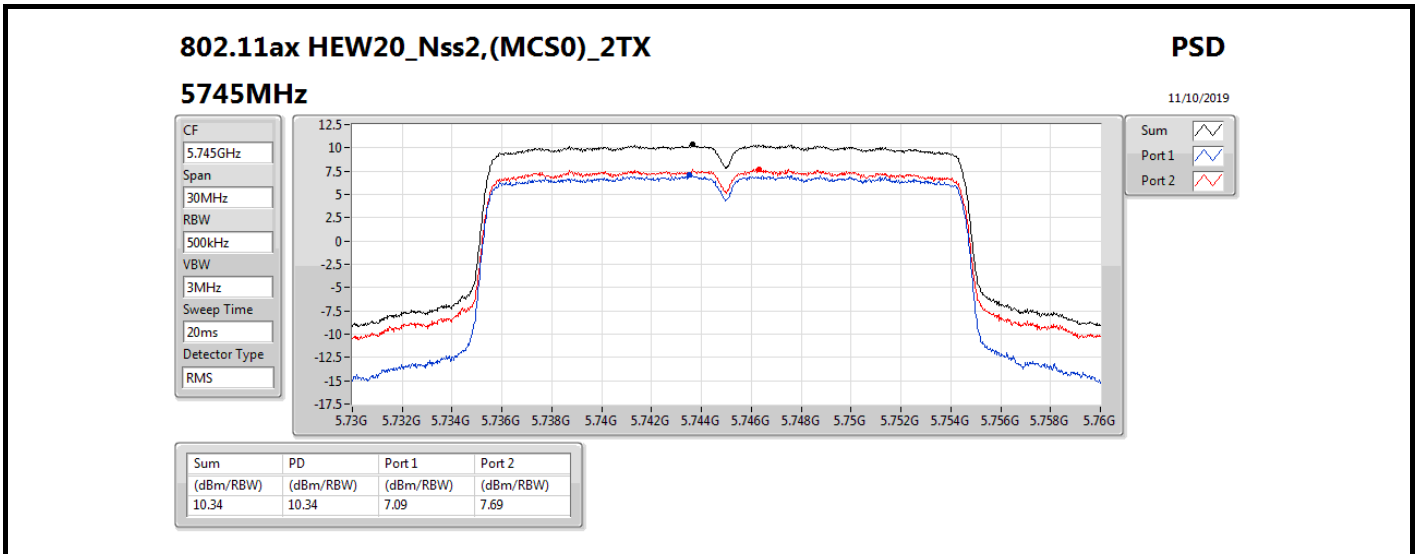
CF  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

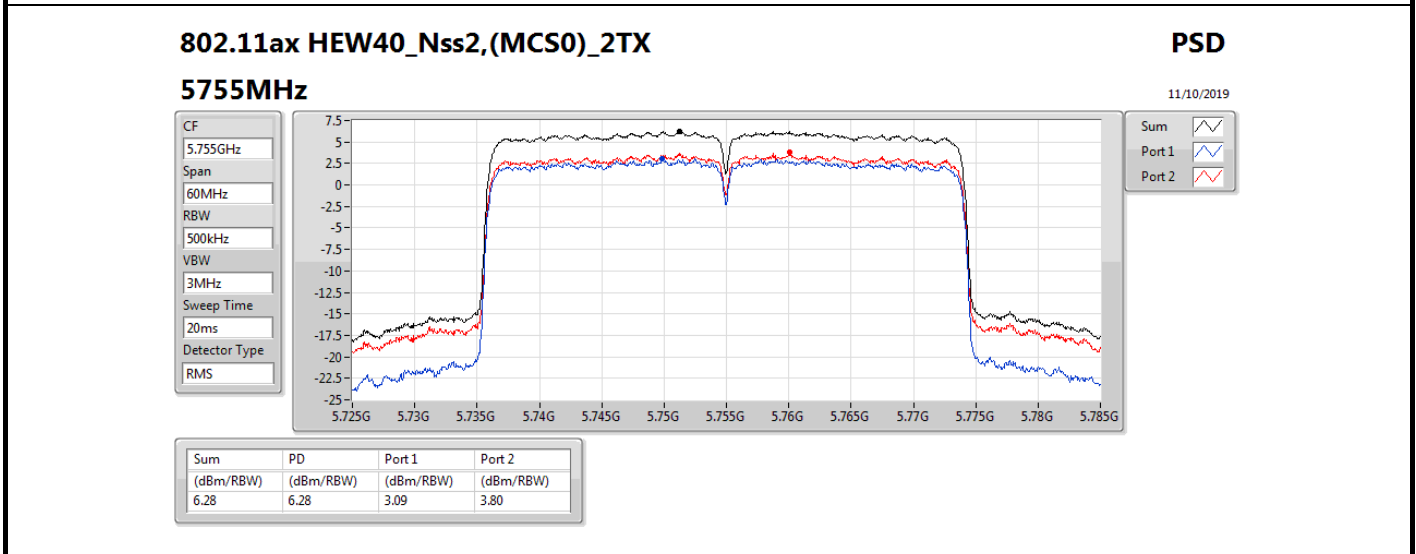
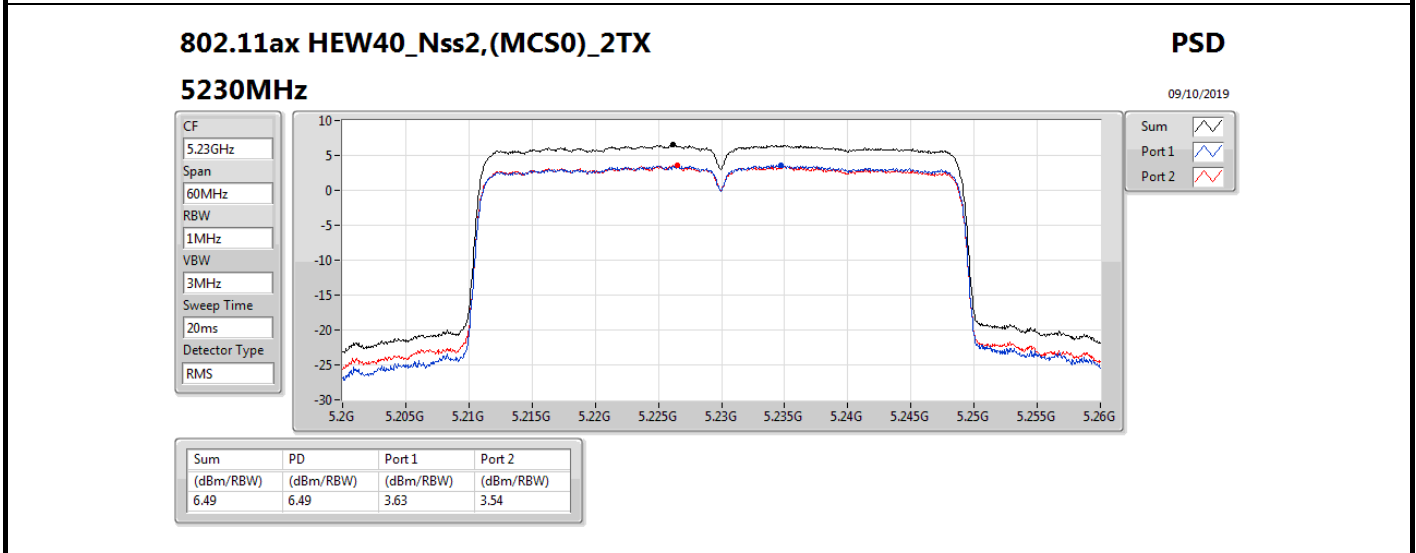
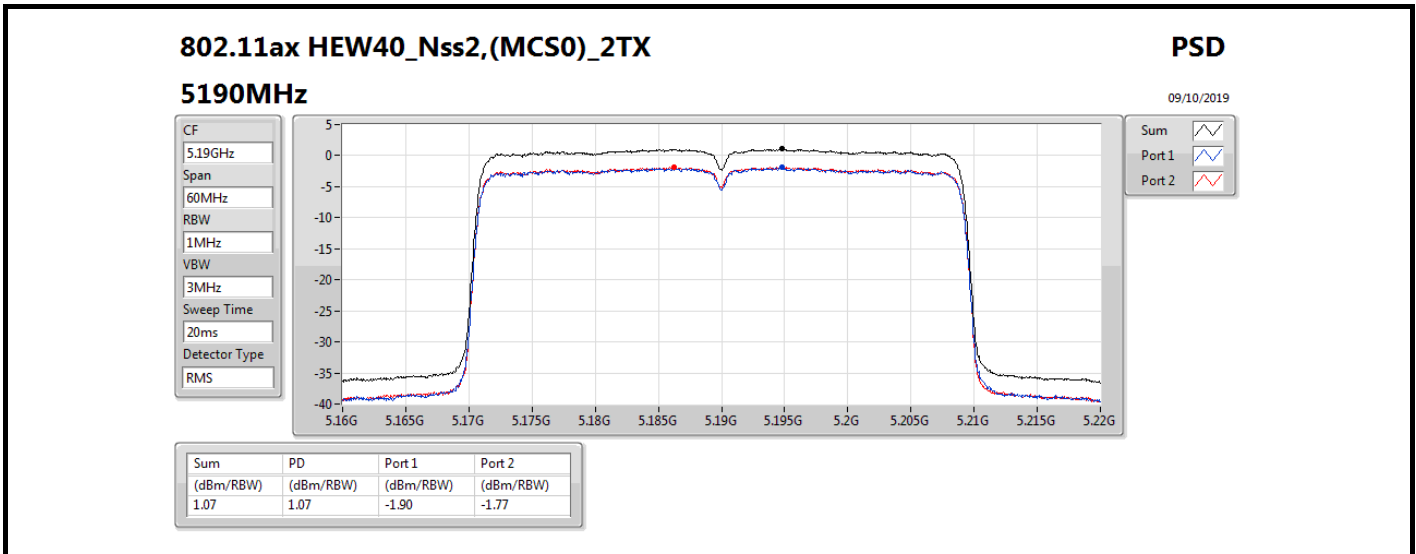


Sum  
Port 1  
Port 2

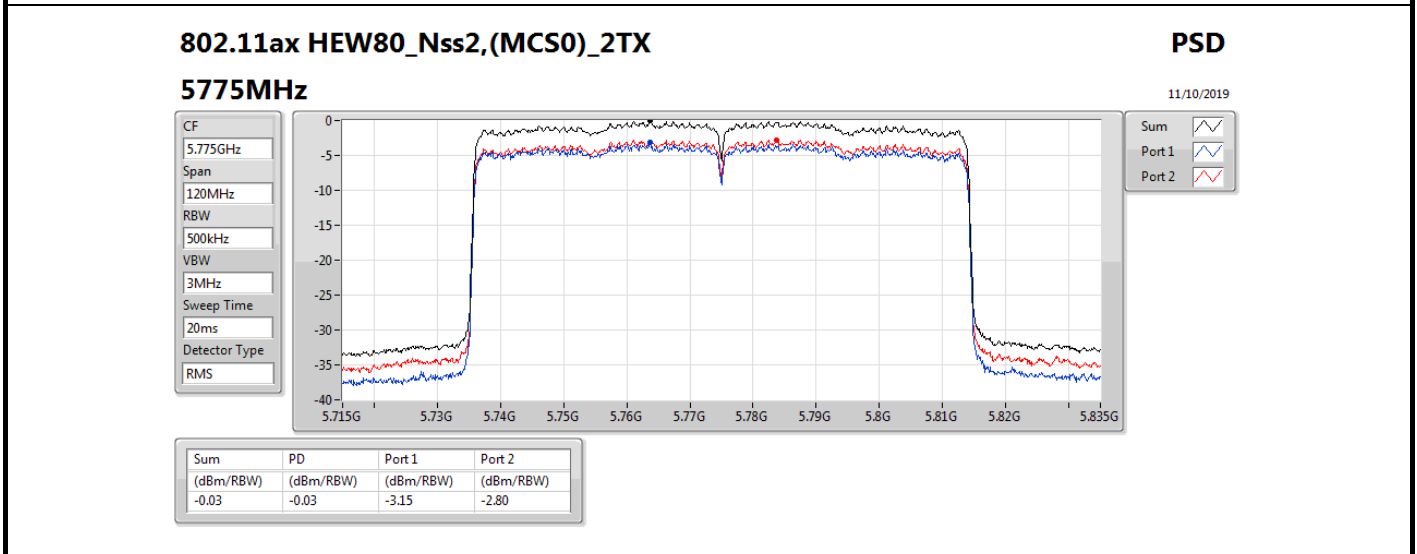
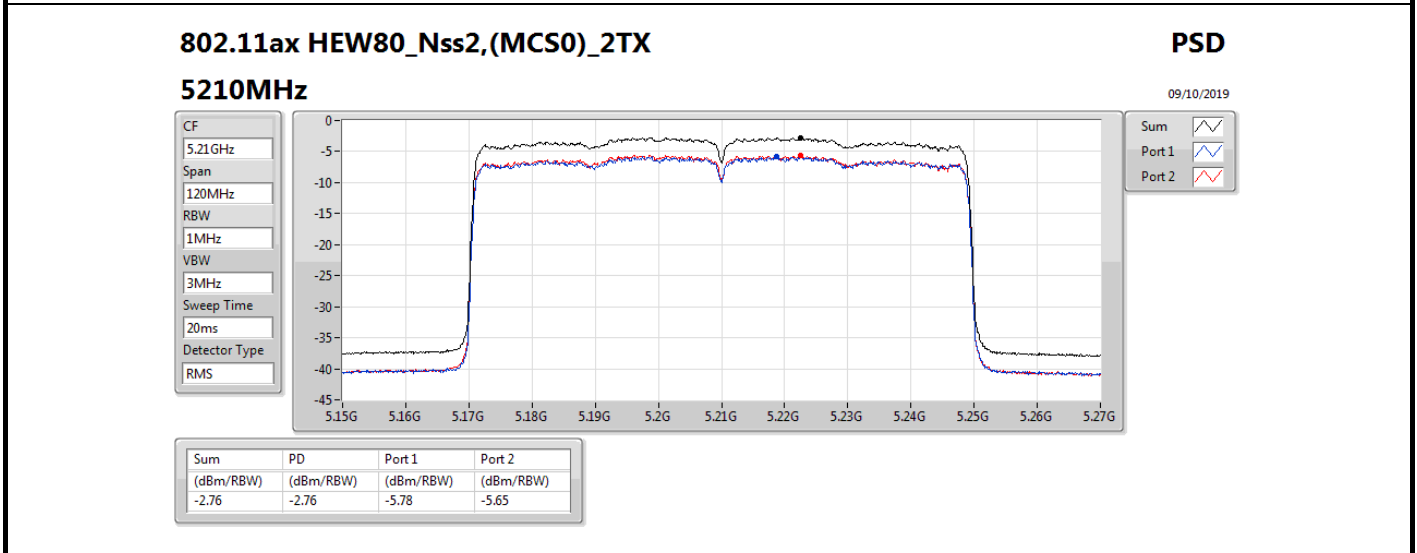
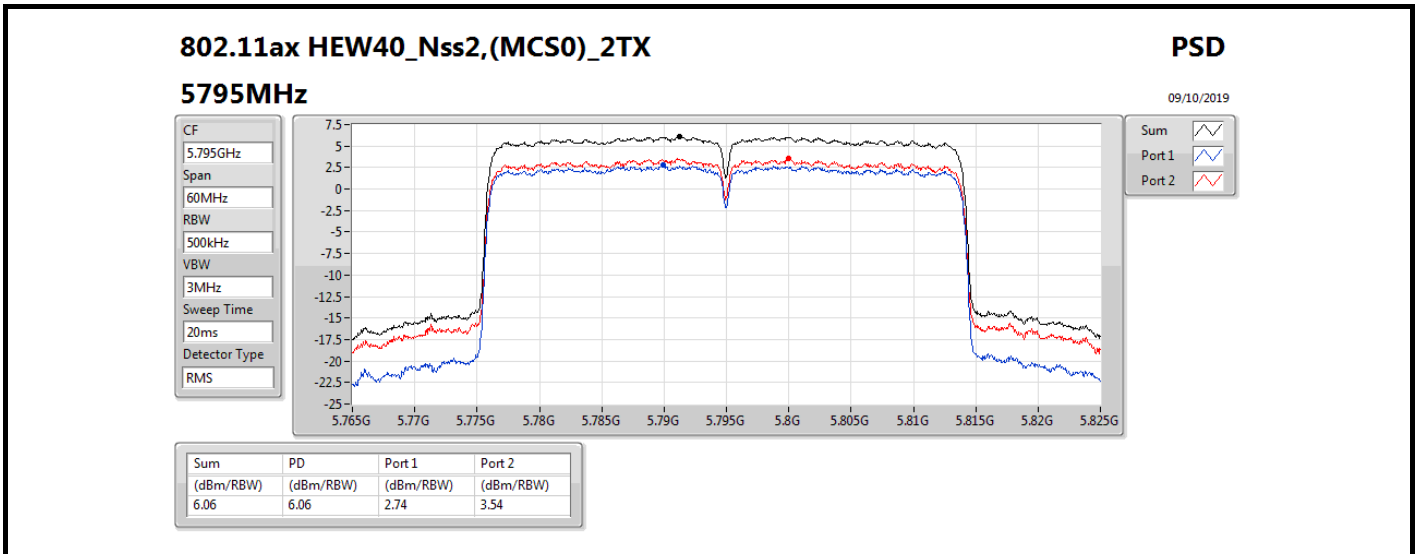
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.10	-0.10	-3.42	-2.63













Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_4TX	5.78
802.11ac VHT20_Nss1,(MCS0)_4TX	5.56
802.11ac VHT40_Nss1,(MCS0)_4TX	5.70
802.11ac VHT80_Nss1,(MCS0)_4TX	-3.17
802.11ax HEW20_Nss1,(MCS0)_4TX	5.77
802.11ax HEW40_Nss1,(MCS0)_4TX	5.87
802.11ax HEW80_Nss1,(MCS0)_4TX	-2.97
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_4TX	11.12
802.11ac VHT20_Nss1,(MCS0)_4TX	10.31
802.11ac VHT40_Nss1,(MCS0)_4TX	7.67
802.11ac VHT80_Nss1,(MCS0)_4TX	-0.32
802.11ax HEW20_Nss1,(MCS0)_4TX	10.23
802.11ax HEW40_Nss1,(MCS0)_4TX	7.36
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.37

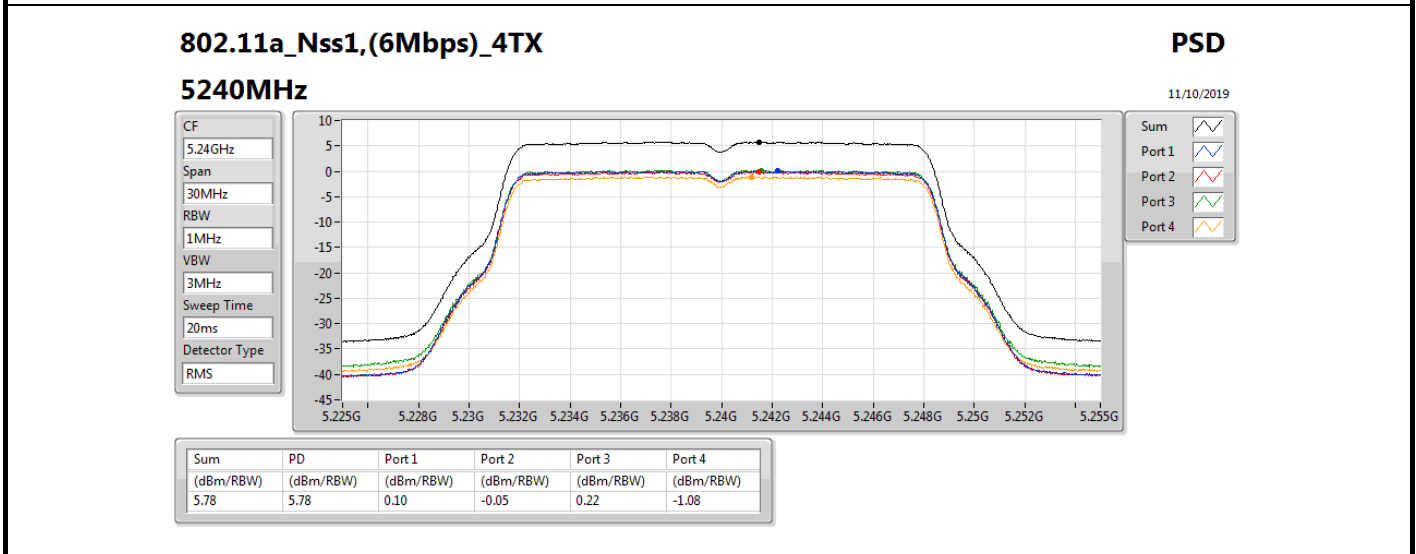
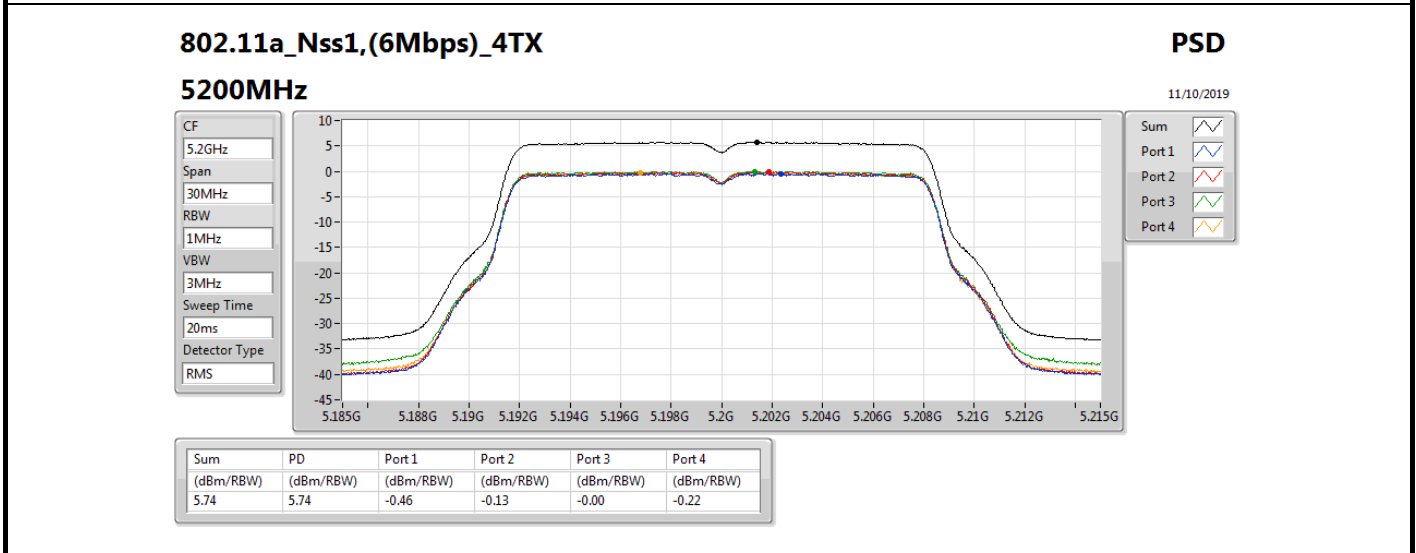
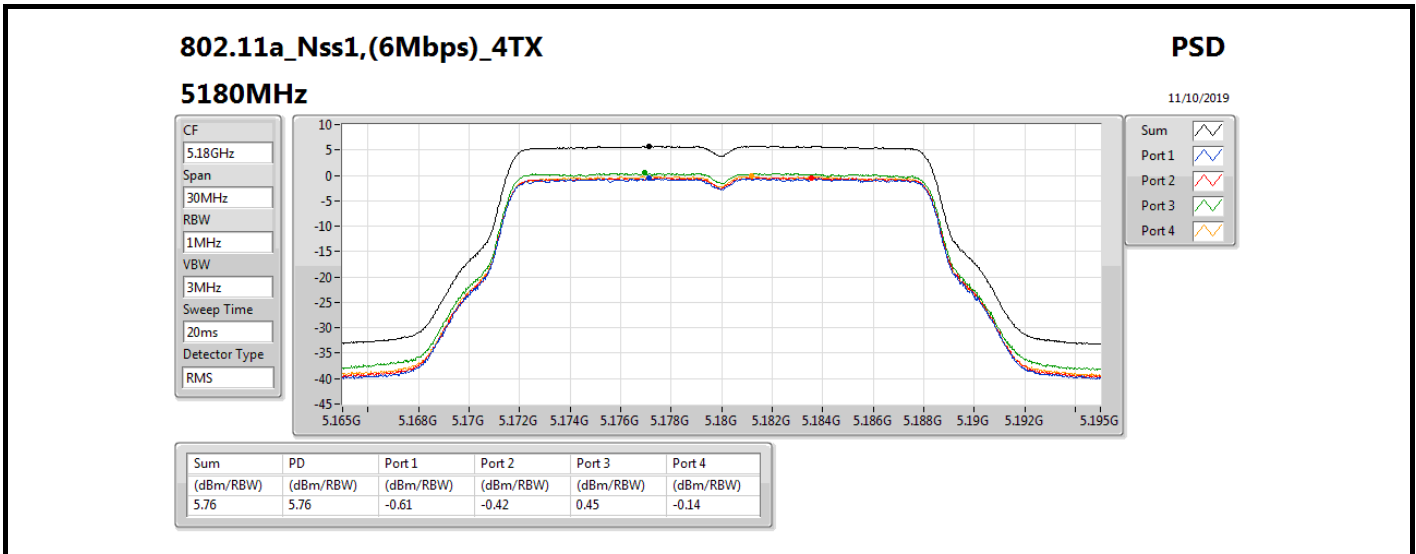
RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

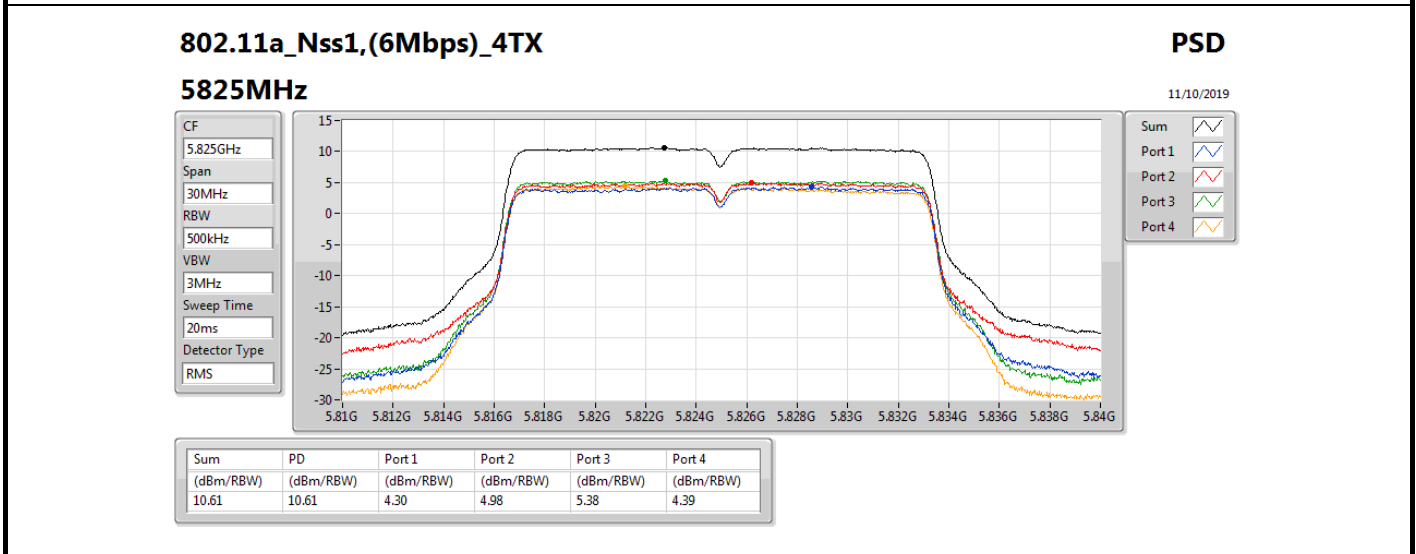
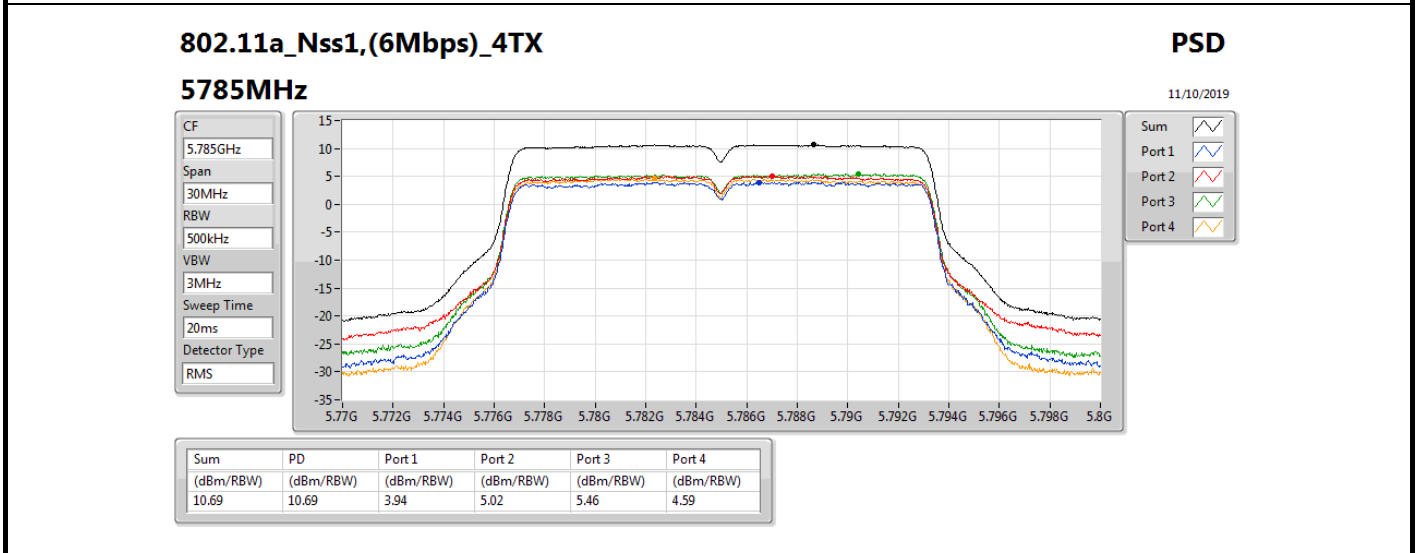
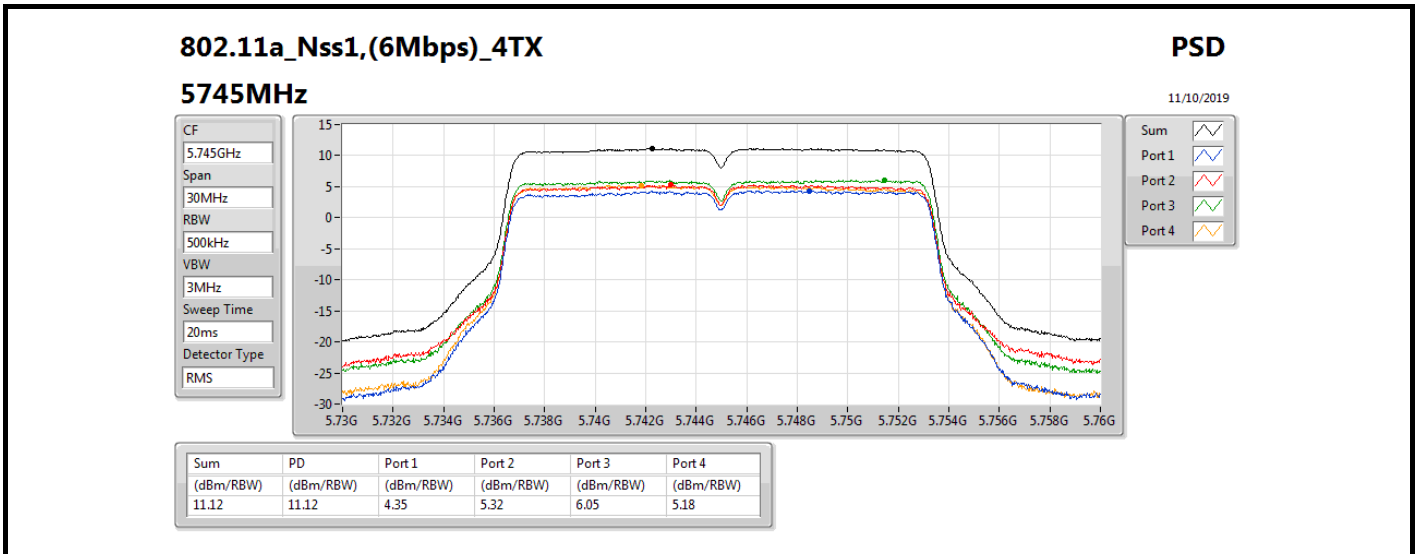


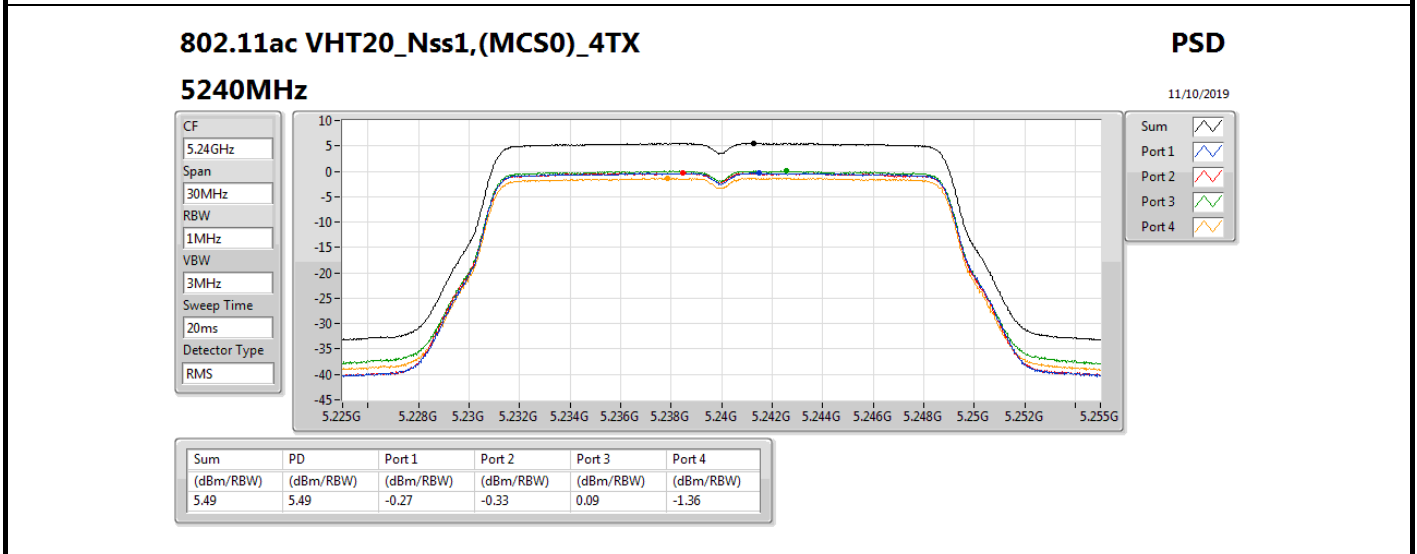
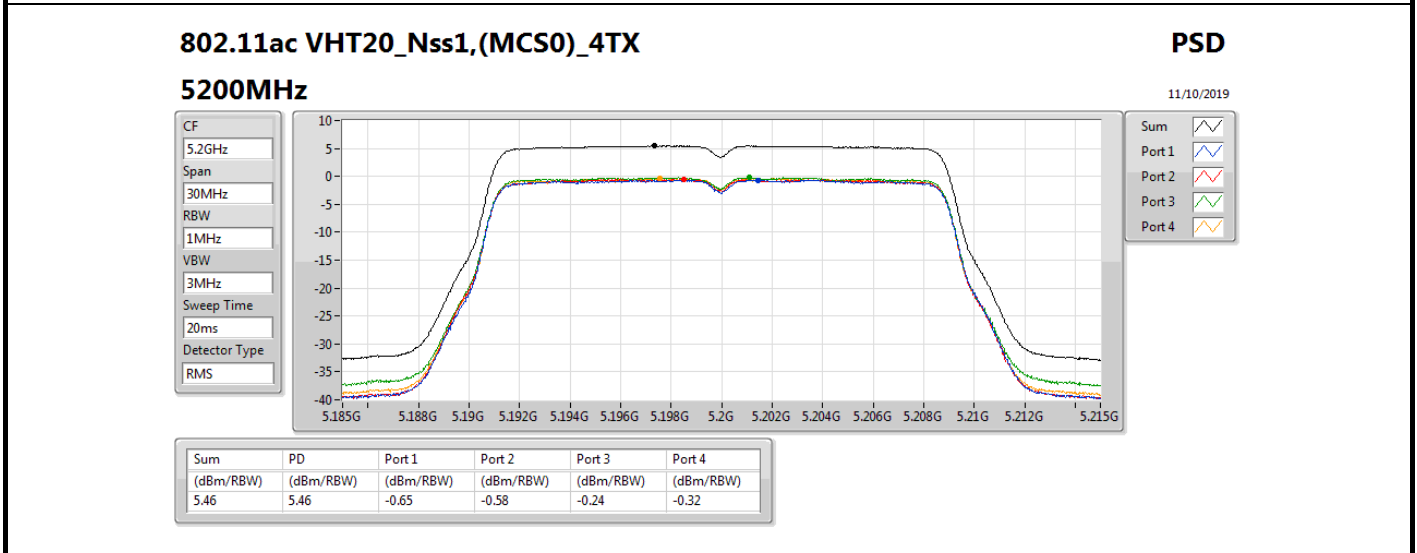
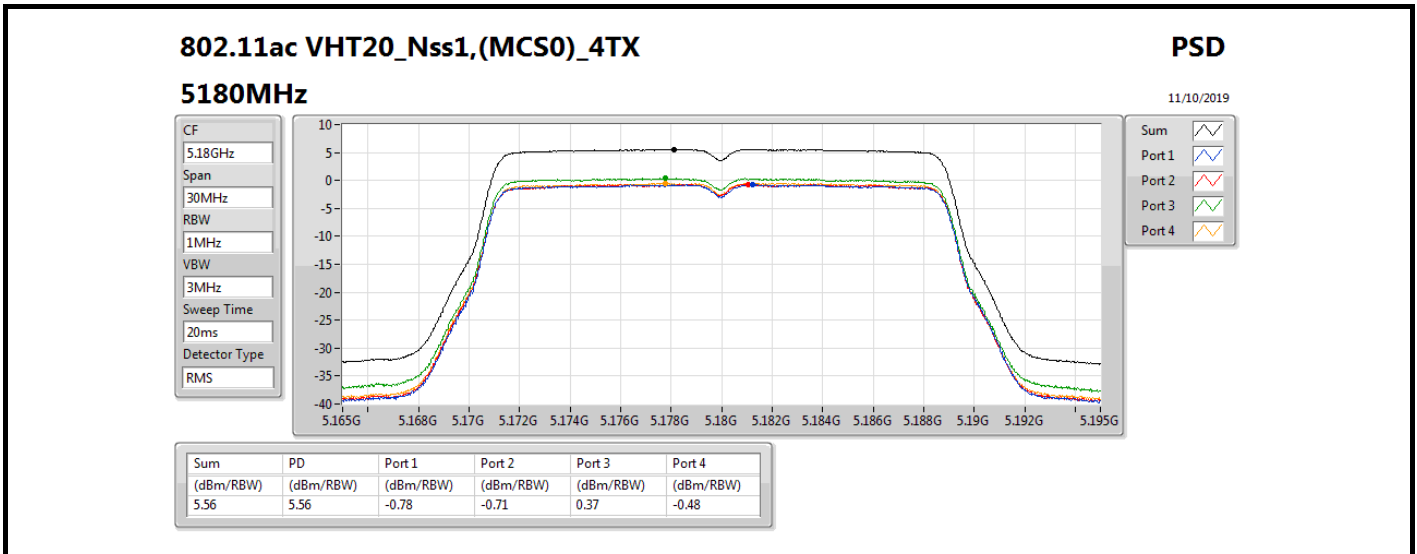
Result

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)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	16.72	-0.61	-0.42	0.45	-0.14	5.76	6.28
5200MHz	Pass	16.72	-0.46	-0.13	-0.00	-0.22	5.74	6.28
5240MHz	Pass	16.72	0.10	-0.05	0.22	-1.08	5.78	6.28
5745MHz	Pass	16.72	4.35	5.32	6.05	5.18	11.12	19.28
5785MHz	Pass	16.72	3.94	5.02	5.46	4.59	10.69	19.28
5825MHz	Pass	16.72	4.30	4.98	5.38	4.39	10.61	19.28
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	16.72	-0.78	-0.71	0.37	-0.48	5.56	6.28
5200MHz	Pass	16.72	-0.65	-0.58	-0.24	-0.32	5.46	6.28
5240MHz	Pass	16.72	-0.27	-0.33	0.09	-1.36	5.49	6.28
5745MHz	Pass	16.72	3.90	4.48	4.84	4.21	10.31	19.28
5785MHz	Pass	16.72	3.71	4.60	4.37	4.26	10.22	19.28
5825MHz	Pass	16.72	4.30	4.71	4.66	3.83	10.20	19.28
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	16.72	-5.26	-5.11	-5.77	-5.38	0.59	6.28
5230MHz	Pass	16.72	0.24	0.16	-0.59	-0.83	5.70	6.28
5755MHz	Pass	16.72	1.01	1.44	0.97	1.30	7.08	19.28
5795MHz	Pass	16.72	1.45	2.34	1.19	1.80	7.67	19.28
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	16.72	-8.97	-9.07	-9.30	-9.13	-3.17	6.28
5775MHz	Pass	16.72	-6.35	-5.64	-6.60	-6.19	-0.32	19.28
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	16.72	-0.73	-0.66	0.70	-0.07	5.72	6.28
5200MHz	Pass	16.72	-0.56	-0.38	0.32	-0.12	5.77	6.28
5240MHz	Pass	16.72	-0.07	-0.35	0.26	-1.00	5.68	6.28
5745MHz	Pass	16.72	3.86	4.35	4.76	4.25	10.23	19.28
5785MHz	Pass	16.72	3.66	4.39	4.19	4.05	10.01	19.28
5825MHz	Pass	16.72	4.18	4.55	4.53	3.64	10.17	19.28
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	16.72	-5.36	-5.27	-5.75	-5.37	0.50	6.28
5230MHz	Pass	16.72	0.40	0.36	-0.49	-0.54	5.87	6.28
5755MHz	Pass	16.72	1.04	1.32	0.75	1.36	7.06	19.28
5795MHz	Pass	16.72	1.36	1.98	1.00	1.65	7.36	19.28
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	16.72	-8.85	-8.85	-9.01	-9.02	-2.97	6.28
5775MHz	Pass	16.72	-6.41	-5.63	-6.74	-6.43	-0.37	19.28

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;







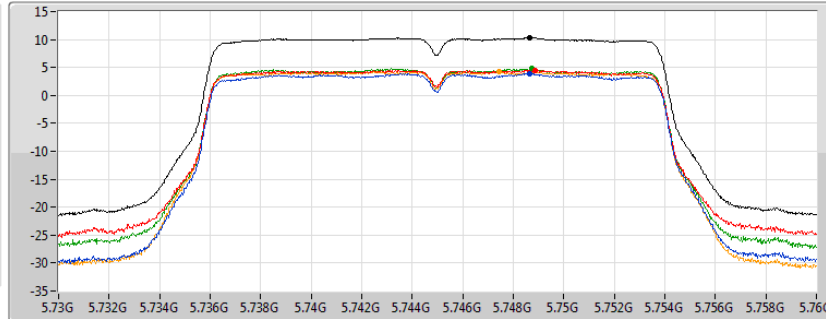
802.11ac VHT20\_Nss1,(MCS0)\_4TX

PSD

5745MHz

11/10/2019

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
10.31	10.31	3.90	4.48	4.84	4.21

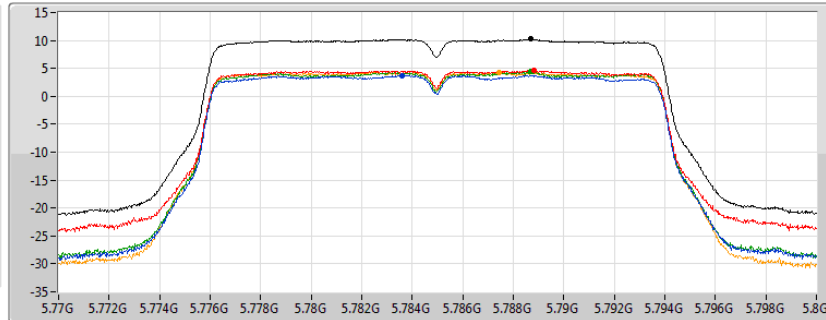
802.11ac VHT20\_Nss1,(MCS0)\_4TX

PSD

5785MHz

11/10/2019

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
10.22	10.22	3.71	4.60	4.37	4.26

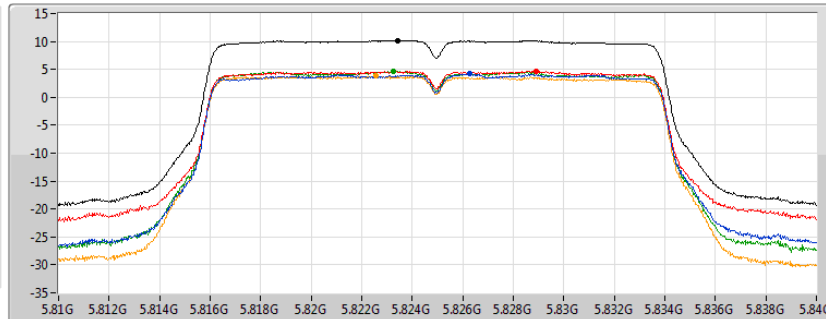
802.11ac VHT20\_Nss1,(MCS0)\_4TX

PSD

5825MHz

11/10/2019

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
10.20	10.20	4.30	4.71	4.66	3.83

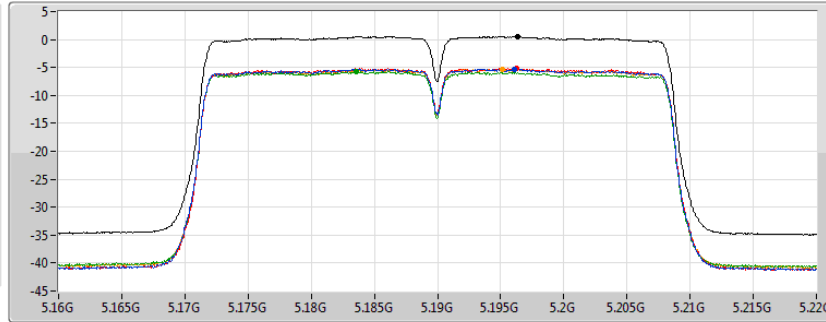
802.11ac VHT40\_Nss1,(MCS0)\_4TX

PSD

5190MHz

11/10/2019

CF  
5.19GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
0.59	0.59	-5.26	-5.11	-5.77	-5.38

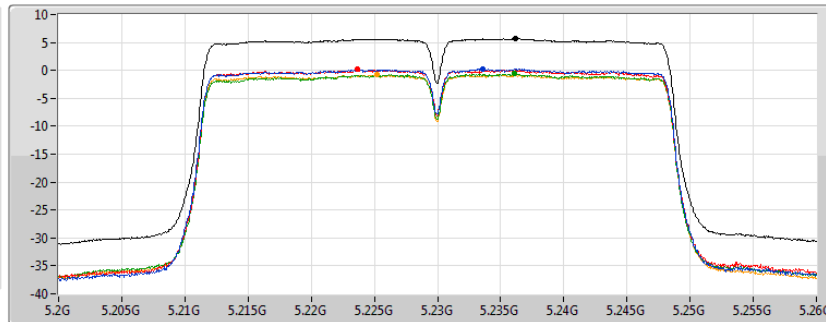
802.11ac VHT40\_Nss1,(MCS0)\_4TX

PSD

5230MHz

11/10/2019

CF  
5.23GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
5.70	5.70	0.24	0.16	-0.59	-0.83

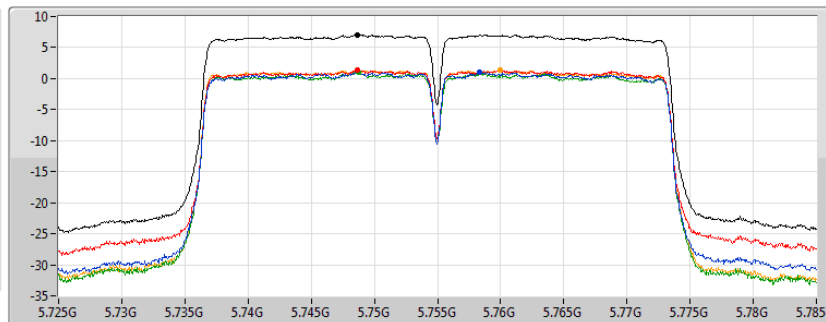
802.11ac VHT40\_Nss1,(MCS0)\_4TX

PSD

5755MHz

11/10/2019

CF  
5.755GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
7.08	7.08	1.01	1.44	0.97	1.30



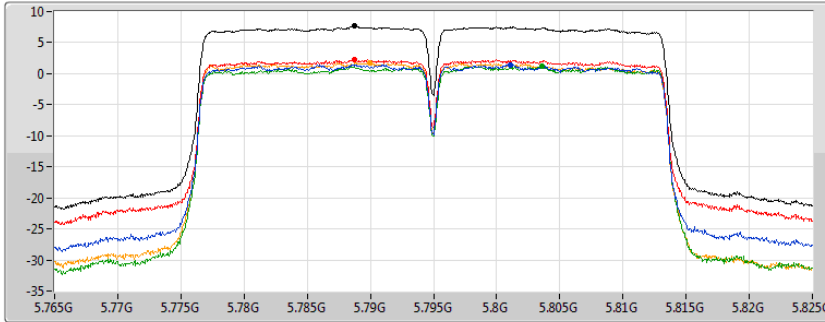
802.11ac VHT40\_Nss1,(MCS0)\_4TX

PSD

5795MHz

11/10/2019

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.67	7.67	1.45	2.34	1.19	1.80

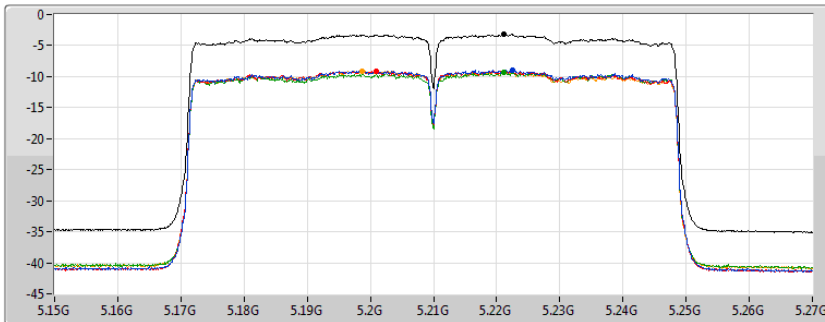
802.11ac VHT80\_Nss1,(MCS0)\_4TX

PSD

5210MHz

11/10/2019

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.17	-3.17	-8.97	-9.07	-9.30	-9.13

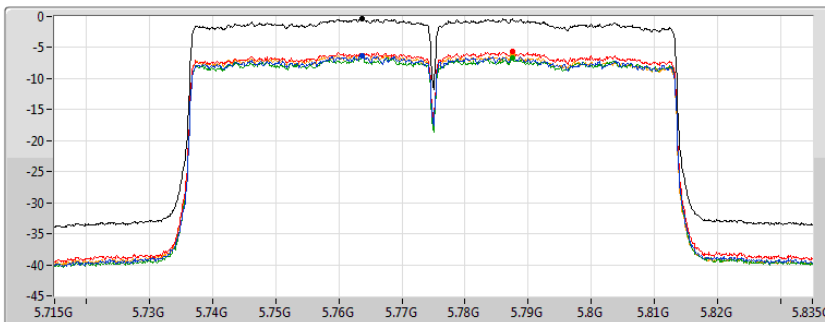
802.11ac VHT80\_Nss1,(MCS0)\_4TX

PSD

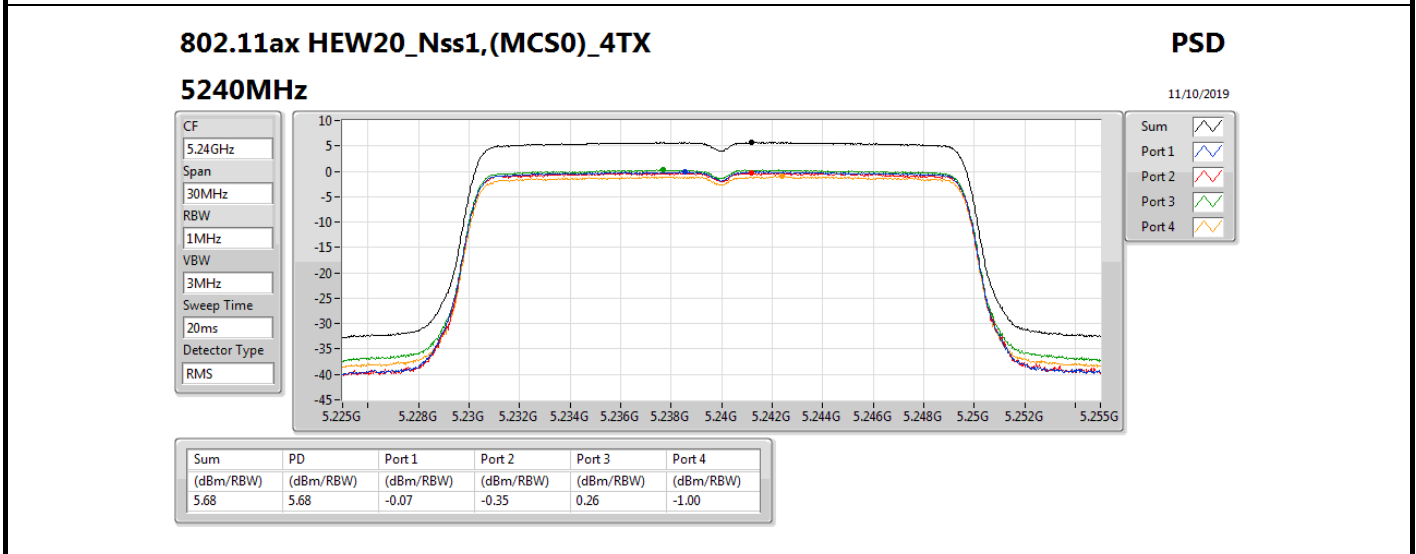
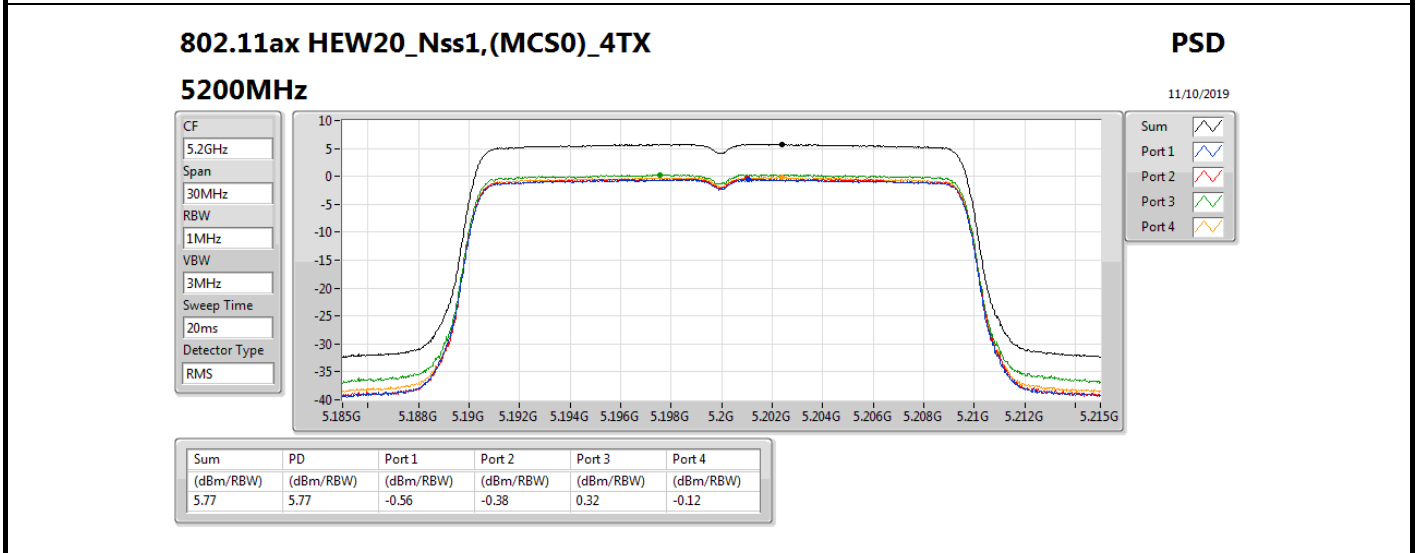
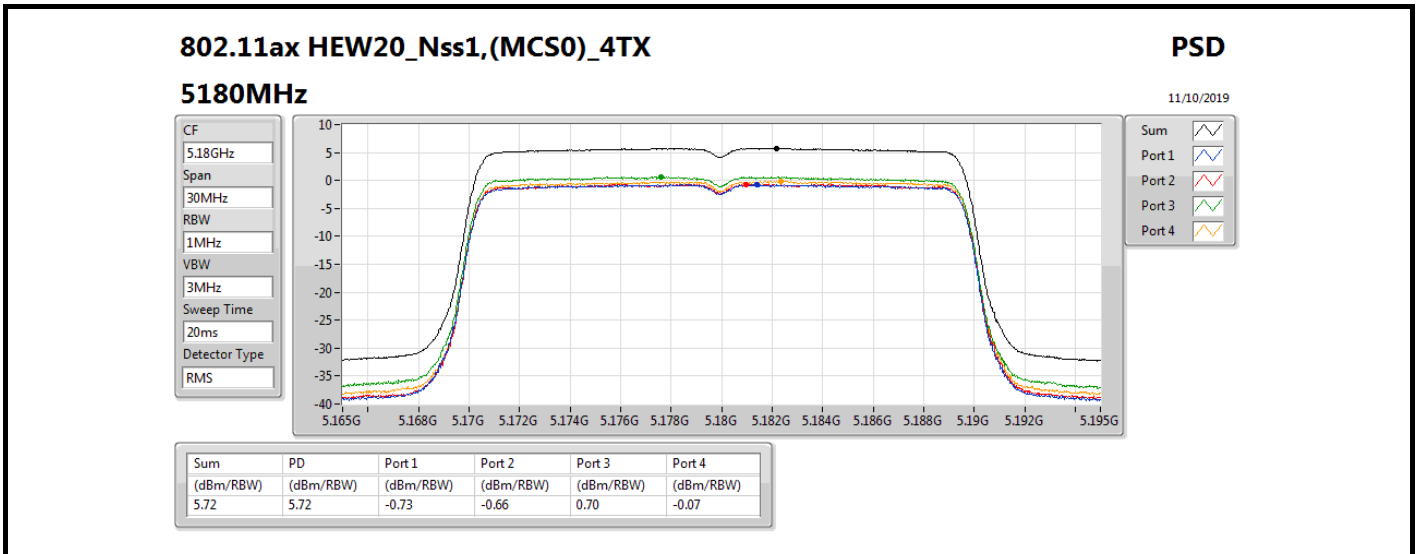
5775MHz

11/10/2019

CF  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.32	-0.32	-6.35	-5.64	-6.60	-6.19



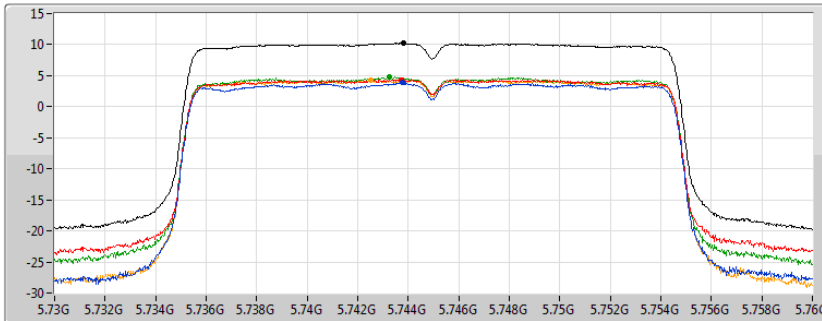
802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

5745MHz

11/10/2019

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
10.23	10.23	3.86	4.35	4.76	4.25

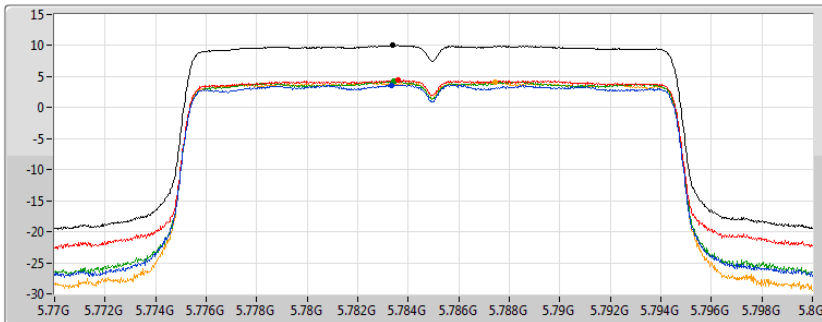
802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

5785MHz

11/10/2019

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
10.01	10.01	3.66	4.39	4.19	4.05

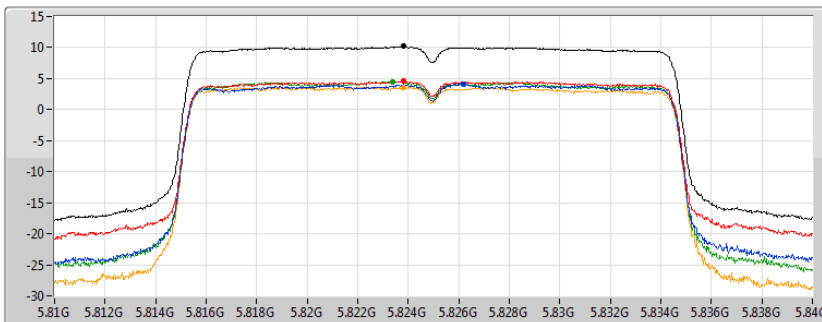
802.11ax HEW20\_Nss1,(MCS0)\_4TX

PSD

5825MHz

11/10/2019

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
10.17	10.17	4.18	4.55	4.53	3.64

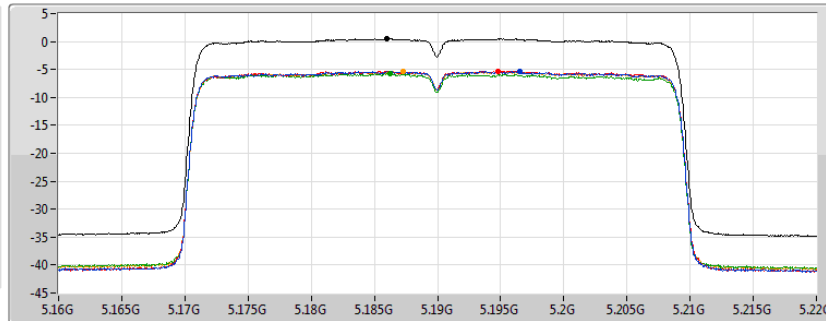
802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5190MHz

11/10/2019

CF  
5.19GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
0.50	0.50	-5.36	-5.27	-5.75	-5.37

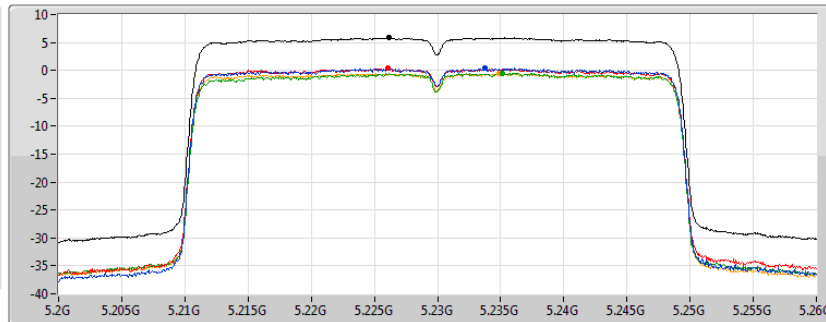
802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5230MHz

11/10/2019

CF  
5.23GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
5.87	5.87	0.40	0.36	-0.49	-0.54

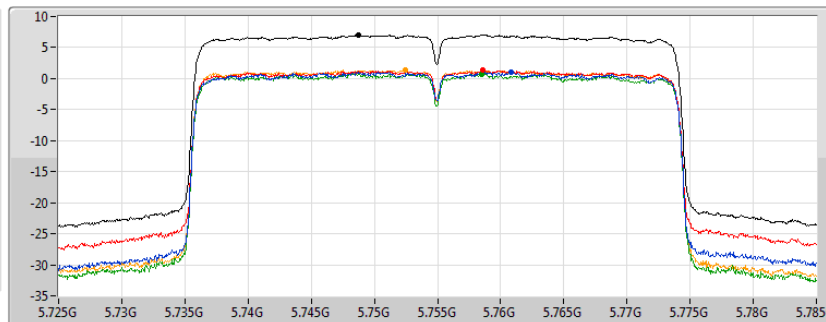
802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5755MHz

11/10/2019

CF  
5.755GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
7.06	7.06	1.04	1.32	0.75	1.36

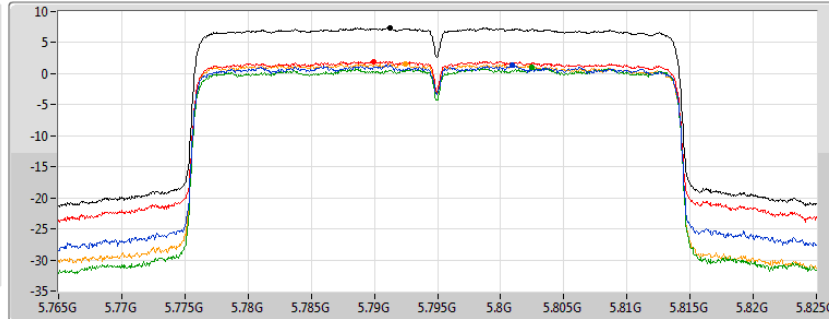
802.11ax HEW40\_Nss1,(MCS0)\_4TX

PSD

5795MHz

11/10/2019

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
7.36	7.36	1.36	1.98	1.00	1.65

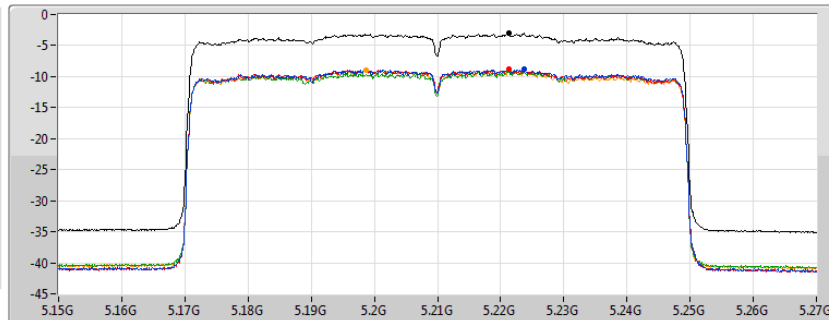
802.11ax HEW80\_Nss1,(MCS0)\_4TX

PSD

5210MHz

11/10/2019

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
-2.97	-2.97	-8.85	-8.85	-9.01	-9.02

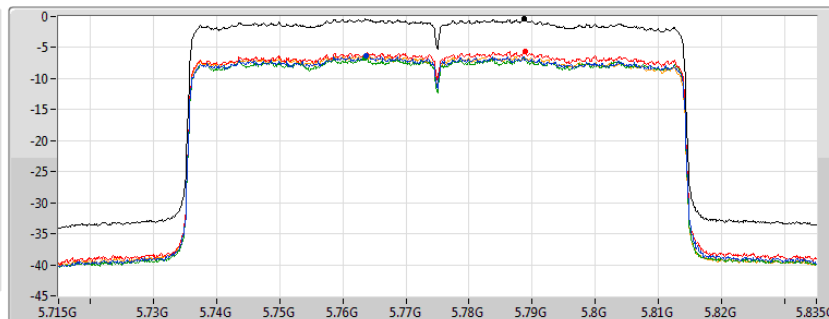
802.11ax HEW80\_Nss1,(MCS0)\_4TX

PSD

5775MHz

11/10/2019

CF  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
-0.37	-0.37	-6.41	-5.63	-6.74	-6.43



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	5.44
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	2.79
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-2.57
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	5.82
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	2.97
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-2.40
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	4.01
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	1.51
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-1.43
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	4.58
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	1.71
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-1.30

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)
802.11ac VHT20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	16.72	-1.09	-0.96	0.02	-0.01	5.44	6.28
5200MHz	Pass	16.72	-0.98	-1.01	-0.26	-0.08	5.29	6.28
5240MHz	Pass	16.72	-0.70	-0.95	-0.46	-0.71	5.25	6.28
5745MHz	Pass	16.72	-2.36	-2.32	-1.84	-1.13	3.99	19.28
5785MHz	Pass	16.72	-1.90	-2.13	-2.13	-1.37	4.01	19.28
5825MHz	Pass	16.72	-1.68	-2.03	-2.24	-1.67	3.96	19.28
802.11ac VHT40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	16.72	-5.04	-5.23	-4.92	-4.40	0.97	6.28
5230MHz	Pass	16.72	-3.03	-3.30	-3.10	-2.98	2.79	6.28
5755MHz	Pass	16.72	-4.57	-4.74	-4.27	-3.75	1.51	19.28
5795MHz	Pass	16.72	-4.30	-4.60	-4.84	-3.89	1.48	19.28
802.11ac VHT80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	16.72	-8.70	-8.65	-8.11	-8.22	-2.57	6.28
5775MHz	Pass	16.72	-7.28	-7.58	-7.29	-6.64	-1.43	19.28
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	16.72	-1.10	-0.52	0.36	0.41	5.76	6.28
5200MHz	Pass	16.72	-0.72	-0.38	0.21	0.41	5.82	6.28
5240MHz	Pass	16.72	-0.17	-0.37	0.08	-0.13	5.78	6.28
5745MHz	Pass	16.72	-2.00	-1.65	-1.19	-0.55	4.58	19.28
5785MHz	Pass	16.72	-1.63	-1.94	-1.92	-1.02	4.28	19.28
5825MHz	Pass	16.72	-1.39	-1.63	-1.97	-1.47	4.28	19.28
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	16.72	-5.05	-4.88	-4.45	-4.14	1.25	6.28
5230MHz	Pass	16.72	-2.92	-2.91	-2.94	-2.76	2.97	6.28
5755MHz	Pass	16.72	-4.57	-4.30	-4.16	-3.49	1.67	19.28
5795MHz	Pass	16.72	-4.01	-4.29	-4.56	-3.58	1.71	19.28
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	16.72	-8.65	-8.68	-7.96	-8.08	-2.40	6.28
5775MHz	Pass	16.72	-7.39	-7.71	-7.16	-6.34	-1.30	19.28

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;

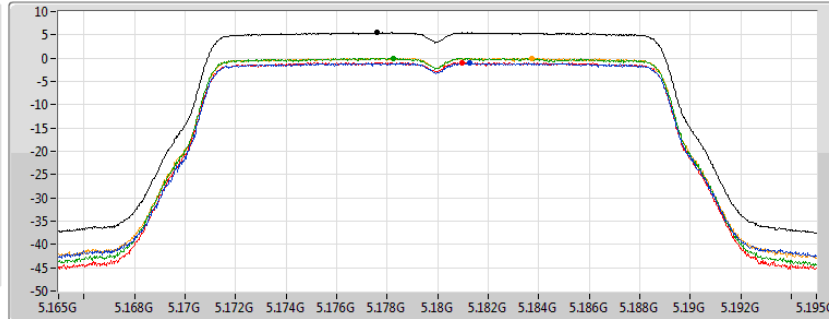
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

PSD

5180MHz

14/10/2019

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
5.44	5.44	-1.09	-0.96	0.02	-0.01

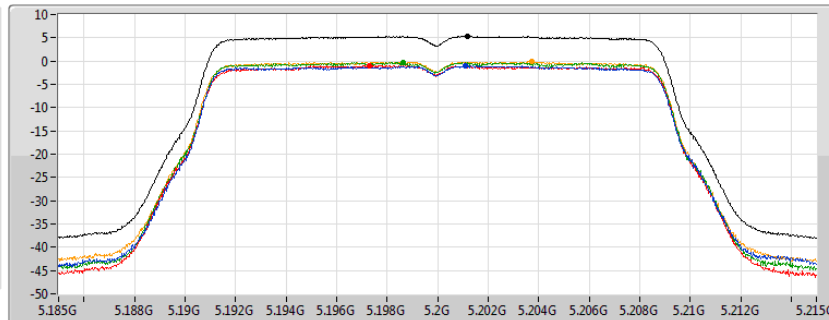
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

PSD

5200MHz

14/10/2019

CF  
5.2GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
5.29	5.29	-0.98	-1.01	-0.26	-0.08

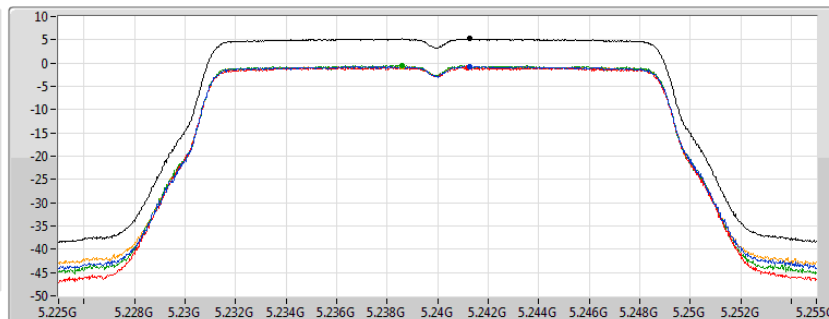
802.11ac VHT20-BF\_Nss1,(MCS0)\_4TX

PSD

5240MHz

14/10/2019

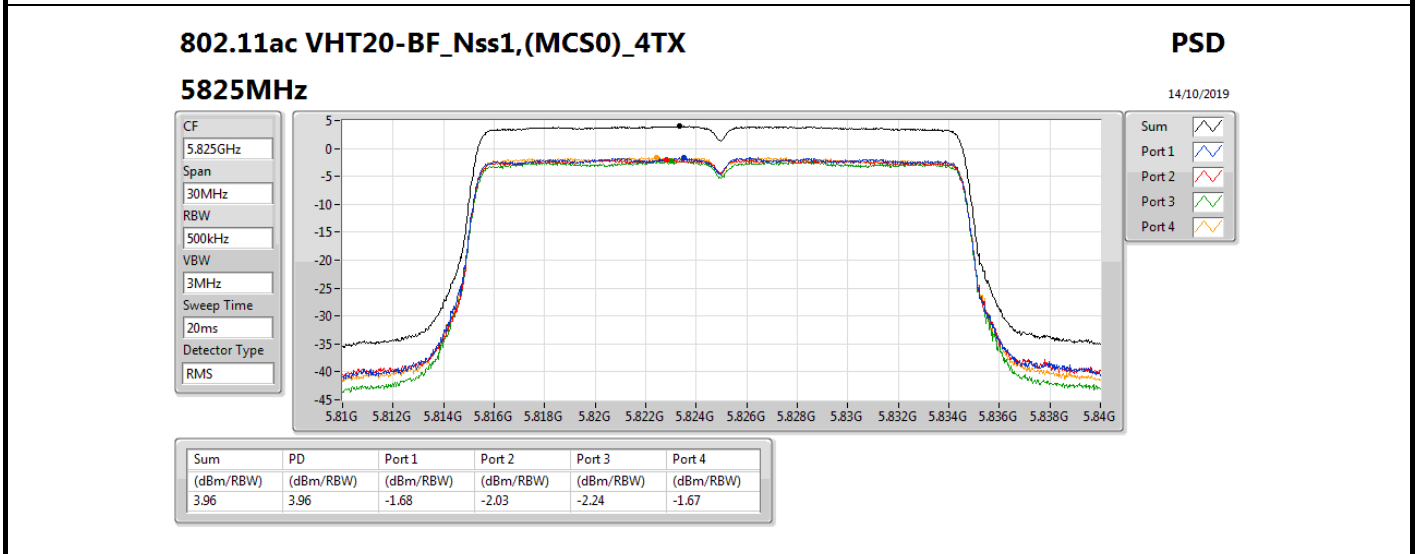
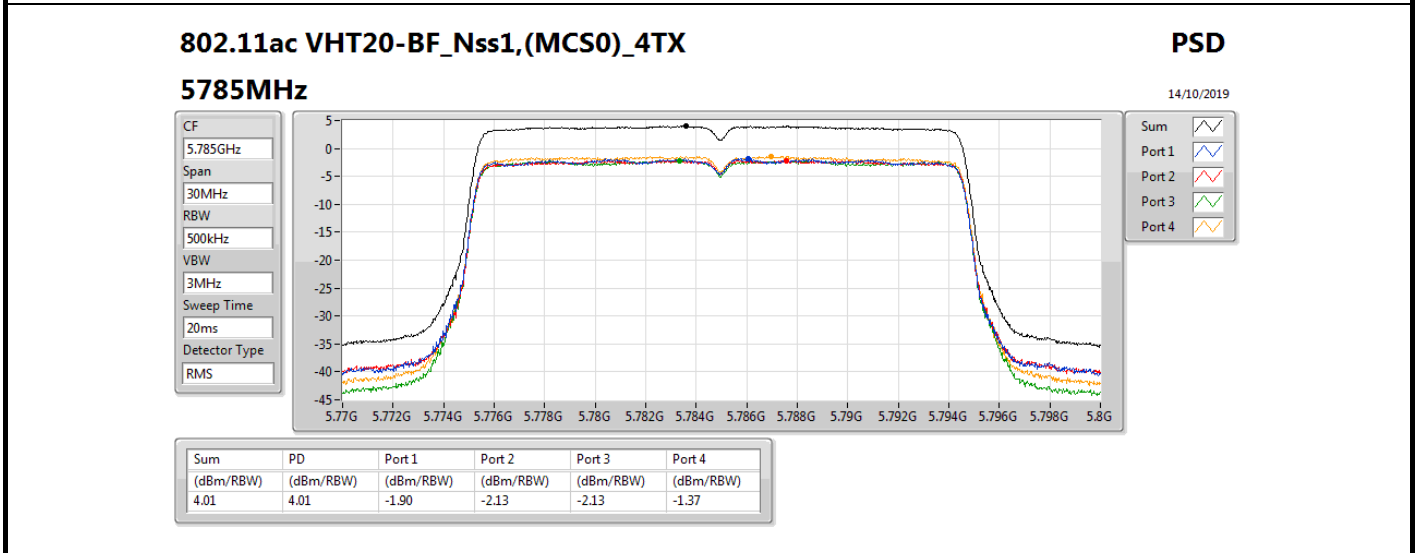
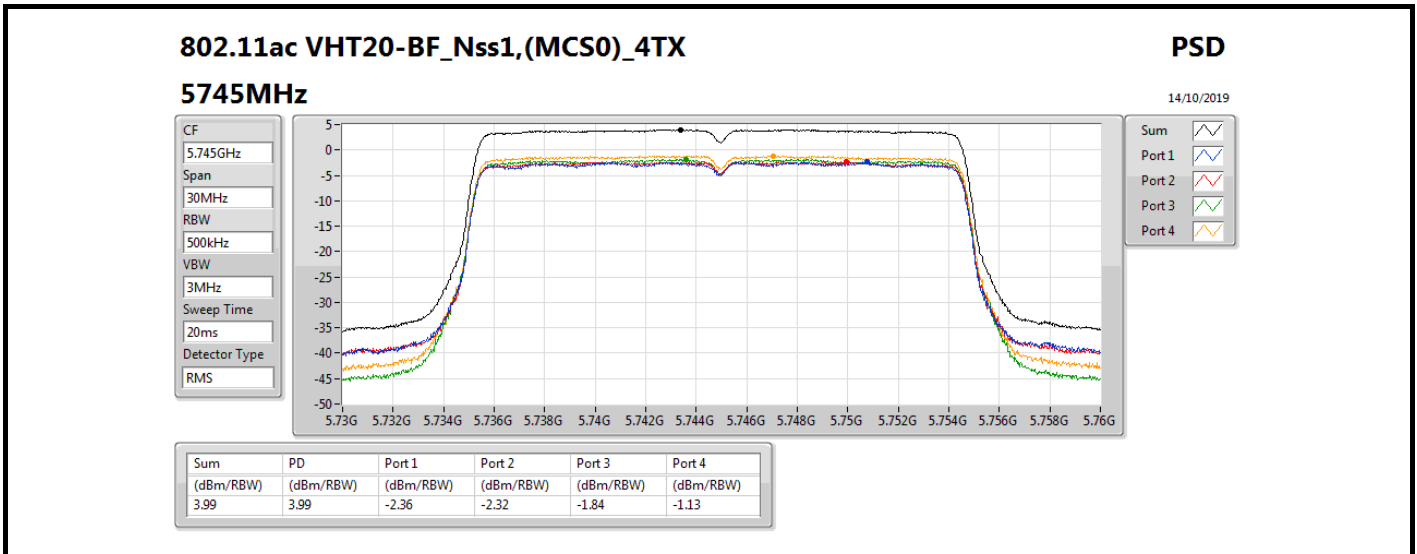
CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



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)
5.25	5.25	-0.70	-0.95	-0.46	-0.71





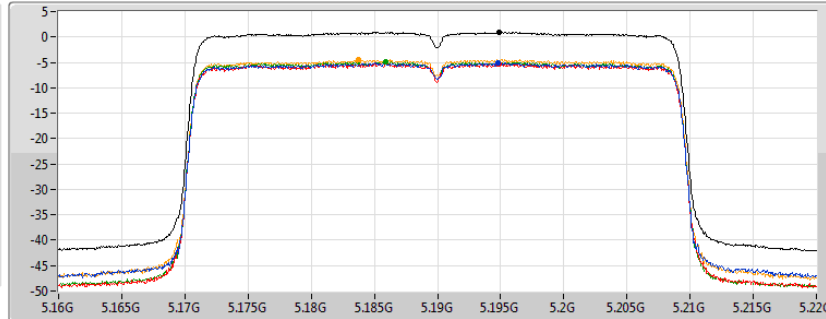
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

PSD

5190MHz

14/10/2019

CF  
5.19GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
0.97	0.97	-5.04	-5.23	-4.92	-4.40

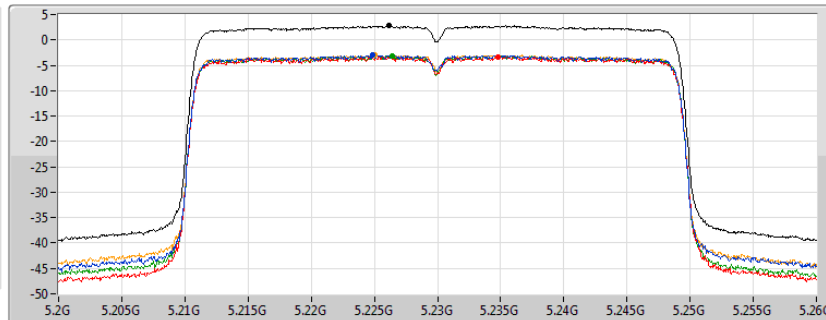
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

PSD

5230MHz

14/10/2019

CF  
5.23GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
2.79	2.79	-3.03	-3.30	-3.10	-2.98

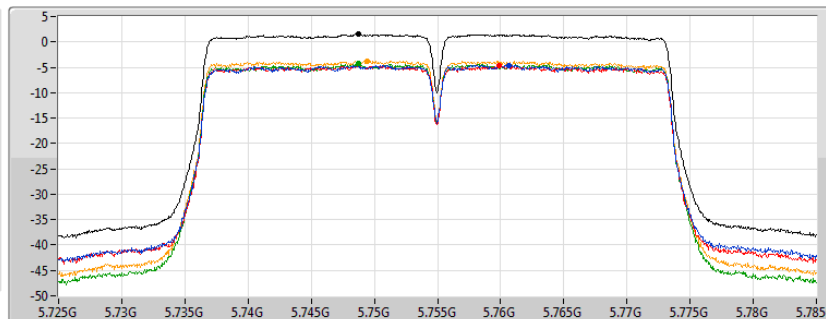
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

PSD

5755MHz

14/10/2019

CF  
5.755GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
1.51	1.51	-4.57	-4.74	-4.27	-3.75

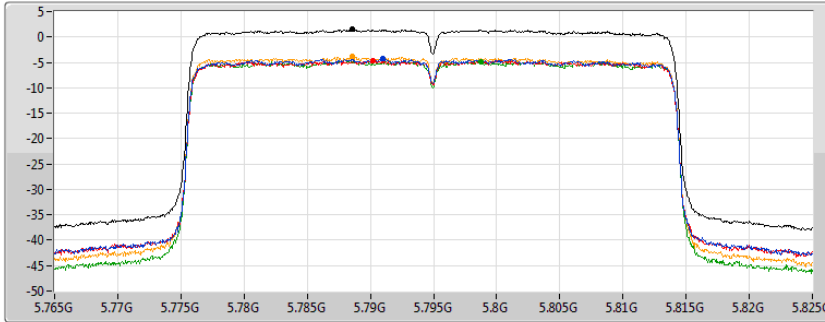
802.11ac VHT40-BF\_Nss1,(MCS0)\_4TX

PSD

5795MHz

14/10/2019

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
1.48	1.48	-4.30	-4.60	-4.84	-3.89

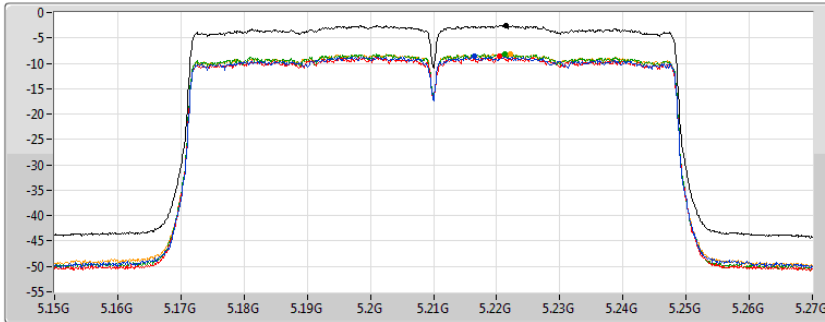
802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

PSD

5210MHz

14/10/2019

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
-2.57	-2.57	-8.70	-8.65	-8.11	-8.22

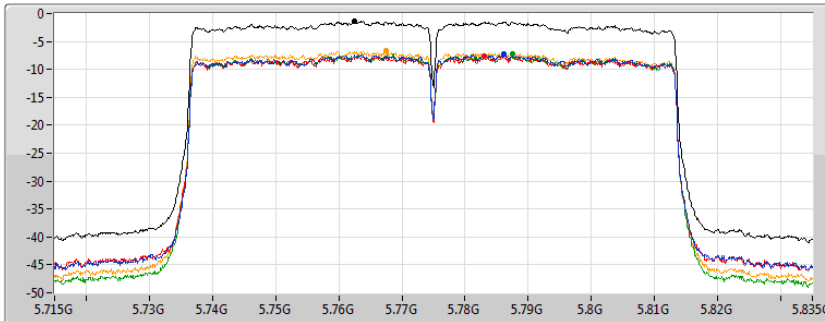
802.11ac VHT80-BF\_Nss1,(MCS0)\_4TX

PSD

5775MHz

14/10/2019

CF  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
-1.43	-1.43	-7.28	-7.58	-7.29	-6.64

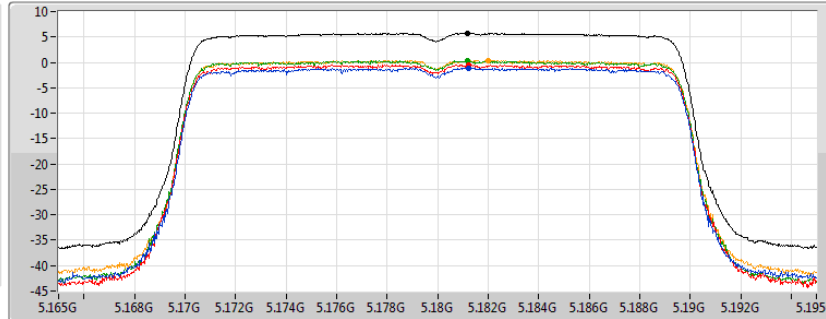
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

PSD

5180MHz

14/10/2019

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
5.76	5.76	-1.10	-0.52	0.36	0.41

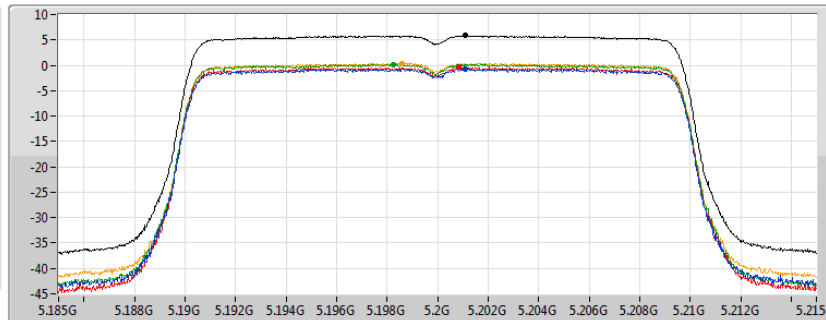
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

PSD

5200MHz

14/10/2019

CF  
5.2GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
5.82	5.82	-0.72	-0.38	0.21	0.41

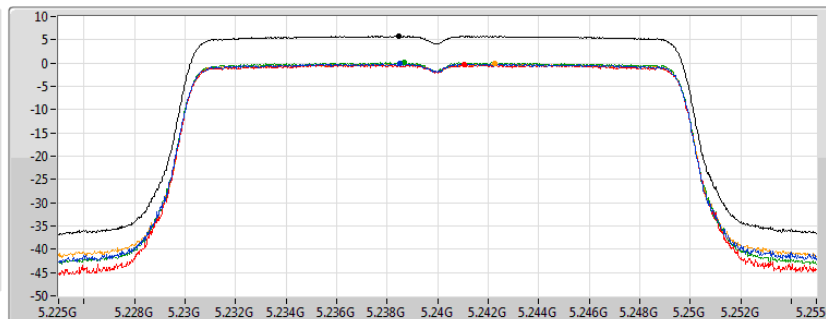
802.11ax HEW20-BF\_Nss1,(MCS0)\_4TX

PSD

5240MHz

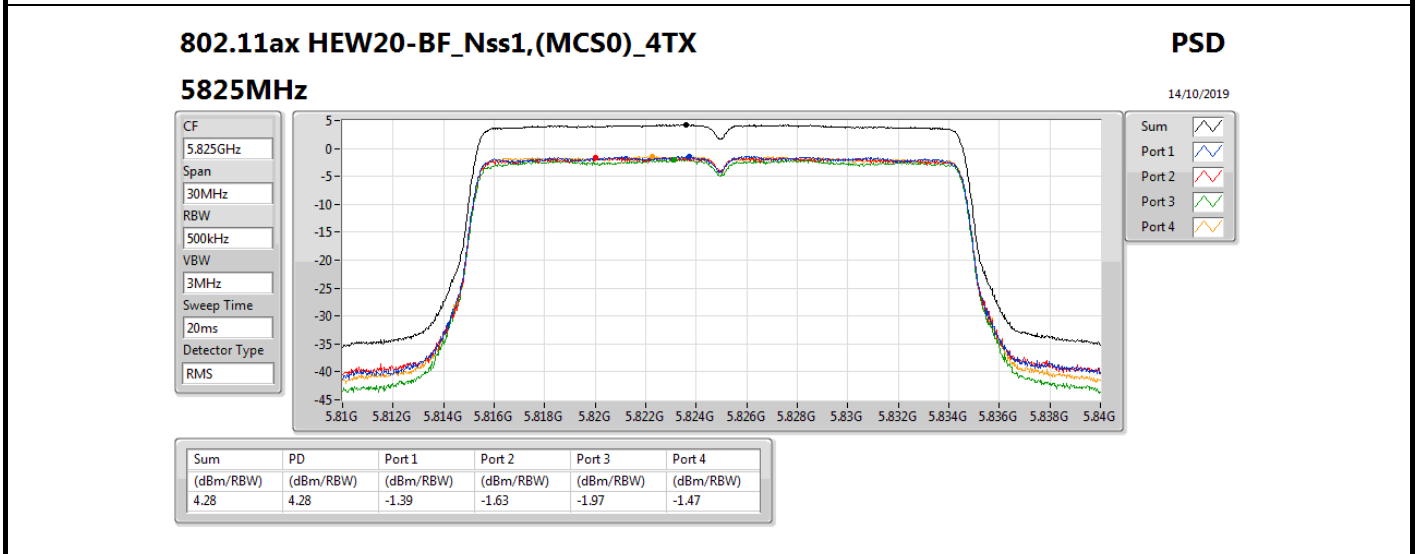
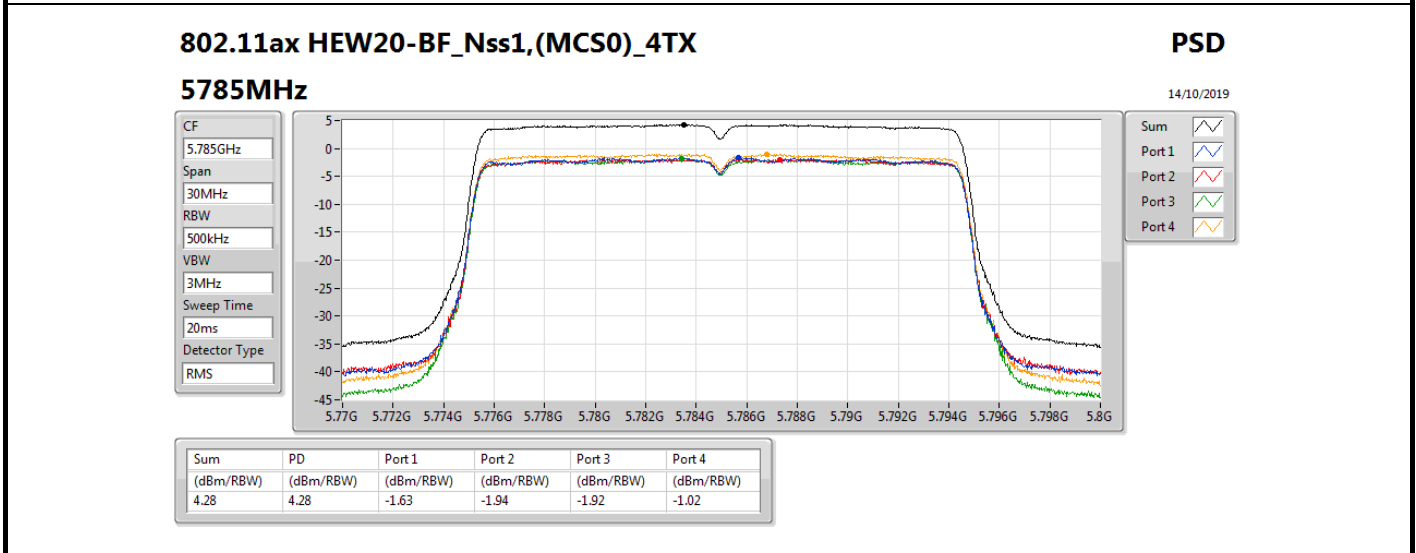
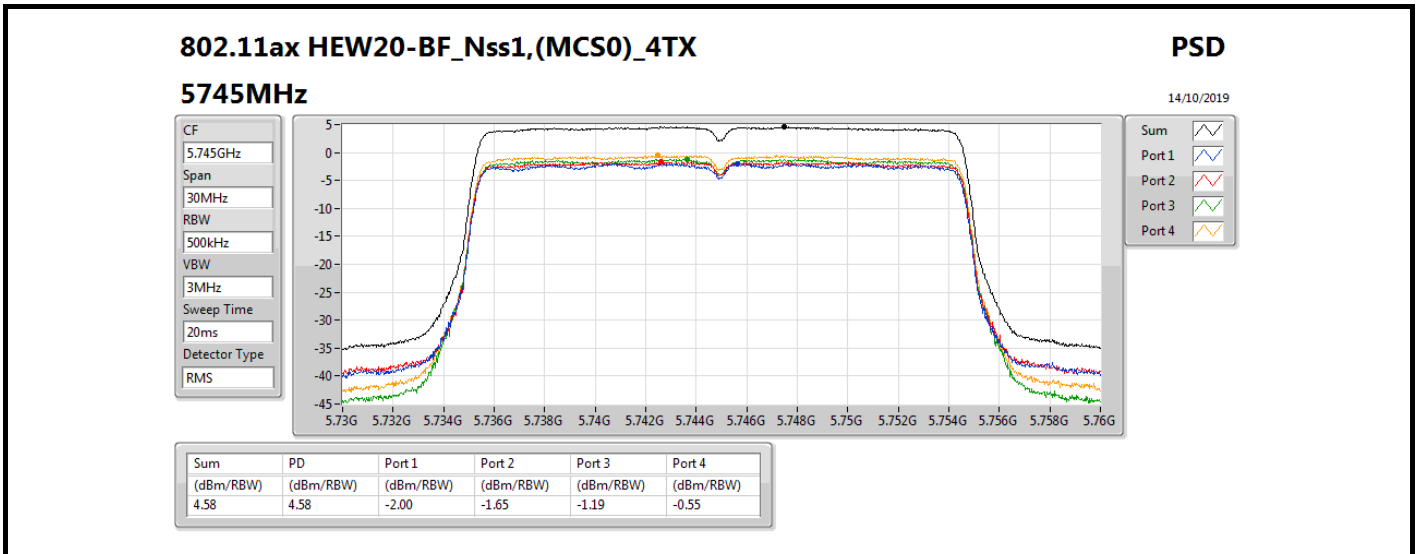
14/10/2019

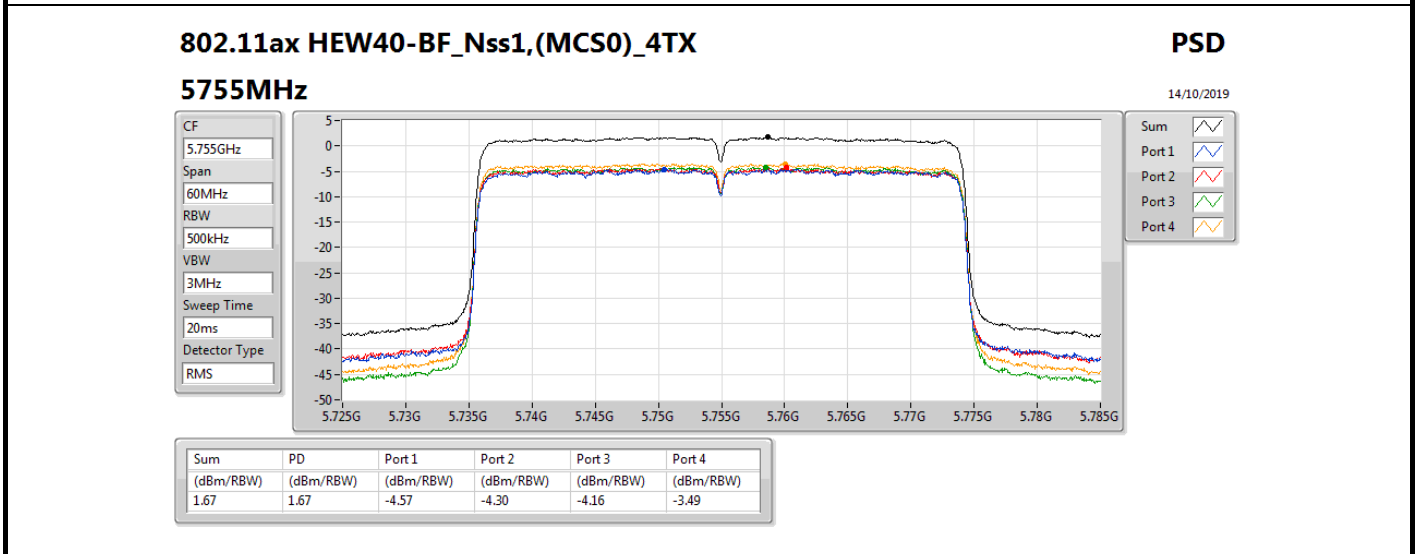
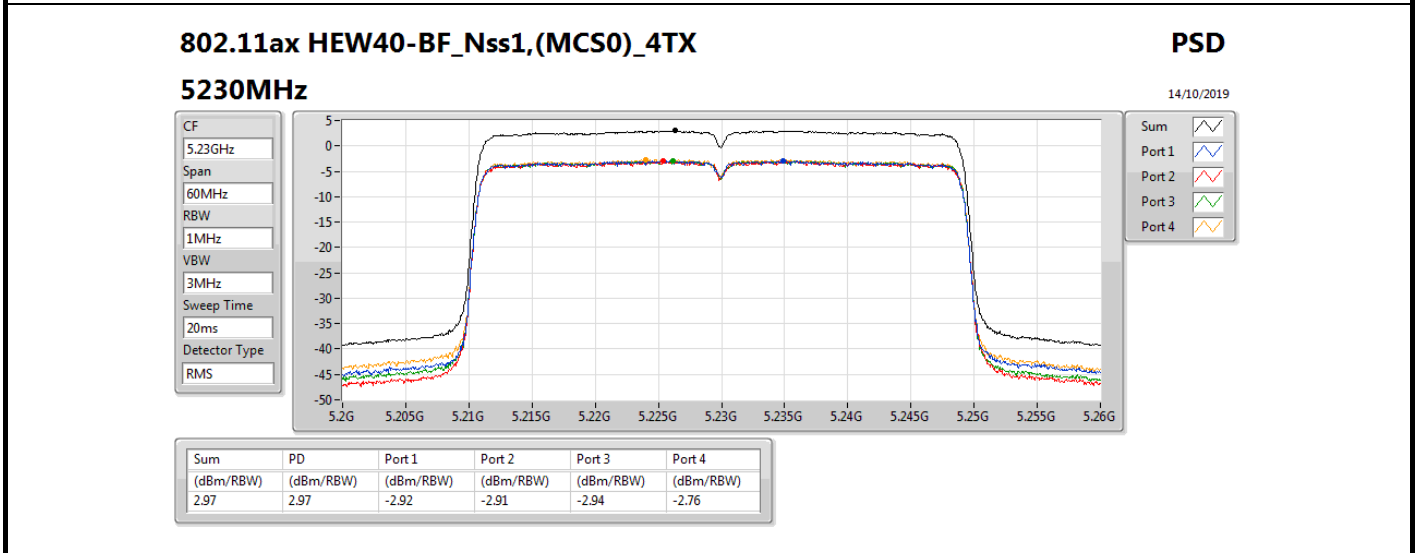
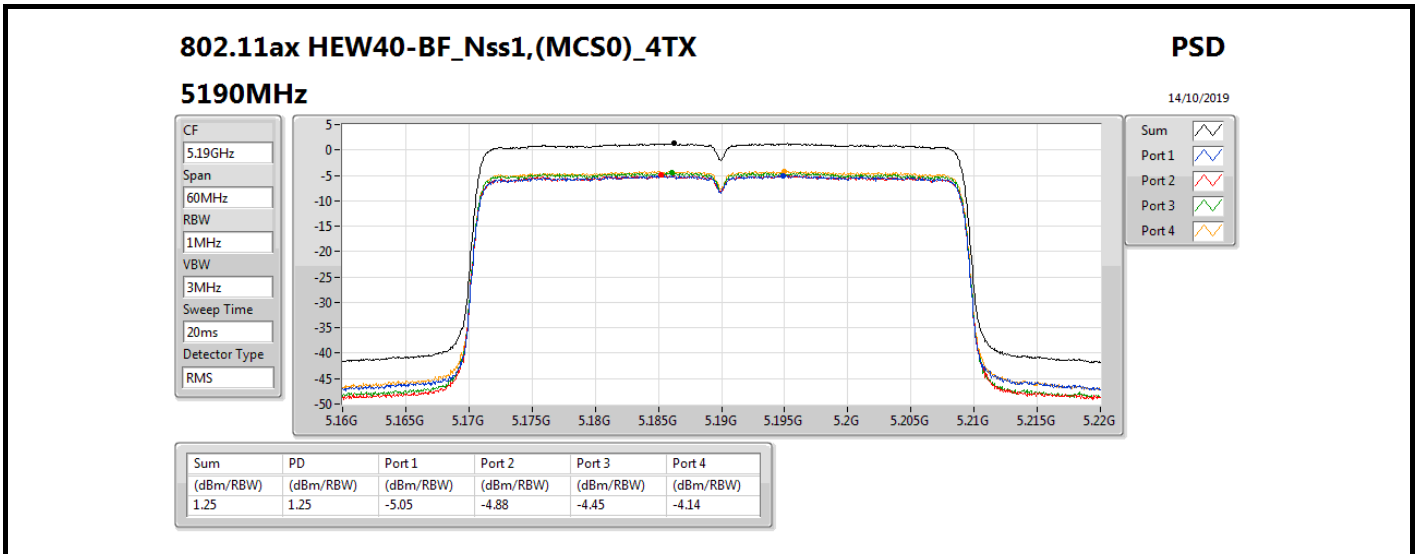
CF  
5.24GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



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)
5.78	5.78	-0.17	-0.37	0.08	-0.13





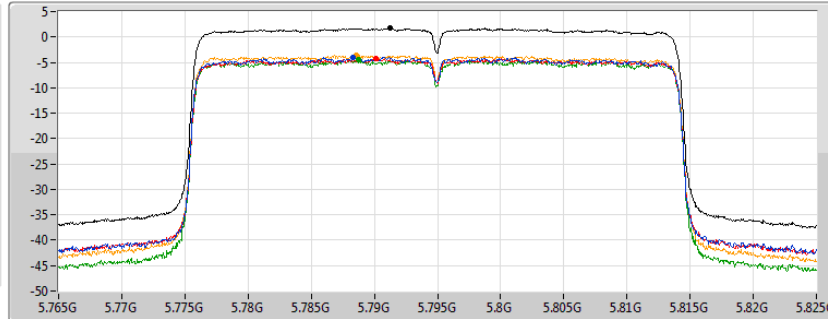
802.11ax HEW40-BF\_Nss1,(MCS0)\_4TX

PSD

5795MHz

14/10/2019

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.71	1.71	-4.01	-4.29	-4.56	-3.58

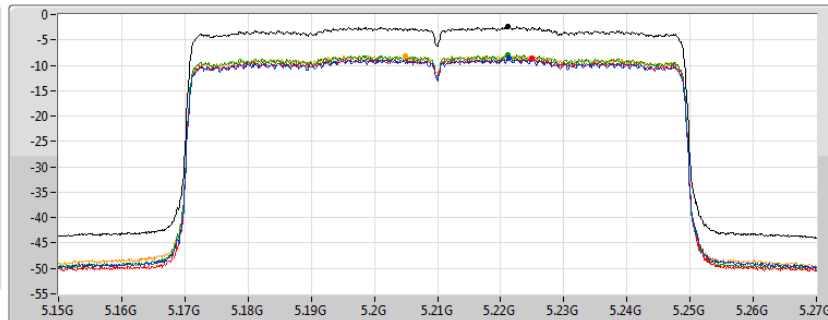
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

PSD

5210MHz

14/10/2019

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.40	-2.40	-8.65	-8.68	-7.96	-8.08

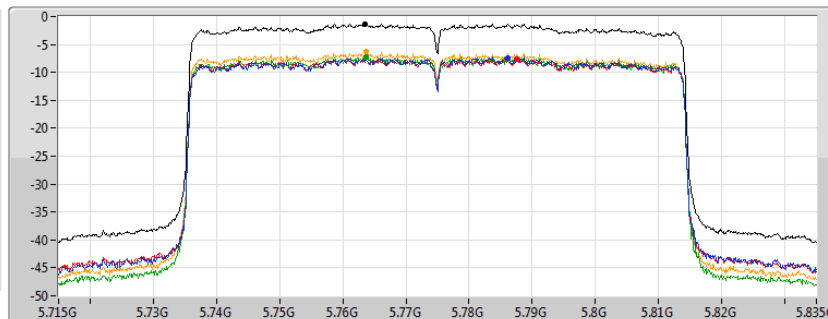
802.11ax HEW80-BF\_Nss1,(MCS0)\_4TX

PSD

5775MHz

14/10/2019

CF  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.30	-1.30	-7.39	-7.71	-7.16	-6.34



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	11.76
802.11ac VHT40_Nss4,(MCS0)_4TX	7.10
802.11ac VHT80_Nss4,(MCS0)_4TX	-1.97
802.11ax HEW20_Nss4,(MCS0)_4TX	11.78
802.11ax HEW40_Nss4,(MCS0)_4TX	7.32
802.11ax HEW80_Nss4,(MCS0)_4TX	-2.08
5.725-5.85GHz	-
802.11ac VHT20_Nss4,(MCS0)_4TX	10.24
802.11ac VHT40_Nss4,(MCS0)_4TX	7.57
802.11ac VHT80_Nss4,(MCS0)_4TX	0.52
802.11ax HEW20_Nss4,(MCS0)_4TX	10.47
802.11ax HEW40_Nss4,(MCS0)_4TX	7.82
802.11ax HEW80_Nss4,(MCS0)_4TX	0.79

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



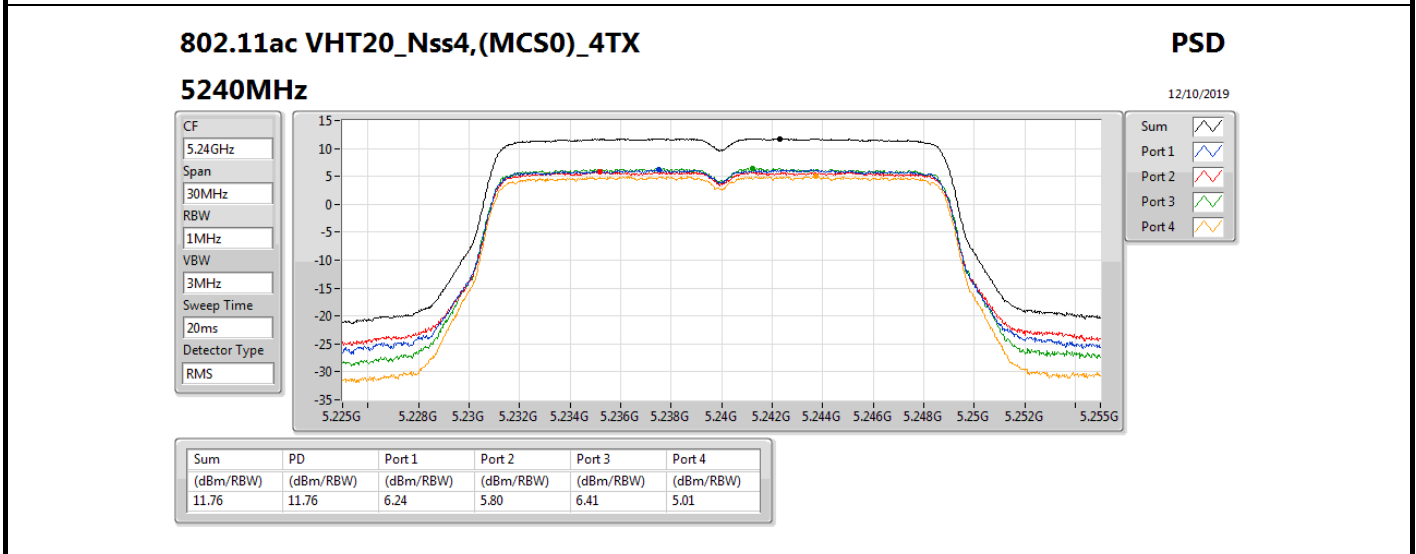
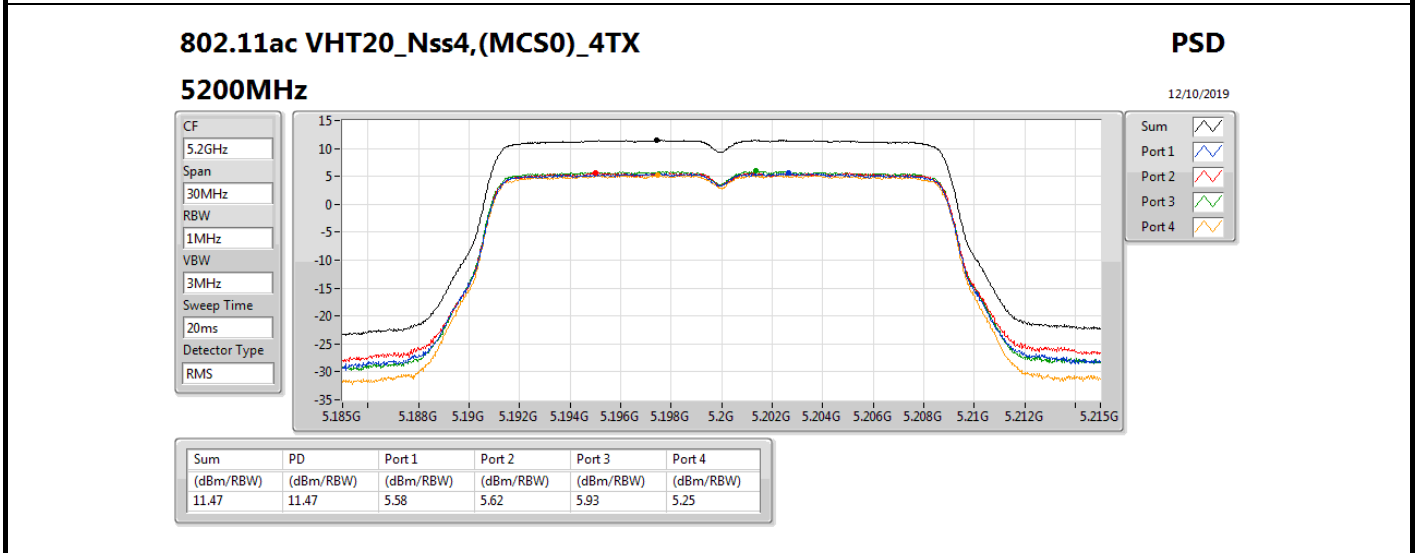
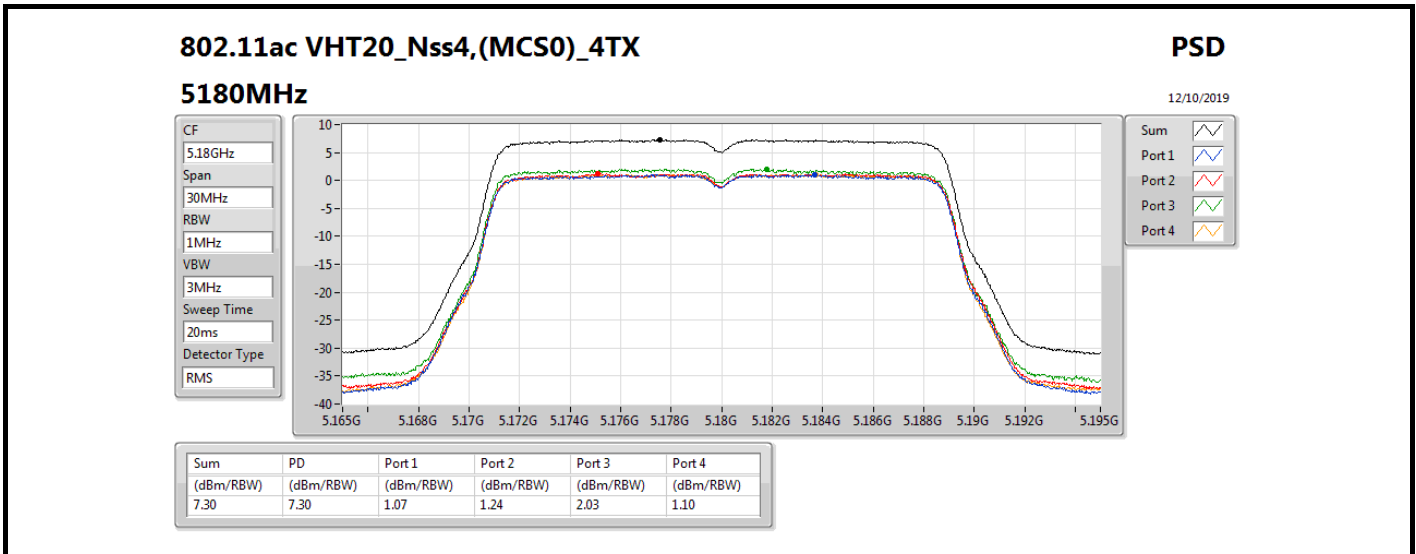


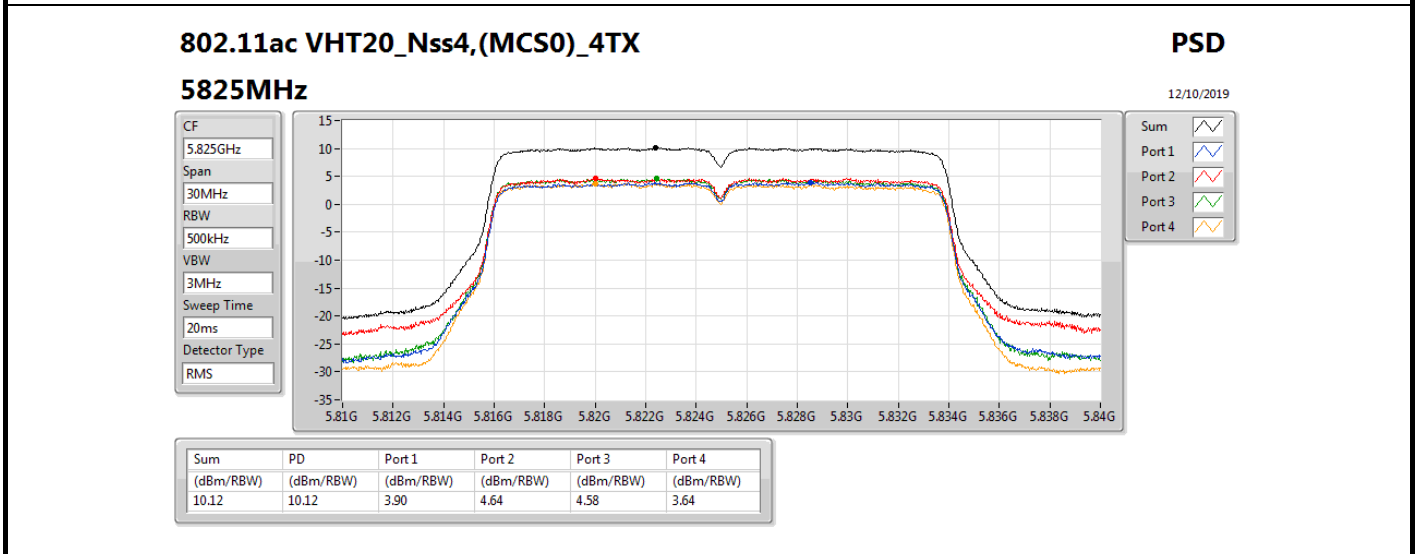
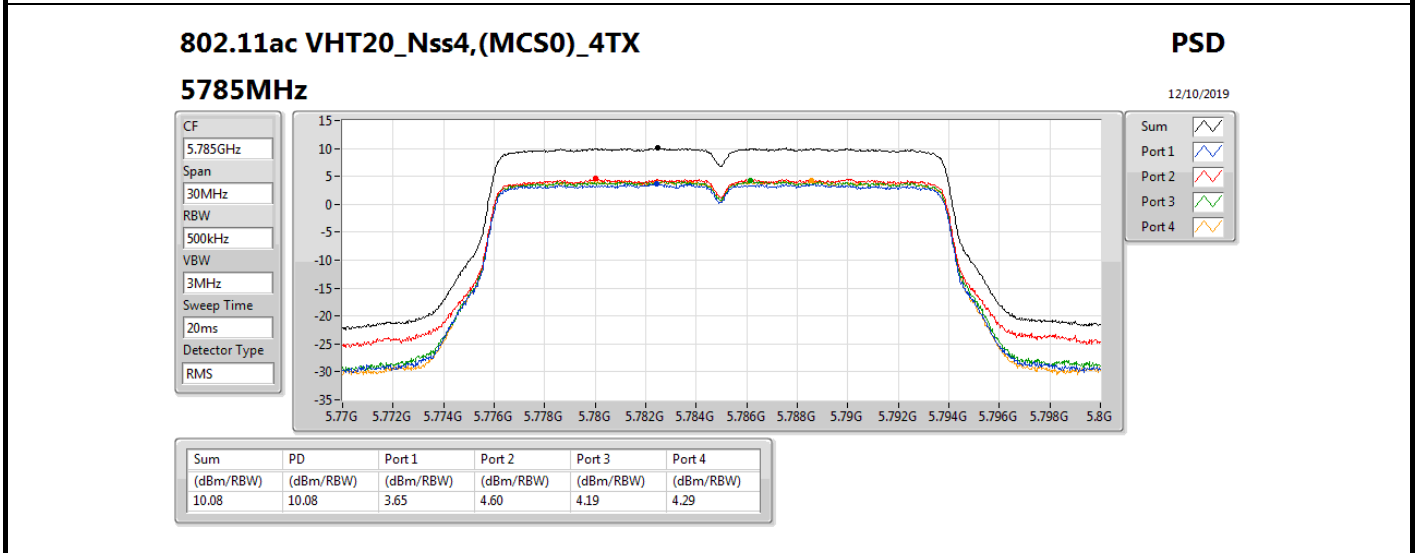
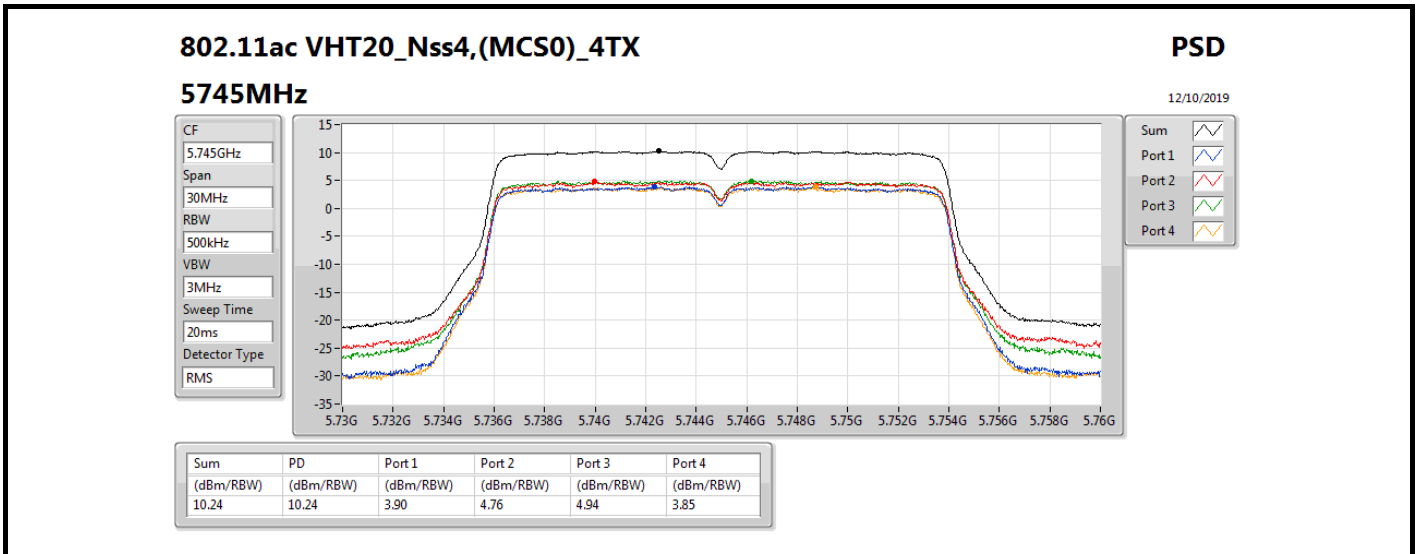
Result

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)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	1.07	1.24	2.03	1.10	7.30	12.30
5200MHz	Pass	10.70	5.58	5.62	5.93	5.25	11.47	12.30
5240MHz	Pass	10.70	6.24	5.80	6.41	5.01	11.76	12.30
5745MHz	Pass	10.70	3.90	4.76	4.94	3.85	10.24	25.30
5785MHz	Pass	10.70	3.65	4.60	4.19	4.29	10.08	25.30
5825MHz	Pass	10.70	3.90	4.64	4.58	3.64	10.12	25.30
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	-5.04	-4.94	-5.35	-4.76	0.82	12.30
5230MHz	Pass	10.70	1.49	1.44	0.97	0.77	7.10	12.30
5755MHz	Pass	10.70	1.01	1.60	1.16	1.78	7.20	25.30
5795MHz	Pass	10.70	1.21	2.36	1.16	2.00	7.57	25.30
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	-7.80	-7.52	-8.09	-8.06	-1.97	12.30
5775MHz	Pass	10.70	-5.35	-4.80	-5.95	-4.88	0.52	25.30
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	1.21	1.32	2.15	1.17	7.40	12.30
5200MHz	Pass	10.70	5.83	5.88	6.17	5.72	11.78	12.30
5240MHz	Pass	10.70	6.13	5.89	6.39	5.06	11.78	12.30
5745MHz	Pass	10.70	3.97	4.75	4.90	4.63	10.47	25.30
5785MHz	Pass	10.70	3.83	4.74	4.40	4.23	10.21	25.30
5825MHz	Pass	10.70	4.16	5.02	4.65	3.98	10.28	25.30
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	-4.46	-4.48	-4.64	-4.44	1.33	12.30
5230MHz	Pass	10.70	1.82	1.76	1.04	1.02	7.32	12.30
5755MHz	Pass	10.70	1.89	2.34	1.51	2.02	7.82	25.30
5795MHz	Pass	10.70	1.54	2.34	1.35	2.00	7.63	25.30
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	-7.89	-7.66	-8.34	-7.98	-2.08	12.30
5775MHz	Pass	10.70	-5.30	-4.42	-5.80	-5.03	0.79	25.30

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;





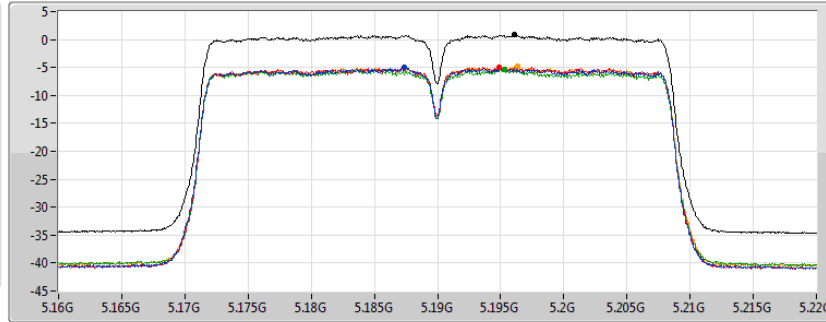
802.11ac VHT40\_Nss4,(MCS0)\_4TX

PSD

5190MHz

12/10/2019

CF  
5.19GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
0.82	0.82	-5.04	-4.94	-5.35	-4.76

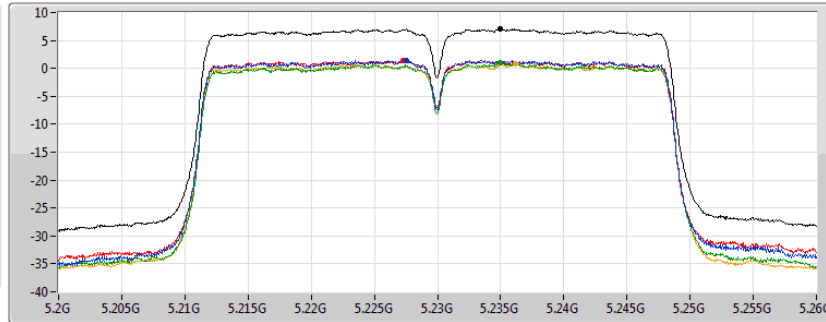
802.11ac VHT40\_Nss4,(MCS0)\_4TX

PSD

5230MHz

12/10/2019

CF  
5.23GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
7.10	7.10	1.49	1.44	0.97	0.77

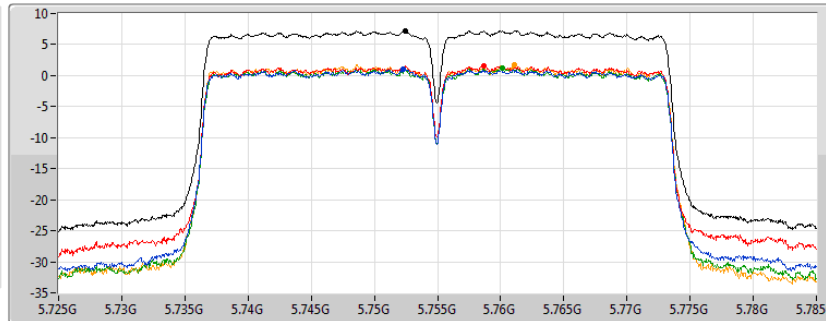
802.11ac VHT40\_Nss4,(MCS0)\_4TX

PSD

5755MHz

12/10/2019

CF  
5.755GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
7.20	7.20	1.01	1.60	1.16	1.78

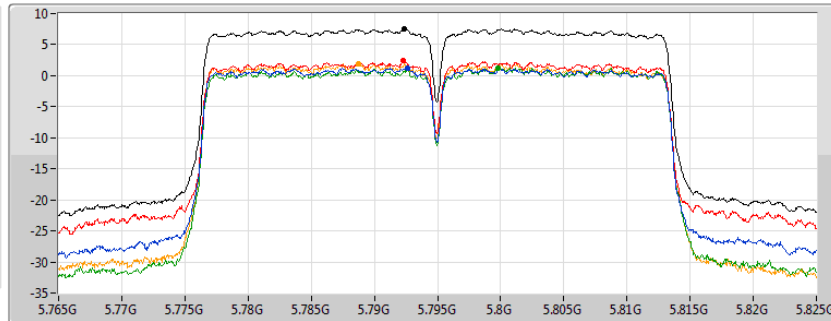
802.11ac VHT40\_Nss4,(MCS0)\_4TX

PSD

5795MHz

12/10/2019

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.57	7.57	1.21	2.36	1.16	2.00

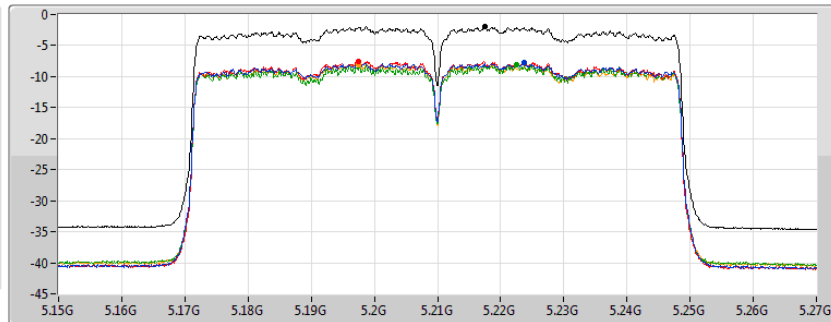
802.11ac VHT80\_Nss4,(MCS0)\_4TX

PSD

5210MHz

12/10/2019

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.97	-1.97	-7.80	-7.52	-8.09	-8.06

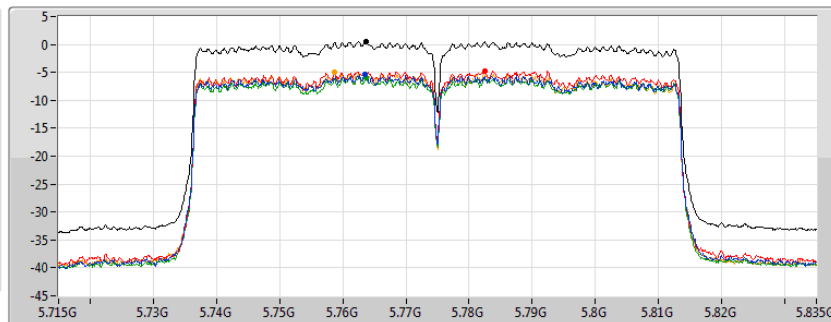
802.11ac VHT80\_Nss4,(MCS0)\_4TX

PSD

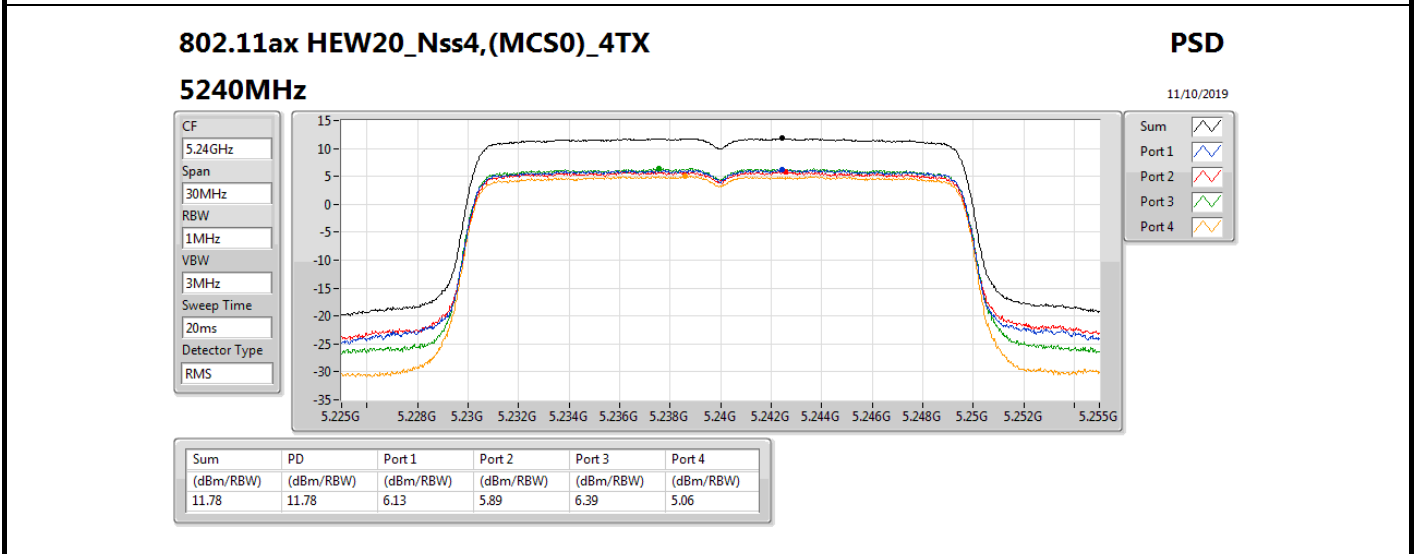
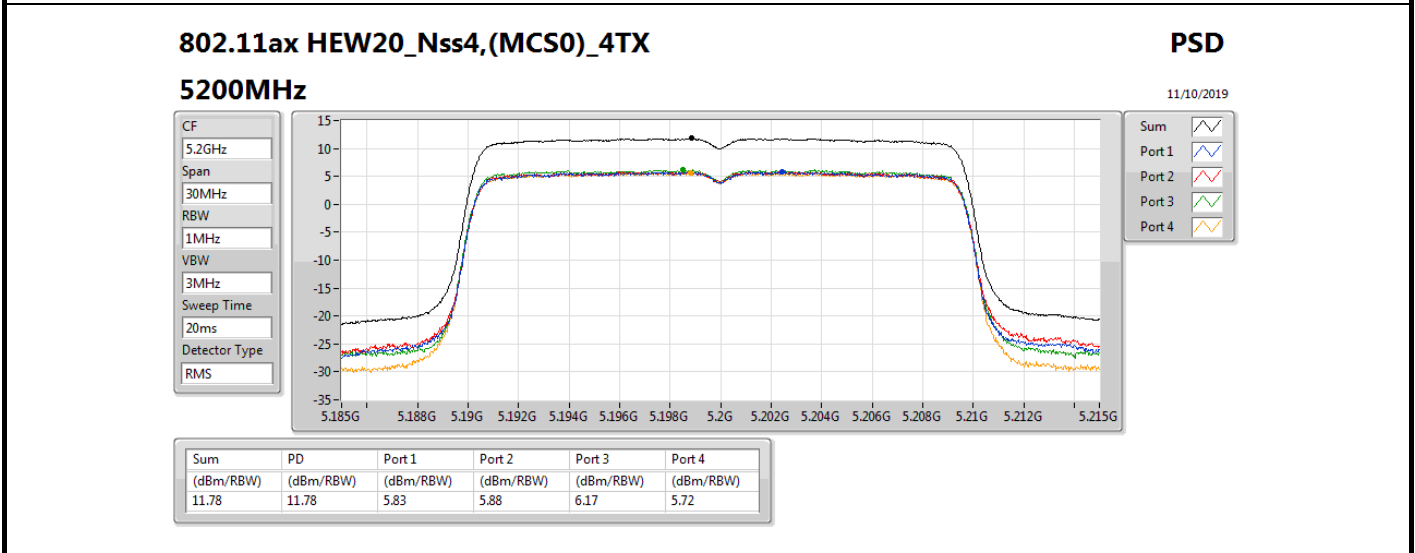
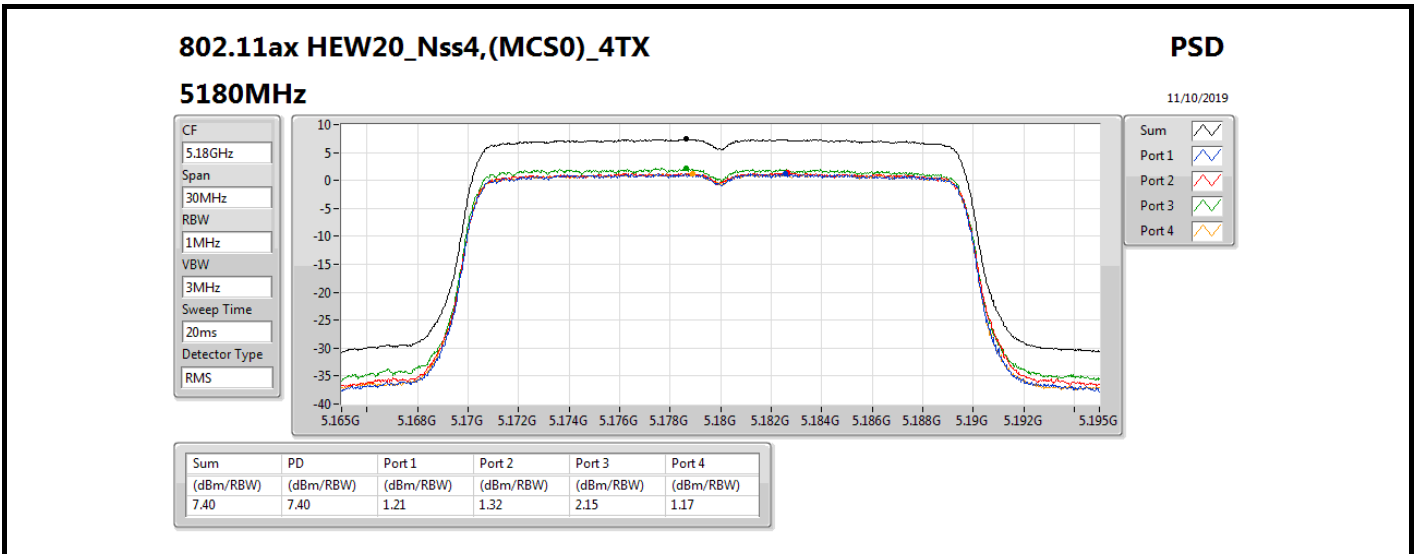
5775MHz

12/10/2019

CF  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.52	0.52	-5.35	-4.80	-5.95	-4.88



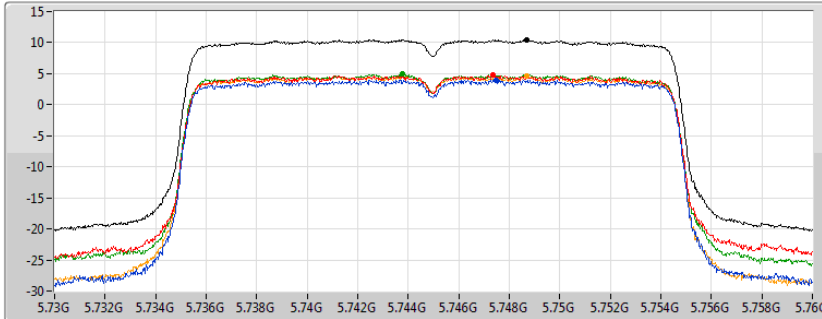
802.11ax HEW20\_Nss4,(MCS0)\_4TX

PSD

5745MHz

11/10/2019

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
10.47	10.47	3.97	4.75	4.90	4.63

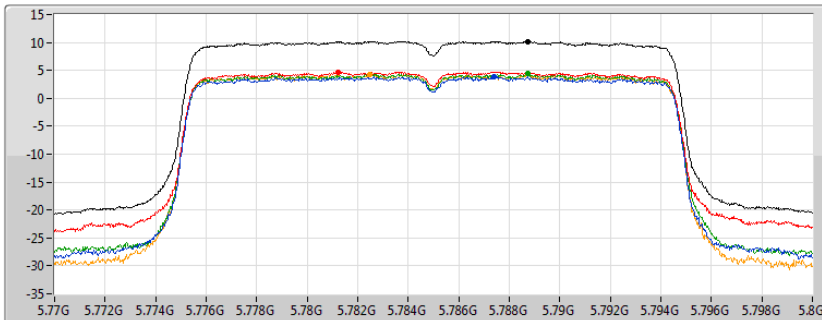
802.11ax HEW20\_Nss4,(MCS0)\_4TX

PSD

5785MHz

11/10/2019

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
10.21	10.21	3.83	4.74	4.40	4.23

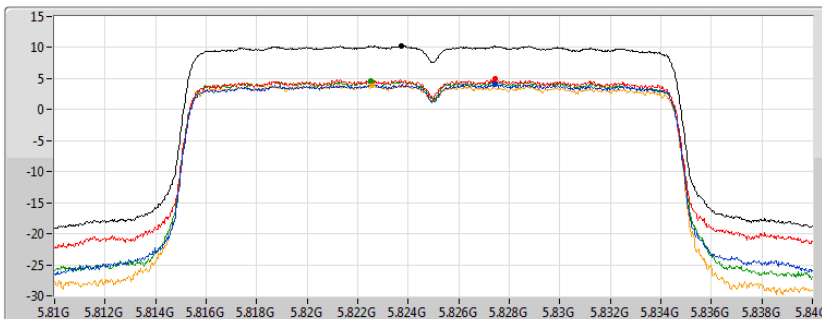
802.11ax HEW20\_Nss4,(MCS0)\_4TX

PSD

5825MHz

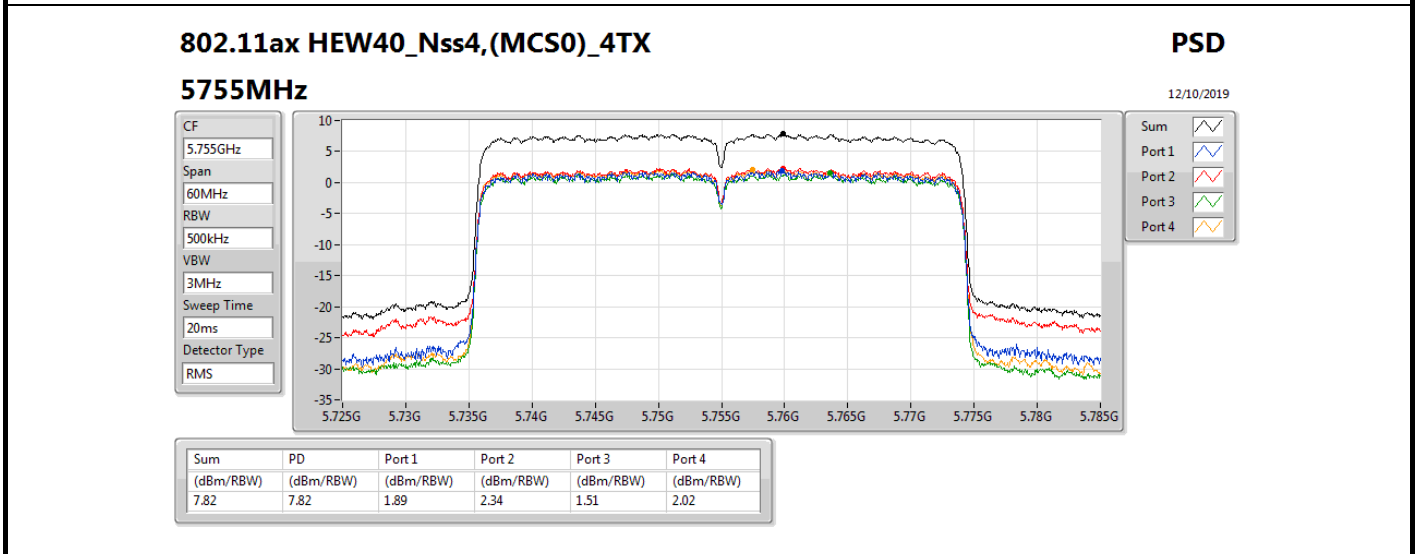
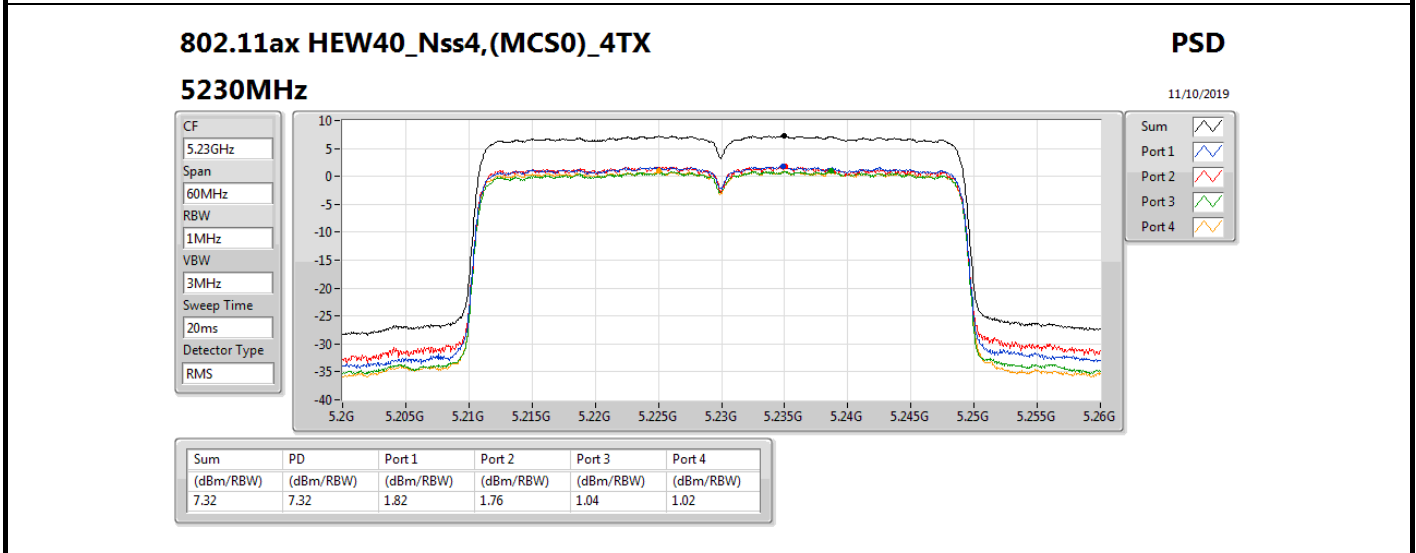
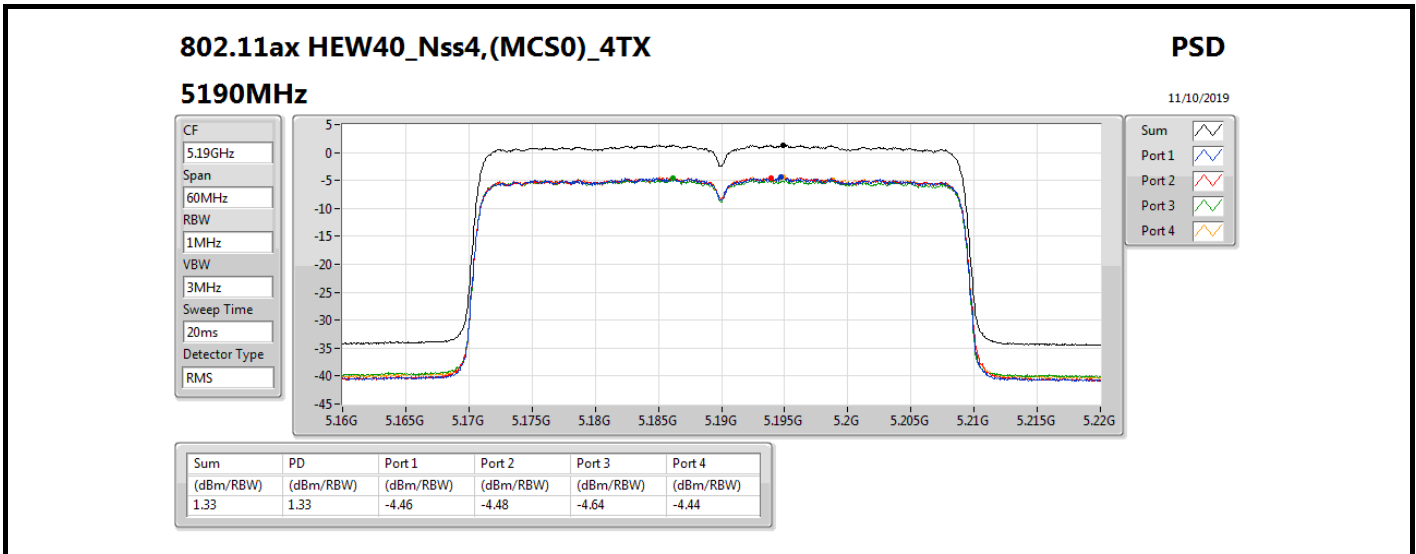
11/10/2019

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
10.28	10.28	4.16	5.02	4.65	3.98





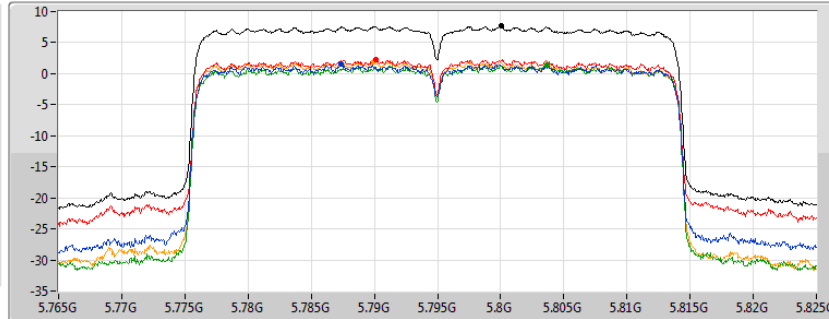
802.11ax HEW40\_Nss4,(MCS0)\_4TX

PSD

5795MHz

12/10/2019

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
7.63	7.63	1.54	2.34	1.35	2.00

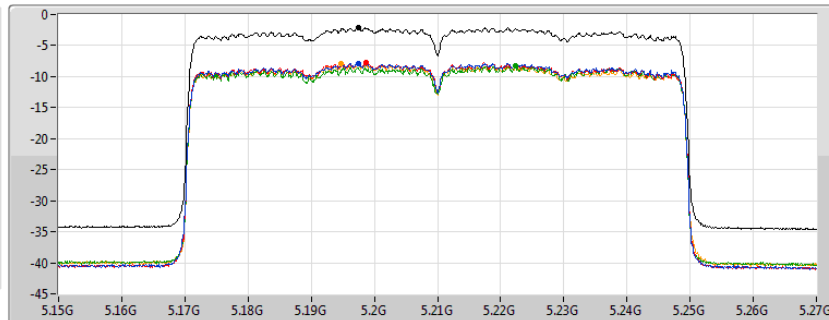
802.11ax HEW80\_Nss4,(MCS0)\_4TX

PSD

5210MHz

12/10/2019

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
-2.08	-2.08	-7.89	-7.66	-8.34	-7.98

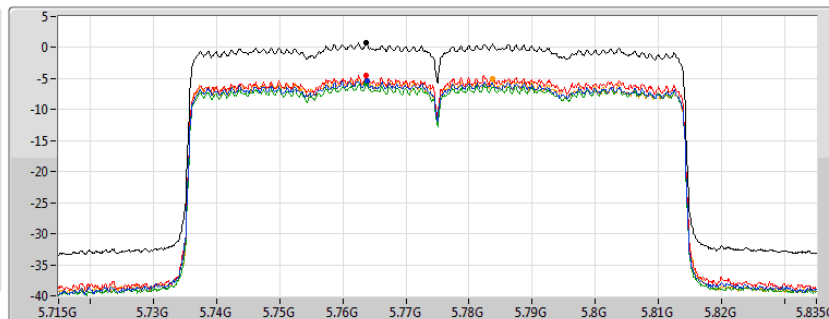
802.11ax HEW80\_Nss4,(MCS0)\_4TX

PSD

5775MHz

12/10/2019

CF  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
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)
0.79	0.79	-5.30	-4.42	-5.80	-5.03



Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	11.57
802.11ac VHT20_Nss1,(MCS0)_1TX	10.75
802.11ac VHT40_Nss1,(MCS0)_1TX	7.22
802.11ac VHT80_Nss1,(MCS0)_1TX	0.11
802.11ax HEW20_Nss1,(MCS0)_1TX	10.64
802.11ax HEW40_Nss1,(MCS0)_1TX	7.22
802.11ax HEW80_Nss1,(MCS0)_1TX	0.06
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.97
802.11ac VHT20_Nss1,(MCS0)_1TX	7.95
802.11ac VHT40_Nss1,(MCS0)_1TX	5.69
802.11ac VHT80_Nss1,(MCS0)_1TX	1.36
802.11ax HEW20_Nss1,(MCS0)_1TX	7.98
802.11ax HEW40_Nss1,(MCS0)_1TX	5.81
802.11ax HEW80_Nss1,(MCS0)_1TX	1.34

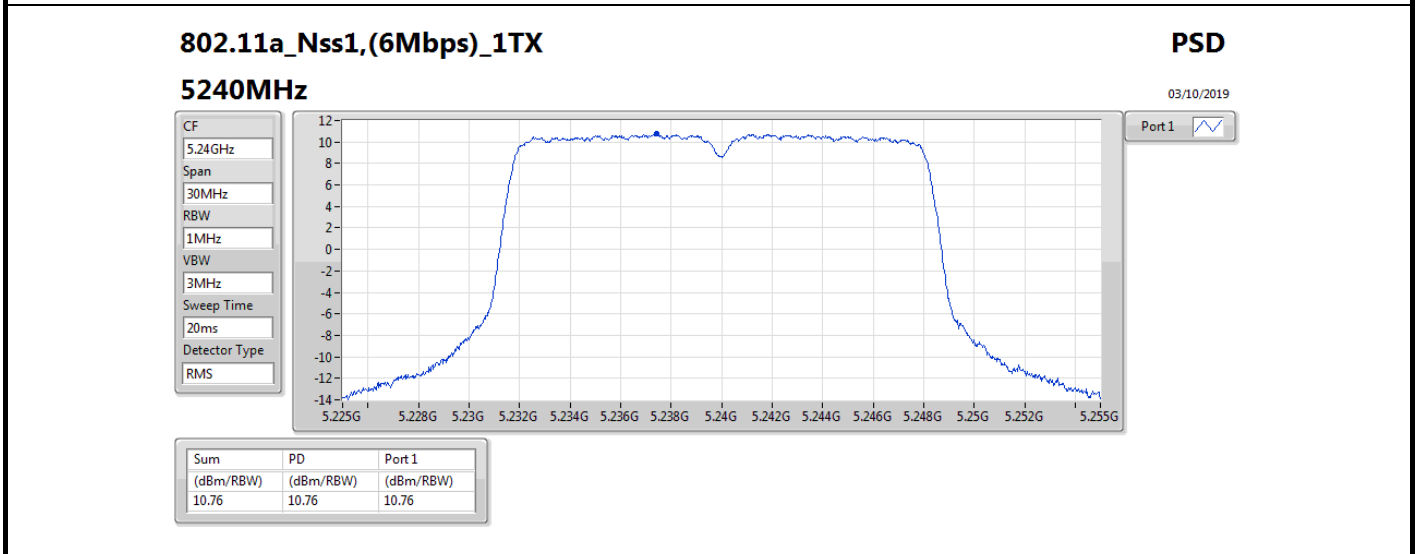
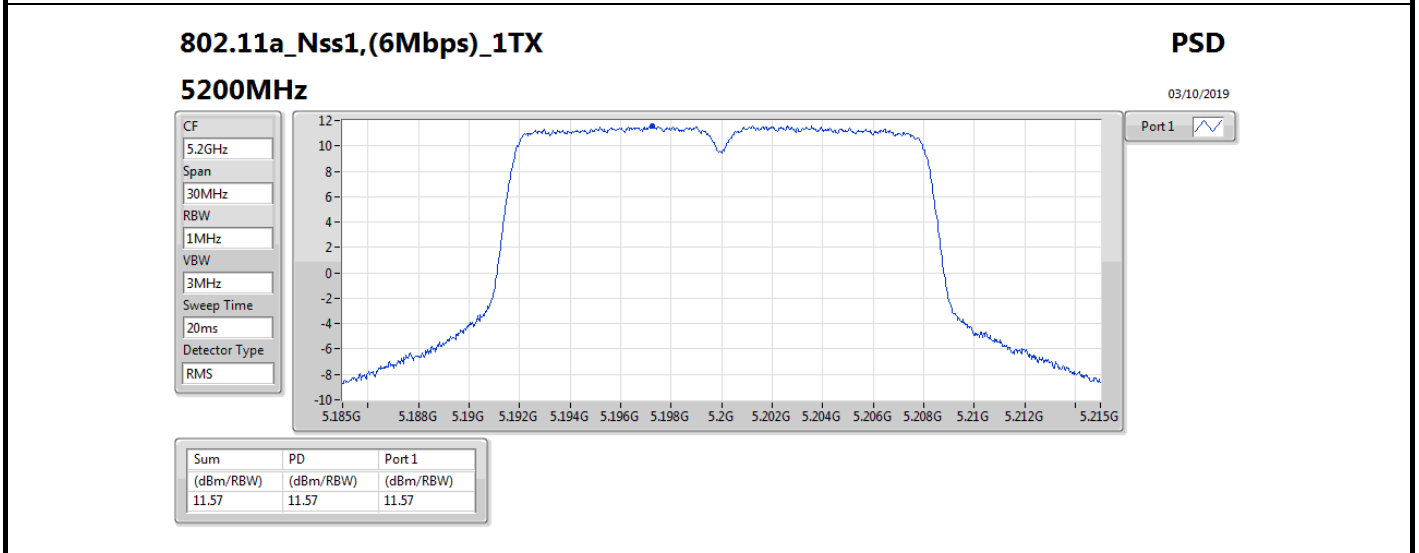
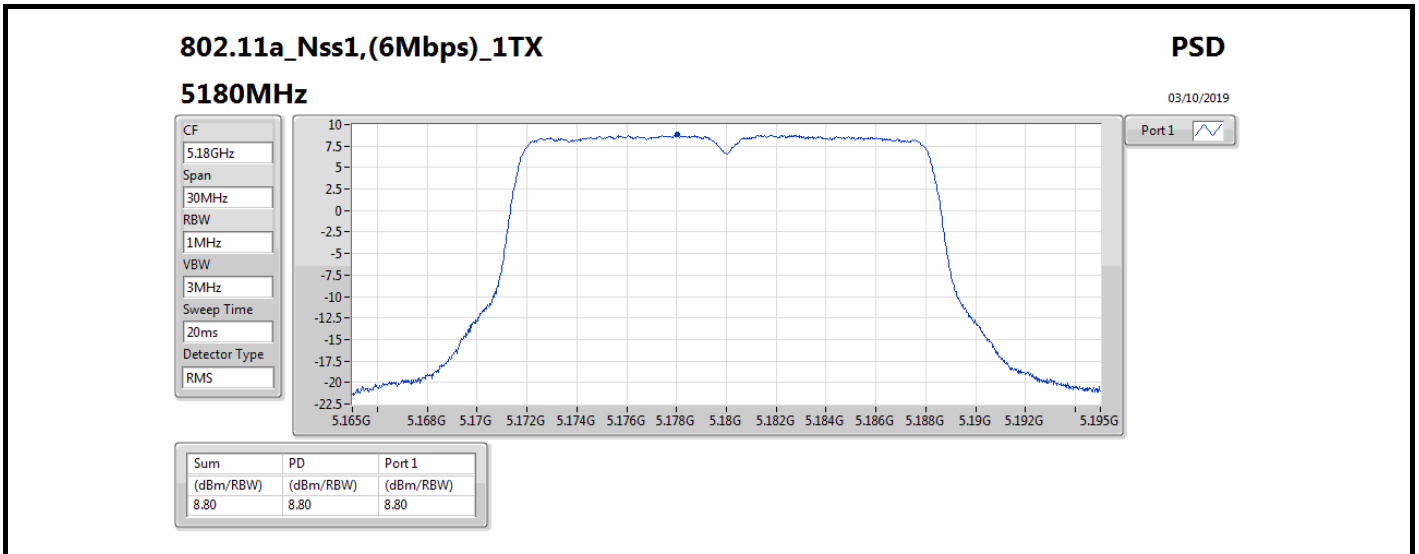
RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

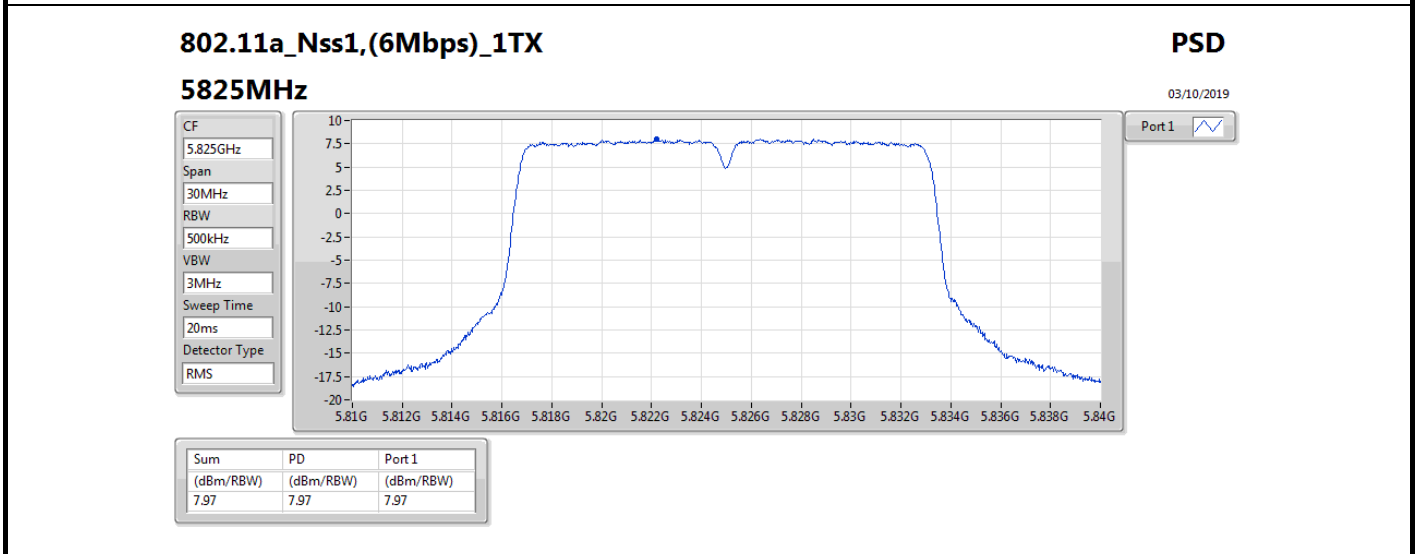
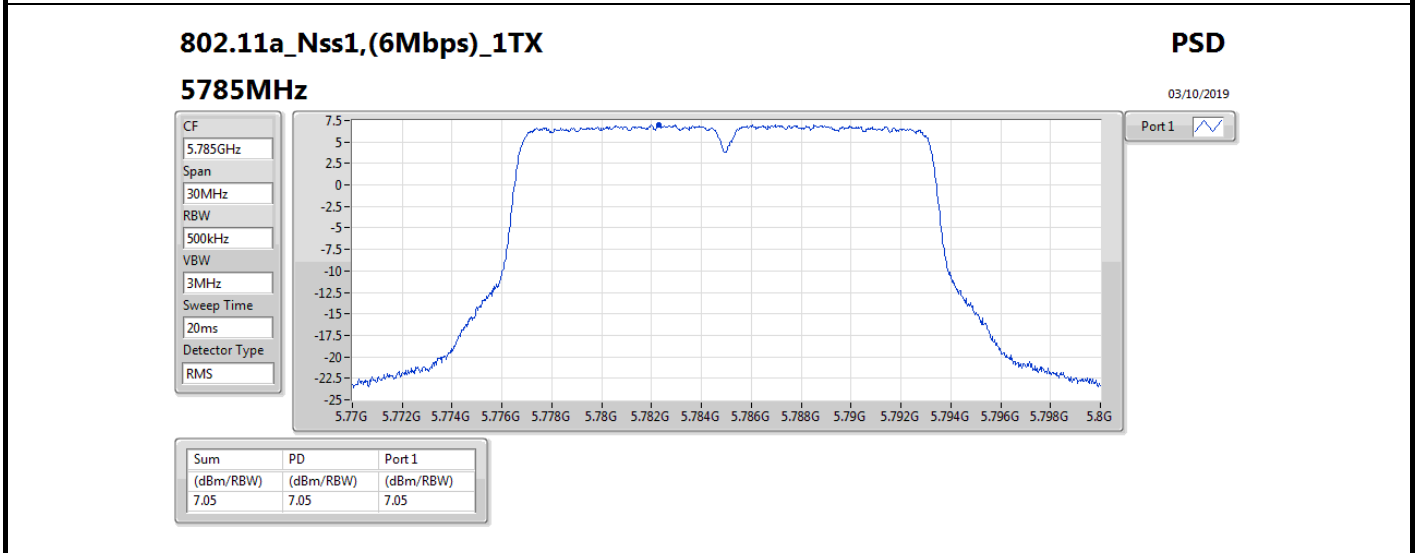
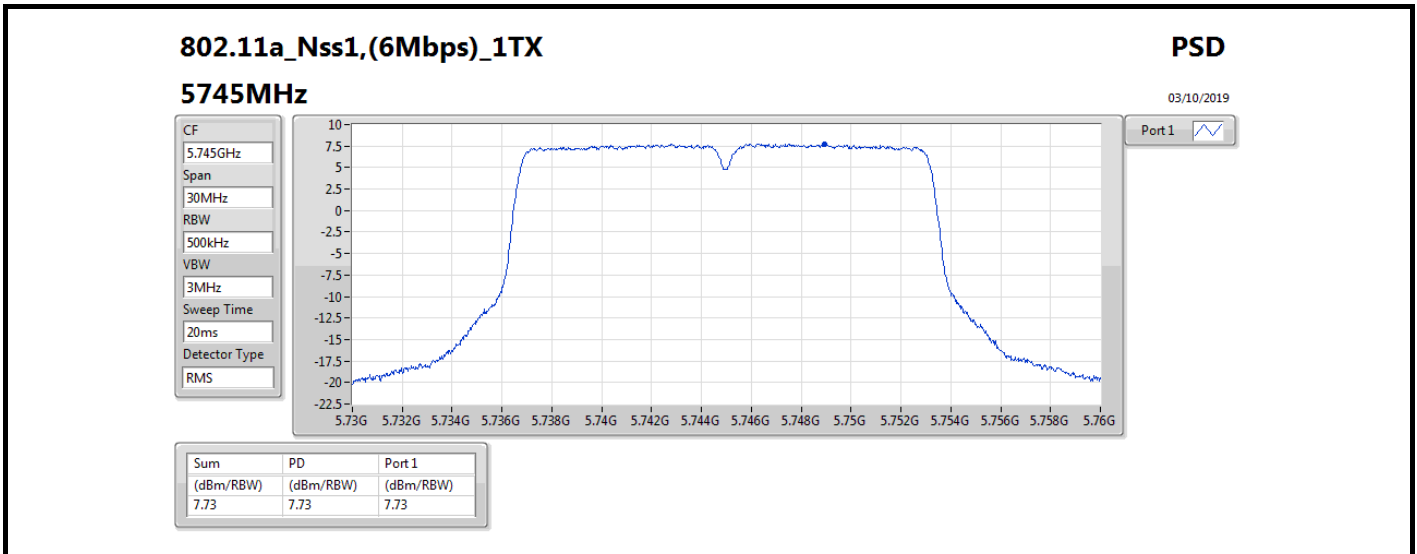


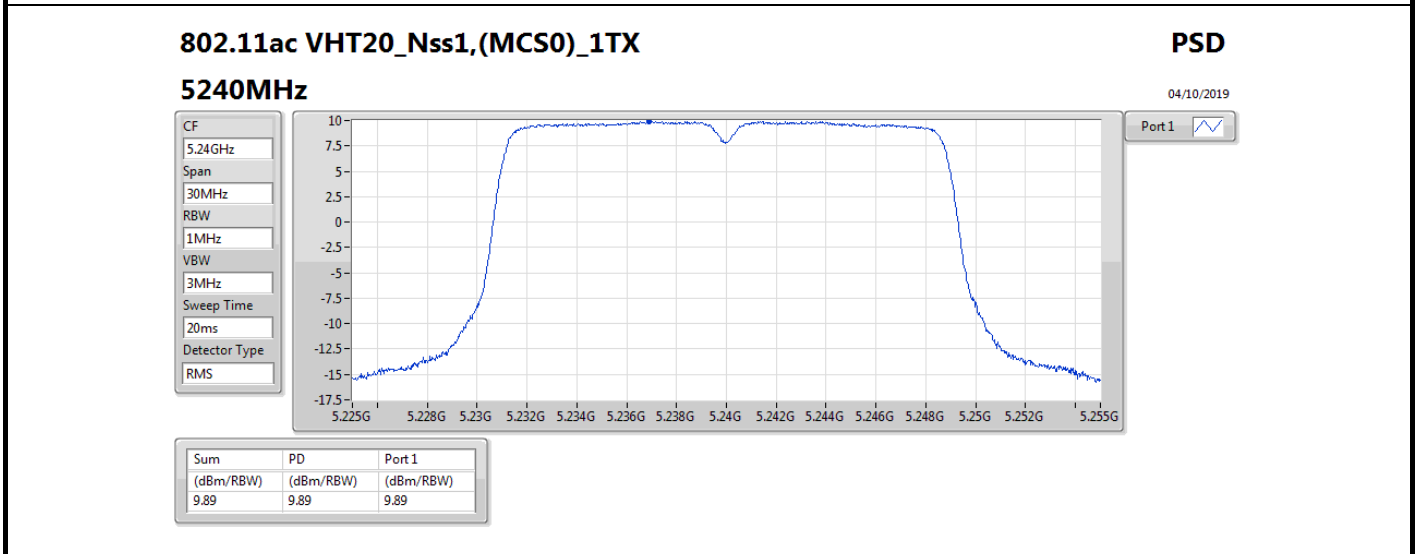
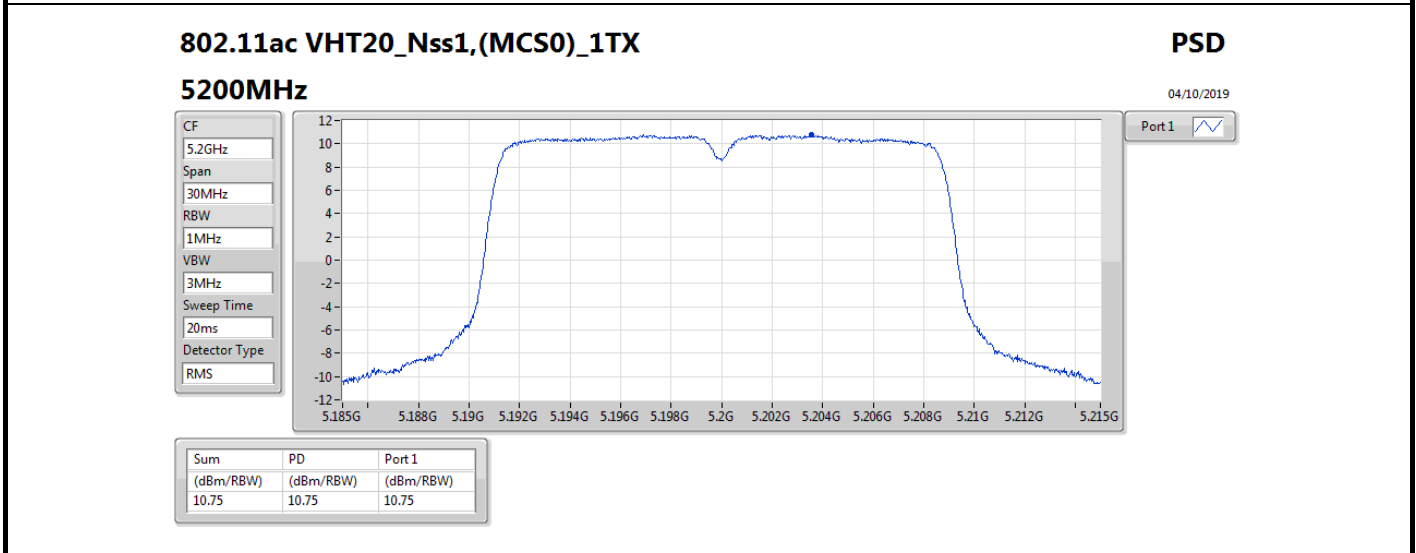
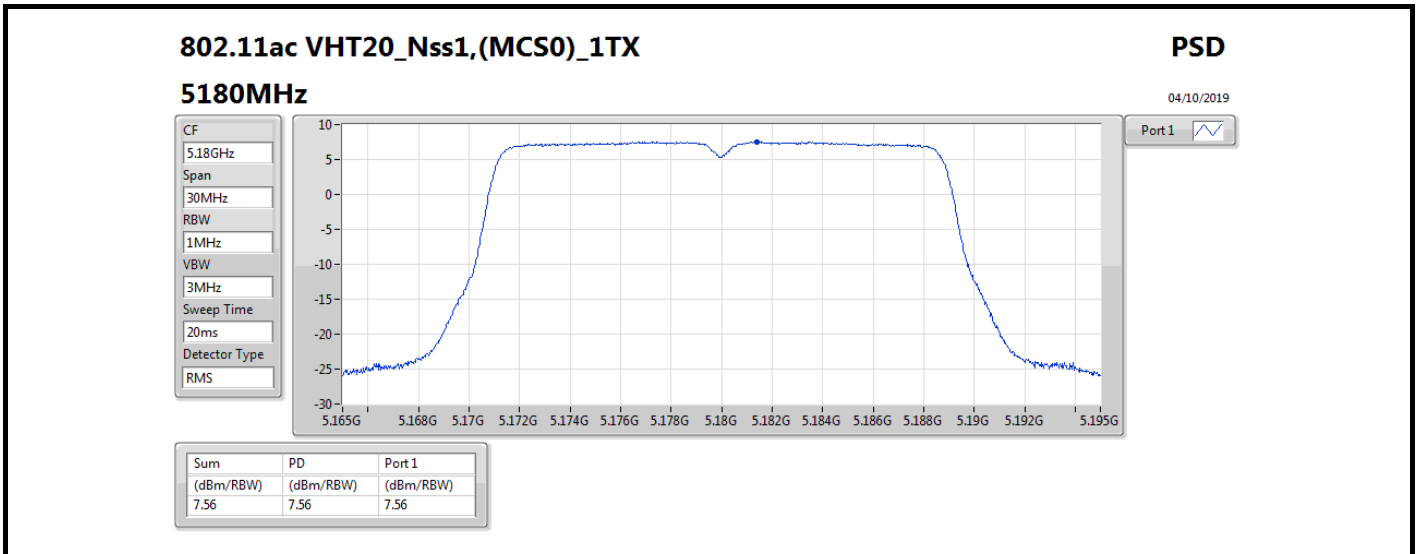
Result

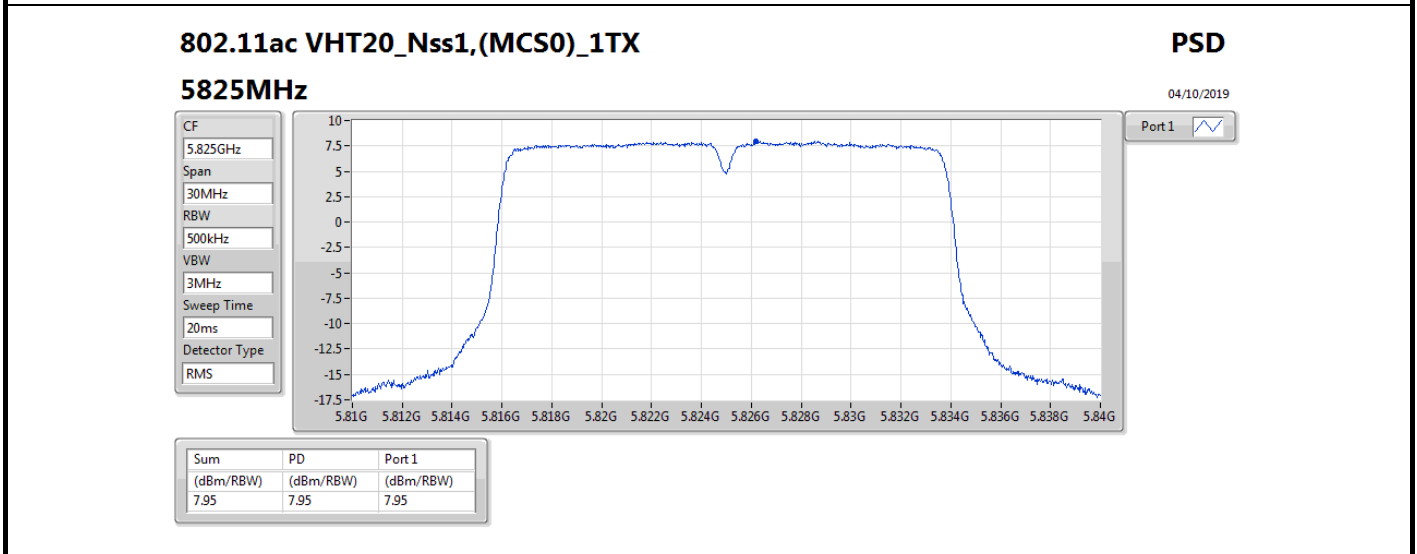
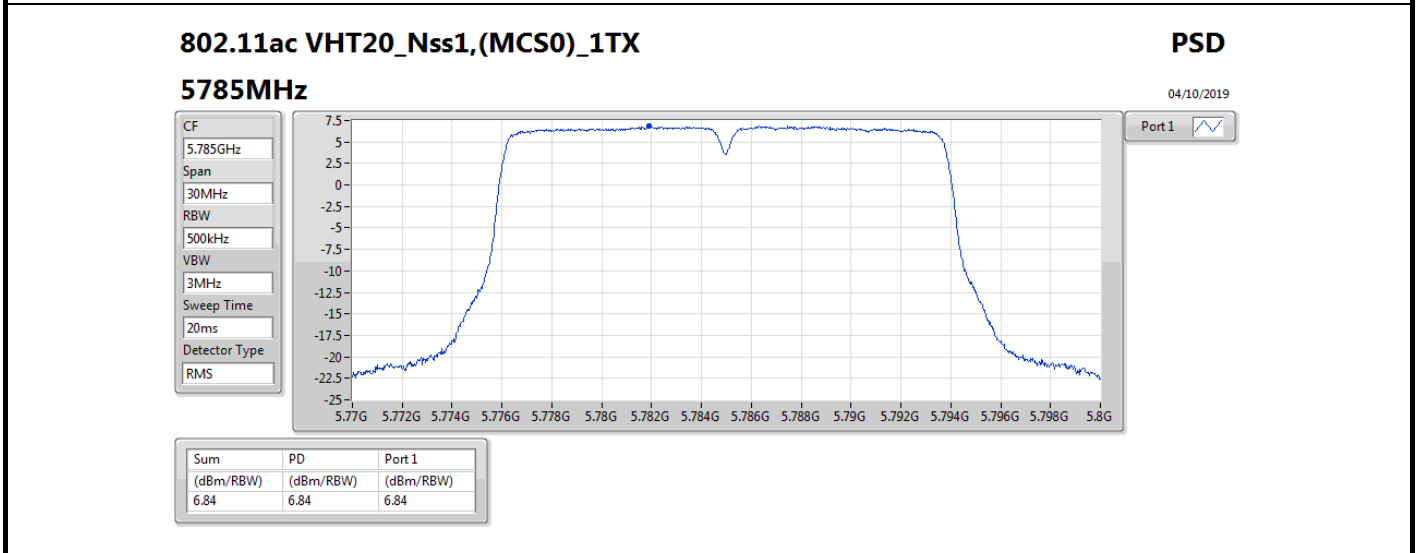
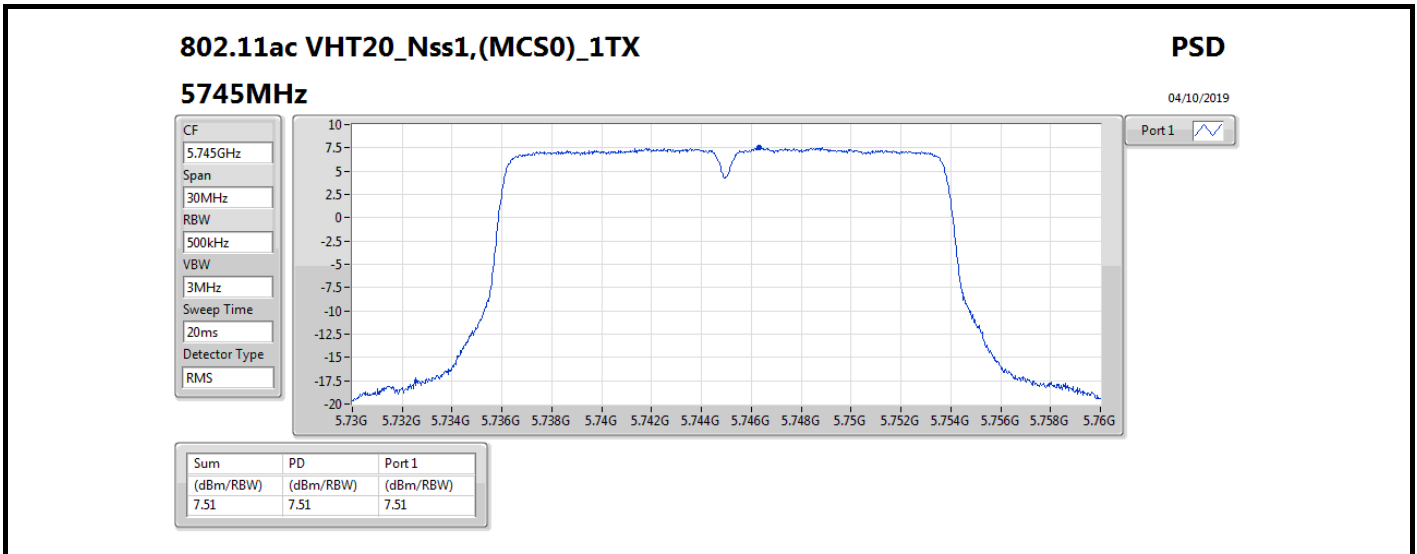
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	5.02	8.80	8.80	17.00
5200MHz	Pass	5.02	11.57	11.57	17.00
5240MHz	Pass	5.02	10.76	10.76	17.00
5745MHz	Pass	5.02	7.73	7.73	30.00
5785MHz	Pass	5.02	7.05	7.05	30.00
5825MHz	Pass	5.02	7.97	7.97	30.00
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.02	7.56	7.56	17.00
5200MHz	Pass	5.02	10.75	10.75	17.00
5240MHz	Pass	5.02	9.89	9.89	17.00
5745MHz	Pass	5.02	7.51	7.51	30.00
5785MHz	Pass	5.02	6.84	6.84	30.00
5825MHz	Pass	5.02	7.95	7.95	30.00
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.02	2.75	2.75	17.00
5230MHz	Pass	5.02	7.22	7.22	17.00
5755MHz	Pass	5.02	5.62	5.62	30.00
5795MHz	Pass	5.02	5.69	5.69	30.00
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	5.02	0.11	0.11	17.00
5775MHz	Pass	5.02	1.36	1.36	30.00
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	5.02	7.59	7.59	17.00
5200MHz	Pass	5.02	10.64	10.64	17.00
5240MHz	Pass	5.02	9.81	9.81	17.00
5745MHz	Pass	5.02	7.38	7.38	30.00
5785MHz	Pass	5.02	6.85	6.85	30.00
5825MHz	Pass	5.02	7.98	7.98	30.00
802.11ax_HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	5.02	2.76	2.76	17.00
5230MHz	Pass	5.02	7.22	7.22	17.00
5755MHz	Pass	5.02	5.81	5.81	30.00
5795MHz	Pass	5.02	5.68	5.68	30.00
802.11ax_HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	5.02	0.06	0.06	17.00
5775MHz	Pass	5.02	1.34	1.34	30.00

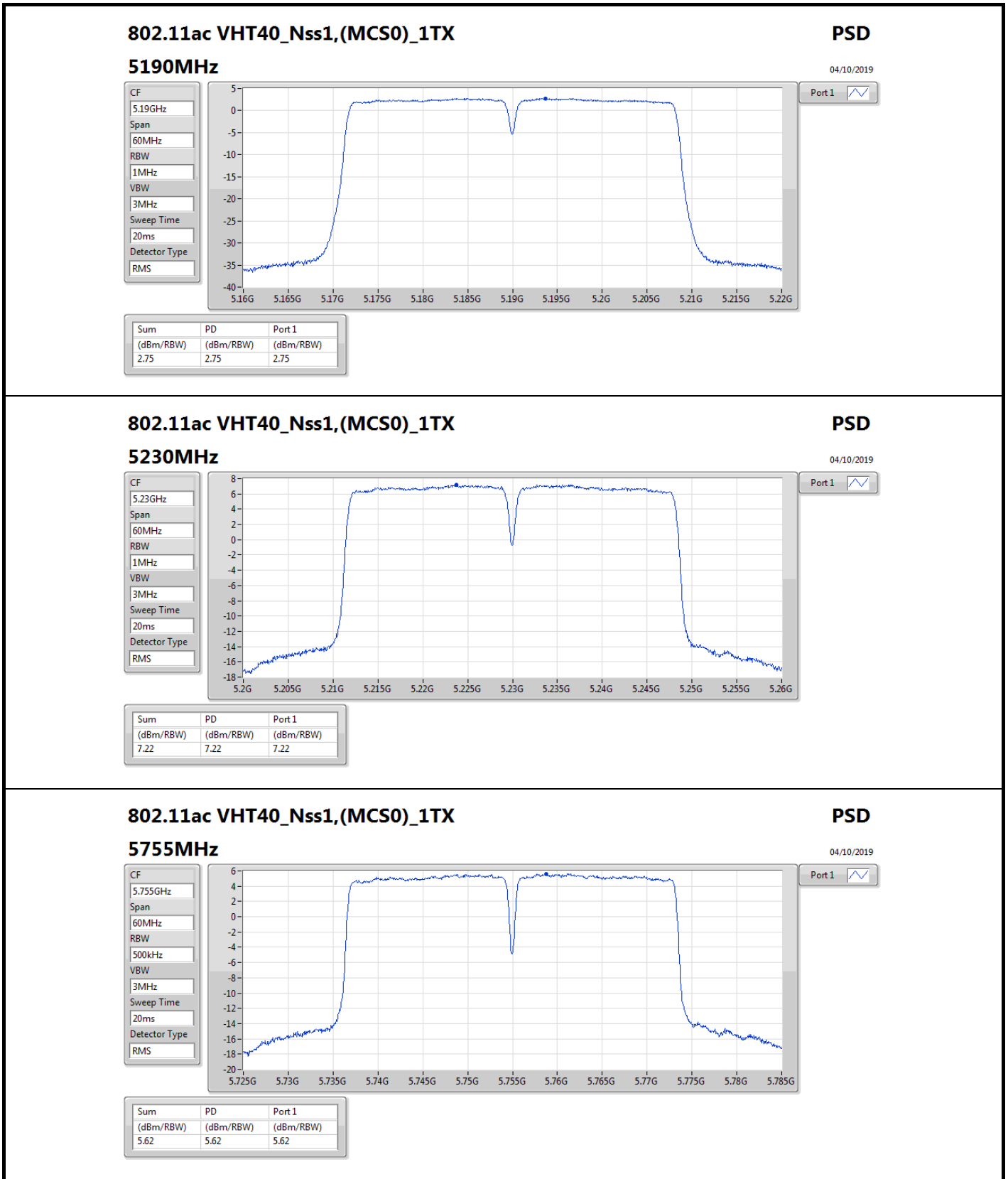
DG = Directional Gain; RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;













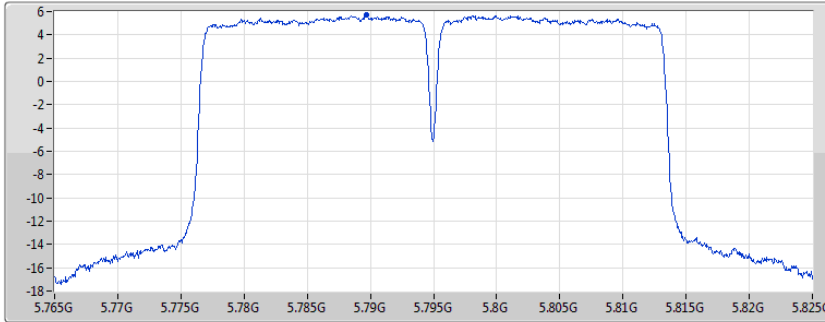
802.11ac VHT40\_Nss1,(MCS0)\_1TX

PSD

5795MHz

04/10/2019

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.69	5.69	5.69

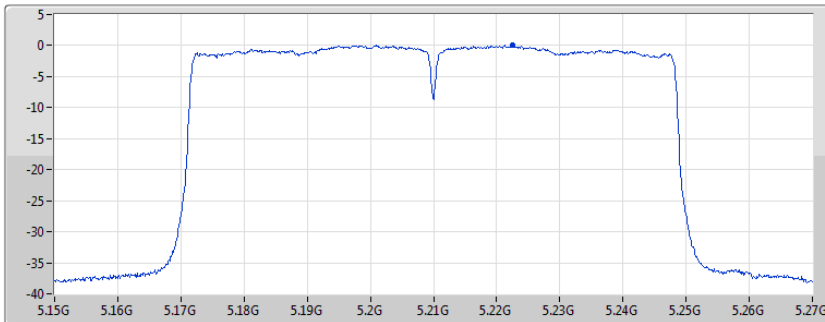
802.11ac VHT80\_Nss1,(MCS0)\_1TX

PSD

5210MHz

04/10/2019

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.11	0.11	0.11

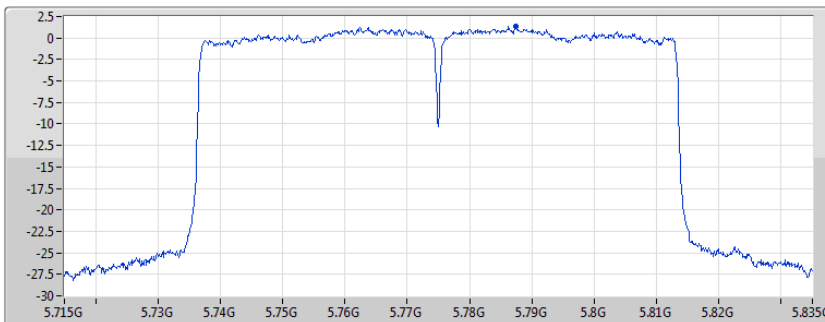
802.11ac VHT80\_Nss1,(MCS0)\_1TX

PSD

5775MHz

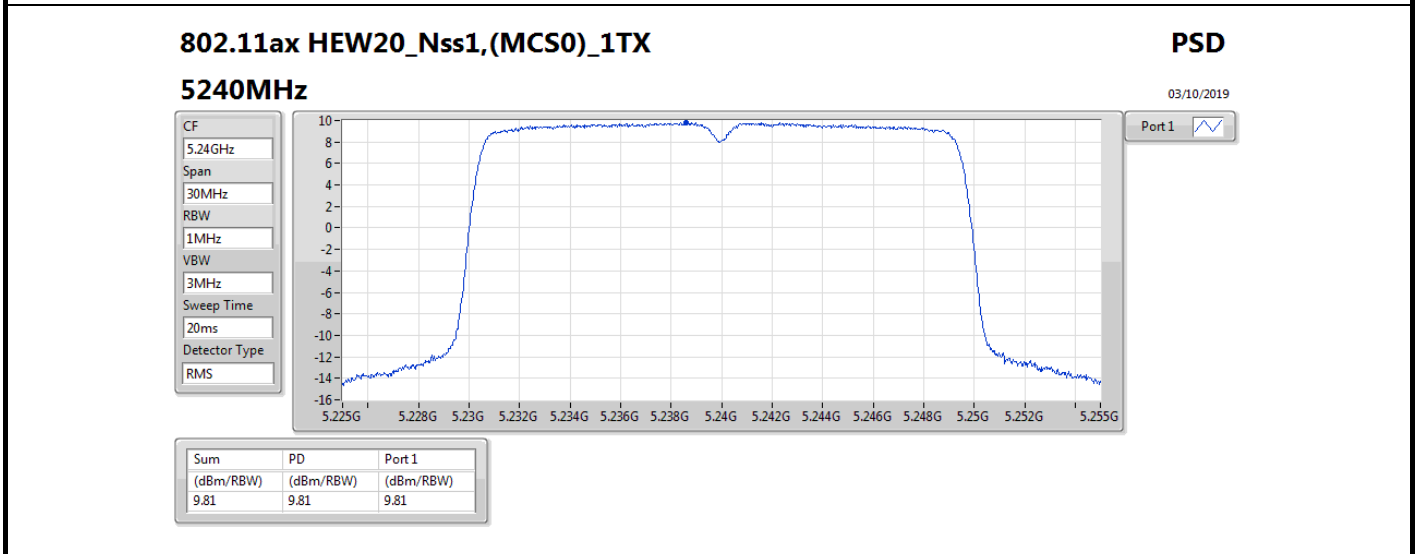
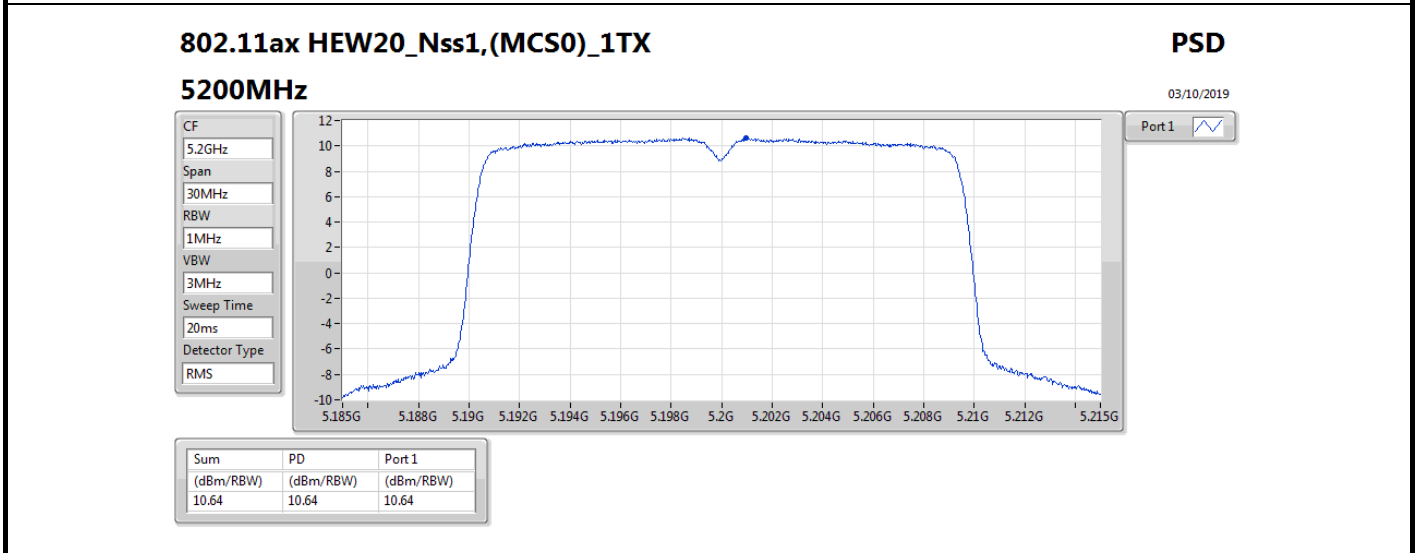
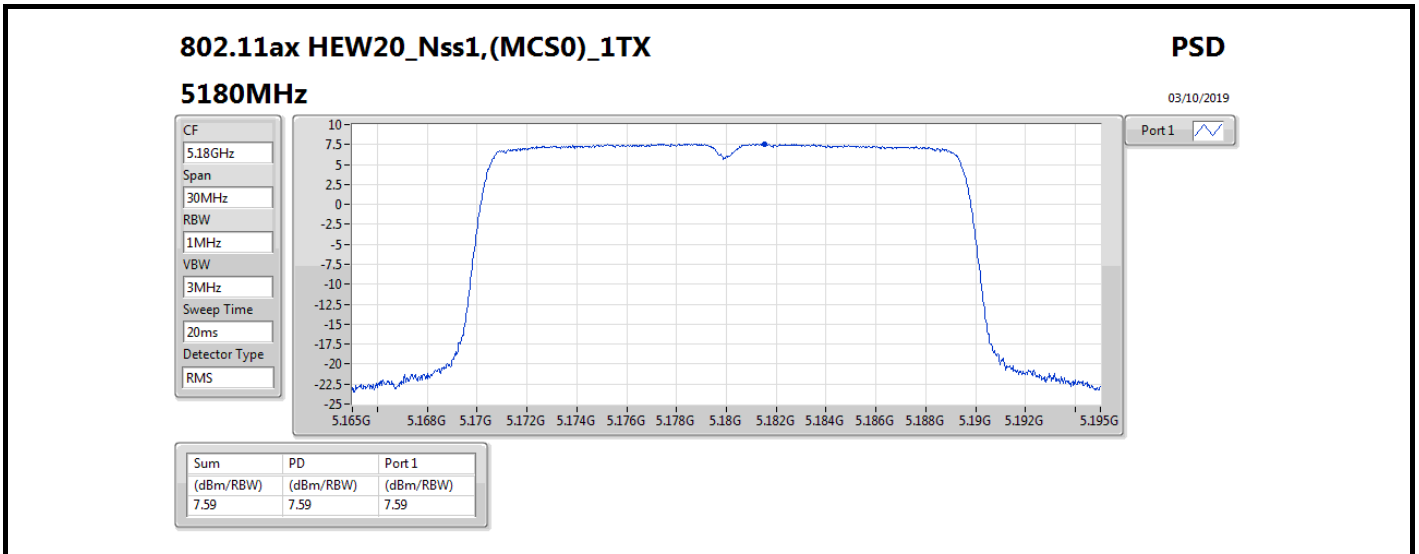
04/10/2019

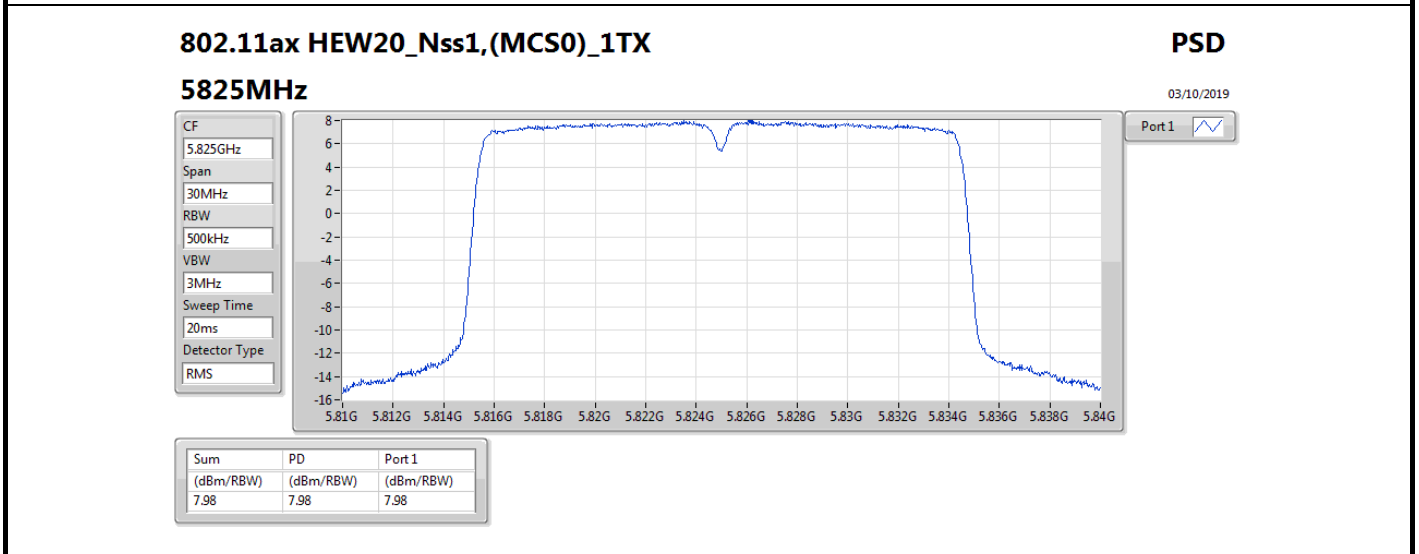
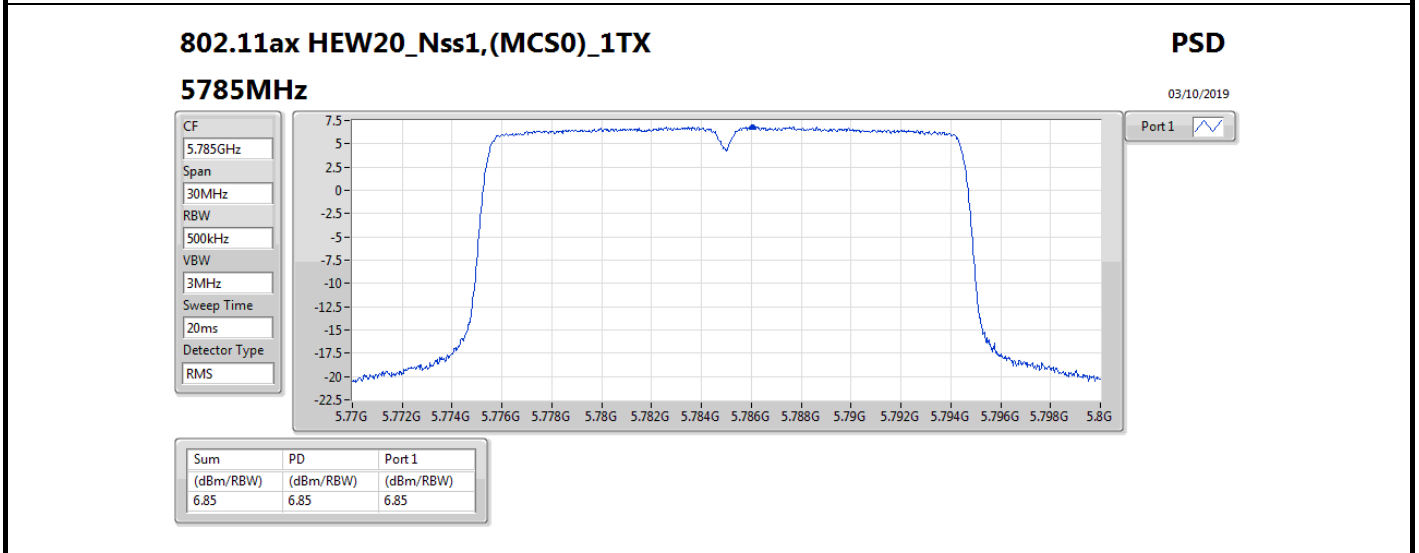
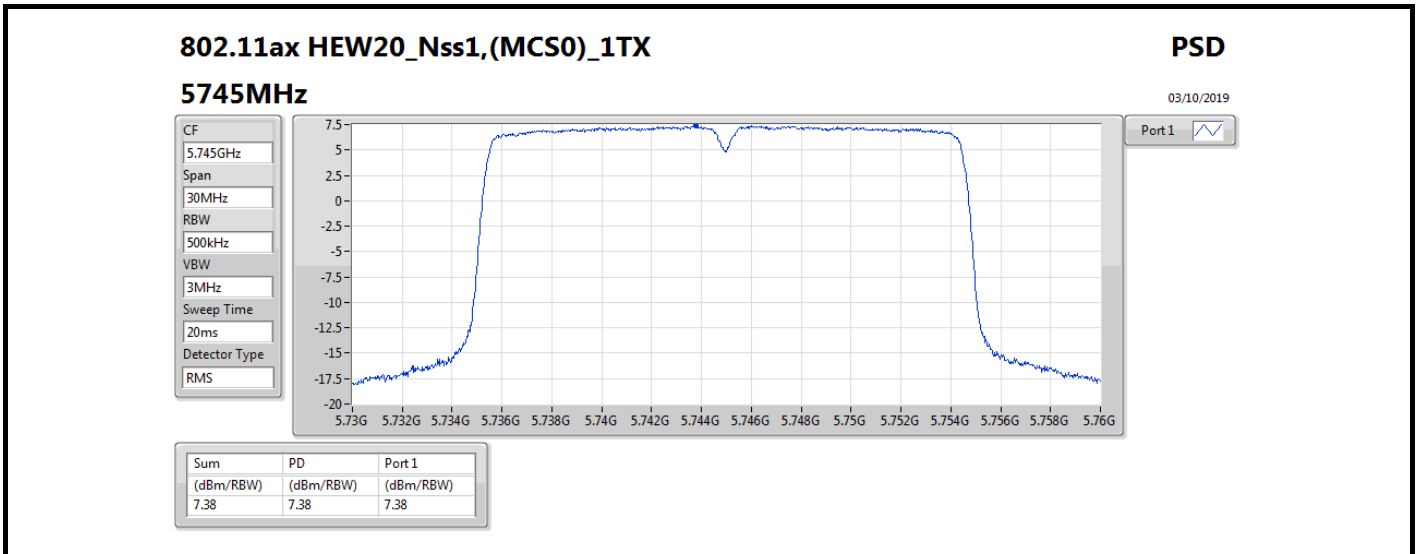
CF  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

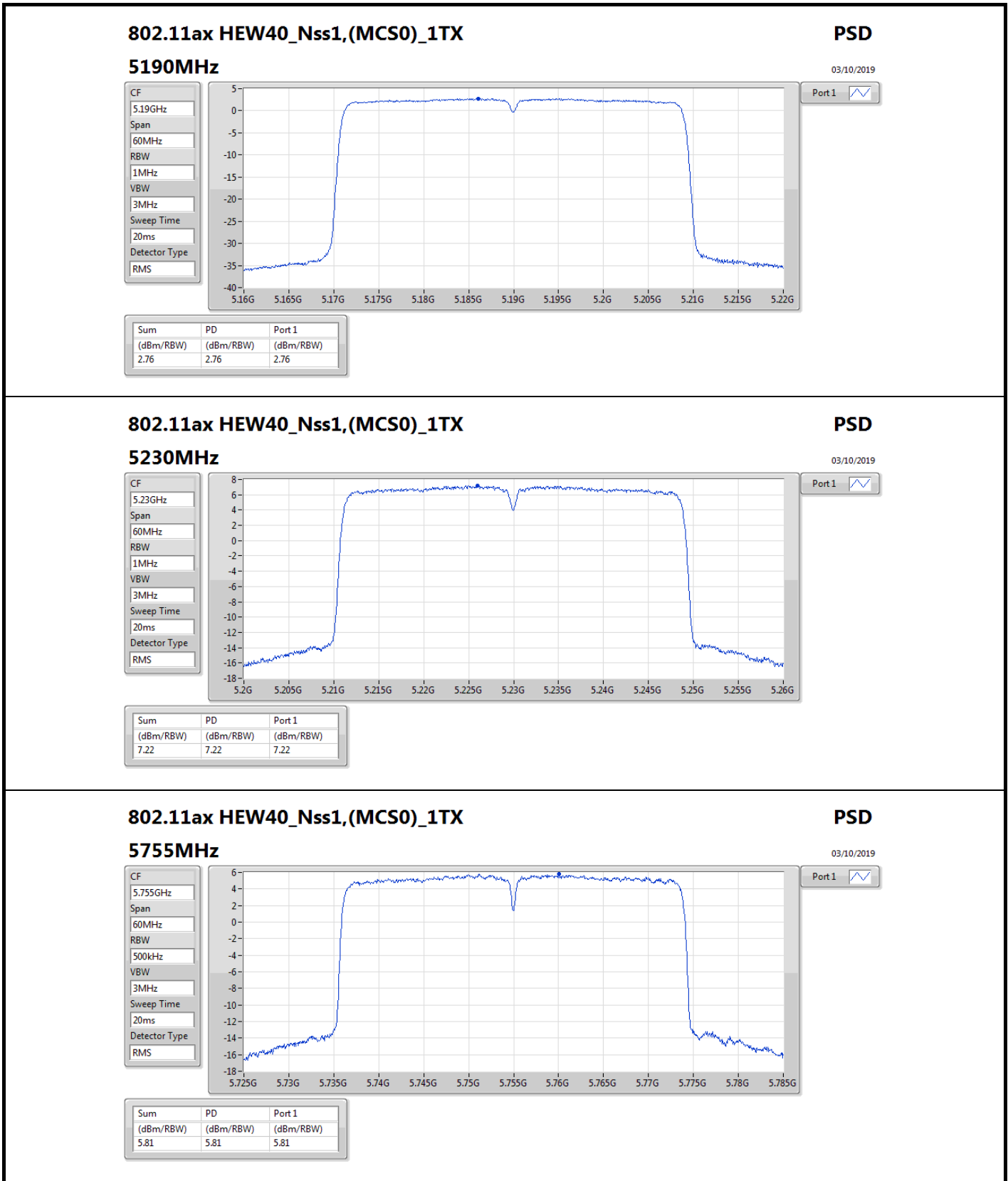


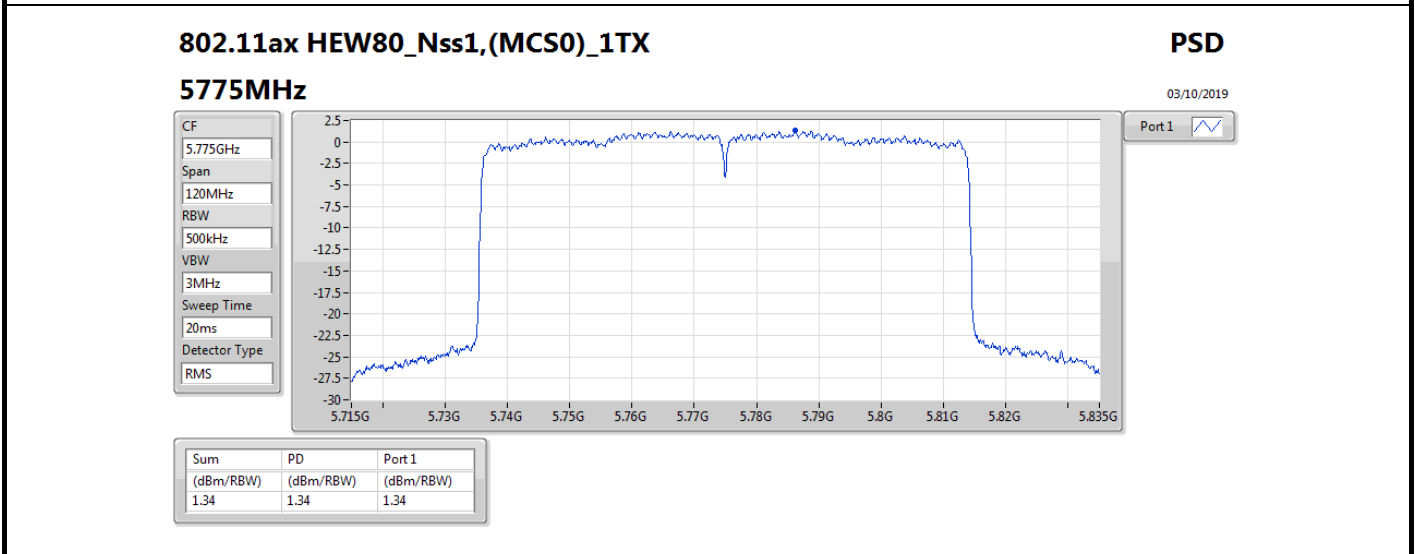
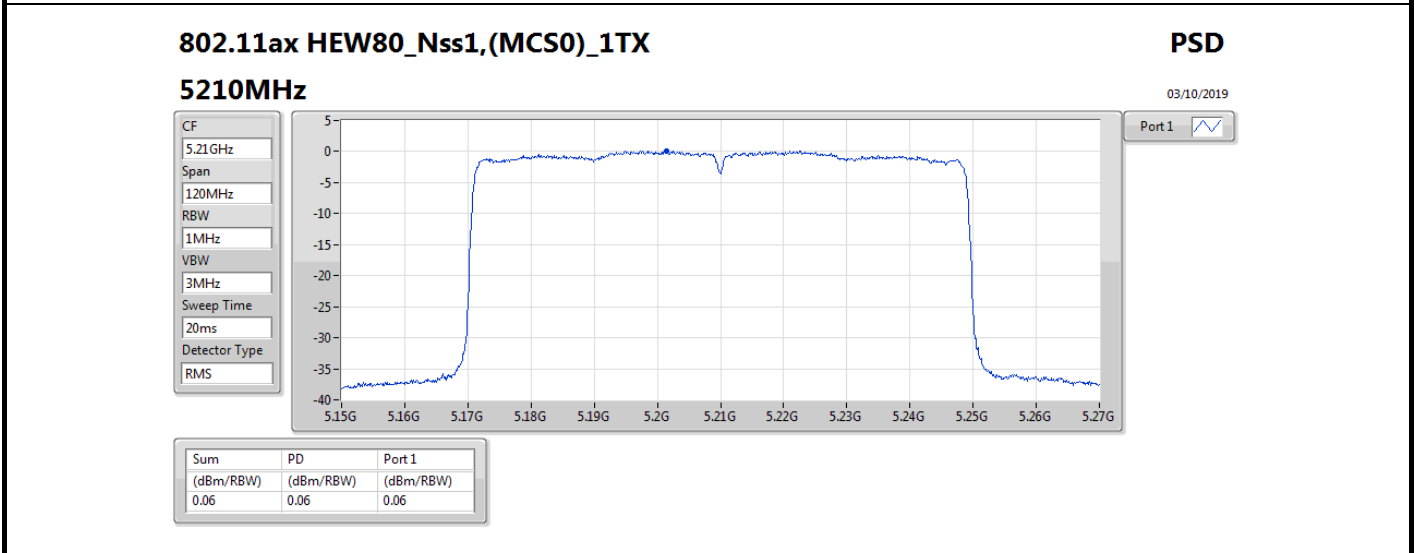
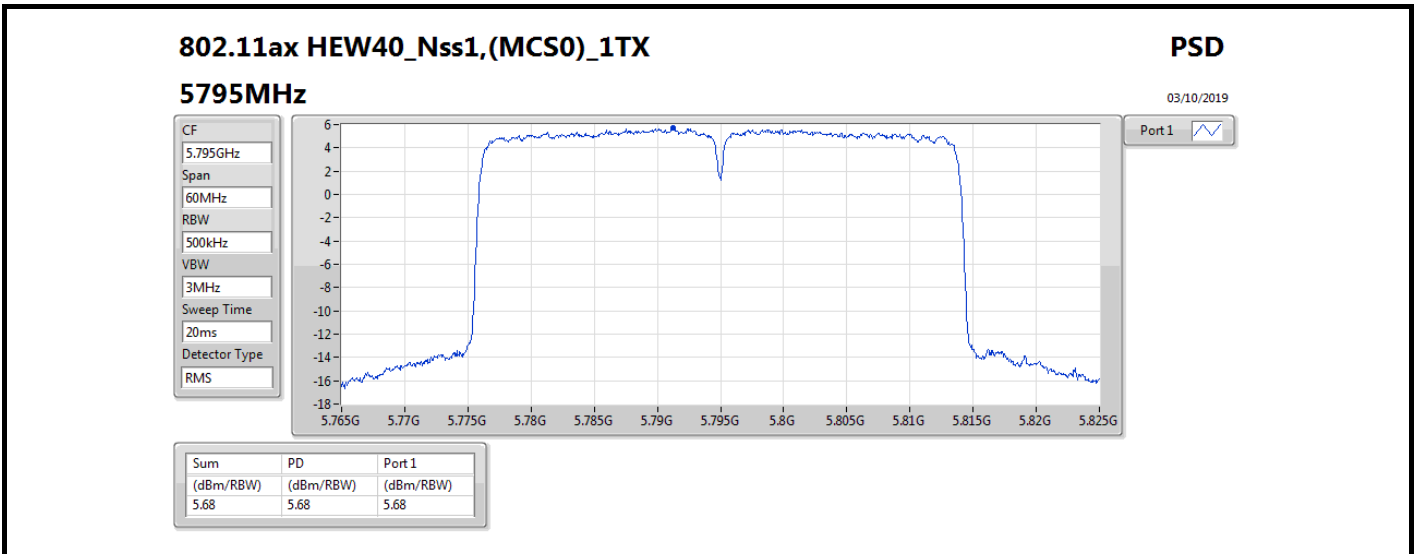
Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.36	1.36	1.36











Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	14.20
802.11ac VHT20_Nss2,(MCS0)_2TX	13.49
802.11ac VHT40_Nss2,(MCS0)_2TX	9.87
802.11ac VHT80_Nss2,(MCS0)_2TX	2.72
802.11ax HEW20_Nss2,(MCS0)_2TX	13.20
802.11ax HEW40_Nss2,(MCS0)_2TX	9.63
802.11ax HEW80_Nss2,(MCS0)_2TX	2.60
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	10.96
802.11ac VHT20_Nss2,(MCS0)_2TX	11.75
802.11ac VHT40_Nss2,(MCS0)_2TX	9.38
802.11ac VHT80_Nss2,(MCS0)_2TX	4.61
802.11ax HEW20_Nss2,(MCS0)_2TX	11.58
802.11ax HEW40_Nss2,(MCS0)_2TX	9.17
802.11ax HEW80_Nss2,(MCS0)_2TX	4.20

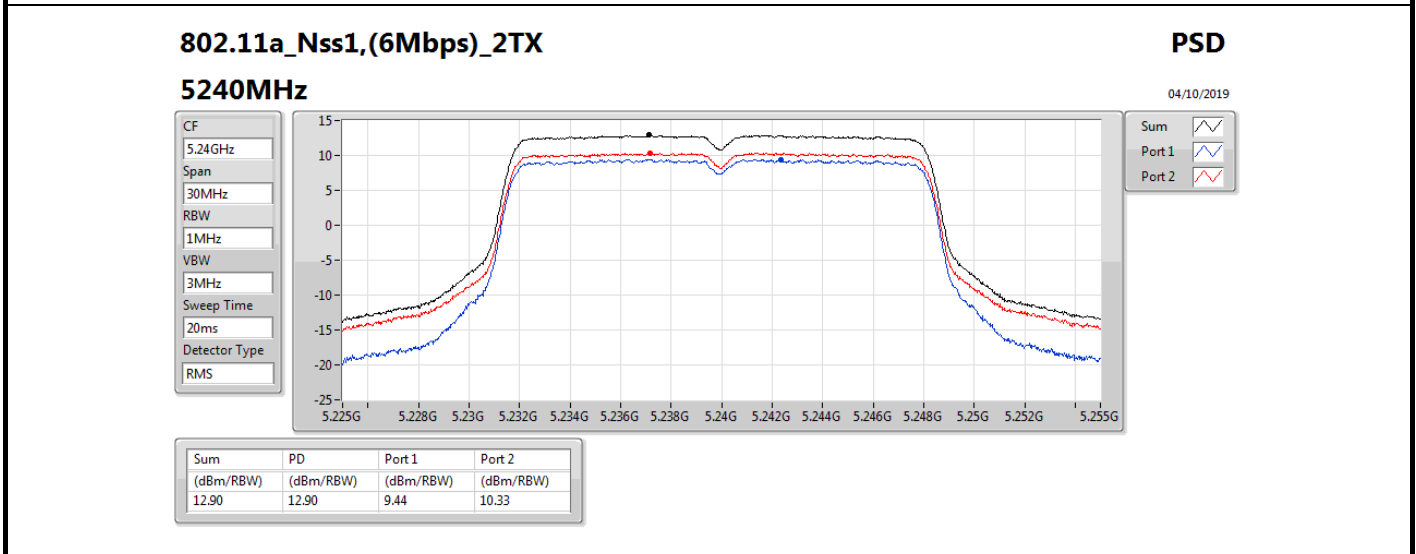
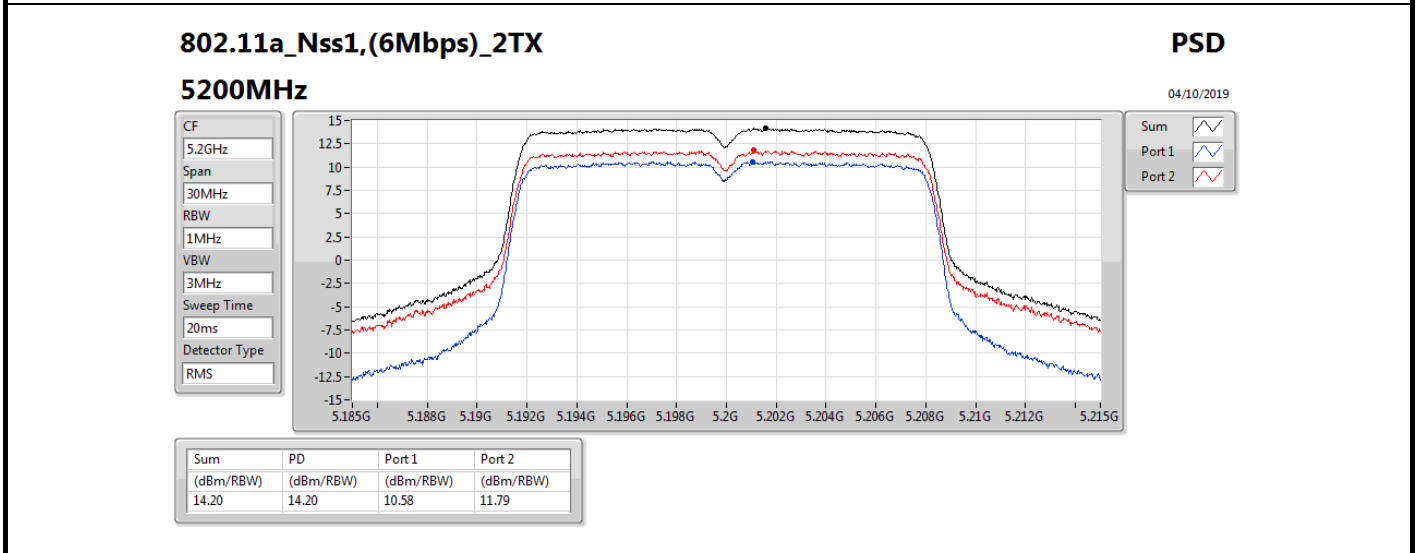
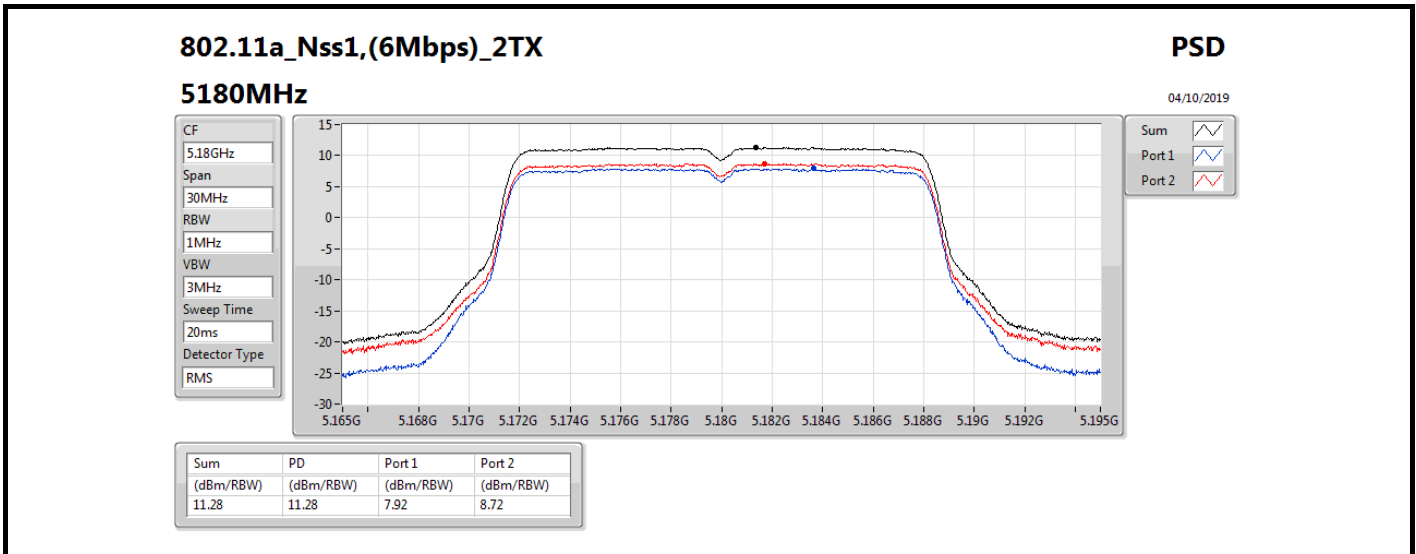
RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;



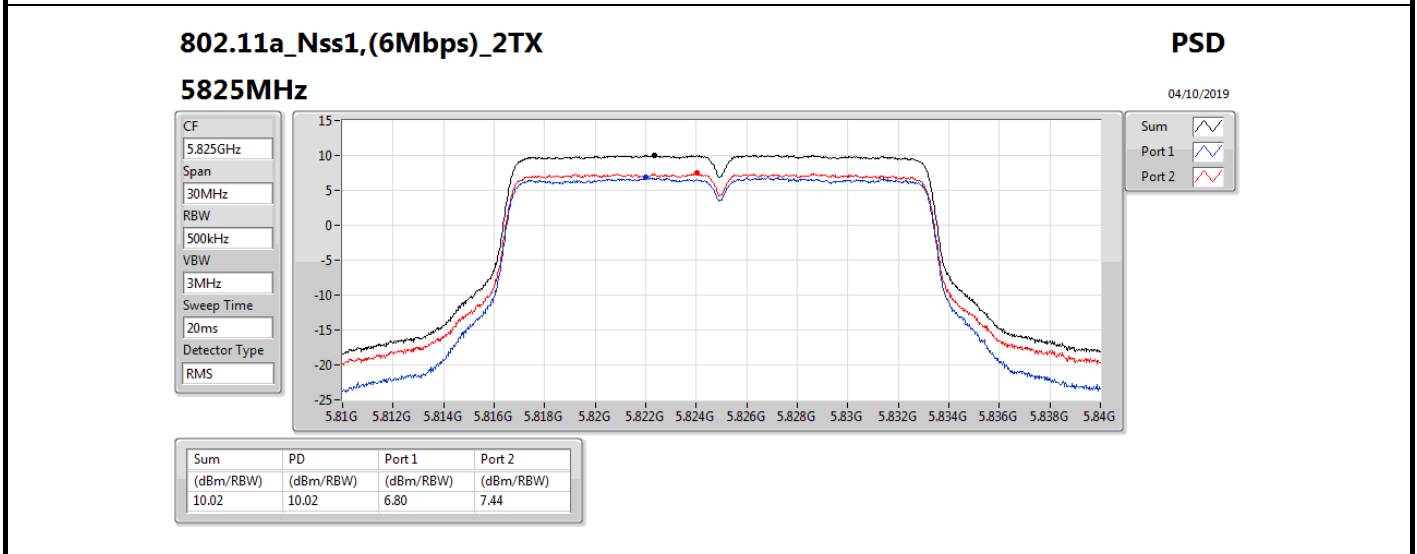
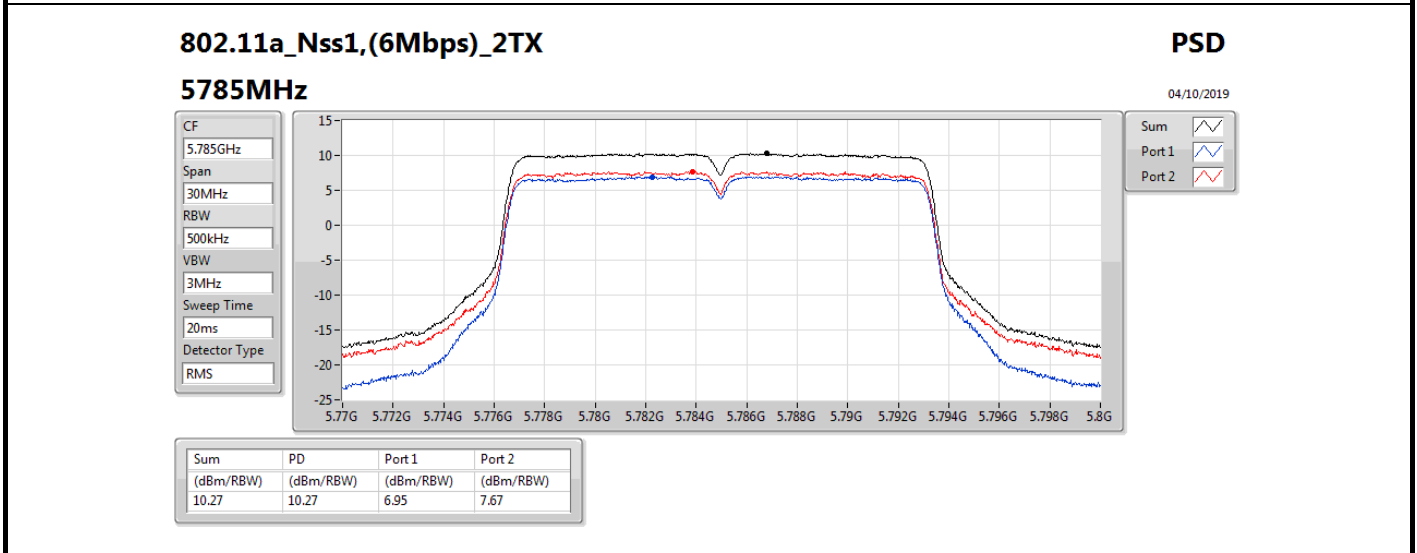
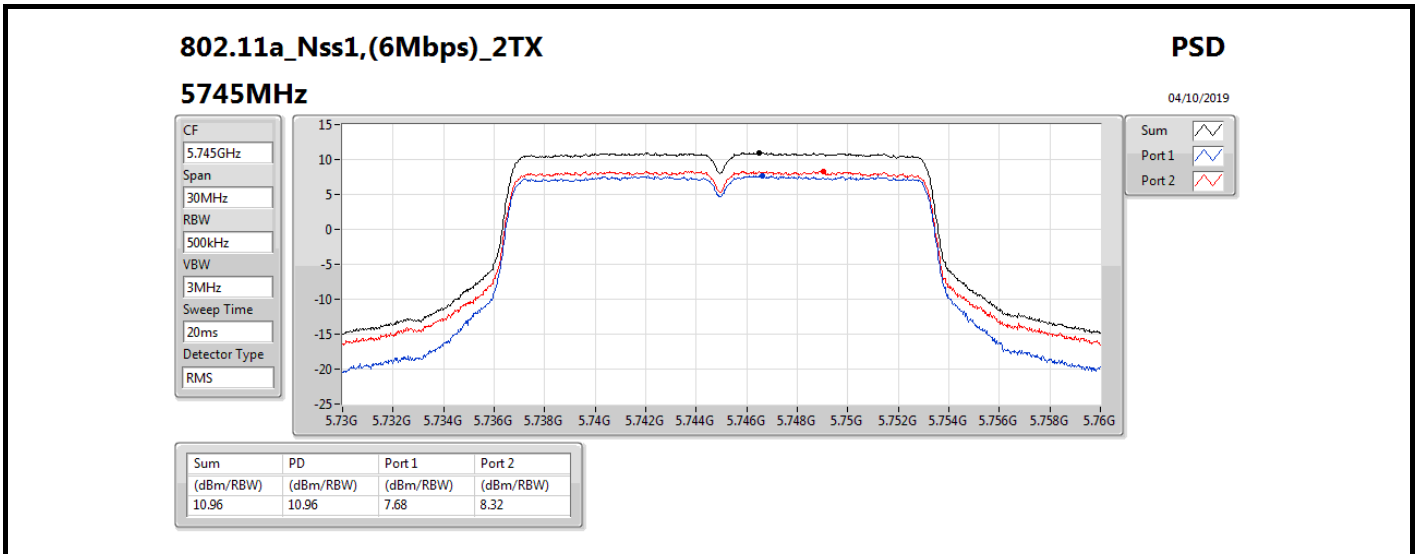
Result

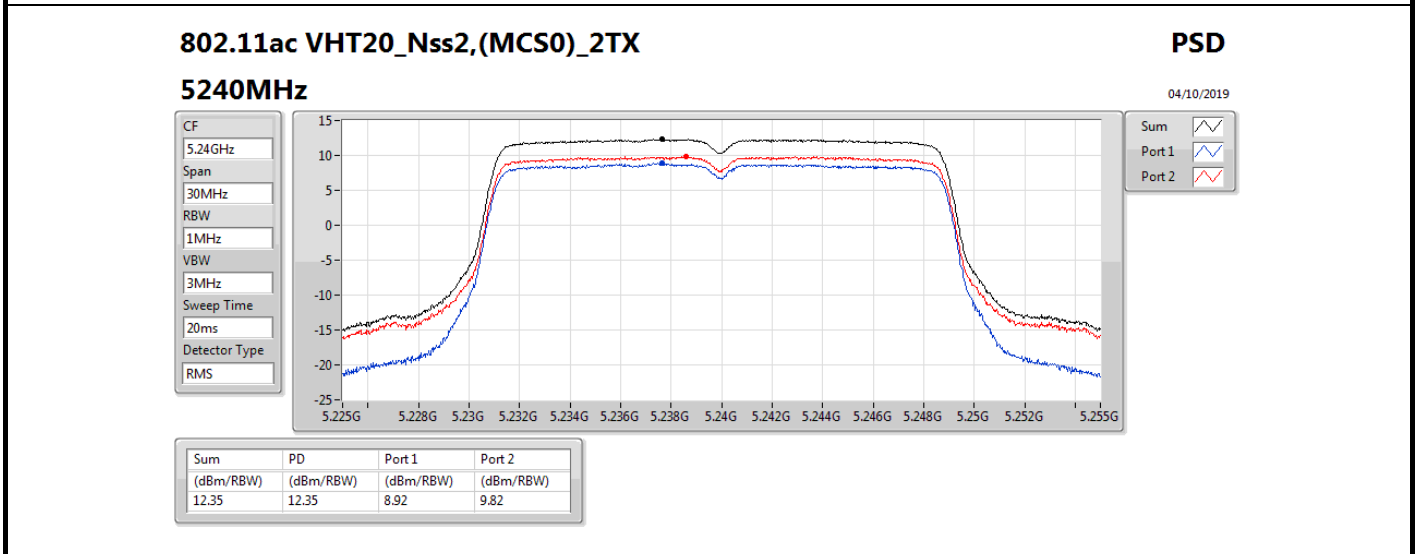
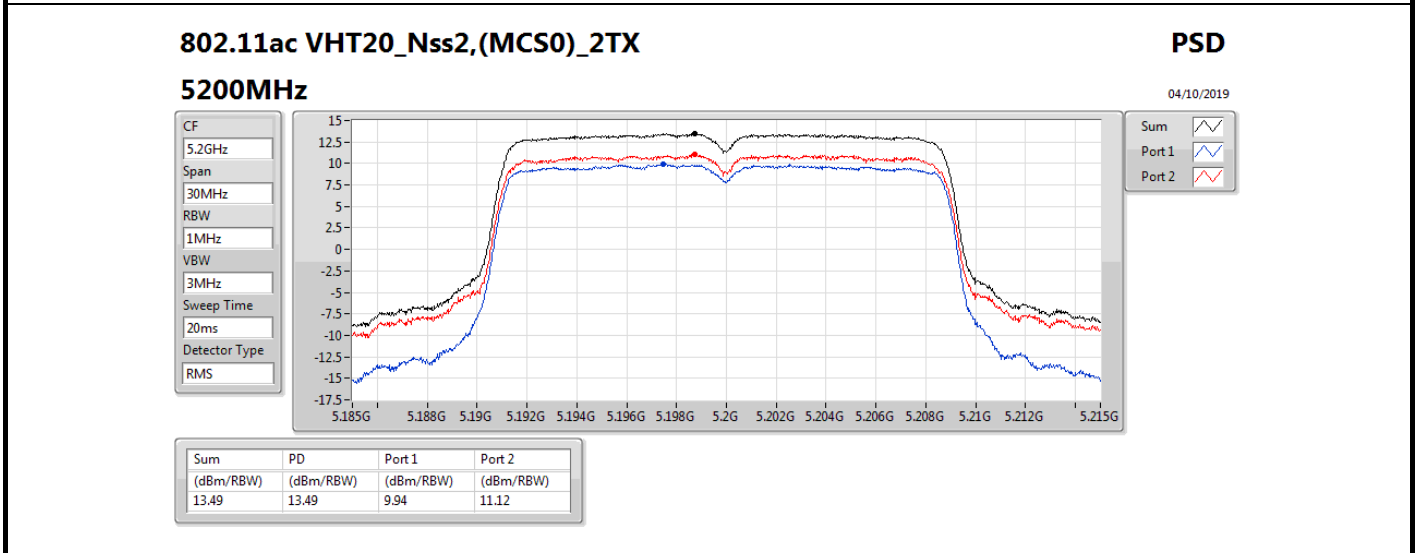
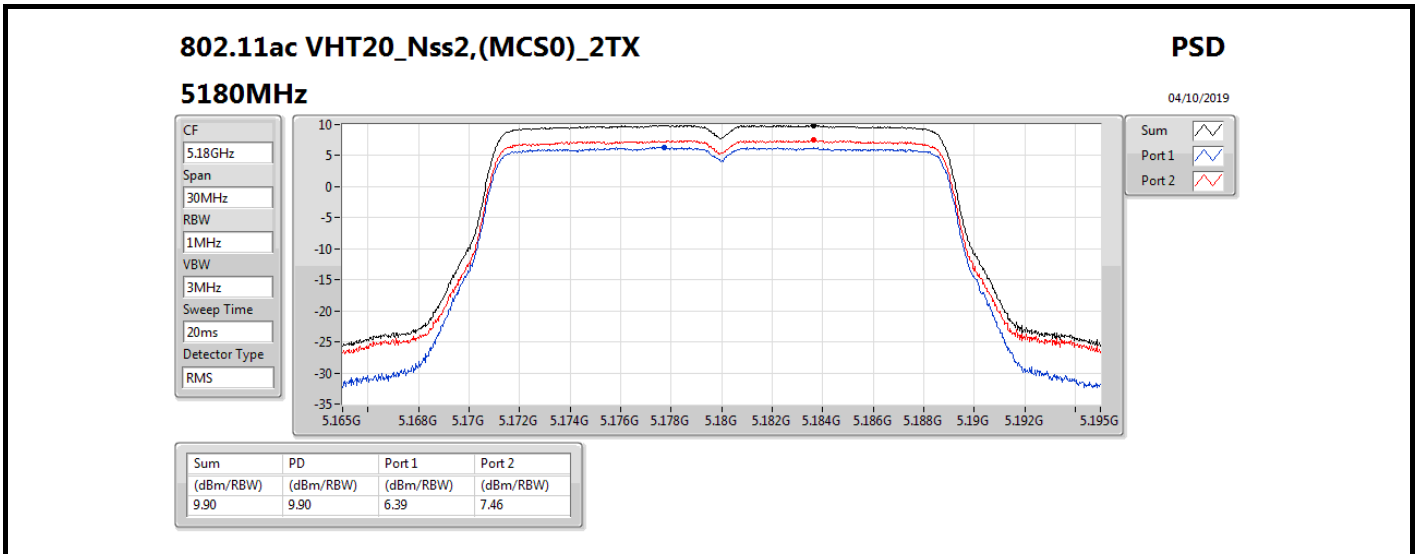
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.03	7.92	8.72	11.28	14.97
5200MHz	Pass	8.03	10.58	11.79	14.20	14.97
5240MHz	Pass	8.03	9.44	10.33	12.90	14.97
5745MHz	Pass	8.03	7.68	8.32	10.96	27.97
5785MHz	Pass	8.03	6.95	7.67	10.27	27.97
5825MHz	Pass	8.03	6.80	7.44	10.02	27.97
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.02	6.39	7.46	9.90	17.00
5200MHz	Pass	5.02	9.94	11.12	13.49	17.00
5240MHz	Pass	5.02	8.92	9.82	12.35	17.00
5745MHz	Pass	5.02	8.33	9.10	11.68	30.00
5785MHz	Pass	5.02	7.25	7.67	10.40	30.00
5825MHz	Pass	5.02	8.50	9.11	11.75	30.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.02	1.50	2.45	4.94	17.00
5230MHz	Pass	5.02	6.42	7.34	9.87	17.00
5755MHz	Pass	5.02	6.43	6.50	9.38	30.00
5795MHz	Pass	5.02	5.12	5.72	8.34	30.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.02	-0.75	0.37	2.72	17.00
5775MHz	Pass	5.02	1.22	2.07	4.61	30.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	5.02	6.44	7.59	10.03	17.00
5200MHz	Pass	5.02	9.61	10.76	13.20	17.00
5240MHz	Pass	5.02	8.74	9.72	12.19	17.00
5745MHz	Pass	5.02	8.15	8.96	11.52	30.00
5785MHz	Pass	5.02	7.03	7.49	10.25	30.00
5825MHz	Pass	5.02	8.20	8.95	11.58	30.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	5.02	1.11	2.22	4.65	17.00
5230MHz	Pass	5.02	6.26	7.13	9.63	17.00
5755MHz	Pass	5.02	6.07	6.38	9.17	30.00
5795MHz	Pass	5.02	5.04	5.52	8.21	30.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	5.02	-0.95	0.17	2.60	17.00
5775MHz	Pass	5.02	1.08	1.41	4.20	30.00

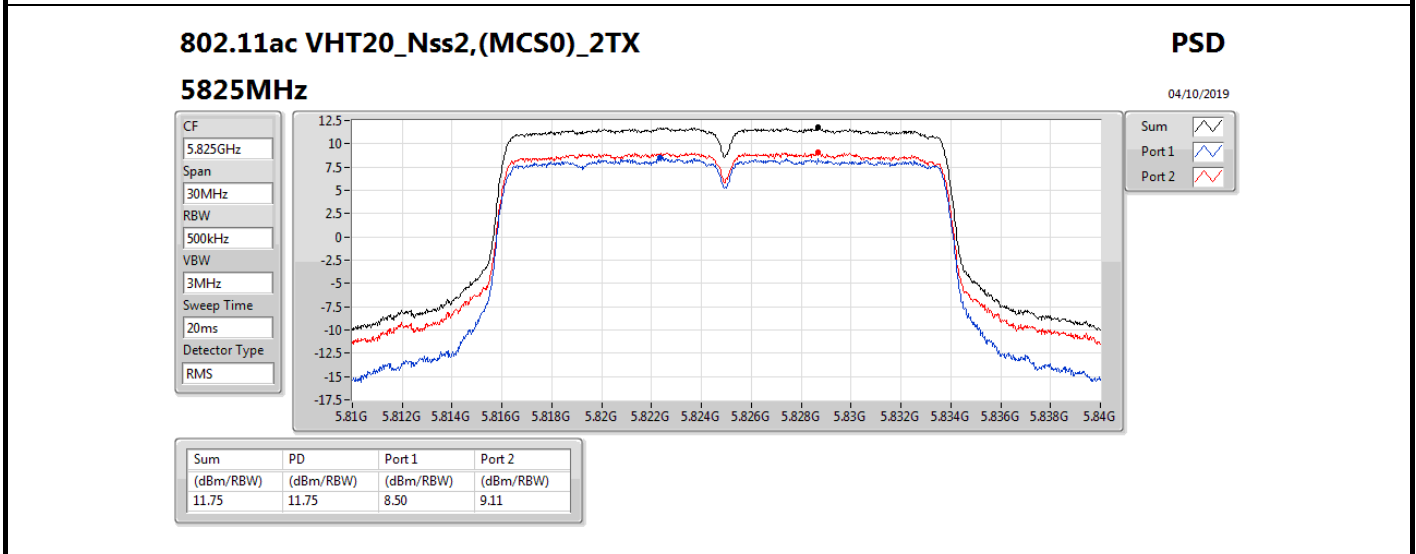
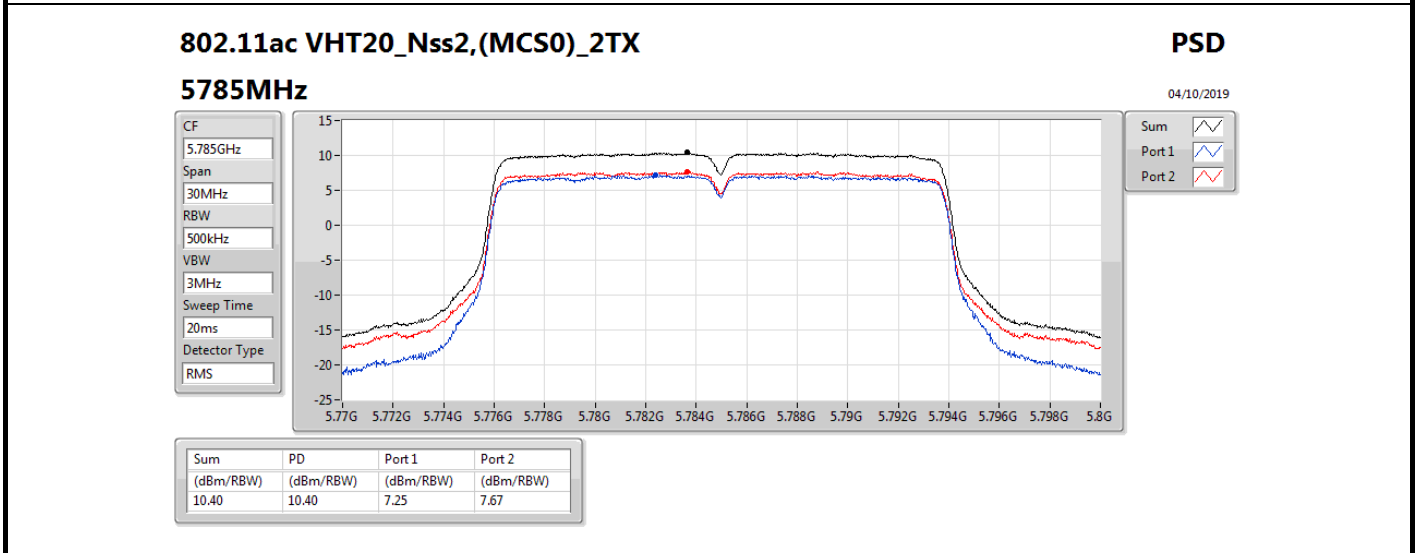
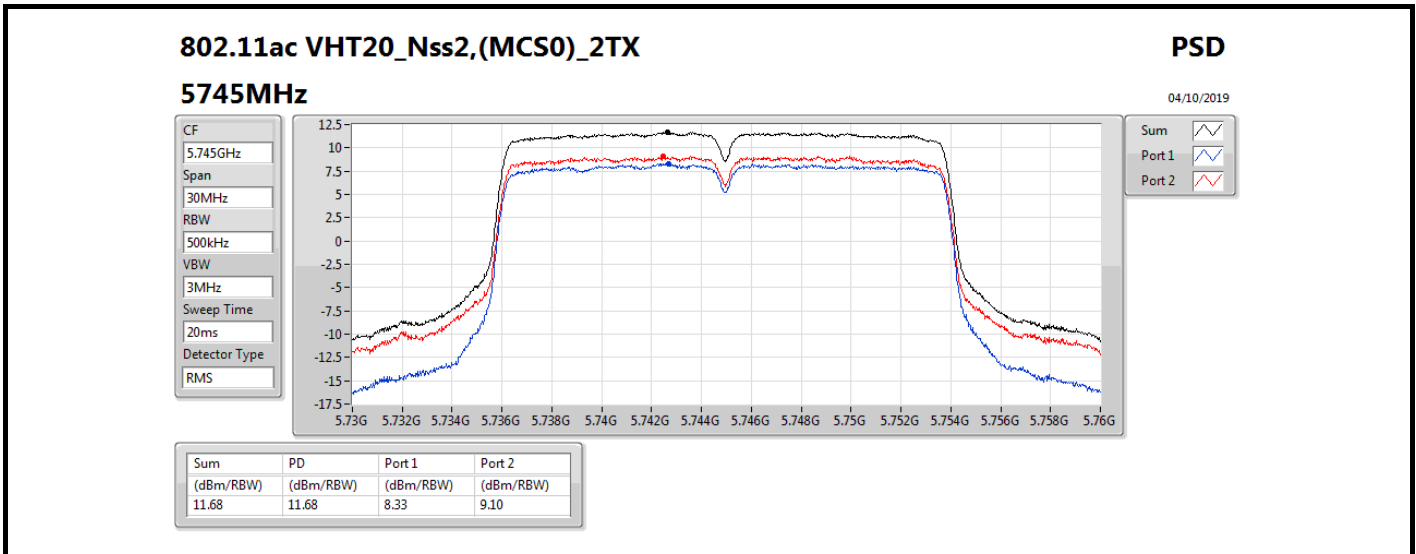
DG = Directional Gain; RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

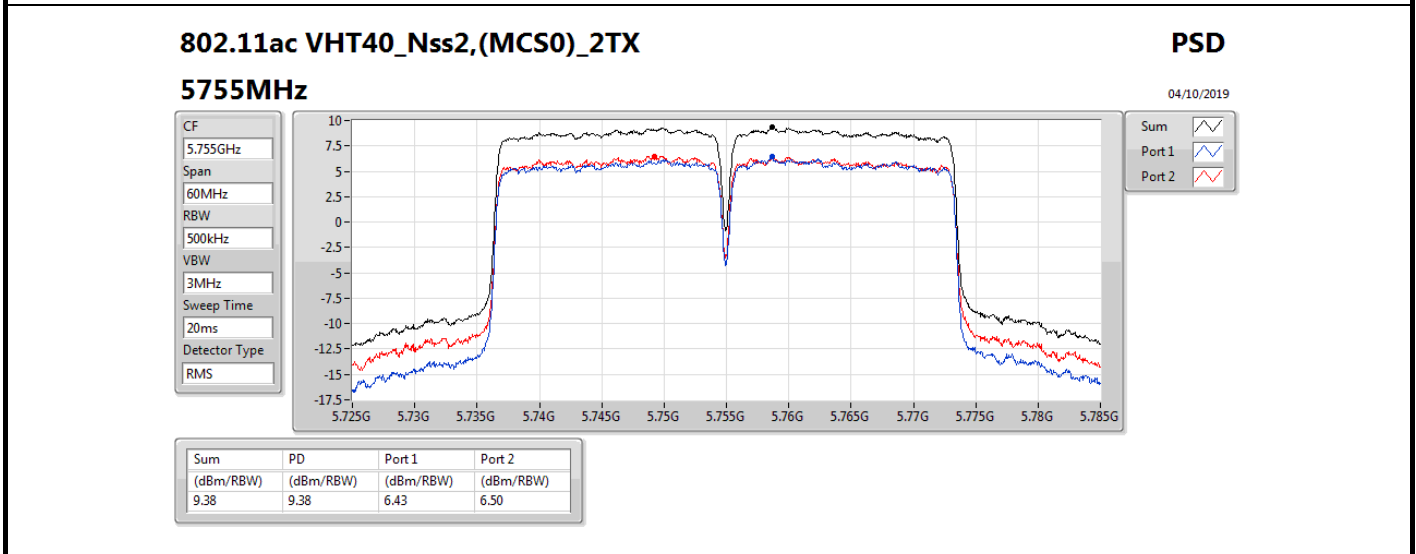
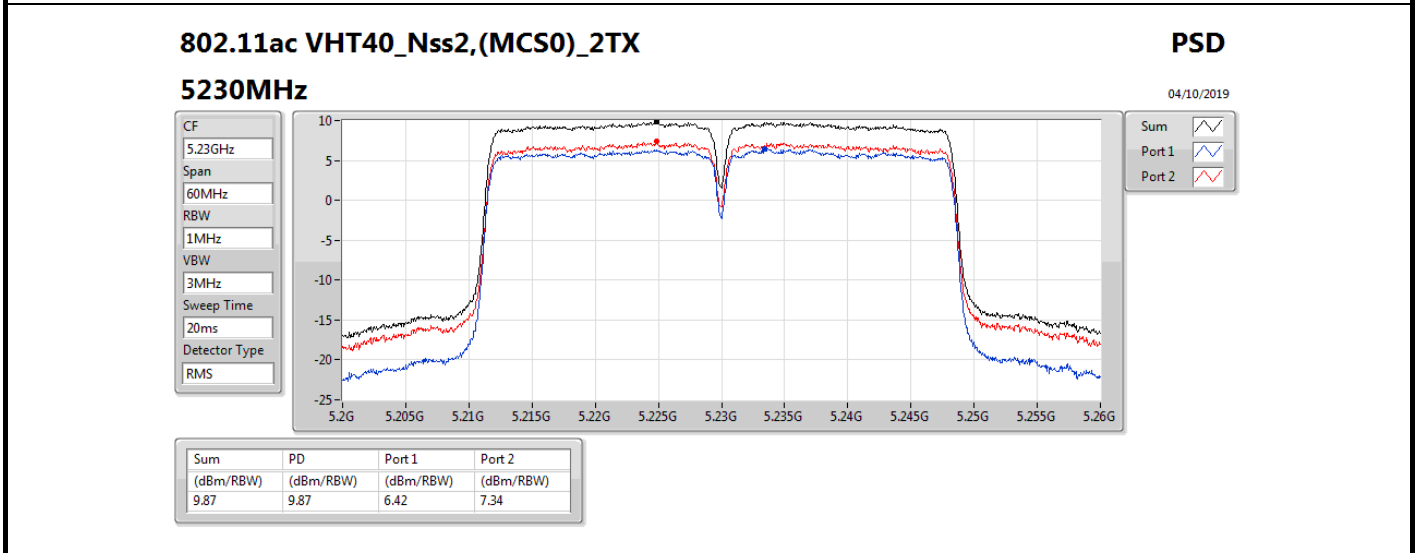
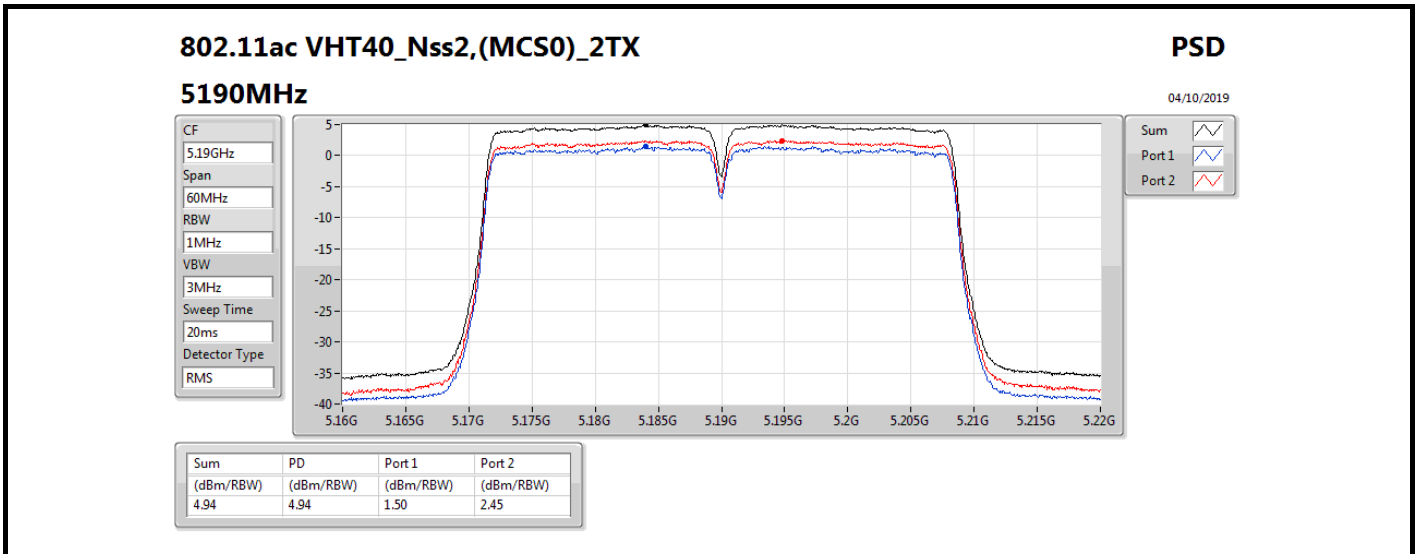


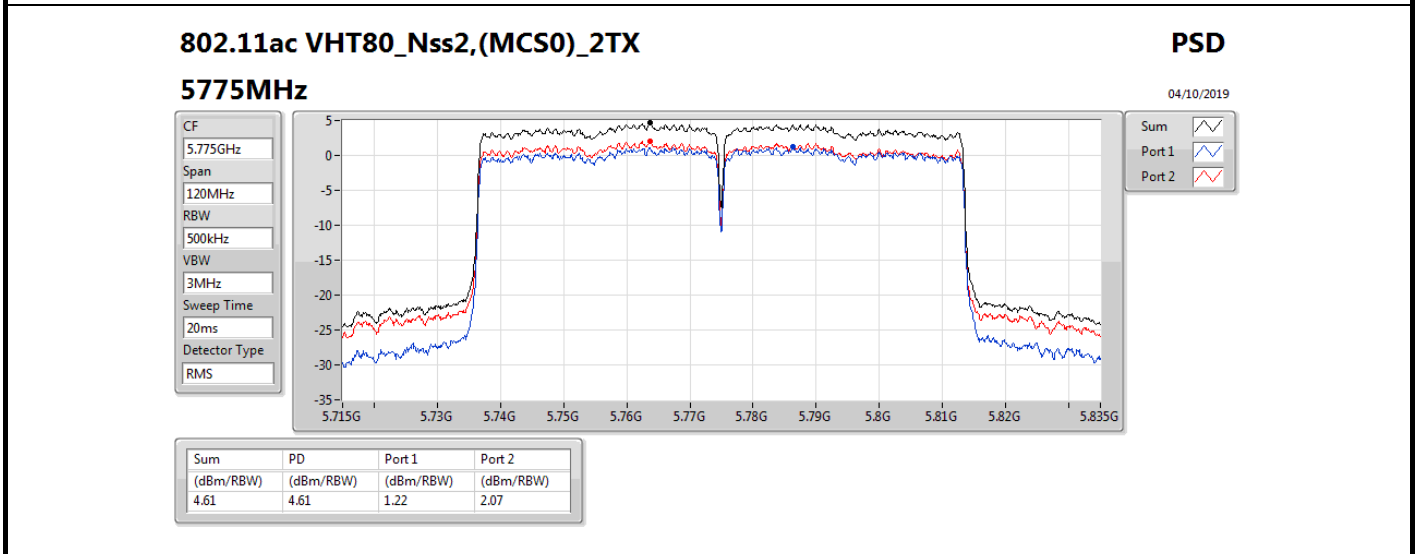
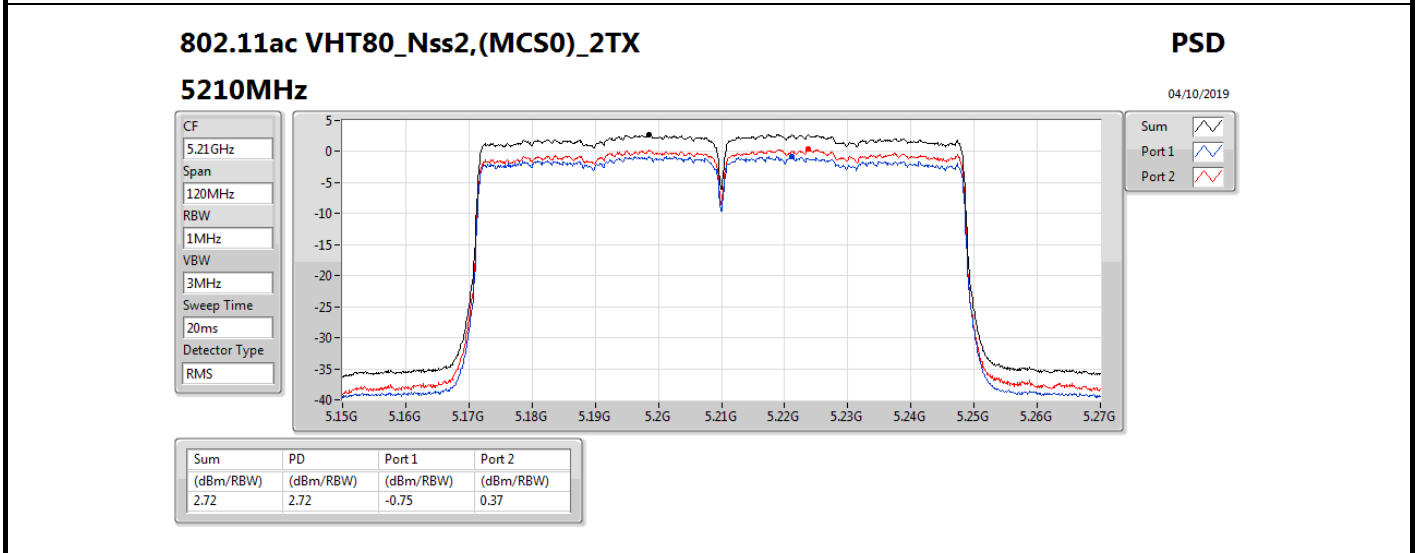
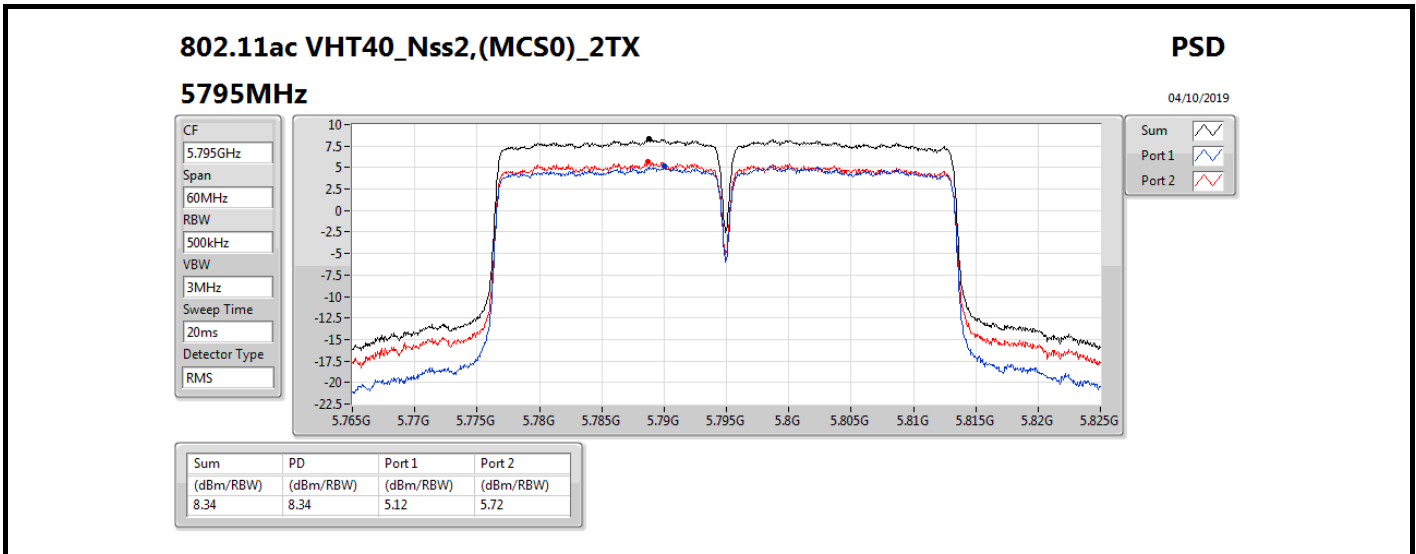


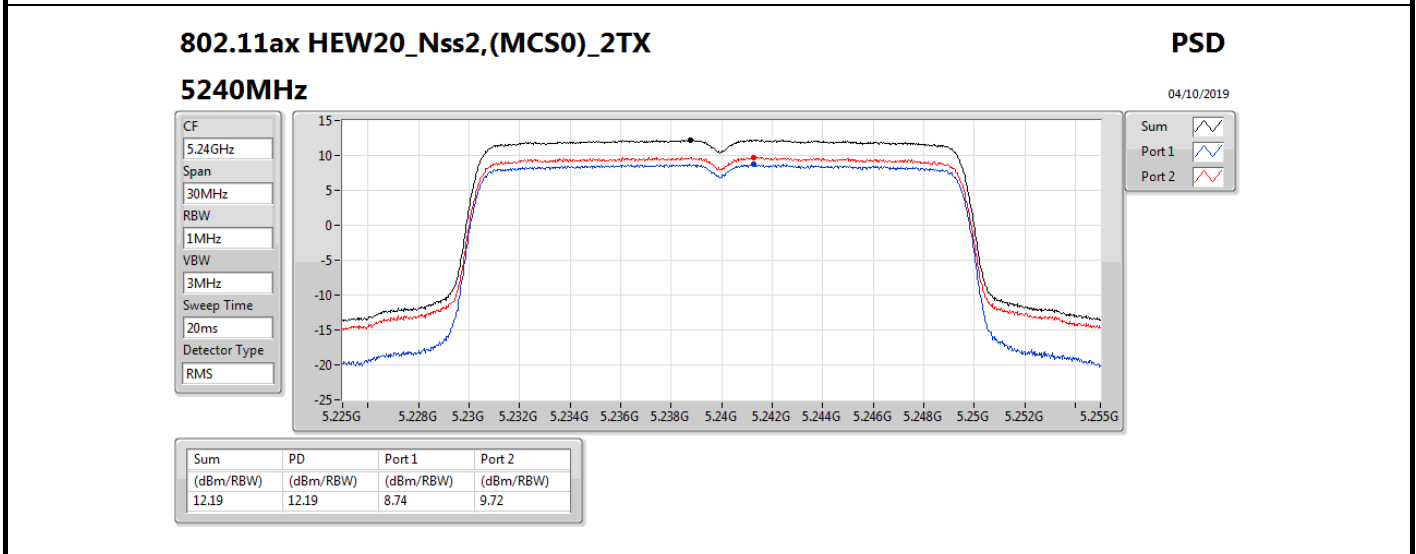
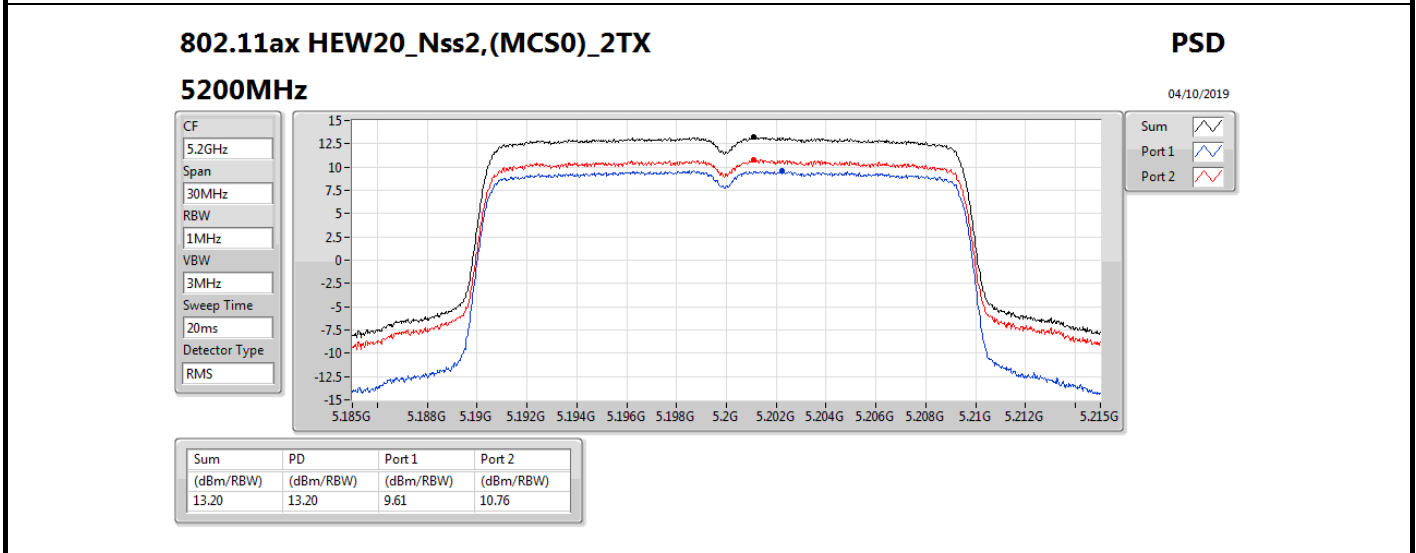
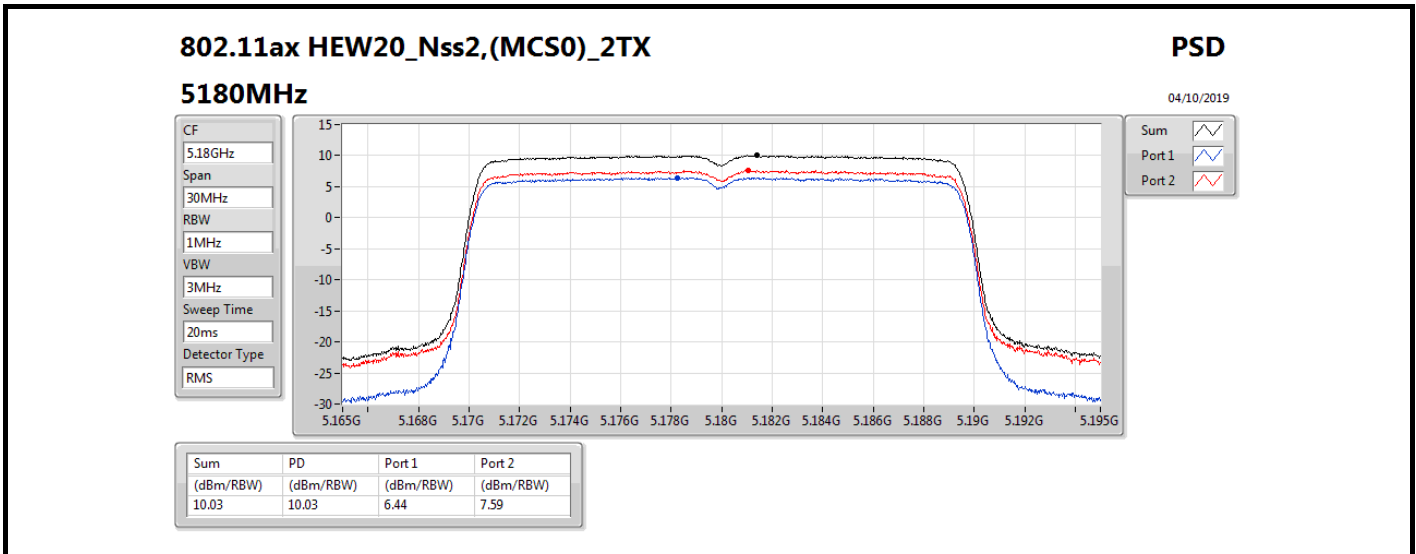












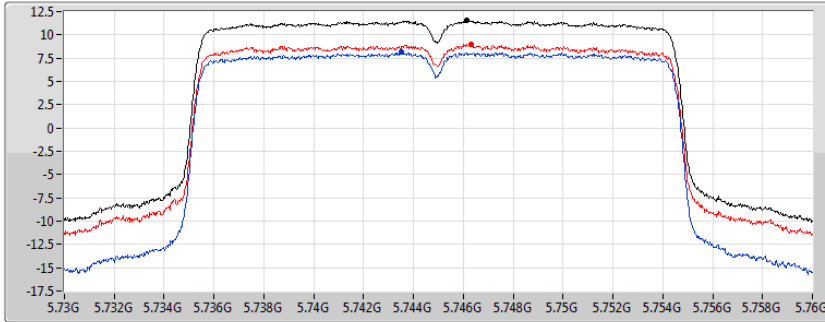
802.11ax HEW20\_Nss2,(MCS0)\_2TX




PSD

5745MHz

04/10/2019

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.52	11.52	8.15	8.96

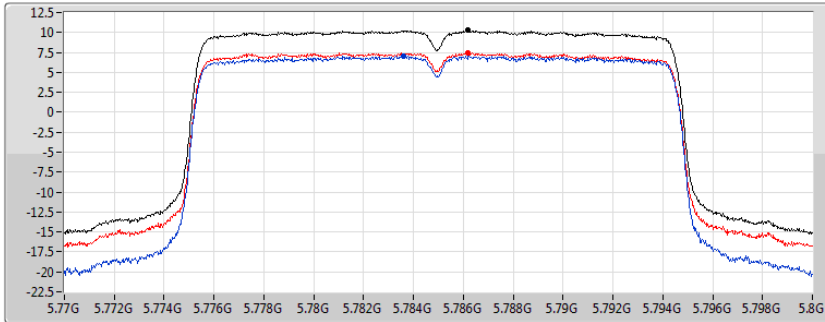
802.11ax HEW20\_Nss2,(MCS0)\_2TX




PSD

5785MHz

04/10/2019

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.25	10.25	7.03	7.49

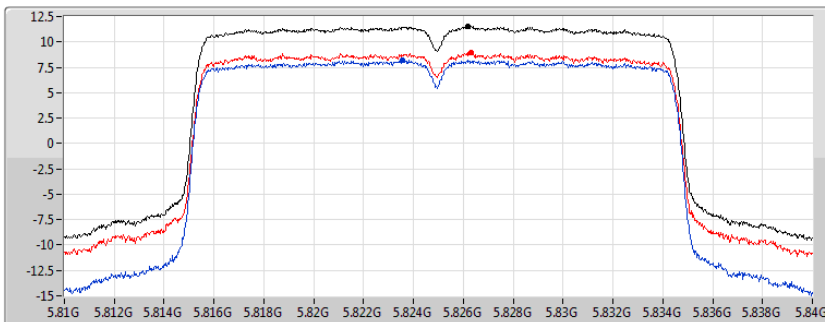
802.11ax HEW20\_Nss2,(MCS0)\_2TX




PSD

5825MHz

04/10/2019

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum   
Port 1   
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.58	11.58	8.20	8.95

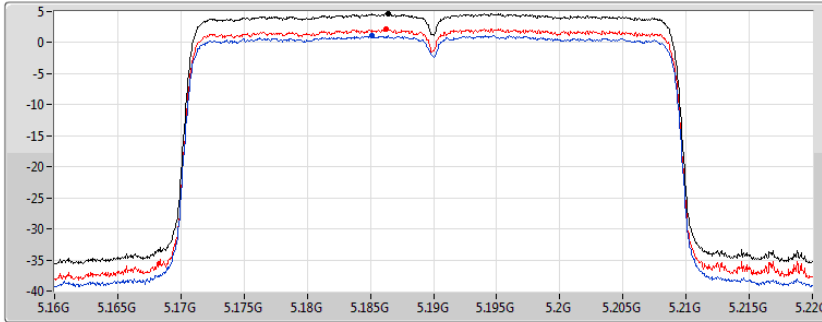
802.11ax HEW40\_Nss2,(MCS0)\_2TX

PSD

5190MHz

04/10/2019

CF  
5.19GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.65	4.65	1.11	2.22

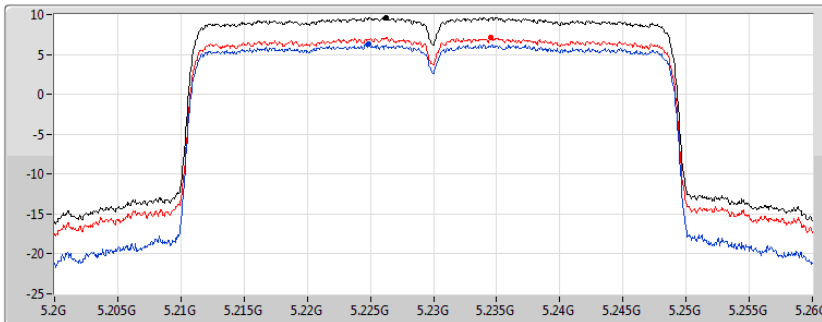
802.11ax HEW40\_Nss2,(MCS0)\_2TX

PSD

5230MHz

04/10/2019

CF  
5.23GHz  
Span  
60MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.63	9.63	6.26	7.13

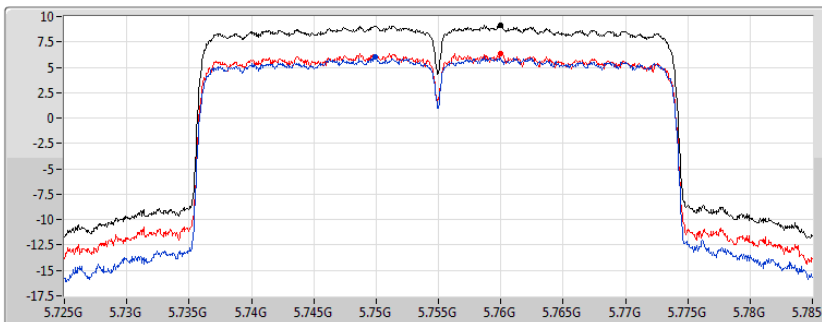
802.11ax HEW40\_Nss2,(MCS0)\_2TX

PSD

5755MHz

04/10/2019

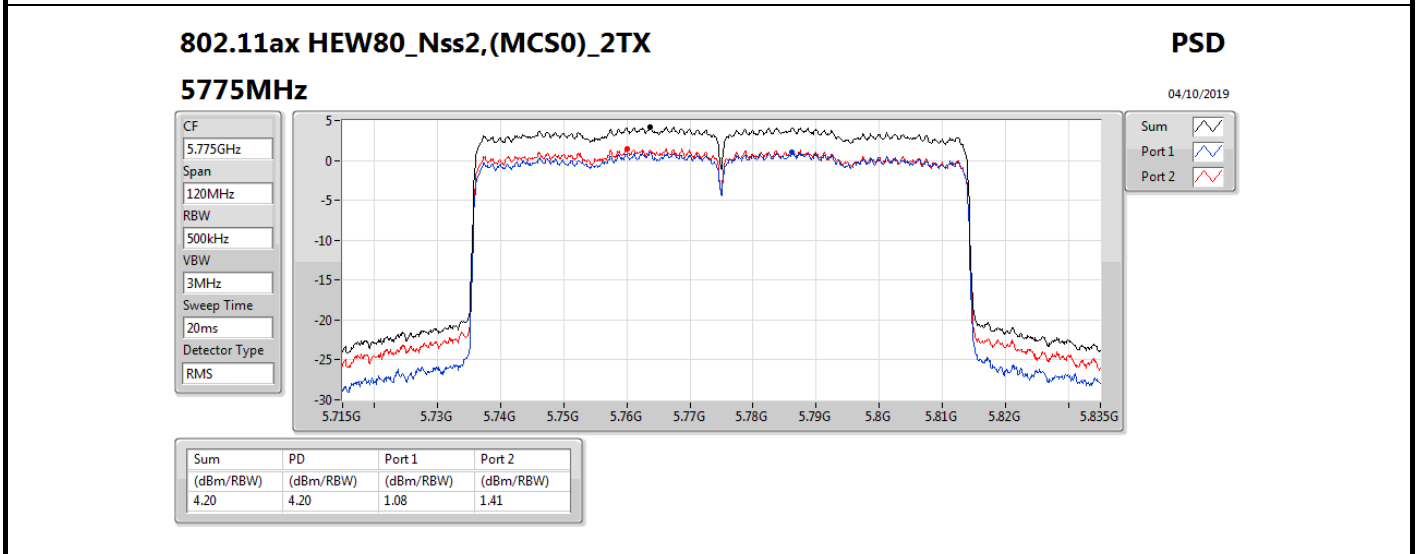
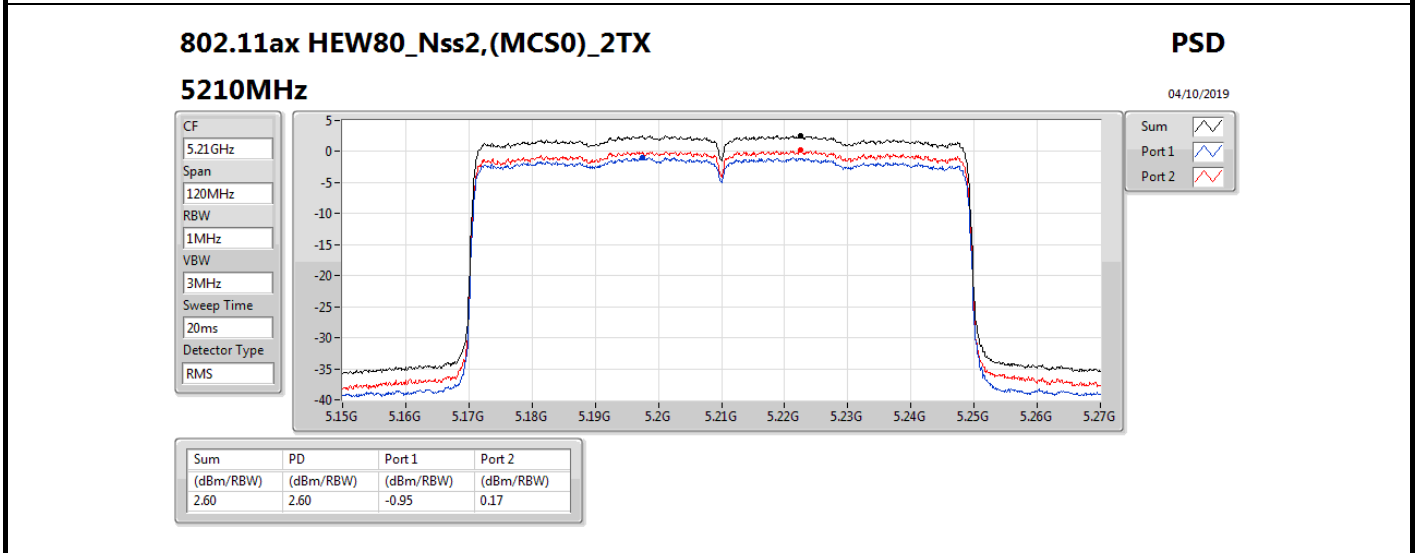
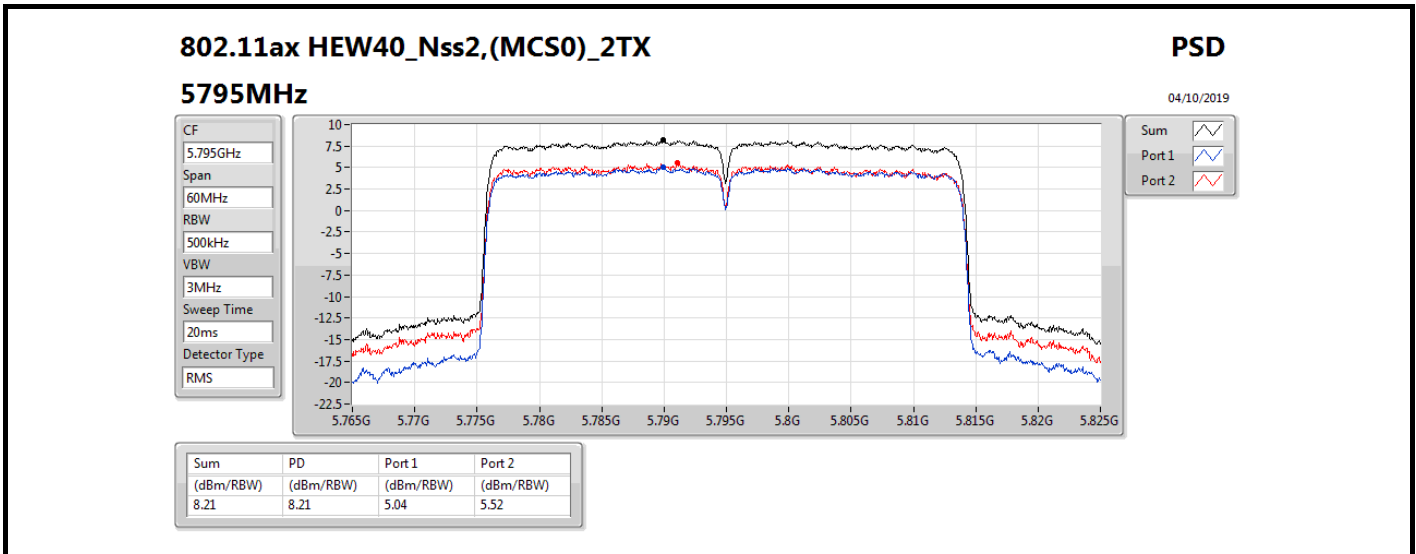
CF  
5.755GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.17	9.17	6.07	6.38







Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	12.85
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	9.24
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.44
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	13.19
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.62
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.48
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	9.84
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.39
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	3.02
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	10.16
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.63
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.04

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

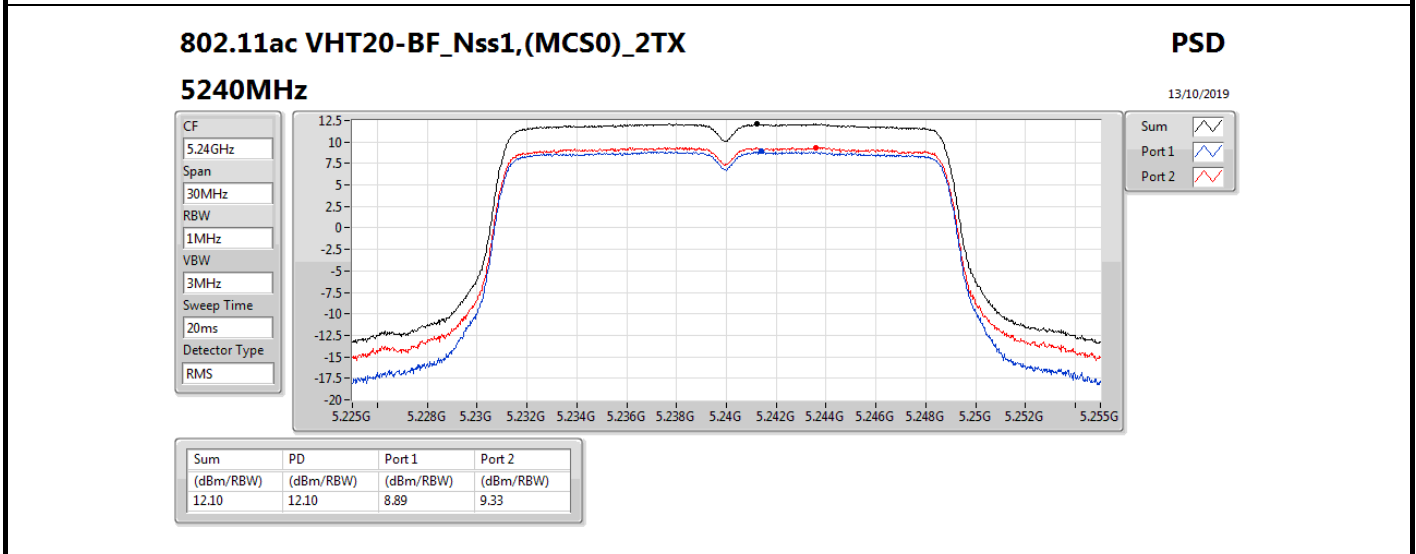
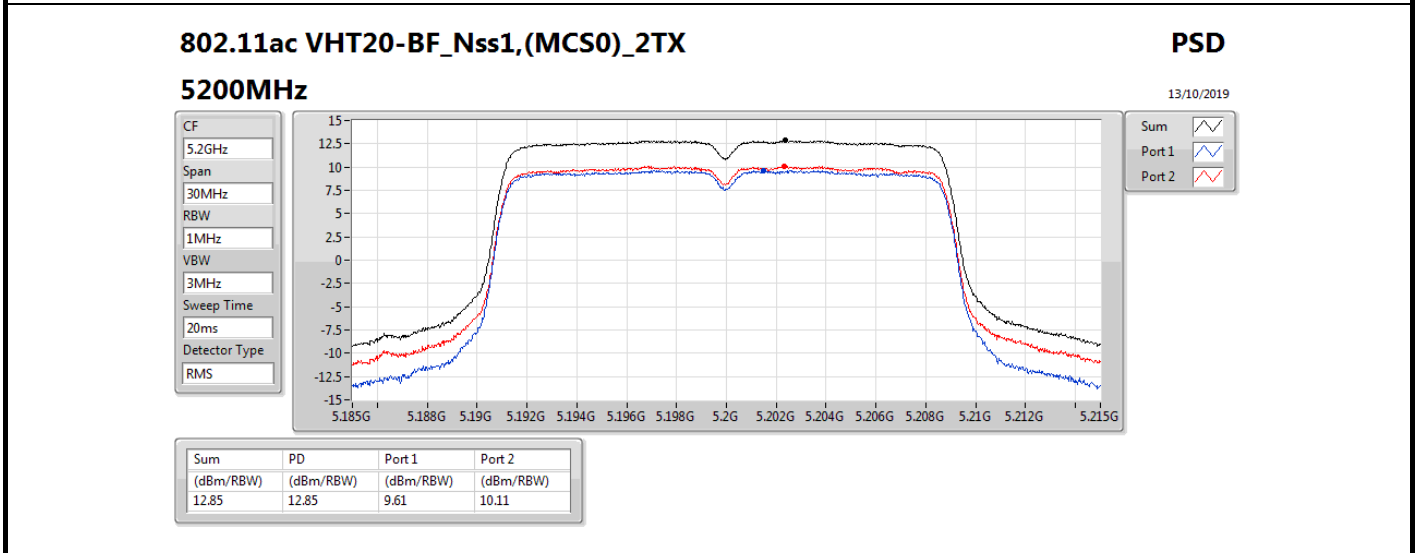
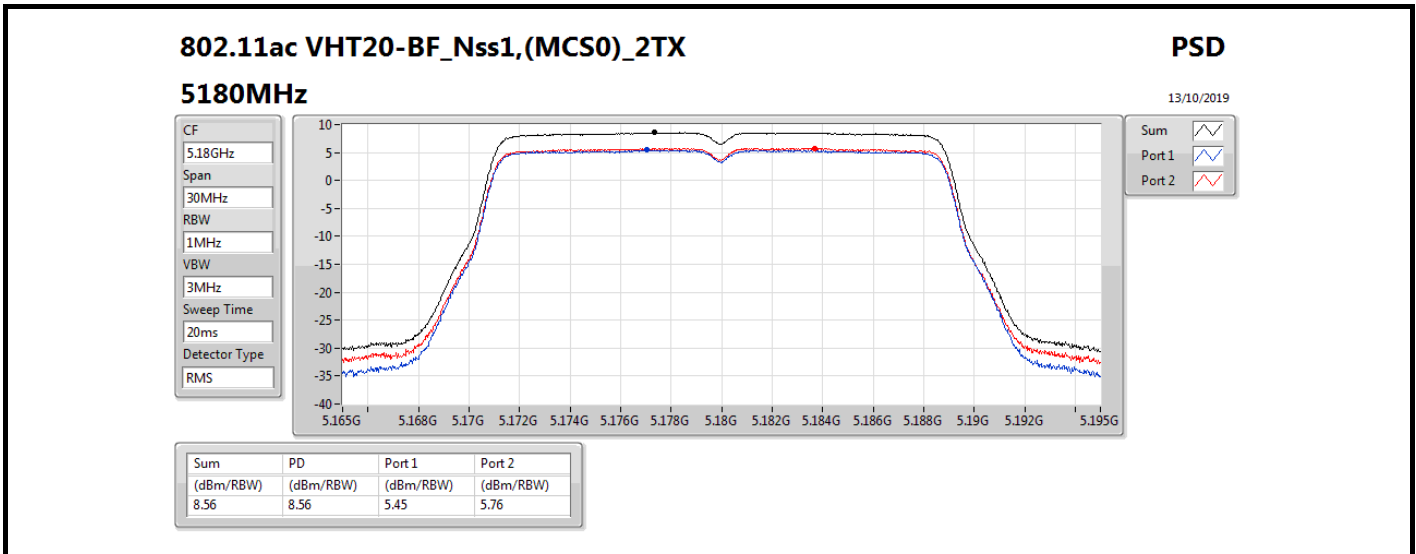


Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.03	5.45	5.76	8.56	14.97
5200MHz	Pass	8.03	9.61	10.11	12.85	14.97
5240MHz	Pass	8.03	8.89	9.33	12.10	14.97
5745MHz	Pass	8.03	6.16	5.92	8.95	27.97
5785MHz	Pass	8.03	5.77	5.16	8.37	27.97
5825MHz	Pass	8.03	7.15	6.62	9.84	27.97
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.03	1.57	1.73	4.57	14.97
5230MHz	Pass	8.03	6.24	6.42	9.24	14.97
5755MHz	Pass	8.03	3.71	2.90	6.29	27.97
5795MHz	Pass	8.03	3.68	3.07	6.39	27.97
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.03	-0.67	-0.37	2.44	14.97
5775MHz	Pass	8.03	-0.06	0.16	3.02	27.97
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.03	5.82	6.36	9.01	14.97
5200MHz	Pass	8.03	9.96	10.46	13.19	14.97
5240MHz	Pass	8.03	9.18	9.65	12.38	14.97
5745MHz	Pass	8.03	6.47	6.07	9.20	27.97
5785MHz	Pass	8.03	6.19	5.54	8.85	27.97
5825MHz	Pass	8.03	7.52	6.94	10.16	27.97
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.03	1.98	2.13	5.00	14.97
5230MHz	Pass	8.03	6.68	6.64	9.62	14.97
5755MHz	Pass	8.03	3.97	3.23	6.63	27.97
5795MHz	Pass	8.03	3.96	3.26	6.60	27.97
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.03	-0.67	-0.19	2.48	14.97
5775MHz	Pass	8.03	0.11	0.19	3.04	27.97

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;



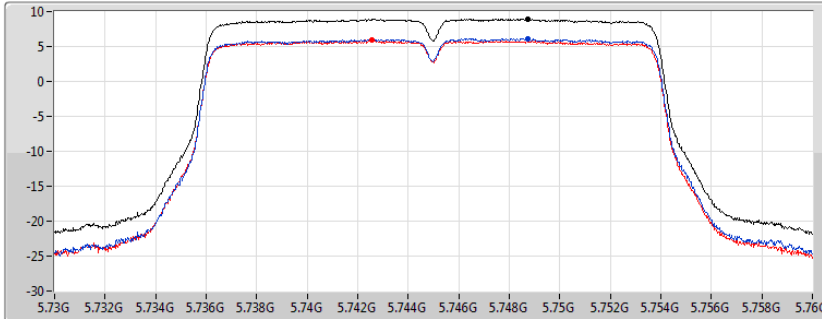
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

PSD

5745MHz

16/10/2019

CF  
5.745GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.95	8.95	6.16	5.92

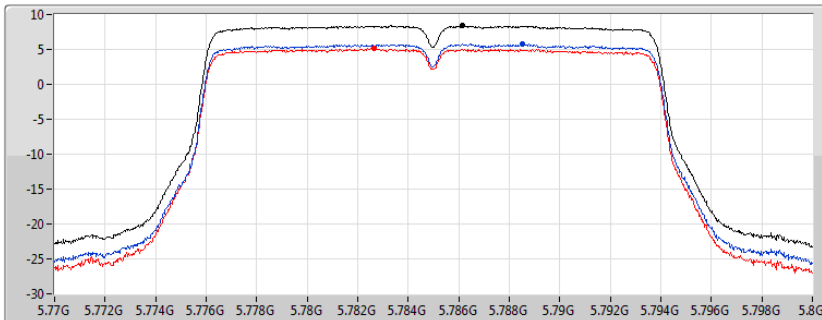
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

PSD

5785MHz

16/10/2019

CF  
5.785GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.37	8.37	5.77	5.16

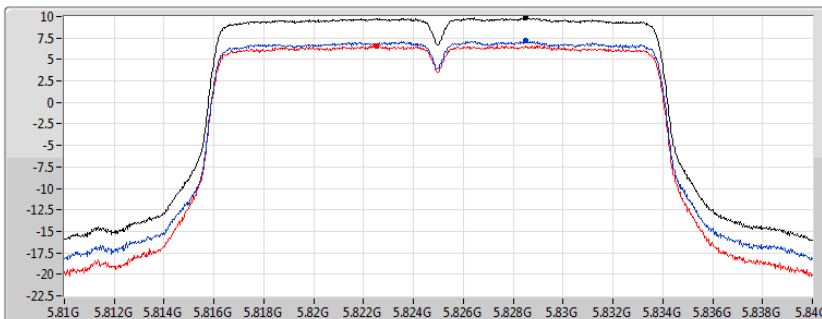
802.11ac VHT20-BF\_Nss1,(MCS0)\_2TX

PSD

5825MHz

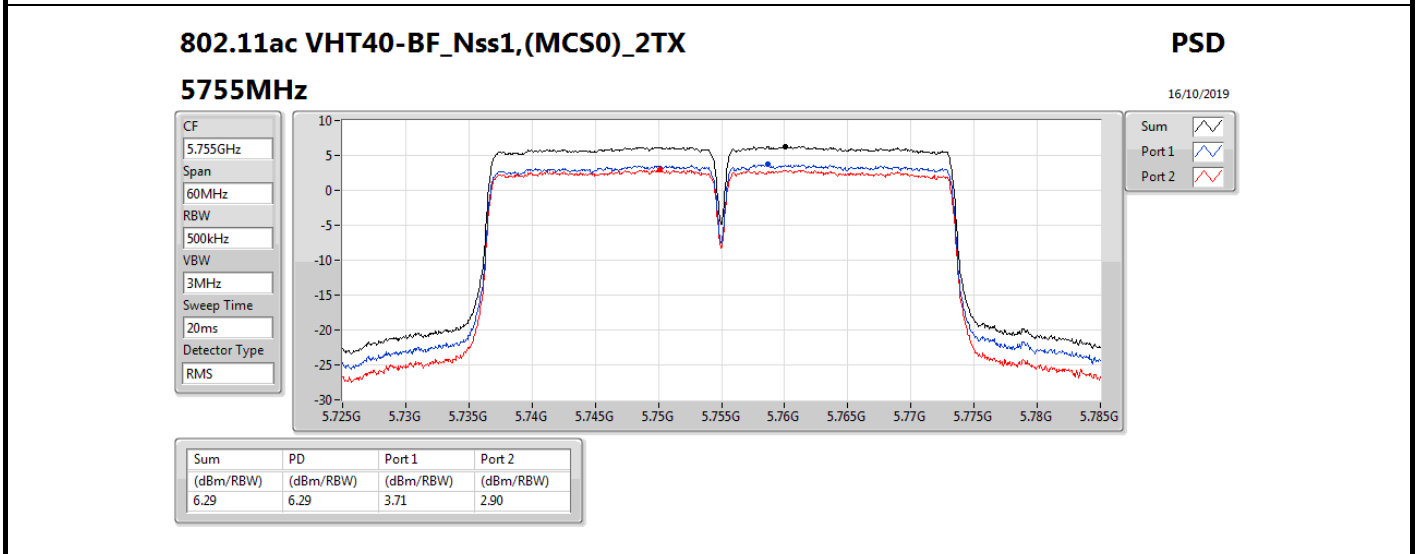
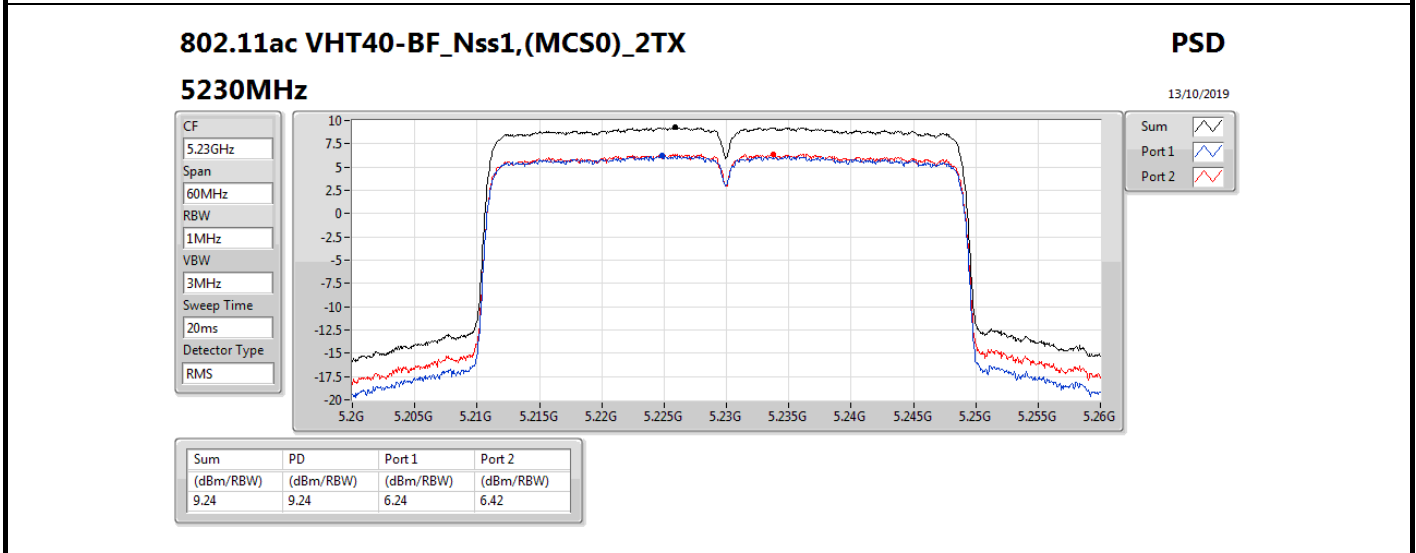
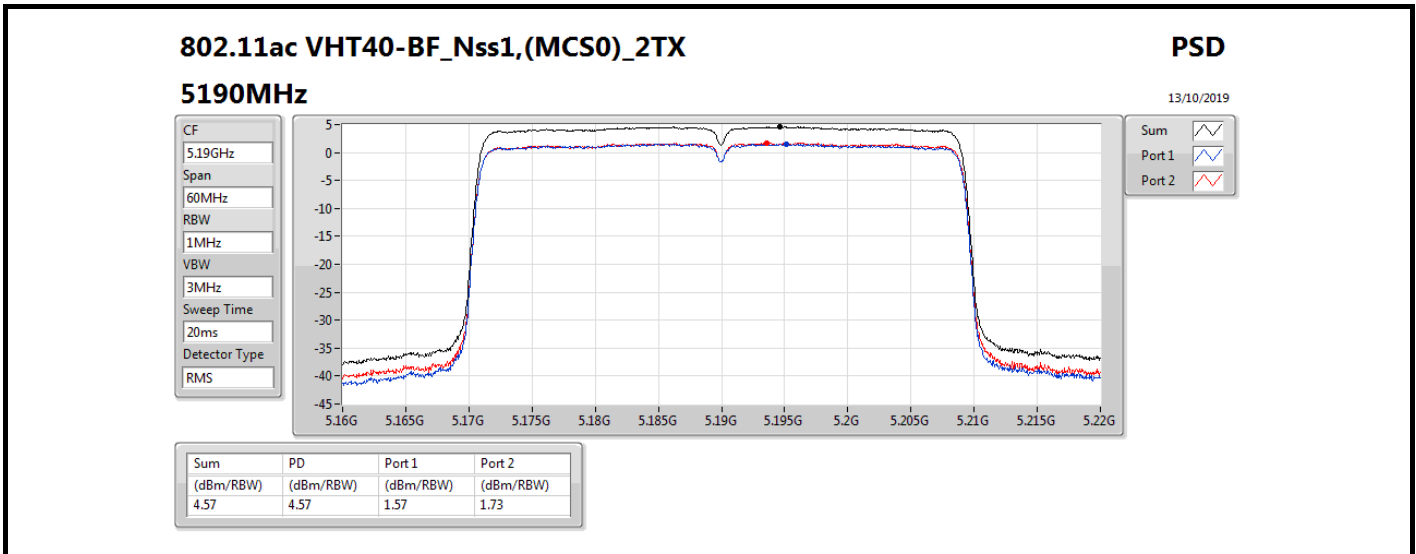
16/10/2019

CF  
5.825GHz  
Span  
30MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.84	9.84	7.15	6.62



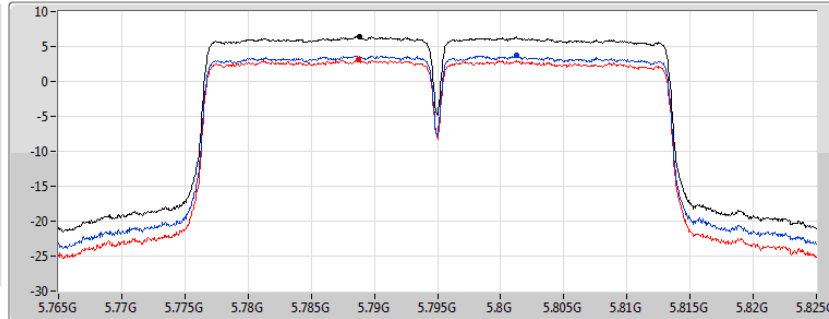
802.11ac VHT40-BF\_Nss1,(MCS0)\_2TX

PSD

5795MHz

16/10/2019

CF  
5.795GHz  
Span  
60MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.39	6.39	3.68	3.07

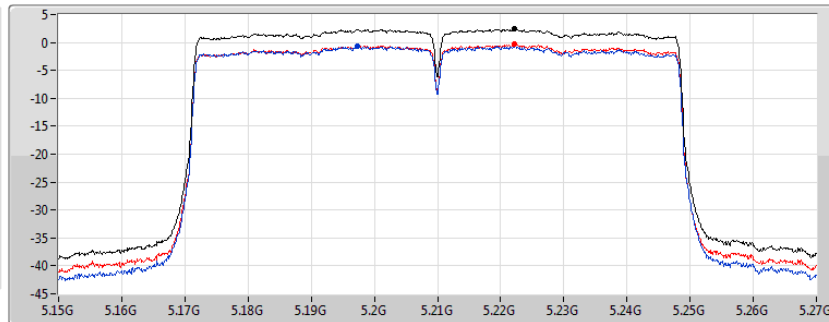
802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

PSD

5210MHz

13/10/2019

CF  
5.21GHz  
Span  
120MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.44	2.44	-0.67	-0.37

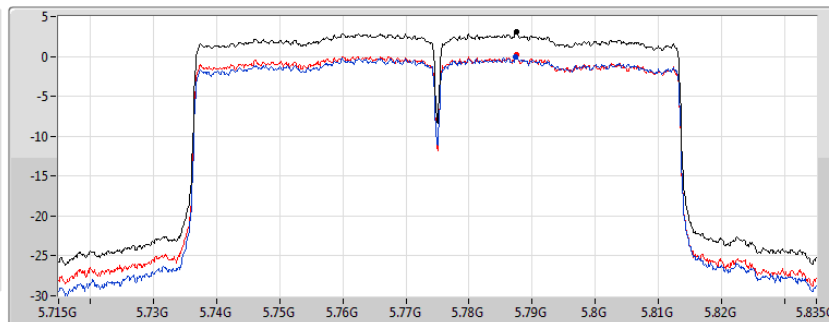
802.11ac VHT80-BF\_Nss1,(MCS0)\_2TX

PSD

5775MHz

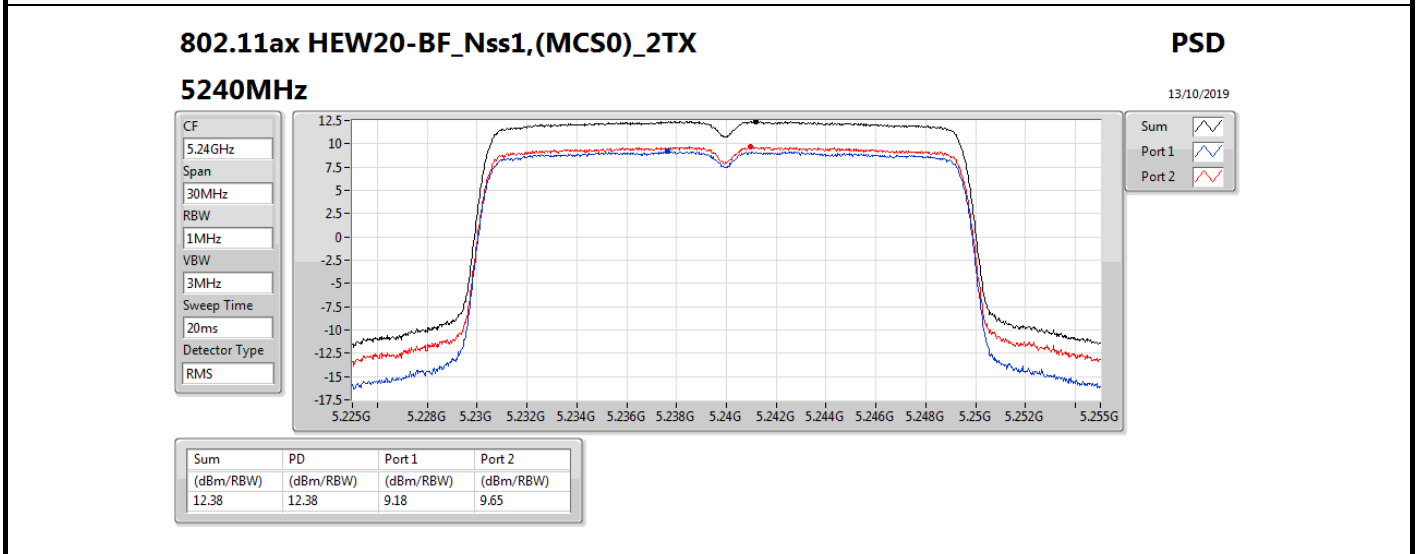
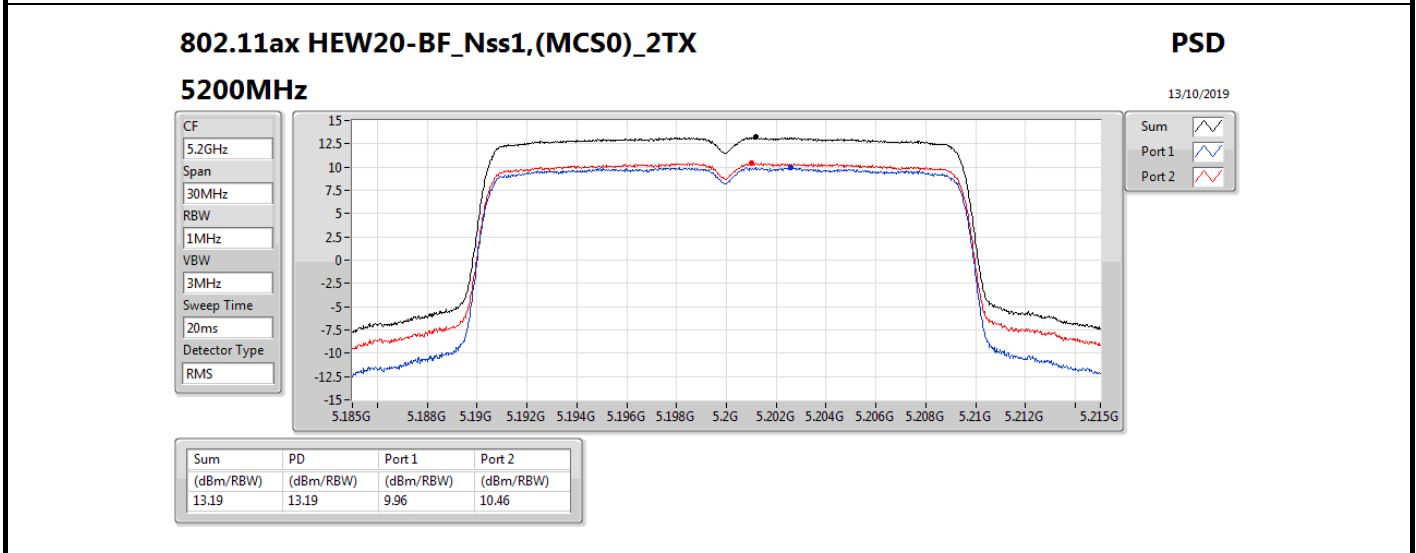
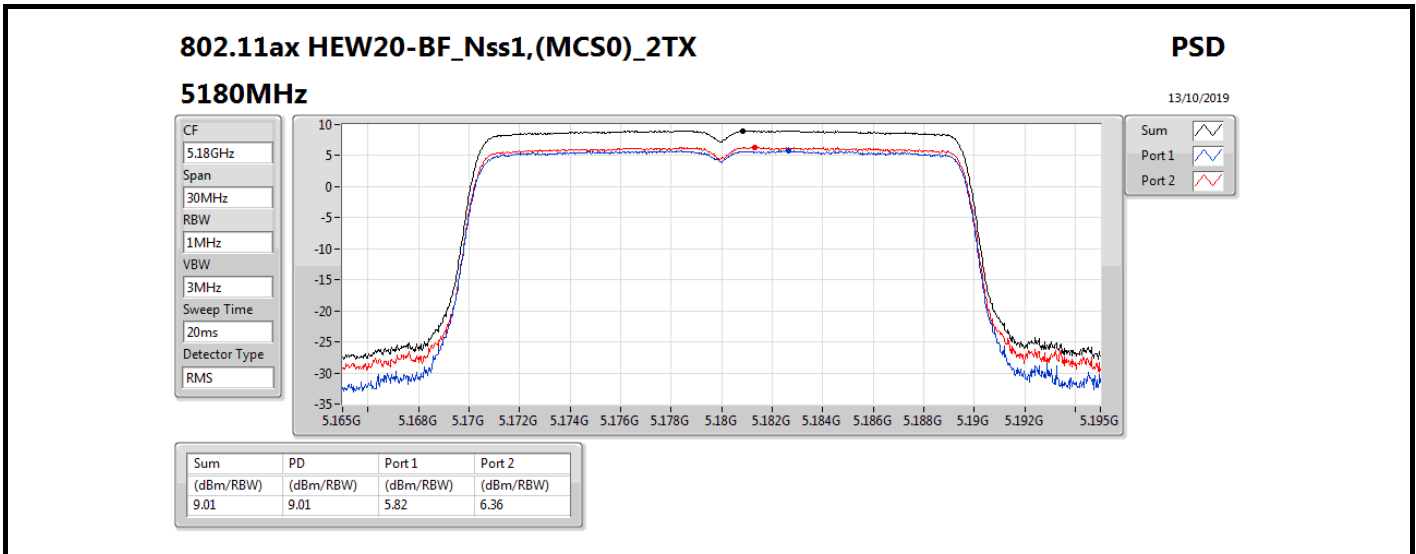
13/10/2019

CF  
5.775GHz  
Span  
120MHz  
RBW  
500kHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS

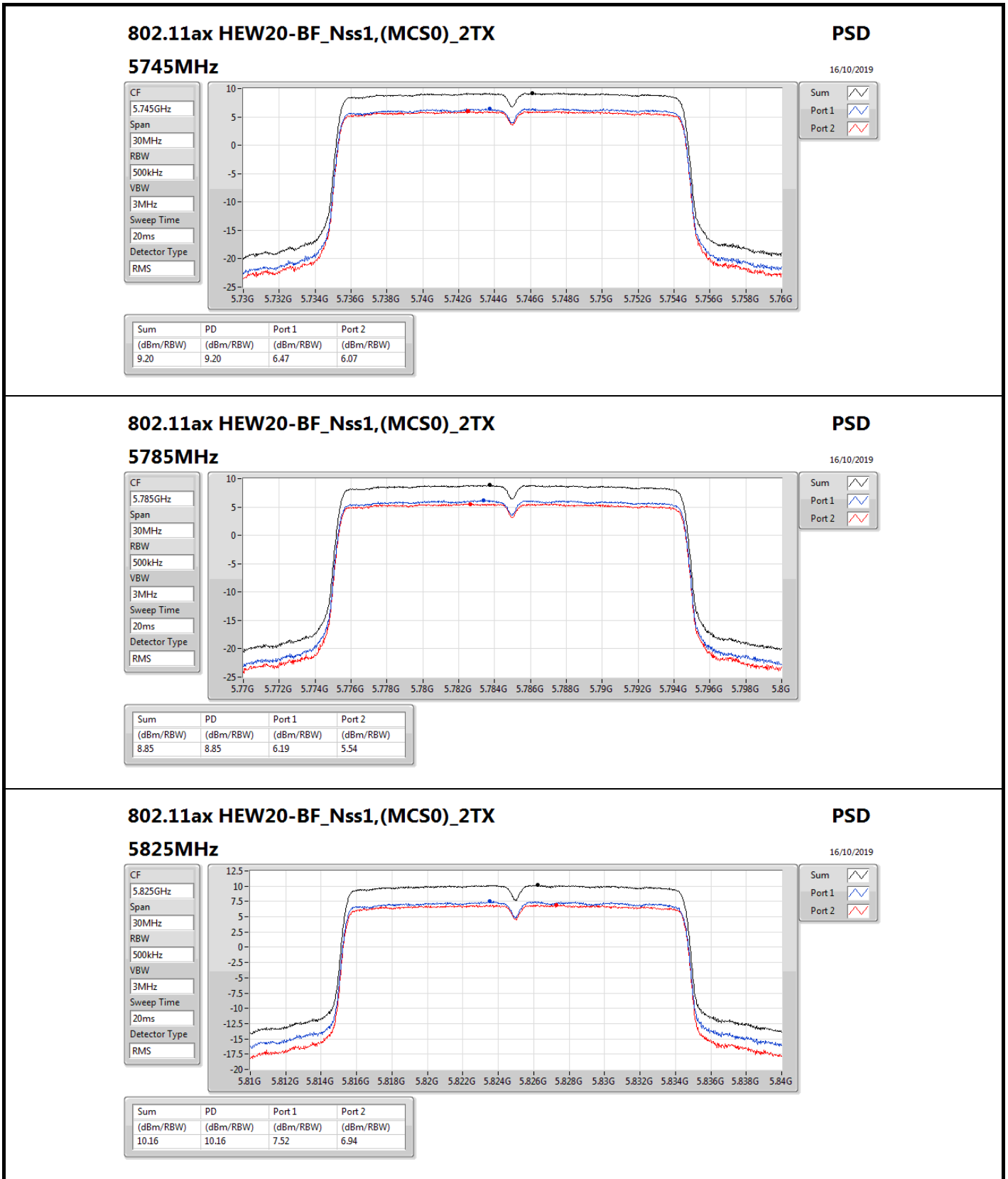


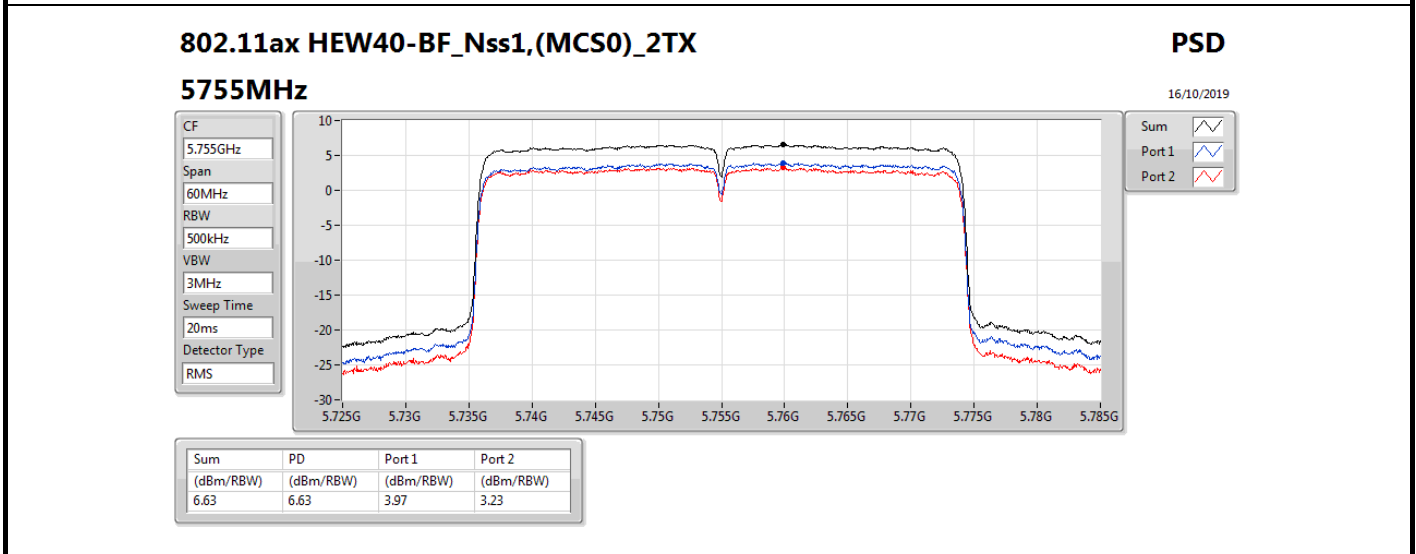
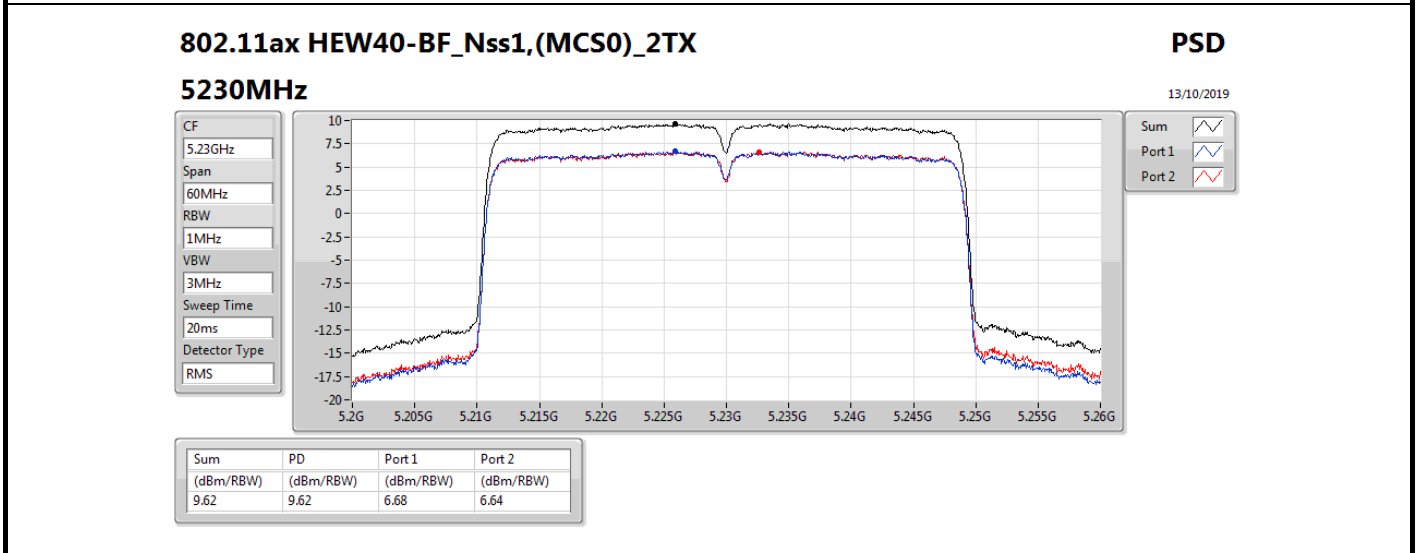
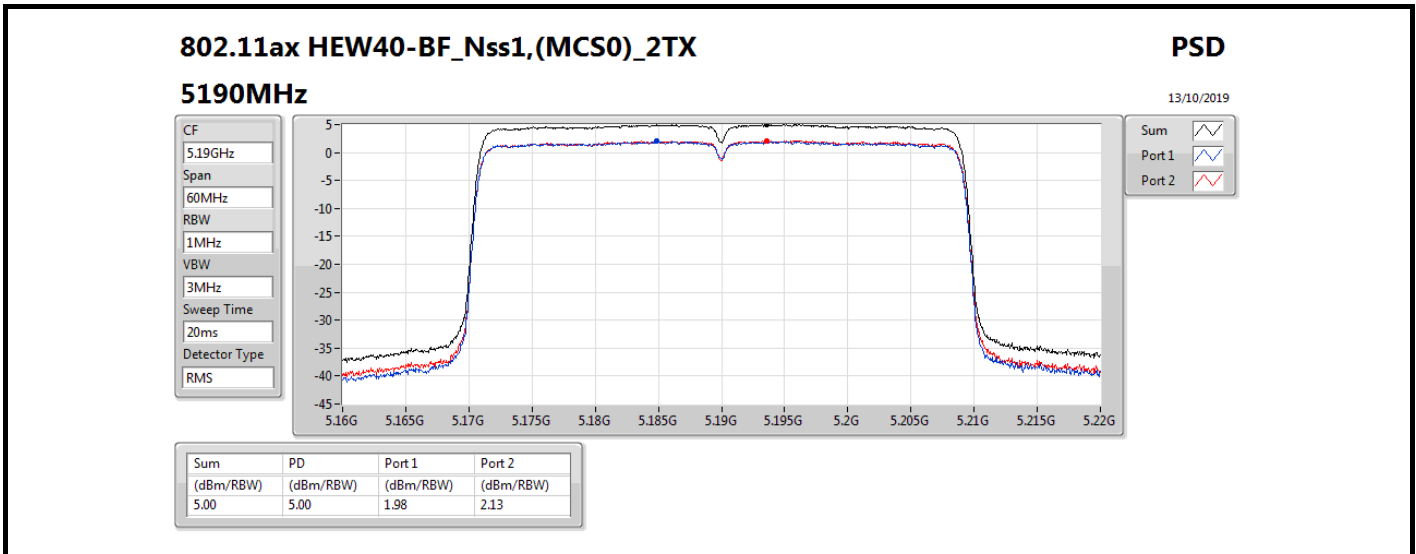
Sum  
Port 1  
Port 2

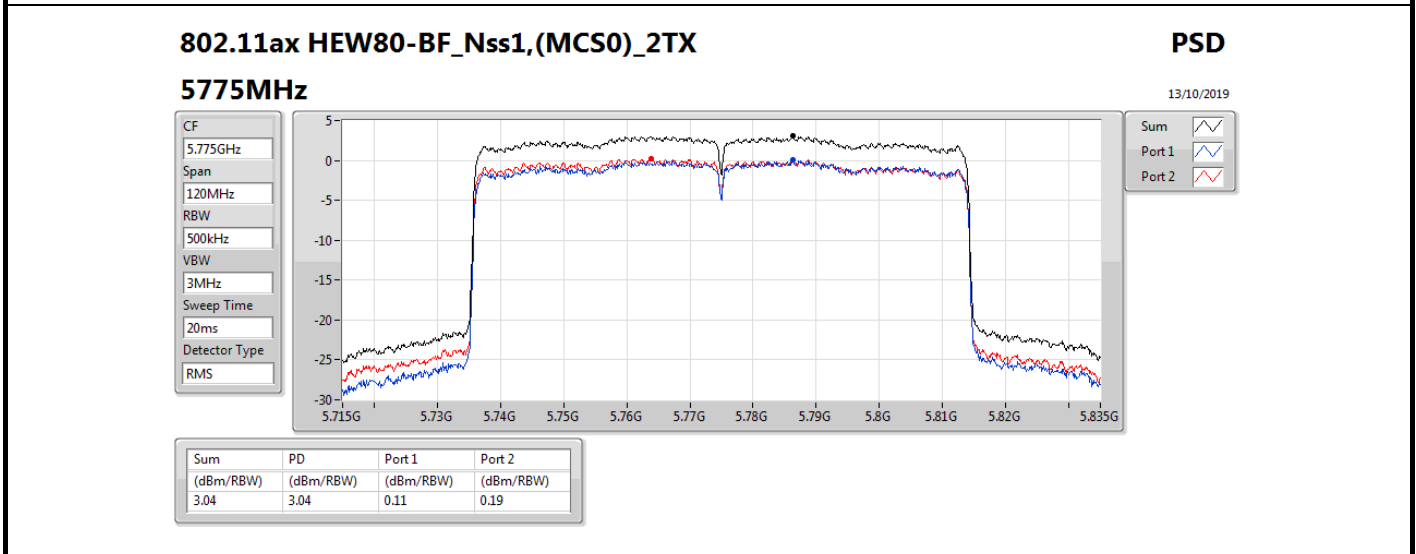
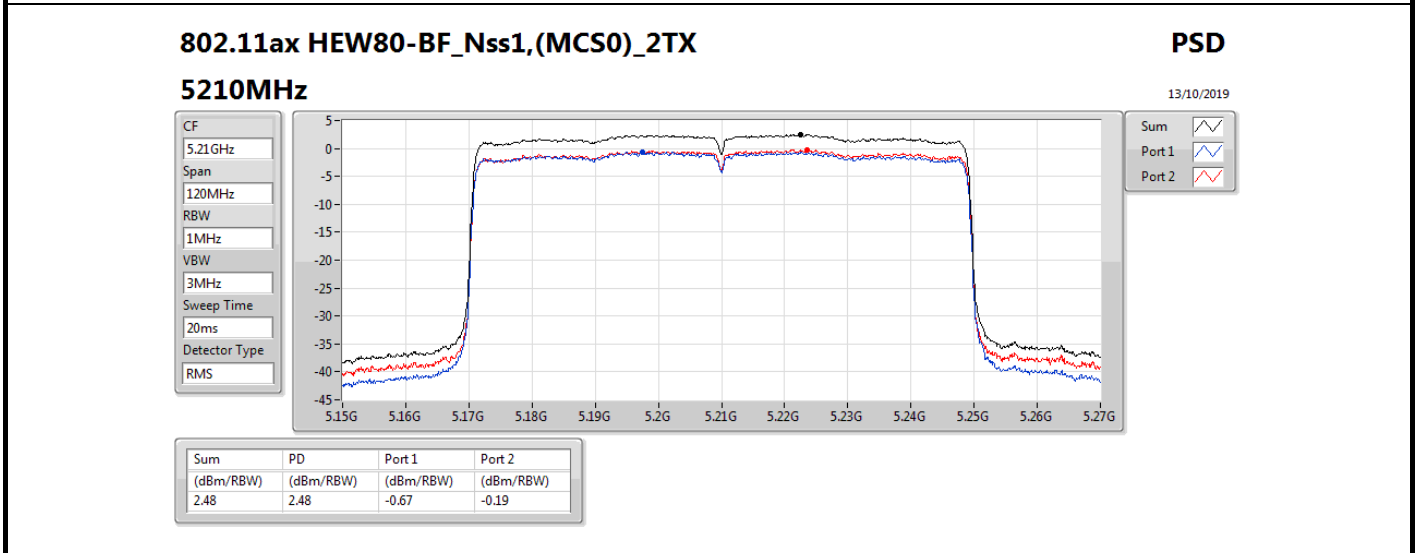
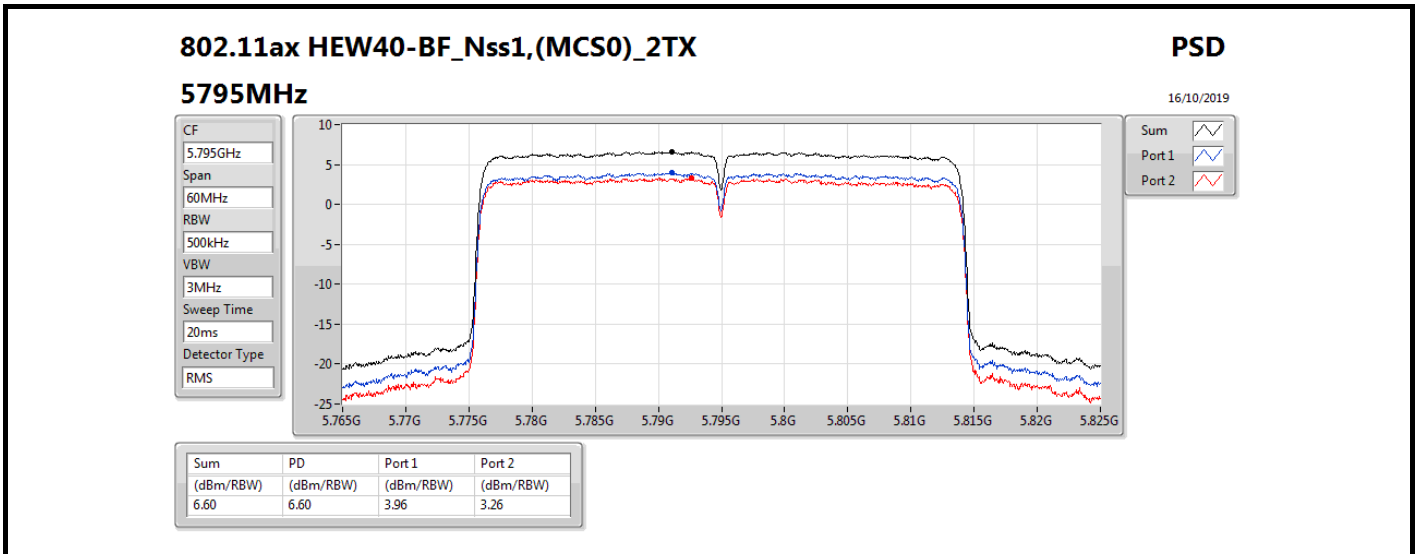
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.02	3.02	-0.06	0.16













Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.31
802.11ac VHT20_Nss1,(MCS0)_1TX	9.77
802.11ac VHT40_Nss1,(MCS0)_1TX	5.81
802.11ac VHT80_Nss1,(MCS0)_1TX	-1.52
802.11ax HEW20_Nss1,(MCS0)_1TX	9.51
802.11ax HEW40_Nss1,(MCS0)_1TX	5.78
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.49
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.81
802.11ac VHT20_Nss1,(MCS0)_1TX	8.12
802.11ac VHT40_Nss1,(MCS0)_1TX	4.72
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.07
802.11ax HEW20_Nss1,(MCS0)_1TX	7.82
802.11ax HEW40_Nss1,(MCS0)_1TX	4.51
802.11ax HEW80_Nss1,(MCS0)_1TX	0.17

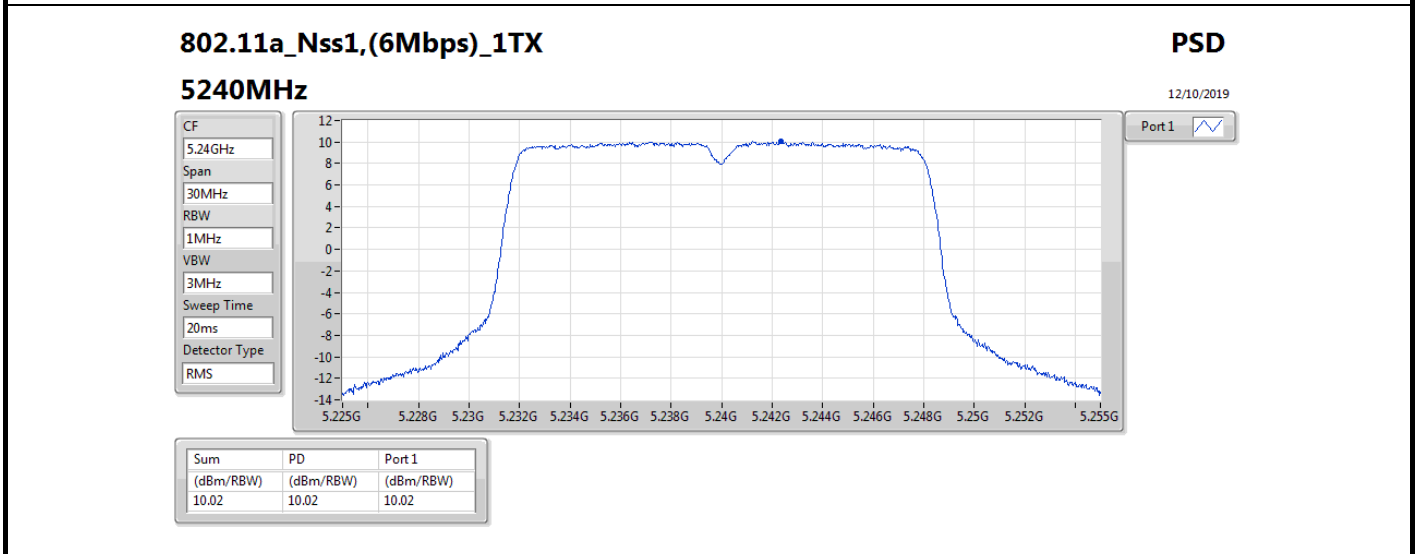
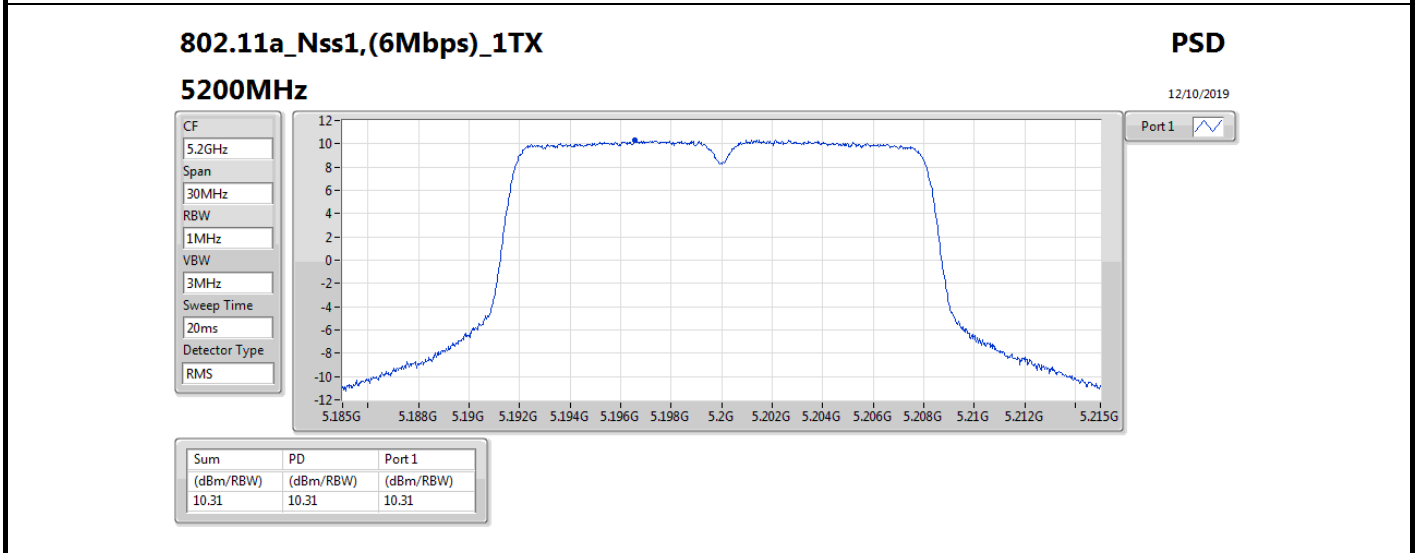
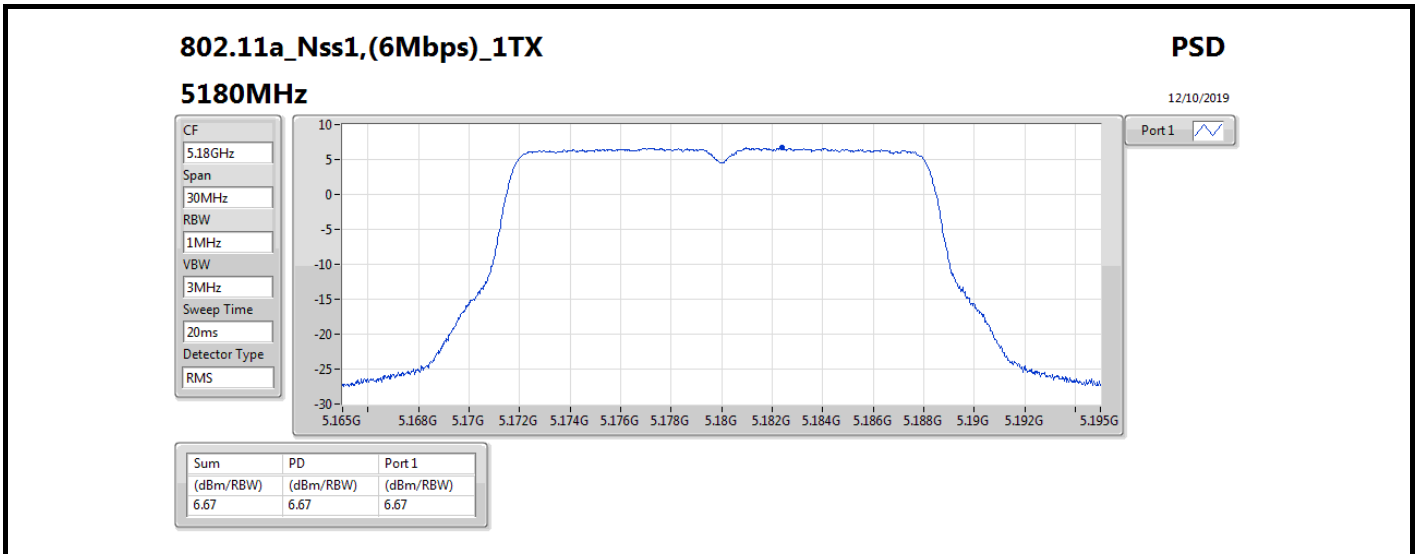
RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

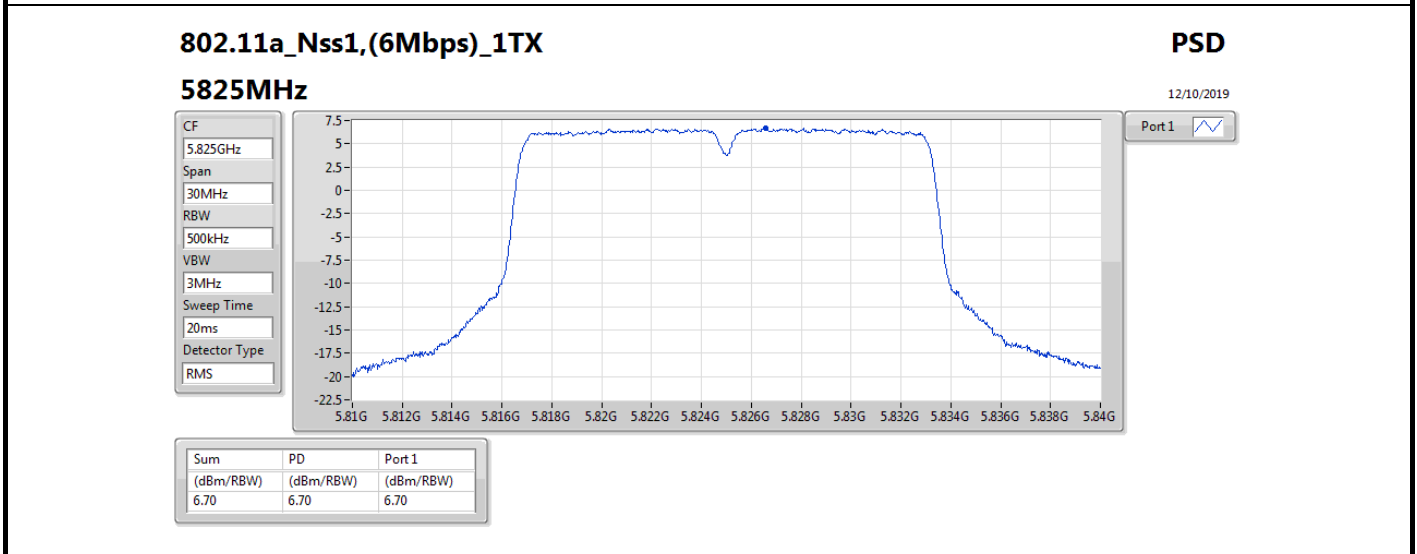
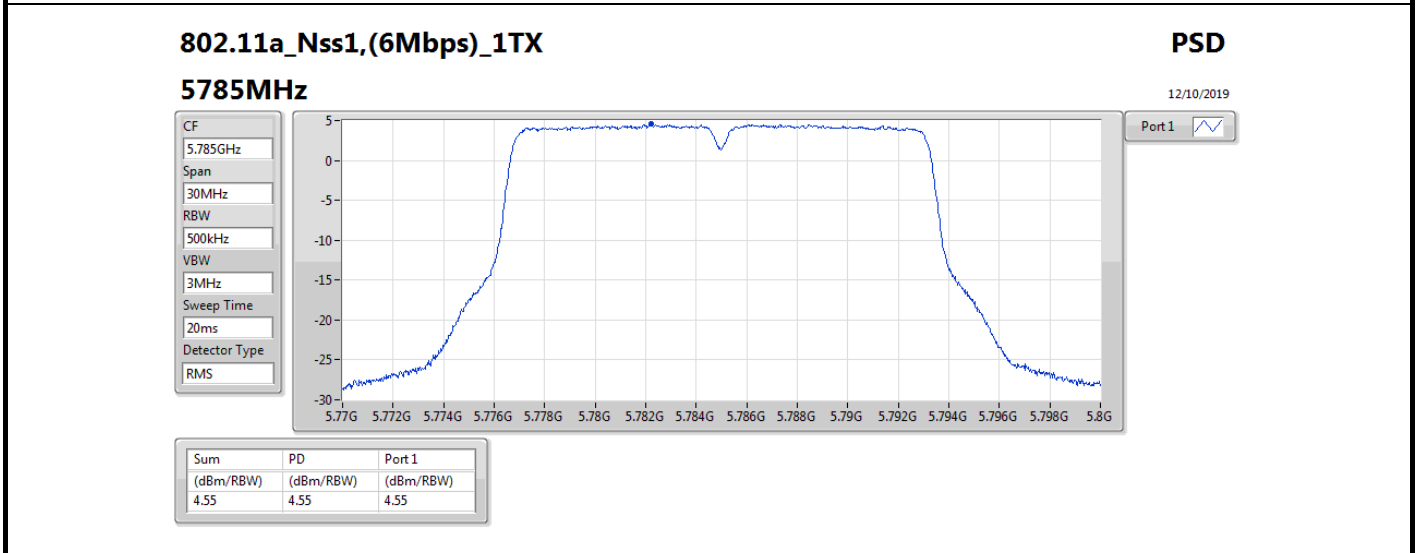
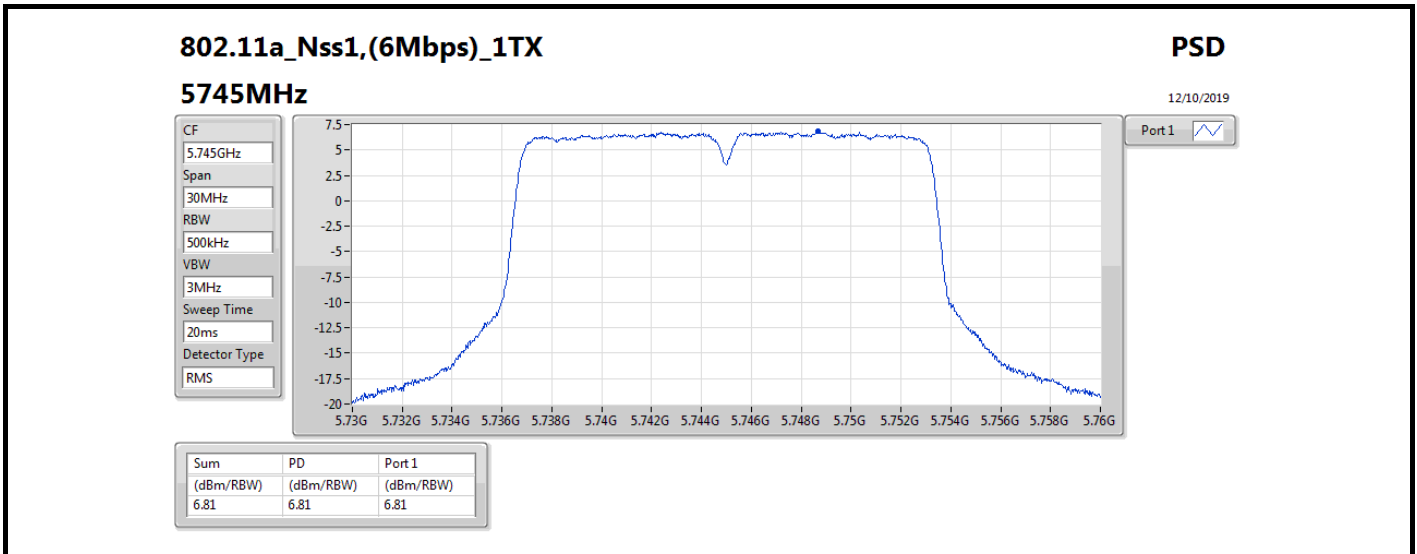


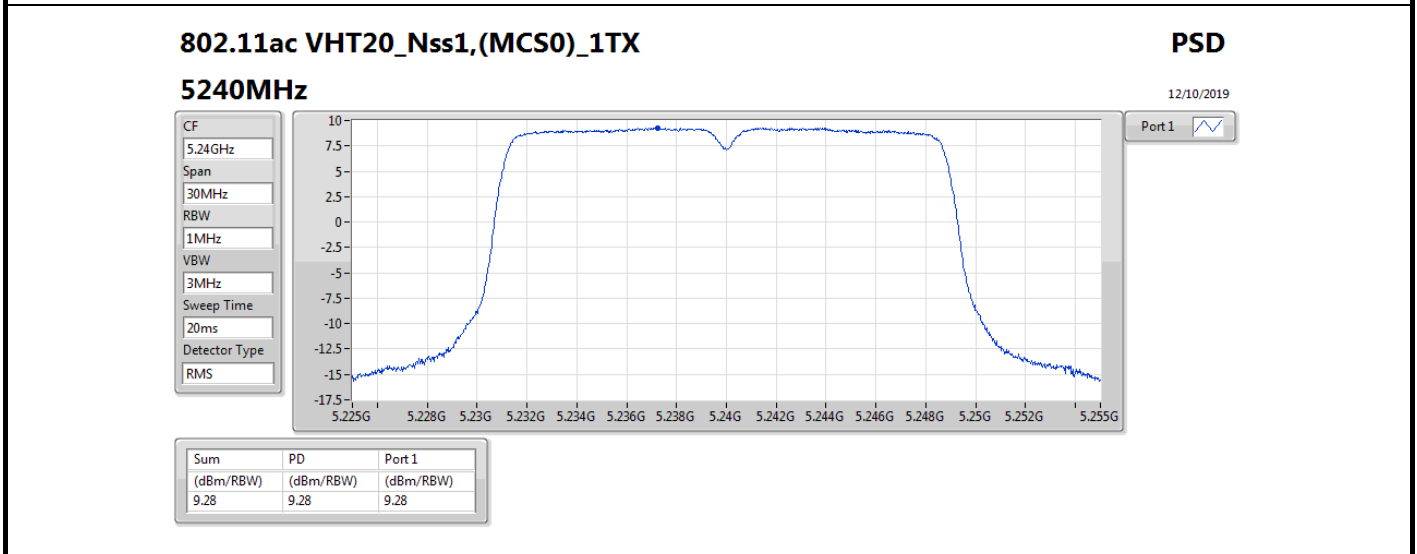
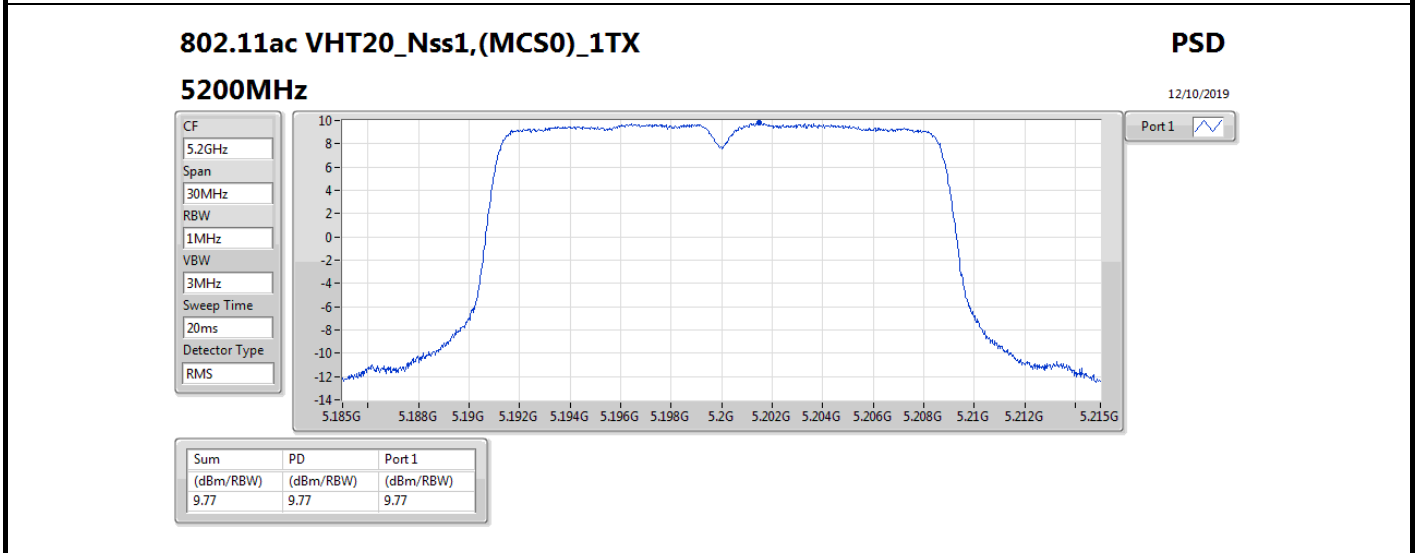
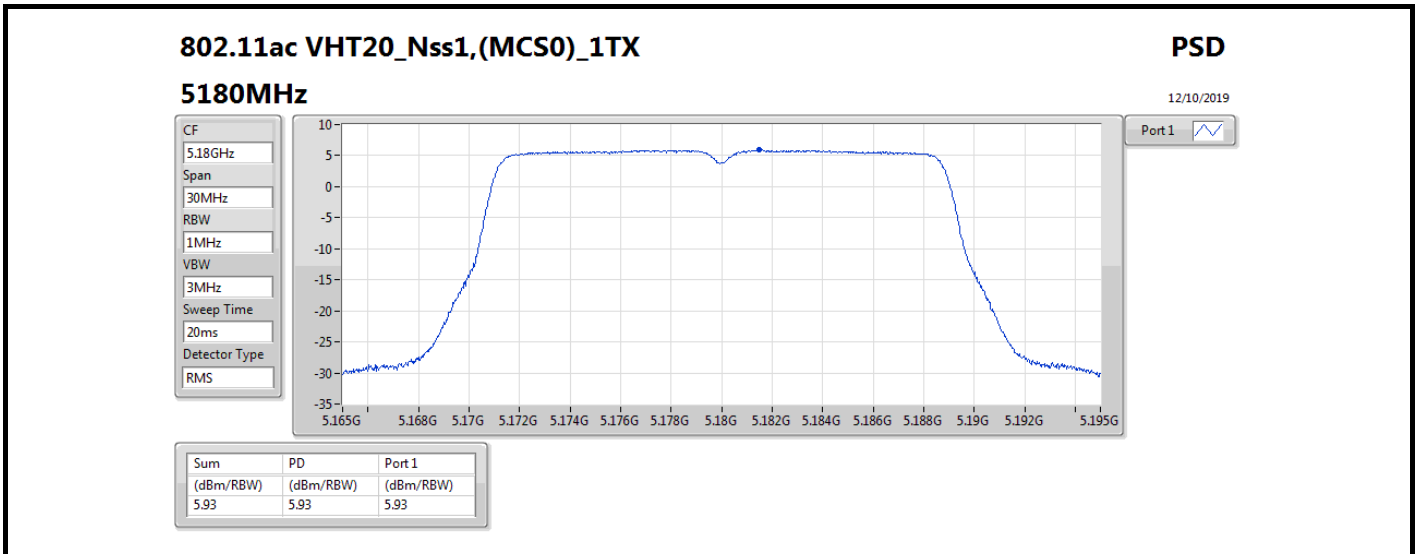
Result

Mode	Result	DG (dB)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	8.00	6.67	6.67	15.00
5200MHz	Pass	8.00	10.31	10.31	15.00
5240MHz	Pass	8.00	10.02	10.02	15.00
5745MHz	Pass	8.00	6.81	6.81	28.00
5785MHz	Pass	8.00	4.55	4.55	28.00
5825MHz	Pass	8.00	6.70	6.70	28.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	8.00	5.93	5.93	15.00
5200MHz	Pass	8.00	9.77	9.77	15.00
5240MHz	Pass	8.00	9.28	9.28	15.00
5745MHz	Pass	8.00	4.59	4.59	28.00
5785MHz	Pass	8.00	5.59	5.59	28.00
5825MHz	Pass	8.00	8.12	8.12	28.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	8.00	0.69	0.69	15.00
5230MHz	Pass	8.00	5.81	5.81	15.00
5755MHz	Pass	8.00	4.72	4.72	28.00
5795MHz	Pass	8.00	3.32	3.32	28.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	8.00	-1.52	-1.52	15.00
5775MHz	Pass	8.00	-0.07	-0.07	28.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	8.00	5.78	5.78	15.00
5200MHz	Pass	8.00	9.51	9.51	15.00
5240MHz	Pass	8.00	9.24	9.24	15.00
5745MHz	Pass	8.00	4.61	4.61	28.00
5785MHz	Pass	8.00	5.45	5.45	28.00
5825MHz	Pass	8.00	7.82	7.82	28.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	8.00	0.60	0.60	15.00
5230MHz	Pass	8.00	5.78	5.78	15.00
5755MHz	Pass	8.00	4.51	4.51	28.00
5795MHz	Pass	8.00	3.35	3.35	28.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	8.00	-1.49	-1.49	15.00
5775MHz	Pass	8.00	0.17	0.17	28.00

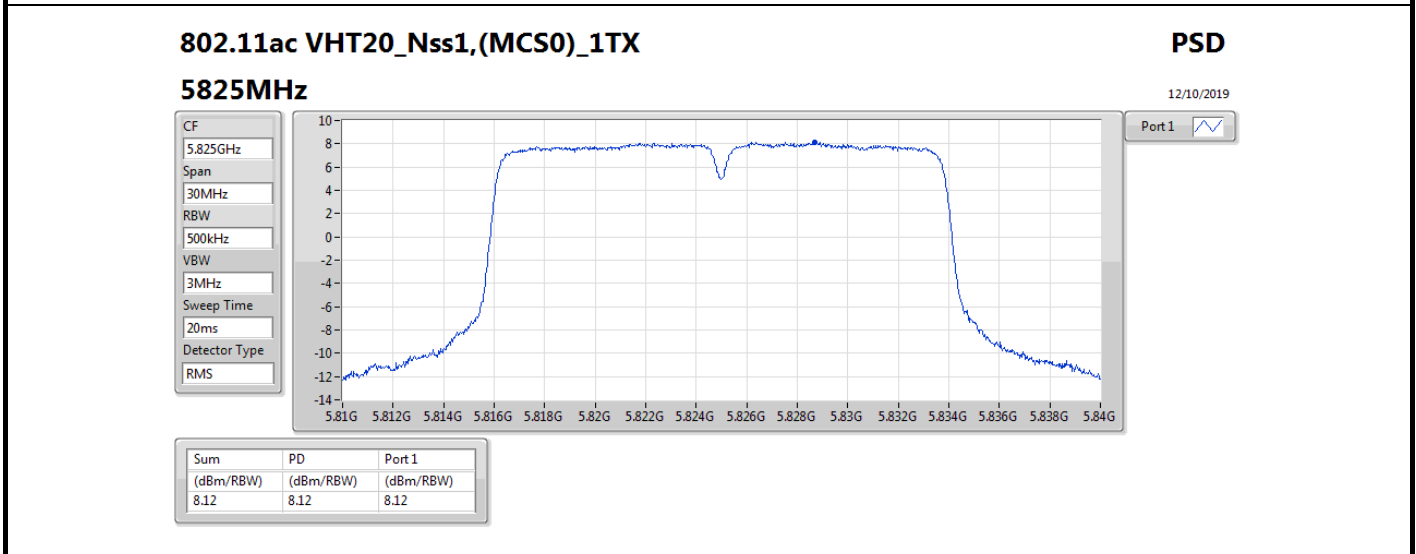
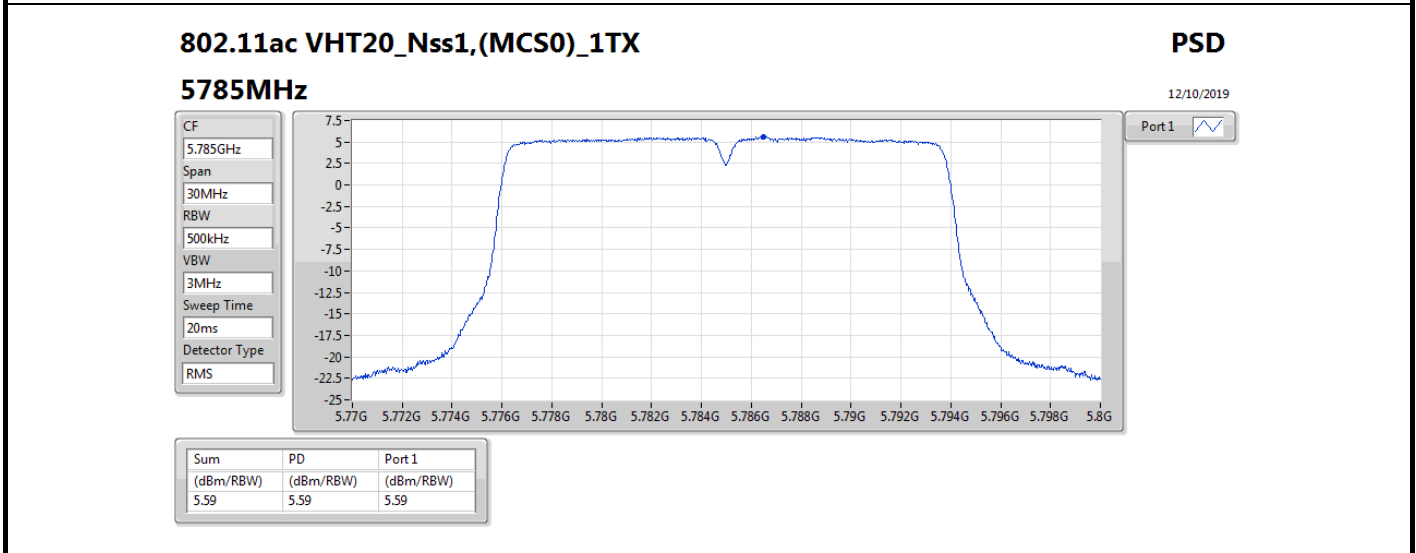
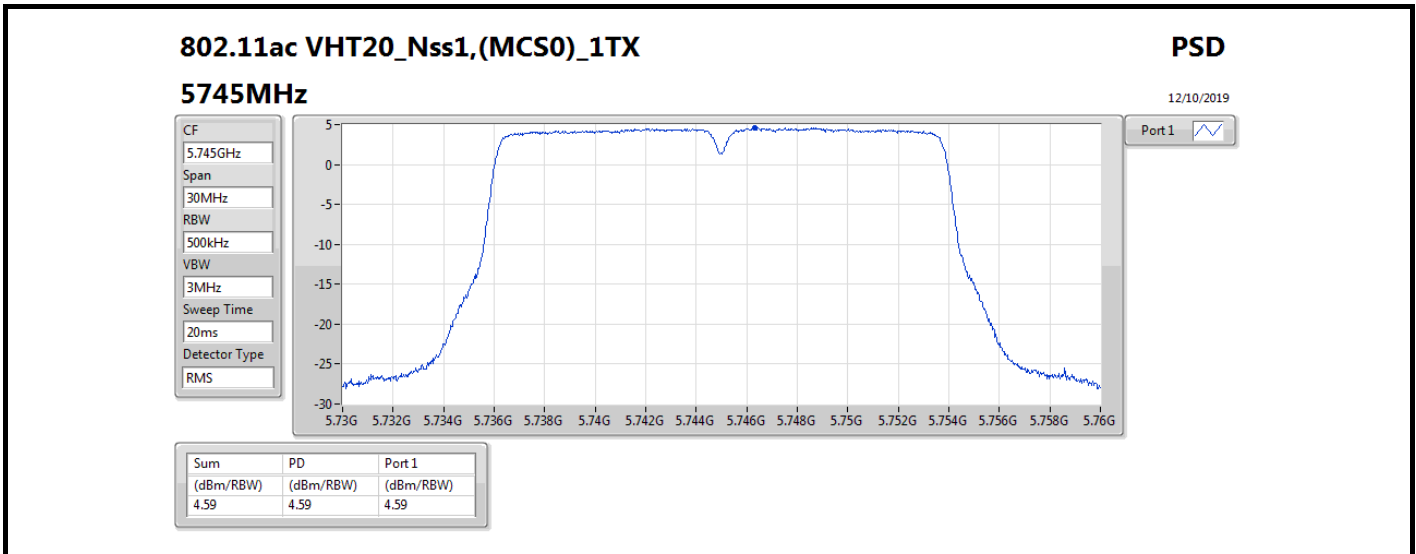
DG = Directional Gain; RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

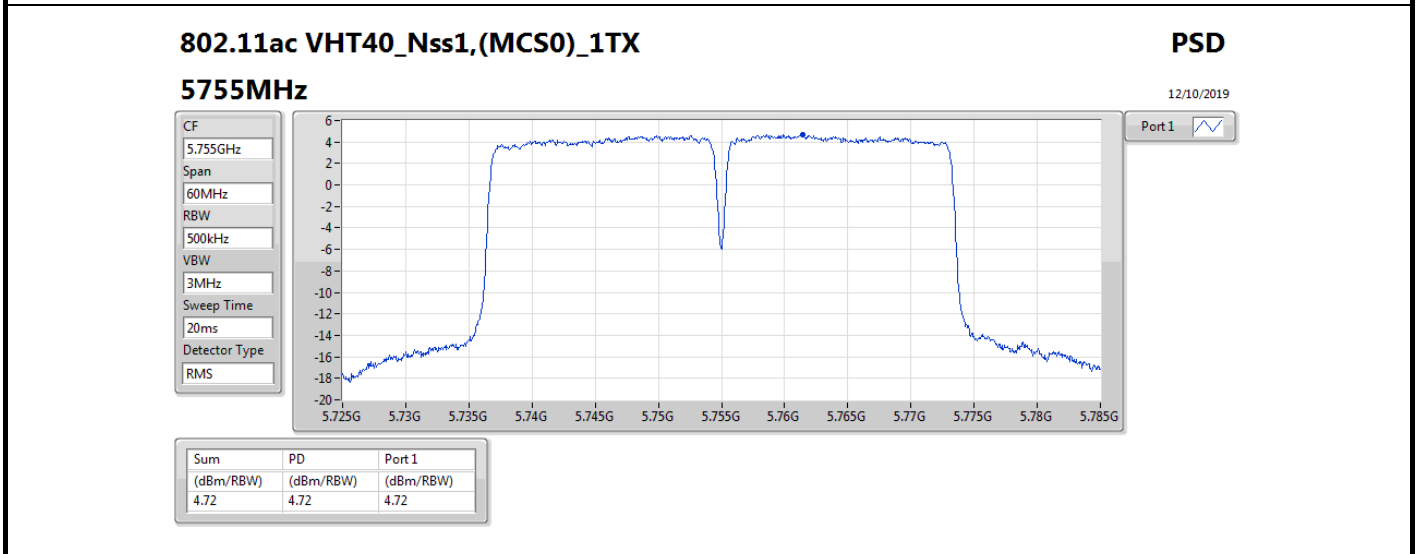
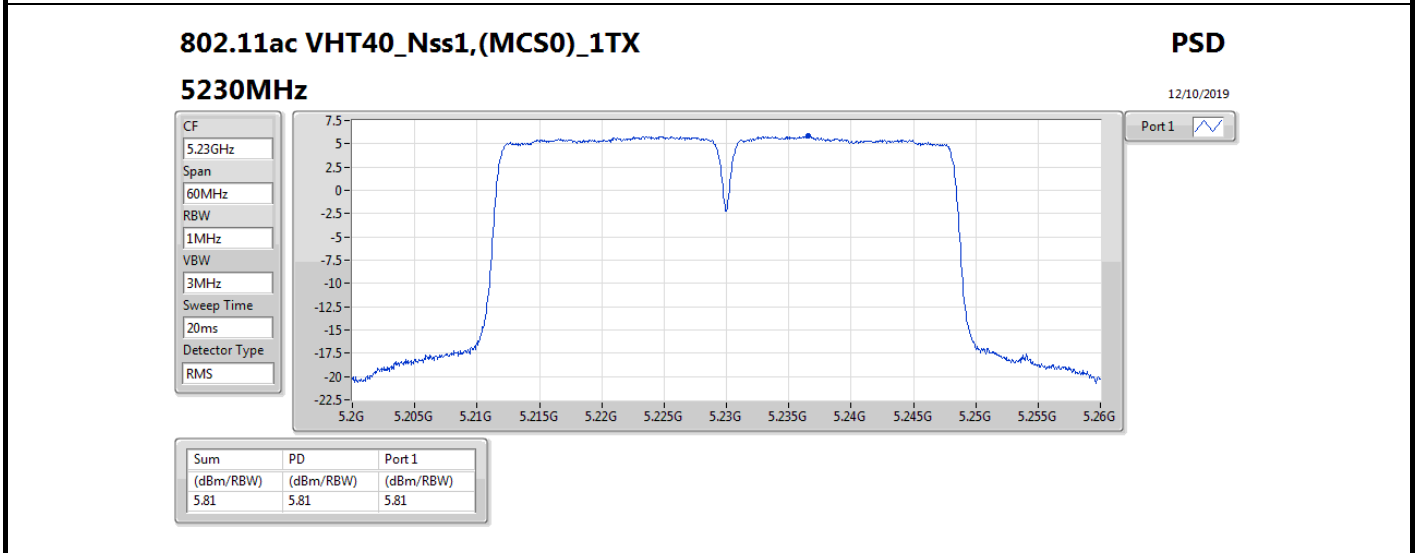
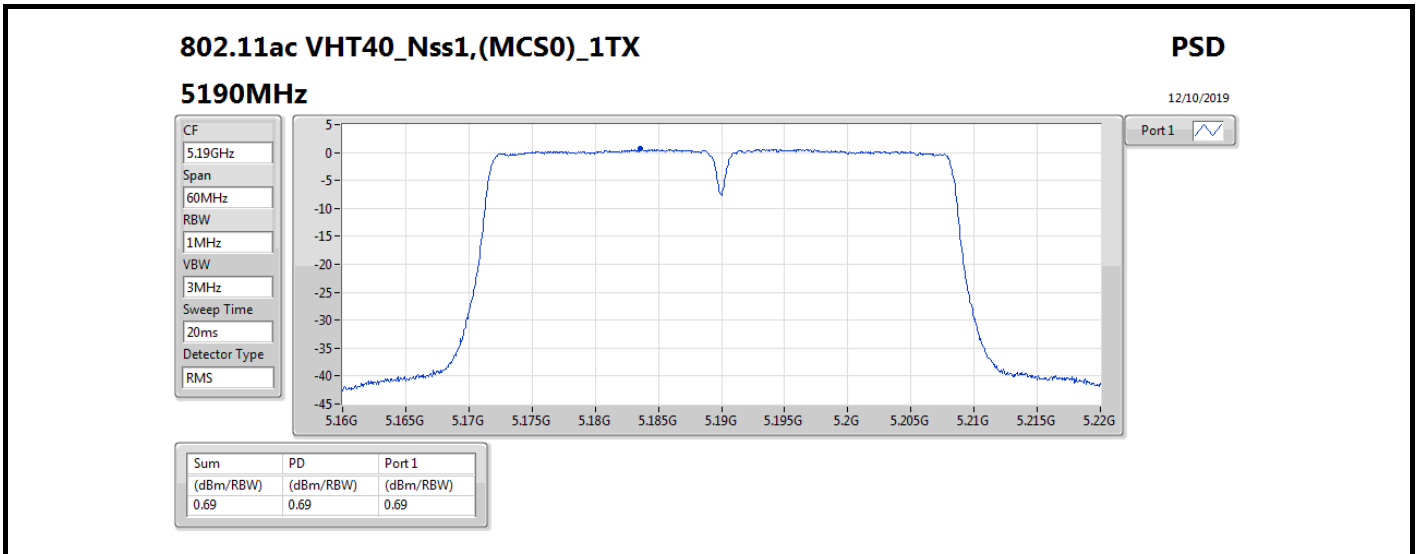


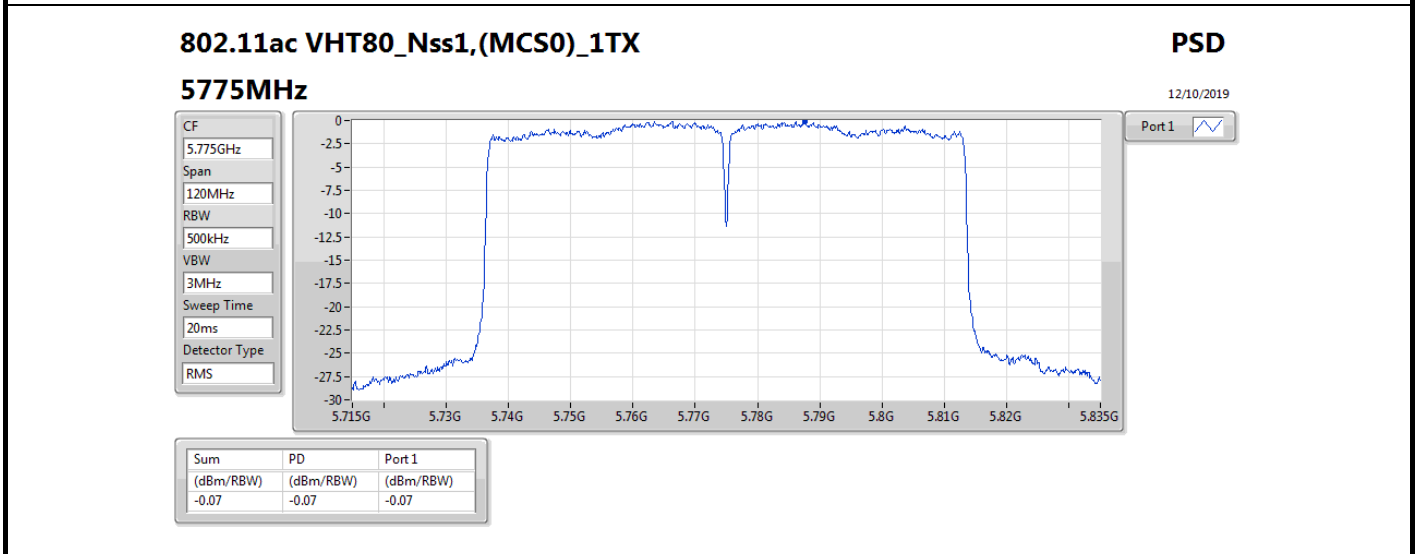
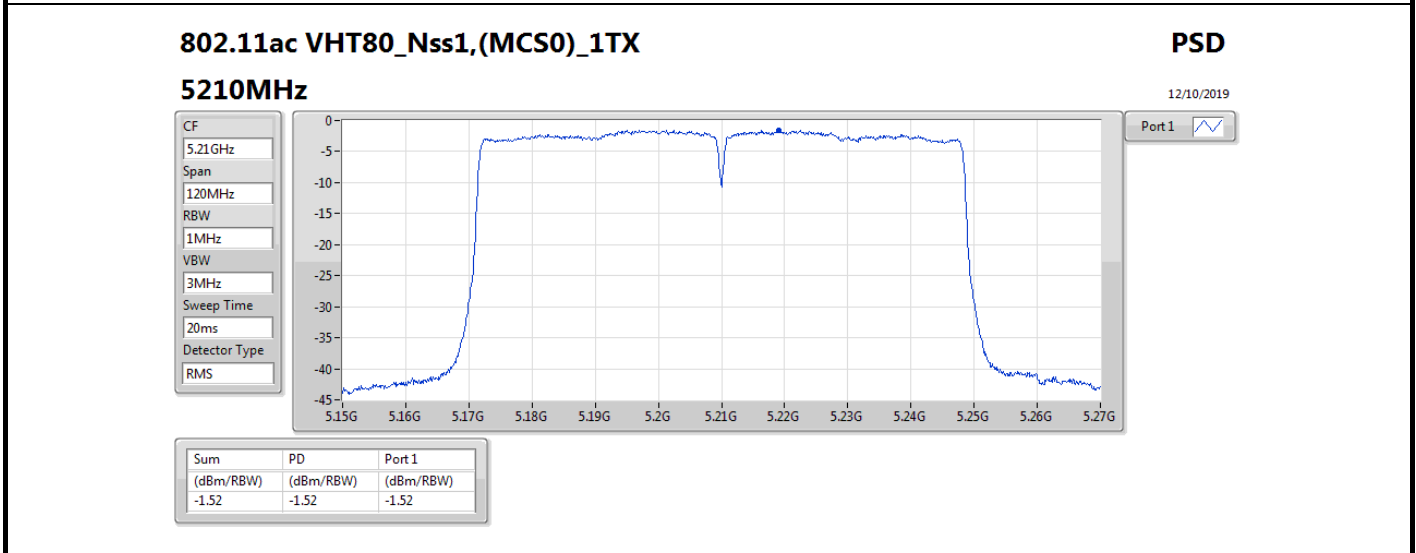
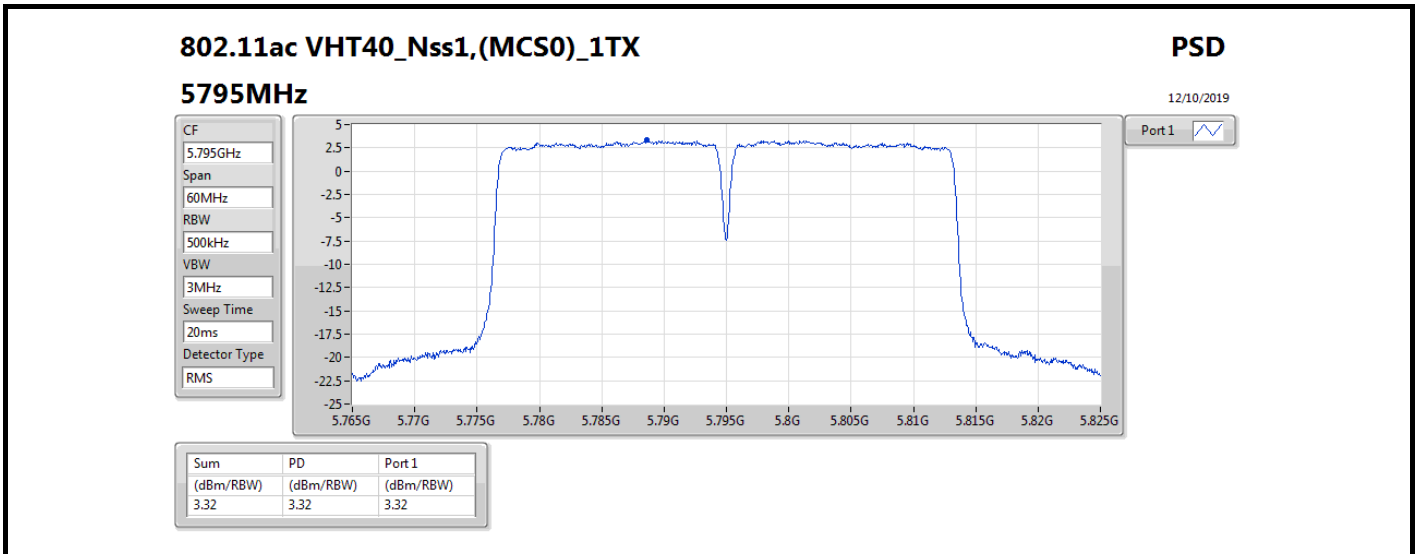


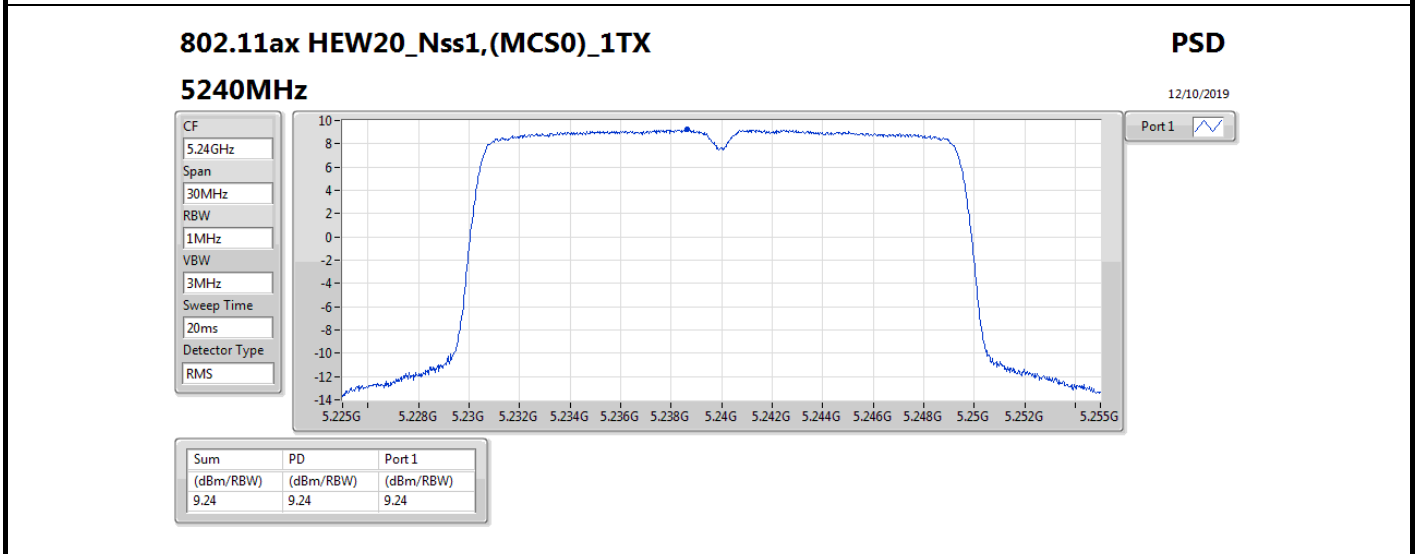
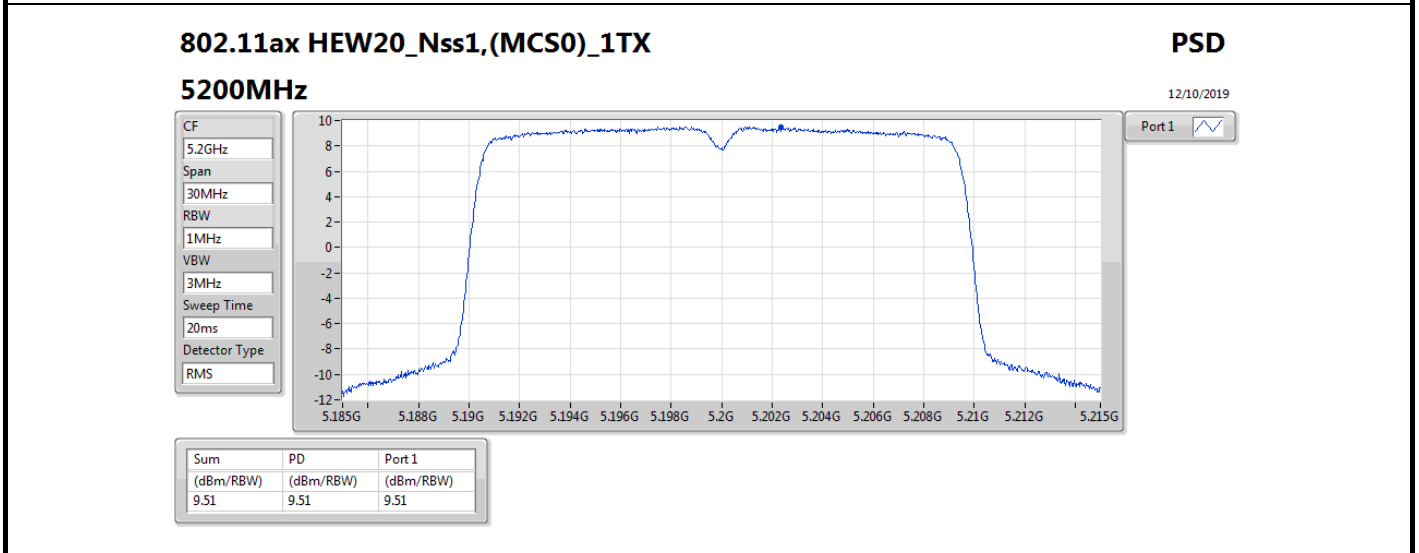
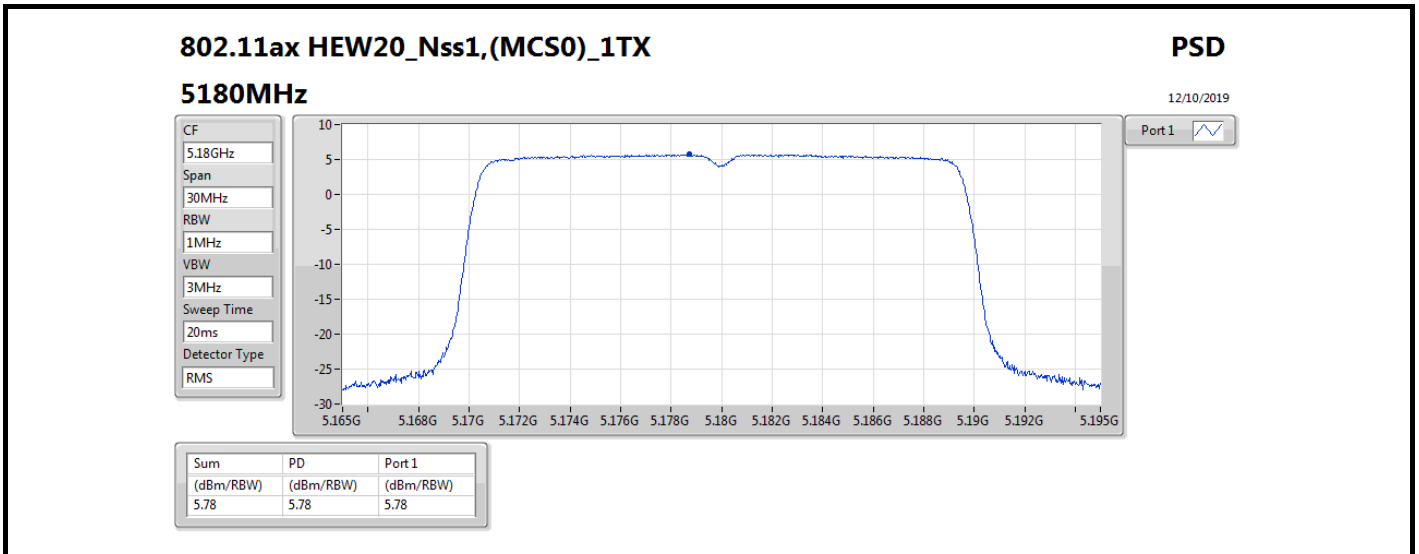


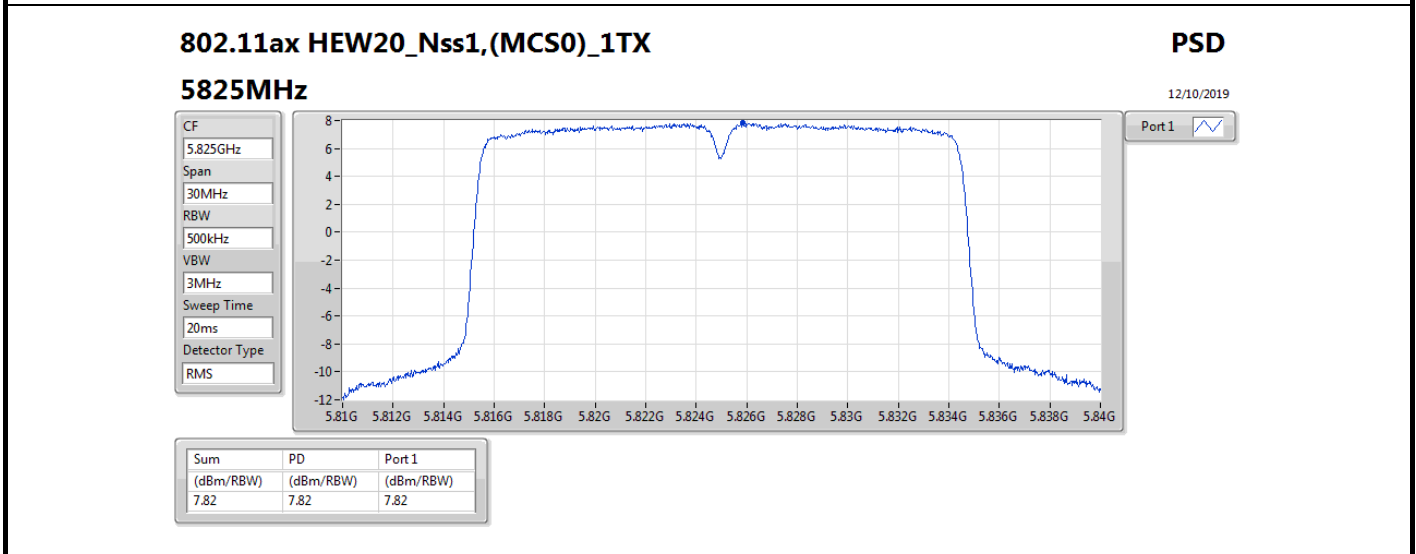
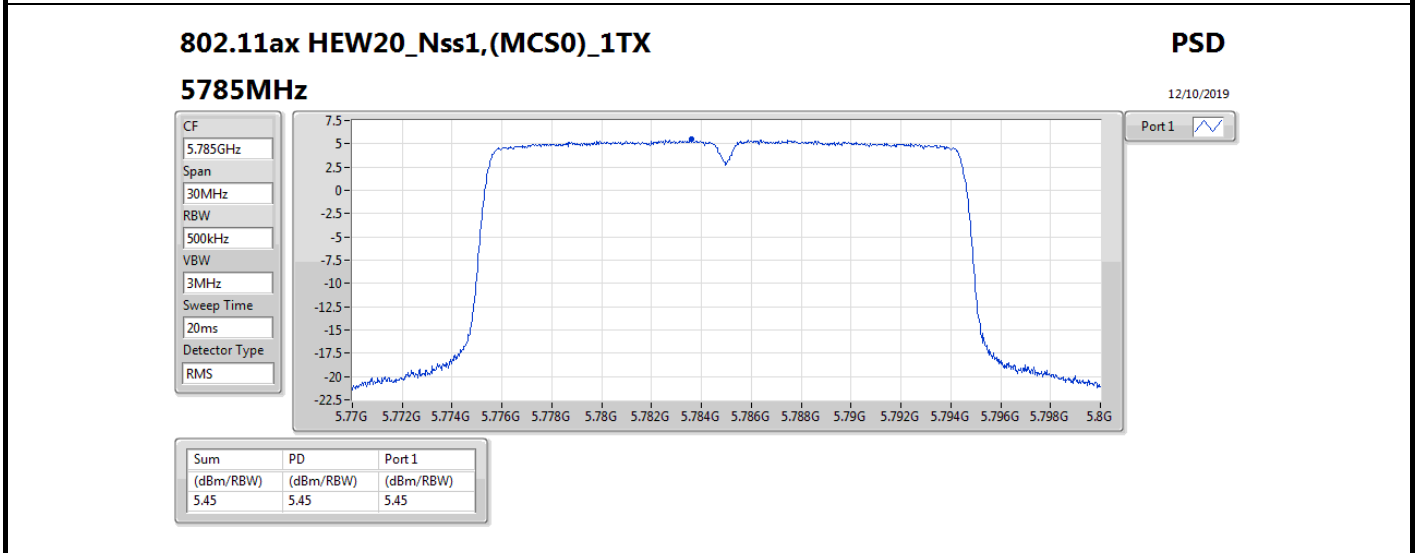
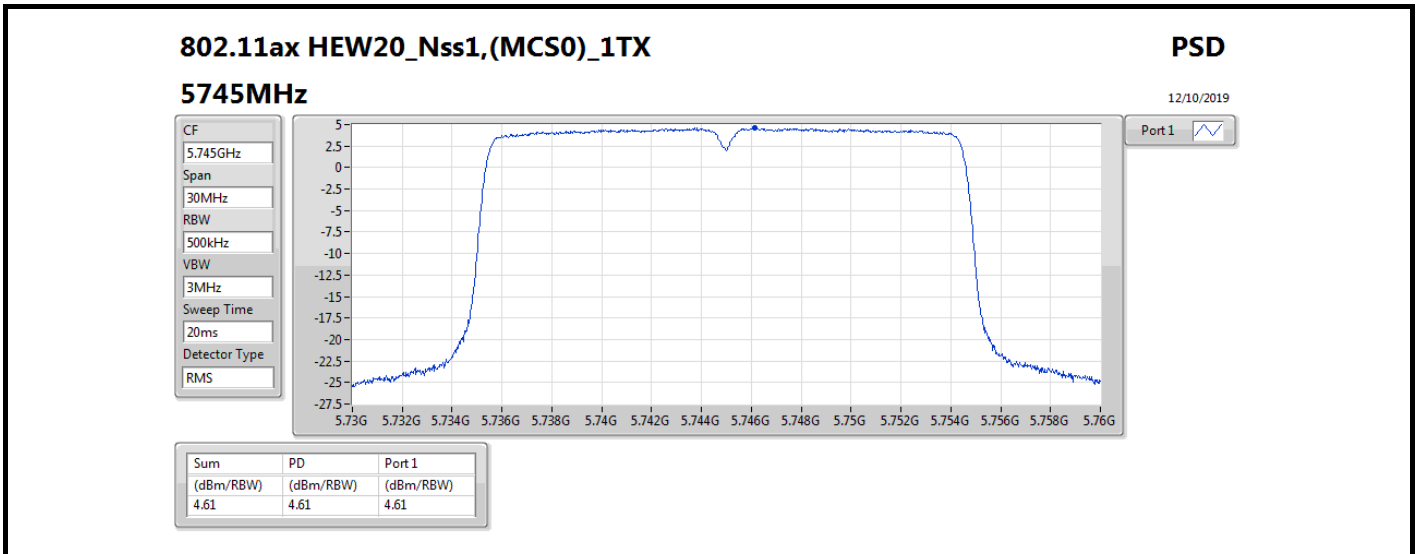


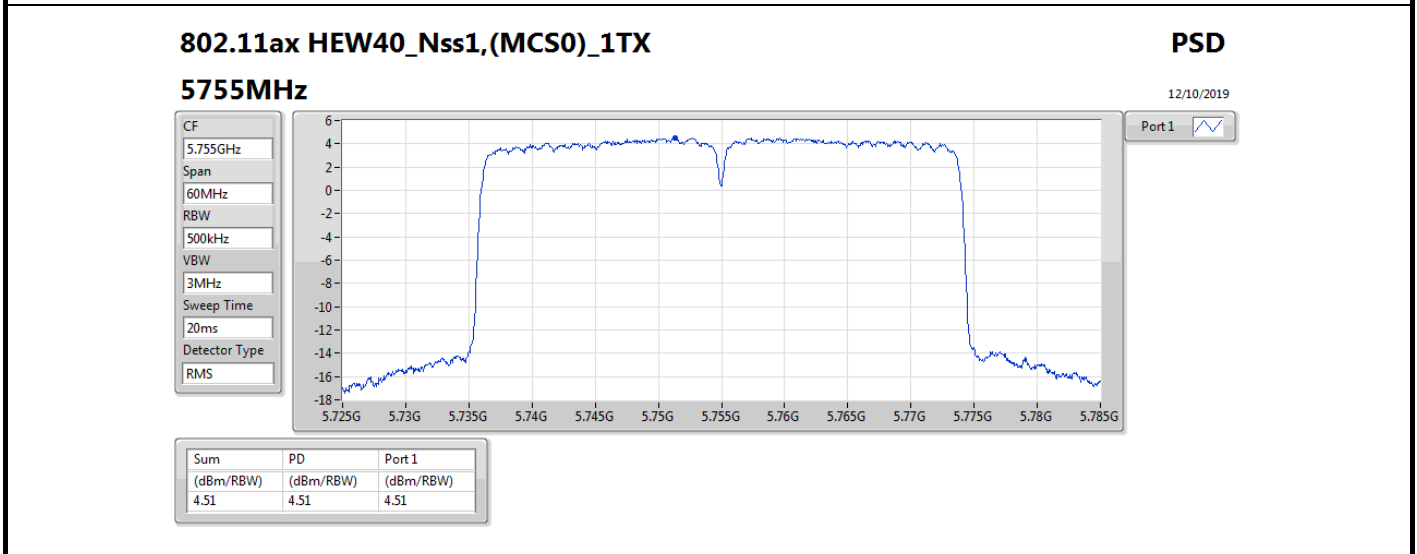
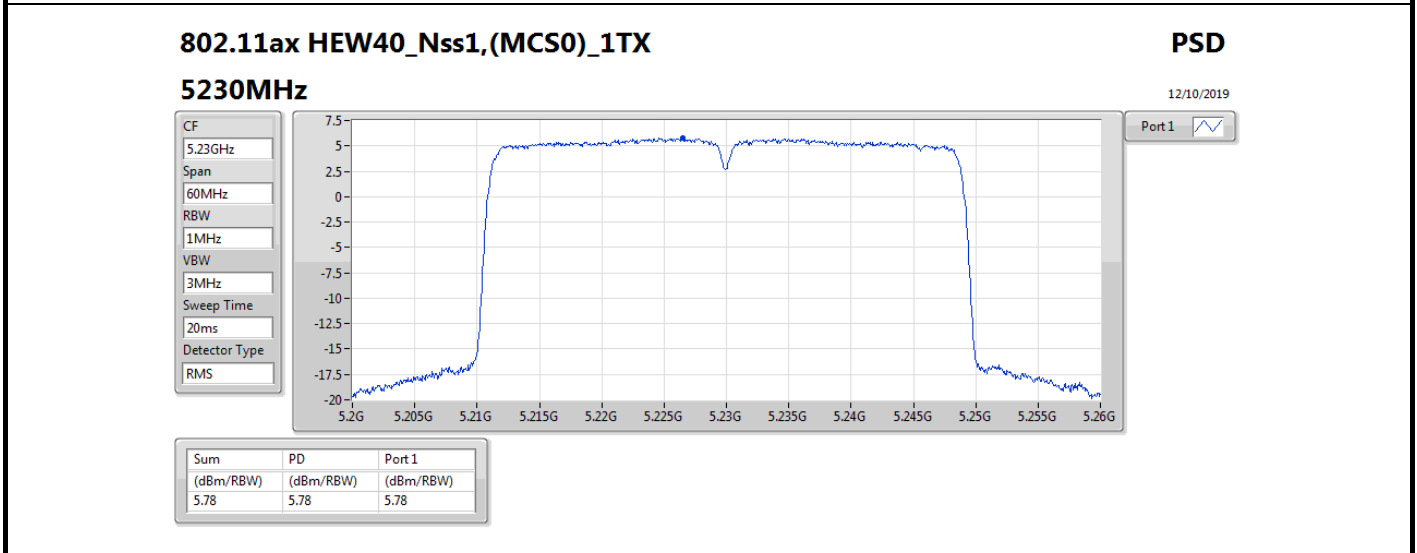
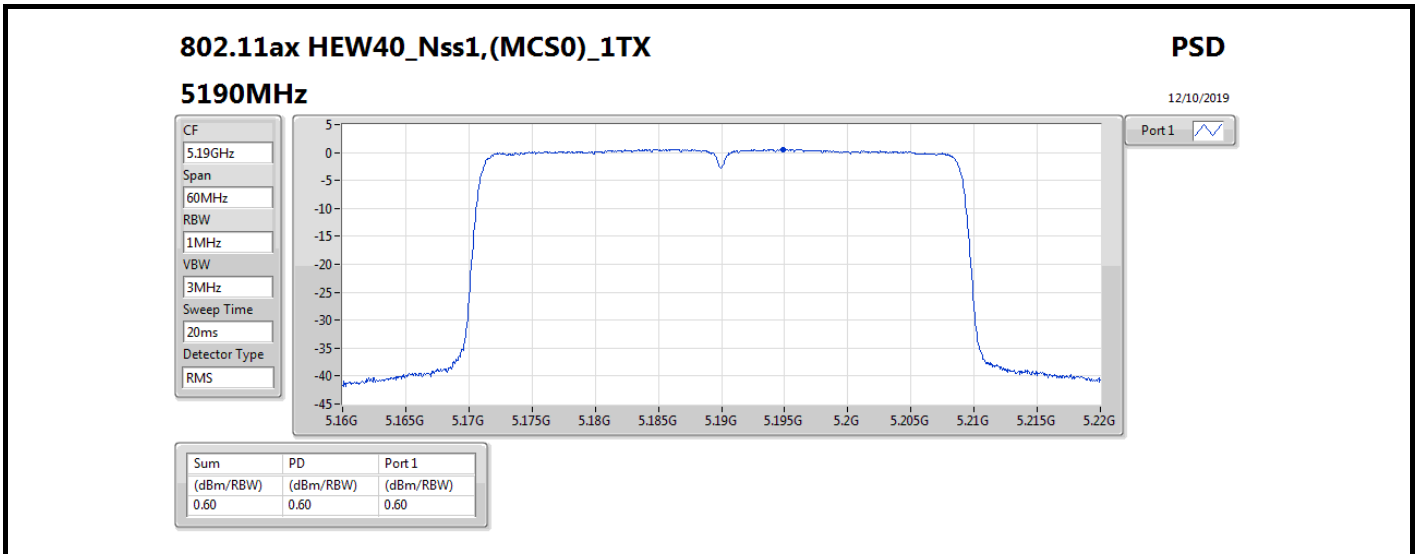


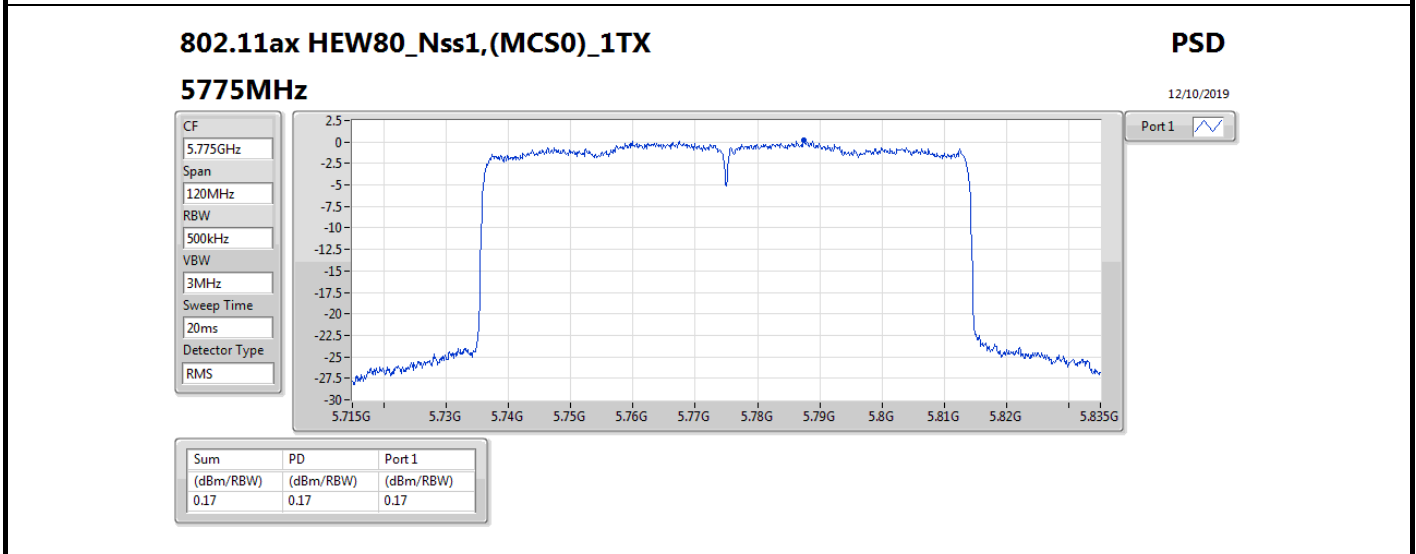
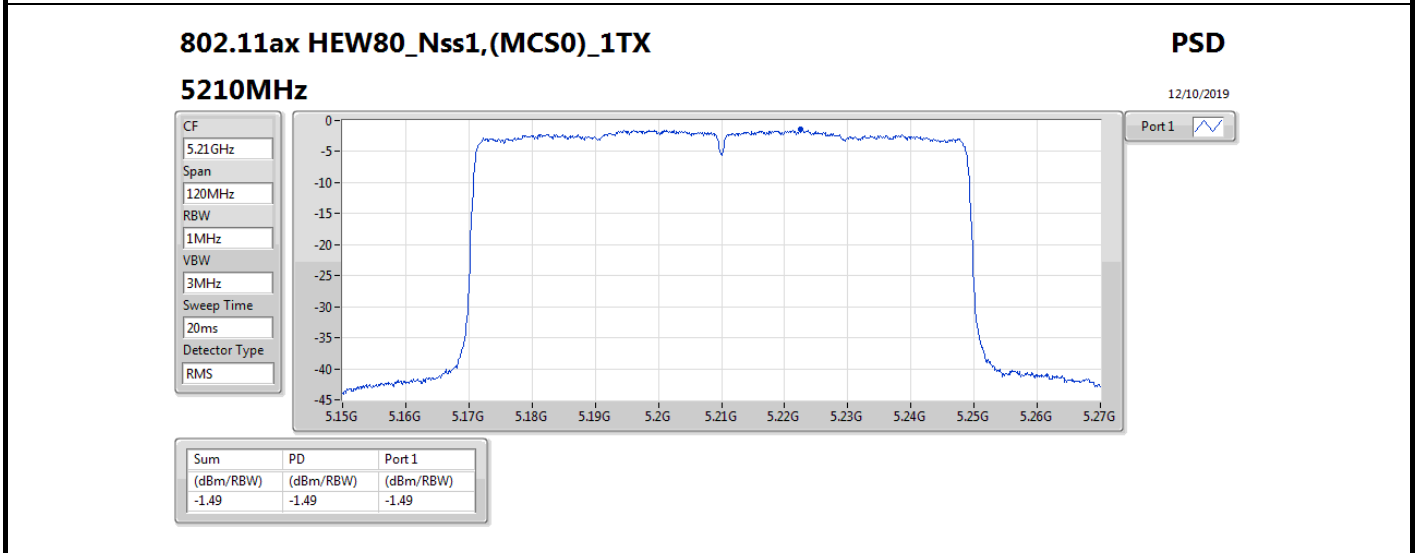
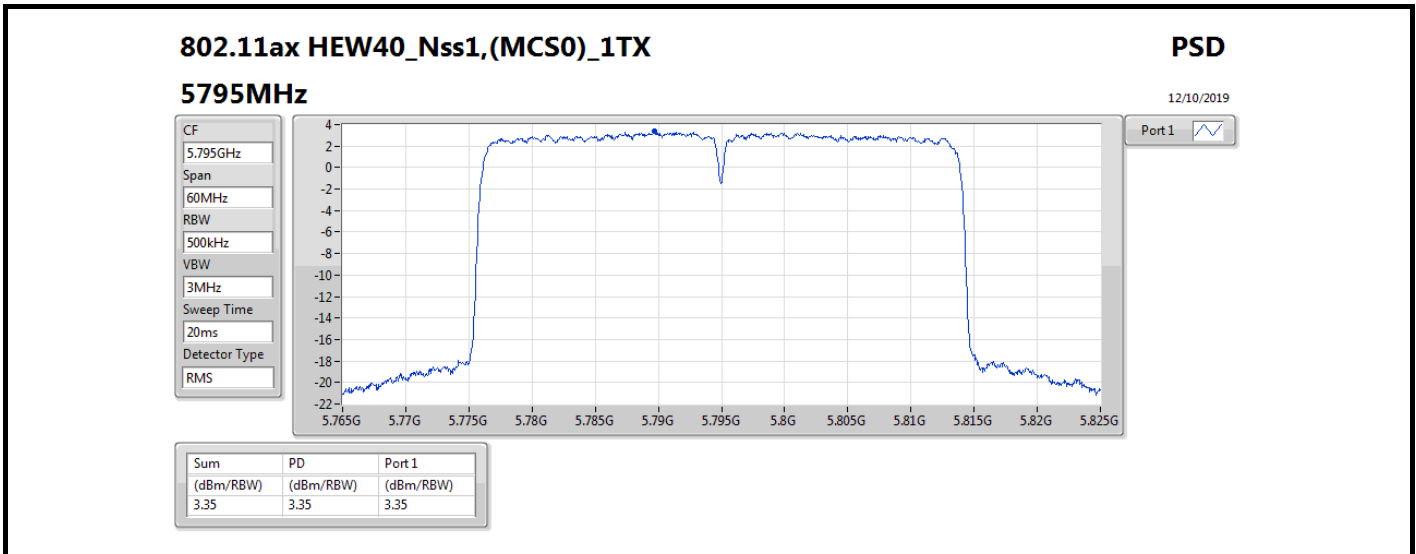














Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_2TX	11.94
802.11ac VHT20_Nss2,(MCS0)_2TX	11.45
802.11ac VHT40_Nss2,(MCS0)_2TX	7.89
802.11ac VHT80_Nss2,(MCS0)_2TX	0.15
802.11ax HEW20_Nss2,(MCS0)_2TX	11.32
802.11ax HEW40_Nss2,(MCS0)_2TX	7.72
802.11ax HEW80_Nss2,(MCS0)_2TX	0.17
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_2TX	9.61
802.11ac VHT20_Nss2,(MCS0)_2TX	10.10
802.11ac VHT40_Nss2,(MCS0)_2TX	7.25
802.11ac VHT80_Nss2,(MCS0)_2TX	1.29
802.11ax HEW20_Nss2,(MCS0)_2TX	9.90
802.11ax HEW40_Nss2,(MCS0)_2TX	7.16
802.11ax HEW80_Nss2,(MCS0)_2TX	1.34

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

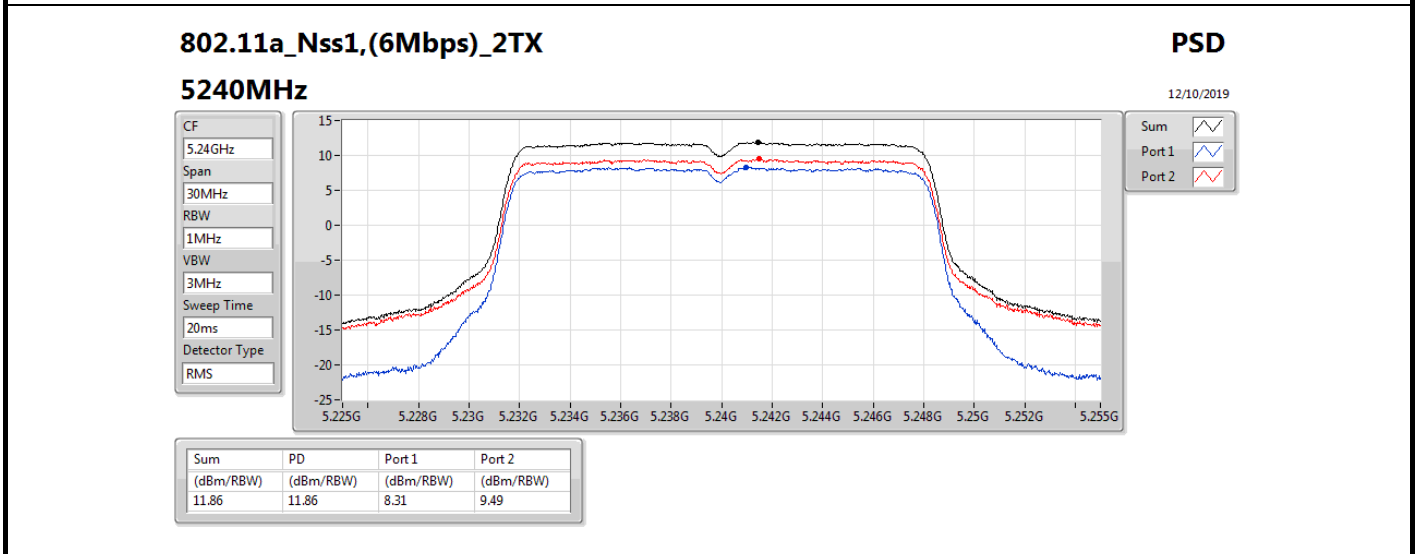
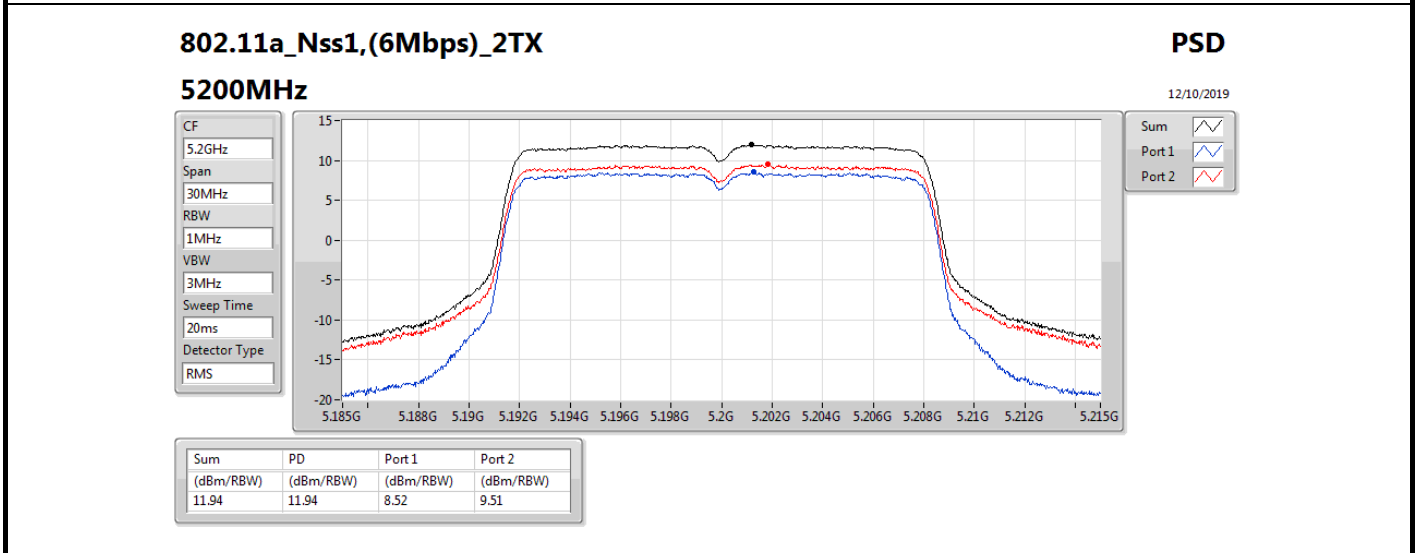
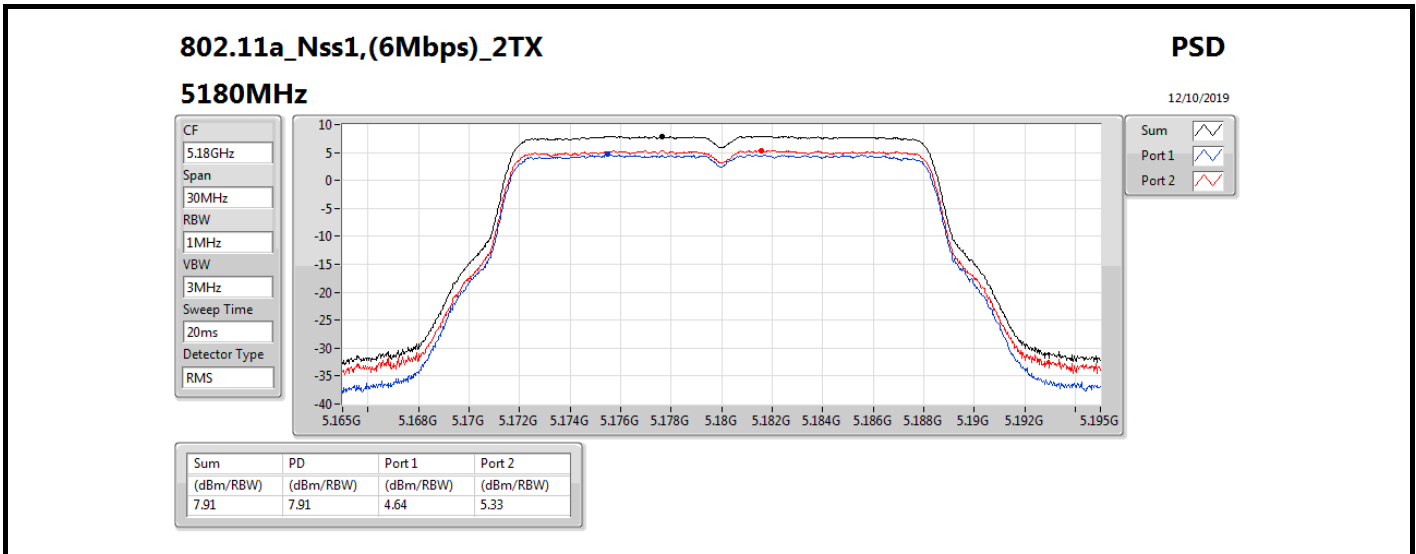


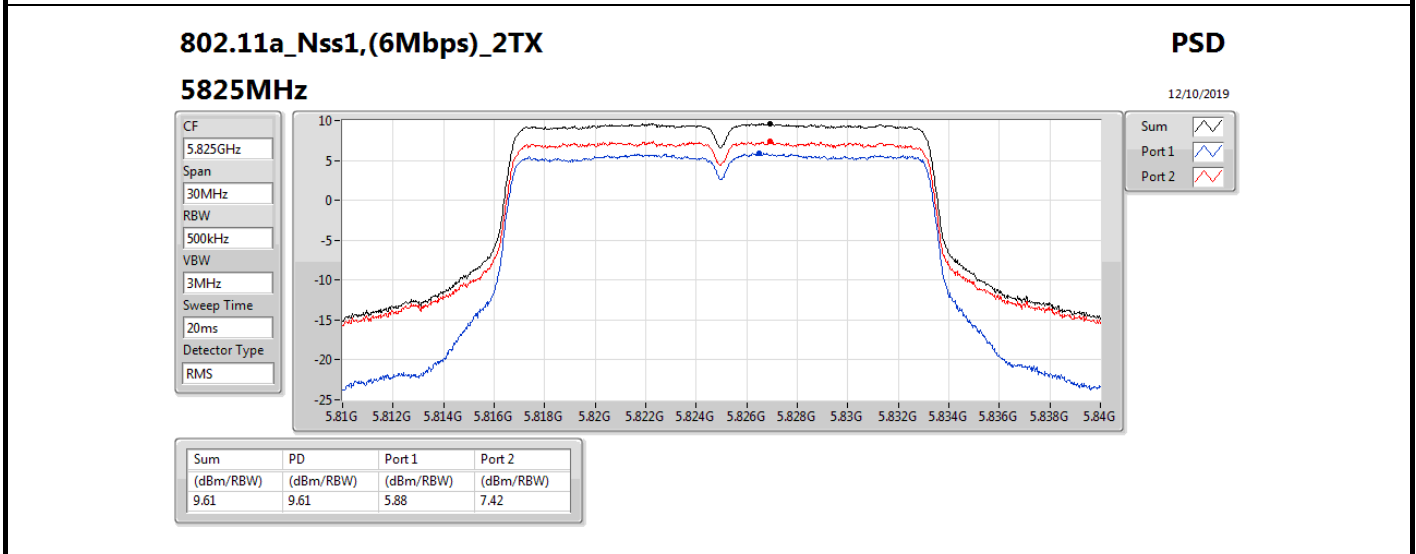
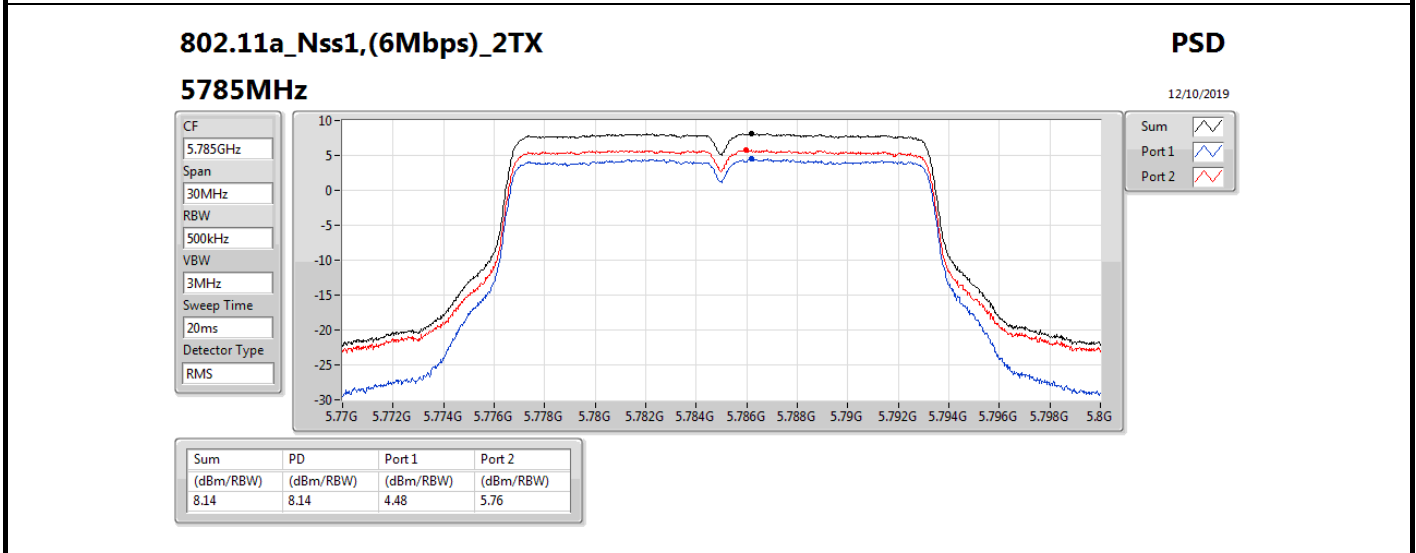
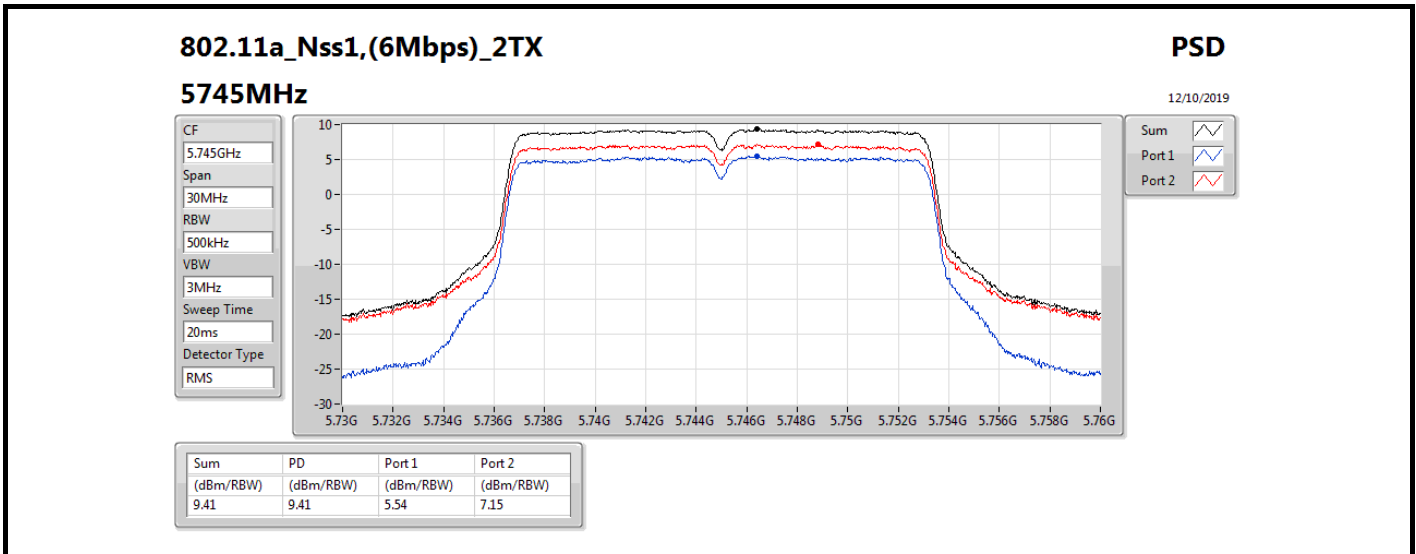


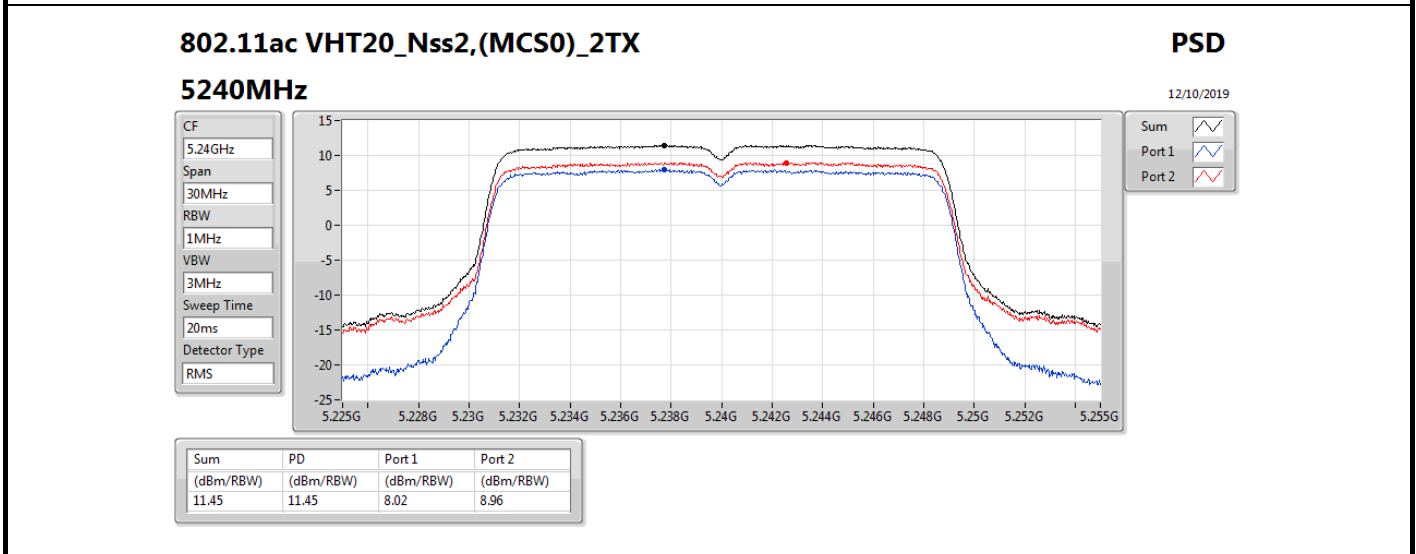
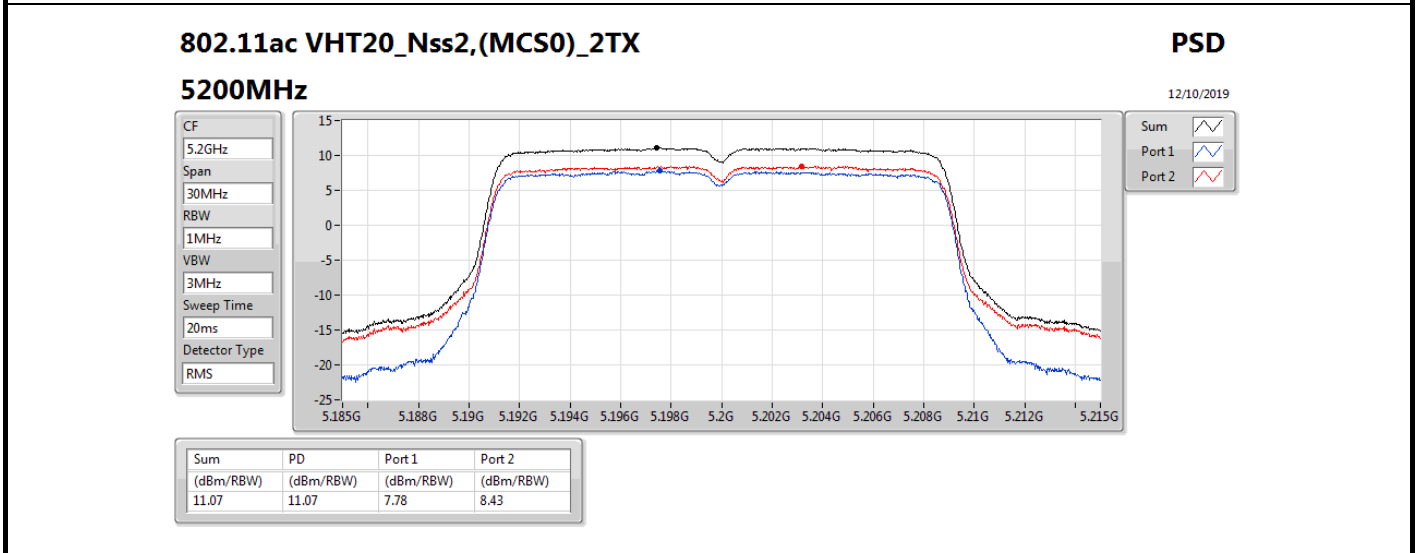
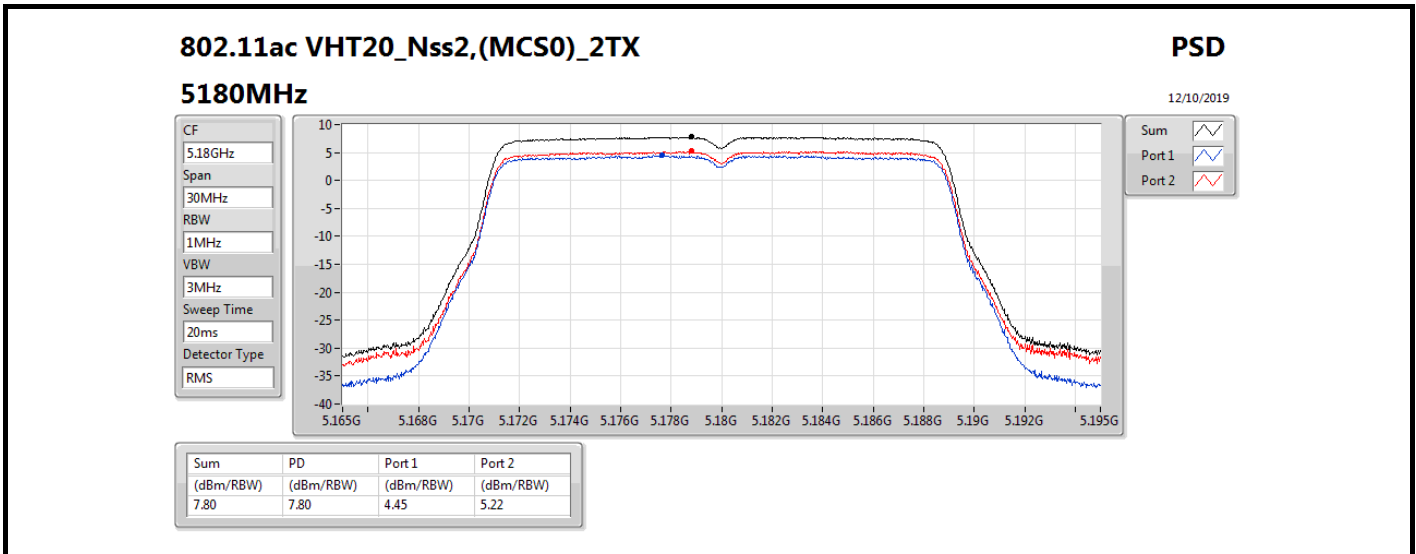
Result

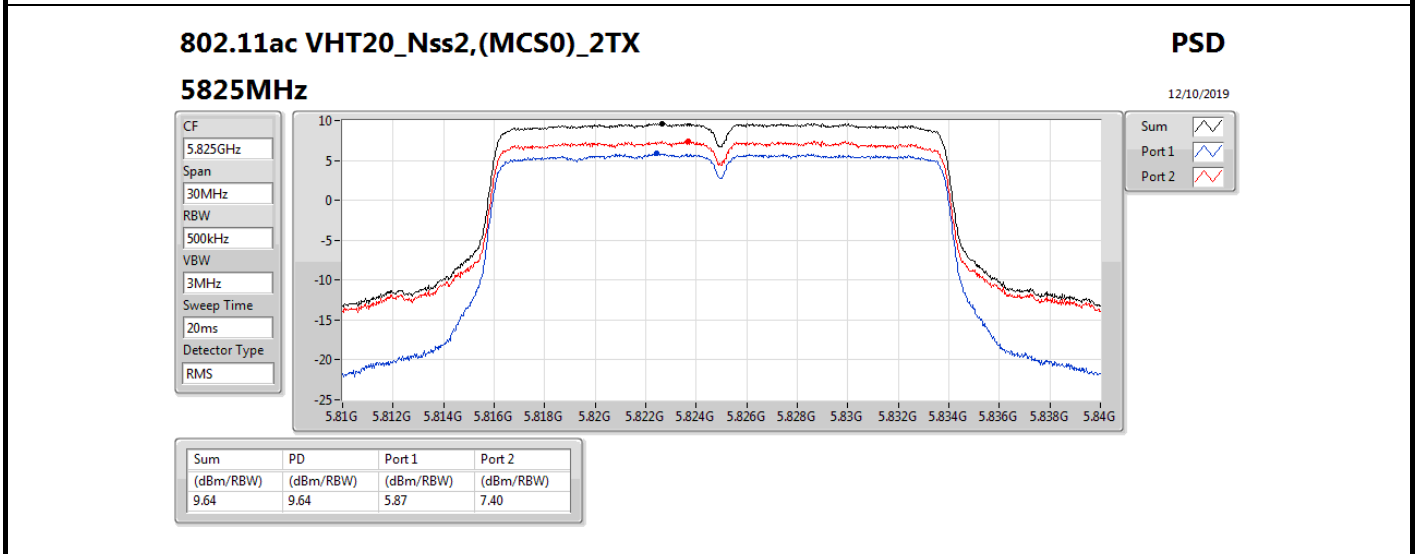
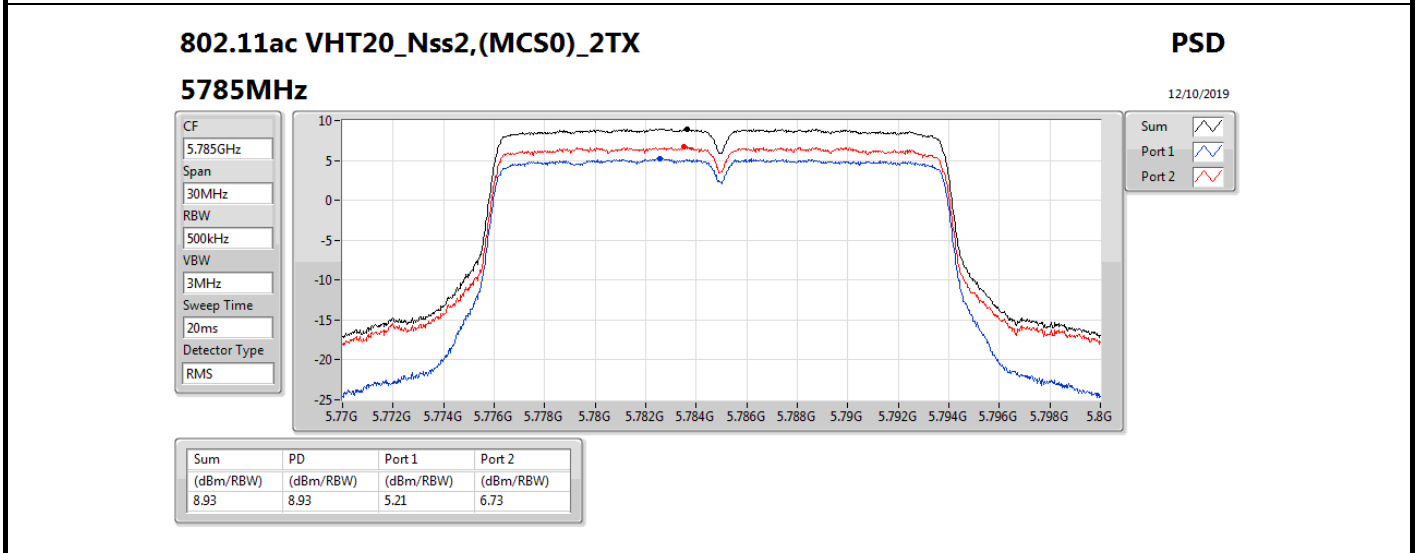
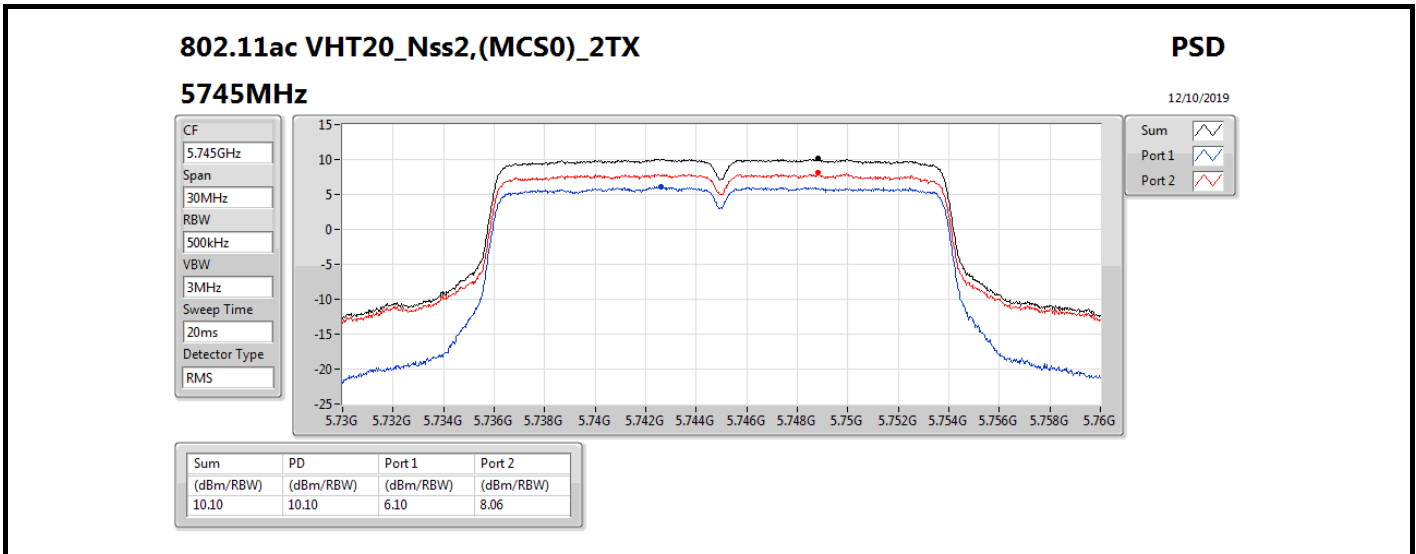
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-
5180MHz	Pass	11.01	4.64	5.33	7.91	11.99
5200MHz	Pass	11.01	8.52	9.51	11.94	11.99
5240MHz	Pass	11.01	8.31	9.49	11.86	11.99
5745MHz	Pass	11.01	5.54	7.15	9.41	24.99
5785MHz	Pass	11.01	4.48	5.76	8.14	24.99
5825MHz	Pass	11.01	5.88	7.42	9.61	24.99
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.00	4.45	5.22	7.80	15.00
5200MHz	Pass	8.00	7.78	8.43	11.07	15.00
5240MHz	Pass	8.00	8.02	8.96	11.45	15.00
5745MHz	Pass	8.00	6.10	8.06	10.10	28.00
5785MHz	Pass	8.00	5.21	6.73	8.93	28.00
5825MHz	Pass	8.00	5.87	7.40	9.64	28.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.00	-0.18	0.29	2.97	15.00
5230MHz	Pass	8.00	4.47	5.33	7.89	15.00
5755MHz	Pass	8.00	3.03	4.58	6.79	28.00
5795MHz	Pass	8.00	3.60	4.90	7.25	28.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.00	-3.22	-2.43	0.15	15.00
5775MHz	Pass	8.00	-2.44	-0.94	1.29	28.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	8.00	4.53	5.02	7.69	15.00
5200MHz	Pass	8.00	7.50	8.46	10.94	15.00
5240MHz	Pass	8.00	7.84	8.79	11.32	15.00
5745MHz	Pass	8.00	5.93	7.76	9.90	28.00
5785MHz	Pass	8.00	5.22	6.49	8.86	28.00
5825MHz	Pass	8.00	5.80	7.20	9.48	28.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	8.00	-0.18	0.24	2.98	15.00
5230MHz	Pass	8.00	4.35	5.21	7.72	15.00
5755MHz	Pass	8.00	2.90	4.48	6.69	28.00
5795MHz	Pass	8.00	3.61	4.82	7.16	28.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	8.00	-3.12	-2.48	0.17	15.00
5775MHz	Pass	8.00	-2.31	-0.91	1.34	28.00

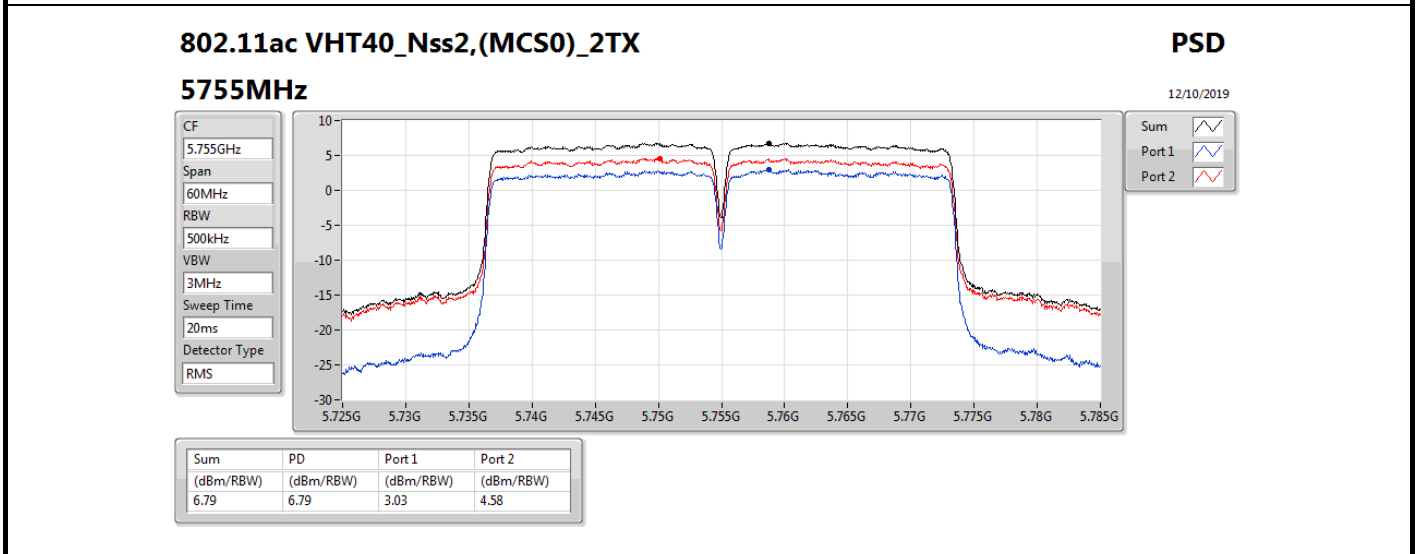
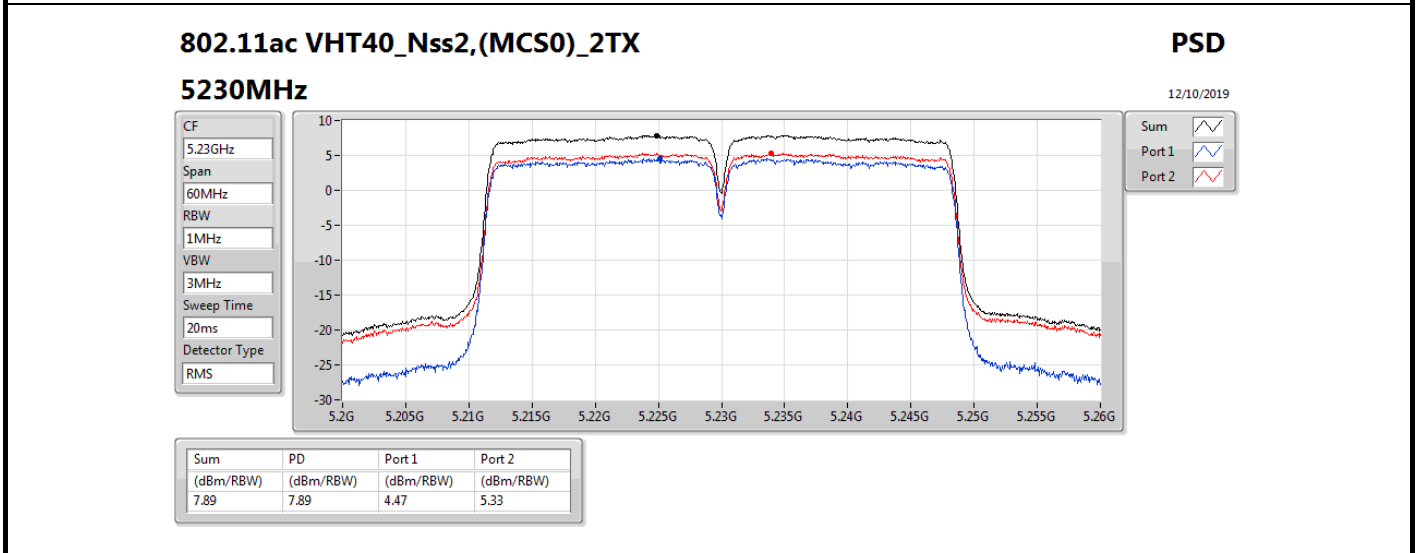
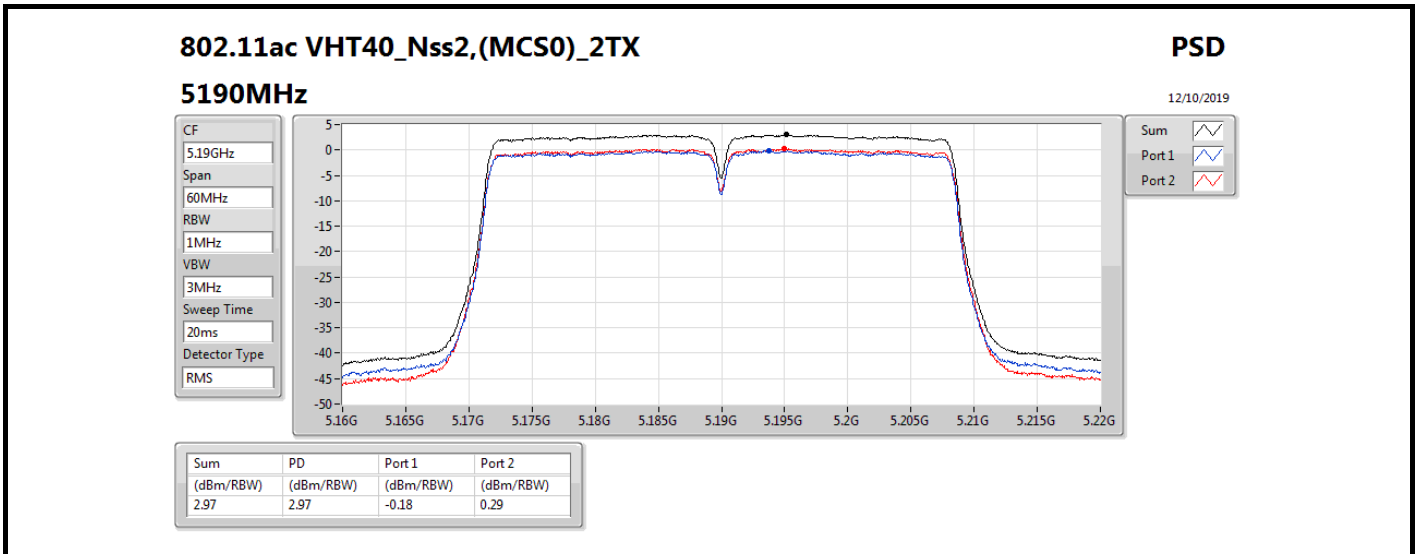
DG = Directional Gain; RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

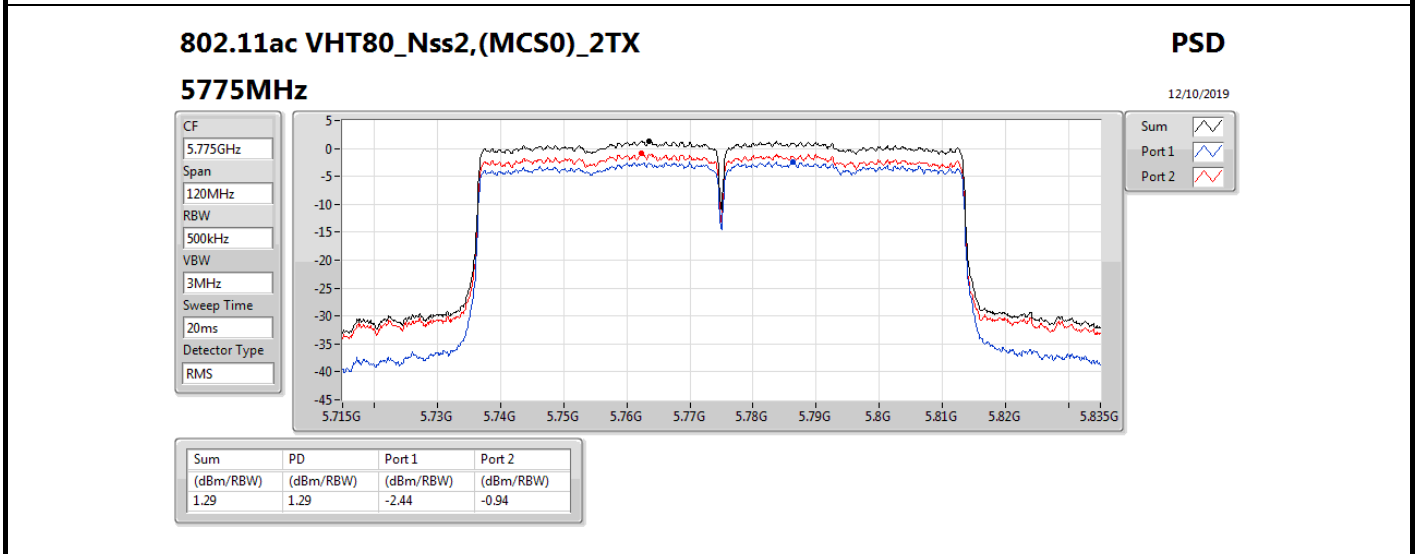
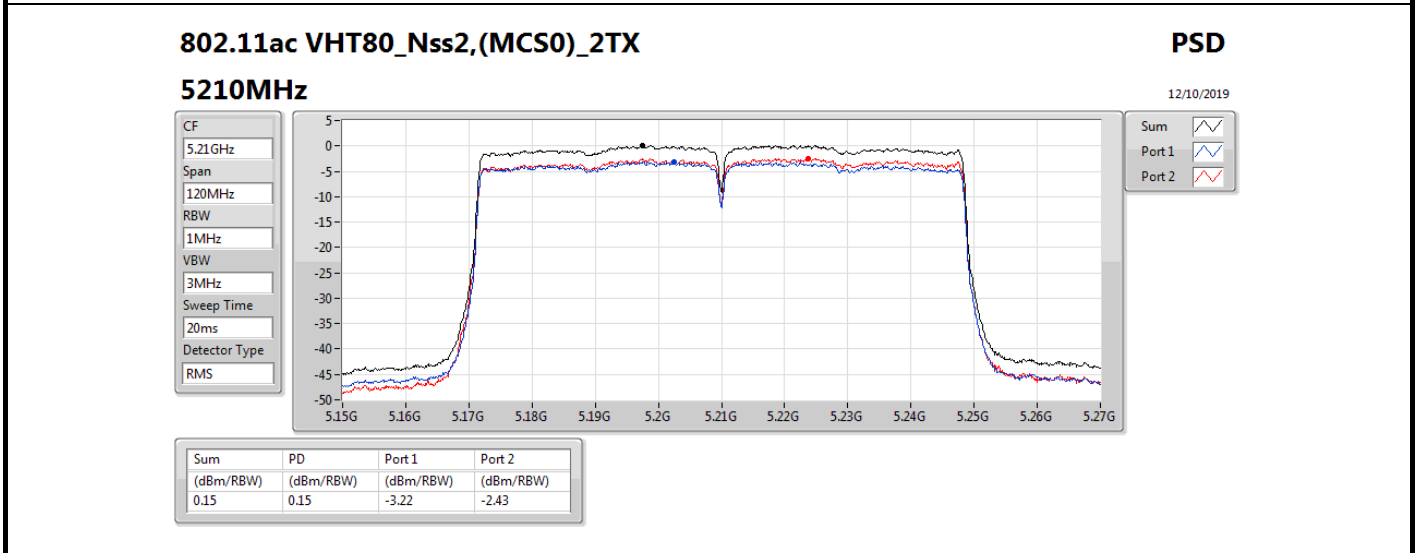
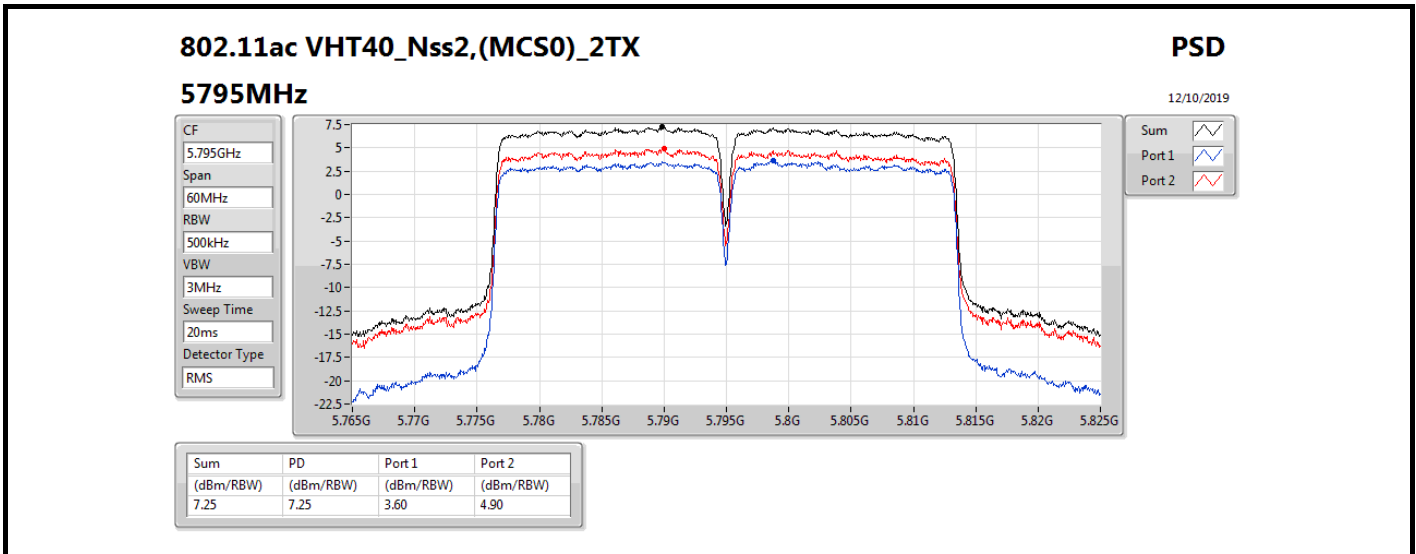


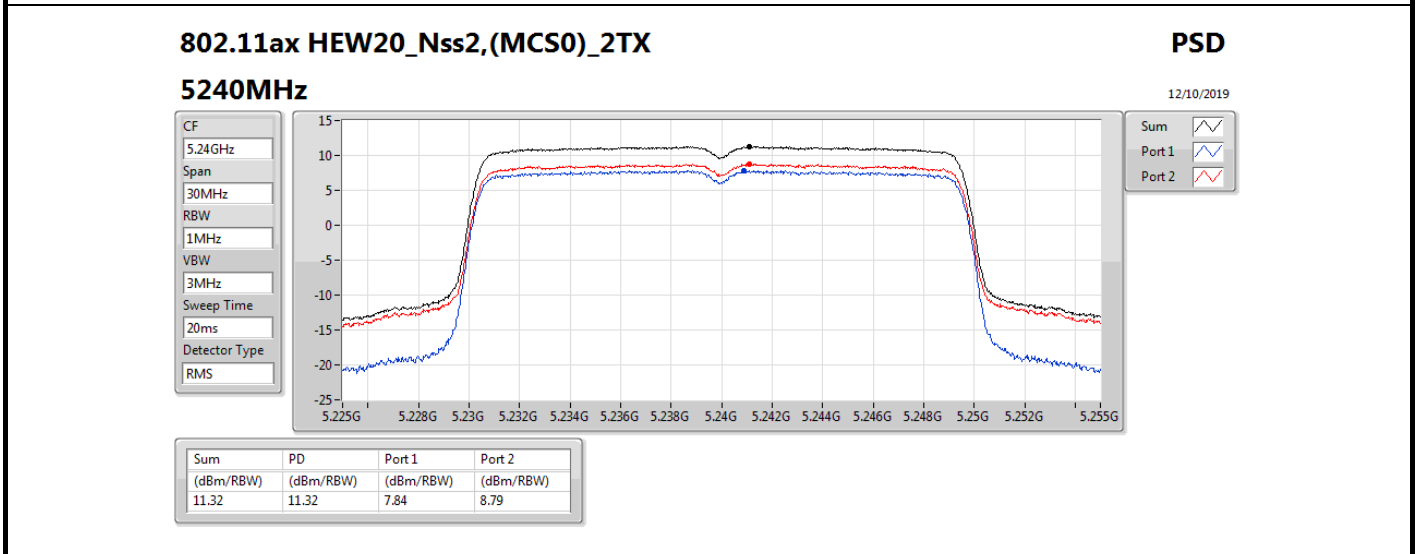
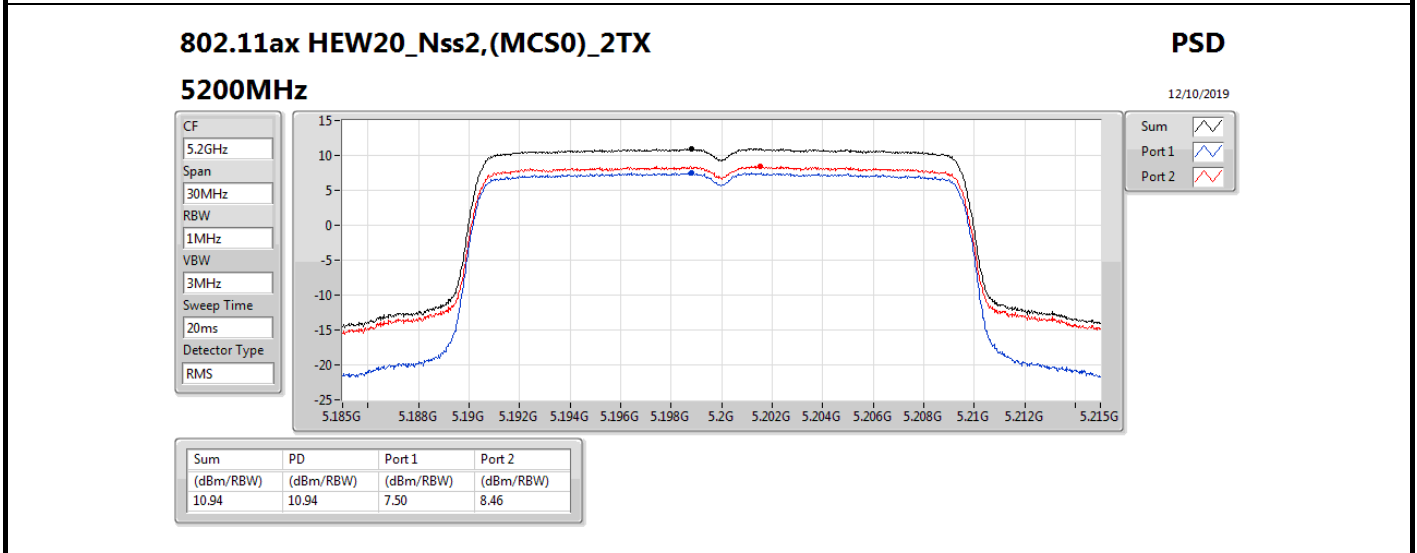
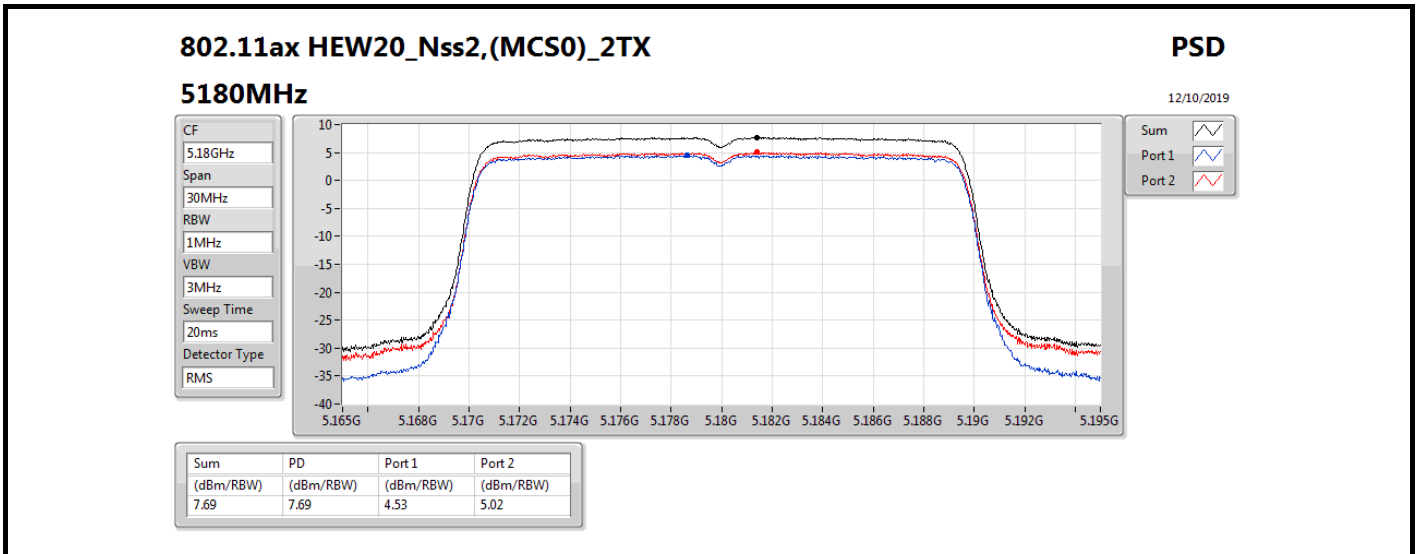




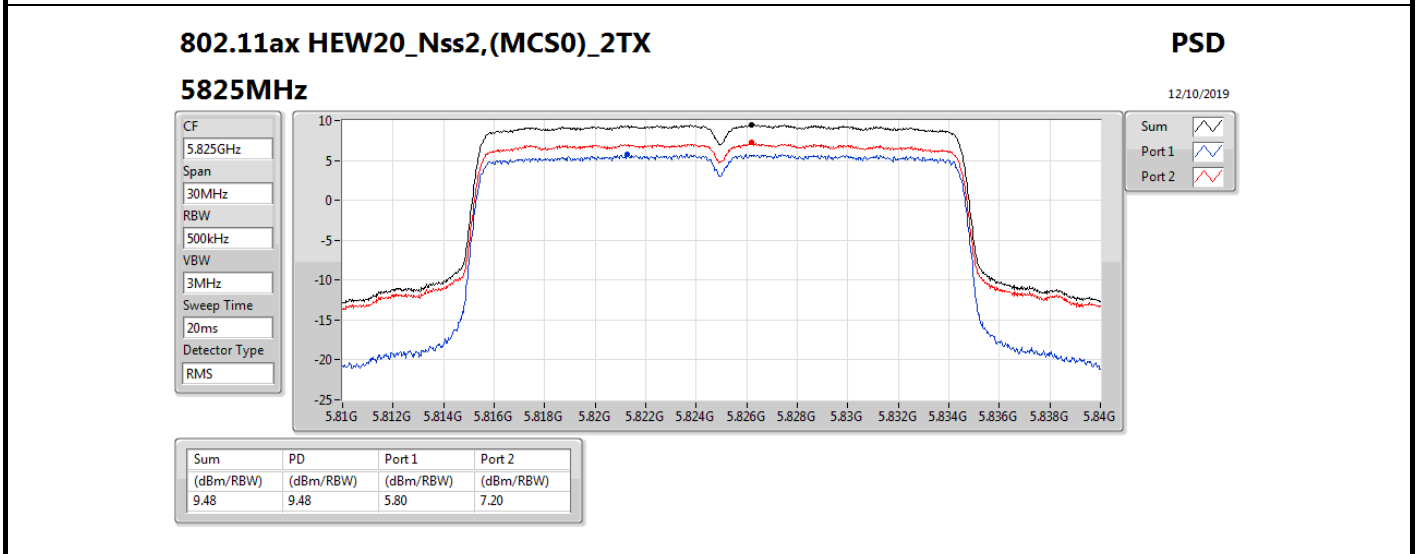
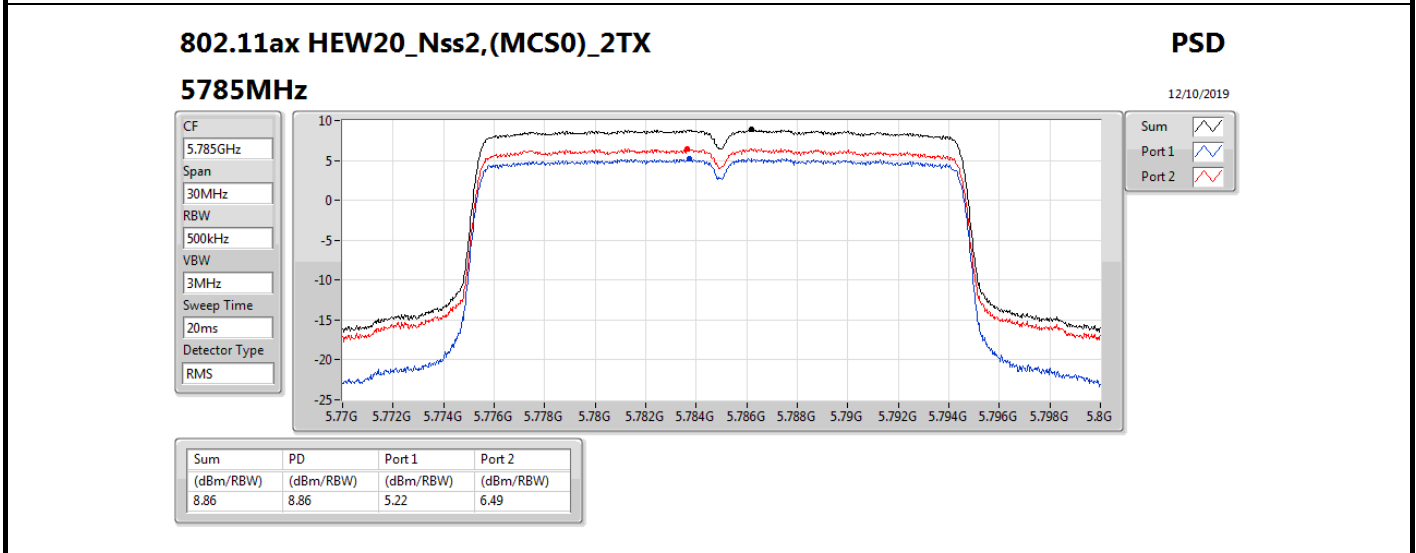
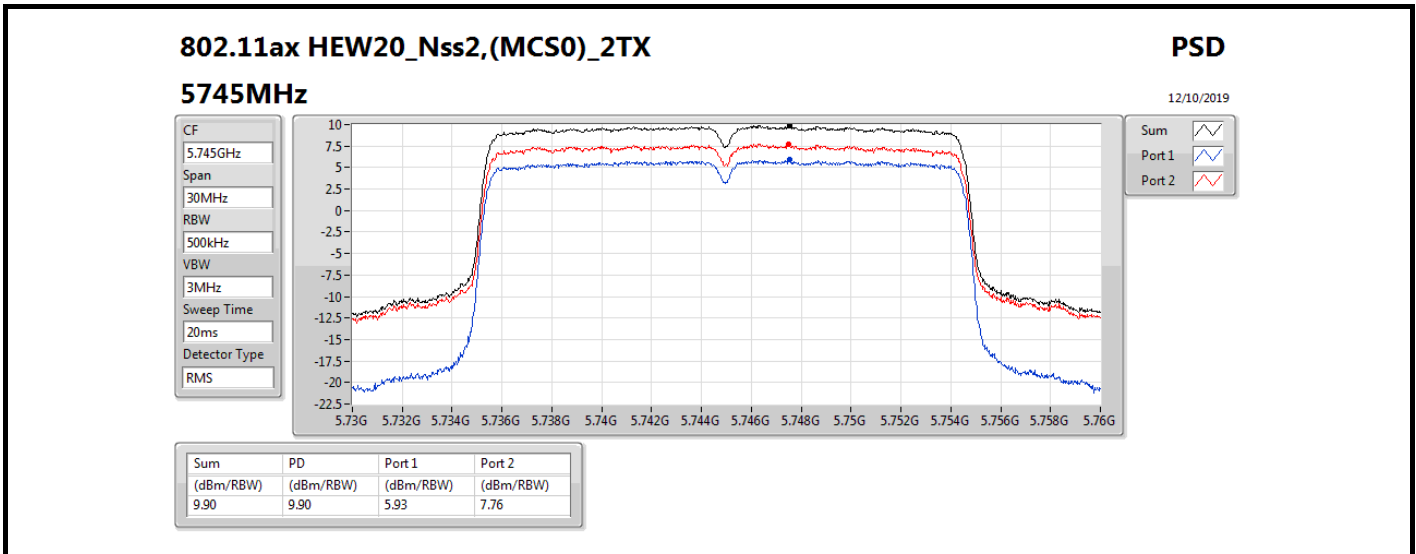


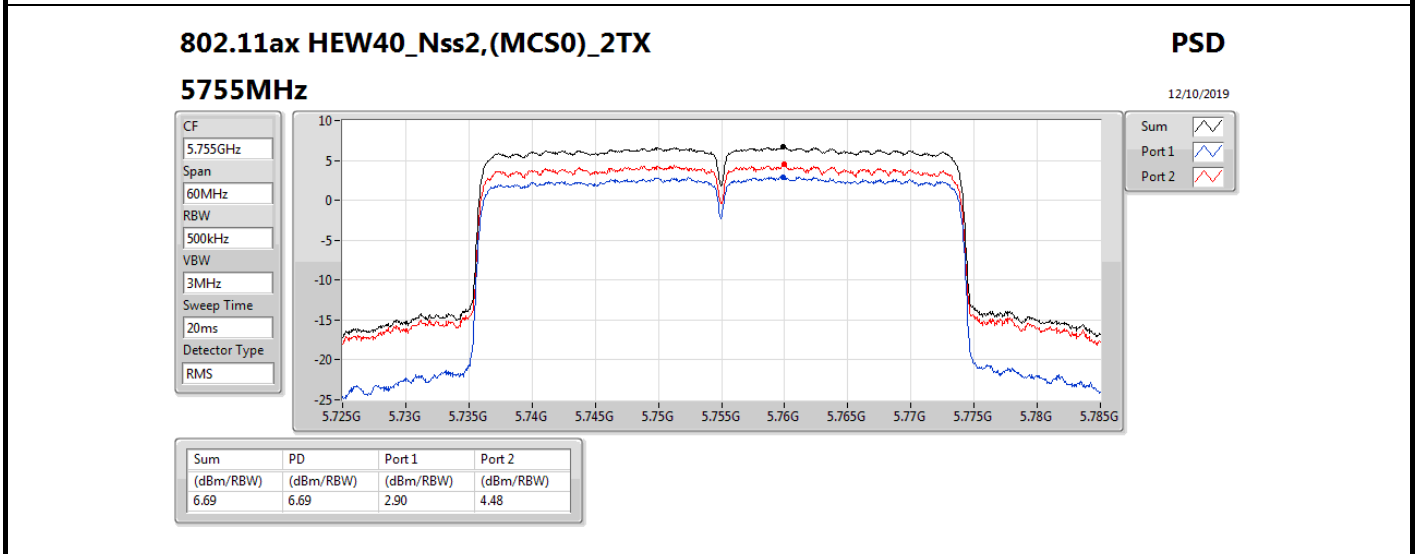
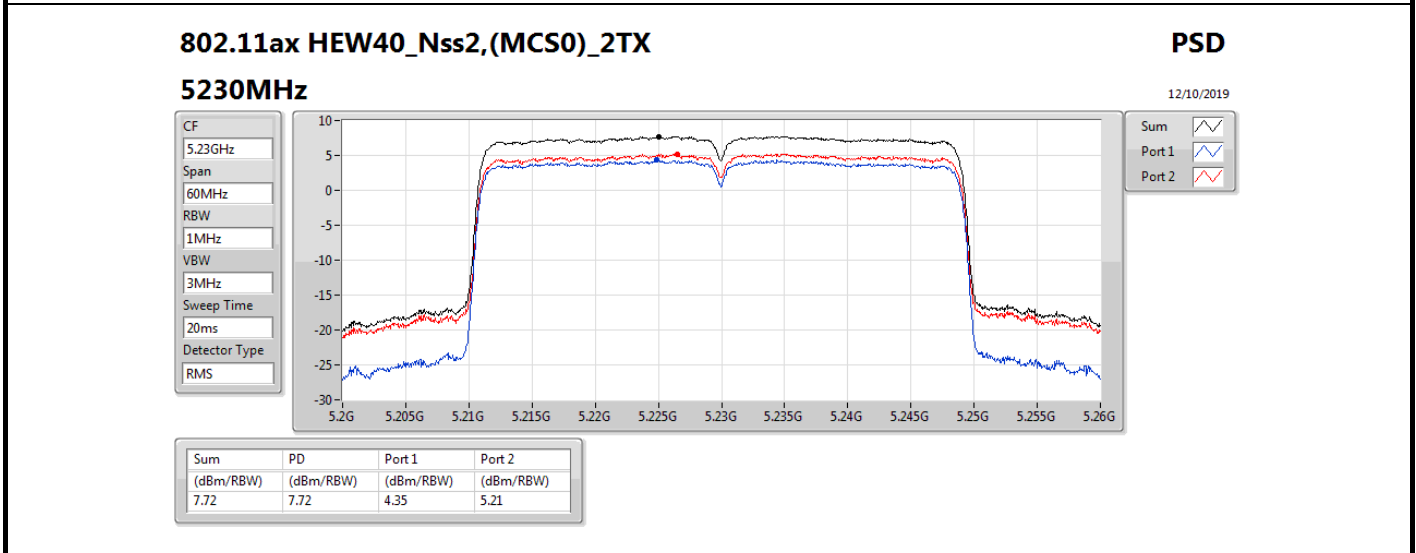
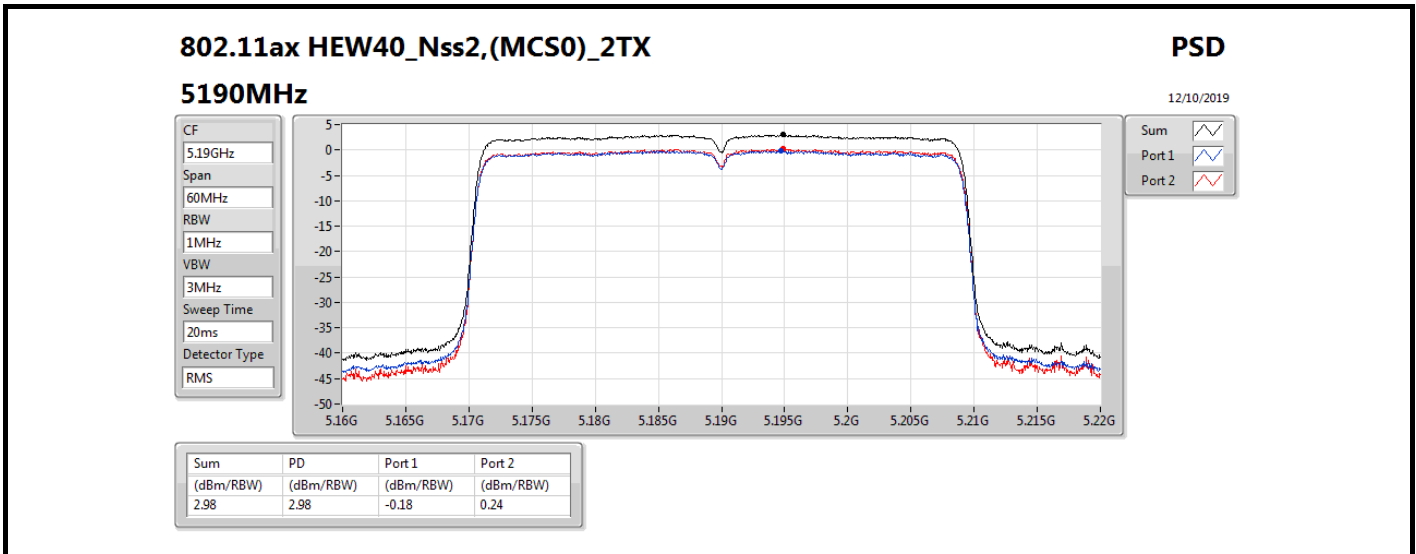


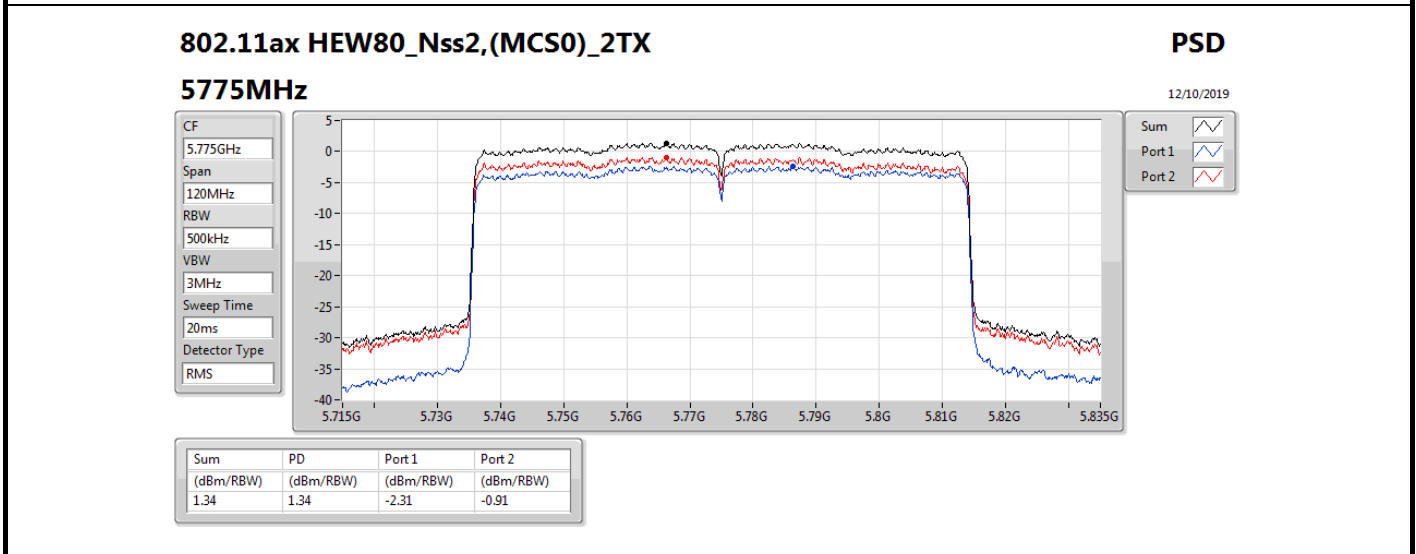
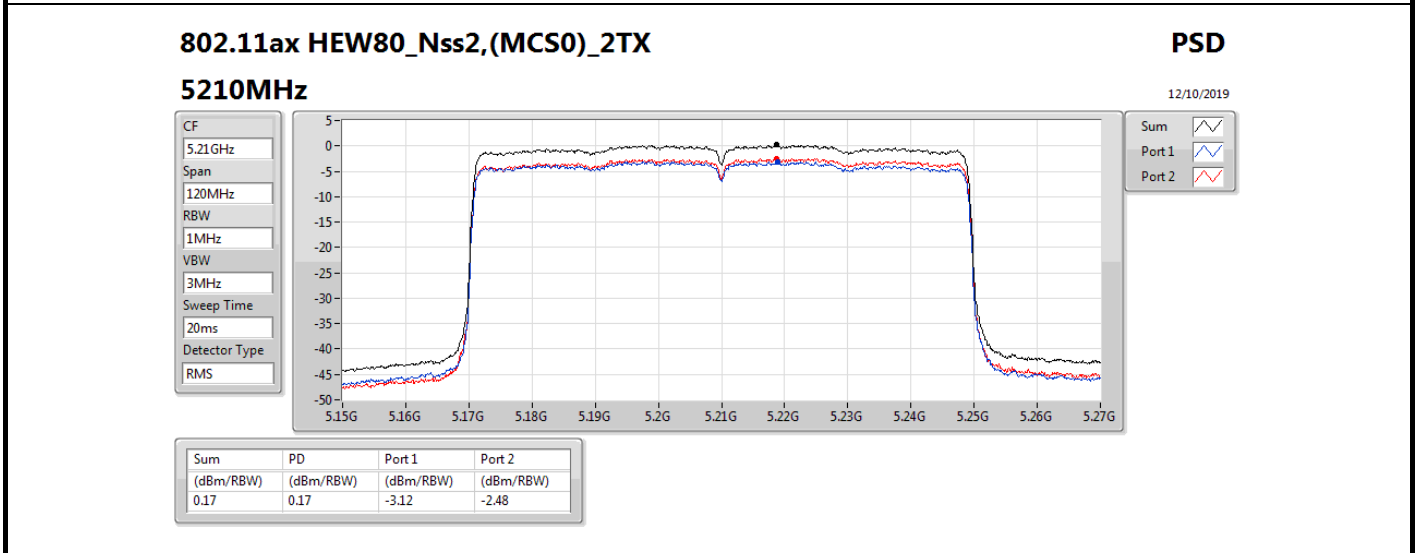
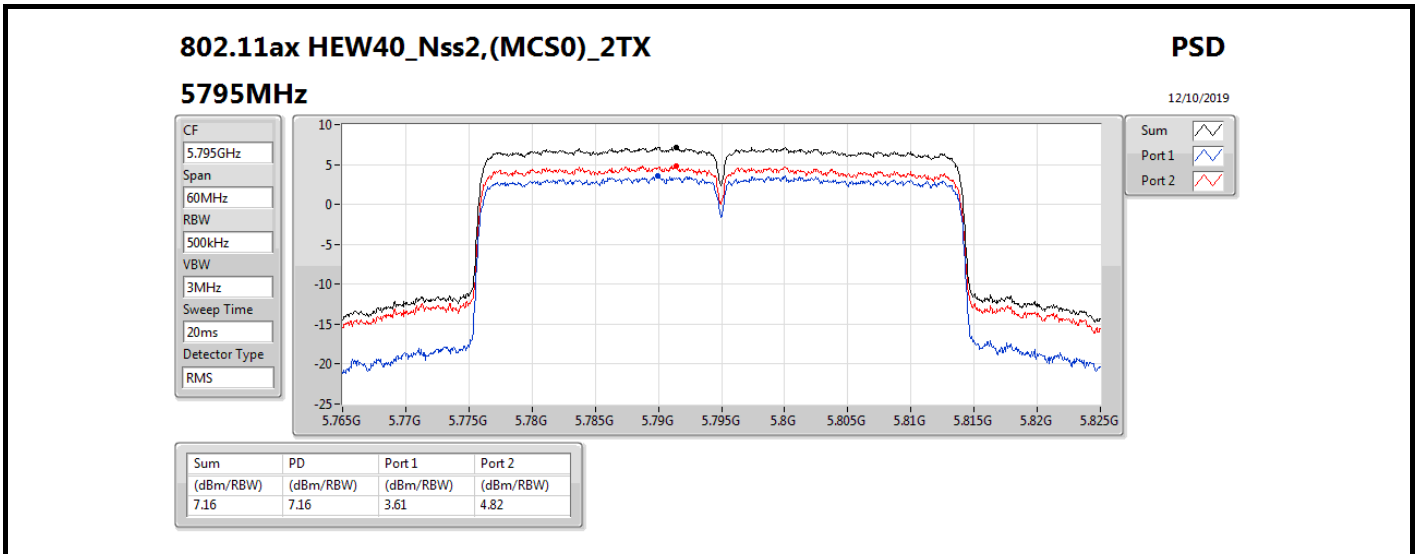














Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	11.18
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	8.20
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-0.34
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.84
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	8.28
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-0.21
5.725-5.85GHz	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	8.50
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	6.43
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	2.11
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	8.84
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.66
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	2.35

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

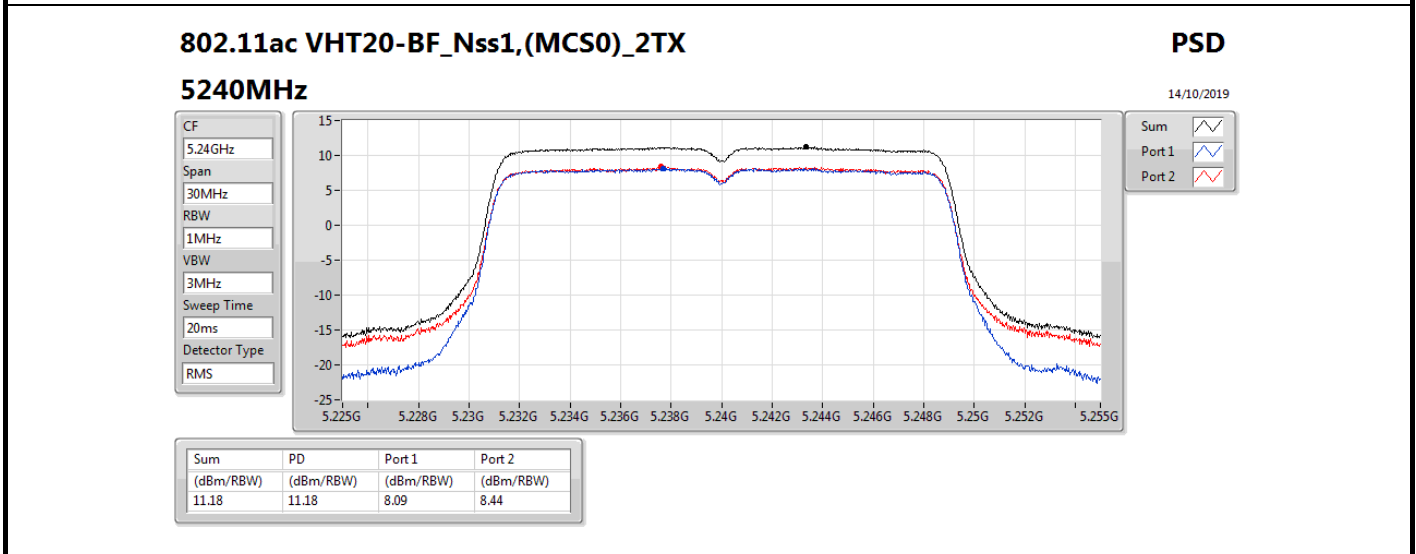
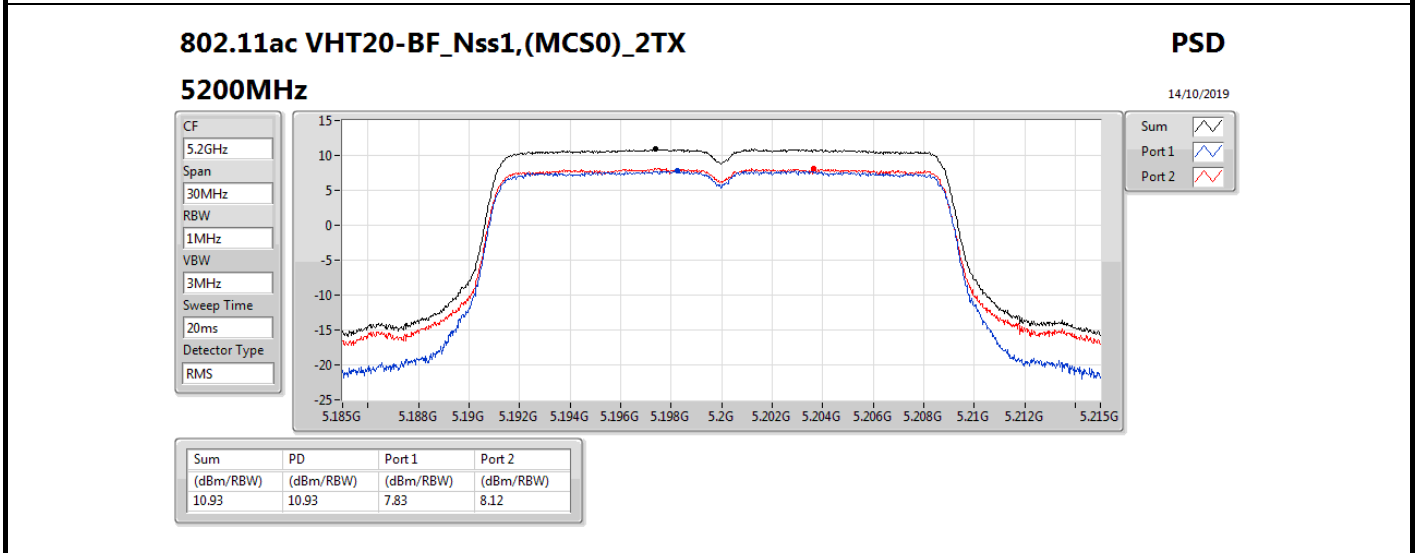
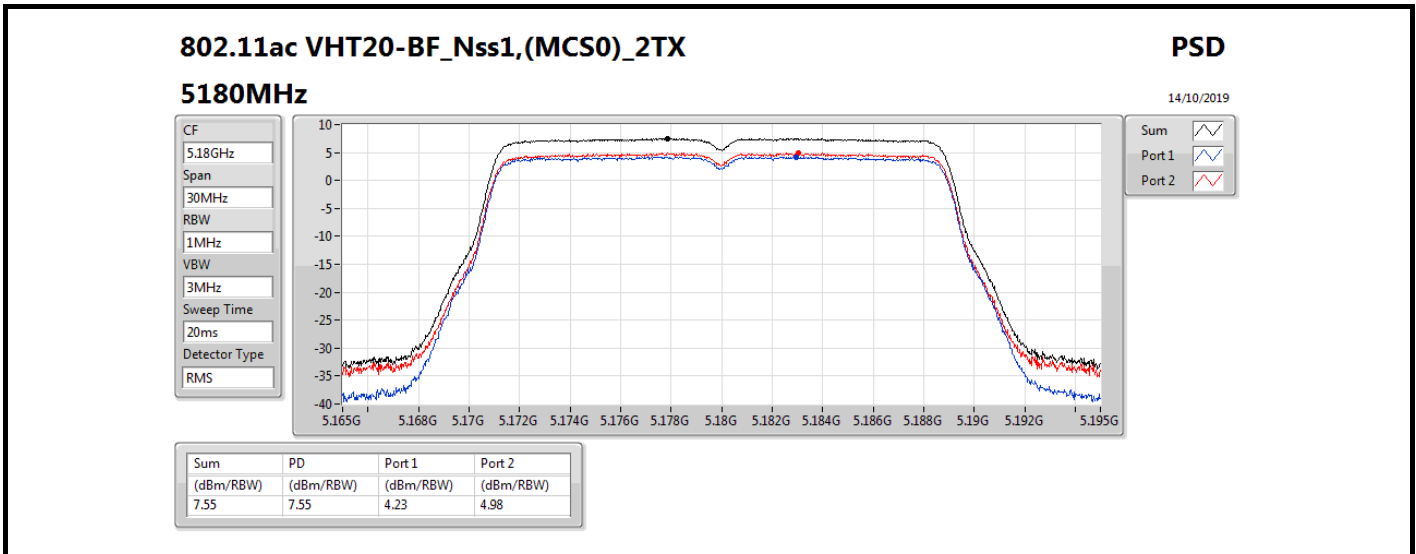


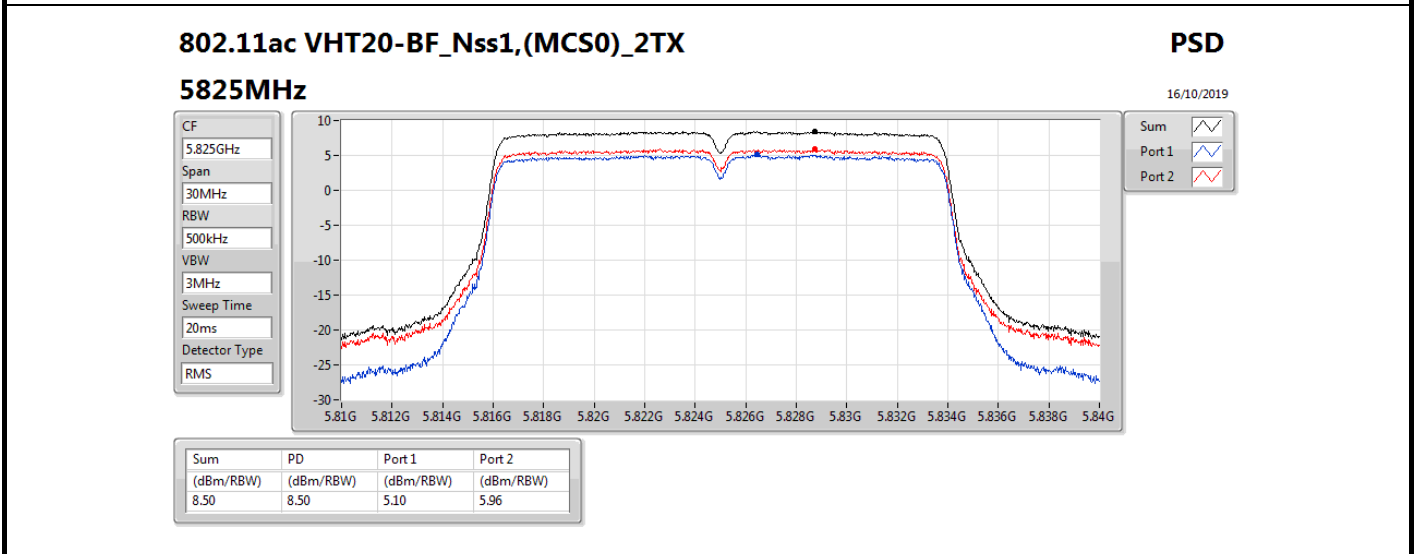
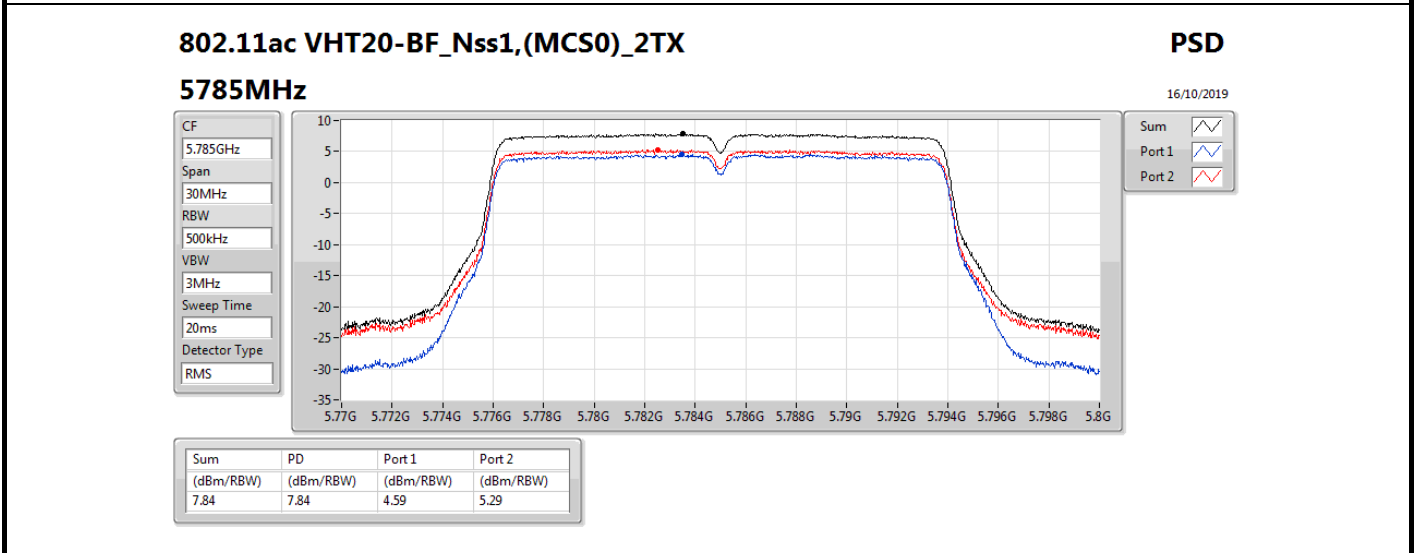
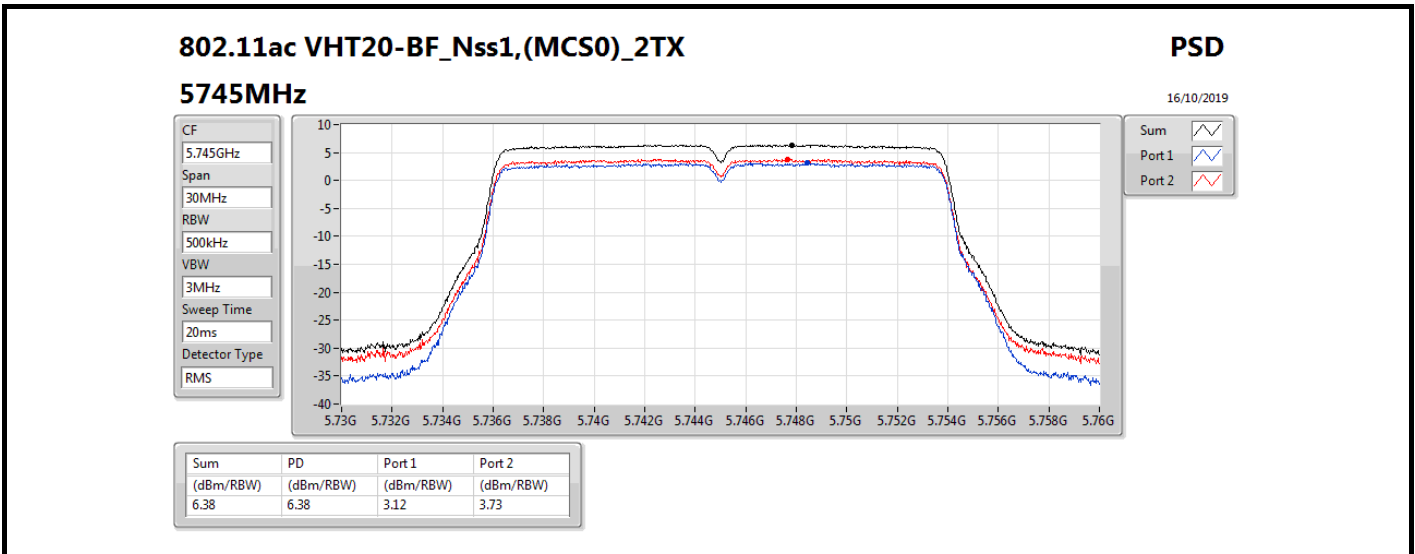
Result

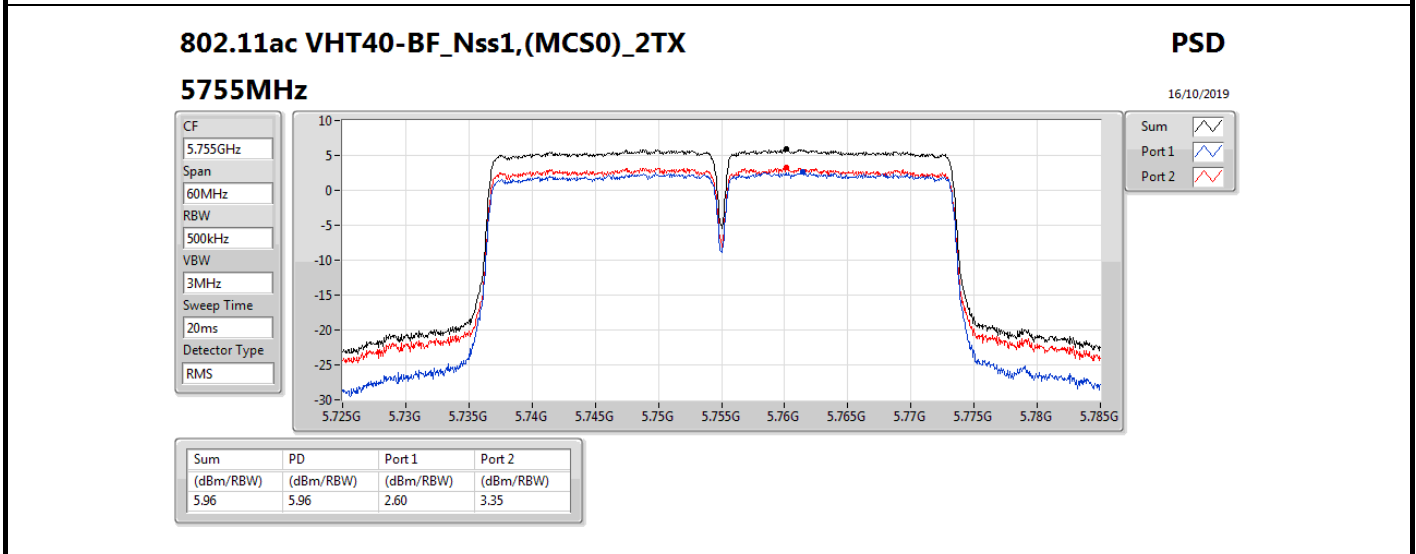
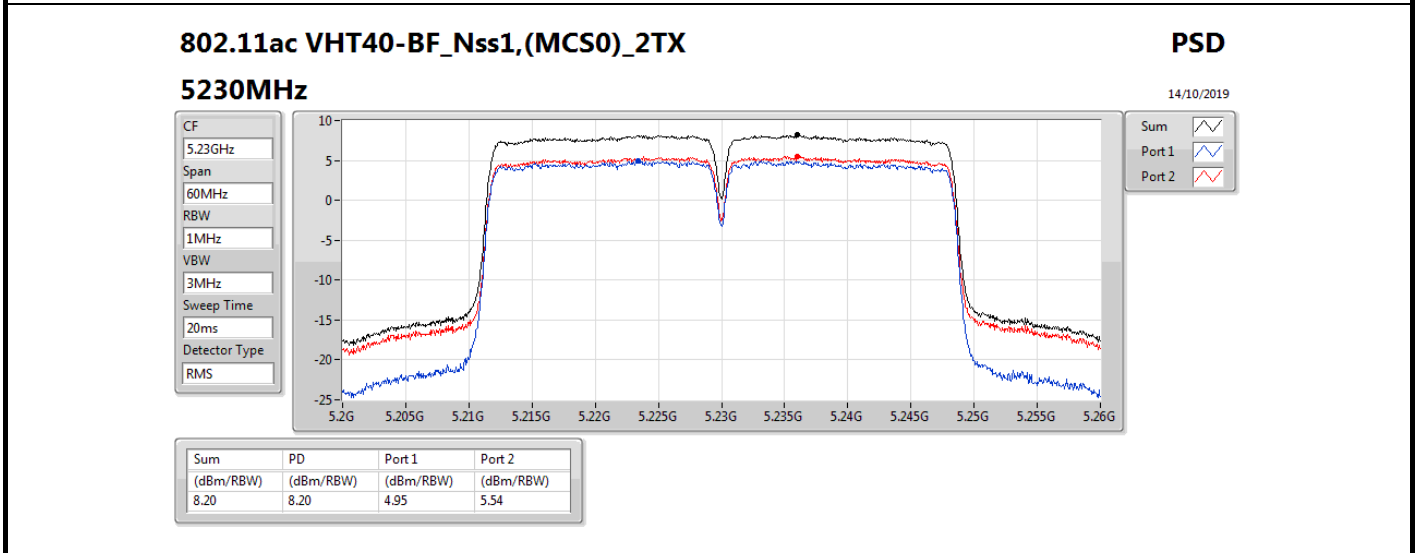
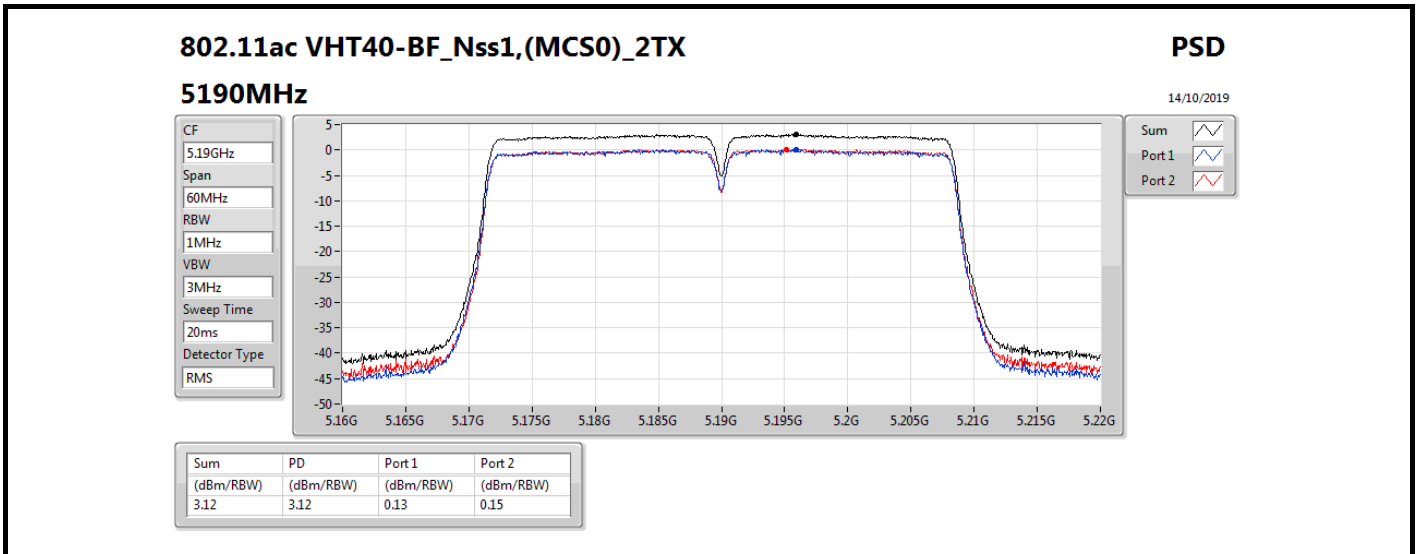
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	11.01	4.23	4.98	7.55	11.99
5200MHz	Pass	11.01	7.83	8.12	10.93	11.99
5240MHz	Pass	11.01	8.09	8.44	11.18	11.99
5745MHz	Pass	11.01	3.12	3.73	6.38	24.99
5785MHz	Pass	11.01	4.59	5.29	7.84	24.99
5825MHz	Pass	11.01	5.10	5.96	8.50	24.99
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	11.01	0.13	0.15	3.12	11.99
5230MHz	Pass	11.01	4.95	5.54	8.20	11.99
5755MHz	Pass	11.01	2.60	3.35	5.96	24.99
5795MHz	Pass	11.01	3.11	3.92	6.43	24.99
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	11.01	-3.87	-2.88	-0.34	11.99
5775MHz	Pass	11.01	-1.24	-0.26	2.11	24.99
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5180MHz	Pass	11.01	4.85	5.37	8.09	11.99
5200MHz	Pass	11.01	8.20	8.74	11.45	11.99
5240MHz	Pass	11.01	8.65	9.12	11.84	11.99
5745MHz	Pass	11.01	3.59	4.23	6.86	24.99
5785MHz	Pass	11.01	4.97	5.68	8.25	24.99
5825MHz	Pass	11.01	5.48	6.28	8.84	24.99
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5190MHz	Pass	11.01	0.16	0.55	3.36	11.99
5230MHz	Pass	11.01	5.27	5.40	8.28	11.99
5755MHz	Pass	11.01	2.72	3.34	5.92	24.99
5795MHz	Pass	11.01	3.15	4.15	6.66	24.99
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5210MHz	Pass	11.01	-3.60	-2.62	-0.21	11.99
5775MHz	Pass	11.01	-1.01	-0.15	2.35	24.99

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

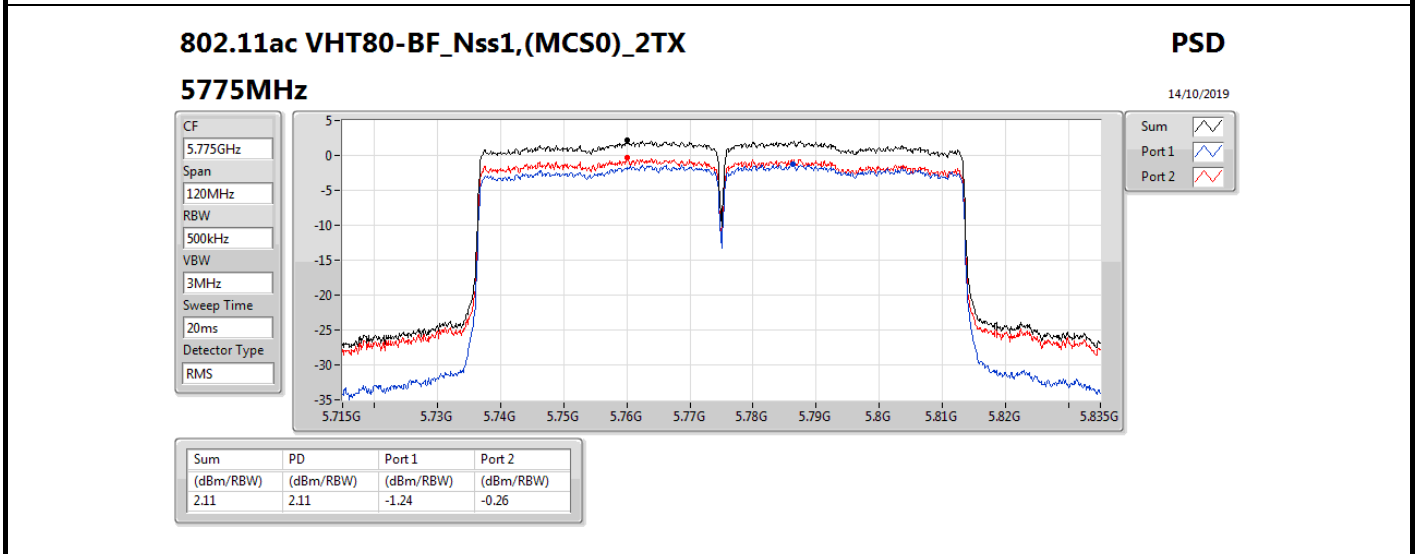
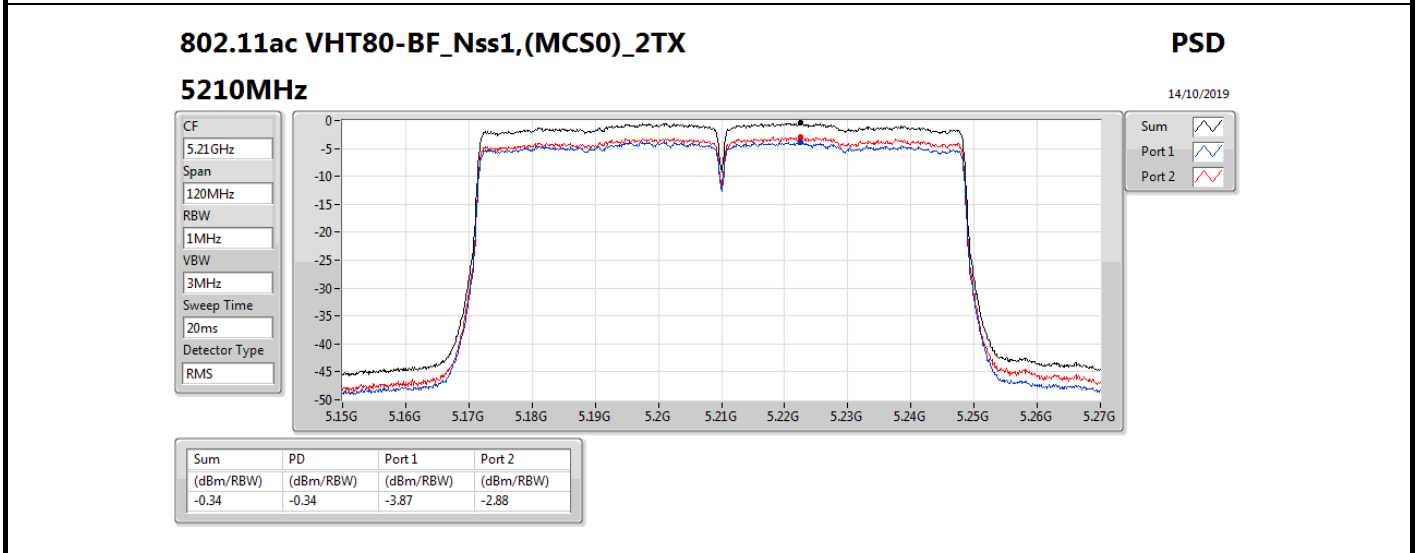
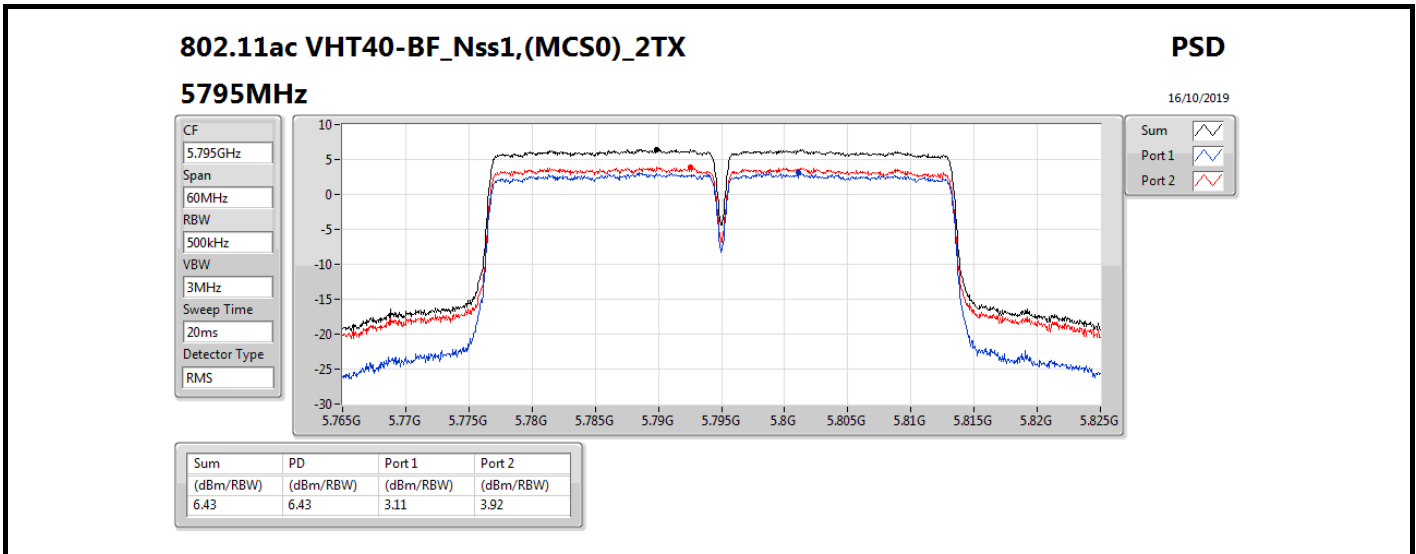
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

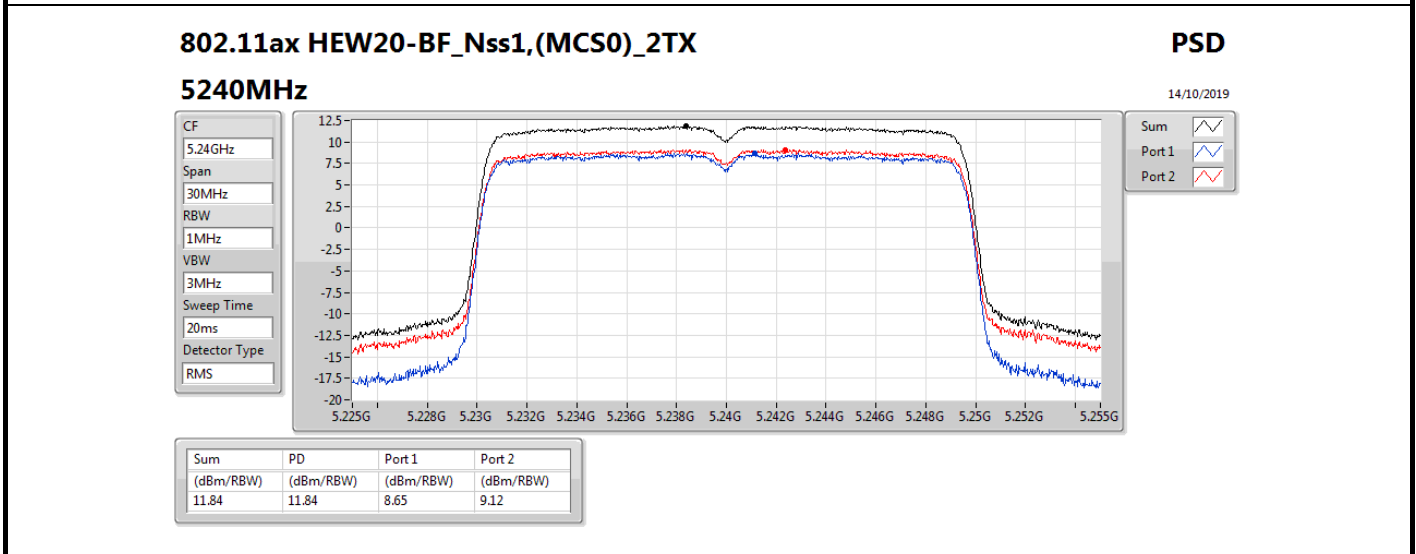
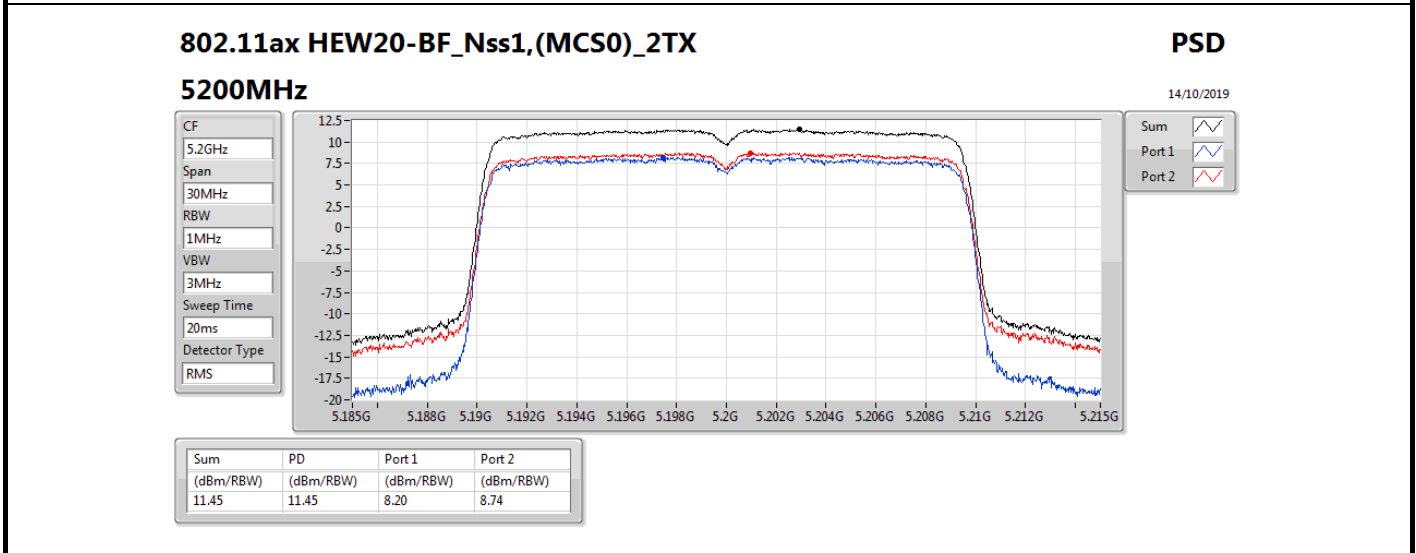
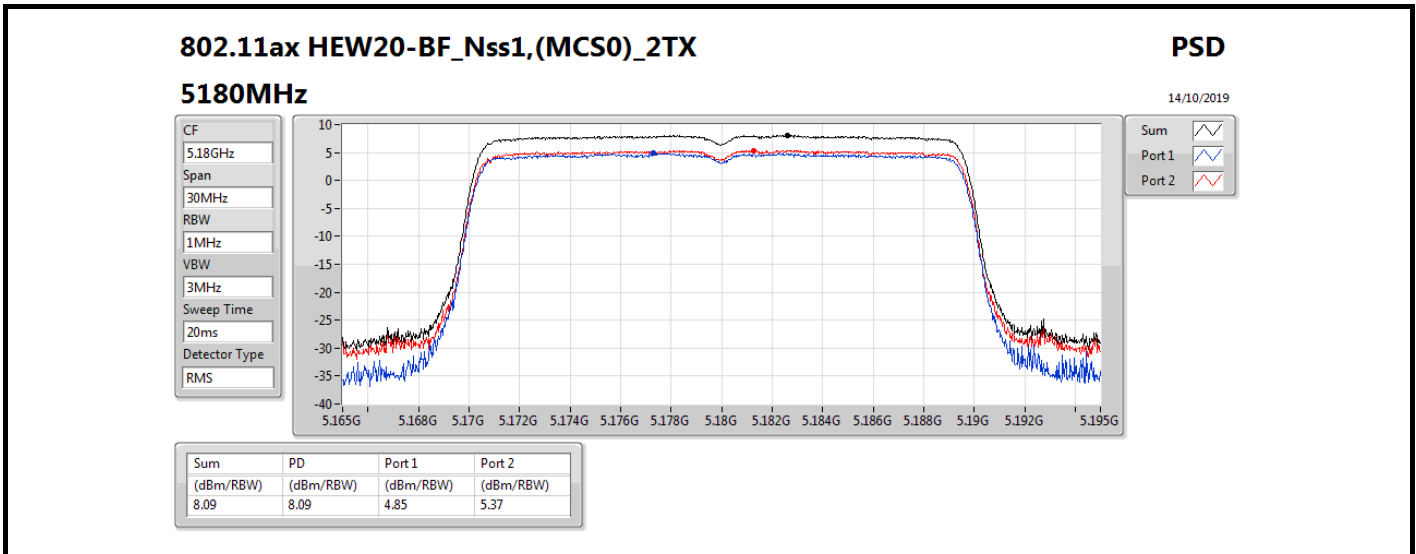


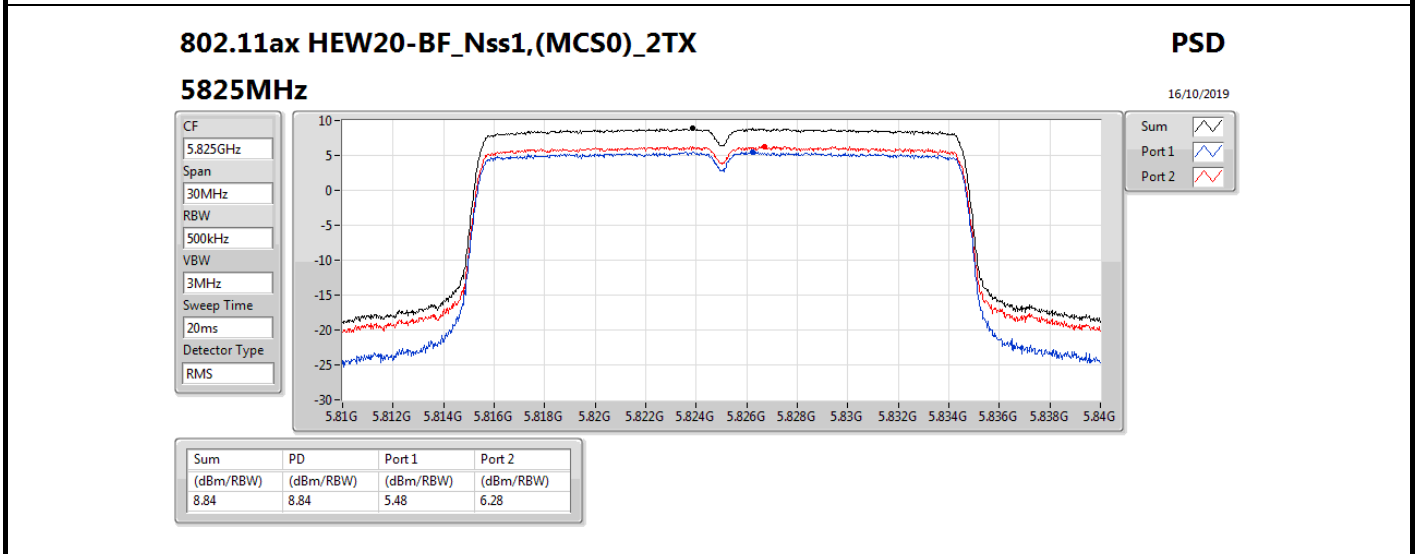
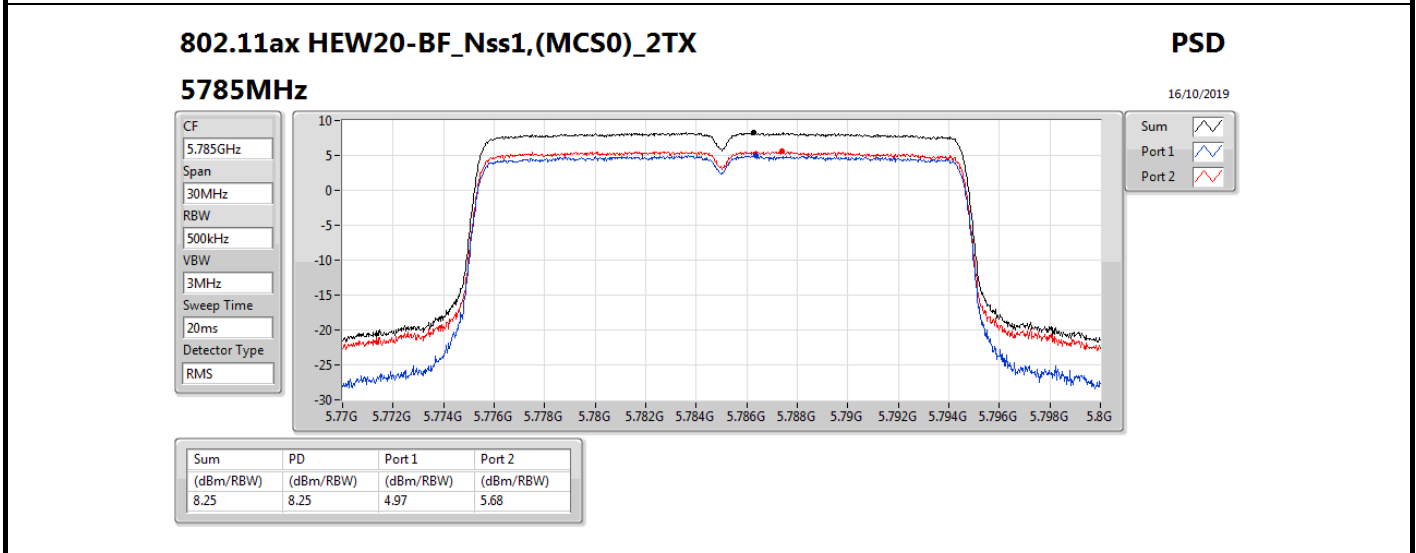
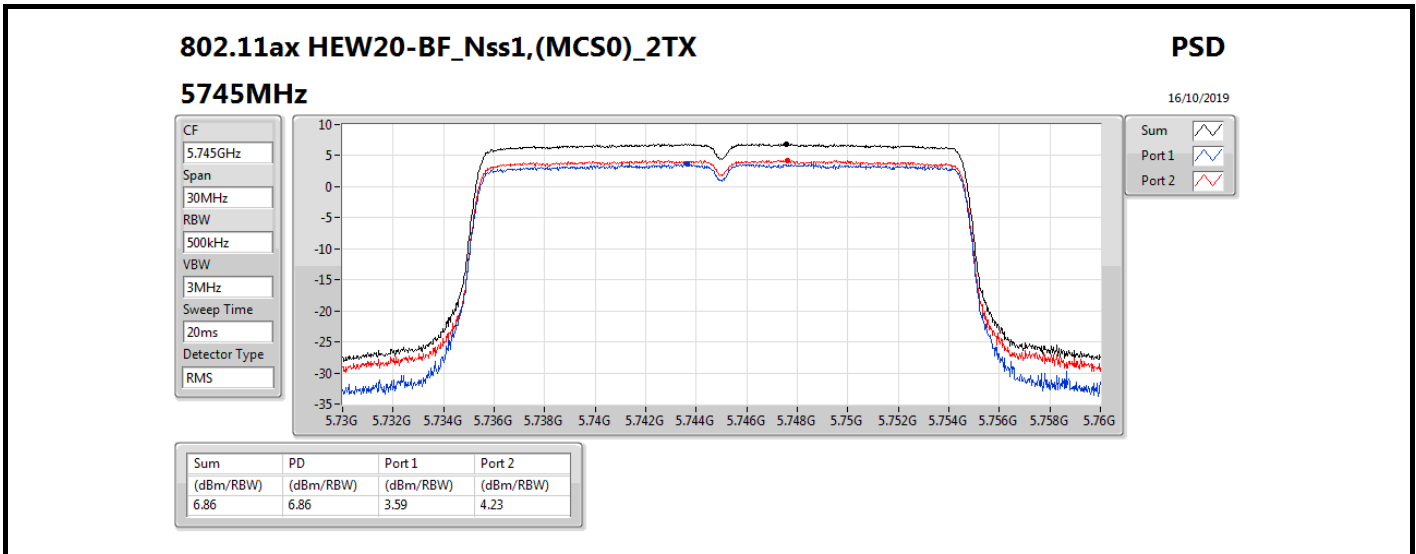


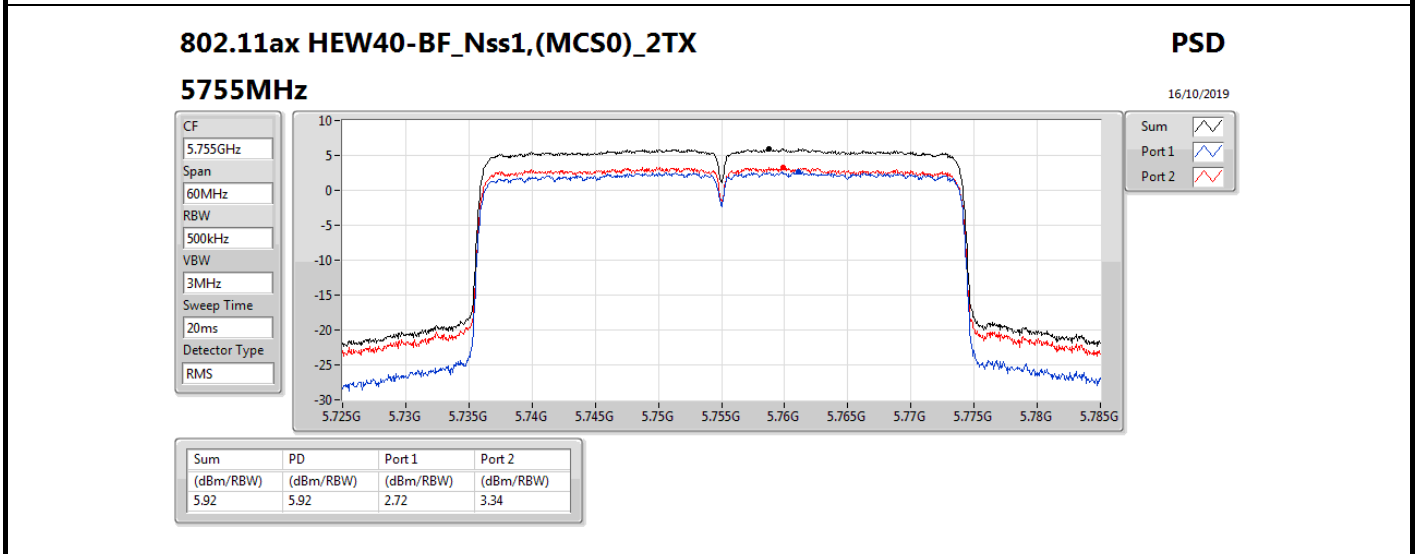
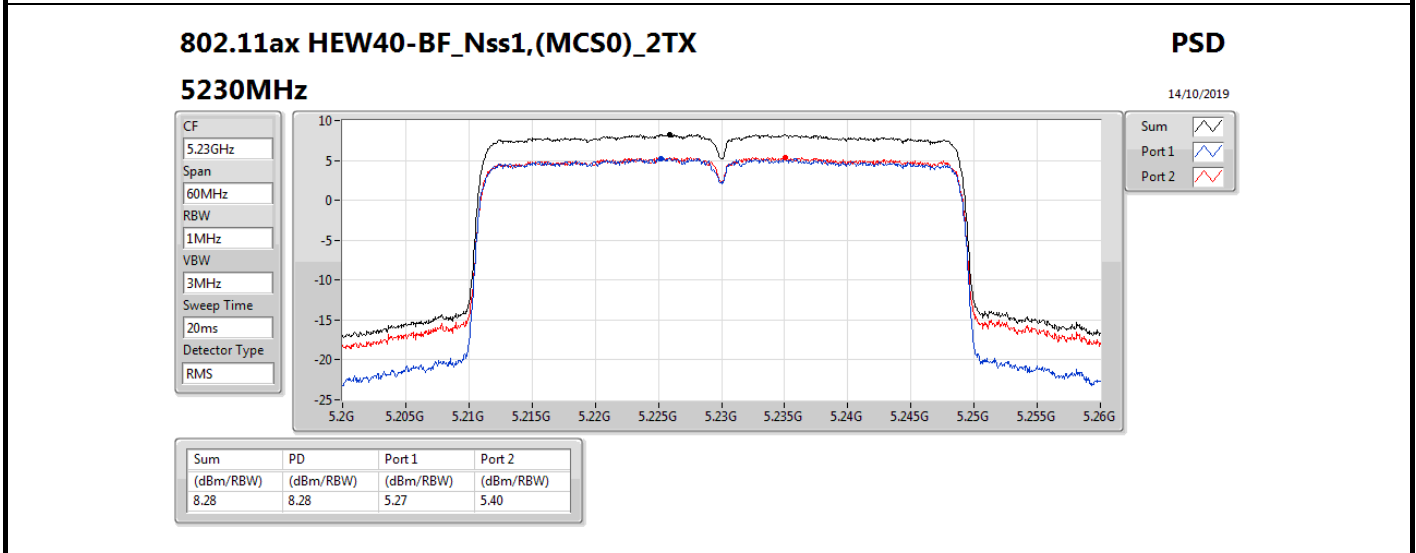
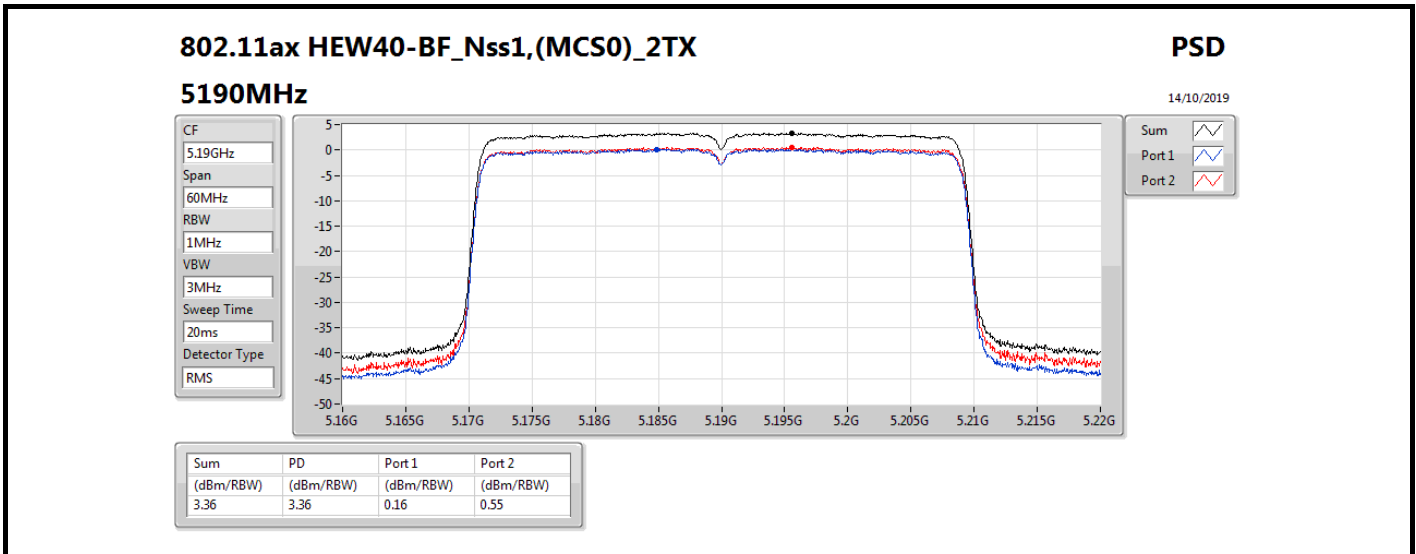


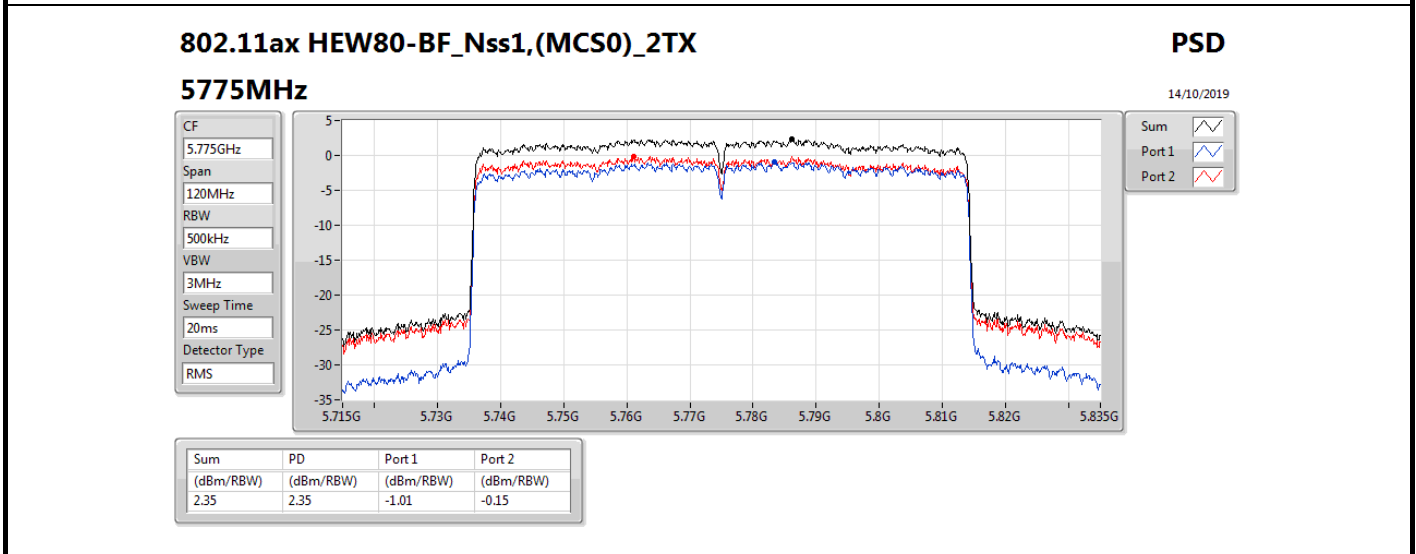
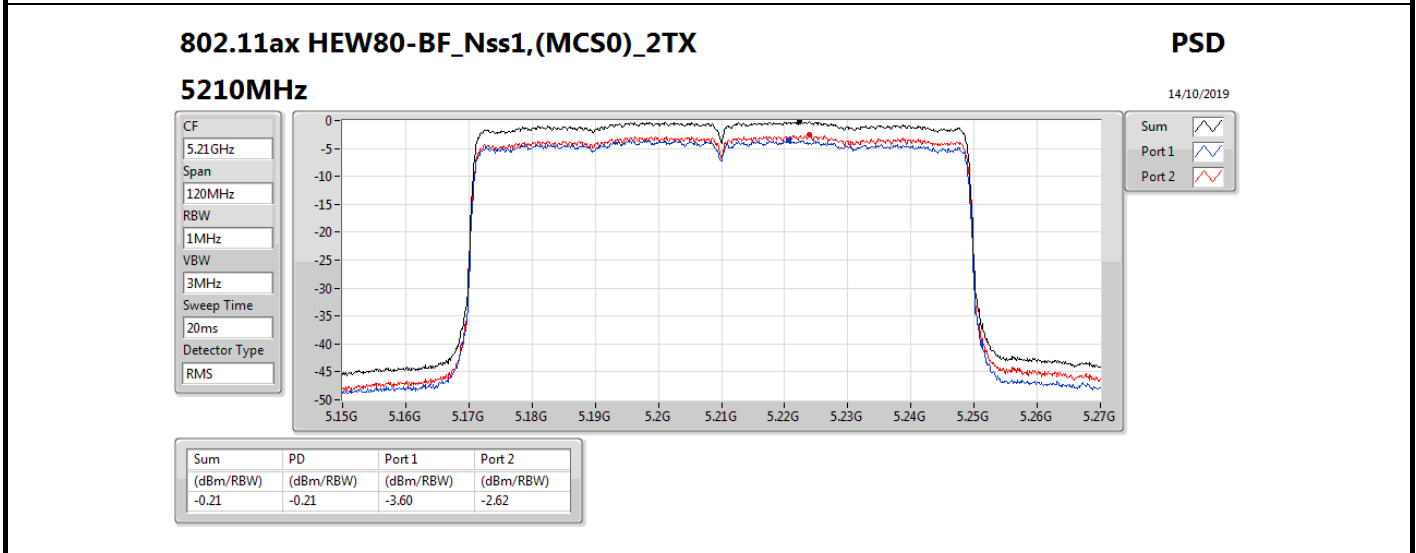
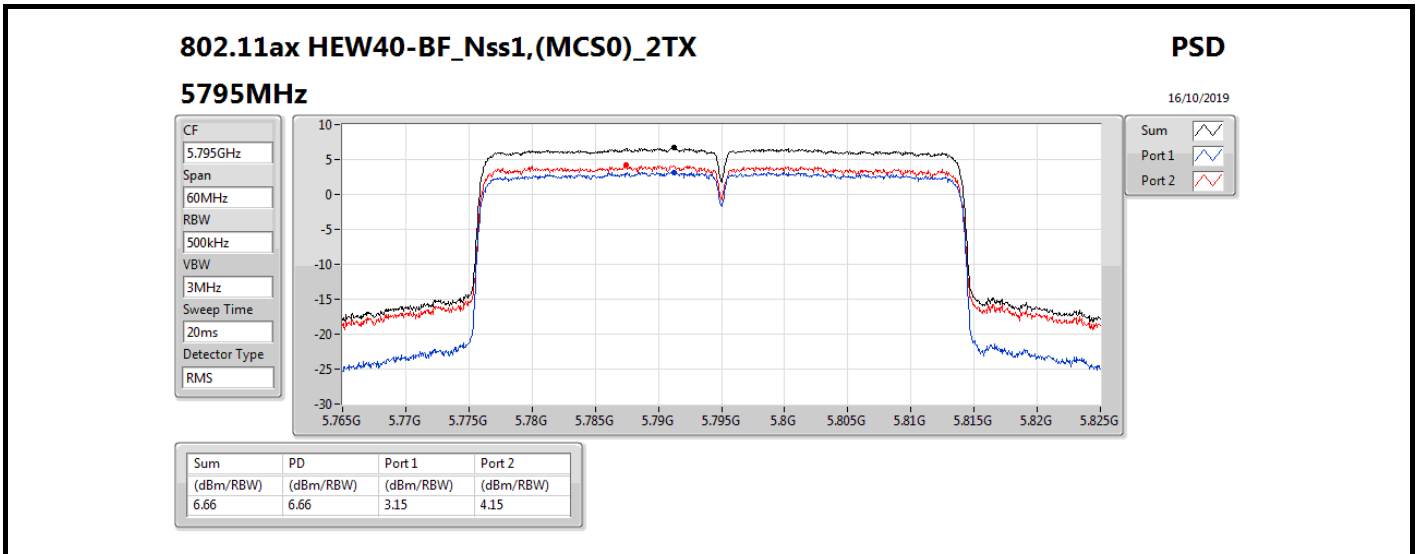














Summary

Mode	PD (dBm/RBW)
5.15-5.25GHz	-
802.11a_Nss1,(6Mbps)_1TX	10.41
802.11ac VHT20_Nss1,(MCS0)_1TX	9.46
802.11ac VHT40_Nss1,(MCS0)_1TX	5.21
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.01
802.11ax HEW20_Nss1,(MCS0)_1TX	9.40
802.11ax HEW40_Nss1,(MCS0)_1TX	5.34
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.86
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	9.81
802.11ac VHT20_Nss1,(MCS0)_1TX	9.73
802.11ac VHT40_Nss1,(MCS0)_1TX	5.12
802.11ac VHT80_Nss1,(MCS0)_1TX	-1.39
802.11ax HEW20_Nss1,(MCS0)_1TX	9.61
802.11ax HEW40_Nss1,(MCS0)_1TX	5.14
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.47

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)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5180MHz	Pass	10.70	6.73	6.73	12.30
5200MHz	Pass	10.70	10.41	10.41	12.30
5240MHz	Pass	10.70	10.35	10.35	12.30
5745MHz	Pass	10.70	6.81	6.81	25.30
5785MHz	Pass	10.70	9.50	9.50	25.30
5825MHz	Pass	10.70	9.81	9.81	25.30
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	10.70	5.41	5.41	12.30
5200MHz	Pass	10.70	9.10	9.10	12.30
5240MHz	Pass	10.70	9.46	9.46	12.30
5745MHz	Pass	10.70	6.48	6.48	25.30
5785MHz	Pass	10.70	9.73	9.73	25.30
5825MHz	Pass	10.70	9.26	9.26	25.30
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	10.70	0.58	0.58	12.30
5230MHz	Pass	10.70	5.21	5.21	12.30
5755MHz	Pass	10.70	4.48	4.48	25.30
5795MHz	Pass	10.70	5.12	5.12	25.30
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	10.70	-2.01	-2.01	12.30
5775MHz	Pass	10.70	-1.39	-1.39	25.30
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5180MHz	Pass	10.70	5.31	5.31	12.30
5200MHz	Pass	10.70	9.20	9.20	12.30
5240MHz	Pass	10.70	9.40	9.40	12.30
5745MHz	Pass	10.70	6.42	6.42	25.30
5785MHz	Pass	10.70	9.61	9.61	25.30
5825MHz	Pass	10.70	9.06	9.06	25.30
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5190MHz	Pass	10.70	0.81	0.81	12.30
5230MHz	Pass	10.70	5.34	5.34	12.30
5755MHz	Pass	10.70	4.40	4.40	25.30
5795MHz	Pass	10.70	5.14	5.14	25.30
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5210MHz	Pass	10.70	-1.86	-1.86	12.30
5775MHz	Pass	10.70	-1.47	-1.47	25.30

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;

