



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss1,(MCS0)_1TX	-8.49	2.21
802.11ax HEW160_Nss1,(MCS0)_1TX	-8.23	2.47
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	5.47	16.17
802.11ac VHT20_Nss1,(MCS0)_1TX	5.07	15.77
802.11ac VHT40_Nss1,(MCS0)_1TX	1.87	12.57
802.11ac VHT80_Nss1,(MCS0)_1TX	-2.27	8.43
802.11ac VHT160_Nss1,(MCS0)_1TX	-8.61	2.09
802.11ax HEW20_Nss1,(MCS0)_1TX	5.07	15.77
802.11ax HEW40_Nss1,(MCS0)_1TX	1.95	12.65
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.97	8.73
802.11ax HEW160_Nss1,(MCS0)_1TX	-8.53	2.17
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	5.47	16.17
802.11ac VHT20_Nss1,(MCS0)_1TX	5.32	16.02
802.11ac VHT40_Nss1,(MCS0)_1TX	2.48	13.18
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.47	10.23
802.11ac VHT160_Nss1,(MCS0)_1TX	-8.34	2.36
802.11ax HEW20_Nss1,(MCS0)_1TX	5.20	15.90
802.11ax HEW40_Nss1,(MCS0)_1TX	2.52	13.22
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.53	10.17
802.11ax HEW160_Nss1,(MCS0)_1TX	-8.06	2.64
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	3.64	14.34
802.11ac VHT20_Nss1,(MCS0)_1TX	3.50	14.20
802.11ac VHT40_Nss1,(MCS0)_1TX	0.32	11.02
802.11ac VHT80_Nss1,(MCS0)_1TX	-3.37	7.33
802.11ax HEW20_Nss1,(MCS0)_1TX	3.41	14.11
802.11ax HEW40_Nss1,(MCS0)_1TX	0.55	11.25
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.10	7.60

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



Result

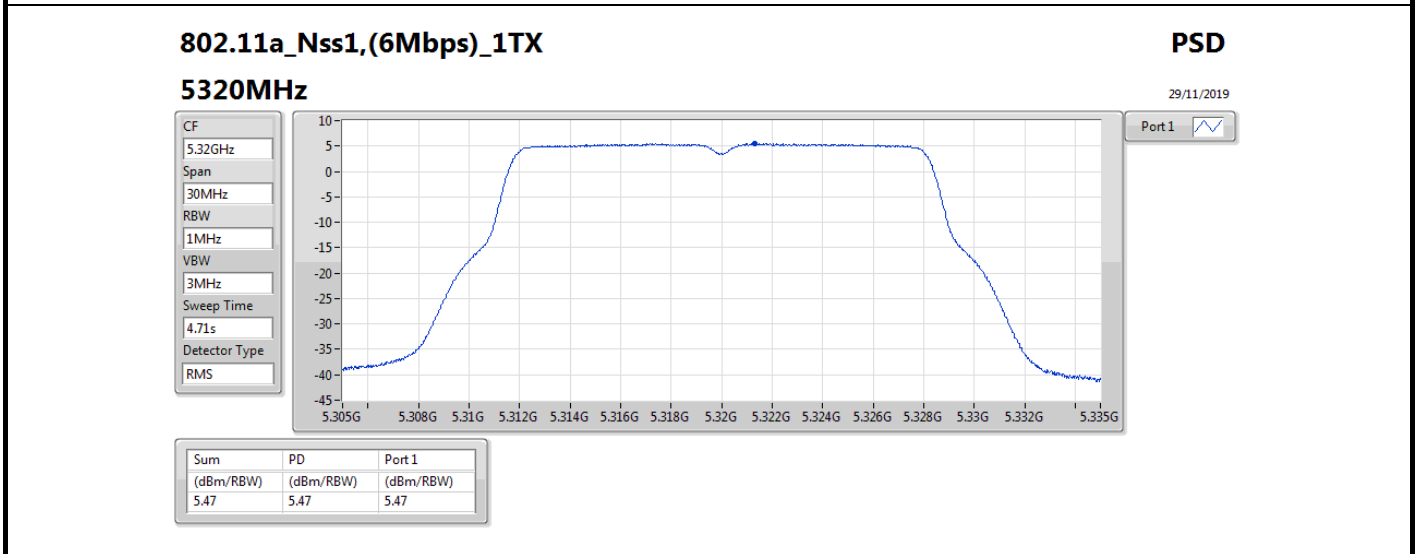
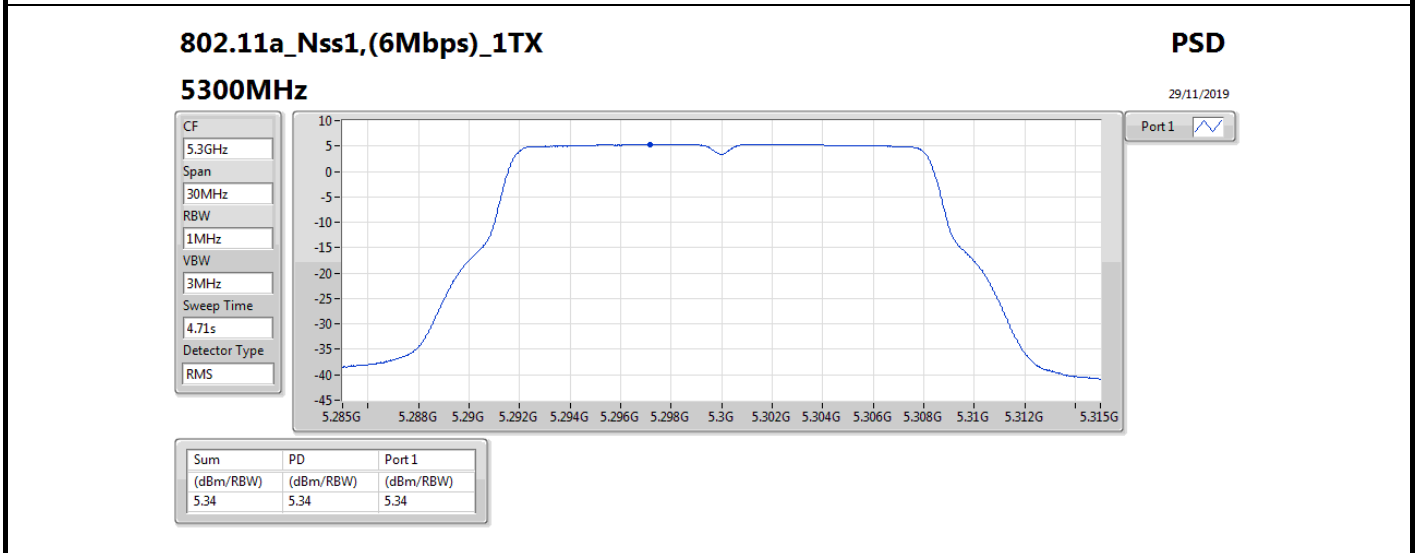
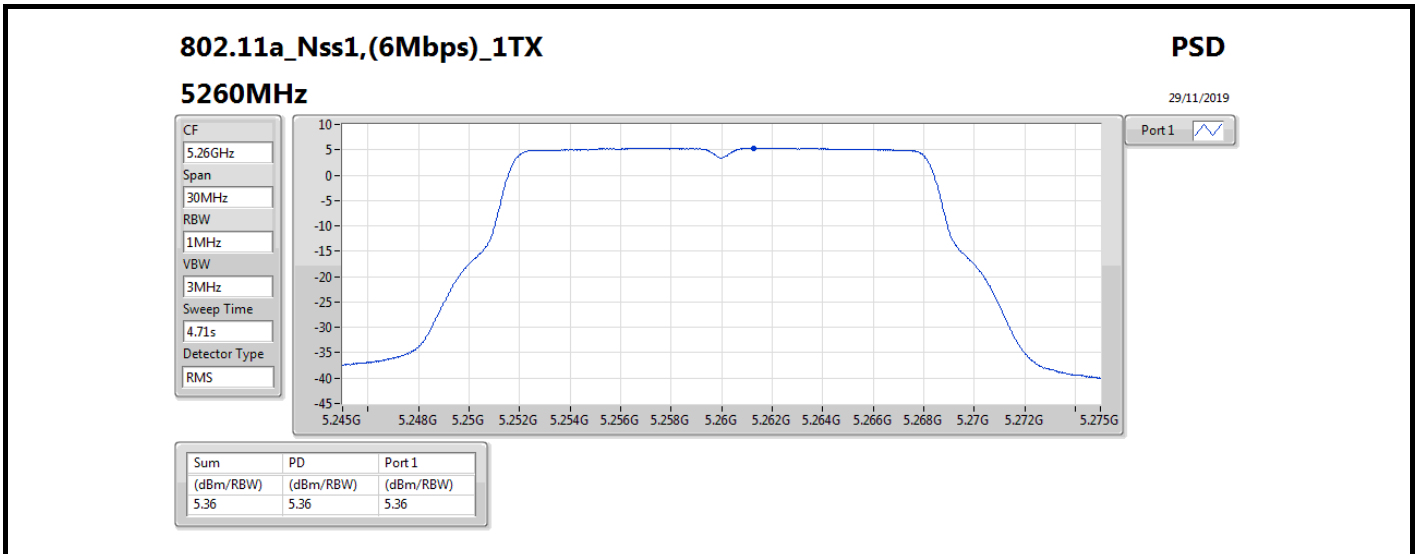
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	5.36	5.36	6.30	16.06	17.00
5300MHz	Pass	10.70	5.34	5.34	6.30	16.04	17.00
5320MHz	Pass	10.70	5.47	5.47	6.30	16.17	17.00
5500MHz	Pass	10.70	3.06	3.06	6.30	13.76	17.00
5580MHz	Pass	10.70	5.38	5.38	6.30	16.08	17.00
5700MHz	Pass	10.70	2.97	2.97	6.30	13.67	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	5.47	5.47	6.30	16.17	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	3.64	3.64	25.30	14.34	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	5.07	5.07	6.30	15.77	17.00
5300MHz	Pass	10.70	5.04	5.04	6.30	15.74	17.00
5320MHz	Pass	10.70	4.94	4.94	6.30	15.64	17.00
5500MHz	Pass	10.70	2.91	2.91	6.30	13.61	17.00
5580MHz	Pass	10.70	4.73	4.73	6.30	15.43	17.00
5700MHz	Pass	10.70	-0.33	-0.33	6.30	10.37	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	5.32	5.32	6.30	16.02	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	3.50	3.50	25.30	14.20	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	1.87	1.87	6.30	12.57	17.00
5310MHz	Pass	10.70	0.41	0.41	6.30	11.11	17.00
5510MHz	Pass	10.70	-1.45	-1.45	6.30	9.25	17.00
5550MHz	Pass	10.70	1.99	1.99	6.30	12.69	17.00
5670MHz	Pass	10.70	1.34	1.34	6.30	12.04	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	2.48	2.48	6.30	13.18	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	0.32	0.32	25.30	11.02	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	-2.27	-2.27	6.30	8.43	17.00
5530MHz	Pass	10.70	-2.95	-2.95	6.30	7.75	17.00
5610MHz	Pass	10.70	-0.69	-0.69	6.30	10.01	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-0.47	-0.47	6.30	10.23	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-3.37	-3.37	25.30	7.33	36.00
802.11ac VHT160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	-8.49	-8.49	12.30	2.21	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	-8.61	-8.61	6.30	2.09	17.00
5570MHz	Pass	10.70	-8.34	-8.34	6.30	2.36	17.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	10.70	5.07	5.07	6.30	15.77	17.00
5300MHz	Pass	10.70	5.00	5.00	6.30	15.70	17.00
5320MHz	Pass	10.70	4.94	4.94	6.30	15.64	17.00
5500MHz	Pass	10.70	2.88	2.88	6.30	13.58	17.00
5580MHz	Pass	10.70	4.58	4.58	6.30	15.28	17.00
5700MHz	Pass	10.70	-0.36	-0.36	6.30	10.34	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	5.20	5.20	6.30	15.90	17.00

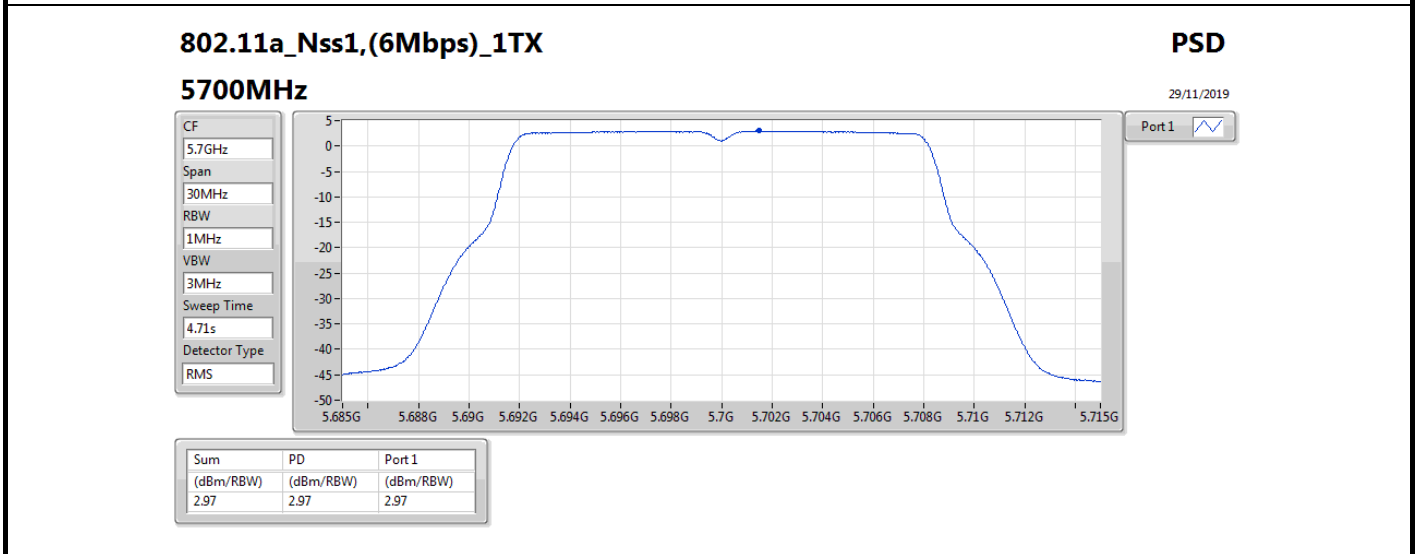
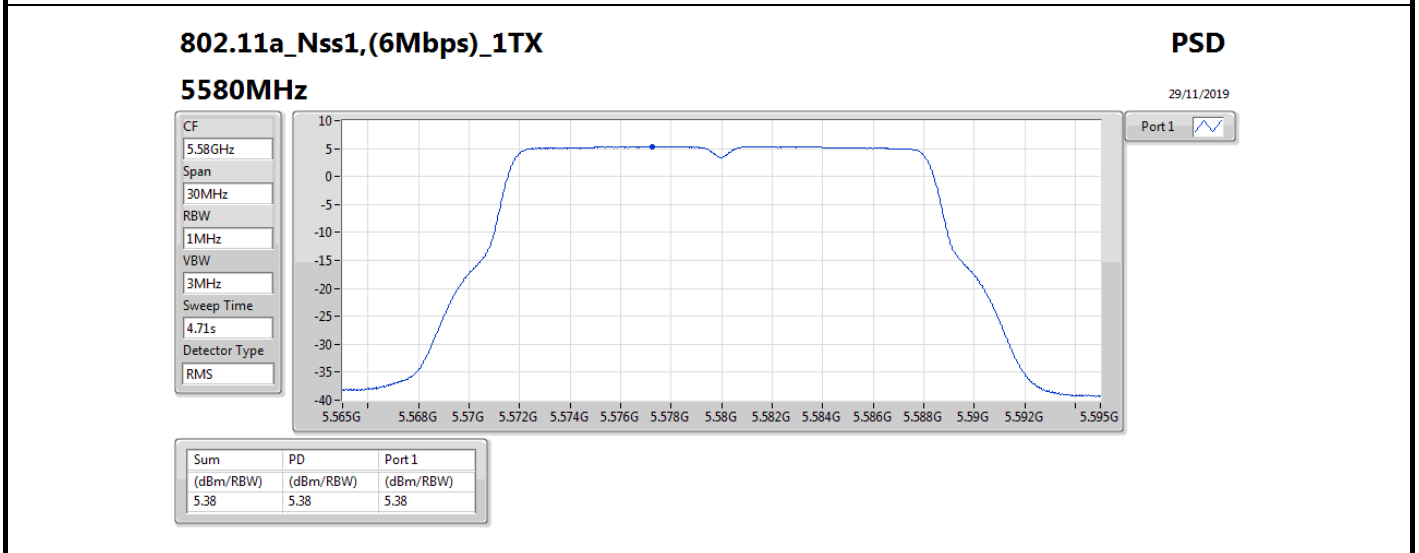
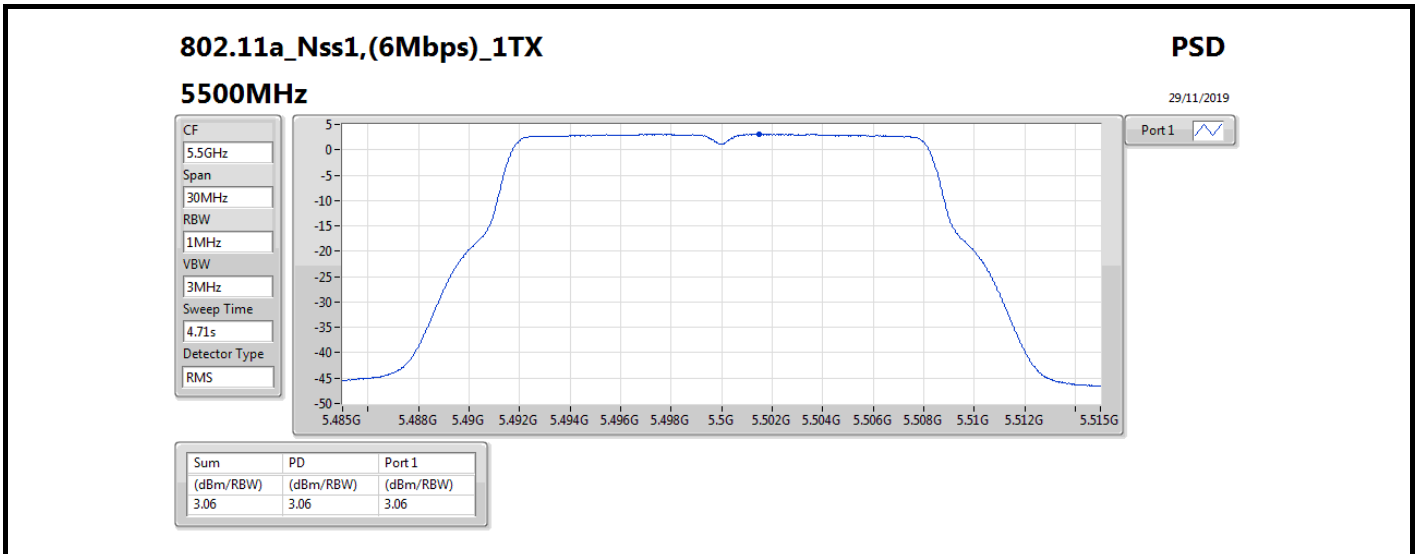


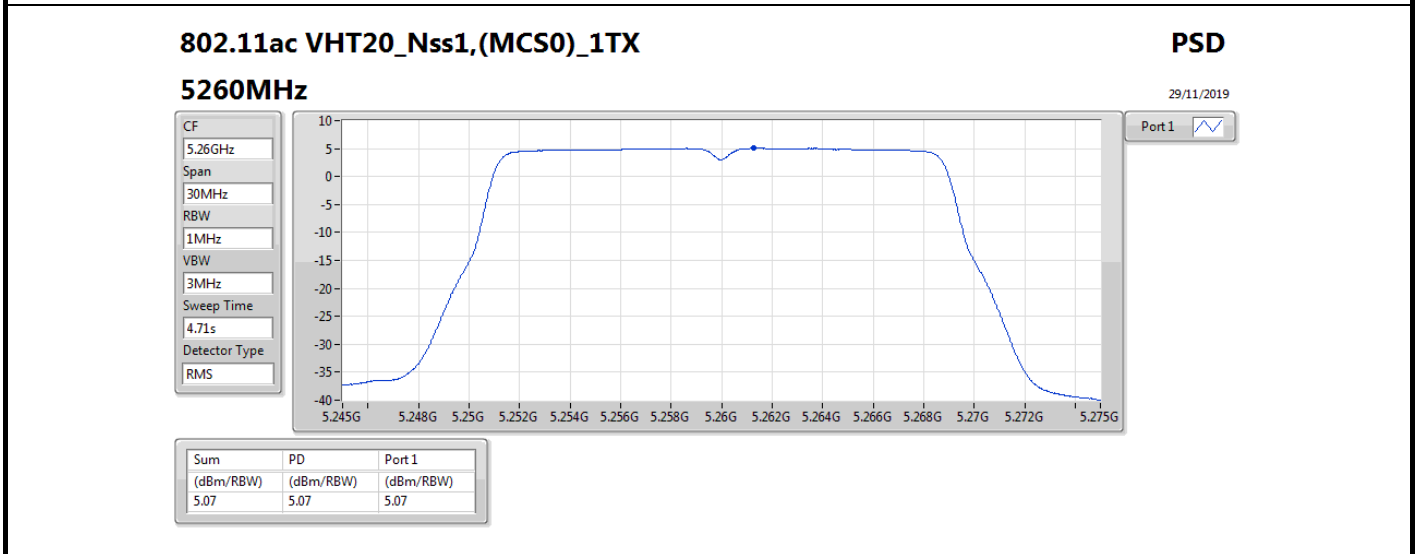
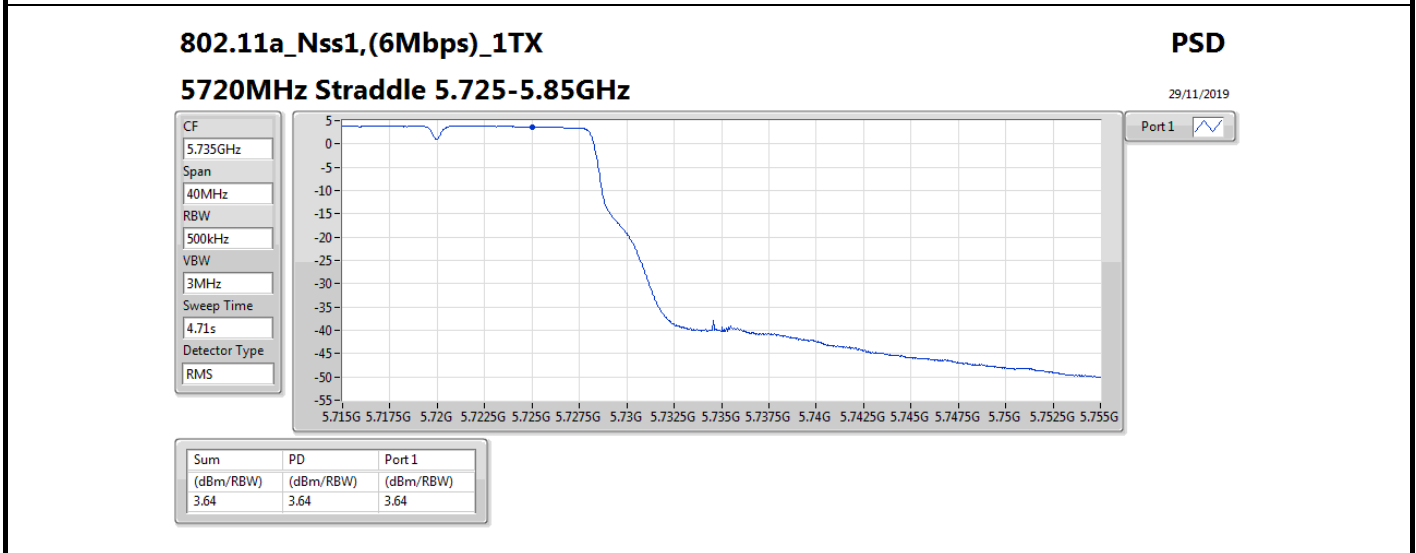
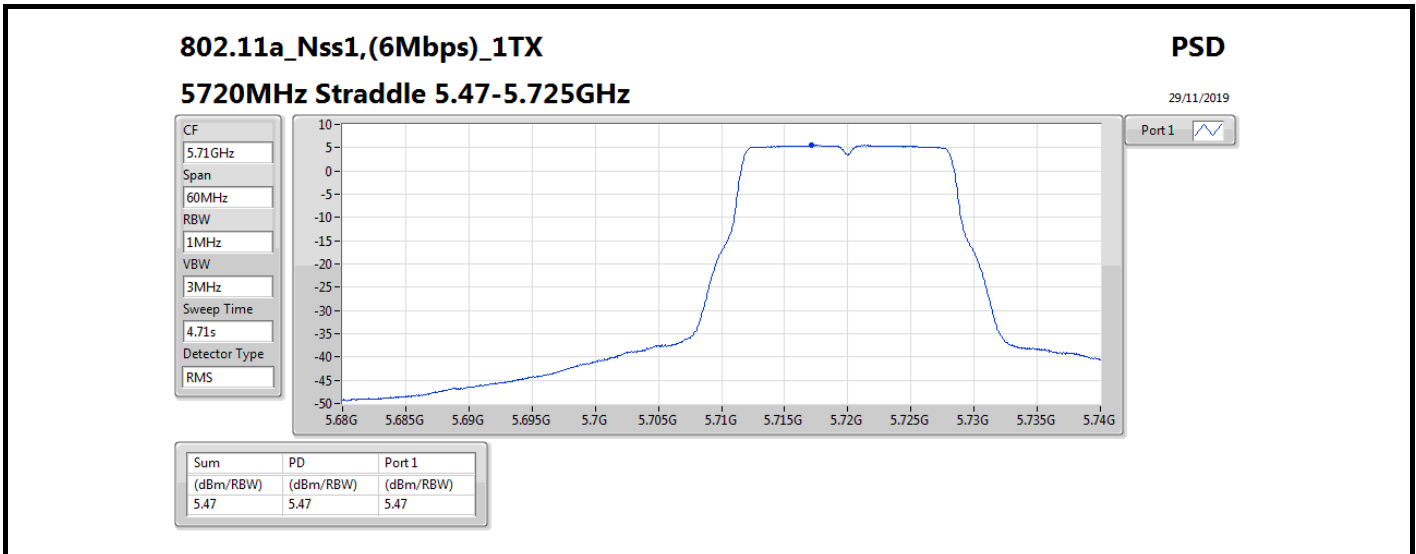
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	3.41	3.41	25.30	14.11	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	10.70	1.95	1.95	6.30	12.65	17.00
5310MHz	Pass	10.70	0.47	0.47	6.30	11.17	17.00
5510MHz	Pass	10.70	-1.36	-1.36	6.30	9.34	17.00
5550MHz	Pass	10.70	1.99	1.99	6.30	12.69	17.00
5670MHz	Pass	10.70	1.41	1.41	6.30	12.11	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	2.52	2.52	6.30	13.22	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	0.55	0.55	25.30	11.25	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	10.70	-1.97	-1.97	6.30	8.73	17.00
5530MHz	Pass	10.70	-2.89	-2.89	6.30	7.81	17.00
5610MHz	Pass	10.70	-0.62	-0.62	6.30	10.08	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-0.53	-0.53	6.30	10.17	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-3.10	-3.10	25.30	7.60	36.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	-8.23	-8.23	12.30	2.47	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	-8.53	-8.53	6.30	2.17	17.00
5570MHz	Pass	10.70	-8.06	-8.06	6.30	2.64	17.00

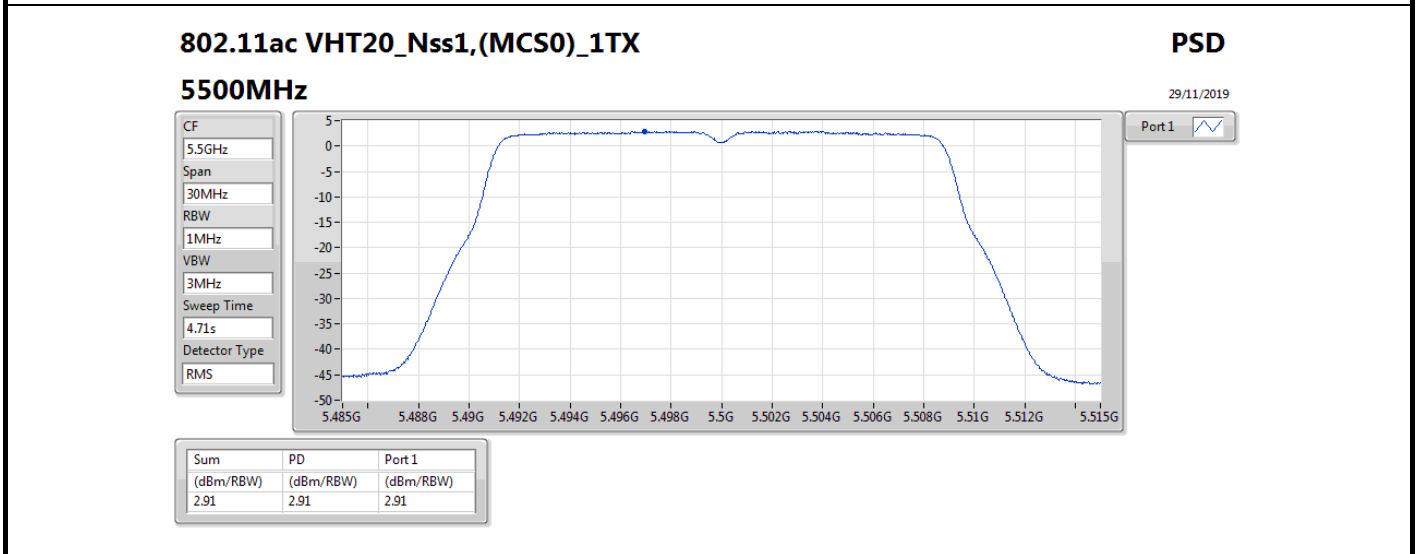
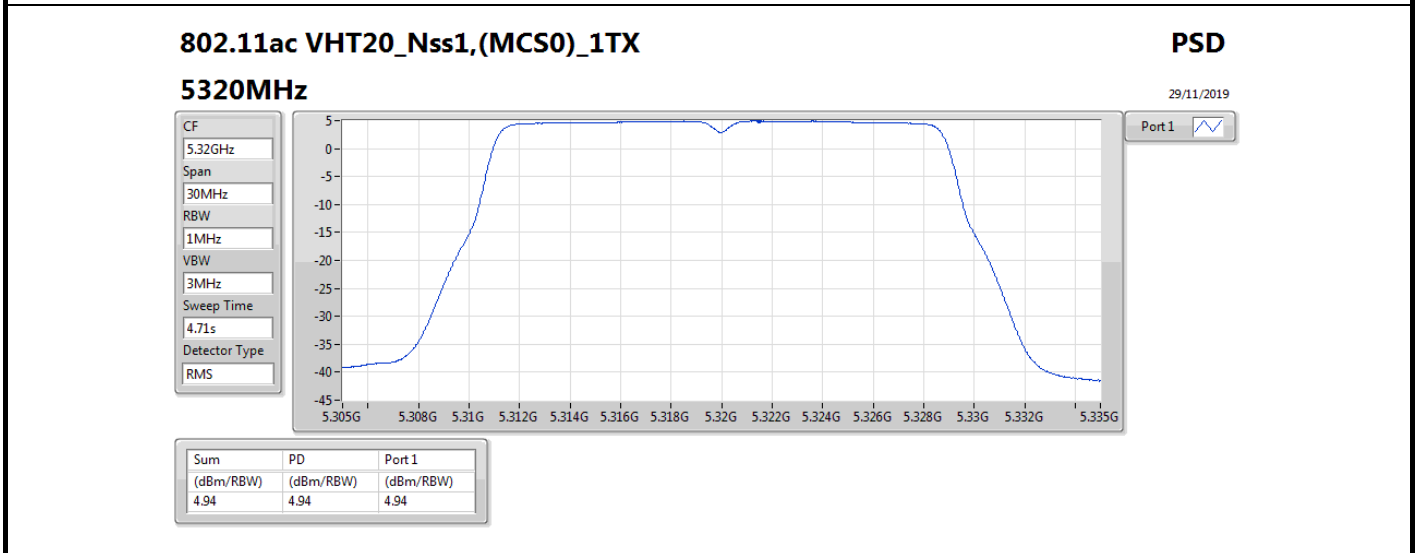
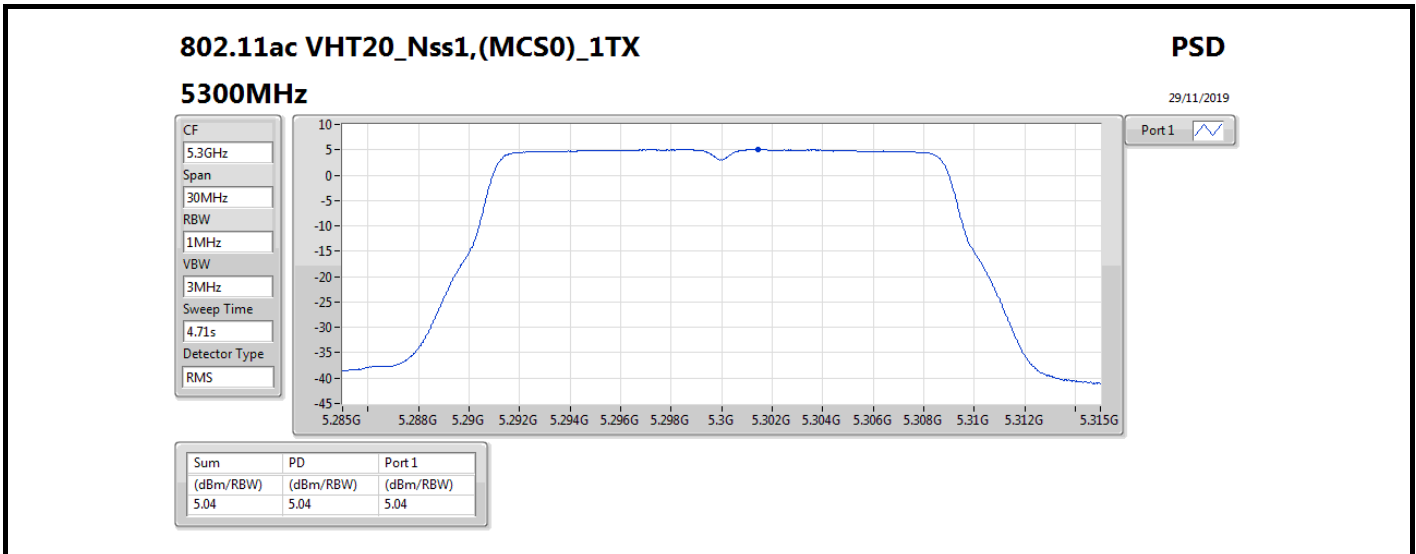
DG = Directional Gain; RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

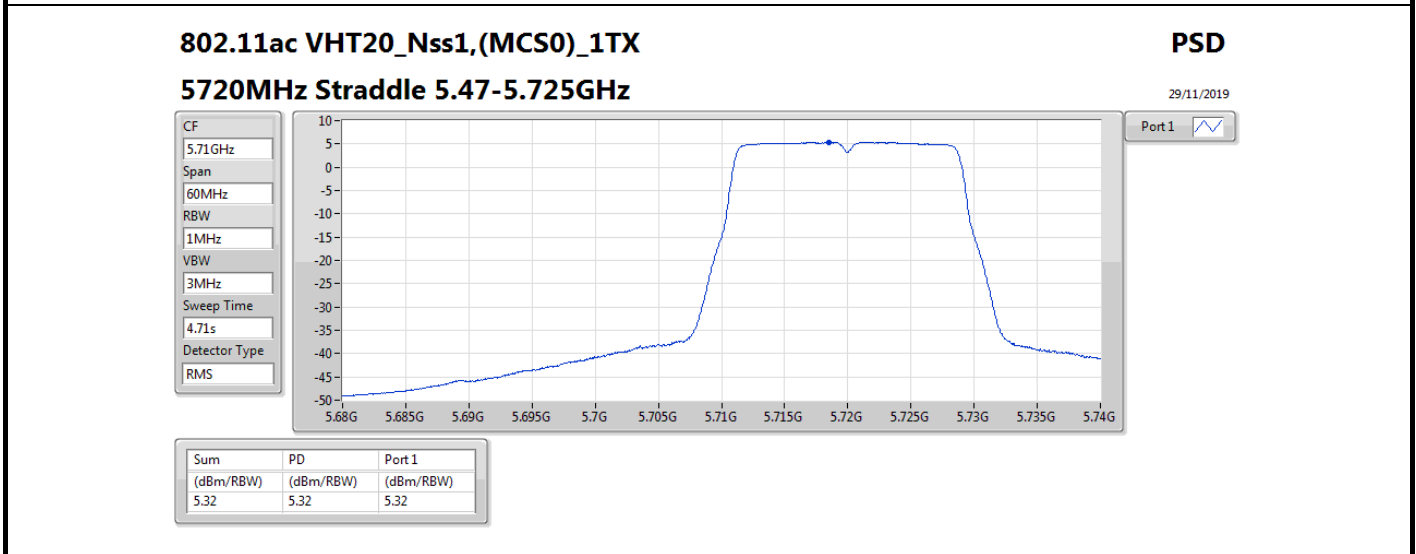
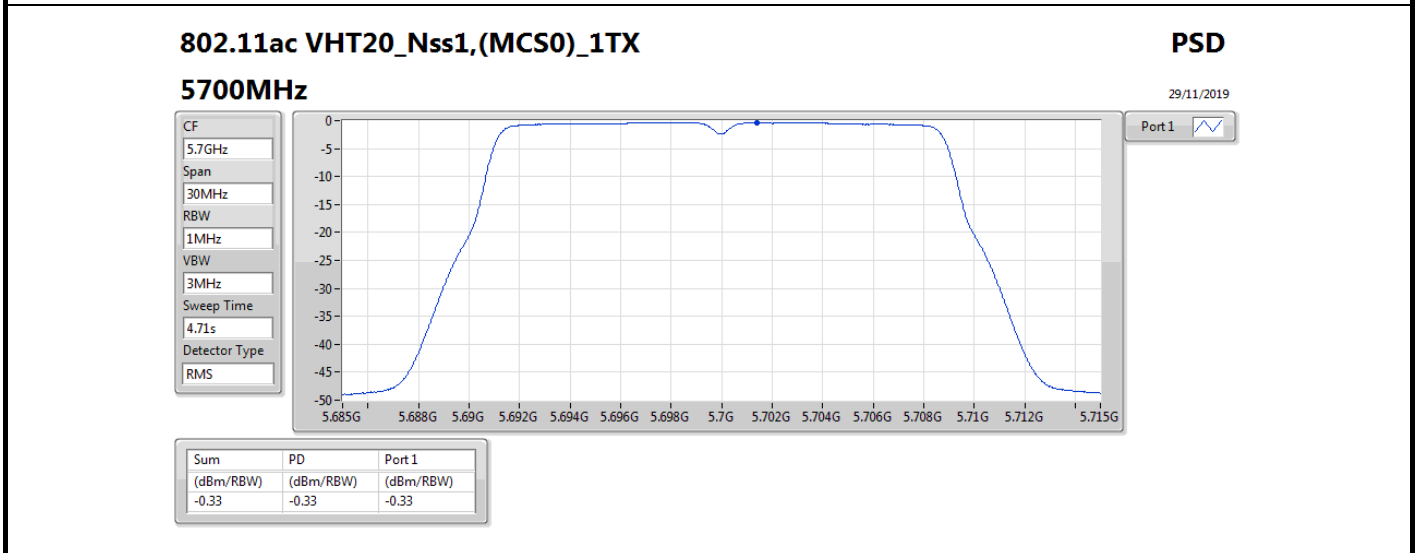
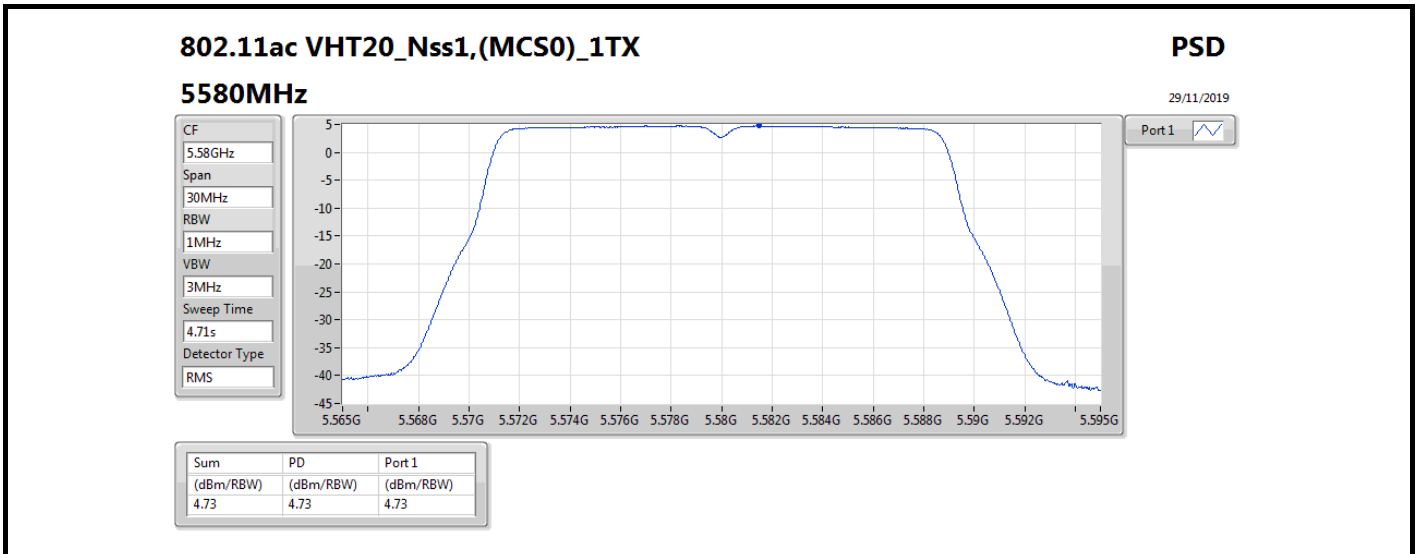
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

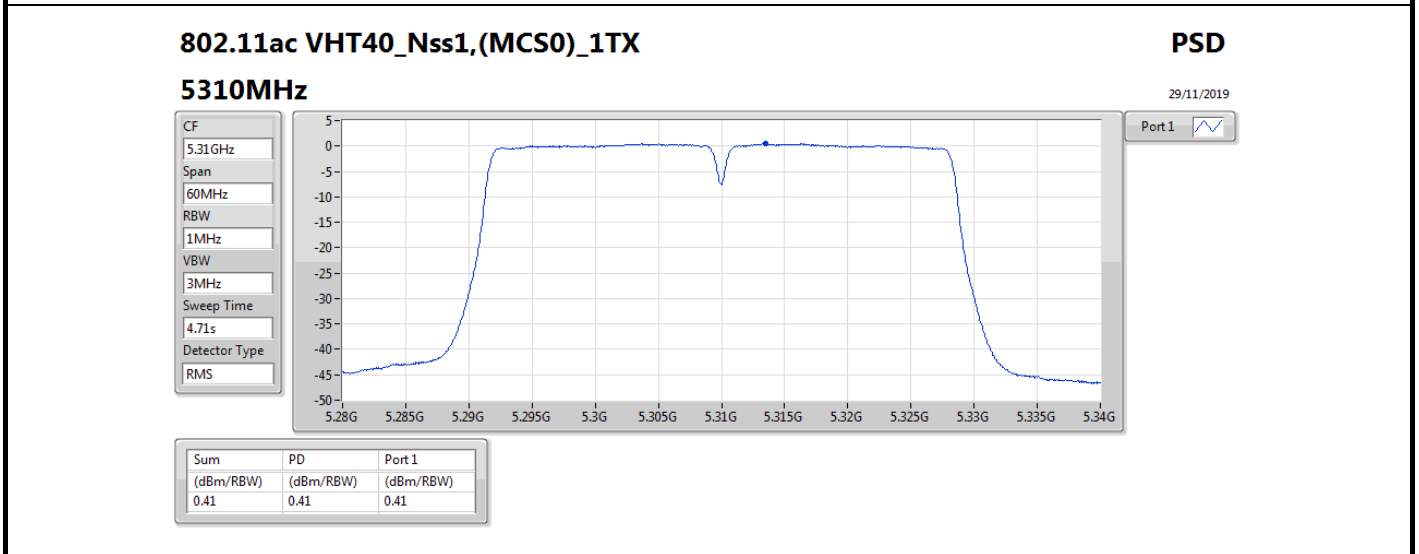
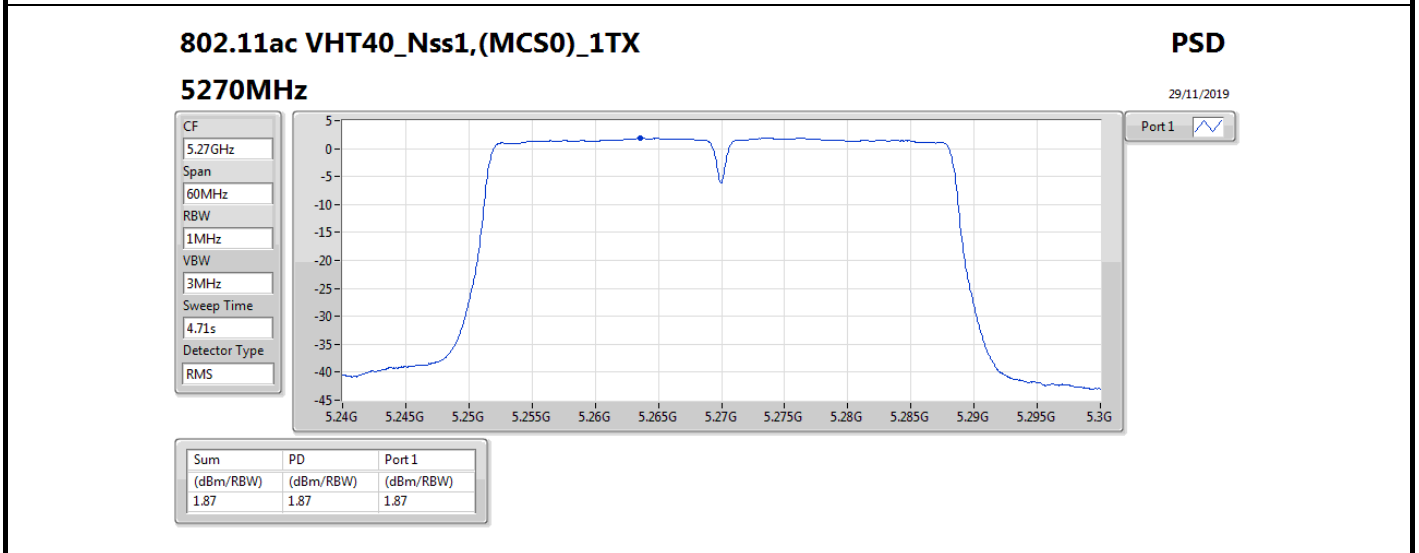
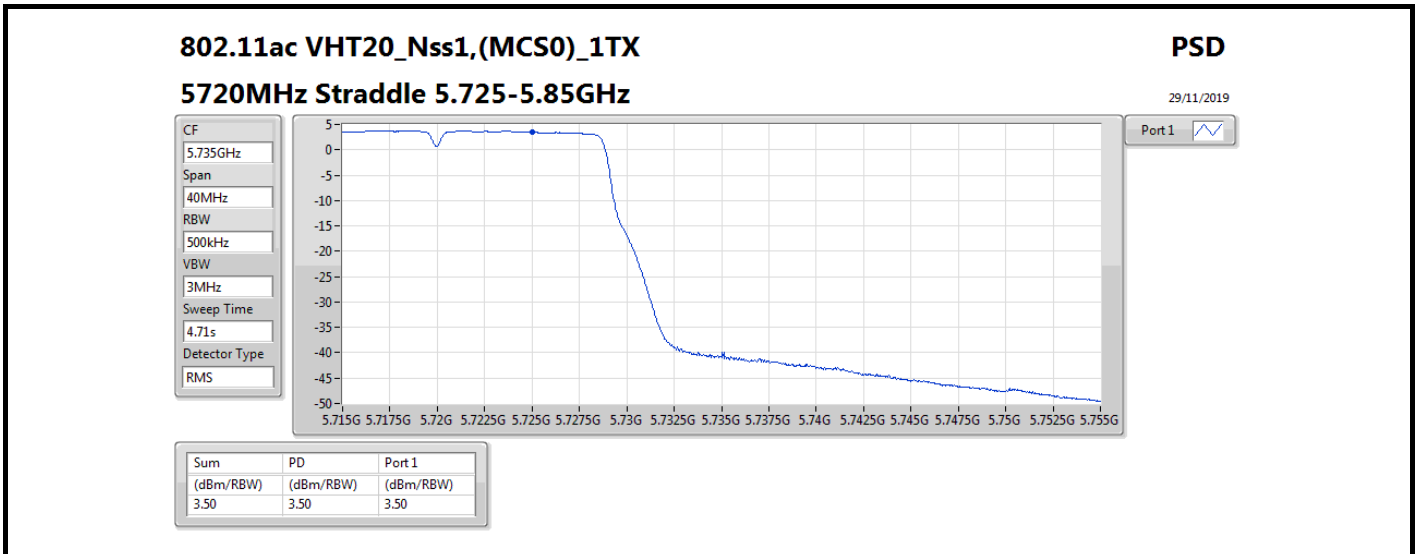


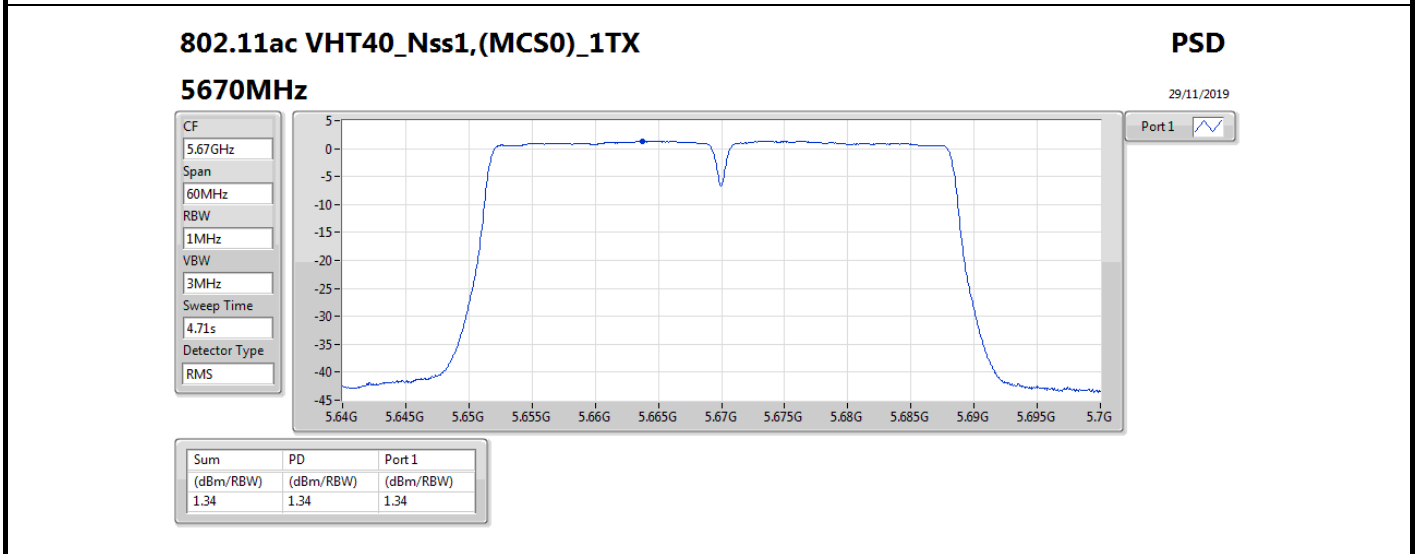
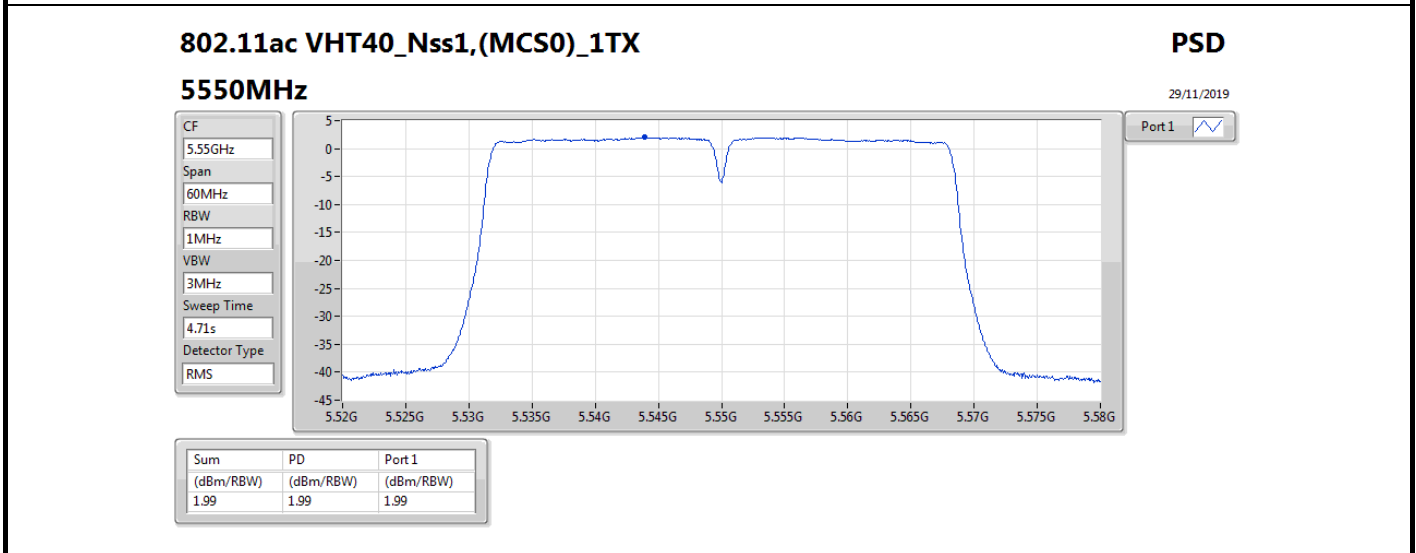
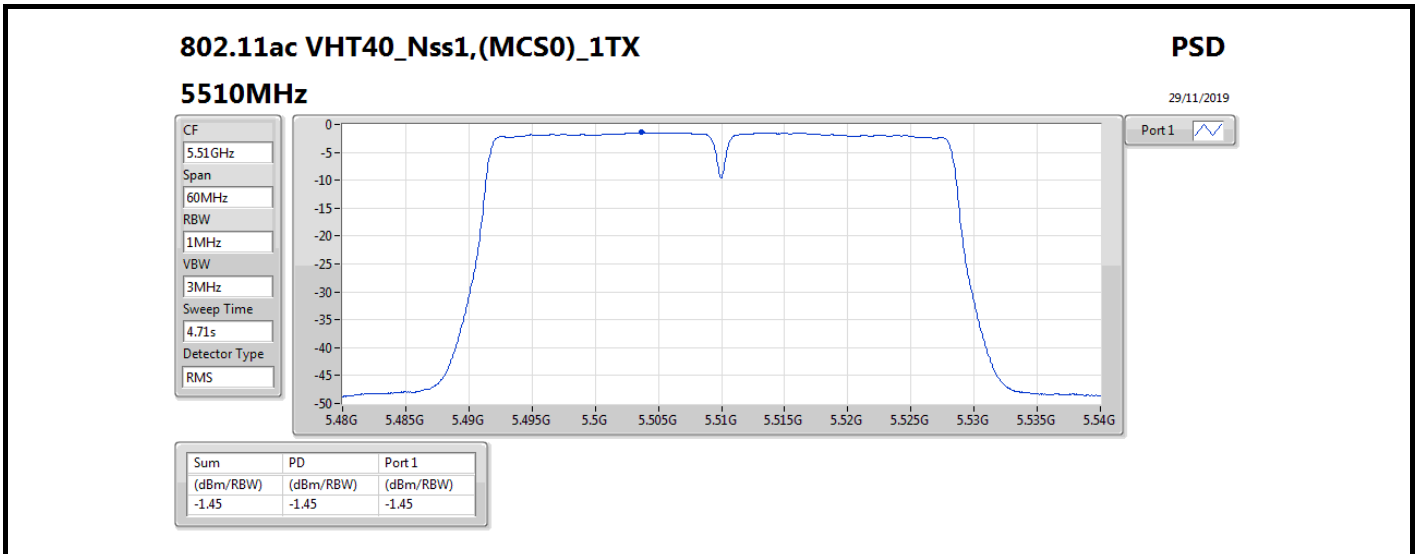


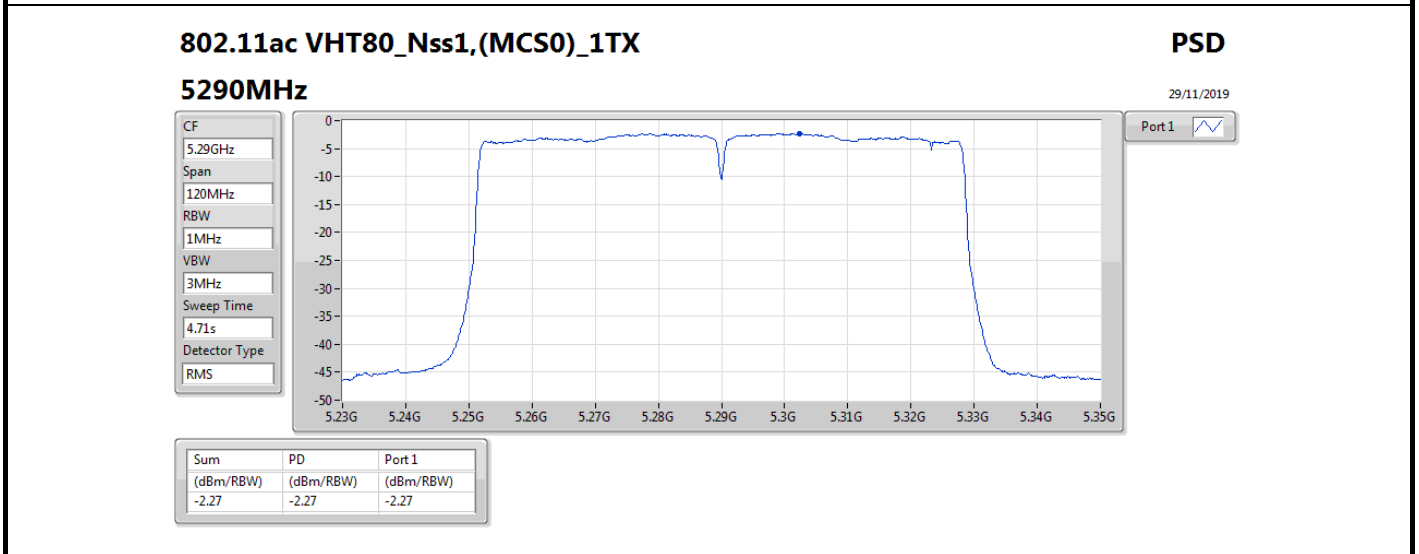
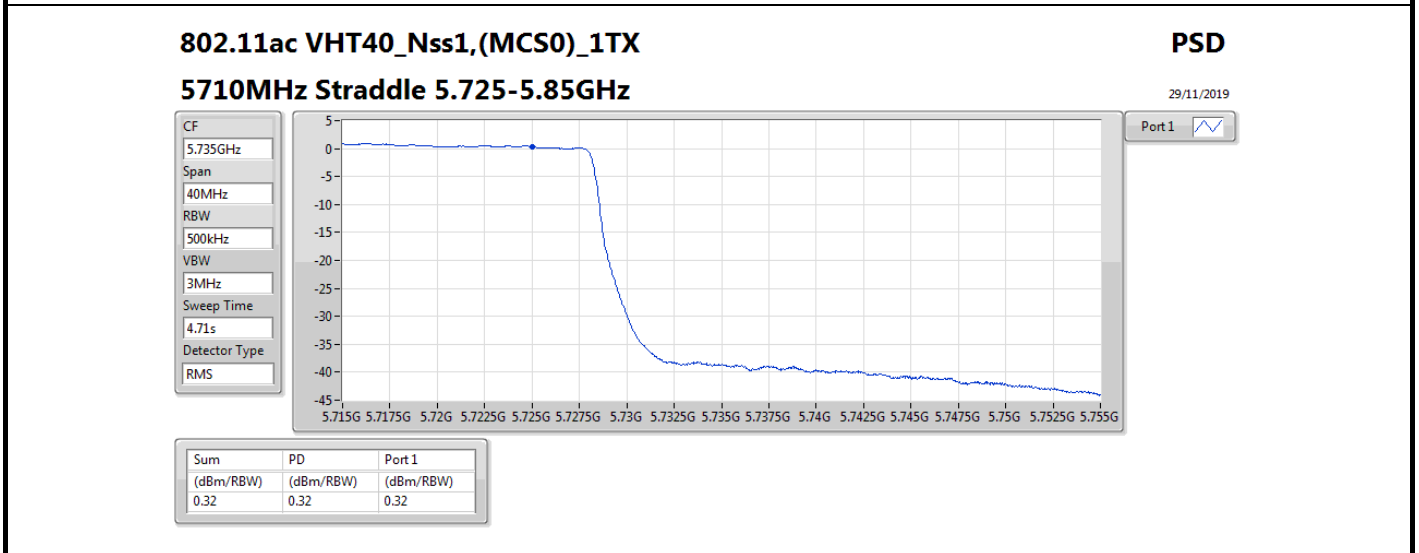
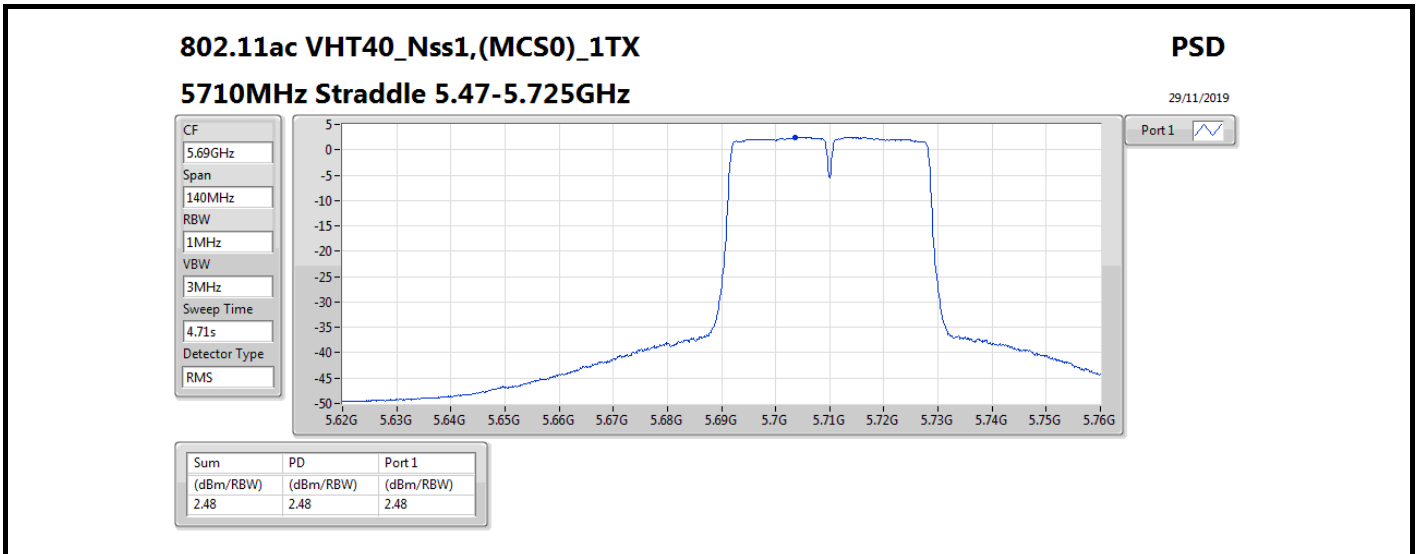


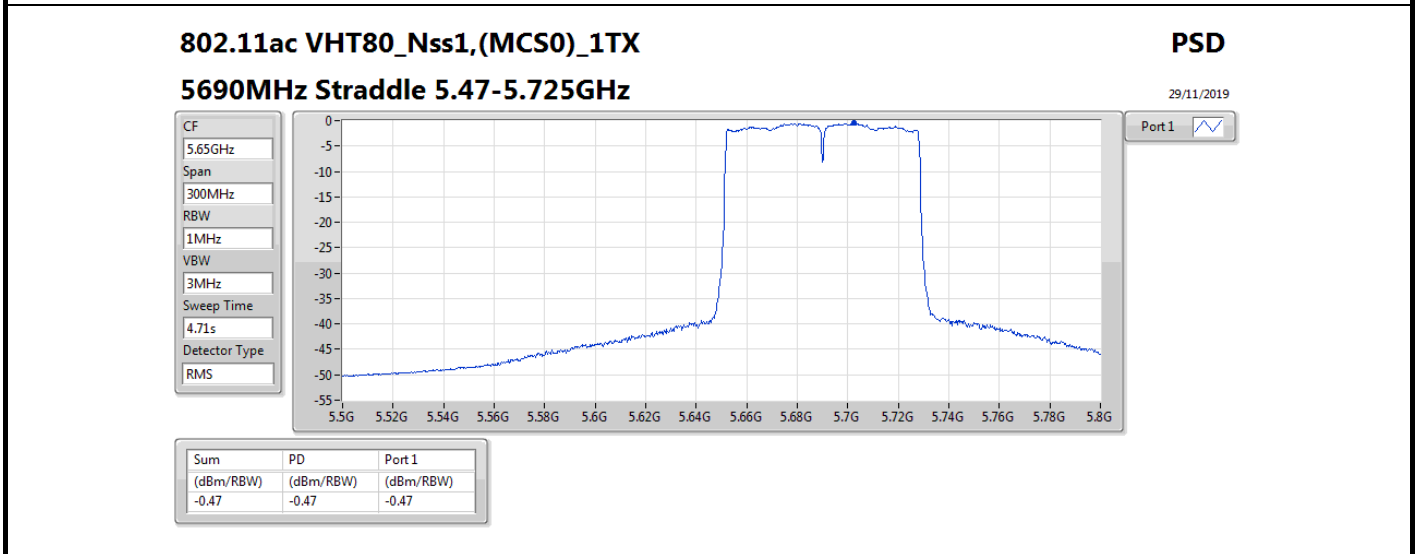
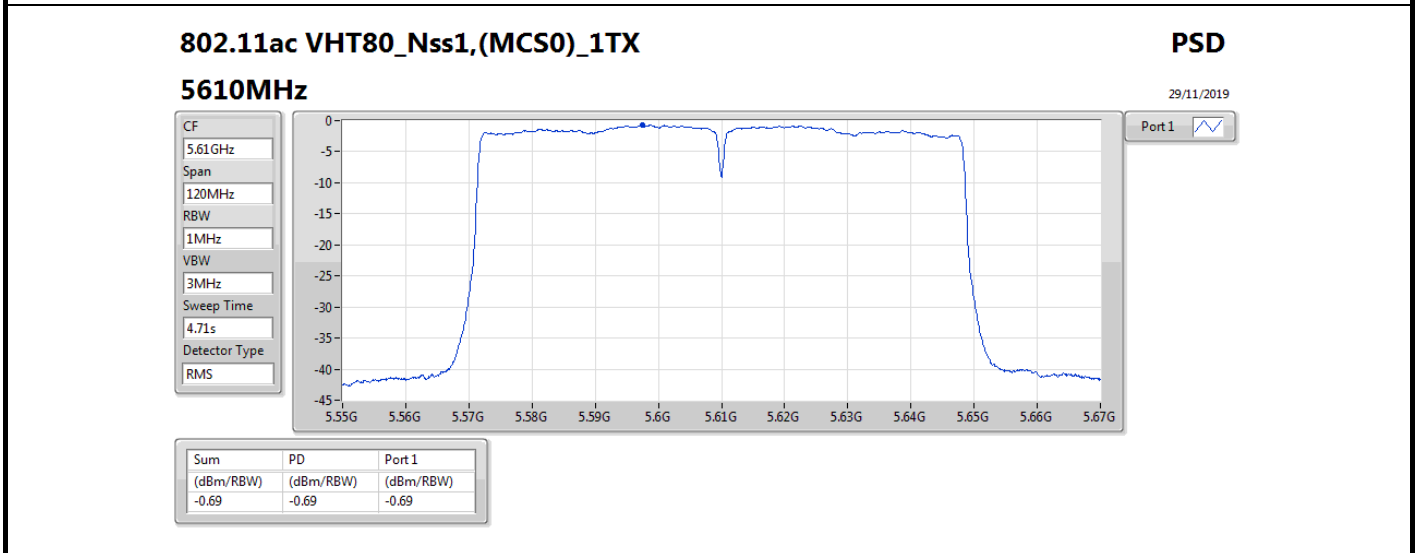
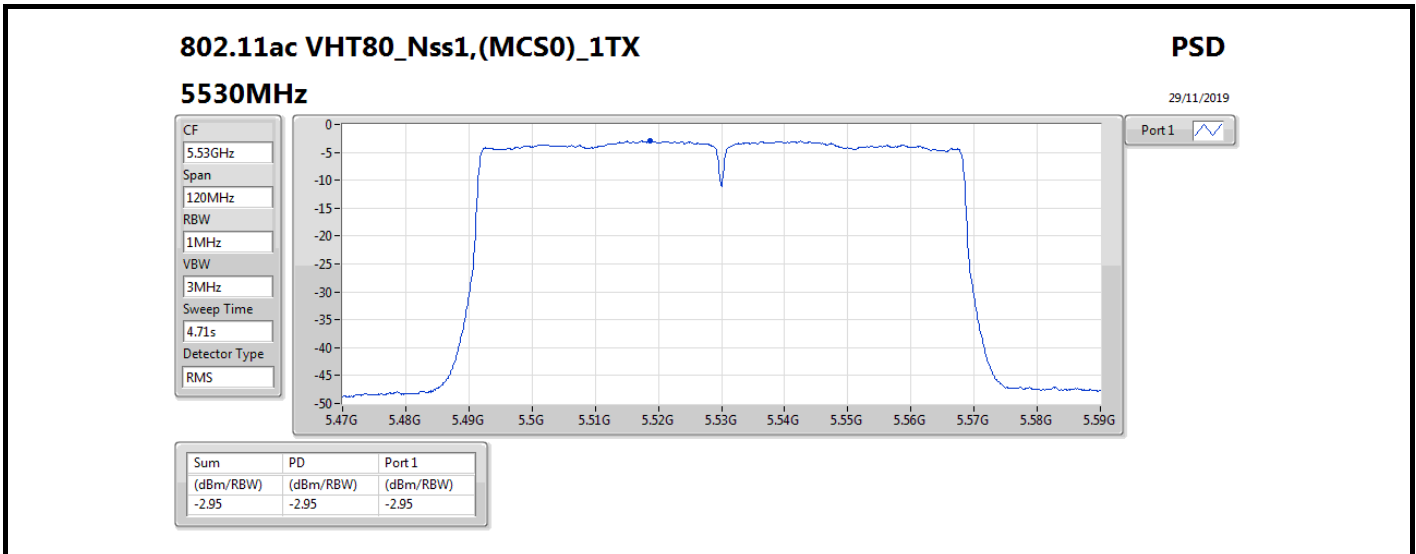


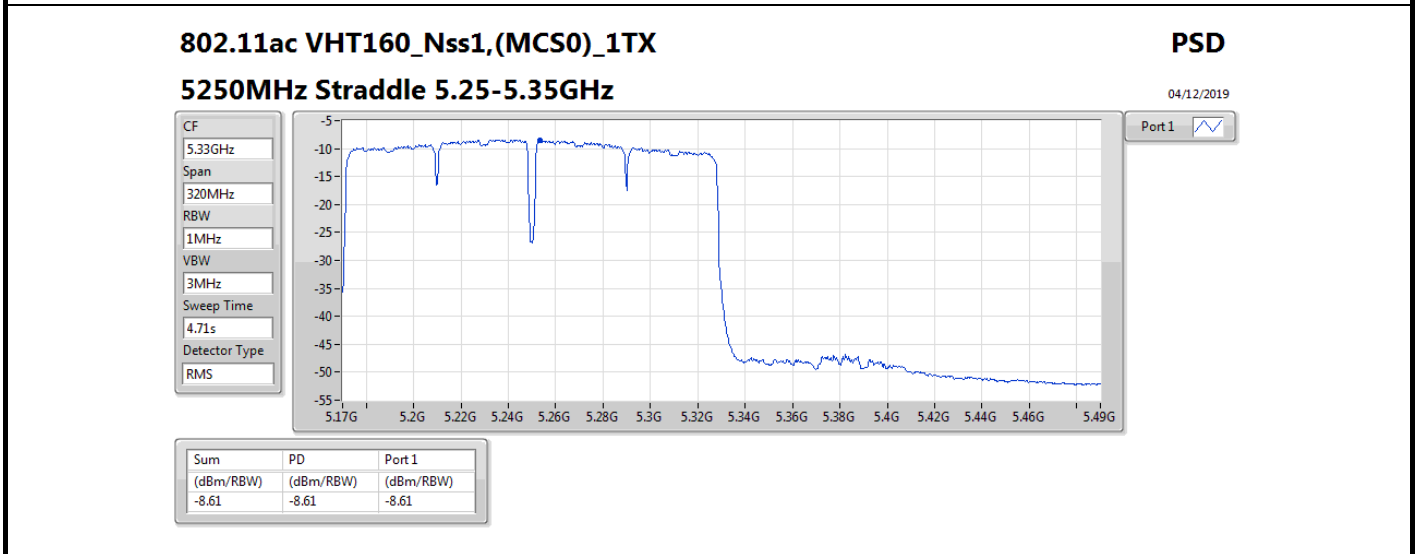
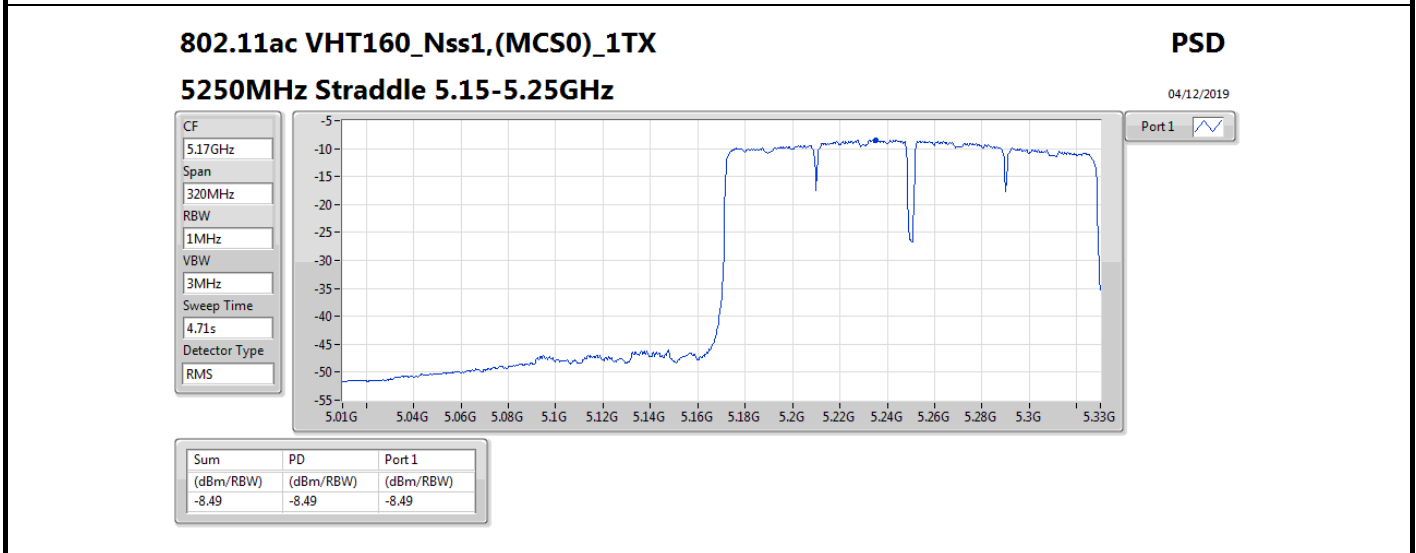
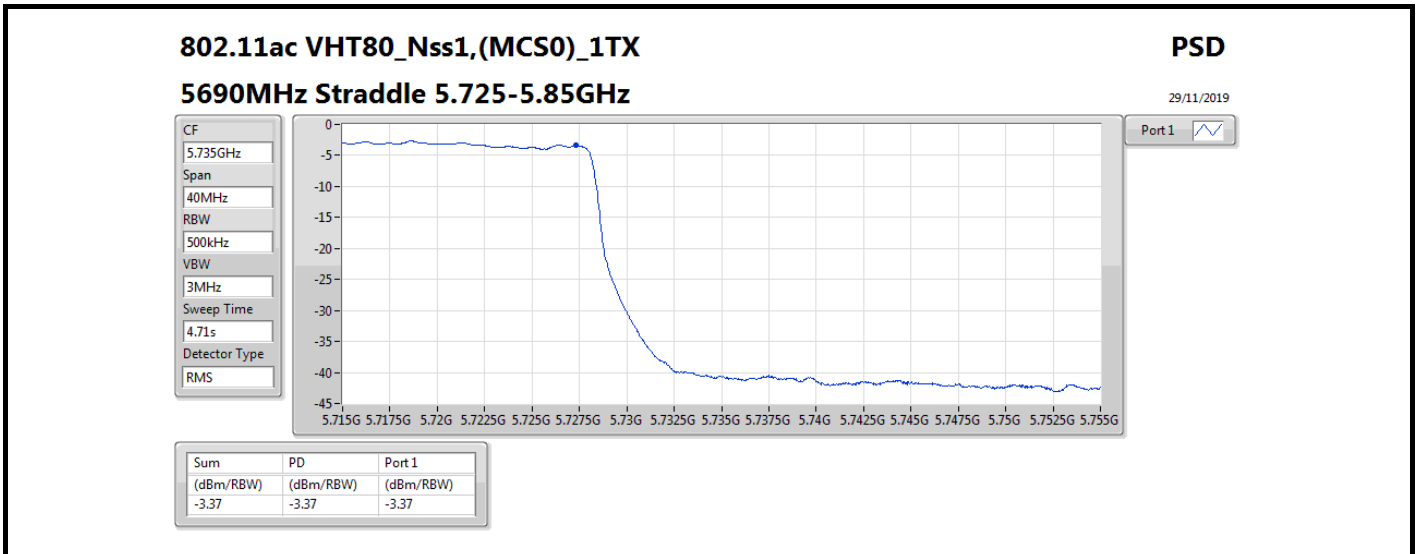










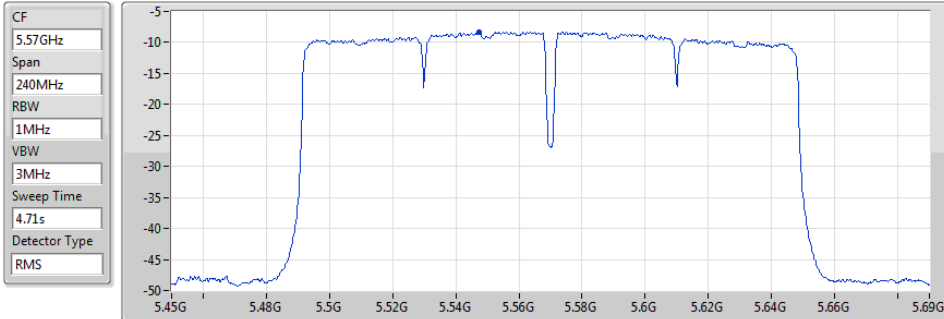


802.11ac VHT160_Nss1,(MCS0)_1TX

PSD

5570MHz

29/11/2019



Port 1

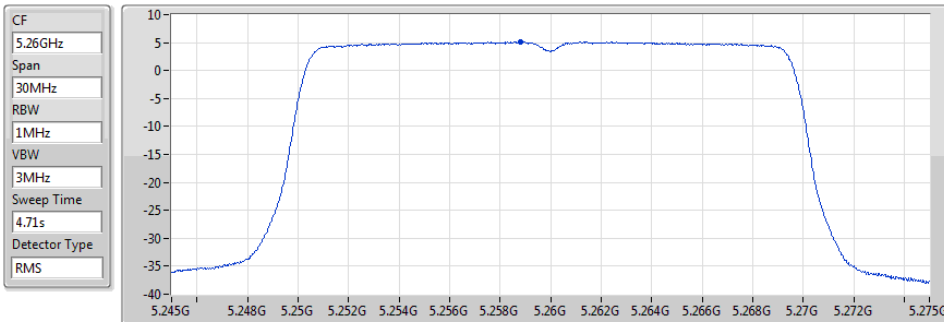
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.34	-8.34	-8.34

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

29/11/2019



Port 1

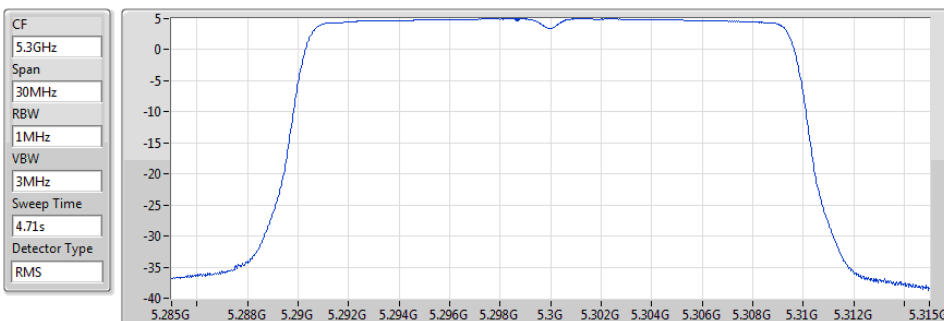
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.07	5.07	5.07

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

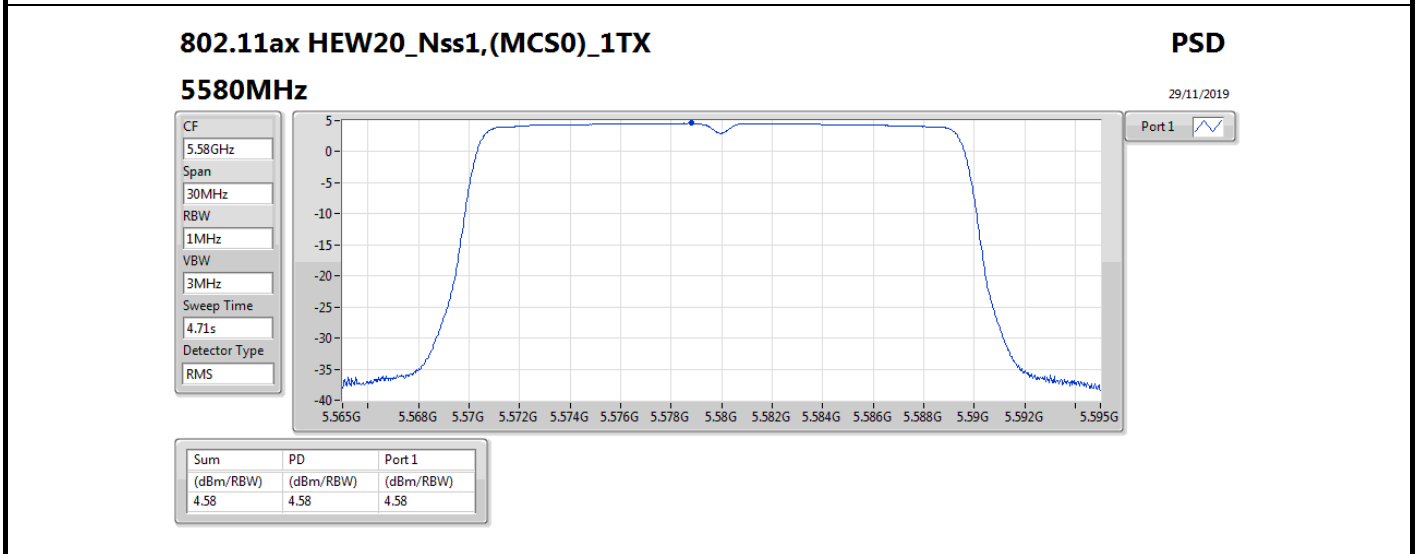
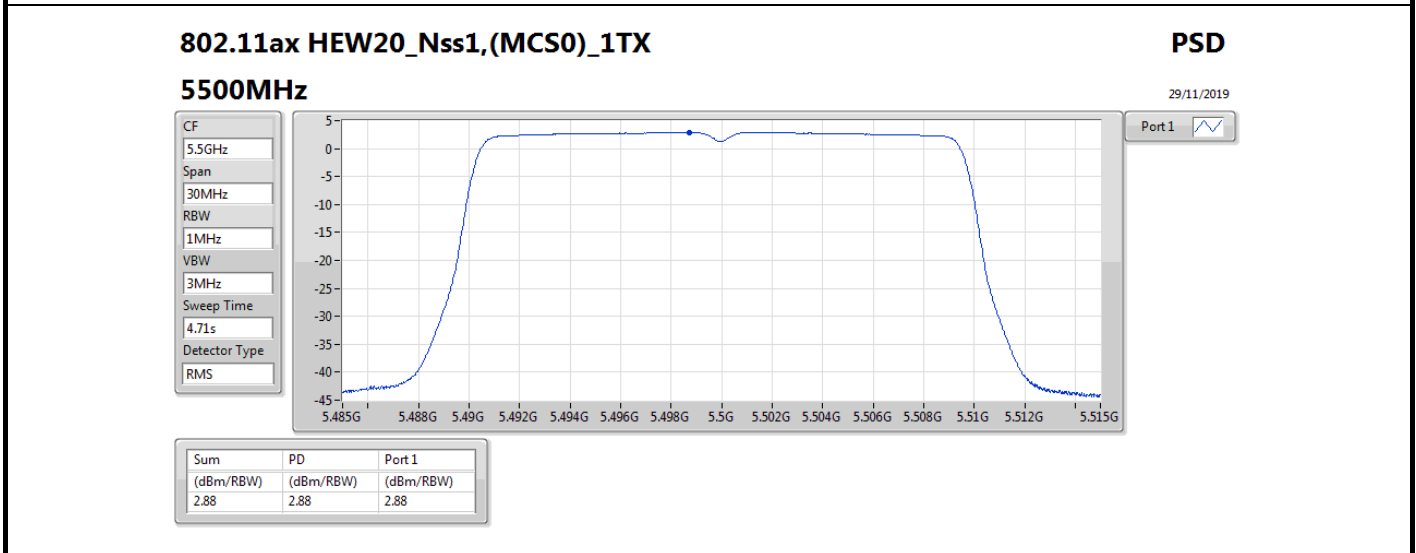
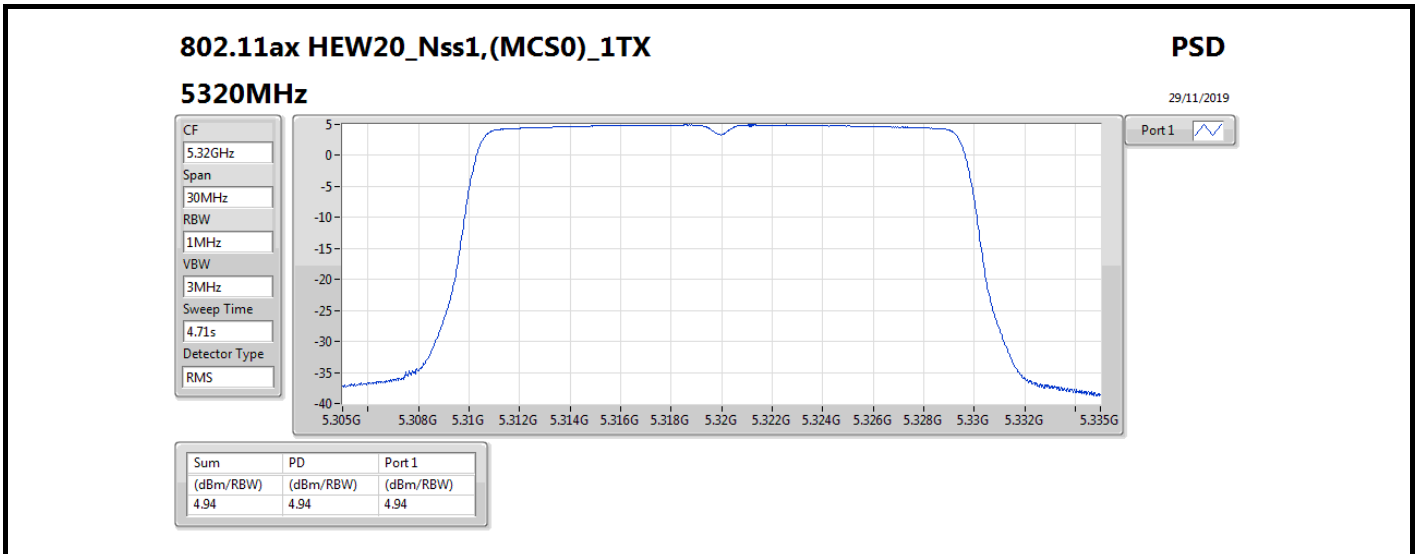
5300MHz

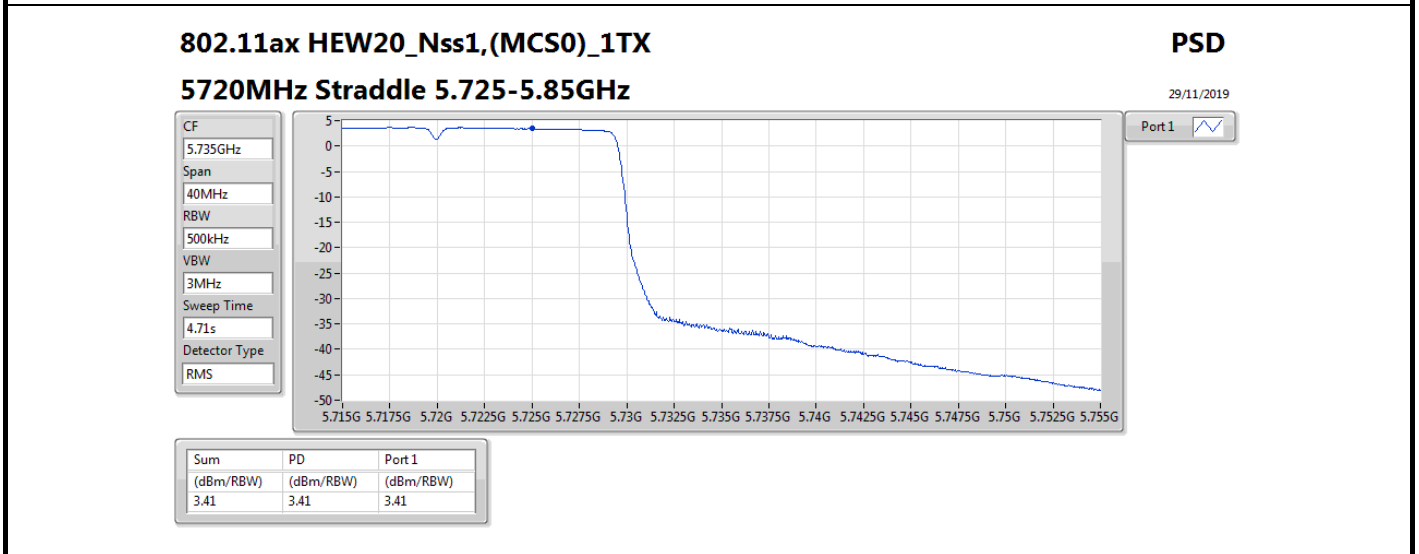
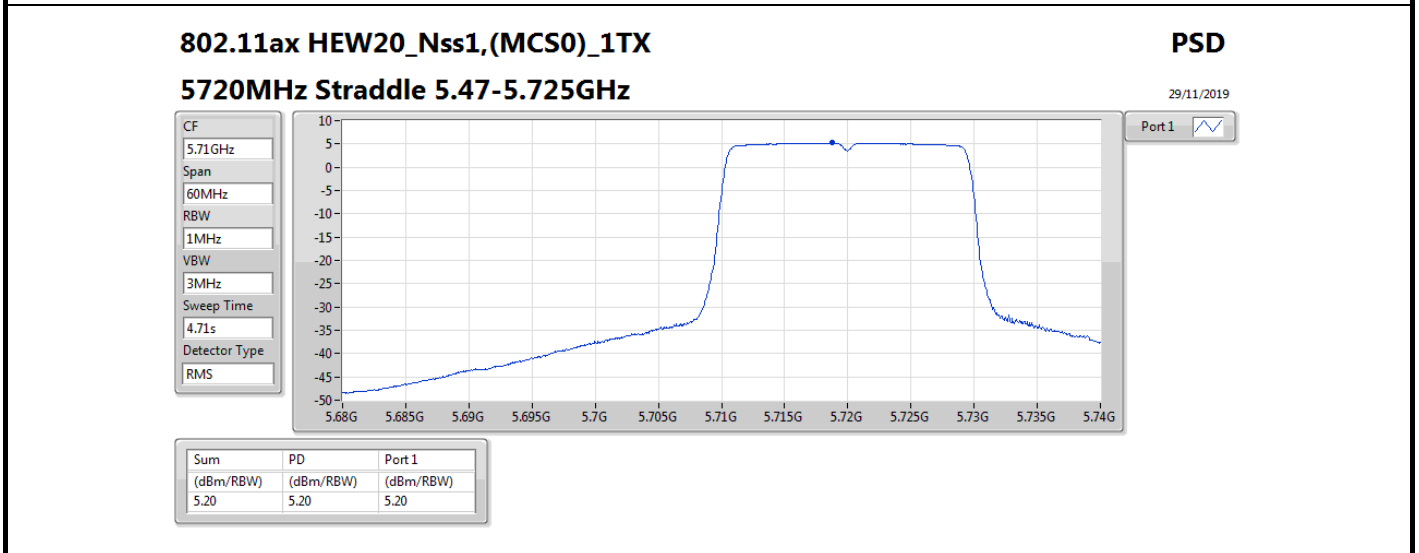
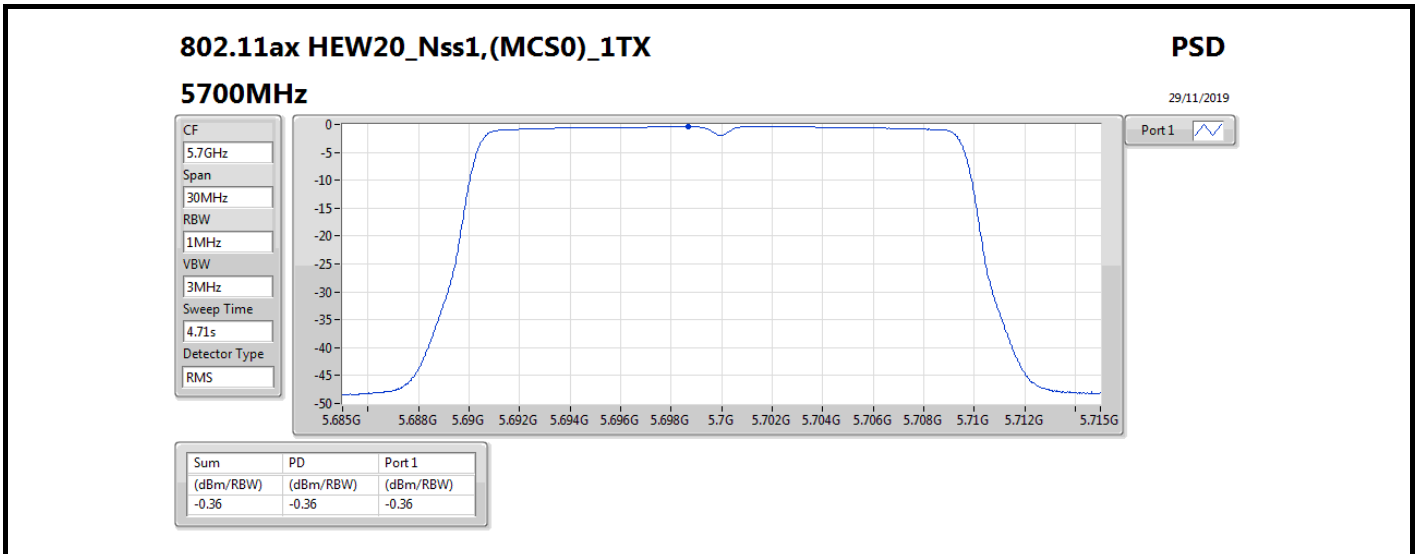
29/11/2019

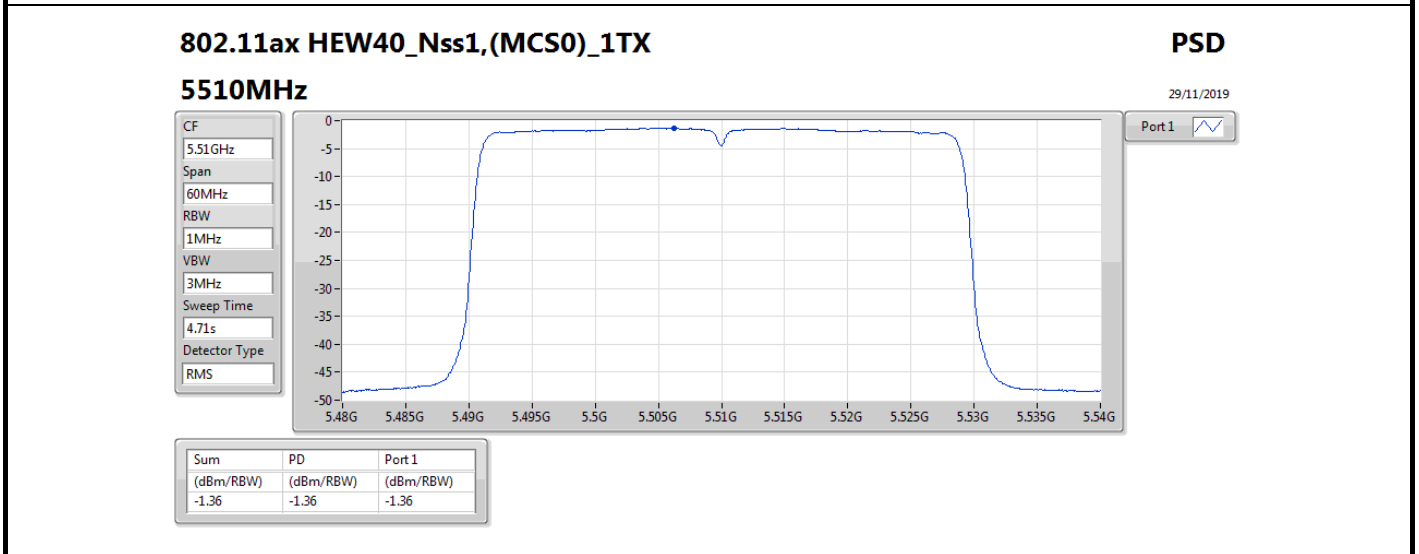
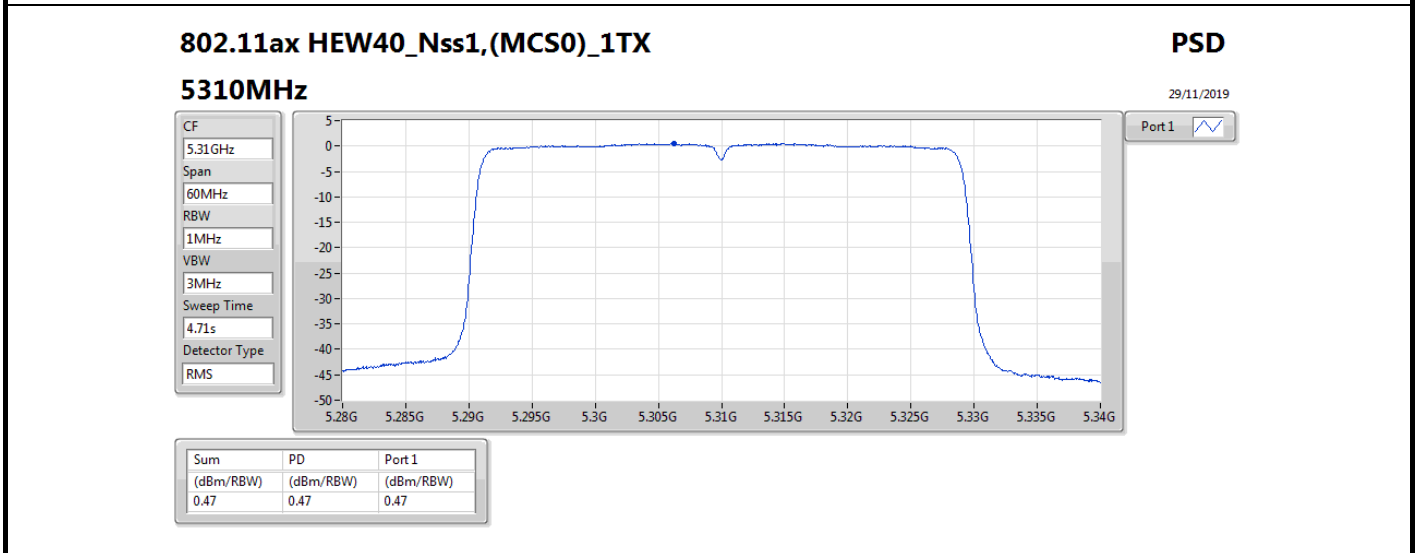
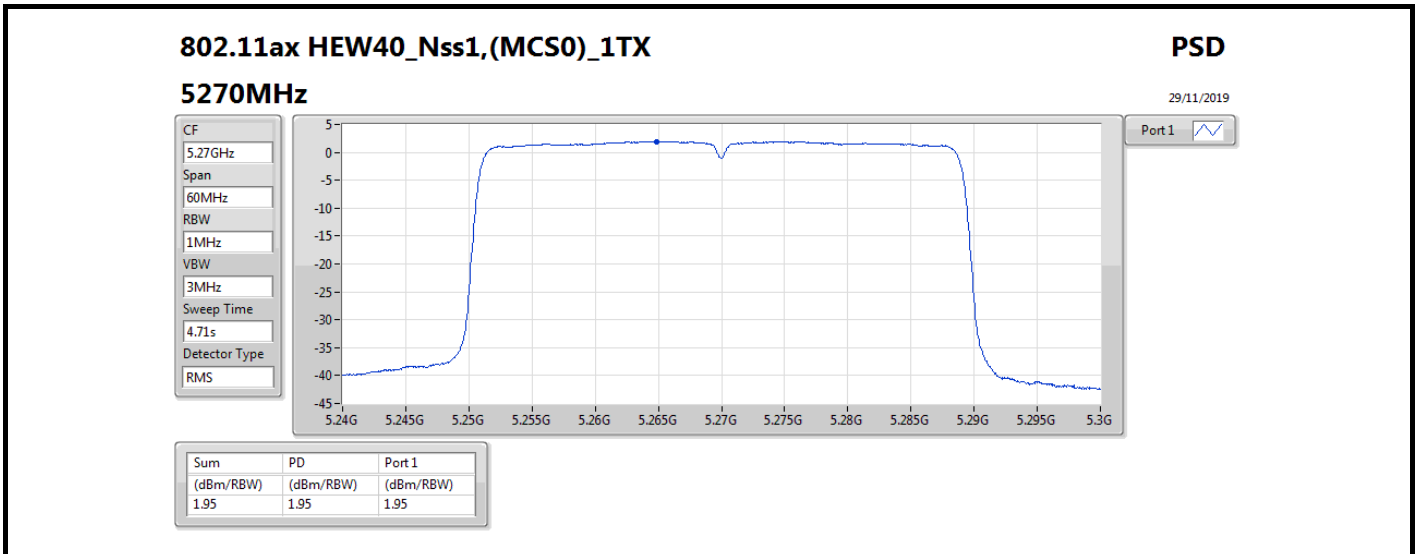


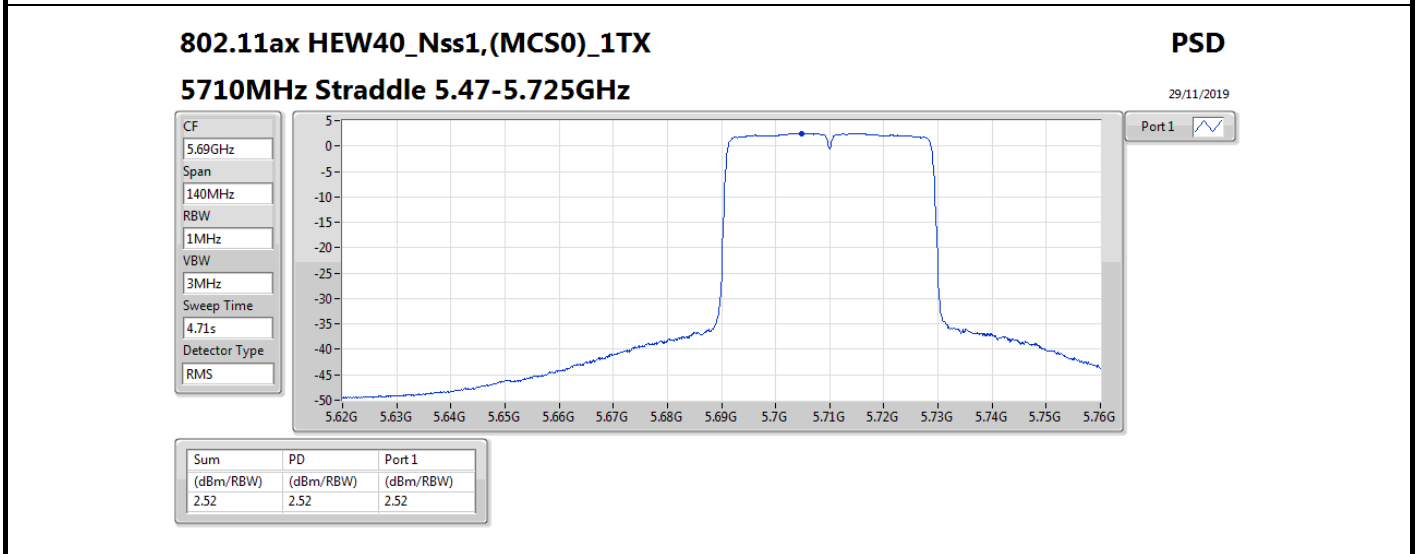
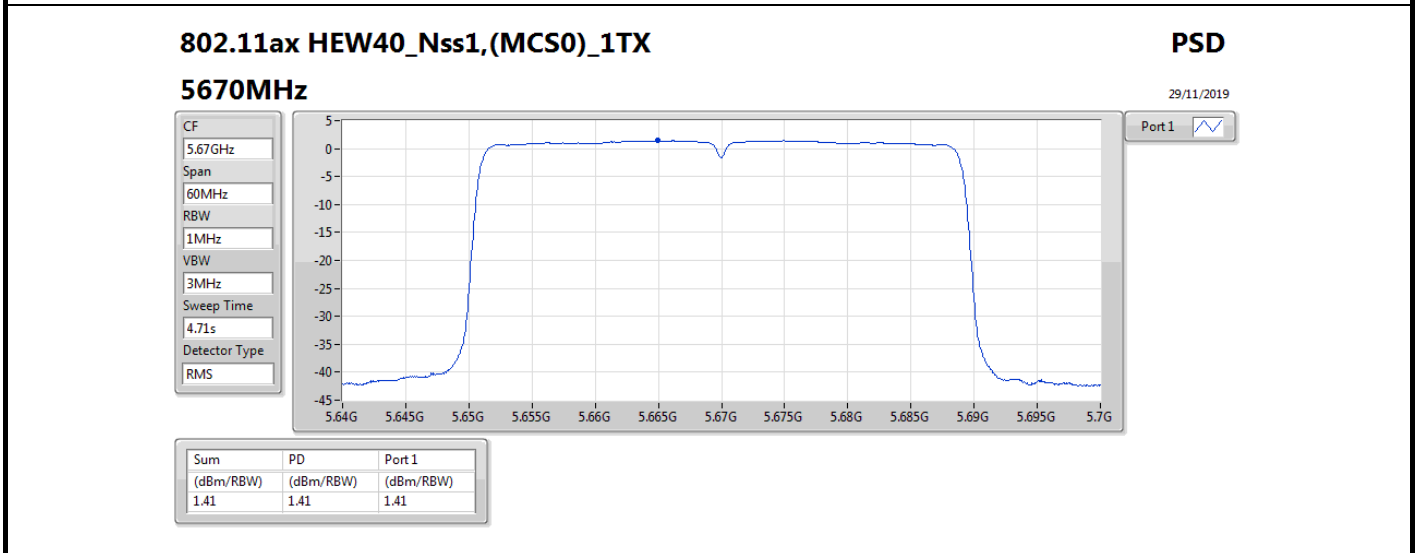
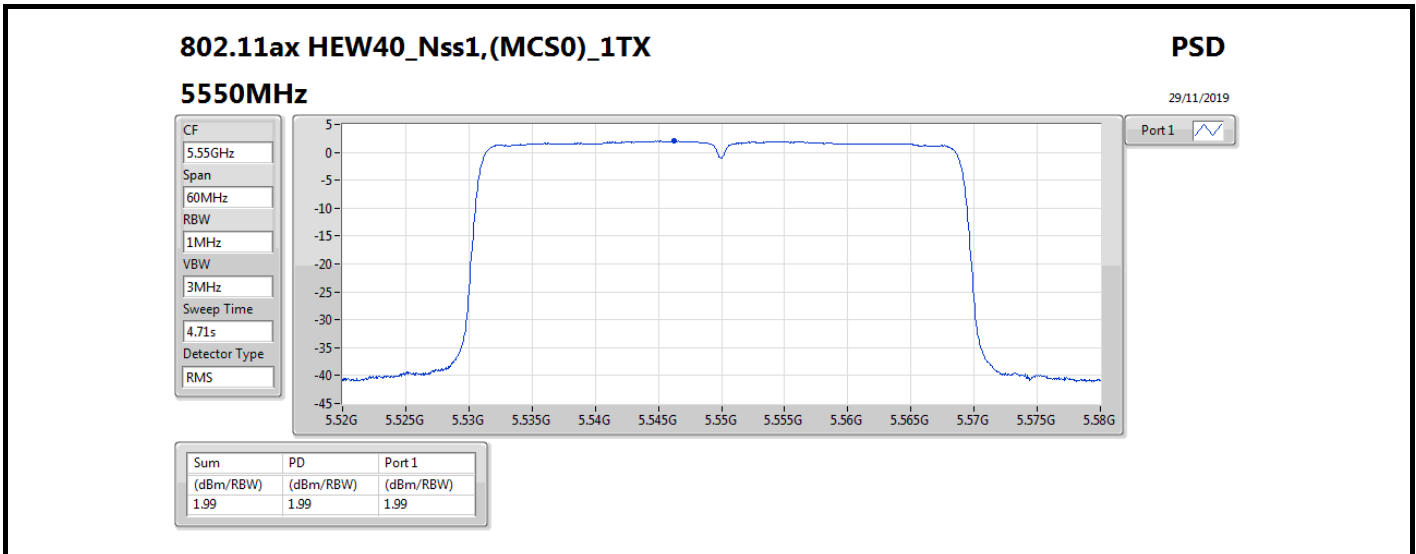
Port 1

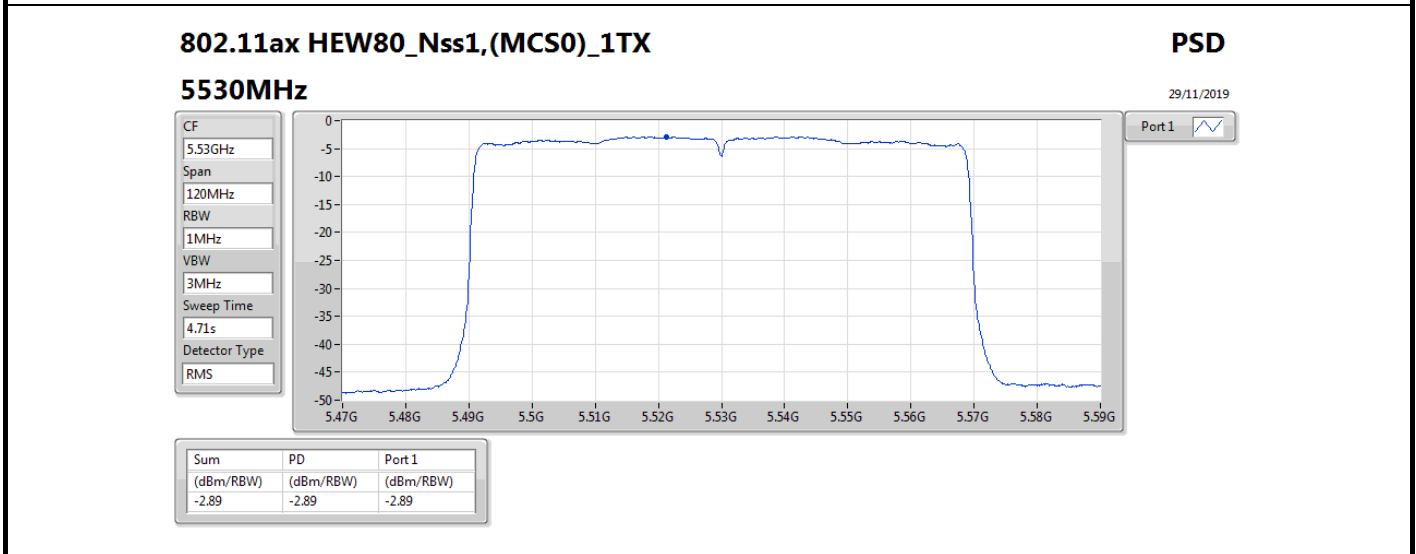
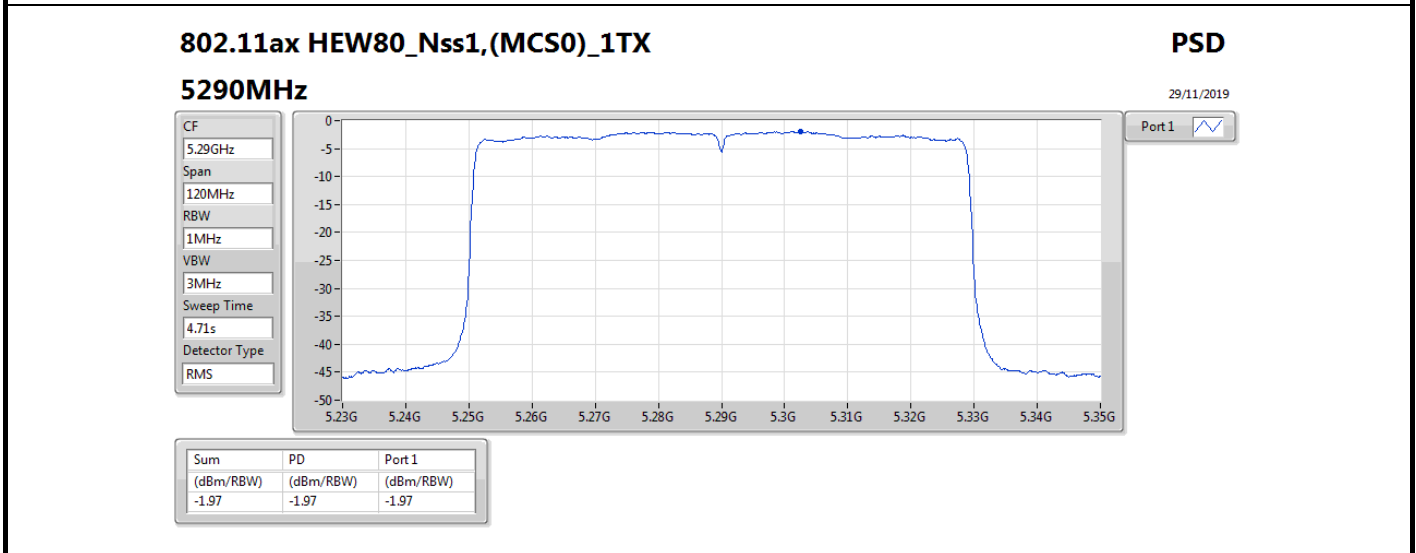
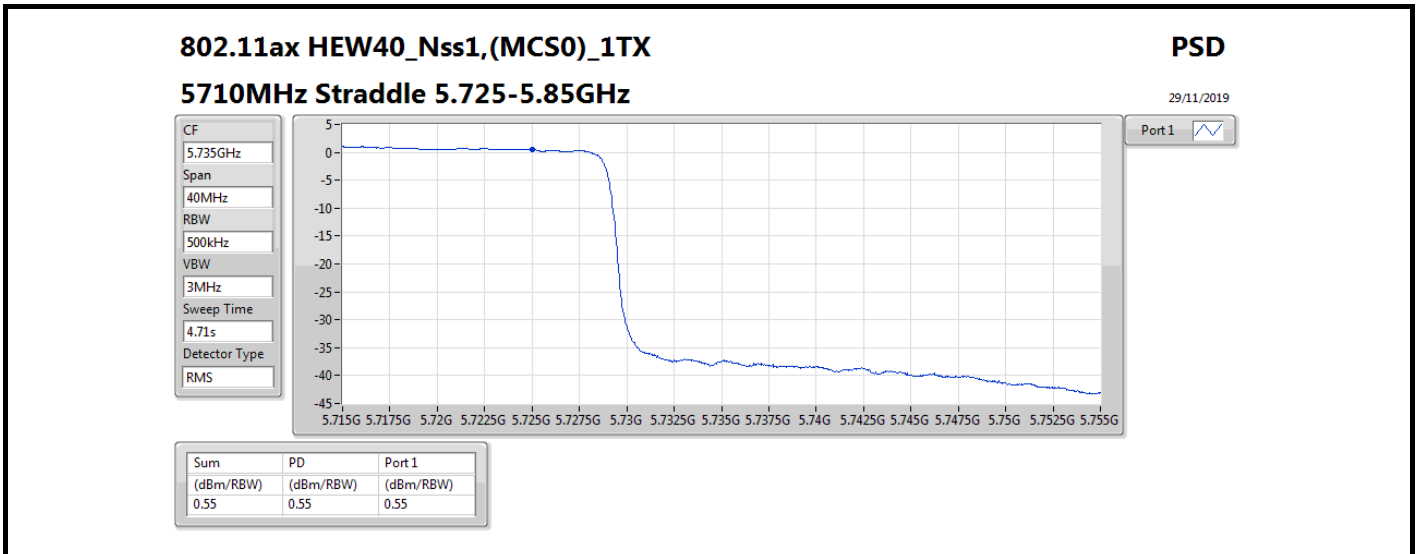
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.00	5.00	5.00

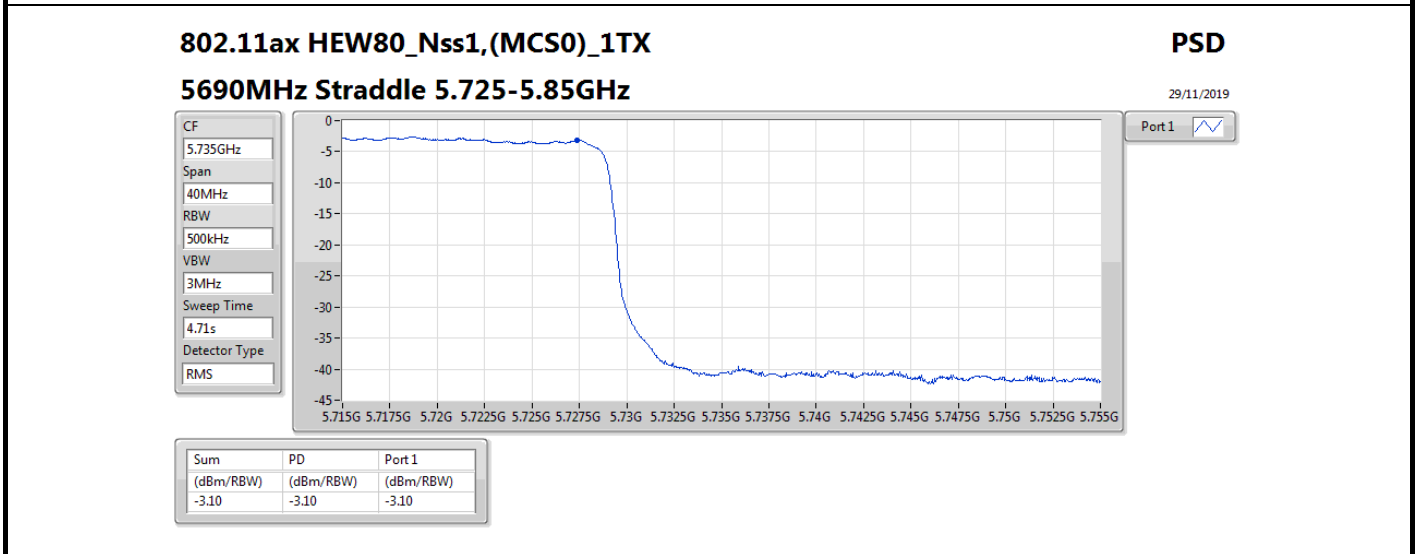
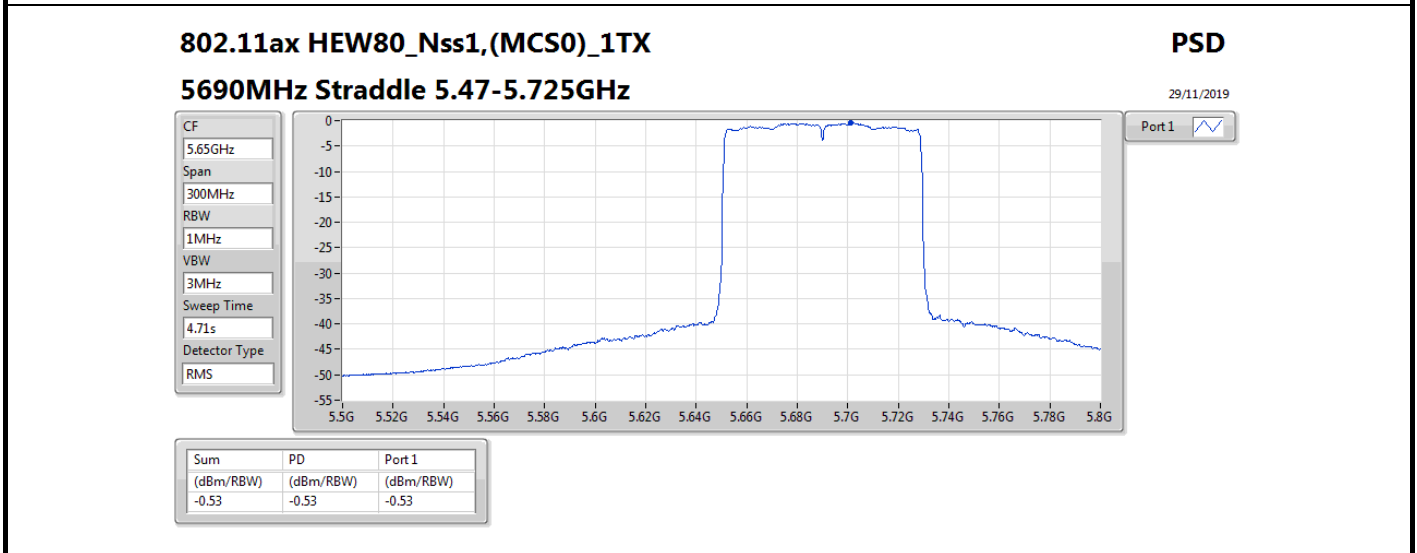
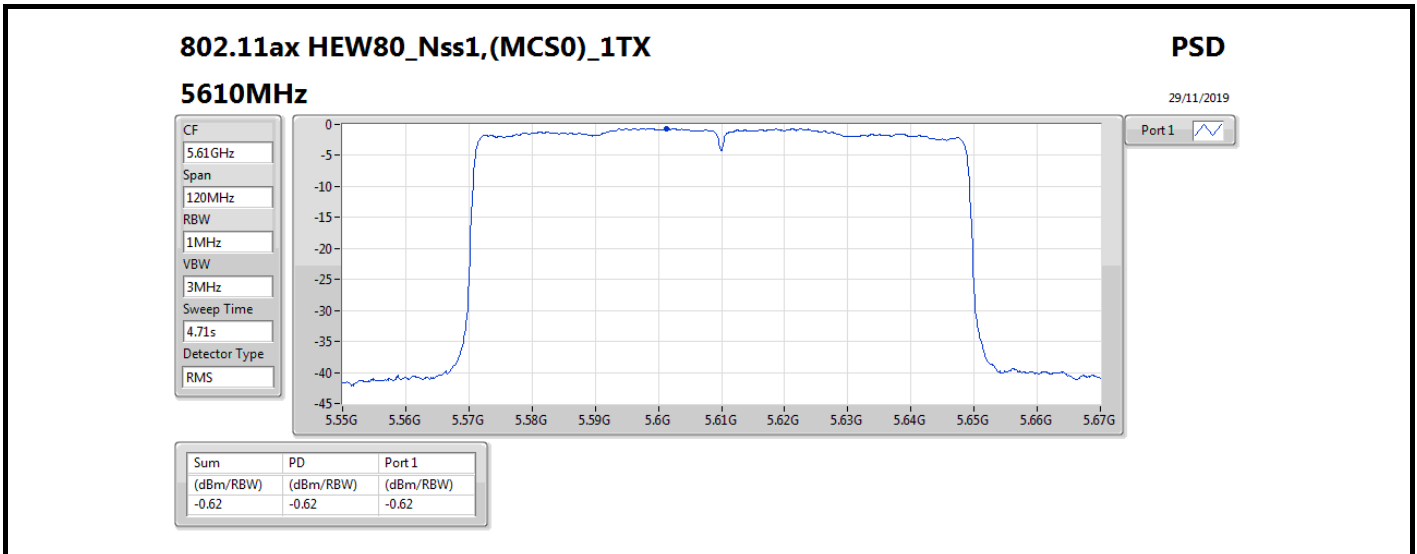


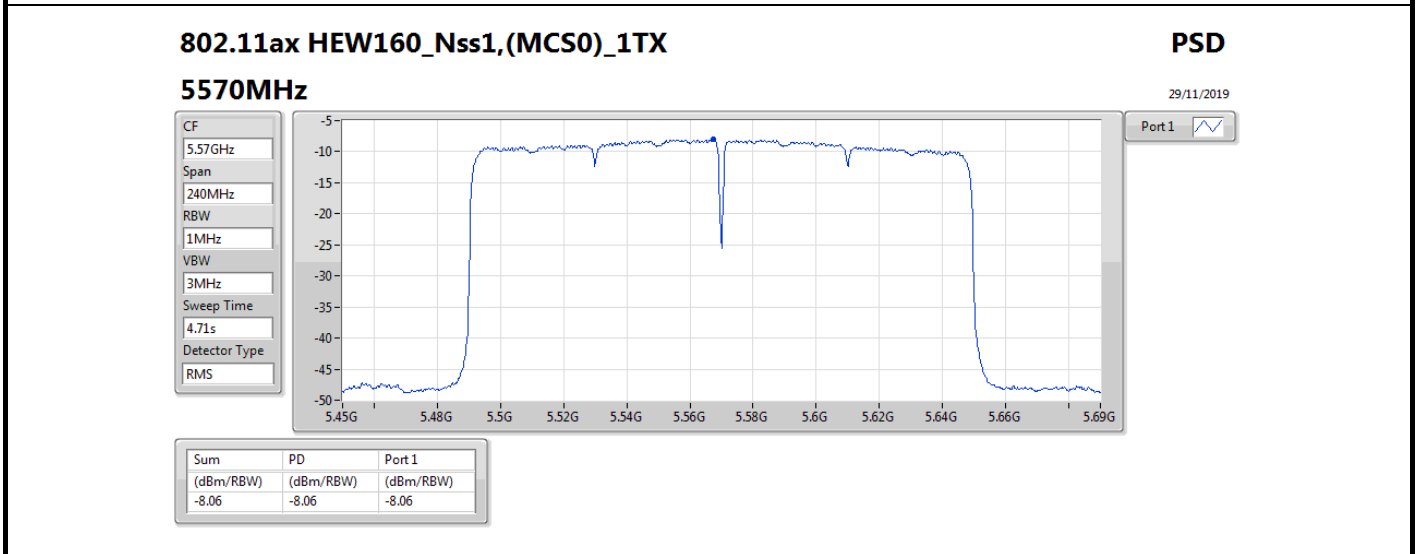
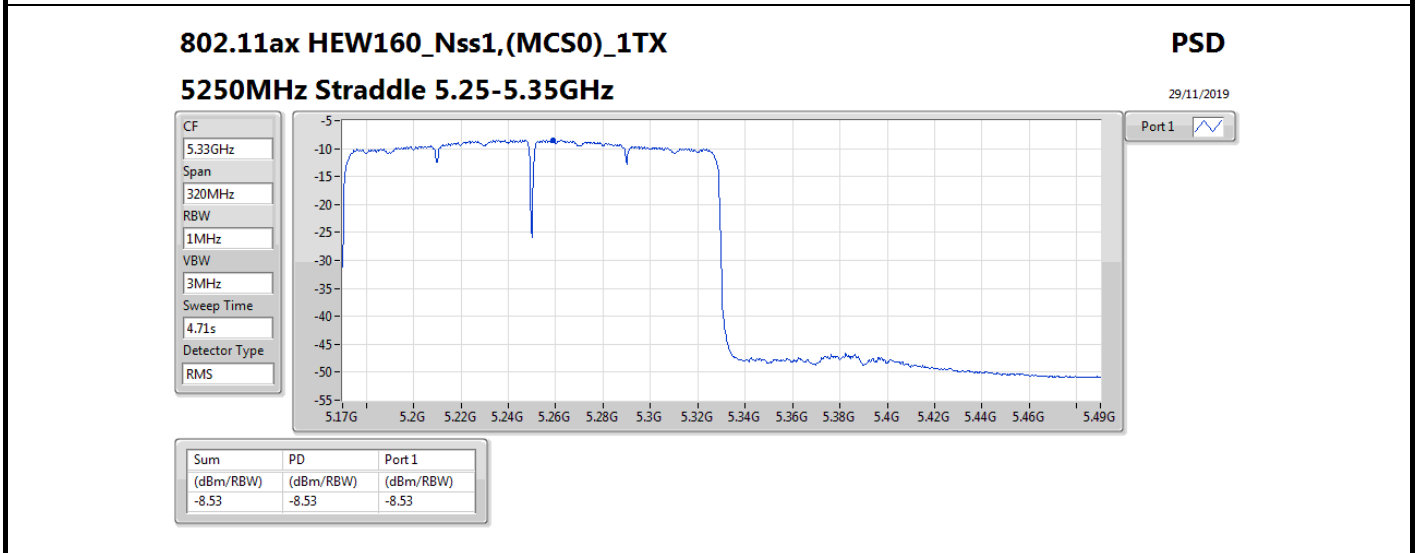
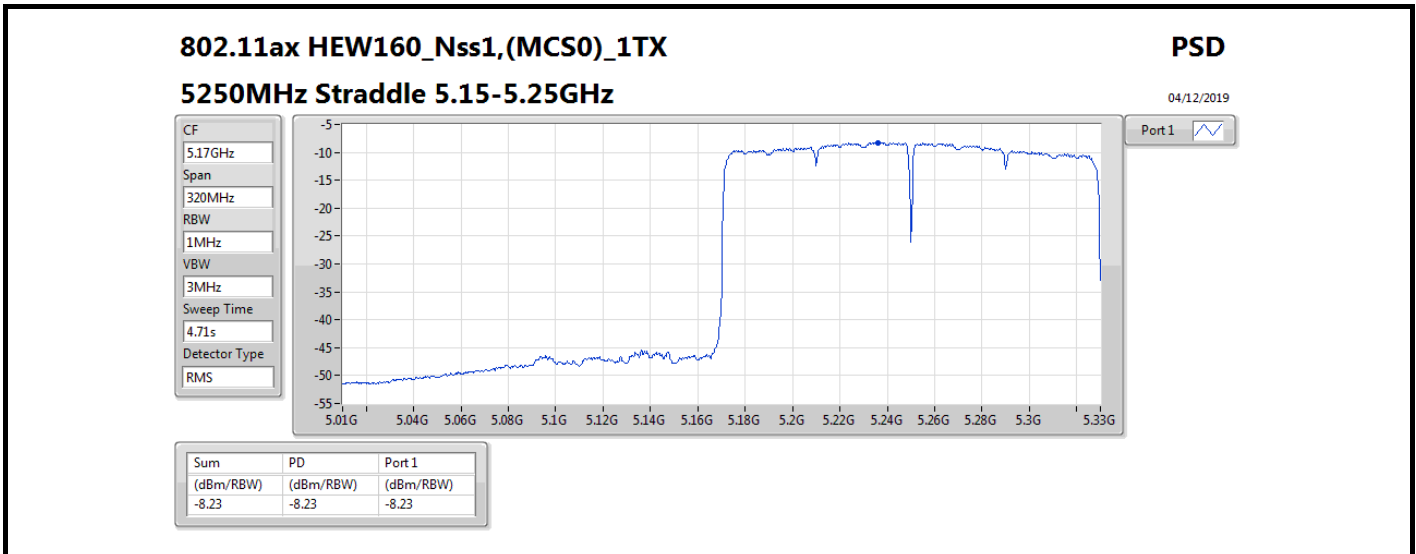














Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss2,(MCS0)_2TX	-9.54	1.16
802.11ax HEW160_Nss2,(MCS0)_2TX	-9.49	1.21
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	3.2	16.91
802.11ac VHT20_Nss2,(MCS0)_2TX	4.98	15.68
802.11ac VHT40_Nss2,(MCS0)_2TX	2.02	12.72
802.11ac VHT80_Nss2,(MCS0)_2TX	-1.16	9.54
802.11ac VHT160_Nss2,(MCS0)_2TX	-10.35	0.35
802.11ax HEW20_Nss2,(MCS0)_2TX	4.94	15.64
802.11ax HEW40_Nss2,(MCS0)_2TX	2.03	12.73
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.95	9.75
802.11ax HEW160_Nss2,(MCS0)_2TX	-9.45	1.25
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	3.26	16.97
802.11ac VHT20_Nss2,(MCS0)_2TX	5.01	15.71
802.11ac VHT40_Nss2,(MCS0)_2TX	2.83	13.53
802.11ac VHT80_Nss2,(MCS0)_2TX	-0.43	10.27
802.11ac VHT160_Nss2,(MCS0)_2TX	-7.90	2.80
802.11ax HEW20_Nss2,(MCS0)_2TX	4.99	15.69
802.11ax HEW40_Nss2,(MCS0)_2TX	2.78	13.48
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.21	10.49
802.11ax HEW160_Nss2,(MCS0)_2TX	-7.93	2.77
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	1.35	15.06
802.11ac VHT20_Nss2,(MCS0)_2TX	3.16	13.86
802.11ac VHT40_Nss2,(MCS0)_2TX	0.47	11.17
802.11ac VHT80_Nss2,(MCS0)_2TX	-3.34	7.36
802.11ax HEW20_Nss2,(MCS0)_2TX	3.24	13.94
802.11ax HEW40_Nss2,(MCS0)_2TX	0.62	11.32
802.11ax HEW80_Nss2,(MCS0)_2TX	-3.24	7.46

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



Result

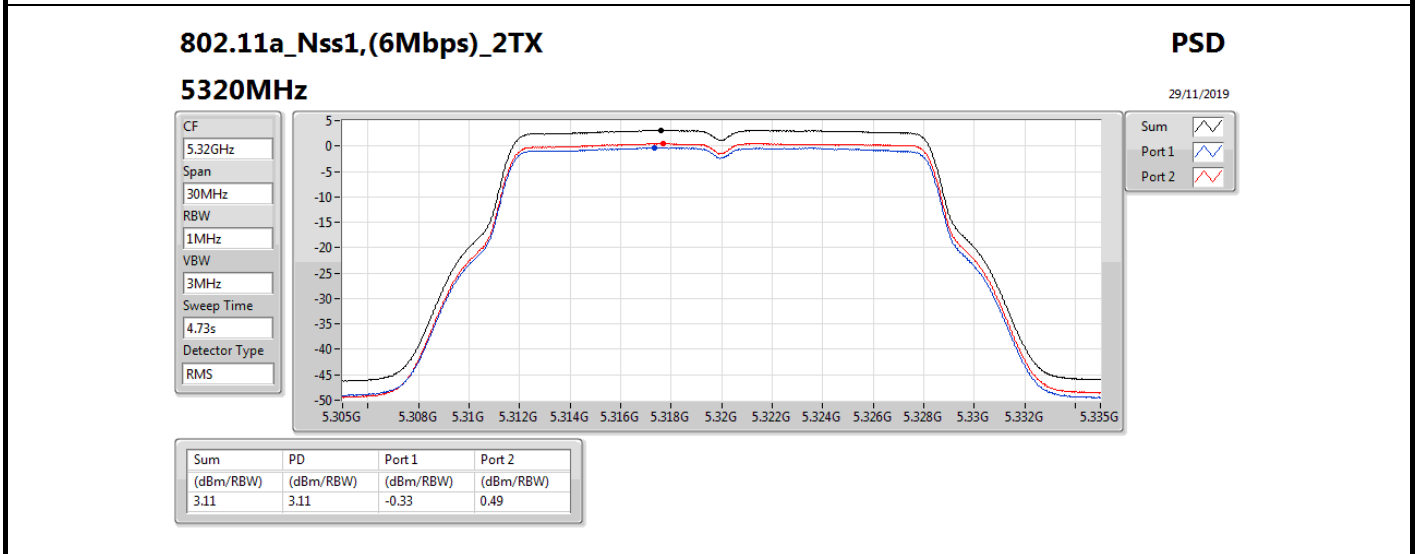
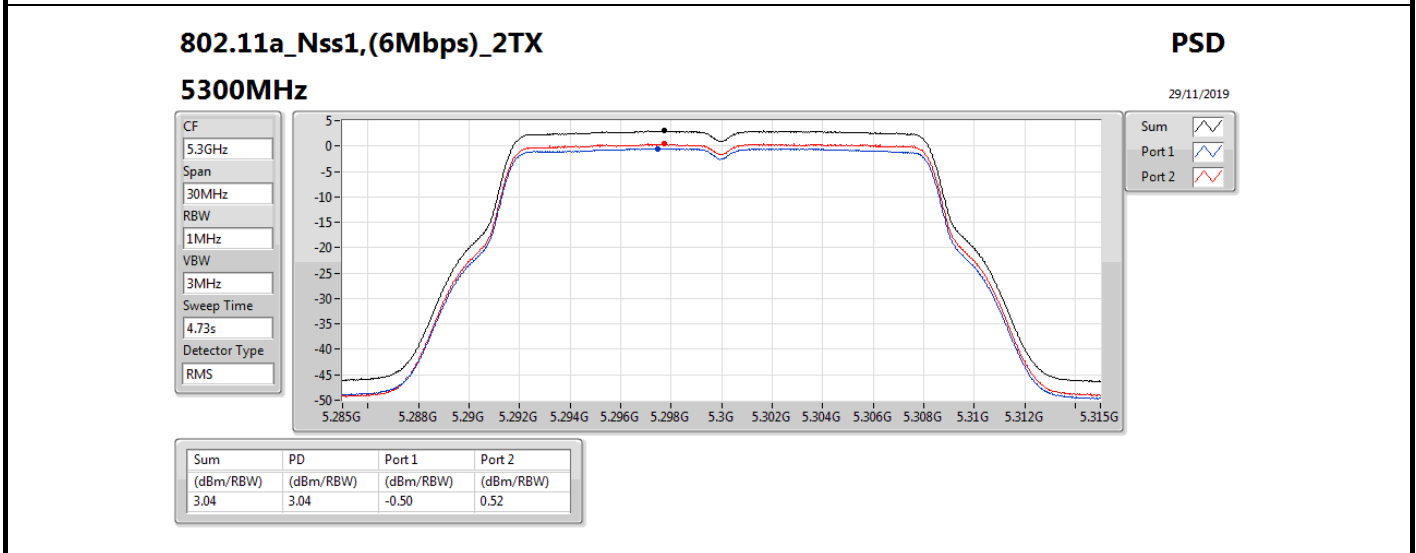
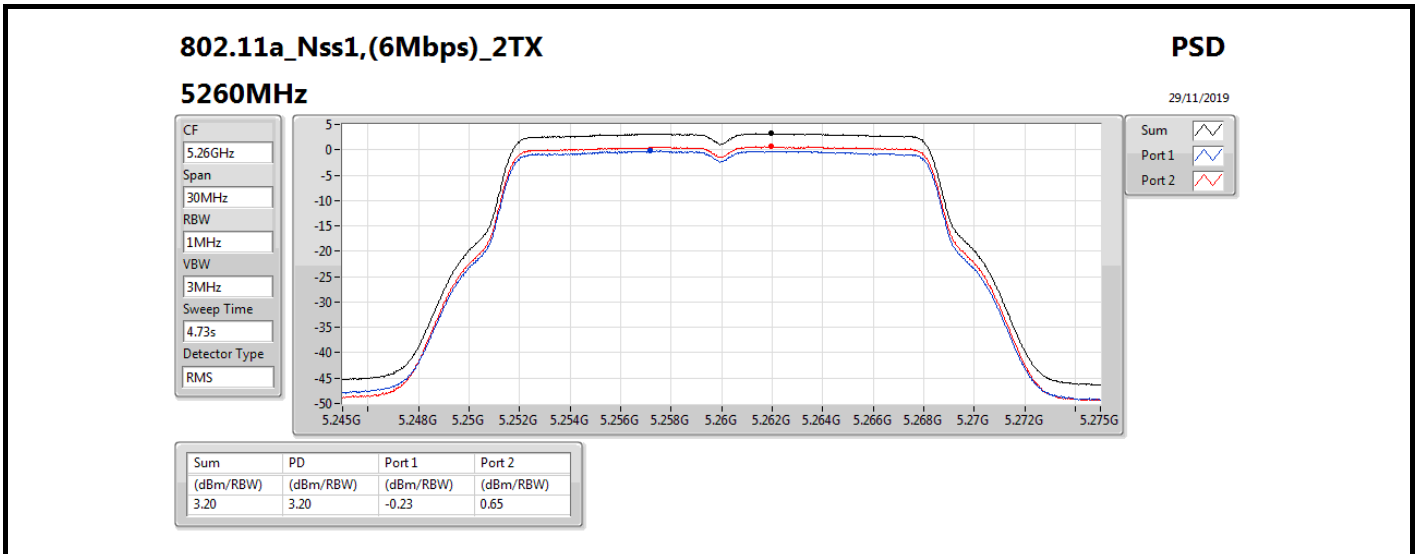
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	13.71	-0.23	0.65	3.20	3.29	16.91	17.00
5300MHz	Pass	13.71	-0.5	0.52	3.04	3.29	16.75	17.00
5320MHz	Pass	13.71	-0.33	0.49	3.11	3.29	16.82	17.00
5500MHz	Pass	13.71	0	0.45	3.17	3.29	16.88	17.00
5580MHz	Pass	13.71	-0.12	0.44	3.07	3.29	16.78	17.00
5700MHz	Pass	13.71	0.11	0.5	3.26	3.29	16.97	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	13.71	0.04	0.41	3.21	3.29	16.92	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	13.71	-1.78	-1.54	1.35	22.29	15.06	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	1.37	2.25	4.78	6.30	15.48	17.00
5300MHz	Pass	10.70	1.71	2.33	4.98	6.30	15.68	17.00
5320MHz	Pass	10.70	1.35	2.01	4.63	6.30	15.33	17.00
5500MHz	Pass	10.70	1.50	2.10	4.74	6.30	15.44	17.00
5580MHz	Pass	10.70	1.79	2.03	4.87	6.30	15.57	17.00
5700MHz	Pass	10.70	1.77	1.93	4.80	6.30	15.50	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	1.95	2.13	5.01	6.30	15.71	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	0.06	0.29	3.16	25.30	13.86	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	-1.35	-0.65	1.96	6.30	12.66	17.00
5310MHz	Pass	10.70	-1.35	-0.55	2.02	6.30	12.72	17.00
5510MHz	Pass	10.70	-1.92	-1.19	1.40	6.30	12.10	17.00
5550MHz	Pass	10.70	-1.25	-0.65	2.04	6.30	12.74	17.00
5670MHz	Pass	10.70	-1.58	-0.81	1.78	6.30	12.48	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	-0.28	0.02	2.83	6.30	13.53	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	-2.50	-2.58	0.47	25.30	11.17	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	-4.52	-3.73	-1.16	6.30	9.54	17.00
5530MHz	Pass	10.70	-4.43	-3.62	-1.16	6.30	9.54	17.00
5610MHz	Pass	10.70	-4.19	-3.04	-0.58	6.30	10.12	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-3.83	-3.01	-0.43	6.30	10.27	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-6.45	-6.23	-3.34	25.30	7.36	36.00
802.11ac VHT160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	-12.63	-12.42	-9.54	12.30	1.16	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	-13.49	-13.09	-10.35	6.30	0.35	17.00
5570MHz	Pass	10.70	-11.46	-10.30	-7.90	6.30	2.80	17.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	10.70	1.42	2.2	4.82	6.30	15.52	17.00
5300MHz	Pass	10.70	1.7	2.2	4.94	6.30	15.64	17.00
5320MHz	Pass	10.70	1.22	2.09	4.67	6.30	15.37	17.00
5500MHz	Pass	10.70	1.44	2.06	4.75	6.30	15.45	17.00
5580MHz	Pass	10.70	1.73	2.02	4.87	6.30	15.57	17.00
5700MHz	Pass	10.70	1.79	1.91	4.85	6.30	15.55	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	10.70	1.96	2.00	4.99	6.30	15.69	17.00

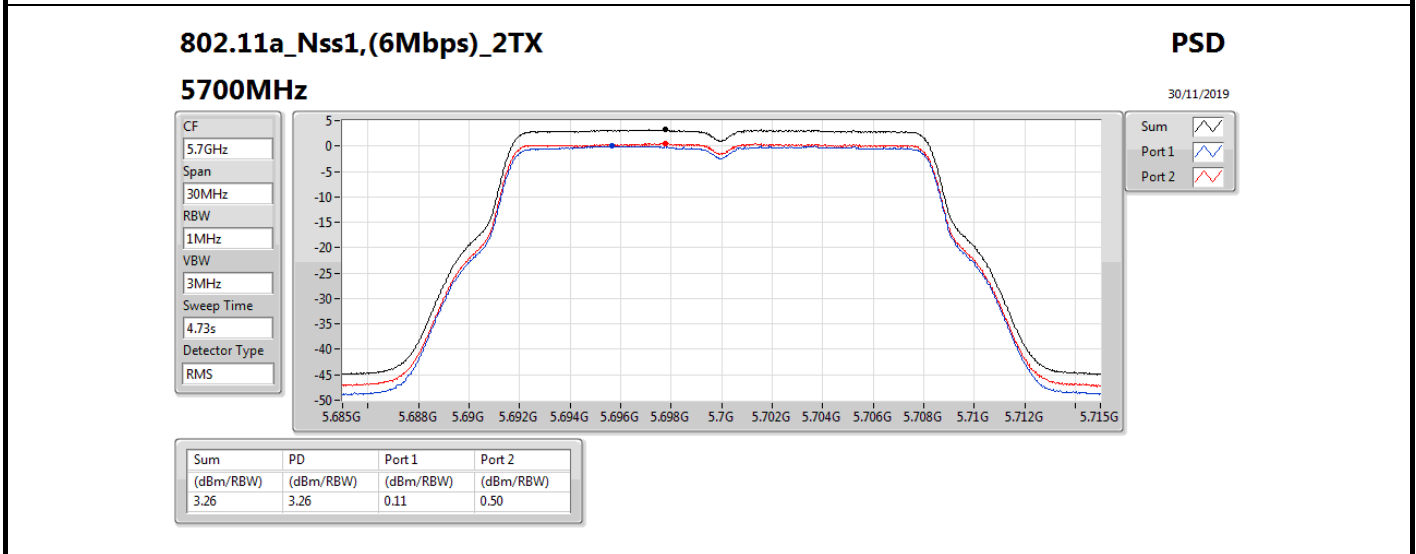
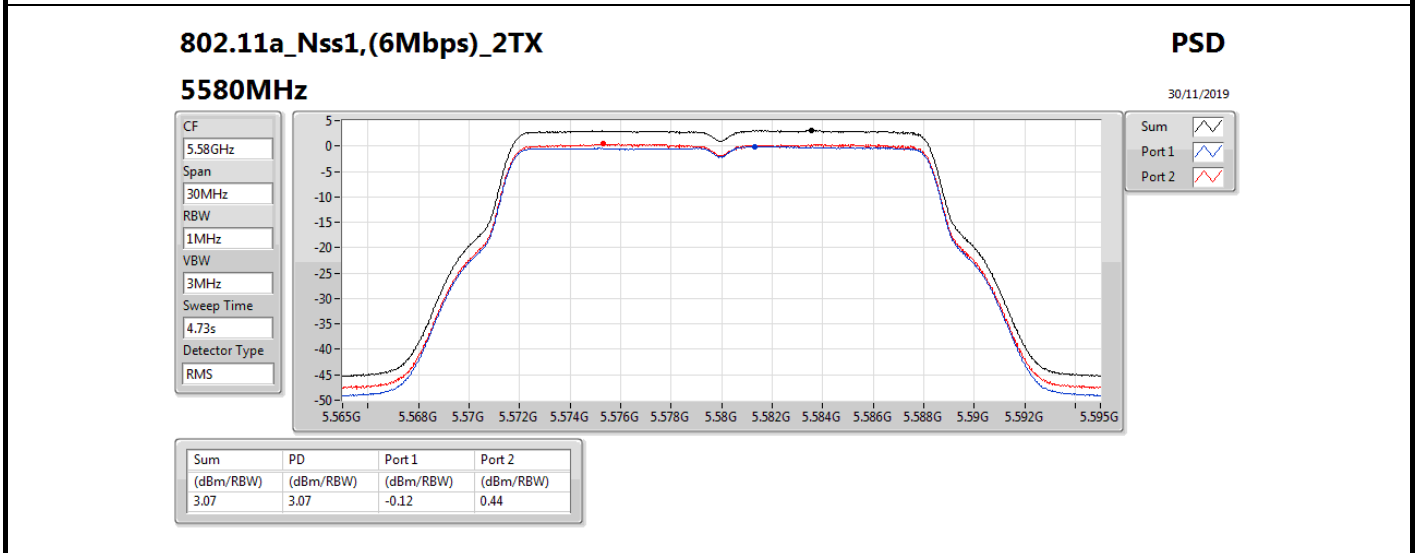
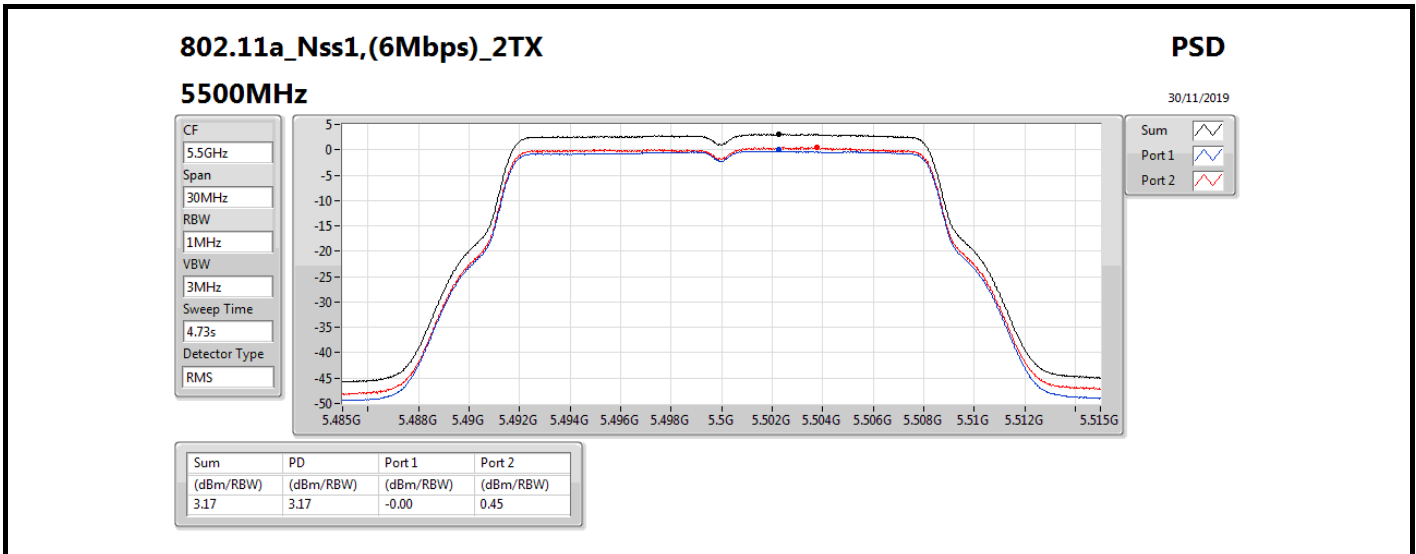


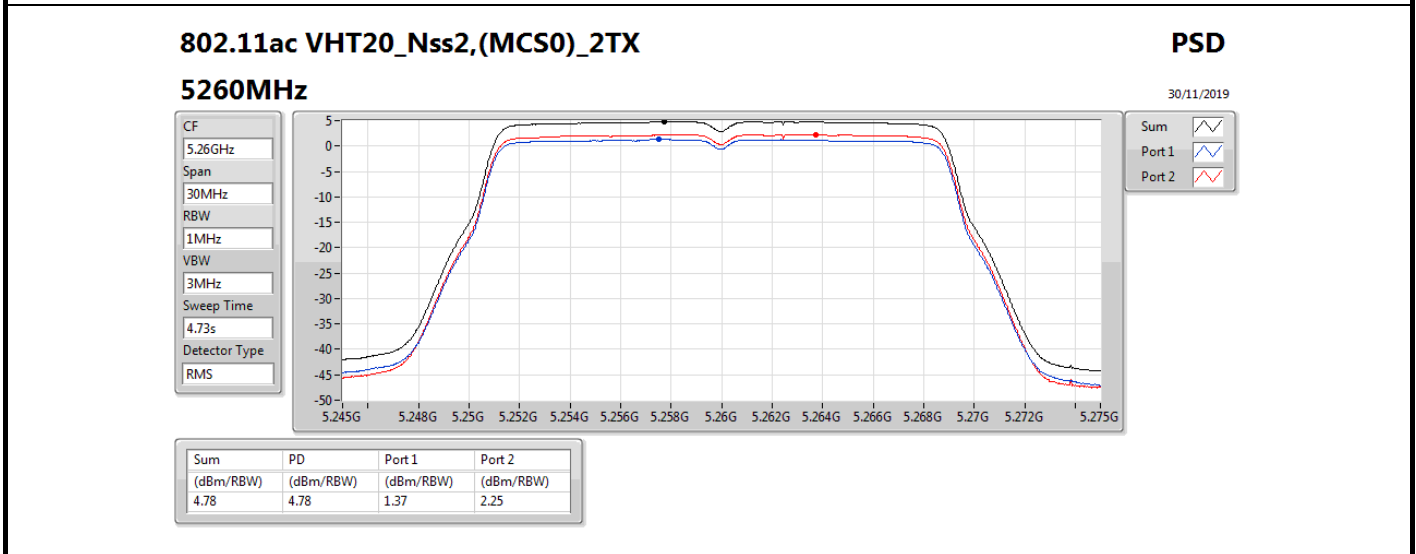
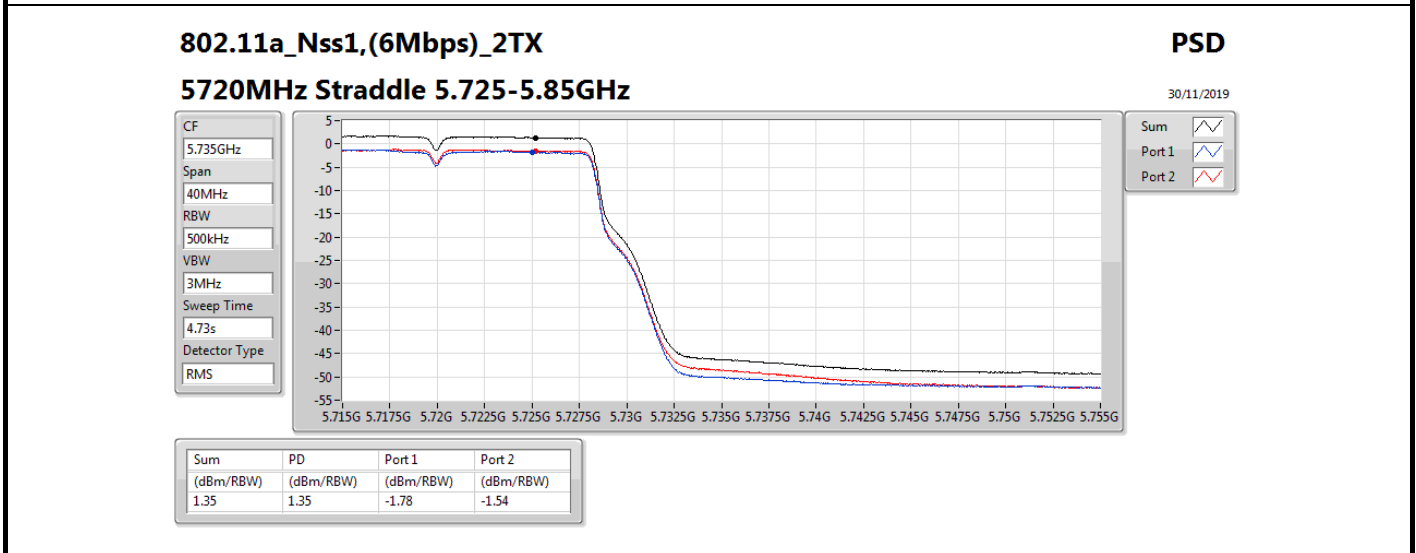
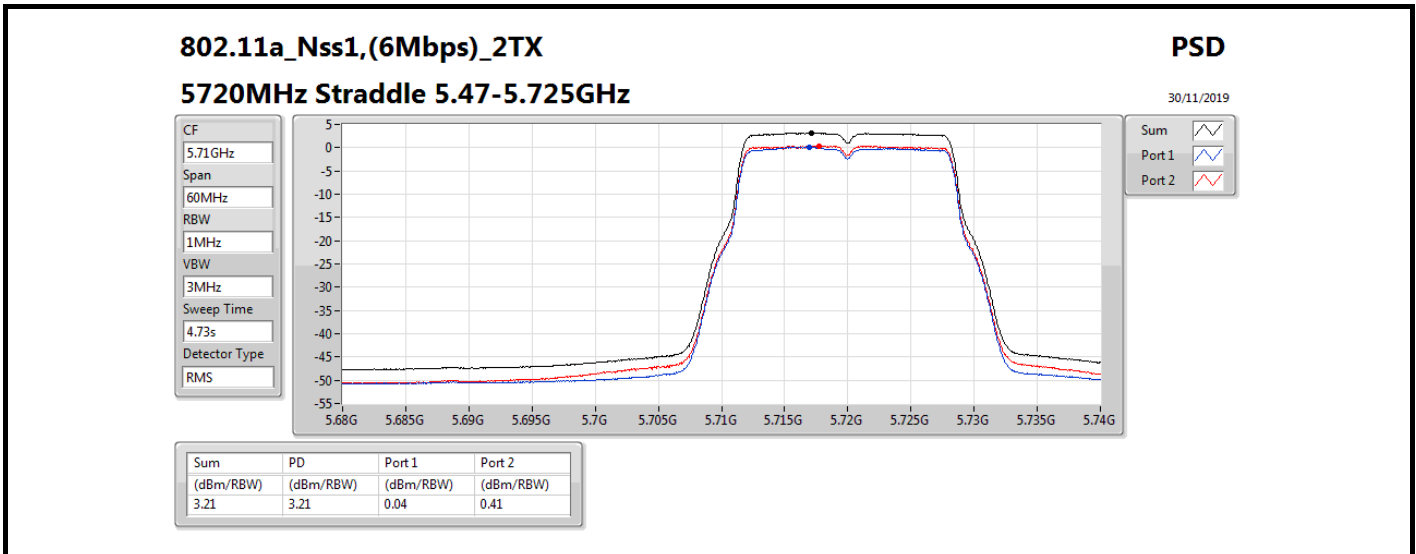
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz	Pass	10.70	0.21	0.24	3.24	25.30	13.94	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	10.70	-1.37	-0.60	2.03	6.30	12.73	17.00
5310MHz	Pass	10.70	-1.40	-0.67	1.95	6.30	12.65	17.00
5510MHz	Pass	10.70	-1.82	-1.40	1.35	6.30	12.05	17.00
5550MHz	Pass	10.70	-1.19	-0.75	2.02	6.30	12.72	17.00
5670MHz	Pass	10.70	-1.61	-0.93	1.72	6.30	12.42	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	10.70	-0.51	0.03	2.78	6.30	13.48	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	10.70	-2.35	-2.43	0.62	25.30	11.32	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	10.70	-4.18	-3.69	-0.95	6.30	9.75	17.00
5530MHz	Pass	10.70	-4.23	-3.63	-0.98	6.30	9.72	17.00
5610MHz	Pass	10.70	-3.82	-3.17	-0.47	6.30	10.23	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	10.70	-3.55	-2.92	-0.21	6.30	10.49	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	10.70	-6.20	-6.30	-3.24	25.30	7.46	36.00
802.11ax HEW160_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	10.70	-12.43	-12.40	-9.49	12.30	1.21	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	10.70	-12.43	-12.21	-9.45	6.30	1.25	17.00
5570MHz	Pass	10.70	-11.44	-10.35	-7.93	6.30	2.77	17.00

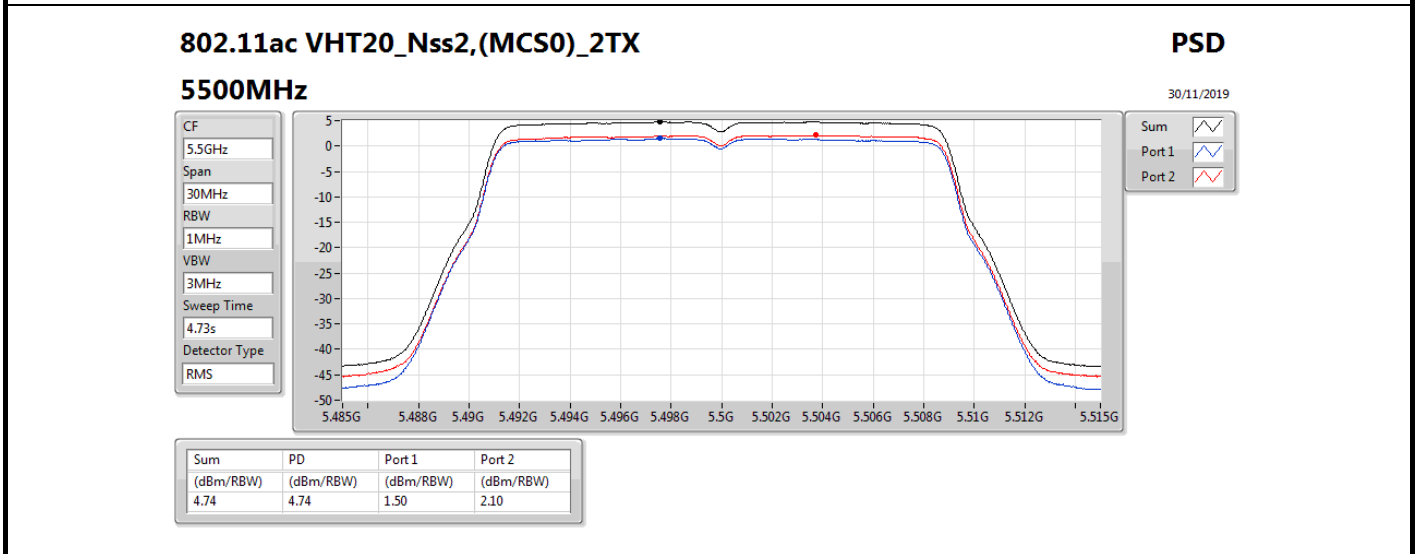
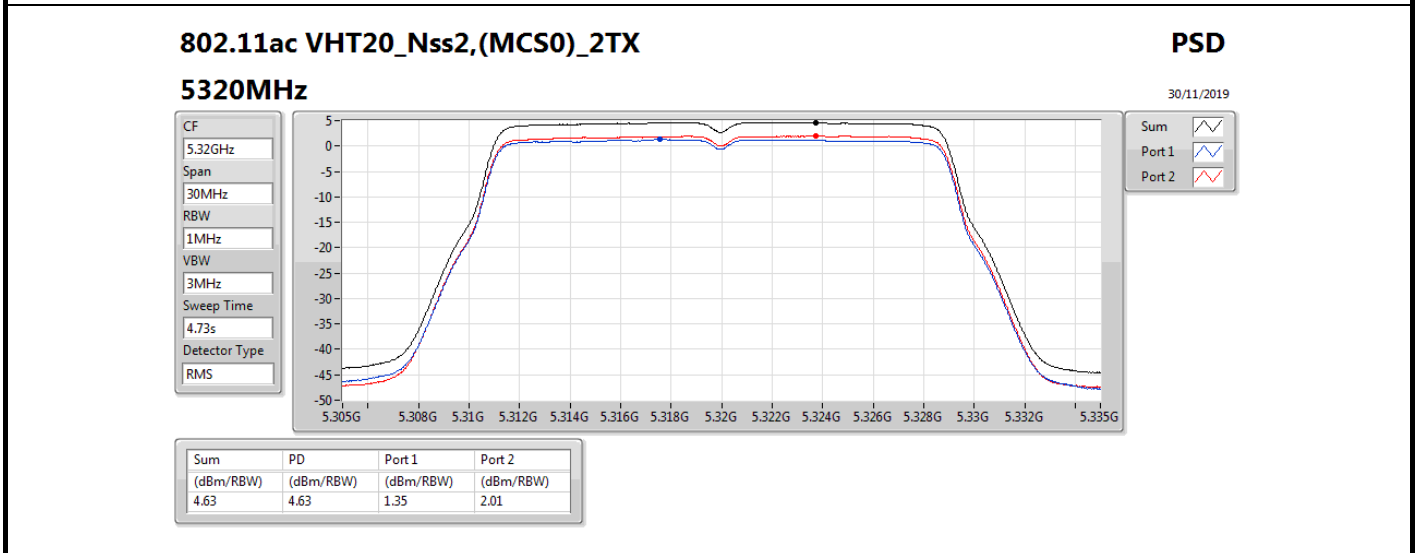
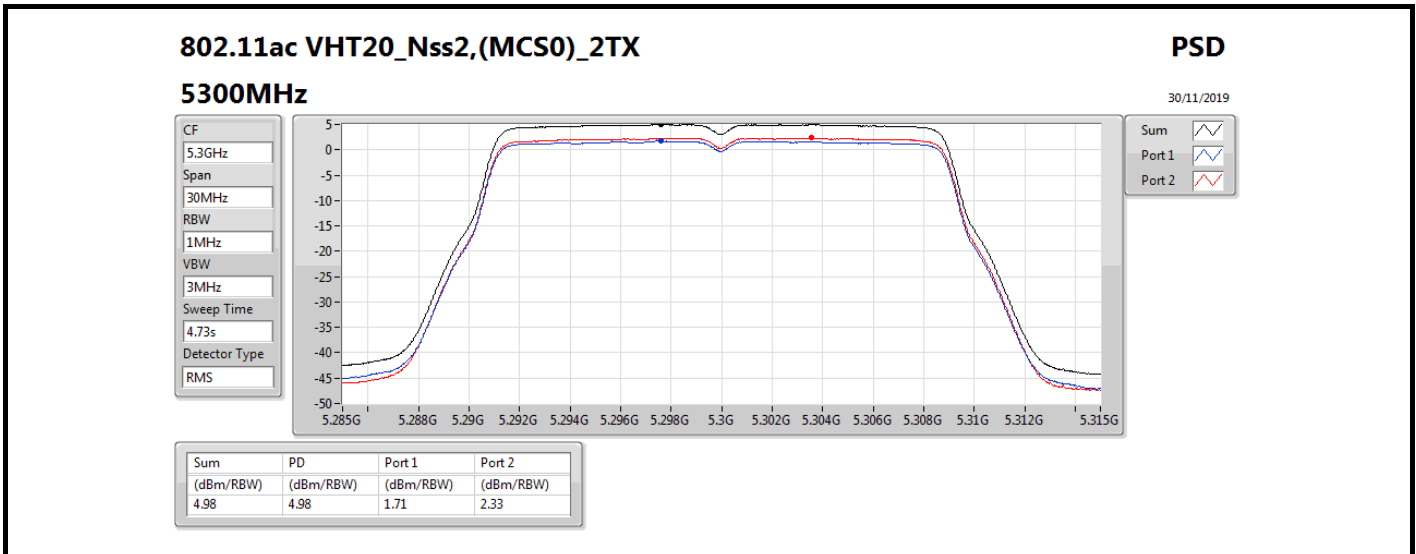
DG = Directional Gain; RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

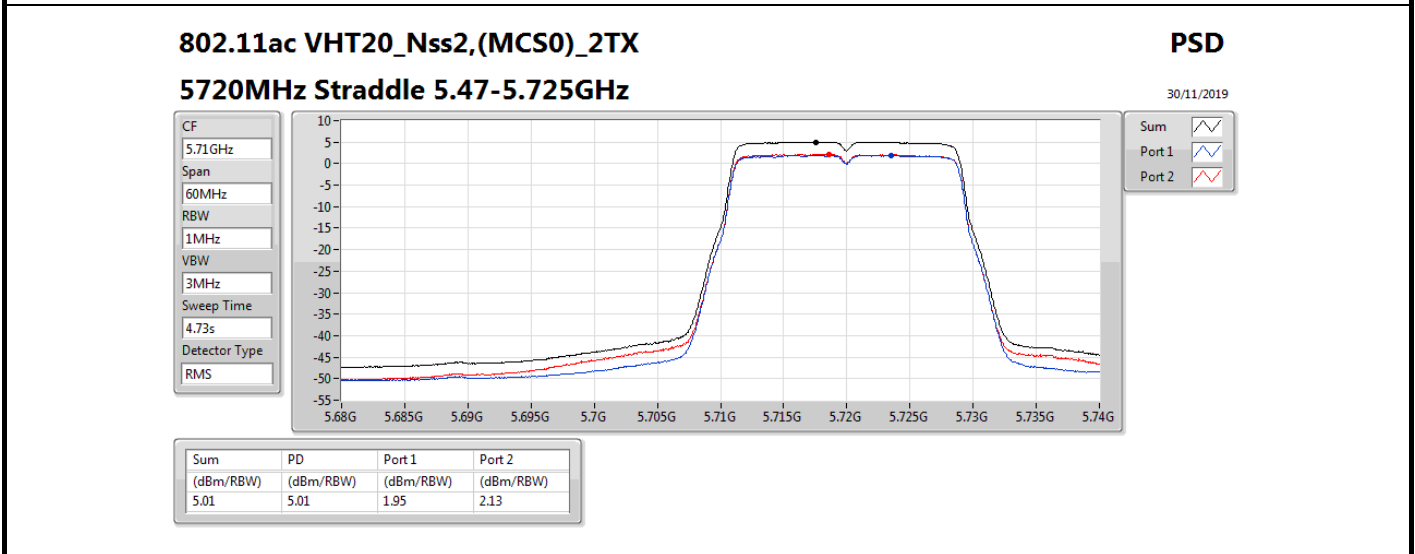
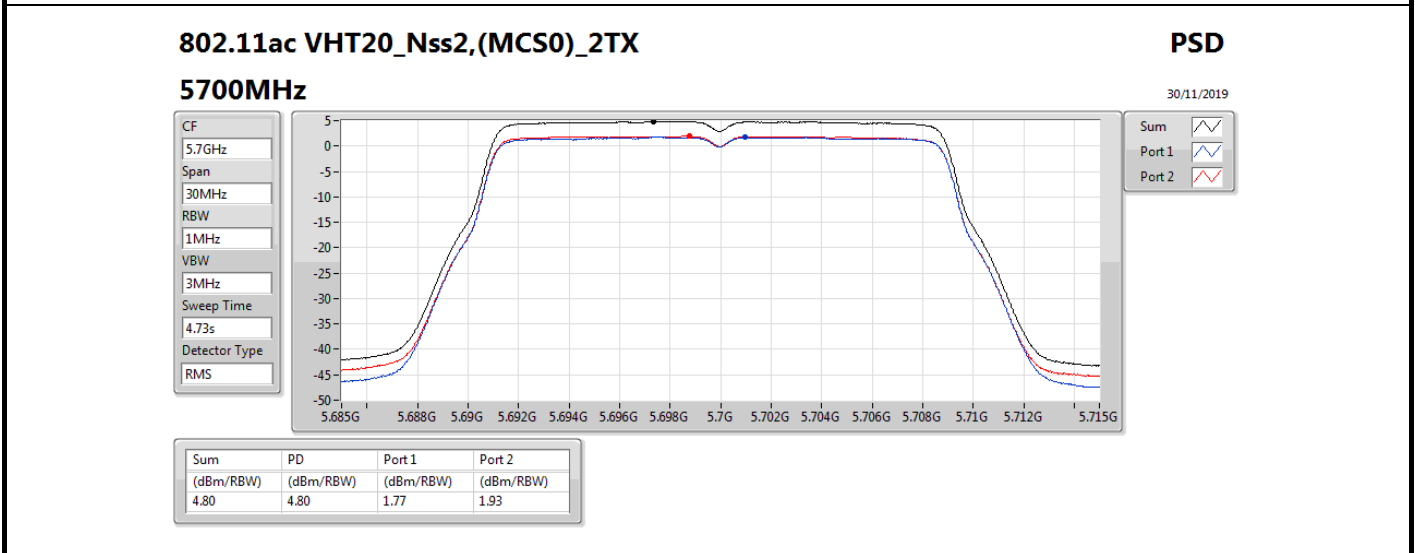
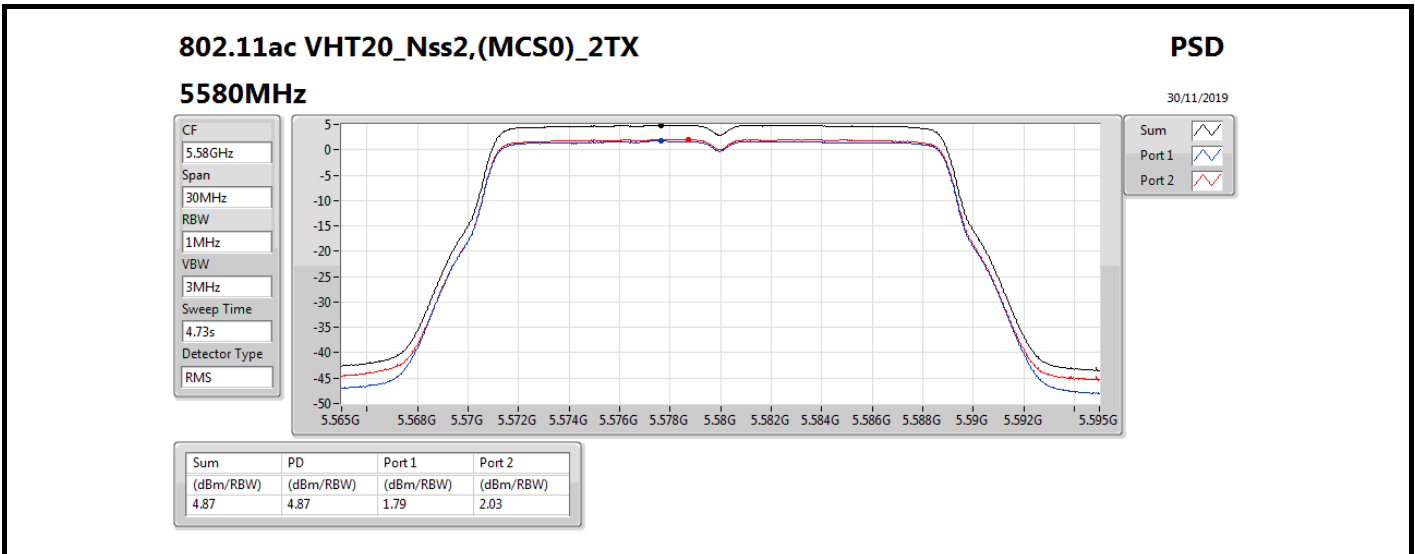
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

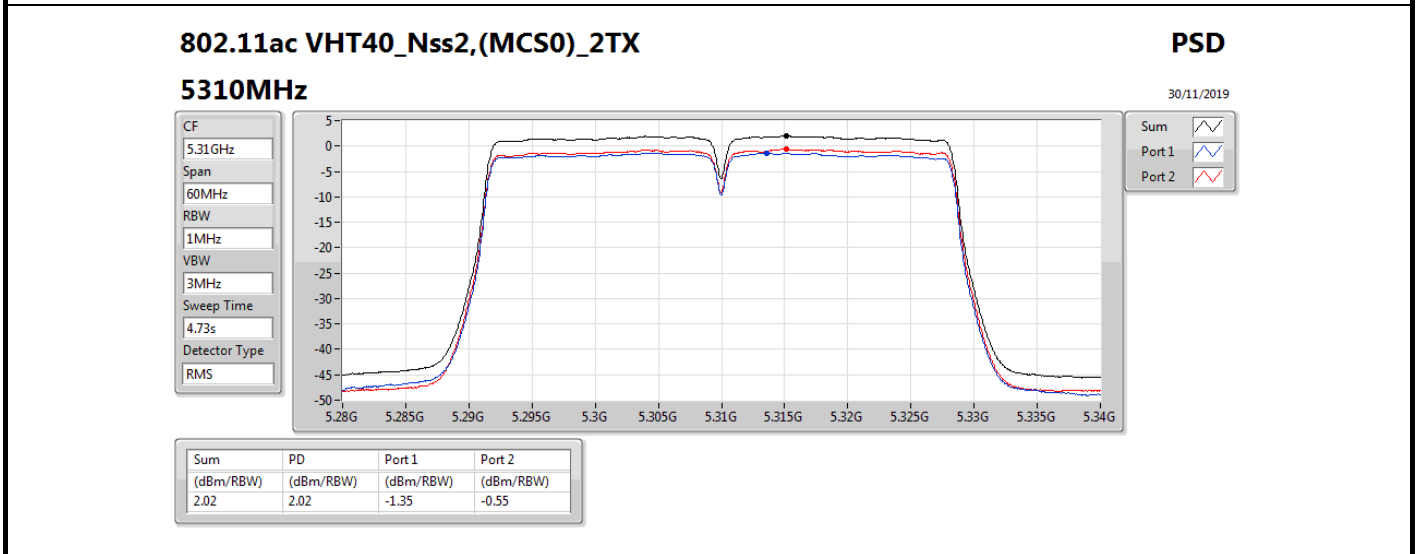
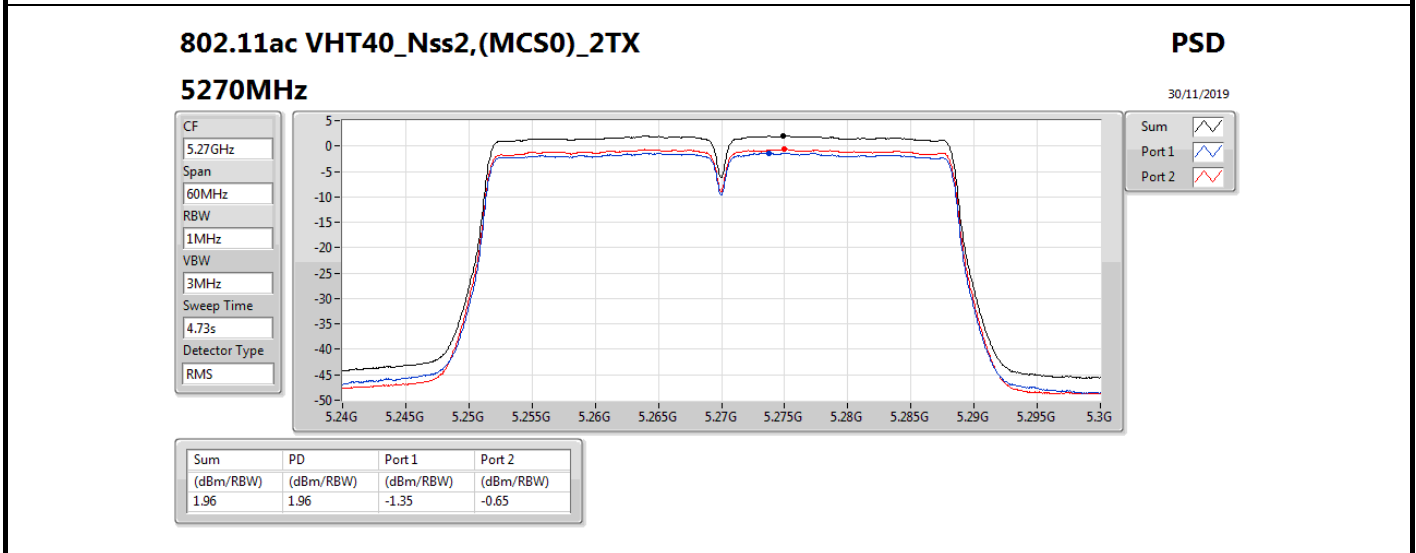
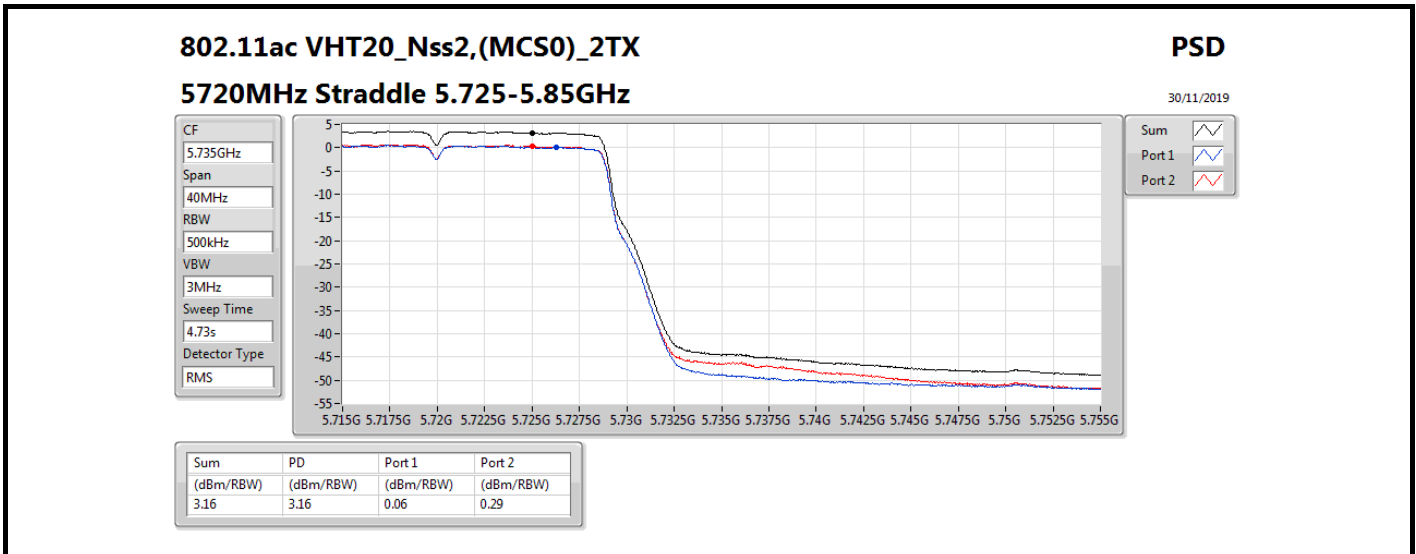


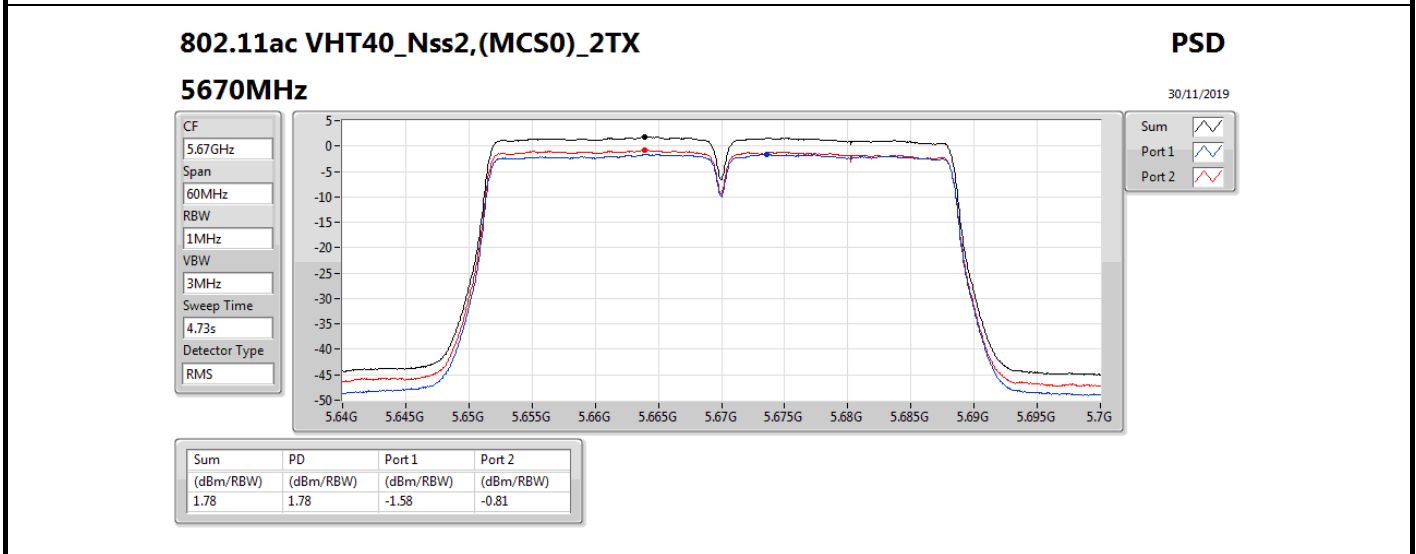
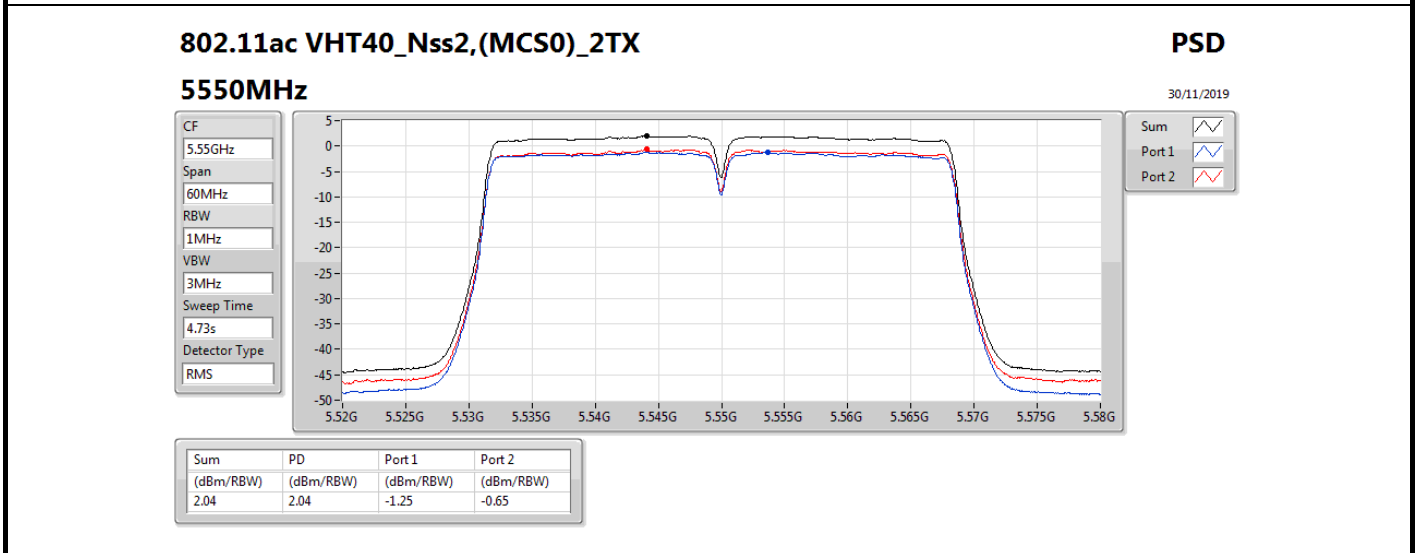
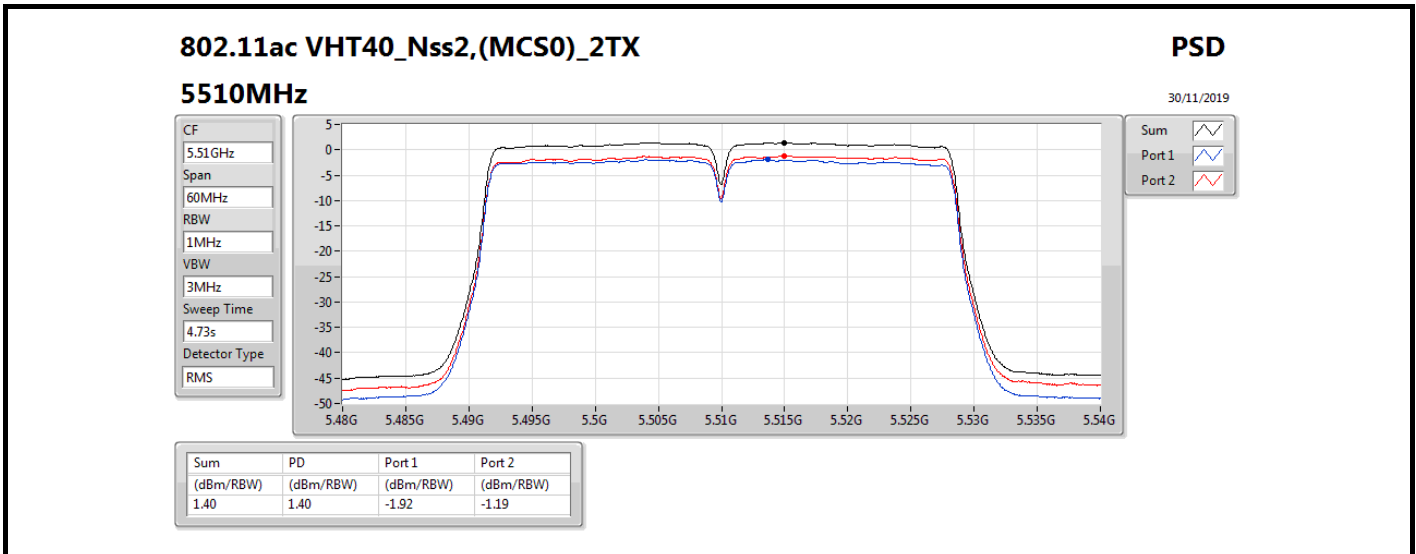


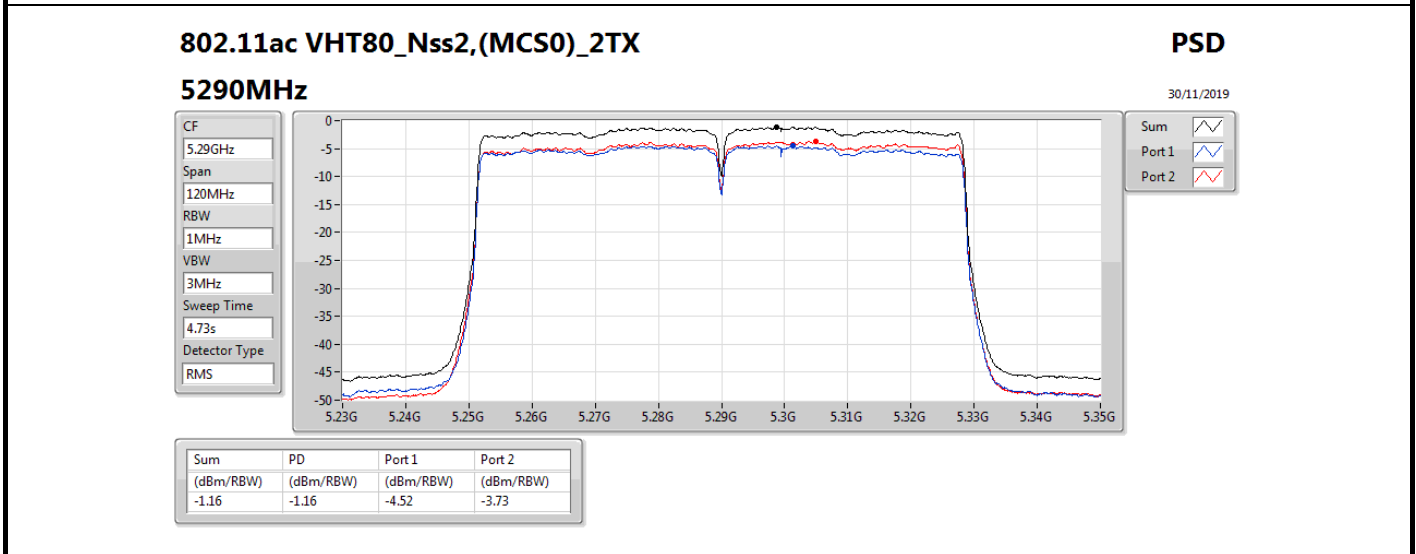
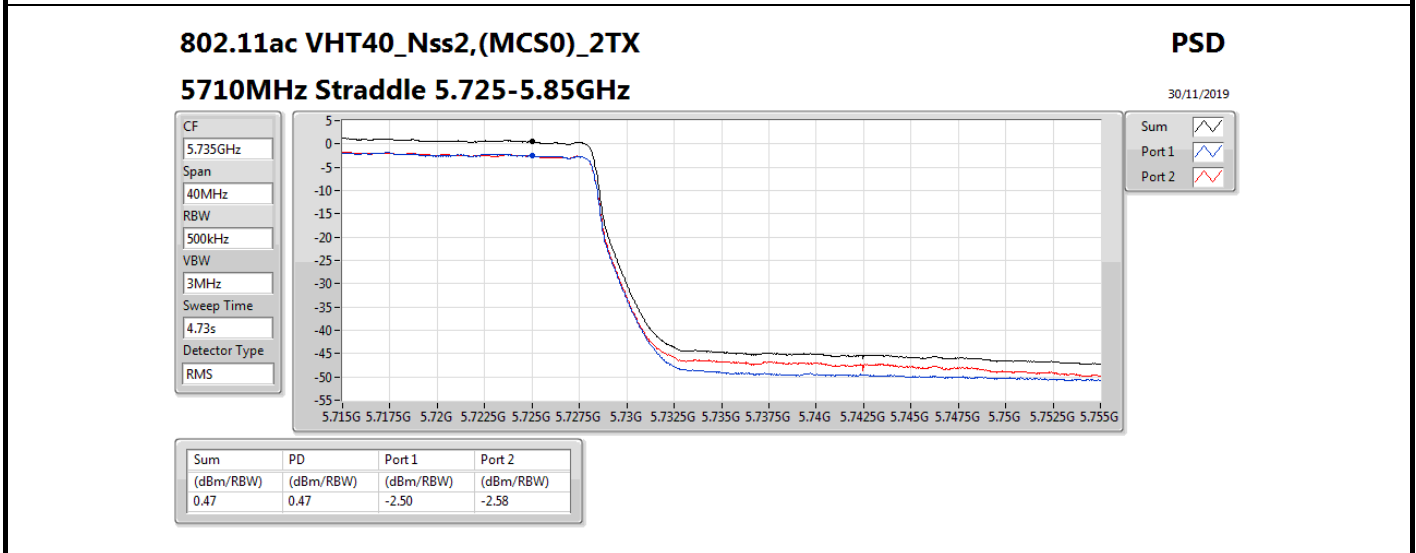
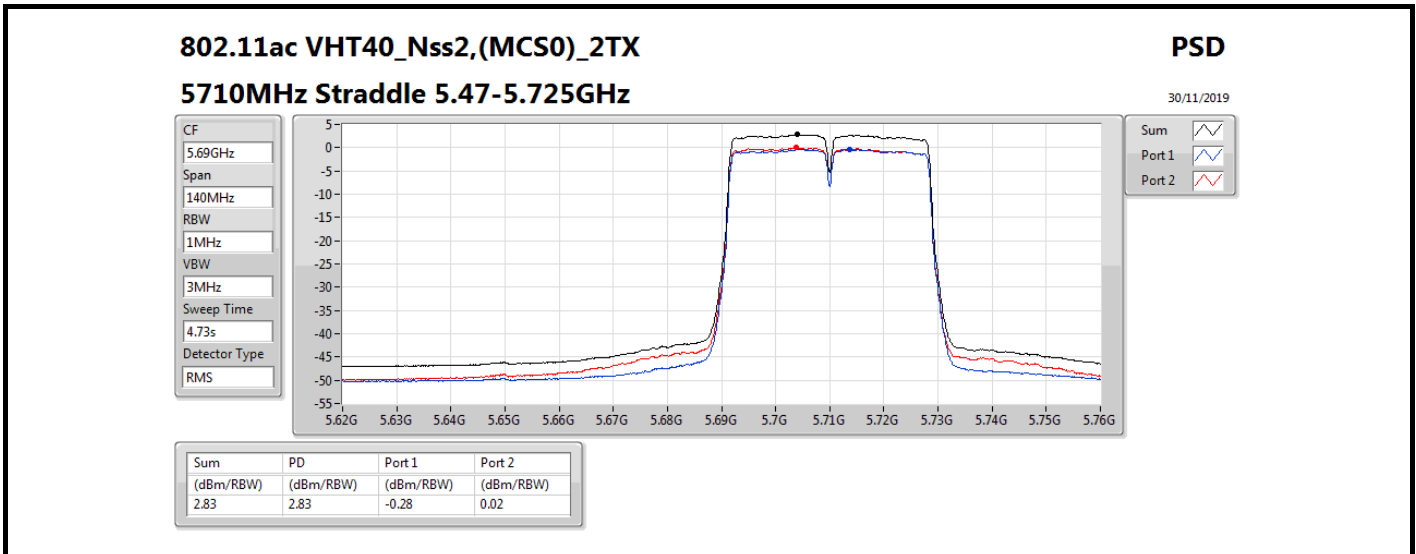


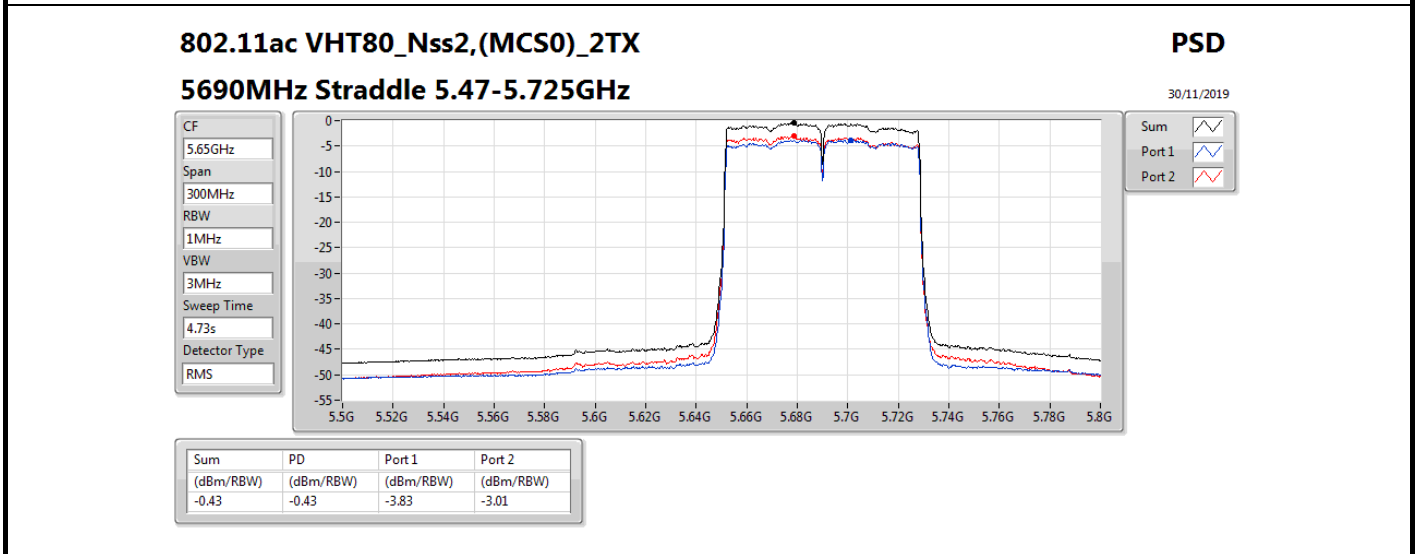
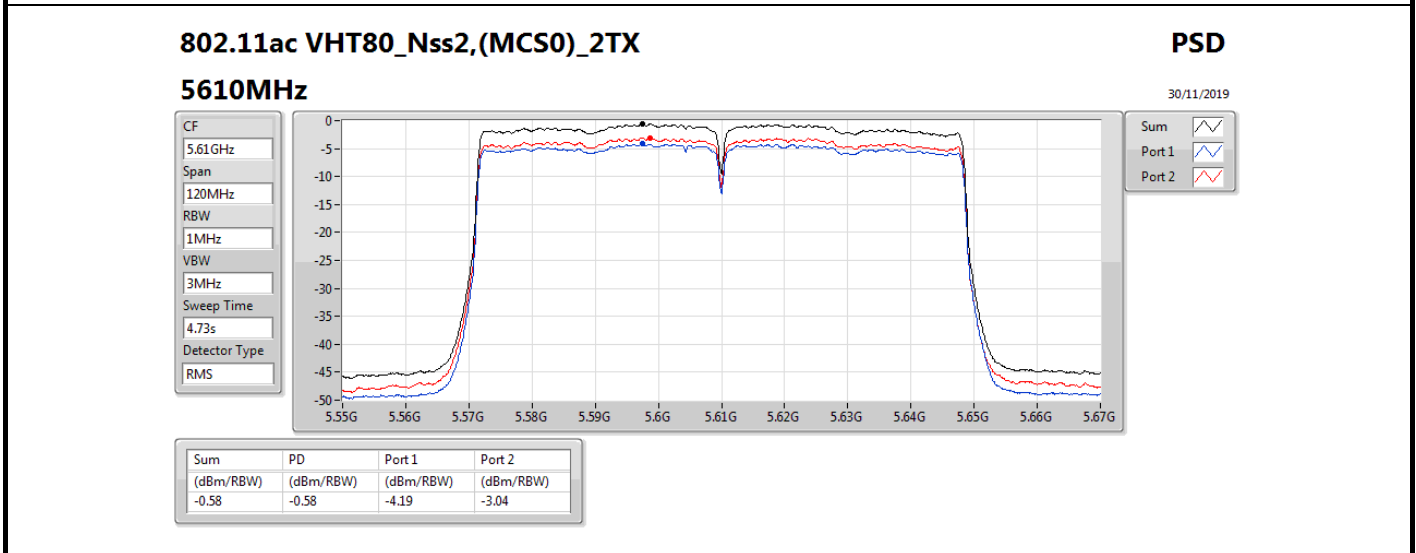
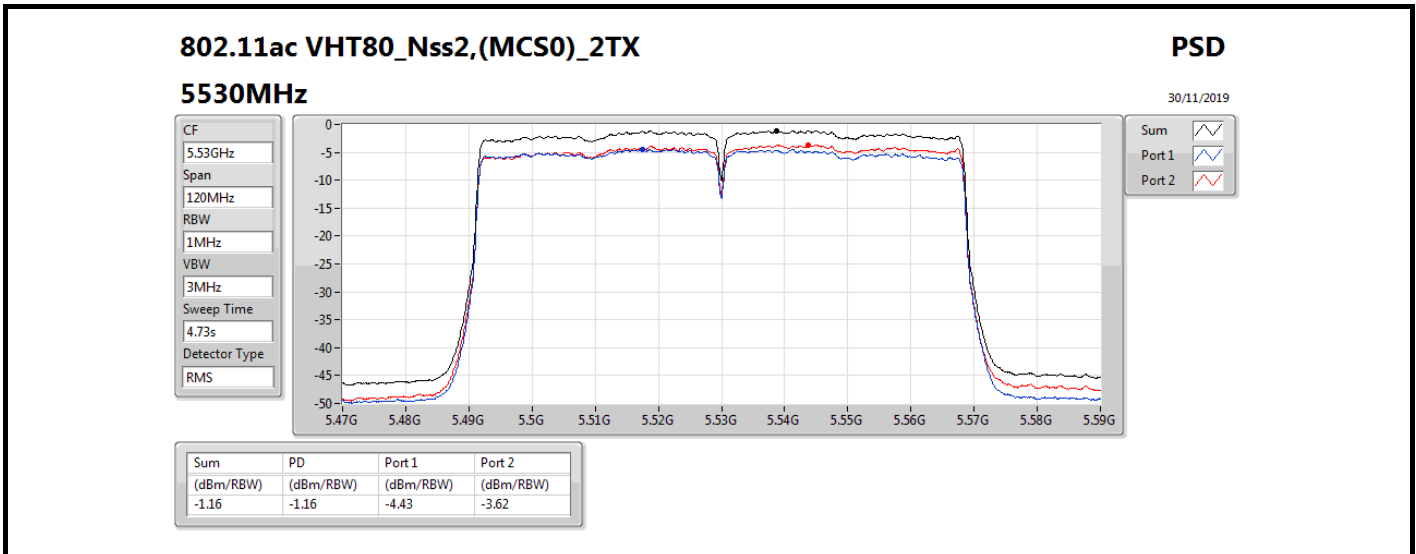


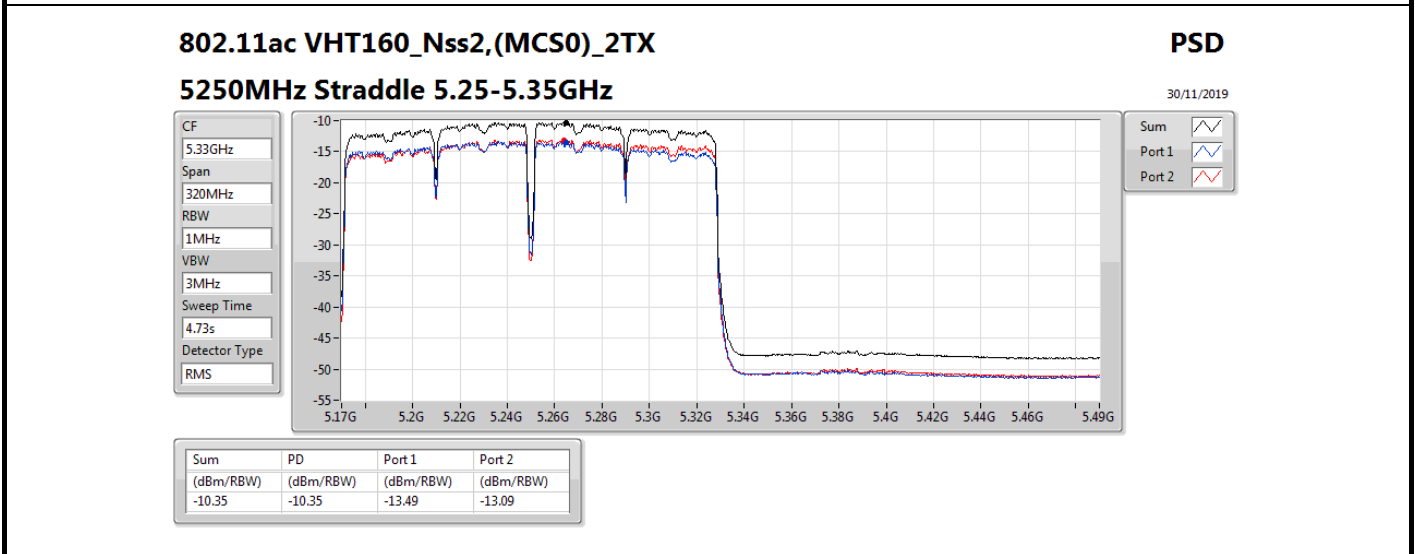
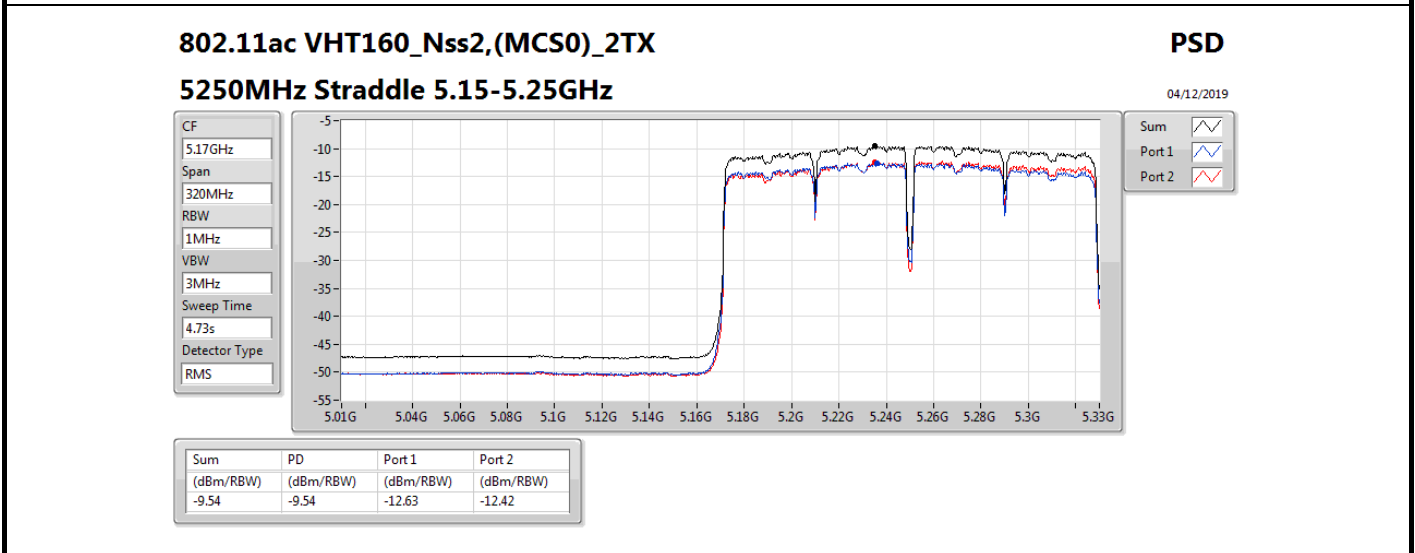
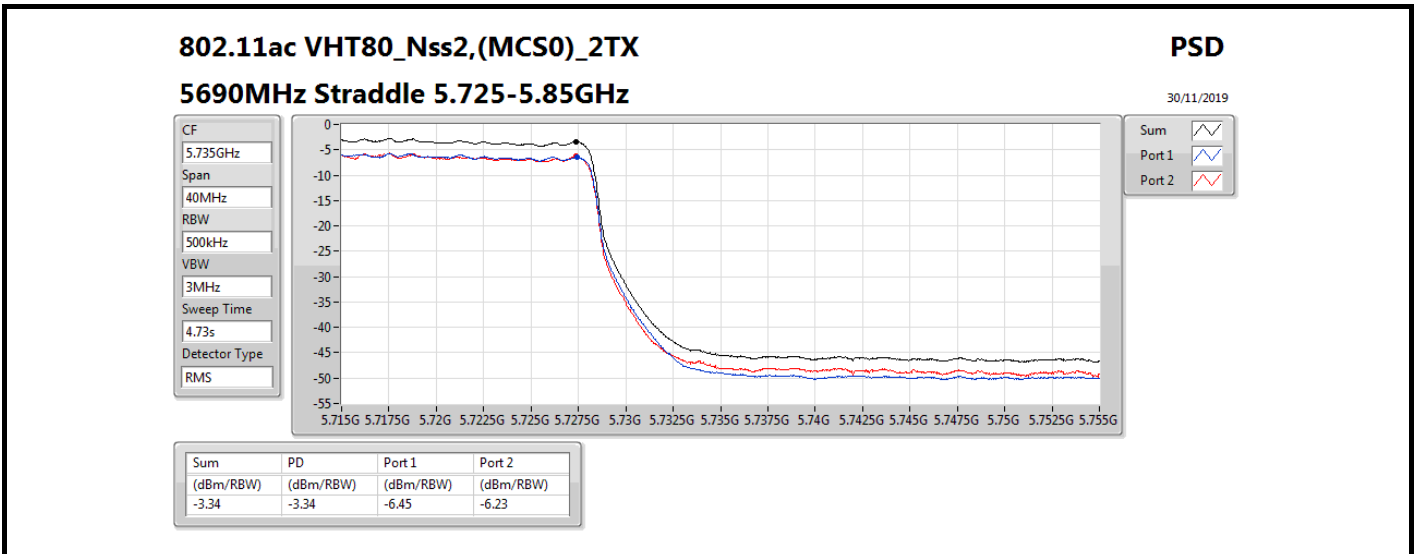












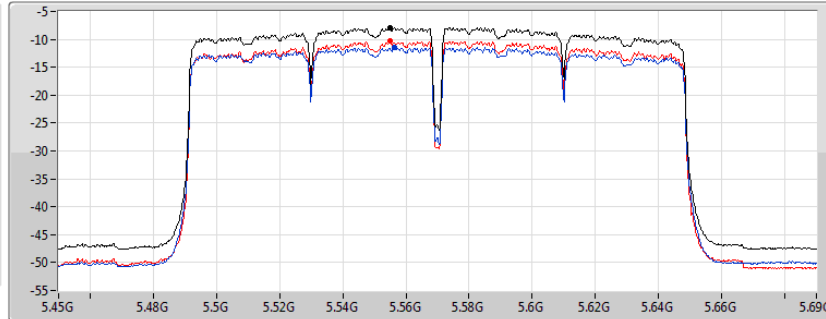
802.11ac VHT160_Nss2,(MCS0)_2TX

PSD

5570MHz

30/11/2019

CF
5.57GHz
Span
240MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.73s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.90	-7.90	-11.46	-10.30

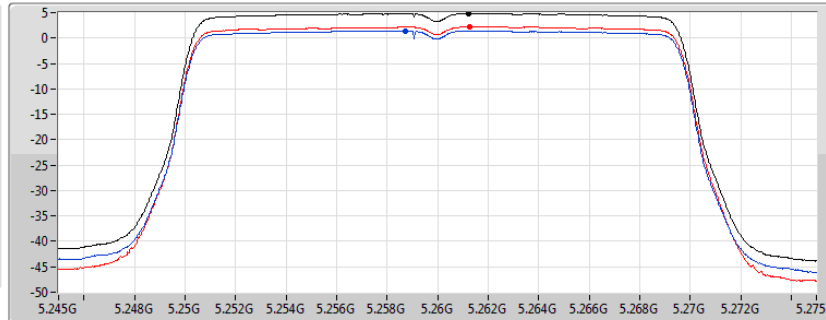
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5260MHz

30/11/2019

CF
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.73s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.82	4.82	1.42	2.20

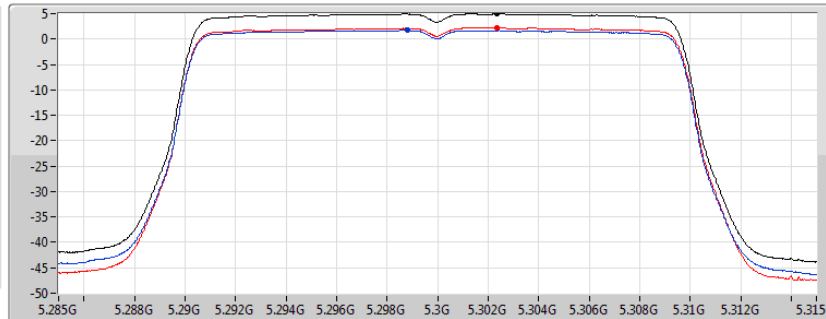
802.11ax HEW20_Nss2,(MCS0)_2TX

PSD

5300MHz

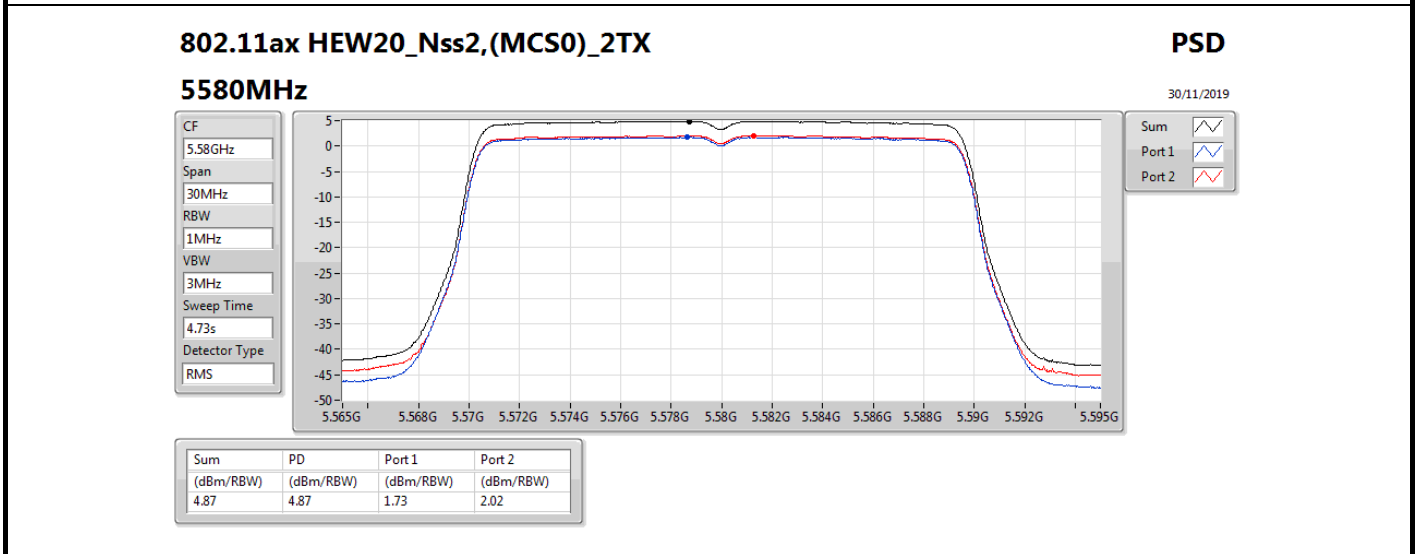
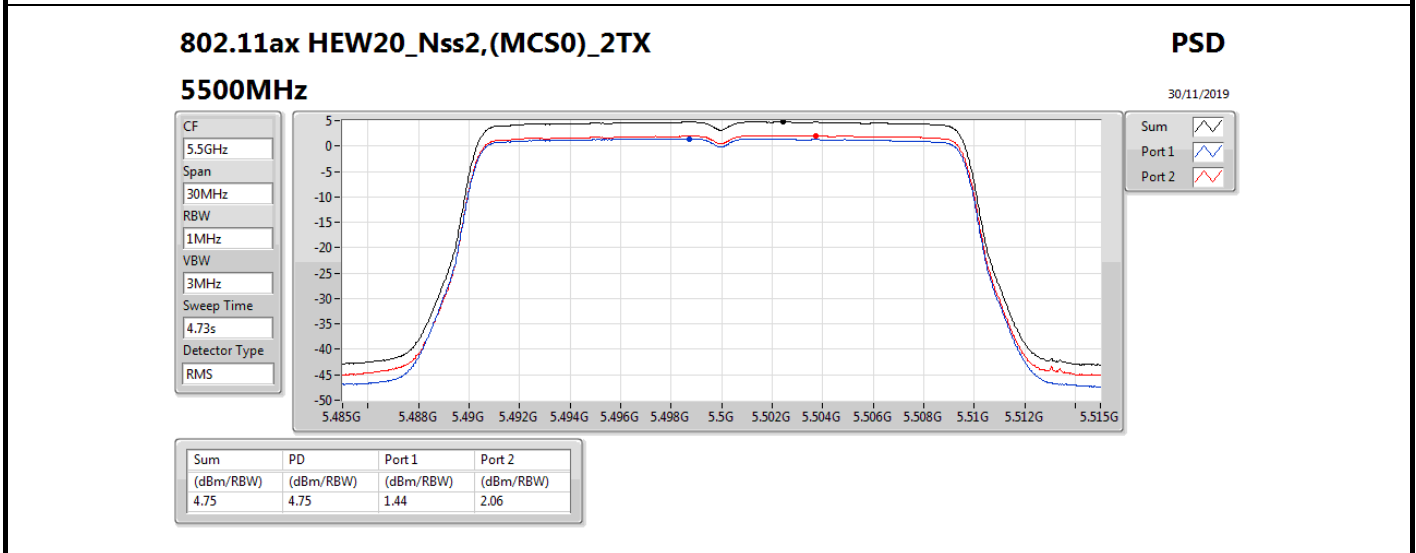
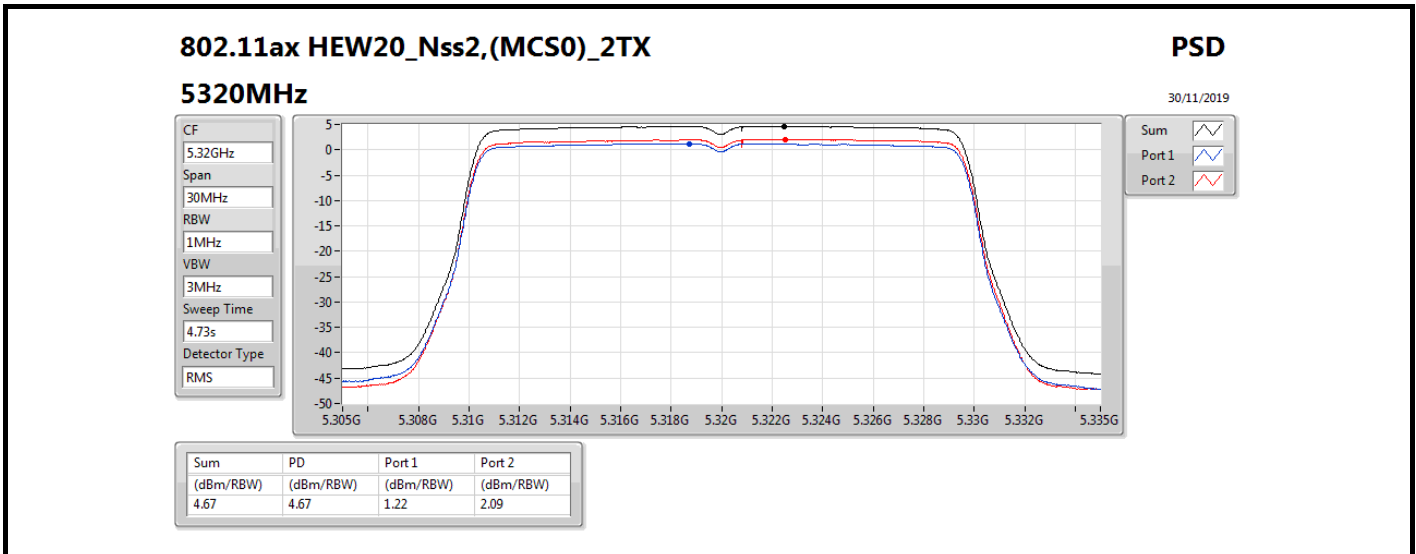
30/11/2019

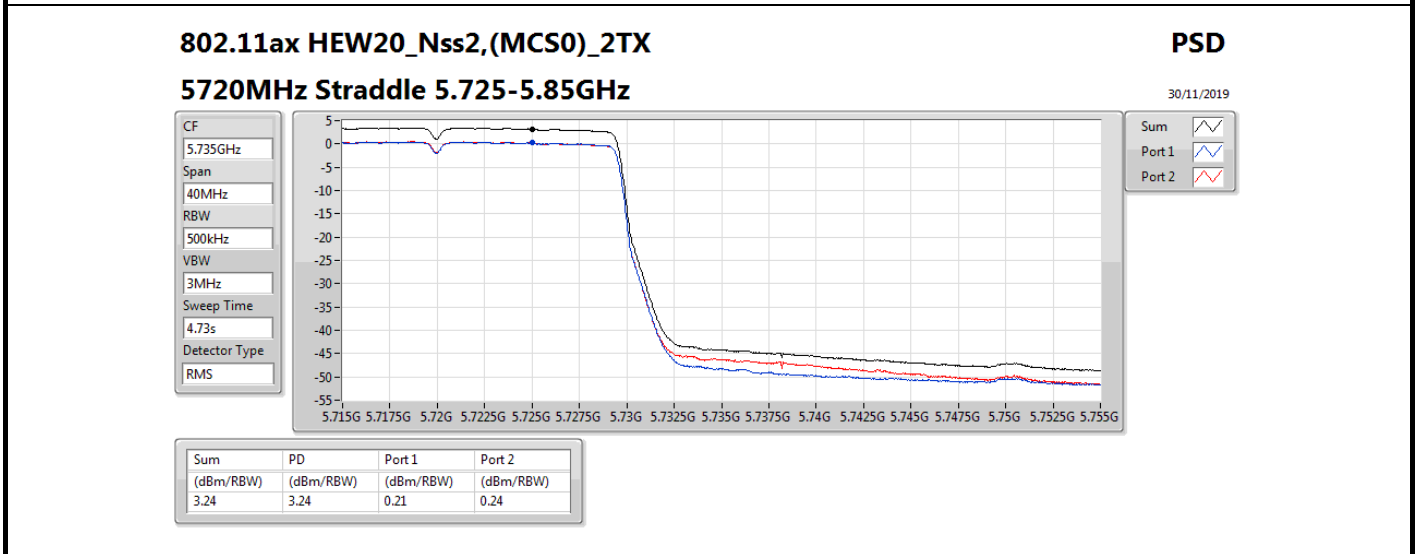
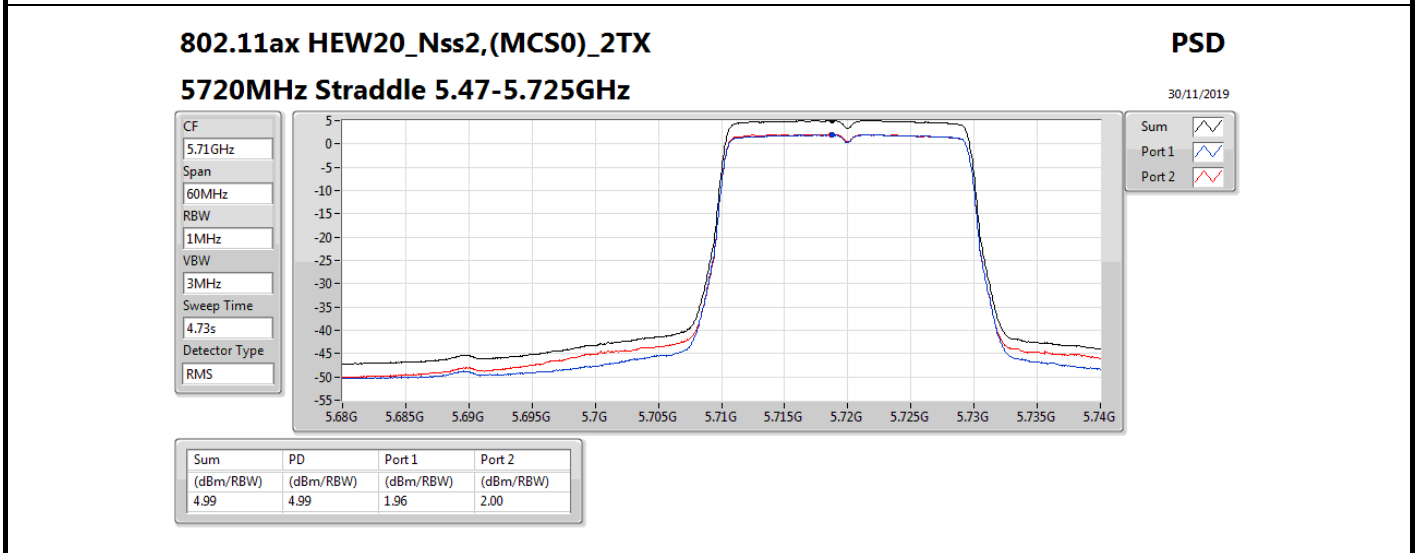
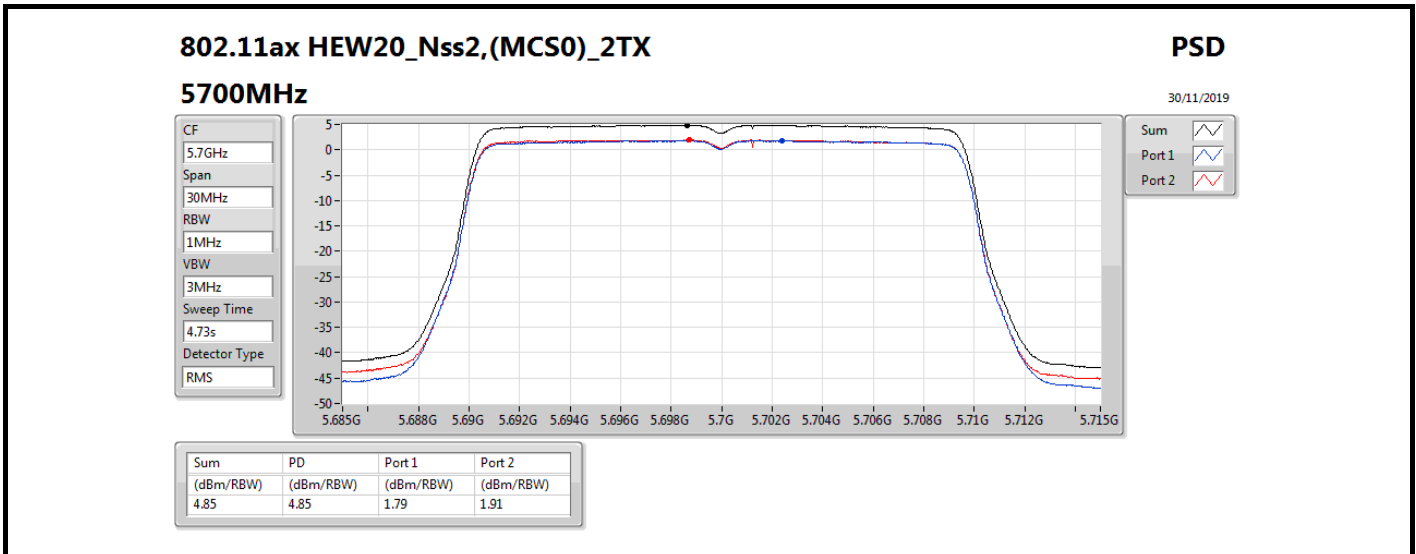
CF
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.73s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.94	4.94	1.70	2.20



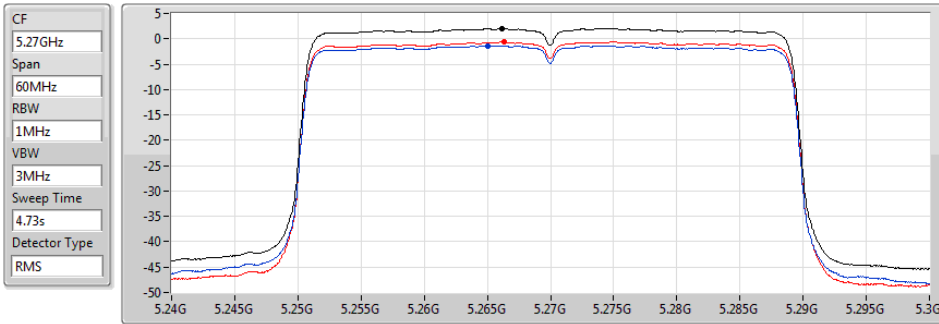


802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5270MHz

30/11/2019



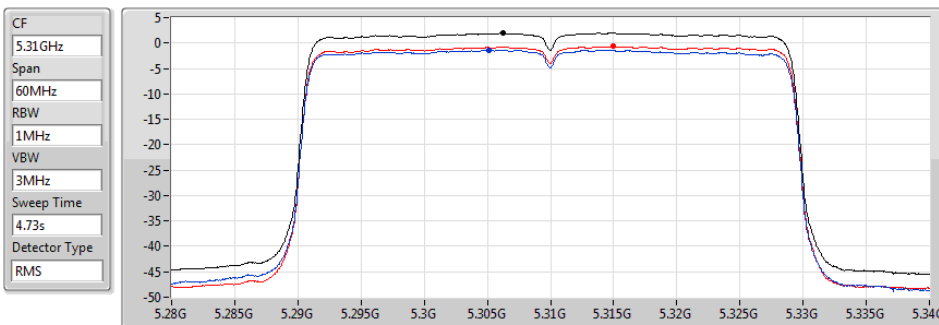
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.03	2.03	-1.37	-0.60

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5310MHz

30/11/2019



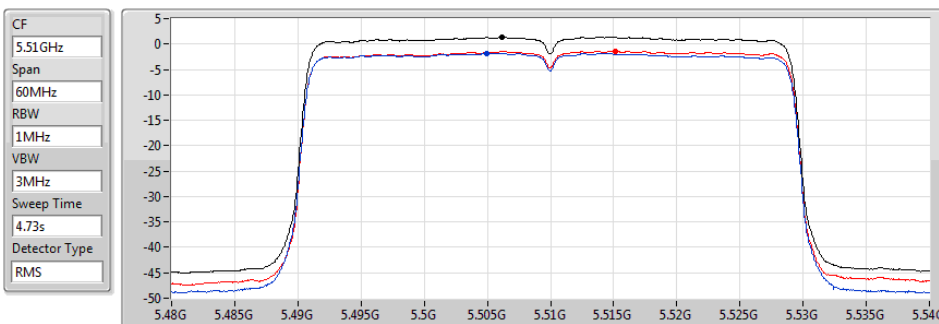
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.95	1.95	-1.40	-0.67

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5510MHz

30/11/2019



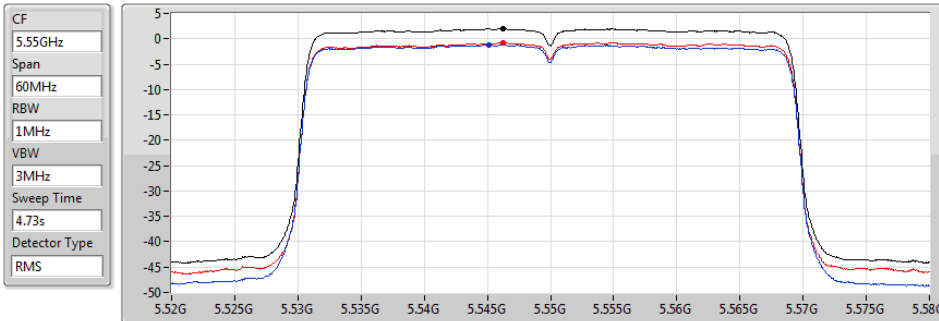
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.35	1.35	-1.82	-1.40

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5550MHz

30/11/2019



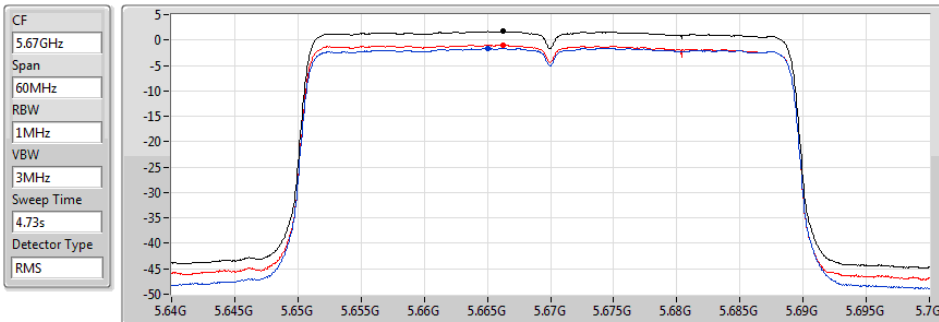
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.02	2.02	-1.19	-0.75

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5670MHz

30/11/2019



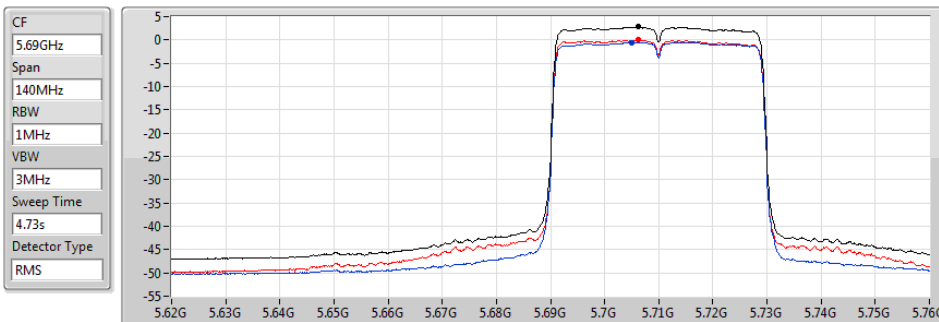
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.72	1.72	-1.61	-0.93

802.11ax HEW40_Nss2,(MCS0)_2TX

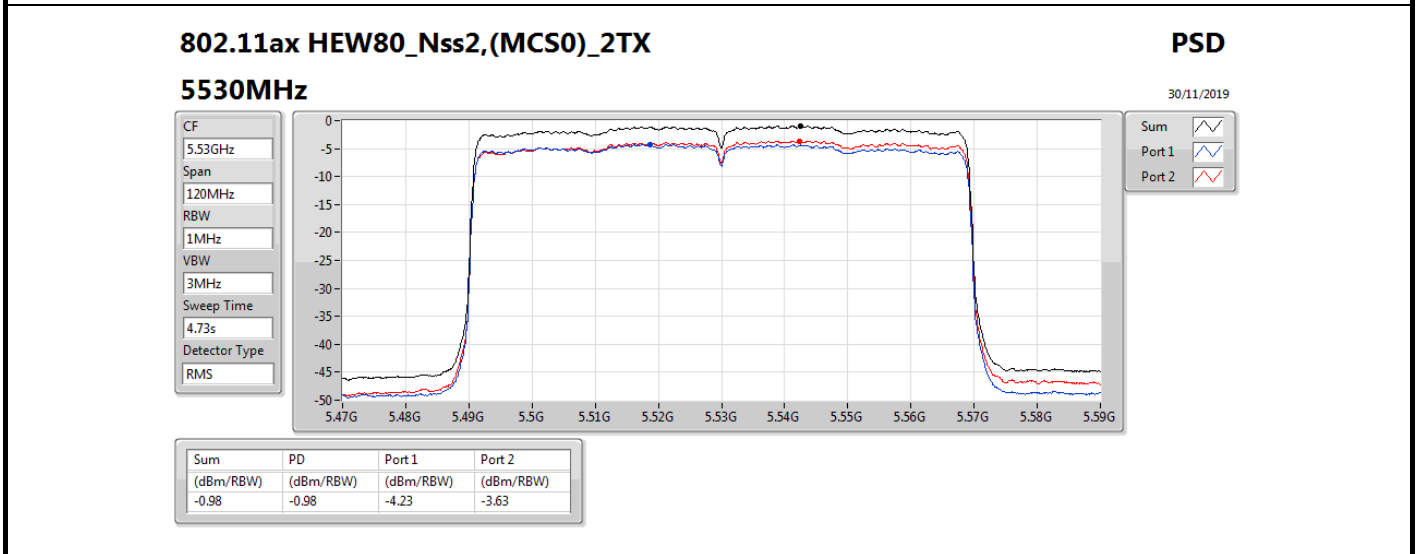
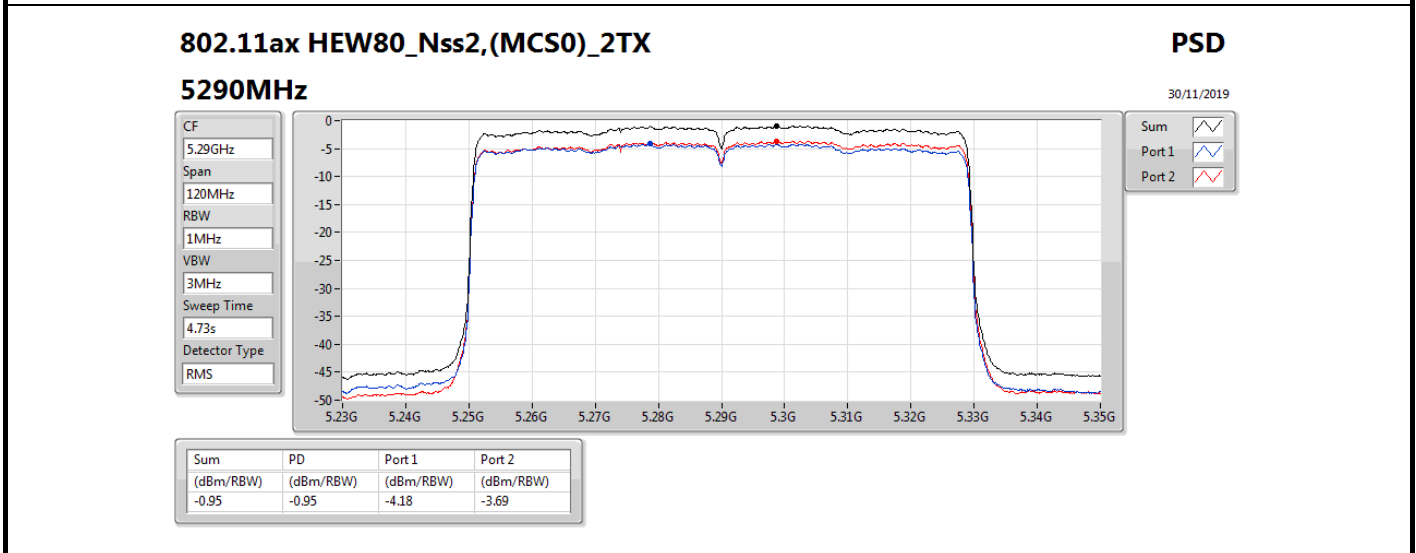
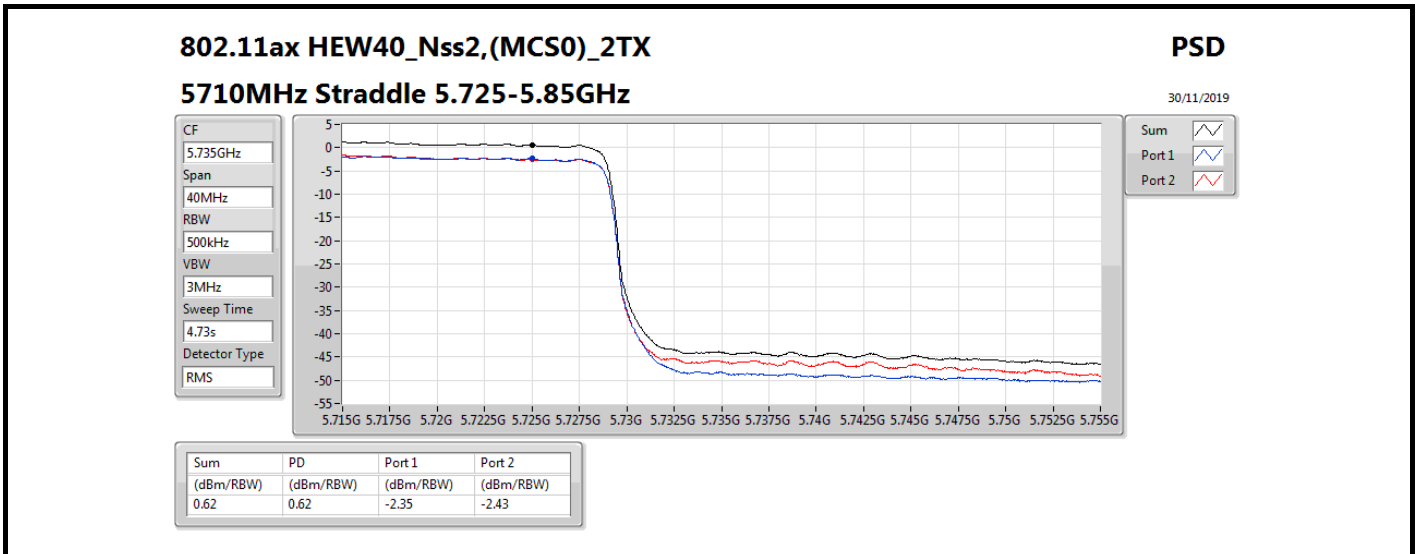
PSD

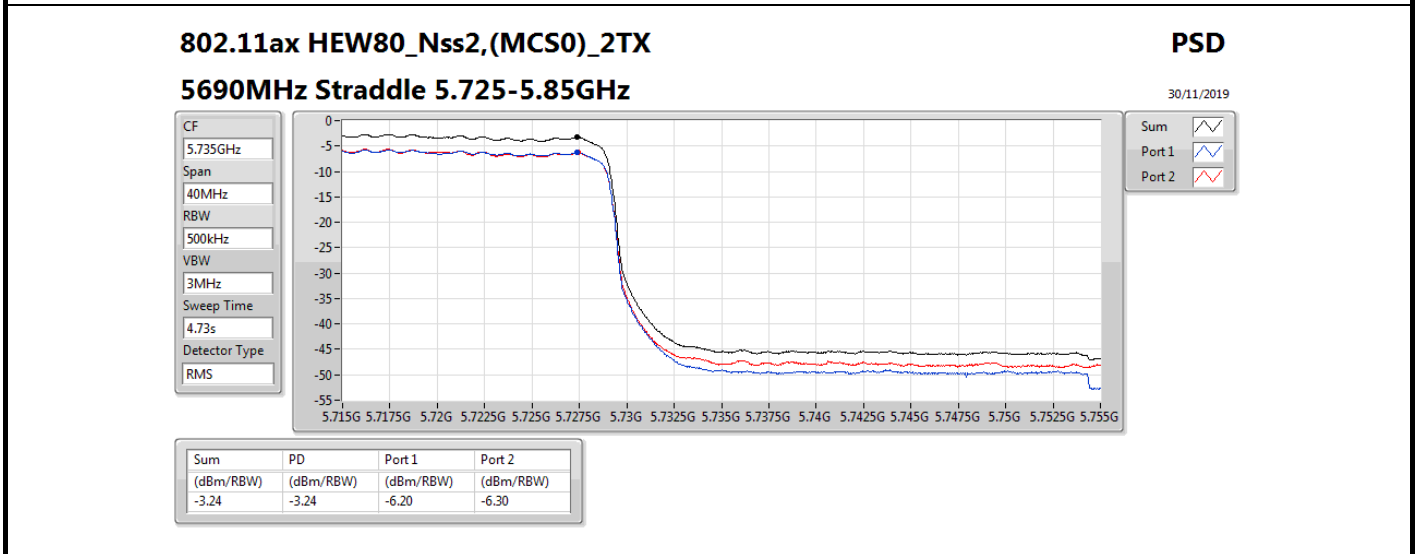
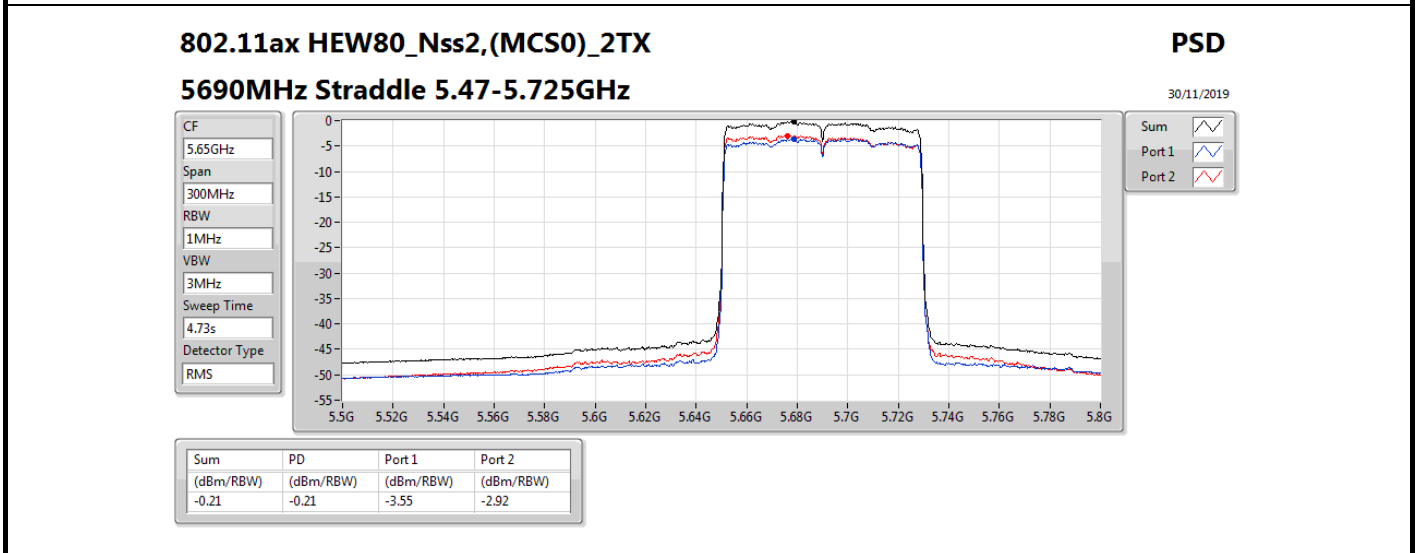
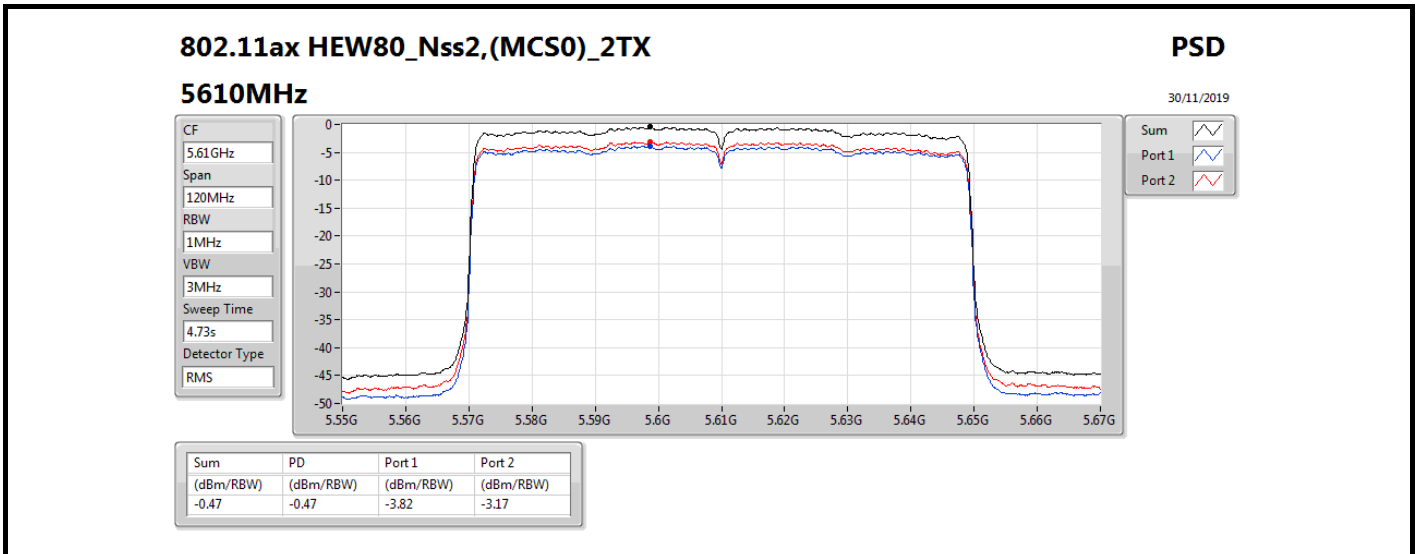
5710MHz Straddle 5.47-5.725GHz

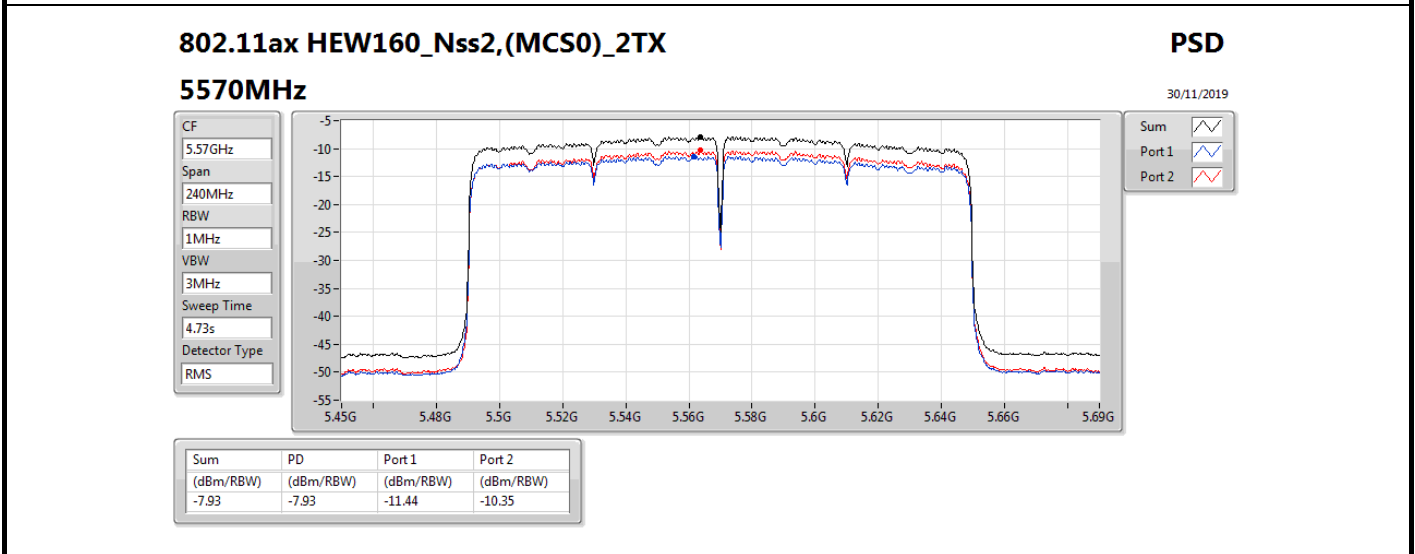
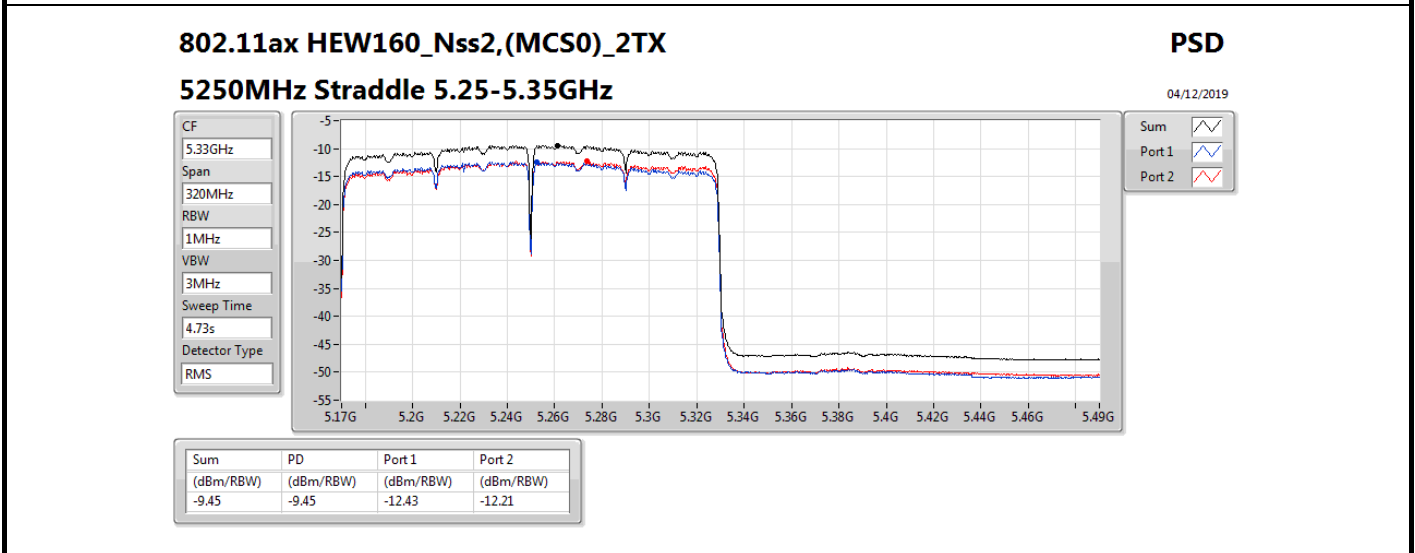
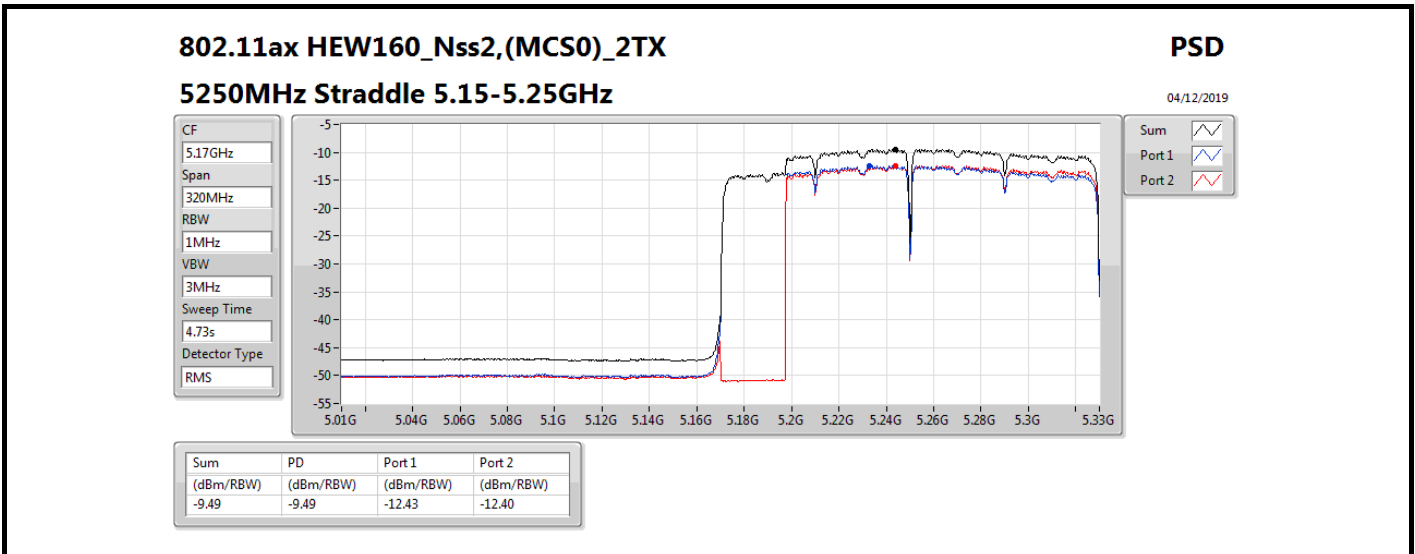
30/11/2019



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.78	2.78	-0.51	0.03









Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss1,(MCS0)_4TX	-7.77	8.95
802.11ax HEW160_Nss1,(MCS0)_4TX	-8.18	8.54
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	0.22	16.94
802.11ac VHT20_Nss1,(MCS0)_4TX	0.27	16.99
802.11ac VHT40_Nss1,(MCS0)_4TX	0.18	16.90
802.11ac VHT80_Nss1,(MCS0)_4TX	-0.75	15.97
802.11ac VHT160_Nss1,(MCS0)_4TX	-7.82	8.90
802.11ax HEW20_Nss1,(MCS0)_4TX	0.20	16.92
802.11ax HEW40_Nss1,(MCS0)_4TX	0.22	16.94
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.60	16.12
802.11ax HEW160_Nss1,(MCS0)_4TX	-7.53	9.19
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	0.27	16.99
802.11ac VHT20_Nss1,(MCS0)_4TX	0.20	16.92
802.11ac VHT40_Nss1,(MCS0)_4TX	0.25	16.97
802.11ac VHT80_Nss1,(MCS0)_4TX	-0.61	16.11
802.11ac VHT160_Nss1,(MCS0)_4TX	-5.31	11.41
802.11ax HEW20_Nss1,(MCS0)_4TX	0.16	16.88
802.11ax HEW40_Nss1,(MCS0)_4TX	0.25	16.97
802.11ax HEW80_Nss1,(MCS0)_4TX	-0.45	16.27
802.11ax HEW160_Nss1,(MCS0)_4TX	-5.12	11.60
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_4TX	-1.47	15.25
802.11ac VHT20_Nss1,(MCS0)_4TX	-1.70	15.02
802.11ac VHT40_Nss1,(MCS0)_4TX	-2.27	14.45
802.11ac VHT80_Nss1,(MCS0)_4TX	-3.61	13.11
802.11ax HEW20_Nss1,(MCS0)_4TX	-1.82	14.90
802.11ax HEW40_Nss1,(MCS0)_4TX	-2.18	14.54
802.11ax HEW80_Nss1,(MCS0)_4TX	-3.31	13.41

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



Result

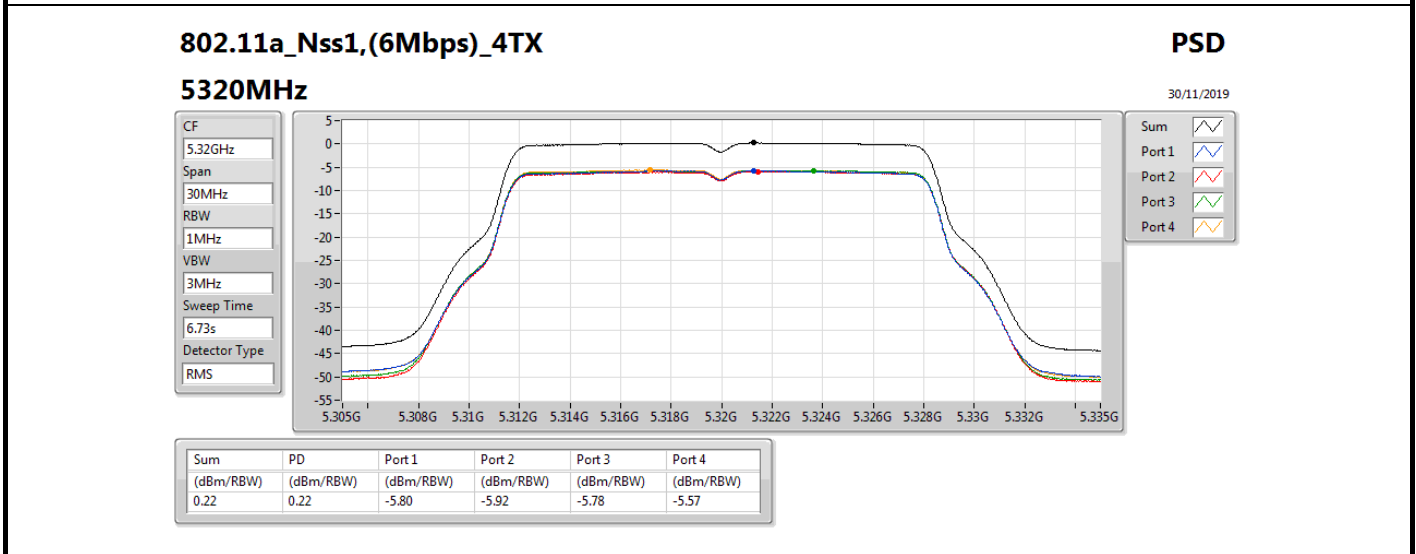
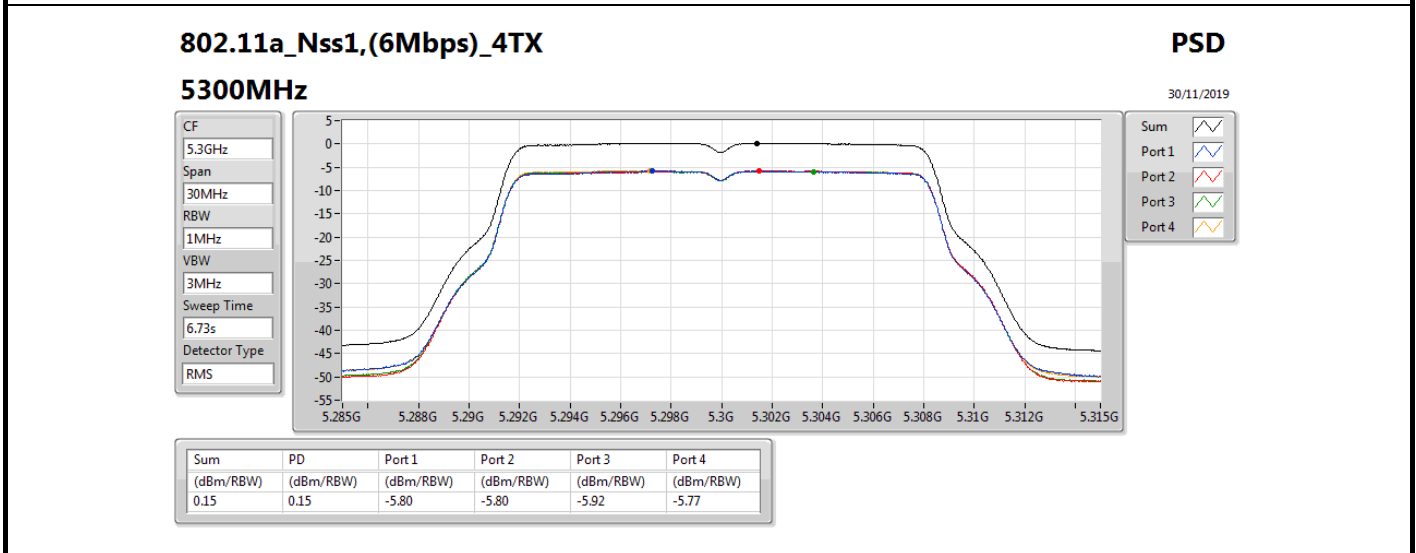
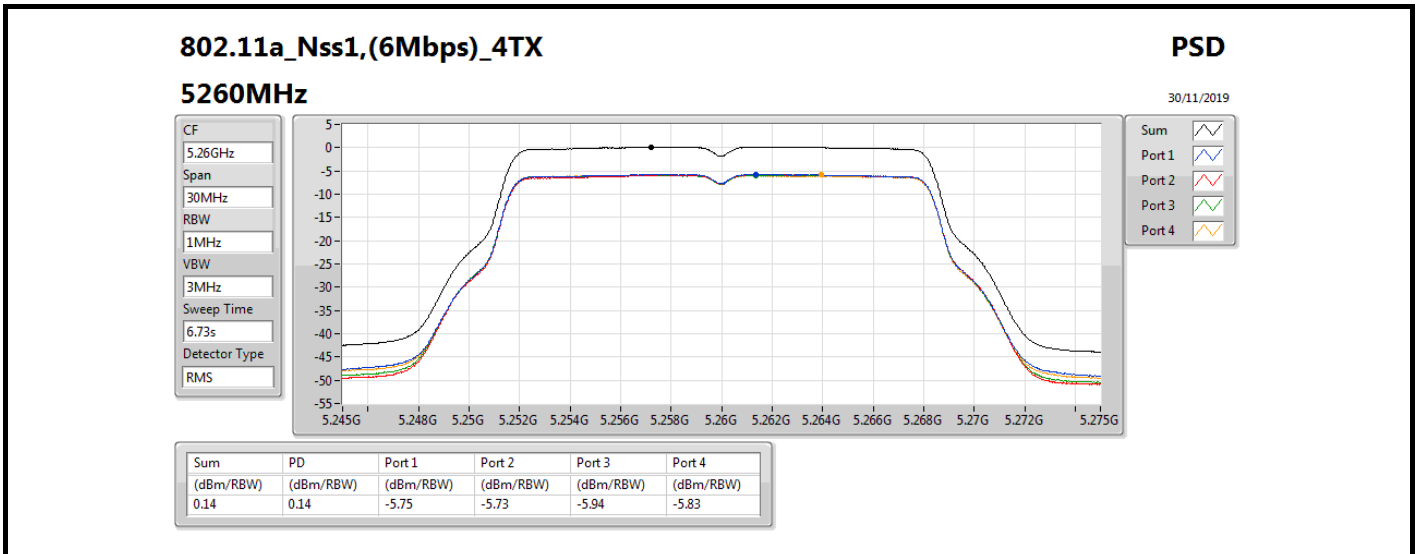
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	16.72	-5.75	-5.73	-5.94	-5.83	0.14	0.28	16.86	17.00
5300MHz_TnomVnom	Pass	16.72	-5.80	-5.80	-5.92	-5.77	0.15	0.28	16.87	17.00
5320MHz_TnomVnom	Pass	16.72	-5.80	-5.92	-5.78	-5.57	0.22	0.28	16.94	17.00
5500MHz_TnomVnom	Pass	16.72	-5.44	-5.73	-5.62	-6.04	0.26	0.28	16.98	17.00
5580MHz_TnomVnom	Pass	16.72	-5.54	-5.86	-5.58	-5.89	0.27	0.28	16.99	17.00
5700MHz_TnomVnom	Pass	16.72	-5.61	-6.33	-5.75	-5.11	0.20	0.28	16.92	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	16.72	-5.65	-6.04	-5.79	-5.51	0.17	0.28	16.89	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	16.72	-7.52	-7.63	-7.53	-7.24	-1.47	19.28	15.25	36.00
802.11ac VHT20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	16.72	-5.81	-5.64	-5.69	-5.72	0.27	0.28	16.99	17.00
5300MHz_TnomVnom	Pass	16.72	-5.83	-5.86	-5.86	-5.62	0.19	0.28	16.91	17.00
5320MHz_TnomVnom	Pass	16.72	-5.82	-5.87	-5.90	-5.76	0.13	0.28	16.85	17.00
5500MHz_TnomVnom	Pass	16.72	-5.87	-5.57	-5.89	-6.29	0.11	0.28	16.83	17.00
5580MHz_TnomVnom	Pass	16.72	-5.77	-5.61	-5.72	-6.03	0.20	0.28	16.92	17.00
5700MHz_TnomVnom	Pass	16.72	-5.83	-5.87	-5.76	-5.56	0.16	0.28	16.88	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	16.72	-5.83	-5.99	-5.72	-5.63	0.13	0.28	16.85	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	16.72	-7.77	-7.95	-7.56	-7.49	-1.70	19.28	15.02	36.00
802.11ac VHT40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	16.72	-5.89	-6.06	-5.83	-5.84	0.09	0.28	16.81	17.00
5310MHz_TnomVnom	Pass	16.72	-5.80	-5.96	-5.72	-5.73	0.18	0.28	16.90	17.00
5510MHz_TnomVnom	Pass	16.72	-5.94	-5.64	-5.79	-5.95	0.13	0.28	16.85	17.00
5550MHz_TnomVnom	Pass	16.72	-6.05	-5.92	-6.05	-5.90	-0.00	0.28	16.72	17.00
5670MHz_TnomVnom	Pass	16.72	-5.76	-5.61	-5.57	-5.71	0.25	0.28	16.97	17.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	16.72	-5.84	-6.03	-5.81	-5.78	0.07	0.28	16.79	17.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	16.72	-8.29	-8.70	-7.94	-8.13	-2.27	19.28	14.45	36.00
802.11ac VHT80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	16.72	-6.55	-6.84	-6.77	-6.84	-0.75	0.28	15.97	17.00
5530MHz_TnomVnom	Pass	16.72	-7.14	-7.00	-6.97	-6.84	-1.02	0.28	15.70	17.00
5610MHz_TnomVnom	Pass	16.72	-7.07	-6.74	-6.61	-6.58	-0.88	0.28	15.84	17.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	16.72	-6.73	-6.57	-6.56	-6.16	-0.61	0.28	16.11	17.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	16.72	-9.69	-10.08	-8.96	-9.64	-3.61	19.28	13.11	36.00
802.11ac VHT160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz_TnomVnom	Pass	16.72	-13.63	-14.16	-13.66	-13.54	-7.77	6.28	8.95	23.00
5250MHz Straddle 5.25-5.35GHz_TnomVnom	Pass	16.72	-13.66	-14.27	-13.67	-13.66	-7.82	0.28	8.90	17.00
5570MHz_TnomVnom	Pass	16.72	-11.75	-10.93	-11.43	-10.85	-5.31	0.28	11.41	17.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	16.72	-5.73	-5.90	-5.77	-5.72	0.19	0.28	16.91	17.00
5300MHz_TnomVnom	Pass	16.72	-5.79	-6.07	-5.81	-5.71	0.15	0.28	16.87	17.00
5320MHz_TnomVnom	Pass	16.72	-5.76	-5.94	-5.70	-5.72	0.20	0.28	16.92	17.00
5500MHz_TnomVnom	Pass	16.72	-5.82	-5.49	-5.87	-6.14	0.16	0.28	16.88	17.00
5580MHz_TnomVnom	Pass	16.72	-5.81	-5.73	-5.90	-6.11	0.11	0.28	16.83	17.00
5700MHz_TnomVnom	Pass	16.72	-5.66	-6.03	-5.76	-5.70	0.11	0.28	16.83	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	16.72	-5.79	-6.06	-5.88	-5.74	0.05	0.28	16.77	17.00

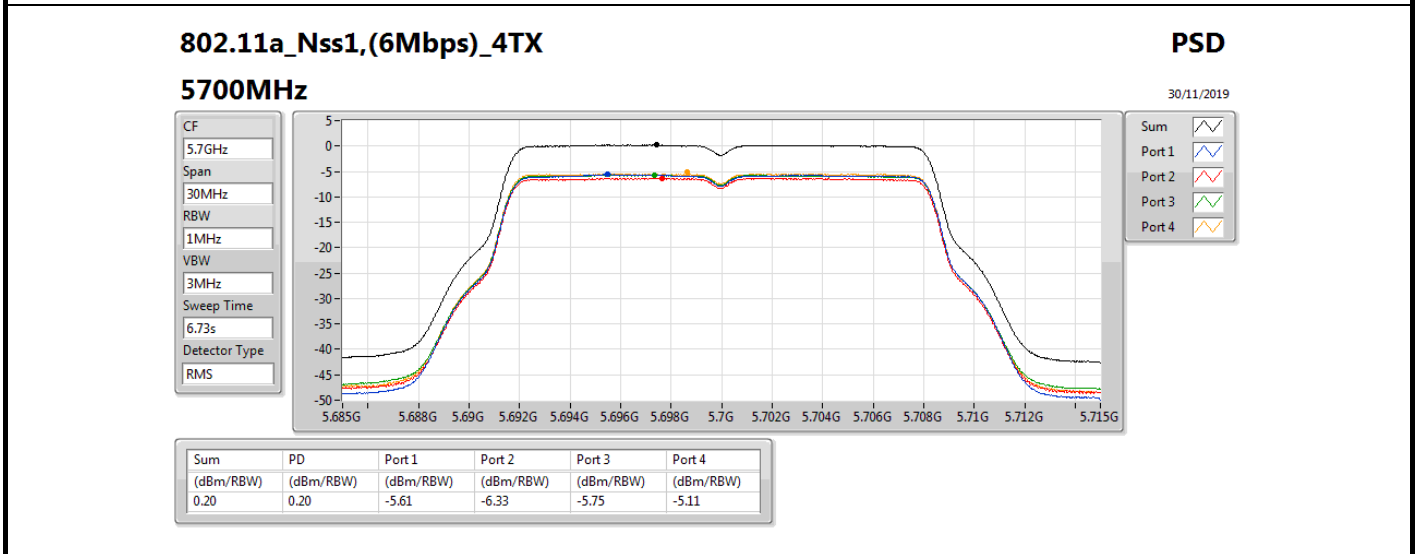
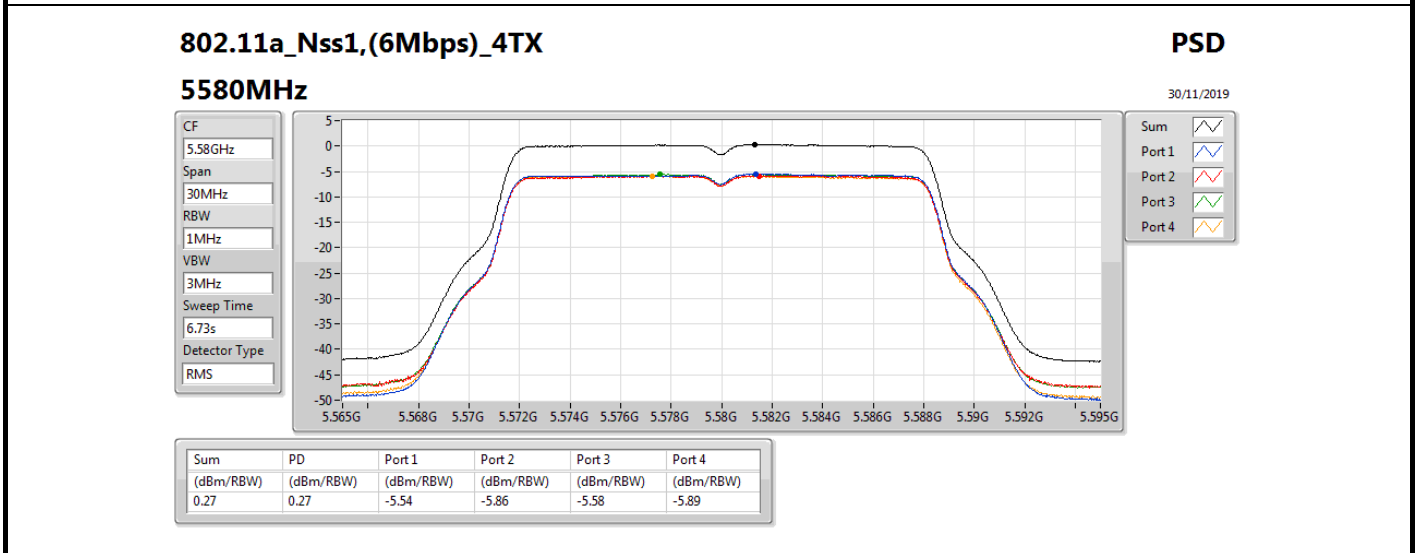
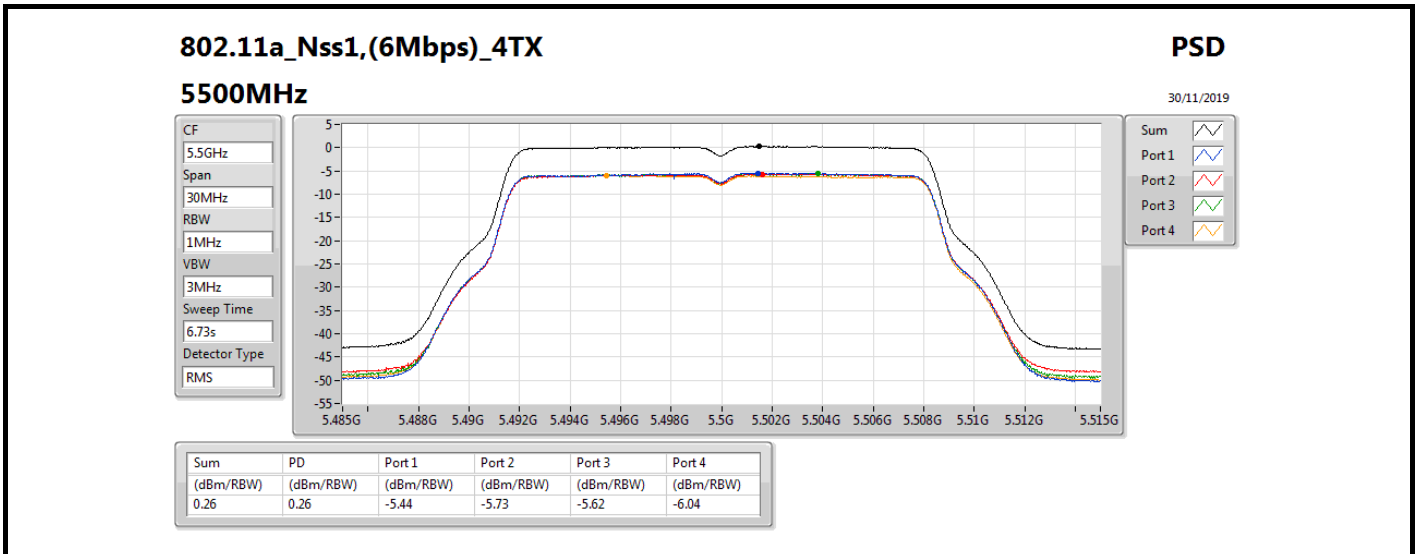


Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	16.72	-7.90	-8.06	-7.69	-7.54	-1.82	19.28	14.90	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	16.72	-5.64	-6.02	-5.79	-5.79	0.16	0.28	16.88	17.00
5310MHz_TnomVnom	Pass	16.72	-5.68	-5.87	-5.71	-5.75	0.22	0.28	16.94	17.00
5510MHz_TnomVnom	Pass	16.72	-5.84	-5.90	-5.88	-5.74	0.13	0.28	16.85	17.00
5550MHz_TnomVnom	Pass	16.72	-6.03	-6.04	-5.92	-5.90	0.03	0.28	16.75	17.00
5670MHz_TnomVnom	Pass	16.72	-5.87	-5.82	-5.62	-5.54	0.25	0.28	16.97	17.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	16.72	-5.89	-6.17	-5.72	-5.57	0.12	0.28	16.84	17.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	16.72	-8.14	-8.71	-7.82	-7.99	-2.18	19.28	14.54	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	16.72	-6.53	-6.77	-6.65	-6.43	-0.60	0.28	16.12	17.00
5530MHz_TnomVnom	Pass	16.72	-7.11	-6.80	-6.96	-6.81	-0.91	0.28	15.81	17.00
5610MHz_TnomVnom	Pass	16.72	-7.03	-6.46	-6.47	-6.43	-0.70	0.28	16.02	17.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	16.72	-6.61	-6.32	-6.32	-6.10	-0.45	0.28	16.27	17.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	16.72	-9.26	-10.01	-8.88	-9.22	-3.31	19.28	13.41	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz_TnomVnom	Pass	16.72	-13.88	-14.71	-13.98	-14.01	-8.18	6.28	8.54	23.00
5250MHz Straddle 5.25-5.35GHz_TnomVnom	Pass	16.72	-13.46	-13.97	-13.43	-13.38	-7.53	0.28	9.19	17.00
5570MHz_TnomVnom	Pass	16.72	-11.56	-10.72	-11.12	-11.00	-5.12	0.28	11.60	17.00

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

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

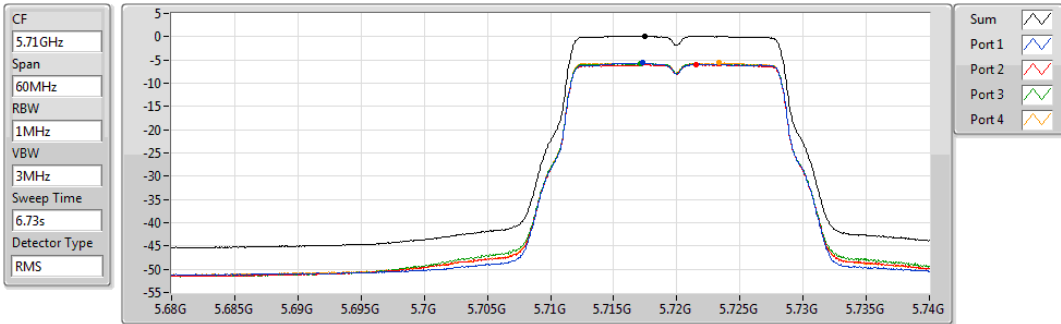




802.11a_Nss1,(6Mbps)_4TX
5720MHz Straddle 5.47-5.725GHz

PSD

30/11/2019

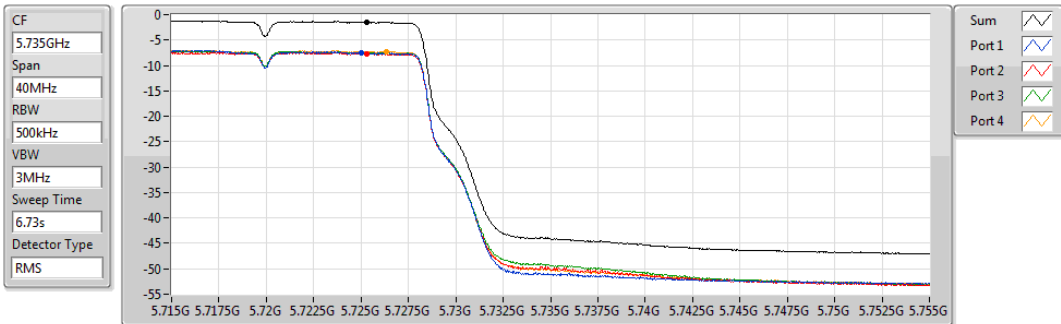


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.17	0.17	-5.65	-6.04	-5.79	-5.51

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

PSD

30/11/2019

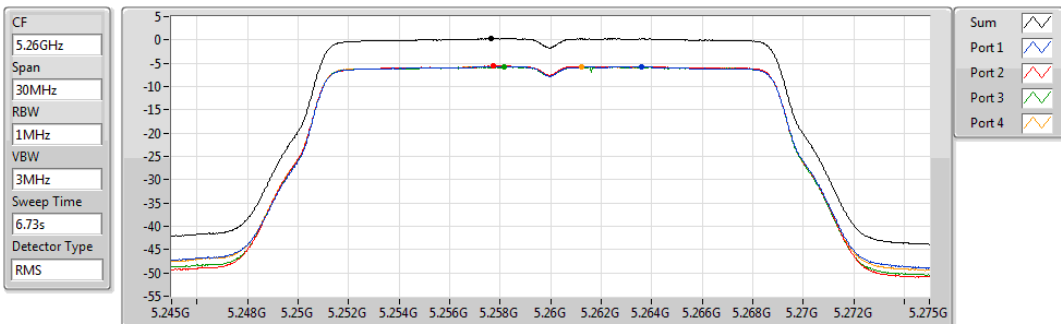


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.47	-1.47	-7.52	-7.63	-7.53	-7.24

802.11ac VHT20_Nss1,(MCS0)_4TX
5260MHz

PSD

30/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.27	0.27	-5.81	-5.64	-5.69	-5.72

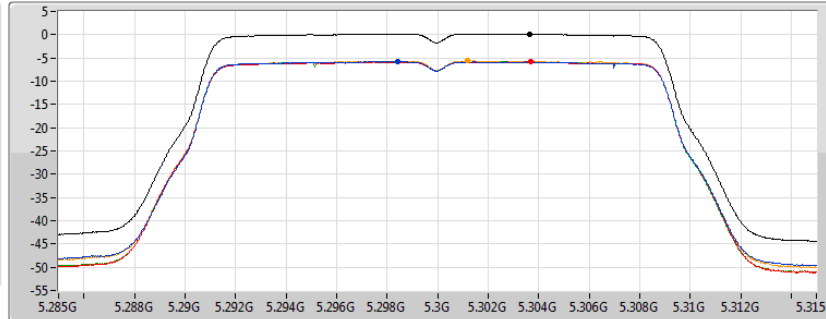
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5300MHz

30/11/2019

CF 5.3GHz
 Span 30MHz
 RBW 1MHz
 VBW 3MHz
 Sweep Time 6.73s
 Detector Type RMS



Sum
 Port 1
 Port 2
 Port 3
 Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.19	0.19	-5.83	-5.86	-5.86	-5.62

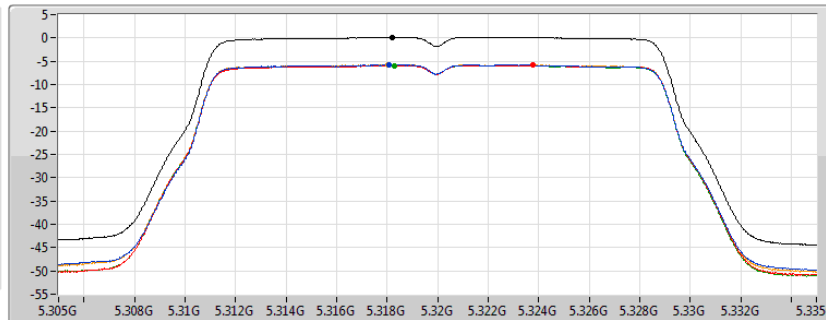
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5320MHz

30/11/2019

CF 5.32GHz
 Span 30MHz
 RBW 1MHz
 VBW 3MHz
 Sweep Time 6.73s
 Detector Type RMS



Sum
 Port 1
 Port 2
 Port 3
 Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.13	0.13	-5.82	-5.87	-5.90	-5.76

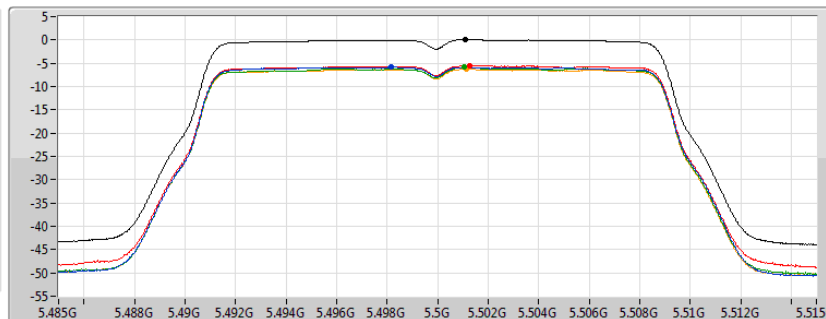
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5500MHz

30/11/2019

CF 5.5GHz
 Span 30MHz
 RBW 1MHz
 VBW 3MHz
 Sweep Time 6.73s
 Detector Type RMS



Sum
 Port 1
 Port 2
 Port 3
 Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.11	0.11	-5.87	-5.57	-5.89	-6.29

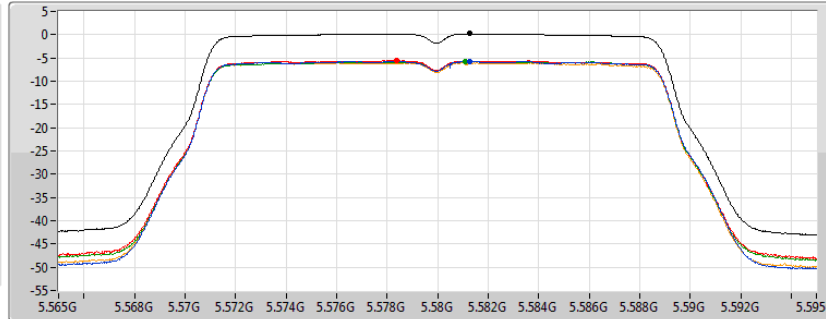
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5580MHz

30/11/2019

CF
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
6.73s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.20	0.20	-5.77	-5.61	-5.72	-6.03

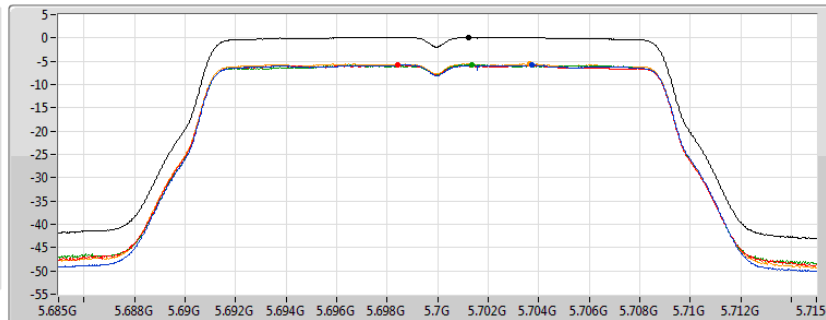
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5700MHz

30/11/2019

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
6.73s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.16	0.16	-5.83	-5.87	-5.76	-5.56

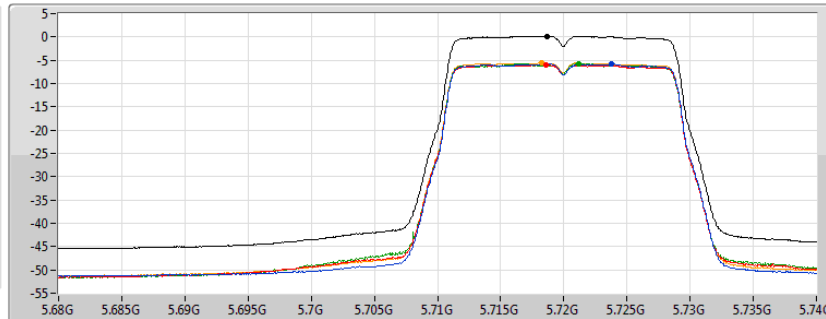
802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

30/11/2019

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
6.73s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

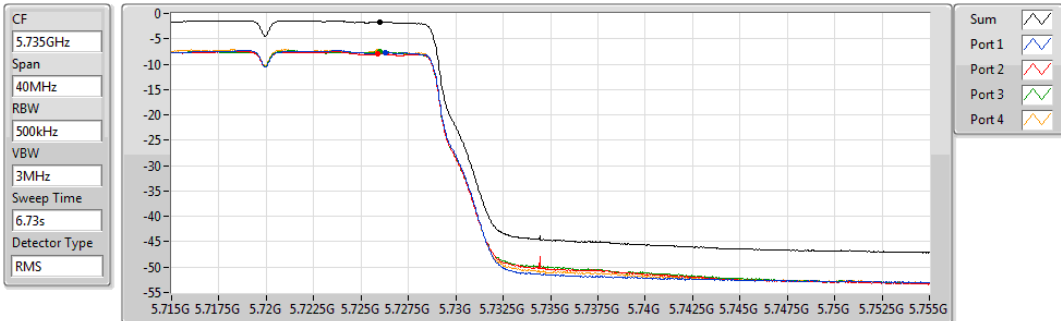
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.13	0.13	-5.83	-5.99	-5.72	-5.63

802.11ac VHT20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

30/11/2019



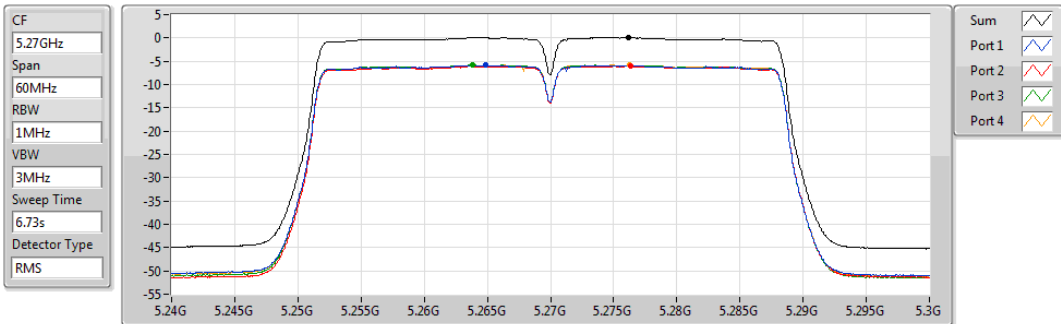
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.70	-1.70	-7.77	-7.95	-7.56	-7.49

802.11ac VHT40_Nss1,(MCS0)_4TX

PSD

5270MHz

30/11/2019



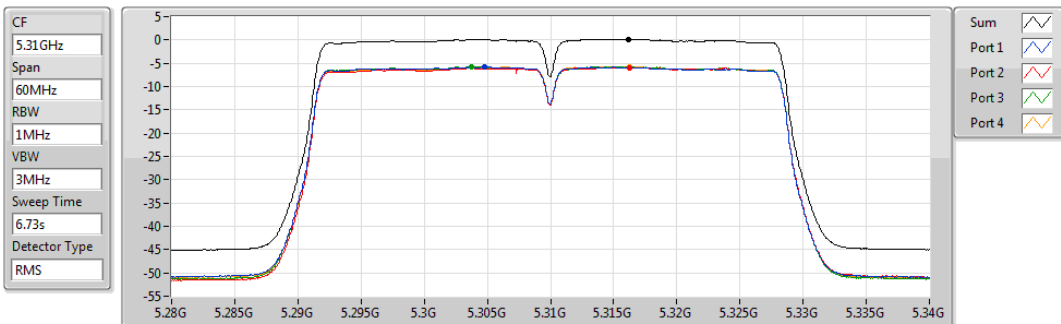
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.09	0.09	-5.89	-6.06	-5.83	-5.84

802.11ac VHT40_Nss1,(MCS0)_4TX

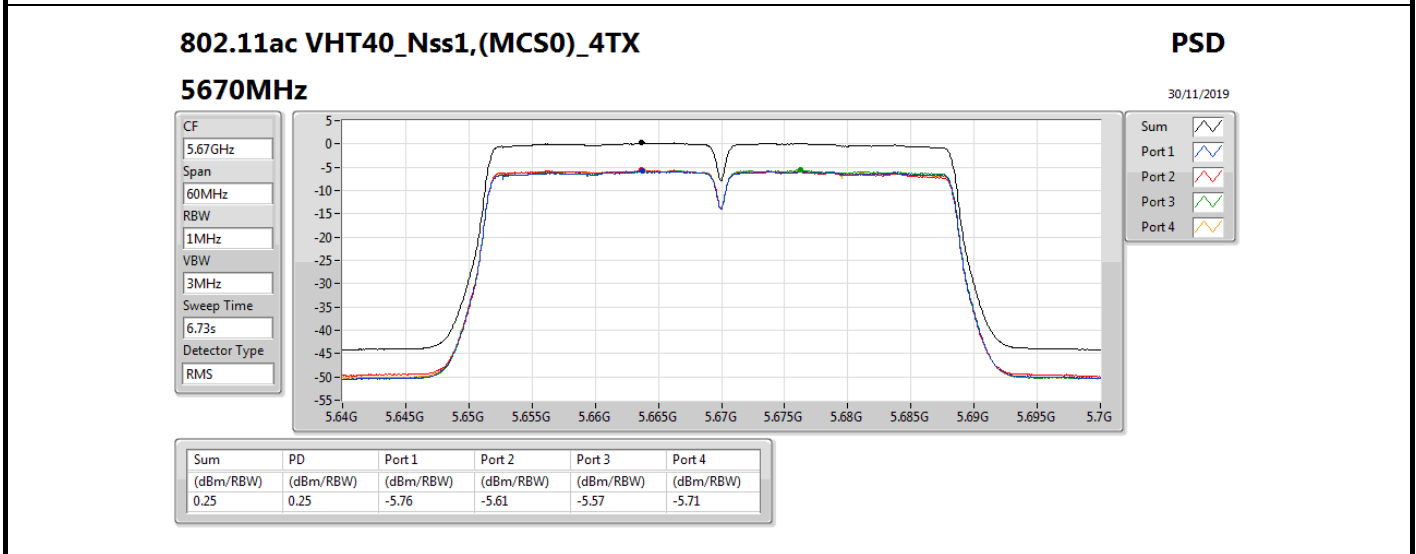
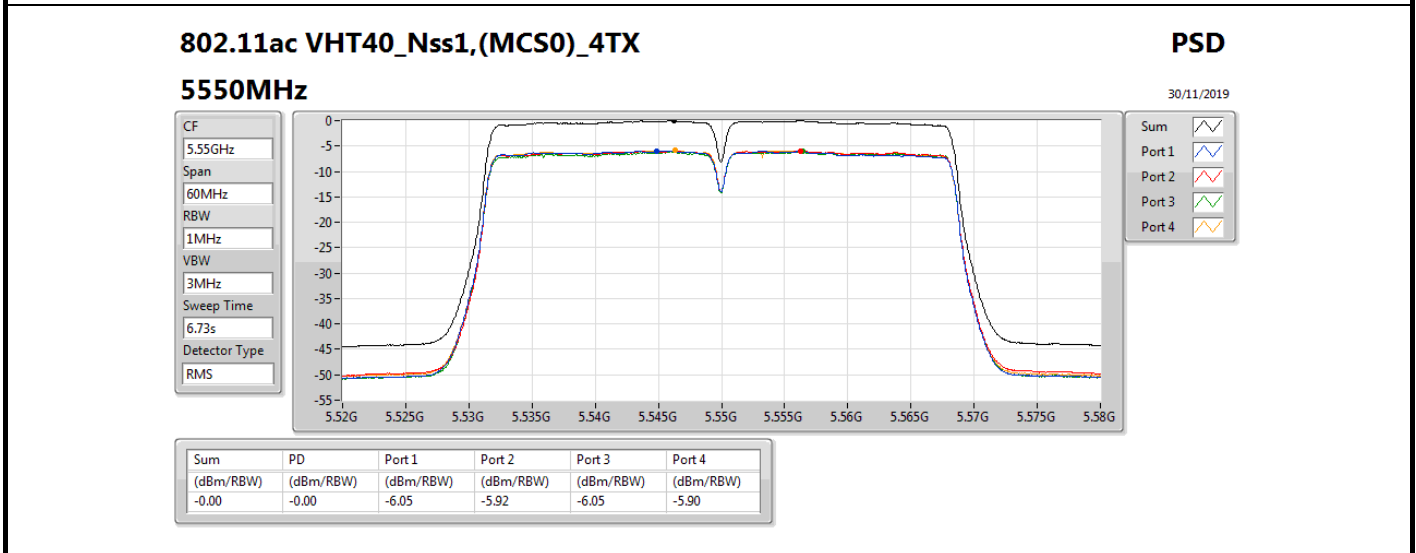
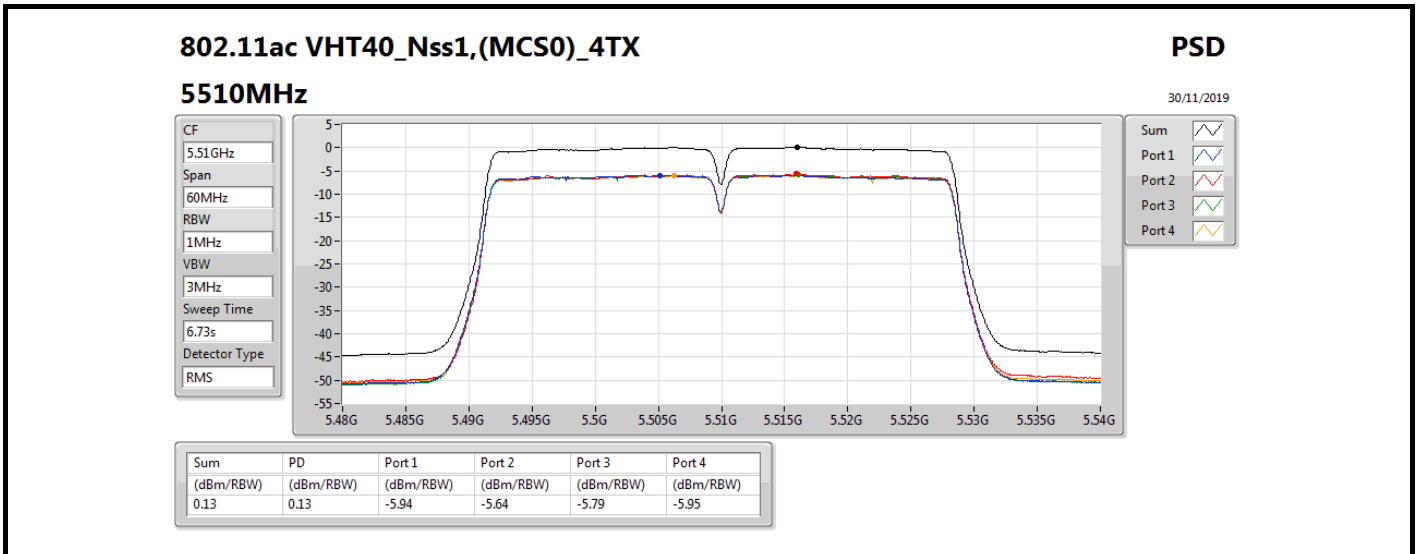
PSD

5310MHz

30/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.18	0.18	-5.80	-5.96	-5.72	-5.73

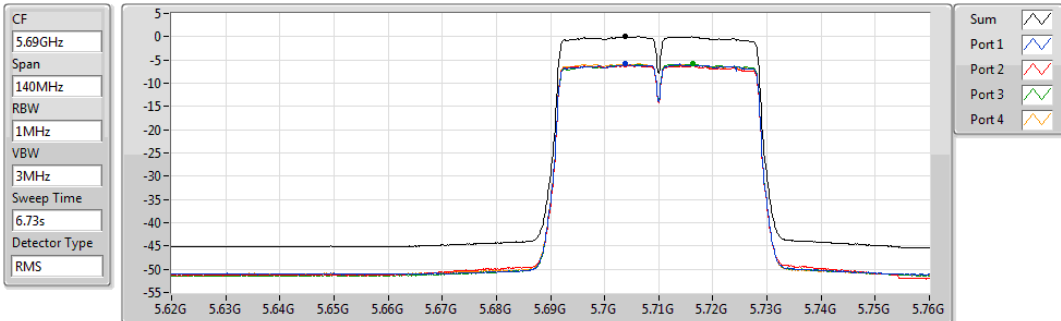


802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.47-5.725GHz

PSD

30/11/2019



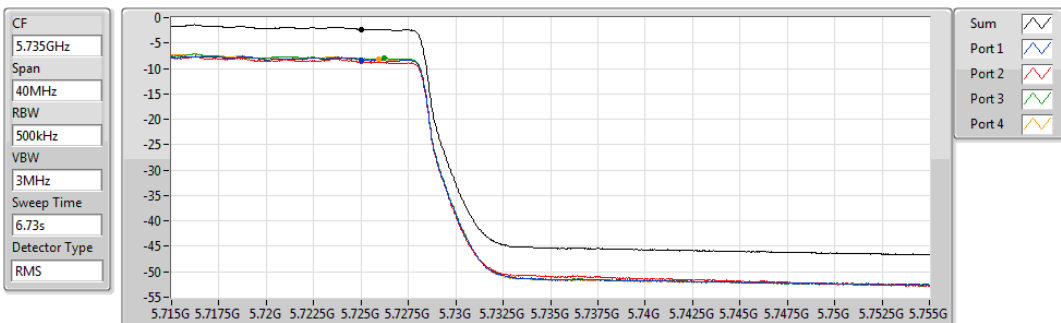
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.07	0.07	-5.84	-6.03	-5.81	-5.78

802.11ac VHT40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

30/11/2019



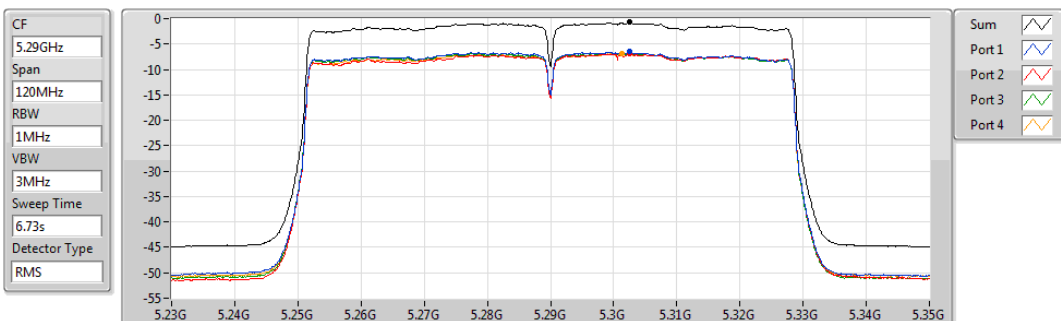
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.27	-2.27	-8.29	-8.70	-7.94	-8.13

802.11ac VHT80_Nss1,(MCS0)_4TX

5290MHz

PSD

30/11/2019



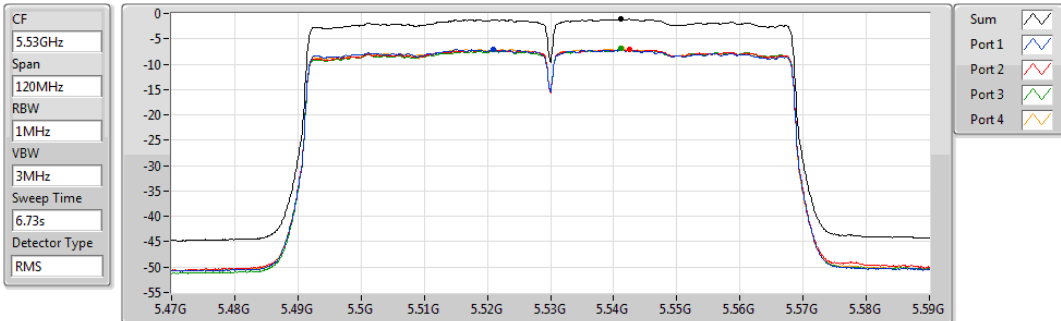
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.75	-0.75	-6.55	-6.84	-6.77	-6.84

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

30/11/2019



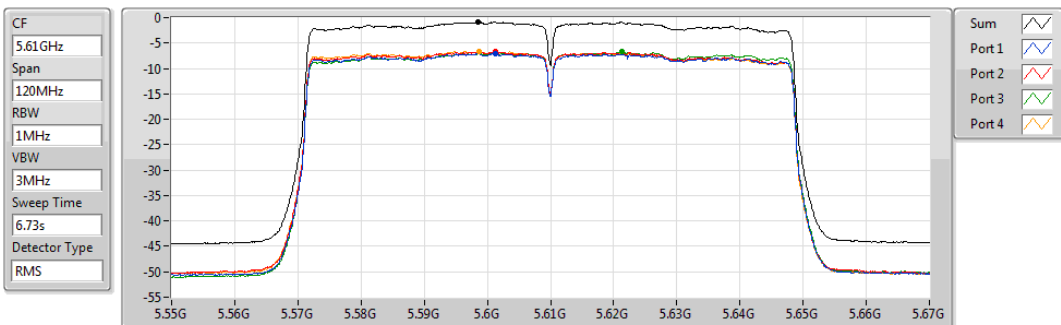
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.02	-1.02	-7.14	-7.00	-6.97	-6.84

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

30/11/2019



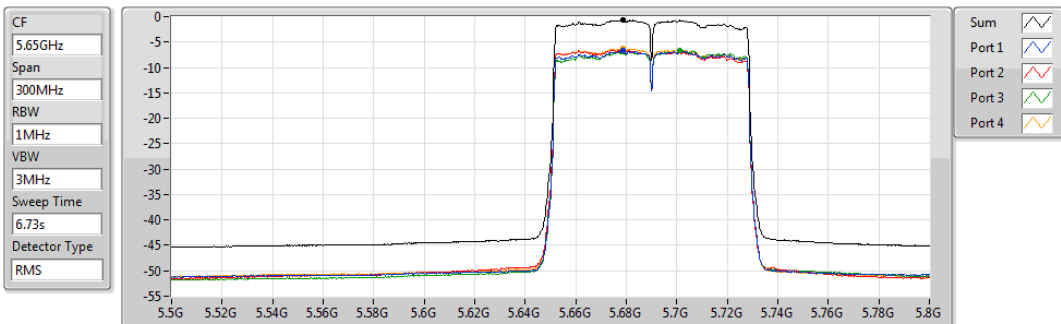
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.88	-0.88	-7.07	-6.74	-6.61	-6.58

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

30/11/2019



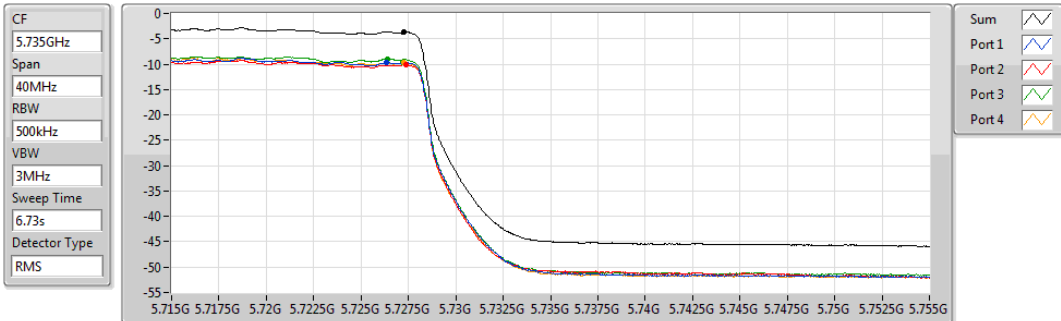
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.61	-0.61	-6.73	-6.57	-6.56	-6.16

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

30/11/2019



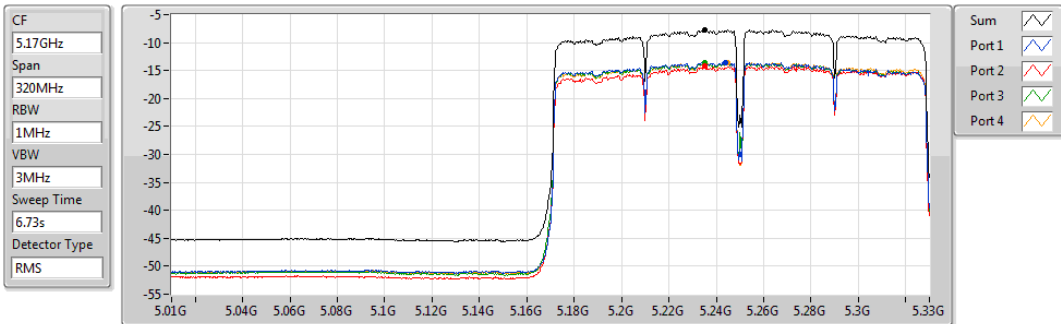
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.61	-3.61	-9.69	-10.08	-8.96	-9.64

802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

30/11/2019



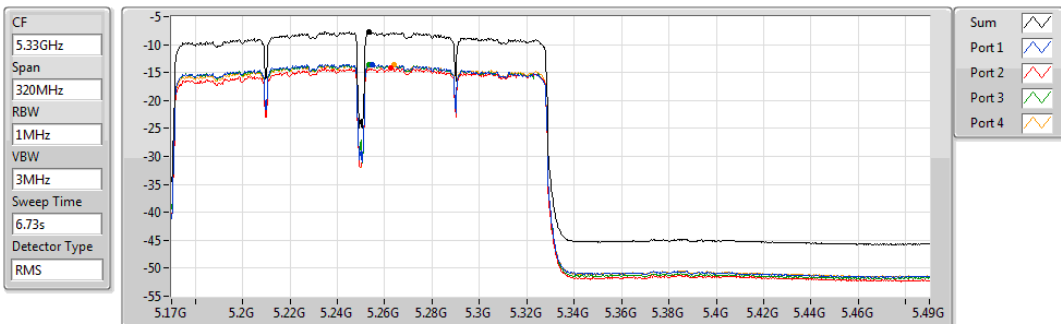
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.77	-7.77	-13.63	-14.16	-13.66	-13.54

802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

30/11/2019



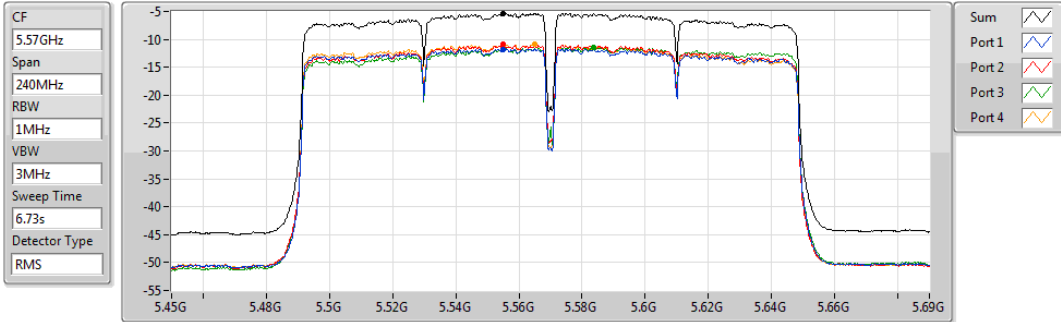
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.82	-7.82	-13.66	-14.27	-13.67	-13.66

802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5570MHz

30/11/2019



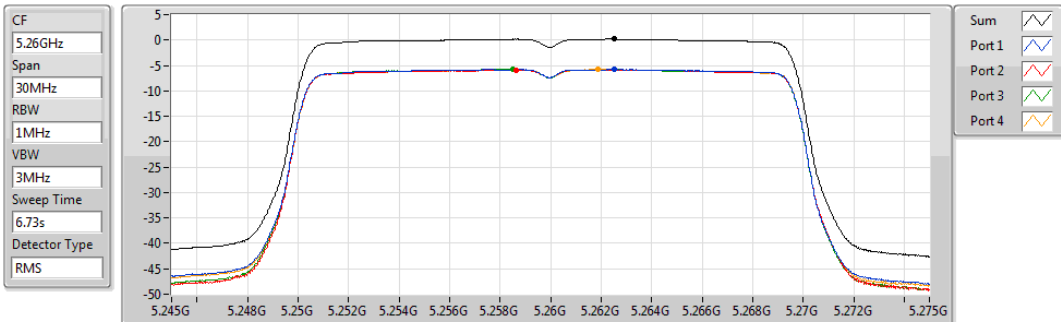
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.31	-5.31	-11.75	-10.93	-11.43	-10.85

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

30/11/2019



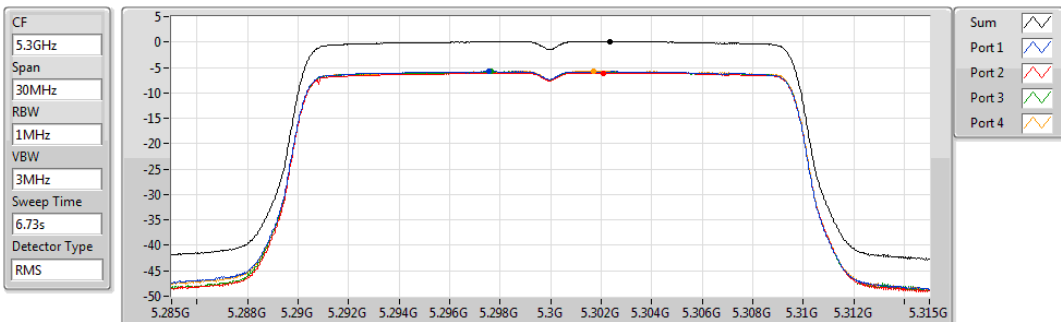
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.19	0.19	-5.73	-5.90	-5.77	-5.72

802.11ax HEW20_Nss1,(MCS0)_4TX

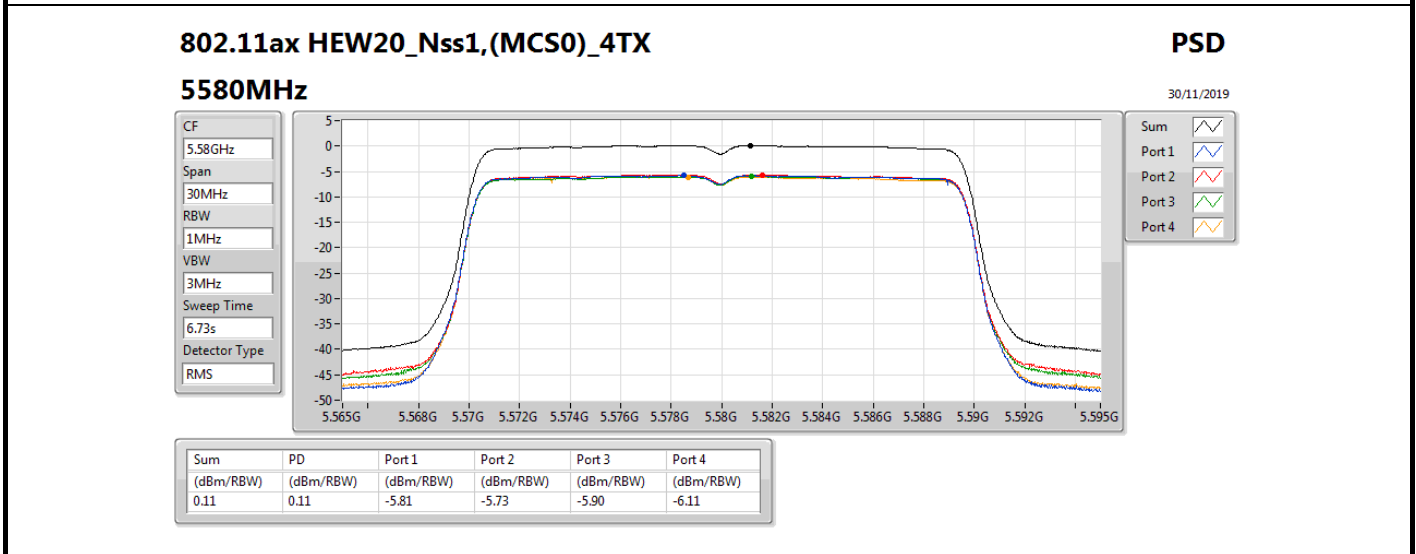
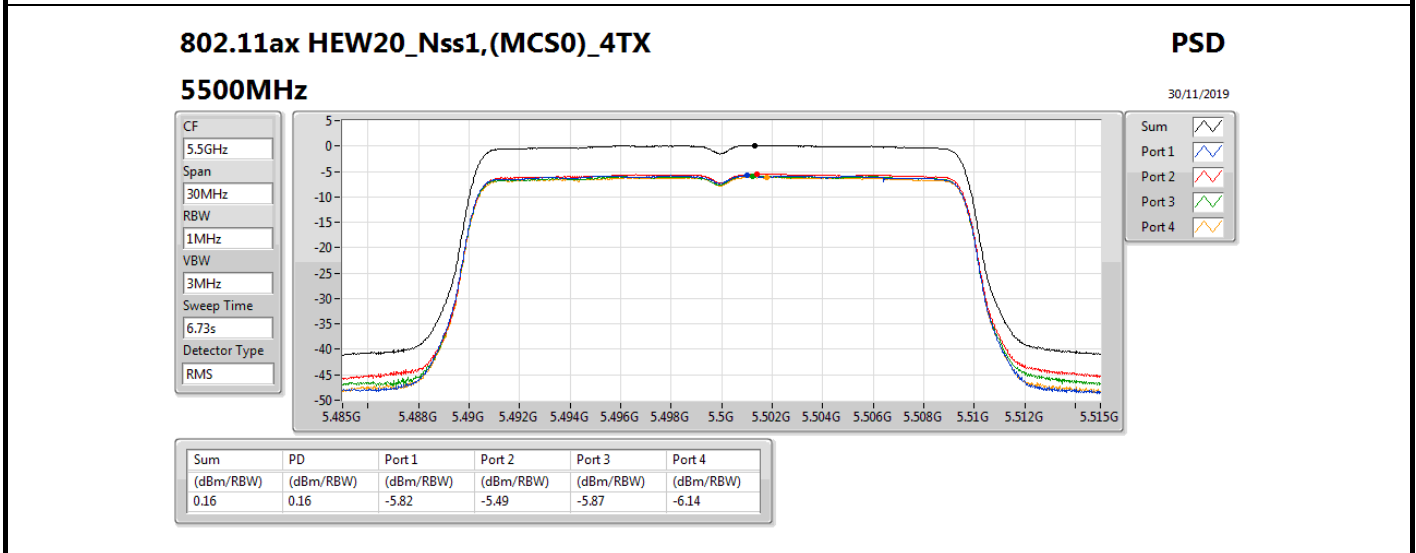
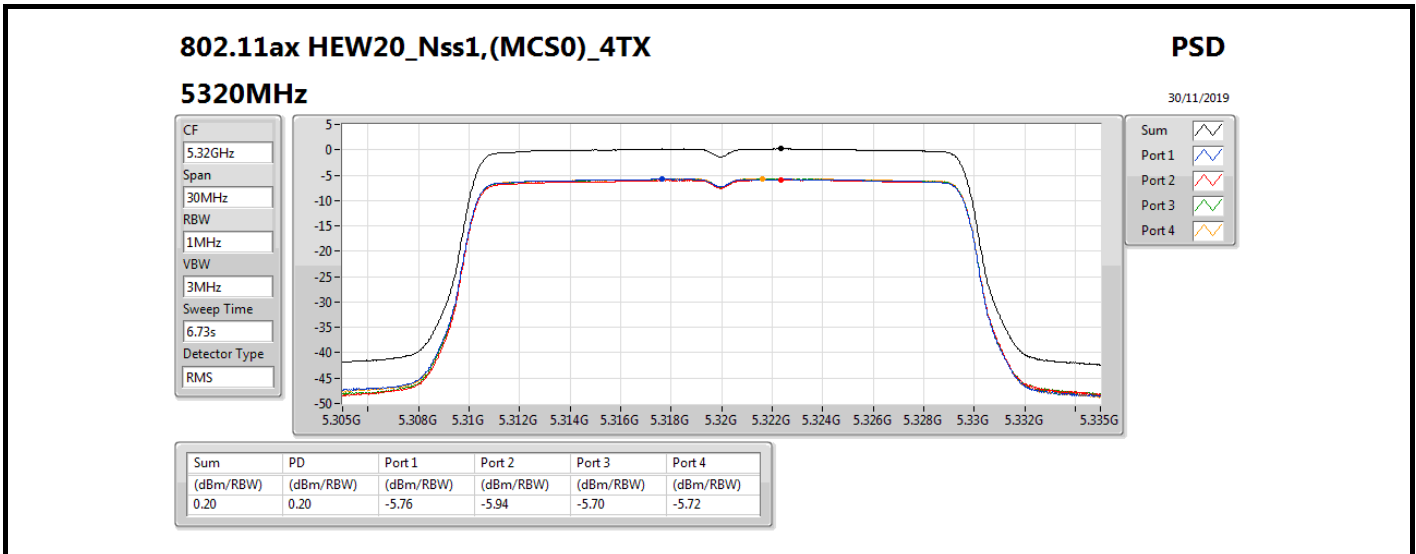
PSD

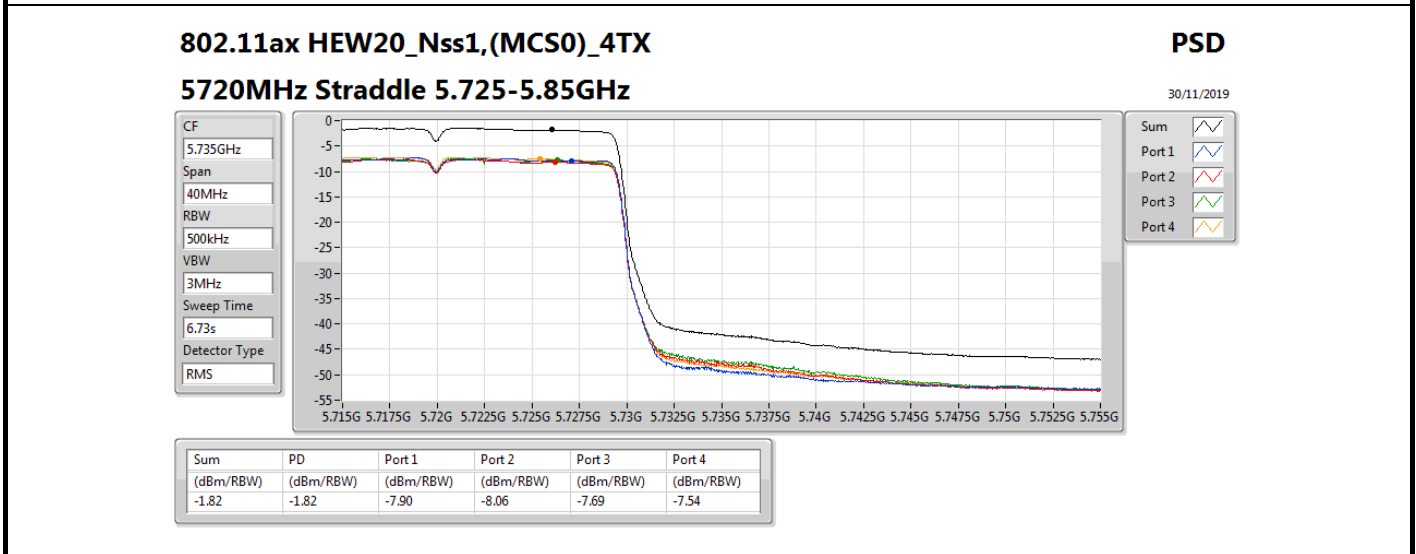
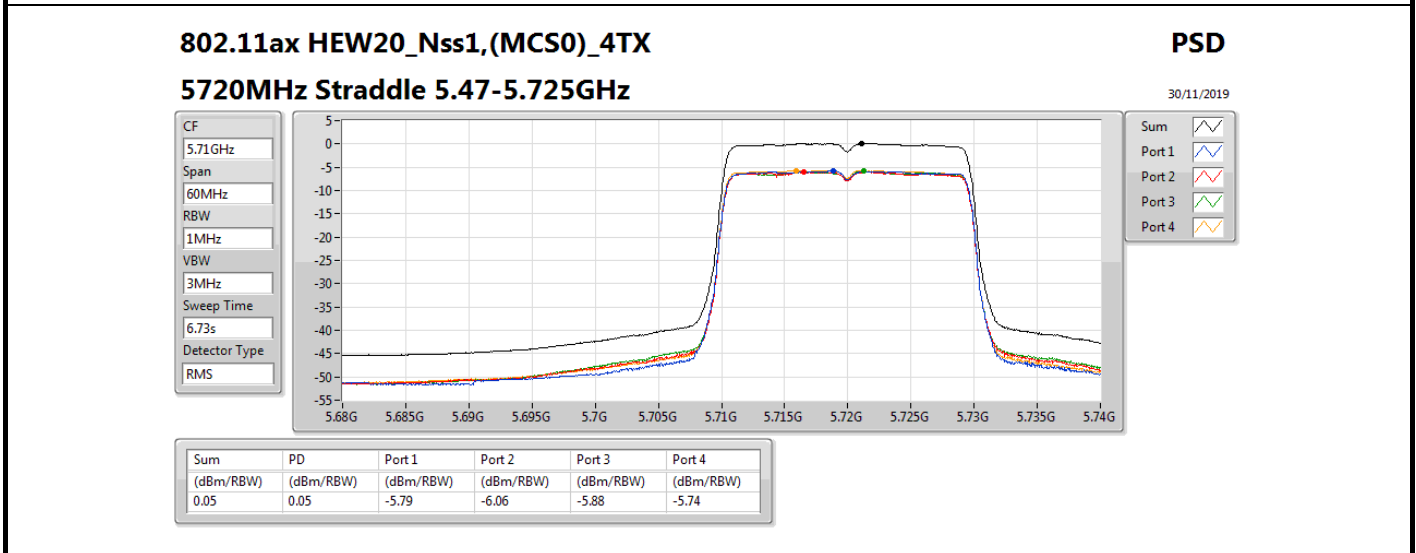
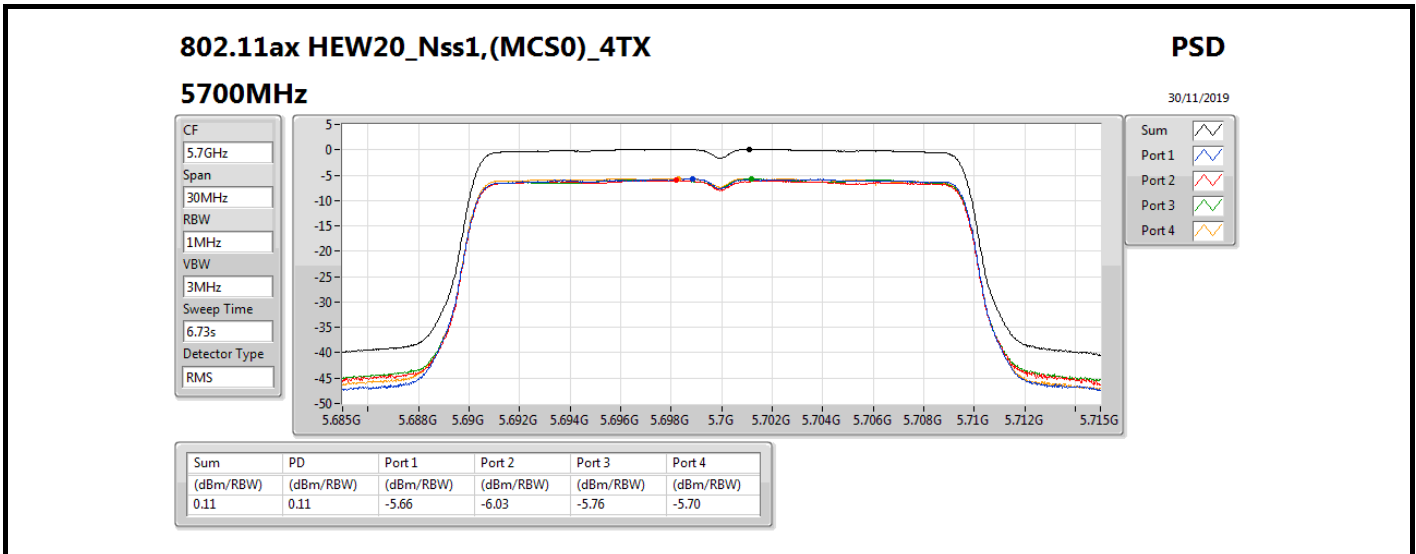
5300MHz

30/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.15	0.15	-5.79	-6.07	-5.81	-5.71



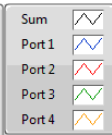
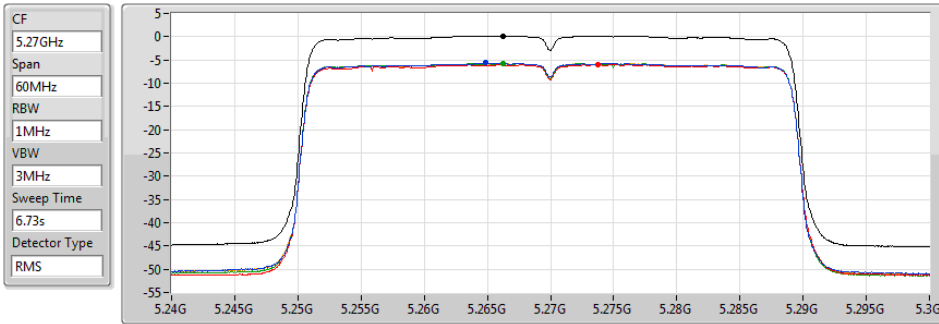


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

30/11/2019



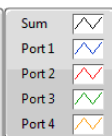
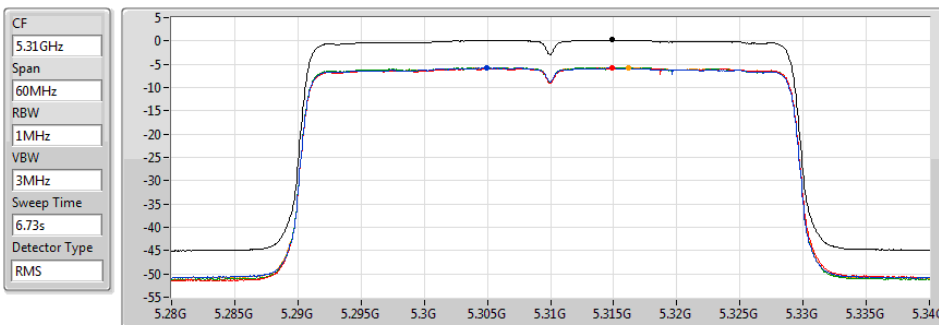
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.16	0.16	-5.64	-6.02	-5.79	-5.79

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

30/11/2019



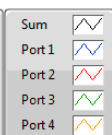
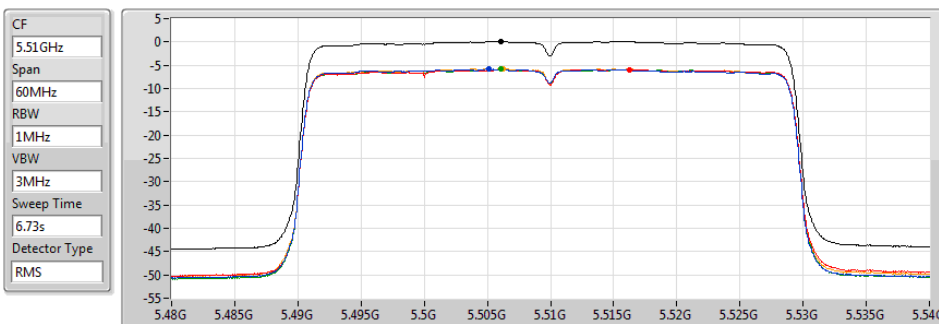
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.22	0.22	-5.68	-5.87	-5.71	-5.75

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

30/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.13	0.13	-5.84	-5.90	-5.88	-5.74

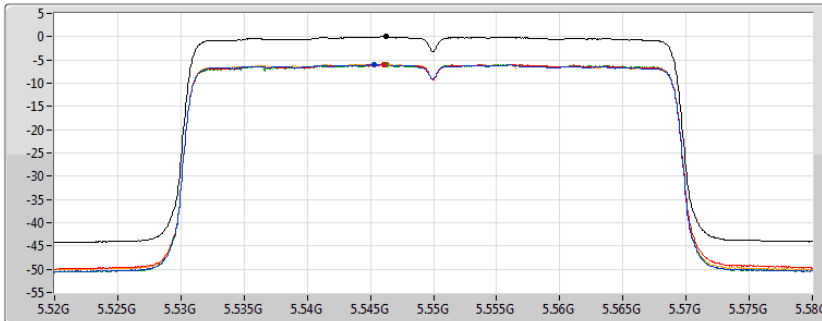
802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

30/11/2019

CF 5.55GHz
 Span 60MHz
 RBW 1MHz
 VBW 3MHz
 Sweep Time 6.73s
 Detector Type RMS



Sum
 Port 1
 Port 2
 Port 3
 Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.03	0.03	-6.03	-6.04	-5.92	-5.90

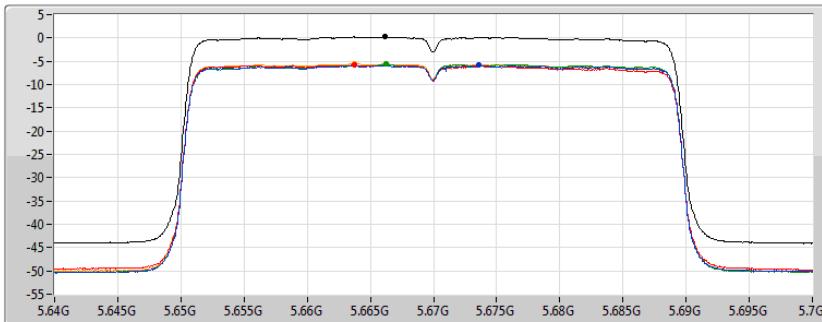
802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

30/11/2019

CF 5.67GHz
 Span 60MHz
 RBW 1MHz
 VBW 3MHz
 Sweep Time 6.73s
 Detector Type RMS



Sum
 Port 1
 Port 2
 Port 3
 Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.25	0.25	-5.87	-5.82	-5.62	-5.54

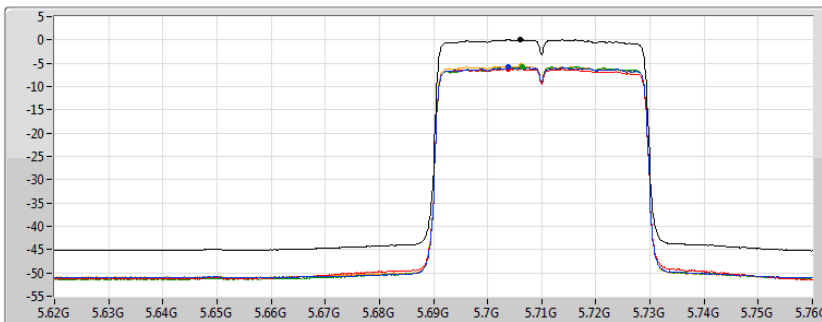
802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

30/11/2019

CF 5.69GHz
 Span 140MHz
 RBW 1MHz
 VBW 3MHz
 Sweep Time 6.73s
 Detector Type RMS



Sum
 Port 1
 Port 2
 Port 3
 Port 4

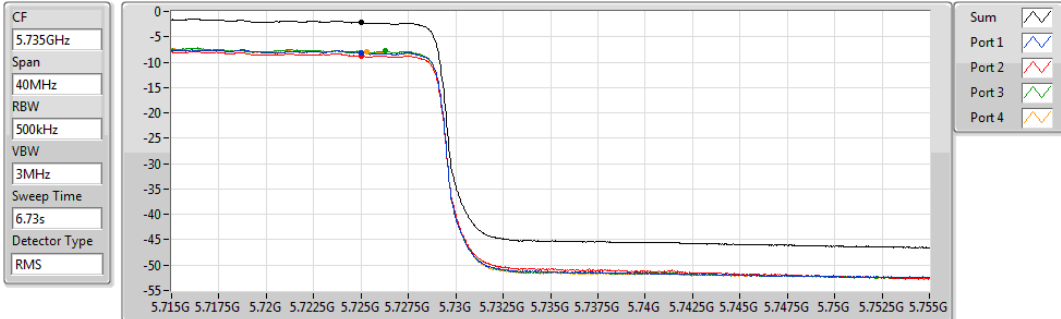
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.12	0.12	-5.89	-6.17	-5.72	-5.57

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

30/11/2019



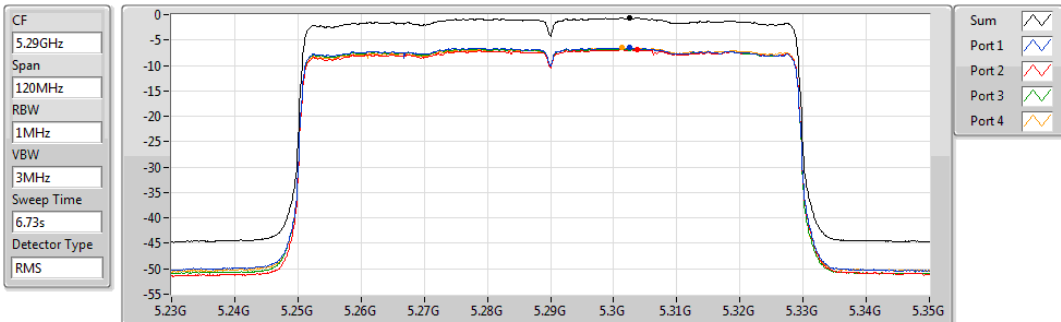
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.18	-2.18	-8.14	-8.71	-7.82	-7.99

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

30/11/2019



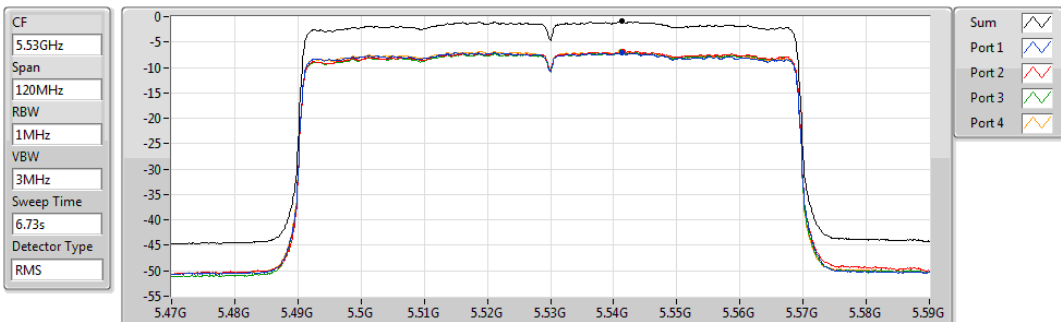
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.60	-0.60	-6.53	-6.77	-6.65	-6.43

802.11ax HEW80_Nss1,(MCS0)_4TX

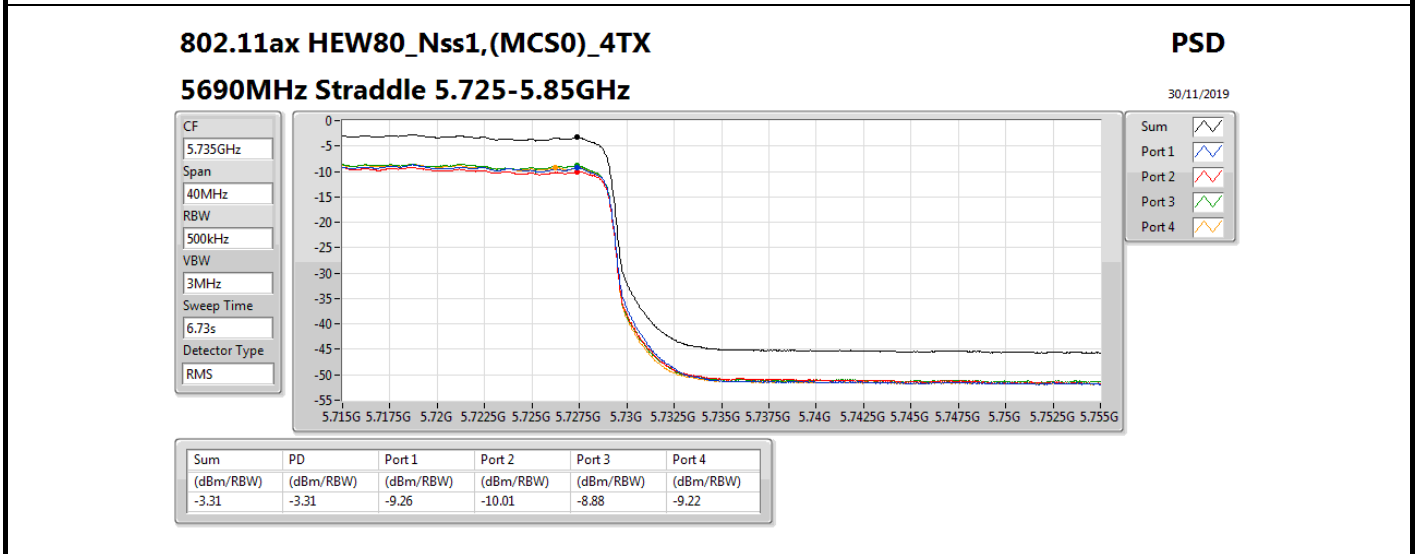
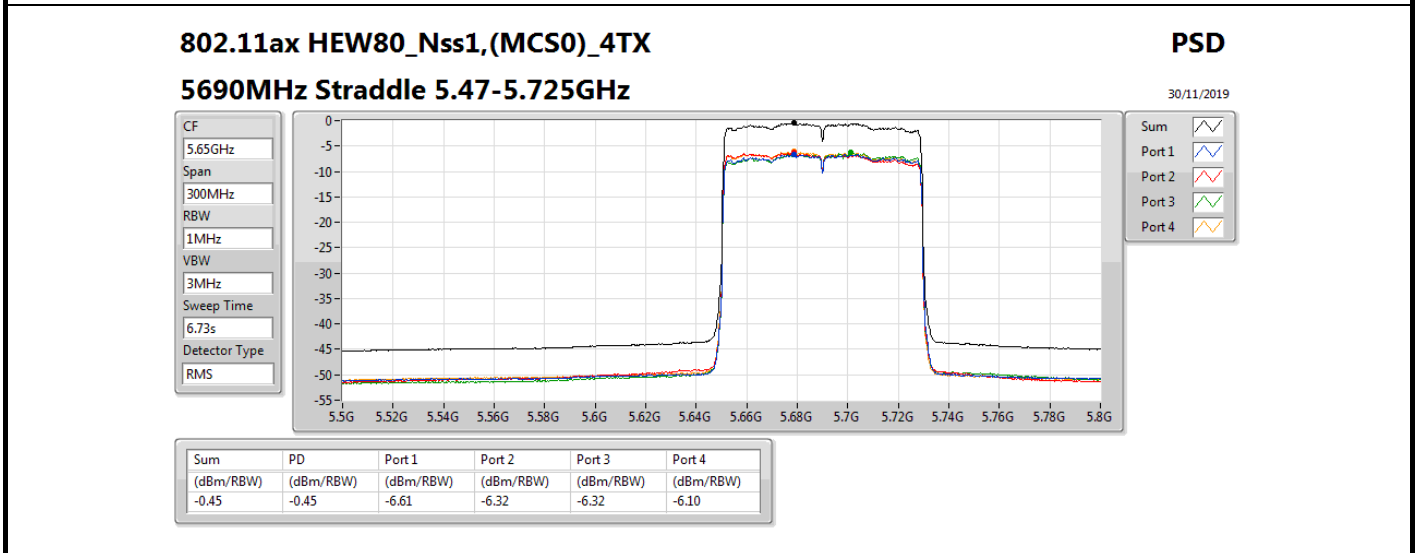
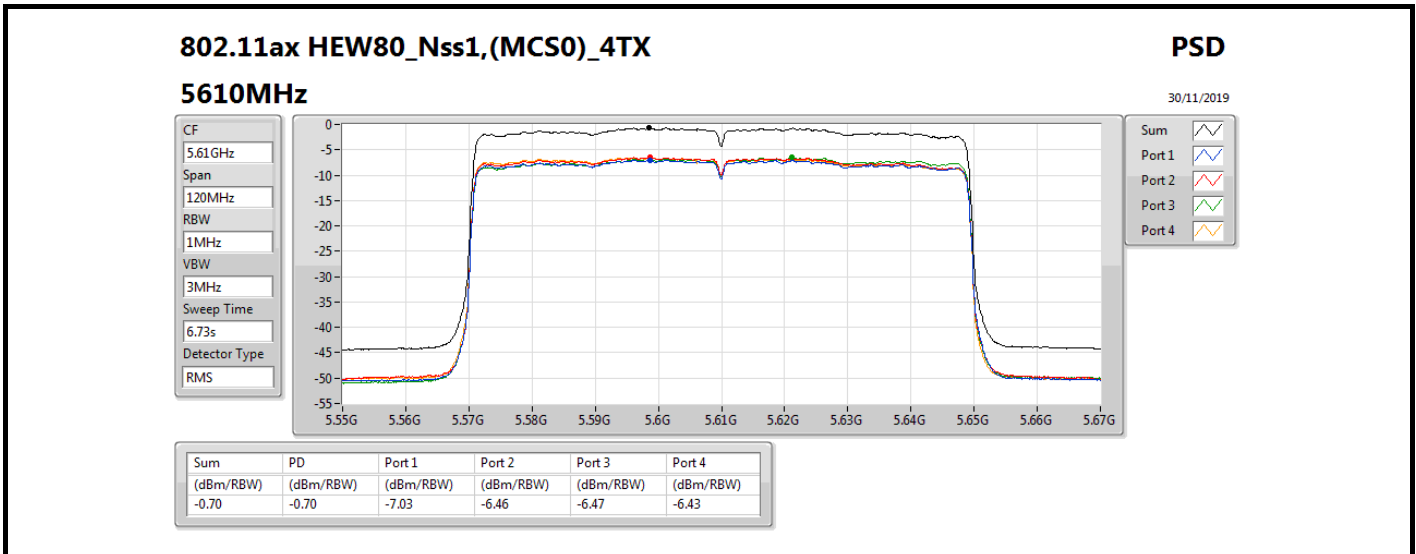
PSD

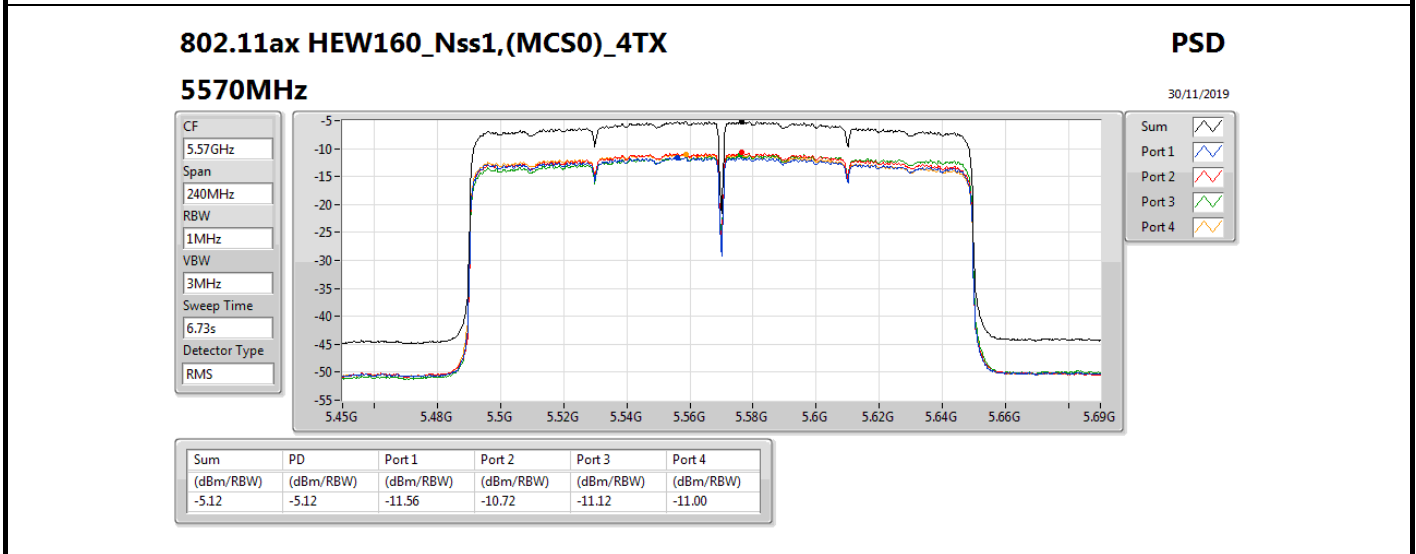
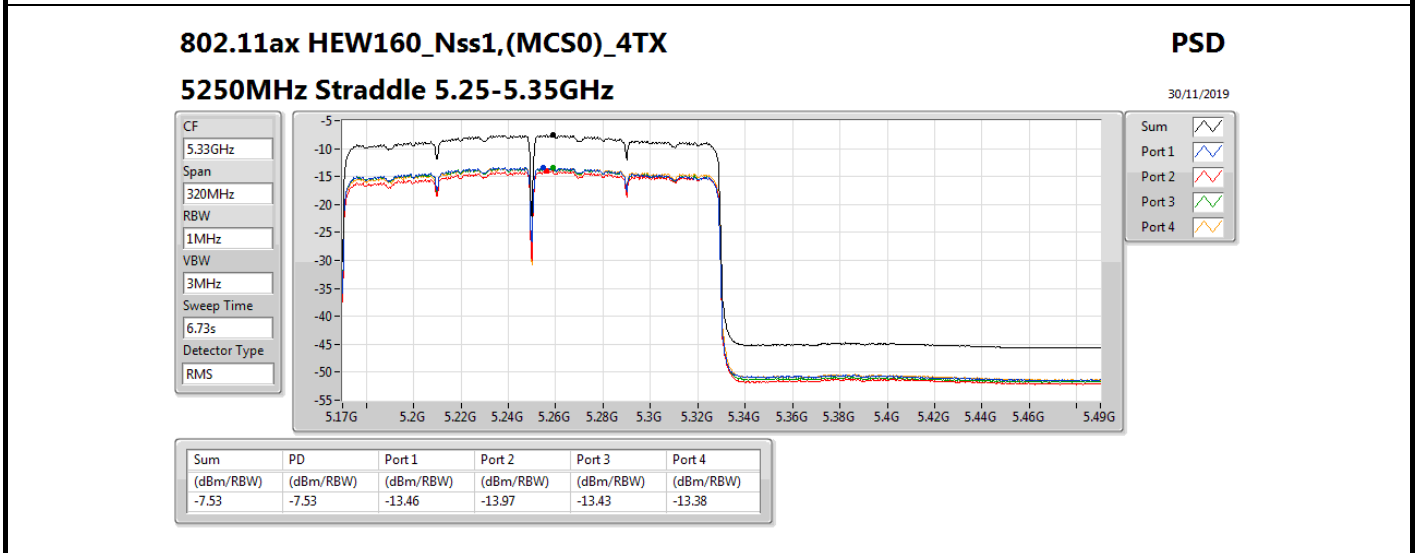
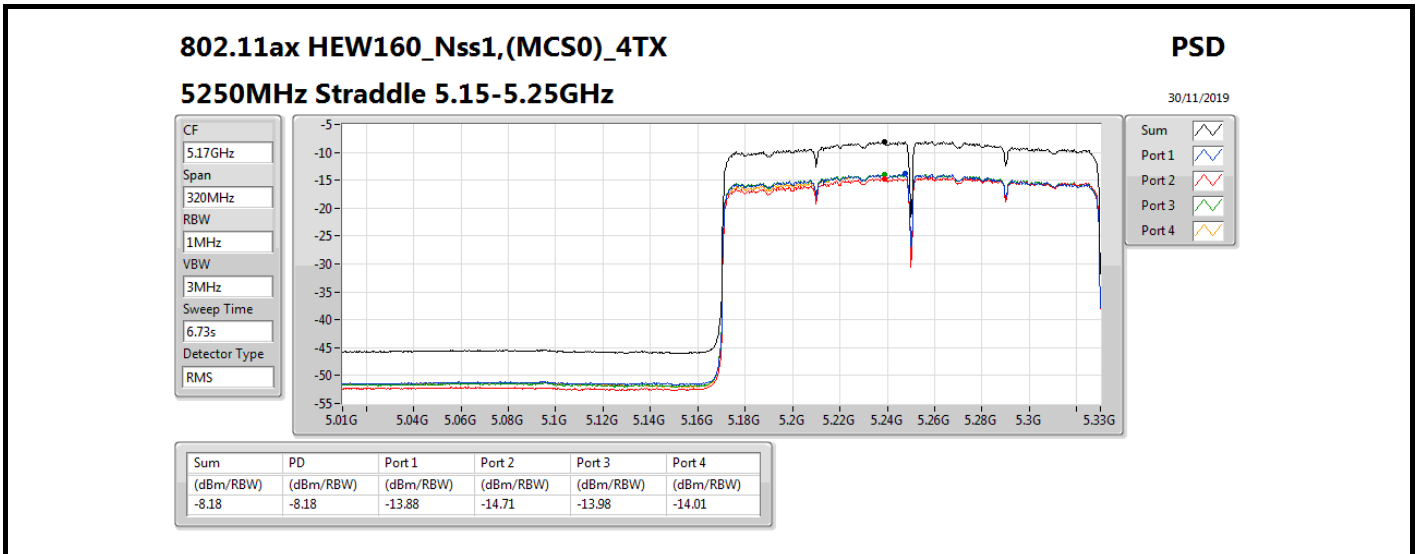
5530MHz

30/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.91	-0.91	-7.11	-6.80	-6.96	-6.81







Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ac VHT160_Nss4,(MCS0)_4TX	-9.46	1.24
802.11ax HEW160_Nss4,(MCS0)_4TX	-9.44	1.26
5.25-5.35GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	4.99	15.69
802.11ac VHT40_Nss4,(MCS0)_4TX	2.14	12.84
802.11ac VHT80_Nss4,(MCS0)_4TX	-1.09	9.61
802.11ac VHT160_Nss4,(MCS0)_4TX	-9.41	1.29
802.11ax HEW20_Nss4,(MCS0)_4TX	5.12	15.82
802.11ax HEW40_Nss4,(MCS0)_4TX	2.18	12.88
802.11ax HEW80_Nss4,(MCS0)_4TX	-1.10	9.60
802.11ax HEW160_Nss4,(MCS0)_4TX	-9.37	1.33
5.47-5.725GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	5.03	15.73
802.11ac VHT40_Nss4,(MCS0)_4TX	2.72	13.42
802.11ac VHT80_Nss4,(MCS0)_4TX	-0.46	10.24
802.11ac VHT160_Nss4,(MCS0)_4TX	-6.83	3.87
802.11ax HEW20_Nss4,(MCS0)_4TX	5.10	15.80
802.11ax HEW40_Nss4,(MCS0)_4TX	2.82	13.52
802.11ax HEW80_Nss4,(MCS0)_4TX	-0.31	10.39
802.11ax HEW160_Nss4,(MCS0)_4TX	-6.89	3.81
5.725-5.85GHz	-	-
802.11ac VHT20_Nss4,(MCS0)_4TX	3.32	14.02
802.11ac VHT40_Nss4,(MCS0)_4TX	0.60	11.30
802.11ac VHT80_Nss4,(MCS0)_4TX	-3.13	7.57
802.11ax HEW20_Nss4,(MCS0)_4TX	3.37	14.07
802.11ax HEW40_Nss4,(MCS0)_4TX	0.62	11.32
802.11ax HEW80_Nss4,(MCS0)_4TX	-3.13	7.57

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



Result

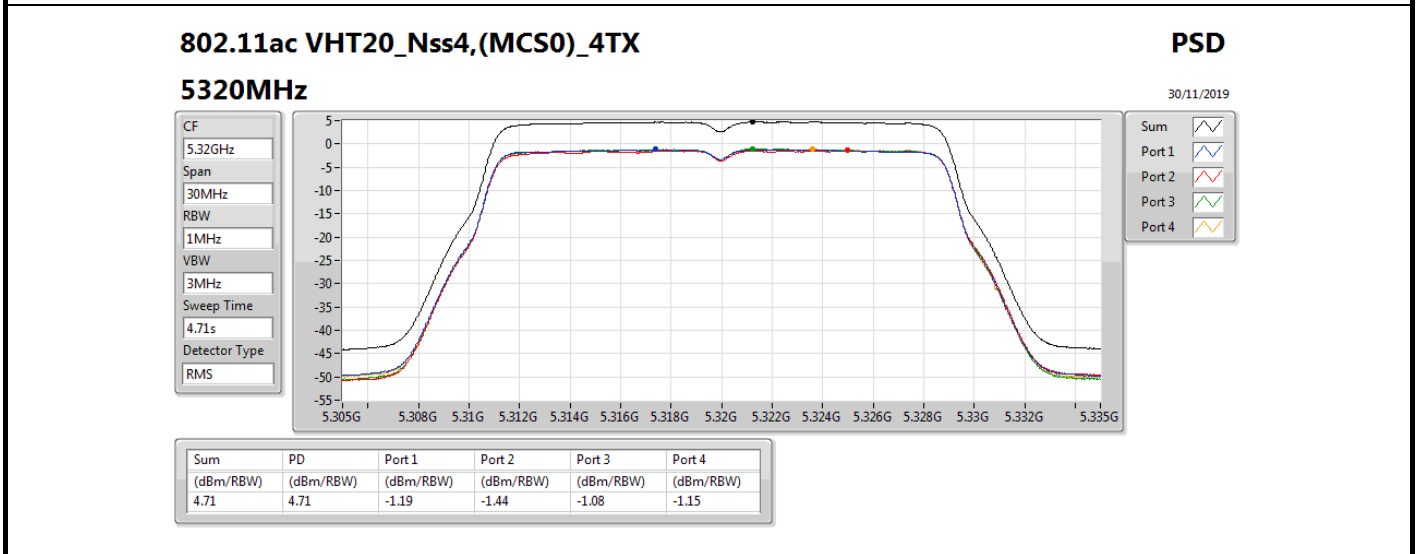
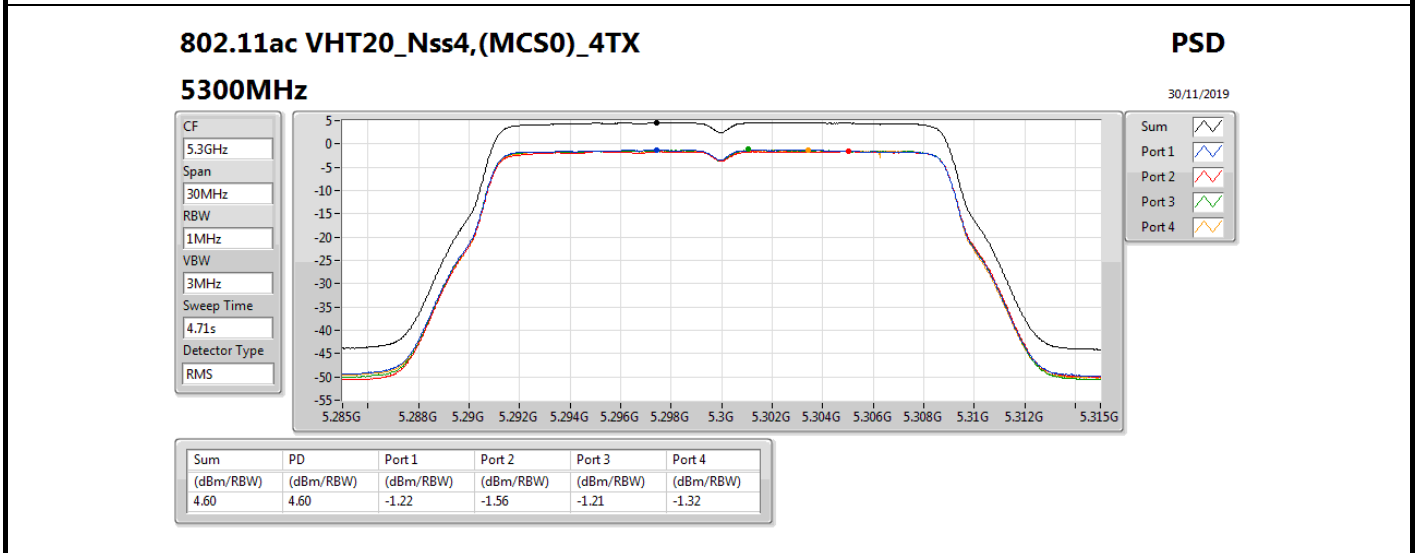
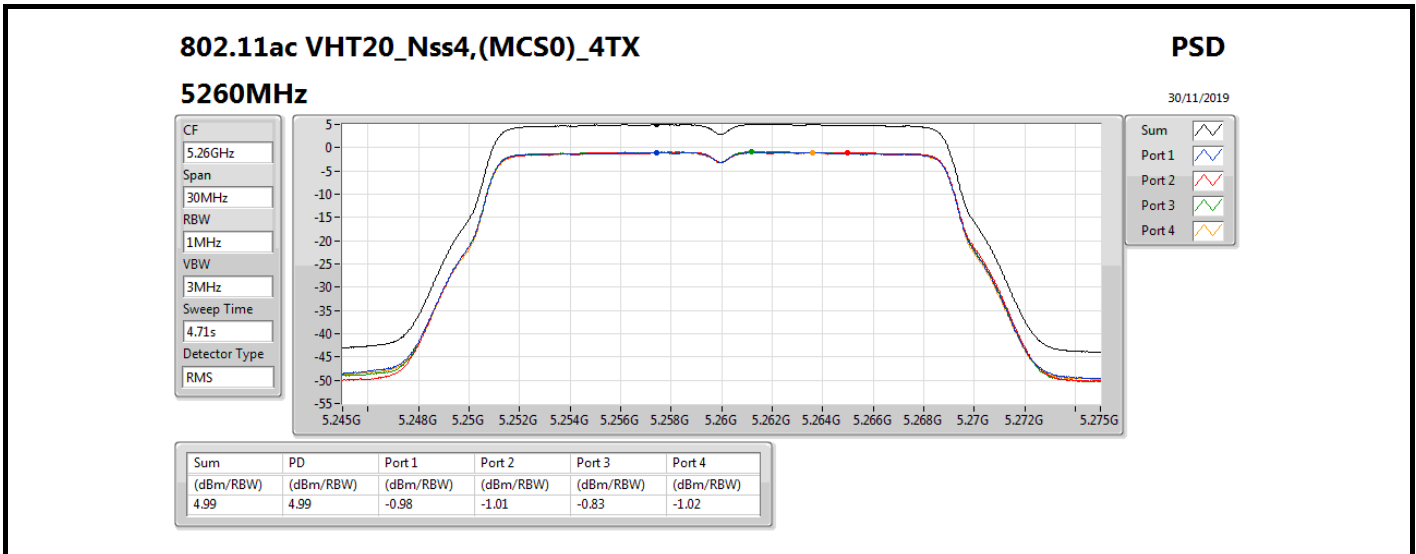
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ac VHT20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	10.70	-0.98	-1.01	-0.83	-1.02	4.99	6.30	15.69	17.00
5300MHz_TnomVnom	Pass	10.70	-1.22	-1.56	-1.21	-1.32	4.60	6.30	15.30	17.00
5320MHz_TnomVnom	Pass	10.70	-1.19	-1.44	-1.08	-1.15	4.71	6.30	15.41	17.00
5500MHz_TnomVnom	Pass	10.70	-1.00	-0.78	-1.07	-1.34	4.92	6.30	15.62	17.00
5580MHz_TnomVnom	Pass	10.70	-1.31	-0.99	-0.99	-1.35	4.77	6.30	15.47	17.00
5700MHz_TnomVnom	Pass	10.70	-1.11	-1.15	-1.17	-0.87	4.84	6.30	15.54	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	10.70	-0.96	-1.07	-0.92	-0.64	5.03	6.30	15.73	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	10.70	-2.75	-2.67	-2.87	-2.48	3.32	25.30	14.02	36.00
802.11ac VHT40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	10.70	-3.86	-4.00	-3.72	-3.63	2.08	6.30	12.78	17.00
5310MHz_TnomVnom	Pass	10.70	-3.76	-3.98	-3.82	-3.54	2.14	6.30	12.84	17.00
5510MHz_TnomVnom	Pass	10.70	-3.96	-3.74	-3.87	-3.76	2.10	6.30	12.80	17.00
5550MHz_TnomVnom	Pass	10.70	-4.16	-3.96	-3.84	-3.93	1.95	6.30	12.65	17.00
5670MHz_TnomVnom	Pass	10.70	-3.62	-3.46	-3.60	-3.48	2.35	6.30	13.05	17.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	10.70	-3.19	-3.30	-3.14	-2.99	2.72	6.30	13.42	17.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	10.70	-5.47	-5.97	-5.11	-5.19	0.60	25.30	11.30	36.00
802.11ac VHT80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	10.70	-7.03	-7.26	-6.92	-6.86	-1.09	6.30	9.61	17.00
5530MHz_TnomVnom	Pass	10.70	-7.53	-7.22	-7.09	-7.18	-1.37	6.30	9.33	17.00
5610MHz_TnomVnom	Pass	10.70	-6.98	-6.27	-6.26	-6.12	-0.48	6.30	10.22	17.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	10.70	-6.65	-6.28	-6.34	-6.08	-0.46	6.30	10.24	17.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	10.70	-9.25	-9.64	-8.58	-9.13	-3.13	25.30	7.57	36.00
802.11ac VHT160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz_TnomVnom	Pass	10.70	-15.24	-15.76	-15.09	-15.27	-9.46	12.30	1.24	23.00
5250MHz Straddle 5.25-5.35GHz_TnomVnom	Pass	10.70	-15.38	-15.66	-15.28	-15.04	-9.41	6.30	1.29	17.00
5570MHz_TnomVnom	Pass	10.70	-13.26	-12.44	-12.82	-12.36	-6.83	6.30	3.87	17.00
802.11ax HEW20_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	10.70	-0.90	-0.79	-0.81	-0.93	5.12	6.30	15.82	17.00
5300MHz_TnomVnom	Pass	10.70	-1.09	-1.10	-1.01	-0.93	4.95	6.30	15.65	17.00
5320MHz_TnomVnom	Pass	10.70	-1.39	-1.38	-1.09	-1.10	4.74	6.30	15.44	17.00
5500MHz_TnomVnom	Pass	10.70	-1.16	-0.71	-1.03	-1.35	4.92	6.30	15.62	17.00
5580MHz_TnomVnom	Pass	10.70	-1.42	-0.97	-1.13	-1.35	4.79	6.30	15.49	17.00
5700MHz_TnomVnom	Pass	10.70	-1.19	-1.12	-1.19	-0.87	4.88	6.30	15.58	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	10.70	-0.88	-1.02	-1.05	-0.57	5.10	6.30	15.80	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	10.70	-2.76	-2.66	-2.70	-2.39	3.37	25.30	14.07	36.00
802.11ax HEW40_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	10.70	-3.58	-3.95	-3.77	-3.77	2.18	6.30	12.88	17.00
5310MHz_TnomVnom	Pass	10.70	-3.77	-4.02	-3.80	-3.63	2.15	6.30	12.85	17.00
5510MHz_TnomVnom	Pass	10.70	-3.85	-3.63	-3.72	-3.69	2.24	6.30	12.94	17.00
5550MHz_TnomVnom	Pass	10.70	-3.92	-3.86	-3.88	-3.77	2.10	6.30	12.80	17.00
5670MHz_TnomVnom	Pass	10.70	-3.65	-3.61	-3.55	-3.48	2.38	6.30	13.08	17.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	10.70	-3.10	-3.28	-3.06	-3.14	2.82	6.30	13.52	17.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	10.70	-5.30	-5.67	-5.22	-5.40	0.62	25.30	11.32	36.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW80_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	10.70	-6.75	-7.17	-7.19	-7.04	-1.10	6.30	9.60	17.00
5530MHz_TnomVnom	Pass	10.70	-7.47	-7.03	-7.38	-7.18	-1.37	6.30	9.33	17.00
5610MHz_TnomVnom	Pass	10.70	-6.86	-6.20	-6.35	-6.04	-0.46	6.30	10.24	17.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	10.70	-6.64	-6.07	-6.42	-5.74	-0.31	6.30	10.39	17.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	10.70	-9.19	-9.71	-8.53	-9.21	-3.13	25.30	7.57	36.00
802.11ax HEW160_Nss4,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz_TnomVnom	Pass	10.70	-15.46	-15.77	-15.28	-15.15	-9.44	12.30	1.26	23.00
5250MHz Straddle 5.25-5.35GHz_TnomVnom	Pass	10.70	-15.36	-15.57	-15.35	-15.09	-9.37	6.30	1.33	17.00
5570MHz_TnomVnom	Pass	10.70	-13.42	-12.56	-12.93	-12.47	-6.89	6.30	3.81	17.00

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

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

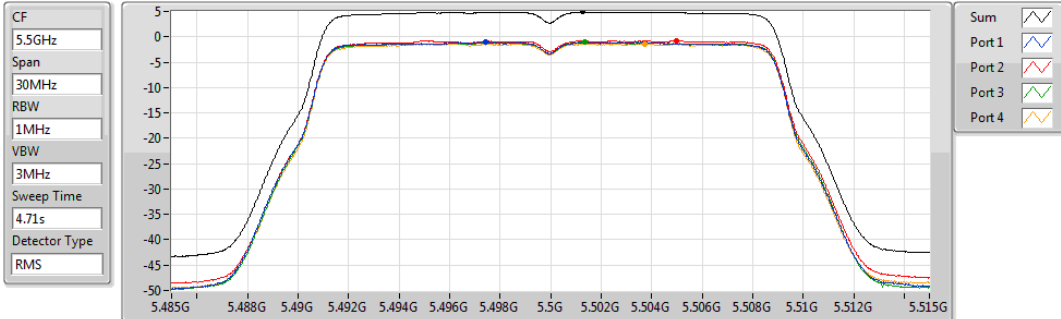


802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5500MHz

30/11/2019



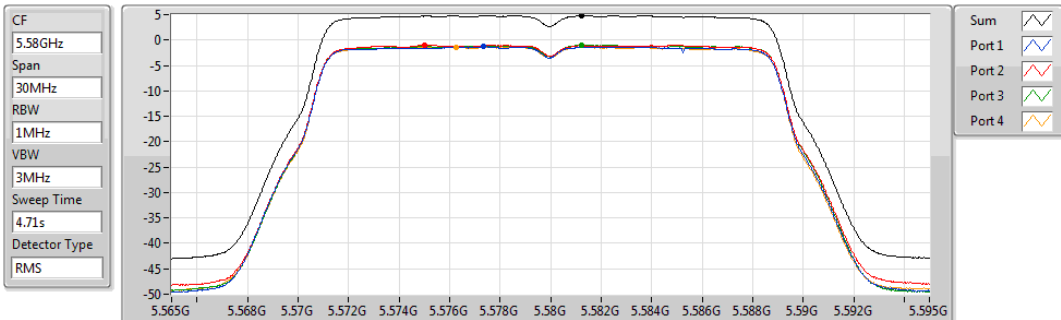
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.92	4.92	-1.00	-0.78	-1.07	-1.34

802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5580MHz

30/11/2019



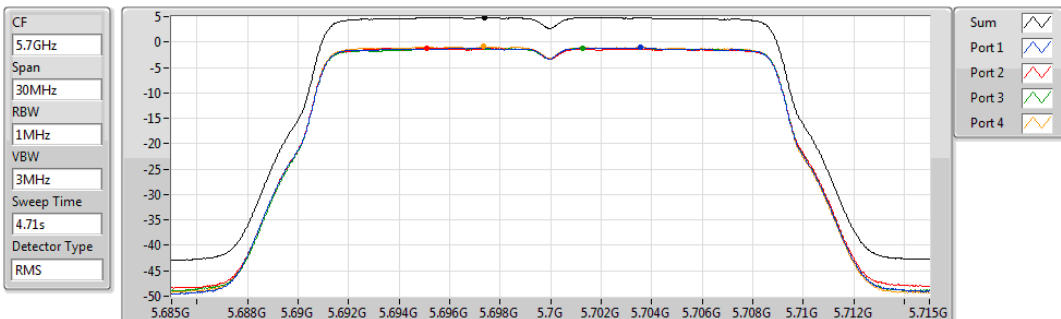
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.77	4.77	-1.31	-0.99	-0.99	-1.35

802.11ac VHT20_Nss4,(MCS0)_4TX

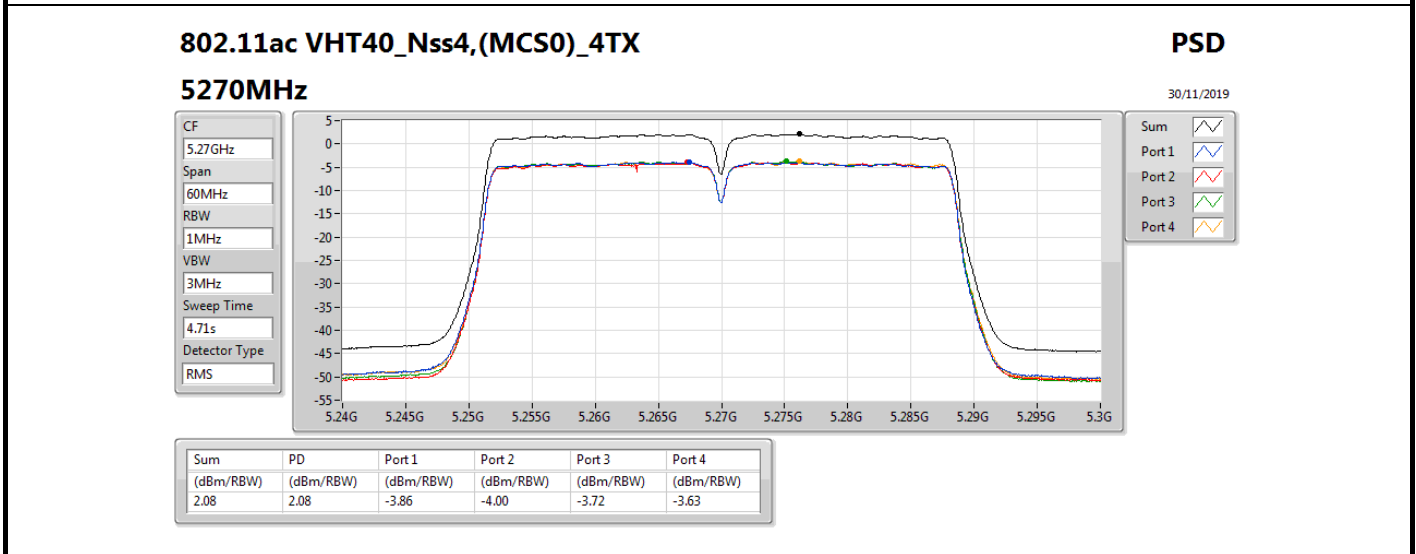
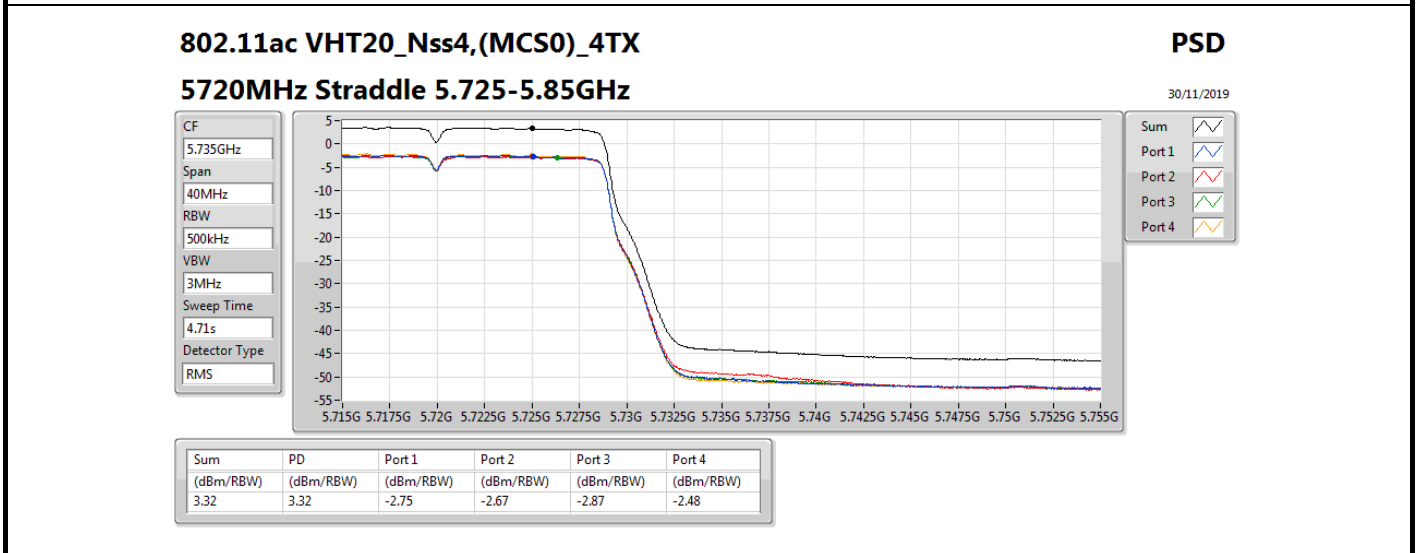
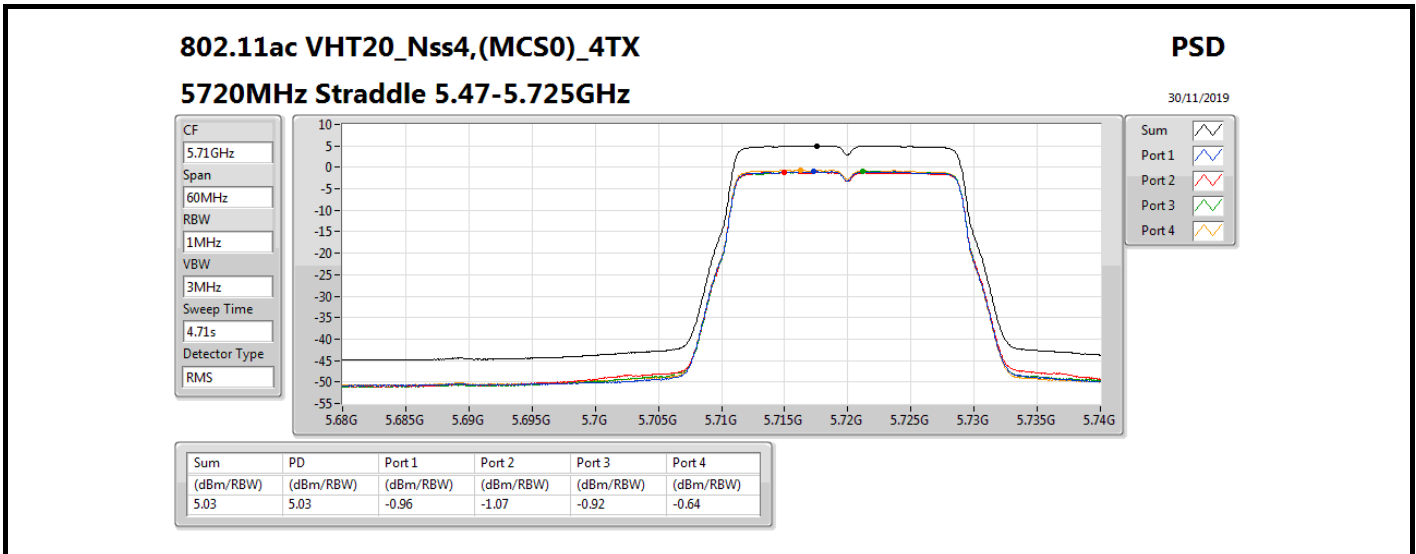
PSD

5700MHz

30/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.84	4.84	-1.11	-1.15	-1.17	-0.87



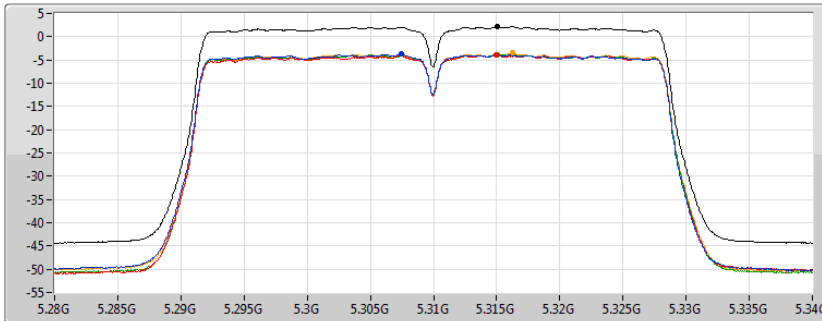
802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5310MHz

30/11/2019

CF
5.31GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.14	2.14	-3.76	-3.98	-3.82	-3.54

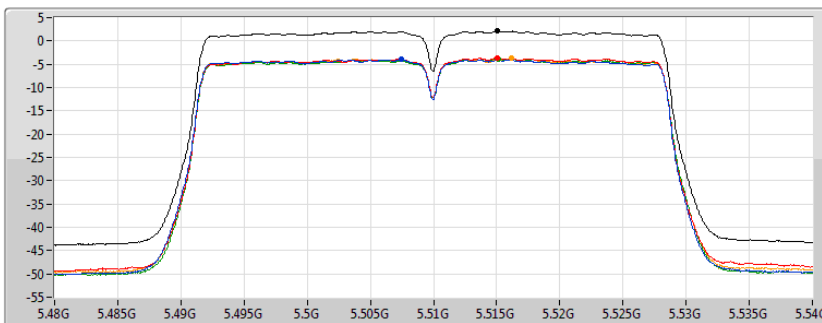
802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5510MHz

30/11/2019

CF
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.10	2.10	-3.96	-3.74	-3.87	-3.76

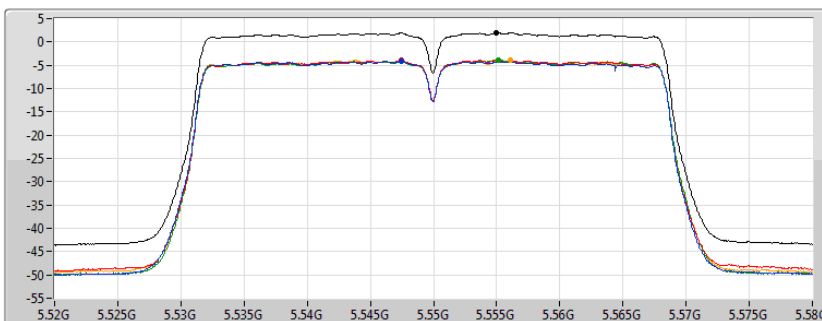
802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5550MHz

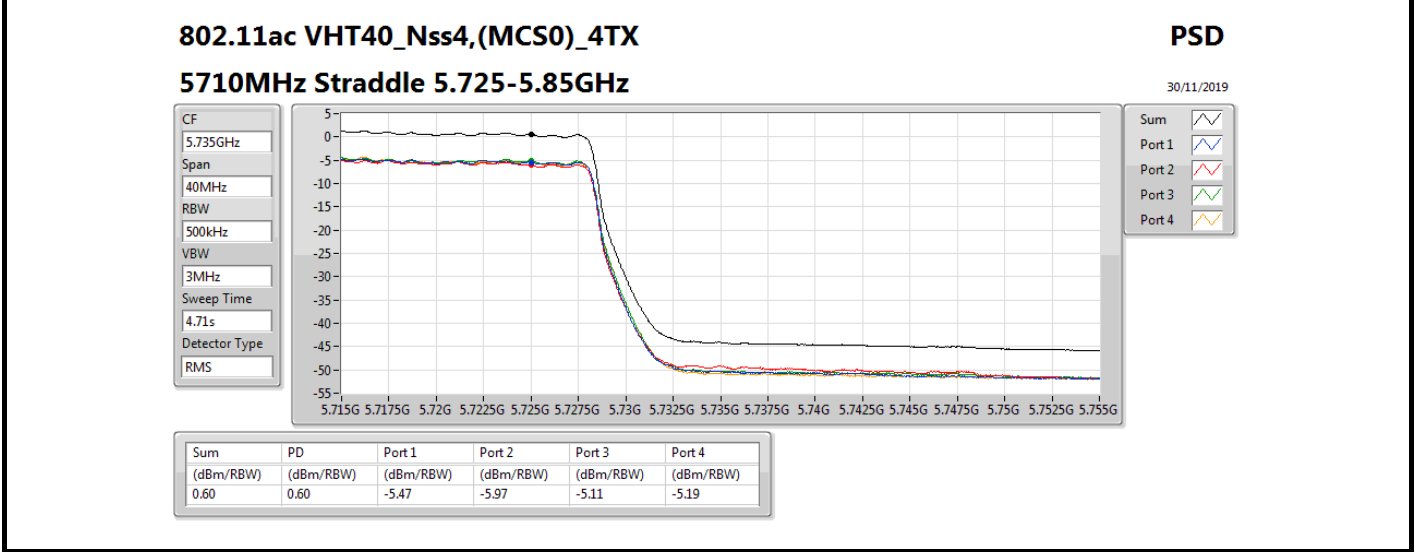
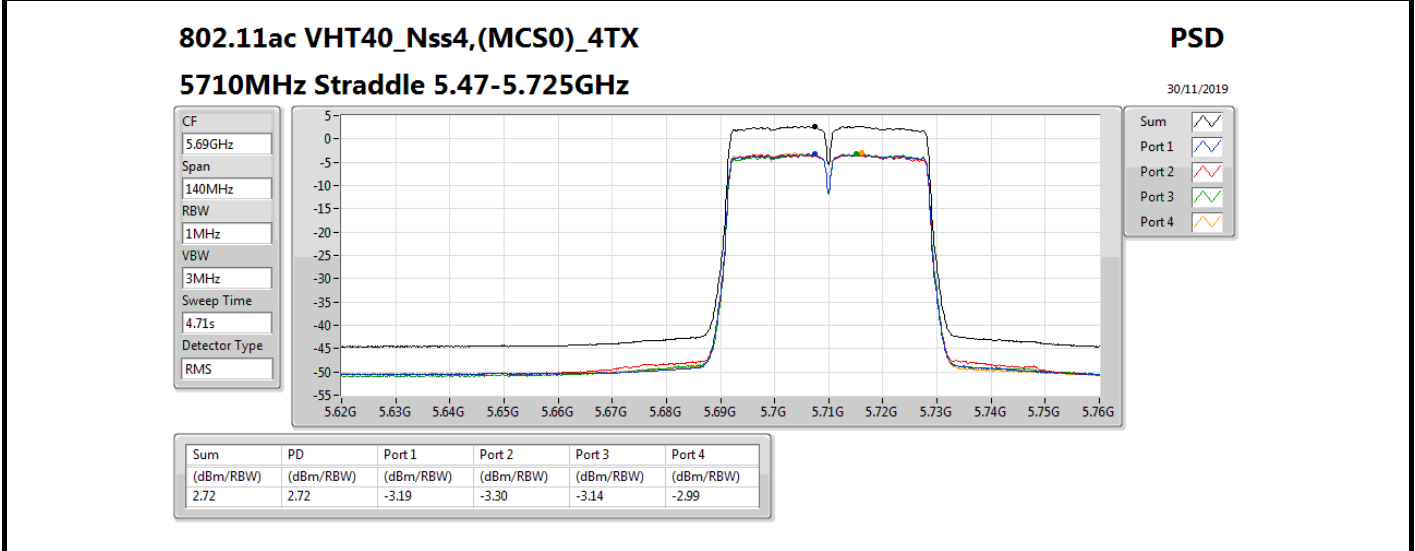
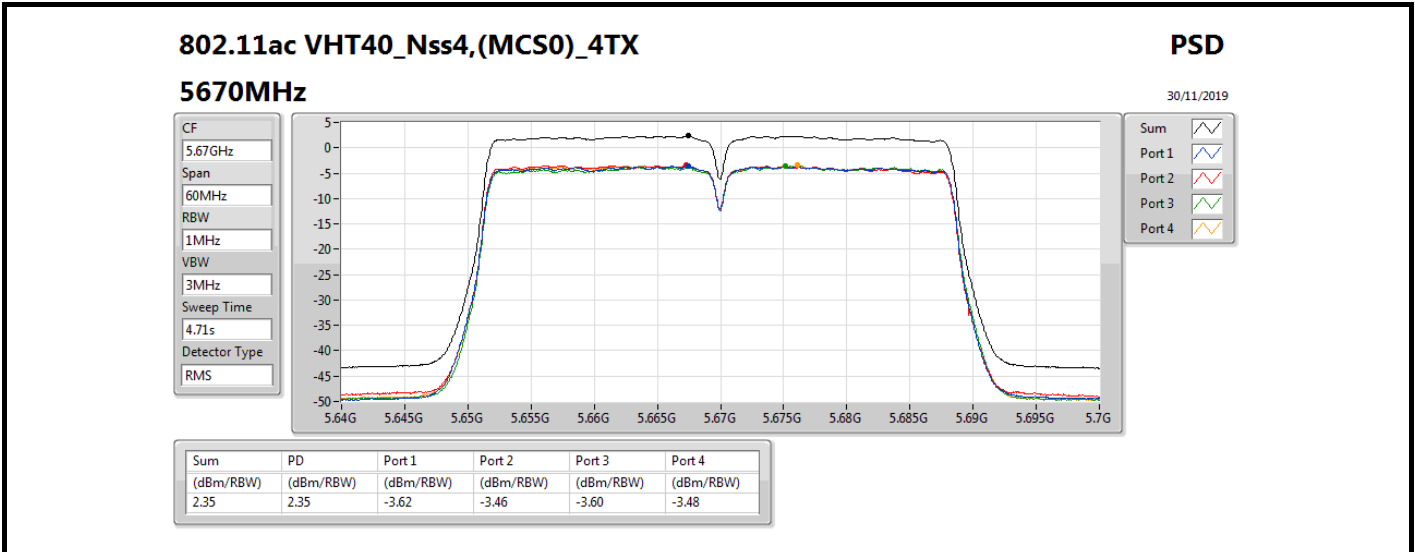
30/11/2019

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



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.95	1.95	-4.16	-3.96	-3.84	-3.93



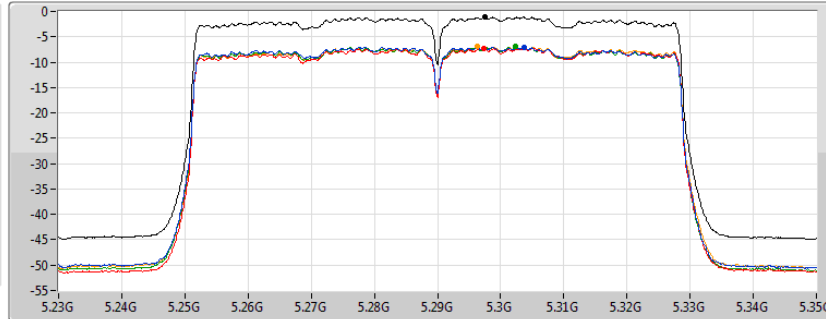
802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5290MHz

02/12/2019

CF
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.09	-1.09	-7.03	-7.26	-6.92	-6.86

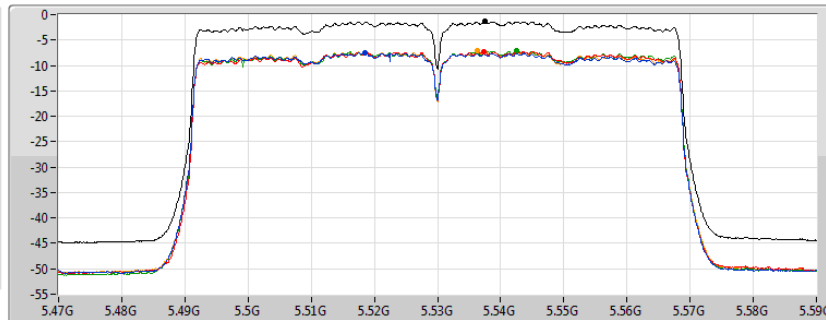
802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5530MHz

02/12/2019

CF
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.37	-1.37	-7.53	-7.22	-7.09	-7.18

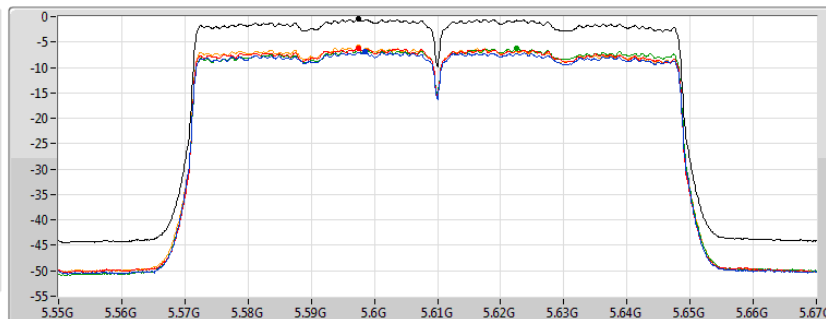
802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5610MHz

02/12/2019

CF
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
4.71s
Detector Type
RMS



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.48	-0.48	-6.98	-6.27	-6.26	-6.12

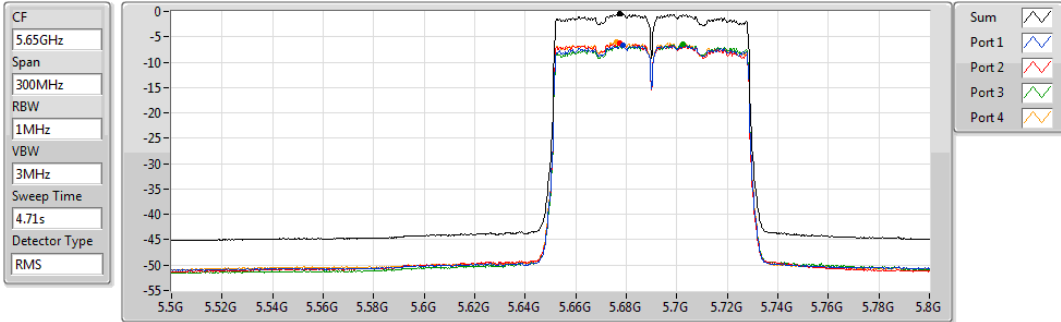


802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

02/12/2019



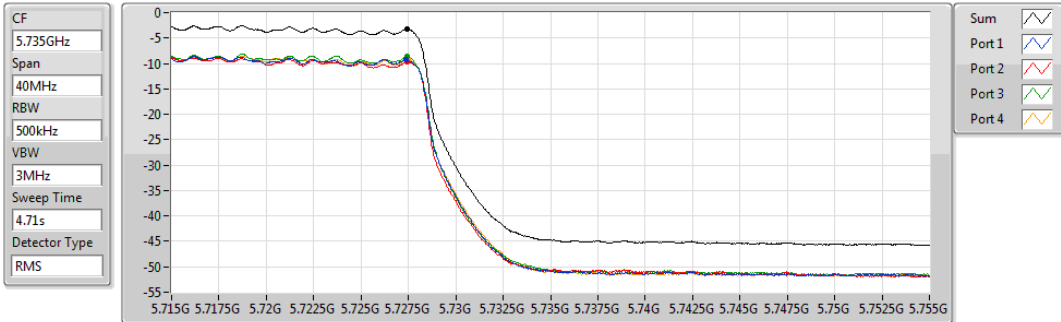
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.46	-0.46	-6.65	-6.28	-6.34	-6.08

802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

02/12/2019



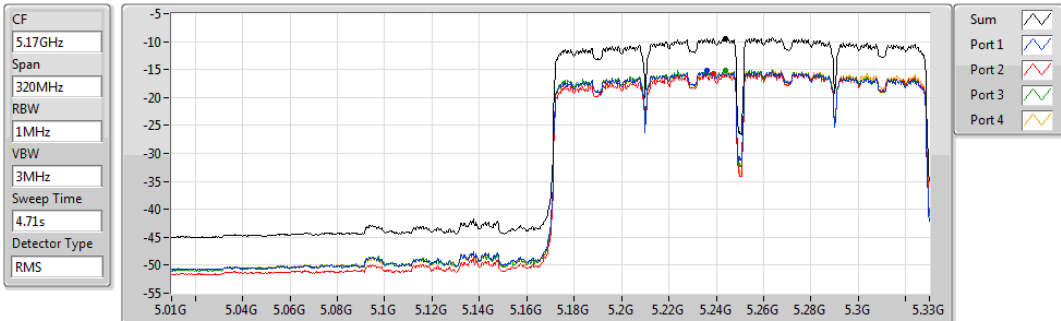
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.13	-3.13	-9.25	-9.64	-8.58	-9.13

802.11ac VHT160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

02/12/2019



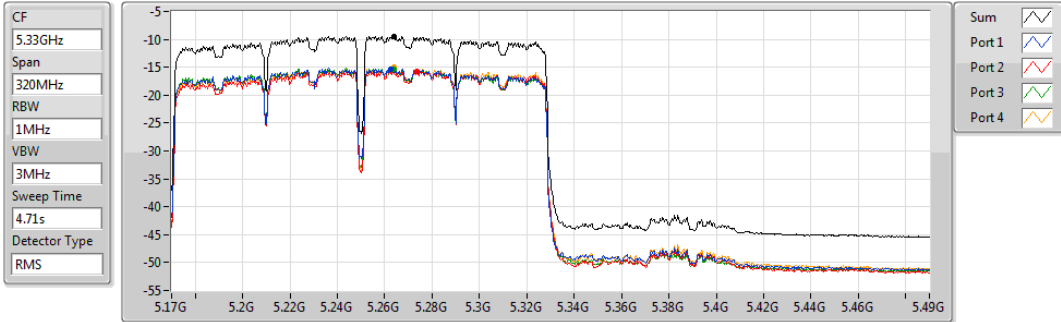
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.46	-9.46	-15.24	-15.76	-15.09	-15.27

802.11ac VHT160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

02/12/2019



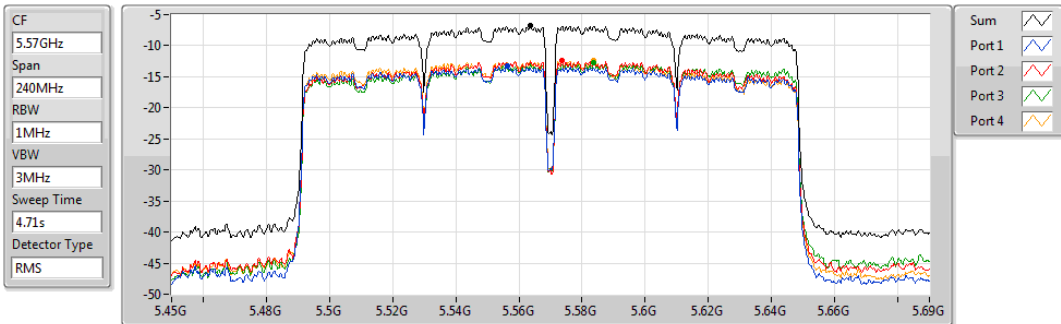
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.41	-9.41	-15.38	-15.66	-15.28	-15.04

802.11ac VHT160_Nss4,(MCS0)_4TX

PSD

5570MHz

02/12/2019



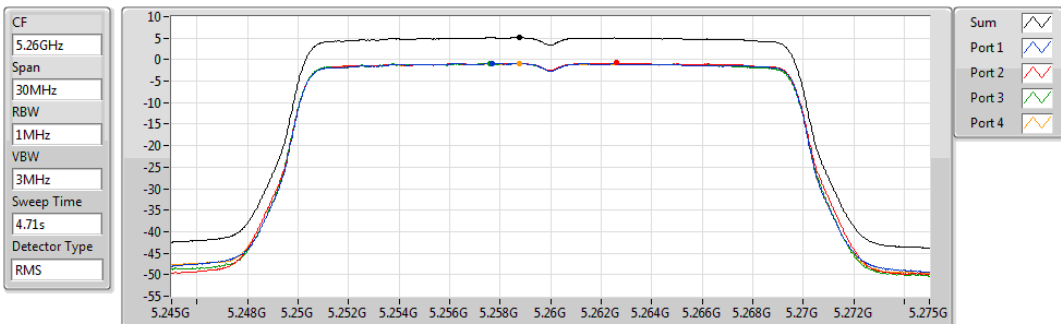
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.83	-6.83	-13.26	-12.44	-12.82	-12.36

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5260MHz

30/11/2019



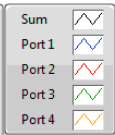
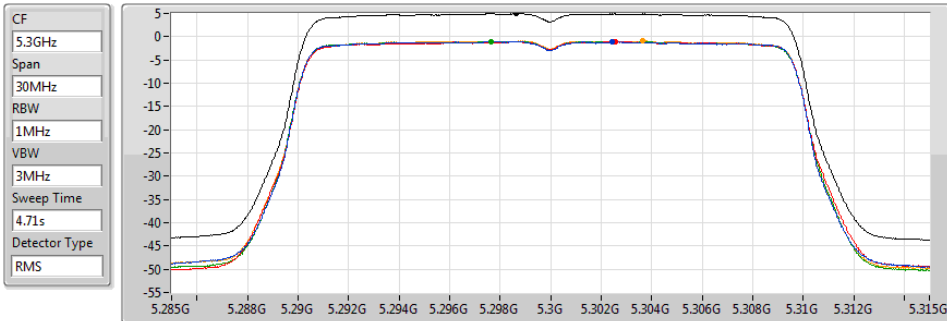
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.12	5.12	-0.90	-0.79	-0.81	-0.93

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5300MHz

30/11/2019



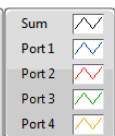
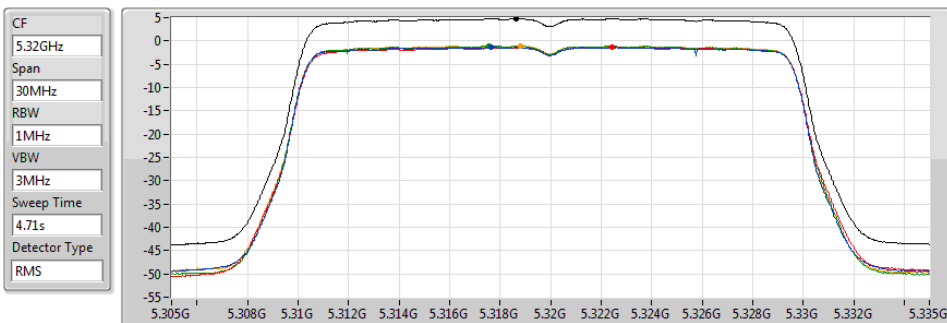
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.95	4.95	-1.09	-1.10	-1.01	-0.93

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5320MHz

30/11/2019



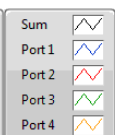
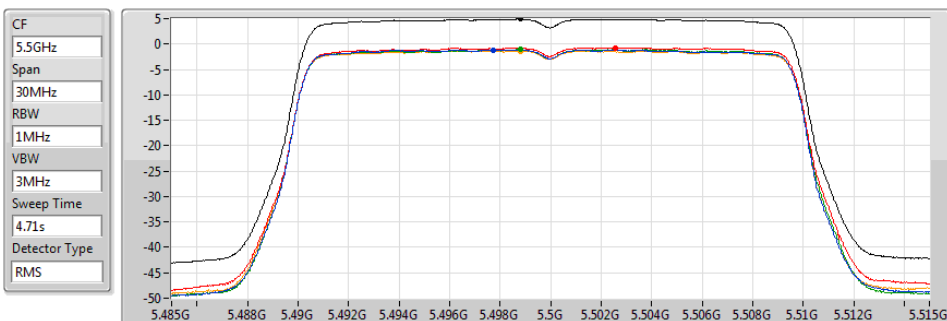
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.74	4.74	-1.39	-1.38	-1.09	-1.10

802.11ax HEW20_Nss4,(MCS0)_4TX

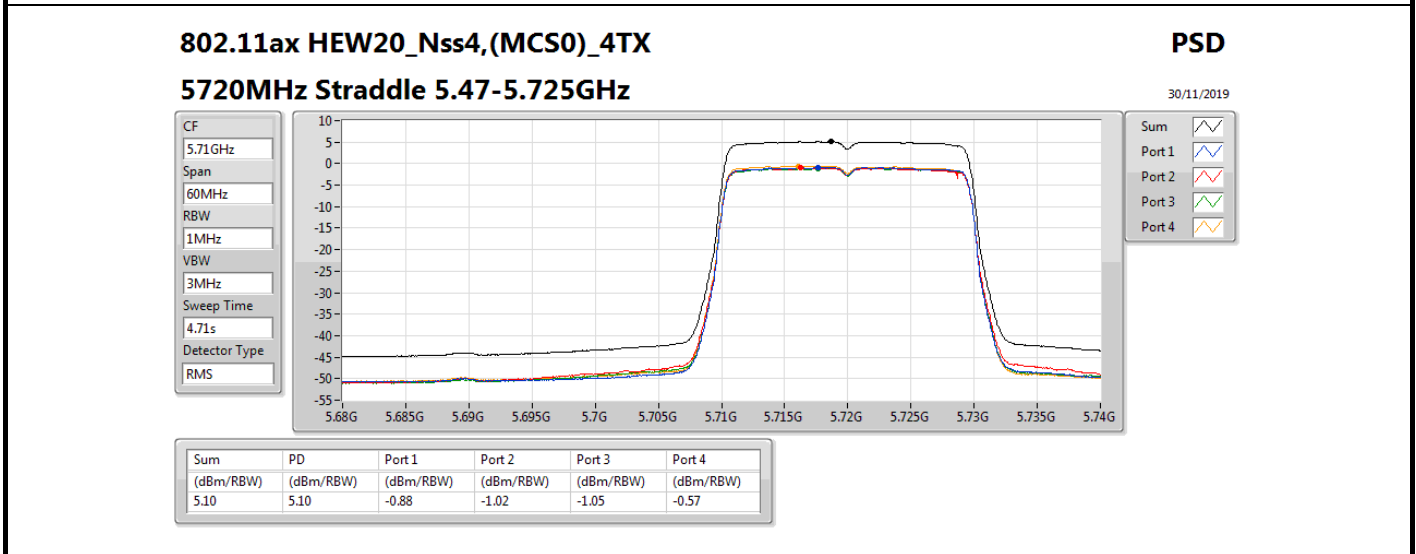
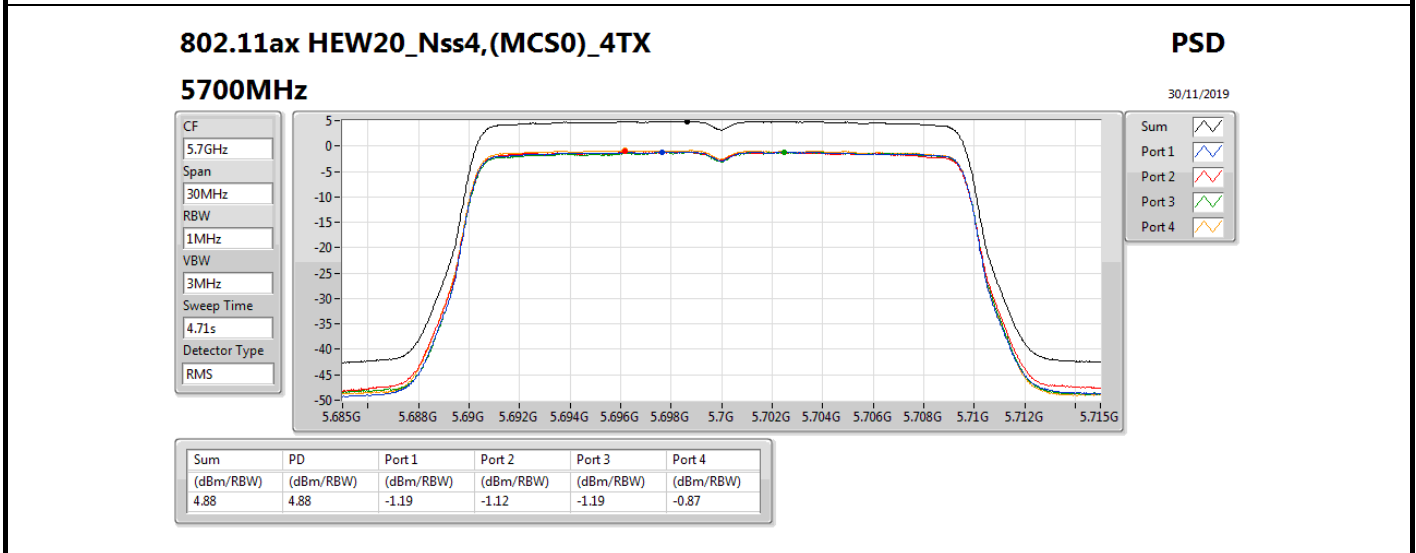
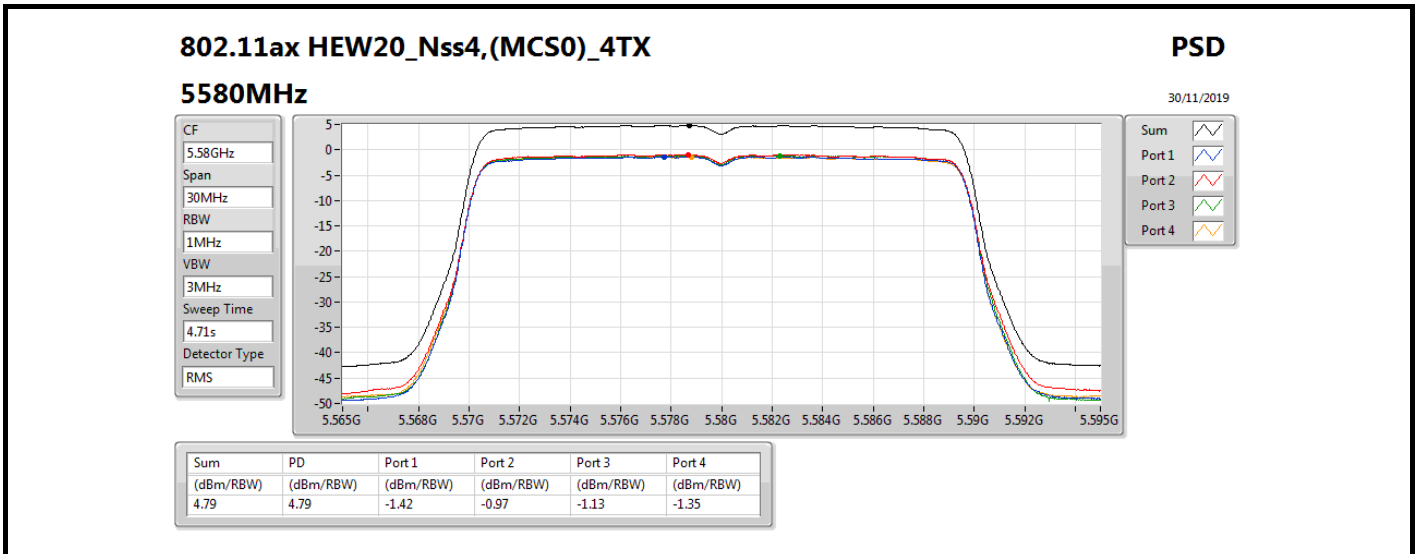
PSD

5500MHz

30/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.92	4.92	-1.16	-0.71	-1.03	-1.35

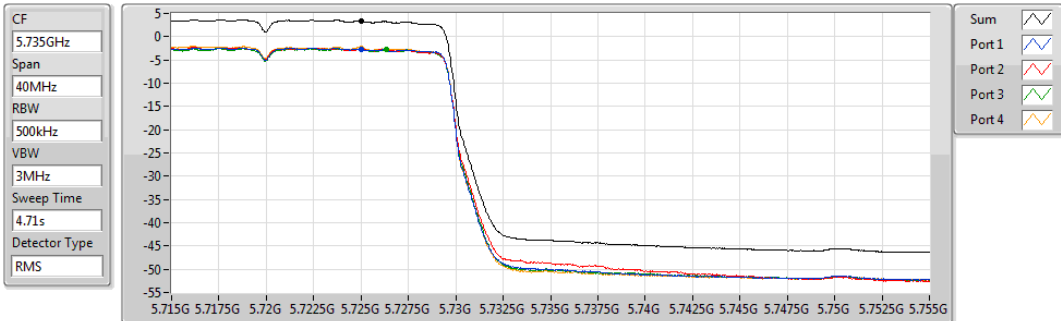


802.11ax HEW20_Nss4,(MCS0)_4TX

5720MHz Straddle 5.725-5.85GHz

PSD

30/11/2019



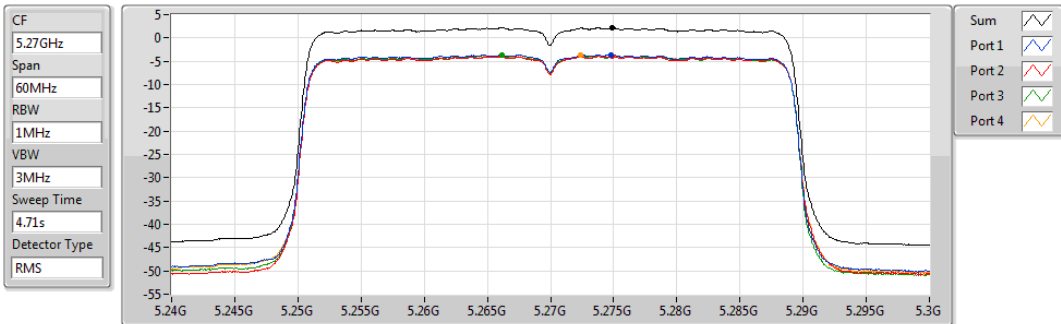
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.37	3.37	-2.76	-2.66	-2.70	-2.39

802.11ax HEW40_Nss4,(MCS0)_4TX

5270MHz

PSD

30/11/2019



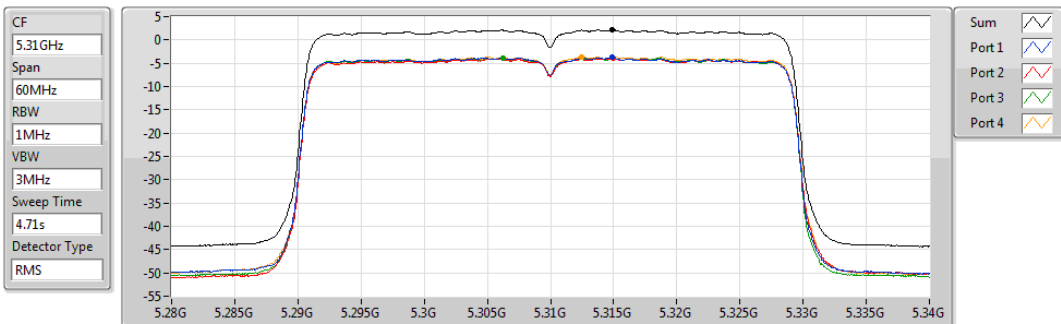
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.18	2.18	-3.58	-3.95	-3.77	-3.77

802.11ax HEW40_Nss4,(MCS0)_4TX

5310MHz

PSD

30/11/2019



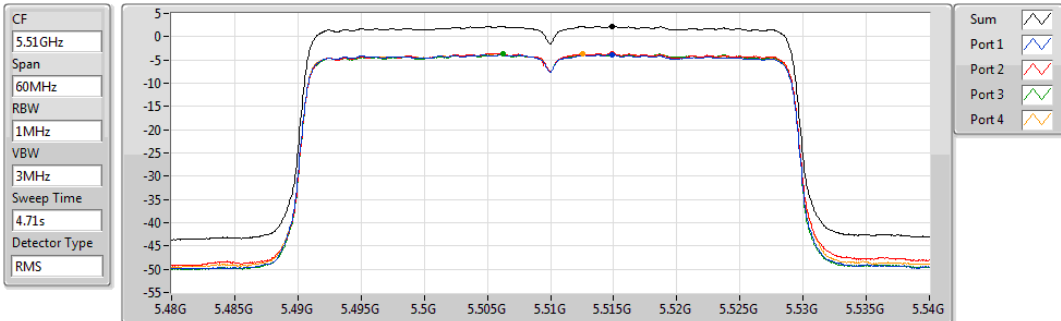
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.15	2.15	-3.77	-4.02	-3.80	-3.63

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5510MHz

30/11/2019



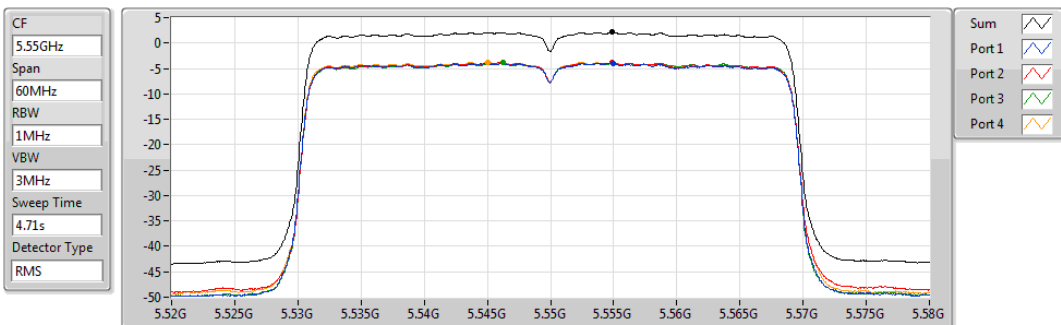
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.24	2.24	-3.85	-3.63	-3.72	-3.69

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5550MHz

30/11/2019



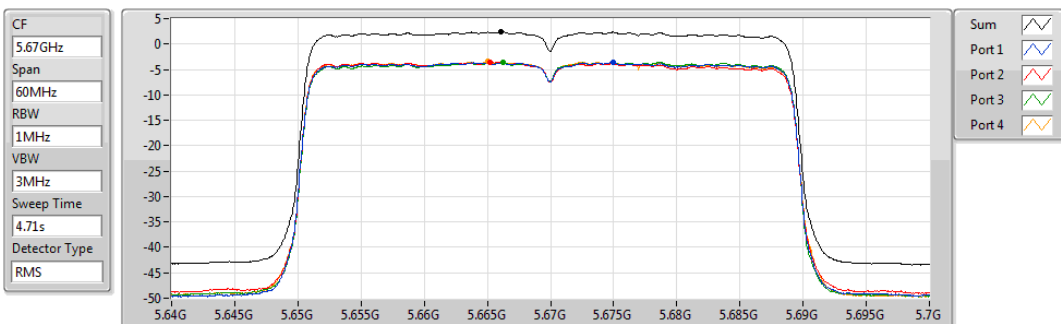
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.10	2.10	-3.92	-3.86	-3.88	-3.77

802.11ax HEW40_Nss4,(MCS0)_4TX

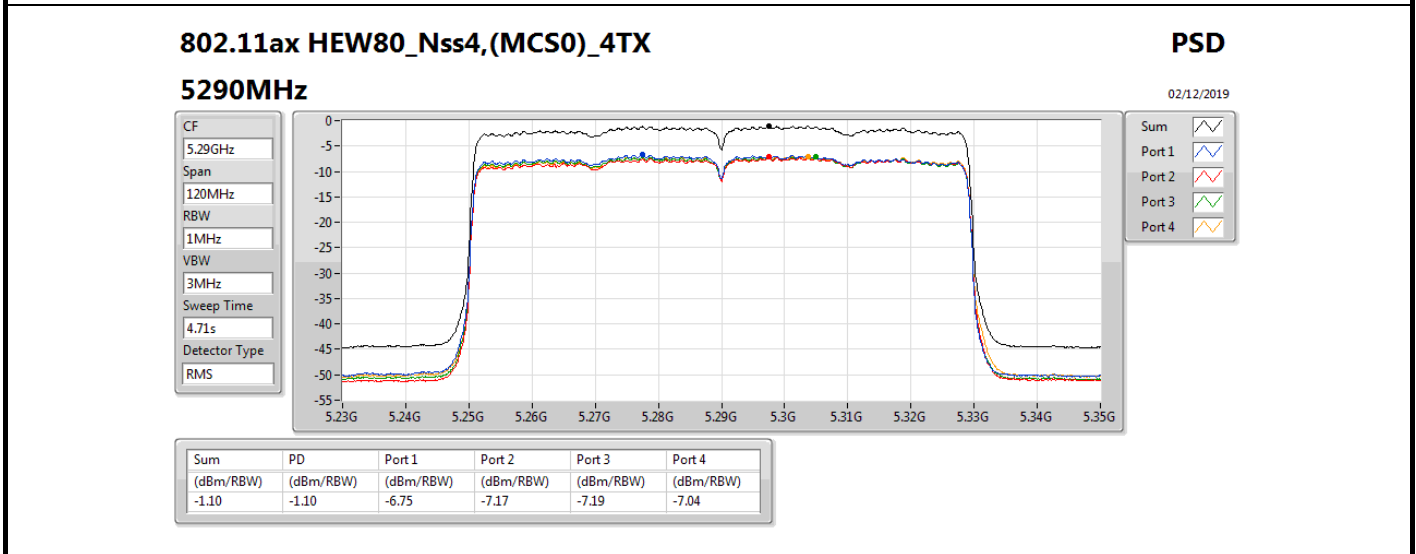
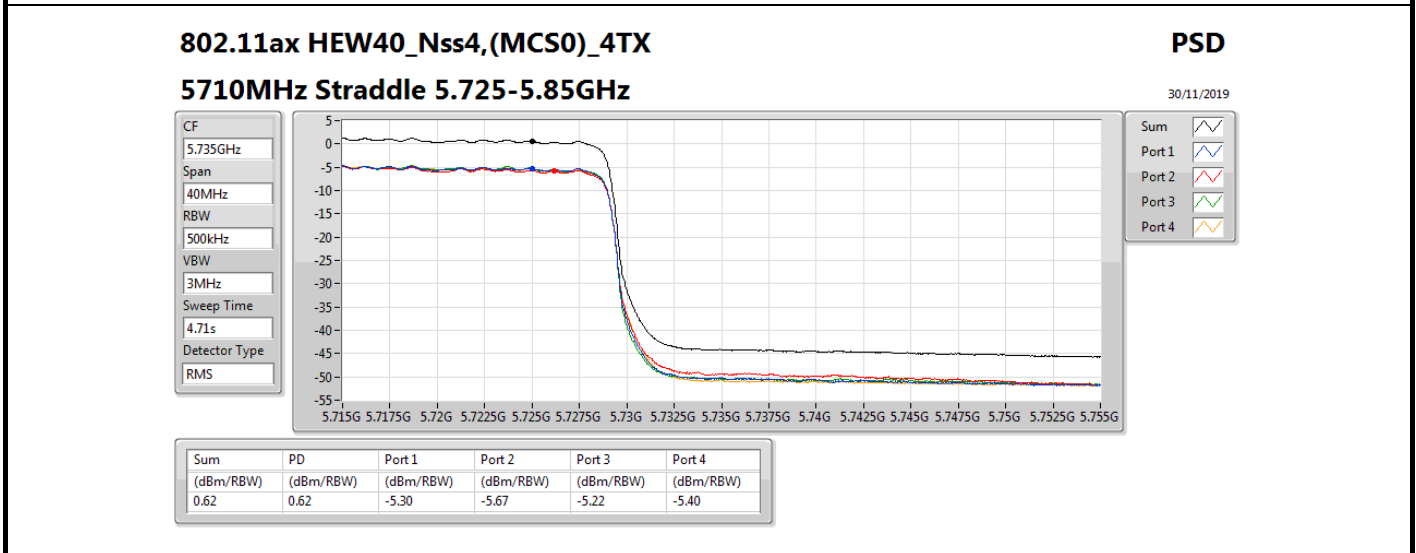
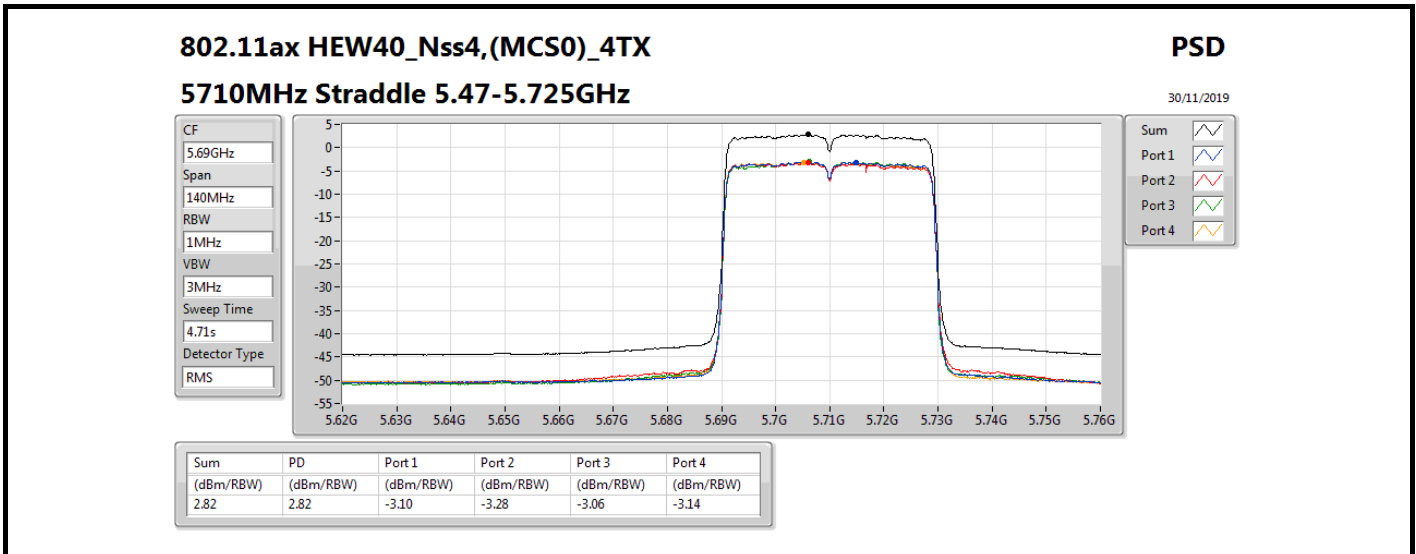
PSD

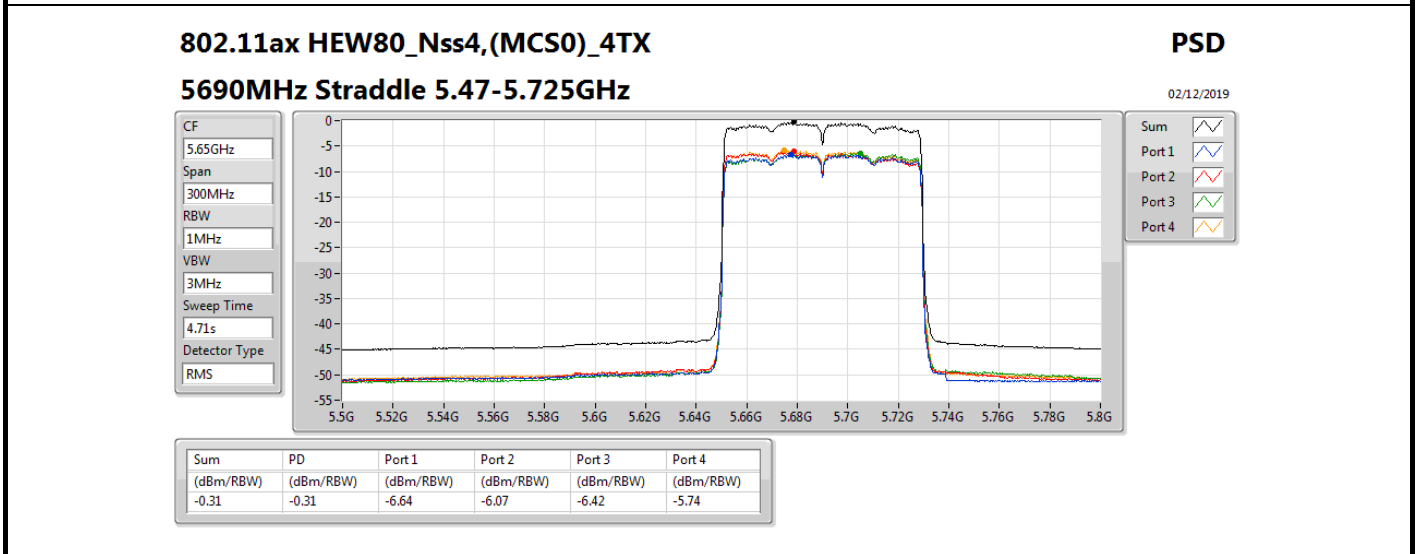
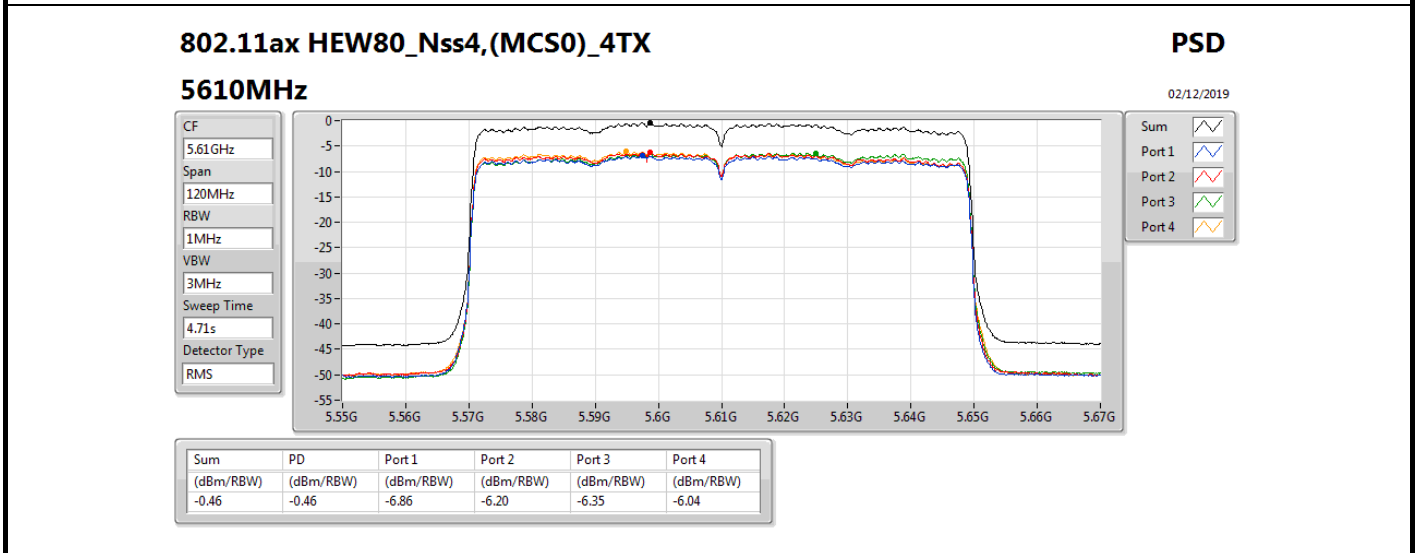
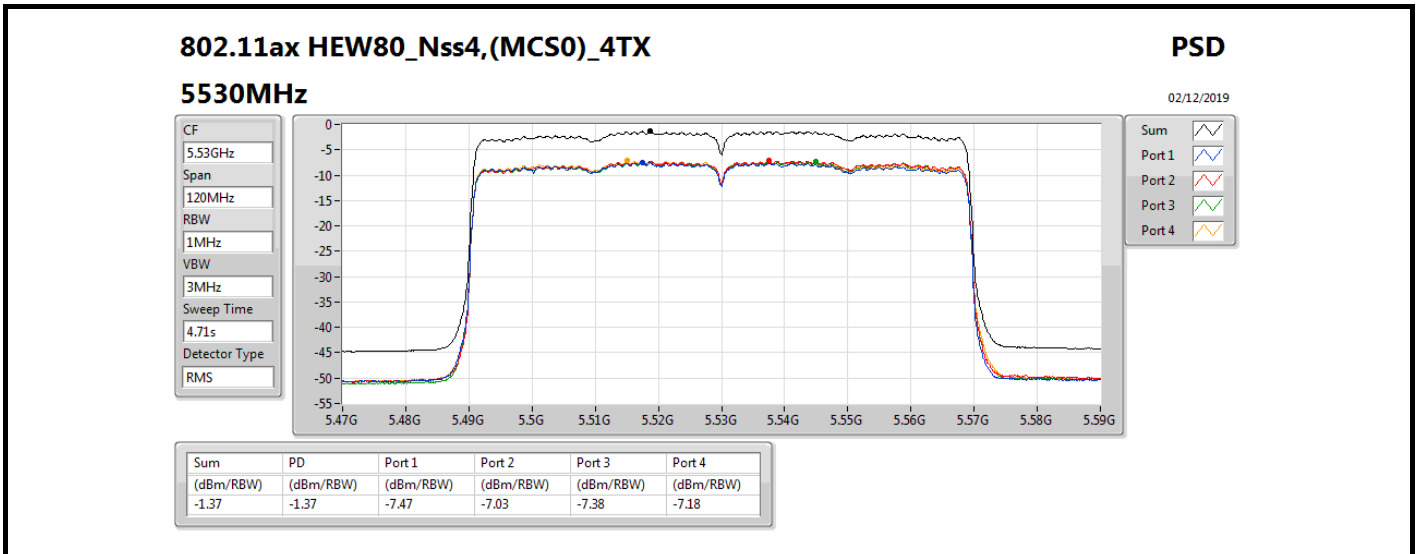
5670MHz

30/11/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.38	2.38	-3.65	-3.61	-3.55	-3.48



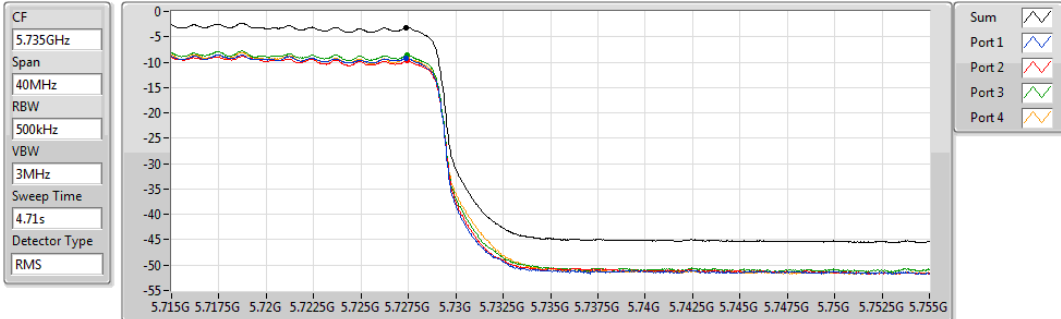


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

02/12/2019



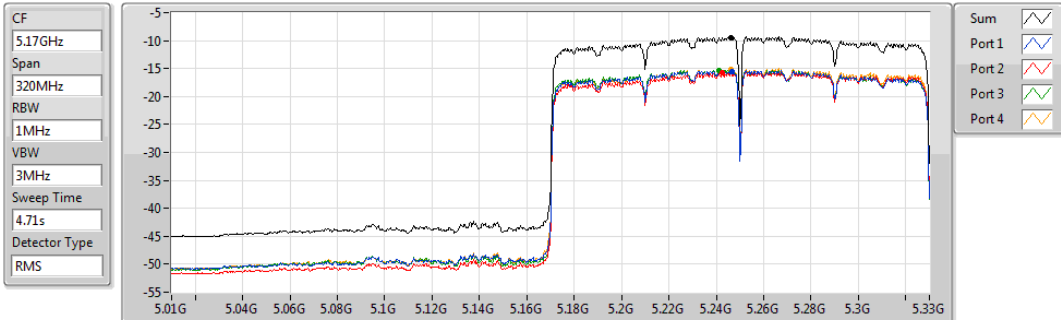
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.13	-3.13	-9.19	-9.71	-8.53	-9.21

802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

02/12/2019



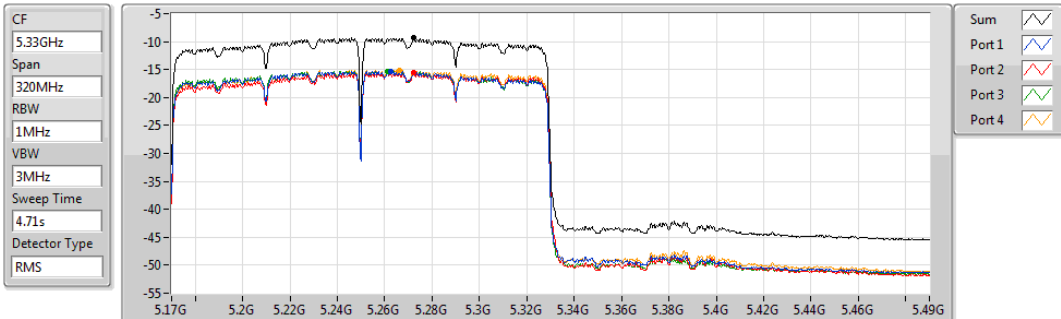
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.44	-9.44	-15.46	-15.77	-15.28	-15.15

802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

02/12/2019



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.37	-9.37	-15.36	-15.57	-15.35	-15.09



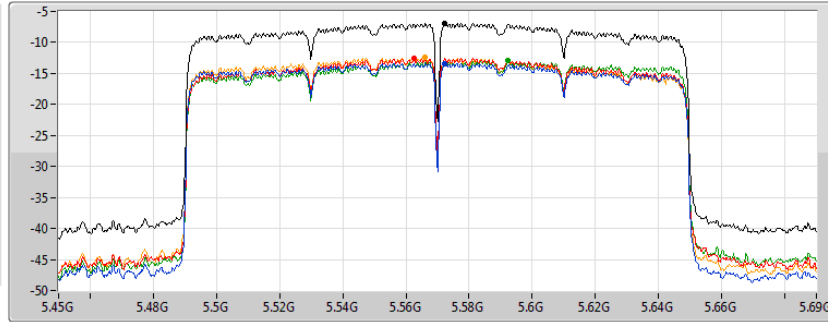
802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5570MHz

02/12/2019

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



Sum
Port 1
Port 2
Port 3
Port 4

Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-6.89	-6.89	-13.42	-12.56	-12.93	-12.47



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	7.97	15.97
802.11ac VHT20_Nss1,(MCS0)_1TX	7.69	15.69
802.11ac VHT40_Nss1,(MCS0)_1TX	4.61	12.61
802.11ac VHT80_Nss1,(MCS0)_1TX	-4.27	3.73
802.11ax HEW20_Nss1,(MCS0)_1TX	7.53	15.53
802.11ax HEW40_Nss1,(MCS0)_1TX	4.43	12.43
802.11ax HEW80_Nss1,(MCS0)_1TX	-4.23	3.77
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.76	16.76
802.11ac VHT20_Nss1,(MCS0)_1TX	9.00	17.00
802.11ac VHT40_Nss1,(MCS0)_1TX	5.32	13.32
802.11ac VHT80_Nss1,(MCS0)_1TX	1.42	9.42
802.11ax HEW20_Nss1,(MCS0)_1TX	8.93	16.93
802.11ax HEW40_Nss1,(MCS0)_1TX	5.18	13.18
802.11ax HEW80_Nss1,(MCS0)_1TX	1.33	9.33
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	6.97	14.97
802.11ac VHT20_Nss1,(MCS0)_1TX	7.29	15.29
802.11ac VHT40_Nss1,(MCS0)_1TX	3.20	11.20
802.11ac VHT80_Nss1,(MCS0)_1TX	-1.24	6.76
802.11ax HEW20_Nss1,(MCS0)_1TX	7.20	15.20
802.11ax HEW40_Nss1,(MCS0)_1TX	3.19	11.19
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.16	6.84

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	8.00	7.97	7.97	9.00	15.97	17.00
5300MHz_TnomVnom	Pass	8.00	7.90	7.90	9.00	15.90	17.00
5320MHz_TnomVnom	Pass	8.00	5.55	5.55	9.00	13.55	17.00
5500MHz_TnomVnom	Pass	8.00	3.46	3.46	9.00	11.46	17.00
5580MHz_TnomVnom	Pass	8.00	7.84	7.84	9.00	15.84	17.00
5700MHz_TnomVnom	Pass	8.00	4.03	4.03	9.00	12.03	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.00	8.76	8.76	9.00	16.76	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.00	6.97	6.97	28.00	14.97	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	8.00	7.69	7.69	9.00	15.69	17.00
5300MHz_TnomVnom	Pass	8.00	7.58	7.58	9.00	15.58	17.00
5320MHz_TnomVnom	Pass	8.00	5.04	5.04	9.00	13.04	17.00
5500MHz_TnomVnom	Pass	8.00	3.72	3.72	9.00	11.72	17.00
5580MHz_TnomVnom	Pass	8.00	7.59	7.59	9.00	15.59	17.00
5700MHz_TnomVnom	Pass	8.00	0.51	0.51	9.00	8.51	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.00	9.00	9.00	9.00	17.00	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.00	7.29	7.29	28.00	15.29	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	8.00	4.61	4.61	9.00	12.61	17.00
5310MHz_TnomVnom	Pass	8.00	-1.97	-1.97	9.00	6.03	17.00
5510MHz_TnomVnom	Pass	8.00	-1.52	-1.52	9.00	6.48	17.00
5550MHz_TnomVnom	Pass	8.00	4.56	4.56	9.00	12.56	17.00
5670MHz_TnomVnom	Pass	8.00	1.93	1.93	9.00	9.93	17.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.00	5.32	5.32	9.00	13.32	17.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.00	3.20	3.20	28.00	11.20	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	8.00	-4.27	-4.27	9.00	3.73	17.00
5530MHz_TnomVnom	Pass	8.00	-5.42	-5.42	9.00	2.58	17.00
5610MHz_TnomVnom	Pass	8.00	-0.42	-0.42	9.00	7.58	17.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.00	1.42	1.42	9.00	9.42	17.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.00	-1.24	-1.24	28.00	6.76	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	8.00	7.51	7.51	9.00	15.51	17.00
5300MHz_TnomVnom	Pass	8.00	7.53	7.53	9.00	15.53	17.00
5320MHz_TnomVnom	Pass	8.00	5.03	5.03	9.00	13.03	17.00
5500MHz_TnomVnom	Pass	8.00	3.76	3.76	9.00	11.76	17.00
5580MHz_TnomVnom	Pass	8.00	7.58	7.58	9.00	15.58	17.00
5700MHz_TnomVnom	Pass	8.00	0.53	0.53	9.00	8.53	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.00	8.93	8.93	9.00	16.93	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.00	7.20	7.20	28.00	15.20	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	8.00	4.43	4.43	9.00	12.43	17.00
5310MHz_TnomVnom	Pass	8.00	-1.86	-1.86	9.00	6.14	17.00



Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5510MHz_TnomVnom	Pass	8.00	-1.40	-1.40	9.00	6.60	17.00
5550MHz_TnomVnom	Pass	8.00	4.70	4.70	9.00	12.70	17.00
5670MHz_TnomVnom	Pass	8.00	1.89	1.89	9.00	9.89	17.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.00	5.18	5.18	9.00	13.18	17.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.00	3.19	3.19	28.00	11.19	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	8.00	-4.23	-4.23	9.00	3.77	17.00
5530MHz_TnomVnom	Pass	8.00	-5.39	-5.39	9.00	2.61	17.00
5610MHz_TnomVnom	Pass	8.00	-0.45	-0.45	9.00	7.55	17.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.00	1.33	1.33	9.00	9.33	17.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.00	-1.16	-1.16	28.00	6.84	36.00

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

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