



**Average Power**  
**Non-Beamforming Indoor Sample 2 Radio 1 Panel 1\_2T2S**

**Appendix C.8**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	14.98	14.78	17.89	25.30	28.59	36.00
5200MHz	Pass	10.70	19.11	18.73	21.93	25.30	32.63	36.00
5240MHz	Pass	10.70	19.08	18.69	21.90	25.30	32.60	36.00
5745MHz	Pass	10.70	21.81	21.69	24.76	25.30	35.46	36.00
5785MHz	Pass	10.70	21.67	21.61	24.65	25.30	35.35	36.00
5825MHz	Pass	10.70	14.50	14.64	17.58	25.30	28.28	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	16.51	16.37	19.45	25.30	30.15	36.00
5200MHz	Pass	10.70	20.84	20.73	23.80	25.30	34.50	36.00
5240MHz	Pass	10.70	21.52	21.31	24.43	25.30	35.13	36.00
5745MHz	Pass	10.70	21.53	21.41	24.48	25.30	35.18	36.00
5785MHz	Pass	10.70	21.47	21.55	24.52	25.30	35.22	36.00
5825MHz	Pass	10.70	15.38	15.55	18.48	25.30	29.18	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	14.93	14.52	17.74	25.30	28.44	36.00
5230MHz	Pass	10.70	19.52	19.30	22.42	25.30	33.12	36.00
5755MHz	Pass	10.70	20.68	20.73	23.72	25.30	34.42	36.00
5795MHz	Pass	10.70	20.61	20.71	23.67	25.30	34.37	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	13.14	13.61	16.39	25.30	27.09	36.00
5775MHz	Pass	10.70	17.07	17.46	20.28	25.30	30.98	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	16.95	16.78	19.88	25.30	30.58	36.00
5200MHz	Pass	10.70	21.19	21.07	24.14	25.30	34.84	36.00
5240MHz	Pass	10.70	21.83	21.61	24.73	25.30	35.43	36.00
5745MHz	Pass	10.70	21.69	21.53	24.62	25.30	35.32	36.00
5785MHz	Pass	10.70	21.61	21.67	24.65	25.30	35.35	36.00
5825MHz	Pass	10.70	15.84	15.79	18.83	25.30	29.53	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	15.12	14.71	17.93	25.30	28.63	36.00
5230MHz	Pass	10.70	19.87	19.44	22.67	25.30	33.37	36.00
5755MHz	Pass	10.70	20.78	20.91	23.86	25.30	34.56	36.00
5795MHz	Pass	10.70	20.74	20.65	23.71	25.30	34.41	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	13.41	13.90	16.67	25.30	27.37	36.00
5775MHz	Pass	10.70	17.43	17.71	20.58	25.30	31.28	36.00

DG = Directional Gain; Port X = Port X output power



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.21	0.20941	31.21	1.32130
802.11ac VHT20_Nss1,(MCS0)_1TX	22.96	0.19770	30.96	1.24738
802.11ac VHT40_Nss1,(MCS0)_1TX	20.29	0.10691	28.29	0.67453
802.11ac VHT80_Nss1,(MCS0)_1TX	15.02	0.03177	23.02	0.20045
802.11ax HEW20_Nss1,(MCS0)_1TX	23.13	0.20559	31.13	1.29718
802.11ax HEW40_Nss1,(MCS0)_1TX	20.57	0.11402	28.57	0.71945
802.11ax HEW80_Nss1,(MCS0)_1TX	15.44	0.03499	23.44	0.22080
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.21	0.16634	30.21	1.04954
802.11ac VHT20_Nss1,(MCS0)_1TX	22.56	0.18030	30.56	1.13763
802.11ac VHT40_Nss1,(MCS0)_1TX	23.17	0.20749	31.17	1.30918
802.11ac VHT80_Nss1,(MCS0)_1TX	19.60	0.09120	27.60	0.57544
802.11ax HEW20_Nss1,(MCS0)_1TX	22.69	0.18578	30.69	1.17220
802.11ax HEW40_Nss1,(MCS0)_1TX	23.21	0.20941	31.21	1.32130
802.11ax HEW80_Nss1,(MCS0)_1TX	19.72	0.09376	27.72	0.59156



**Average Power**  
**Non-Beamforming Indoor Sample 2 Radio 2 Omni 1T1S**

**Appendix C.9**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	18.58	18.58	28.00	26.58	36.00
5200MHz	Pass	8.00	23.00	23.00	28.00	31.00	36.00
5240MHz	Pass	8.00	23.21	23.21	28.00	31.21	36.00
5745MHz	Pass	8.00	22.21	22.21	28.00	30.21	36.00
5785MHz	Pass	8.00	22.07	22.07	28.00	30.07	36.00
5825MHz	Pass	8.00	21.77	21.77	28.00	29.77	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	17.80	17.80	28.00	25.80	36.00
5200MHz	Pass	8.00	22.37	22.37	28.00	30.37	36.00
5240MHz	Pass	8.00	22.96	22.96	28.00	30.96	36.00
5745MHz	Pass	8.00	22.56	22.56	28.00	30.56	36.00
5785MHz	Pass	8.00	21.42	21.42	28.00	29.42	36.00
5825MHz	Pass	8.00	21.08	21.08	28.00	29.08	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	15.90	15.90	28.00	23.90	36.00
5230MHz	Pass	8.00	20.29	20.29	28.00	28.29	36.00
5755MHz	Pass	8.00	23.17	23.17	28.00	31.17	36.00
5795MHz	Pass	8.00	23.07	23.07	28.00	31.07	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	15.02	15.02	28.00	23.02	36.00
5775MHz	Pass	8.00	19.60	19.60	28.00	27.60	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	17.91	17.91	28.00	25.91	36.00
5200MHz	Pass	8.00	22.39	22.39	28.00	30.39	36.00
5240MHz	Pass	8.00	23.13	23.13	28.00	31.13	36.00
5745MHz	Pass	8.00	22.69	22.69	28.00	30.69	36.00
5785MHz	Pass	8.00	21.75	21.75	28.00	29.75	36.00
5825MHz	Pass	8.00	21.30	21.30	28.00	29.30	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	16.14	16.14	28.00	24.14	36.00
5230MHz	Pass	8.00	20.57	20.57	28.00	28.57	36.00
5755MHz	Pass	8.00	23.21	23.21	28.00	31.21	36.00
5795MHz	Pass	8.00	23.17	23.17	28.00	31.17	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	15.44	15.44	28.00	23.44	36.00
5775MHz	Pass	8.00	19.72	19.72	28.00	27.72	36.00

DG = Directional Gain; Port X = Port X output power



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	25.78	0.37844	19.73	0.09397
802.11ac VHT20_Nss2,(MCS0)_2TX	25.95	0.39355	19.90	0.09772
802.11ac VHT40_Nss2,(MCS0)_2TX	23.04	0.20137	16.99	0.05000
802.11ac VHT80_Nss2,(MCS0)_2TX	16.46	0.04426	10.41	0.01099
802.11ax HEW20_Nss2,(MCS0)_2TX	26.15	0.41210	20.10	0.10233
802.11ax HEW40_Nss2,(MCS0)_2TX	23.28	0.21281	17.23	0.05284
802.11ax HEW80_Nss2,(MCS0)_2TX	16.75	0.04732	10.70	0.01175
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	25.73	0.37411	33.73	2.36048
802.11ac VHT20_Nss2,(MCS0)_2TX	25.79	0.37931	33.79	2.39332
802.11ac VHT40_Nss2,(MCS0)_2TX	25.18	0.32961	33.18	2.07970
802.11ac VHT80_Nss2,(MCS0)_2TX	21.44	0.13932	29.44	0.87902
802.11ax HEW20_Nss2,(MCS0)_2TX	25.98	0.39628	33.98	2.50035
802.11ax HEW40_Nss2,(MCS0)_2TX	25.37	0.34435	33.37	2.17270
802.11ax HEW80_Nss2,(MCS0)_2TX	21.68	0.14723	29.68	0.92897



**Average Power**  
**Non-Beamforming Indoor Sample 2 Radio 2 Omni 2T2S**

**Appendix C.10**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-6.05	17.38	17.47	20.44	30.00	14.39	36.00
5200MHz	Pass	-6.05	21.75	21.32	24.55	30.00	18.50	36.00
5240MHz	Pass	-6.05	22.91	22.62	25.78	30.00	19.73	36.00
5745MHz	Pass	8.00	21.60	21.77	24.70	28.00	32.70	36.00
5785MHz	Pass	8.00	22.87	22.56	25.73	28.00	33.73	36.00
5825MHz	Pass	8.00	21.91	21.75	24.84	28.00	32.84	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-6.05	16.75	16.69	19.73	30.00	13.68	36.00
5200MHz	Pass	-6.05	21.53	21.14	24.35	30.00	18.30	36.00
5240MHz	Pass	-6.05	23.06	22.81	25.95	30.00	19.90	36.00
5745MHz	Pass	8.00	22.10	22.12	25.12	28.00	33.12	36.00
5785MHz	Pass	8.00	21.83	21.91	24.88	28.00	32.88	36.00
5825MHz	Pass	8.00	22.83	22.72	25.79	28.00	33.79	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	-6.05	15.26	14.74	18.02	30.00	11.97	36.00
5230MHz	Pass	-6.05	20.27	19.78	23.04	30.00	16.99	36.00
5755MHz	Pass	8.00	21.50	21.09	24.31	28.00	32.31	36.00
5795MHz	Pass	8.00	22.43	21.89	25.18	28.00	33.18	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	-6.05	13.43	13.47	16.46	30.00	10.41	36.00
5775MHz	Pass	8.00	18.17	18.67	21.44	28.00	29.44	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	-6.05	17.17	17.02	20.11	30.00	14.06	36.00
5200MHz	Pass	-6.05	21.86	21.38	24.64	30.00	18.59	36.00
5240MHz	Pass	-6.05	23.34	22.93	26.15	30.00	20.10	36.00
5745MHz	Pass	8.00	22.33	22.31	25.33	28.00	33.33	36.00
5785MHz	Pass	8.00	22.08	22.09	25.10	28.00	33.10	36.00
5825MHz	Pass	8.00	23.05	22.88	25.98	28.00	33.98	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	-6.05	15.44	14.94	18.21	30.00	12.16	36.00
5230MHz	Pass	-6.05	20.61	19.91	23.28	30.00	17.23	36.00
5755MHz	Pass	8.00	21.68	21.24	24.48	28.00	32.48	36.00
5795MHz	Pass	8.00	22.56	22.16	25.37	28.00	33.37	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	-6.05	13.75	13.72	16.75	30.00	10.70	36.00
5775MHz	Pass	8.00	18.43	18.90	21.68	28.00	29.68	36.00

DG = Directional Gain; Port X = Port X output power



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	23.17	0.20749	33.87	2.43781
802.11ac VHT20_Nss1,(MCS0)_1TX	22.70	0.18621	33.40	2.18776
802.11ac VHT40_Nss1,(MCS0)_1TX	21.33	0.13583	32.03	1.59588
802.11ac VHT80_Nss1,(MCS0)_1TX	16.16	0.04130	26.86	0.48529
802.11ax HEW20_Nss1,(MCS0)_1TX	23.11	0.20464	33.81	2.40436
802.11ax HEW40_Nss1,(MCS0)_1TX	21.46	0.13996	32.16	1.64437
802.11ax HEW80_Nss1,(MCS0)_1TX	16.28	0.04246	26.98	0.49888
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	22.93	0.19634	33.63	2.30675
802.11ac VHT20_Nss1,(MCS0)_1TX	22.69	0.18578	33.39	2.18273
802.11ac VHT40_Nss1,(MCS0)_1TX	22.61	0.18239	33.31	2.14289
802.11ac VHT80_Nss1,(MCS0)_1TX	19.91	0.09795	30.61	1.15080
802.11ax HEW20_Nss1,(MCS0)_1TX	22.87	0.19364	33.57	2.27510
802.11ax HEW40_Nss1,(MCS0)_1TX	22.76	0.18880	33.46	2.21820
802.11ax HEW80_Nss1,(MCS0)_1TX	20.08	0.10186	30.78	1.19674



**Average Power**  
**Non-Beamforming Indoor Sample 2 Radio 2 Panel 1\_1T1S**      **Appendix C.11**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	18.91	18.91	25.30	29.61	36.00
5200MHz	Pass	10.70	23.17	23.17	25.30	33.87	36.00
5240MHz	Pass	10.70	23.17	23.17	25.30	33.87	36.00
5745MHz	Pass	10.70	22.54	22.54	25.30	33.24	36.00
5785MHz	Pass	10.70	22.93	22.93	25.30	33.63	36.00
5825MHz	Pass	10.70	22.32	22.32	25.30	33.02	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	17.72	17.72	25.30	28.42	36.00
5200MHz	Pass	10.70	22.50	22.50	25.30	33.20	36.00
5240MHz	Pass	10.70	22.70	22.70	25.30	33.40	36.00
5745MHz	Pass	10.70	22.63	22.63	25.30	33.33	36.00
5785MHz	Pass	10.70	22.10	22.10	25.30	32.80	36.00
5825MHz	Pass	10.70	22.69	22.69	25.30	33.39	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	10.70	16.51	16.51	25.30	27.21	36.00
5230MHz	Pass	10.70	21.33	21.33	25.30	32.03	36.00
5755MHz	Pass	10.70	22.61	22.61	25.30	33.31	36.00
5795MHz	Pass	10.70	22.54	22.54	25.30	33.24	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	10.70	16.16	16.16	25.30	26.86	36.00
5775MHz	Pass	10.70	19.91	19.91	25.30	30.61	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	10.70	18.17	18.17	25.30	28.87	36.00
5200MHz	Pass	10.70	22.76	22.76	25.30	33.46	36.00
5240MHz	Pass	10.70	23.11	23.11	25.30	33.81	36.00
5745MHz	Pass	10.70	22.64	22.64	25.30	33.34	36.00
5785MHz	Pass	10.70	22.33	22.33	25.30	33.03	36.00
5825MHz	Pass	10.70	22.87	22.87	25.30	33.57	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	10.70	16.61	16.61	25.30	27.31	36.00
5230MHz	Pass	10.70	21.46	21.46	25.30	32.16	36.00
5755MHz	Pass	10.70	22.71	22.71	25.30	33.41	36.00
5795MHz	Pass	10.70	22.76	22.76	25.30	33.46	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	10.70	16.28	16.28	25.30	26.98	36.00
5775MHz	Pass	10.70	20.08	20.08	25.30	30.78	36.00

DG = Directional Gain; Port X = Port X output power



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	22.34	0.17140	33.04	2.01372
802.11ac VHT20_Nss2,(MCS0)_2TX	24.47	0.27990	35.17	3.28852
802.11ac VHT40_Nss2,(MCS0)_2TX	23.43	0.22029	34.13	2.58821
802.11ac VHT80_Nss2,(MCS0)_2TX	16.84	0.04831	27.54	0.56754
802.11ax HEW20_Nss2,(MCS0)_2TX	24.67	0.29309	35.37	3.44350
802.11ax HEW40_Nss2,(MCS0)_2TX	23.64	0.23121	34.34	2.71644
802.11ax HEW80_Nss2,(MCS0)_2TX	17.01	0.05023	27.71	0.59020
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_2TX	24.63	0.29040	35.33	3.41193
802.11ac VHT20_Nss2,(MCS0)_2TX	24.49	0.28119	35.19	3.30370
802.11ac VHT40_Nss2,(MCS0)_2TX	24.35	0.27227	35.05	3.19890
802.11ac VHT80_Nss2,(MCS0)_2TX	21.39	0.13772	32.09	1.61808
802.11ax HEW20_Nss2,(MCS0)_2TX	24.62	0.28973	35.32	3.40408
802.11ax HEW40_Nss2,(MCS0)_2TX	24.59	0.28774	35.29	3.38065
802.11ax HEW80_Nss2,(MCS0)_2TX	21.48	0.14060	32.18	1.65196





**Average Power**  
**Non-Beamforming Indoor Sample 2 Radio 2 Panel 1\_2T2S Appendix C.12**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	16.43	15.84	19.16	25.30	29.86	36.00
5200MHz	Pass	10.70	19.50	18.88	22.21	25.30	32.91	36.00
5240MHz	Pass	10.70	19.60	19.05	22.34	25.30	33.04	36.00
5745MHz	Pass	10.70	21.33	21.90	24.63	25.30	35.33	36.00
5785MHz	Pass	10.70	20.05	20.15	23.11	25.30	33.81	36.00
5825MHz	Pass	10.70	20.46	20.98	23.74	25.30	34.44	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	16.87	16.24	19.58	25.30	30.28	36.00
5200MHz	Pass	10.70	21.20	19.87	23.60	25.30	34.30	36.00
5240MHz	Pass	10.70	21.72	21.19	24.47	25.30	35.17	36.00
5745MHz	Pass	10.70	21.20	21.75	24.49	25.30	35.19	36.00
5785MHz	Pass	10.70	21.15	21.46	24.32	25.30	35.02	36.00
5825MHz	Pass	10.70	21.03	21.42	24.24	25.30	34.94	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	15.43	14.61	18.05	25.30	28.75	36.00
5230MHz	Pass	10.70	20.76	20.06	23.43	25.30	34.13	36.00
5755MHz	Pass	10.70	21.08	21.18	24.14	25.30	34.84	36.00
5795MHz	Pass	10.70	21.29	21.39	24.35	25.30	35.05	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	14.15	13.49	16.84	25.30	27.54	36.00
5775MHz	Pass	10.70	18.41	18.35	21.39	25.30	32.09	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	10.70	17.42	16.51	20.00	25.30	30.70	36.00
5200MHz	Pass	10.70	21.61	20.95	24.30	25.30	35.00	36.00
5240MHz	Pass	10.70	21.95	21.34	24.67	25.30	35.37	36.00
5745MHz	Pass	10.70	21.38	21.83	24.62	25.30	35.32	36.00
5785MHz	Pass	10.70	21.42	21.73	24.59	25.30	35.29	36.00
5825MHz	Pass	10.70	21.34	21.74	24.55	25.30	35.25	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	10.70	15.52	14.81	18.19	25.30	28.89	36.00
5230MHz	Pass	10.70	21.02	20.20	23.64	25.30	34.34	36.00
5755MHz	Pass	10.70	21.29	21.43	24.37	25.30	35.07	36.00
5795MHz	Pass	10.70	21.53	21.63	24.59	25.30	35.29	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	10.70	14.30	13.67	17.01	25.30	27.71	36.00
5775MHz	Pass	10.70	18.50	18.43	21.48	25.30	32.18	36.00

DG = Directional Gain; Port X = Port X output power



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	26.07	0.40458	34.03	2.52930
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	24.19	0.26242	32.15	1.64059
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	19.25	0.08414	27.21	0.52602
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	26.18	0.41495	34.14	2.59418
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	24.58	0.28708	32.54	1.79473
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.31	0.08531	27.27	0.53333
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	20.94	0.12417	28.90	0.77625
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	25.11	0.32434	33.07	2.02768
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	24.64	0.29107	32.60	1.81970
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	20.98	0.12531	28.94	0.78343
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	25.12	0.32509	33.08	2.03236
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	24.89	0.30832	32.85	1.92752



**Average Power  
Beamforming Indoor\_Sample 1\_Radio 1\_2T1S**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.96	16.98	17.09	20.05	28.04	28.01	36.00
5200MHz	Pass	7.96	23.07	23.05	26.07	28.04	34.03	36.00
5240MHz	Pass	7.96	23.03	22.96	26.01	28.04	33.97	36.00
5745MHz	Pass	7.96	17.87	17.99	20.94	28.04	28.90	36.00
5785MHz	Pass	7.96	15.17	15.11	18.15	28.04	26.11	36.00
5825MHz	Pass	7.96	12.50	11.84	15.19	28.04	23.15	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.96	14.38	14.06	17.23	28.04	25.19	36.00
5230MHz	Pass	7.96	21.53	20.79	24.19	28.04	32.15	36.00
5755MHz	Pass	7.96	22.31	21.87	25.11	28.04	33.07	36.00
5795MHz	Pass	7.96	21.40	21.47	24.45	28.04	32.41	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.96	15.82	16.62	19.25	28.04	27.21	36.00
5775MHz	Pass	7.96	21.70	21.55	24.64	28.04	32.60	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	7.96	17.21	17.45	20.34	28.04	28.30	36.00
5200MHz	Pass	7.96	23.23	23.11	26.18	28.04	34.14	36.00
5240MHz	Pass	7.96	23.23	22.99	26.12	28.04	34.08	36.00
5745MHz	Pass	7.96	18.12	17.82	20.98	28.04	28.94	36.00
5785MHz	Pass	7.96	15.28	15.08	18.19	28.04	26.15	36.00
5825MHz	Pass	7.96	12.64	12.19	15.43	28.04	23.39	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	7.96	14.48	14.38	17.44	28.04	25.40	36.00
5230MHz	Pass	7.96	21.82	21.30	24.58	28.04	32.54	36.00
5755MHz	Pass	7.96	22.36	21.84	25.12	28.04	33.08	36.00
5795MHz	Pass	7.96	21.52	21.41	24.48	28.04	32.44	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	7.96	15.79	16.76	19.31	28.04	27.27	36.00
5775MHz	Pass	7.96	21.70	22.05	24.89	28.04	32.85	36.00

**DG** = Directional Gain; **Port X** = Port X output power



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	25.73	0.37411	33.76	2.37684
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	23.14	0.20606	31.17	1.30918
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	19.54	0.08995	27.57	0.57148
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	25.76	0.37670	33.79	2.39332
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	23.34	0.21577	31.37	1.37088
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.56	0.09036	27.59	0.57412
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.32	0.27040	32.35	1.71791
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	25.02	0.31769	33.05	2.01837
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	23.52	0.22491	31.55	1.42889
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.57	0.28642	32.60	1.81970
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	25.13	0.32584	33.16	2.07014
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	23.55	0.22646	31.58	1.43880



**Average Power  
Beamforming Indoor\_Sample 1\_Radio 2\_2T1S**

**Appendix C.14**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.03	18.44	18.55	21.51	27.97	29.54	36.00
5200MHz	Pass	8.03	22.86	22.57	25.73	27.97	33.76	36.00
5240MHz	Pass	8.03	22.07	21.90	25.00	27.97	33.03	36.00
5745MHz	Pass	8.03	21.05	21.41	24.24	27.97	32.27	36.00
5785MHz	Pass	8.03	21.13	21.48	24.32	27.97	32.35	36.00
5825MHz	Pass	8.03	20.43	21.19	23.84	27.97	31.87	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.03	15.80	15.64	18.73	27.97	26.76	36.00
5230MHz	Pass	8.03	20.38	19.87	23.14	27.97	31.17	36.00
5755MHz	Pass	8.03	21.94	22.08	25.02	27.97	33.05	36.00
5795MHz	Pass	8.03	21.87	21.99	24.94	27.97	32.97	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.03	16.82	16.21	19.54	27.97	27.57	36.00
5775MHz	Pass	8.03	20.24	20.77	23.52	27.97	31.55	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	8.03	18.45	18.56	21.52	27.97	29.55	36.00
5200MHz	Pass	8.03	22.89	22.61	25.76	27.97	33.79	36.00
5240MHz	Pass	8.03	22.22	21.83	25.04	27.97	33.07	36.00
5745MHz	Pass	8.03	21.39	21.72	24.57	27.97	32.60	36.00
5785MHz	Pass	8.03	21.29	21.81	24.57	27.97	32.60	36.00
5825MHz	Pass	8.03	20.69	21.28	24.01	27.97	32.04	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	8.03	16.27	16.10	19.20	27.97	27.23	36.00
5230MHz	Pass	8.03	20.64	20.00	23.34	27.97	31.37	36.00
5755MHz	Pass	8.03	22.05	22.03	25.05	27.97	33.08	36.00
5795MHz	Pass	8.03	22.01	22.23	25.13	27.97	33.16	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	8.03	16.64	16.46	19.56	27.97	27.59	36.00
5775MHz	Pass	8.03	20.32	20.74	23.55	27.97	31.58	36.00

**DG** = Directional Gain; **Port X** = Port X output power



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.00	0.25119	35.01	3.16957
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.98	0.15776	32.99	1.99067
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	16.58	0.04550	27.59	0.57412
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.30	0.26915	35.31	3.39625
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.01	0.15885	33.02	2.00447
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.63	0.04603	27.64	0.58076
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.27	0.26730	35.28	3.37287
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	23.88	0.24434	34.89	3.08319
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	19.62	0.09162	30.63	1.15611
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.45	0.27861	35.46	3.51560
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	24.20	0.26303	35.21	3.31894
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.85	0.09661	30.86	1.21899



**Average Power  
Beamforming Indoor\_Sample 2\_Radio 1\_Omni\_2T1S**

**Appendix C.15**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	16.48	16.54	19.52	24.99	30.53	36.00
5200MHz	Pass	11.01	20.44	20.71	23.59	24.99	34.60	36.00
5240MHz	Pass	11.01	20.88	21.10	24.00	24.99	35.01	36.00
5745MHz	Pass	11.01	21.07	21.44	24.27	24.99	35.28	36.00
5785MHz	Pass	11.01	21.01	21.44	24.24	24.99	35.25	36.00
5825MHz	Pass	11.01	13.65	14.22	16.95	24.99	27.96	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	13.36	12.65	16.03	24.99	27.04	36.00
5230MHz	Pass	11.01	18.96	18.97	21.98	24.99	32.99	36.00
5755MHz	Pass	11.01	19.72	19.87	22.81	24.99	33.82	36.00
5795MHz	Pass	11.01	20.99	20.74	23.88	24.99	34.89	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	13.56	13.57	16.58	24.99	27.59	36.00
5775MHz	Pass	11.01	16.53	16.69	19.62	24.99	30.63	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	16.44	16.84	19.65	24.99	30.66	36.00
5200MHz	Pass	11.01	20.60	20.72	23.67	24.99	34.68	36.00
5240MHz	Pass	11.01	21.37	21.21	24.30	24.99	35.31	36.00
5745MHz	Pass	11.01	21.40	21.48	24.45	24.99	35.46	36.00
5785MHz	Pass	11.01	21.07	21.64	24.37	24.99	35.38	36.00
5825MHz	Pass	11.01	13.65	14.41	17.06	24.99	28.07	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	13.58	13.13	16.37	24.99	27.38	36.00
5230MHz	Pass	11.01	19.00	18.99	22.01	24.99	33.02	36.00
5755MHz	Pass	11.01	20.09	20.20	23.16	24.99	34.17	36.00
5795MHz	Pass	11.01	21.07	21.30	24.20	24.99	35.21	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	13.64	13.60	16.63	24.99	27.64	36.00
5775MHz	Pass	11.01	16.42	17.23	19.85	24.99	30.86	36.00

**DG** = Directional Gain; **Port X** = Port X output power



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.54	0.14256	35.25	3.34965
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.26	0.13366	34.97	3.14051
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	15.84	0.03837	29.55	0.90157
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.75	0.14962	35.46	3.51560
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.56	0.14322	35.27	3.36512
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.90	0.03890	29.61	0.91411
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.70	0.14791	35.41	3.47536
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.20	0.13183	34.91	3.09742
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	19.23	0.08375	32.94	1.96789
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.77	0.15031	35.48	3.53183
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.60	0.14454	35.31	3.39625
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.62	0.09162	33.33	2.15278





**Average Power  
Beamforming Indoor\_Sample 2\_Radio 1\_Panel 1\_2T1S**

**Appendix C.16**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	16.39	15.78	19.11	22.29	32.82	36.00
5200MHz	Pass	13.71	18.31	18.74	21.54	22.29	35.25	36.00
5240MHz	Pass	13.71	18.30	18.51	21.42	22.29	35.13	36.00
5745MHz	Pass	13.71	18.81	18.56	21.70	22.29	35.41	36.00
5785MHz	Pass	13.71	13.58	13.30	16.45	22.29	30.16	36.00
5825MHz	Pass	13.71	10.93	10.62	13.79	22.29	27.50	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	14.03	14.14	17.10	22.29	30.81	36.00
5230MHz	Pass	13.71	18.40	18.10	21.26	22.29	34.97	36.00
5755MHz	Pass	13.71	18.13	18.25	21.20	22.29	34.91	36.00
5795MHz	Pass	13.71	14.92	15.60	18.28	22.29	31.99	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	12.52	13.12	15.84	22.29	29.55	36.00
5775MHz	Pass	13.71	16.00	16.43	19.23	22.29	32.94	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	16.76	16.89	19.84	22.29	33.55	36.00
5200MHz	Pass	13.71	18.33	18.86	21.61	22.29	35.32	36.00
5240MHz	Pass	13.71	18.63	18.85	21.75	22.29	35.46	36.00
5745MHz	Pass	13.71	18.66	18.86	21.77	22.29	35.48	36.00
5785MHz	Pass	13.71	13.59	13.58	16.60	22.29	30.31	36.00
5825MHz	Pass	13.71	11.10	10.77	13.95	22.29	27.66	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	14.73	14.58	17.67	22.29	31.38	36.00
5230MHz	Pass	13.71	18.87	18.20	21.56	22.29	35.27	36.00
5755MHz	Pass	13.71	18.78	18.39	21.60	22.29	35.31	36.00
5795MHz	Pass	13.71	15.51	15.06	18.30	22.29	32.01	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	12.30	13.40	15.90	22.29	29.61	36.00
5775MHz	Pass	13.71	16.69	16.53	19.62	22.29	33.33	36.00

**DG** = Directional Gain; **Port X** = Port X output power



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.09	0.25645	35.10	3.23594
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	22.26	0.16827	33.27	2.12324
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	17.51	0.05636	28.52	0.71121
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.34	0.27164	35.35	3.42768
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	22.28	0.16904	33.29	2.13304
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	17.58	0.05728	28.59	0.72277
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	24.40	0.27542	35.41	3.47536
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	24.16	0.26062	35.17	3.28852
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	20.64	0.11588	31.65	1.46218
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	24.48	0.28054	35.49	3.53997
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	24.20	0.26303	35.21	3.31894
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	20.65	0.11614	31.66	1.46555



**Average Power  
Beamforming Indoor\_Sample 2\_Radio 2\_Omni\_2T1S**

**Appendix C.17**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	16.97	17.27	20.13	24.99	31.14	36.00
5200MHz	Pass	11.01	21.29	20.85	24.09	24.99	35.10	36.00
5240MHz	Pass	11.01	21.09	20.65	23.89	24.99	34.90	36.00
5745MHz	Pass	11.01	19.53	19.84	22.70	24.99	33.71	36.00
5785MHz	Pass	11.01	21.14	21.54	24.35	24.99	35.36	36.00
5825MHz	Pass	11.01	21.24	21.54	24.40	24.99	35.41	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	15.15	14.83	18.00	24.99	29.01	36.00
5230MHz	Pass	11.01	19.47	19.02	22.26	24.99	33.27	36.00
5755MHz	Pass	11.01	20.81	20.59	23.71	24.99	34.72	36.00
5795MHz	Pass	11.01	21.08	21.22	24.16	24.99	35.17	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	14.48	14.52	17.51	24.99	28.52	36.00
5775MHz	Pass	11.01	17.03	18.16	20.64	24.99	31.65	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	11.01	17.33	17.41	20.38	24.99	31.39	36.00
5200MHz	Pass	11.01	21.26	21.37	24.33	24.99	35.34	36.00
5240MHz	Pass	11.01	21.36	21.30	24.34	24.99	35.35	36.00
5745MHz	Pass	11.01	19.84	20.30	23.09	24.99	34.10	36.00
5785MHz	Pass	11.01	21.10	21.68	24.41	24.99	35.42	36.00
5825MHz	Pass	11.01	21.06	21.84	24.48	24.99	35.49	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	11.01	15.40	15.19	18.31	24.99	29.32	36.00
5230MHz	Pass	11.01	19.50	19.03	22.28	24.99	33.29	36.00
5755MHz	Pass	11.01	20.70	20.89	23.81	24.99	34.82	36.00
5795MHz	Pass	11.01	21.25	21.12	24.20	24.99	35.21	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	11.01	14.47	14.66	17.58	24.99	28.59	36.00
5775MHz	Pass	11.01	17.25	18.00	20.65	24.99	31.66	36.00

**DG** = Directional Gain; **Port X** = Port X output power



**Summary**

Mode	Total Power (dBm)	Total Power (W)	EIRP (dBm)	EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.35	0.13646	35.06	3.20627
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.52	0.14191	35.23	3.33426
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	16.23	0.04198	29.94	0.98628
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.59	0.14421	35.30	3.38844
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.60	0.14454	35.31	3.39625
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	16.59	0.04560	30.30	1.07152
5.725-5.85GHz	-	-	-	-
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	21.06	0.12764	34.77	2.99916
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	21.64	0.14588	35.35	3.42768
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	19.22	0.08356	32.93	1.96336
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	21.74	0.14928	35.45	3.50752
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	21.75	0.14962	35.46	3.51560
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	19.70	0.09333	33.41	2.19280



**Average Power  
Beamforming Indoor\_Sample 2\_Radio 2\_Panel 1\_2T1S**

**Appendix C.18**

**Result**

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP (dBm)	EIRP Limit (dBm)
802.11ac VHT20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	16.78	15.94	19.39	22.29	33.10	36.00
5200MHz	Pass	13.71	18.45	17.84	21.17	22.29	34.88	36.00
5240MHz	Pass	13.71	18.69	17.96	21.35	22.29	35.06	36.00
5745MHz	Pass	13.71	17.84	18.21	21.04	22.29	34.75	36.00
5785MHz	Pass	13.71	17.94	18.15	21.06	22.29	34.77	36.00
5825MHz	Pass	13.71	17.30	17.47	20.40	22.29	34.11	36.00
802.11ac VHT40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	15.02	13.96	17.53	22.29	31.24	36.00
5230MHz	Pass	13.71	18.91	18.06	21.52	22.29	35.23	36.00
5755MHz	Pass	13.71	18.25	18.04	21.16	22.29	34.87	36.00
5795MHz	Pass	13.71	18.53	18.72	21.64	22.29	35.35	36.00
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	13.52	12.89	16.23	22.29	29.94	36.00
5775MHz	Pass	13.71	16.18	16.23	19.22	22.29	32.93	36.00
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz	Pass	13.71	17.25	16.29	19.81	22.29	33.52	36.00
5200MHz	Pass	13.71	18.87	18.26	21.59	22.29	35.30	36.00
5240MHz	Pass	13.71	18.90	18.16	21.56	22.29	35.27	36.00
5745MHz	Pass	13.71	18.39	18.75	21.58	22.29	35.29	36.00
5785MHz	Pass	13.71	18.57	18.88	21.74	22.29	35.45	36.00
5825MHz	Pass	13.71	18.52	18.68	21.61	22.29	35.32	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz	Pass	13.71	15.03	14.05	17.58	22.29	31.29	36.00
5230MHz	Pass	13.71	19.03	18.11	21.60	22.29	35.31	36.00
5755MHz	Pass	13.71	18.79	18.66	21.74	22.29	35.45	36.00
5795MHz	Pass	13.71	18.77	18.70	21.75	22.29	35.46	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz	Pass	13.71	14.04	13.06	16.59	22.29	30.30	36.00
5775MHz	Pass	13.71	16.83	16.55	19.70	22.29	33.41	36.00

**DG** = Directional Gain; **Port X** = Port X output power



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	11.15	15.95
802.11ac VHT20_Nss1,(MCS0)_1TX	10.43	15.23
802.11ac VHT40_Nss1,(MCS0)_1TX	6.35	11.15
802.11ac VHT80_Nss1,(MCS0)_1TX	-1.84	2.96
802.11ax HEW20_Nss1,(MCS0)_1TX	10.42	15.22
802.11ax HEW40_Nss1,(MCS0)_1TX	6.30	11.10
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.50	3.30
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.25	14.05
802.11ac VHT20_Nss1,(MCS0)_1TX	8.86	13.66
802.11ac VHT40_Nss1,(MCS0)_1TX	6.35	11.15
802.11ac VHT80_Nss1,(MCS0)_1TX	1.87	6.67
802.11ax HEW20_Nss1,(MCS0)_1TX	8.65	13.45
802.11ax HEW40_Nss1,(MCS0)_1TX	6.27	11.07
802.11ax HEW80_Nss1,(MCS0)_1TX	2.08	6.88

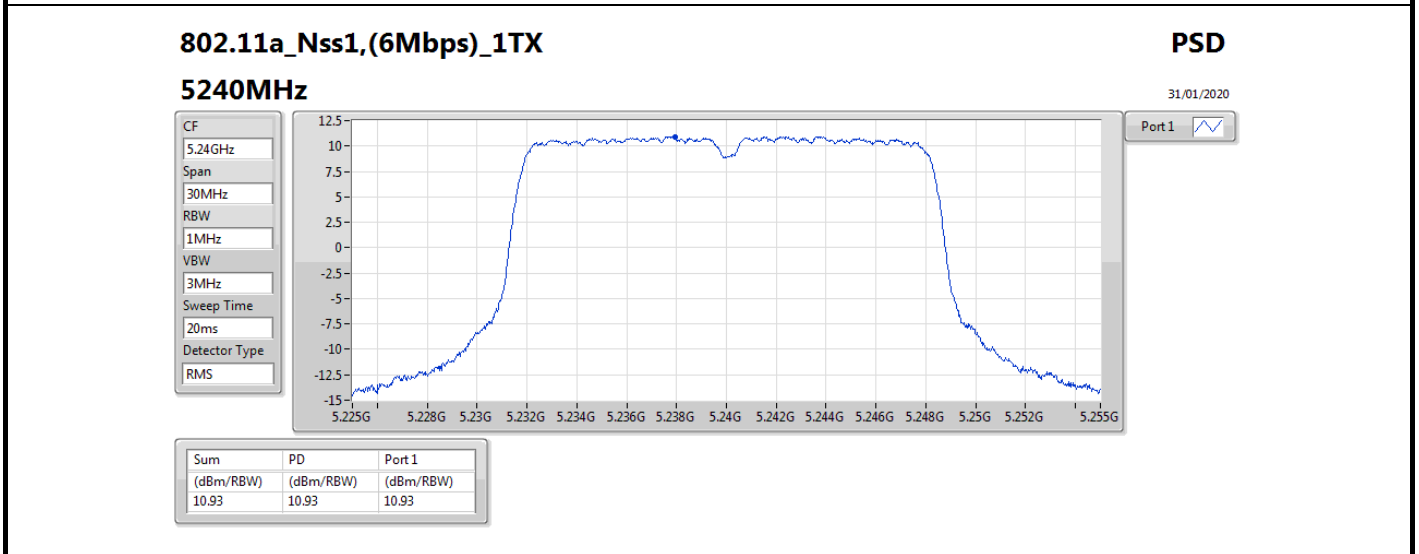
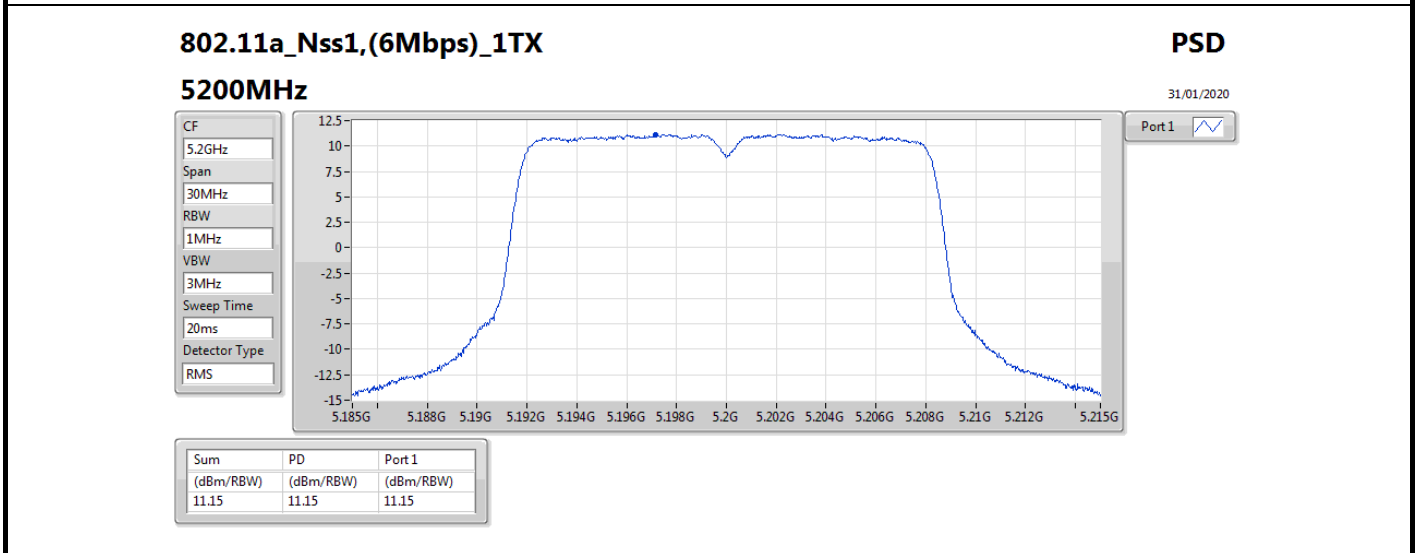
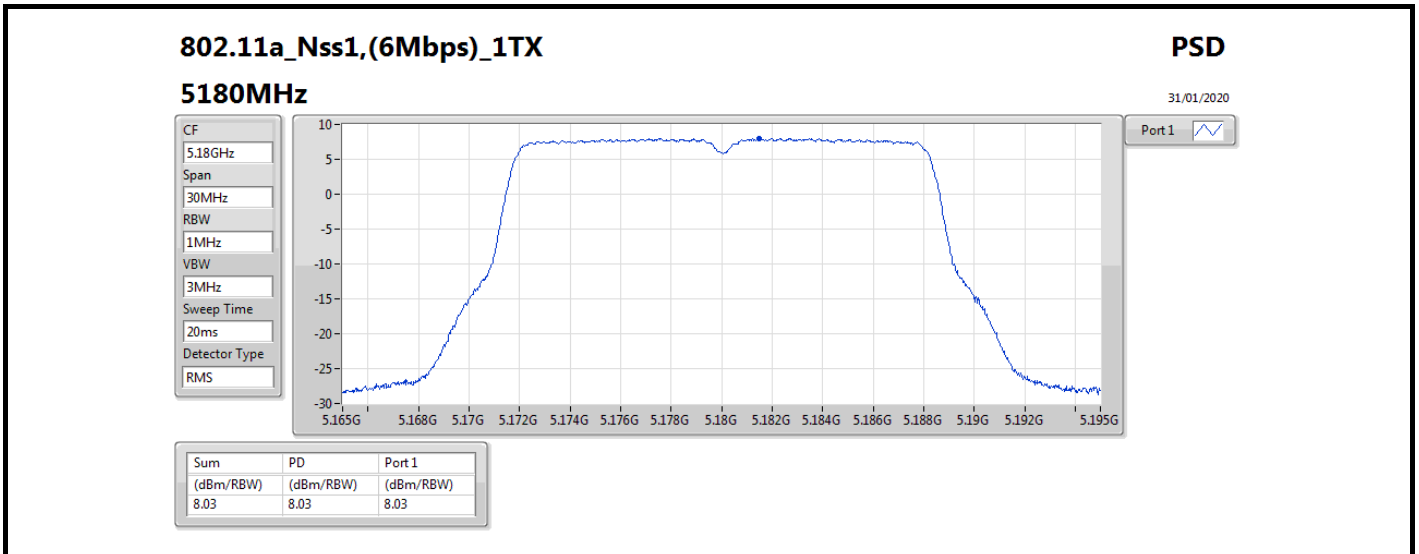
RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;



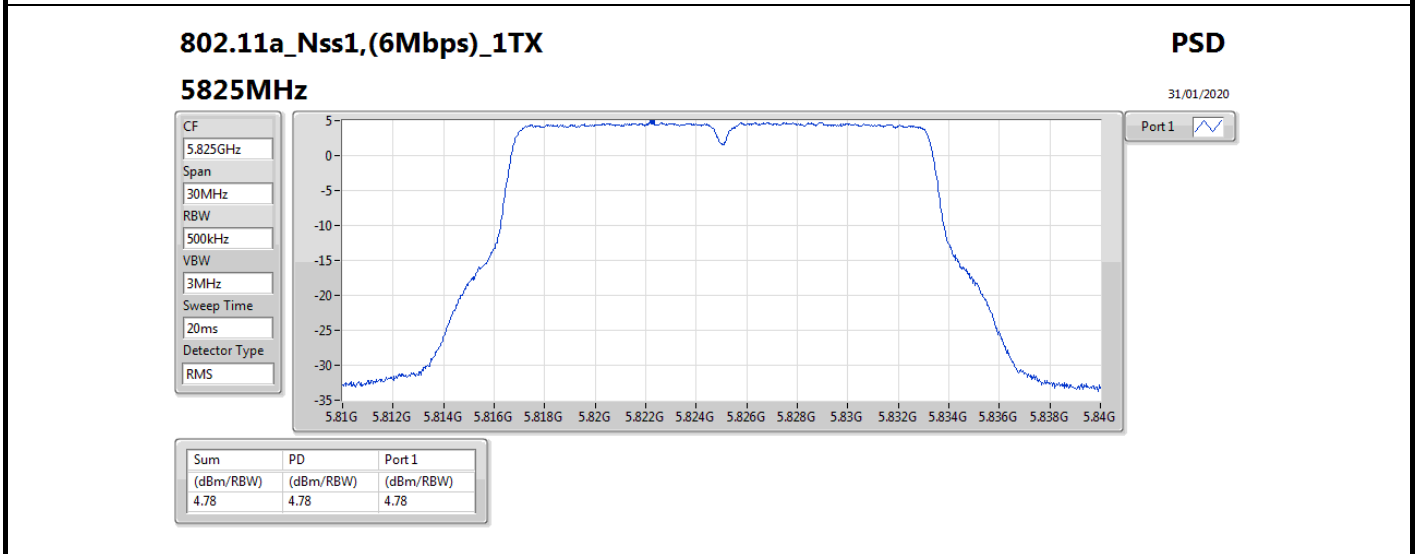
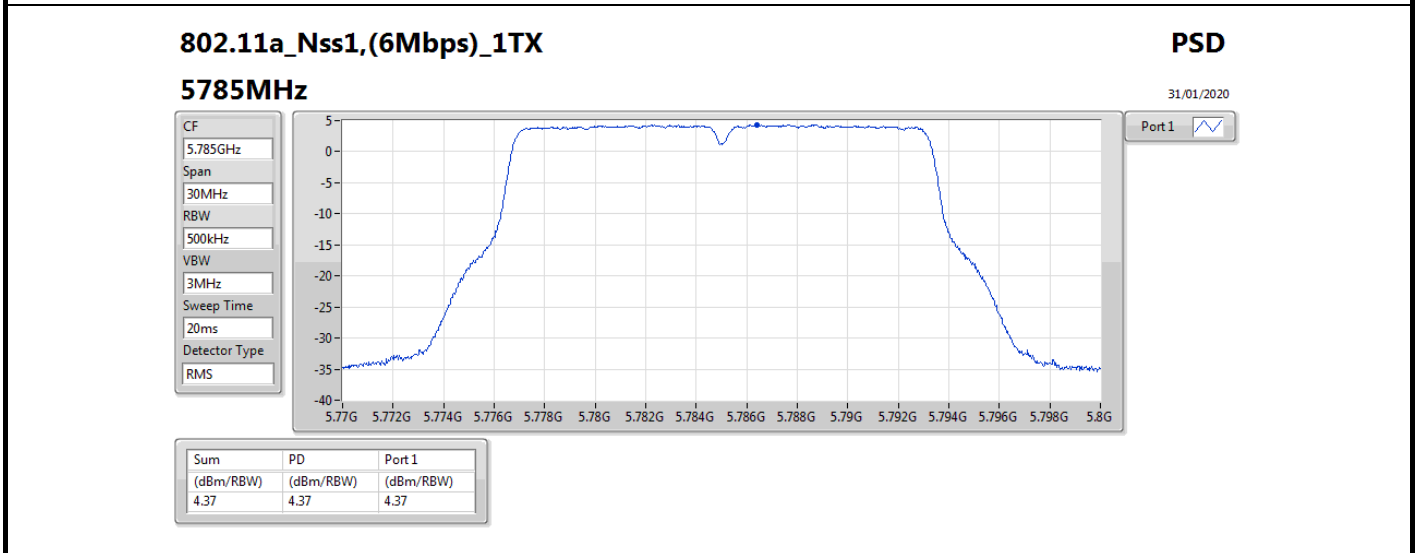
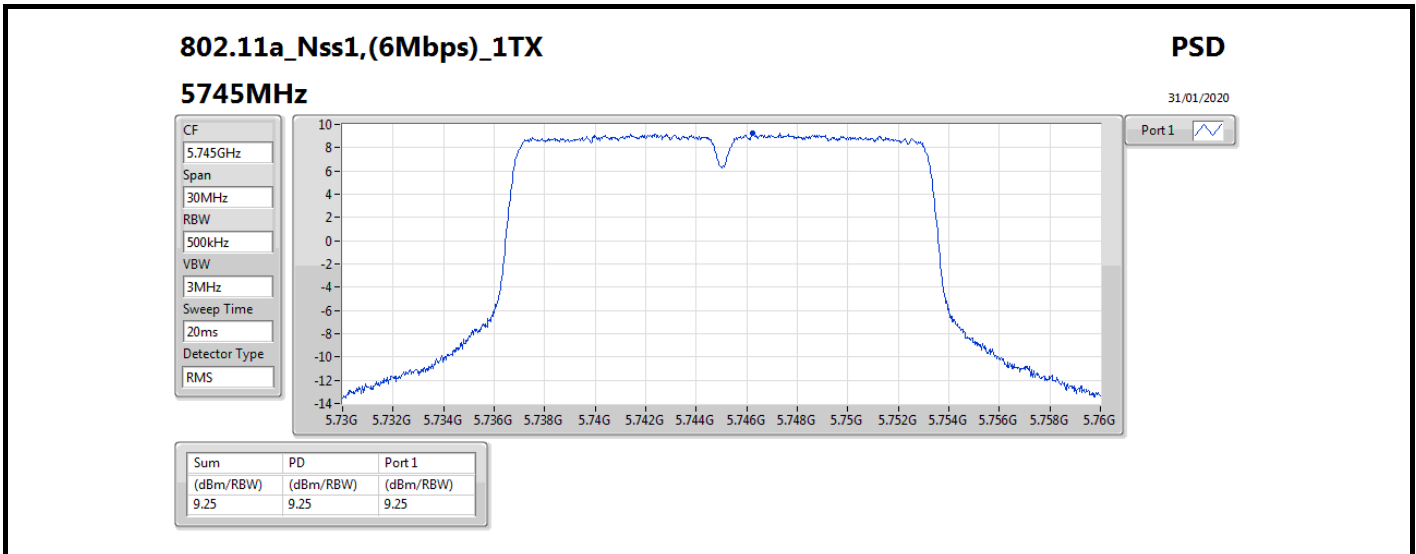
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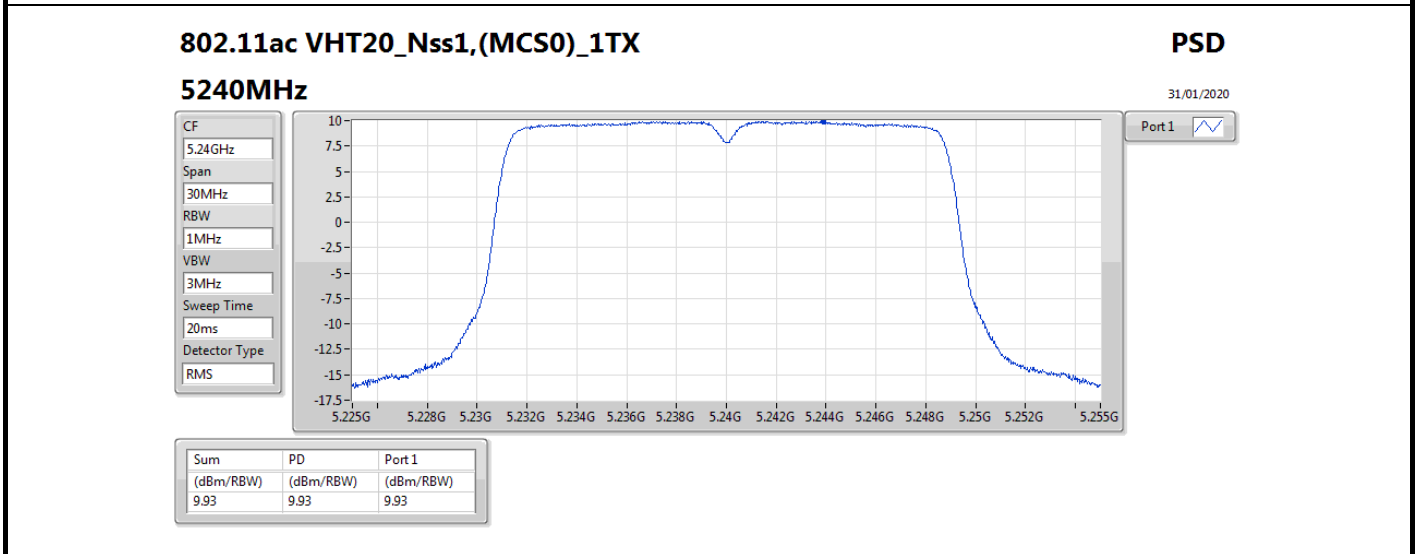
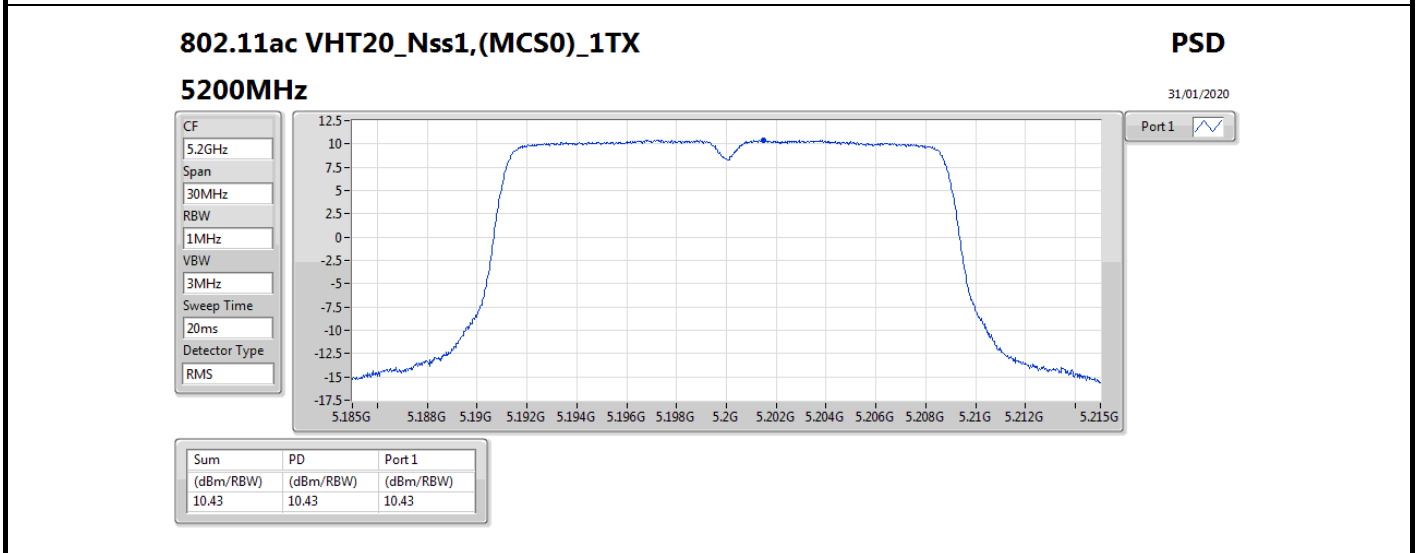
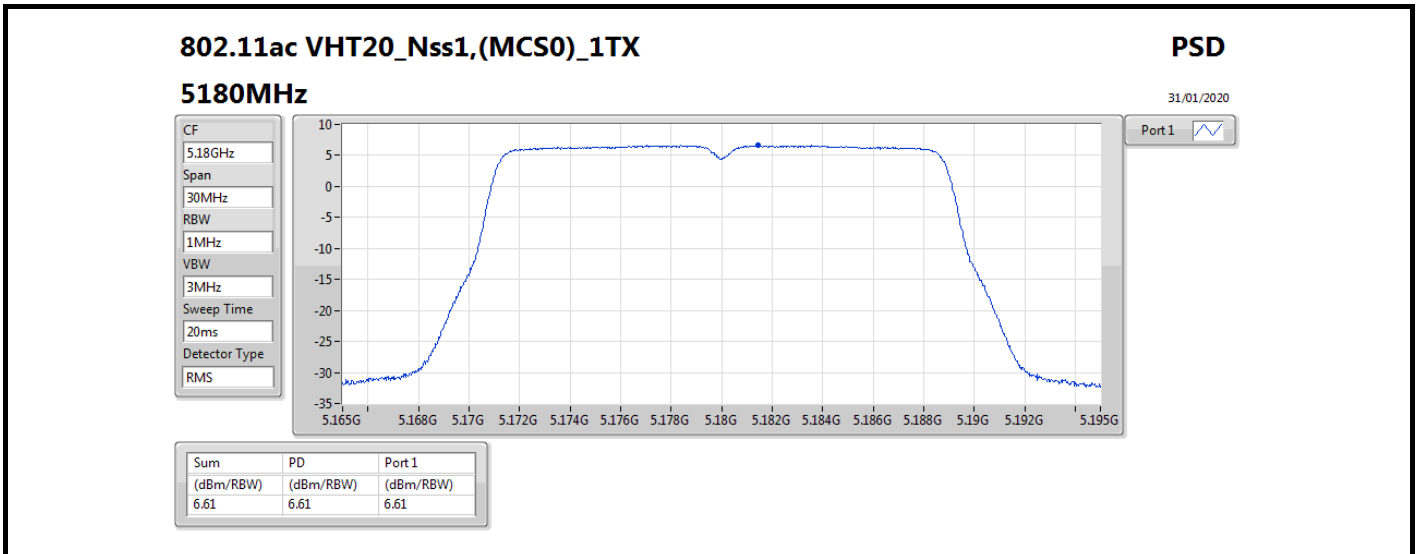
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.80	8.03	8.03	17.00	12.83	23.00
5200MHz_TnomVnom	Pass	4.80	11.15	11.15	17.00	15.95	23.00
5240MHz_TnomVnom	Pass	4.80	10.93	10.93	17.00	15.73	23.00
5745MHz_TnomVnom	Pass	4.80	9.25	9.25	30.00	14.05	36.00
5785MHz_TnomVnom	Pass	4.80	4.37	4.37	30.00	9.17	36.00
5825MHz_TnomVnom	Pass	4.80	4.78	4.78	30.00	9.58	36.00
802.11ac_VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.80	6.61	6.61	17.00	11.41	23.00
5200MHz_TnomVnom	Pass	4.80	10.43	10.43	17.00	15.23	23.00
5240MHz_TnomVnom	Pass	4.80	9.93	9.93	17.00	14.73	23.00
5745MHz_TnomVnom	Pass	4.80	8.86	8.86	30.00	13.66	36.00
5785MHz_TnomVnom	Pass	4.80	3.95	3.95	30.00	8.75	36.00
5825MHz_TnomVnom	Pass	4.80	3.54	3.54	30.00	8.34	36.00
802.11ac_VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	4.80	1.32	1.32	17.00	6.12	23.00
5230MHz_TnomVnom	Pass	4.80	6.35	6.35	17.00	11.15	23.00
5755MHz_TnomVnom	Pass	4.80	6.14	6.14	30.00	10.94	36.00
5795MHz_TnomVnom	Pass	4.80	6.35	6.35	30.00	11.15	36.00
802.11ac_VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	4.80	-1.84	-1.84	17.00	2.96	23.00
5775MHz_TnomVnom	Pass	4.80	1.87	1.87	30.00	6.67	36.00
802.11ax_HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.80	6.63	6.63	17.00	11.43	23.00
5200MHz_TnomVnom	Pass	4.80	10.42	10.42	17.00	15.22	23.00
5240MHz_TnomVnom	Pass	4.80	10.06	10.06	17.00	14.86	23.00
5745MHz_TnomVnom	Pass	4.80	8.65	8.65	30.00	13.45	36.00
5785MHz_TnomVnom	Pass	4.80	3.72	3.72	30.00	8.52	36.00
5825MHz_TnomVnom	Pass	4.80	3.38	3.38	30.00	8.18	36.00
802.11ax_HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	4.80	1.29	1.29	17.00	6.09	23.00
5230MHz_TnomVnom	Pass	4.80	6.30	6.30	17.00	11.10	23.00
5755MHz_TnomVnom	Pass	4.80	6.19	6.19	30.00	10.99	36.00
5795MHz_TnomVnom	Pass	4.80	6.27	6.27	30.00	11.07	36.00
802.11ax_HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	4.80	-1.50	-1.50	17.00	3.30	23.00
5775MHz_TnomVnom	Pass	4.80	2.08	2.08	30.00	6.88	36.00

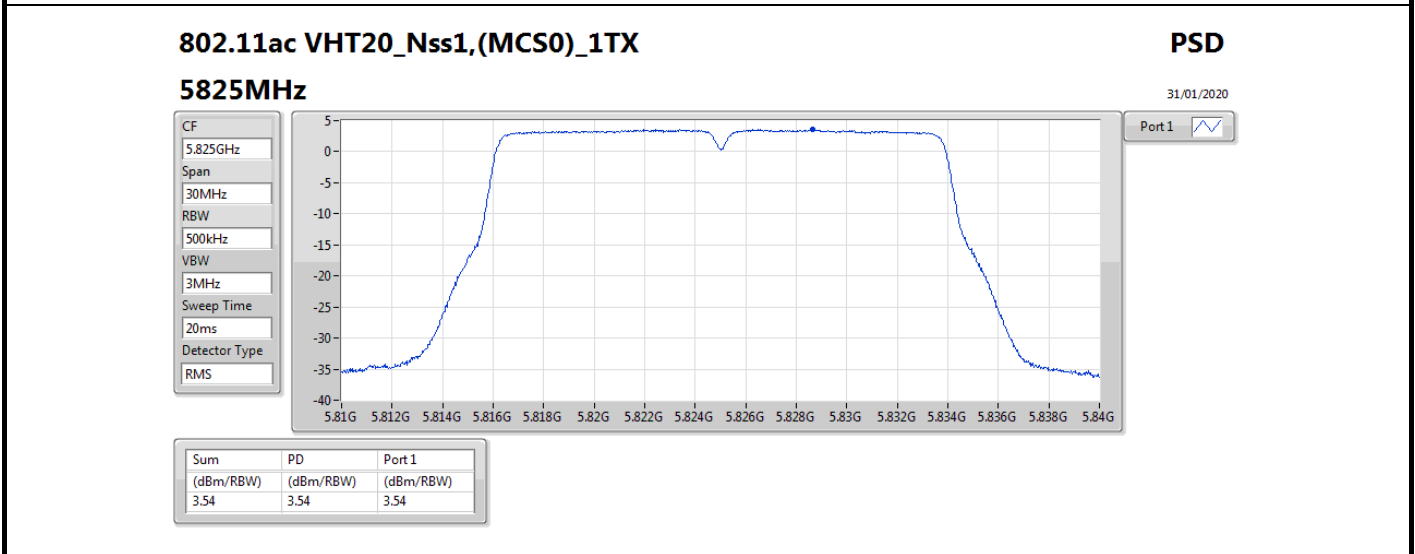
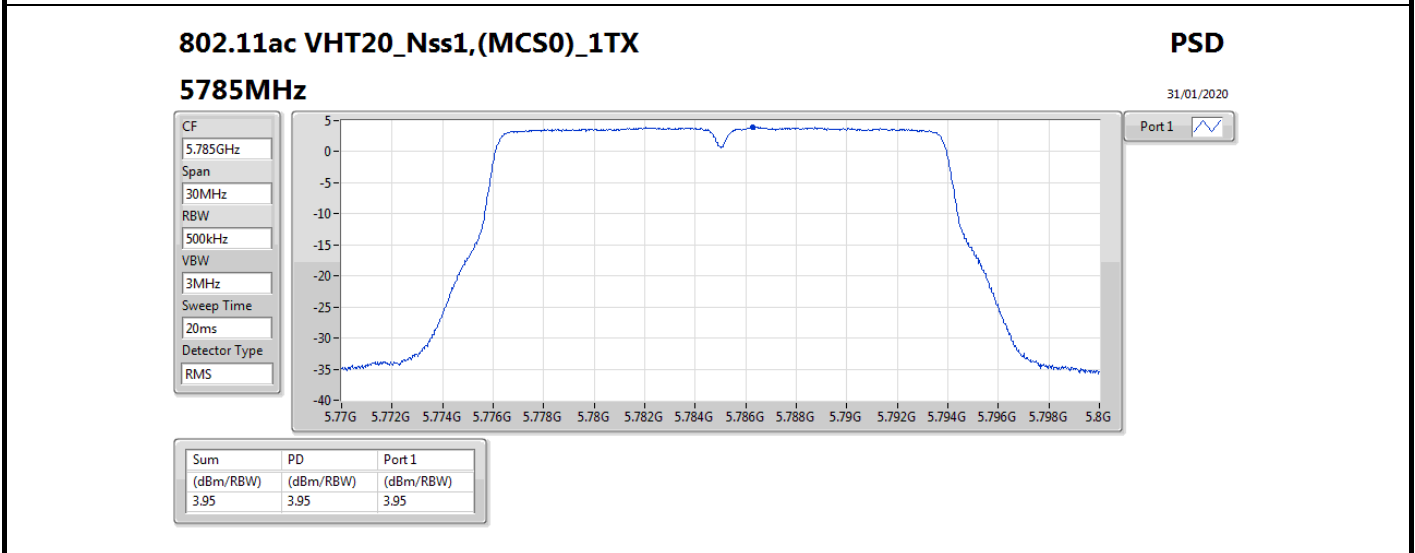
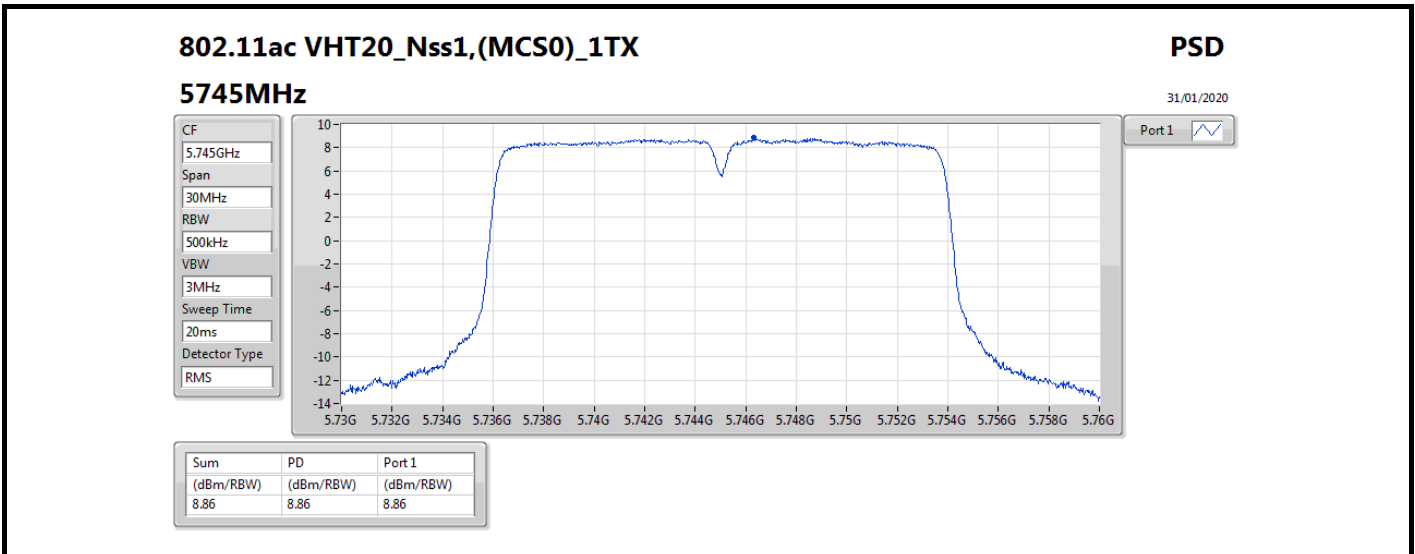
DG = Directional Gain; RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;  
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

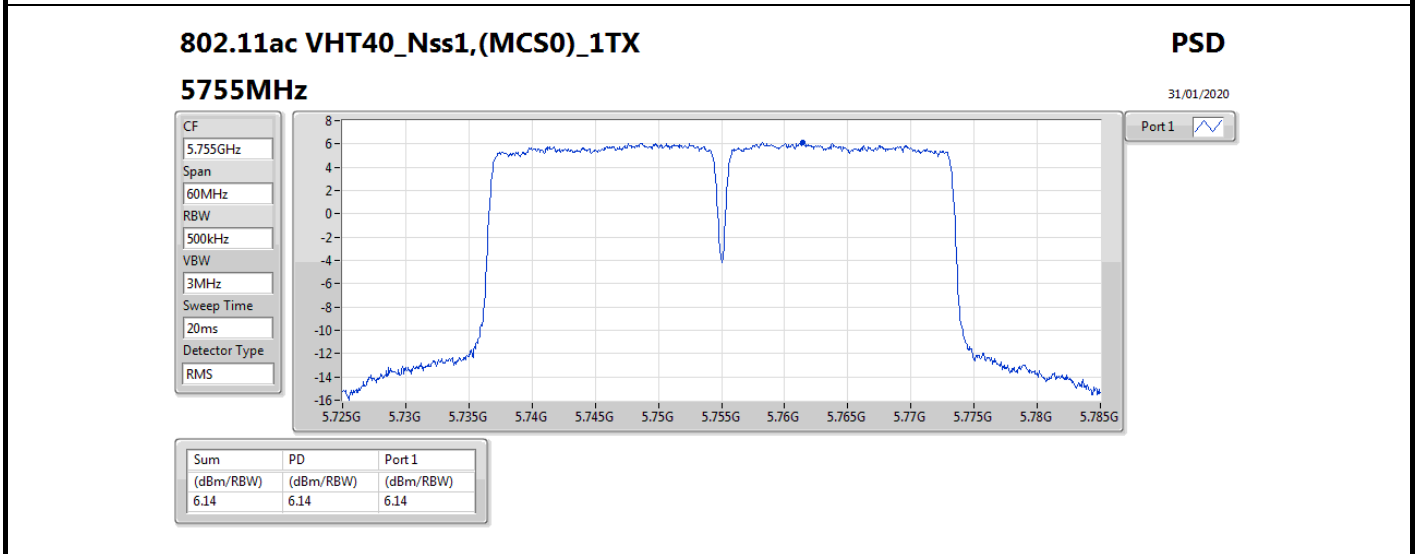
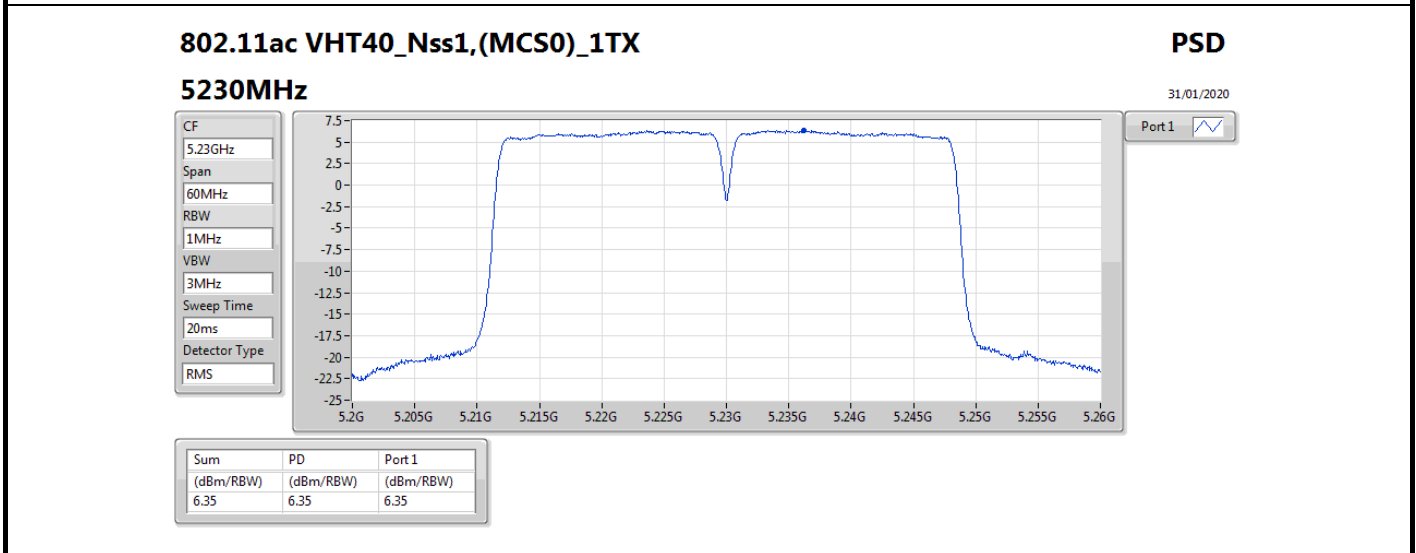
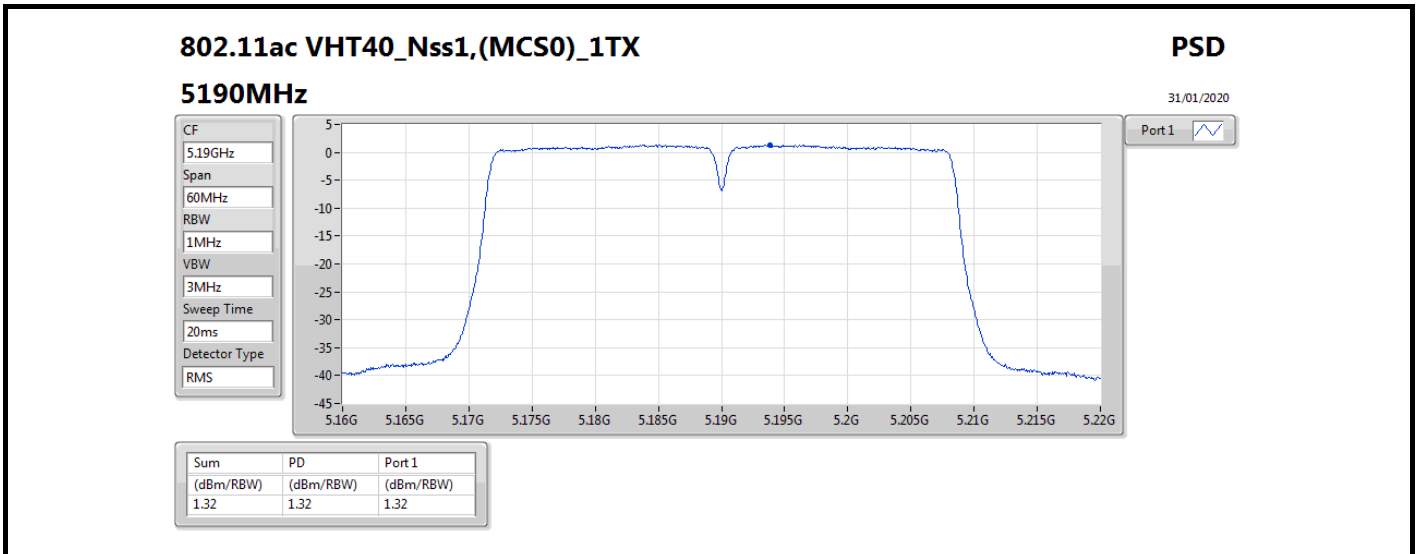


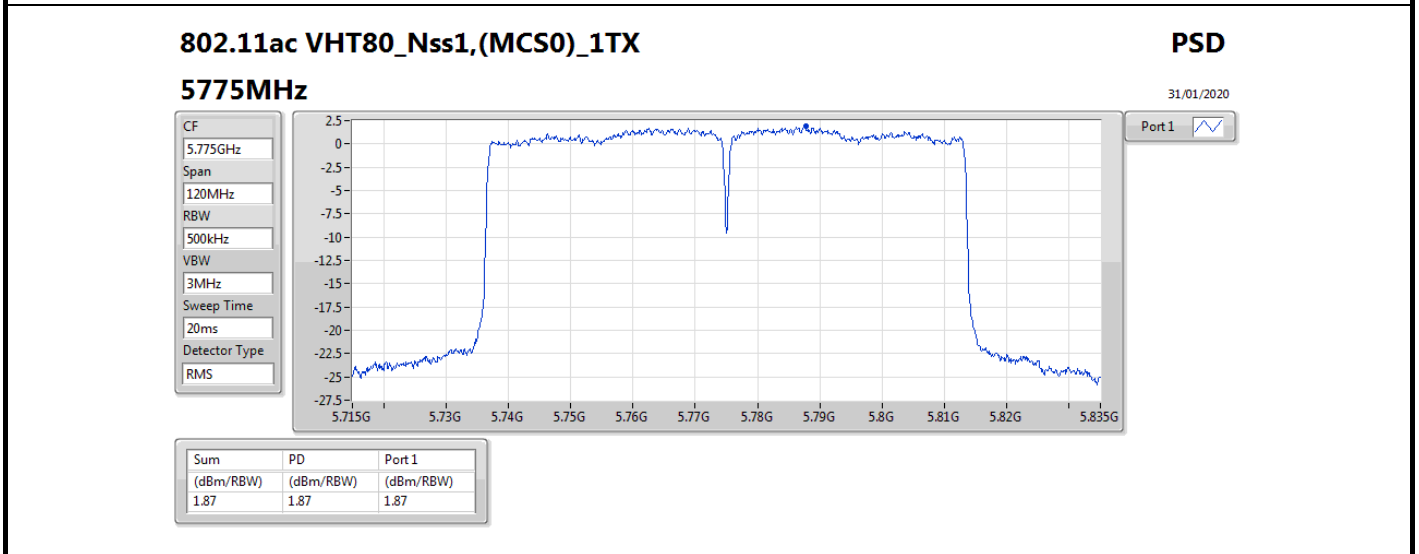
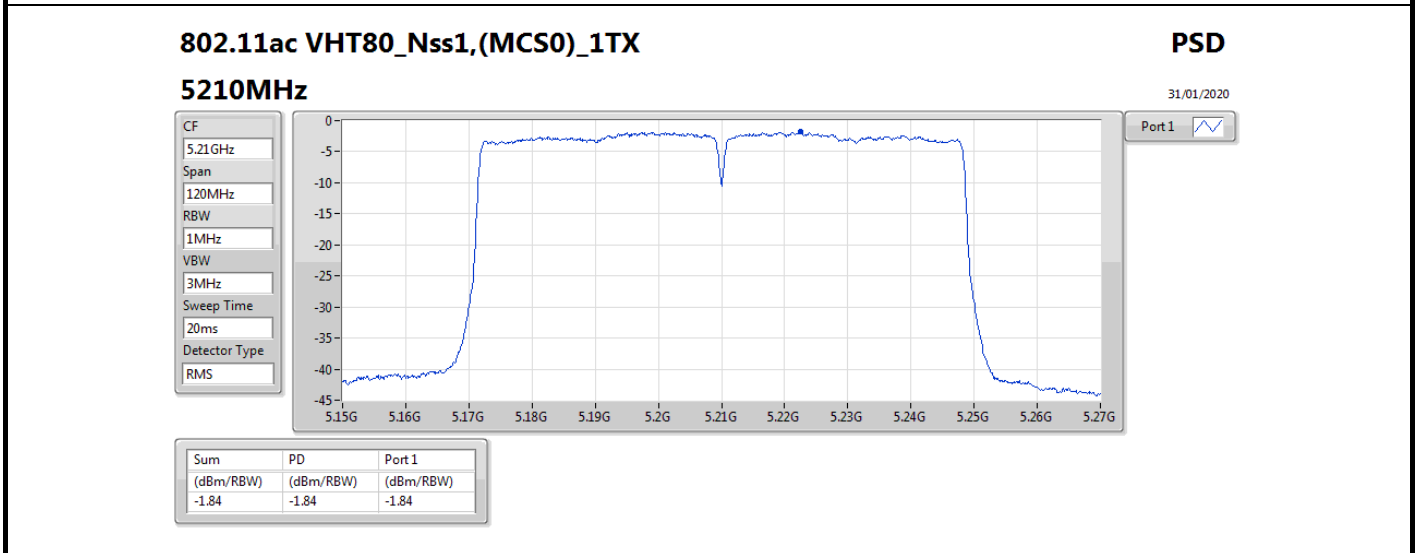
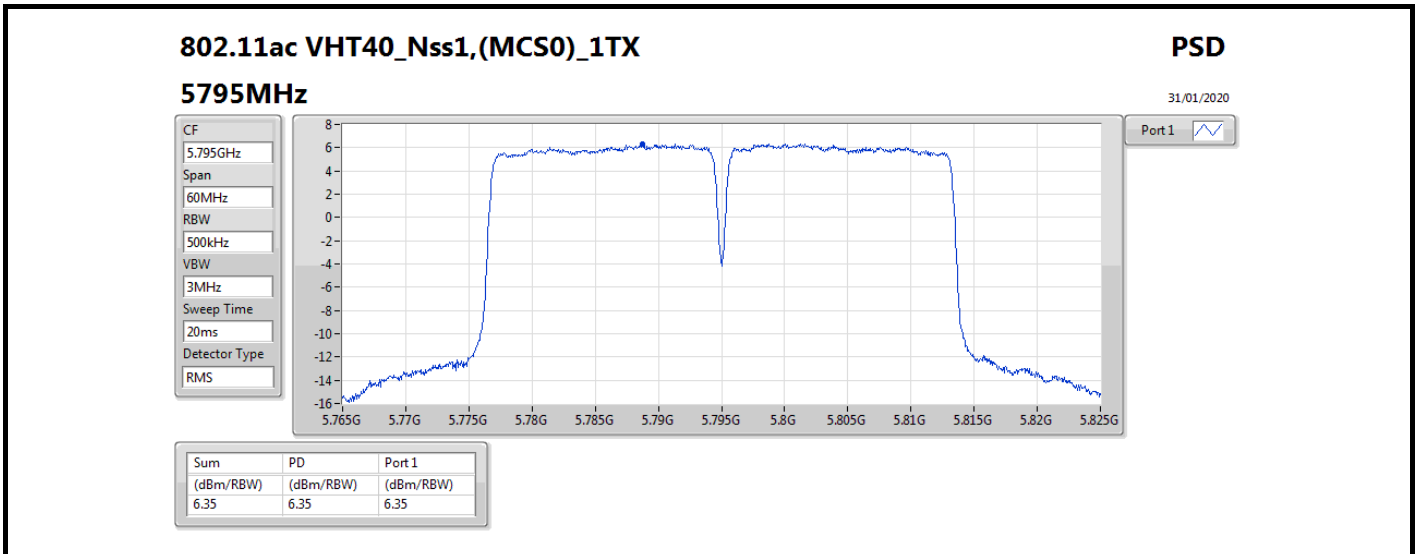


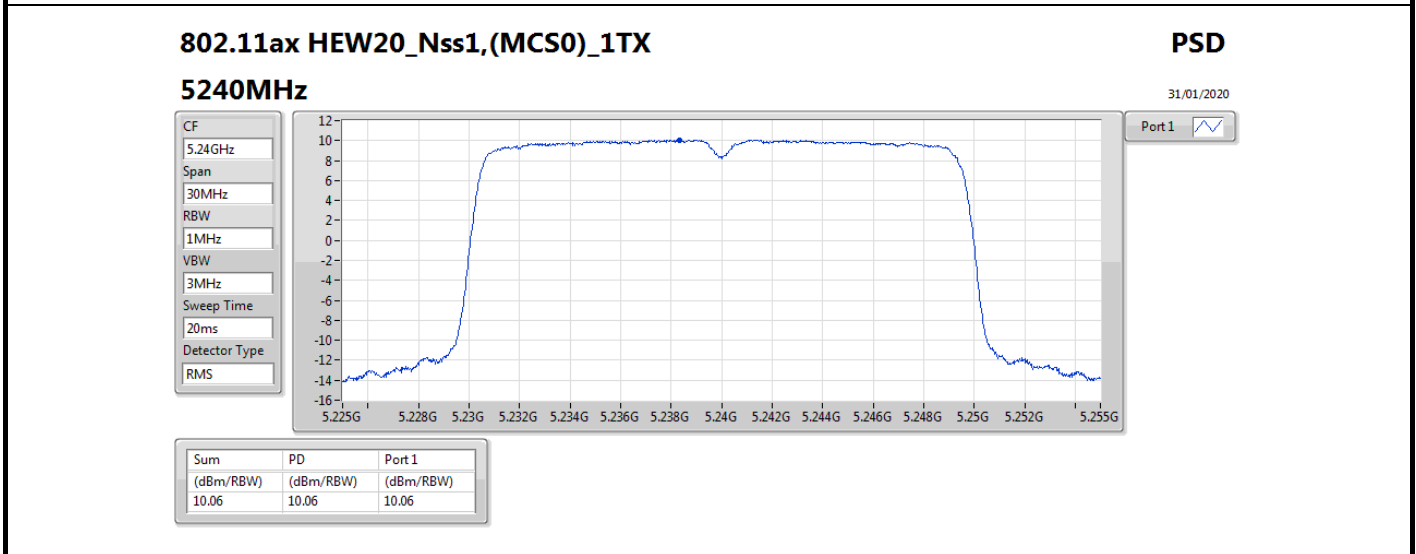
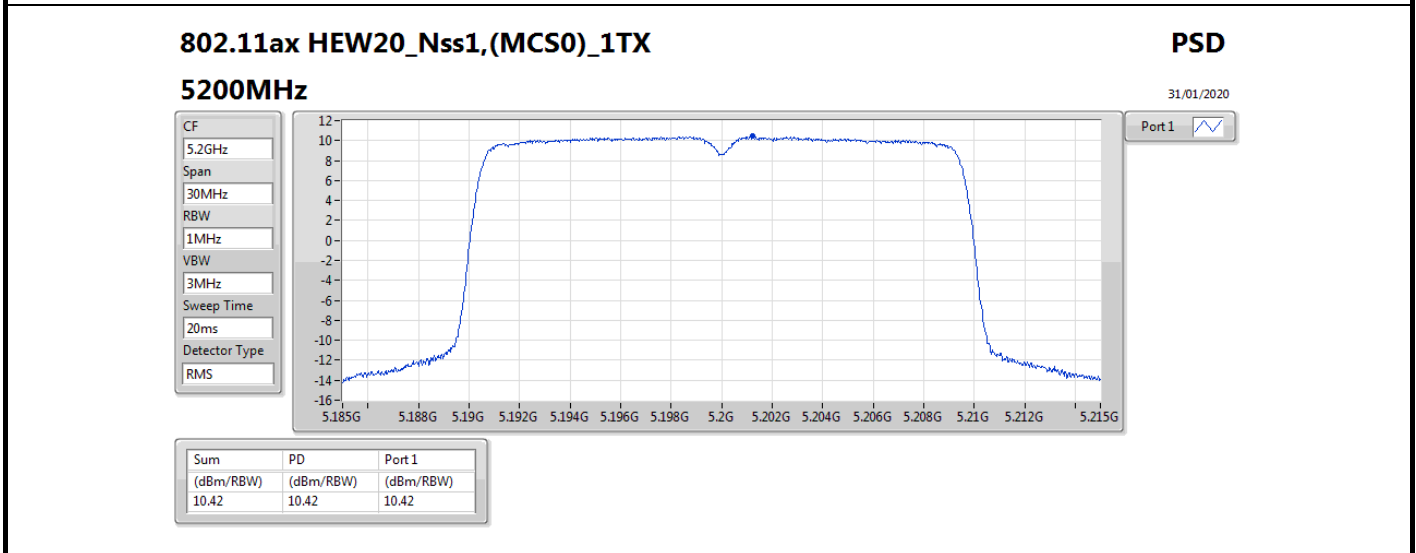
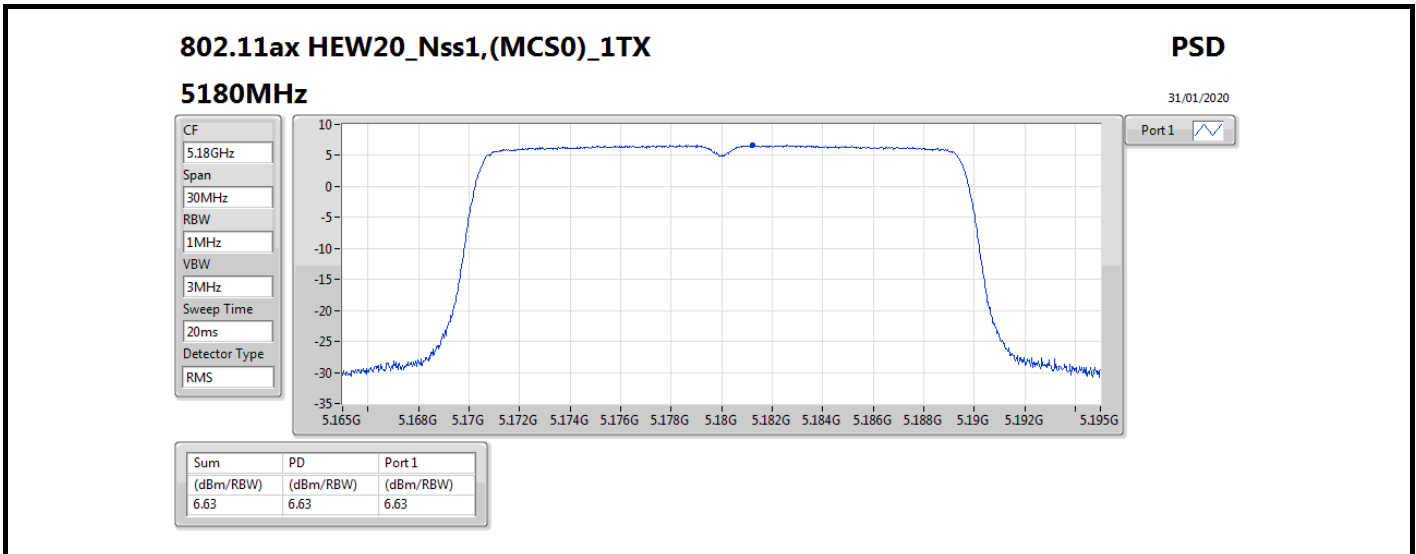


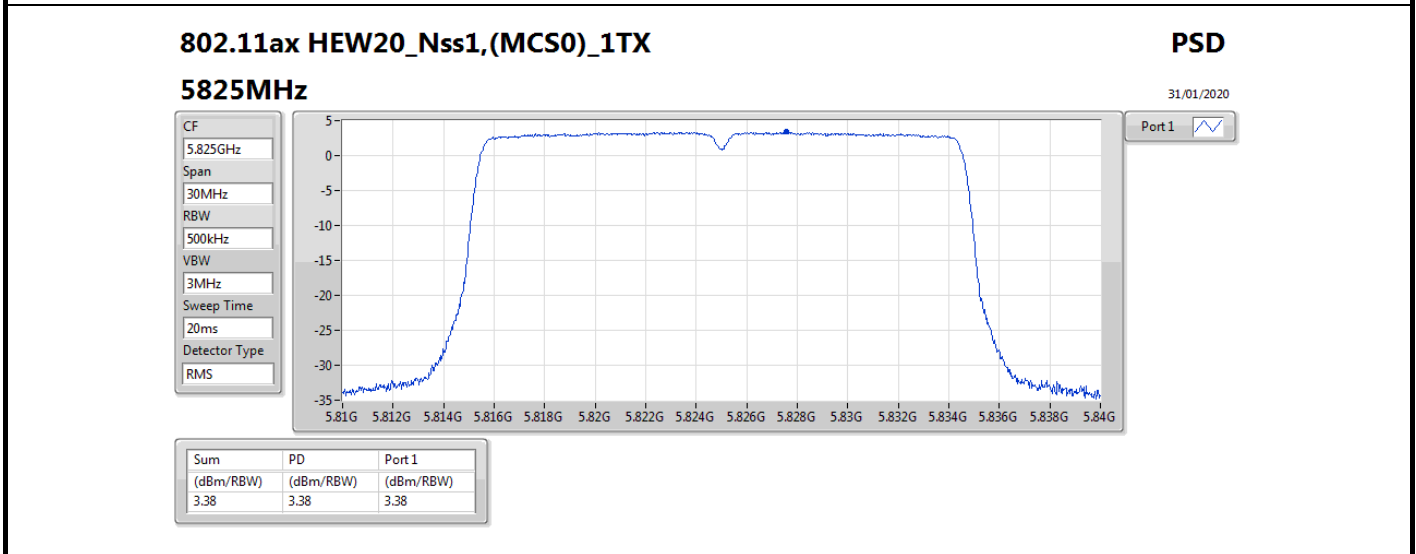
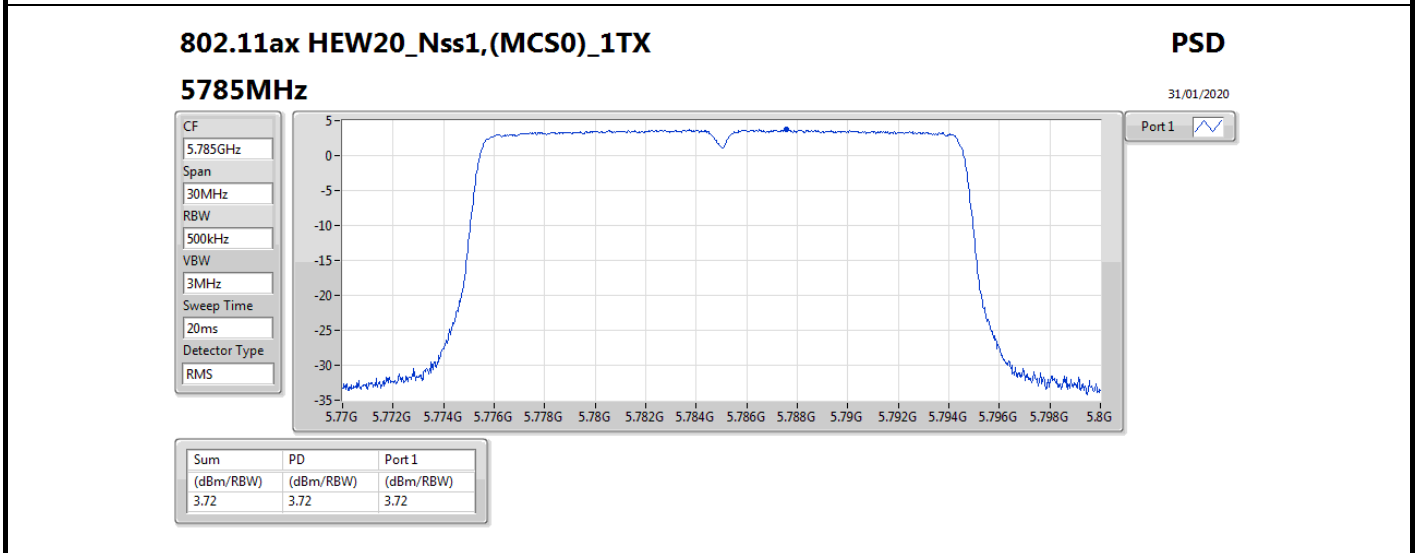
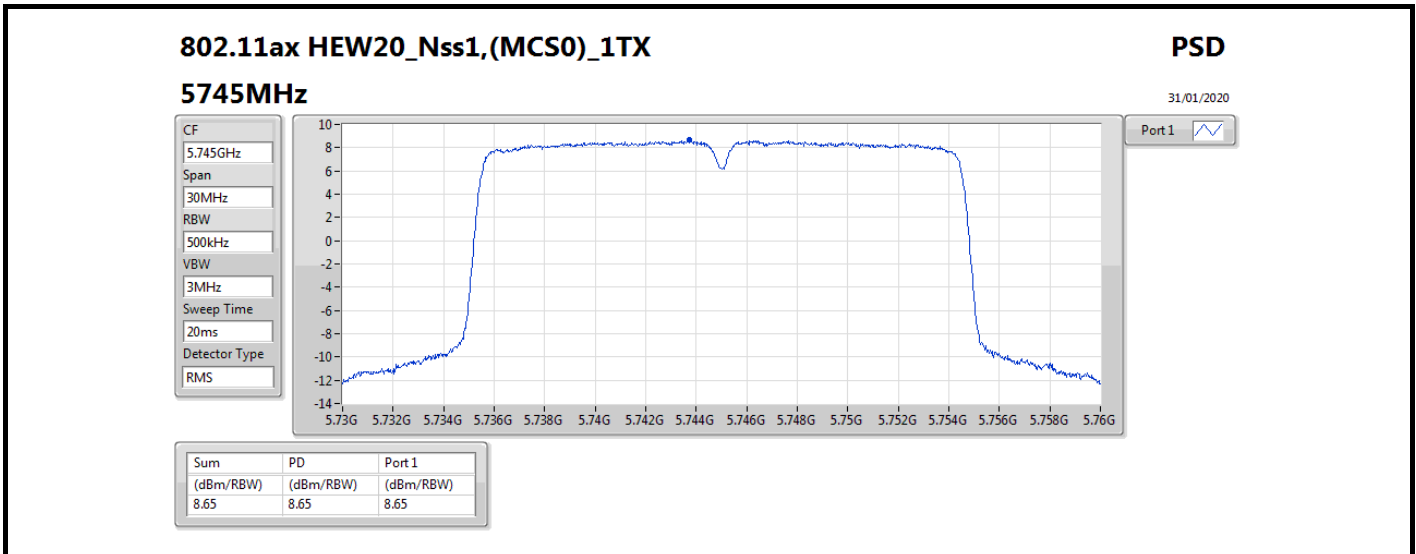


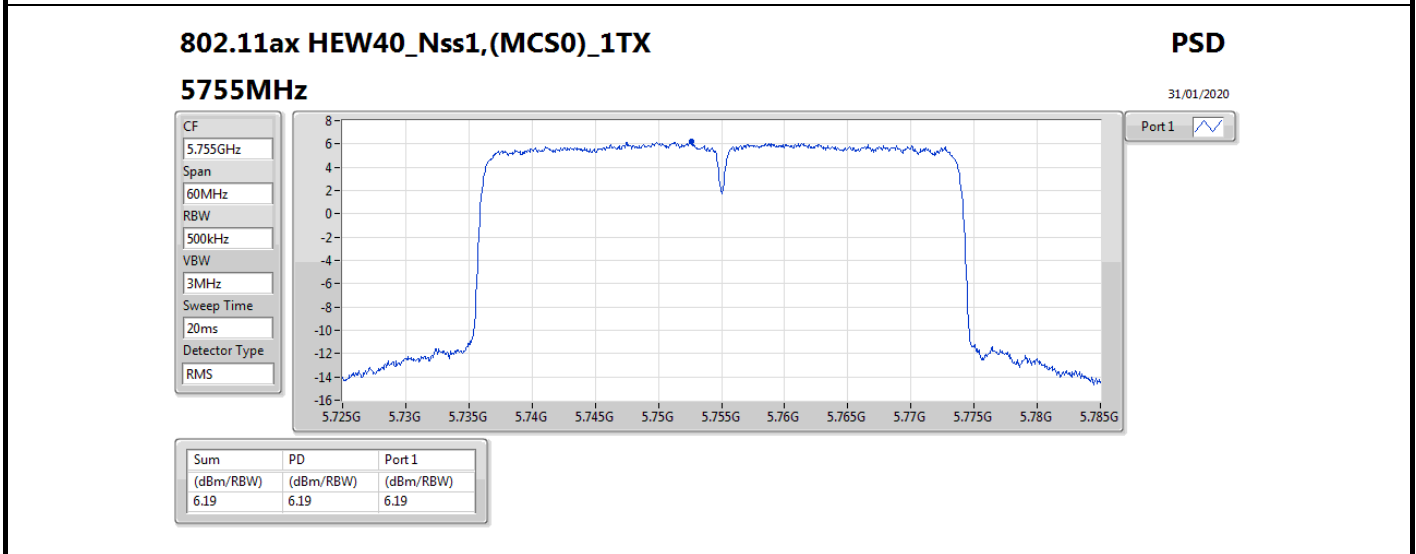
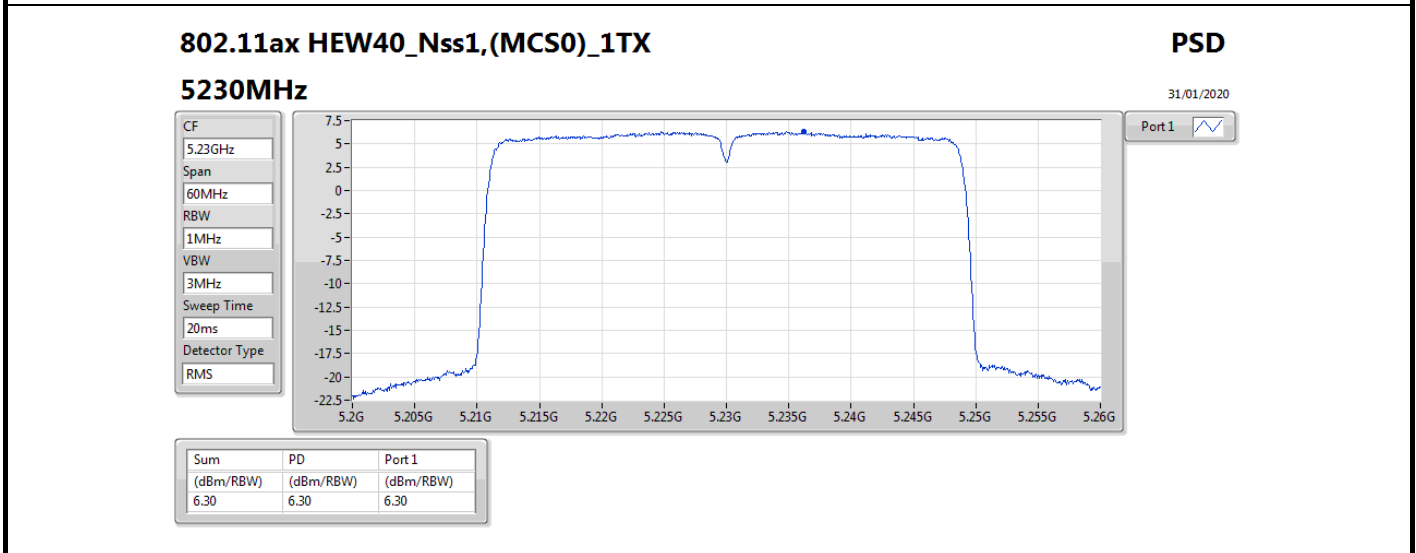
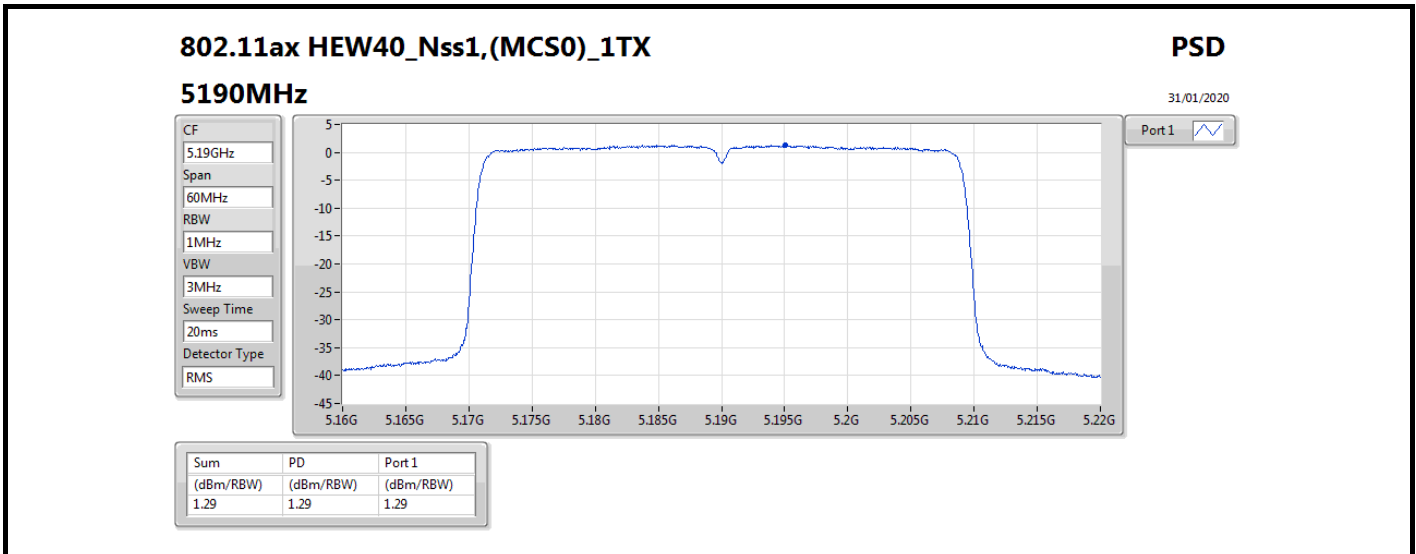




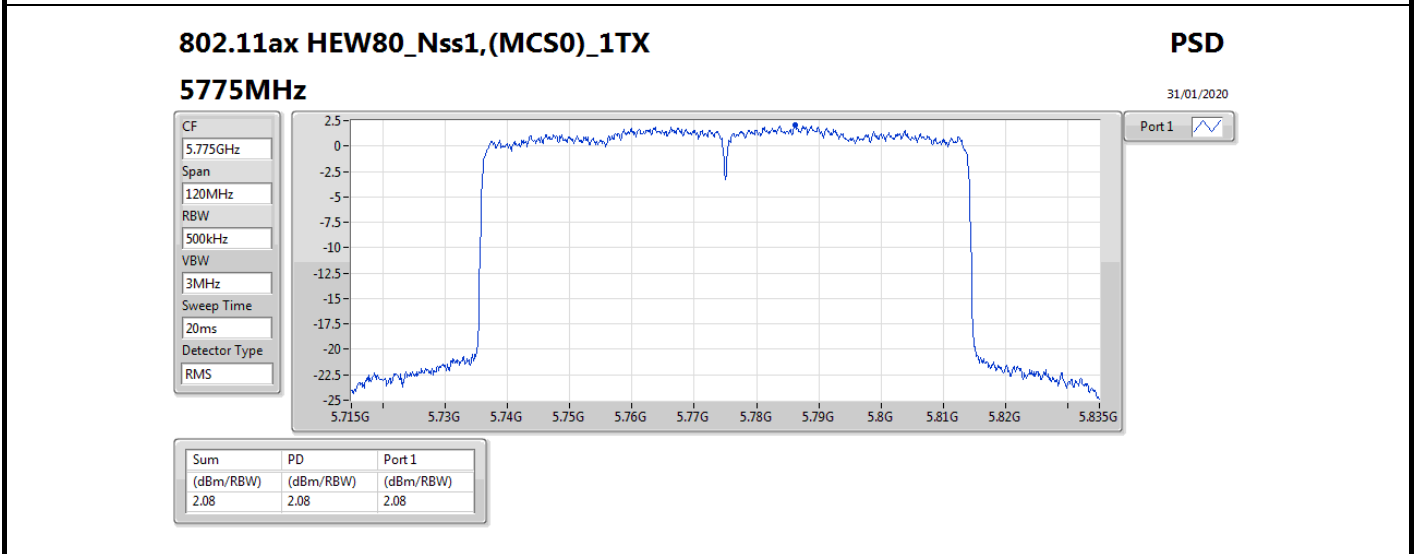
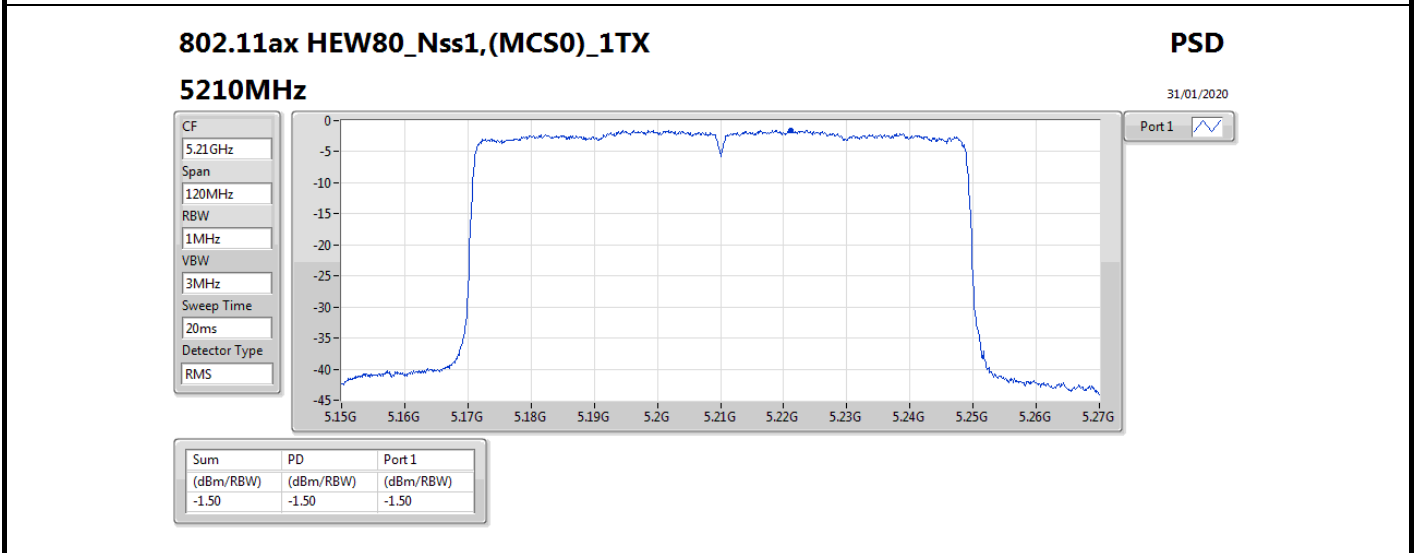
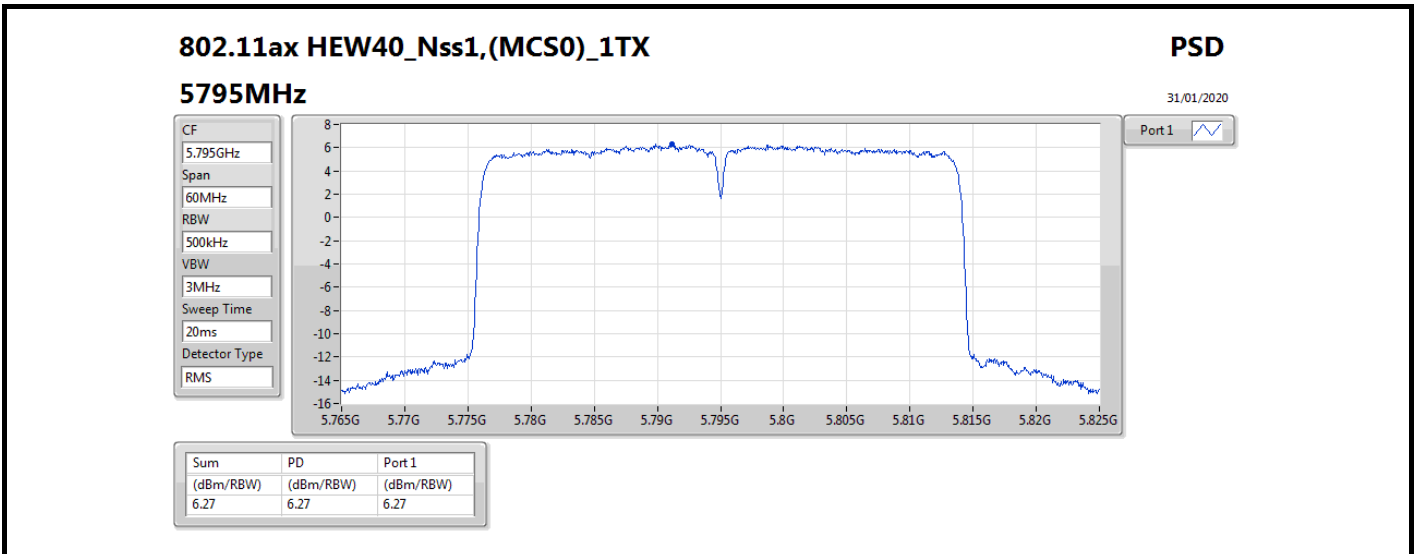














Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	12.69	20.65
802.11ac VHT20_Nss2,(MCS0)_2TX	12.05	17.00
802.11ac VHT40_Nss2,(MCS0)_2TX	7.10	12.05
802.11ac VHT80_Nss2,(MCS0)_2TX	-1.25	3.70
802.11ax HEW20_Nss2,(MCS0)_2TX	12.11	17.06
802.11ax HEW40_Nss2,(MCS0)_2TX	7.10	12.05
802.11ax HEW80_Nss2,(MCS0)_2TX	-1.19	3.76
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	7.99	15.95
802.11ac VHT20_Nss2,(MCS0)_2TX	5.94	10.89
802.11ac VHT40_Nss2,(MCS0)_2TX	4.89	9.84
802.11ac VHT80_Nss2,(MCS0)_2TX	2.02	6.97
802.11ax HEW20_Nss2,(MCS0)_2TX	6.10	11.05
802.11ax HEW40_Nss2,(MCS0)_2TX	5.15	10.10
802.11ax HEW80_Nss2,(MCS0)_2TX	2.45	7.40

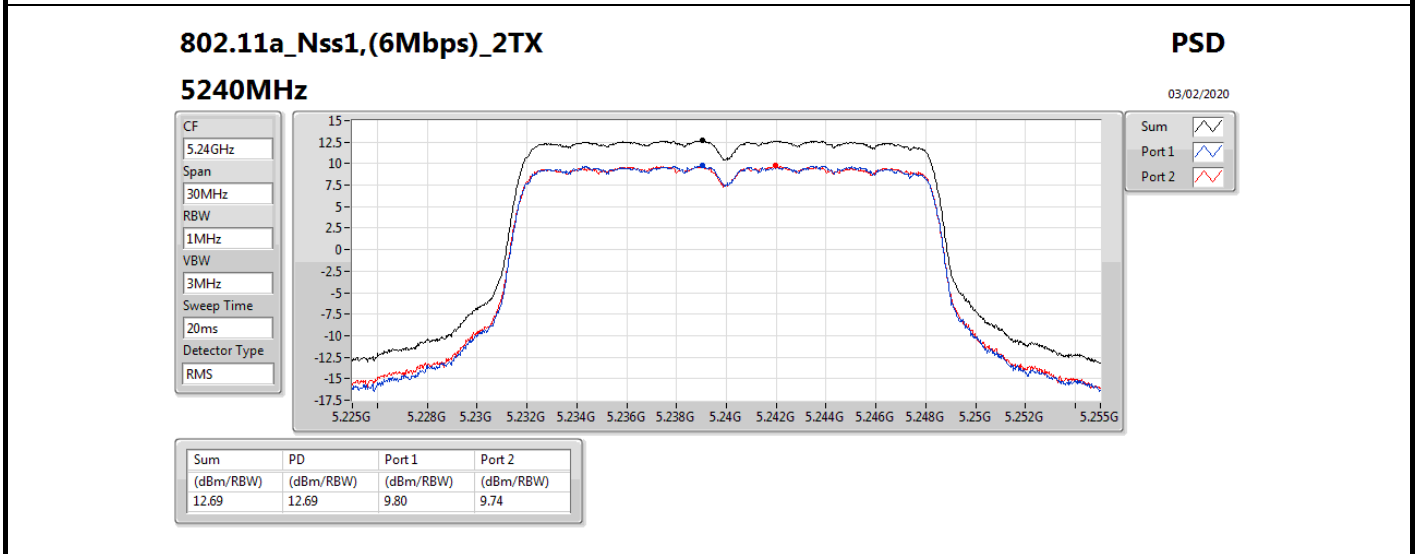
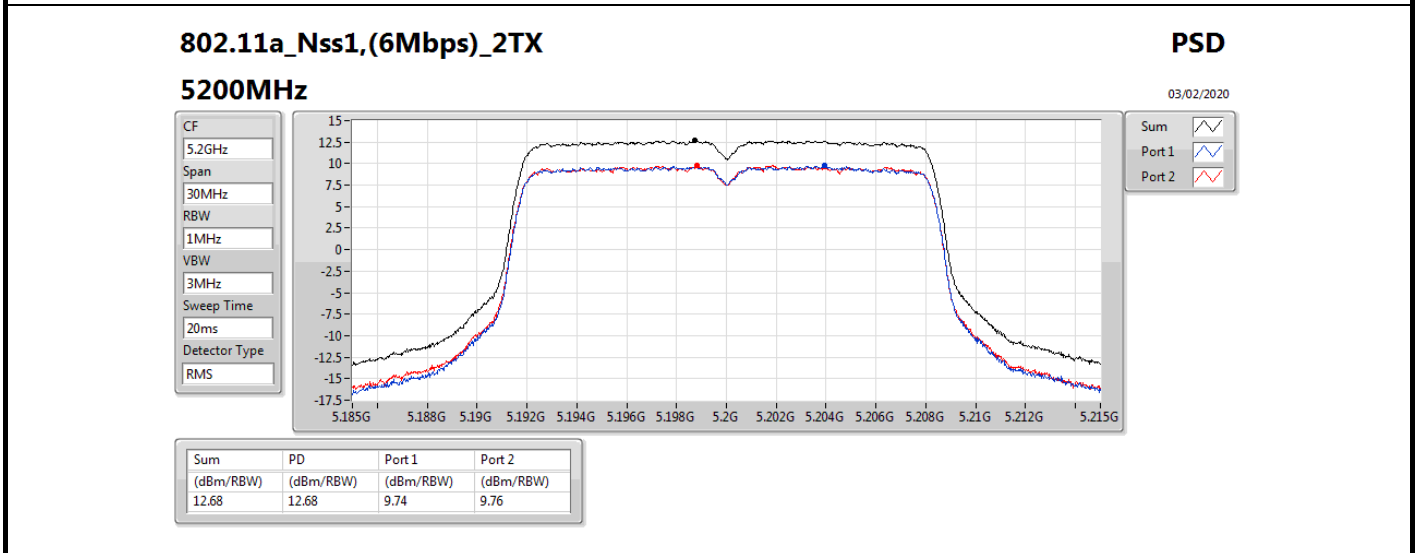
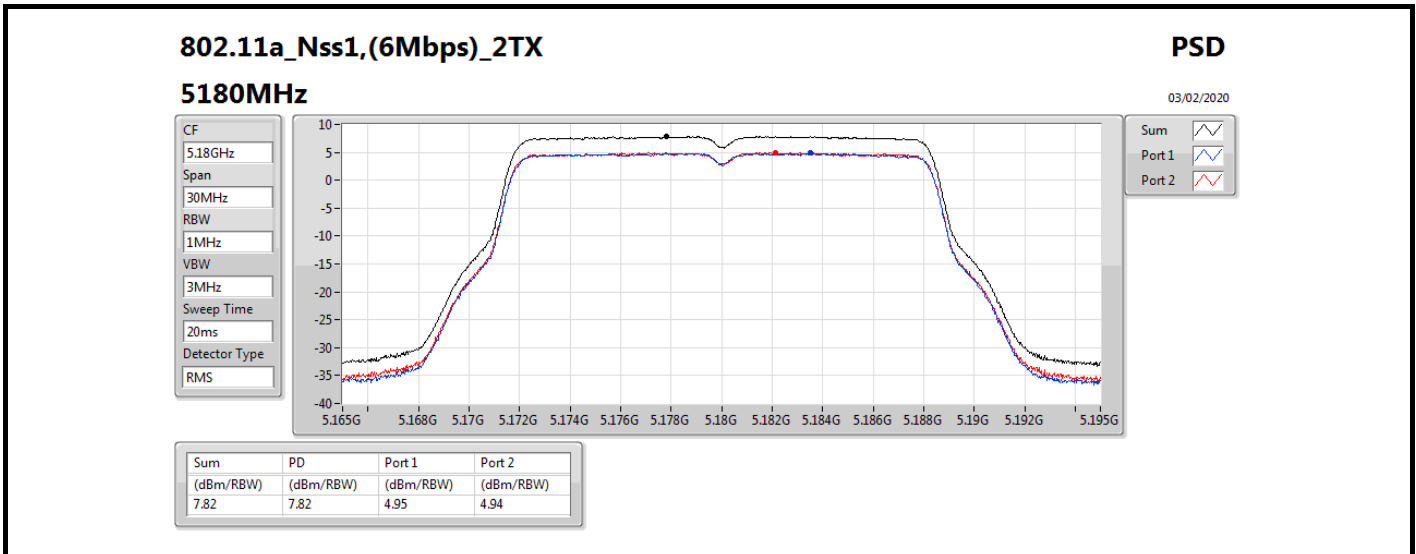
RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

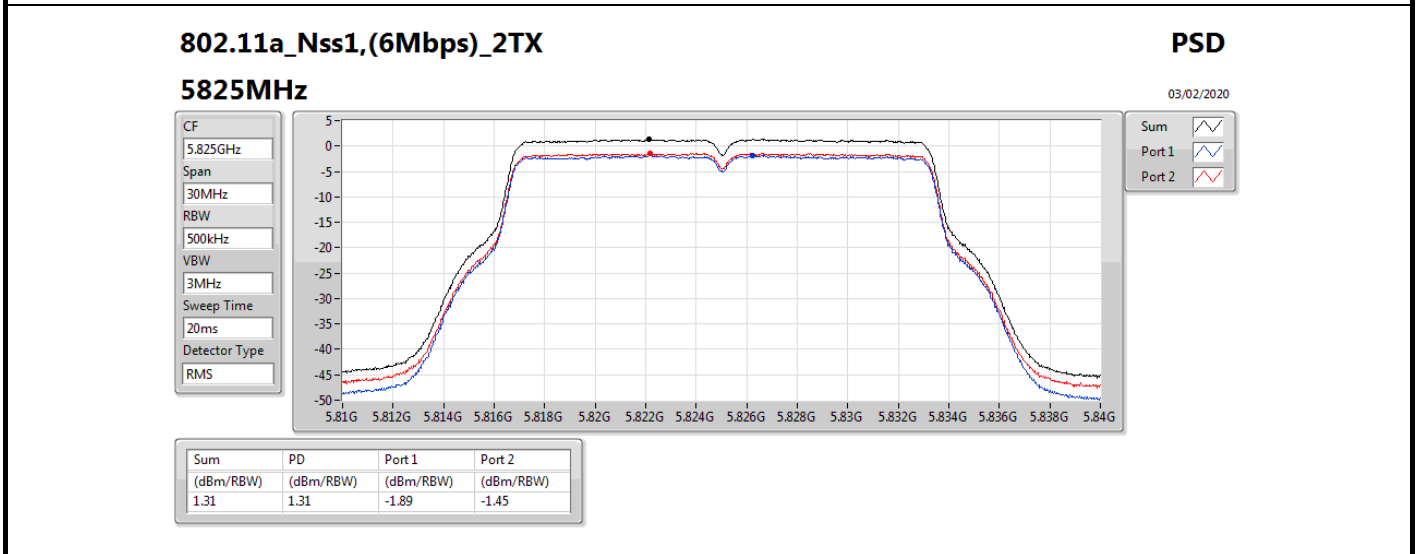
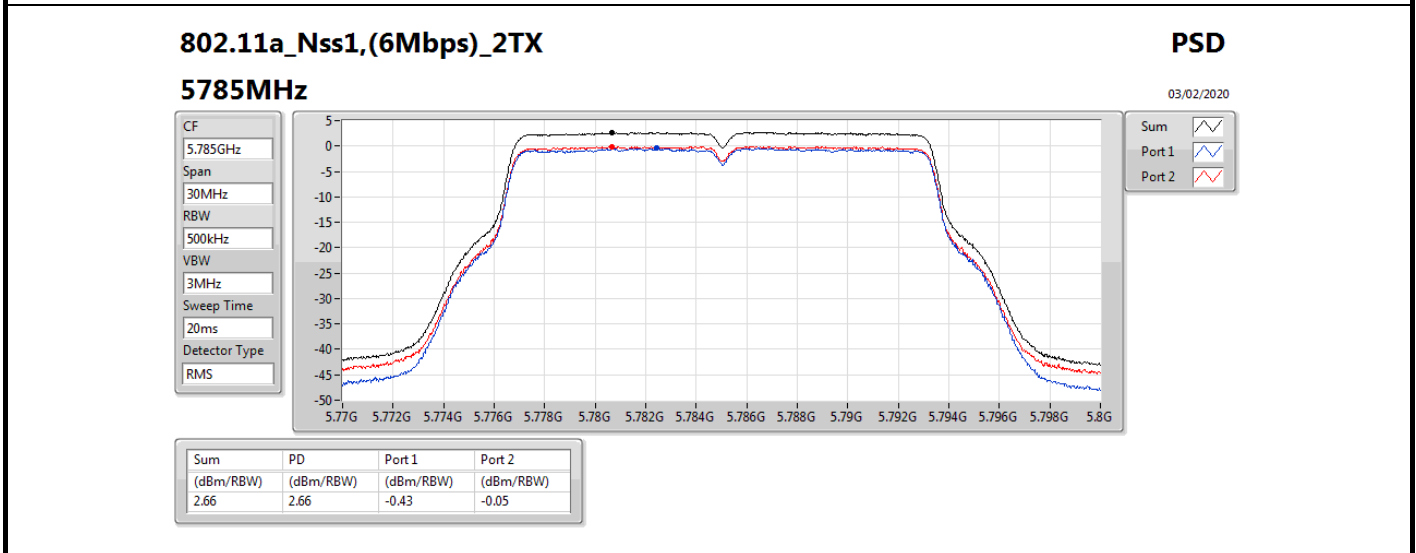
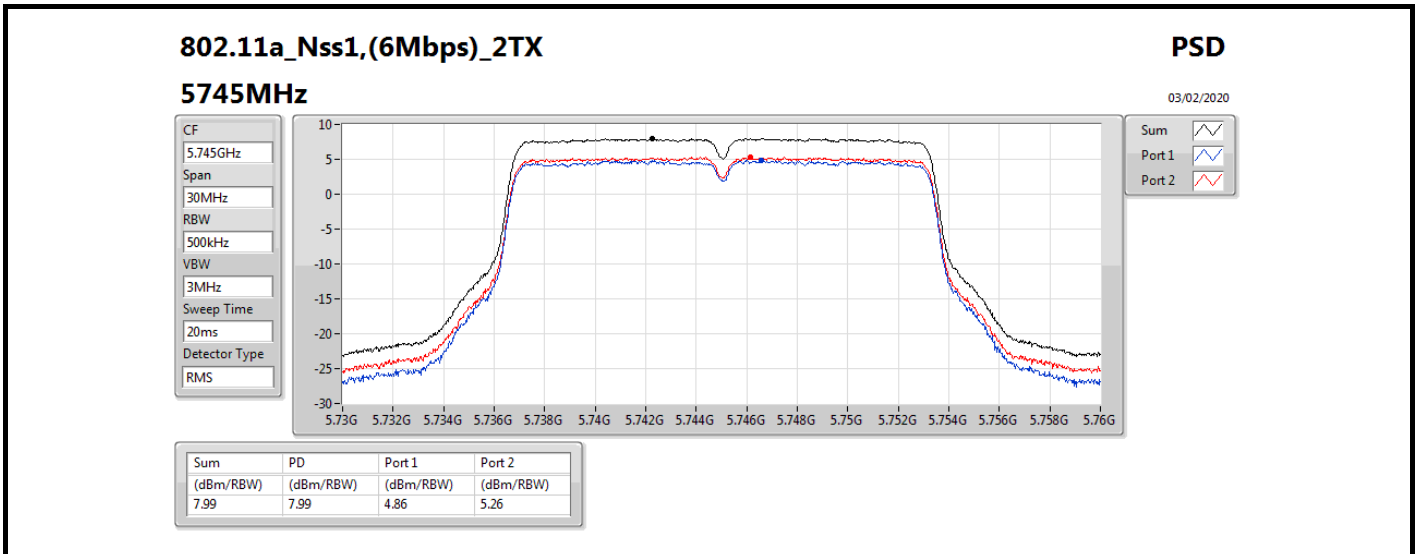


Result

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	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	7.96	4.95	4.94	7.82	15.04	15.78	23.00
5200MHz_TnomVnom	Pass	7.96	9.74	9.76	12.68	15.04	20.64	23.00
5240MHz_TnomVnom	Pass	7.96	9.80	9.74	12.69	15.04	20.65	23.00
5745MHz_TnomVnom	Pass	7.96	4.86	5.26	7.99	28.04	15.95	36.00
5785MHz_TnomVnom	Pass	7.96	-0.43	-0.05	2.66	28.04	10.62	36.00
5825MHz_TnomVnom	Pass	7.96	-1.89	-1.45	1.31	28.04	9.27	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.95	4.60	4.43	7.45	17.00	12.40	23.00
5200MHz_TnomVnom	Pass	4.95	8.96	8.89	11.91	17.00	16.86	23.00
5240MHz_TnomVnom	Pass	4.95	9.21	9.12	12.05	17.00	17.00	23.00
5745MHz_TnomVnom	Pass	4.95	2.76	3.27	5.94	30.00	10.89	36.00
5785MHz_TnomVnom	Pass	4.95	0.32	0.65	3.38	30.00	8.33	36.00
5825MHz_TnomVnom	Pass	4.95	-1.17	-0.47	2.08	30.00	7.03	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	4.95	-0.37	-0.76	2.34	17.00	7.29	23.00
5230MHz_TnomVnom	Pass	4.95	4.53	3.82	7.10	17.00	12.05	23.00
5755MHz_TnomVnom	Pass	4.95	1.94	1.89	4.89	30.00	9.84	36.00
5795MHz_TnomVnom	Pass	4.95	-1.13	-1.14	1.81	30.00	6.76	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	4.95	-4.25	-4.09	-1.25	17.00	3.70	23.00
5775MHz_TnomVnom	Pass	4.95	-1.18	-0.65	2.02	30.00	6.97	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	4.95	4.48	4.41	7.41	17.00	12.36	23.00
5200MHz_TnomVnom	Pass	4.95	8.86	8.94	11.89	17.00	16.84	23.00
5240MHz_TnomVnom	Pass	4.95	9.26	9.18	12.11	17.00	17.06	23.00
5745MHz_TnomVnom	Pass	4.95	2.92	3.30	6.10	30.00	11.05	36.00
5785MHz_TnomVnom	Pass	4.95	0.36	0.87	3.63	30.00	8.58	36.00
5825MHz_TnomVnom	Pass	4.95	-1.07	-0.41	2.22	30.00	7.17	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	4.95	-0.65	-0.96	2.19	17.00	7.14	23.00
5230MHz_TnomVnom	Pass	4.95	4.44	3.92	7.10	17.00	12.05	23.00
5755MHz_TnomVnom	Pass	4.95	2.18	2.25	5.15	30.00	10.10	36.00
5795MHz_TnomVnom	Pass	4.95	-0.93	-0.61	2.15	30.00	7.10	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	4.95	-4.33	-3.98	-1.19	17.00	3.76	23.00
5775MHz_TnomVnom	Pass	4.95	-0.77	-0.36	2.45	30.00	7.40	36.00

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





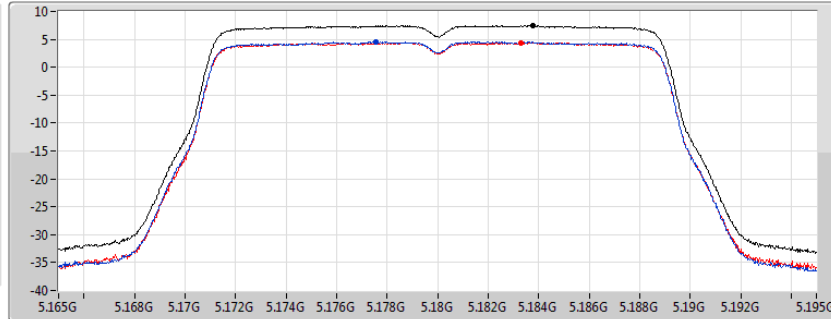
802.11ac VHT20\_Nss2,(MCS0)\_2TX

PSD

5180MHz

03/02/2020

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.45	7.45	4.60	4.43

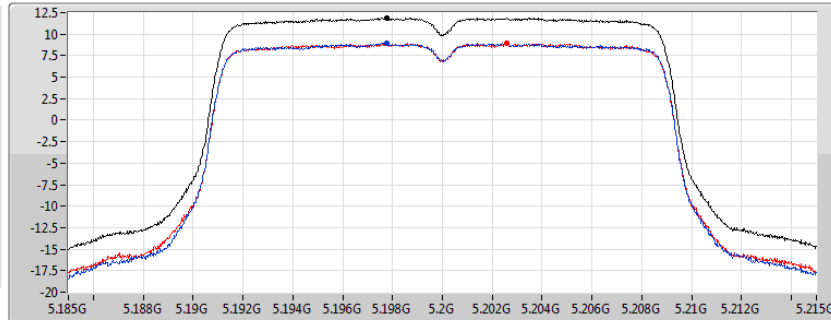
802.11ac VHT20\_Nss2,(MCS0)\_2TX

PSD

5200MHz

03/02/2020

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



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.91	11.91	8.96	8.89

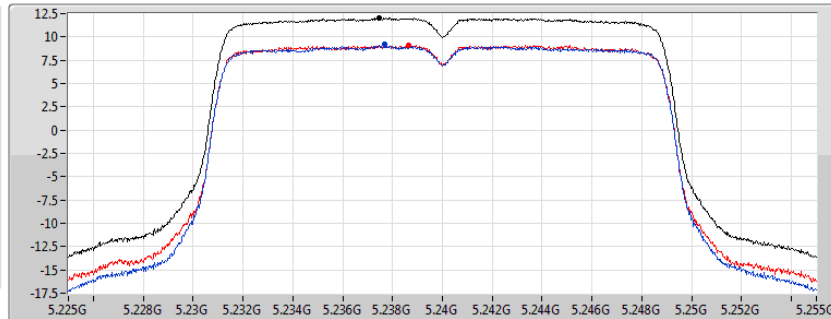
802.11ac VHT20\_Nss2,(MCS0)\_2TX

PSD

5240MHz

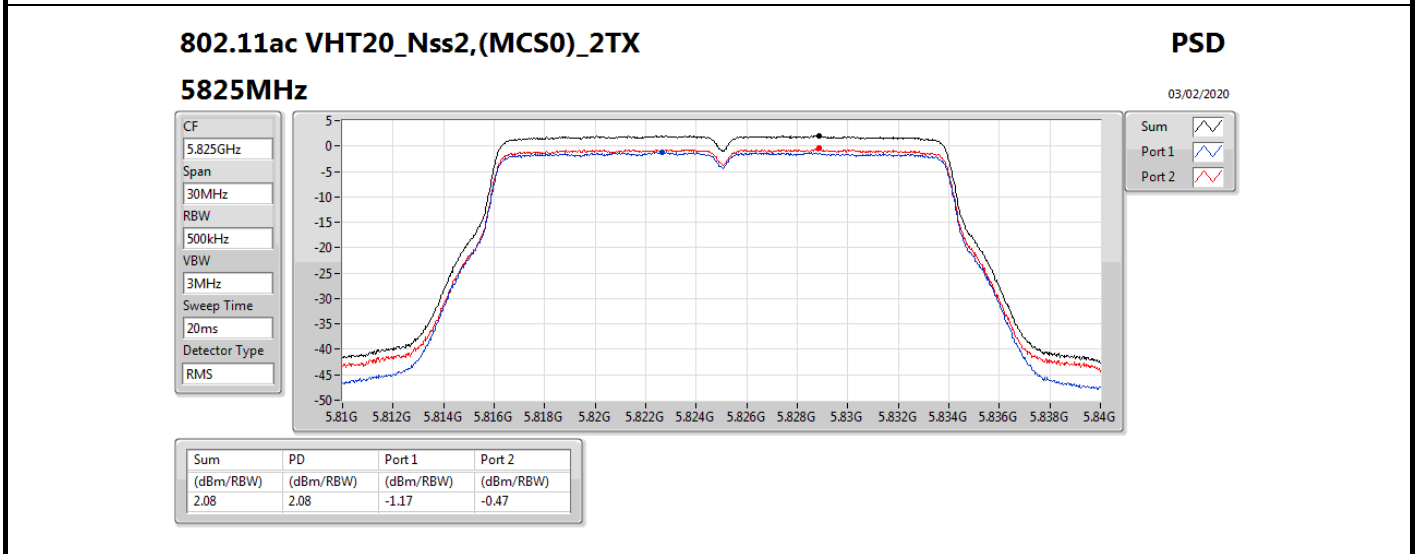
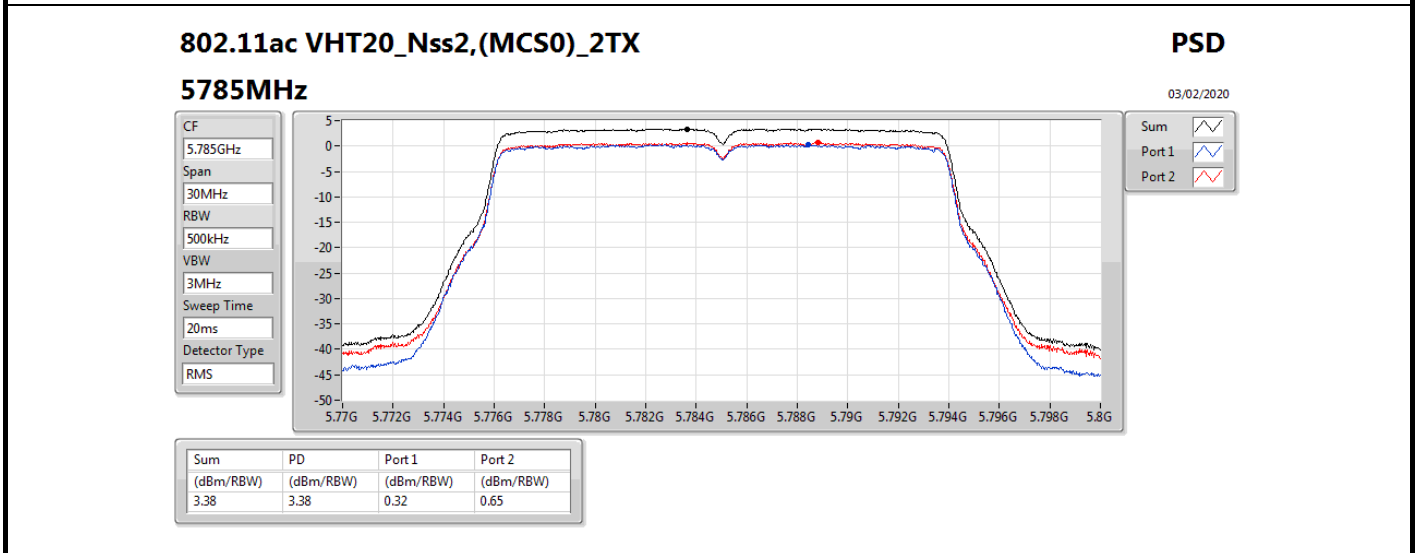
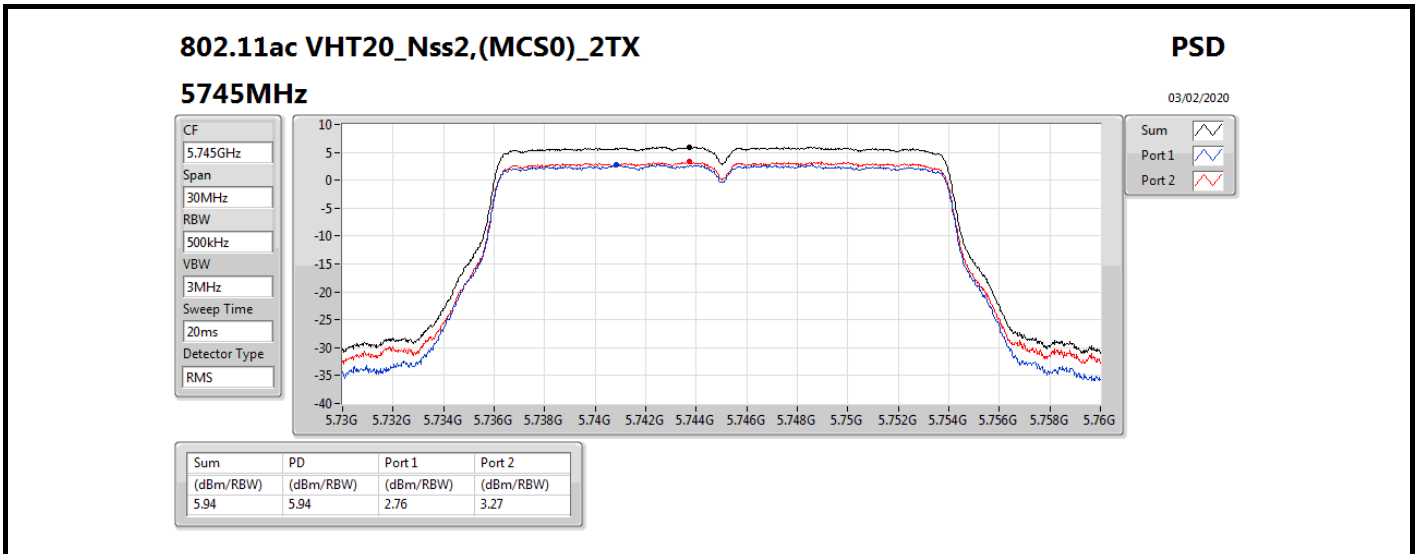
03/02/2020

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



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.05	12.05	9.21	9.12



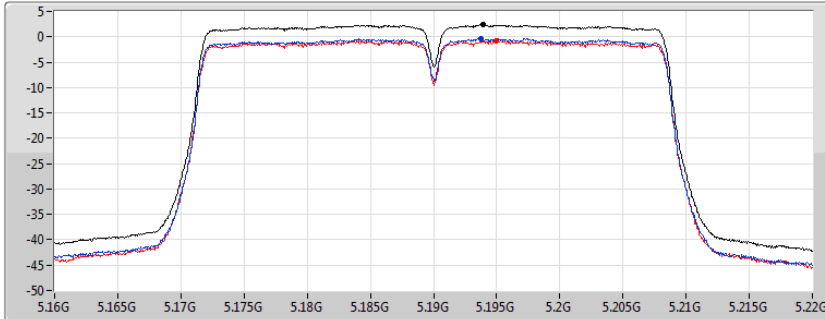
802.11ac VHT40\_Nss2,(MCS0)\_2TX

PSD

5190MHz

03/02/2020

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



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.34	2.34	-0.37	-0.76

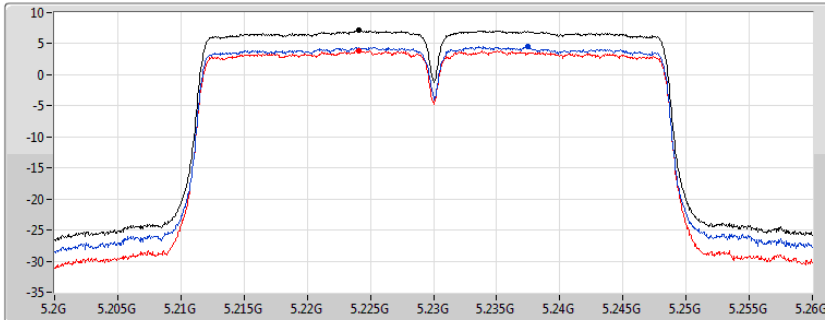
802.11ac VHT40\_Nss2,(MCS0)\_2TX

PSD

5230MHz

03/02/2020

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



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.10	7.10	4.53	3.82

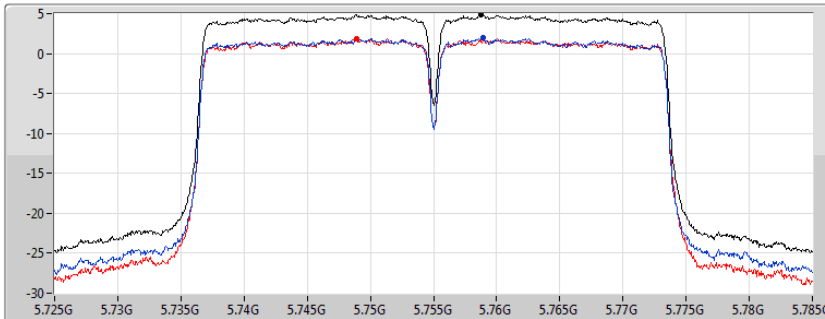
802.11ac VHT40\_Nss2,(MCS0)\_2TX

PSD

5755MHz

03/02/2020

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



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.89	4.89	1.94	1.89



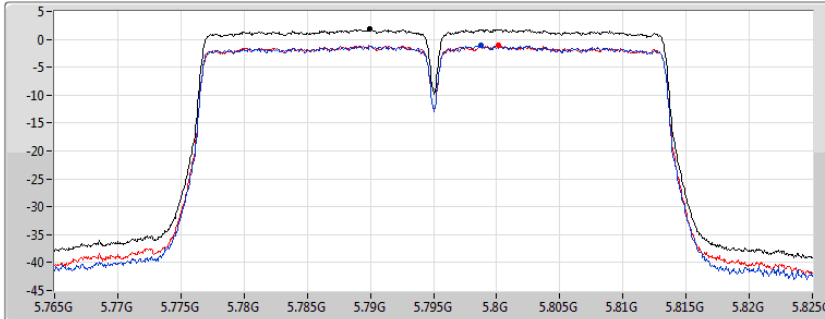
802.11ac VHT40\_Nss2,(MCS0)\_2TX




PSD

5795MHz

03/02/2020

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



Sum   
Port 1   
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.81	1.81	-1.13	-1.14

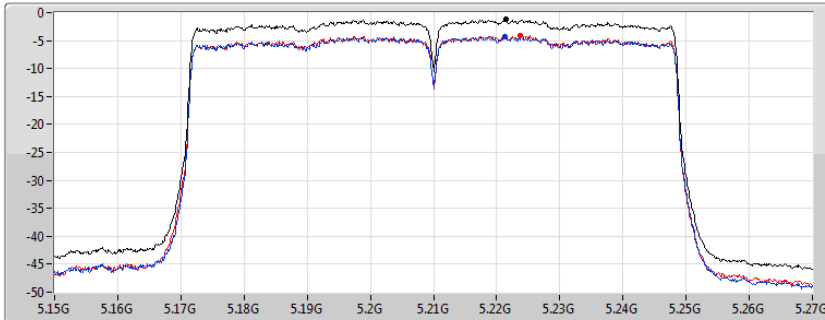
802.11ac VHT80\_Nss2,(MCS0)\_2TX




PSD

5210MHz

03/02/2020

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



Sum   
Port 1   
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.25	-1.25	-4.25	-4.09

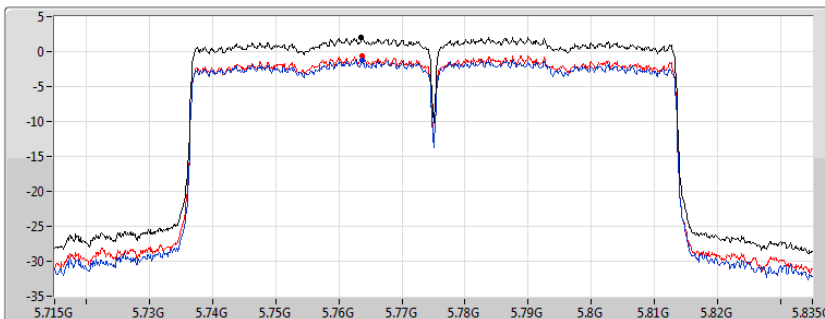
802.11ac VHT80\_Nss2,(MCS0)\_2TX




PSD

5775MHz

03/02/2020

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



Sum   
Port 1   
Port 2 

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.02	2.02	-1.18	-0.65

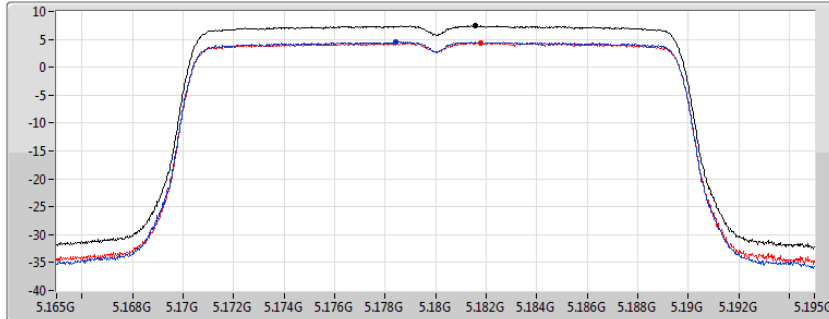
802.11ax HEW20\_Nss2,(MCS0)\_2TX

PSD

5180MHz

03/02/2020

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.41	7.41	4.48	4.41

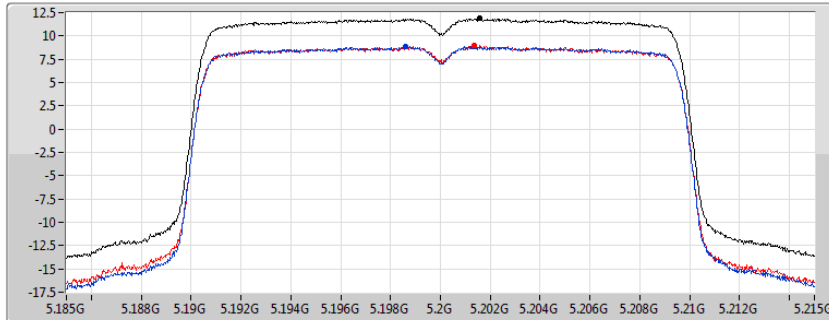
802.11ax HEW20\_Nss2,(MCS0)\_2TX

PSD

5200MHz

03/02/2020

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



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.89	11.89	8.86	8.94

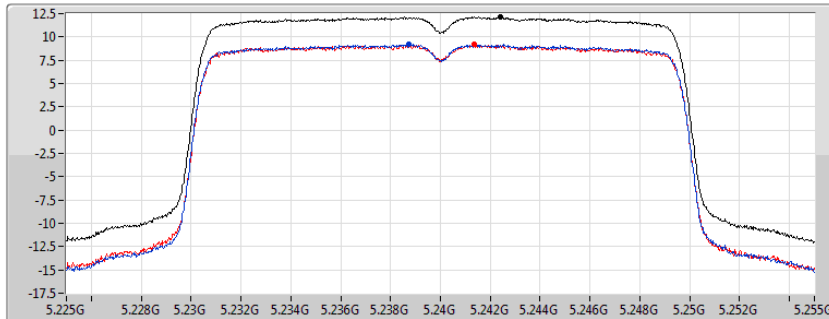
802.11ax HEW20\_Nss2,(MCS0)\_2TX

PSD

5240MHz

03/02/2020

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



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
12.11	12.11	9.26	9.18

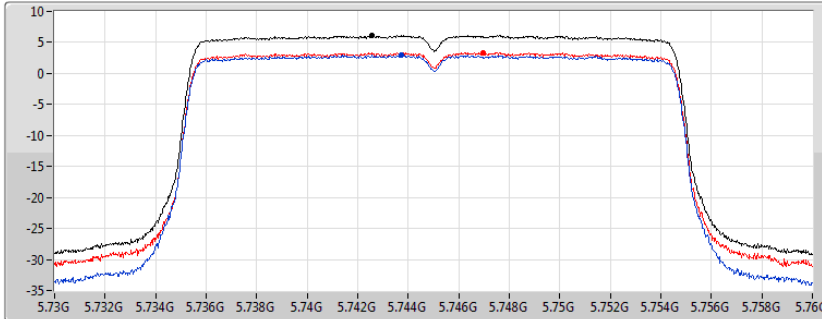
802.11ax HEW20\_Nss2,(MCS0)\_2TX

PSD

5745MHz

03/02/2020

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



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.10	6.10	2.92	3.30

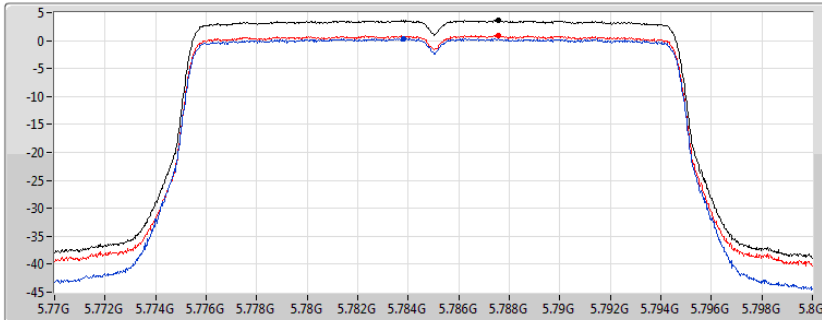
802.11ax HEW20\_Nss2,(MCS0)\_2TX

PSD

5785MHz

03/02/2020

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



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.63	3.63	0.36	0.87

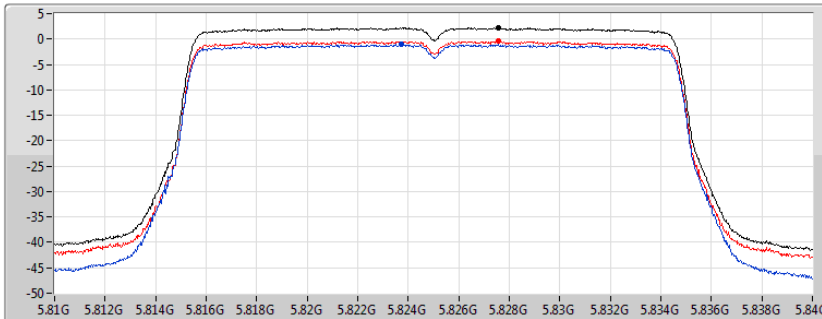
802.11ax HEW20\_Nss2,(MCS0)\_2TX

PSD

5825MHz

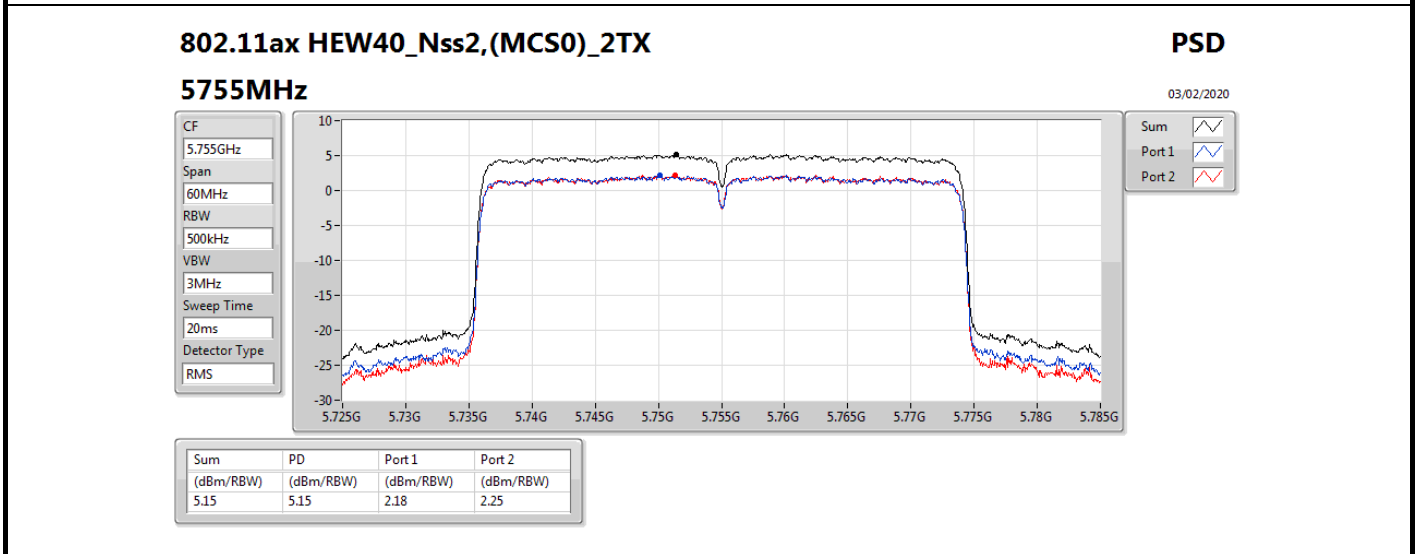
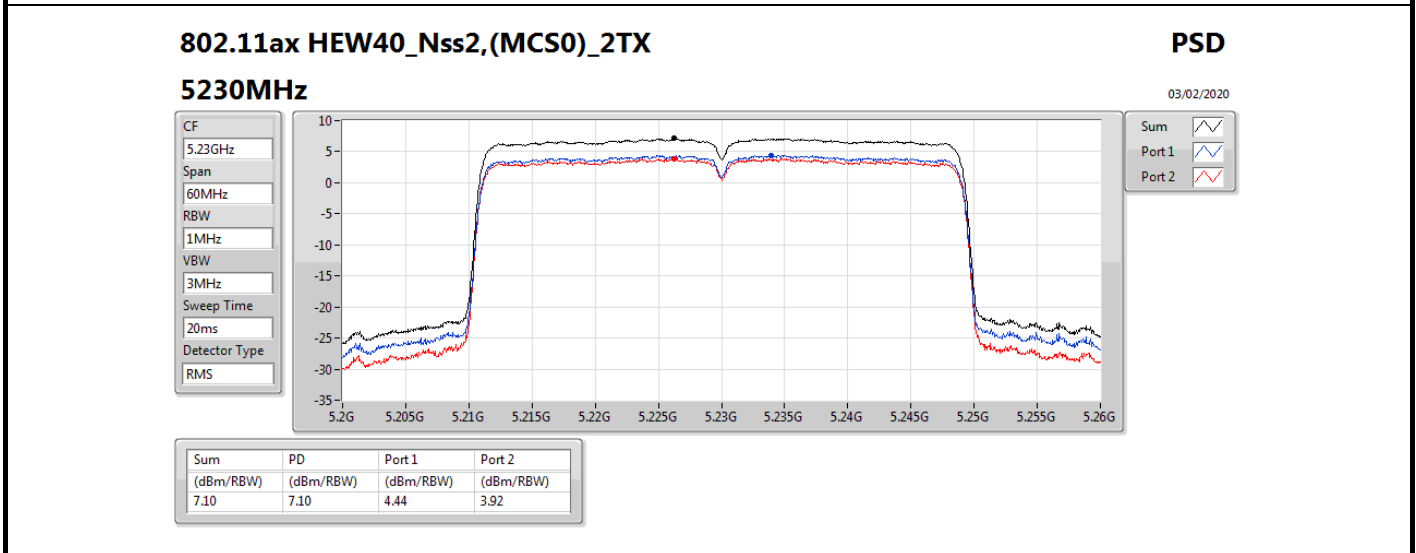
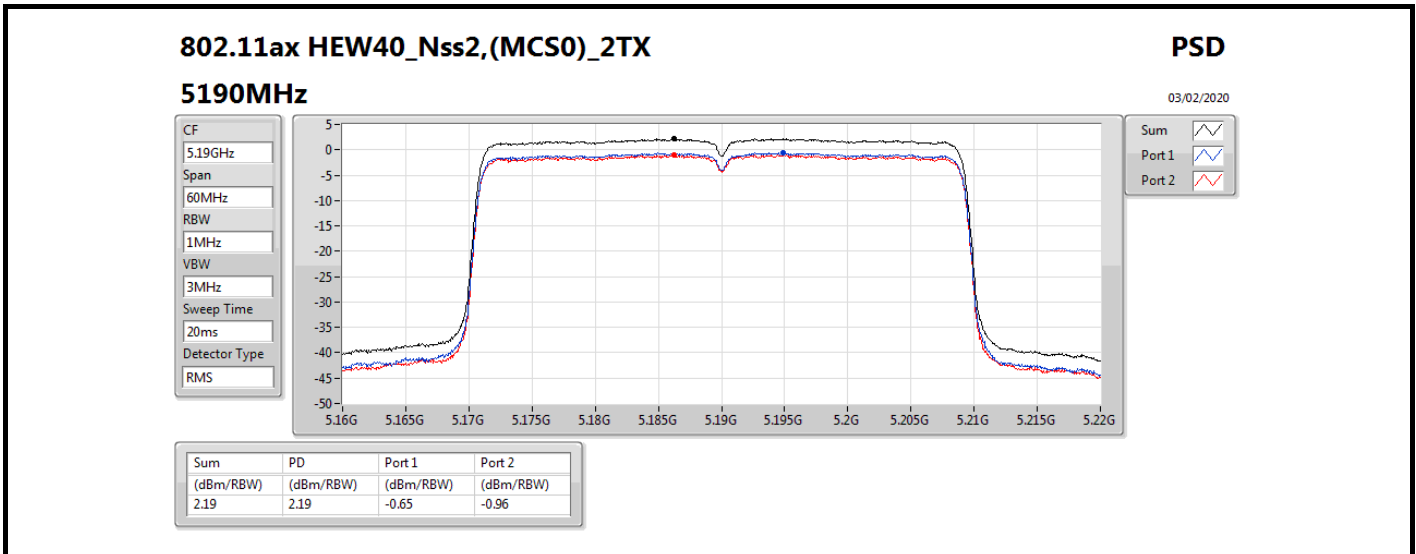
03/02/2020

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



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.22	2.22	-1.07	-0.41

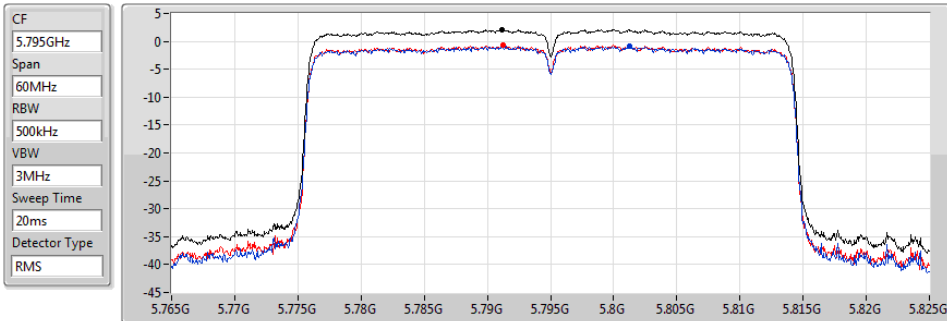


802.11ax HEW40\_Nss2,(MCS0)\_2TX

PSD

5795MHz

03/02/2020



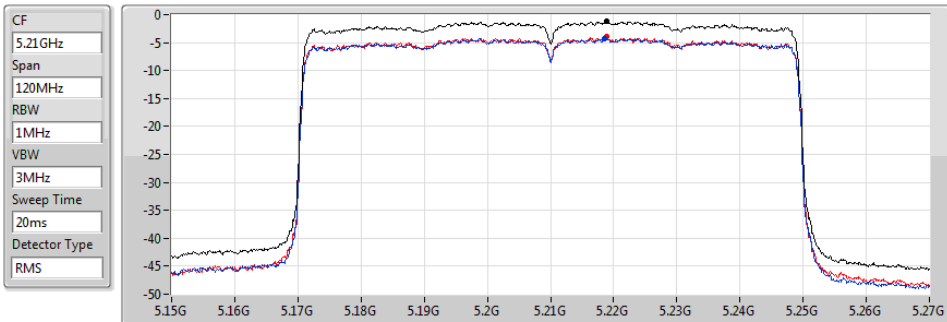
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.15	2.15	-0.93	-0.61

802.11ax HEW80\_Nss2,(MCS0)\_2TX

PSD

5210MHz

03/02/2020



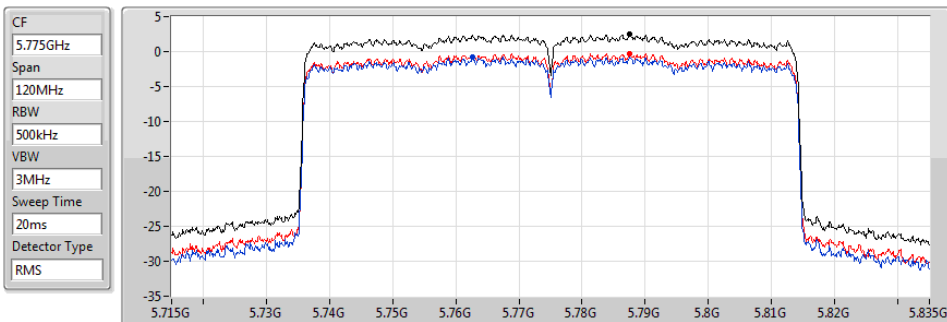
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.19	-1.19	-4.33	-3.98

802.11ax HEW80\_Nss2,(MCS0)\_2TX

PSD

5775MHz

03/02/2020



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.45	2.45	-0.77	-0.36



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.05	14.99
802.11ac VHT20_Nss1,(MCS0)_1TX	9.88	14.82
802.11ac VHT40_Nss1,(MCS0)_1TX	5.94	10.88
802.11ac VHT80_Nss1,(MCS0)_1TX	-0.91	4.03
802.11ax HEW20_Nss1,(MCS0)_1TX	9.31	14.25
802.11ax HEW40_Nss1,(MCS0)_1TX	5.7	10.64
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.1	3.84
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.06	13.00
802.11ac VHT20_Nss1,(MCS0)_1TX	8.45	13.39
802.11ac VHT40_Nss1,(MCS0)_1TX	5.4	10.34
802.11ac VHT80_Nss1,(MCS0)_1TX	1.27	6.21
802.11ax HEW20_Nss1,(MCS0)_1TX	8.22	13.16
802.11ax HEW40_Nss1,(MCS0)_1TX	5.14	10.08
802.11ax HEW80_Nss1,(MCS0)_1TX	1.18	6.12

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

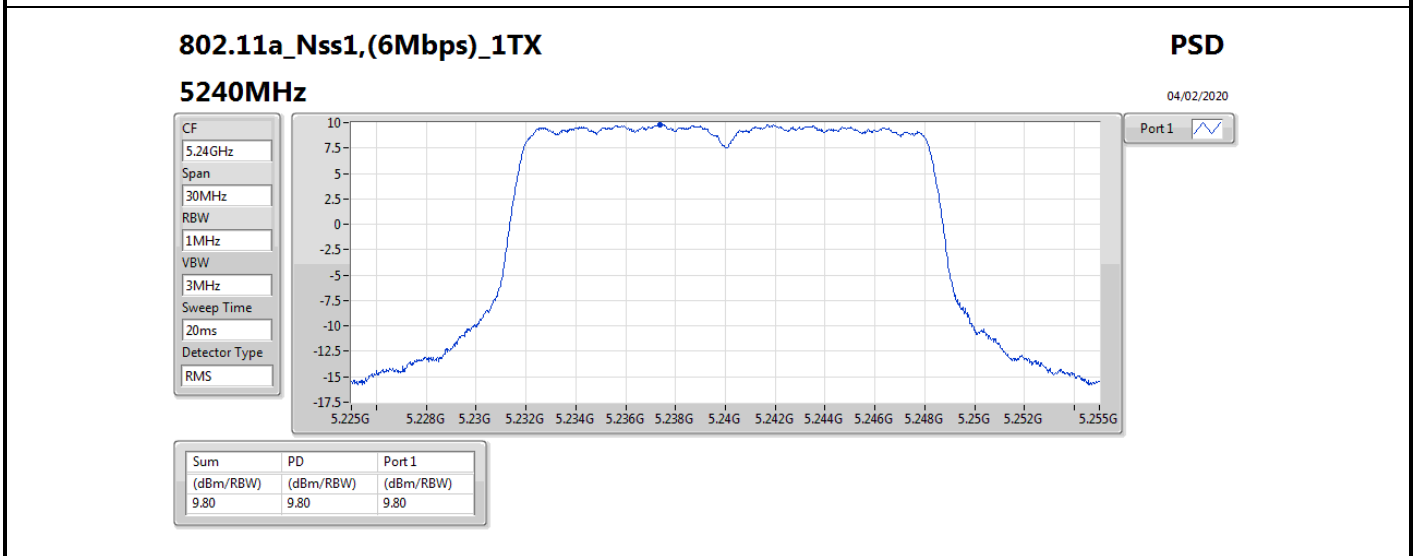
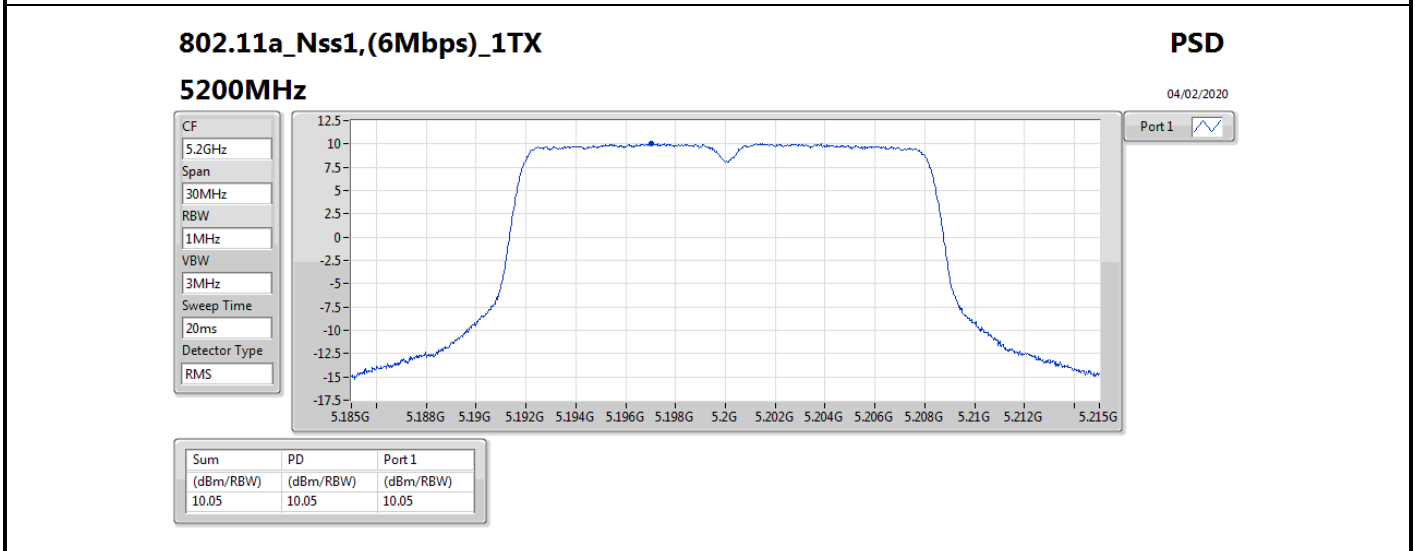
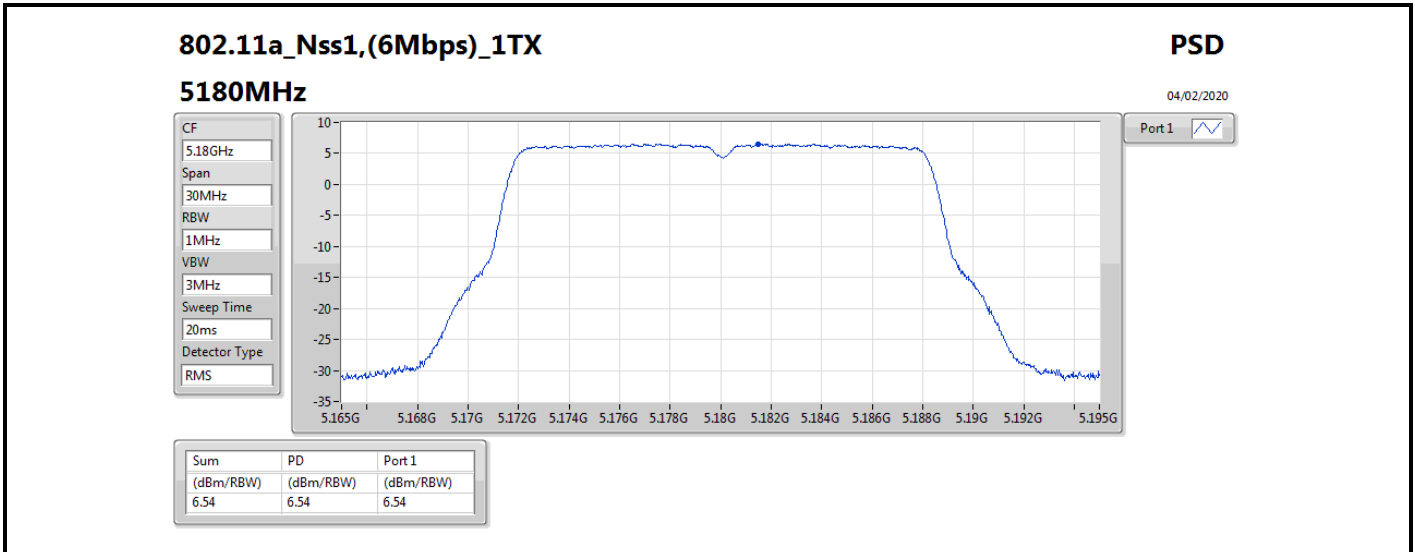


Result

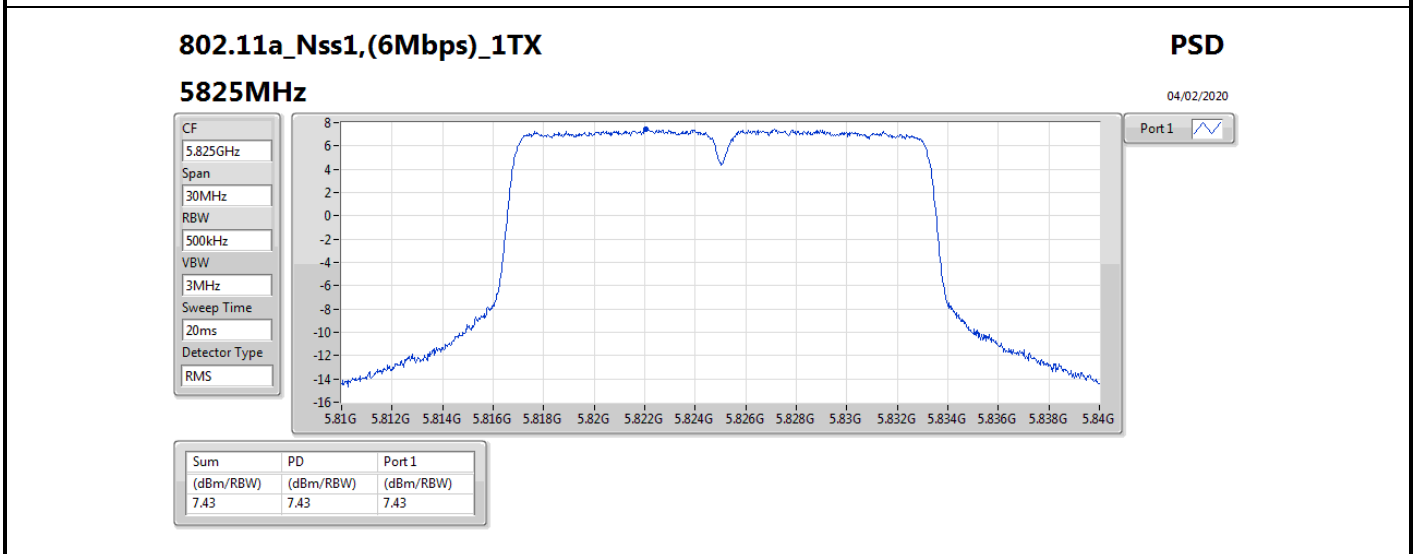
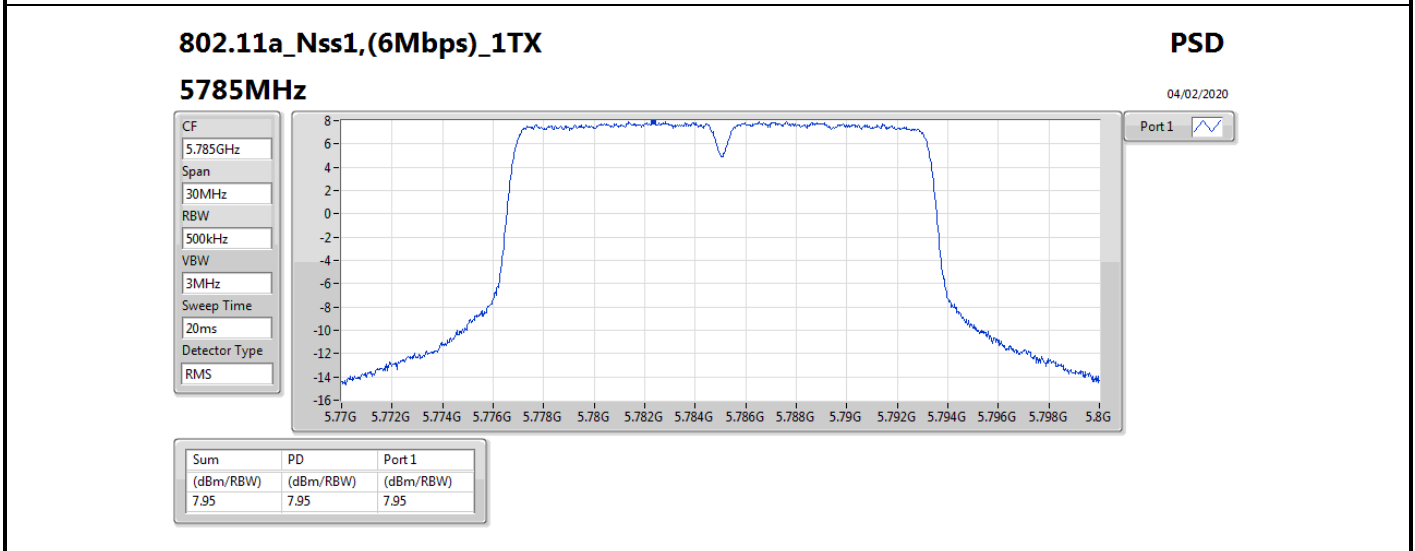
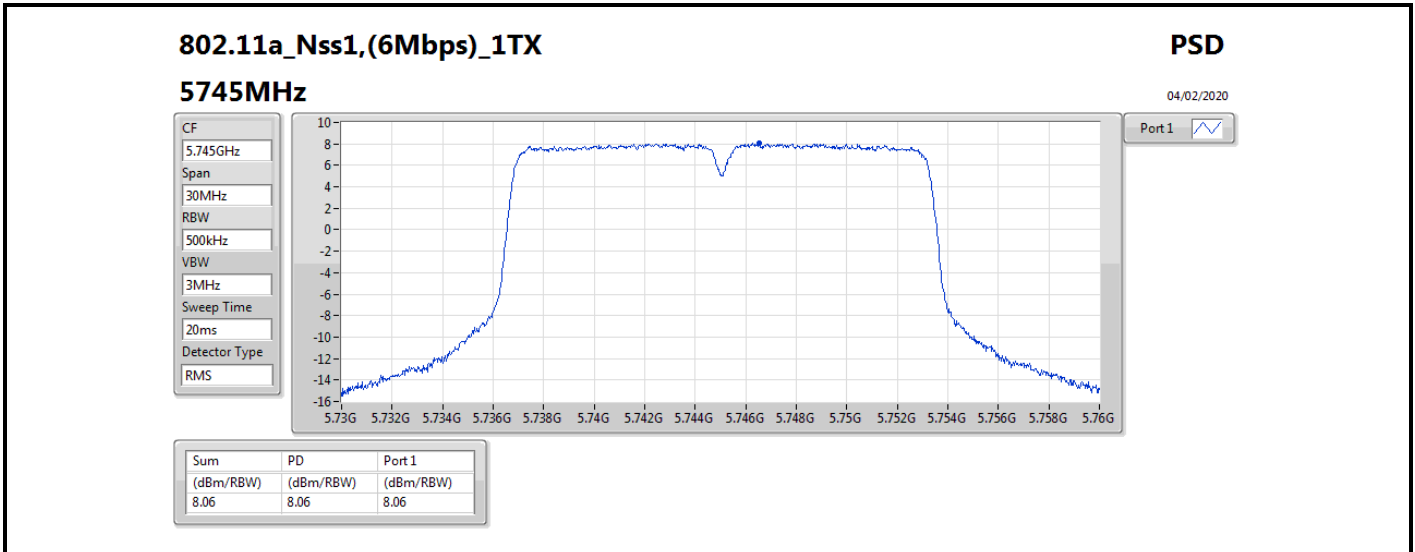
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.94	6.54	6.54	17.00	11.48	23.00
5200MHz	Pass	4.94	10.05	10.05	17.00	14.99	23.00
5240MHz	Pass	4.94	9.8	9.80	17.00	14.74	23.00
5745MHz	Pass	4.94	8.06	8.06	30.00	13.00	36.00
5785MHz	Pass	4.94	7.95	7.95	30.00	12.89	36.00
5825MHz	Pass	4.94	7.43	7.43	30.00	12.37	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.94	5.69	5.69	17.00	10.63	23.00
5200MHz	Pass	4.94	9.88	9.88	17.00	14.82	23.00
5240MHz	Pass	4.94	9.61	9.61	17.00	14.55	23.00
5745MHz	Pass	4.94	8.45	8.45	30.00	13.39	36.00
5785MHz	Pass	4.94	8.2	8.20	30.00	13.14	36.00
5825MHz	Pass	4.94	7.9	7.90	30.00	12.84	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	4.94	1.41	1.41	17.00	6.35	23.00
5230MHz	Pass	4.94	5.94	5.94	17.00	10.88	23.00
5755MHz	Pass	4.94	5.4	5.40	30.00	10.34	36.00
5795MHz	Pass	4.94	4.99	4.99	30.00	9.93	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	4.94	-0.91	-0.91	17.00	4.03	23.00
5775MHz	Pass	4.94	1.27	1.27	30.00	6.21	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	4.94	5.21	5.21	17.00	10.15	23.00
5200MHz	Pass	4.94	9.31	9.31	17.00	14.25	23.00
5240MHz	Pass	4.94	9.01	9.01	17.00	13.95	23.00
5745MHz	Pass	4.94	8.22	8.22	30.00	13.16	36.00
5785MHz	Pass	4.94	7.88	7.88	30.00	12.82	36.00
5825MHz	Pass	4.94	7.45	7.45	30.00	12.39	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	4.94	1.22	1.22	17.00	6.16	23.00
5230MHz	Pass	4.94	5.7	5.70	17.00	10.64	23.00
5755MHz	Pass	4.94	5.14	5.14	30.00	10.08	36.00
5795MHz	Pass	4.94	4.26	4.26	30.00	9.20	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	4.94	-1.1	-1.10	17.00	3.84	23.00
5775MHz	Pass	4.94	1.18	1.18	30.00	6.12	36.00

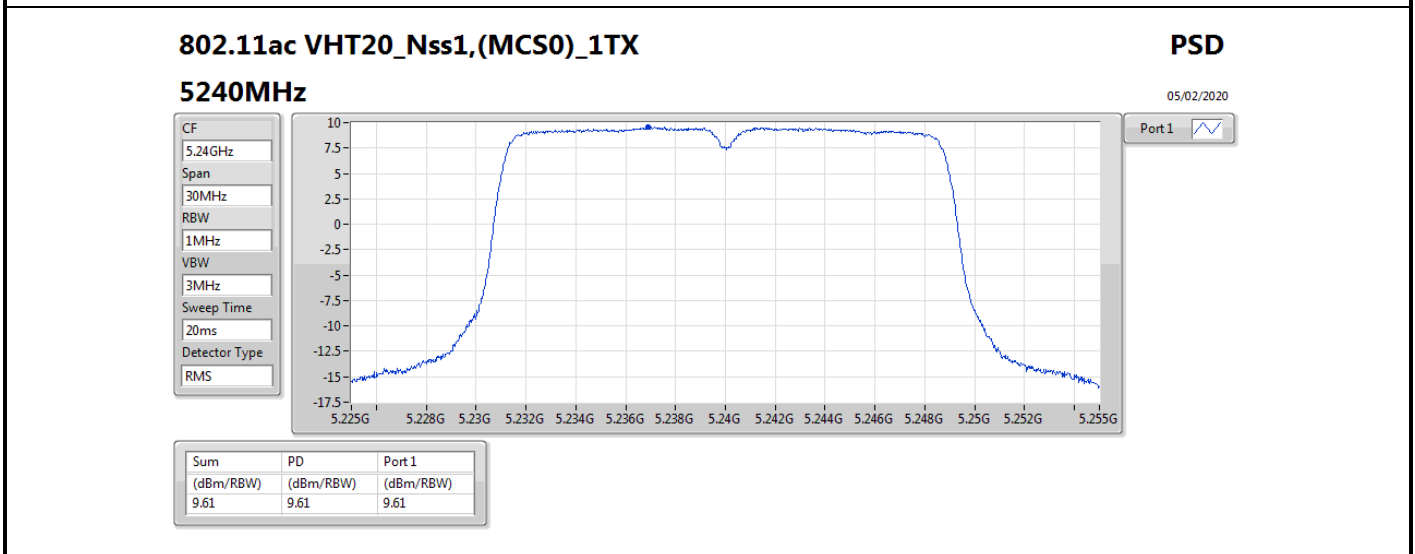
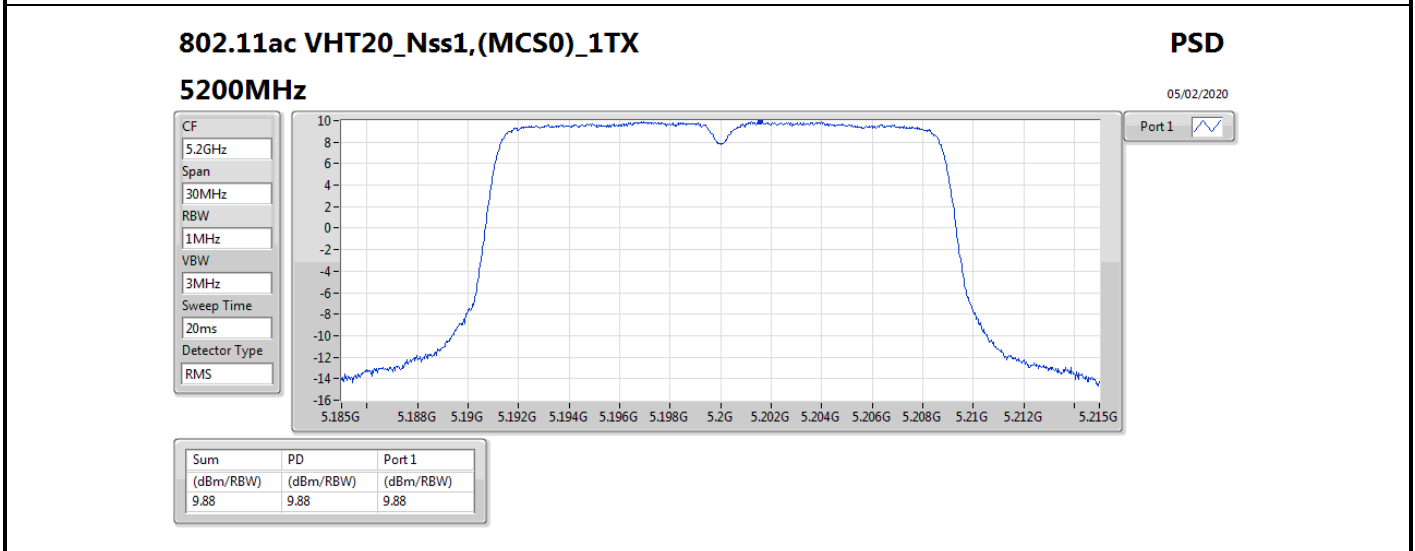
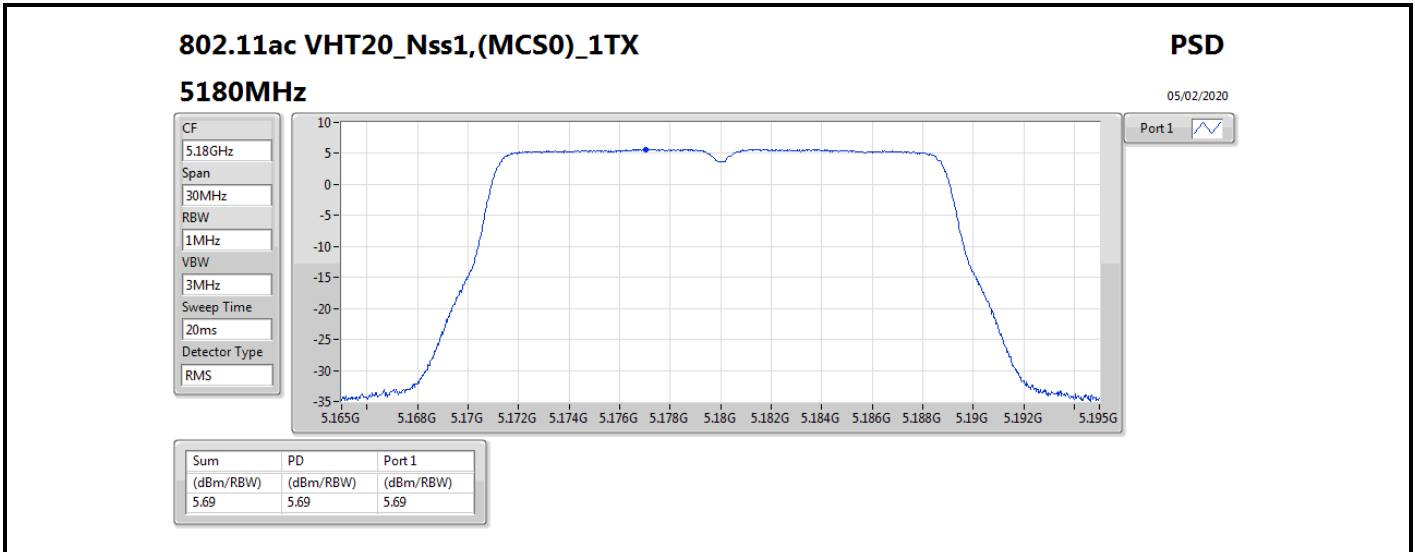
DG = Directional Gain; RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

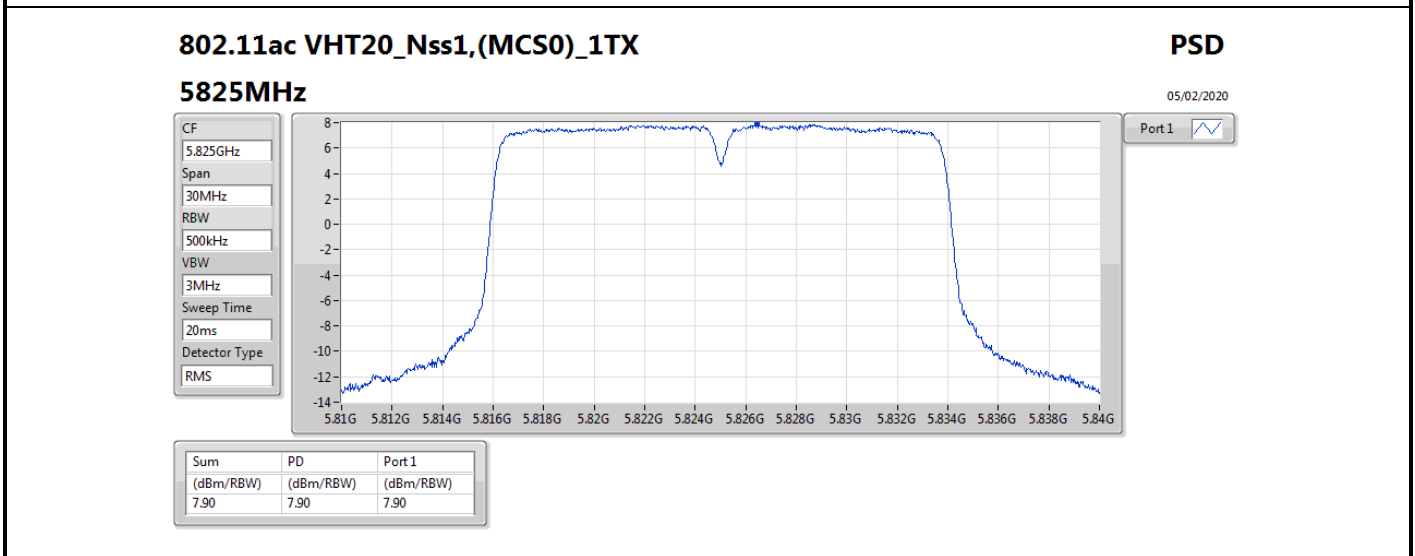
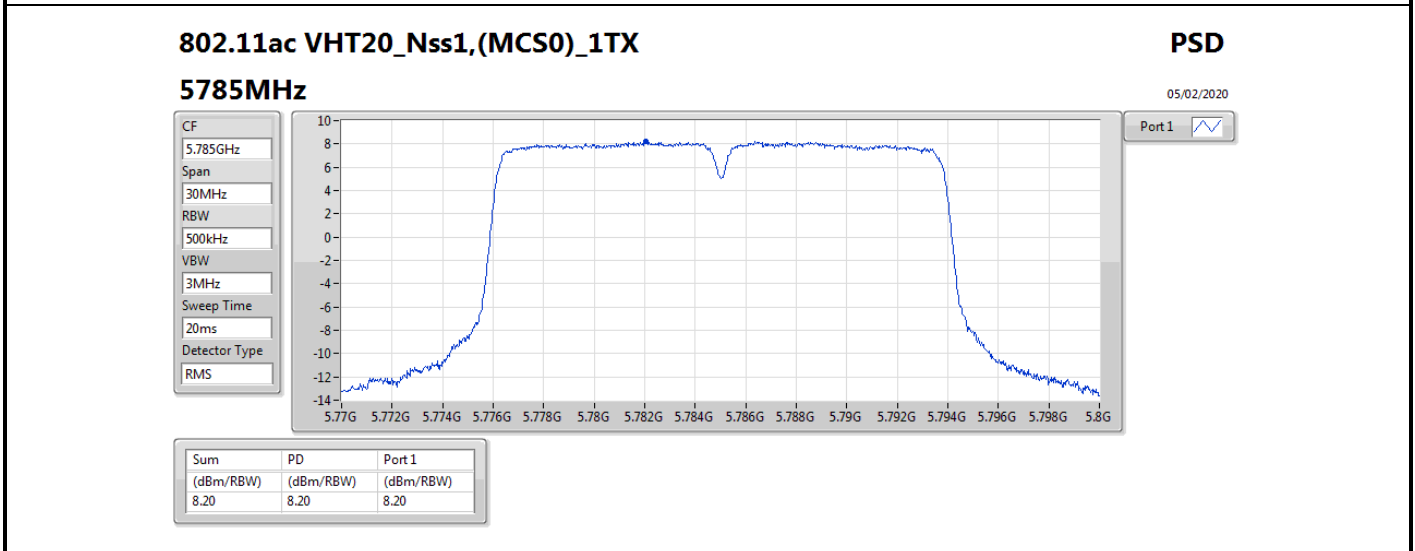
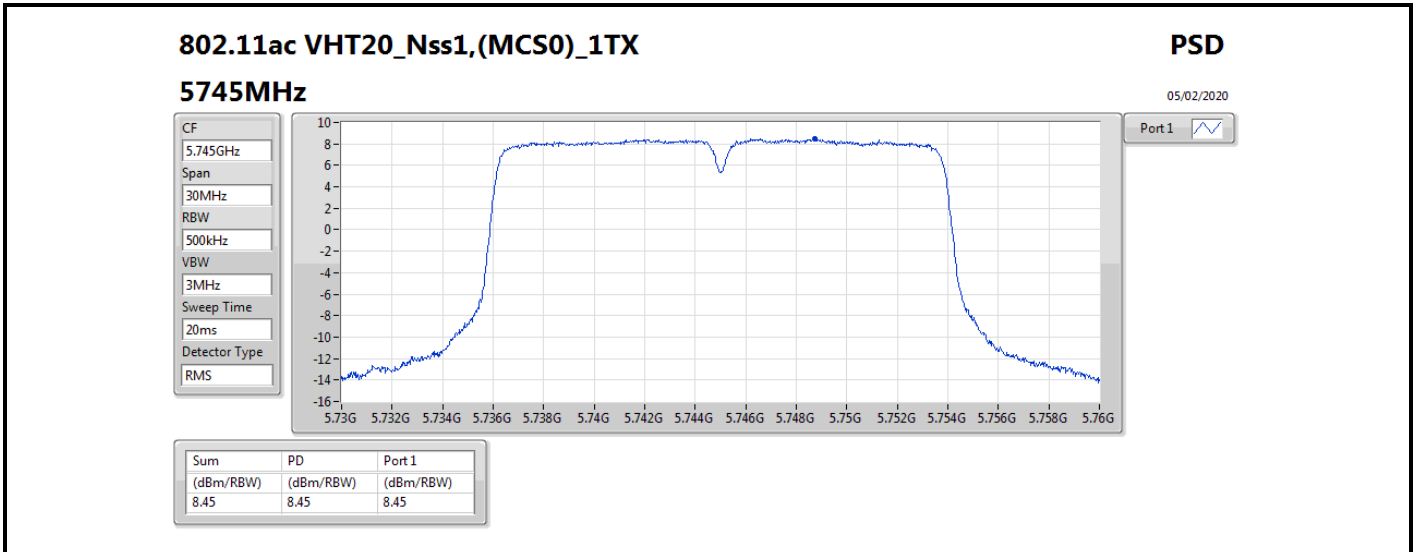
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X power density;

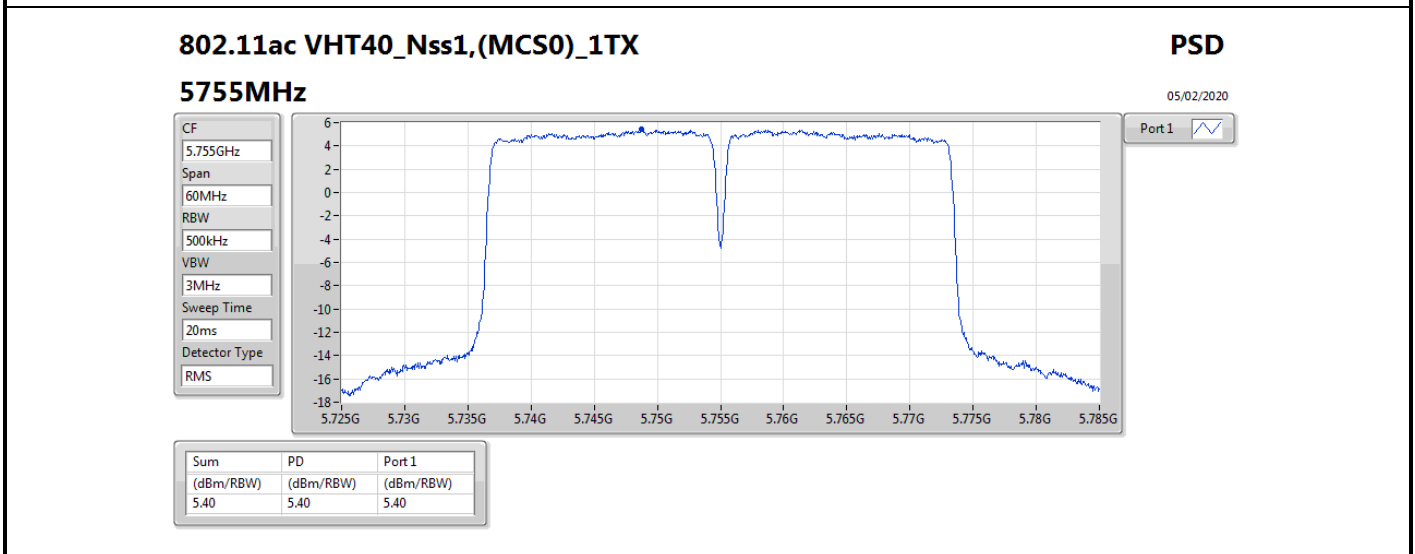
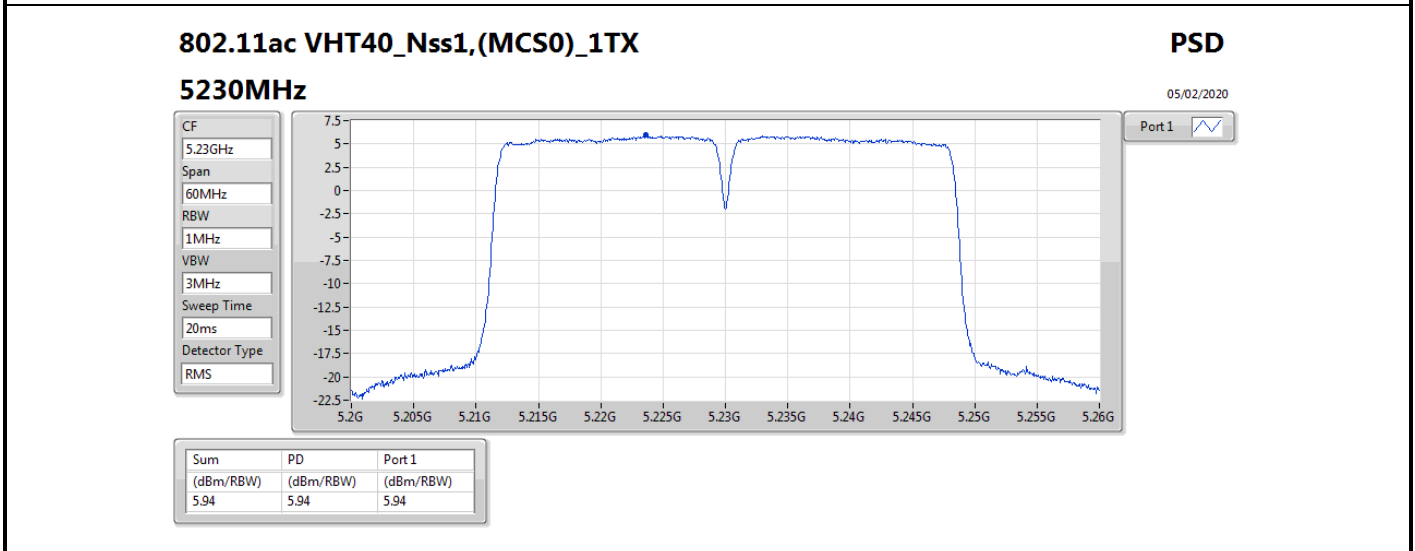
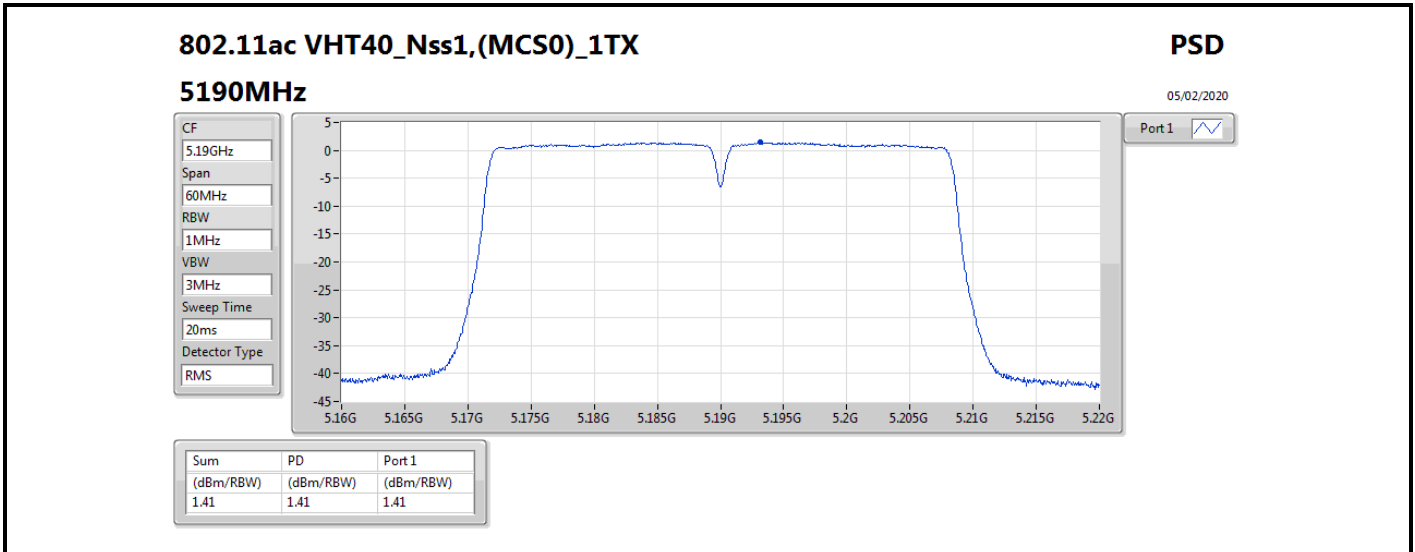


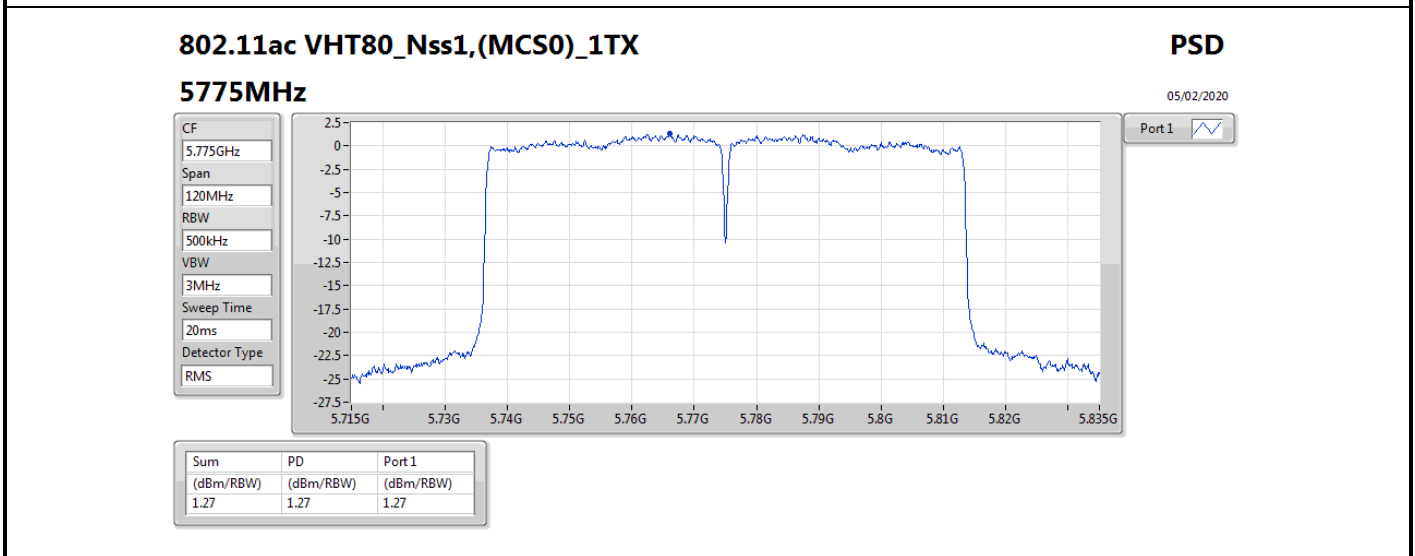
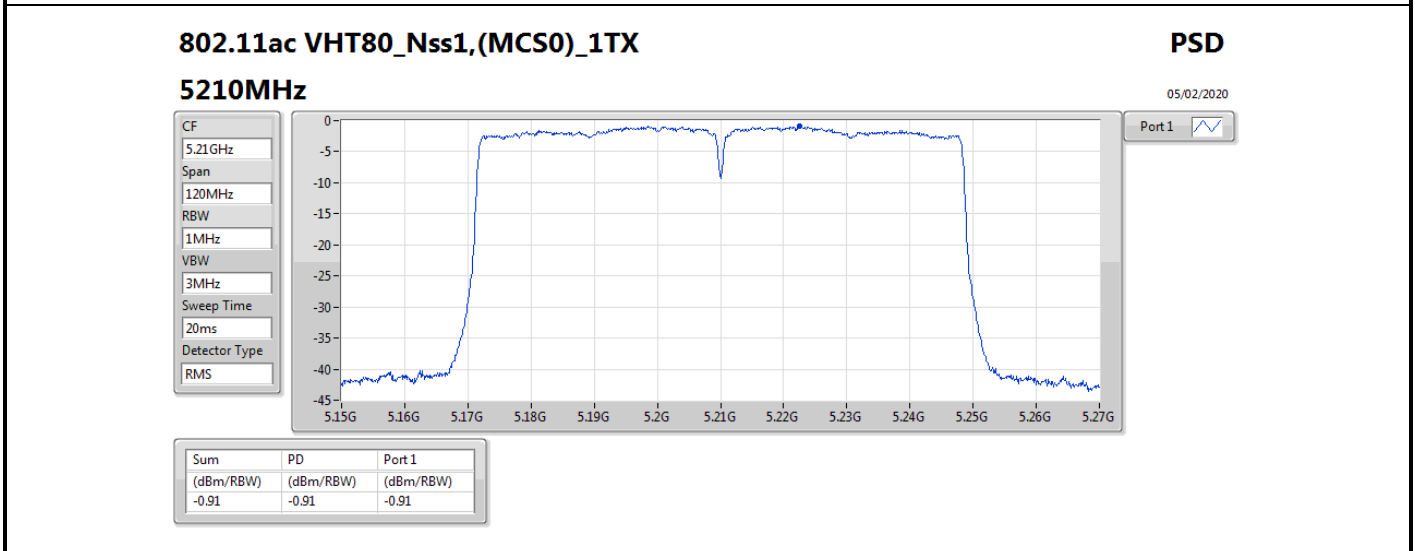
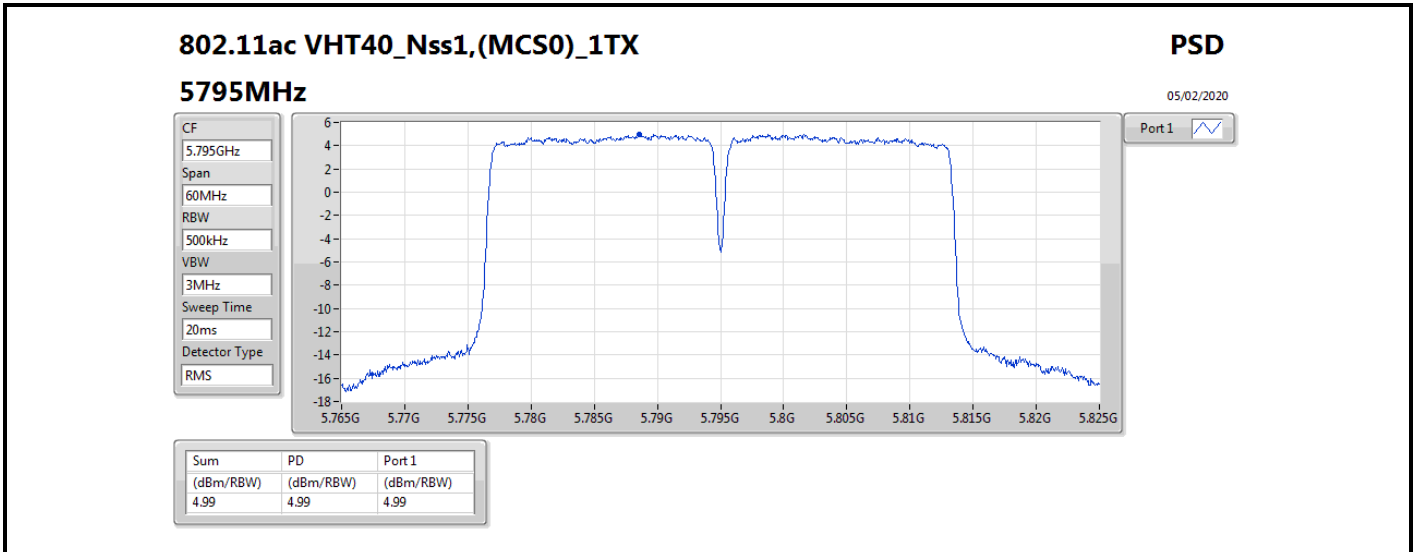


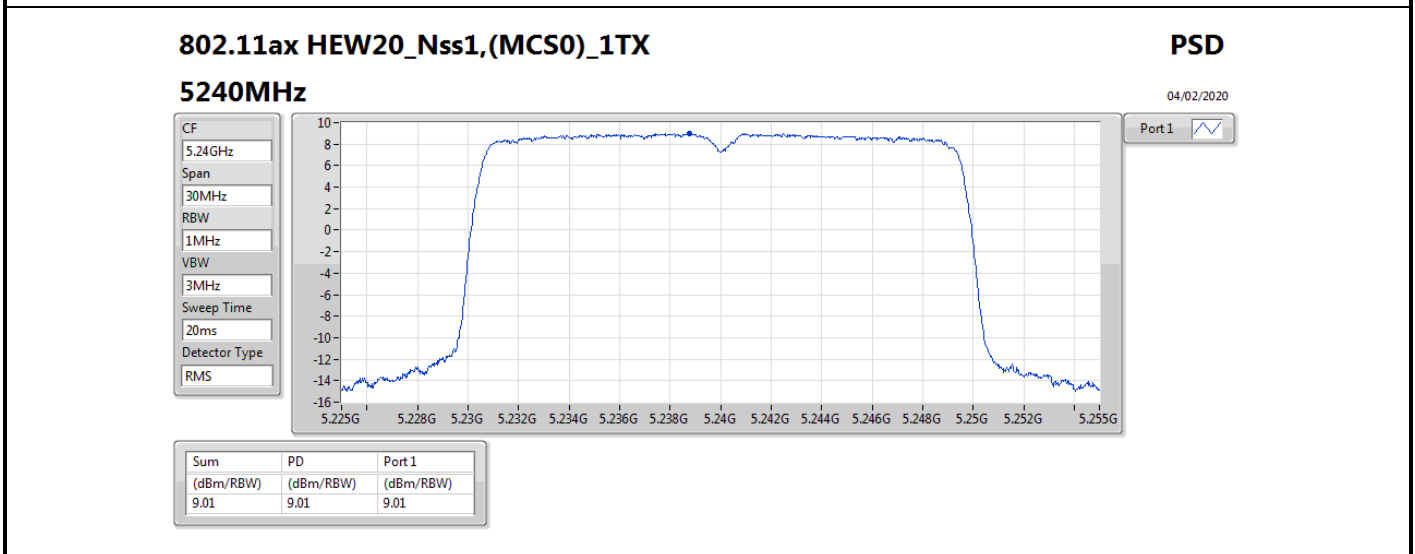
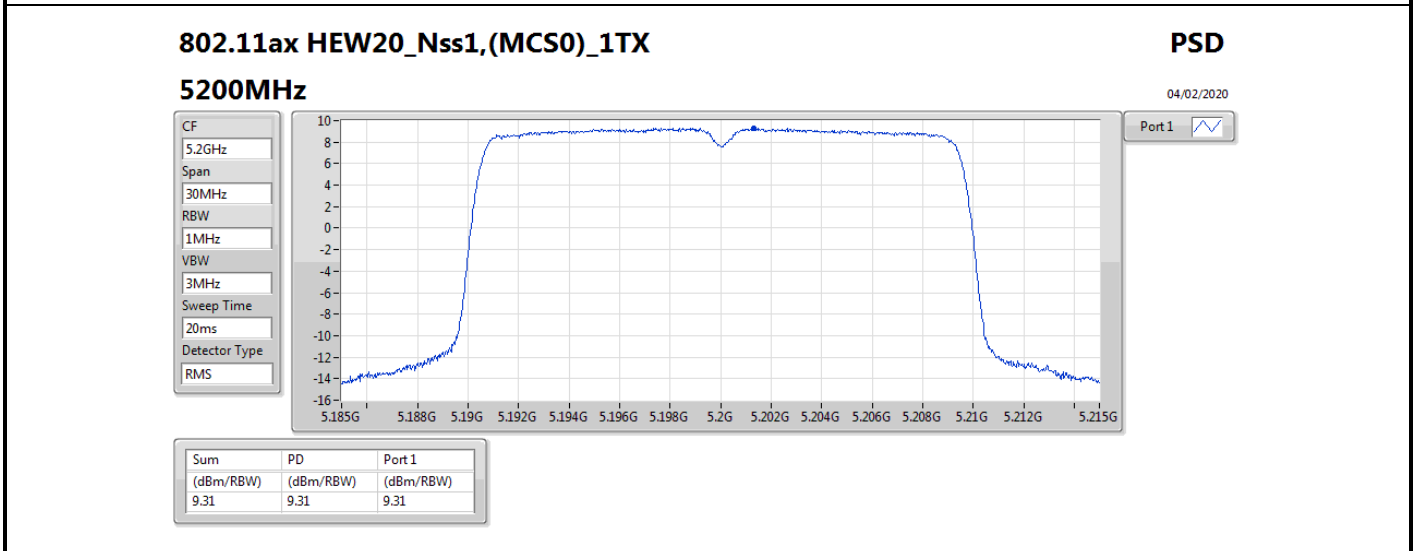
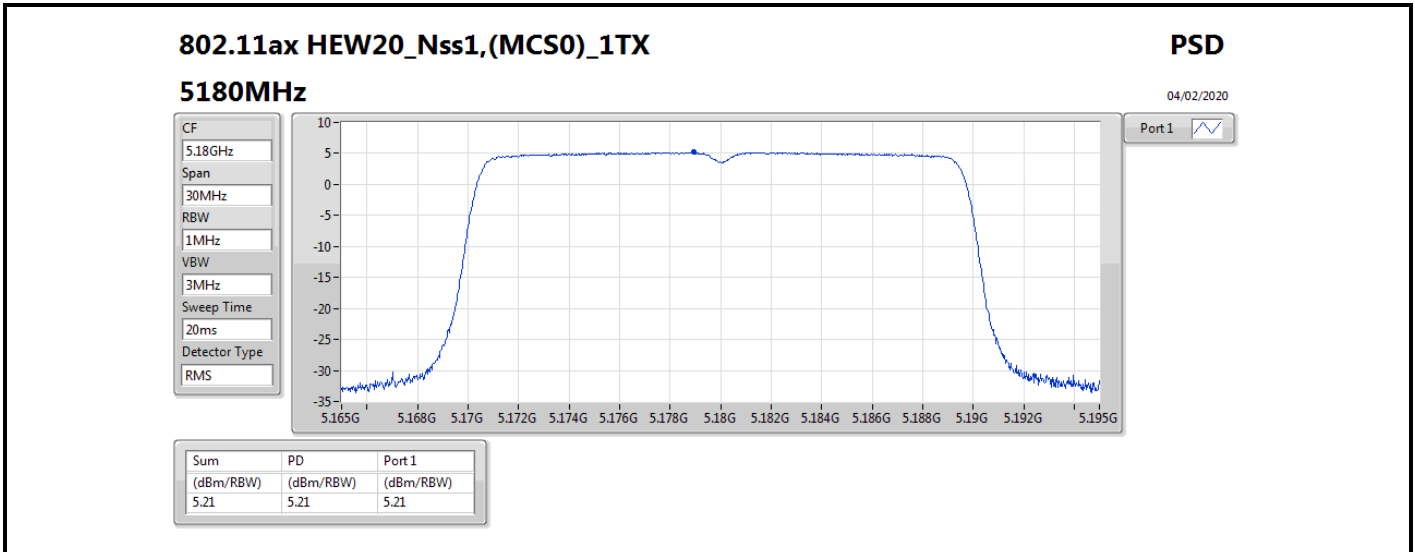


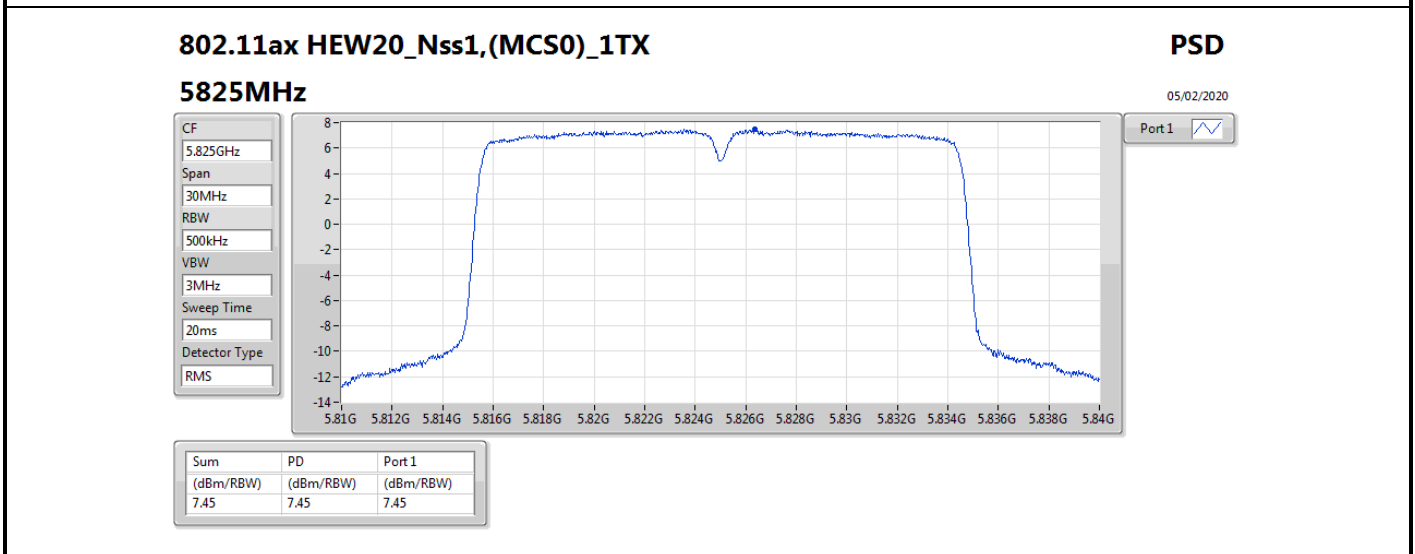
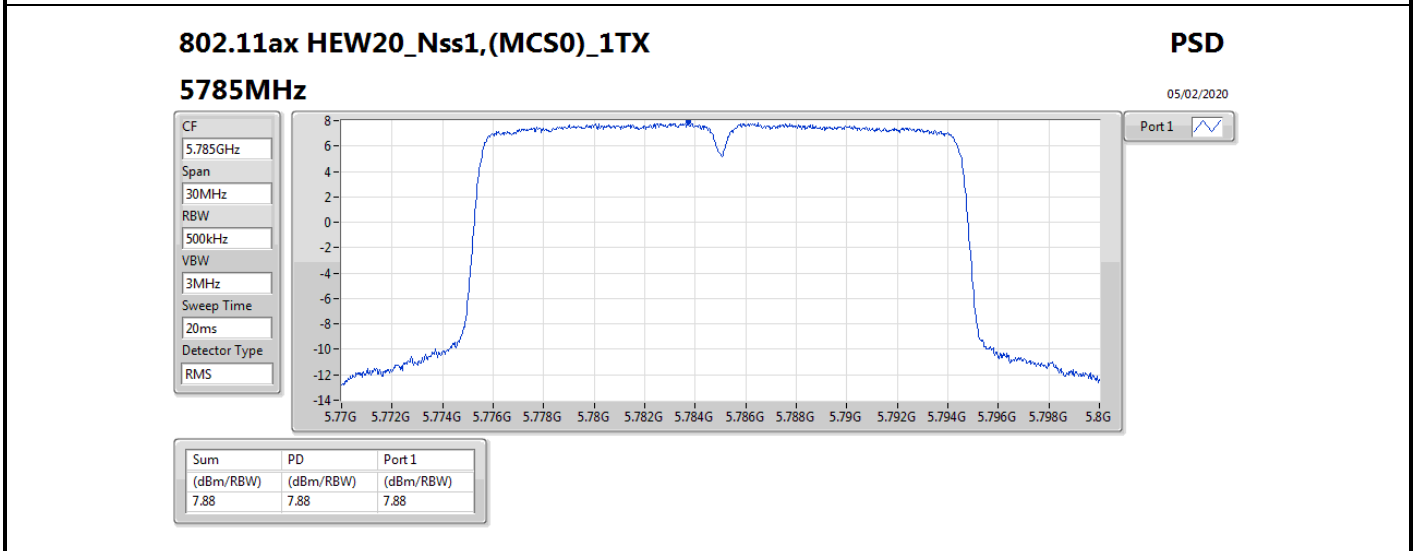
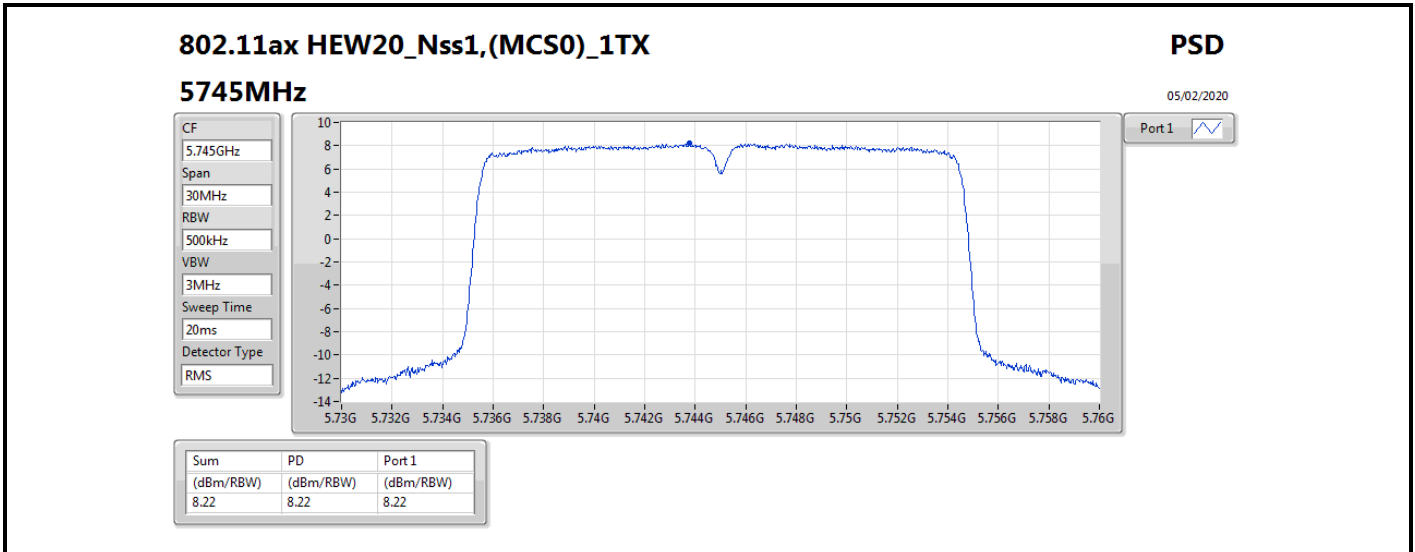


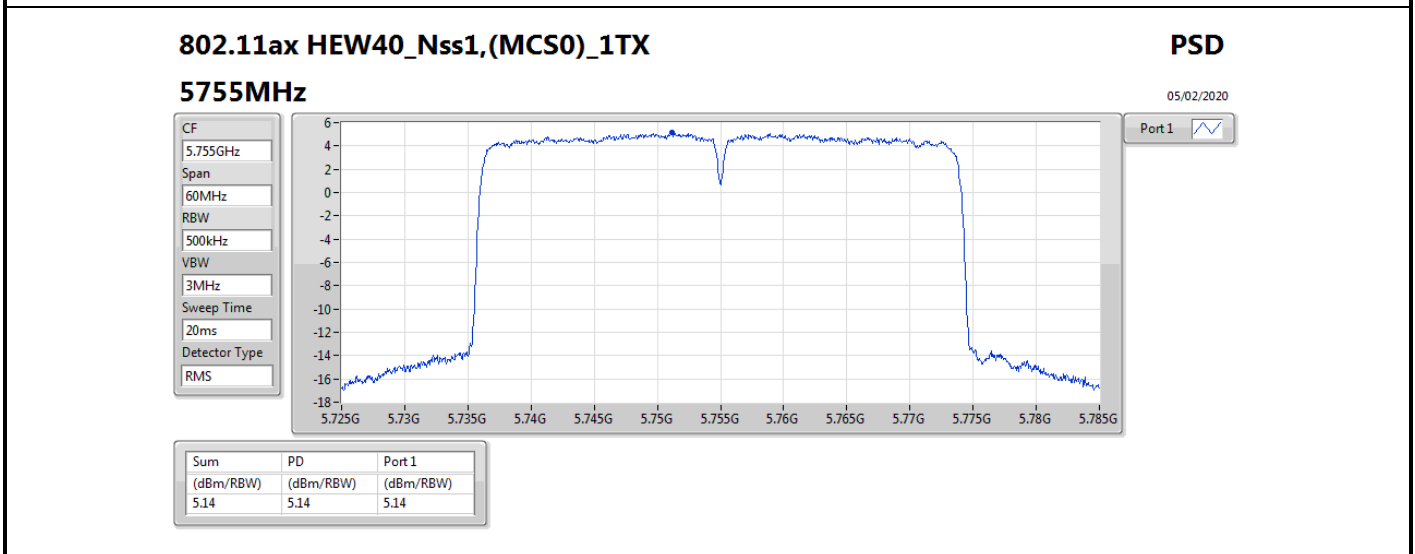
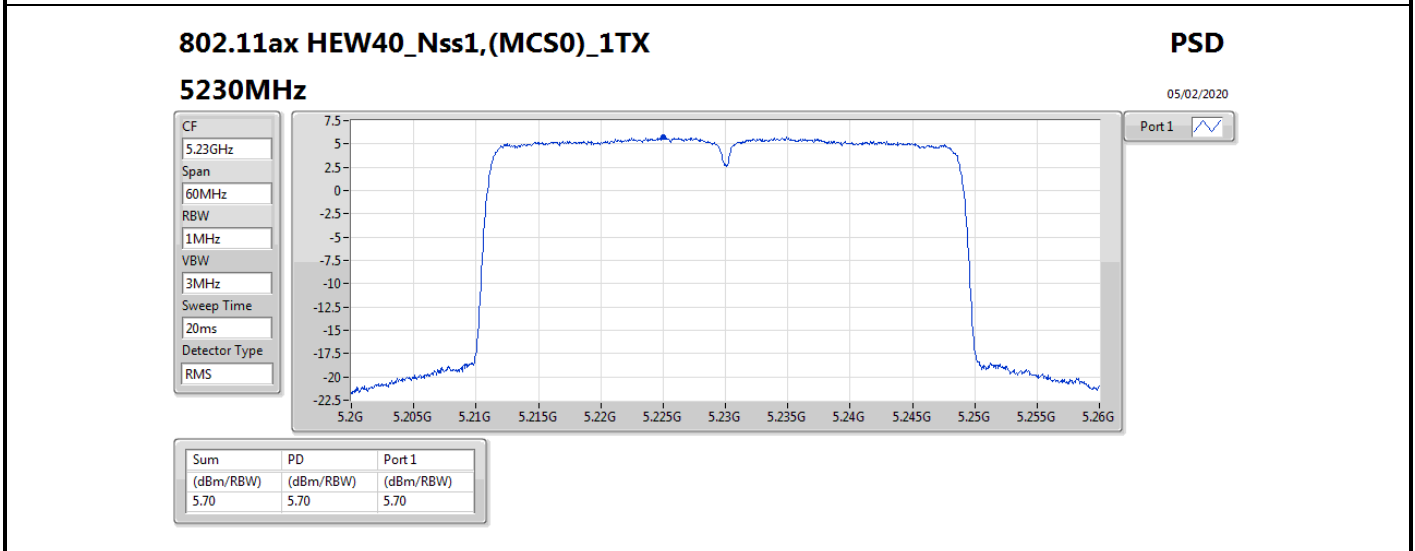
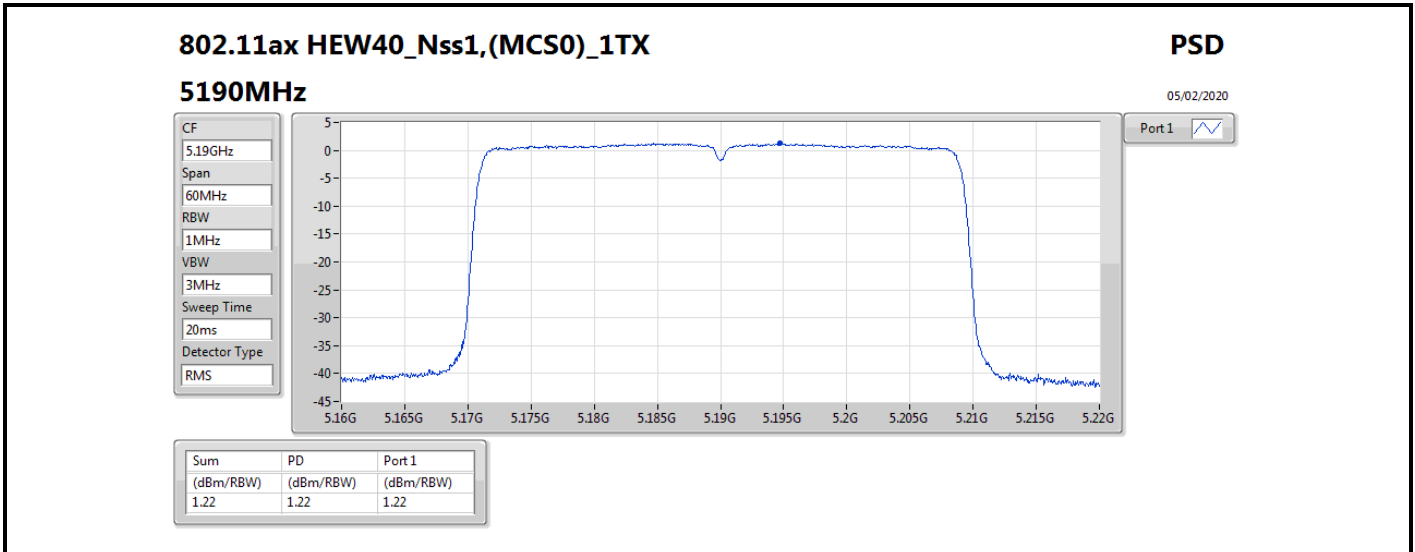




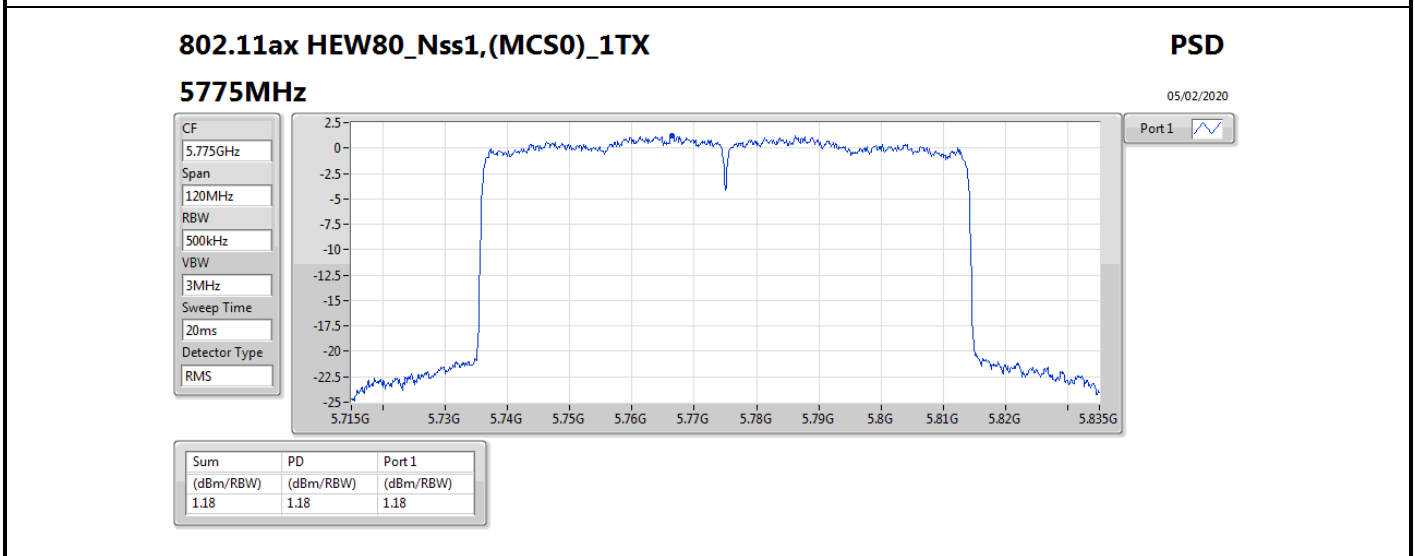
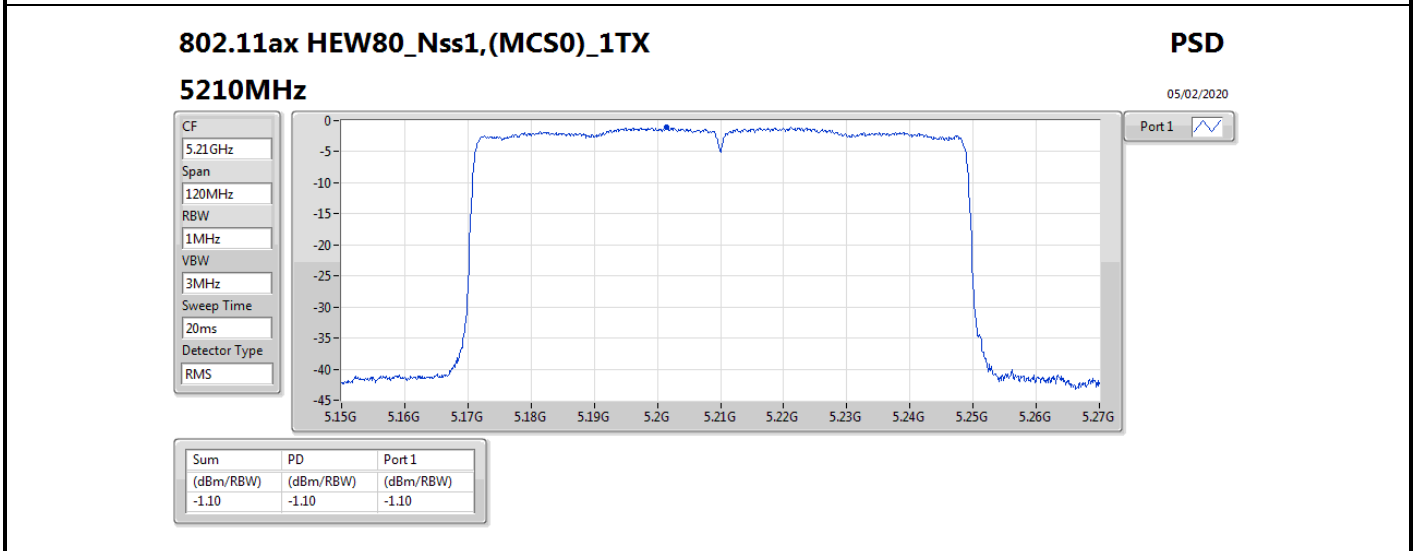
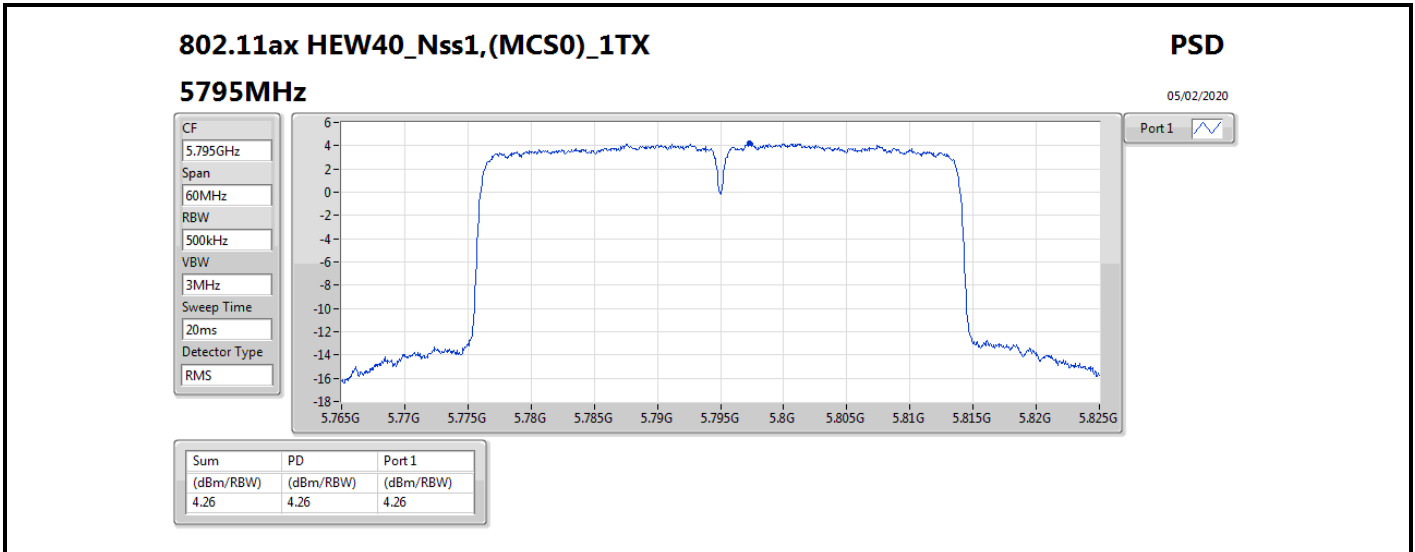














Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	13.57	21.60
802.11ac VHT20_Nss2,(MCS0)_2TX	12.02	17.04
802.11ac VHT40_Nss2,(MCS0)_2TX	7.98	13.00
802.11ac VHT80_Nss2,(MCS0)_2TX	0.40	5.42
802.11ax HEW20_Nss2,(MCS0)_2TX	12.49	17.51
802.11ax HEW40_Nss2,(MCS0)_2TX	8.07	13.09
802.11ax HEW80_Nss2,(MCS0)_2TX	0.52	5.54
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.80	19.83
802.11ac VHT20_Nss2,(MCS0)_2TX	11.22	16.24
802.11ac VHT40_Nss2,(MCS0)_2TX	7.93	12.95
802.11ac VHT80_Nss2,(MCS0)_2TX	3.12	8.14
802.11ax HEW20_Nss2,(MCS0)_2TX	11.26	16.28
802.11ax HEW40_Nss2,(MCS0)_2TX	7.90	12.92
802.11ax HEW80_Nss2,(MCS0)_2TX	3.19	8.21

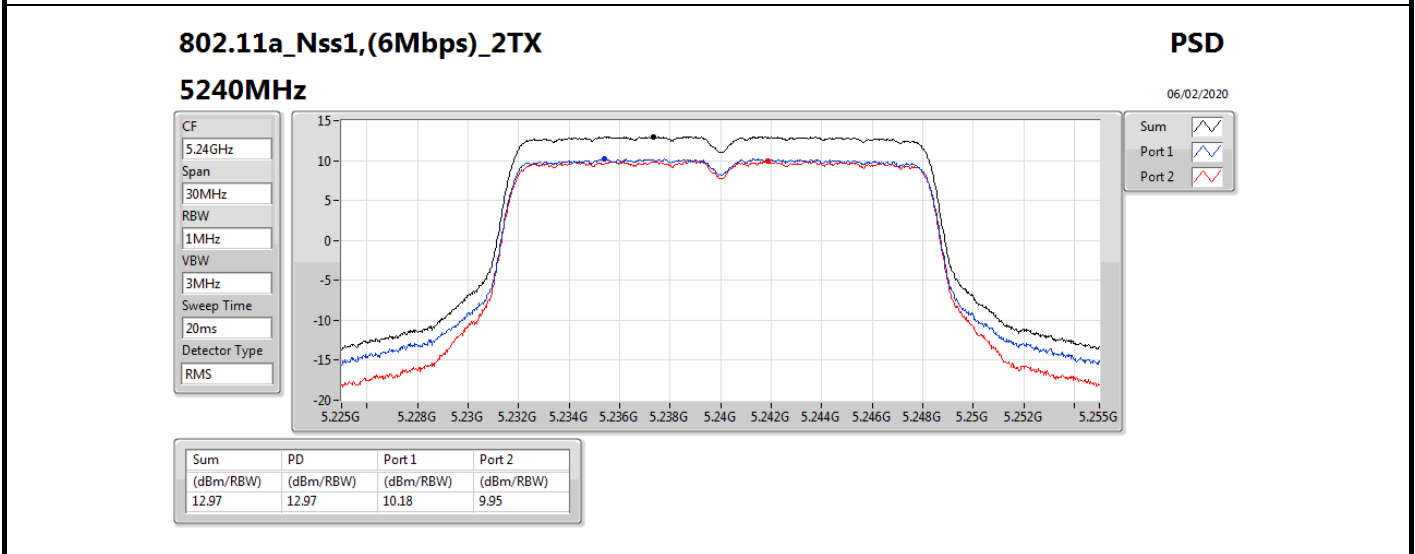
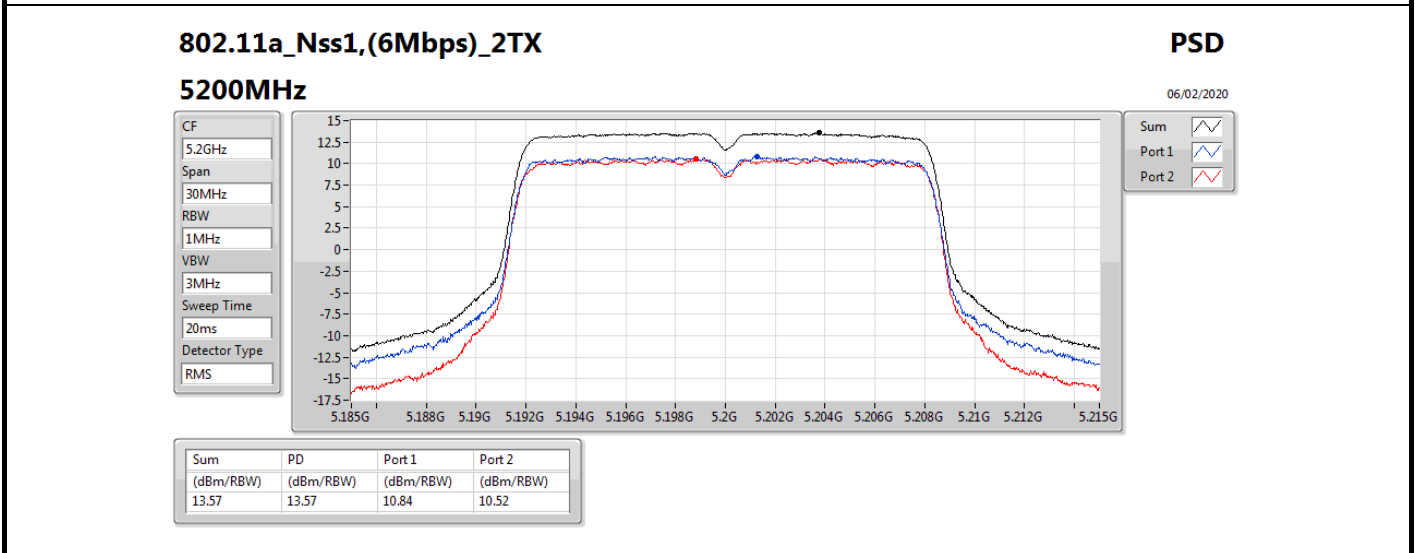
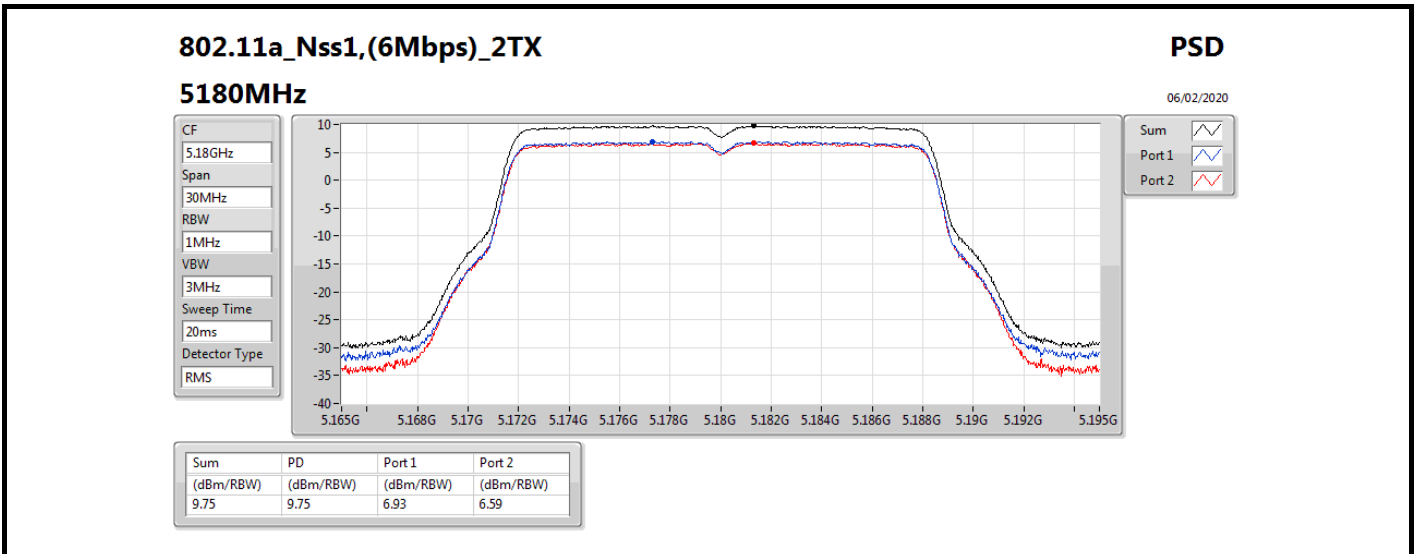
RBW = 500 kHz for 5.725-5.85GHz band / 1MHz for other band;

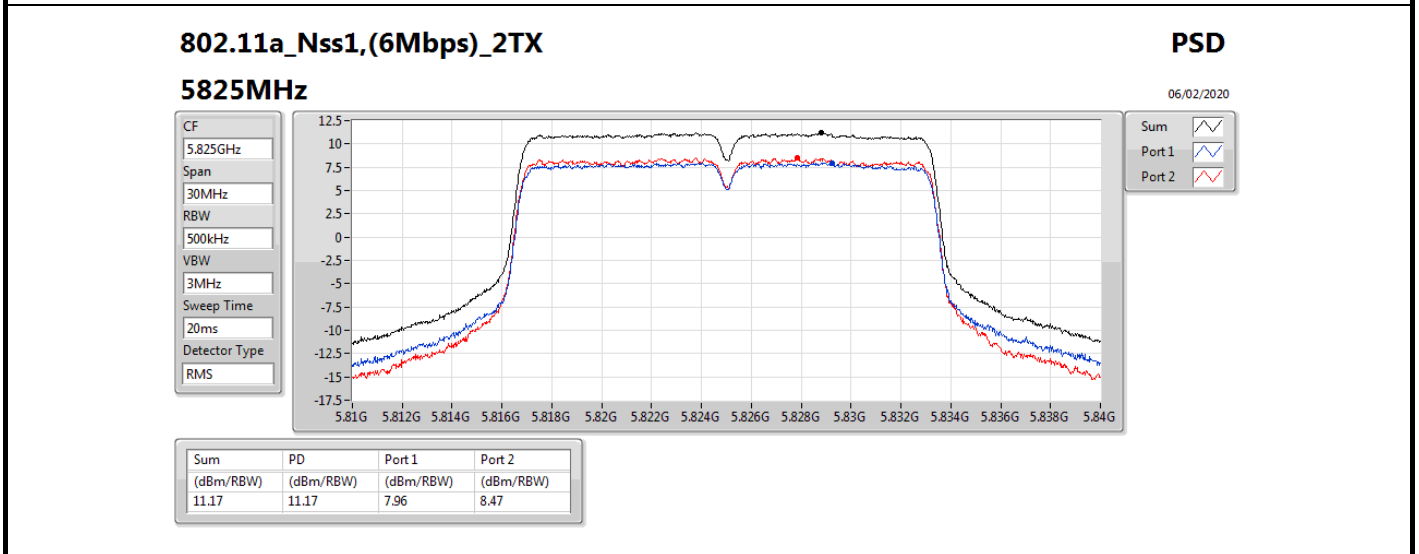
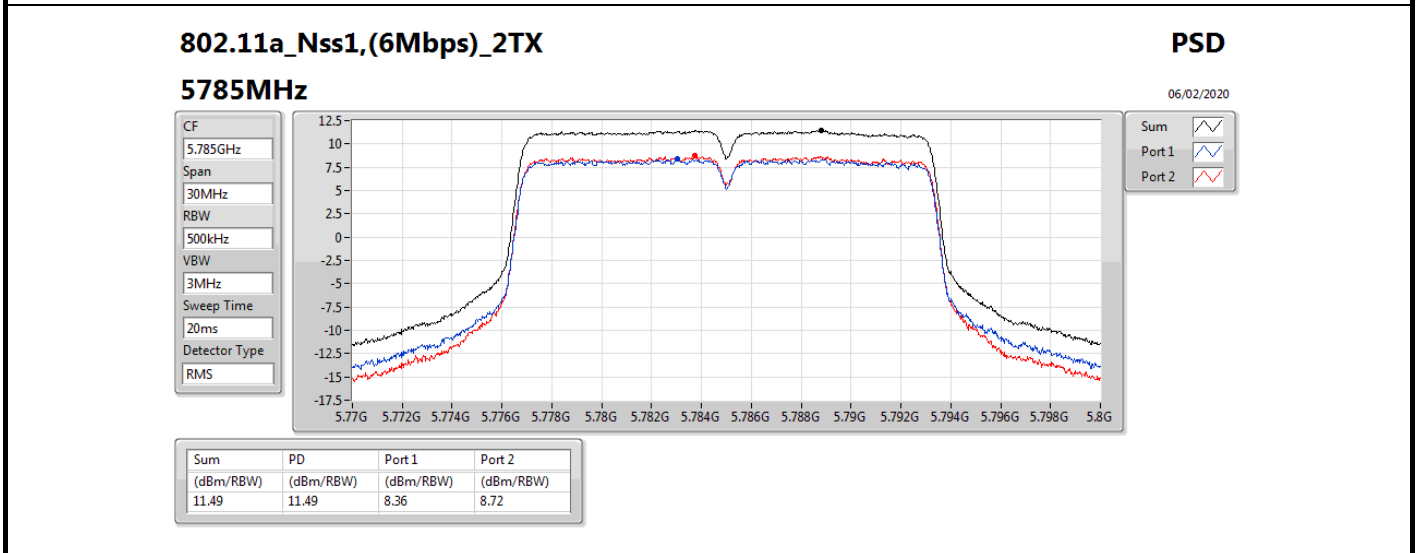
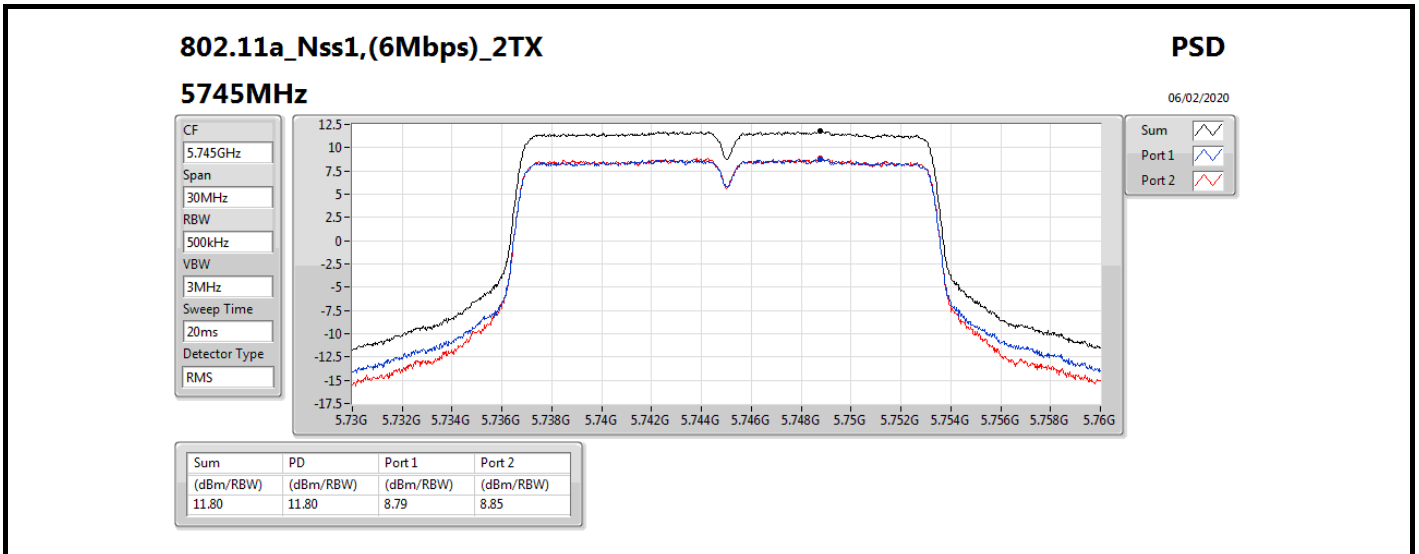


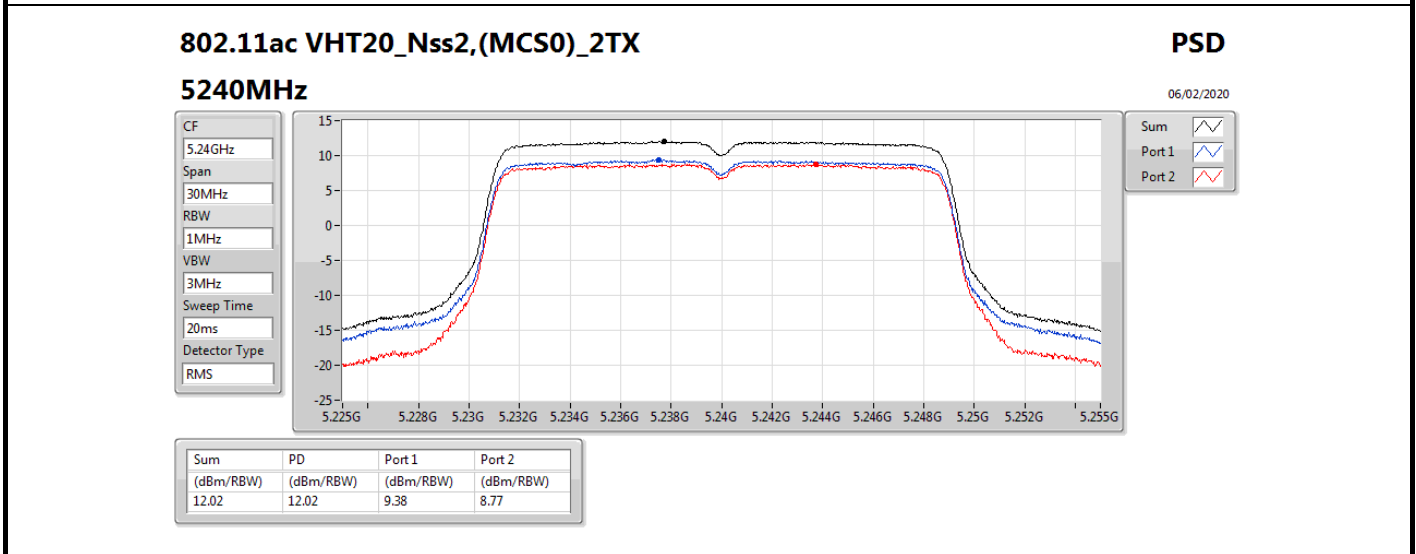
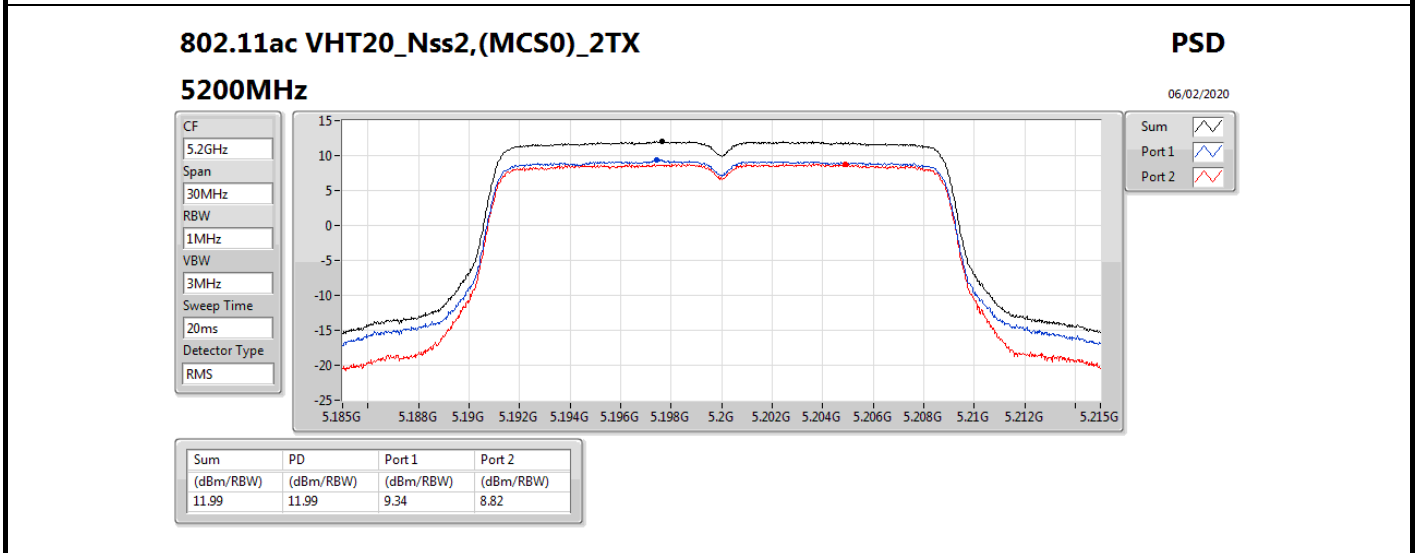
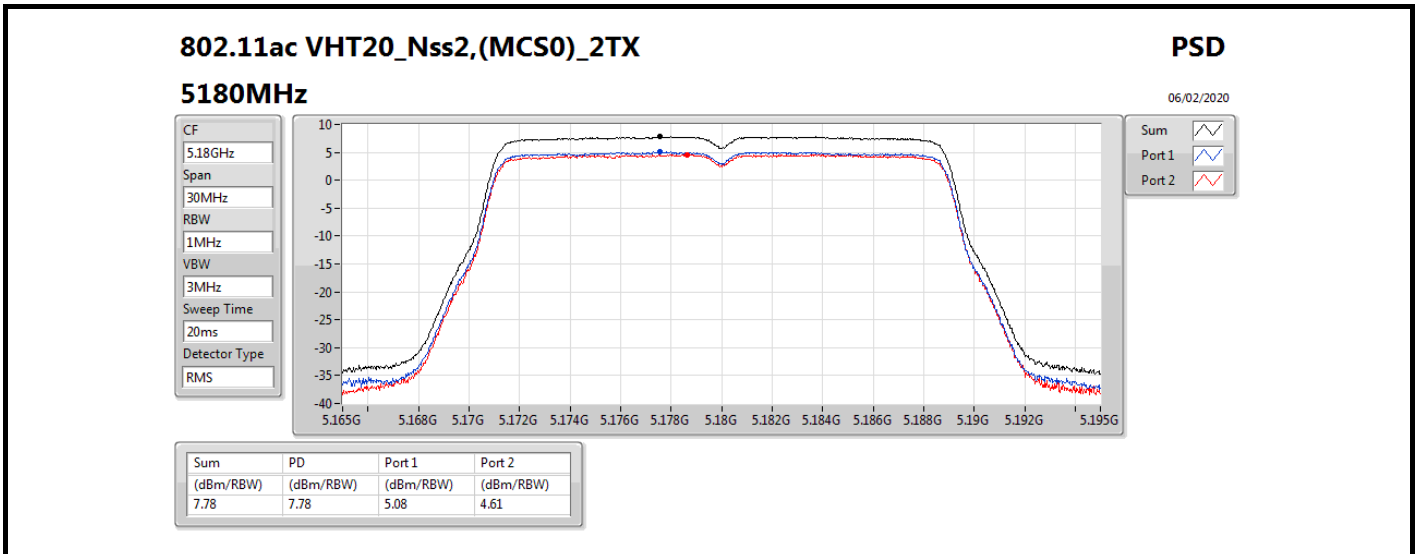
Result

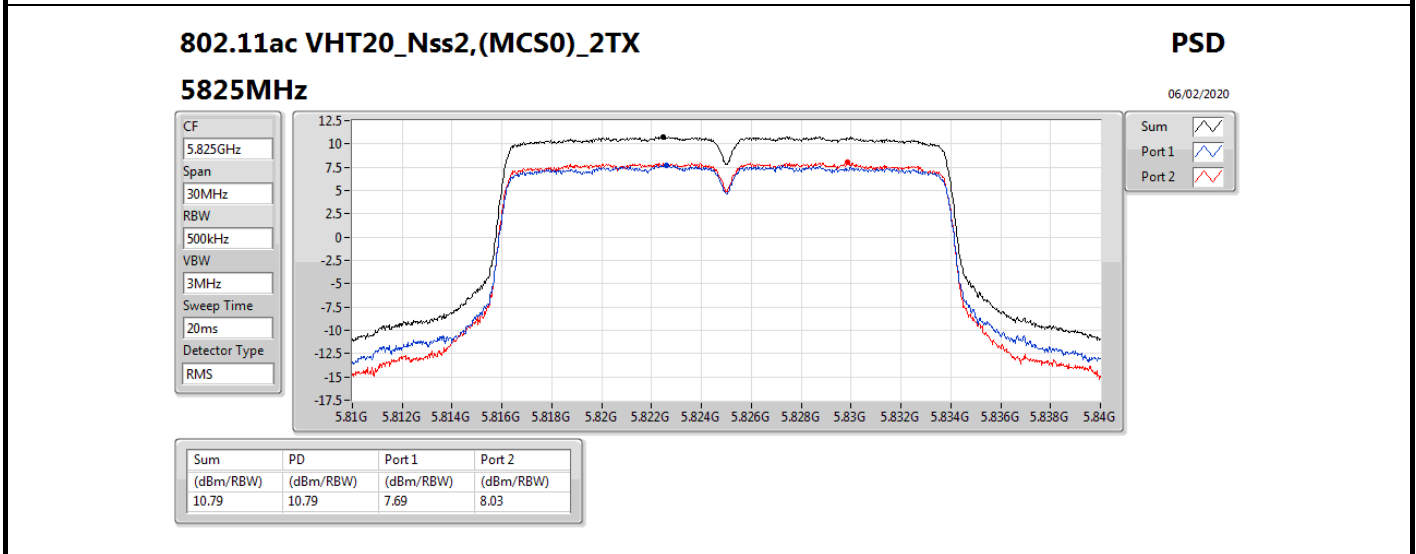
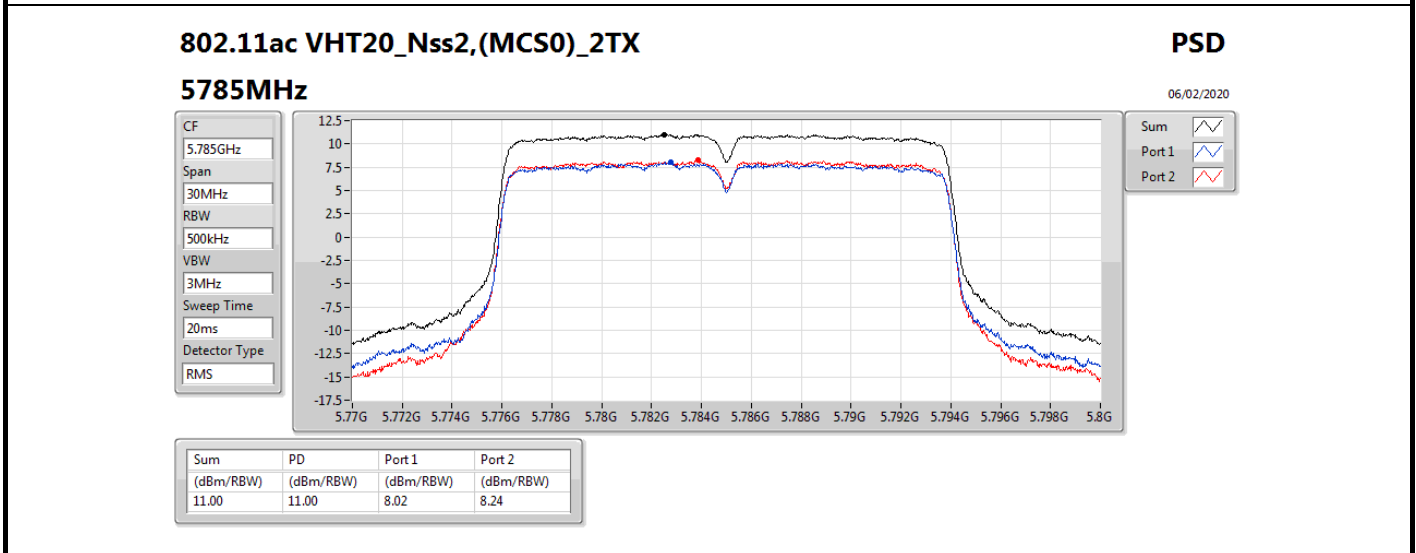
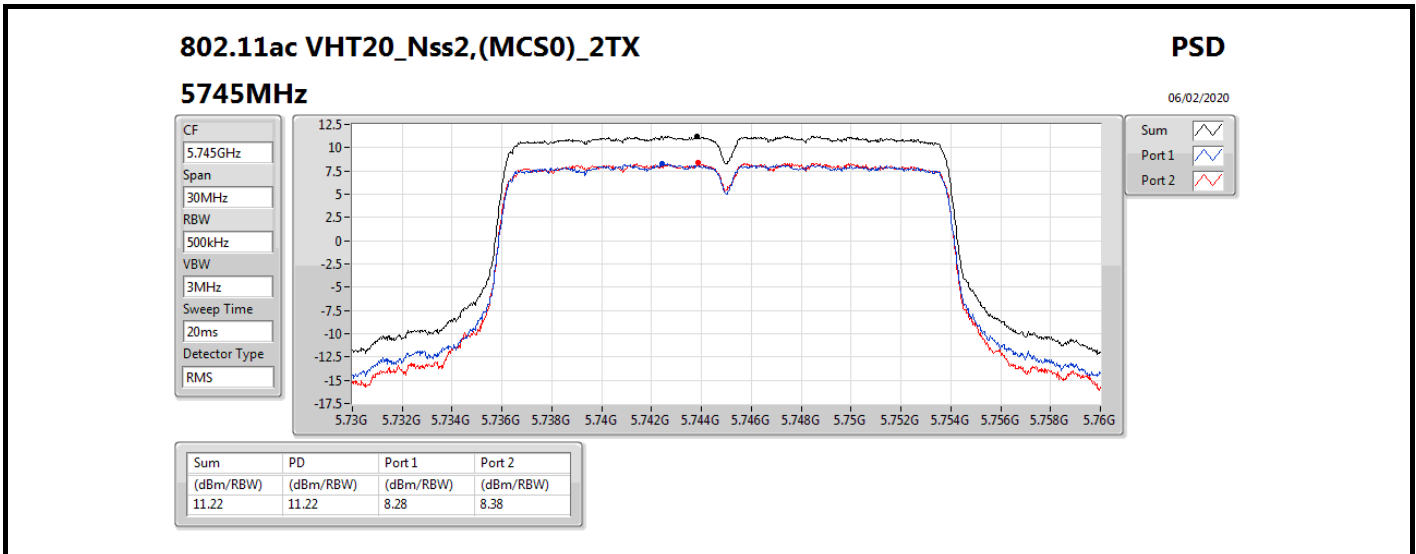
Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	8.03	6.93	6.59	9.75	14.97	17.78	23.00
5200MHz_TnomVnom	Pass	8.03	10.84	10.52	13.57	14.97	21.60	23.00
5240MHz_TnomVnom	Pass	8.03	10.18	9.95	12.97	14.97	21.00	23.00
5745MHz_TnomVnom	Pass	8.03	8.79	8.85	11.80	27.97	19.83	36.00
5785MHz_TnomVnom	Pass	8.03	8.36	8.72	11.49	27.97	19.52	36.00
5825MHz_TnomVnom	Pass	8.03	7.96	8.47	11.17	27.97	19.20	36.00
802.11ac VHT20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.02	5.08	4.61	7.78	17.00	12.80	23.00
5200MHz_TnomVnom	Pass	5.02	9.34	8.82	11.99	17.00	17.01	23.00
5240MHz_TnomVnom	Pass	5.02	9.38	8.77	12.02	17.00	17.04	23.00
5745MHz_TnomVnom	Pass	5.02	8.28	8.38	11.22	30.00	16.24	36.00
5785MHz_TnomVnom	Pass	5.02	8.02	8.24	11.00	30.00	16.02	36.00
5825MHz_TnomVnom	Pass	5.02	7.69	8.03	10.79	30.00	15.81	36.00
802.11ac VHT40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	5.02	0.43	-0.22	3.06	17.00	8.08	23.00
5230MHz_TnomVnom	Pass	5.02	5.29	4.71	7.98	17.00	13.00	23.00
5755MHz_TnomVnom	Pass	5.02	4.92	4.82	7.87	30.00	12.89	36.00
5795MHz_TnomVnom	Pass	5.02	4.98	5.13	7.93	30.00	12.95	36.00
802.11ac VHT80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	5.02	-2.45	-2.42	0.40	17.00	5.42	23.00
5775MHz_TnomVnom	Pass	5.02	0.31	0.22	3.12	30.00	8.14	36.00
802.11ax HEW20_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5180MHz_TnomVnom	Pass	5.02	5.16	4.57	7.83	17.00	12.85	23.00
5200MHz_TnomVnom	Pass	5.02	9.32	8.90	12.07	17.00	17.09	23.00
5240MHz_TnomVnom	Pass	5.02	9.61	9.41	12.49	17.00	17.51	23.00
5745MHz_TnomVnom	Pass	5.02	8.17	8.33	11.26	30.00	16.28	36.00
5785MHz_TnomVnom	Pass	5.02	7.90	8.24	11.01	30.00	16.03	36.00
5825MHz_TnomVnom	Pass	5.02	7.55	7.87	10.68	30.00	15.70	36.00
802.11ax HEW40_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5190MHz_TnomVnom	Pass	5.02	0.62	-0.08	3.15	17.00	8.17	23.00
5230MHz_TnomVnom	Pass	5.02	5.42	4.71	8.07	17.00	13.09	23.00
5755MHz_TnomVnom	Pass	5.02	5.00	5.04	7.87	30.00	12.89	36.00
5795MHz_TnomVnom	Pass	5.02	4.95	5.02	7.90	30.00	12.92	36.00
802.11ax HEW80_Nss2,(MCS0)_2TX	-	-	-	-	-	-	-	-
5210MHz_TnomVnom	Pass	5.02	-2.26	-2.44	0.52	17.00	5.54	23.00
5775MHz_TnomVnom	Pass	5.02	0.36	0.08	3.19	30.00	8.21	36.00

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









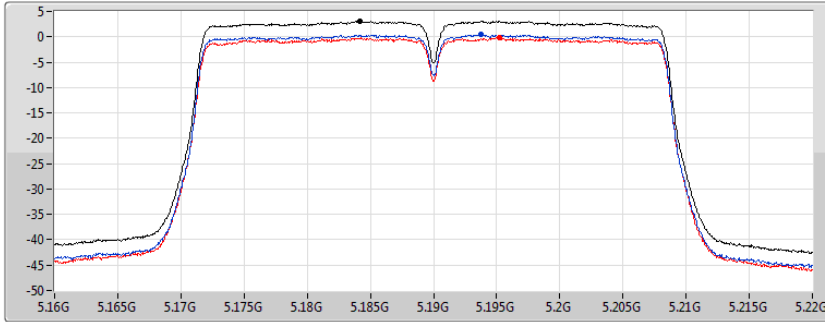
802.11ac VHT40\_Nss2,(MCS0)\_2TX

PSD

5190MHz

06/02/2020

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



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.06	3.06	0.43	-0.22

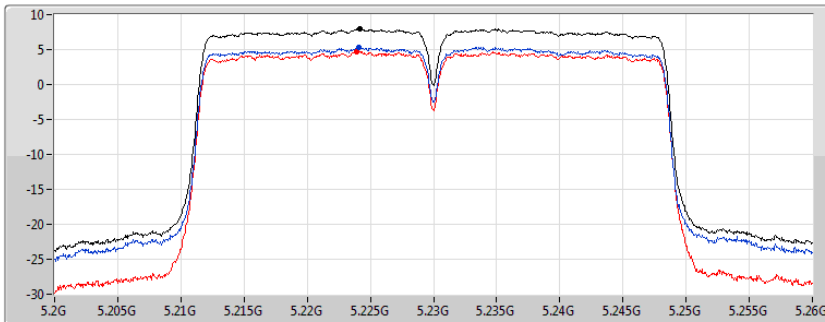
802.11ac VHT40\_Nss2,(MCS0)\_2TX

PSD

5230MHz

06/02/2020

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



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.98	7.98	5.29	4.71

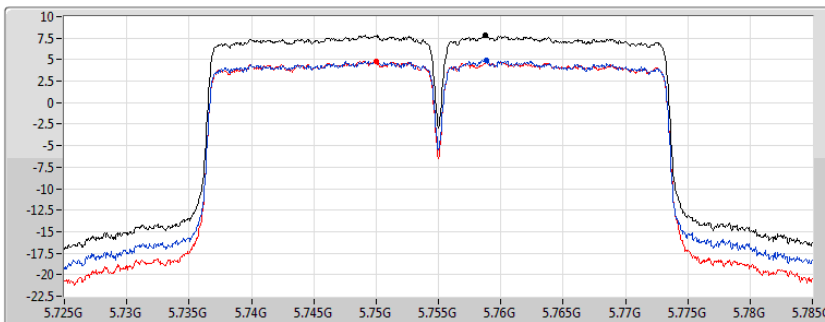
802.11ac VHT40\_Nss2,(MCS0)\_2TX

PSD

5755MHz

06/02/2020

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



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.87	7.87	4.92	4.82



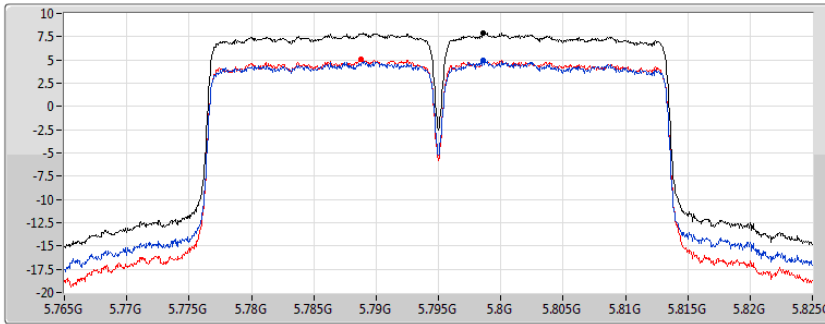
802.11ac VHT40\_Nss2,(MCS0)\_2TX

PSD

5795MHz

06/02/2020

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



Sum   
Port 1   
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	4.98	5.13

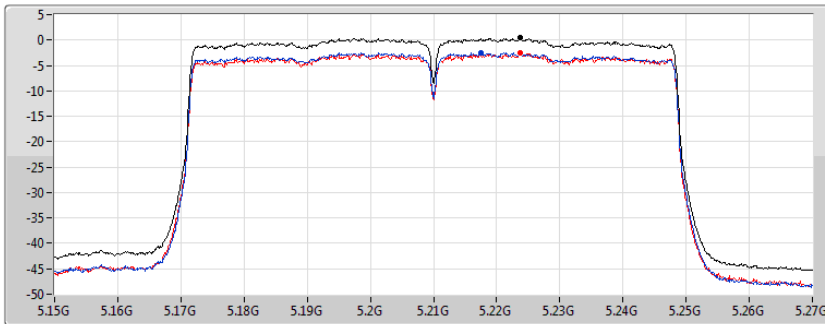
802.11ac VHT80\_Nss2,(MCS0)\_2TX

PSD

5210MHz

06/02/2020

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



Sum   
Port 1   
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.40	0.40	-2.45	-2.42

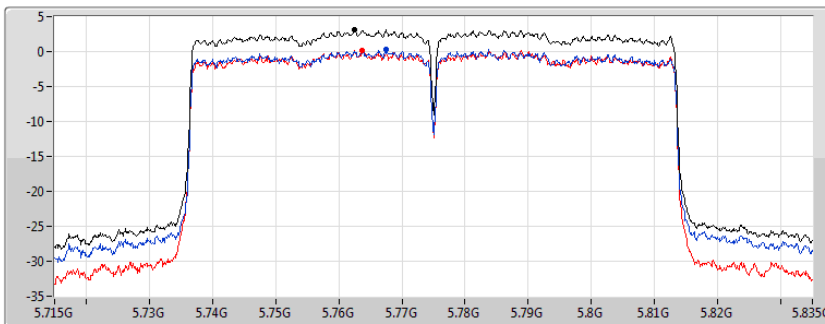
802.11ac VHT80\_Nss2,(MCS0)\_2TX

PSD

5775MHz

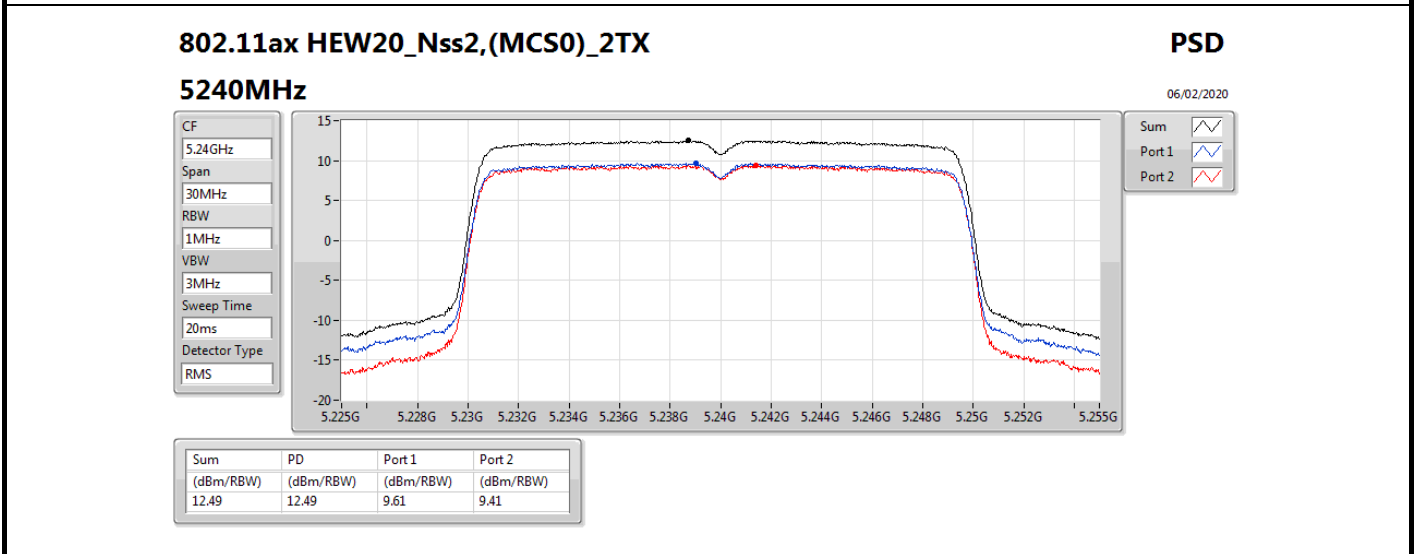
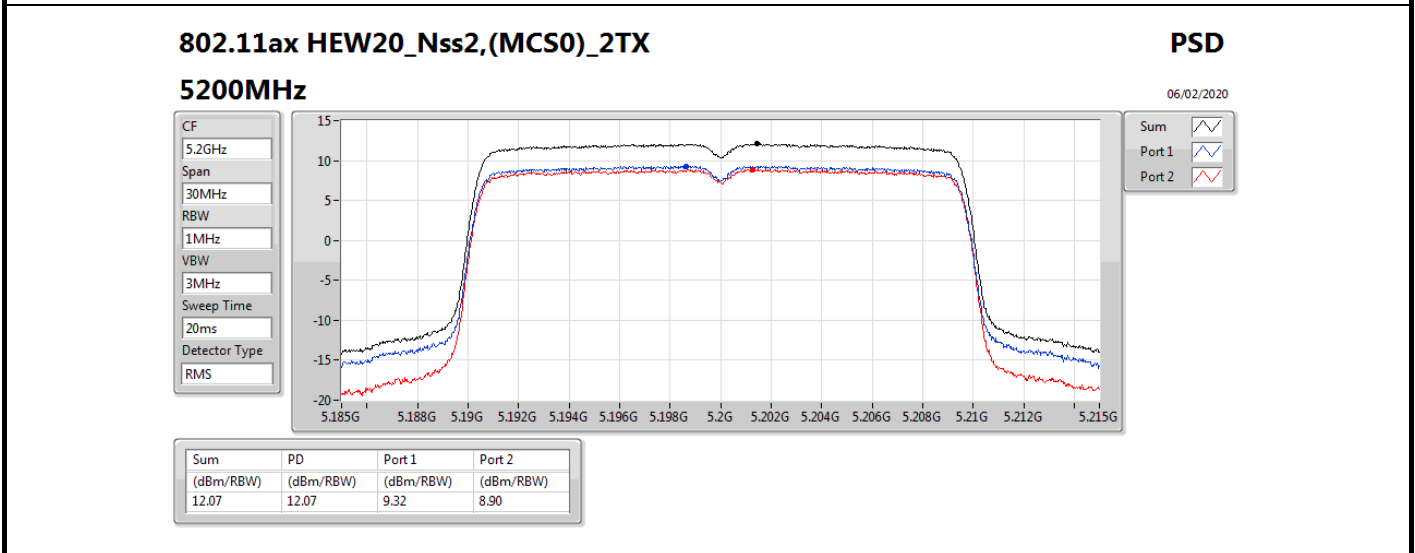
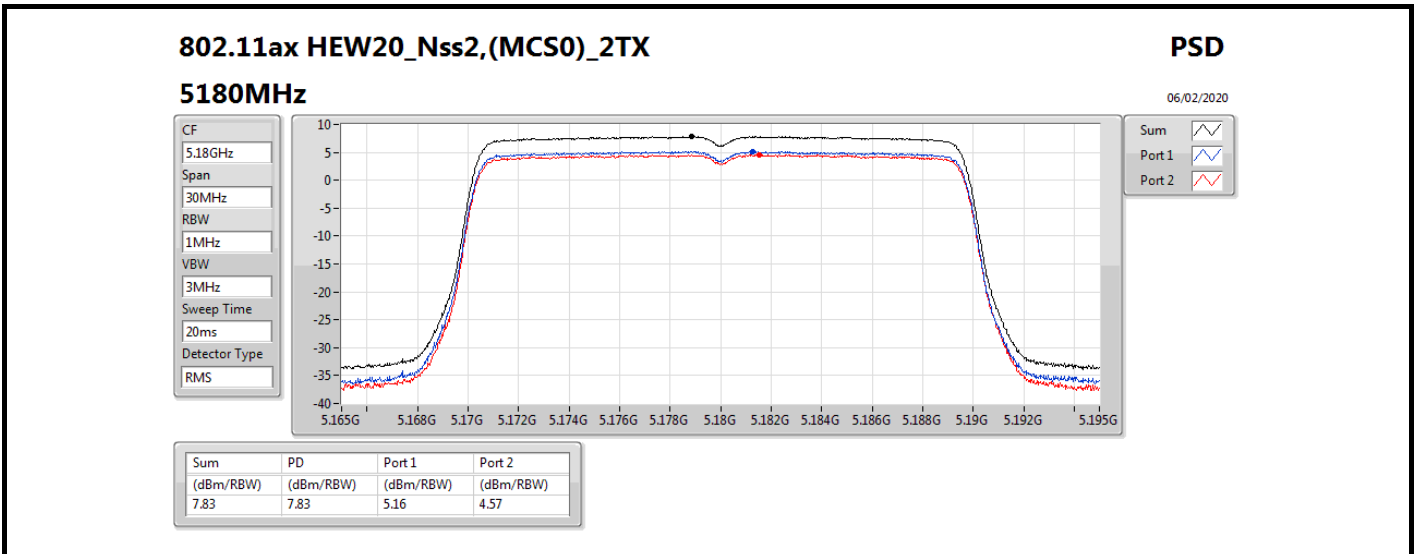
06/02/2020

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



Sum   
Port 1   
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.12	3.12	0.31	0.22



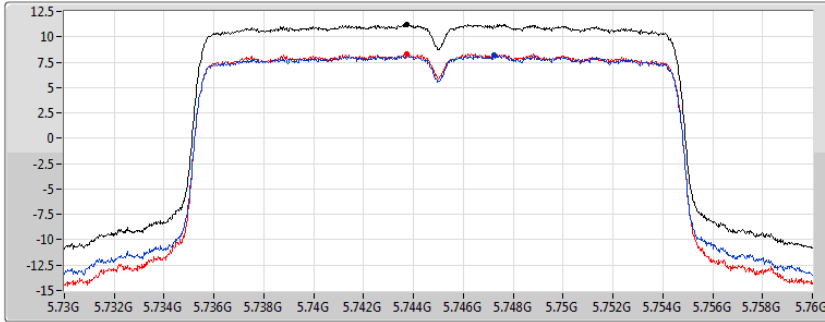
802.11ax HEW20\_Nss2,(MCS0)\_2TX

PSD

5745MHz

06/02/2020

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



Sum   
Port 1   
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.26	11.26	8.17	8.33

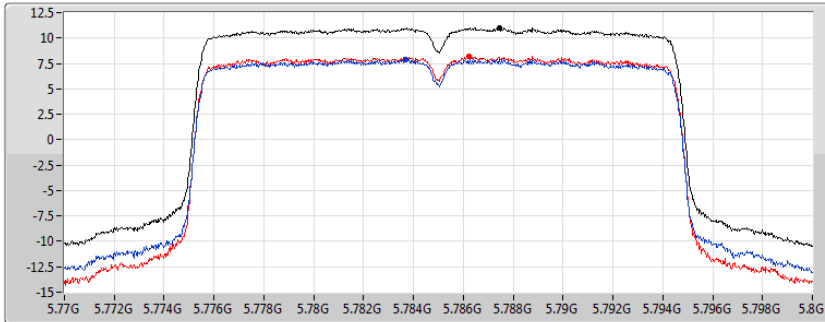
802.11ax HEW20\_Nss2,(MCS0)\_2TX

PSD

5785MHz

06/02/2020

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



Sum   
Port 1   
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.01	11.01	7.90	8.24

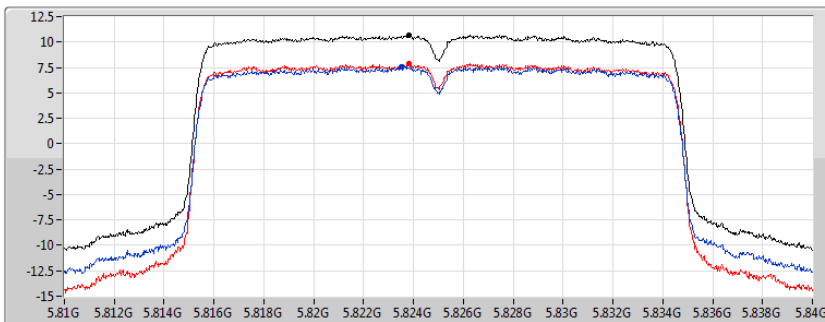
802.11ax HEW20\_Nss2,(MCS0)\_2TX

PSD

5825MHz

06/02/2020

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



Sum   
Port 1   
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.68	10.68	7.55	7.87

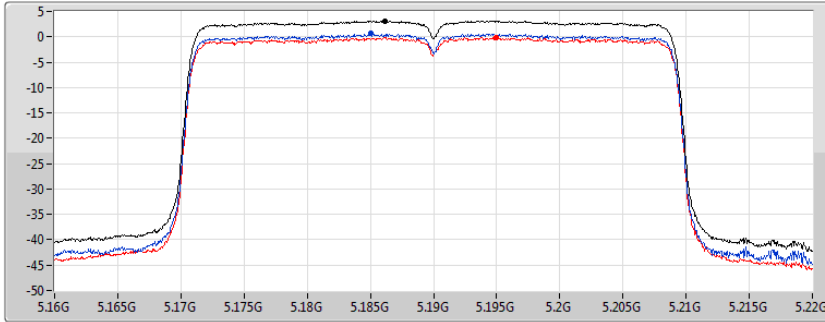
802.11ax HEW40\_Nss2,(MCS0)\_2TX

PSD

5190MHz

06/02/2020

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



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.15	3.15	0.62	-0.08

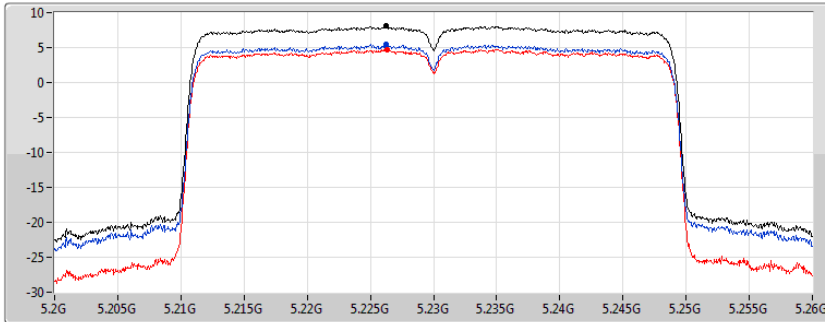
802.11ax HEW40\_Nss2,(MCS0)\_2TX

PSD

5230MHz

06/02/2020

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



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.07	8.07	5.42	4.71

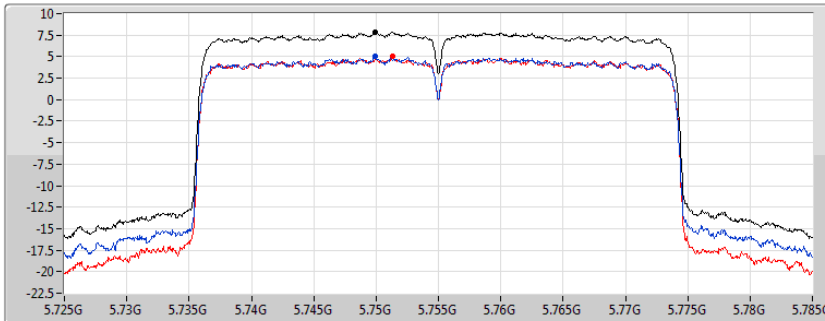
802.11ax HEW40\_Nss2,(MCS0)\_2TX

PSD

5755MHz

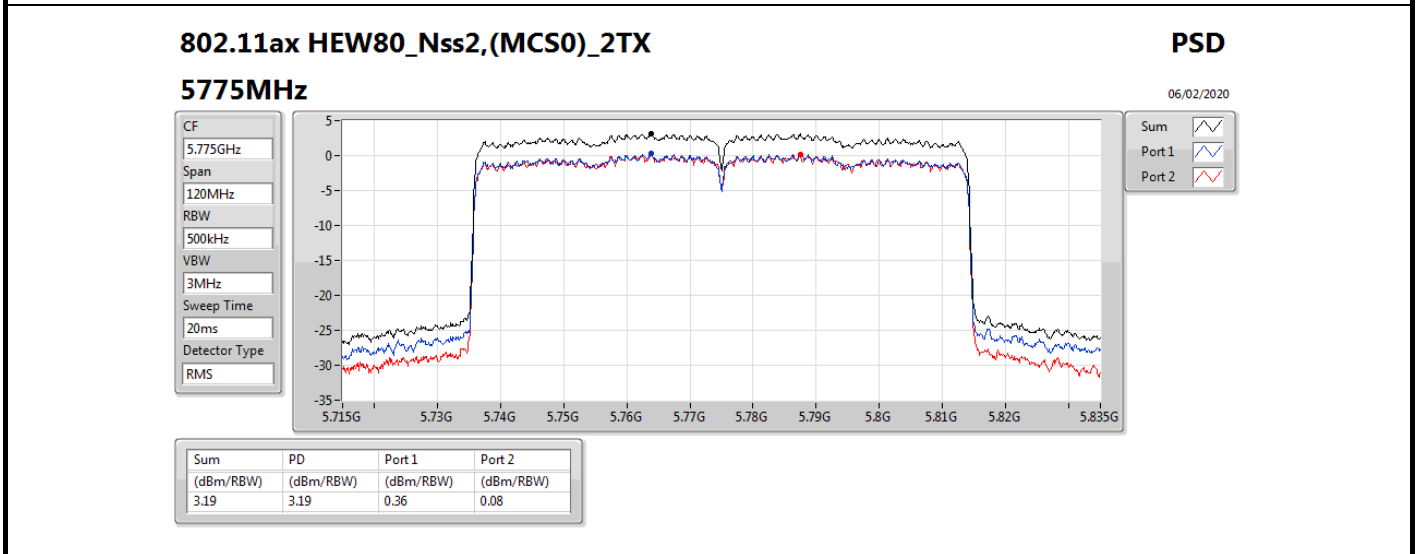
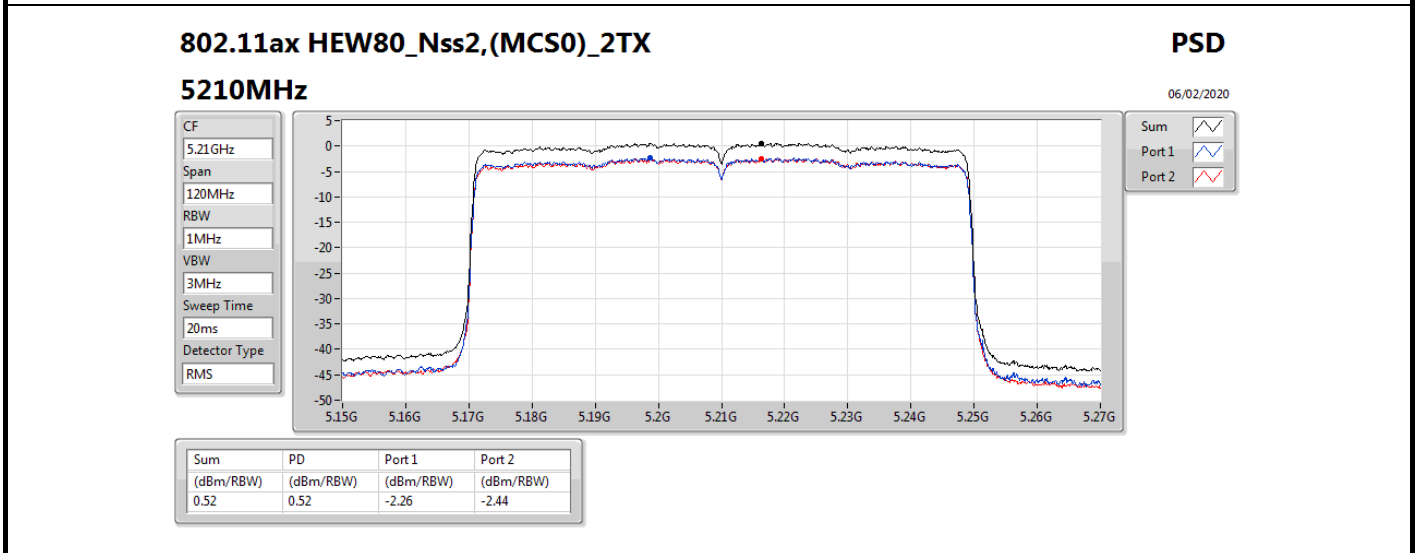
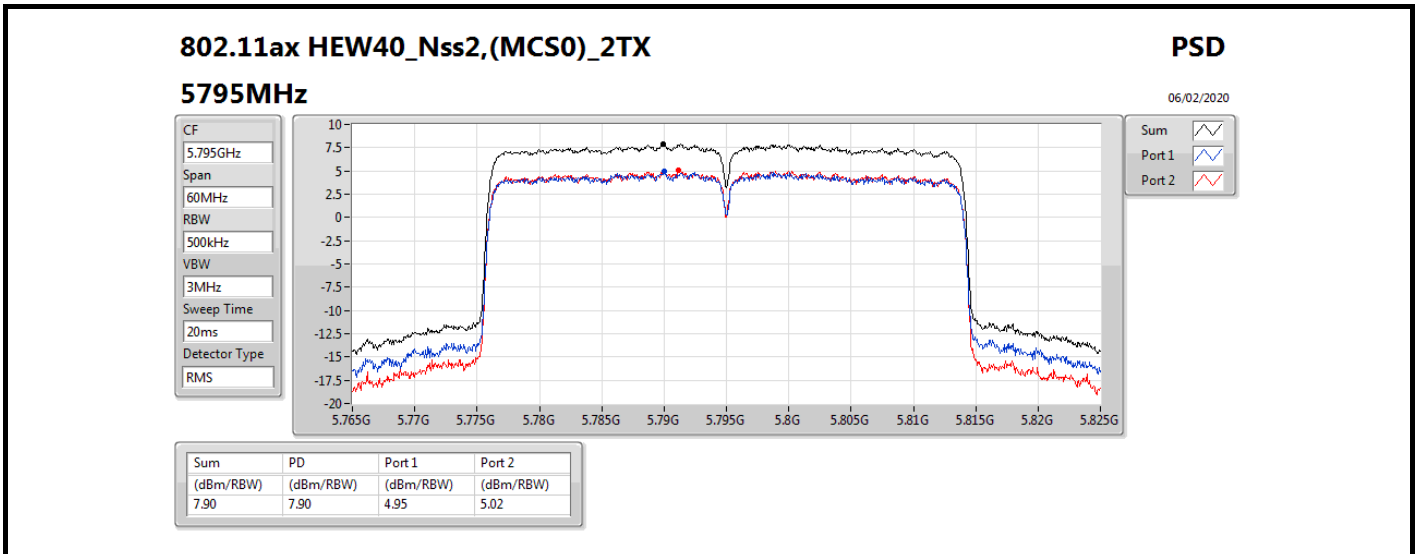
06/02/2020

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



Sum  
Port 1  
Port 2

Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.87	7.87	5.00	5.04





Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.01	18.01
802.11ac VHT20_Nss1,(MCS0)_1TX	10.28	18.28
802.11ac VHT40_Nss1,(MCS0)_1TX	4.68	12.68
802.11ac VHT80_Nss1,(MCS0)_1TX	-3.42	4.58
802.11ax HEW20_Nss1,(MCS0)_1TX	9.28	17.28
802.11ax HEW40_Nss1,(MCS0)_1TX	4.51	12.51
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.32	4.68
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	8.33	16.33
802.11ac VHT20_Nss1,(MCS0)_1TX	8.55	16.55
802.11ac VHT40_Nss1,(MCS0)_1TX	4.47	12.47
802.11ac VHT80_Nss1,(MCS0)_1TX	-3.1	4.90
802.11ax HEW20_Nss1,(MCS0)_1TX	8.15	16.15
802.11ax HEW40_Nss1,(MCS0)_1TX	4.28	12.28
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.73	5.27

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

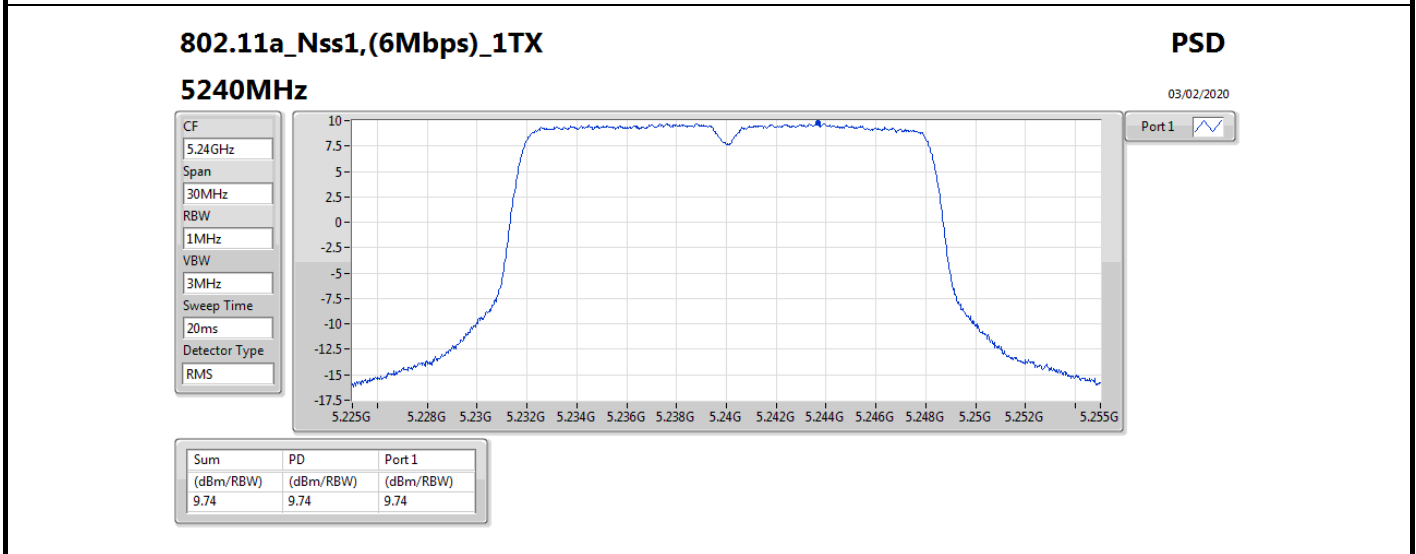
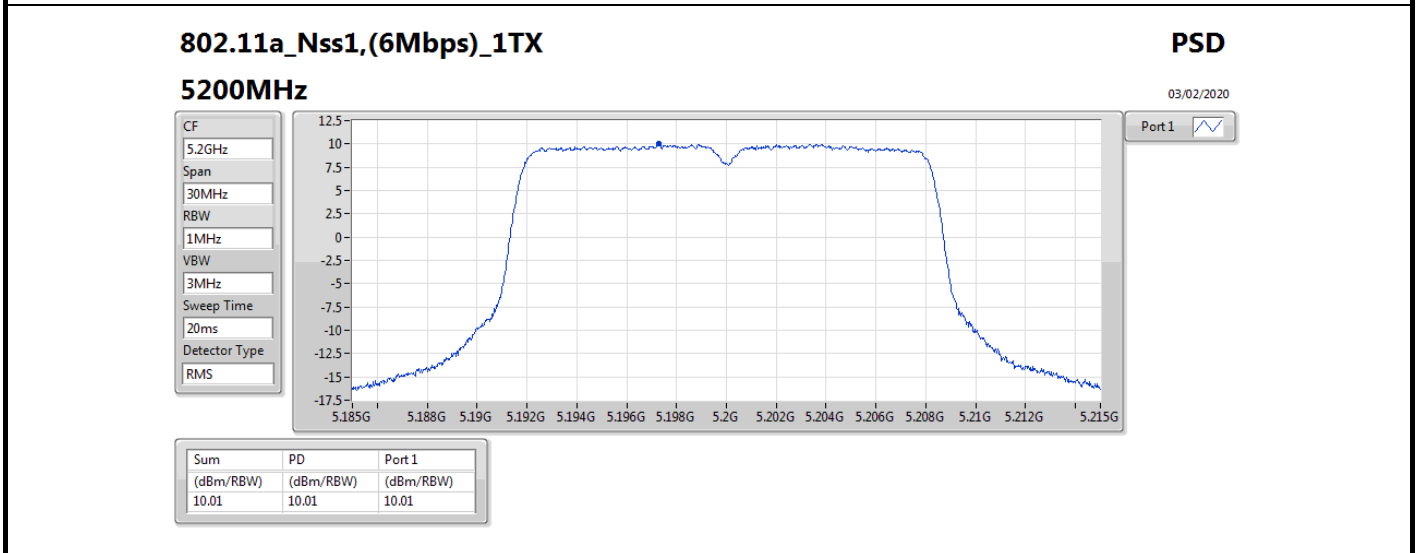
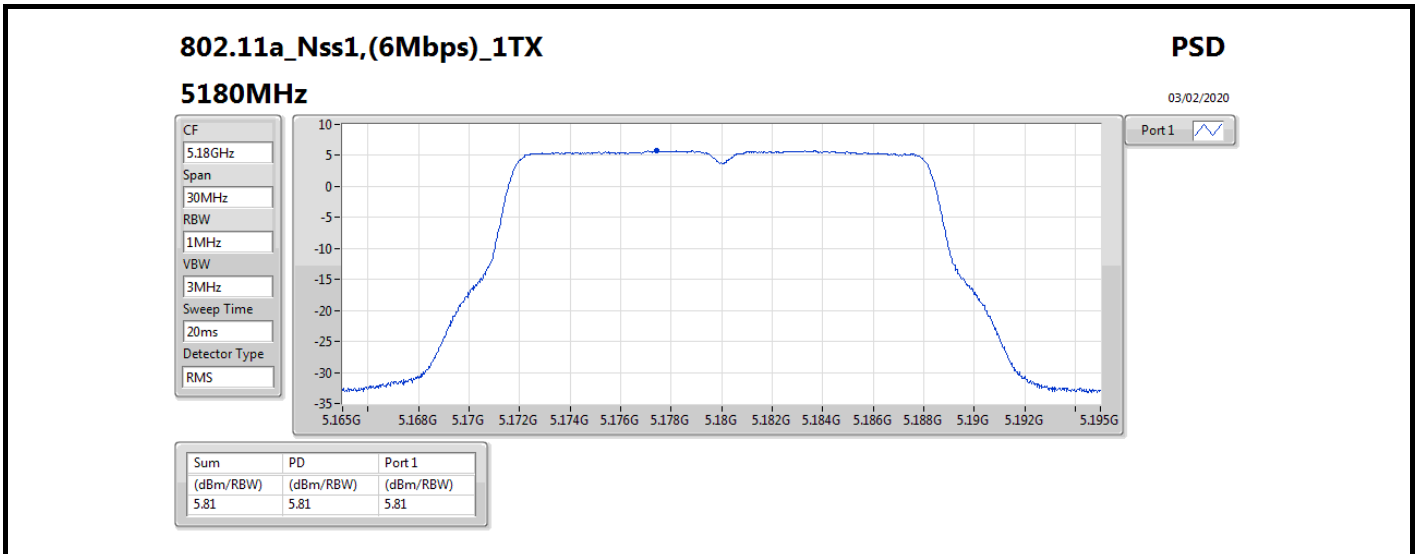


**PSD\_Non-Beamforming Indoor\_Sample 2\_Radio 1\_Omni\_1T1S Appendix D.5**

**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	-	-	-	-	-	-	-
5180MHz	Pass	8.00	5.81	5.81	15.00	13.81	23.00
5200MHz	Pass	8.00	10.01	10.01	15.00	18.01	23.00
5240MHz	Pass	8.00	9.74	9.74	15.00	17.74	23.00
5745MHz	Pass	8.00	5.62	5.62	28.00	13.62	36.00
5785MHz	Pass	8.00	8.33	8.33	28.00	16.33	36.00
5825MHz	Pass	8.00	8.33	8.33	28.00	16.33	36.00
802.11ac VHT20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	4.77	4.77	15.00	12.77	23.00
5200MHz	Pass	8.00	8.94	8.94	15.00	16.94	23.00
5240MHz	Pass	8.00	10.28	10.28	15.00	18.28	23.00
5745MHz	Pass	8.00	7.92	7.92	28.00	15.92	36.00
5785MHz	Pass	8.00	8.44	8.44	28.00	16.44	36.00
5825MHz	Pass	8.00	8.55	8.55	28.00	16.55	36.00
802.11ac VHT40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	-0.28	-0.28	15.00	7.72	23.00
5230MHz	Pass	8.00	4.68	4.68	15.00	12.68	23.00
5755MHz	Pass	8.00	3	3.00	28.00	11.00	36.00
5795MHz	Pass	8.00	4.47	4.47	28.00	12.47	36.00
802.11ac VHT80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-3.42	-3.42	15.00	4.58	23.00
5775MHz	Pass	8.00	-3.1	-3.10	28.00	4.90	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5180MHz	Pass	8.00	3.92	3.92	15.00	11.92	23.00
5200MHz	Pass	8.00	8.06	8.06	15.00	16.06	23.00
5240MHz	Pass	8.00	9.28	9.28	15.00	17.28	23.00
5745MHz	Pass	8.00	7.53	7.53	28.00	15.53	36.00
5785MHz	Pass	8.00	8	8.00	28.00	16.00	36.00
5825MHz	Pass	8.00	8.15	8.15	28.00	16.15	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5190MHz	Pass	8.00	-0.39	-0.39	15.00	7.61	23.00
5230MHz	Pass	8.00	4.51	4.51	15.00	12.51	23.00
5755MHz	Pass	8.00	2.77	2.77	28.00	10.77	36.00
5795MHz	Pass	8.00	4.28	4.28	28.00	12.28	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5210MHz	Pass	8.00	-3.32	-3.32	15.00	4.68	23.00
5775MHz	Pass	8.00	-2.73	-2.73	28.00	5.27	36.00

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







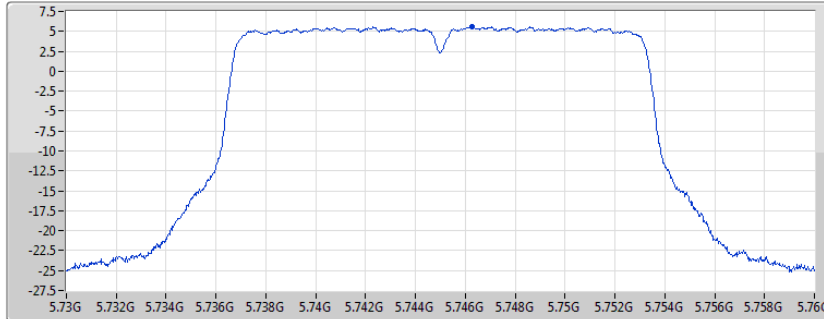
### 802.11a\_Nss1,(6Mbps)\_1TX

PSD

5745MHz

03/02/2020

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.62	5.62	5.62

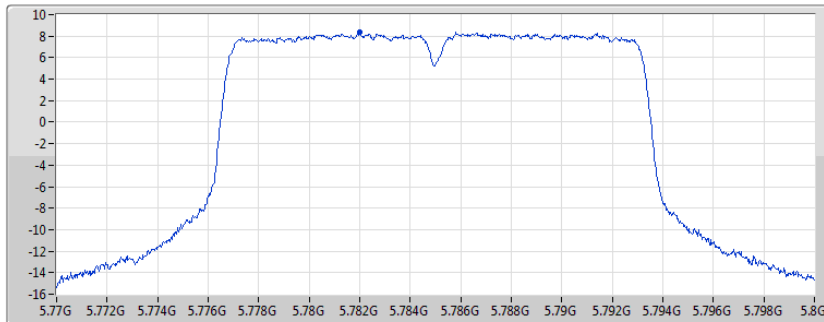
### 802.11a\_Nss1,(6Mbps)\_1TX

PSD

5785MHz

03/02/2020

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.33	8.33	8.33

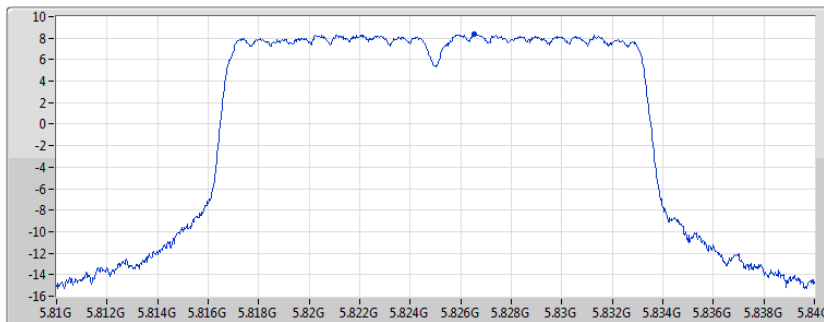
### 802.11a\_Nss1,(6Mbps)\_1TX

PSD

5825MHz

03/02/2020

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.33	8.33	8.33



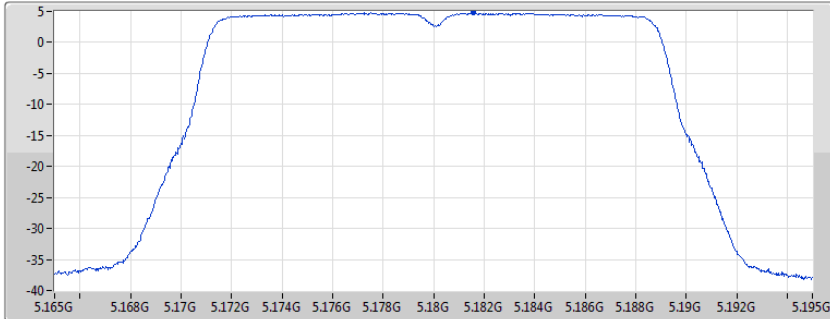
802.11ac VHT20\_Nss1,(MCS0)\_1TX

PSD

5180MHz

04/02/2020

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.77	4.77	4.77

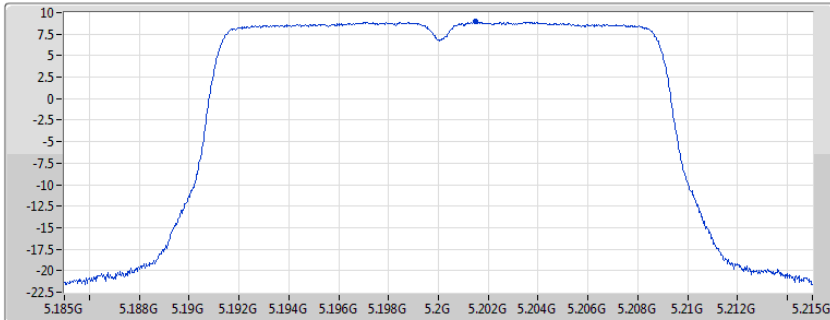
802.11ac VHT20\_Nss1,(MCS0)\_1TX

PSD

5200MHz

04/02/2020

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.94	8.94	8.94

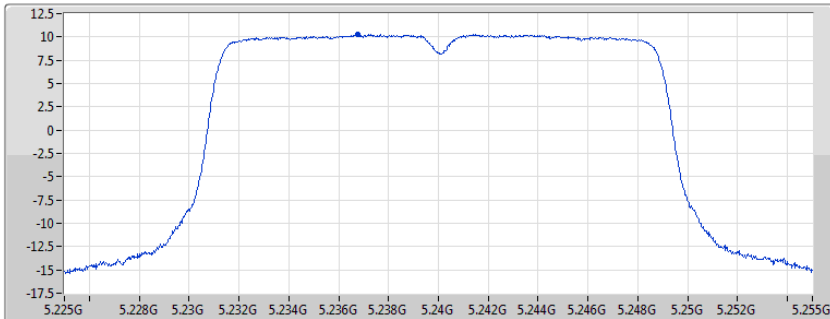
802.11ac VHT20\_Nss1,(MCS0)\_1TX

PSD

5240MHz

04/02/2020

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.28	10.28	10.28

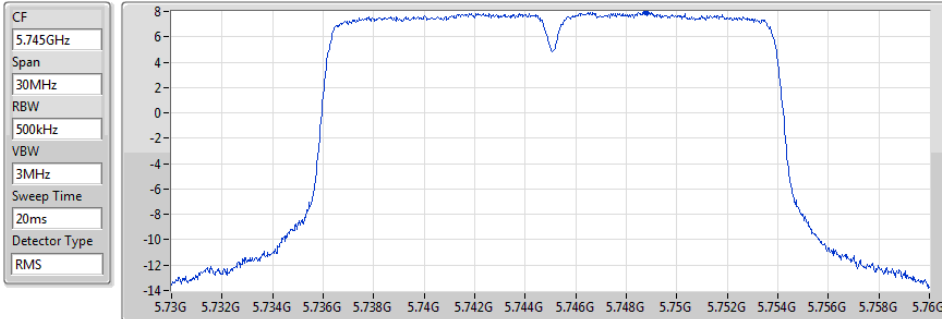


802.11ac VHT20\_Nss1,(MCS0)\_1TX

PSD

5745MHz

04/02/2020



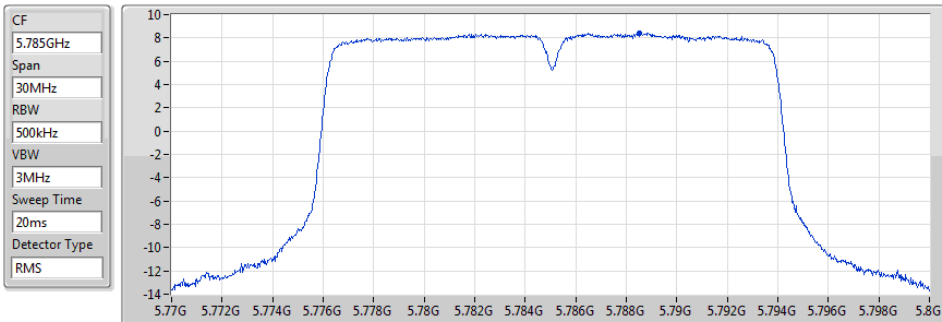
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.92	7.92	7.92

802.11ac VHT20\_Nss1,(MCS0)\_1TX

PSD

5785MHz

04/02/2020



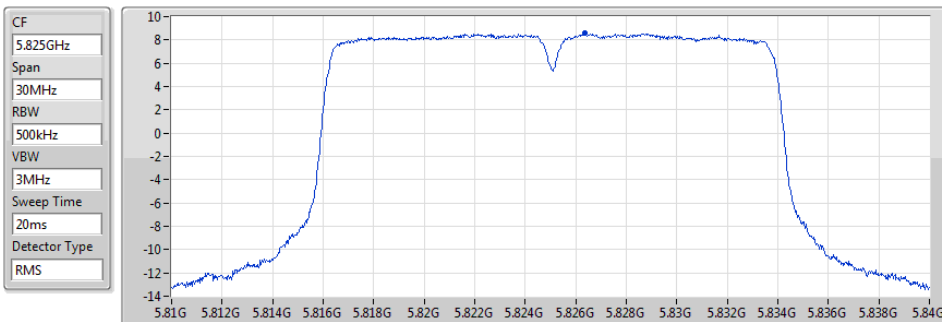
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.44	8.44	8.44

802.11ac VHT20\_Nss1,(MCS0)\_1TX

PSD

5825MHz

04/02/2020



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.55	8.55	8.55



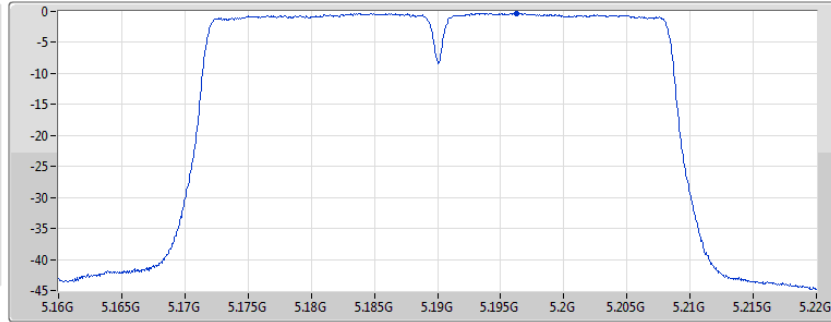
802.11ac VHT40\_Nss1,(MCS0)\_1TX

PSD

5190MHz

04/02/2020

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.28	-0.28	-0.28

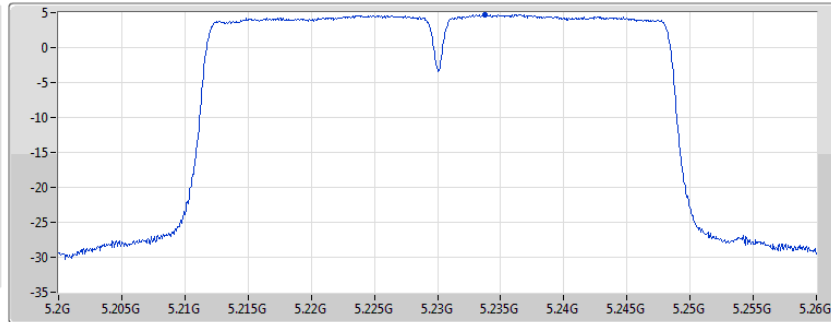
802.11ac VHT40\_Nss1,(MCS0)\_1TX

PSD

5230MHz

04/02/2020

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.68	4.68	4.68

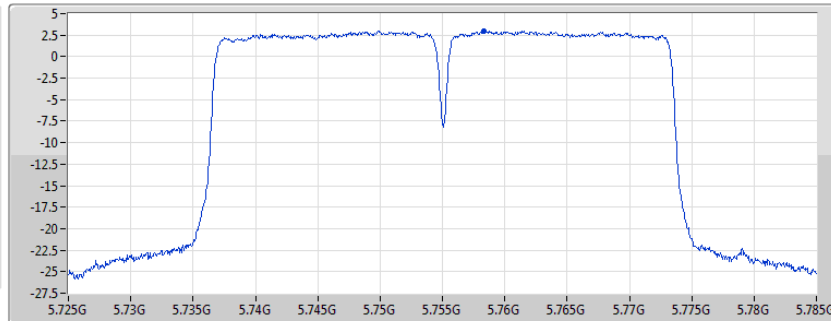
802.11ac VHT40\_Nss1,(MCS0)\_1TX

PSD

5755MHz

04/02/2020

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



Port 1

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

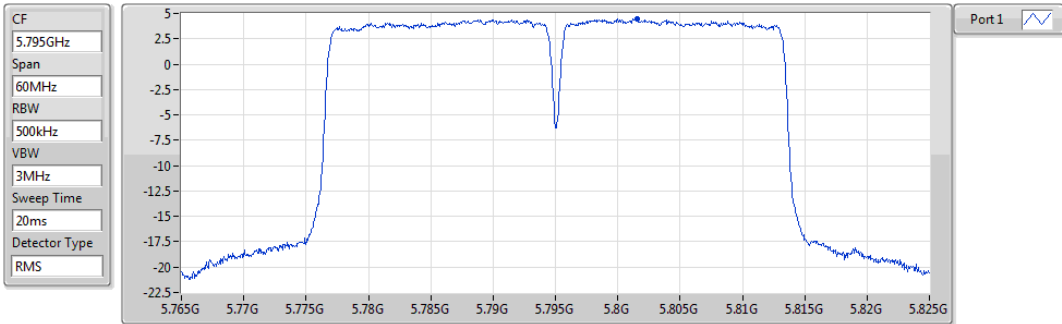


802.11ac VHT40\_Nss1,(MCS0)\_1TX

PSD

5795MHz

04/02/2020



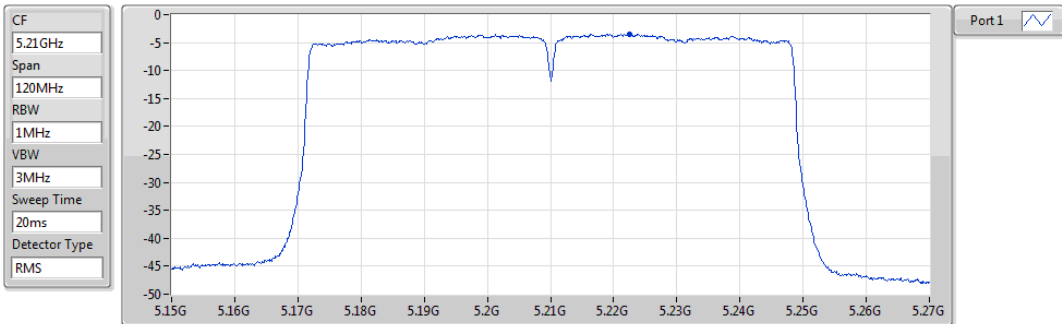
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.47	4.47	4.47

802.11ac VHT80\_Nss1,(MCS0)\_1TX

PSD

5210MHz

04/02/2020



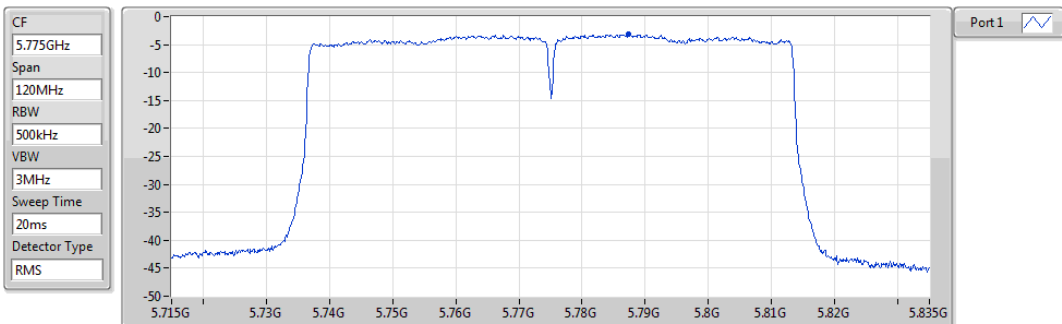
Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.42	-3.42	-3.42

802.11ac VHT80\_Nss1,(MCS0)\_1TX

PSD

5775MHz

04/02/2020



Sum	PD	Port1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.10	-3.10	-3.10



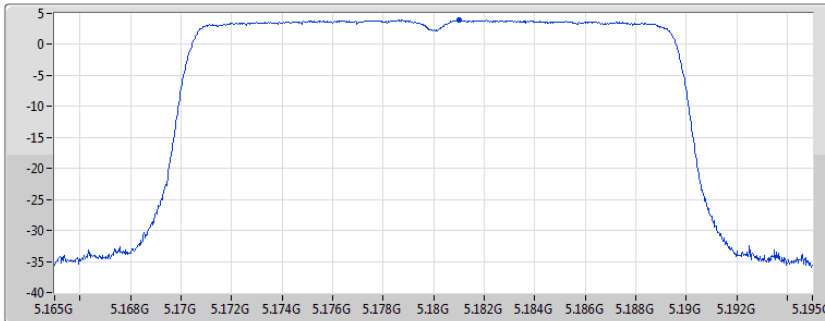
802.11ax HEW20\_Nss1,(MCS0)\_1TX

PSD

5180MHz

03/02/2020

CF  
5.18GHz  
Span  
30MHz  
RBW  
1MHz  
VBW  
3MHz  
Sweep Time  
20ms  
Detector Type  
RMS



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.92	3.92	3.92

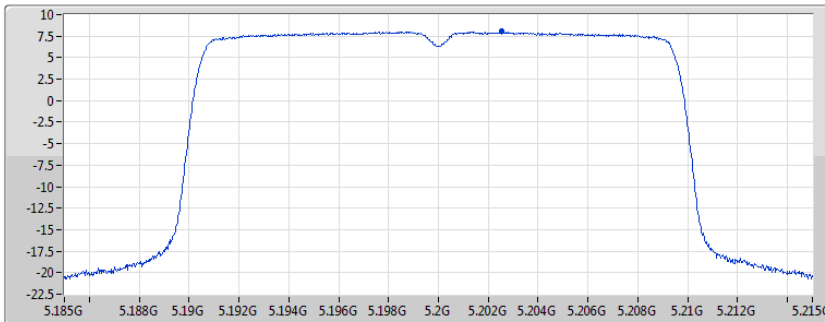
802.11ax HEW20\_Nss1,(MCS0)\_1TX

PSD

5200MHz

03/02/2020

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.06	8.06	8.06

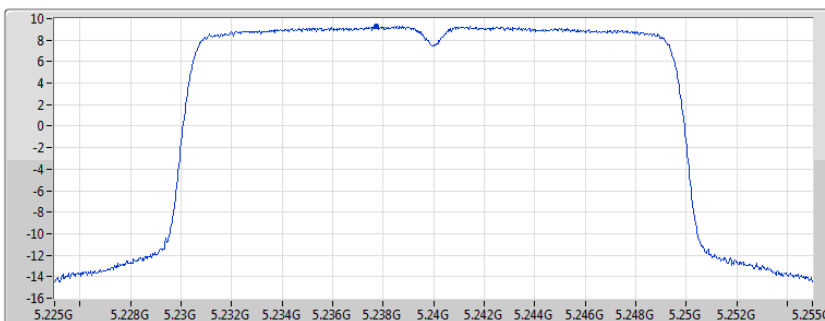
802.11ax HEW20\_Nss1,(MCS0)\_1TX

PSD

5240MHz

03/02/2020

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.28	9.28	9.28



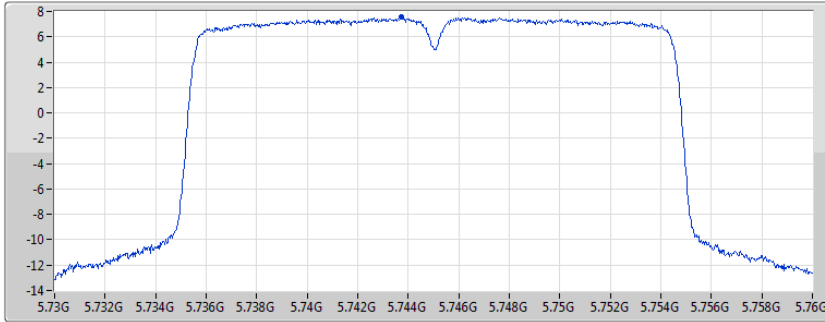
802.11ax HEW20\_Nss1,(MCS0)\_1TX

PSD

5745MHz

04/02/2020

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.53	7.53	7.53

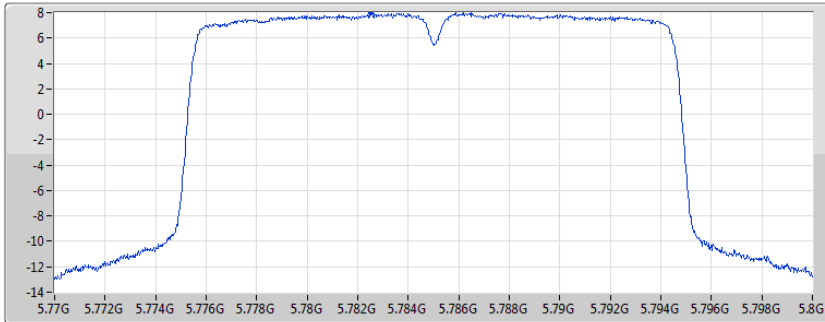
802.11ax HEW20\_Nss1,(MCS0)\_1TX

PSD

5785MHz

04/02/2020

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.00	8.00	8.00

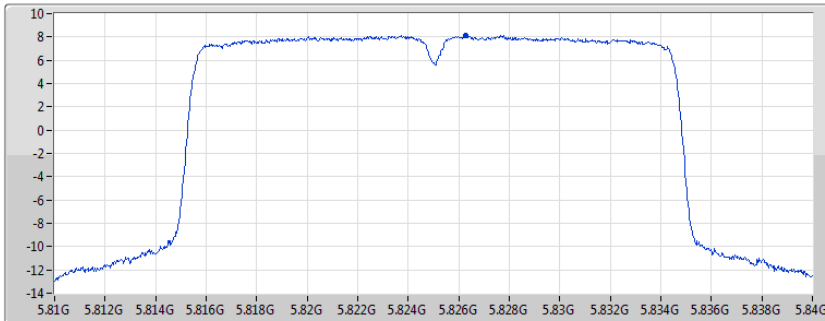
802.11ax HEW20\_Nss1,(MCS0)\_1TX

PSD

5825MHz

04/02/2020

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.15	8.15	8.15



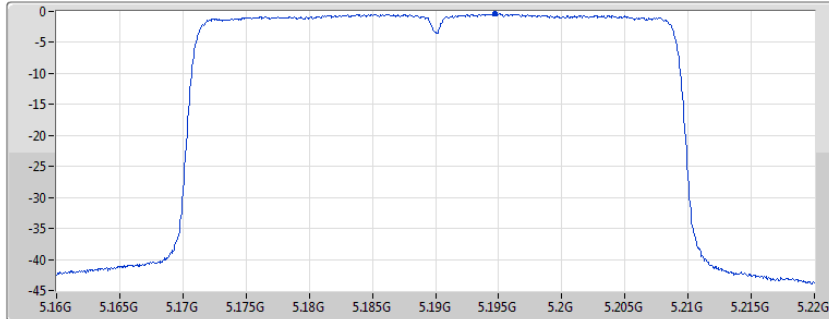
802.11ax HEW40\_Nss1,(MCS0)\_1TX

PSD

5190MHz

04/02/2020

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.39	-0.39	-0.39

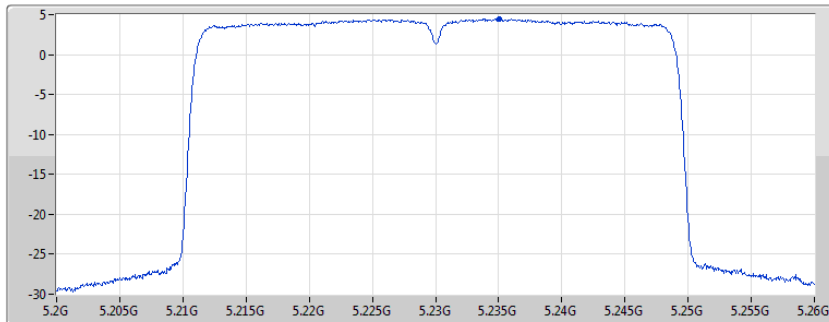
802.11ax HEW40\_Nss1,(MCS0)\_1TX

PSD

5230MHz

04/02/2020

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.51	4.51	4.51

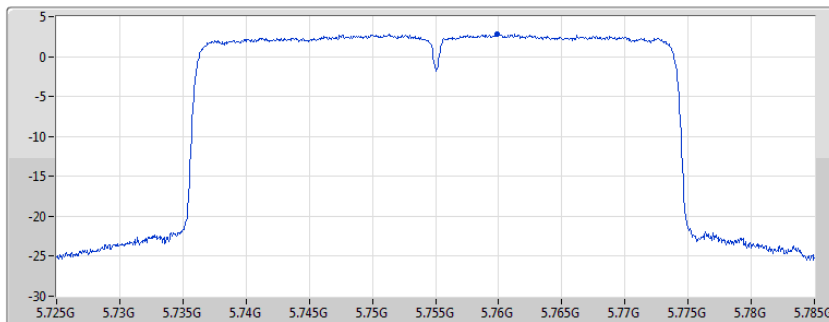
802.11ax HEW40\_Nss1,(MCS0)\_1TX

PSD

5755MHz

04/02/2020

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



Port 1

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.77	2.77	2.77



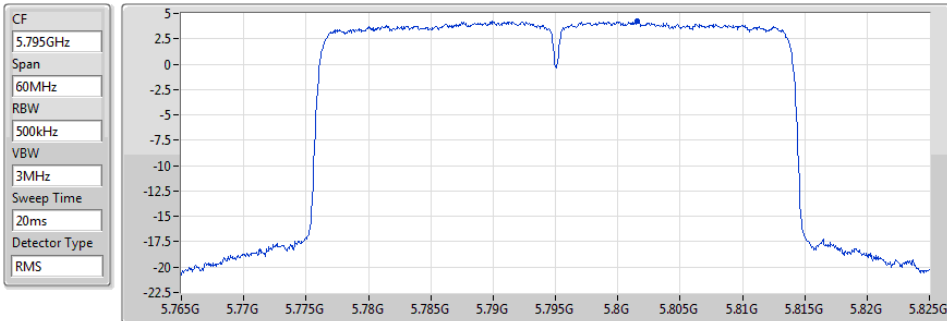


### 802.11ax HEW40\_Nss1,(MCS0)\_1TX

PSD

5795MHz

04/02/2020



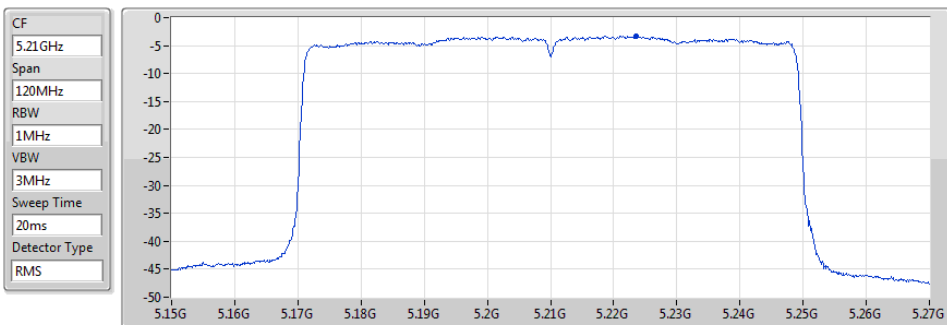
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.28	4.28	4.28

### 802.11ax HEW80\_Nss1,(MCS0)\_1TX

PSD

5210MHz

04/02/2020



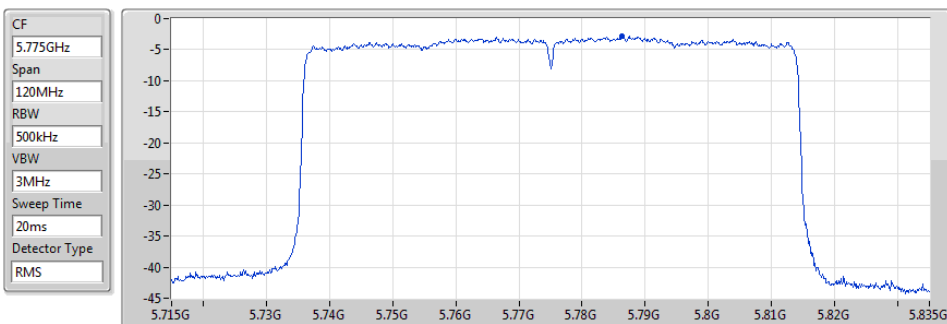
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.32	-3.32	-3.32

### 802.11ax HEW80\_Nss1,(MCS0)\_1TX

PSD

5775MHz

04/02/2020



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.73	-2.73	-2.73



Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	11.99	23.00
802.11ac VHT20_Nss2,(MCS0)_2TX	11.82	19.82
802.11ac VHT40_Nss2,(MCS0)_2TX	5.48	13.48
802.11ac VHT80_Nss2,(MCS0)_2TX	-3.06	4.94
802.11ax HEW20_Nss2,(MCS0)_2TX	11.92	19.92
802.11ax HEW40_Nss2,(MCS0)_2TX	5.14	13.14
802.11ax HEW80_Nss2,(MCS0)_2TX	-3.16	4.84
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_2TX	9.07	20.08
802.11ac VHT20_Nss2,(MCS0)_2TX	8.48	16.48
802.11ac VHT40_Nss2,(MCS0)_2TX	5.23	13.23
802.11ac VHT80_Nss2,(MCS0)_2TX	-0.8	7.20
802.11ax HEW20_Nss2,(MCS0)_2TX	8.41	16.41
802.11ax HEW40_Nss2,(MCS0)_2TX	4.93	12.93
802.11ax HEW80_Nss2,(MCS0)_2TX	-0.92	7.08

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