



Result

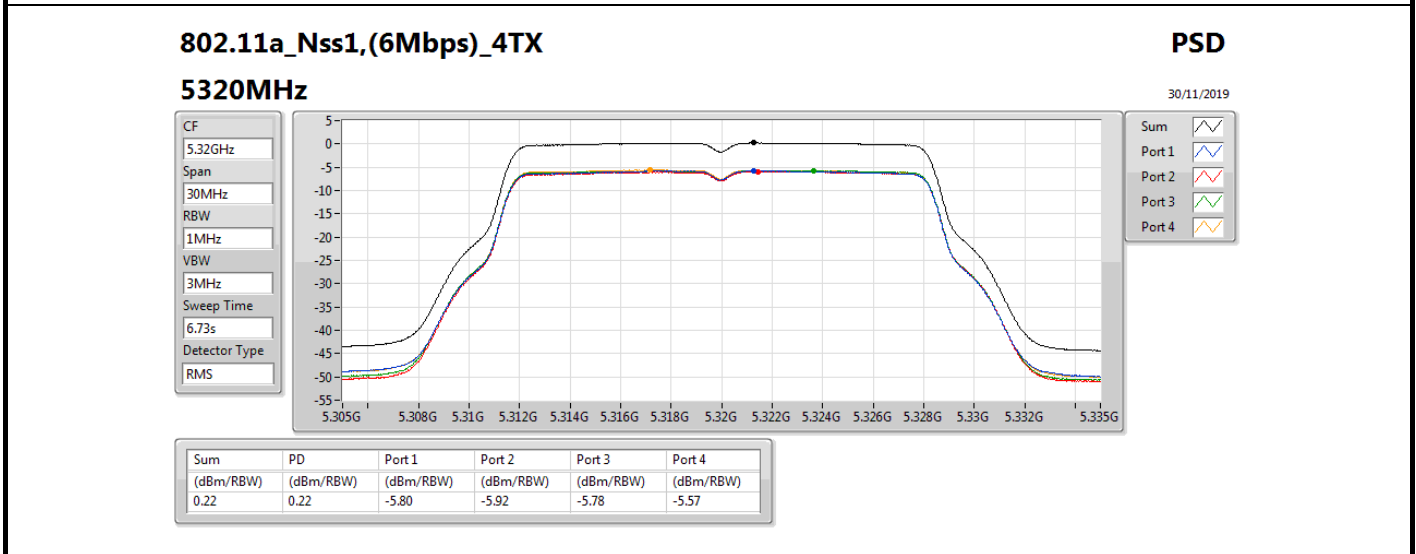
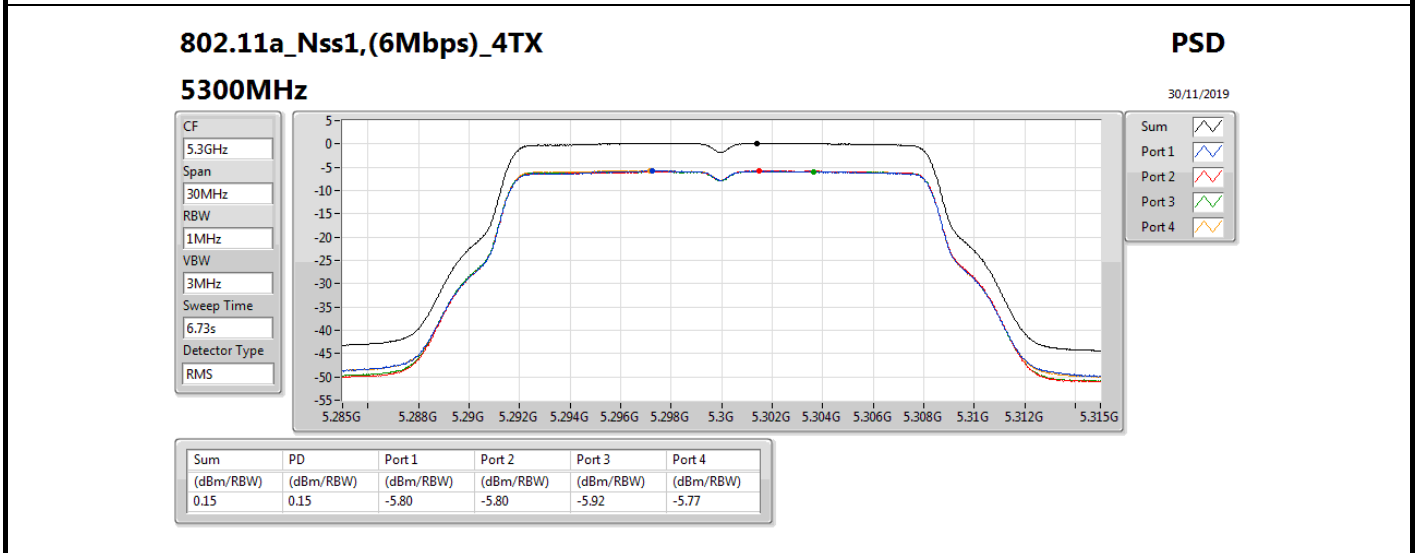
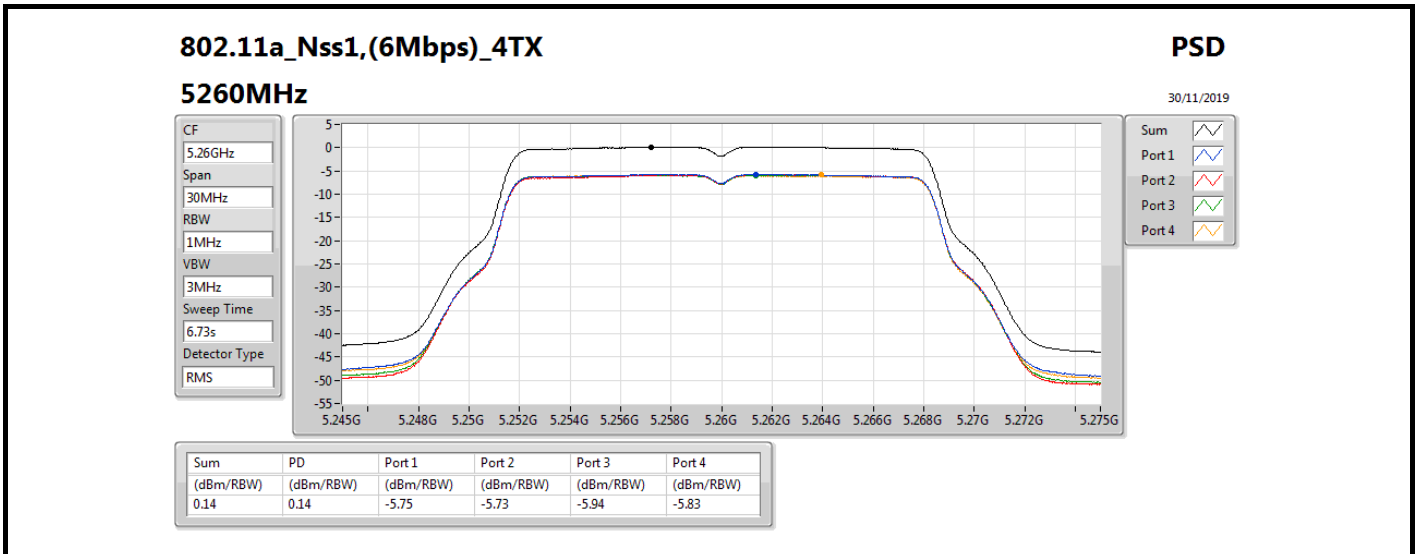
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	16.72	-5.75	-5.73	-5.94	-5.83	0.14	0.28	16.86	17.00
5300MHz_TnomVnom	Pass	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

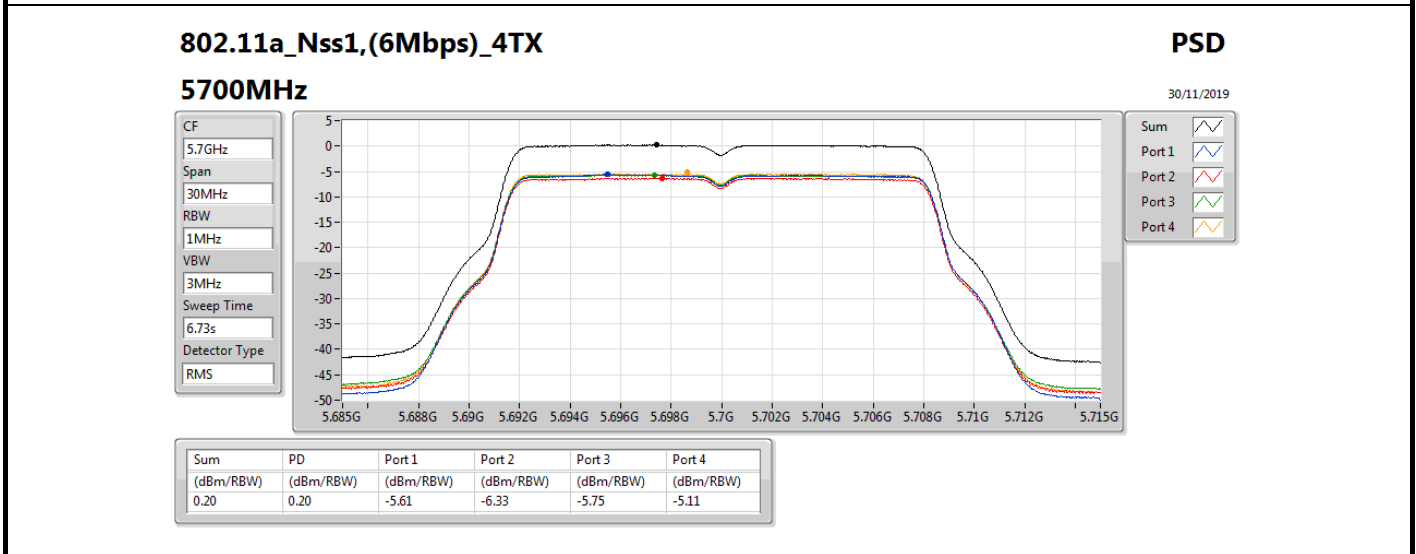
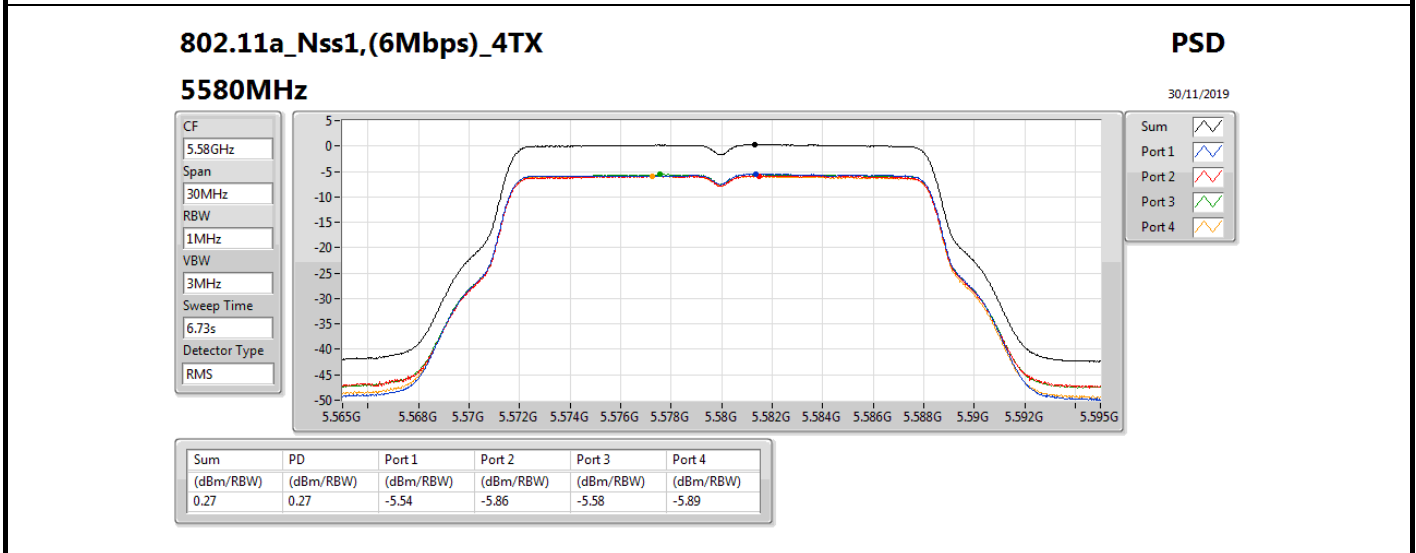
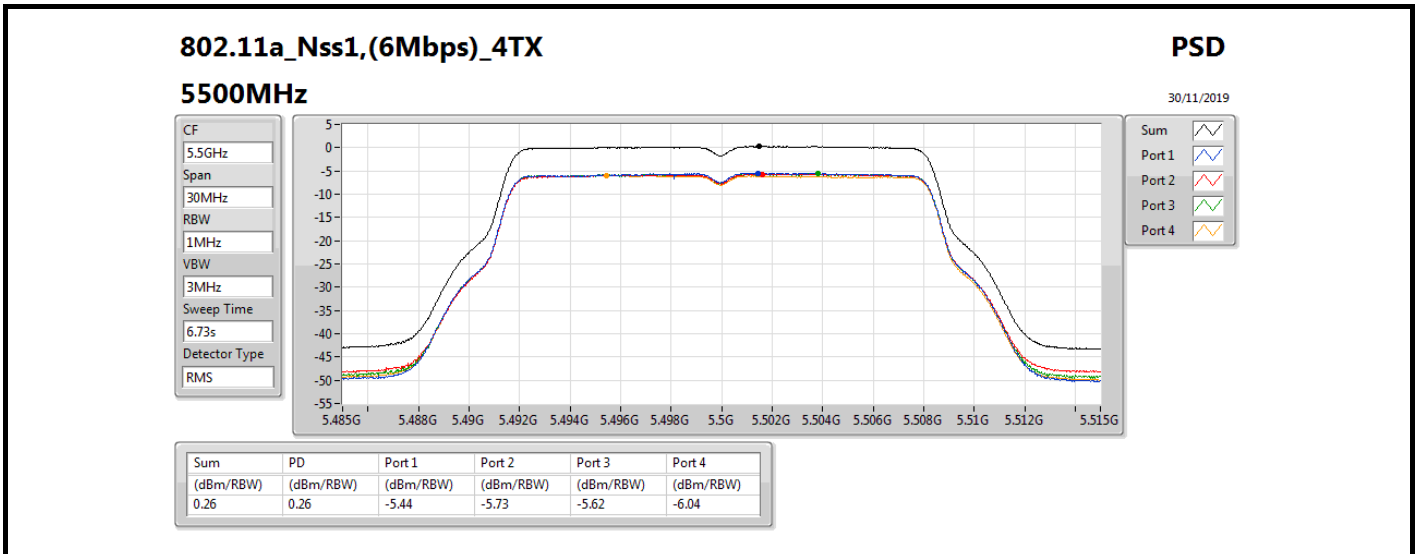


Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	16.72	-7.90	-8.06	-7.69	-7.54	-1.82	19.28	14.90	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
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;

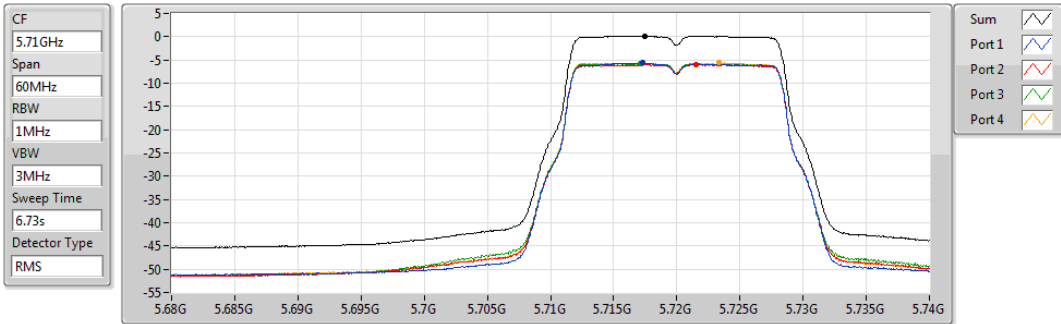




802.11a_Nss1,(6Mbps)_4TX
5720MHz Straddle 5.47-5.725GHz

PSD

30/11/2019

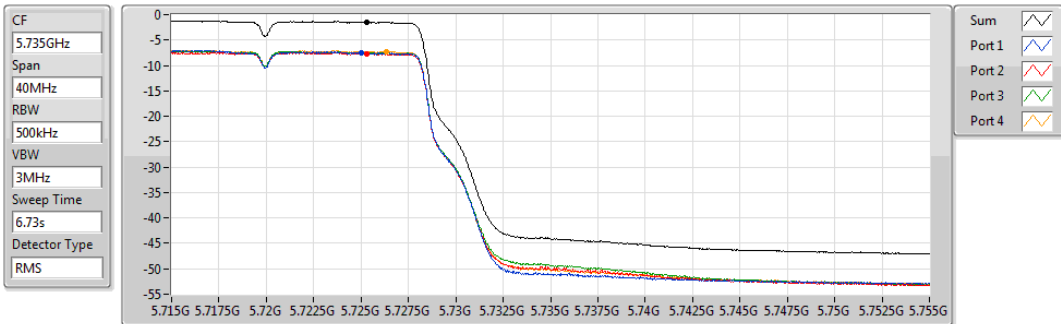


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.17	0.17	-5.65	-6.04	-5.79	-5.51

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

PSD

30/11/2019

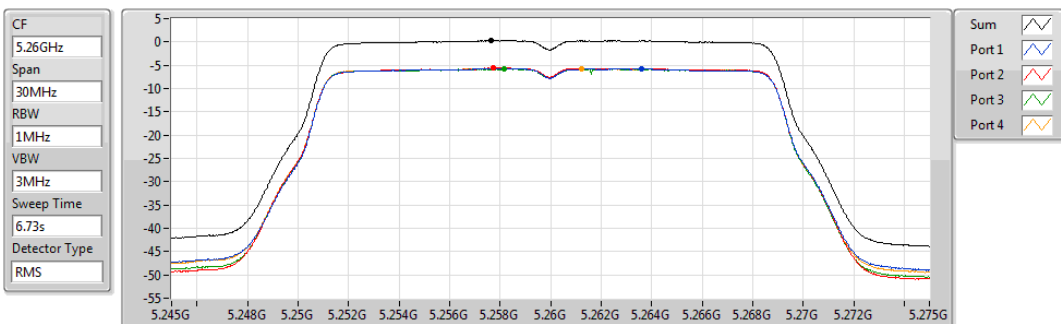


Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.47	-1.47	-7.52	-7.63	-7.53	-7.24

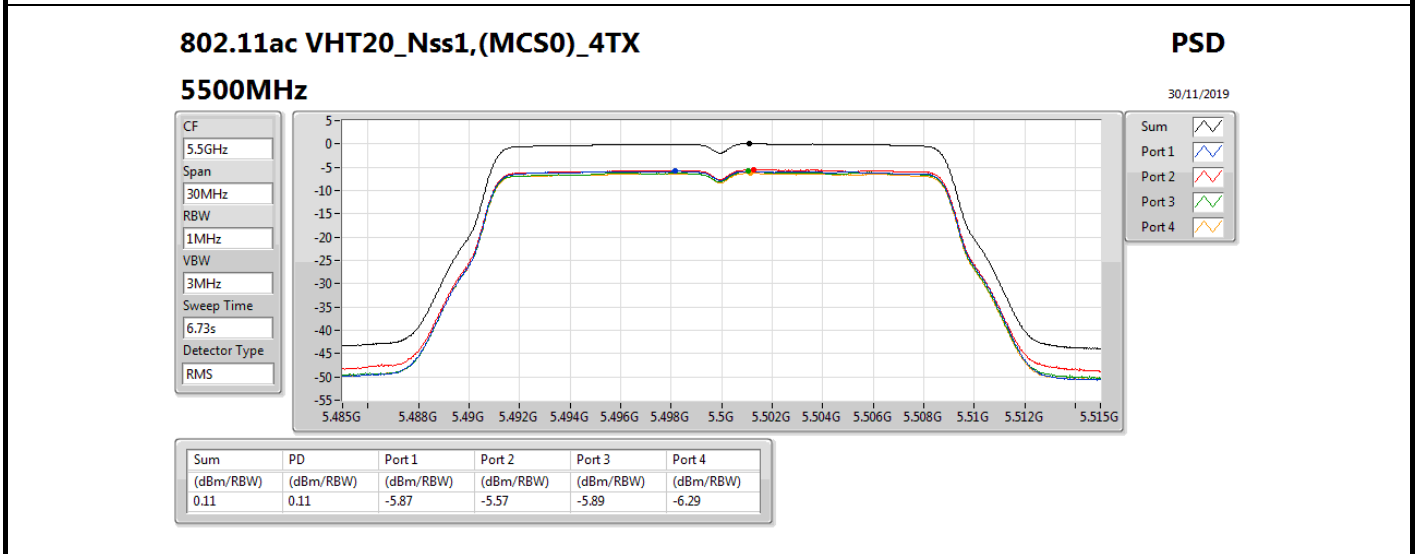
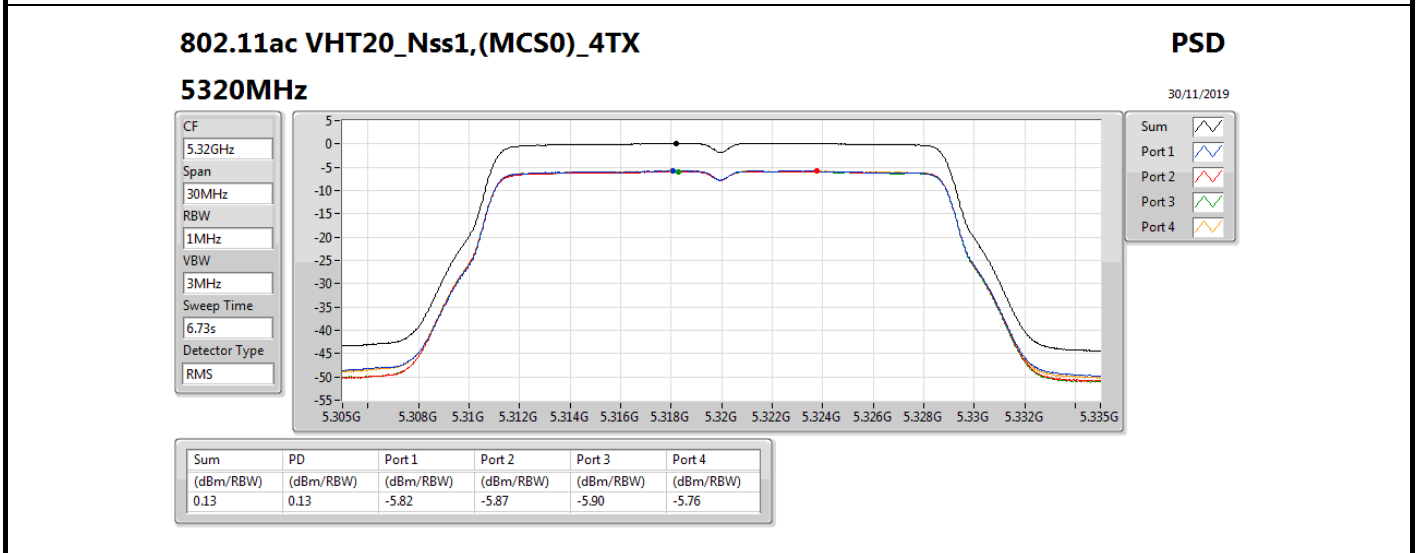
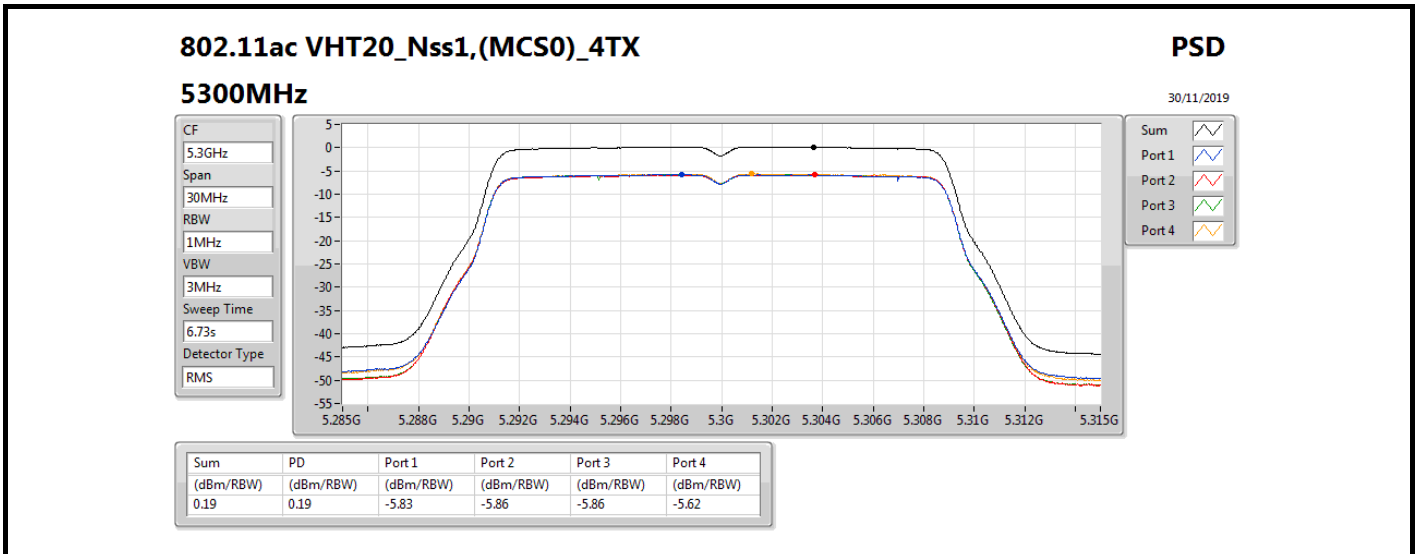
802.11ac VHT20_Nss1,(MCS0)_4TX
5260MHz

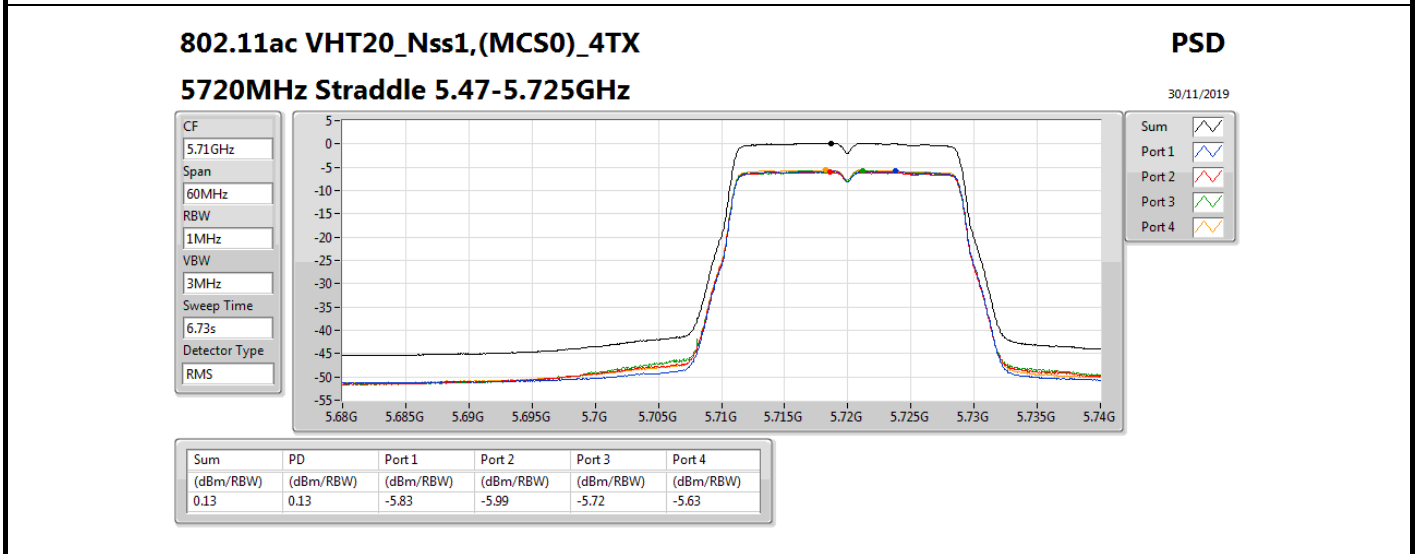
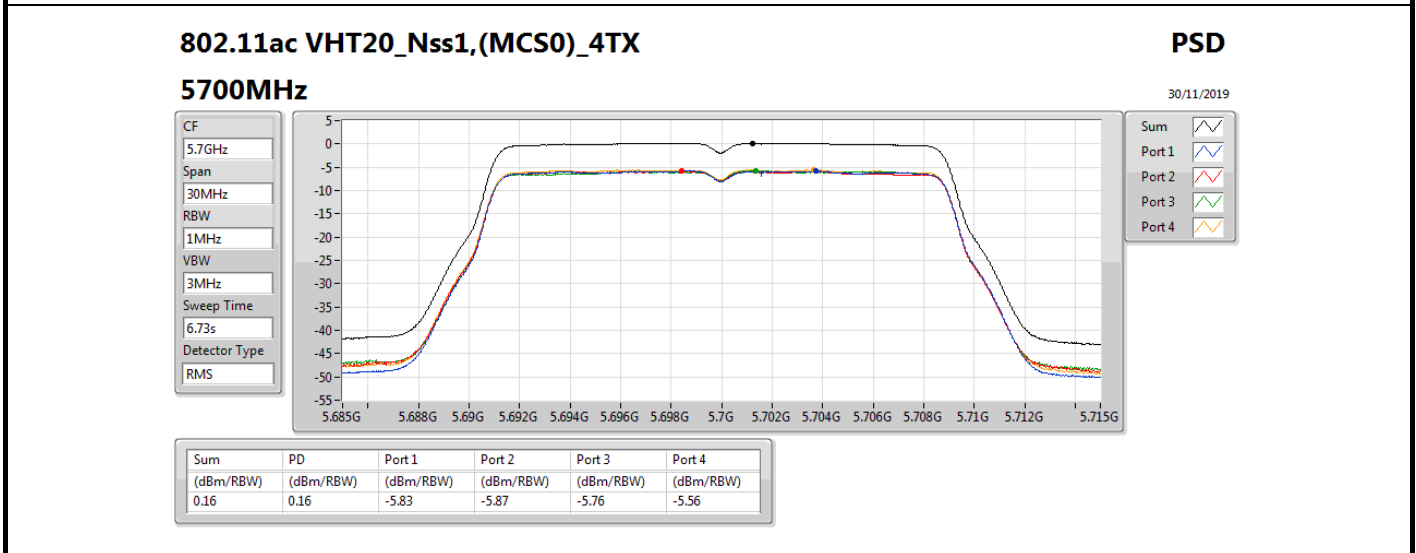
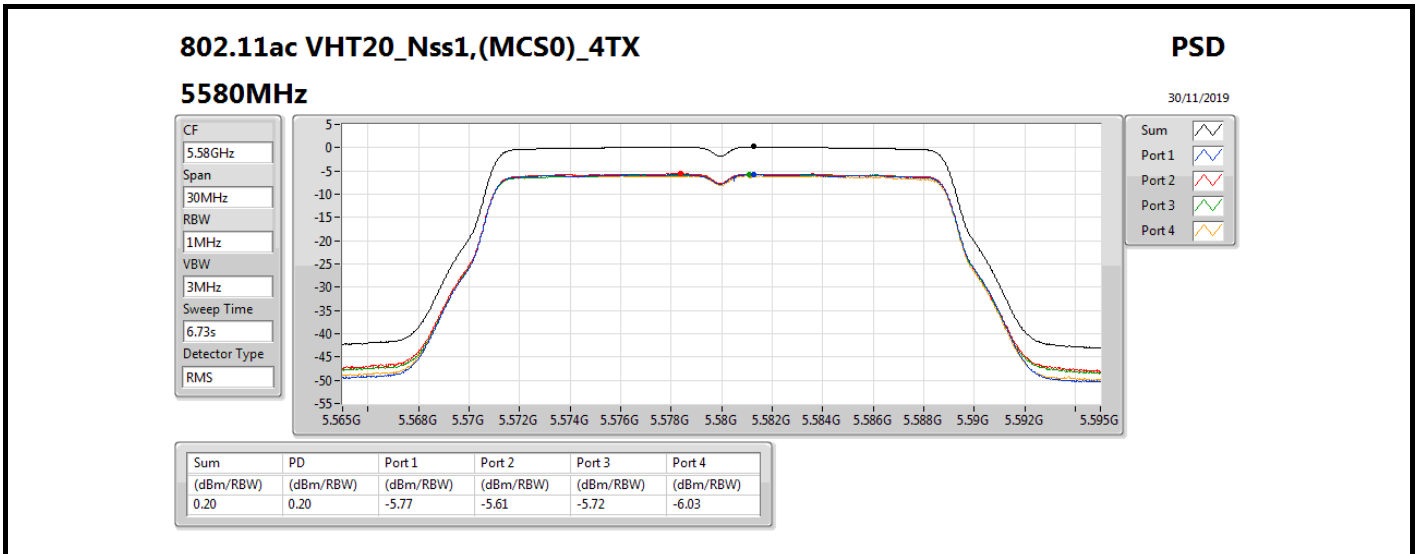
PSD

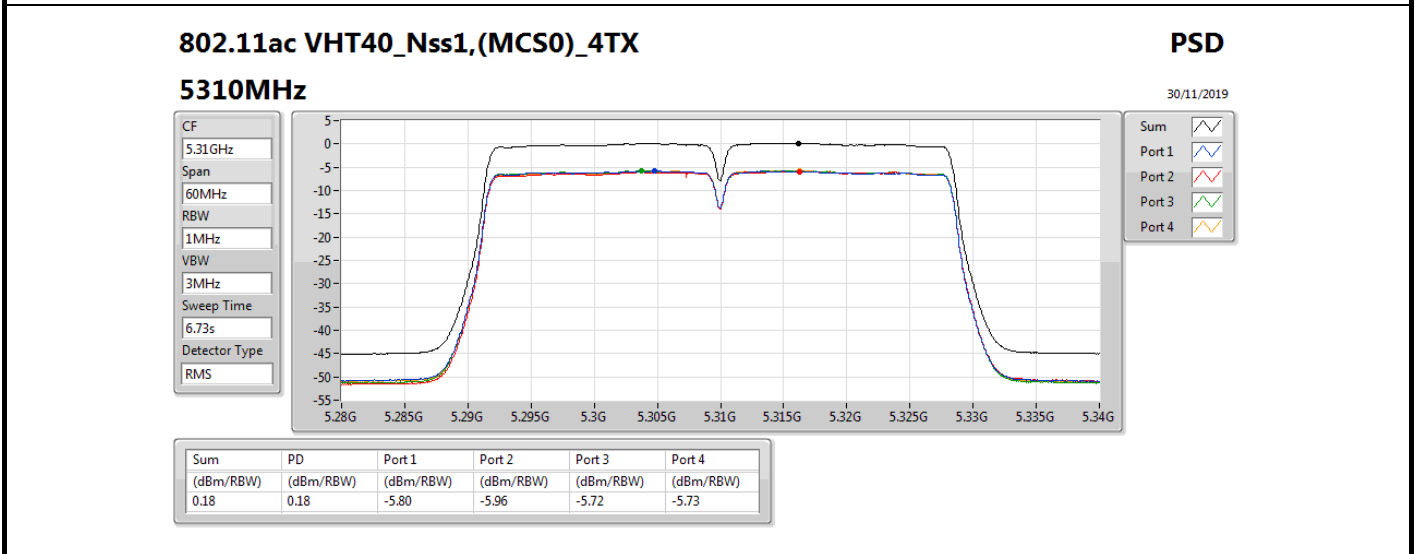
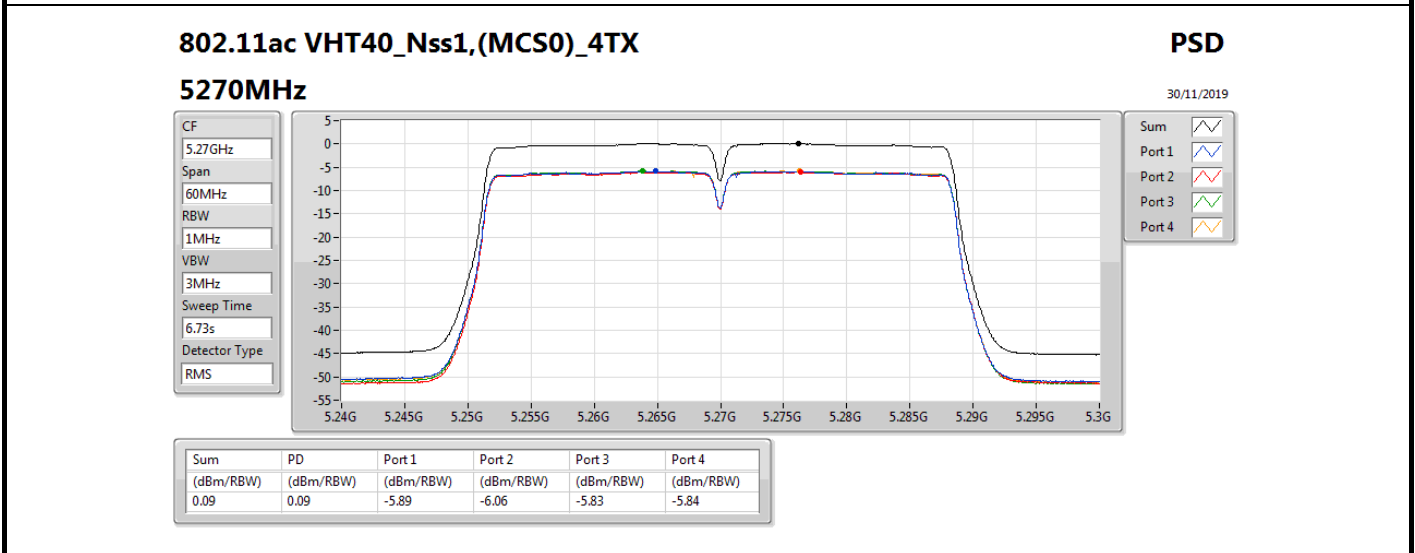
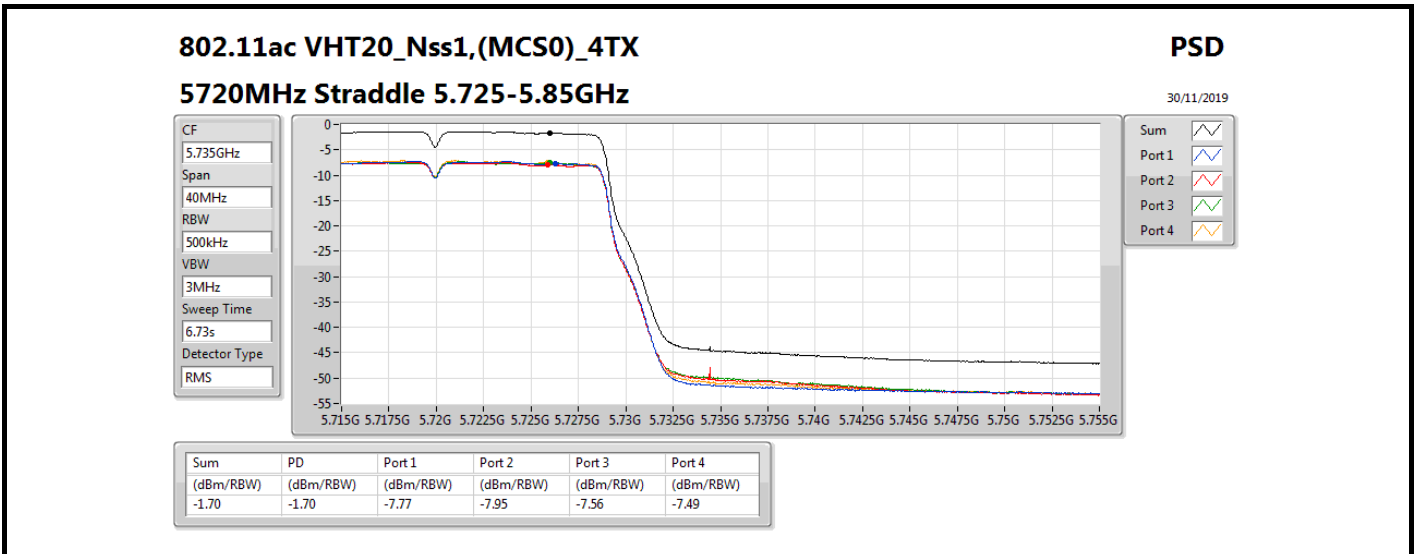
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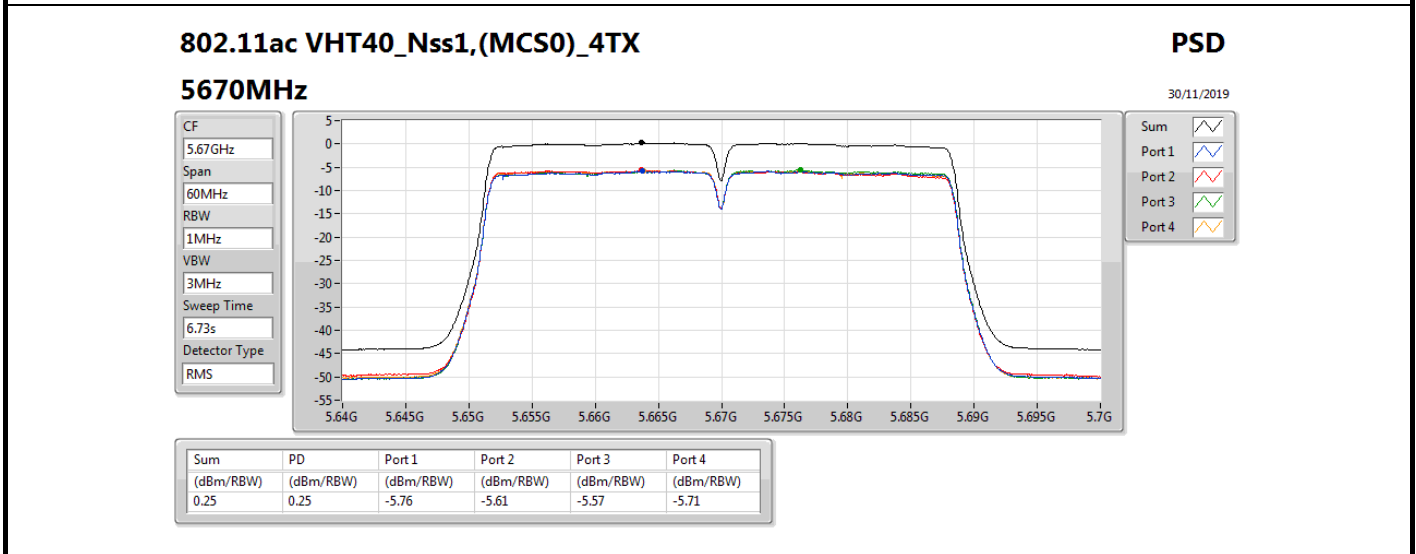
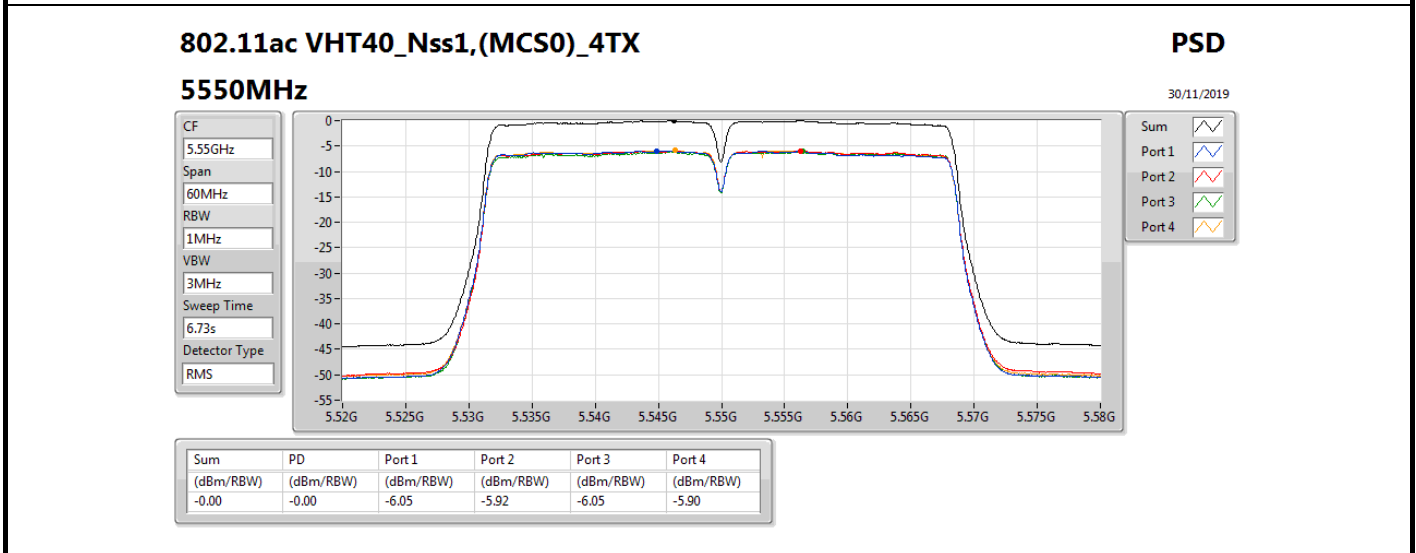
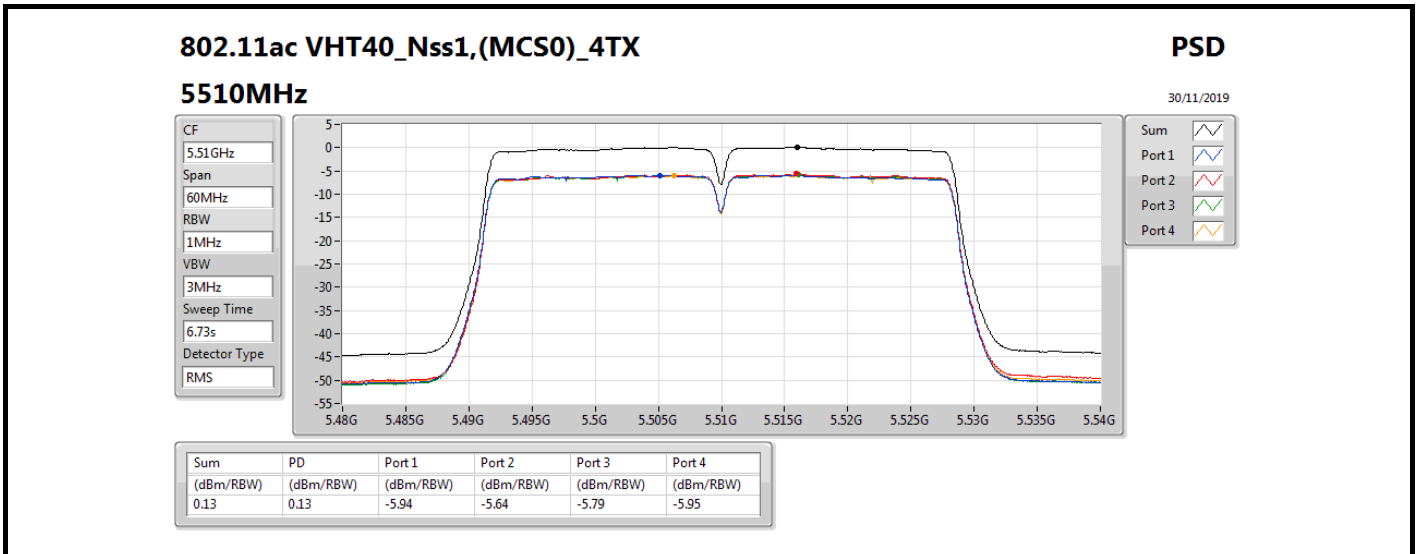


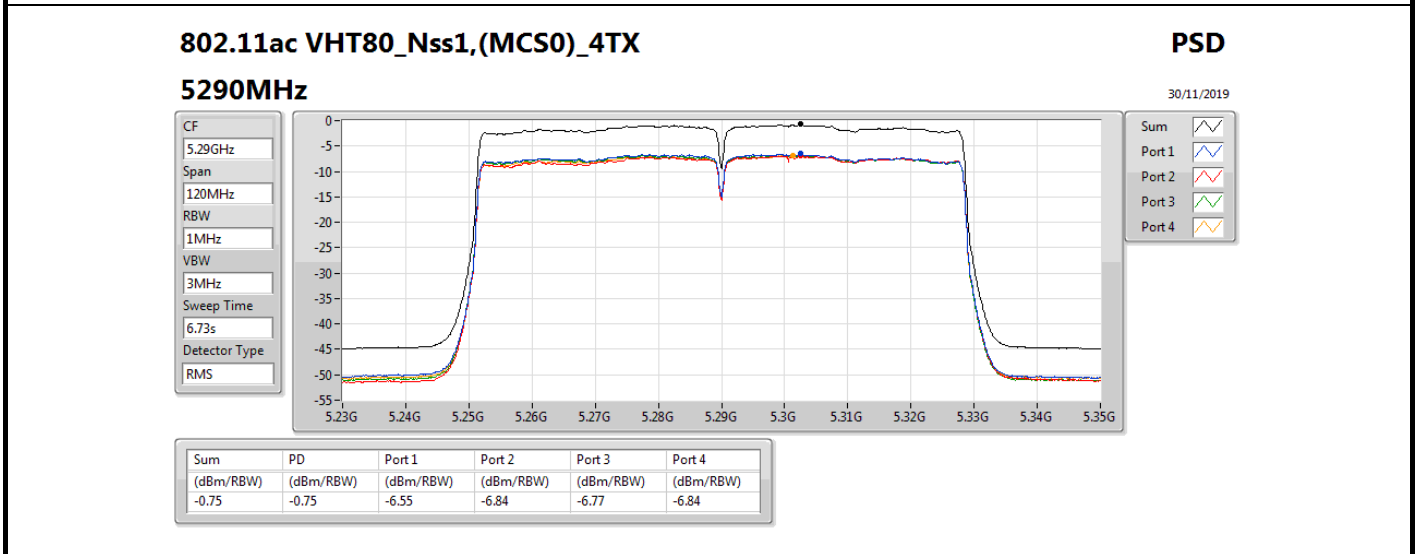
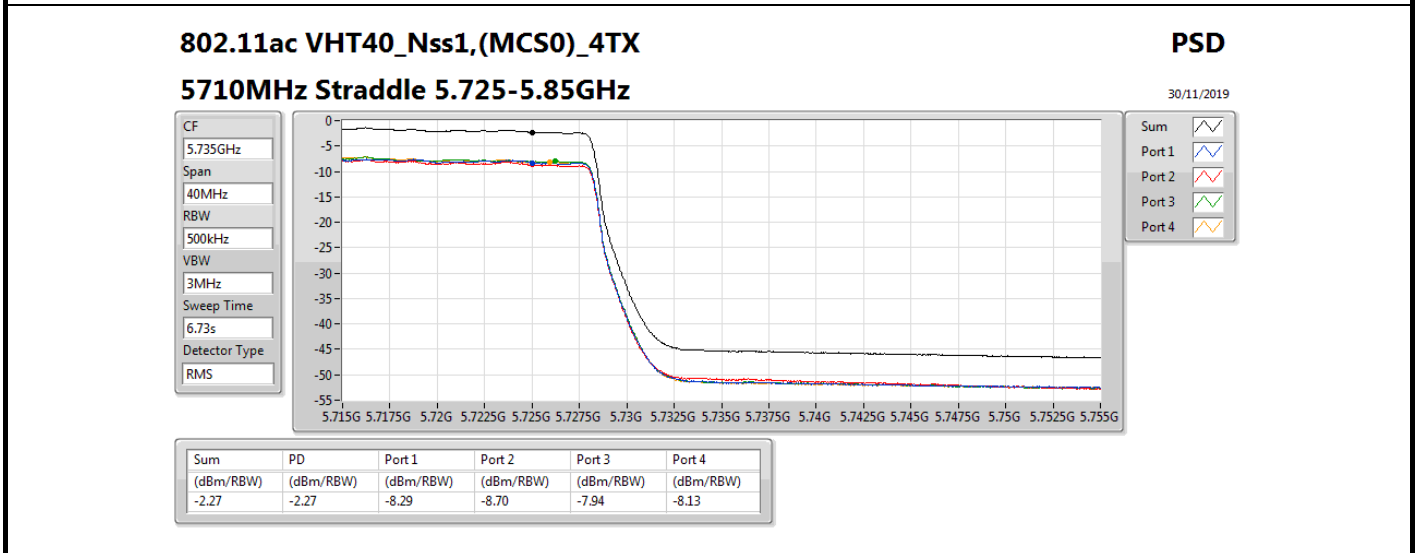
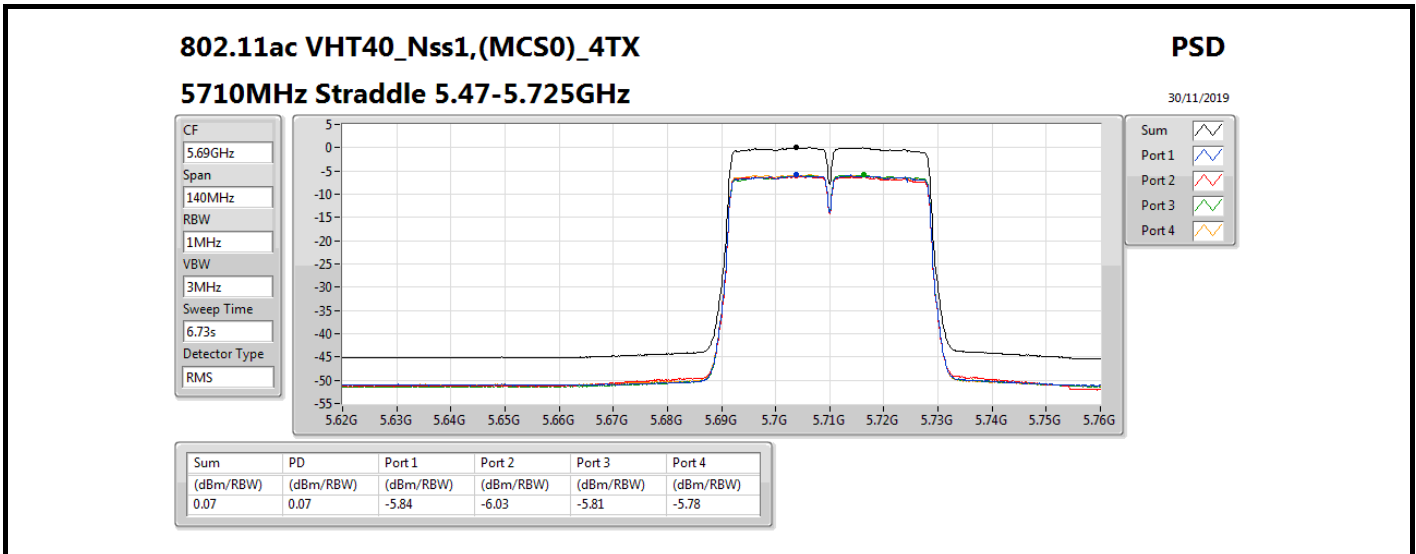
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.27	0.27	-5.81	-5.64	-5.69	-5.72









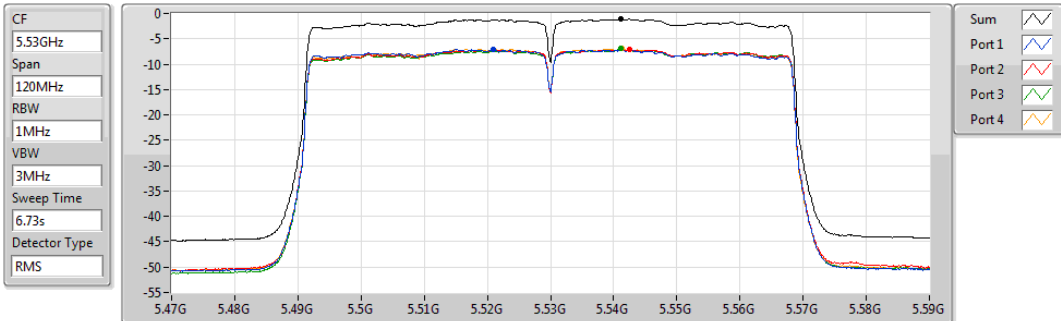


802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5530MHz

30/11/2019



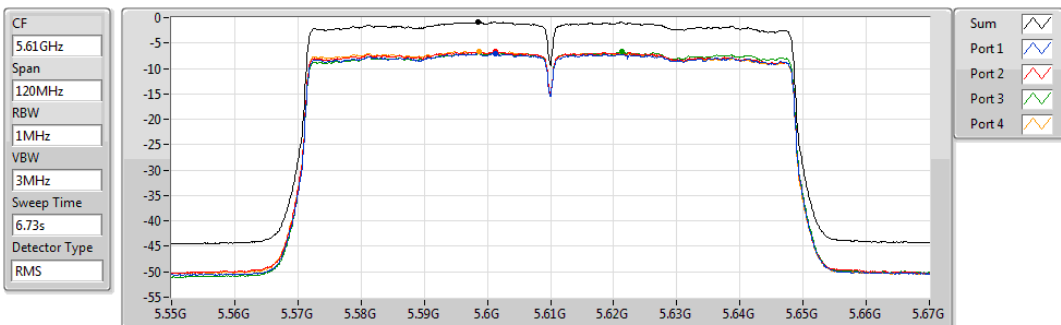
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.02	-1.02	-7.14	-7.00	-6.97	-6.84

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5610MHz

30/11/2019



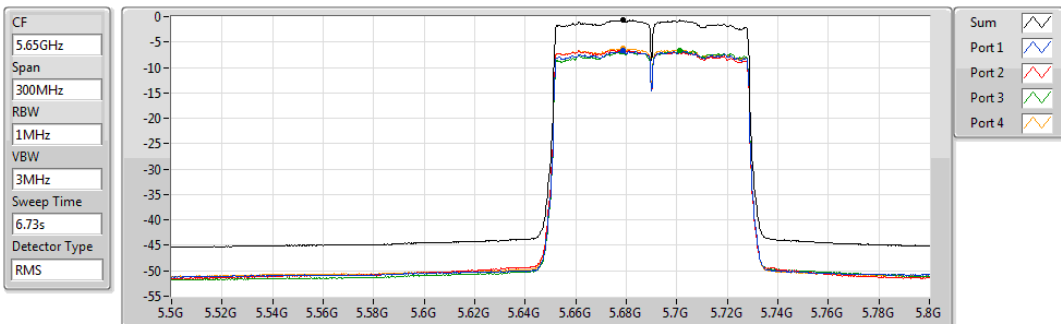
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.88	-0.88	-7.07	-6.74	-6.61	-6.58

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

30/11/2019



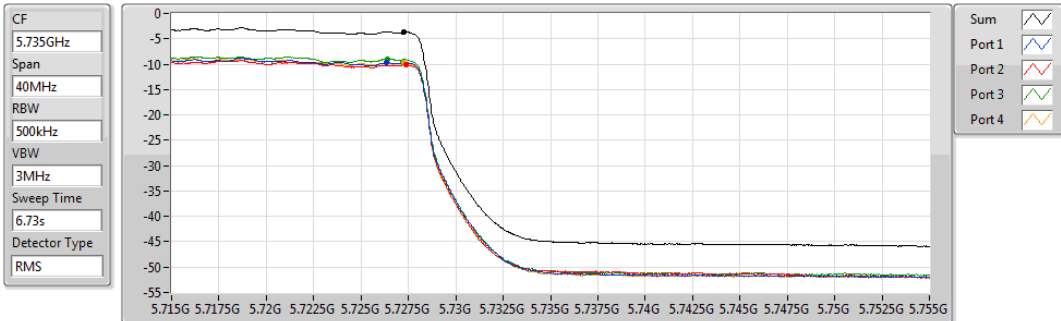
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.61	-0.61	-6.73	-6.57	-6.56	-6.16

802.11ac VHT80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

30/11/2019



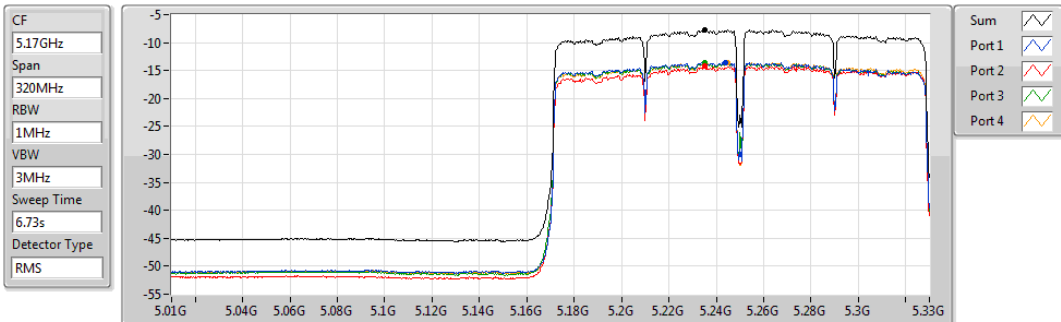
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.61	-3.61	-9.69	-10.08	-8.96	-9.64

802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

30/11/2019



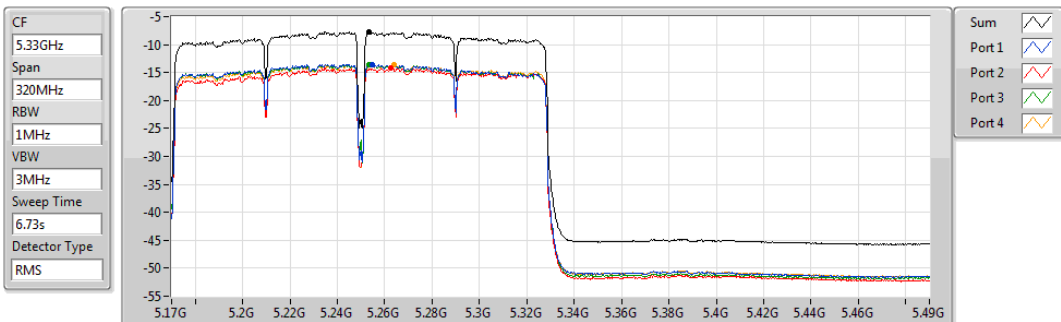
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.77	-7.77	-13.63	-14.16	-13.66	-13.54

802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

30/11/2019



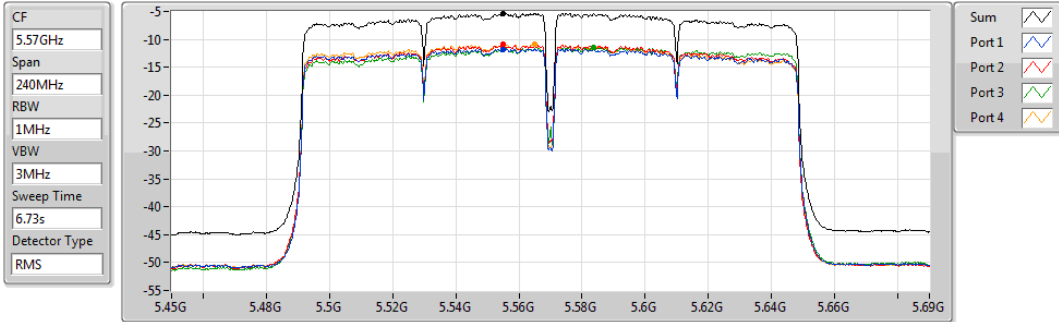
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.82	-7.82	-13.66	-14.27	-13.67	-13.66

802.11ac VHT160_Nss1,(MCS0)_4TX

PSD

5570MHz

30/11/2019



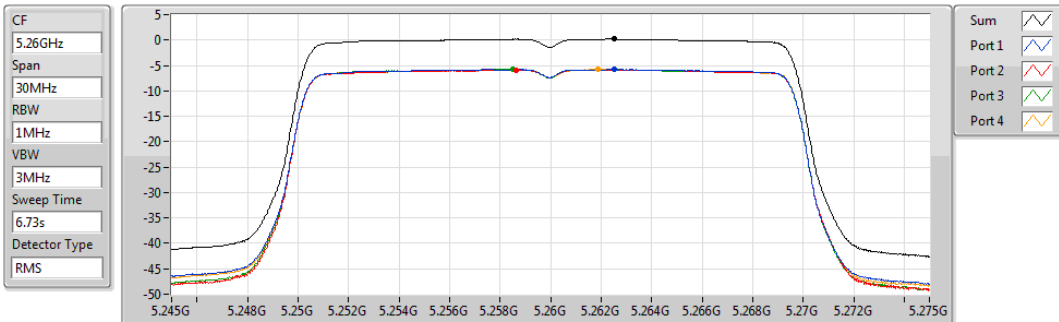
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(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.31	-5.31	-11.75	-10.93	-11.43	-10.85

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

30/11/2019



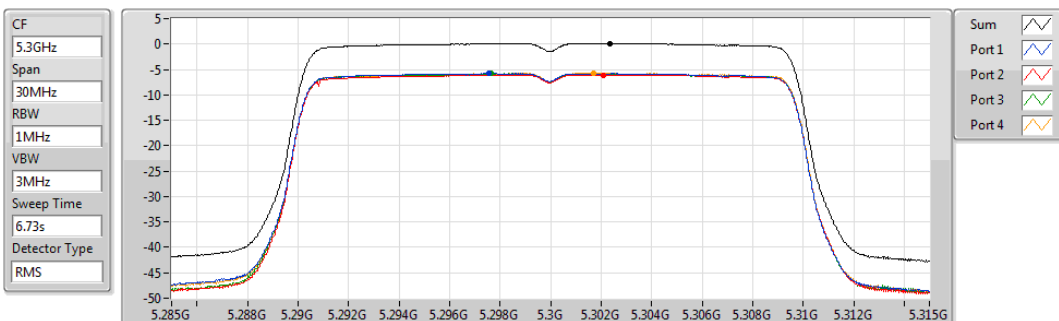
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.19	0.19	-5.73	-5.90	-5.77	-5.72

802.11ax HEW20_Nss1,(MCS0)_4TX

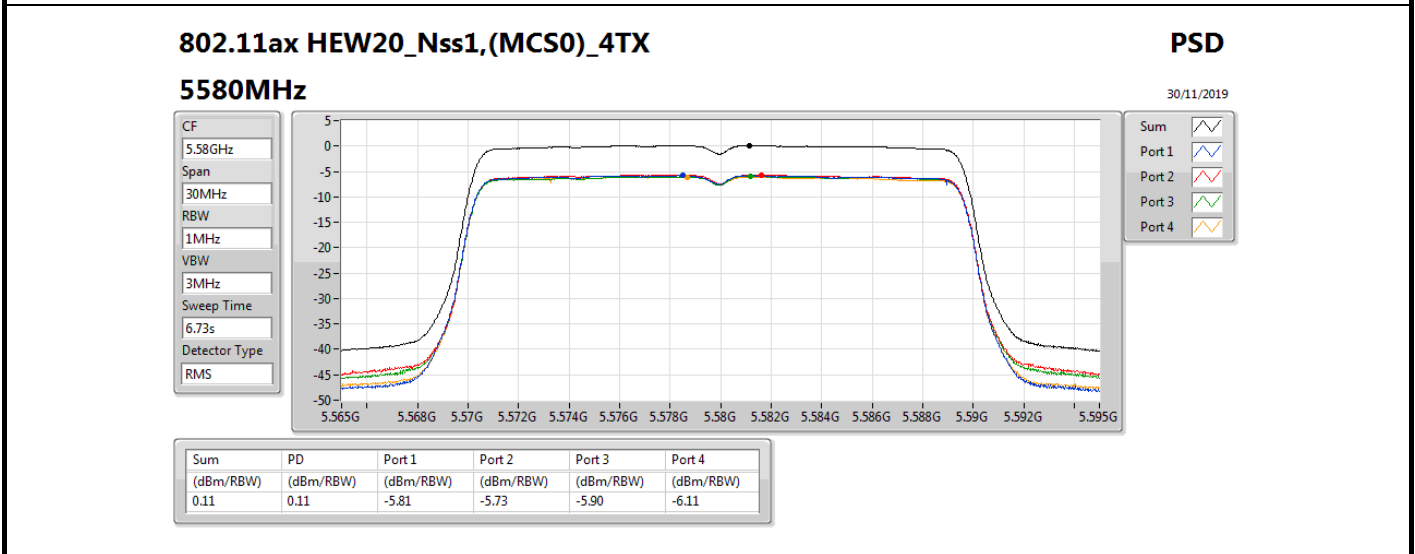
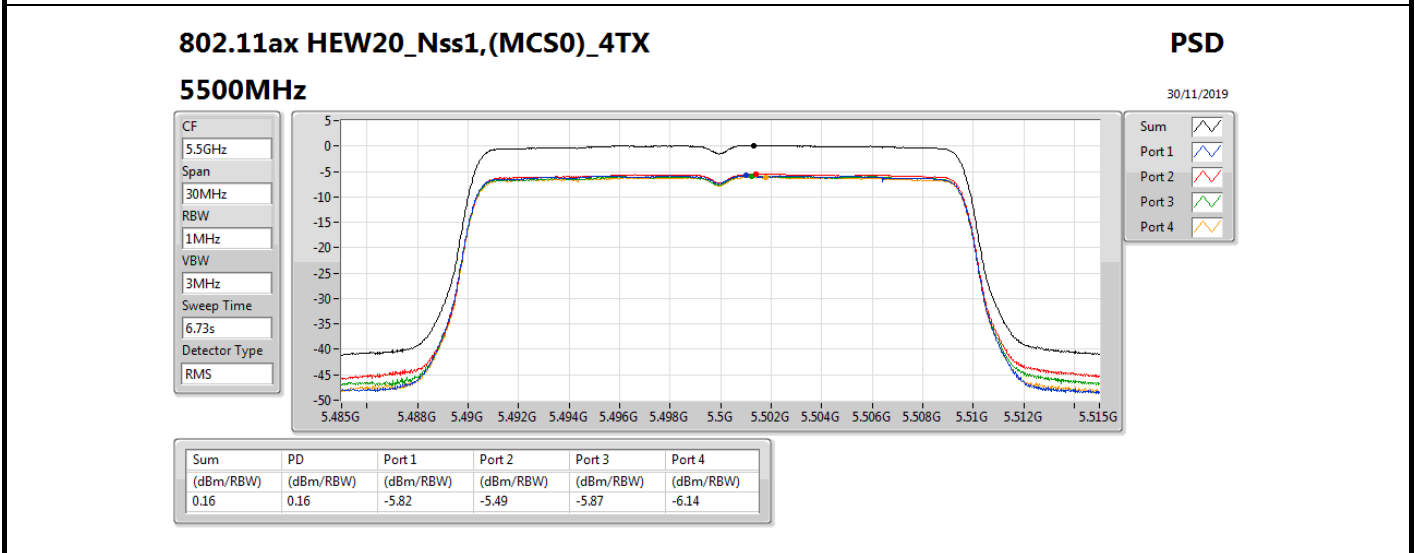
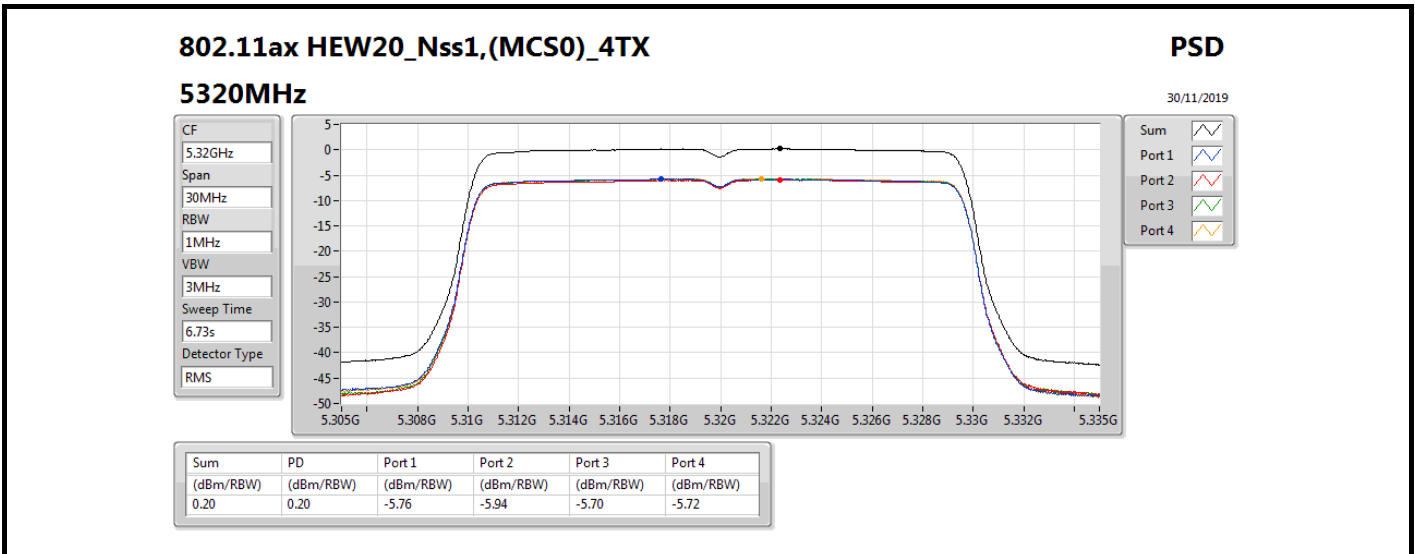
PSD

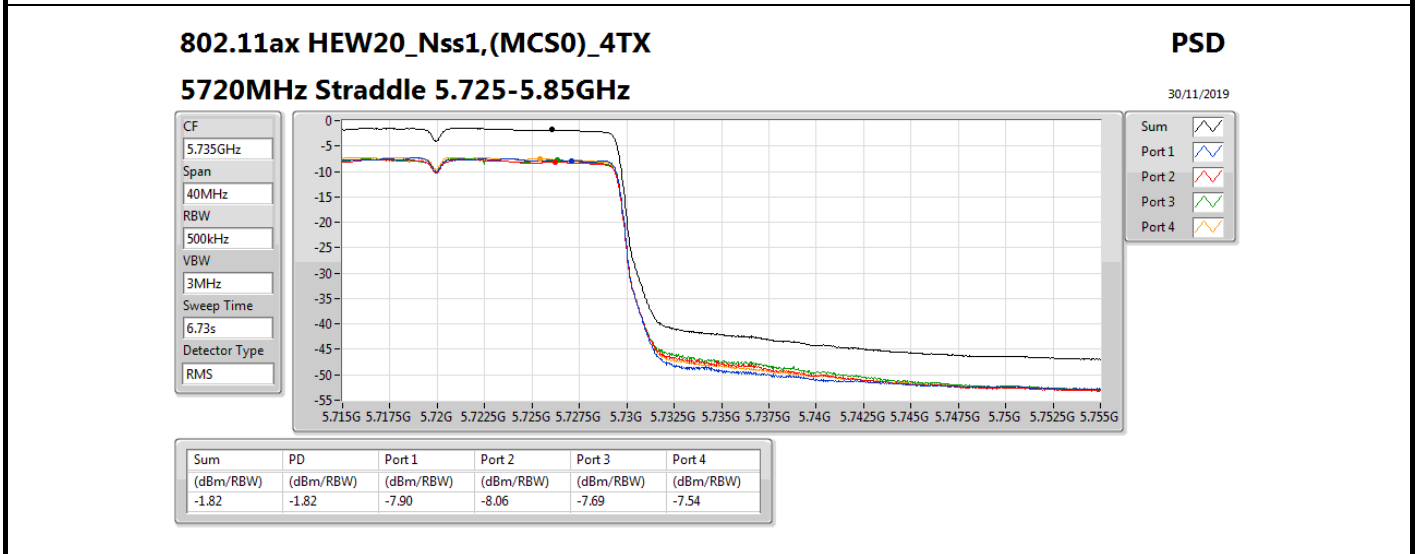
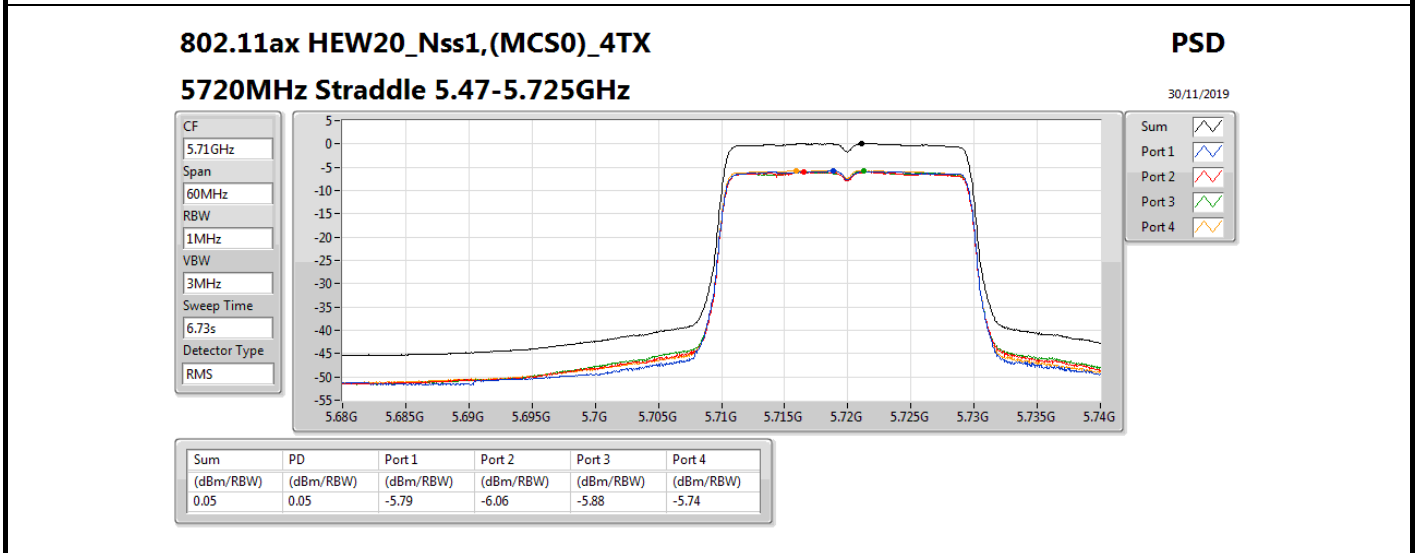
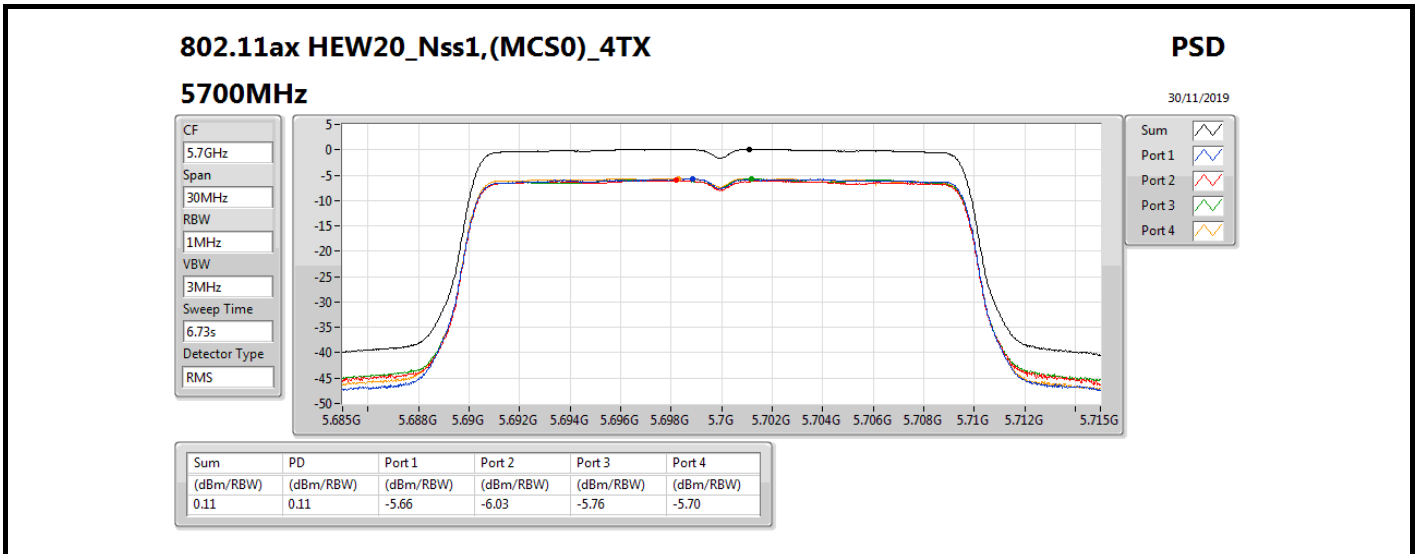
5300MHz

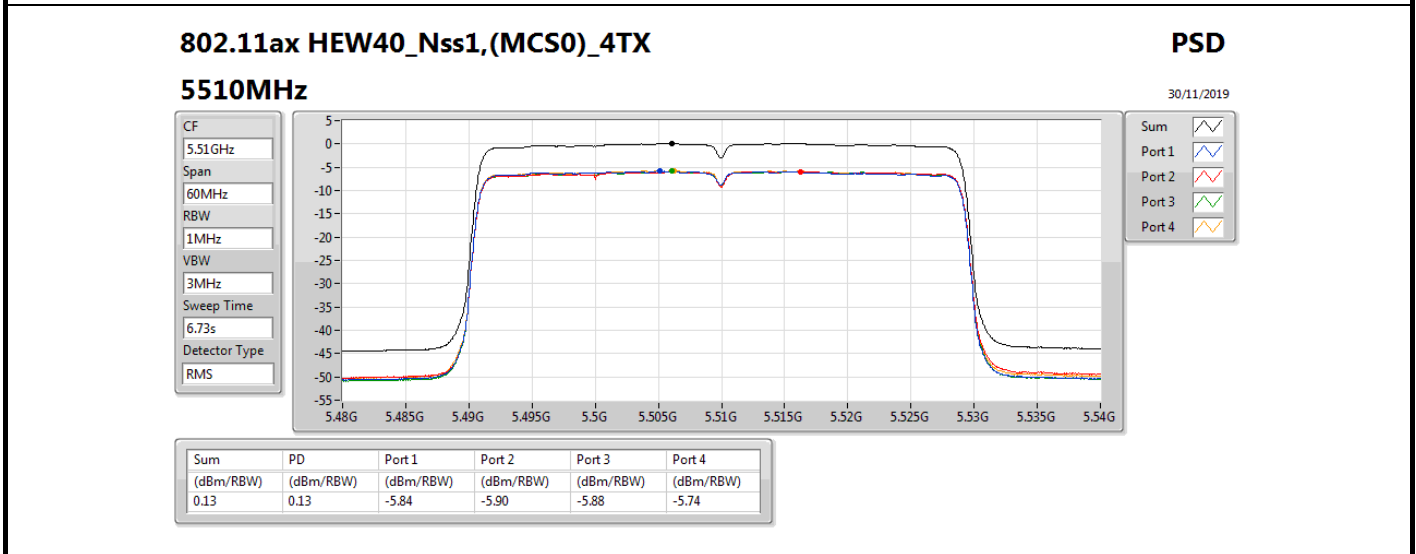
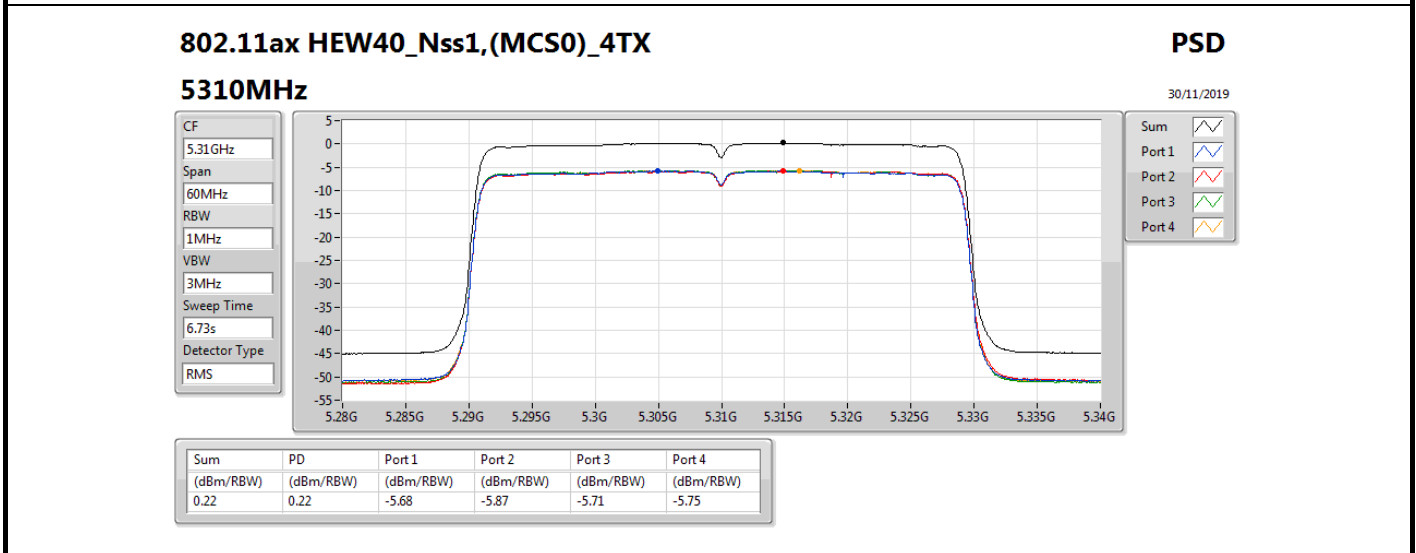
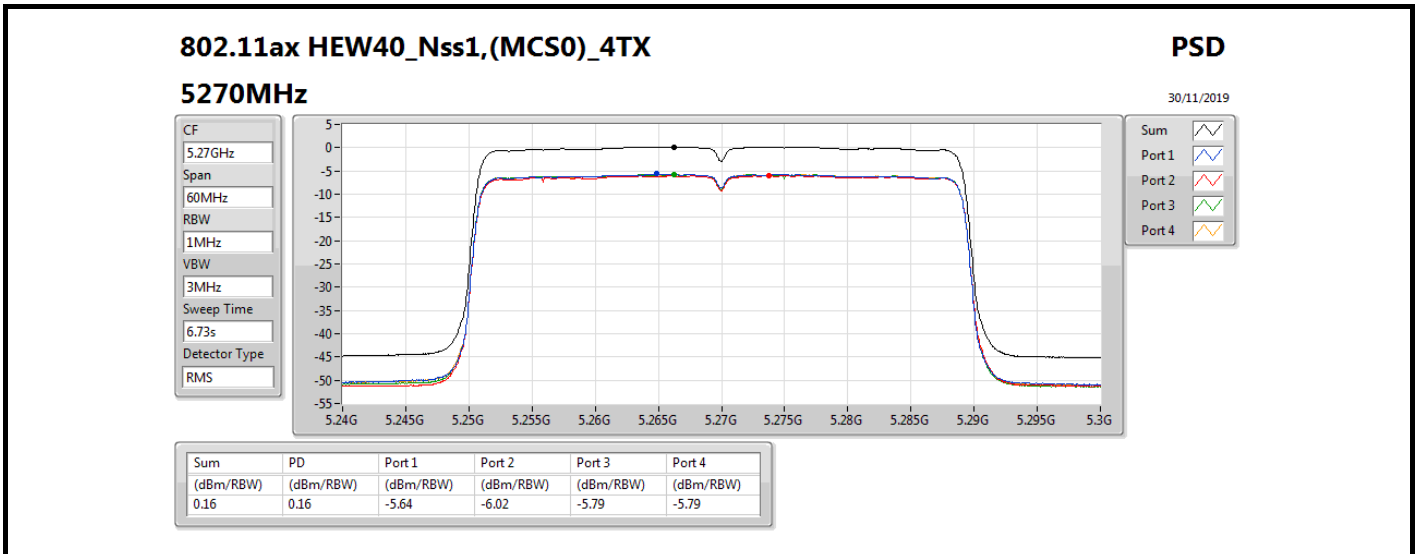
30/11/2019



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





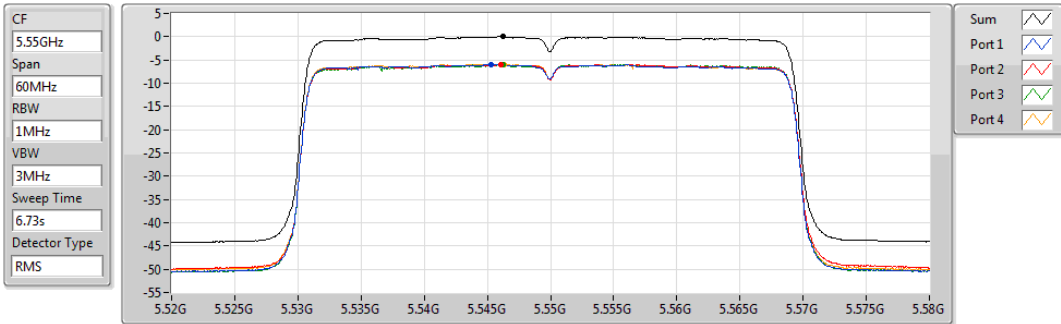


802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

30/11/2019



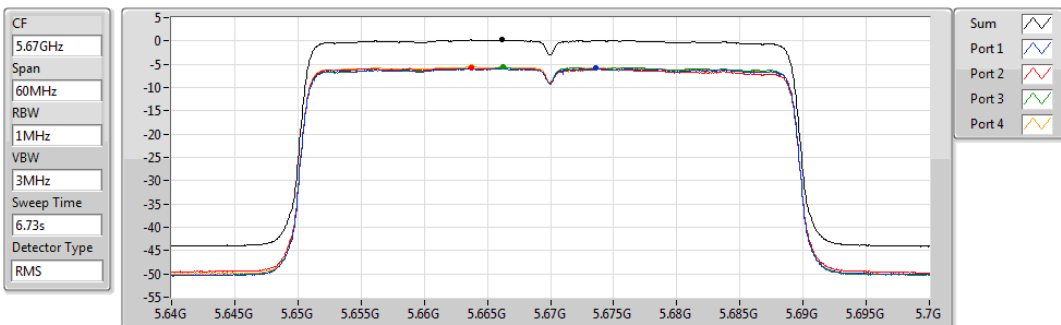
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.03	0.03	-6.03	-6.04	-5.92	-5.90

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

30/11/2019



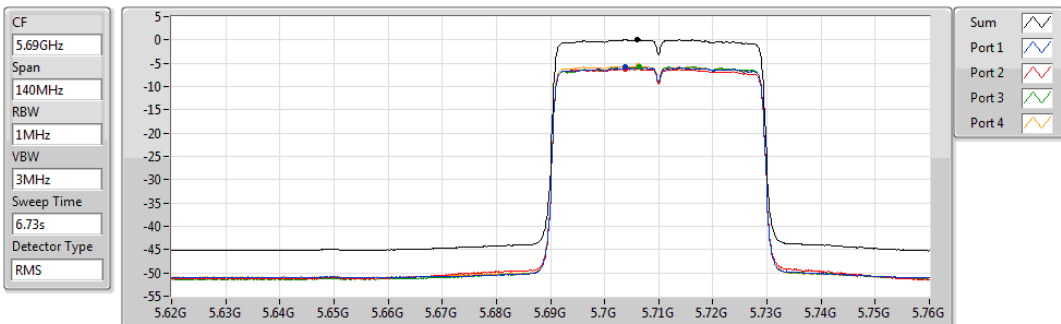
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.25	0.25	-5.87	-5.82	-5.62	-5.54

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

30/11/2019



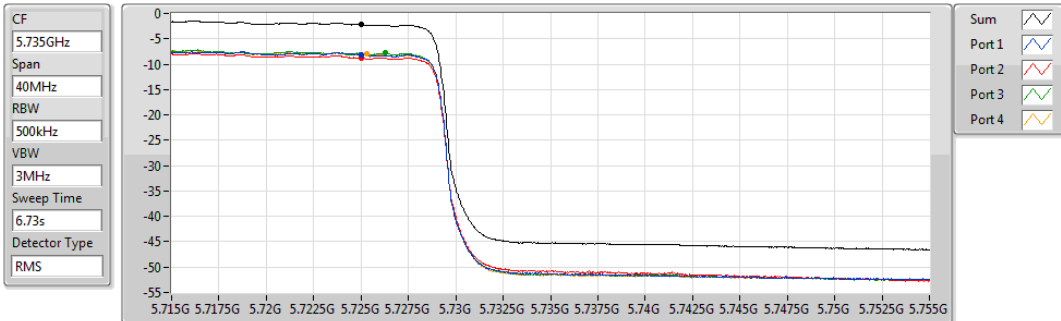
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.12	0.12	-5.89	-6.17	-5.72	-5.57

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

30/11/2019



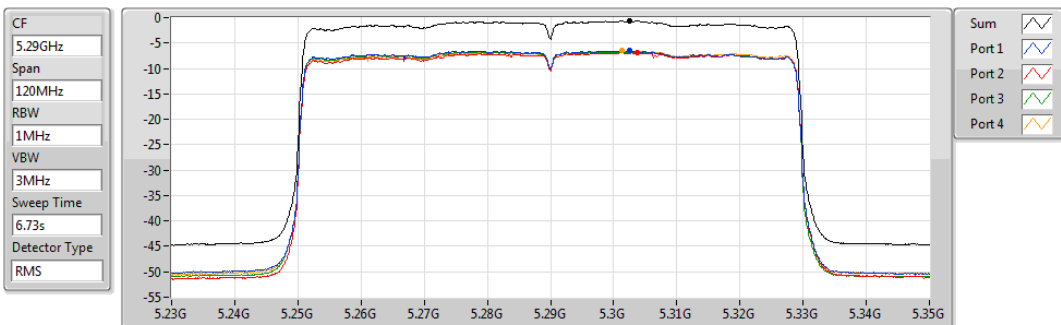
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.18	-2.18	-8.14	-8.71	-7.82	-7.99

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

30/11/2019



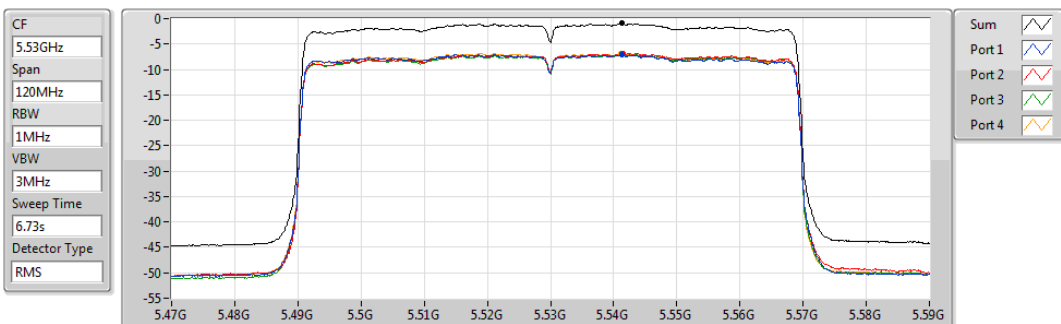
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.60	-0.60	-6.53	-6.77	-6.65	-6.43

802.11ax HEW80_Nss1,(MCS0)_4TX

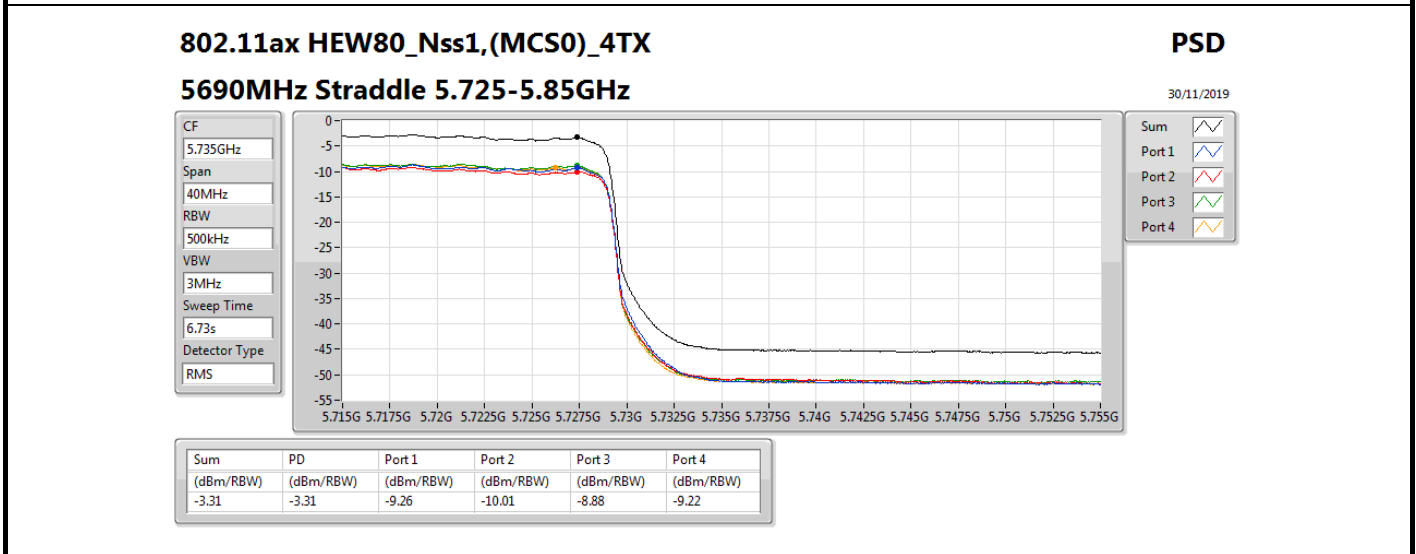
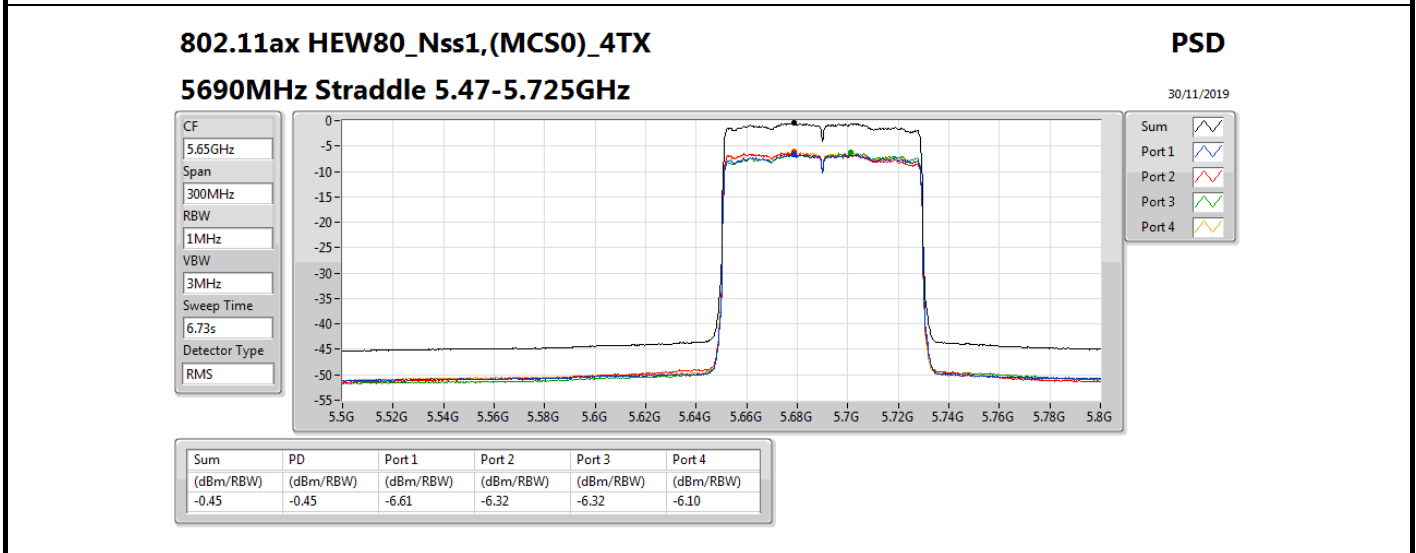
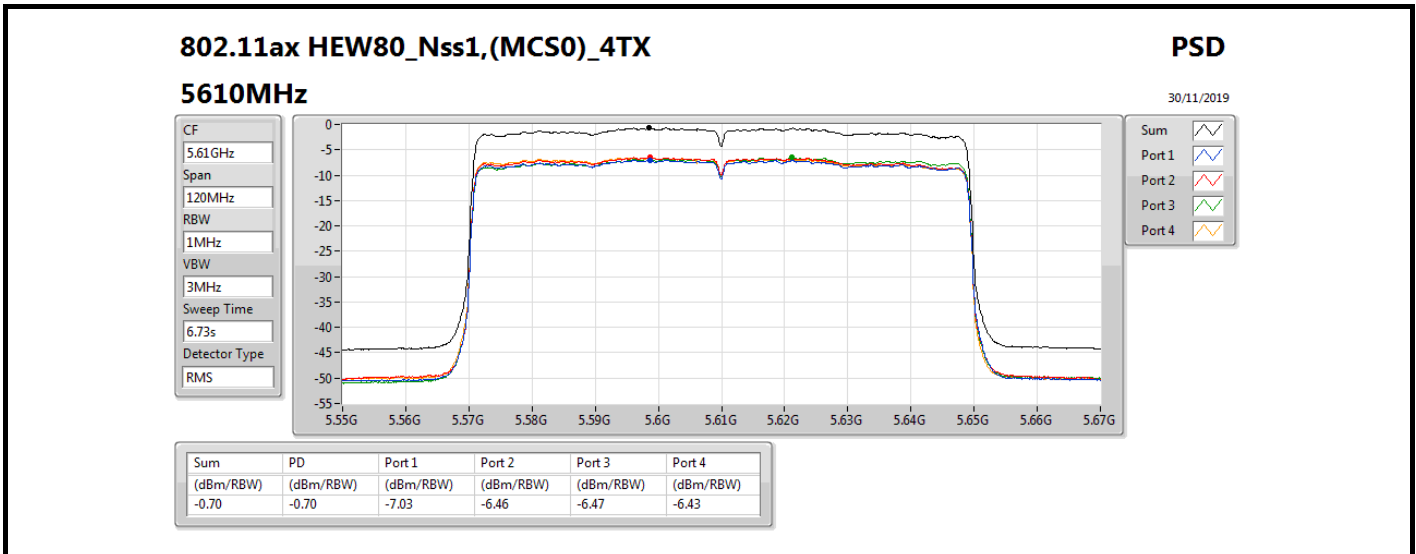
PSD

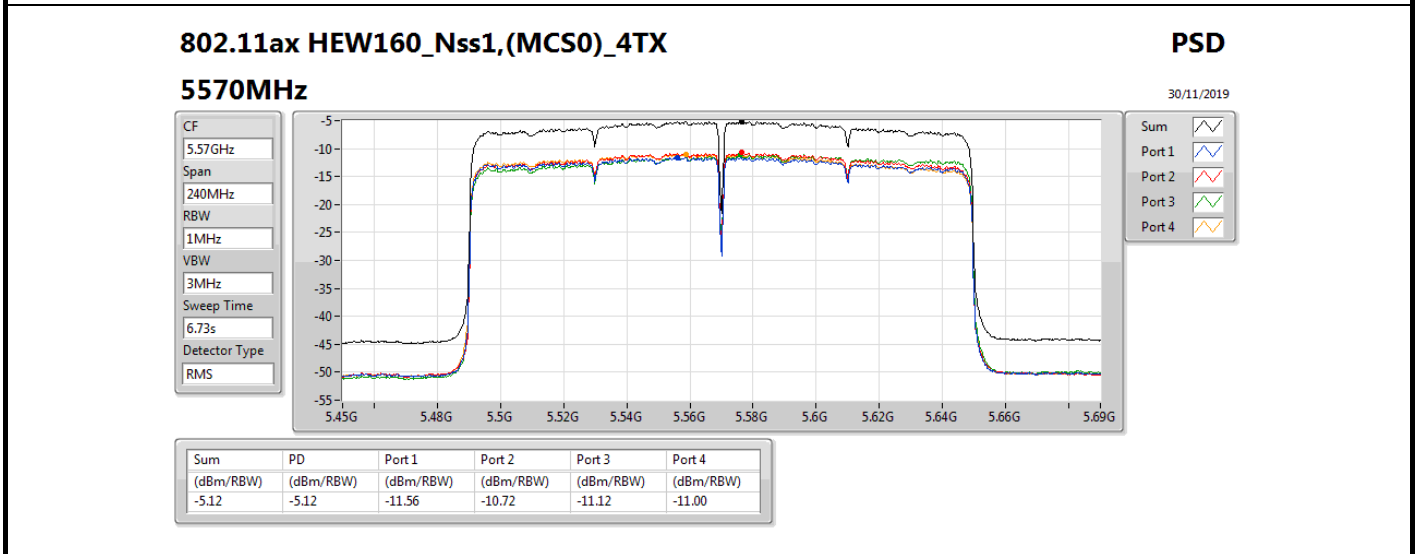
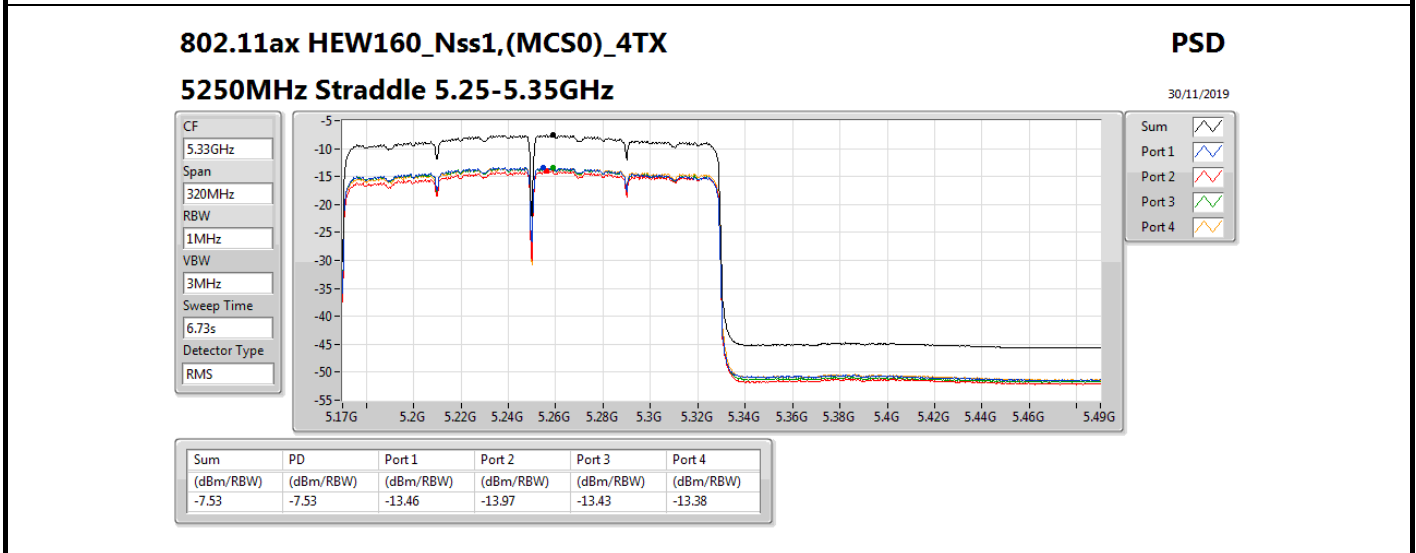
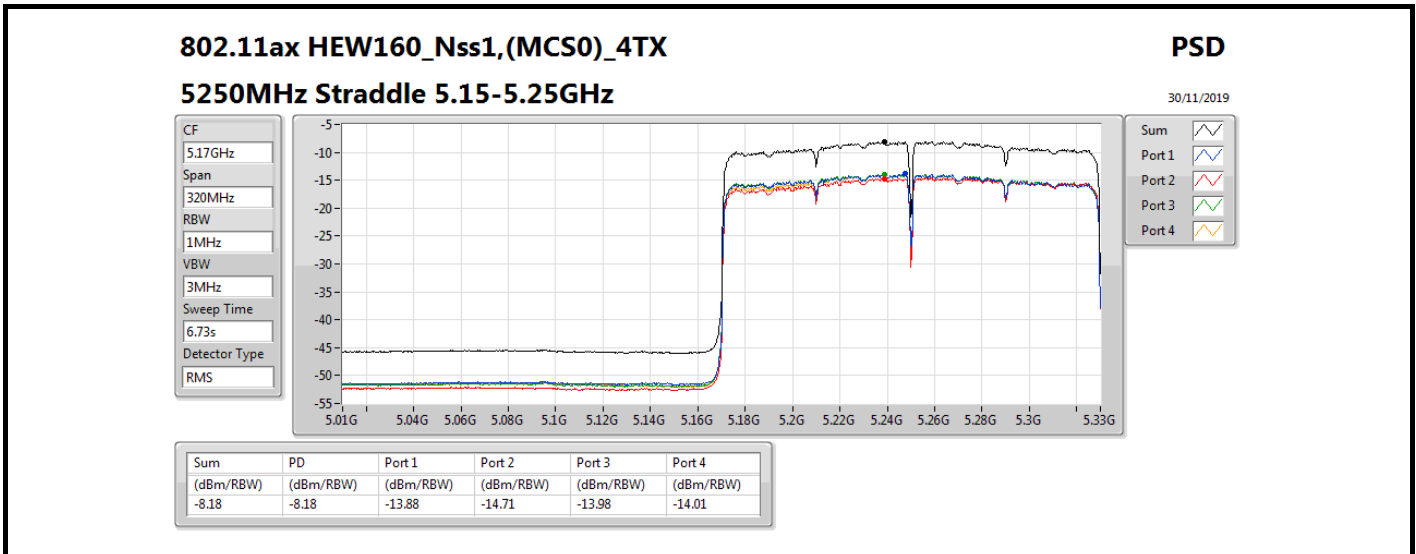
5530MHz

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;

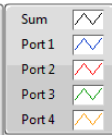
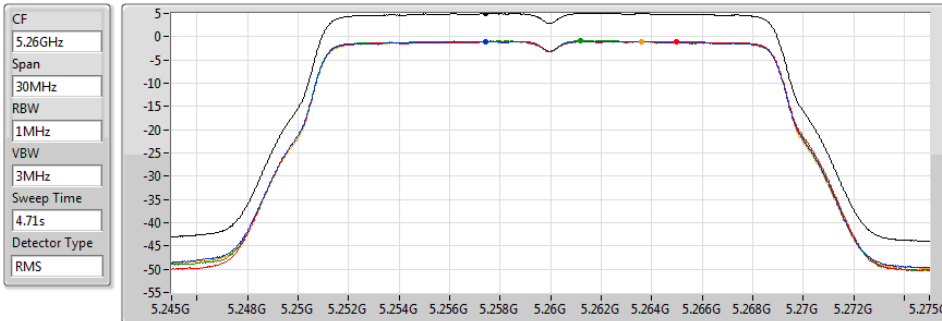
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5260MHz

30/11/2019



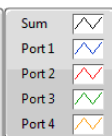
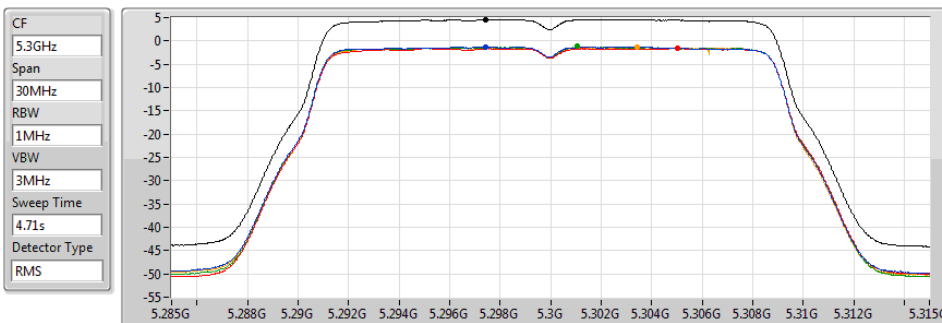
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.99	4.99	-0.98	-1.01	-0.83	-1.02

802.11ac VHT20_Nss4,(MCS0)_4TX

PSD

5300MHz

30/11/2019



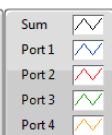
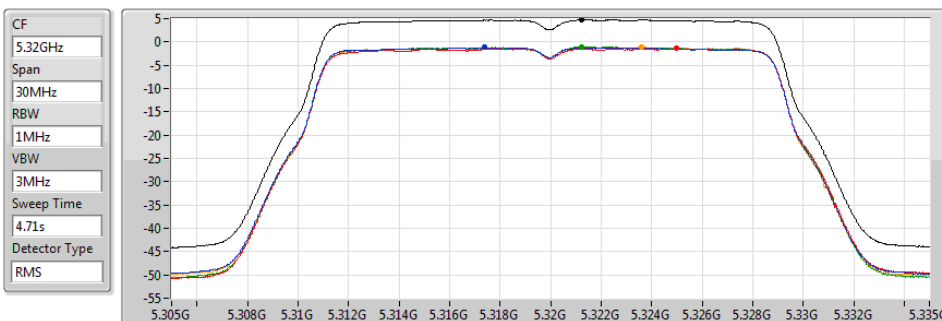
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.60	4.60	-1.22	-1.56	-1.21	-1.32

802.11ac VHT20_Nss4,(MCS0)_4TX

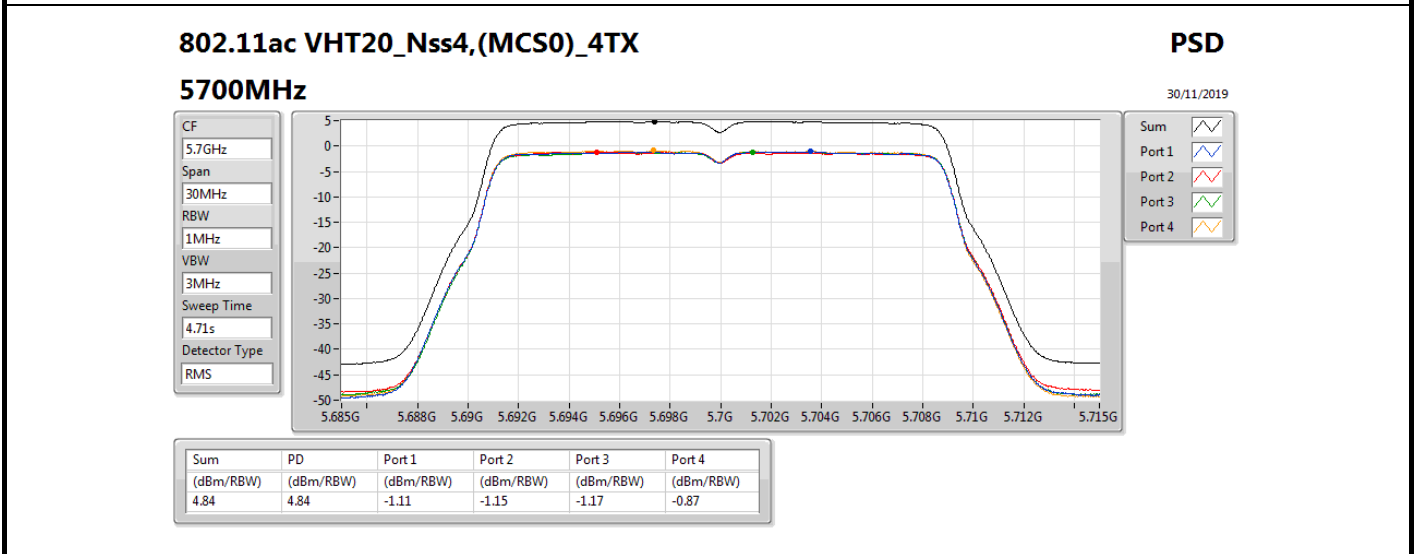
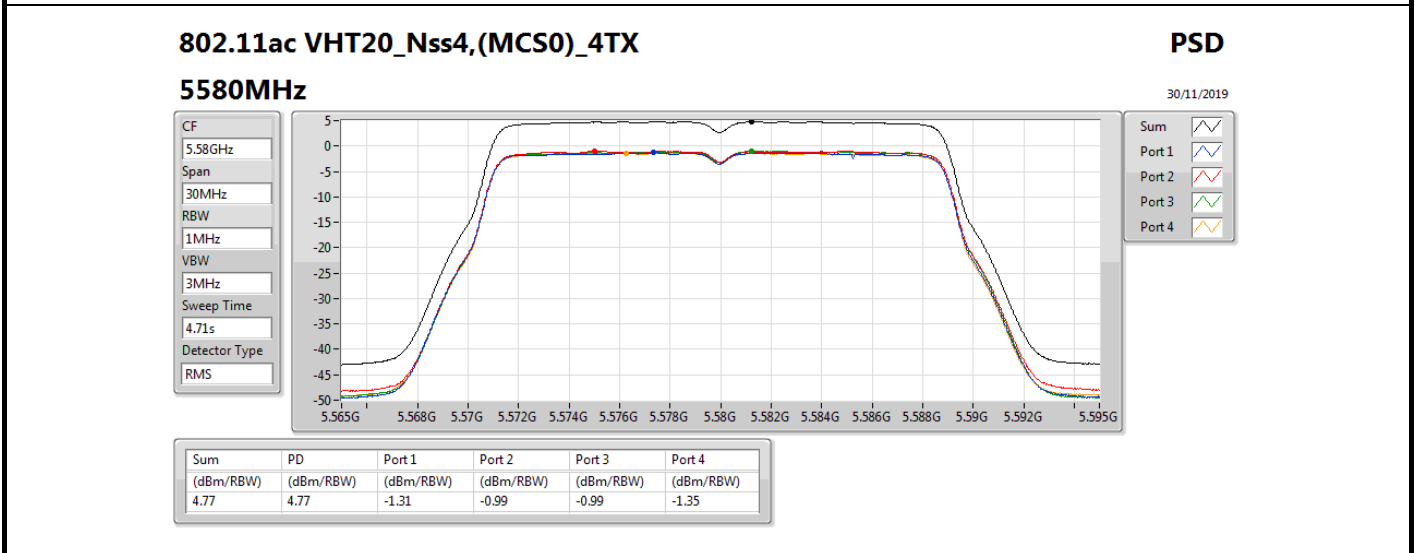
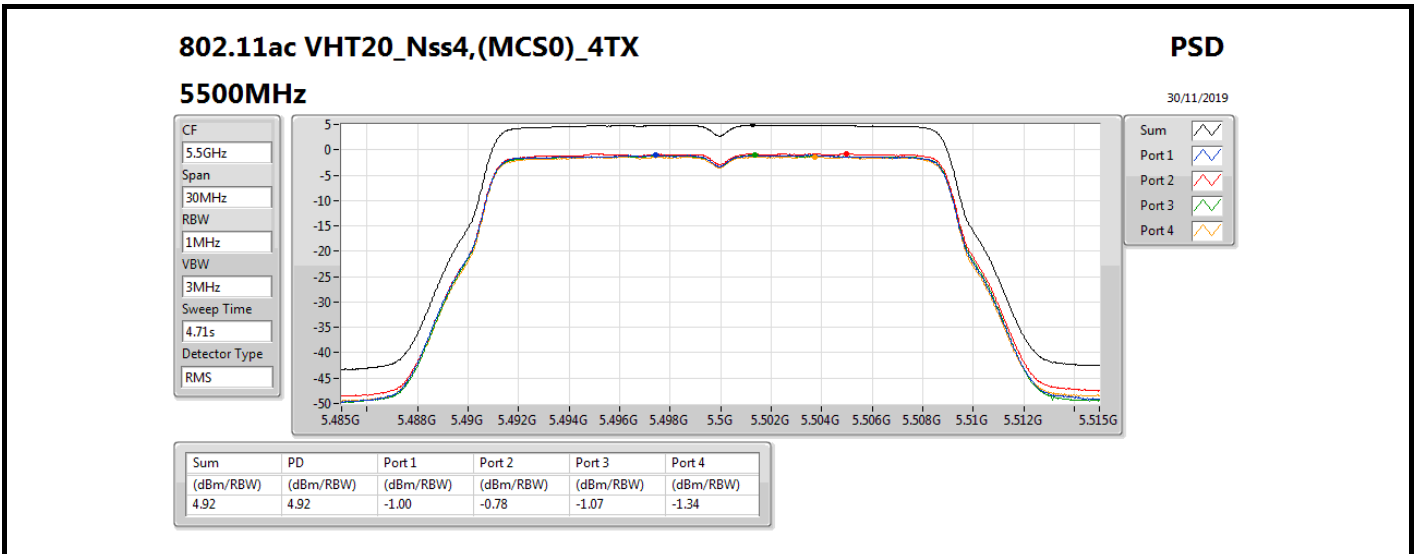
PSD

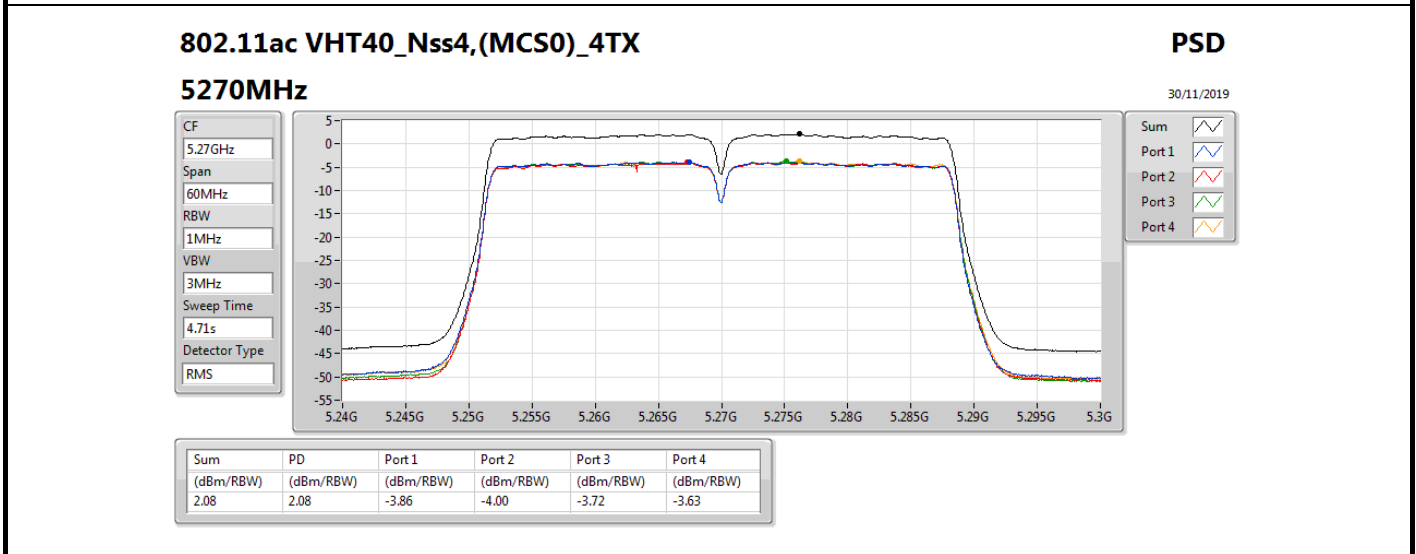
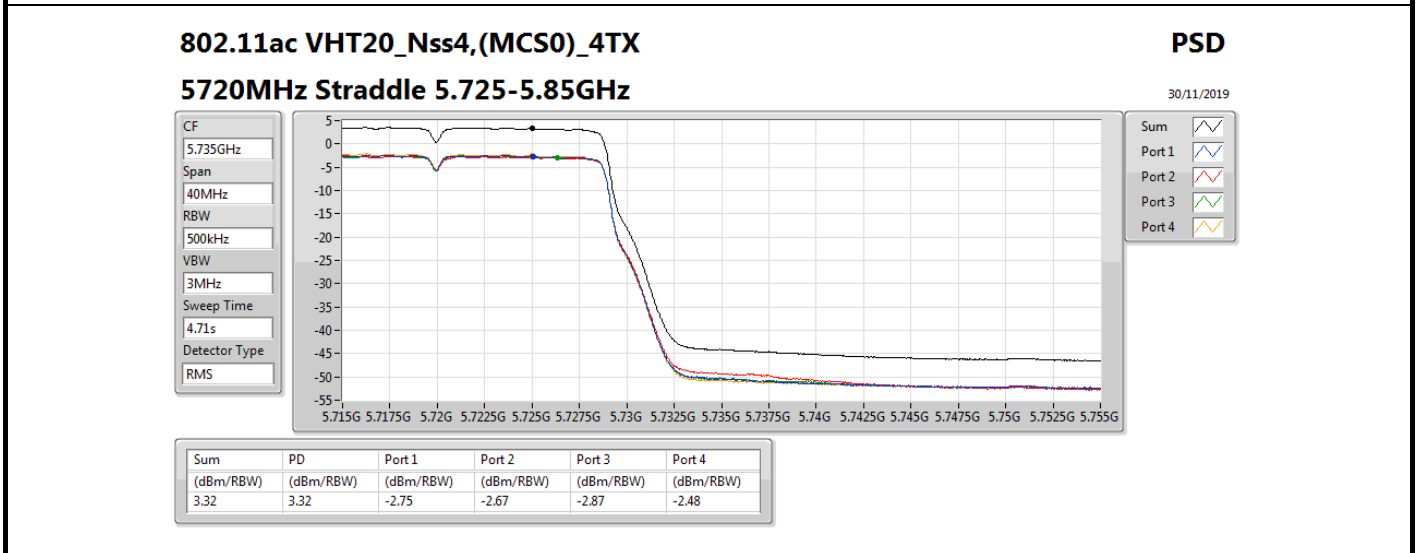
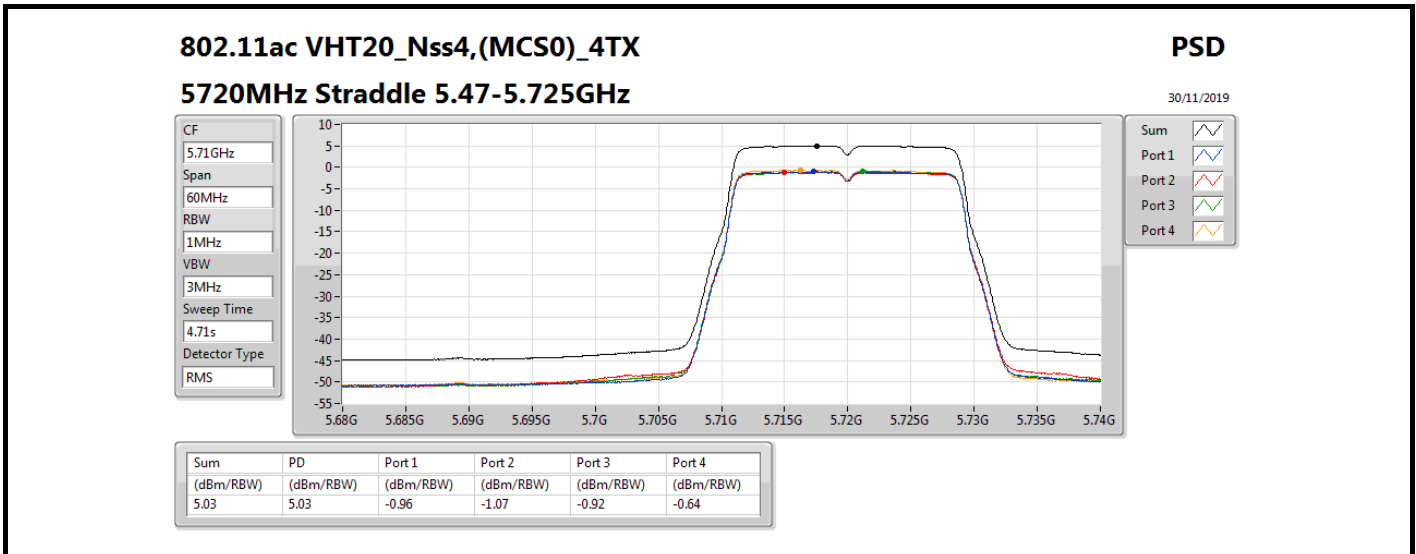
5320MHz

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)
4.71	4.71	-1.19	-1.44	-1.08	-1.15



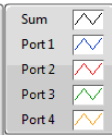
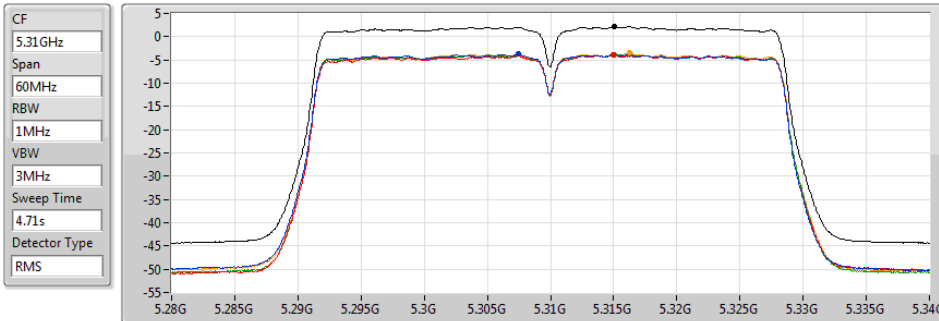


802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5310MHz

30/11/2019



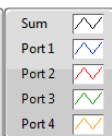
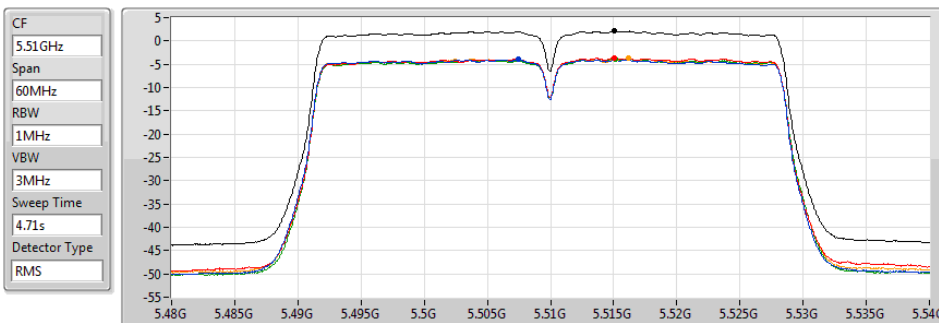
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.14	2.14	-3.76	-3.98	-3.82	-3.54

802.11ac VHT40_Nss4,(MCS0)_4TX

PSD

5510MHz

30/11/2019



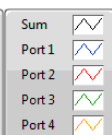
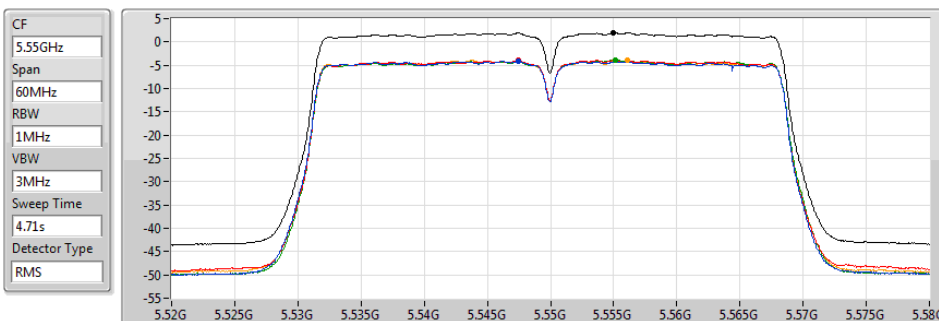
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.10	2.10	-3.96	-3.74	-3.87	-3.76

802.11ac VHT40_Nss4,(MCS0)_4TX

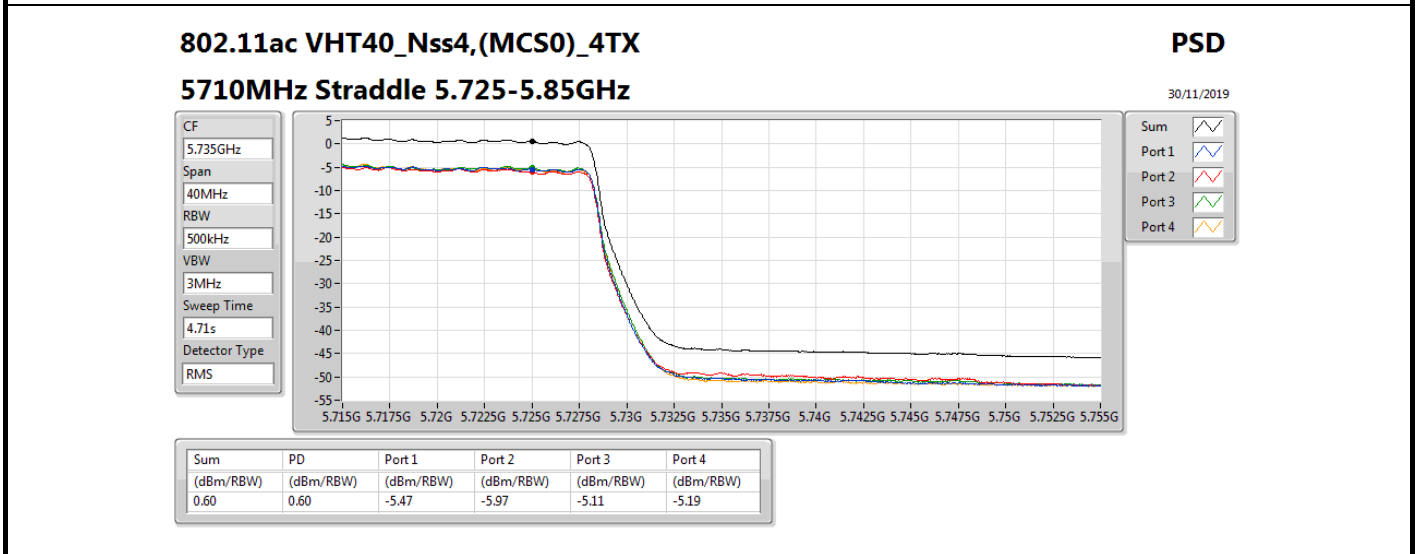
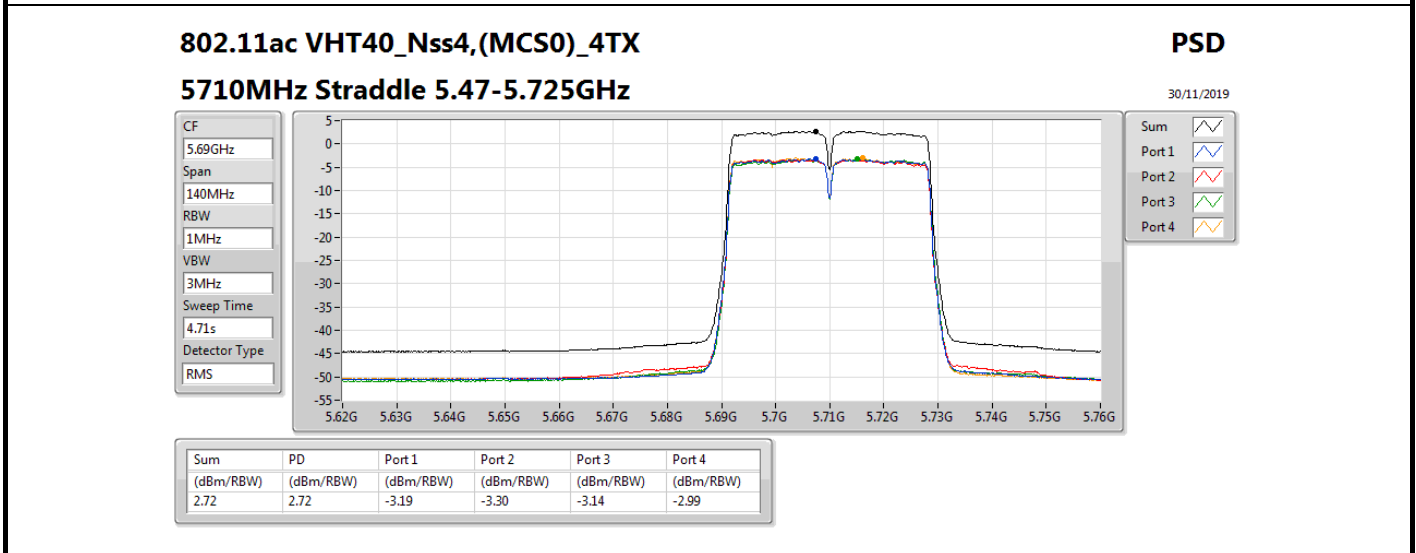
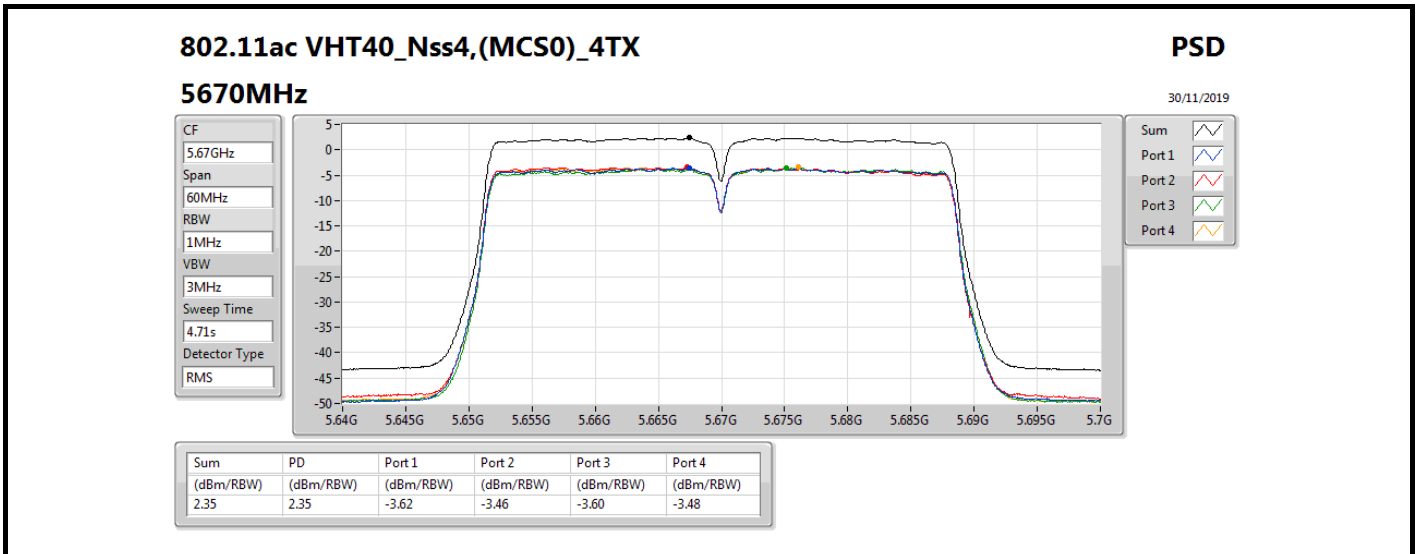
PSD

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)
1.95	1.95	-4.16	-3.96	-3.84	-3.93



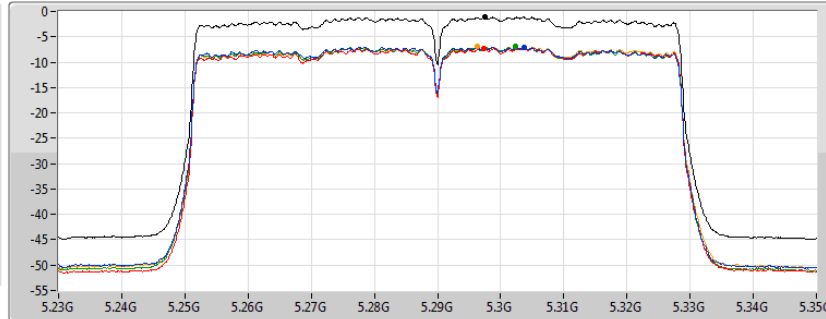
802.11ac VHT80_Nss4,(MCS0)_4TX

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

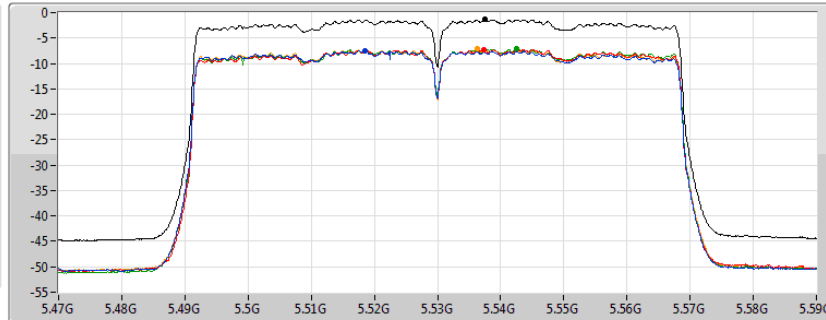
802.11ac VHT80_Nss4,(MCS0)_4TX

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

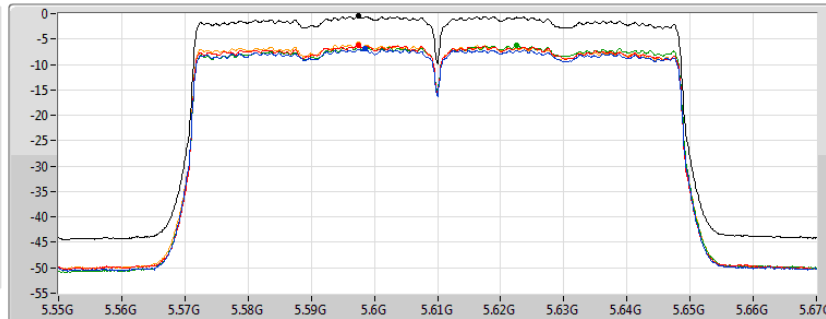
802.11ac VHT80_Nss4,(MCS0)_4TX

PSD

5610MHz

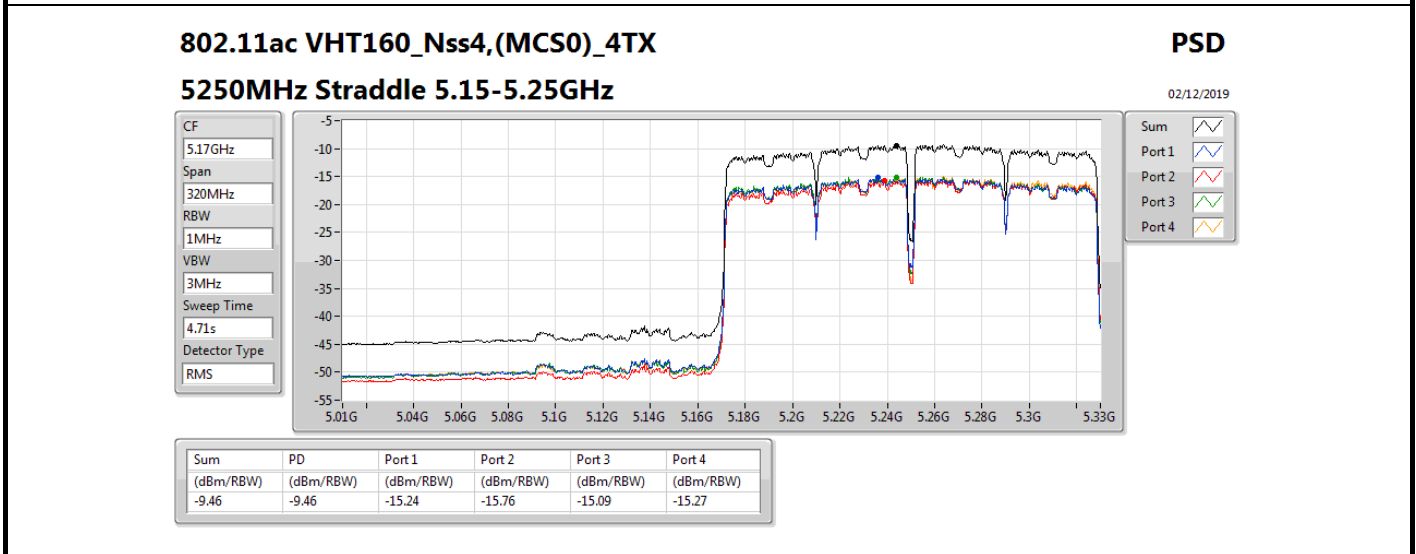
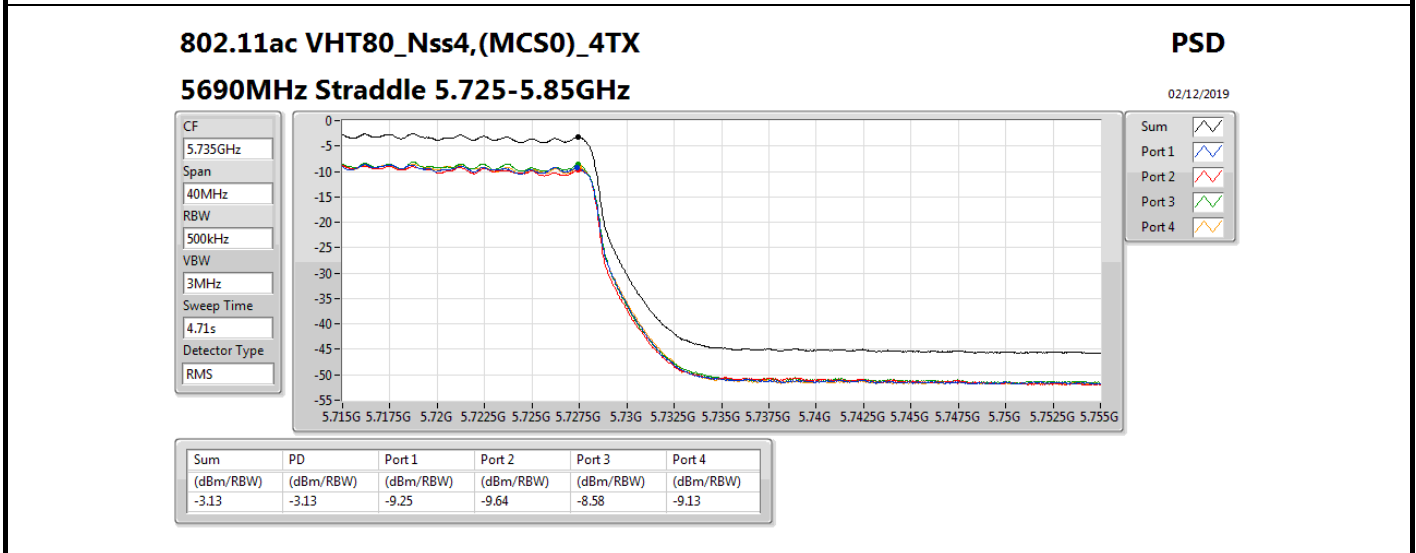
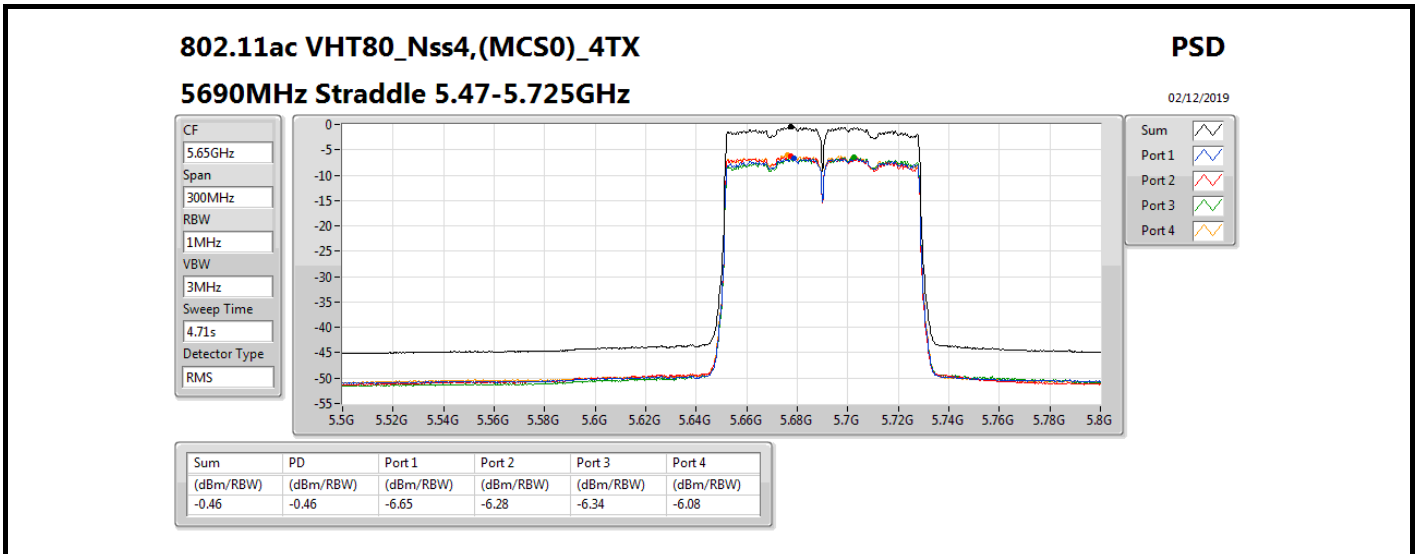
02/12/2019

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

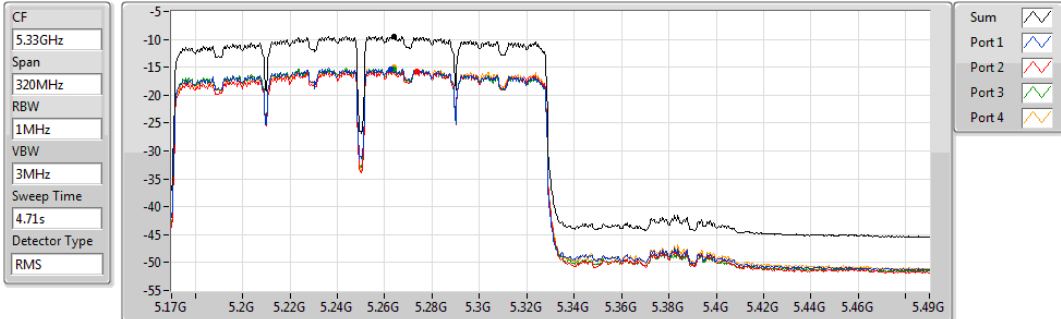


802.11ac VHT160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.25-5.35GHz

02/12/2019



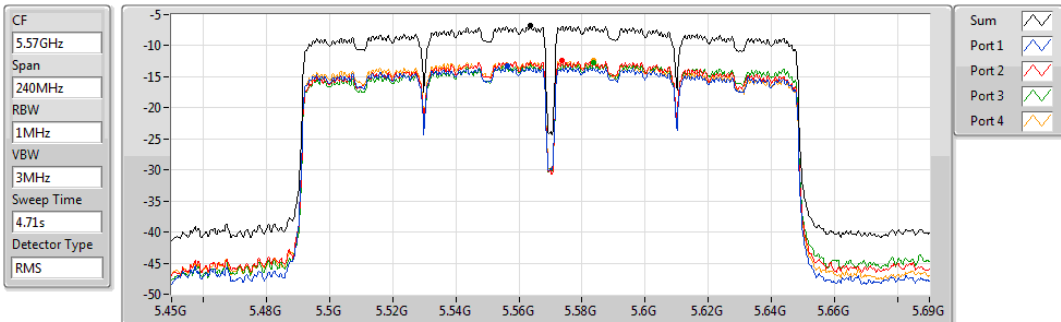
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
-9.41	-9.41	-15.38	-15.66	-15.28	-15.04

802.11ac VHT160_Nss4,(MCS0)_4TX

PSD

5570MHz

02/12/2019



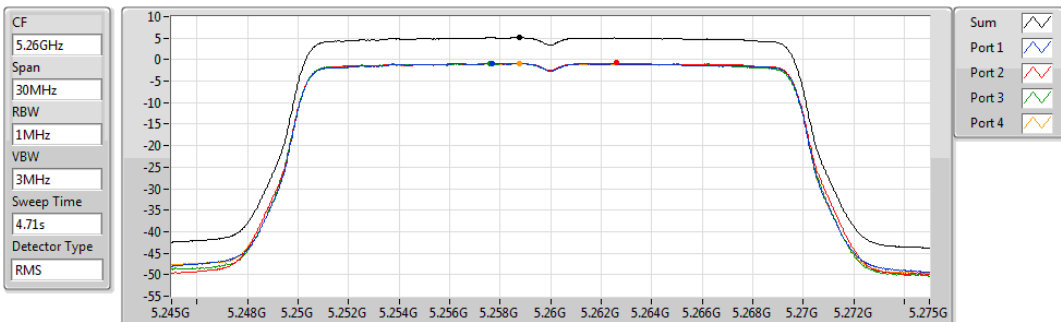
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
-6.83	-6.83	-13.26	-12.44	-12.82	-12.36

802.11ax HEW20_Nss4,(MCS0)_4TX

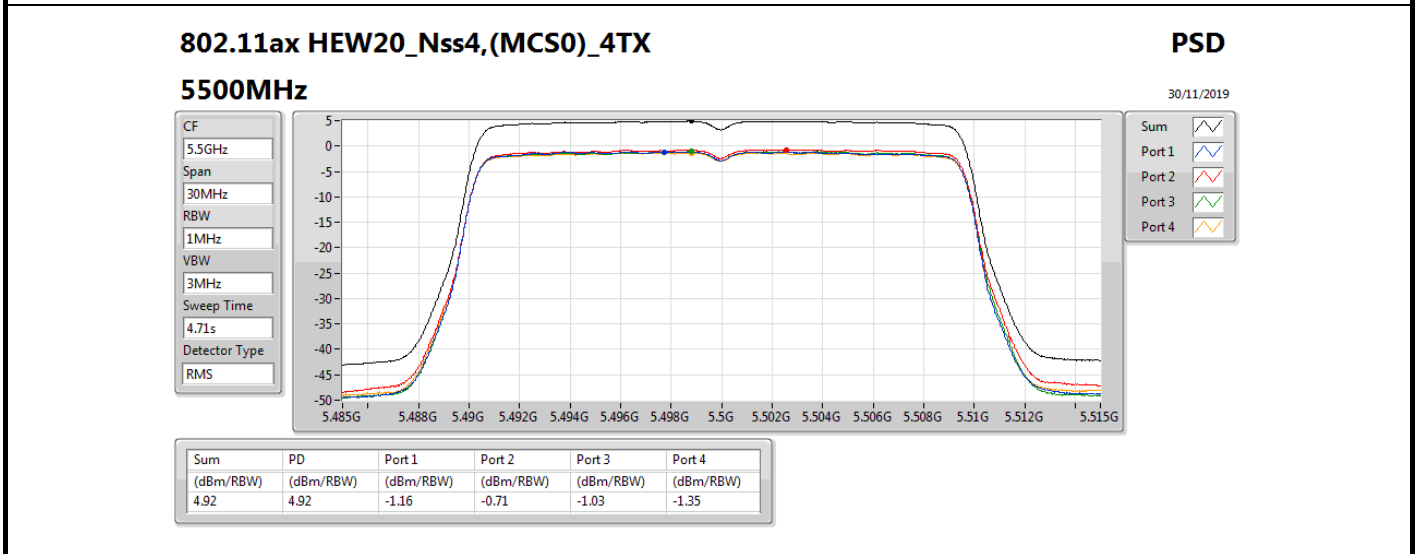
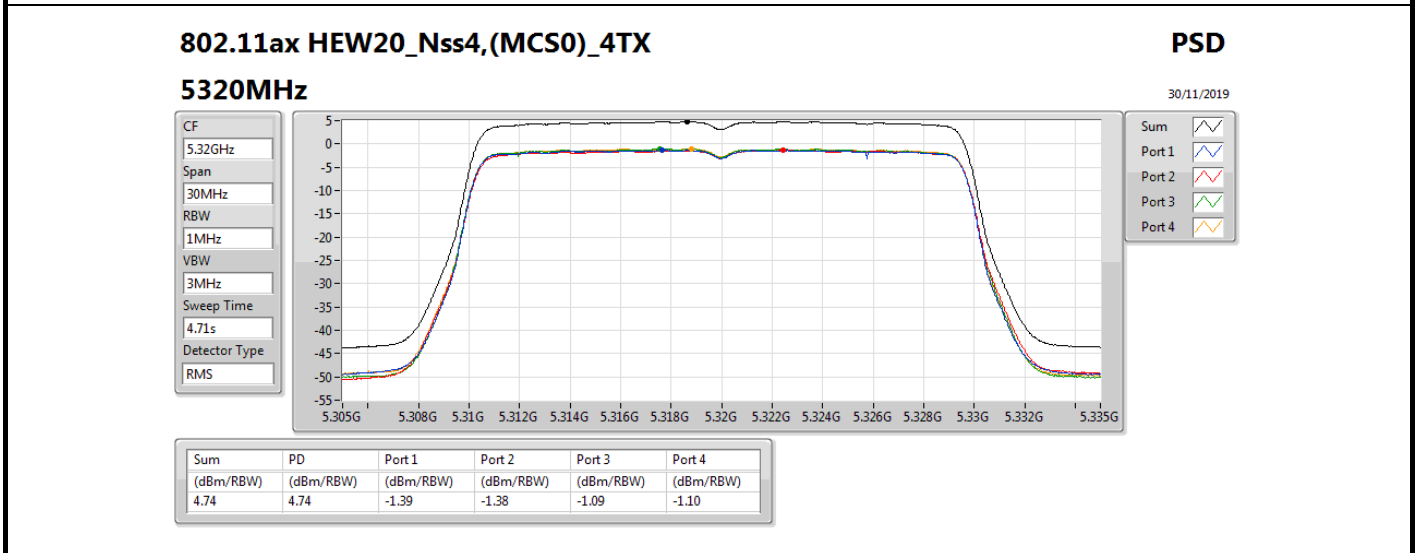
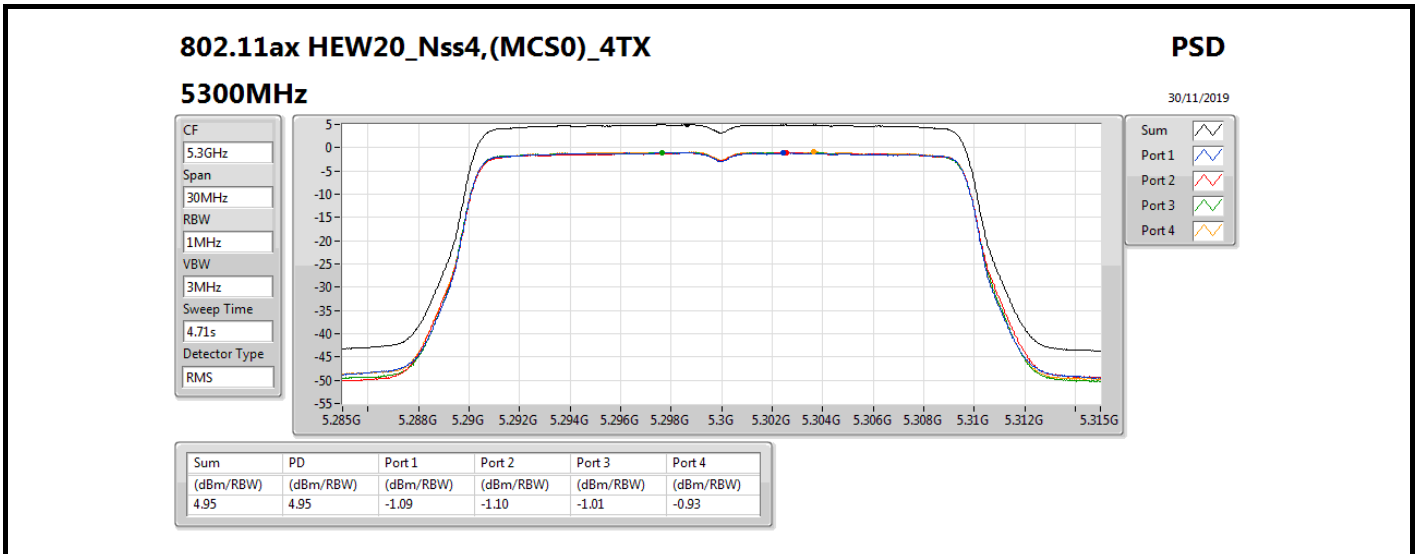
PSD

5260MHz

30/11/2019



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

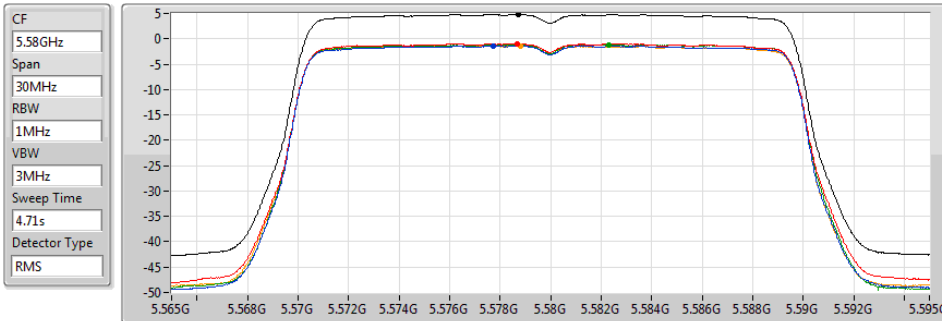


802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5580MHz

30/11/2019



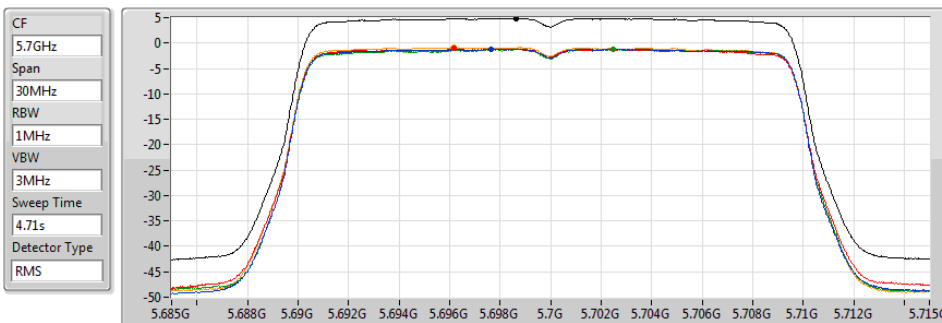
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.79	4.79	-1.42	-0.97	-1.13	-1.35

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5700MHz

30/11/2019



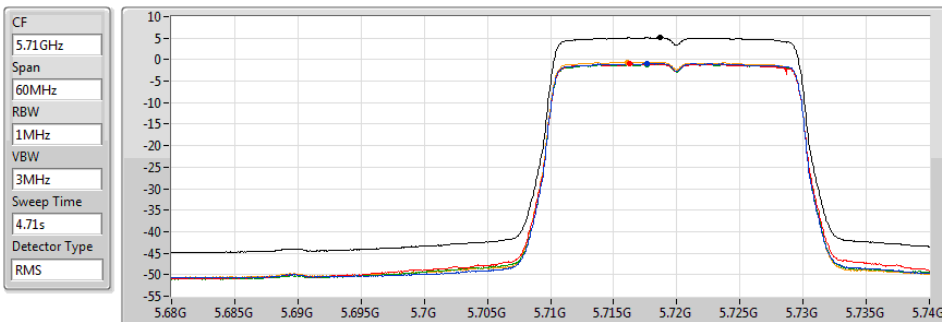
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.88	4.88	-1.19	-1.12	-1.19	-0.87

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

30/11/2019



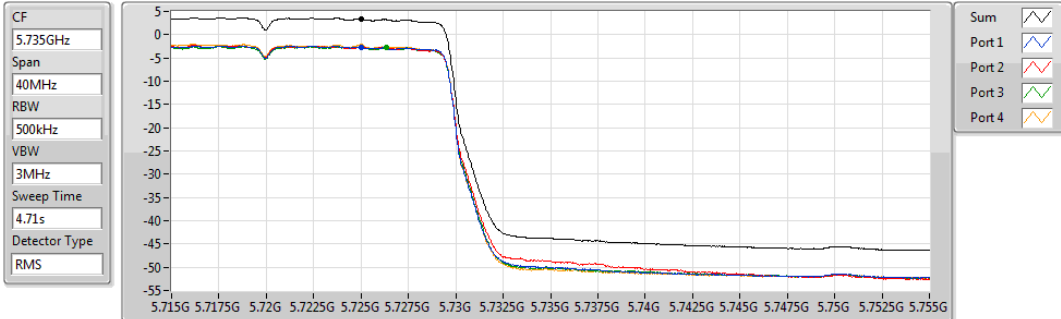
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.10	5.10	-0.88	-1.02	-1.05	-0.57

802.11ax HEW20_Nss4,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

30/11/2019



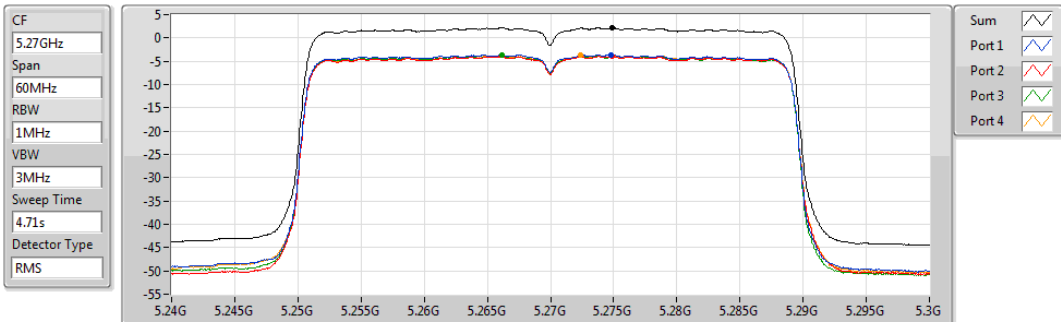
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.37	3.37	-2.76	-2.66	-2.70	-2.39

802.11ax HEW40_Nss4,(MCS0)_4TX

PSD

5270MHz

30/11/2019



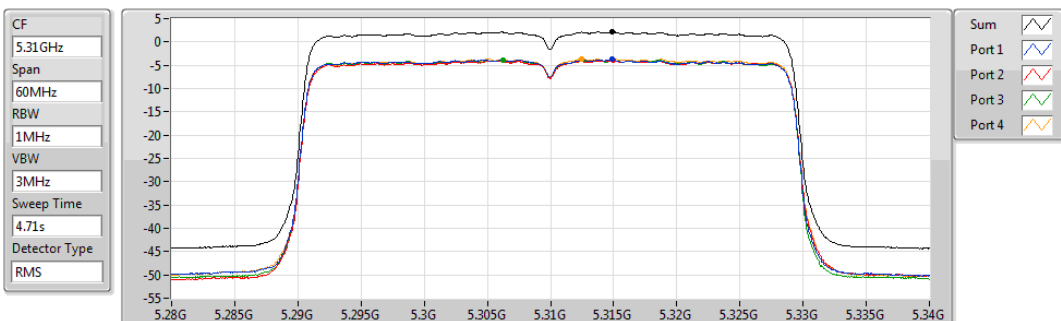
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.18	2.18	-3.58	-3.95	-3.77	-3.77

802.11ax HEW40_Nss4,(MCS0)_4TX

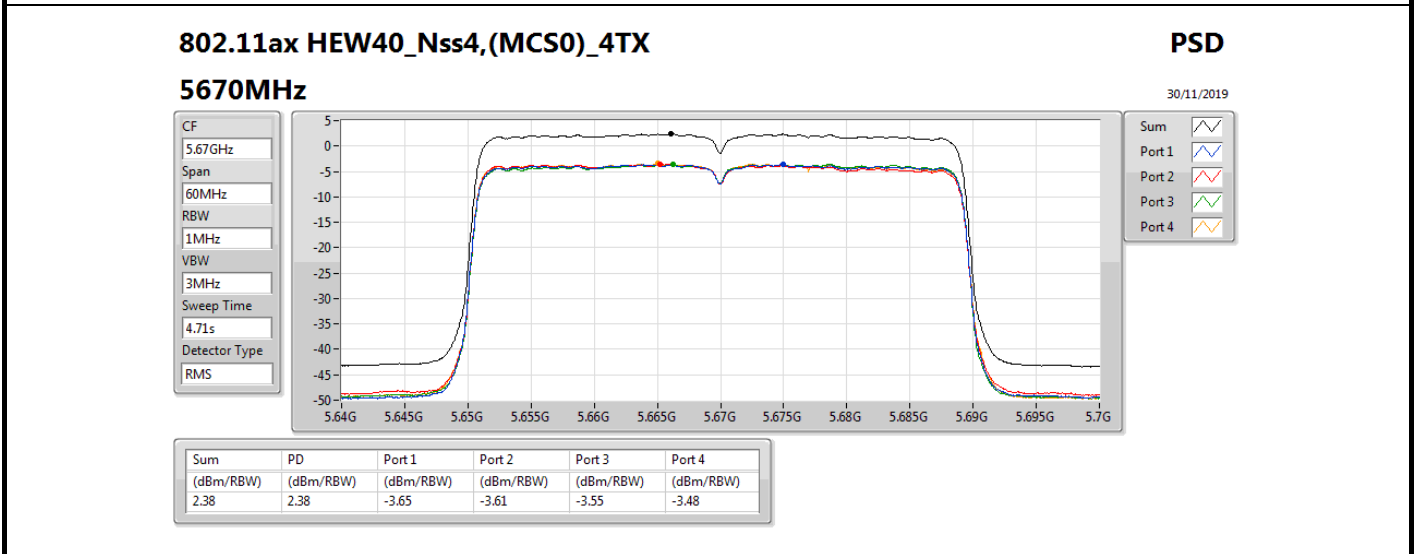
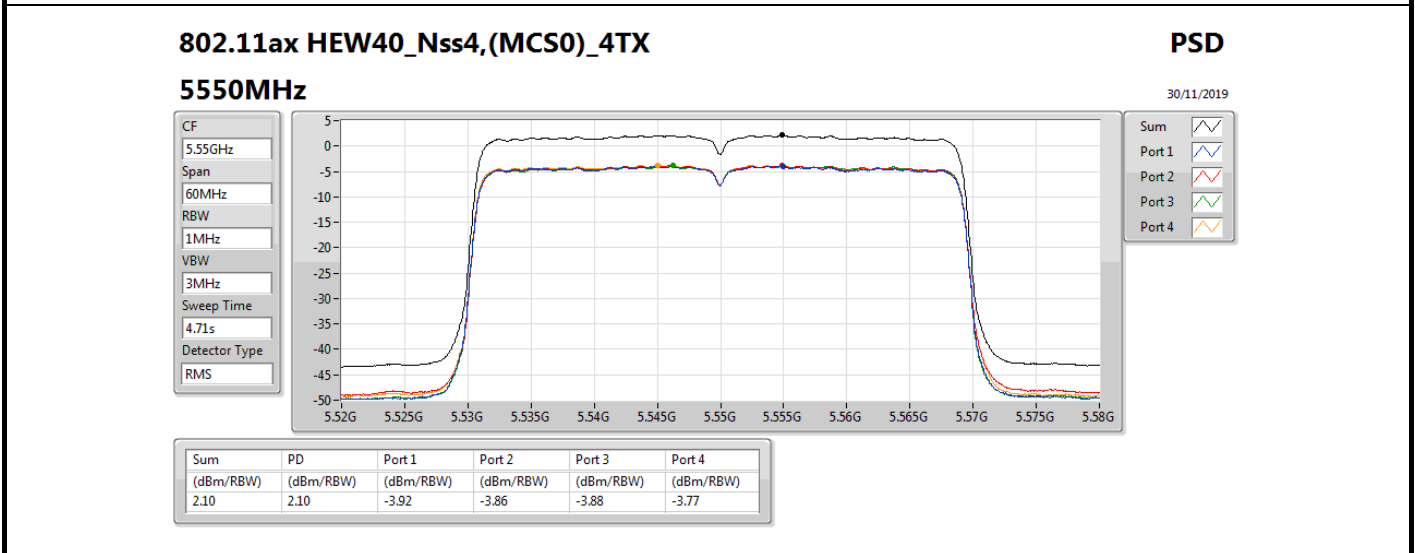
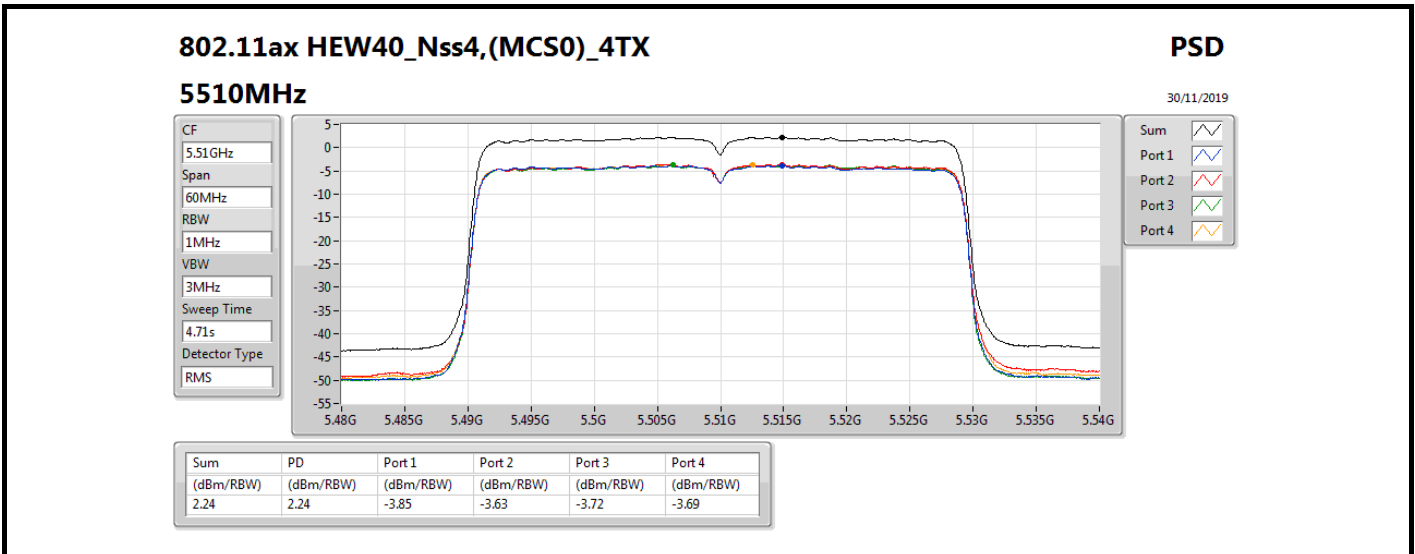
PSD

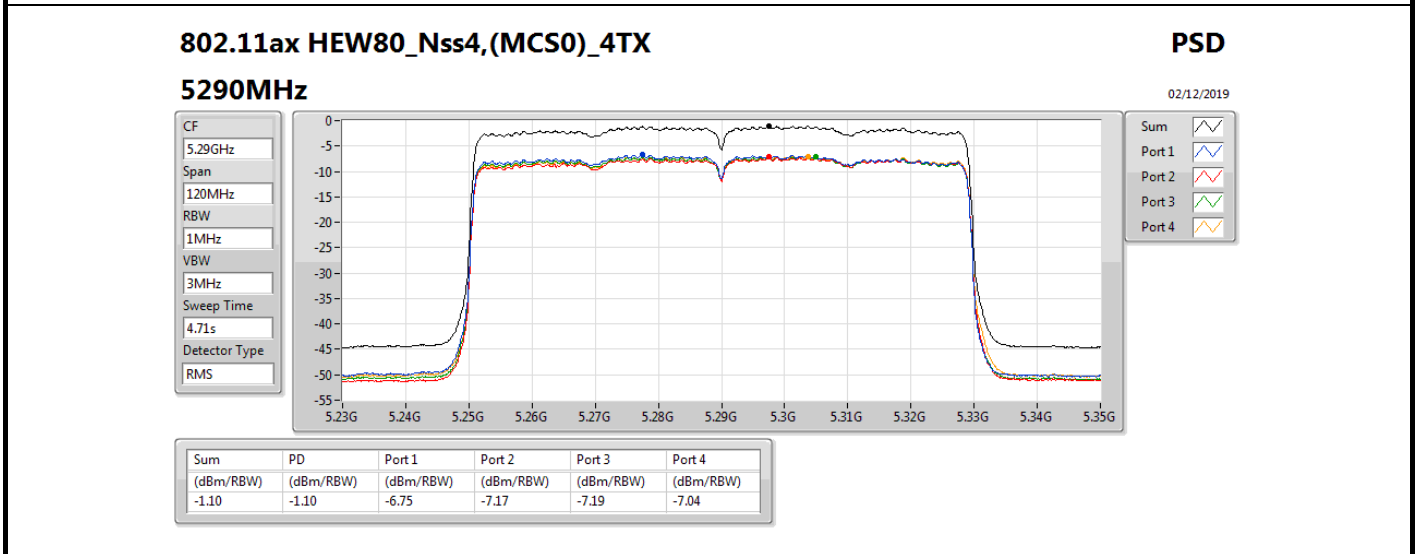
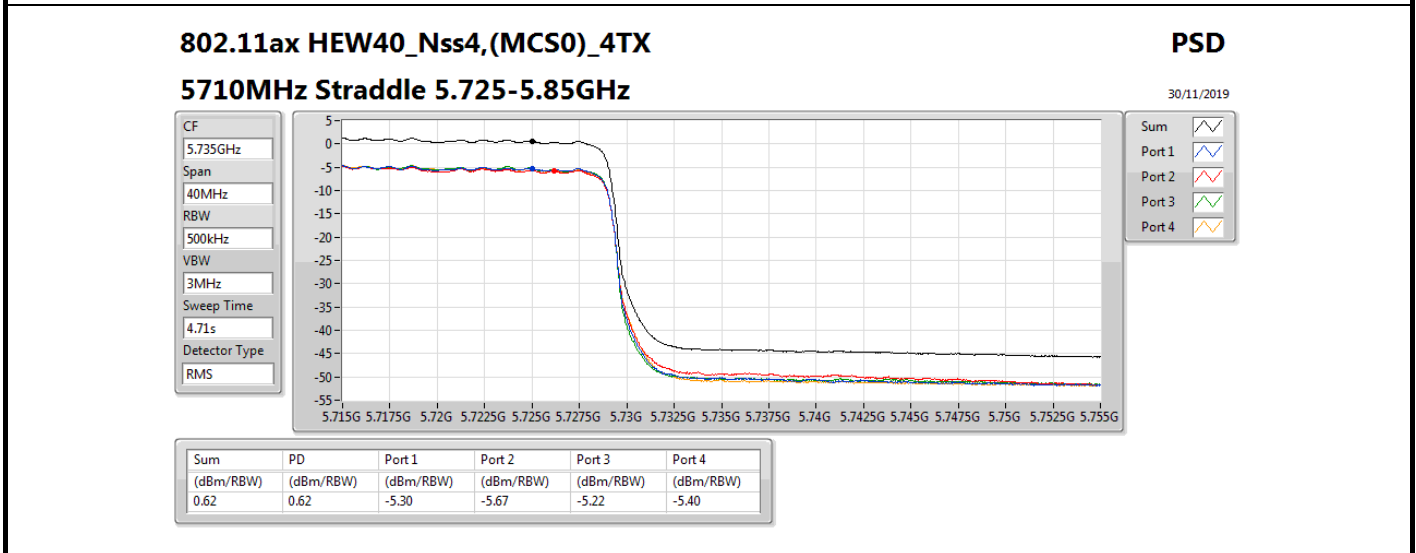
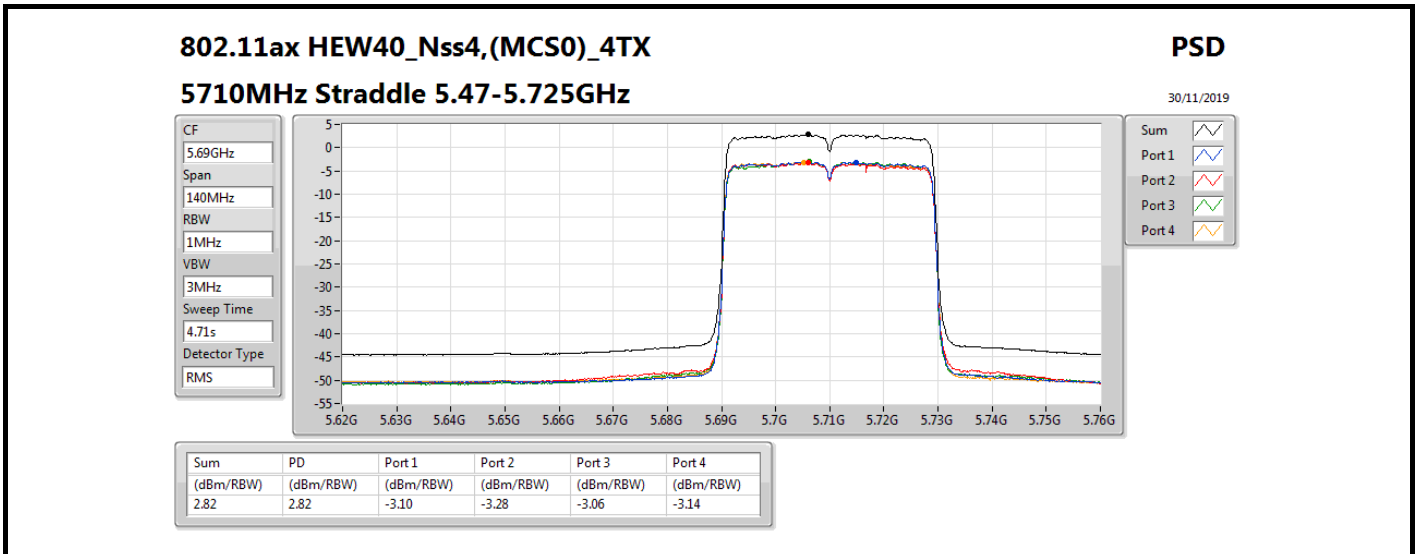
5310MHz

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)
2.15	2.15	-3.77	-4.02	-3.80	-3.63



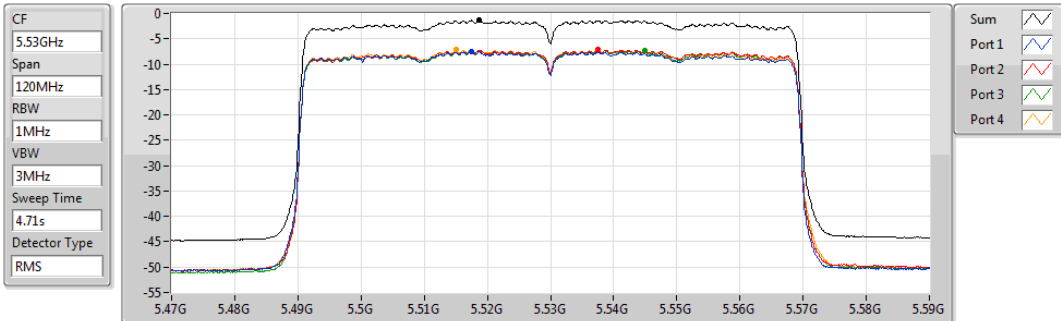


802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5530MHz

02/12/2019



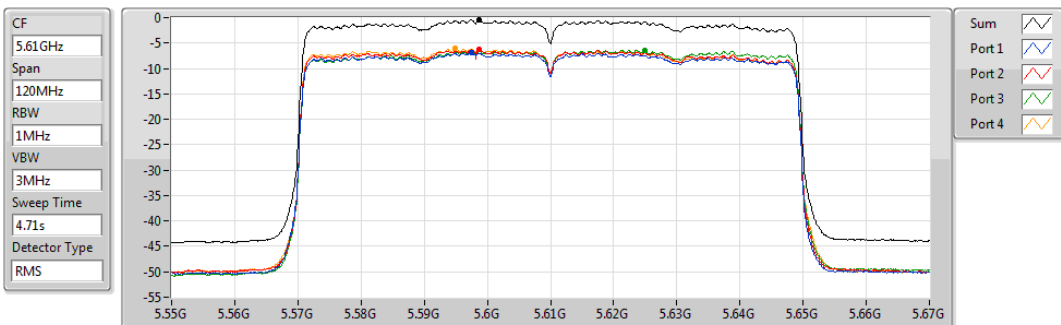
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.37	-1.37	-7.47	-7.03	-7.38	-7.18

802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5610MHz

02/12/2019



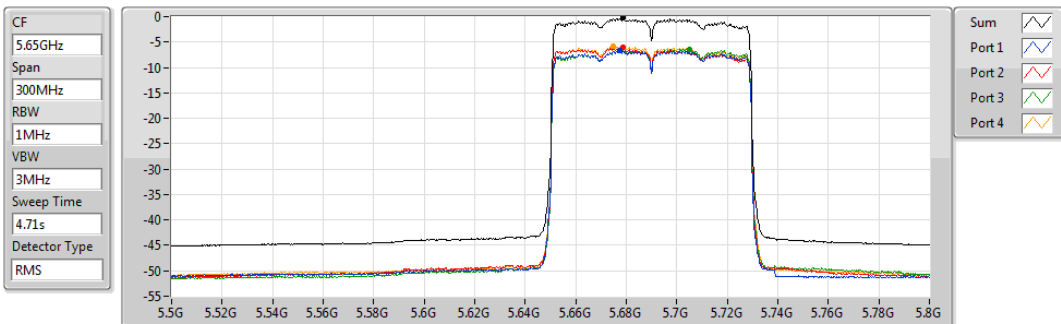
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.46	-0.46	-6.86	-6.20	-6.35	-6.04

802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

02/12/2019



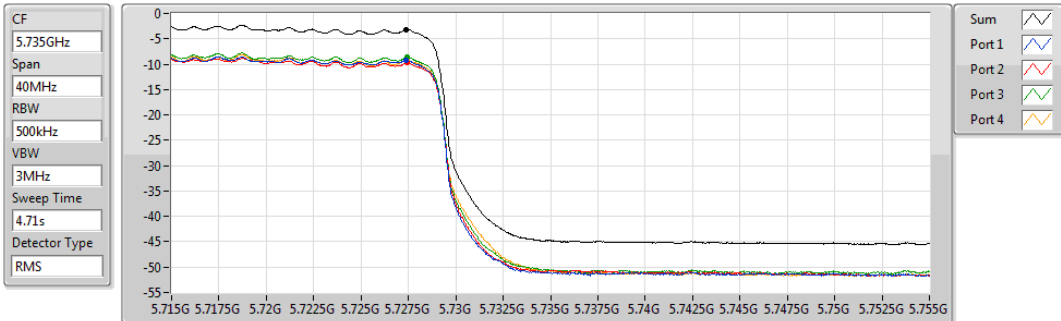
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.31	-0.31	-6.64	-6.07	-6.42	-5.74

802.11ax HEW80_Nss4,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

02/12/2019



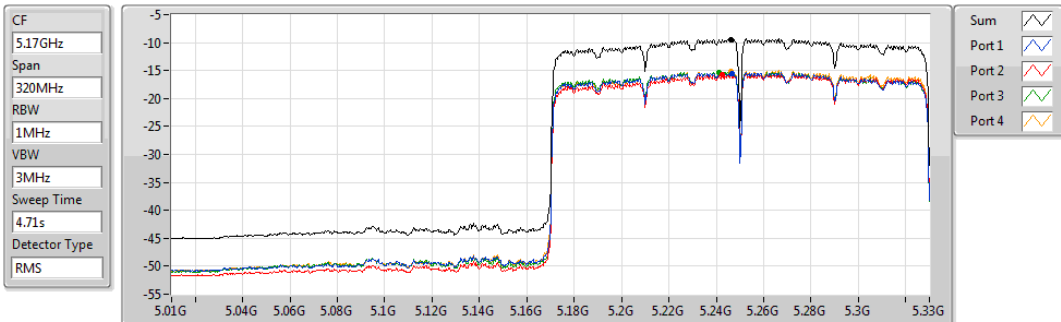
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.13	-3.13	-9.19	-9.71	-8.53	-9.21

802.11ax HEW160_Nss4,(MCS0)_4TX

PSD

5250MHz Straddle 5.15-5.25GHz

02/12/2019



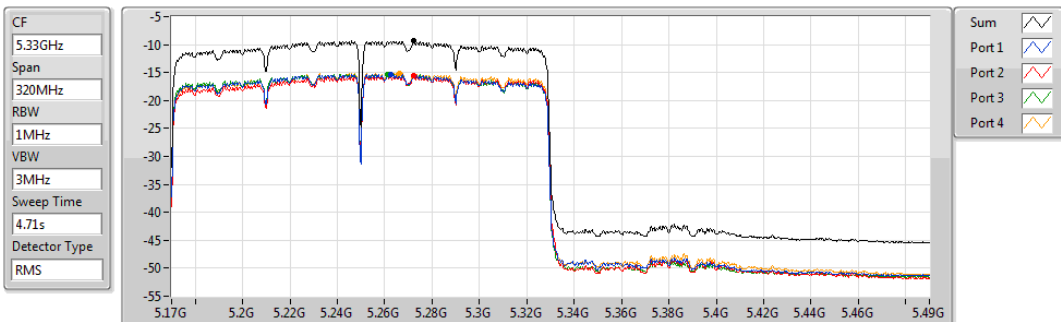
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.44	-9.44	-15.46	-15.77	-15.28	-15.15

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



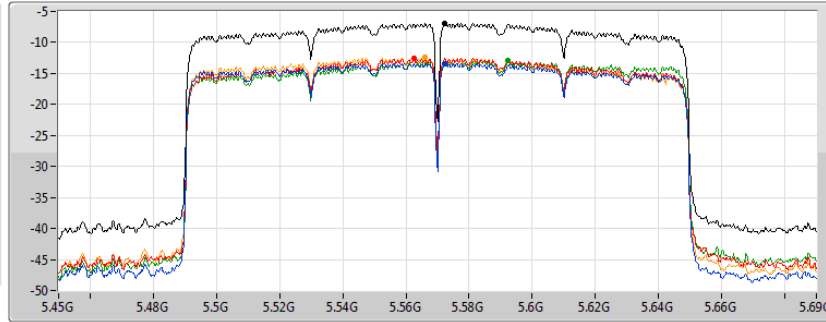
802.11ax HEW160_Nss4,(MCS0)_4TX

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

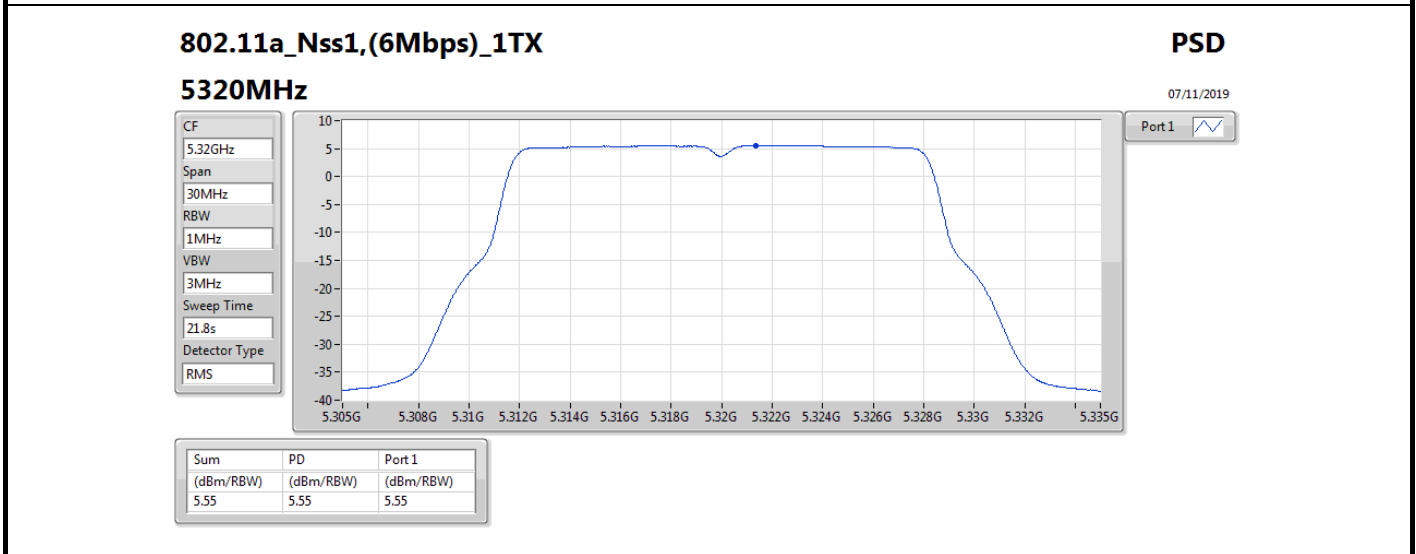
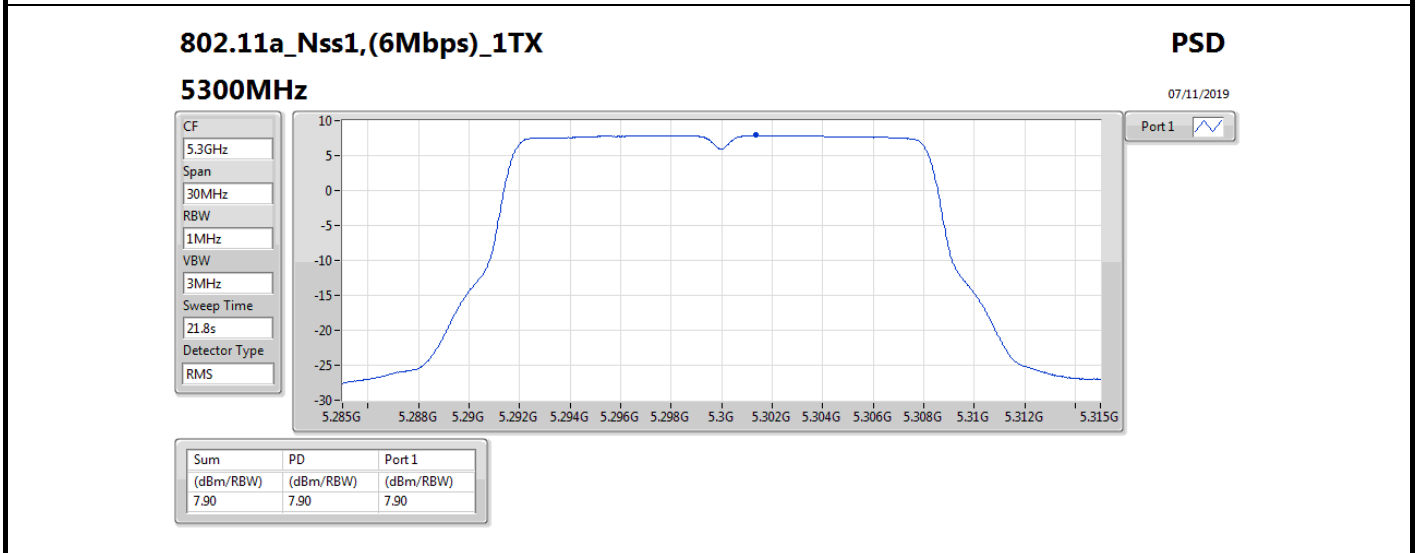
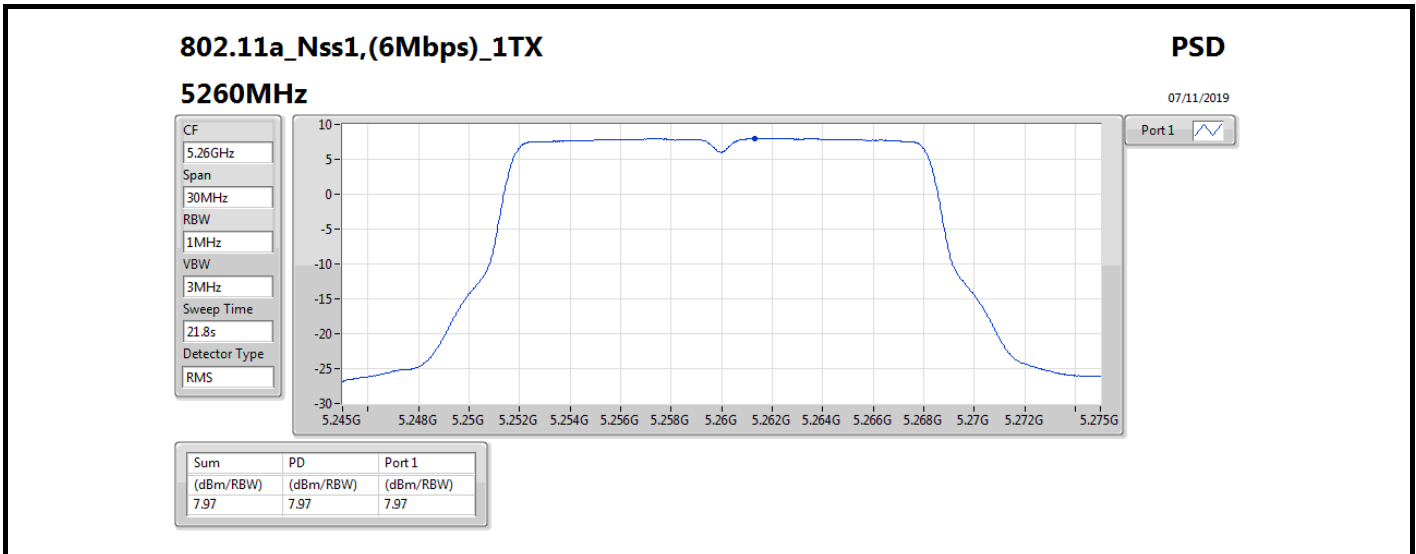
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	8.00	7.97	7.97	9.00	15.97	17.00
5300MHz_TnomVnom	Pass	8.00	7.90	7.90	9.00	15.90	17.00
5320MHz_TnomVnom	Pass	8.00	5.55	5.55	9.00	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

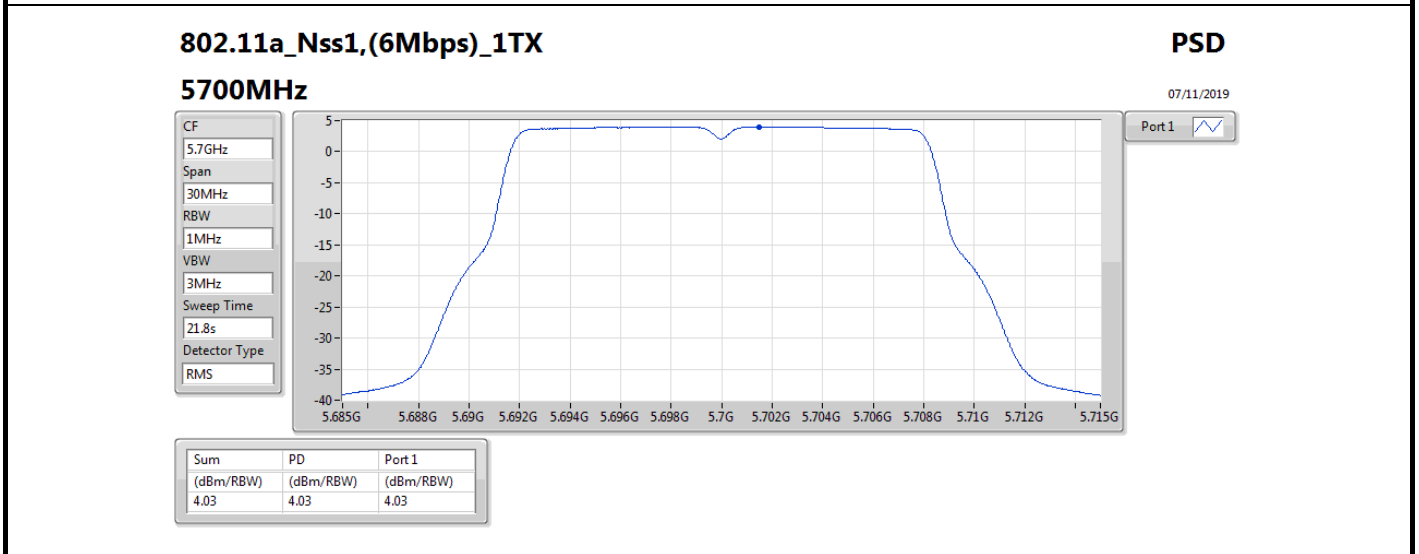
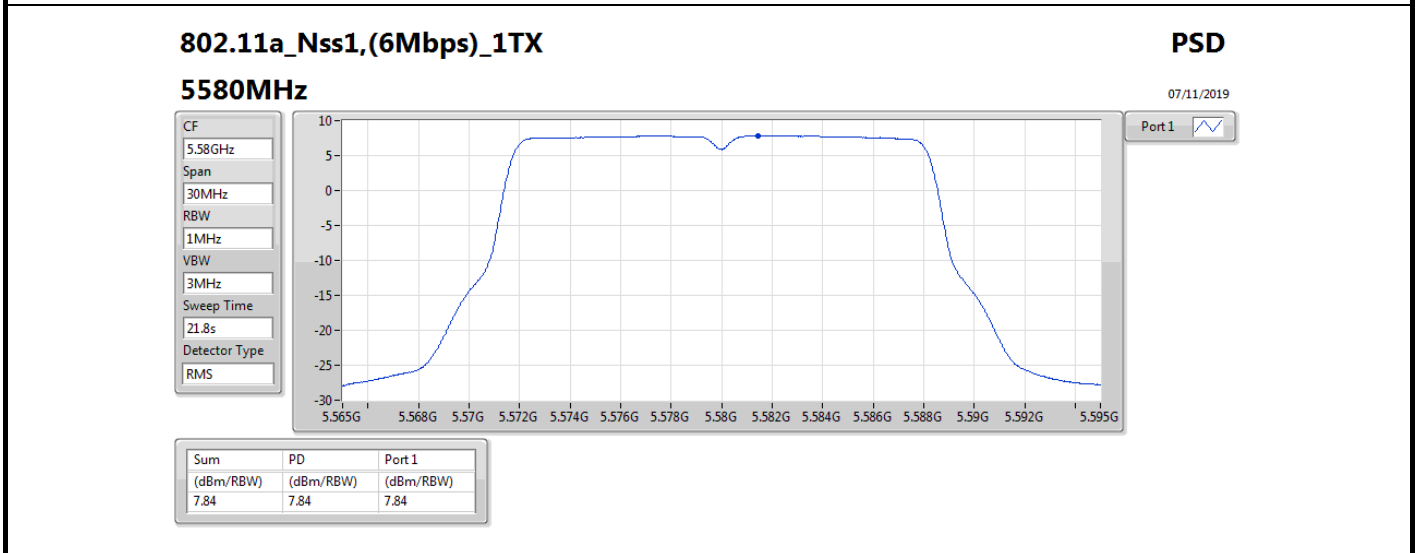
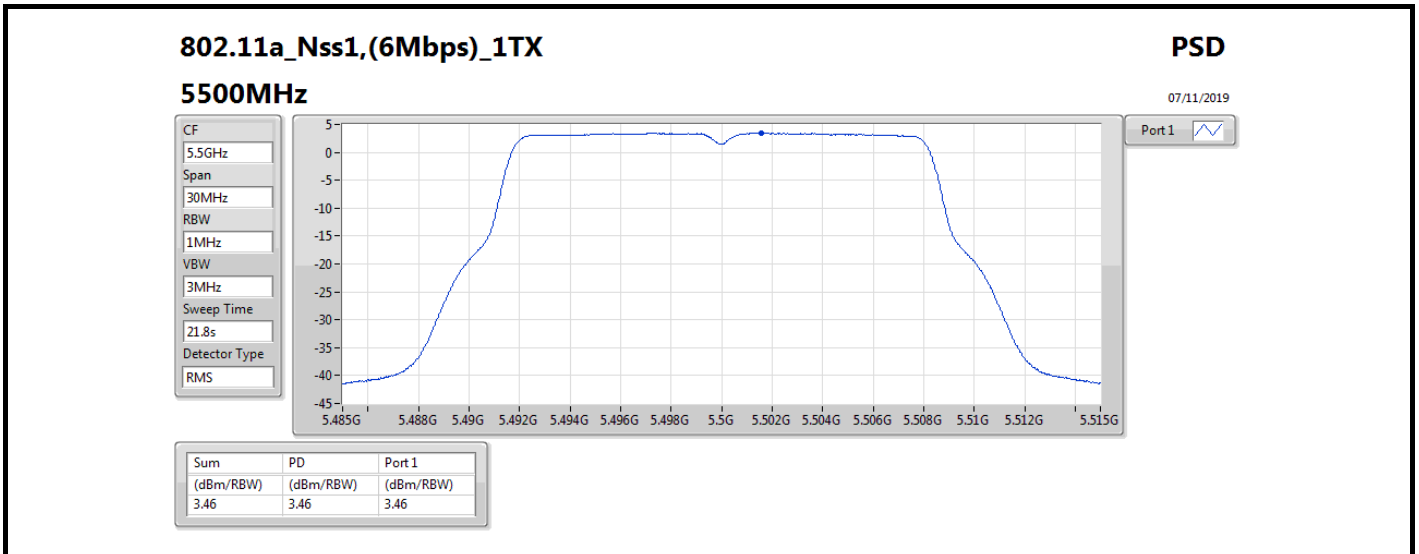


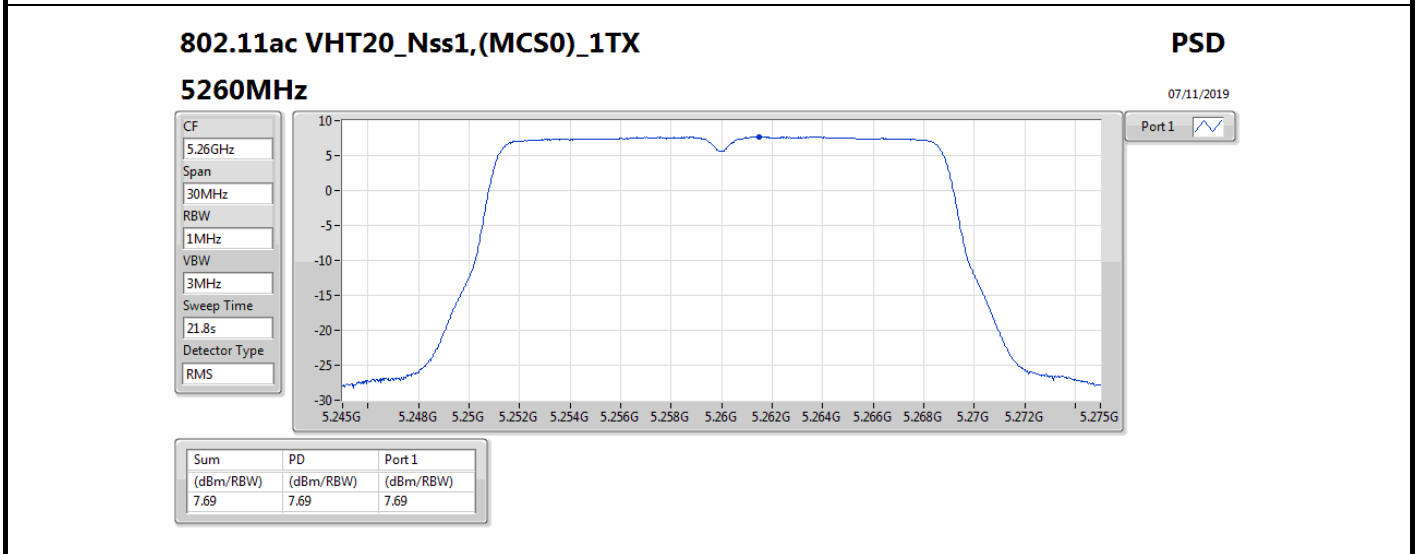
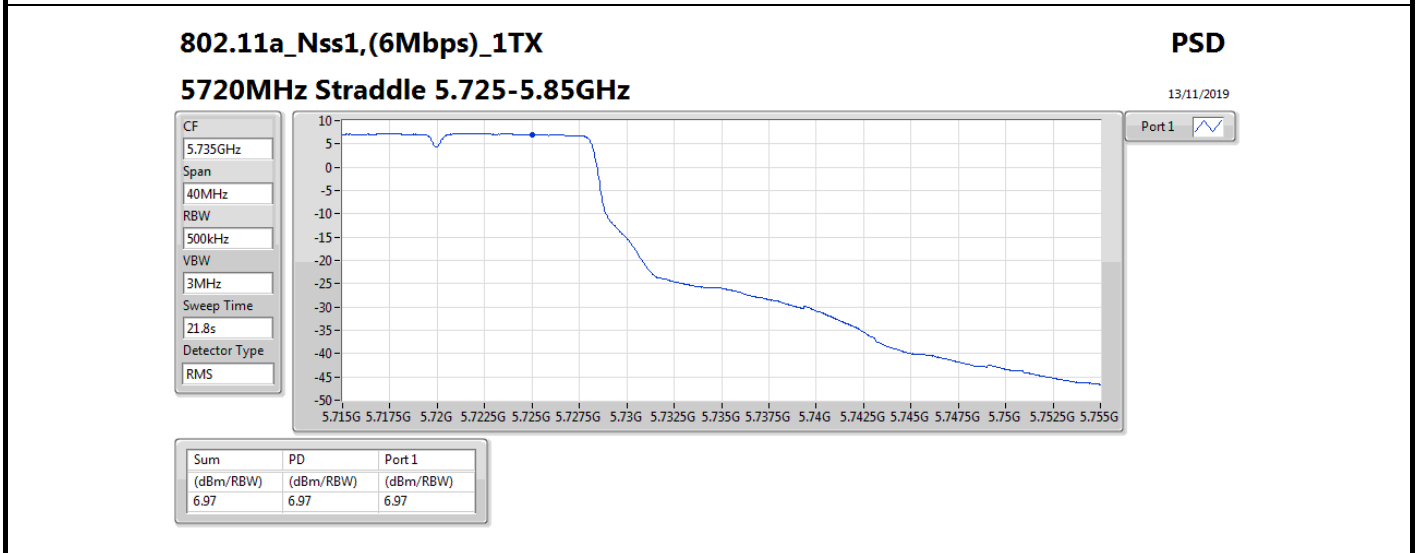
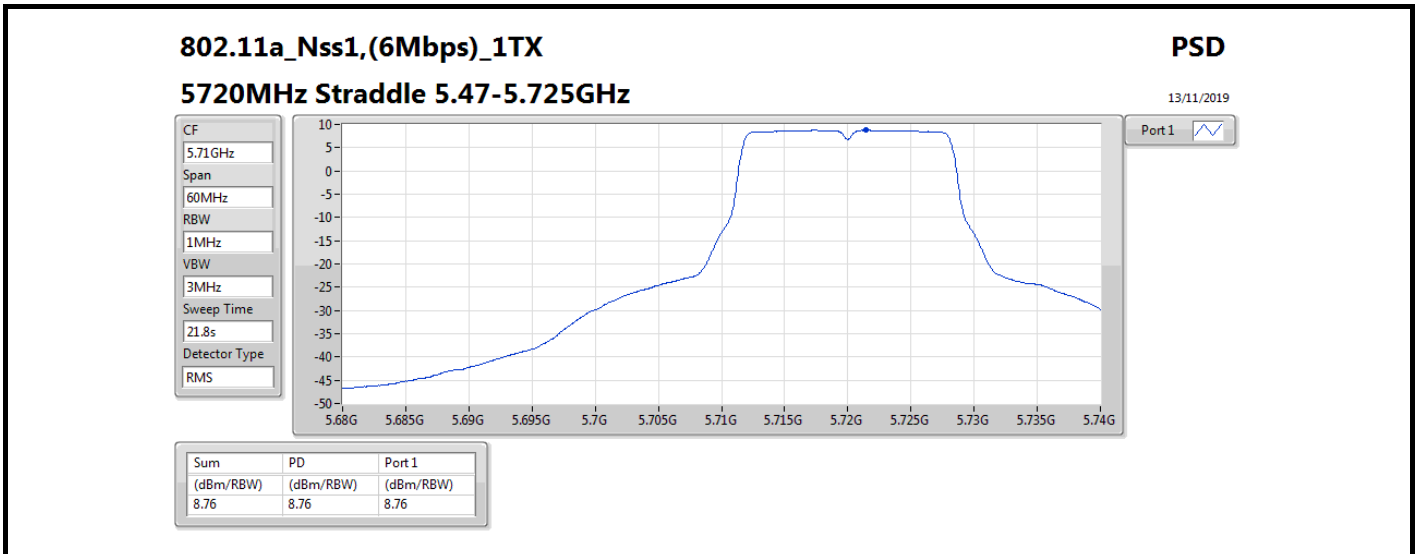
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5510MHz_TnomVnom	Pass	8.00	-1.40	-1.40	9.00	6.60	17.00
5550MHz_TnomVnom	Pass	8.00	4.70	4.70	9.00	12.70	17.00
5670MHz_TnomVnom	Pass	8.00	1.89	1.89	9.00	9.89	17.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	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

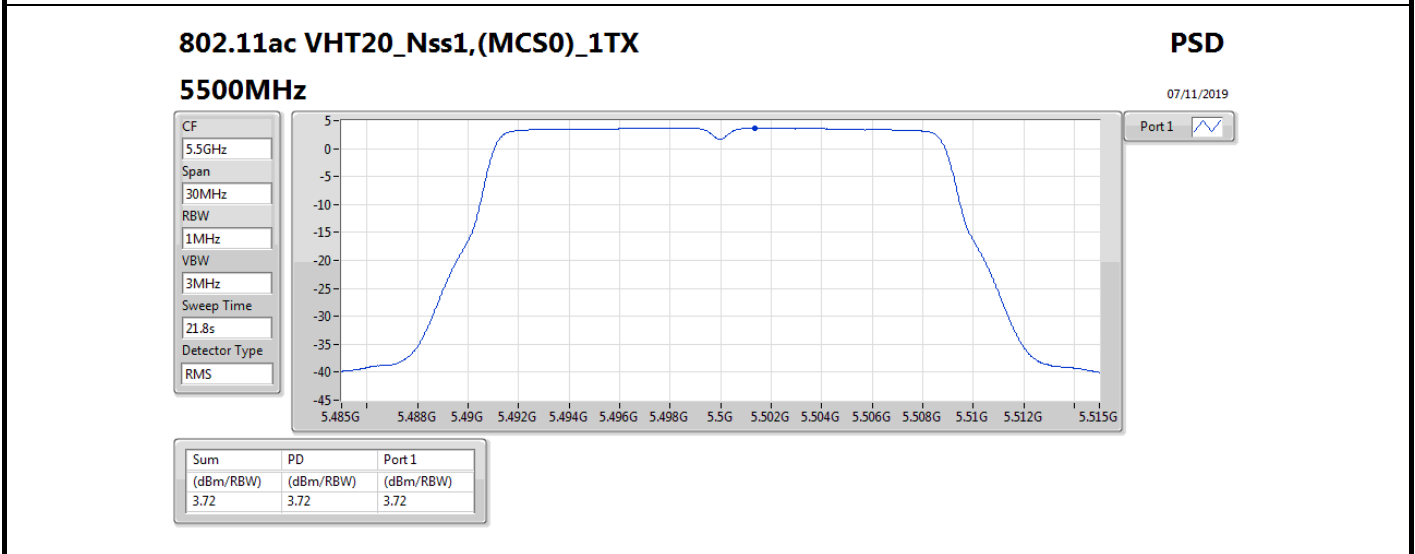
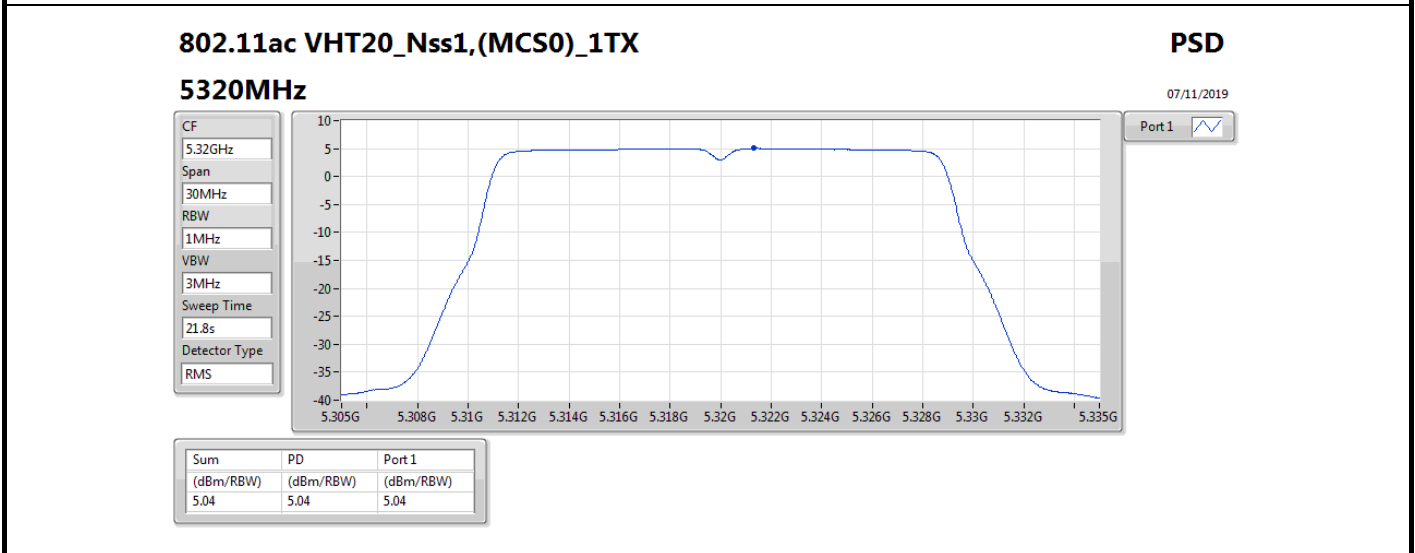
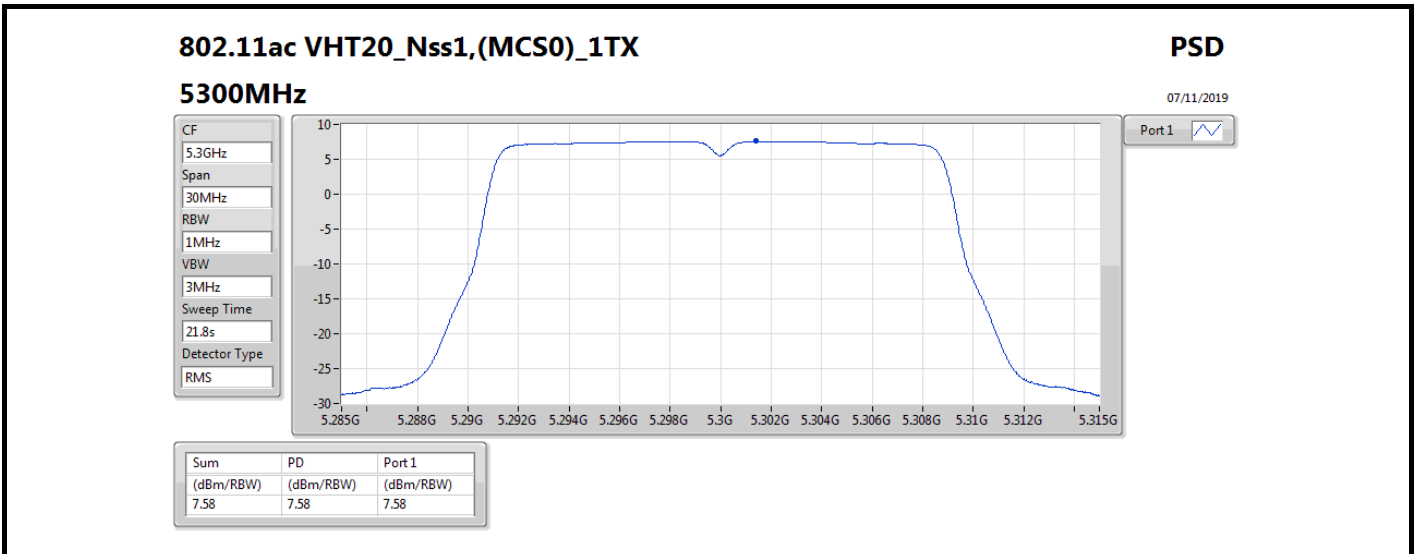
DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

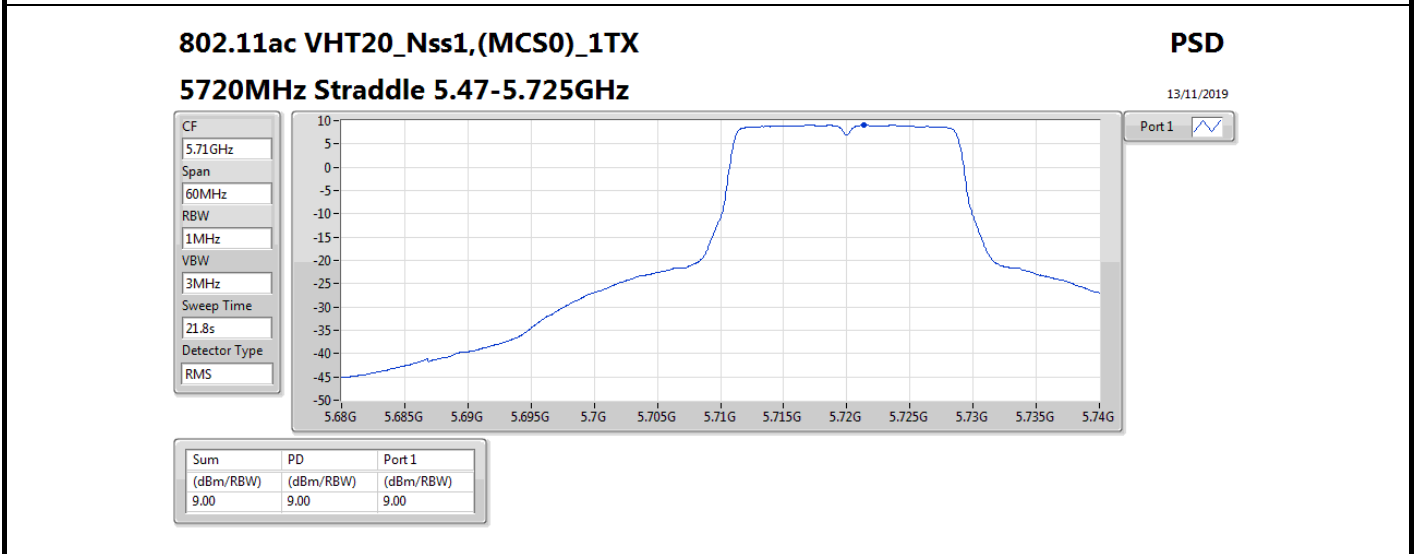
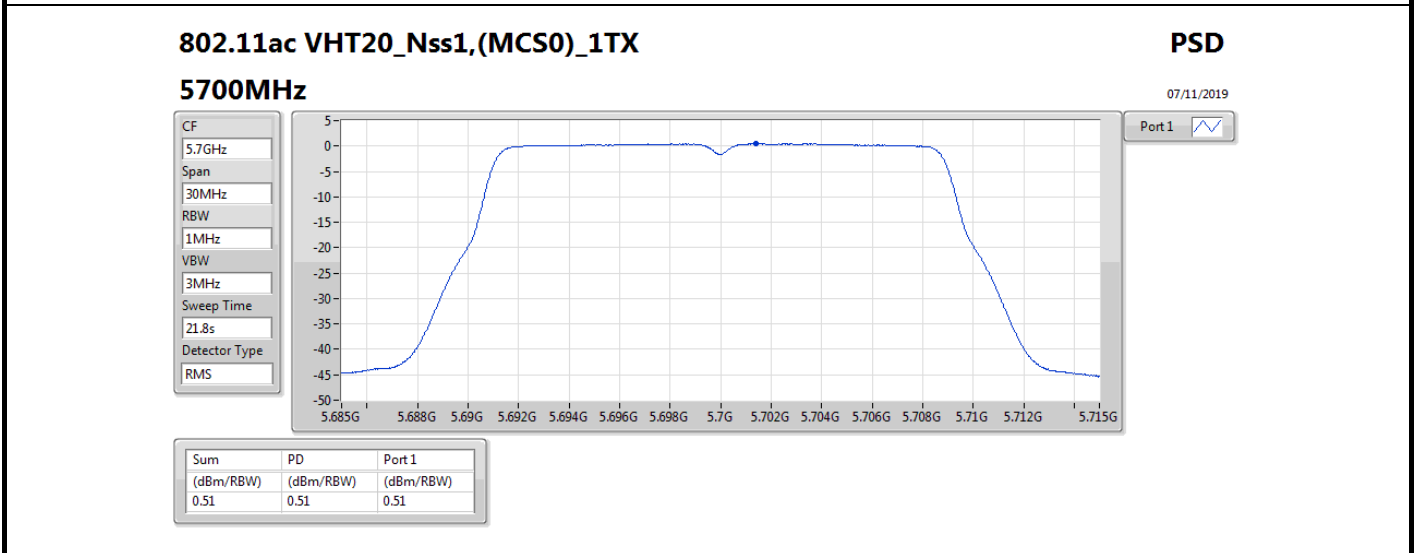
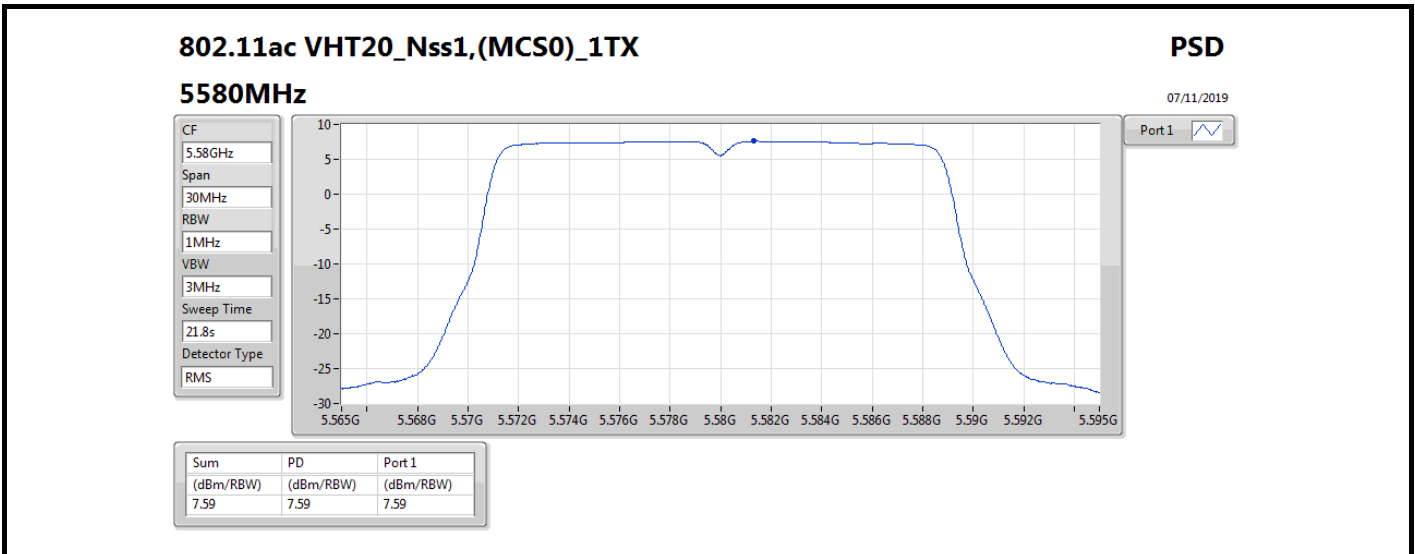
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

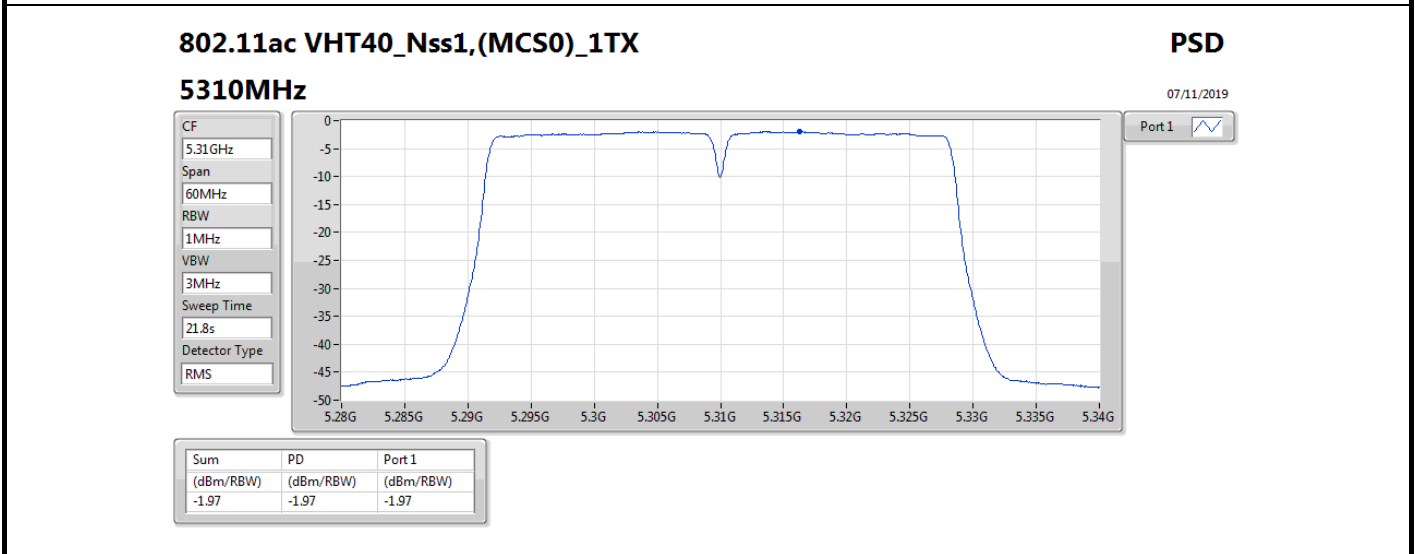
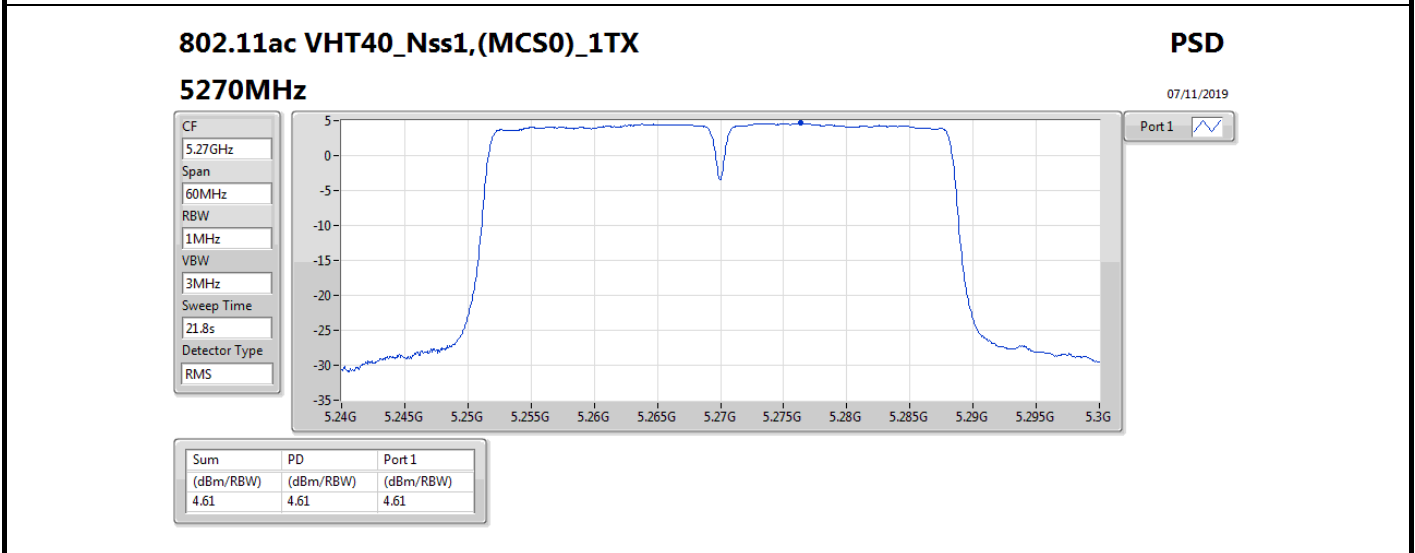
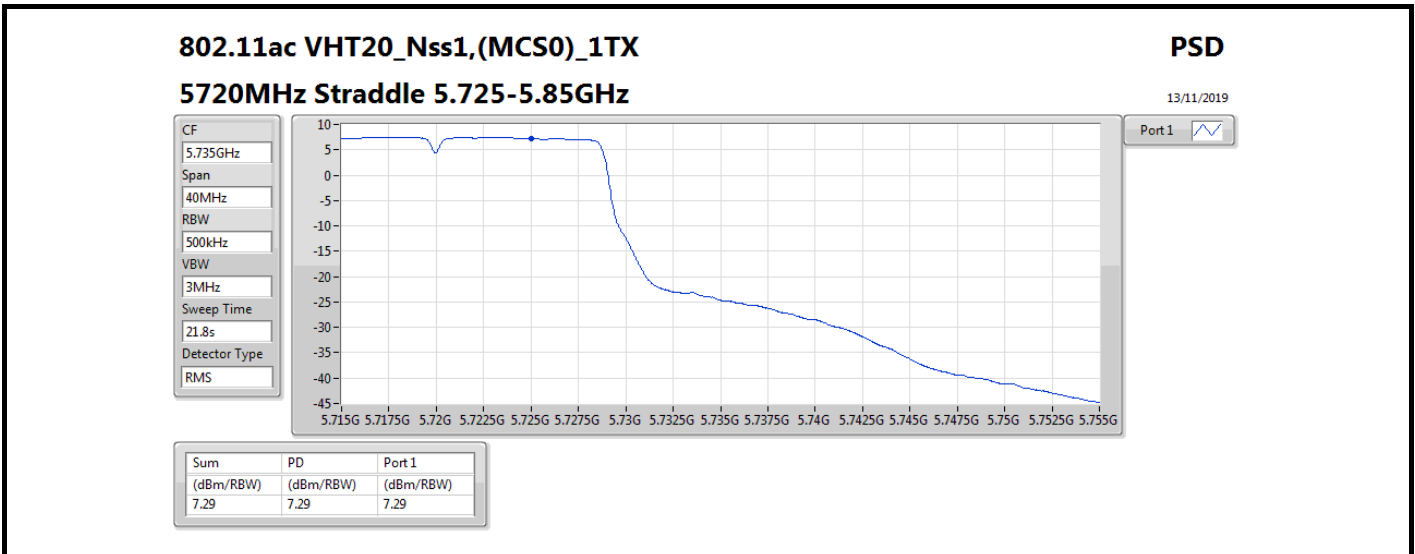


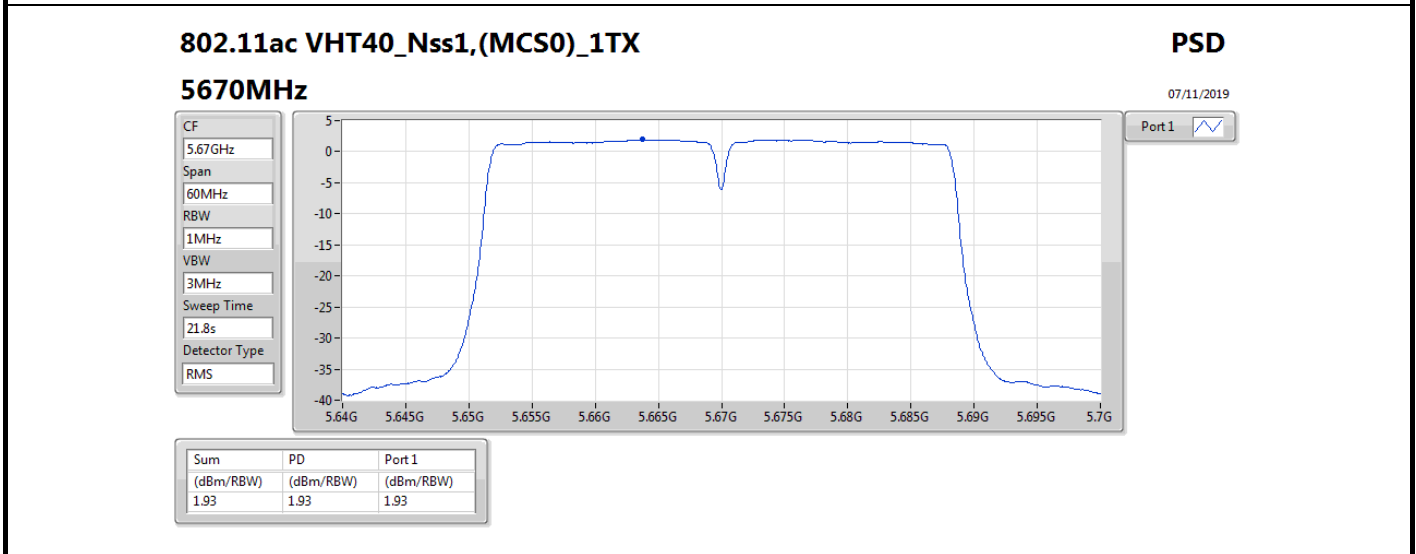
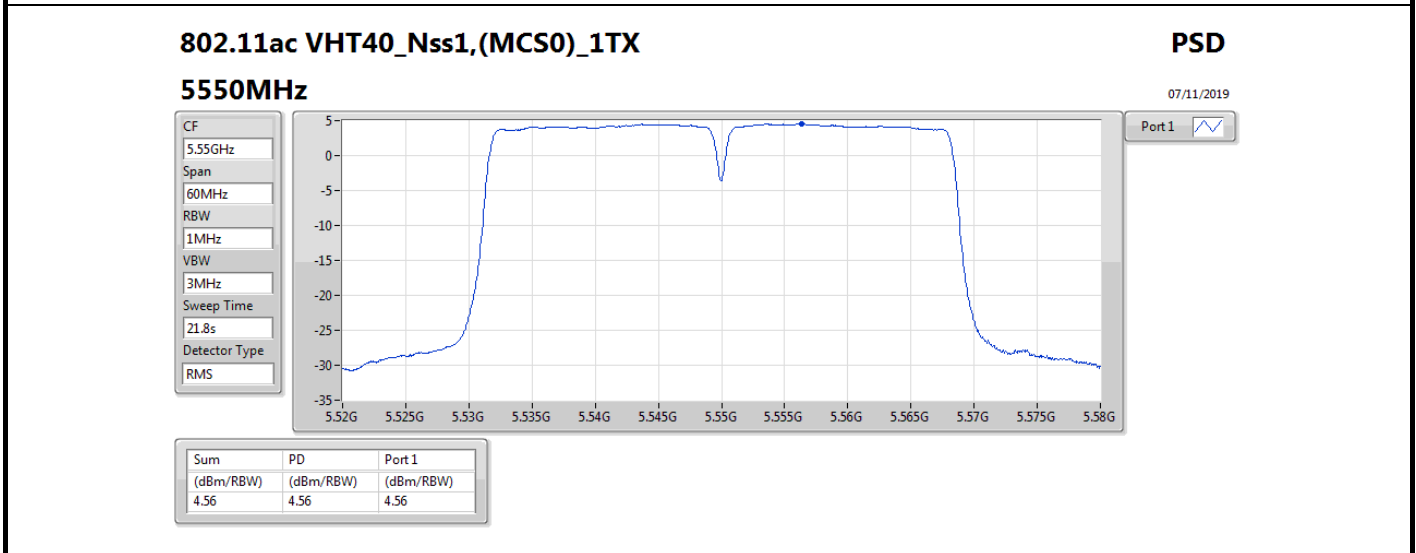
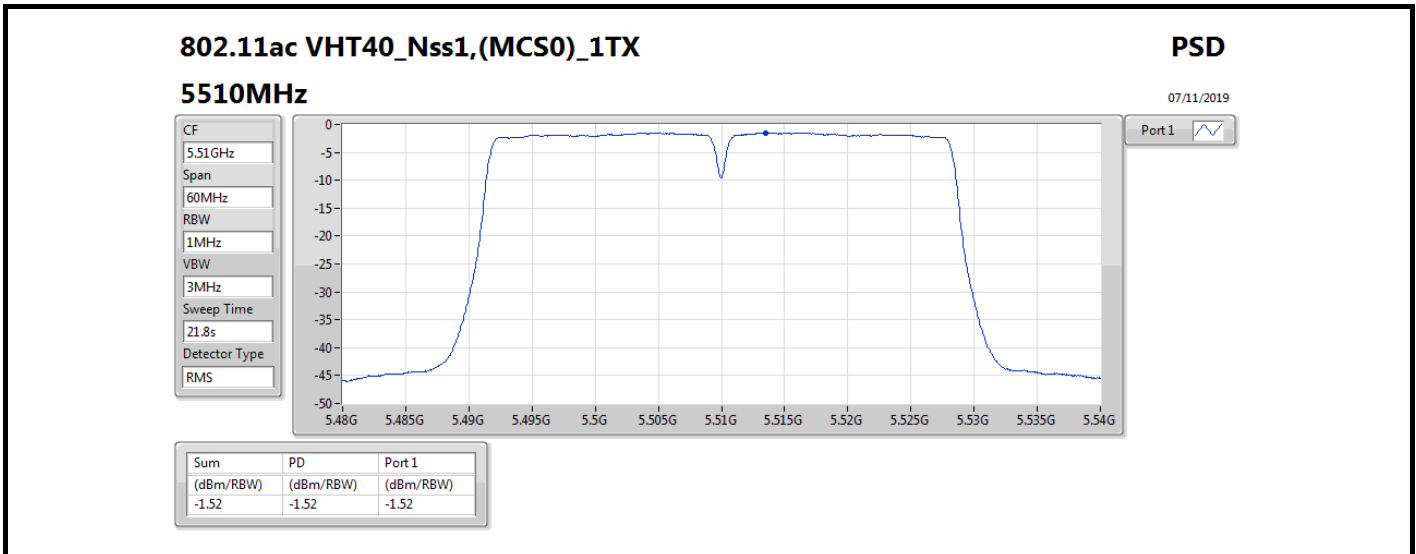


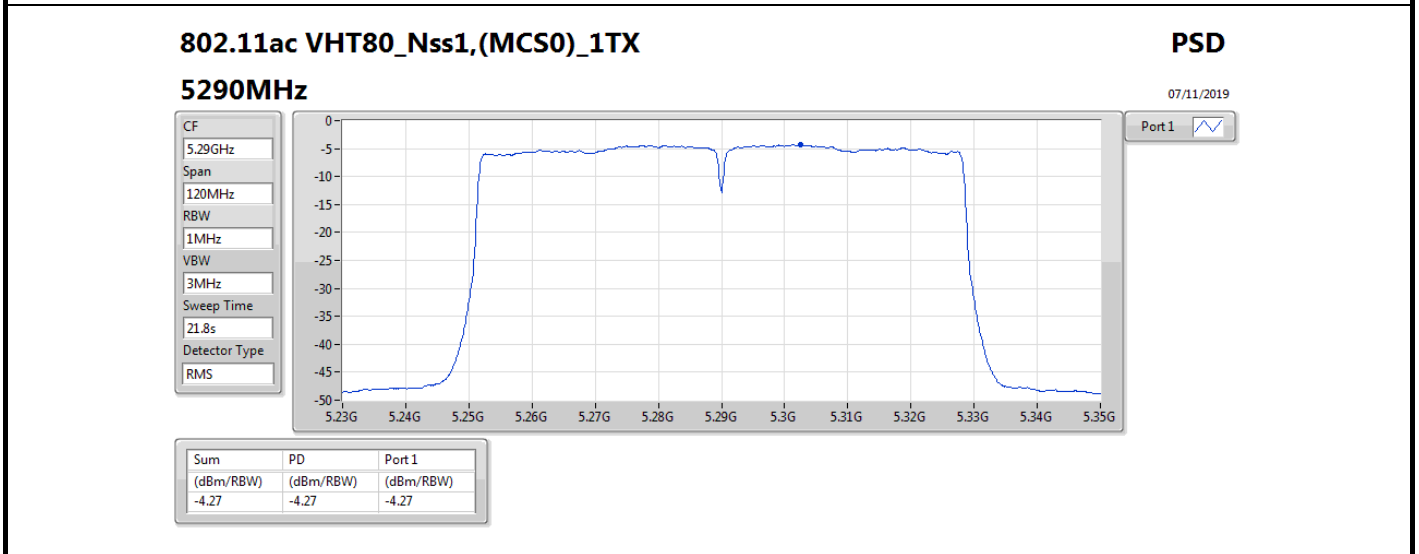
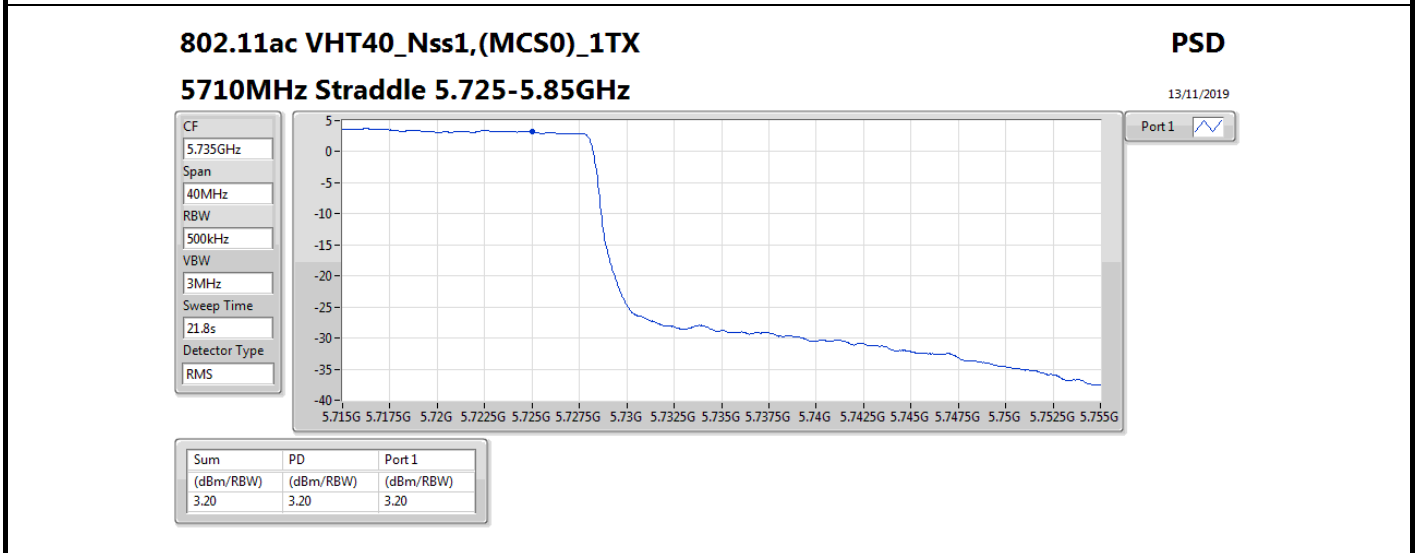
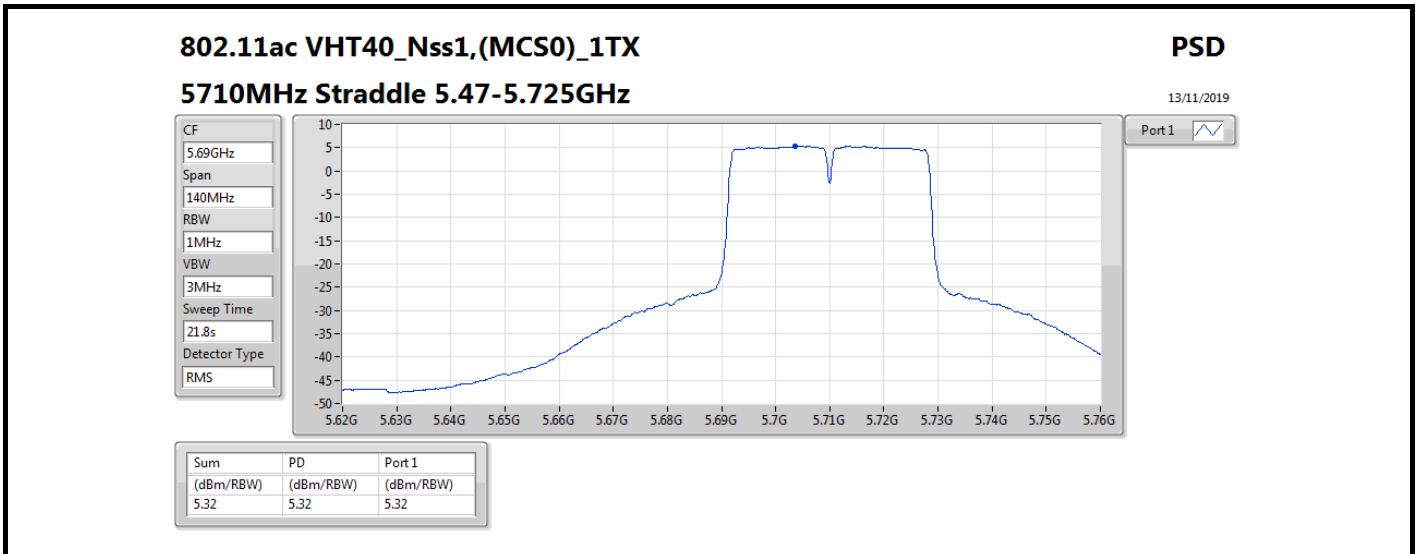


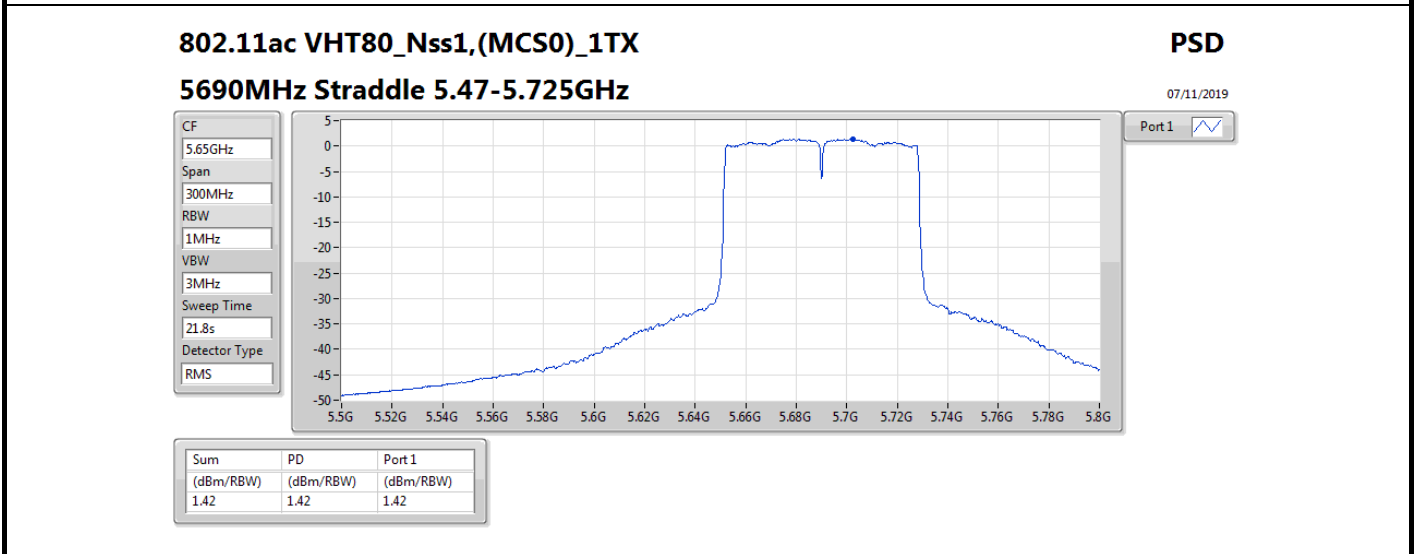
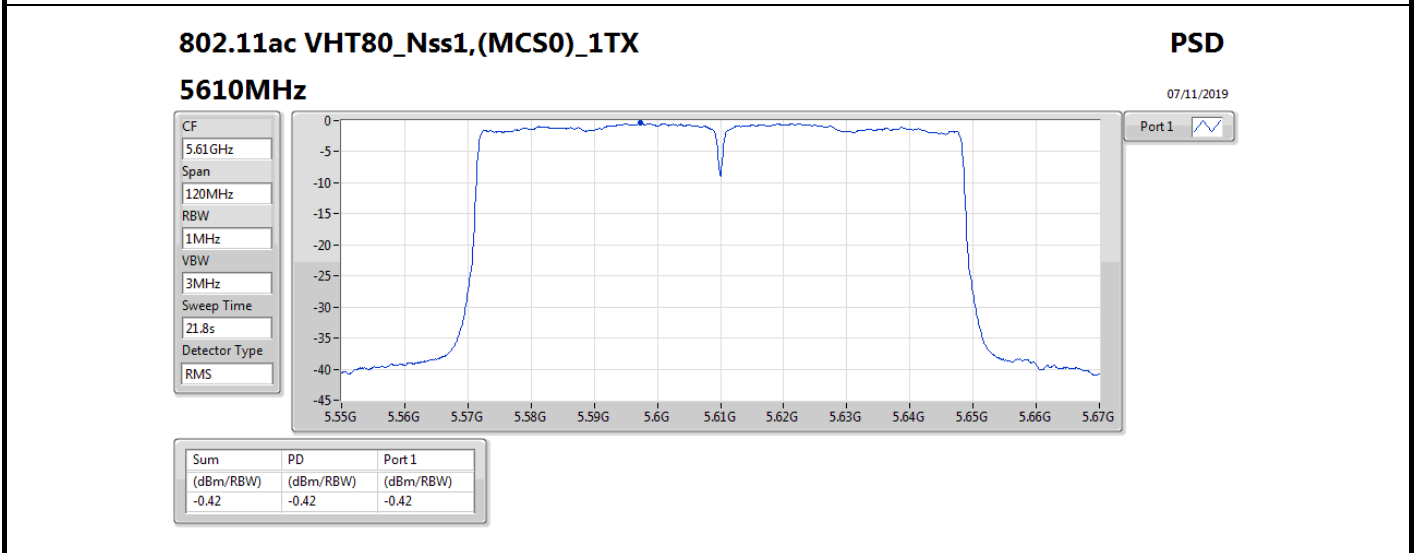
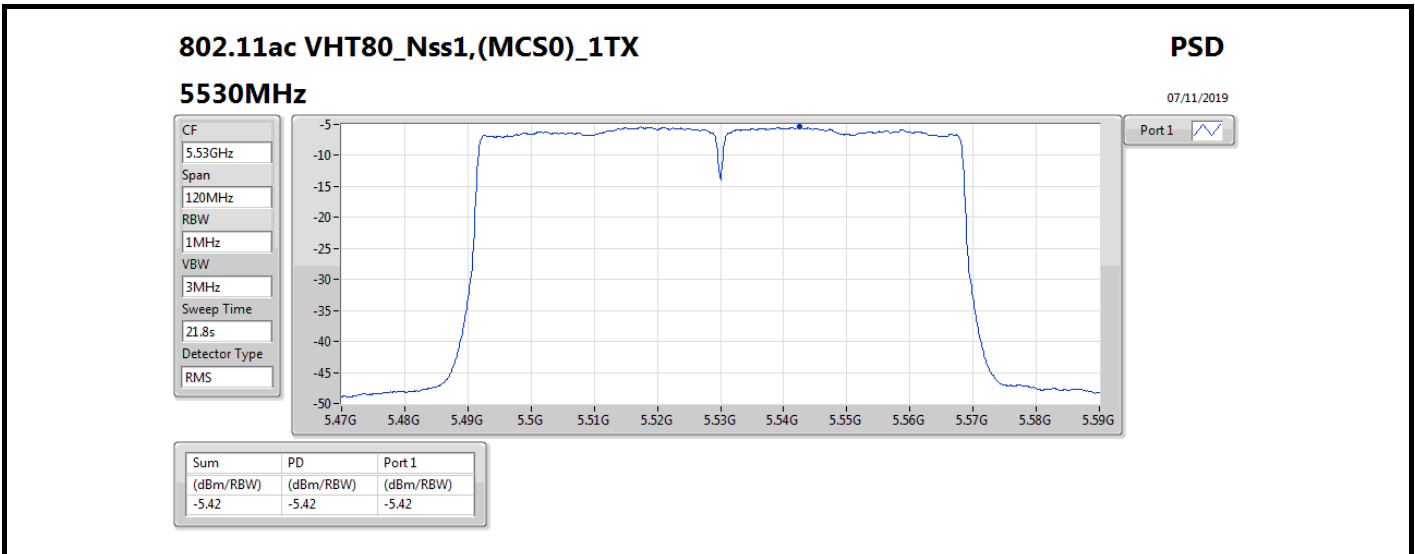












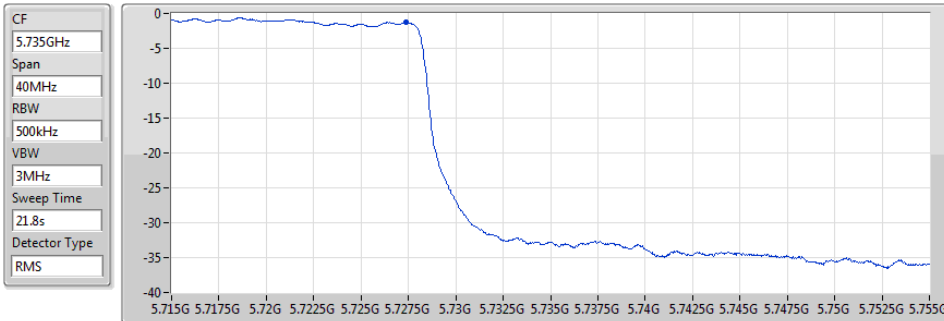


802.11ac VHT80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

07/11/2019



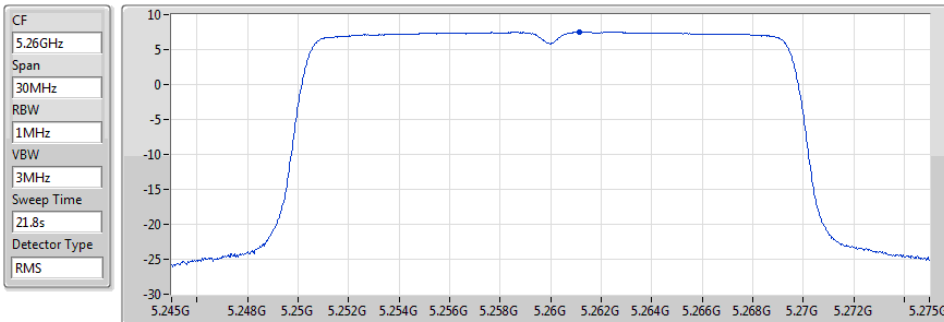
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
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802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

07/11/2019



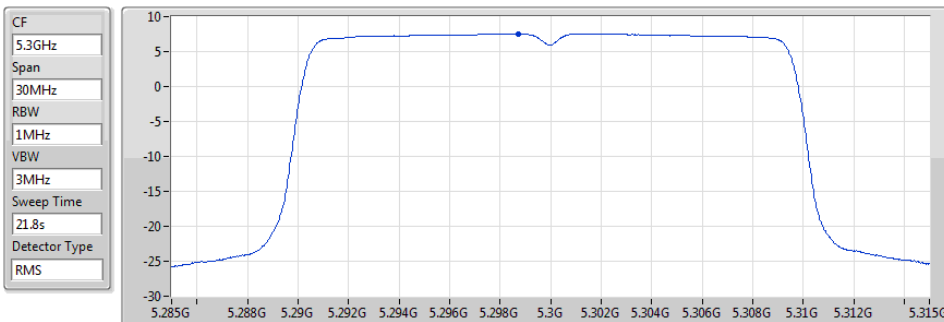
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.51	7.51	7.51

802.11ax HEW20_Nss1,(MCS0)_1TX

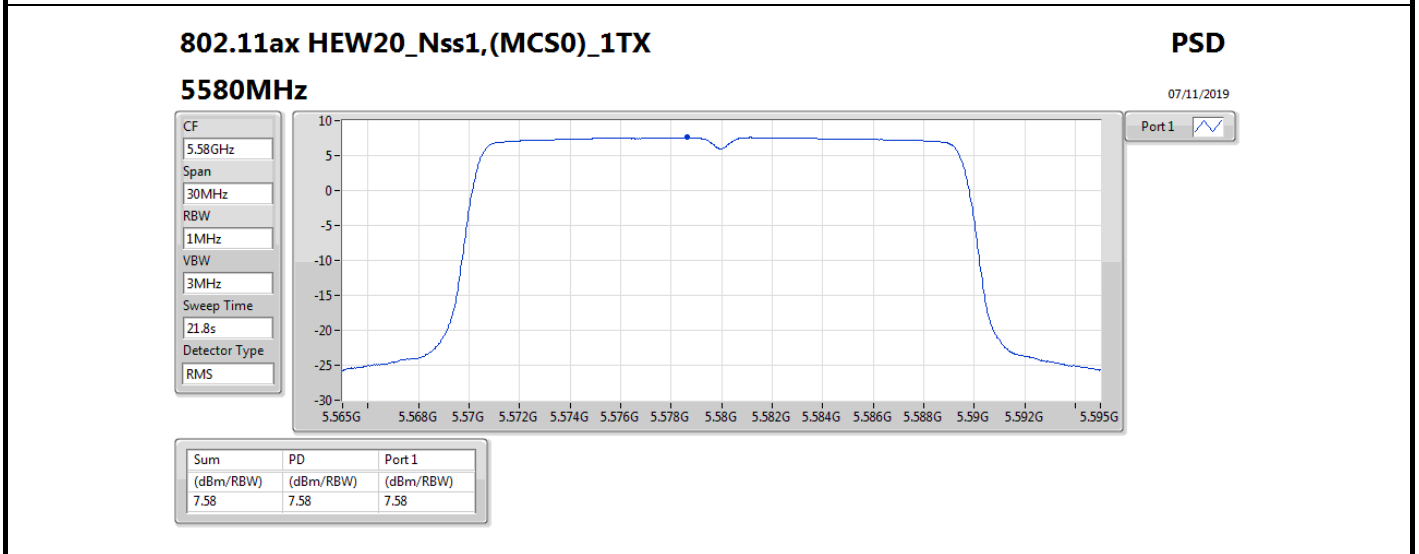
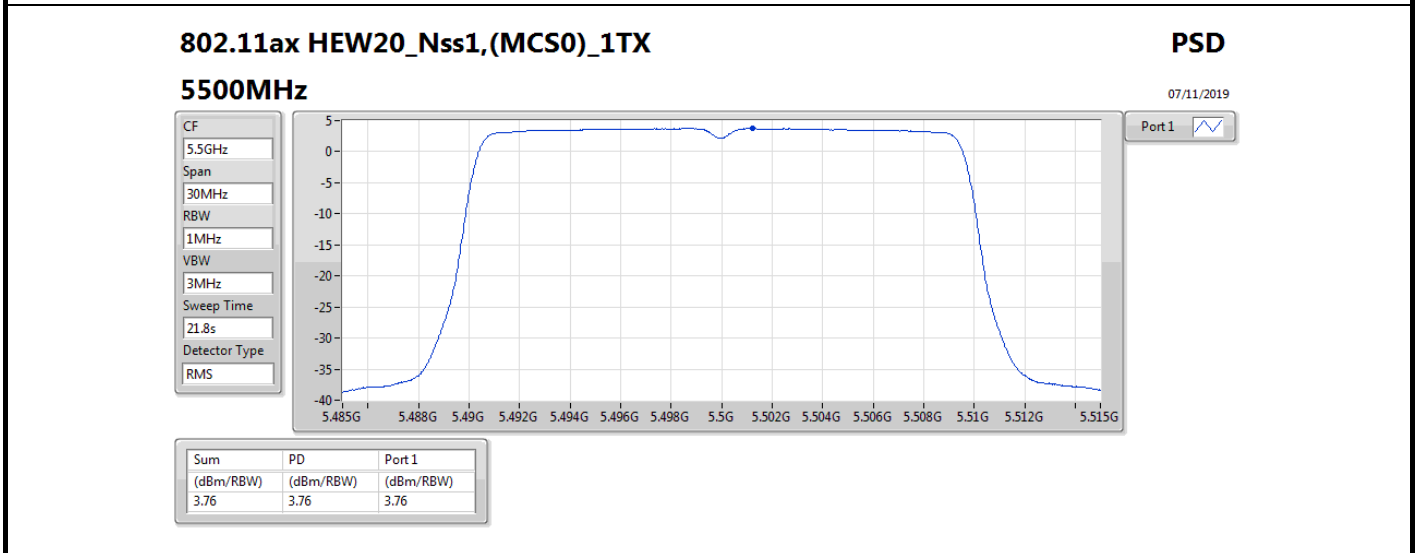
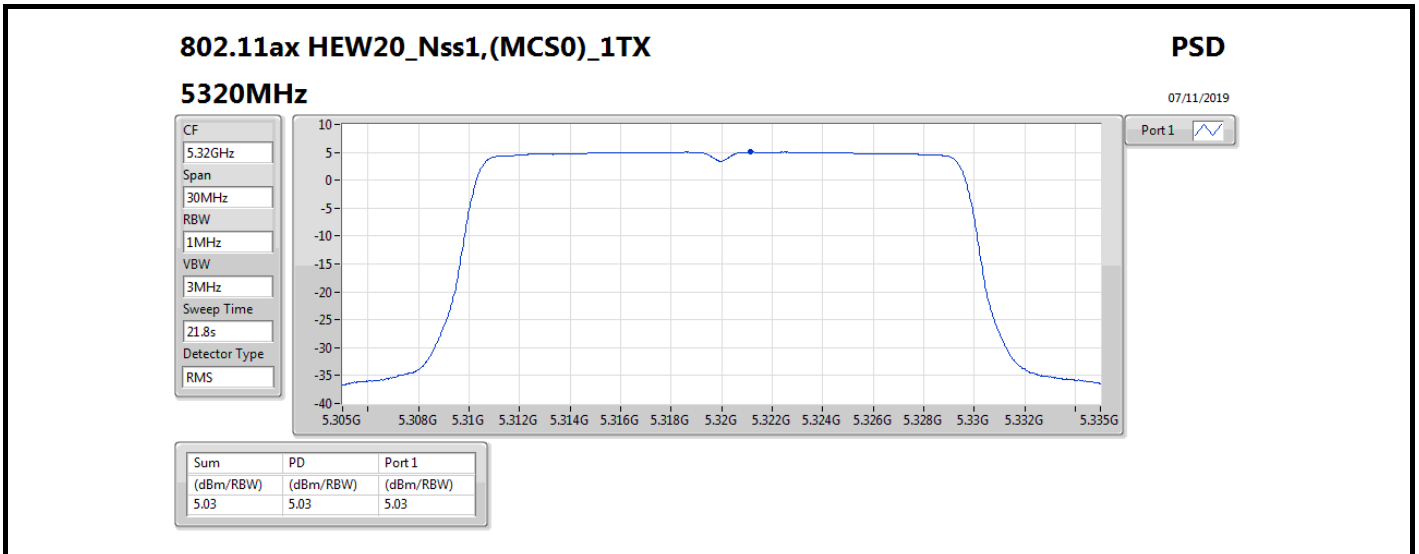
PSD

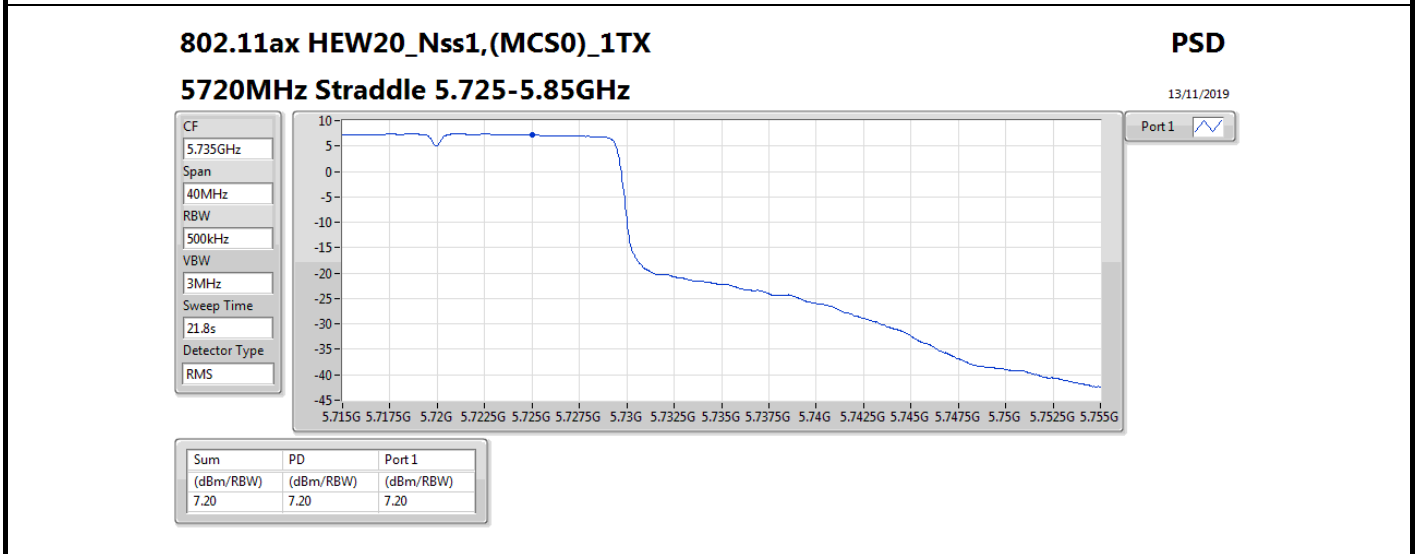
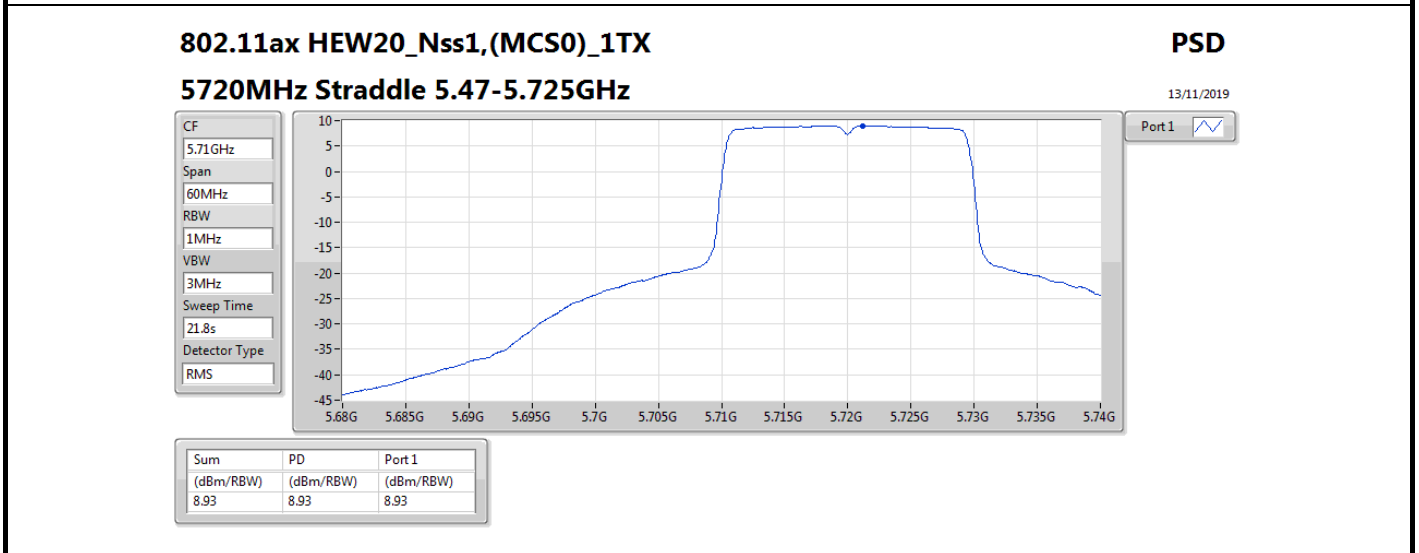
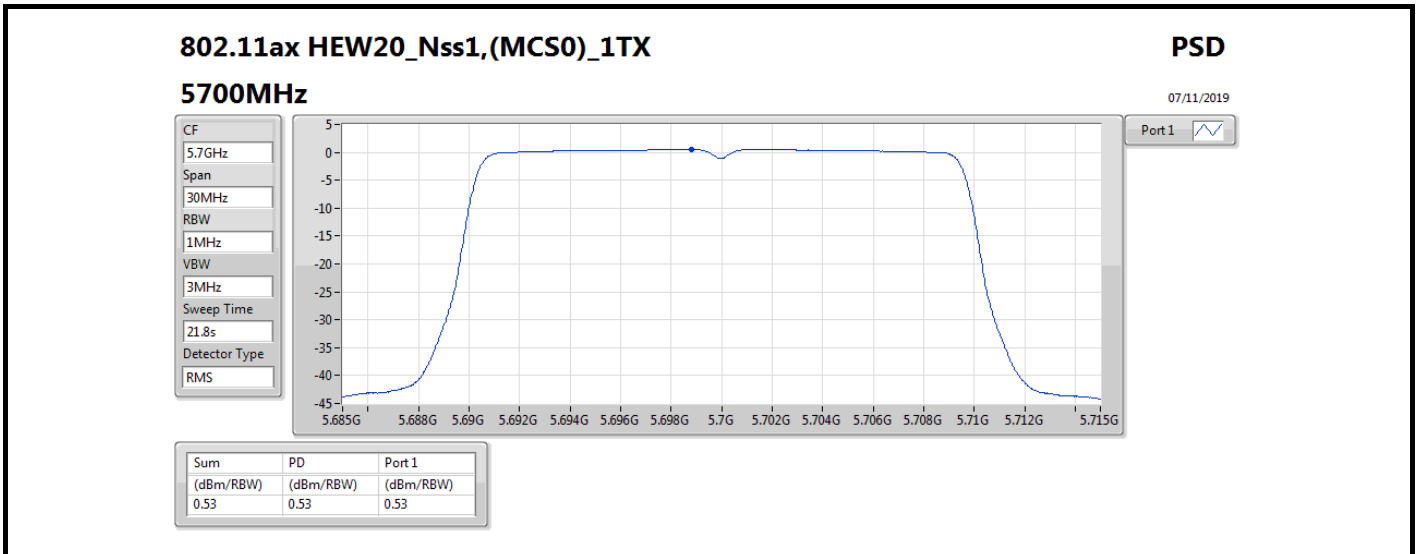
5300MHz

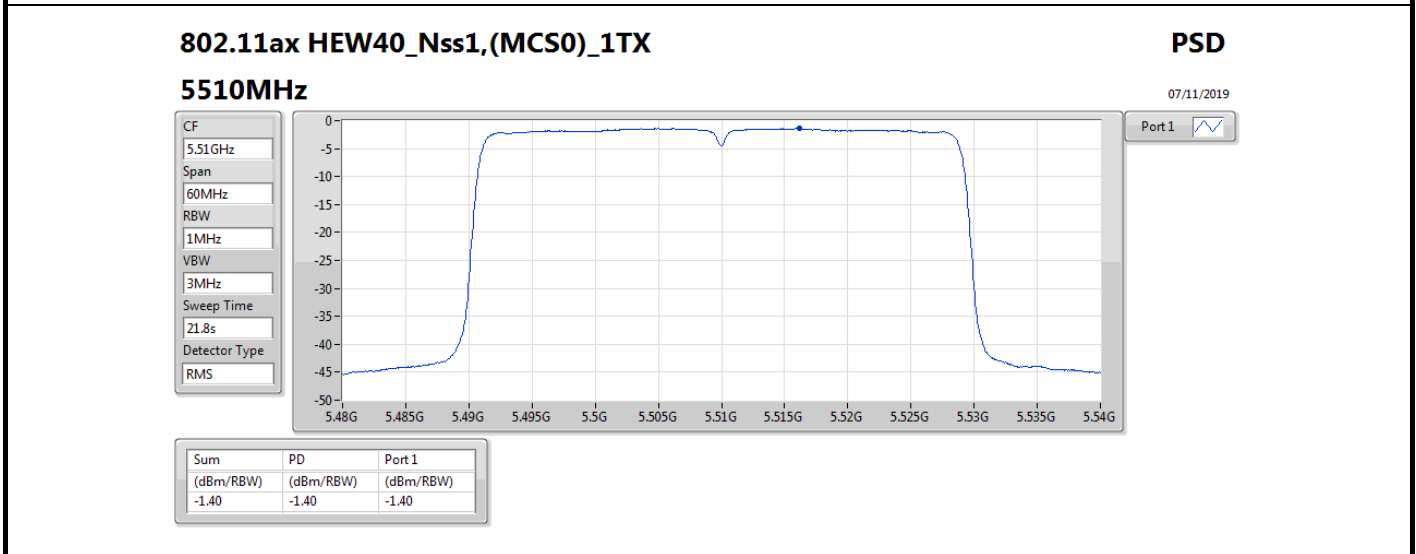
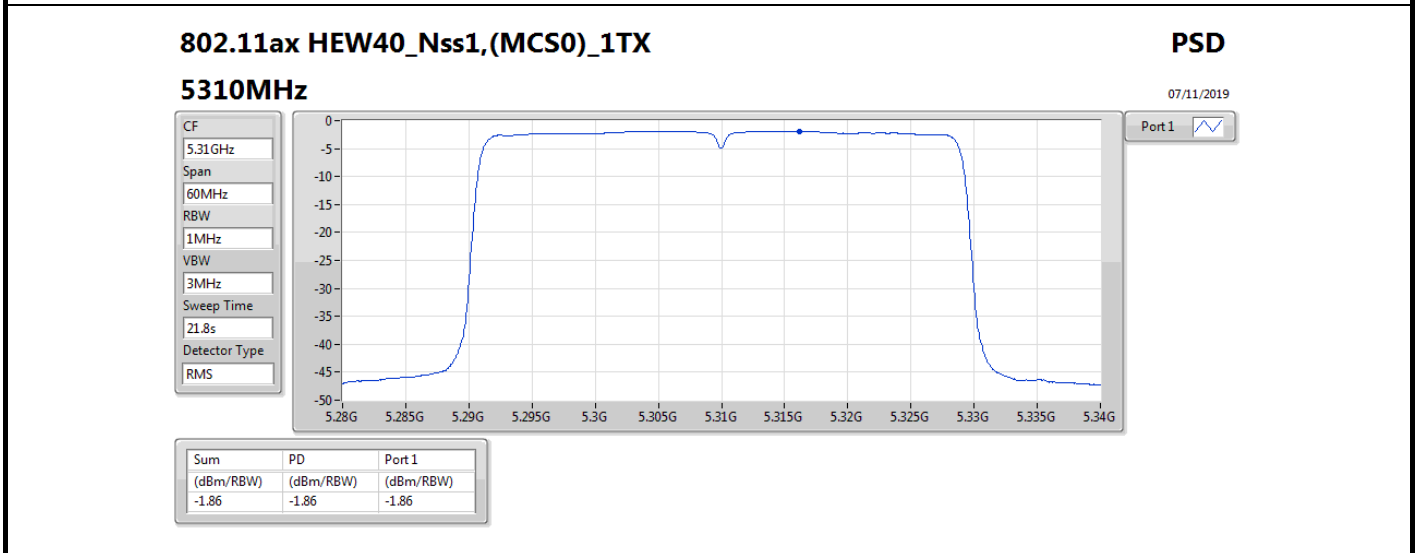
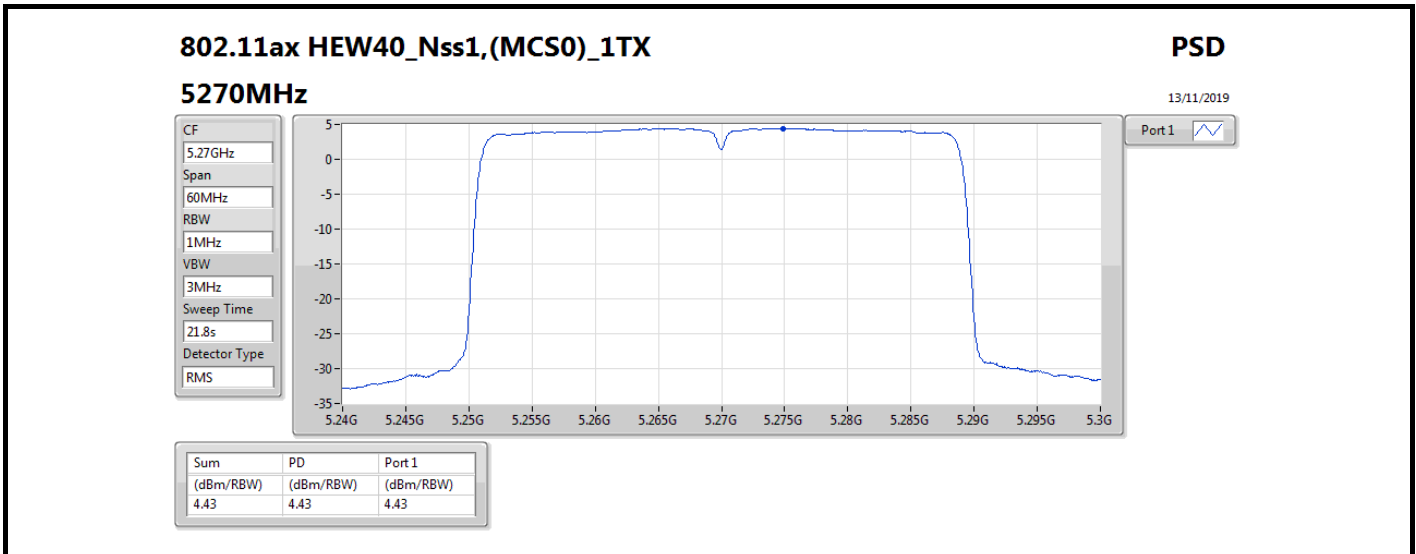
07/11/2019

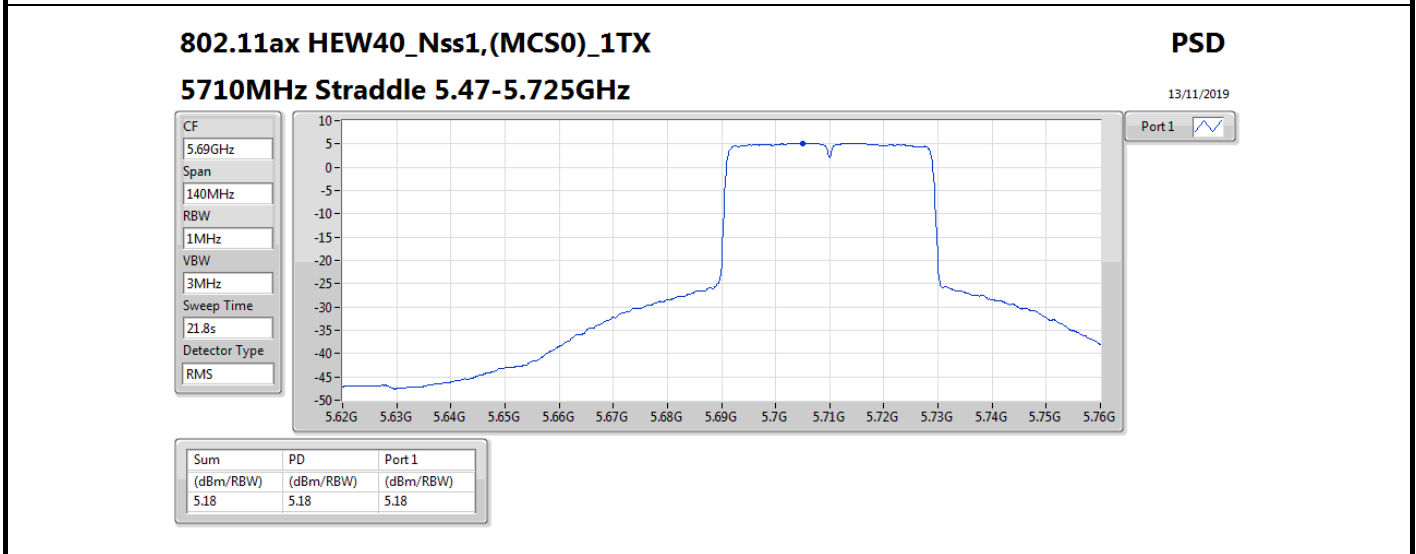
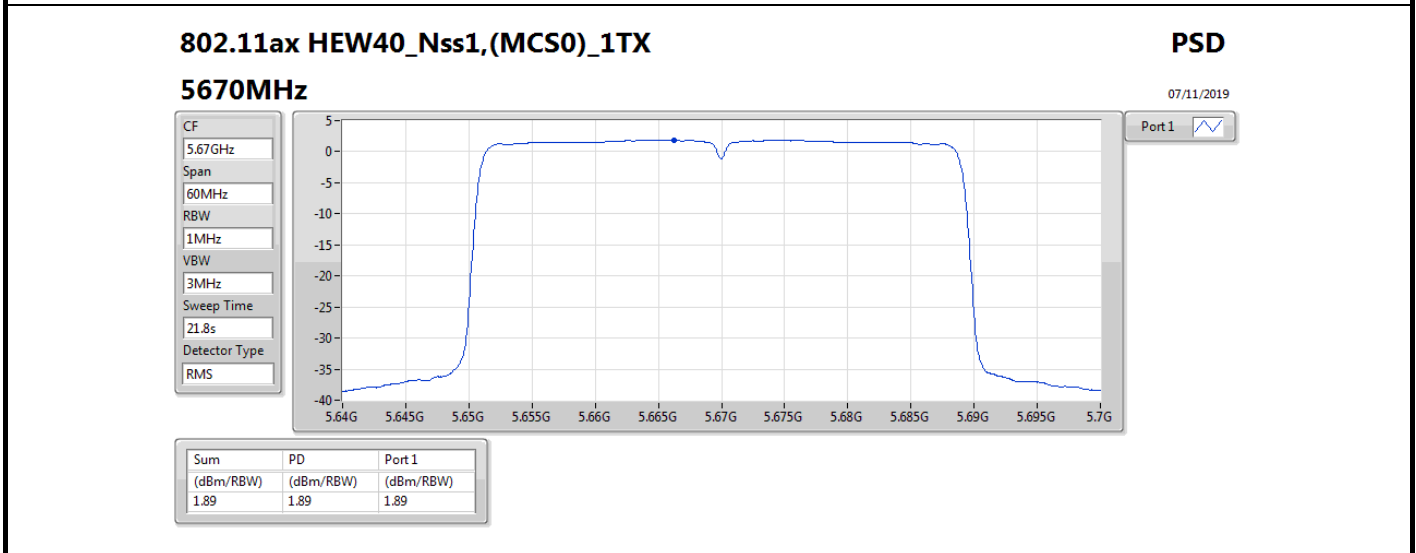
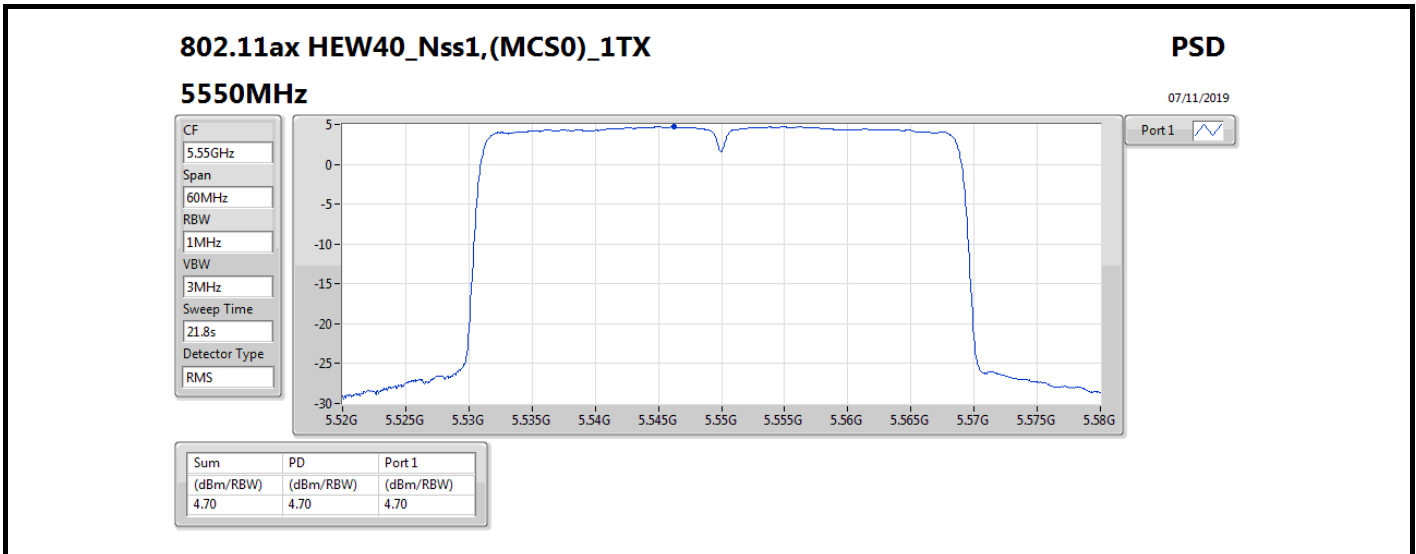


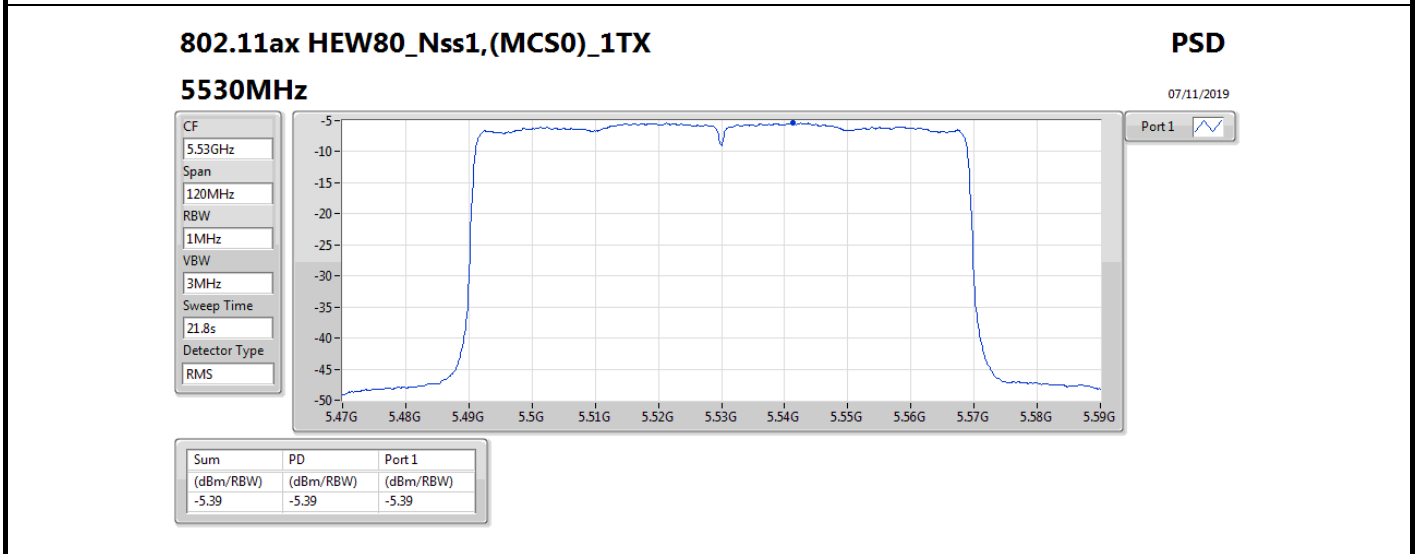
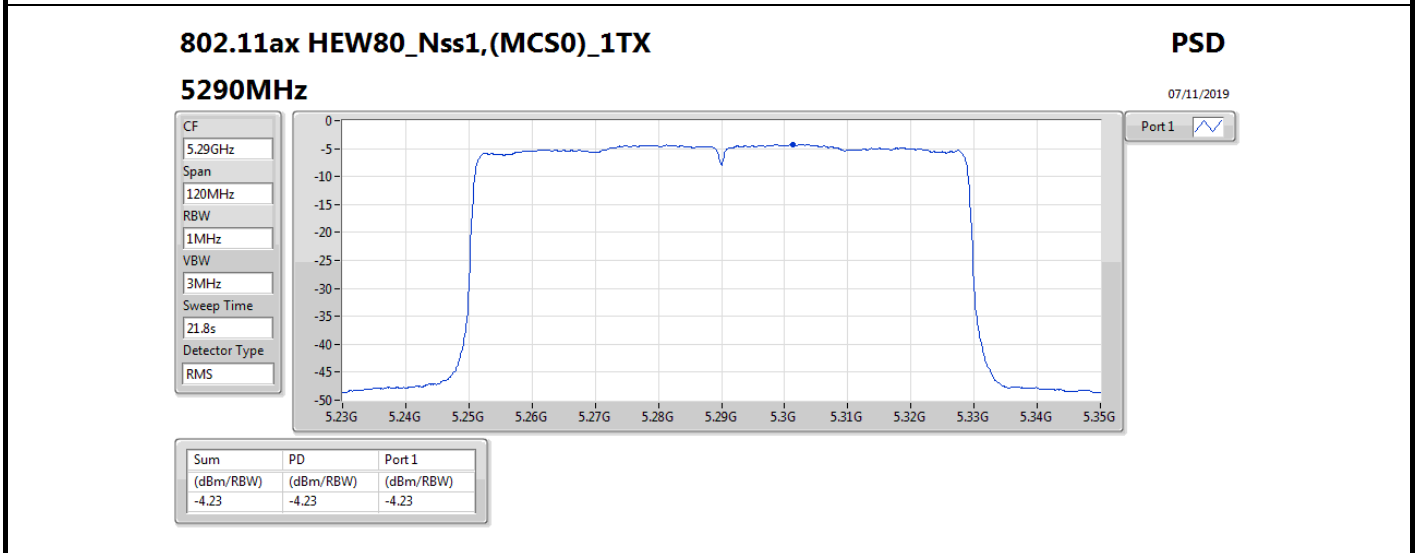
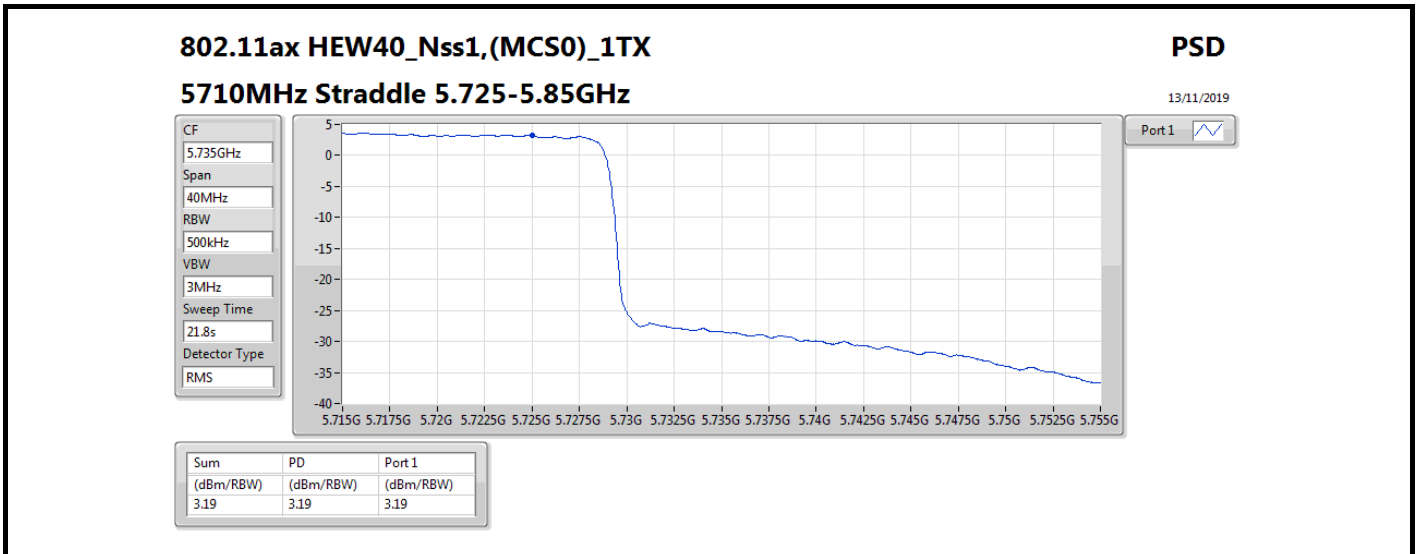
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.53	7.53	7.53

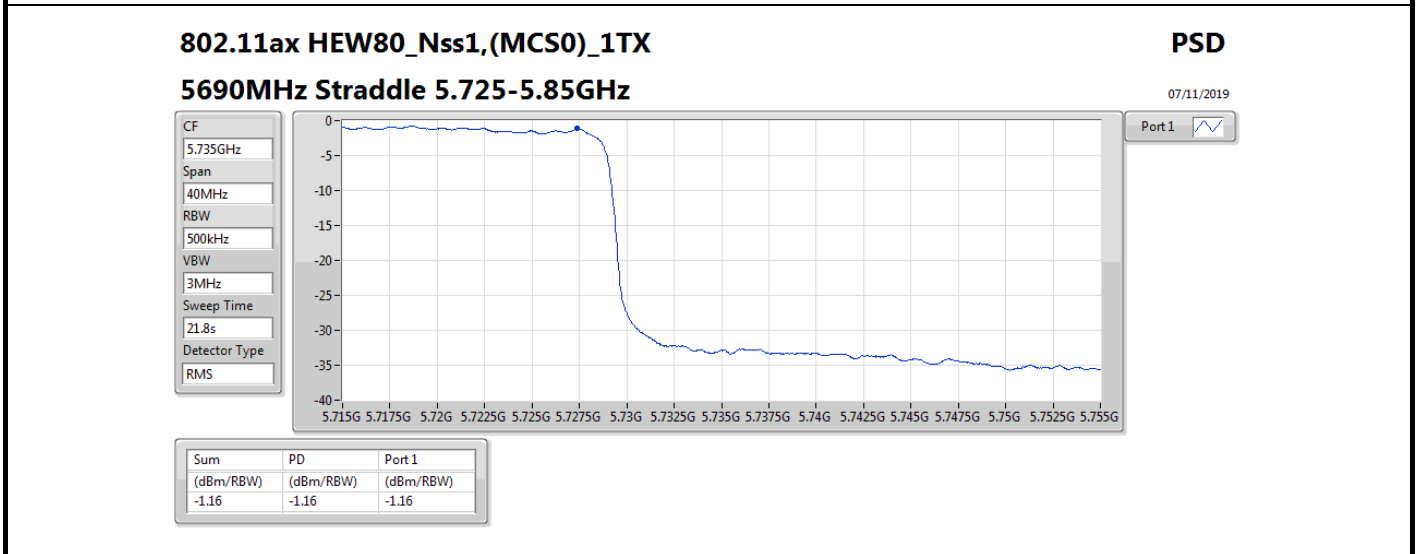
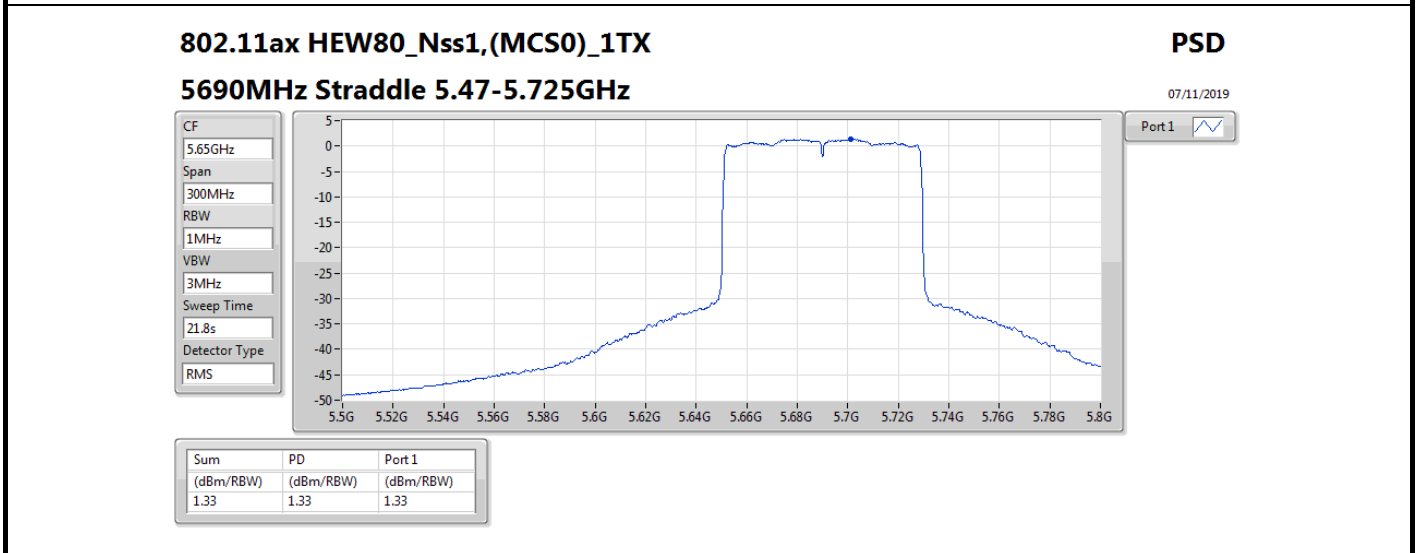
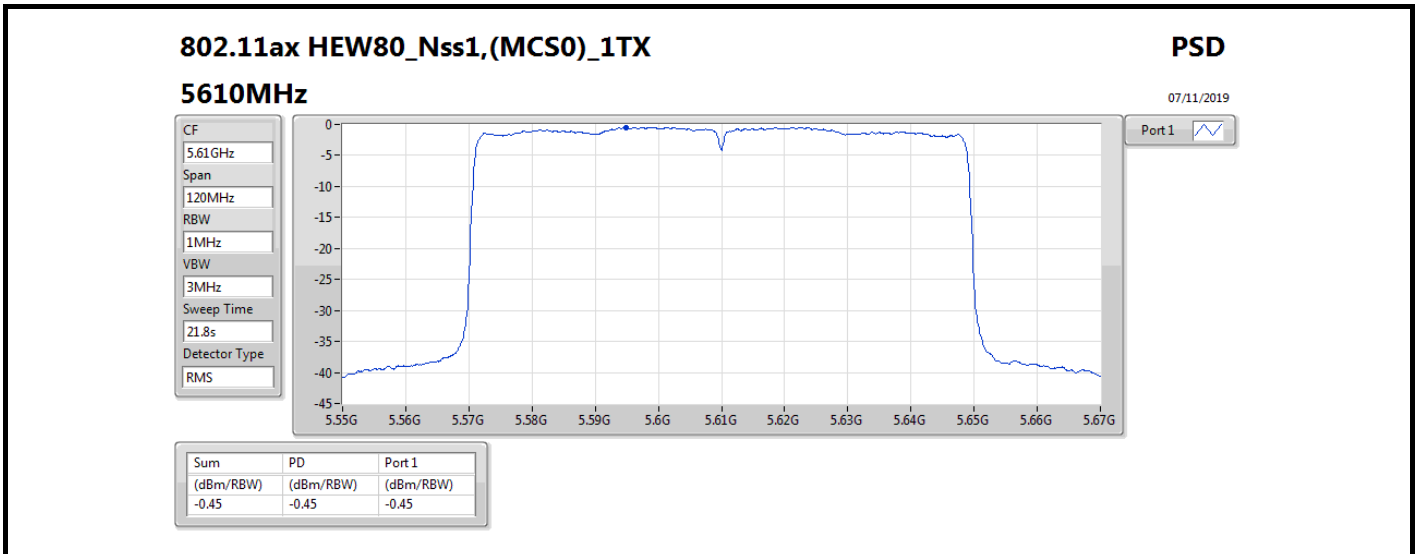














Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.97	16.98
802.11ac VHT20_Nss2,(MCS0)_2TX	7.50	15.50
802.11ac VHT40_Nss2,(MCS0)_2TX	4.60	12.60
802.11ac VHT80_Nss2,(MCS0)_2TX	-3.40	4.60
802.11ax HEW20_Nss2,(MCS0)_2TX	7.29	15.29
802.11ax HEW40_Nss2,(MCS0)_2TX	4.57	12.57
802.11ax HEW80_Nss2,(MCS0)_2TX	-3.40	4.60
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	5.81	16.82
802.11ac VHT20_Nss2,(MCS0)_2TX	8.31	16.31
802.11ac VHT40_Nss2,(MCS0)_2TX	5.50	13.50
802.11ac VHT80_Nss2,(MCS0)_2TX	2.13	10.13
802.11ax HEW20_Nss2,(MCS0)_2TX	8.29	16.29
802.11ax HEW40_Nss2,(MCS0)_2TX	5.39	13.39
802.11ax HEW80_Nss2,(MCS0)_2TX	2.26	10.26
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	4.45	15.46
802.11ac VHT20_Nss2,(MCS0)_2TX	7.19	15.19
802.11ac VHT40_Nss2,(MCS0)_2TX	3.85	11.85
802.11ac VHT80_Nss2,(MCS0)_2TX	0.22	8.22
802.11ax HEW20_Nss2,(MCS0)_2TX	7.12	15.12
802.11ax HEW40_Nss2,(MCS0)_2TX	3.94	11.94
802.11ax HEW80_Nss2,(MCS0)_2TX	0.23	8.23

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



Result

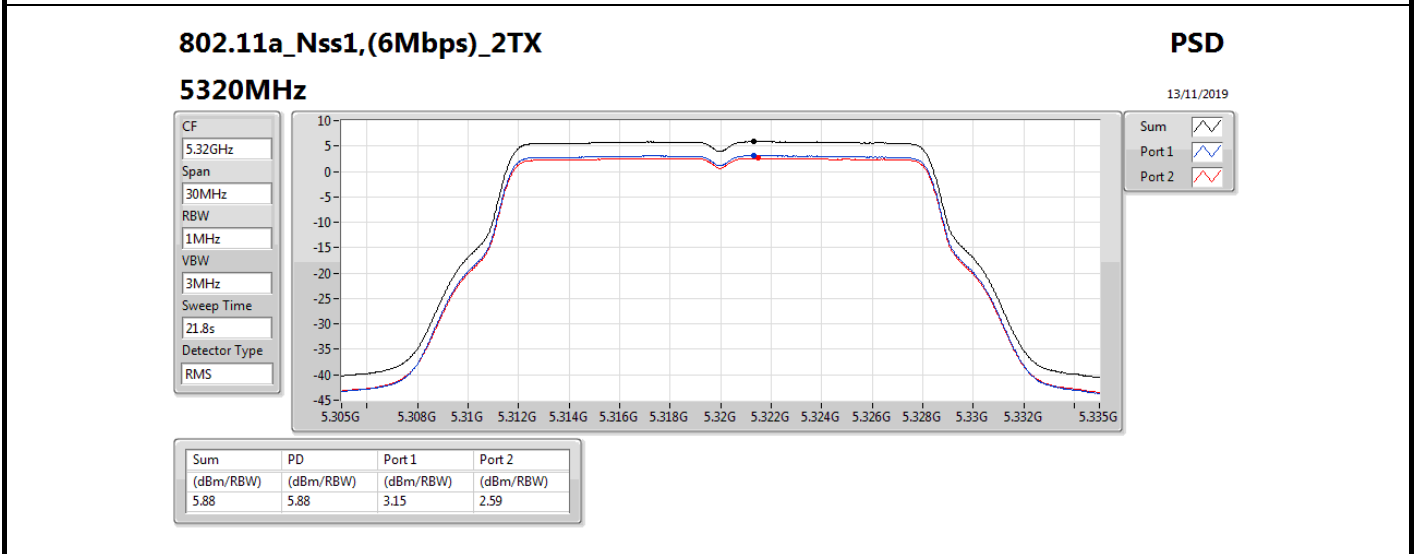
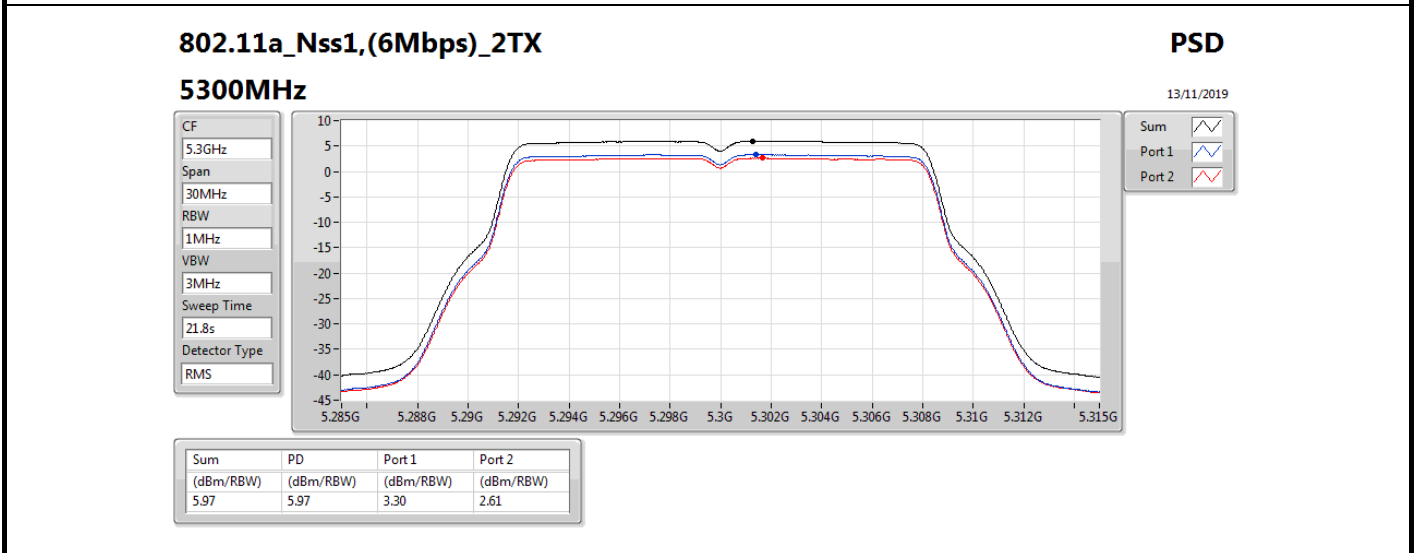
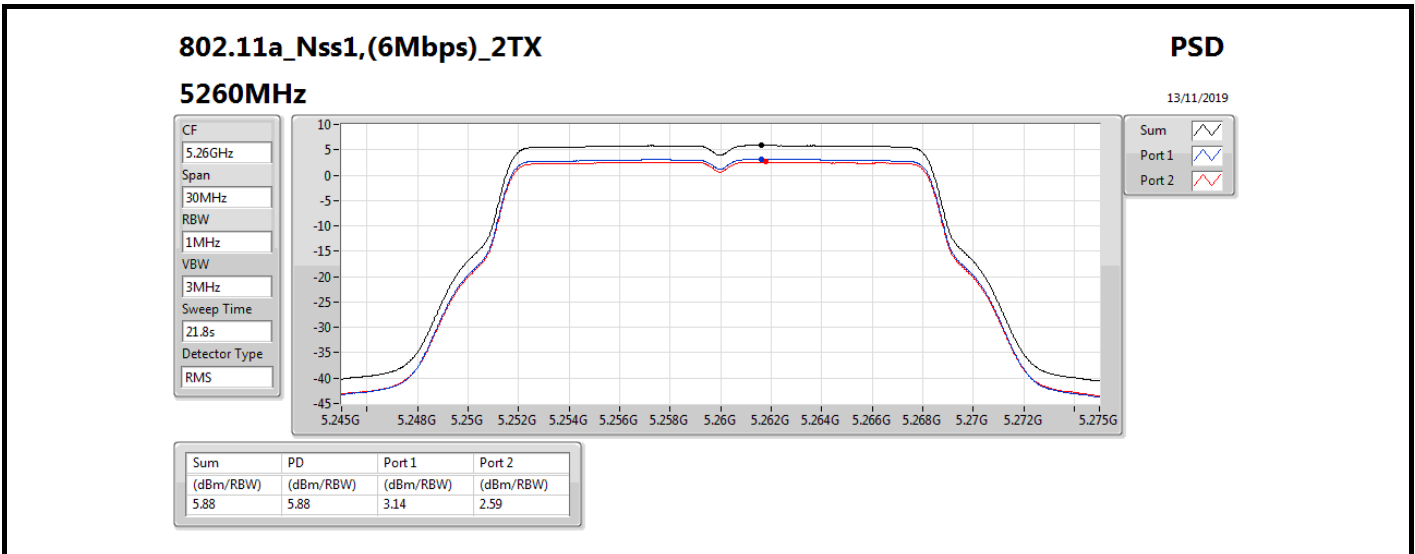
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	11.01	3.14	2.59	5.88	5.99	16.89	17.00
5300MHz_TnomVnom	Pass	11.01	3.30	2.61	5.97	5.99	16.98	17.00
5320MHz_TnomVnom	Pass	11.01	3.15	2.59	5.88	5.99	16.89	17.00
5500MHz_TnomVnom	Pass	11.01	3.07	2.52	5.80	5.99	16.81	17.00
5580MHz_TnomVnom	Pass	11.01	3.15	2.46	5.81	5.99	16.82	17.00
5700MHz_TnomVnom	Pass	11.01	3.05	2.47	5.78	5.99	16.79	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	11.01	2.99	2.34	5.68	5.99	16.69	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	11.01	1.73	1.15	4.45	24.99	15.46	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	8.00	4.83	4.19	7.50	9.00	15.50	17.00
5300MHz_TnomVnom	Pass	8.00	4.78	4.07	7.40	9.00	15.40	17.00
5320MHz_TnomVnom	Pass	8.00	3.14	2.38	5.73	9.00	13.73	17.00
5500MHz_TnomVnom	Pass	8.00	4.73	3.73	7.21	9.00	15.21	17.00
5580MHz_TnomVnom	Pass	8.00	5.10	4.24	7.64	9.00	15.64	17.00
5700MHz_TnomVnom	Pass	8.00	1.75	1.49	4.58	9.00	12.58	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.00	5.70	4.94	8.31	9.00	16.31	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.00	4.45	3.89	7.19	28.00	15.19	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	8.00	1.93	1.34	4.60	9.00	12.60	17.00
5310MHz_TnomVnom	Pass	8.00	-0.18	-0.97	2.37	9.00	10.37	17.00
5510MHz_TnomVnom	Pass	8.00	-2.43	-2.96	0.25	9.00	8.25	17.00
5550MHz_TnomVnom	Pass	8.00	2.23	1.35	4.77	9.00	12.77	17.00
5670MHz_TnomVnom	Pass	8.00	0.10	-0.50	2.78	9.00	10.78	17.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.00	2.89	2.15	5.50	9.00	13.50	17.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.00	1.28	0.35	3.85	28.00	11.85	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	8.00	-6.69	-5.97	-3.40	9.00	4.60	17.00
5530MHz_TnomVnom	Pass	8.00	-6.50	-6.83	-3.75	9.00	4.25	17.00
5610MHz_TnomVnom	Pass	8.00	-1.00	-1.59	1.69	9.00	9.69	17.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.00	-0.57	-1.14	2.13	9.00	10.13	17.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.00	-2.62	-2.96	0.22	28.00	8.22	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz_TnomVnom	Pass	8.00	4.60	3.95	7.29	9.00	15.29	17.00
5300MHz_TnomVnom	Pass	8.00	4.54	3.87	7.21	9.00	15.21	17.00
5320MHz_TnomVnom	Pass	8.00	2.91	2.25	5.59	9.00	13.59	17.00
5500MHz_TnomVnom	Pass	8.00	4.59	3.58	7.11	9.00	15.11	17.00
5580MHz_TnomVnom	Pass	8.00	4.87	4.12	7.50	9.00	15.50	17.00
5700MHz_TnomVnom	Pass	8.00	1.59	1.33	4.46	9.00	12.46	17.00
5720MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.00	5.62	4.95	8.29	9.00	16.29	17.00
5720MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.00	4.43	3.76	7.12	28.00	15.12	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz_TnomVnom	Pass	8.00	1.79	1.37	4.57	9.00	12.57	17.00
5310MHz_TnomVnom	Pass	8.00	-0.36	-0.89	2.35	9.00	10.35	17.00

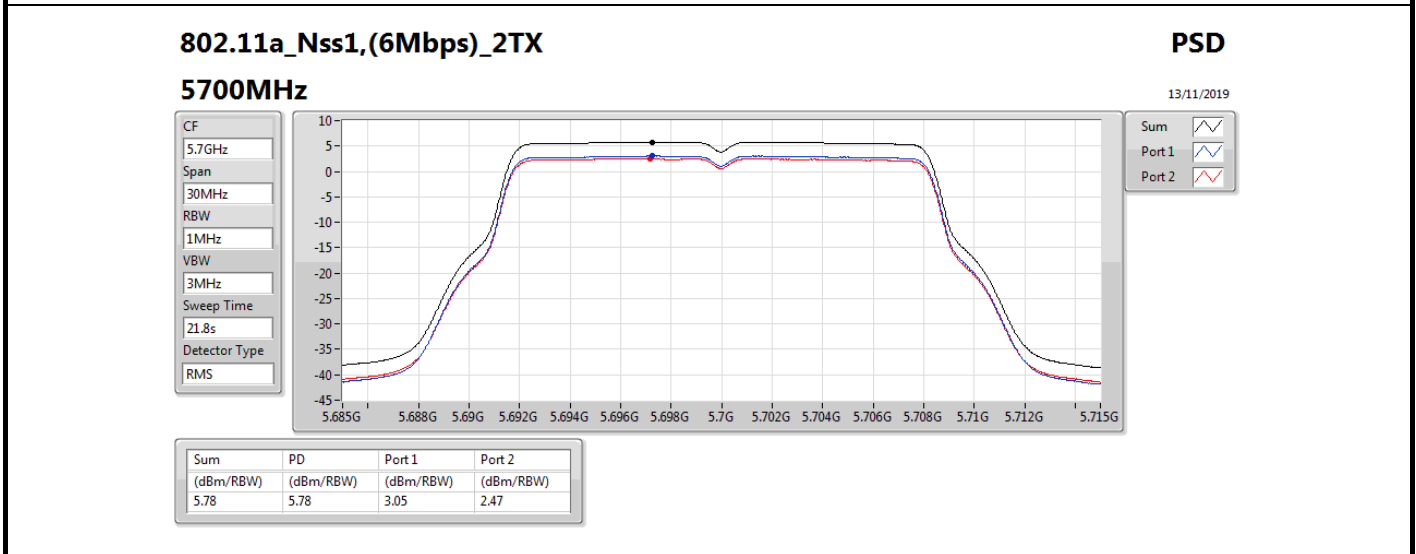
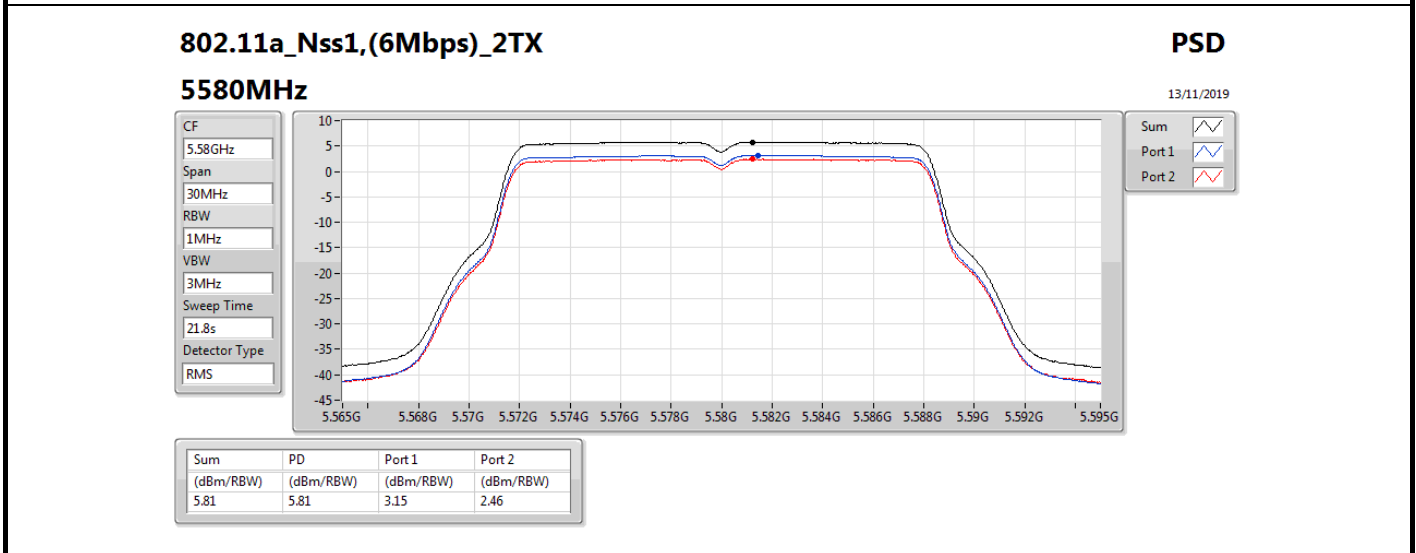
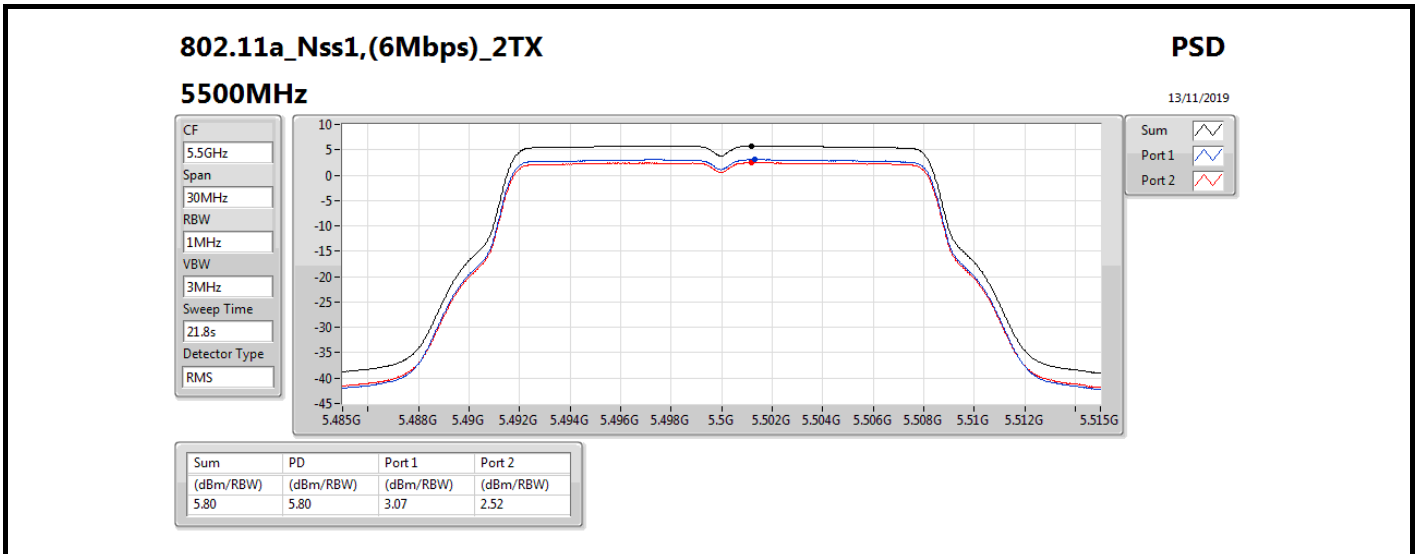


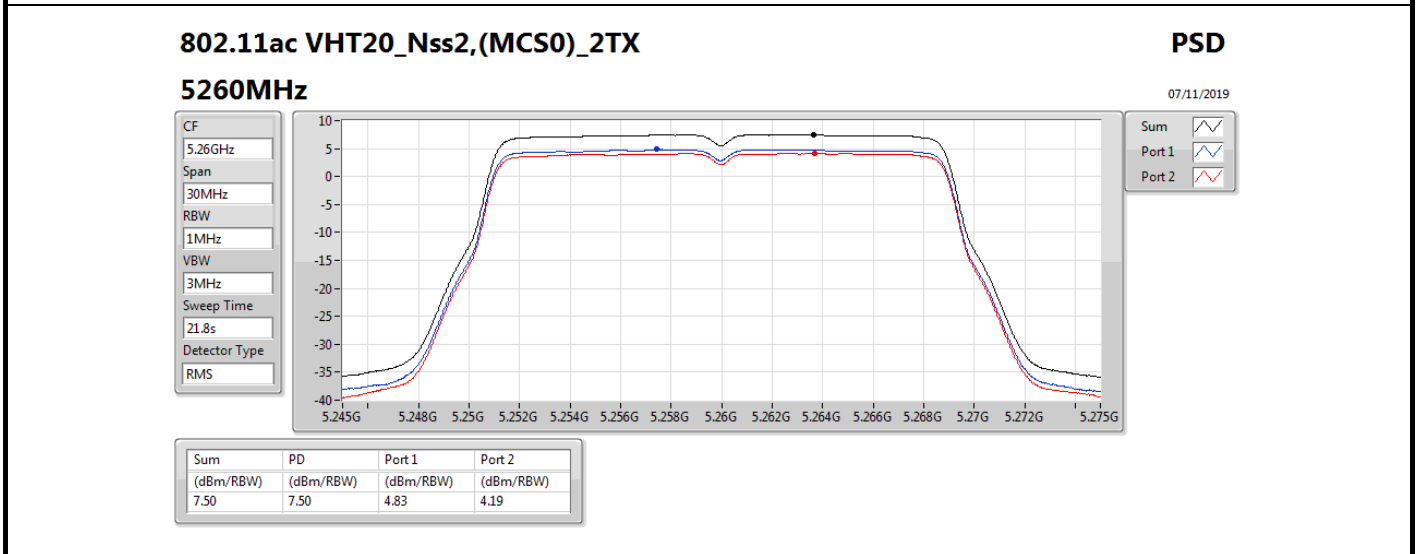
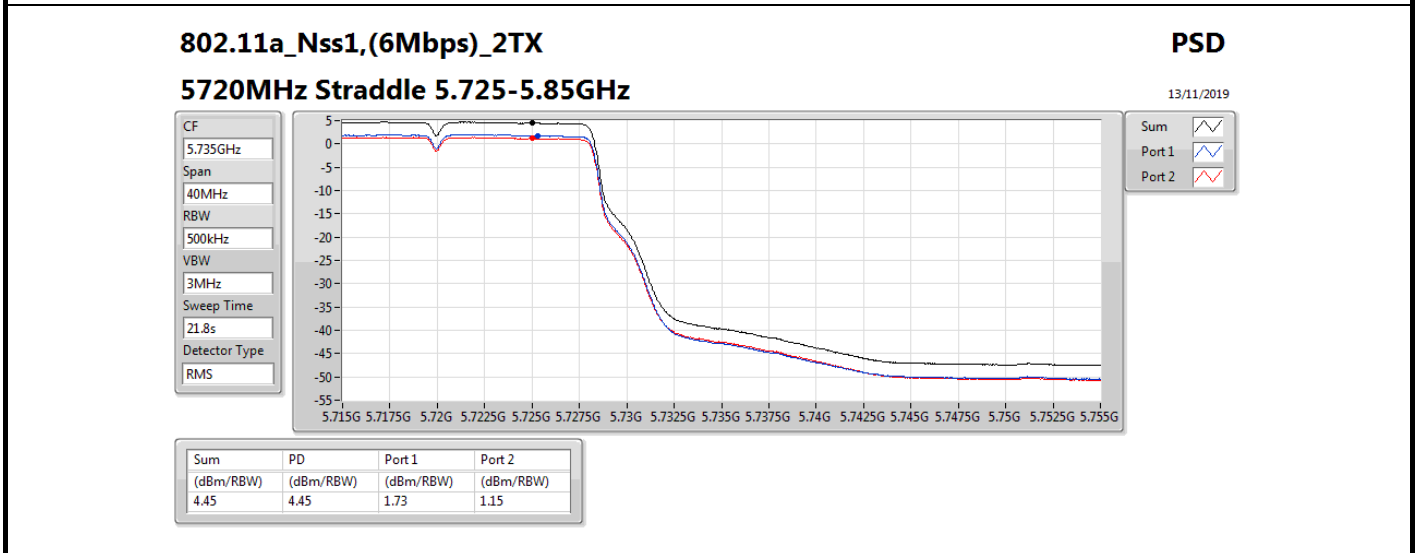
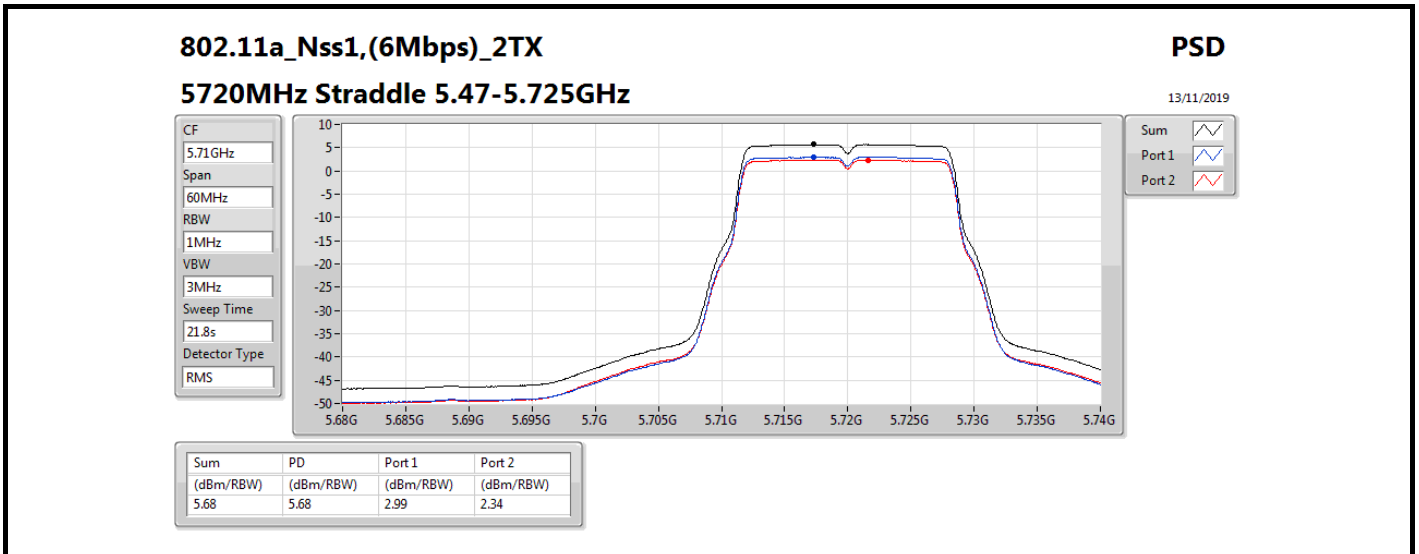
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5510MHz_TnomVnom	Pass	8.00	-2.62	-3.00	0.17	9.00	8.17	17.00
5550MHz_TnomVnom	Pass	8.00	1.96	1.30	4.62	9.00	12.62	17.00
5670MHz_TnomVnom	Pass	8.00	-0.04	-0.55	2.68	9.00	10.68	17.00
5710MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.00	2.74	2.10	5.39	9.00	13.39	17.00
5710MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.00	1.36	0.46	3.94	28.00	11.94	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz_TnomVnom	Pass	8.00	-6.61	-6.16	-3.40	9.00	4.60	17.00
5530MHz_TnomVnom	Pass	8.00	-6.45	-6.86	-3.68	9.00	4.32	17.00
5610MHz_TnomVnom	Pass	8.00	-0.94	-1.78	1.63	9.00	9.63	17.00
5690MHz Straddle 5.47-5.725GHz_TnomVnom	Pass	8.00	-0.34	-1.21	2.26	9.00	10.26	17.00
5690MHz Straddle 5.725-5.85GHz_TnomVnom	Pass	8.00	-2.31	-3.30	0.23	28.00	8.23	36.00

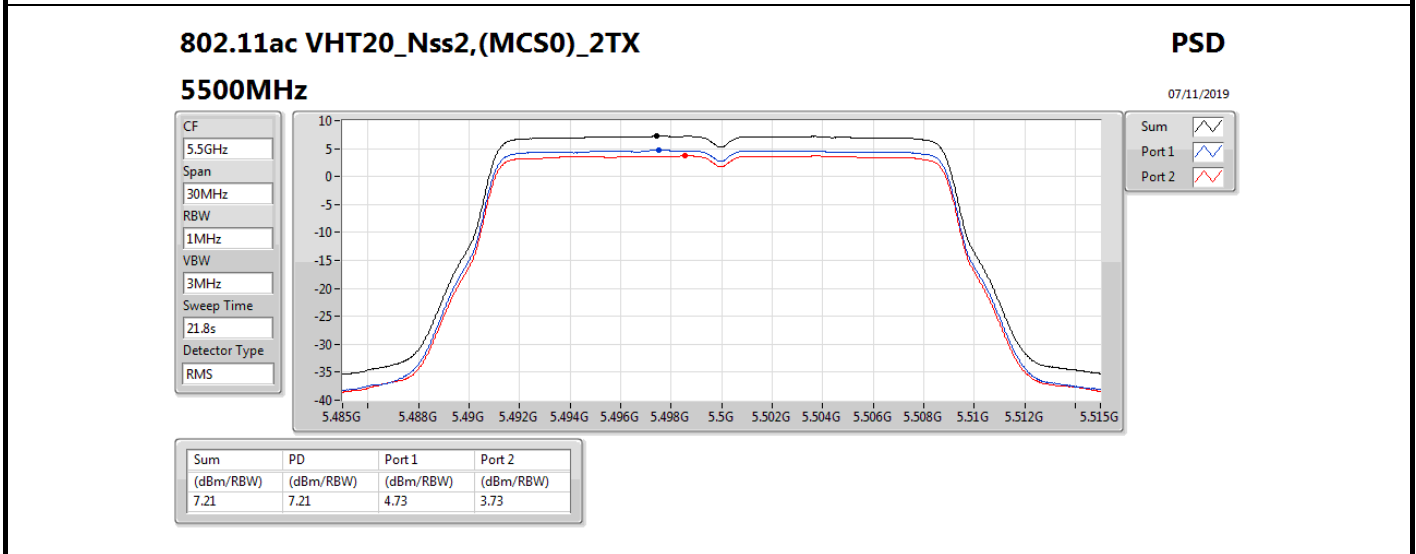
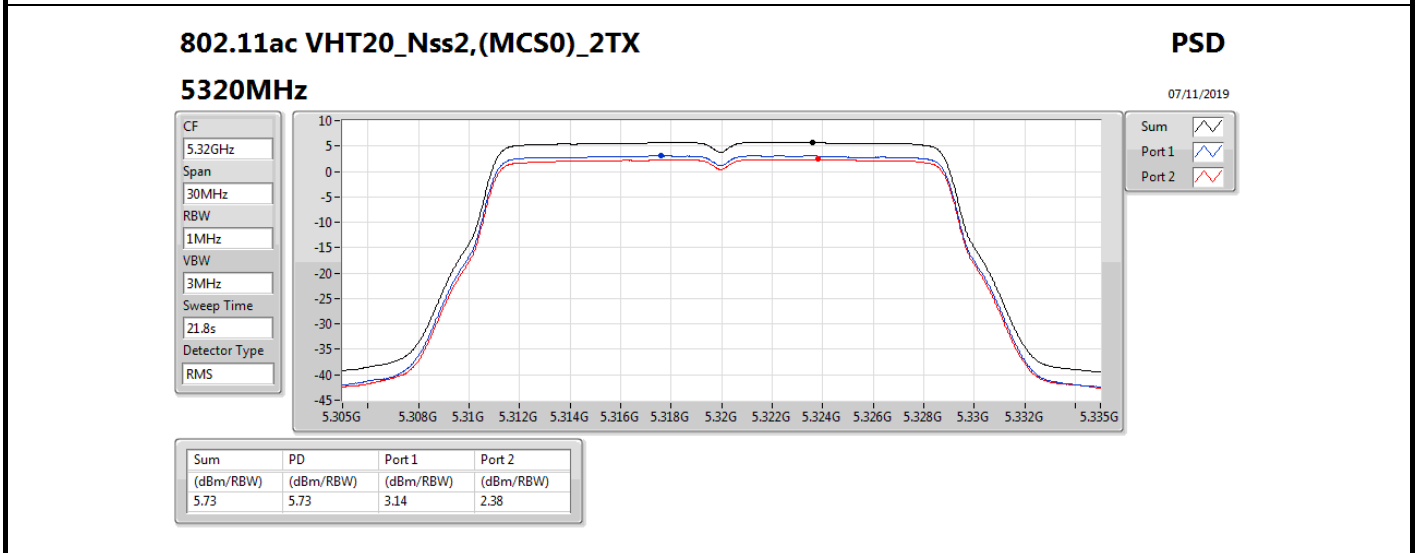
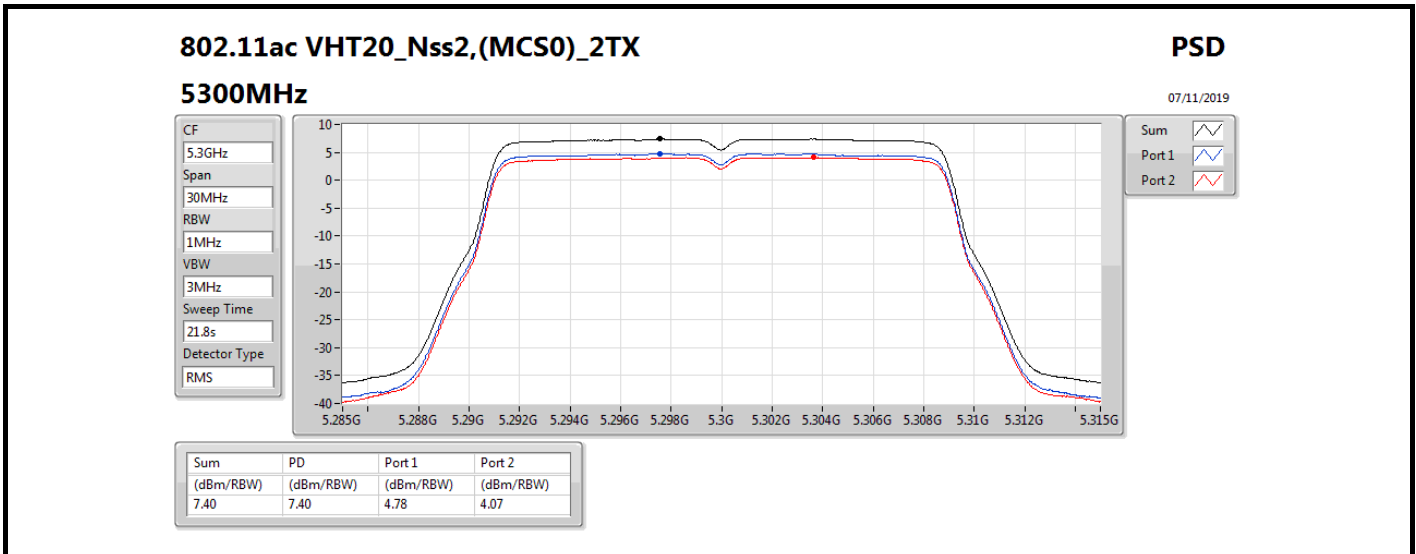
DG = Directional Gain; **RBW** = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

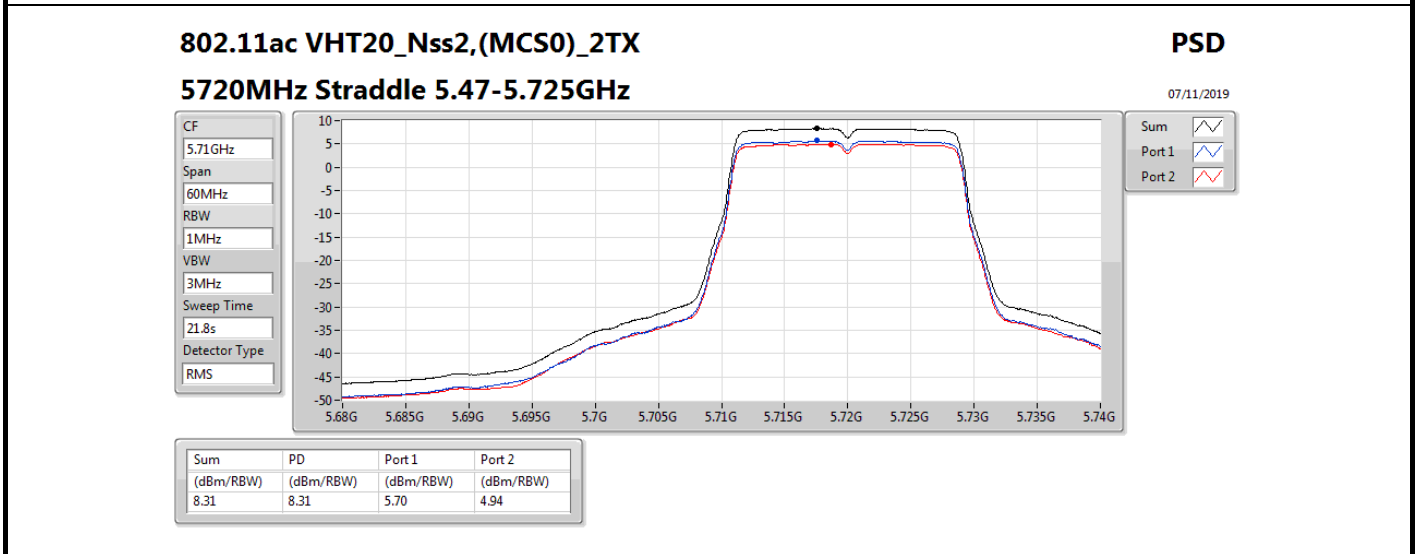
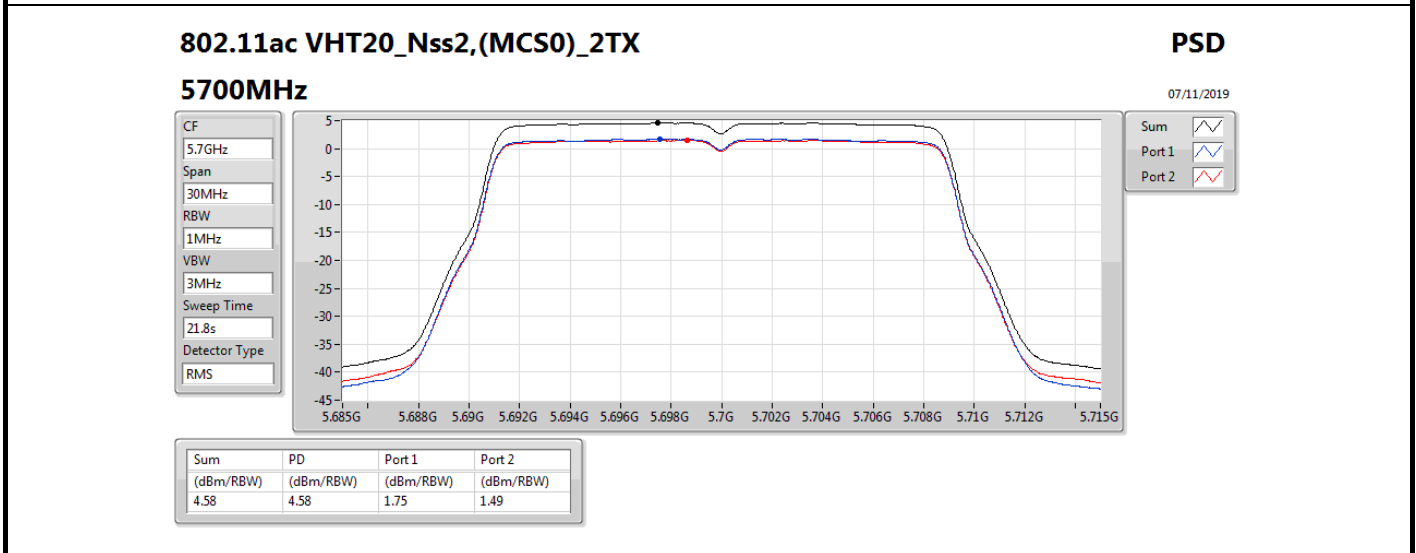
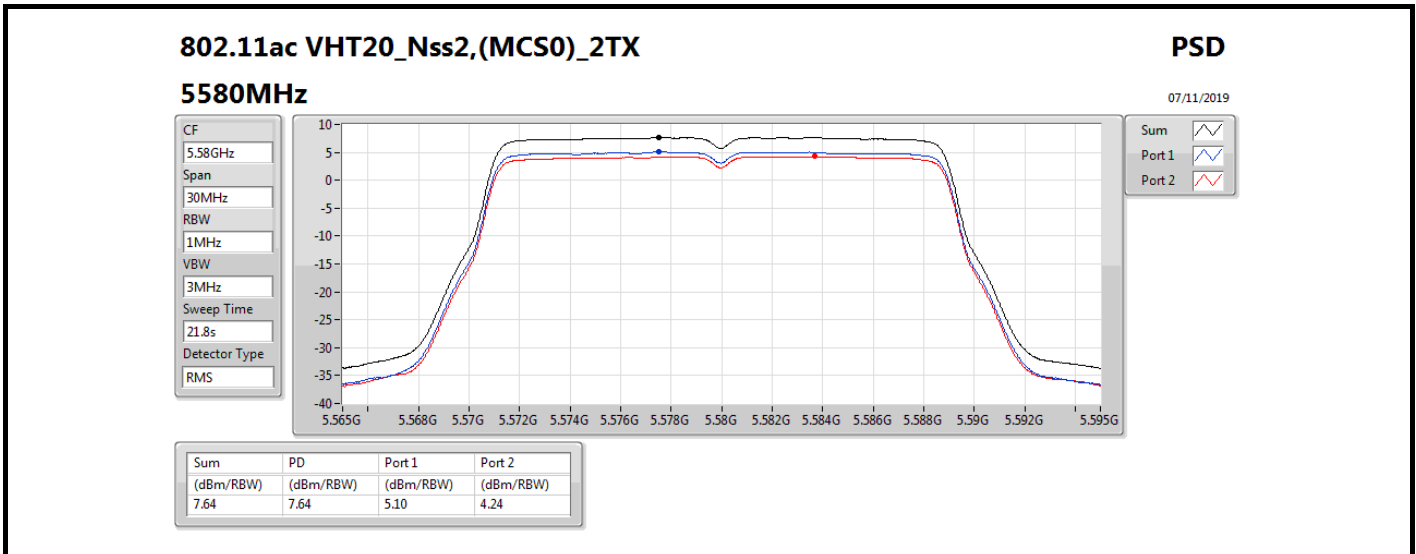
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; **Port X** = Port X power density;

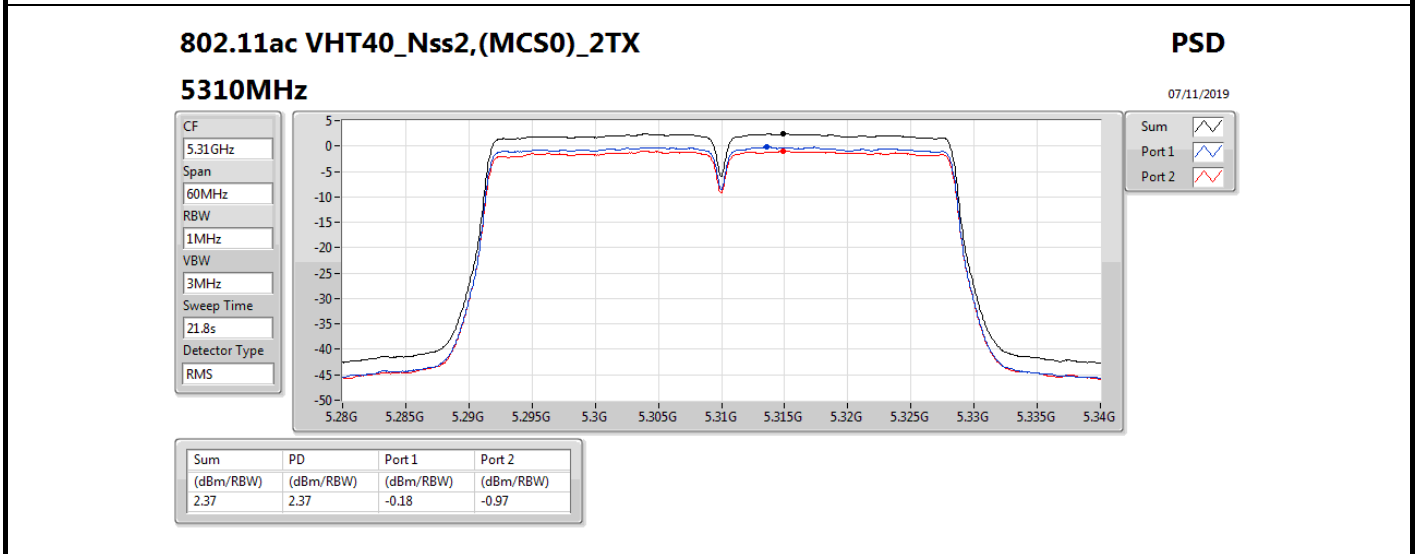
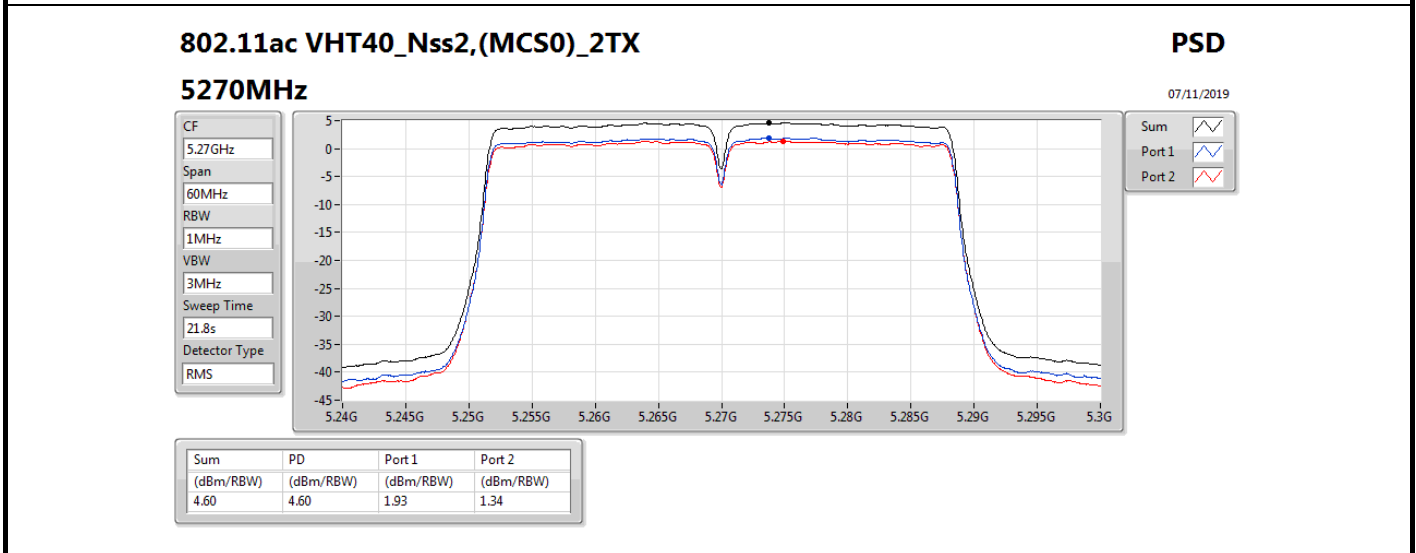
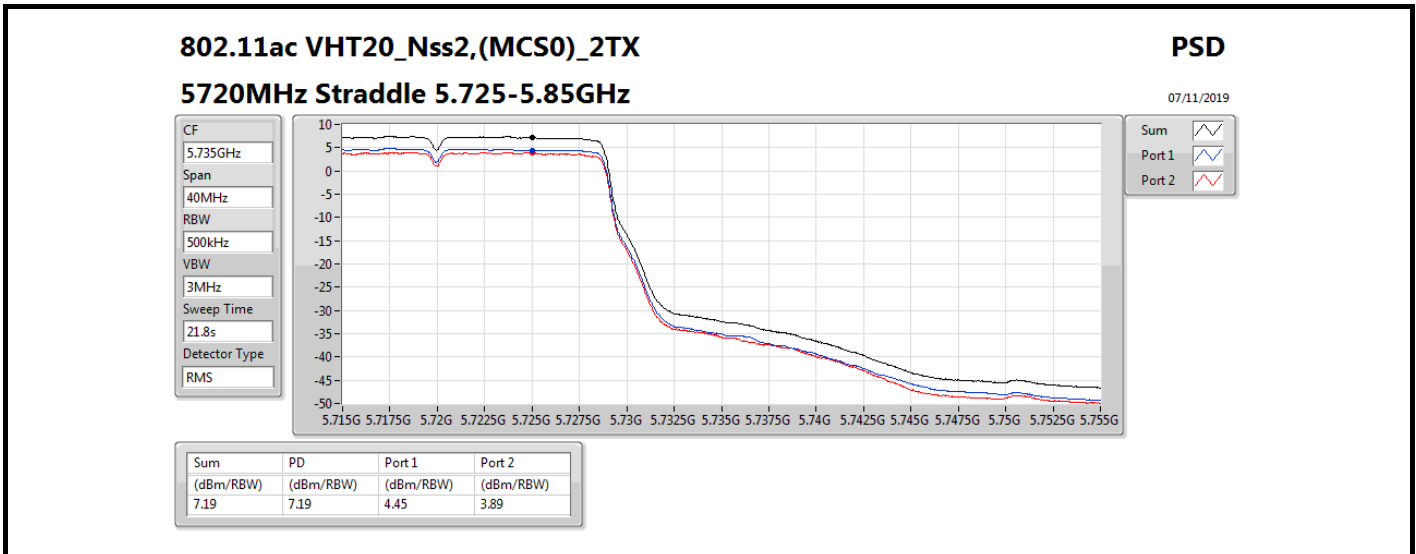


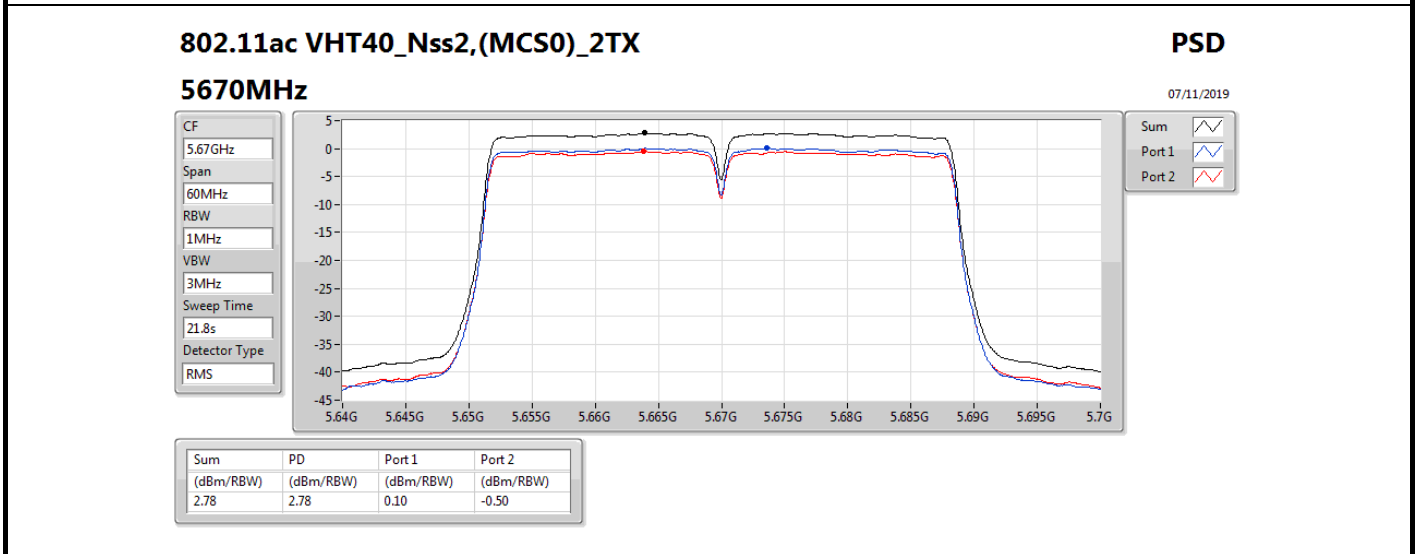
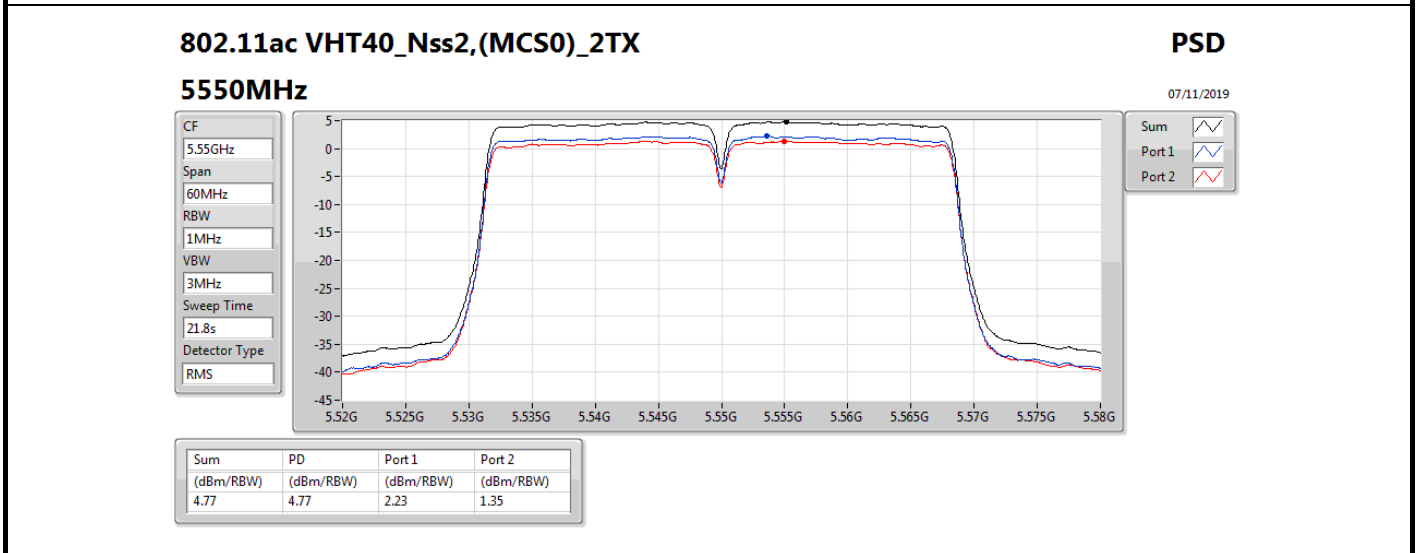
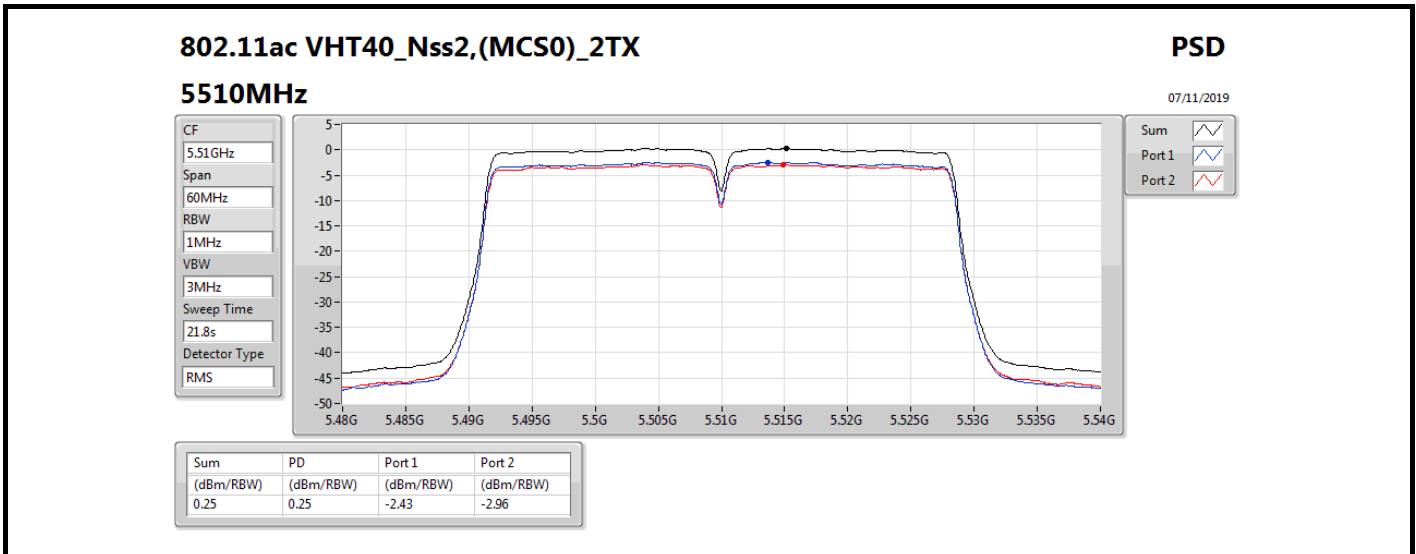


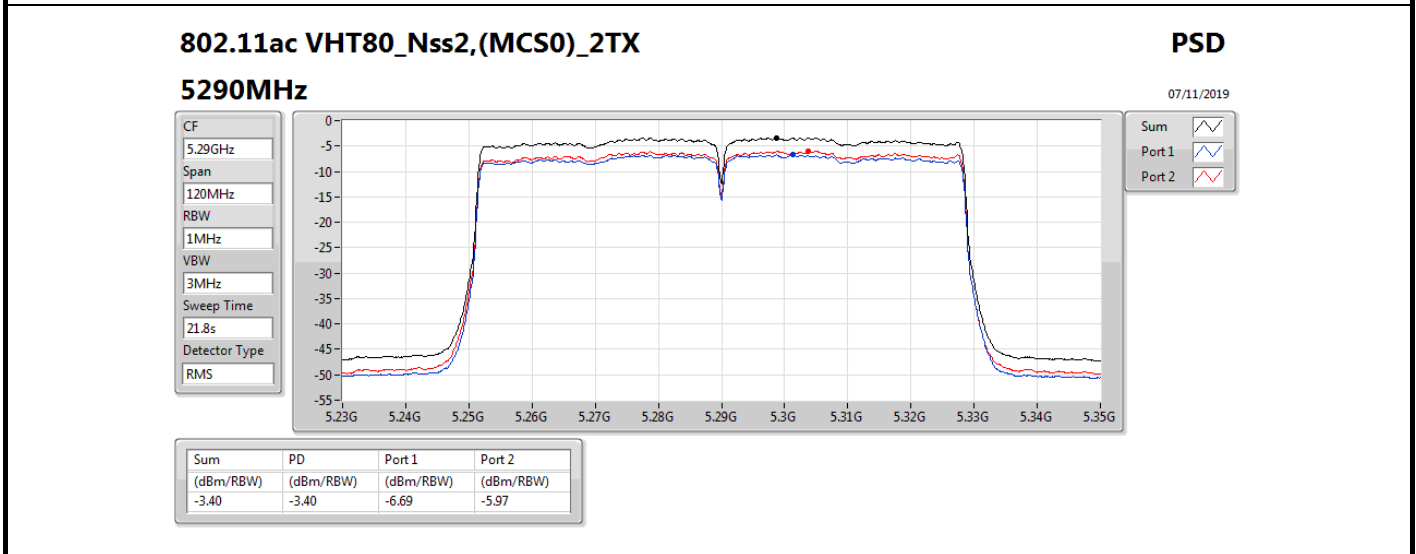
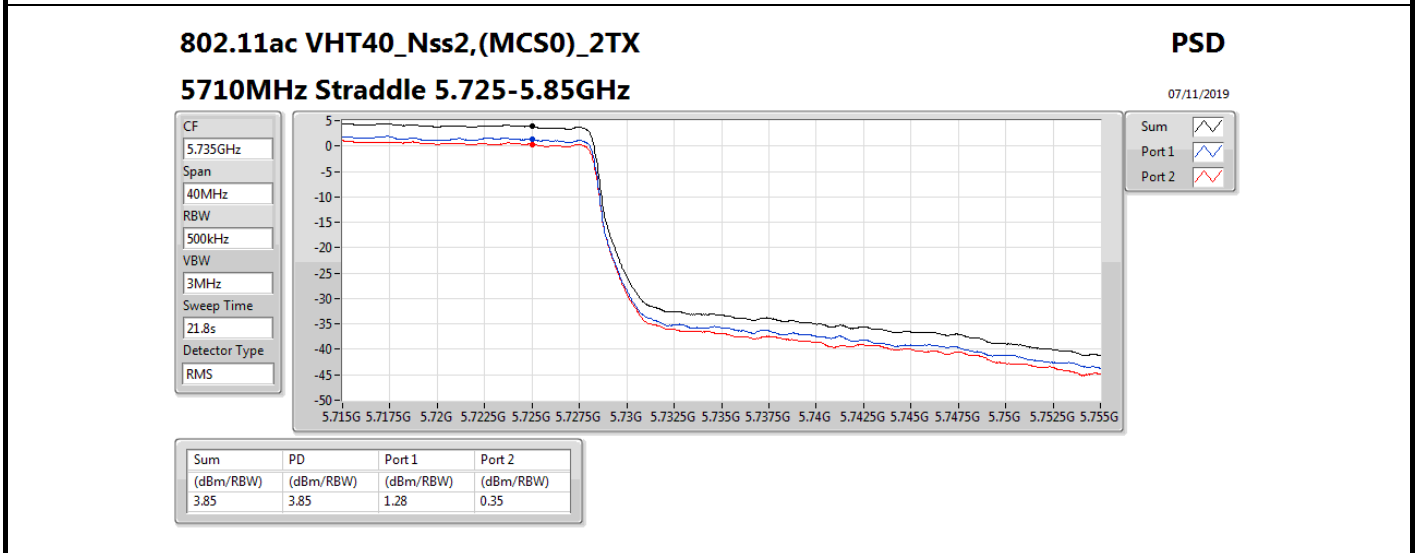
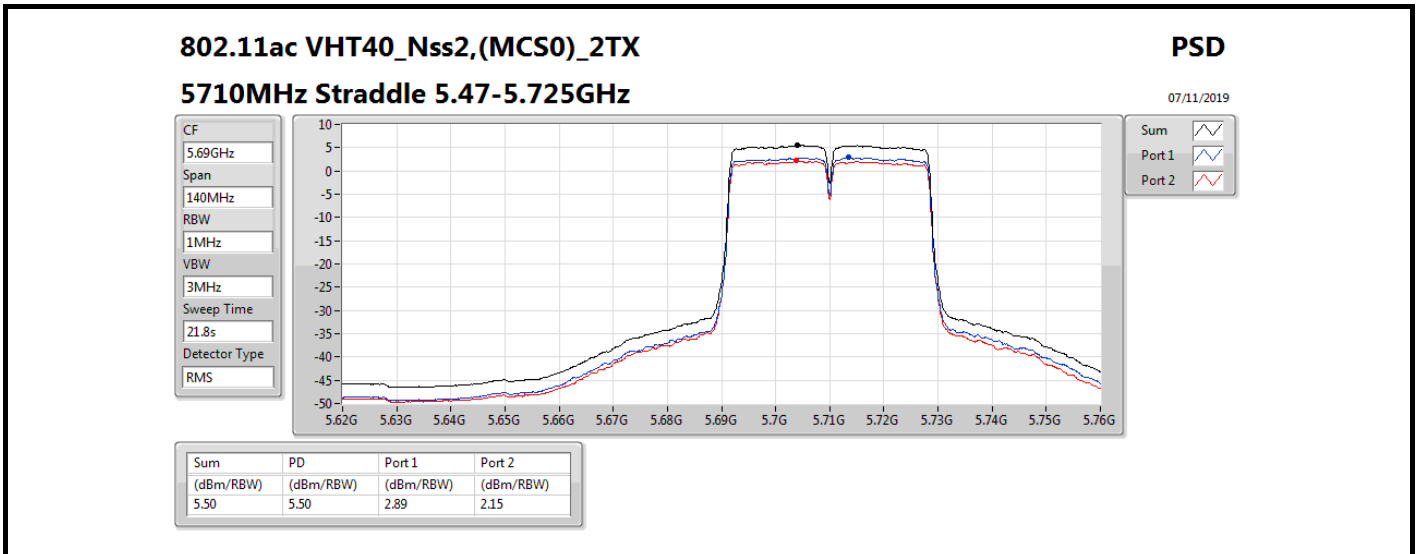


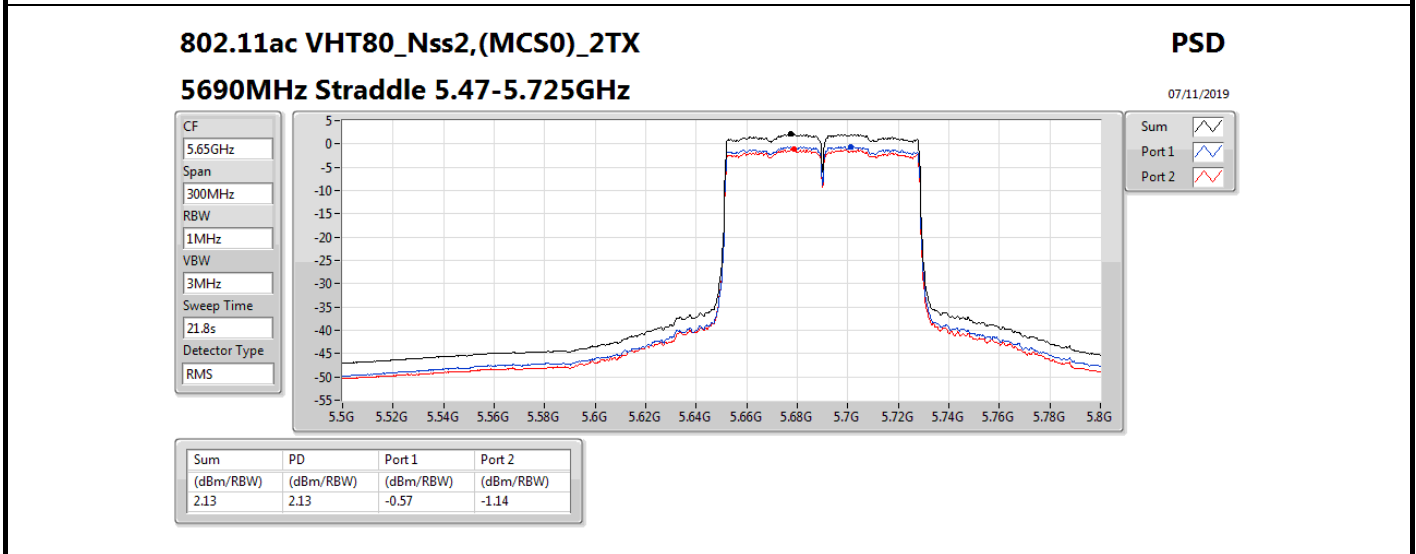
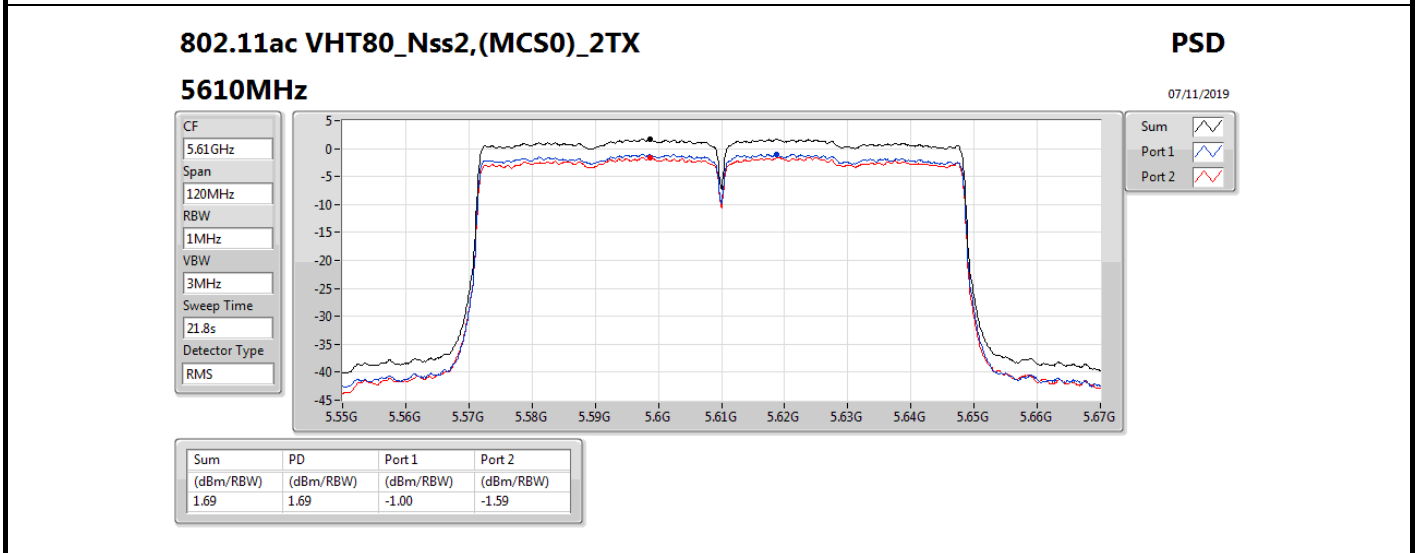
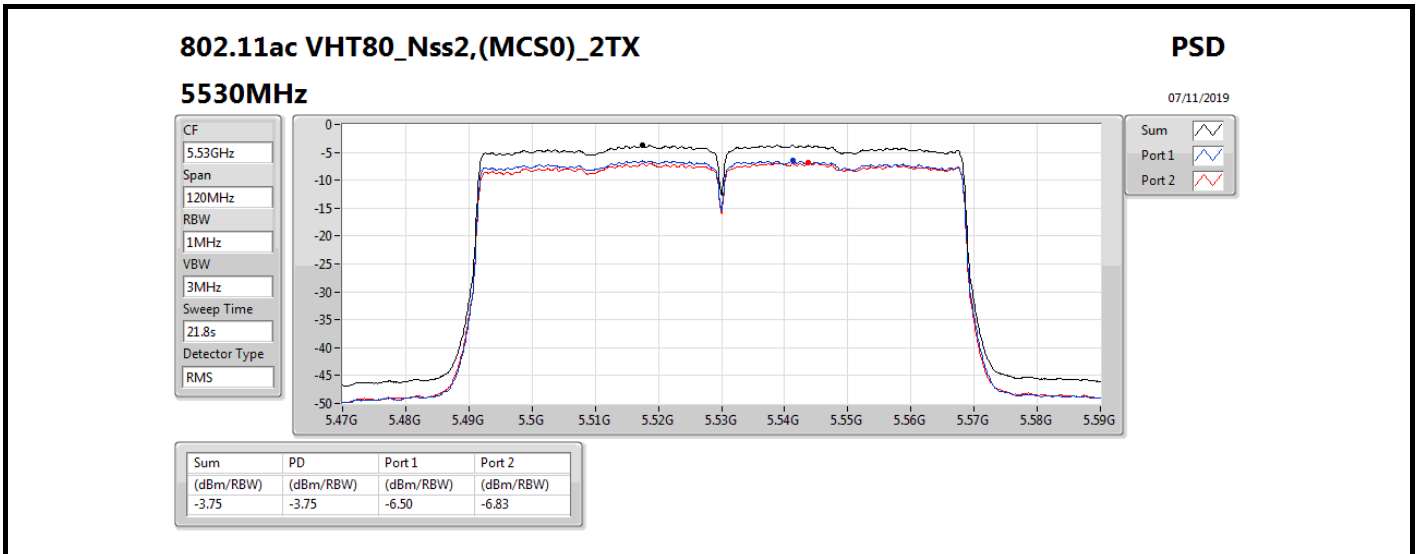


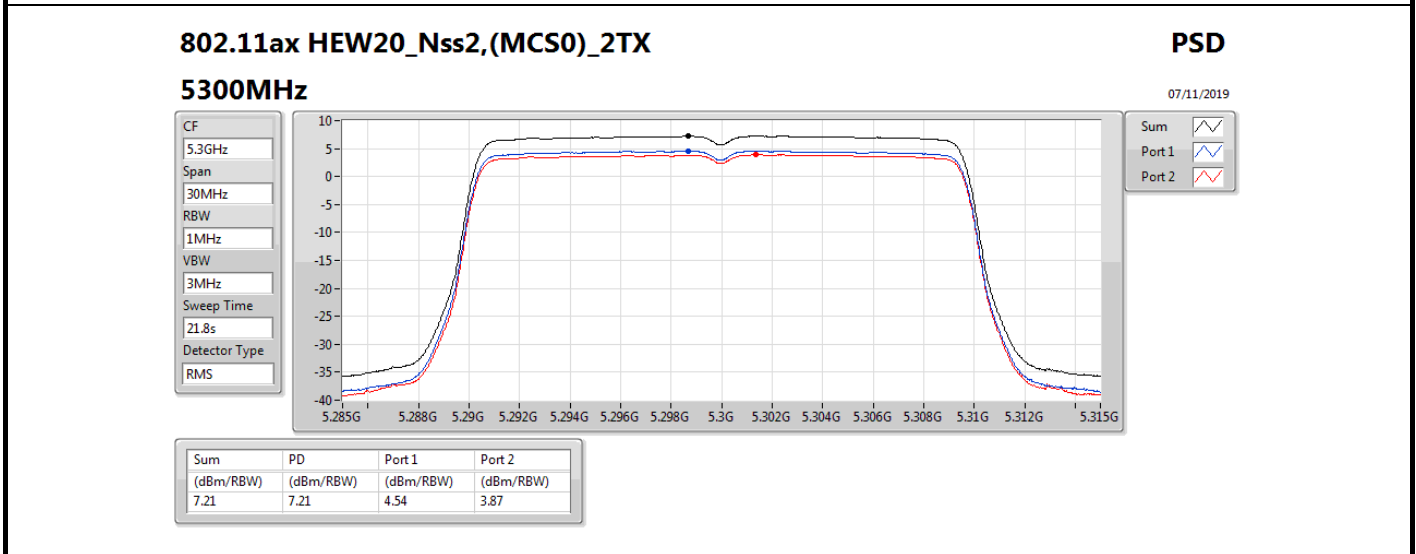
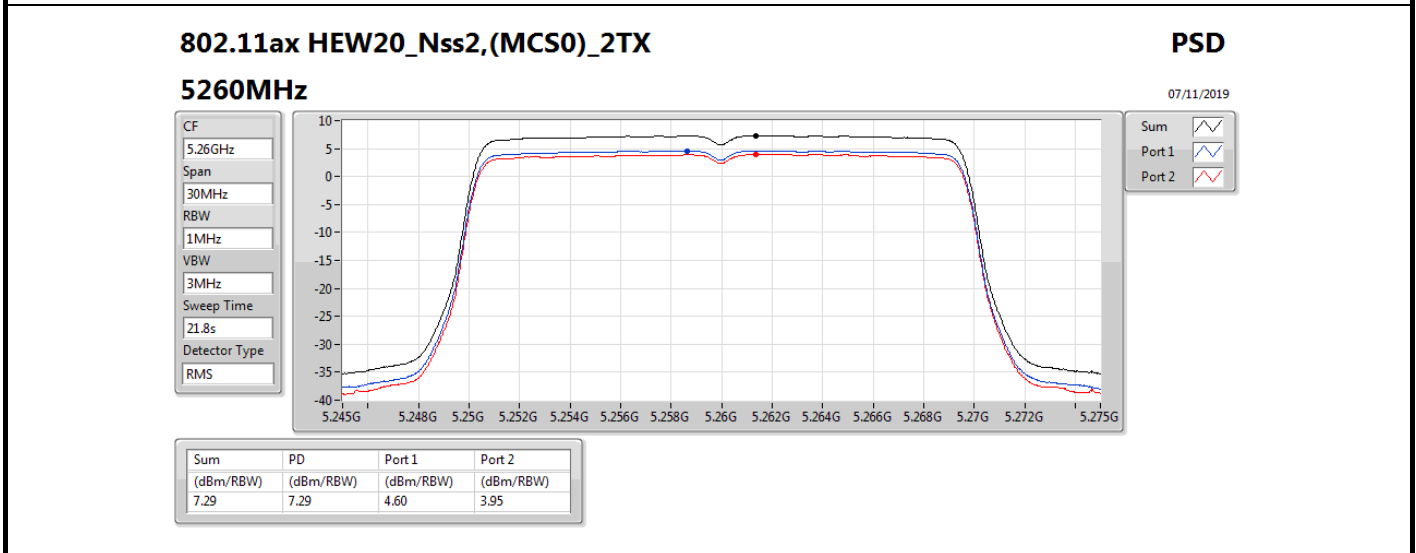
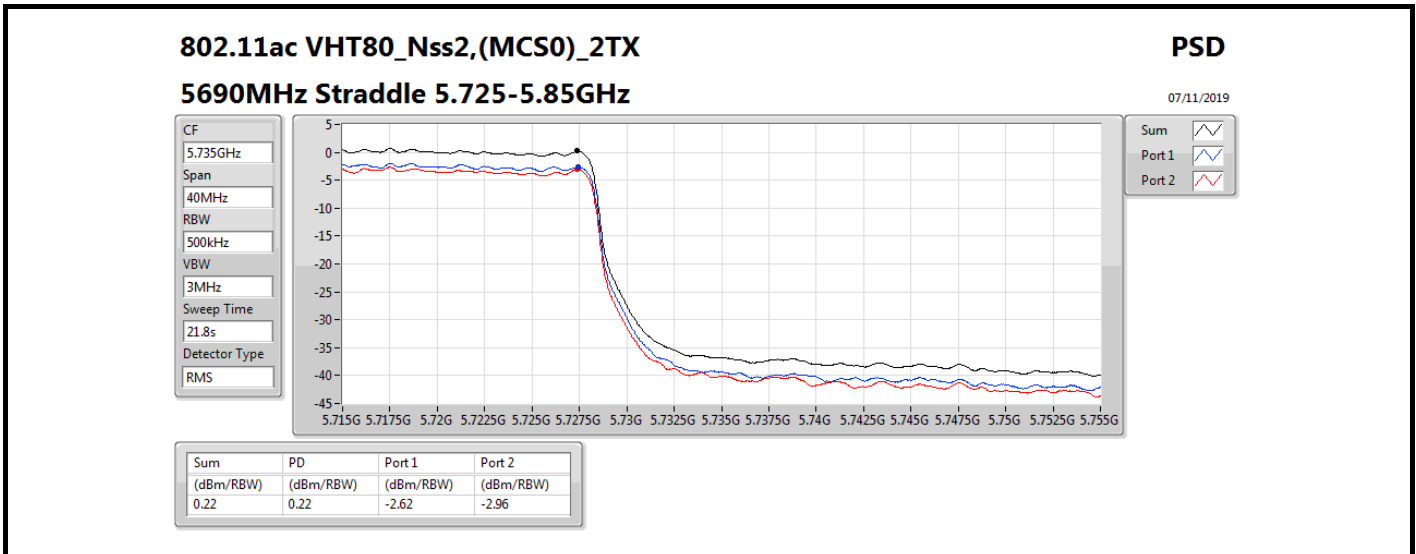


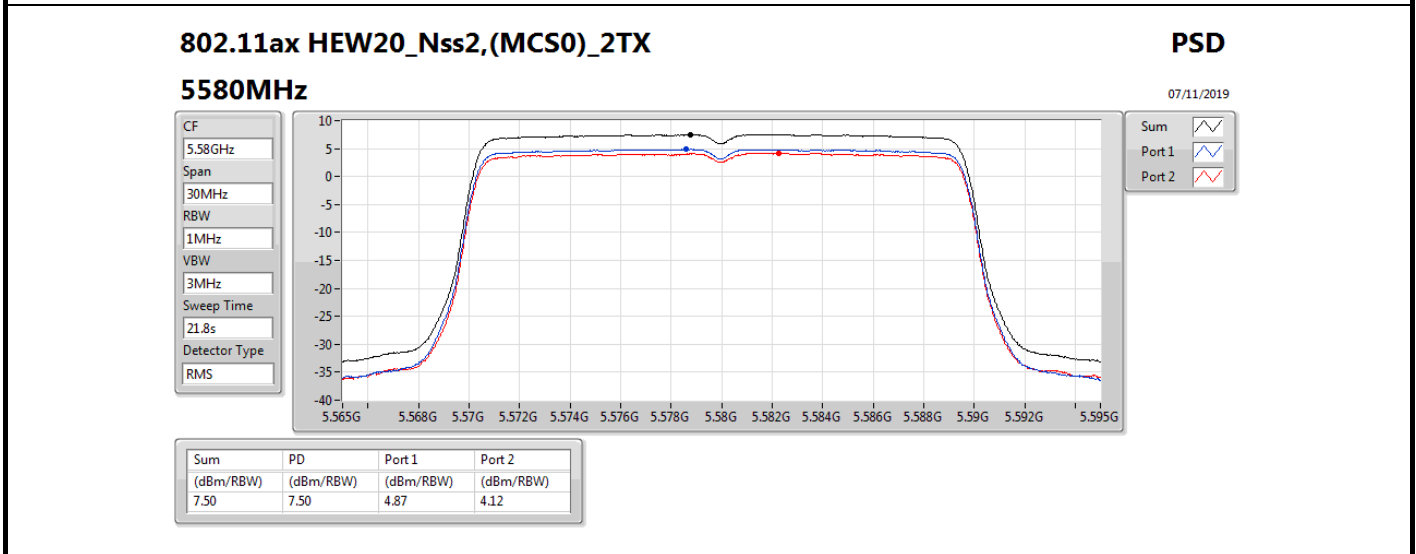
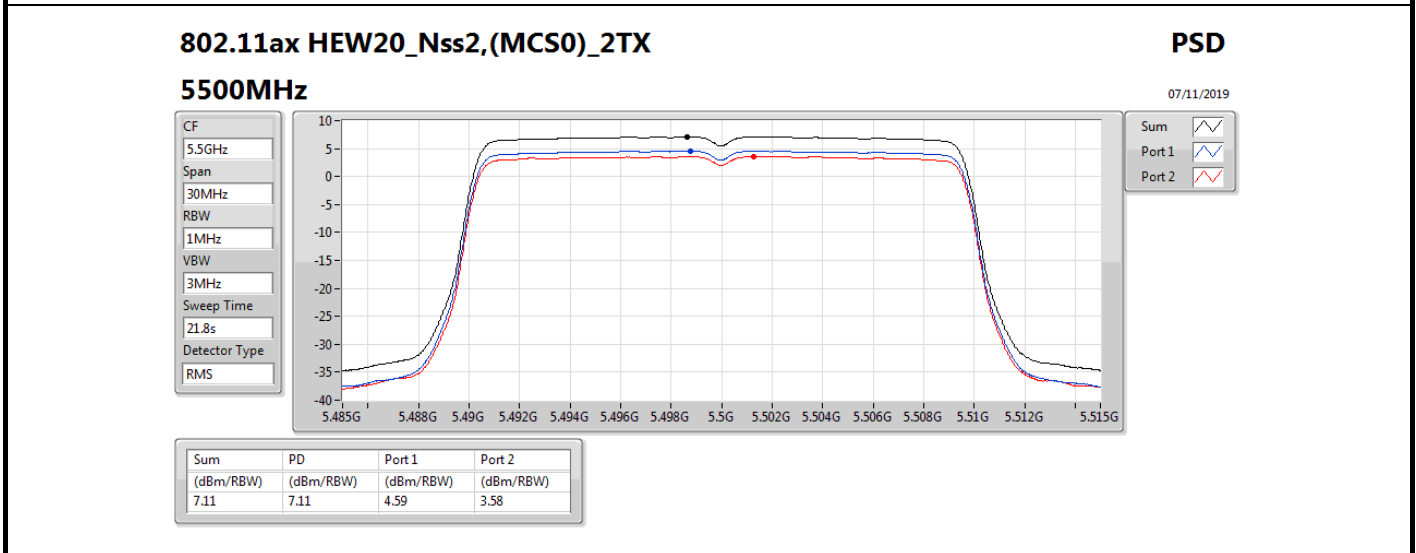
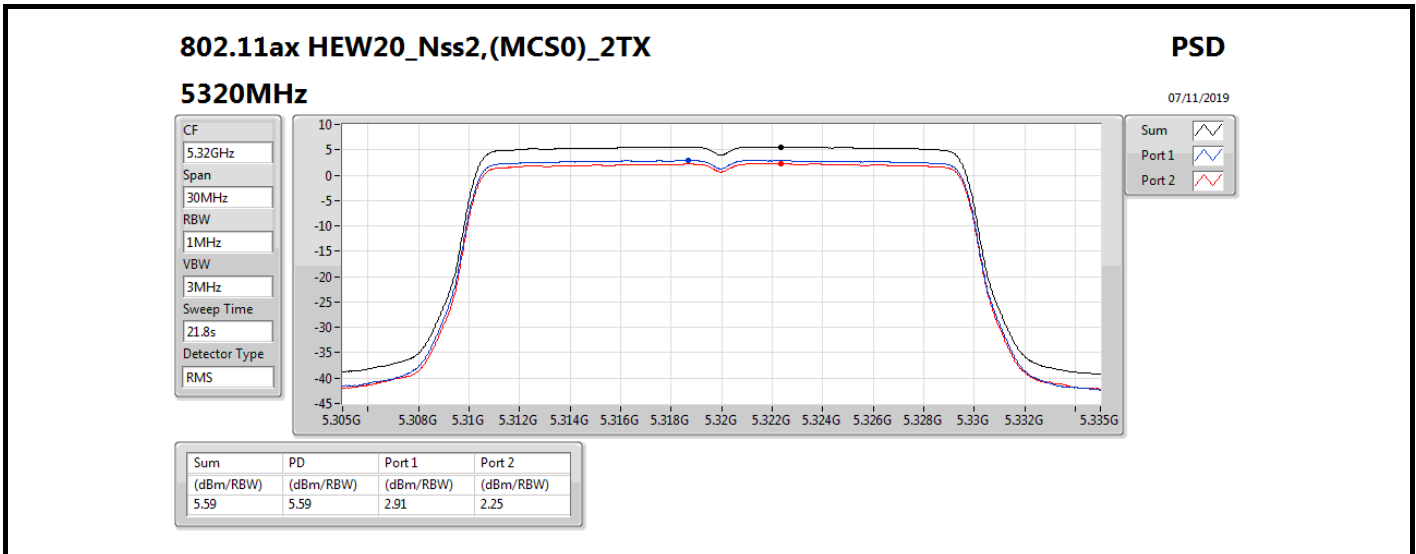


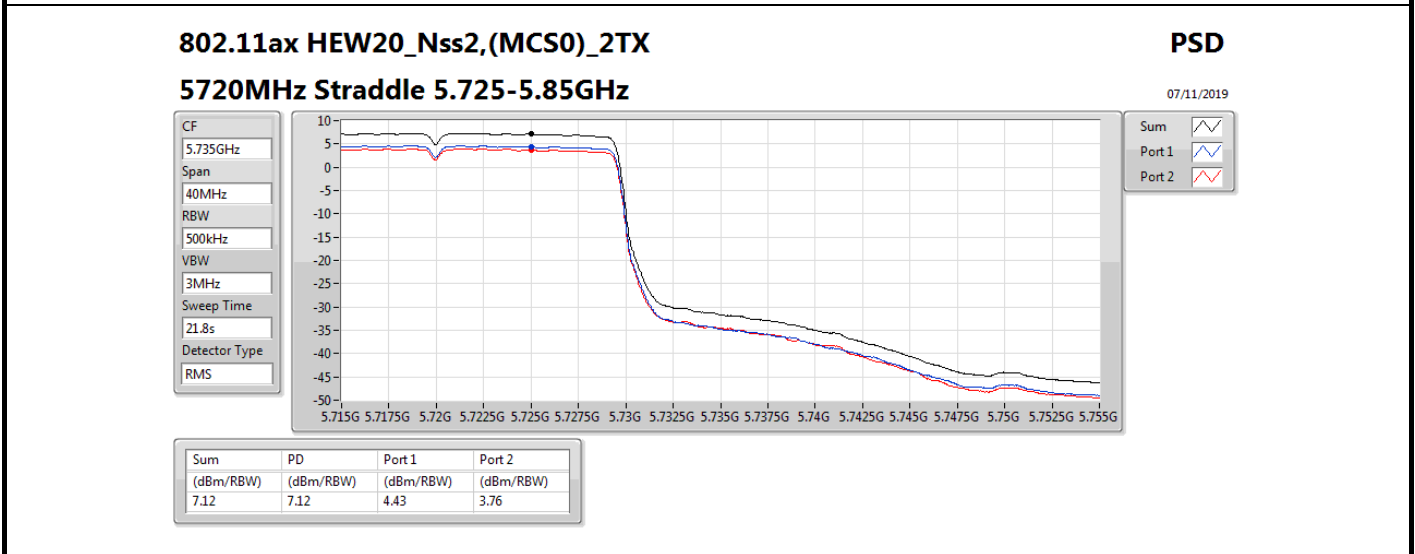
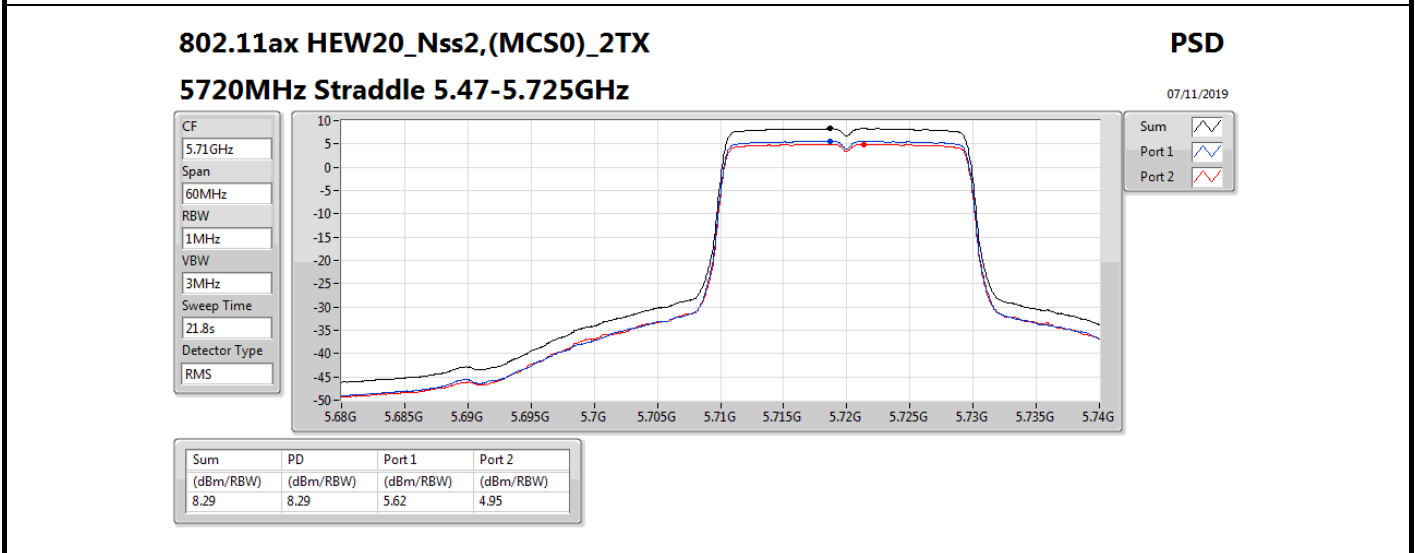
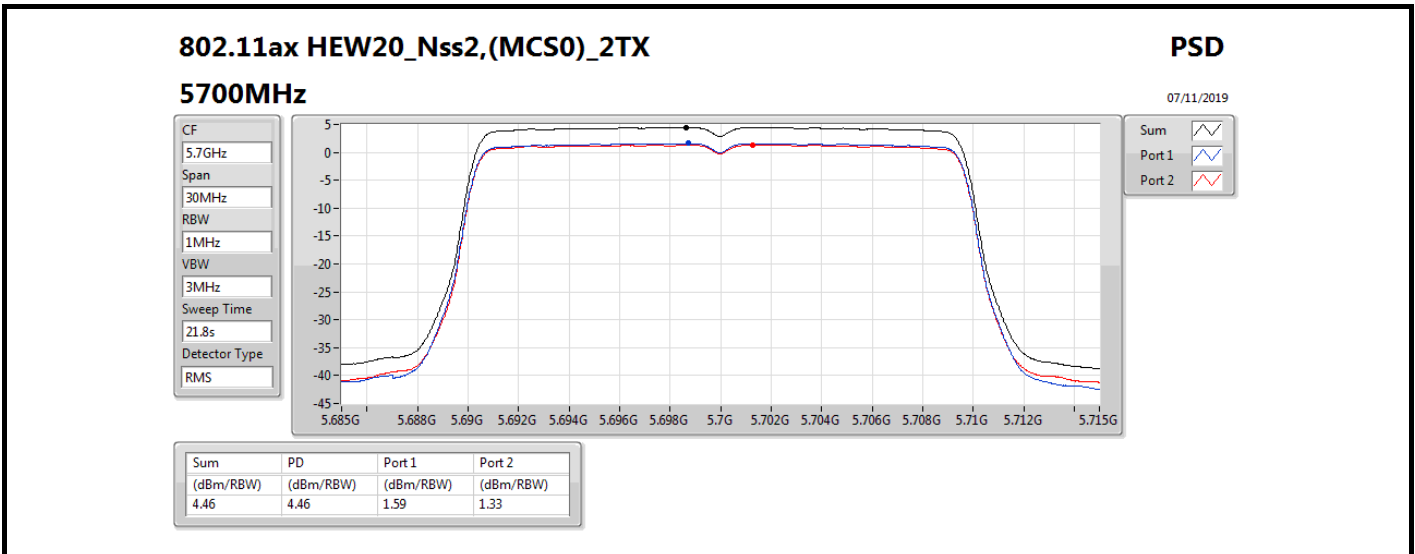










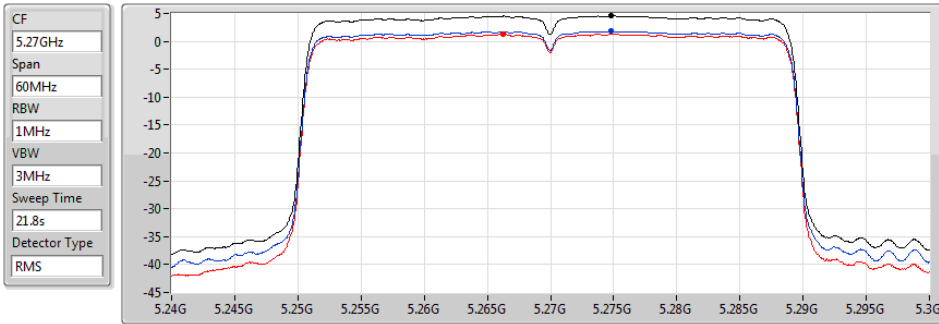


802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5270MHz

07/11/2019



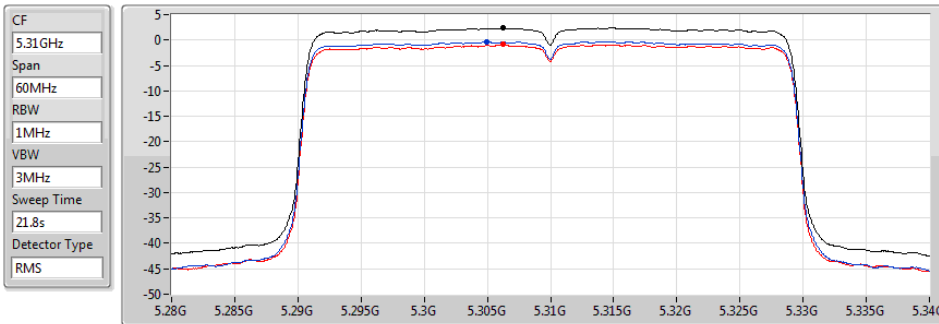
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.57	4.57	1.79	1.37

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5310MHz

07/11/2019



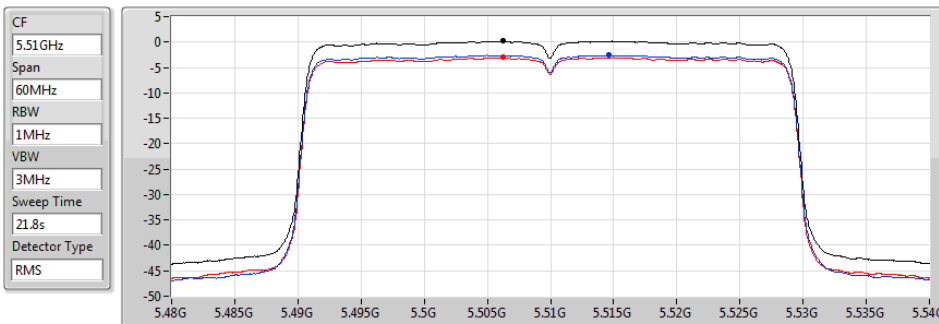
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.35	2.35	-0.36	-0.89

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5510MHz

07/11/2019



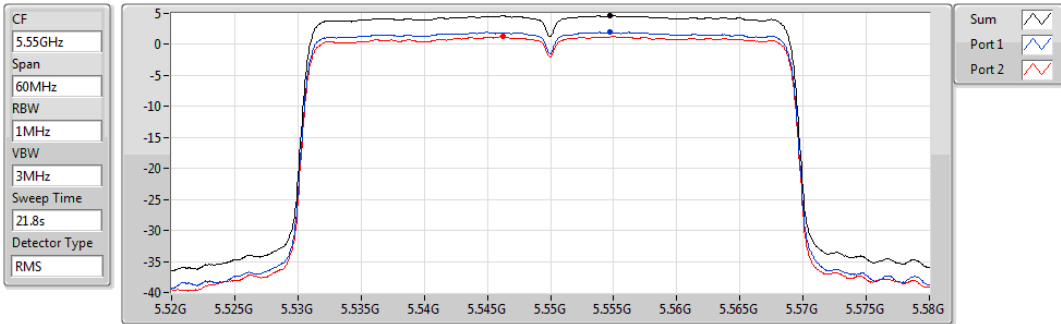
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.17	0.17	-2.62	-3.00

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5550MHz

07/11/2019



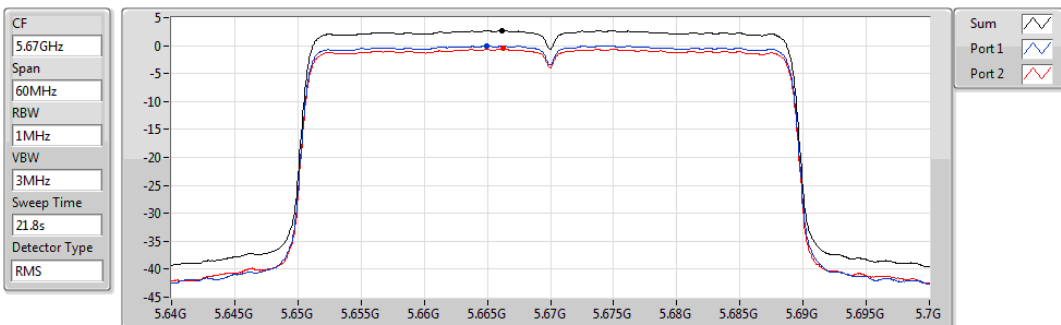
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.62	4.62	1.96	1.30

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5670MHz

07/11/2019



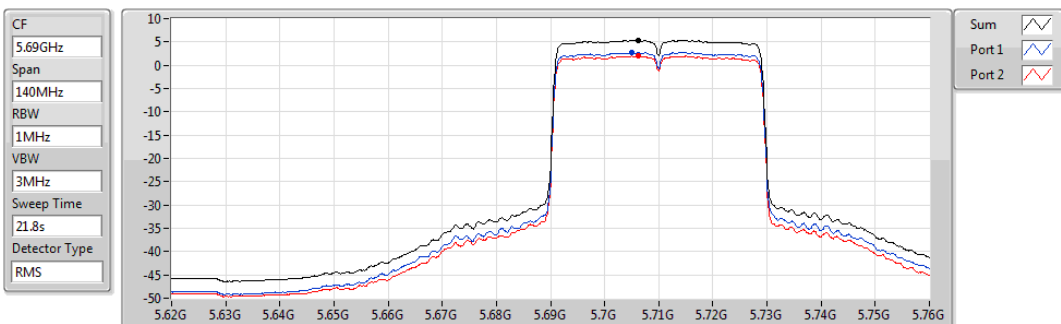
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.68	2.68	-0.04	-0.55

802.11ax HEW40_Nss2,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

07/11/2019

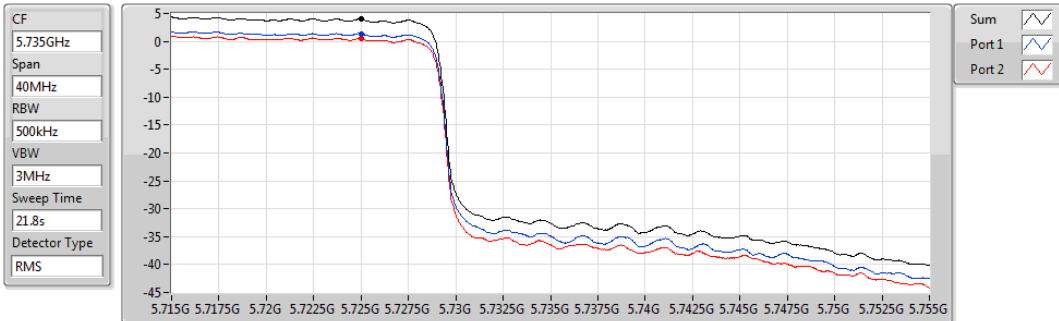


Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.39	5.39	2.74	2.10

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

PSD

07/11/2019

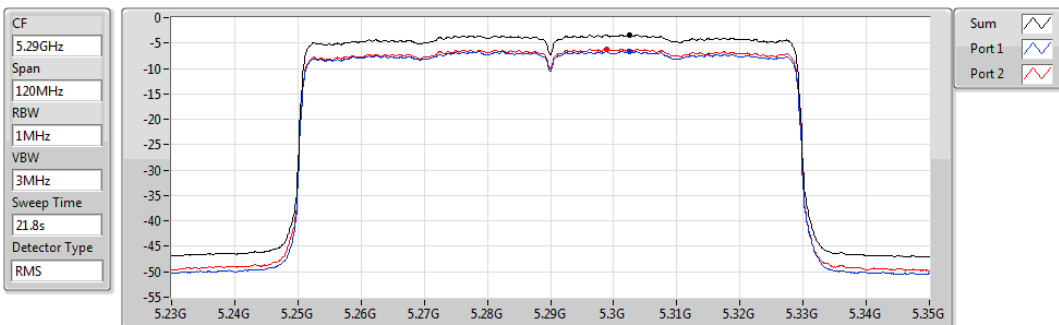


Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
3.94	3.94	1.36	0.46

802.11ax HEW80_Nss2,(MCS0)_2TX
5290MHz

PSD

07/11/2019

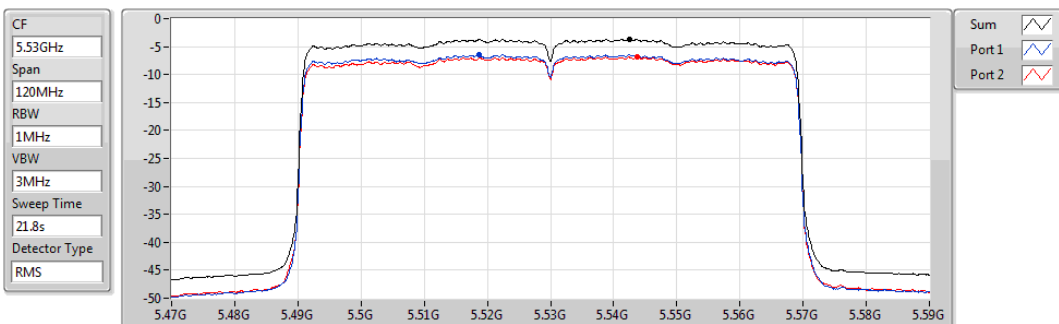


Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-3.40	-3.40	-6.61	-6.16

802.11ax HEW80_Nss2,(MCS0)_2TX
5530MHz

PSD

07/11/2019



Sum	PD	Port 1	Port 2
(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)	(dBm/100kHz)
-3.68	-3.68	-6.45	-6.86

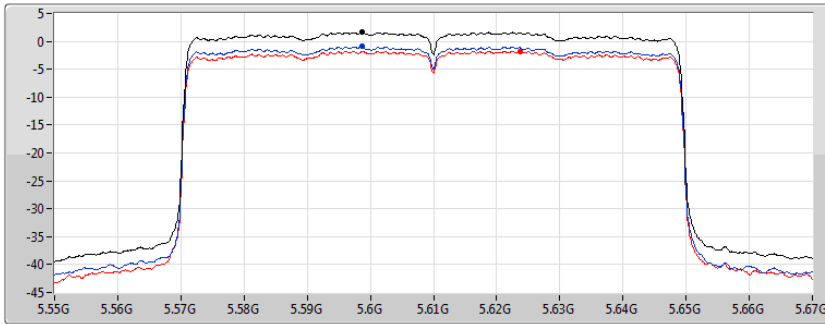
802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5610MHz

07/11/2019

CF
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.8s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.63	1.63	-0.94	-1.78

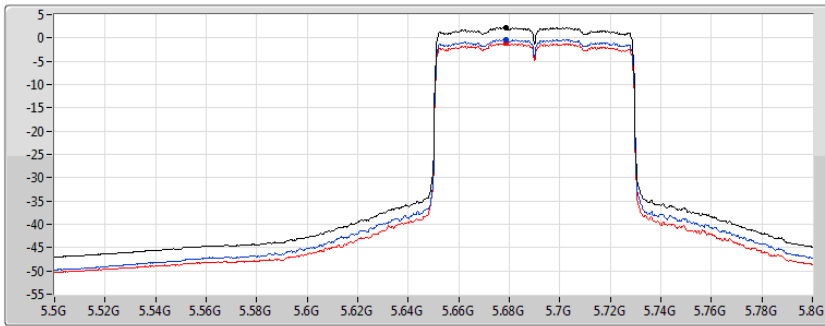
802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

07/11/2019

CF
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
21.8s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.26	2.26	-0.34	-1.21

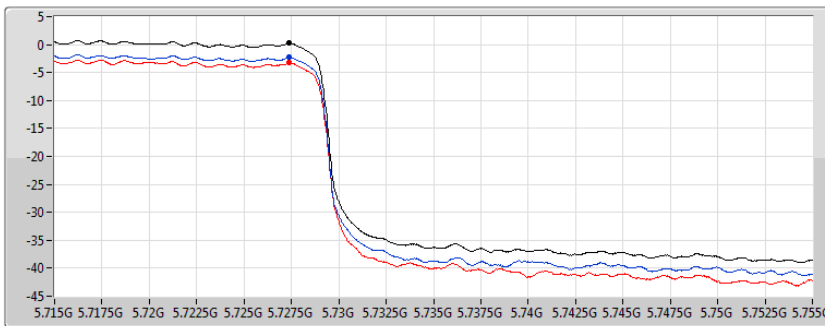
802.11ax HEW80_Nss2,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

07/11/2019

CF
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
21.8s
Detector Type
RMS



Sum
Port 1
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.23	0.23	-2.31	-3.30



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	6.29	16.99
802.11ac VHT20_Nss1,(MCS0)_1TX	5.74	16.44
802.11ac VHT40_Nss1,(MCS0)_1TX	3.07	13.77
802.11ac VHT80_Nss1,(MCS0)_1TX	-5.22	5.48
802.11ax HEW20_Nss1,(MCS0)_1TX	5.85	16.55
802.11ax HEW40_Nss1,(MCS0)_1TX	2.83	13.53
802.11ax HEW80_Nss1,(MCS0)_1TX	-4.91	5.79
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	6.23	16.93
802.11ac VHT20_Nss1,(MCS0)_1TX	6.03	16.73
802.11ac VHT40_Nss1,(MCS0)_1TX	3.25	13.95
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.21	10.49
802.11ax HEW20_Nss1,(MCS0)_1TX	5.96	16.66
802.11ax HEW40_Nss1,(MCS0)_1TX	2.92	13.62
802.11ax HEW80_Nss1,(MCS0)_1TX	0.01	10.71
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	4.43	15.13
802.11ac VHT20_Nss1,(MCS0)_1TX	4.27	14.97
802.11ac VHT40_Nss1,(MCS0)_1TX	0.40	11.10
802.11ac VHT80_Nss1,(MCS0)_1TX	-3.00	7.70
802.11ax HEW20_Nss1,(MCS0)_1TX	4.34	15.04
802.11ax HEW40_Nss1,(MCS0)_1TX	0.76	11.46
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.60	8.10

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