



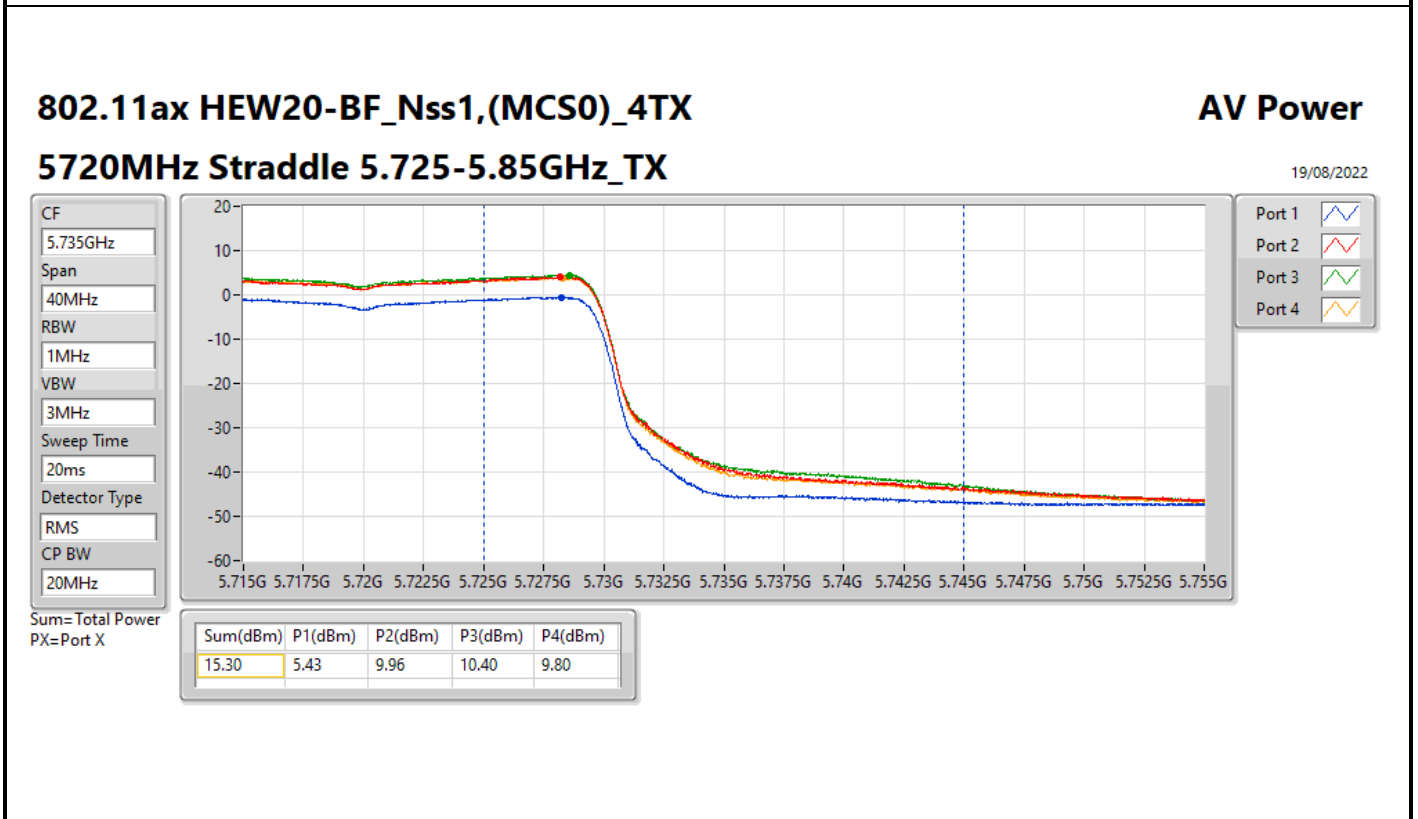
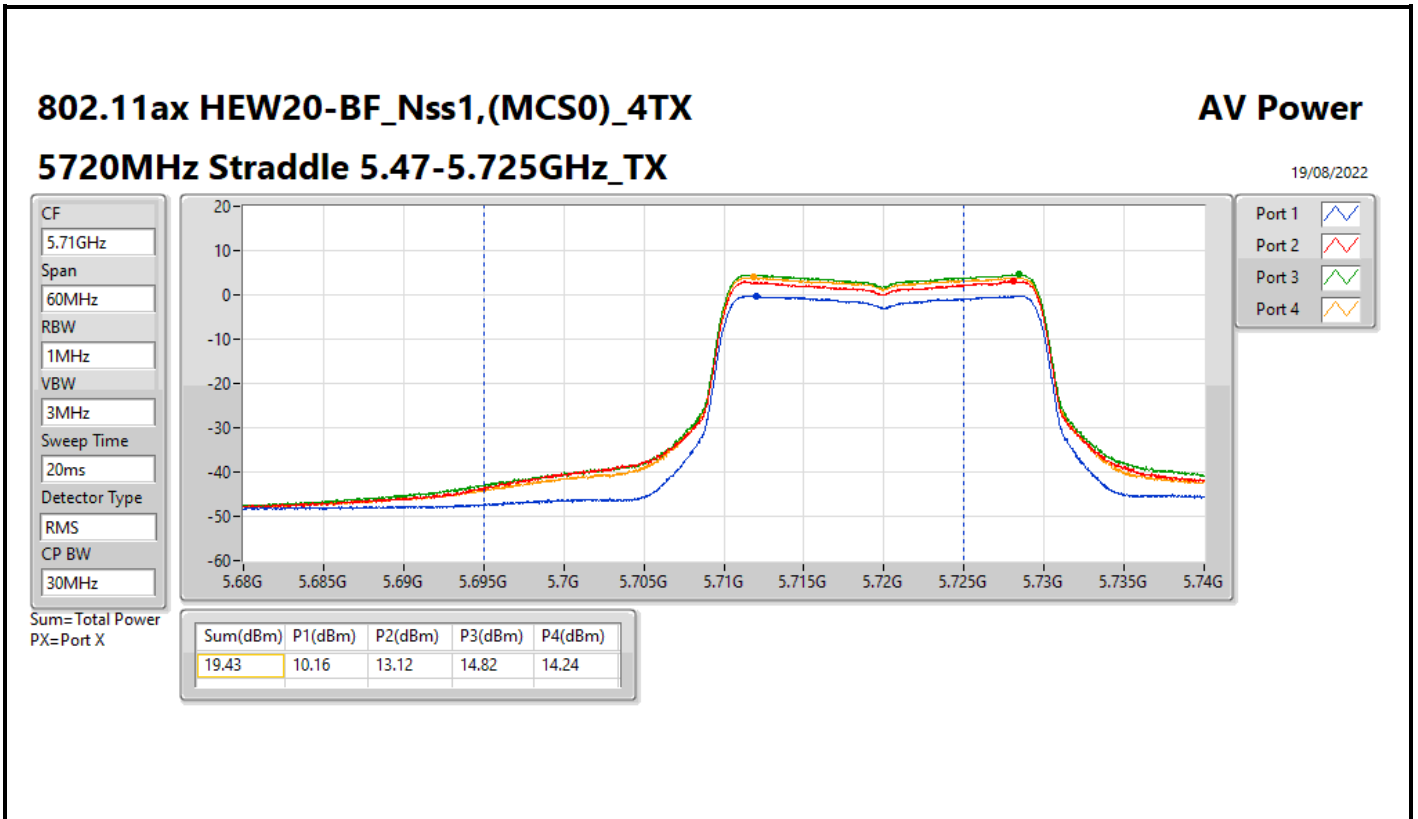
Average Power_Pine R2_Antenna set 3_Beamforming mode_Indoor_P to M_P to P

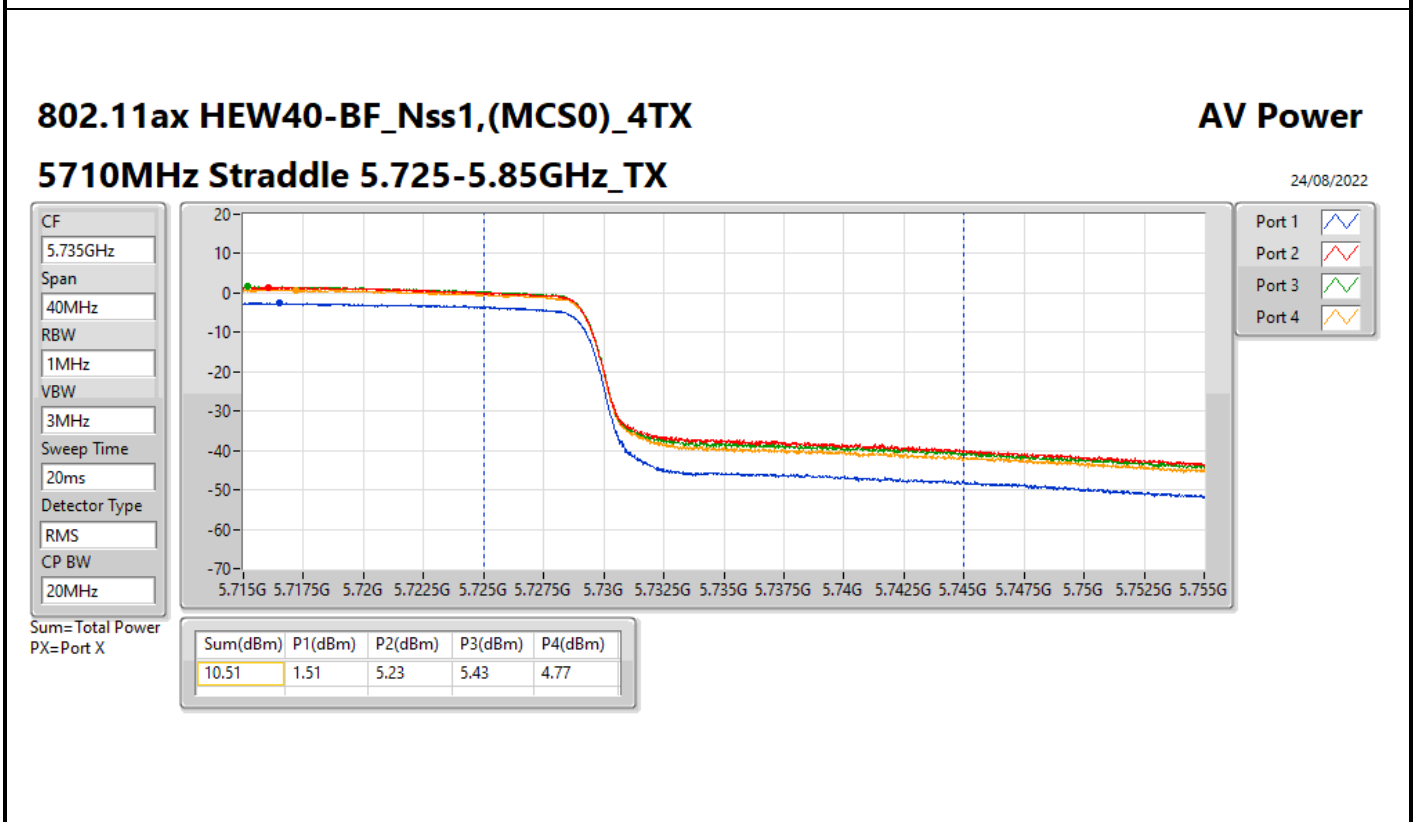
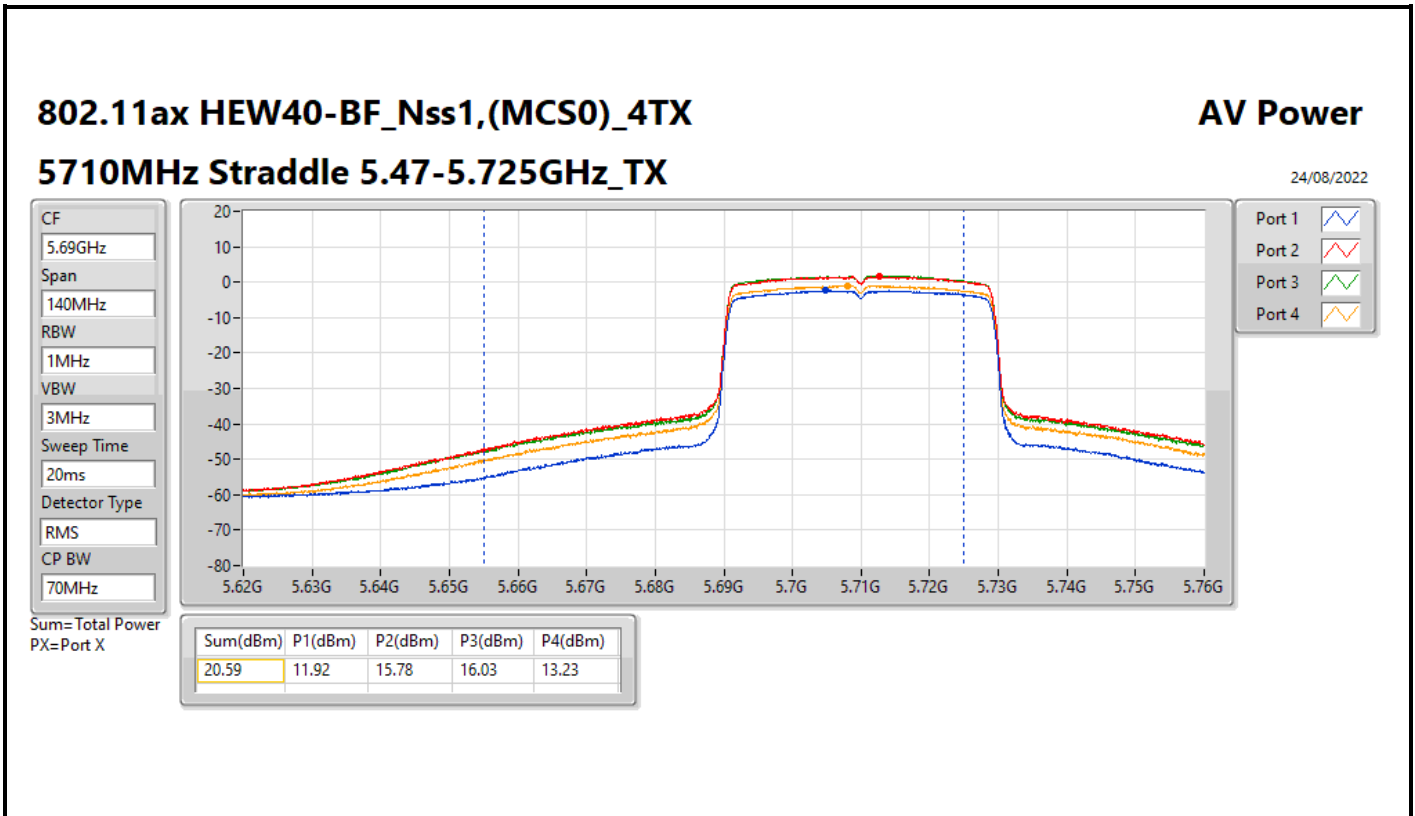
Appendix C.11

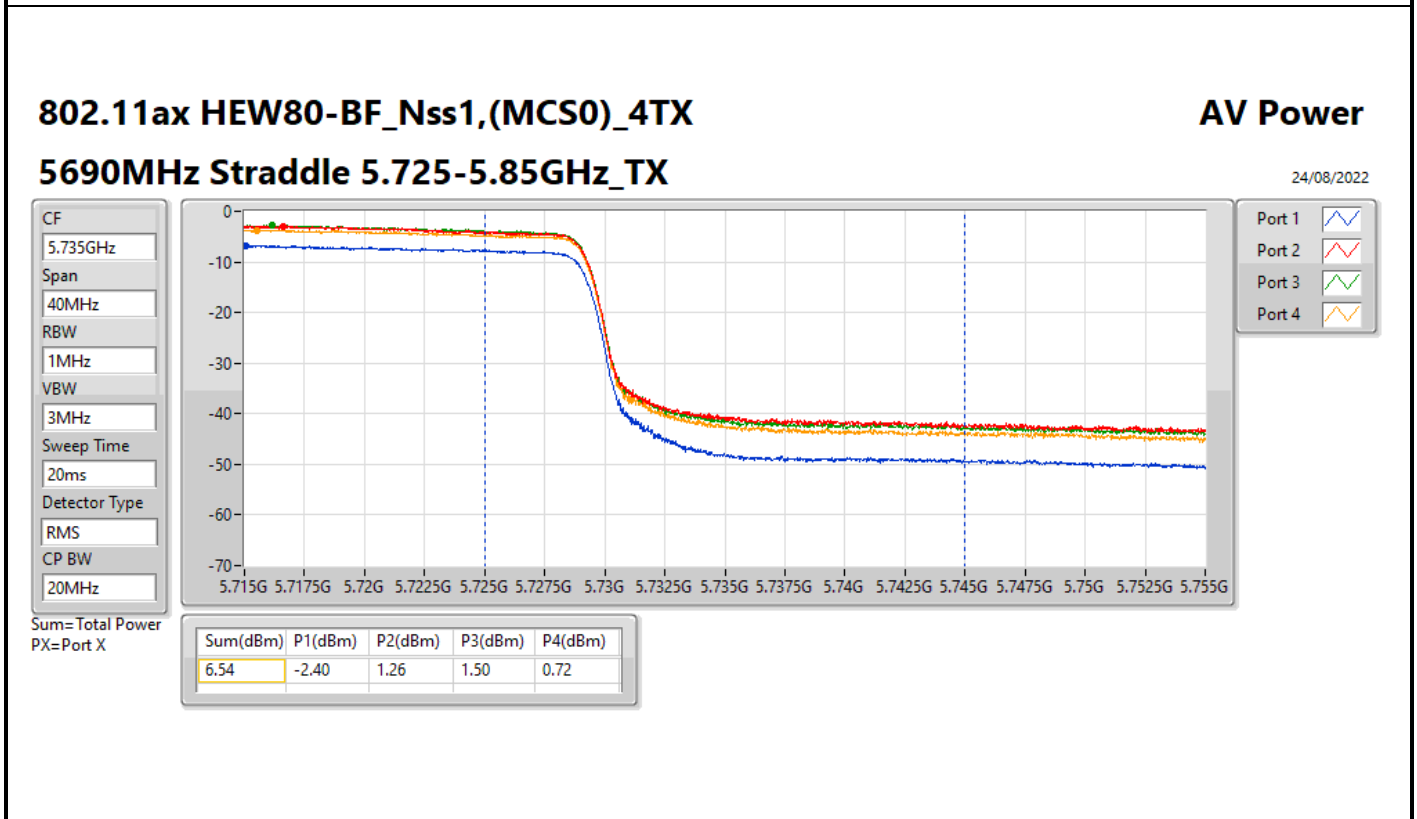
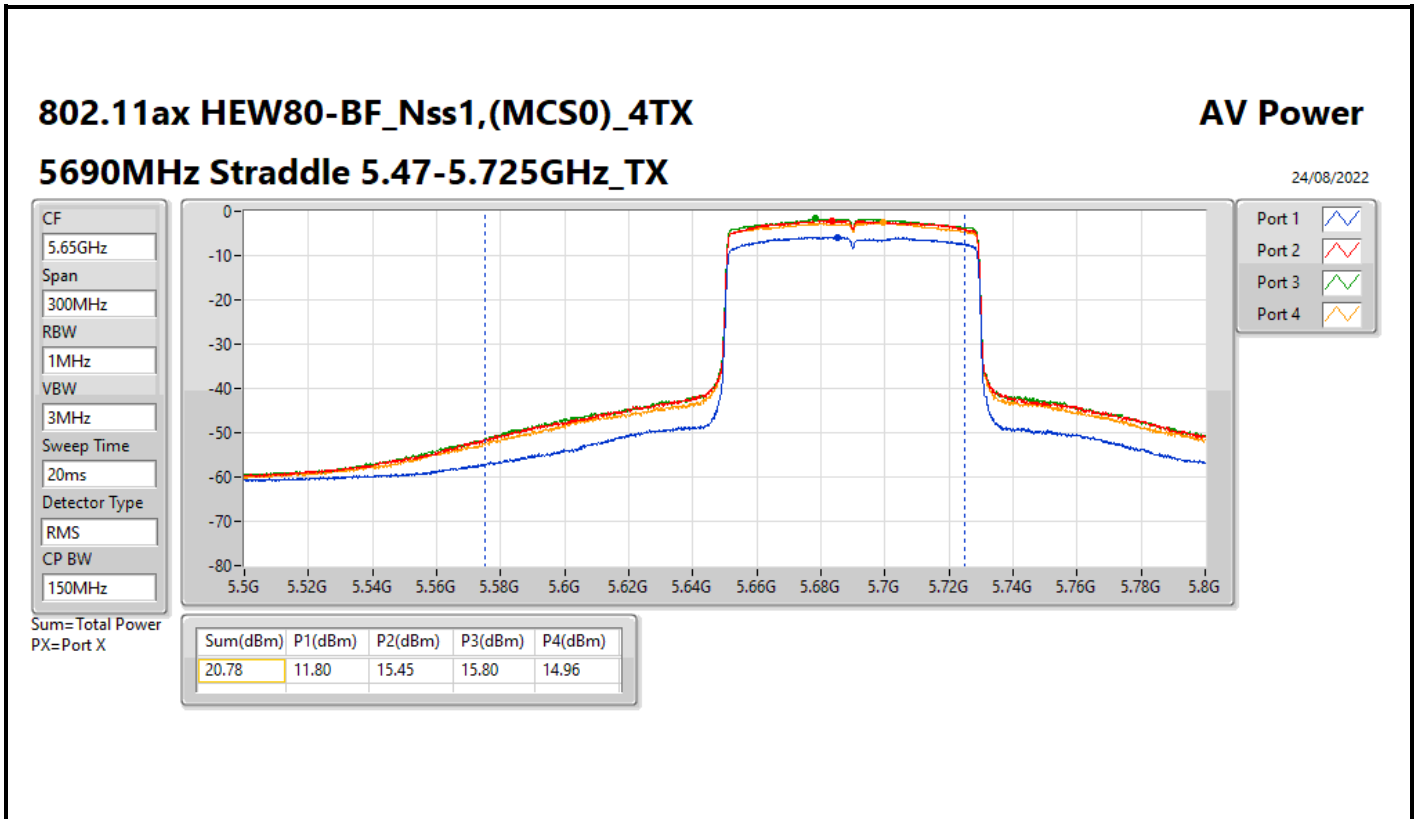
Result

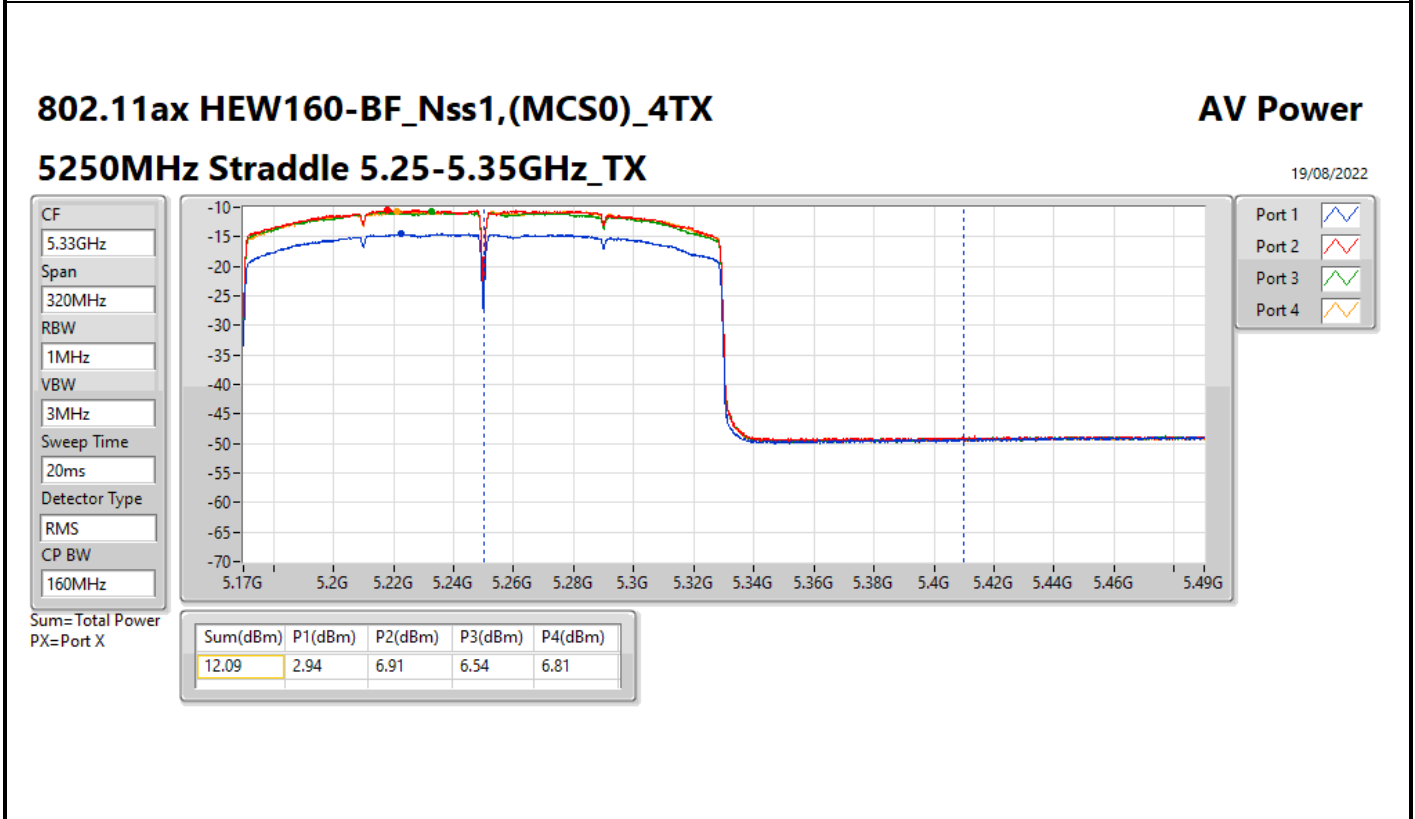
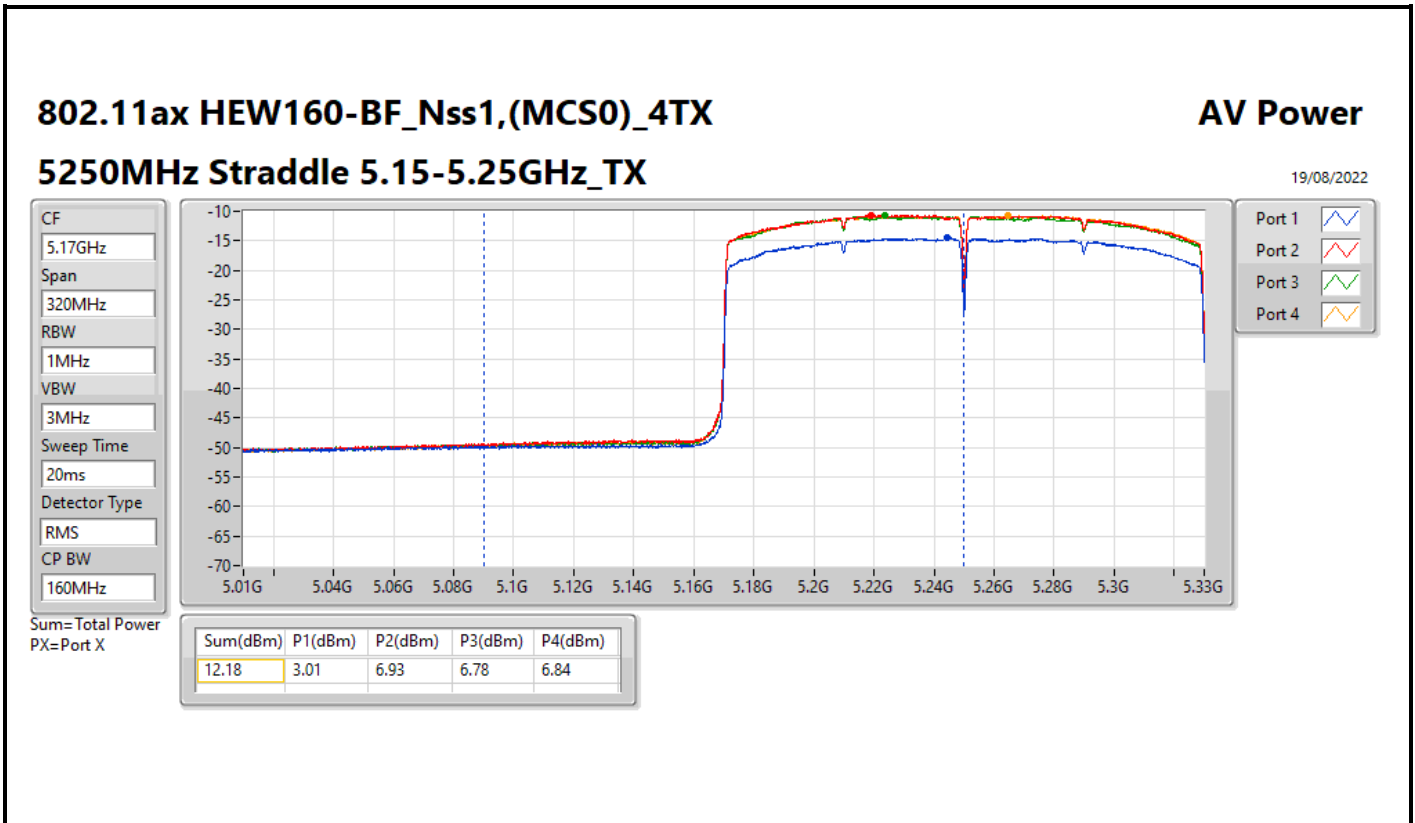
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.02	12.07	15.86	15.86	14.53	20.85	20.96
5300MHz	Pass	9.02	11.93	15.76	16.11	14.48	20.87	20.96
5320MHz	Pass	9.02	11.30	14.07	15.67	15.48	20.46	20.96
5500MHz	Pass	9.02	11.70	14.11	15.44	14.93	20.28	20.96
5580MHz	Pass	9.02	11.99	14.96	14.10	16.23	20.60	20.96
5700MHz	Pass	9.02	10.65	13.67	14.83	14.78	19.79	20.96
5720MHz Straddle 5.47-5.725GHz	Pass	9.02	10.16	13.12	14.82	14.24	19.43	19.97
5720MHz Straddle 5.725-5.85GHz	Pass	9.02	5.43	9.96	10.40	9.80	15.30	26.98
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.02	11.92	15.87	15.62	14.55	20.76	20.96
5310MHz	Pass	9.02	9.40	11.64	10.97	13.11	17.50	20.96
5510MHz	Pass	9.02	9.58	12.32	13.43	13.10	18.36	20.96
5550MHz	Pass	9.02	12.34	15.63	16.18	13.52	20.71	20.96
5670MHz	Pass	9.02	10.22	14.72	14.80	14.67	19.99	20.96
5710MHz Straddle 5.47-5.725GHz	Pass	9.02	11.92	15.78	16.03	13.23	20.59	20.96
5710MHz Straddle 5.725-5.85GHz	Pass	9.02	1.51	5.23	5.43	4.77	10.51	26.98
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.02	8.62	11.11	12.48	12.25	17.38	20.96
5530MHz	Pass	9.02	6.76	11.11	11.28	10.89	16.37	20.96
5610MHz	Pass	9.02	11.86	14.98	15.65	14.81	20.56	20.96
5690MHz Straddle 5.47-5.725GHz	Pass	9.02	11.80	15.45	15.80	14.96	20.78	20.96
5690MHz Straddle 5.725-5.85GHz	Pass	9.02	-2.40	1.26	1.50	0.72	6.54	26.98
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.02	3.01	6.93	6.78	6.84	12.18	26.98
5250MHz Straddle 5.25-5.35GHz	Pass	9.02	2.94	6.91	6.54	6.81	12.09	20.96
5570MHz	Pass	9.02	5.39	9.49	10.32	9.77	15.13	20.96

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











Average Power_Pine R2_Antenna set 3
Non beamforming mode_Outdoor_P to M_P to P

Appendix C.12

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP/Elevation angle higher than 30° EIRP (dBm)	EIRP /Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	8.08	0.00643	11.08/8.08	0.01282/0.00643
802.11ax HEW160_Nss1,(MCS0)_2TX	11.73	0.01489	14.73/11.73	0.02972/0.01489
802.11ax HEW160_Nss1,(MCS0)_4TX	12.18	0.01652	15.18/12.18	0.03296/0.01652
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	13.31	0.02143	16.31	0.04276
802.11ax HEW20_Nss1,(MCS0)_1TX	13.59	0.02286	16.59	0.04560
802.11ax HEW40_Nss1,(MCS0)_1TX	13.62	0.02301	16.62	0.04592
802.11ax HEW80_Nss1,(MCS0)_1TX	11.88	0.01542	14.88	0.03076
802.11ax HEW160_Nss1,(MCS0)_1TX	8.07	0.00641	11.07	0.01279
802.11a_Nss1,(6Mbps)_2TX	18.03	0.06353	21.03	0.12677
802.11ax HEW20_Nss1,(MCS0)_2TX	18.46	0.07015	21.46	0.13996
802.11ax HEW40_Nss1,(MCS0)_2TX	18.89	0.07745	21.89	0.15453
802.11ax HEW80_Nss1,(MCS0)_2TX	15.35	0.03428	18.35	0.06839
802.11ax HEW160_Nss1,(MCS0)_2TX	11.68	0.01472	14.68	0.02938
802.11a_Nss1,(6Mbps)_4TX	20.83	0.12106	23.83	0.24155
802.11ax HEW20_Nss1,(MCS0)_4TX	21.74	0.14928	24.74	0.29785
802.11ax HEW40_Nss1,(MCS0)_4TX	21.77	0.15031	24.77	0.29992
802.11ax HEW80_Nss1,(MCS0)_4TX	17.38	0.05470	20.38	0.10914
802.11ax HEW160_Nss1,(MCS0)_4TX	12.09	0.01618	15.09	0.03228
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	13.20	0.02089	16.20	0.04169
802.11ax HEW20_Nss1,(MCS0)_1TX	13.59	0.02286	16.59	0.04560
802.11ax HEW40_Nss1,(MCS0)_1TX	13.61	0.02296	16.61	0.04581
802.11ax HEW80_Nss1,(MCS0)_1TX	13.81	0.02404	16.81	0.04797
802.11ax HEW160_Nss1,(MCS0)_1TX	11.86	0.01535	14.86	0.03062
802.11a_Nss1,(6Mbps)_2TX	17.79	0.06012	20.79	0.11995
802.11ax HEW20_Nss1,(MCS0)_2TX	18.19	0.06592	21.19	0.13152
802.11ax HEW40_Nss1,(MCS0)_2TX	18.29	0.06745	21.29	0.13459
802.11ax HEW80_Nss1,(MCS0)_2TX	18.48	0.07047	21.48	0.14060
802.11ax HEW160_Nss1,(MCS0)_2TX	14.58	0.02871	17.58	0.05728
802.11a_Nss1,(6Mbps)_4TX	20.96	0.12474	23.96	0.24889
802.11ax HEW20_Nss1,(MCS0)_4TX	20.60	0.11482	23.60	0.22909
802.11ax HEW40_Nss1,(MCS0)_4TX	22.48	0.17701	25.48	0.35318
802.11ax HEW80_Nss1,(MCS0)_4TX	22.26	0.16827	25.26	0.33574
802.11ax HEW160_Nss1,(MCS0)_4TX	15.13	0.03258	18.13	0.06501
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	5.95	0.00394	8.95	0.00785
802.11ax HEW20_Nss1,(MCS0)_1TX	7.16	0.00520	10.16	0.01038
802.11ax HEW40_Nss1,(MCS0)_1TX	2.25	0.00168	5.25	0.00335
802.11ax HEW80_Nss1,(MCS0)_1TX	-1.29	0.00074	1.71	0.00148
802.11a_Nss1,(6Mbps)_2TX	10.80	0.01202	13.80	0.02399
802.11ax HEW20_Nss1,(MCS0)_2TX	11.99	0.01581	14.99	0.03155
802.11ax HEW40_Nss1,(MCS0)_2TX	6.77	0.00475	9.77	0.00948
802.11ax HEW80_Nss1,(MCS0)_2TX	3.38	0.00218	6.38	0.00435
802.11a_Nss1,(6Mbps)_4TX	15.26	0.03357	18.26	0.06699
802.11ax HEW20_Nss1,(MCS0)_4TX	15.30	0.03388	18.30	0.06761
802.11ax HEW40_Nss1,(MCS0)_4TX	11.27	0.01340	14.27	0.02673
802.11ax HEW80_Nss1,(MCS0)_4TX	8.08	0.00643	11.08	0.01282



Average Power_Pine R2_Antenna set 3
Non beamforming mode_Outdoor_P to M_P to P

Appendix C.12

Result

Mode	Result	DG	Port 1	Port 2	Port 3	Port 4	Total Power	Power Limit	EIRP/Elevation angle higher than 30° EIRP	EIRP /Elevation angle higher than 30° EIRP Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	13.31				13.31	23.98	16.31	Inf
5300MHz	Pass	3.00	13.16				13.16	23.98	16.16	Inf
5320MHz	Pass	3.00	12.78				12.78	23.98	15.78	Inf
5500MHz	Pass	3.00	13.09				13.09	23.98	16.09	Inf
5580MHz	Pass	3.00	13.05				13.05	23.98	16.05	Inf
5700MHz	Pass	3.00	13.20				13.20	23.98	16.20	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	11.33				11.33	22.86	14.33	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	5.95				5.95	30.00	8.95	Inf
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	13.59				13.59	23.98	16.59	Inf
5300MHz	Pass	3.00	13.49				13.49	23.98	16.49	Inf
5320MHz	Pass	3.00	13.15				13.15	23.98	16.15	Inf
5500MHz	Pass	3.00	13.59				13.59	23.98	16.59	Inf
5580MHz	Pass	3.00	13.52				13.52	23.98	16.52	Inf
5700MHz	Pass	3.00	13.56				13.56	23.98	16.56	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	11.45				11.45	23.09	14.45	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	7.16				7.16	30.00	10.16	Inf
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	3.00	13.62				13.62	23.98	16.62	Inf
5310MHz	Pass	3.00	12.39				12.39	23.98	15.39	Inf
5510MHz	Pass	3.00	13.08				13.08	23.98	16.08	Inf
5550MHz	Pass	3.00	13.61				13.61	23.98	16.61	Inf
5670MHz	Pass	3.00	13.53				13.53	23.98	16.53	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	12.64				12.64	23.98	15.64	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	2.25				2.25	30.00	5.25	Inf
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	3.00	11.88				11.88	23.98	14.88	Inf
5530MHz	Pass	3.00	13.10				13.10	23.98	16.10	Inf
5610MHz	Pass	3.00	13.81				13.81	23.98	16.81	Inf
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	12.82				12.82	23.98	15.82	Inf
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	-1.29				-1.29	30.00	1.71	Inf
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00	8.08				8.08	30.00	11.08/8.08	36.00/21.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	8.07				8.07	23.98	11.07	Inf
5570MHz	Pass	3.00	11.86				11.86	23.98	14.86	Inf
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	13.33	16.23			18.03	23.98	21.03	Inf
5300MHz	Pass	3.00	13.24	16.03			17.87	23.98	20.87	Inf
5320MHz	Pass	3.00	12.61	16.03			17.66	23.98	20.66	Inf
5500MHz	Pass	3.00	12.65	15.59			17.37	23.98	20.37	Inf
5580MHz	Pass	3.00	13.13	15.97			17.79	23.98	20.79	Inf
5700MHz	Pass	3.00	12.55	15.59			17.34	23.98	20.34	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	11.41	14.45			16.20	22.86	19.20	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	6.02	9.04			10.80	30.00	13.80	Inf
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	13.77	16.66			18.46	23.98	21.46	Inf
5300MHz	Pass	3.00	13.52	16.40			18.20	23.98	21.20	Inf
5320MHz	Pass	3.00	11.97	16.59			17.88	23.98	20.88	Inf
5500MHz	Pass	3.00	12.54	15.07			17.00	23.98	20.00	Inf
5580MHz	Pass	3.00	13.54	16.37			18.19	23.98	21.19	Inf
5700MHz	Pass	3.00	12.17	15.15			16.92	23.98	19.92	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	11.47	14.52			16.27	23.07	19.27	Inf



Average Power_Pine R2_Antenna set 3
Non beamforming mode_Outdoor_P to M_P to P

Appendix C.12

Mode	Result	DG	Port 1	Port 2	Port 3	Port 4	Total Power	Power Limit	EIRP/Elevation angle higher than 30° EIRP	EIRP /Elevation angle higher than 30° EIRP Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	7.21	10.23			11.99	30.00	14.99	Inf
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	3.00	13.26	17.50			18.89	23.98	21.89	Inf
5310MHz	Pass	3.00	11.05	15.36			16.73	23.98	19.73	Inf
5510MHz	Pass	3.00	12.55	15.60			17.35	23.98	20.35	Inf
5550MHz	Pass	3.00	13.76	16.40			18.29	23.98	21.29	Inf
5670MHz	Pass	3.00	13.03	15.92			17.72	23.98	20.72	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	12.39	15.48			17.21	23.98	20.21	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	2.04	4.99			6.77	30.00	9.77	Inf
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	3.00	10.82	13.47			15.35	23.98	18.35	Inf
5530MHz	Pass	3.00	11.61	14.30			16.17	23.98	19.17	Inf
5610MHz	Pass	3.00	13.80	16.68			18.48	23.98	21.48	Inf
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	12.73	15.66			17.45	23.98	20.45	Inf
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	-1.36	1.60			3.38	30.00	6.38	Inf
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00	5.85	10.43			11.73	30.00	14.73/11.73	36.00/21.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	5.84	10.37			11.68	23.98	14.68	Inf
5570MHz	Pass	3.00	8.83	13.24			14.58	23.98	17.58	Inf
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	11.94	14.95	15.65	15.42	20.74	23.98	23.74	Inf
5300MHz	Pass	3.00	11.79	14.50	15.89	15.91	20.83	23.98	23.83	Inf
5320MHz	Pass	3.00	11.45	14.05	15.77	15.52	20.52	23.98	23.52	Inf
5500MHz	Pass	3.00	11.89	14.33	15.68	15.07	20.48	23.98	23.48	Inf
5580MHz	Pass	3.00	11.73	14.59	16.26	15.89	20.96	23.98	23.96	Inf
5700MHz	Pass	3.00	11.32	14.30	15.48	15.41	20.44	23.98	23.44	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	9.88	13.04	14.63	13.99	19.24	22.81	22.24	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	6.16	9.08	10.62	9.93	15.26	30.00	18.26	Inf
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	12.77	15.57	16.56	16.61	21.65	23.98	24.65	Inf
5300MHz	Pass	3.00	12.61	15.48	16.87	16.72	21.74	23.98	24.74	Inf
5320MHz	Pass	3.00	11.30	14.07	15.67	15.48	20.46	23.98	23.46	Inf
5500MHz	Pass	3.00	11.70	14.11	15.44	14.93	20.28	23.98	23.28	Inf
5580MHz	Pass	3.00	11.99	14.96	14.10	16.23	20.60	23.98	23.60	Inf
5700MHz	Pass	3.00	10.65	13.67	14.83	14.78	19.79	23.98	22.79	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	10.16	13.12	14.82	14.24	19.43	22.99	22.43	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	5.43	9.96	10.40	9.80	15.30	30.00	18.30	Inf
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	3.00	12.22	16.82	16.38	16.25	21.77	23.98	24.77	Inf
5310MHz	Pass	3.00	9.40	11.64	10.97	13.11	17.50	23.98	20.50	Inf
5510MHz	Pass	3.00	9.58	12.32	13.43	13.10	18.36	23.98	21.36	Inf
5550MHz	Pass	3.00	13.59	16.36	17.67	17.21	22.48	23.98	25.48	Inf
5670MHz	Pass	3.00	10.22	14.72	14.80	14.67	19.99	23.98	22.99	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	12.44	15.53	16.96	16.59	21.72	23.98	24.72	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	2.11	5.03	6.44	6.22	11.27	30.00	14.27	Inf
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	3.00	8.62	11.11	12.48	12.25	17.38	23.98	20.38	Inf
5530MHz	Pass	3.00	6.76	11.11	11.28	10.89	16.37	23.98	19.37	Inf
5610MHz	Pass	3.00	12.87	15.87	17.10	16.67	21.92	23.98	24.92	Inf
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	13.05	16.03	17.38	17.26	22.26	23.98	25.26	Inf
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	-1.00	1.80	3.18	3.08	8.08	30.00	11.08	Inf
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00	3.01	6.93	6.78	6.84	12.18	30.00	15.18/12.18	36.00/21.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	2.94	6.91	6.54	6.81	12.09	23.98	15.09	Inf

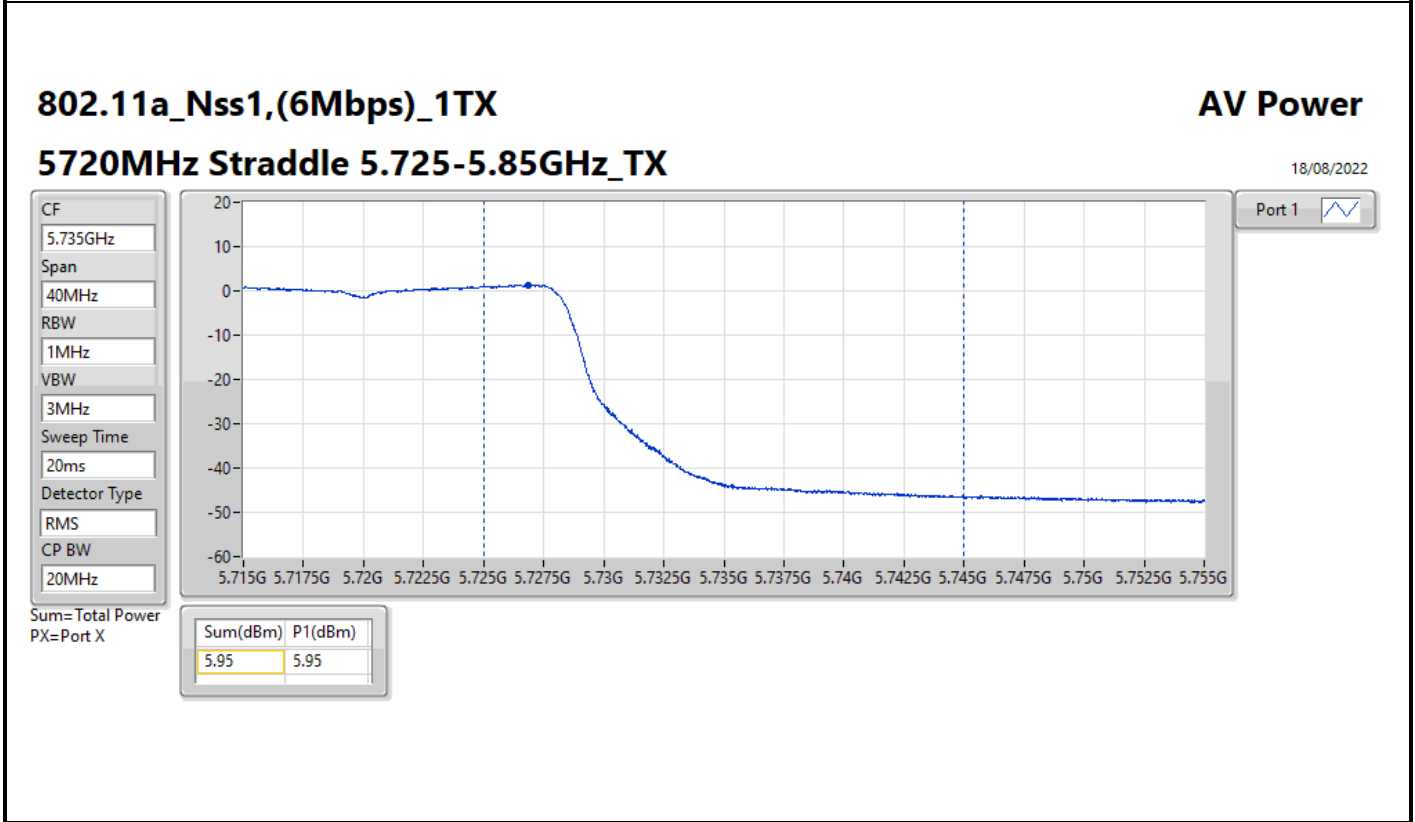
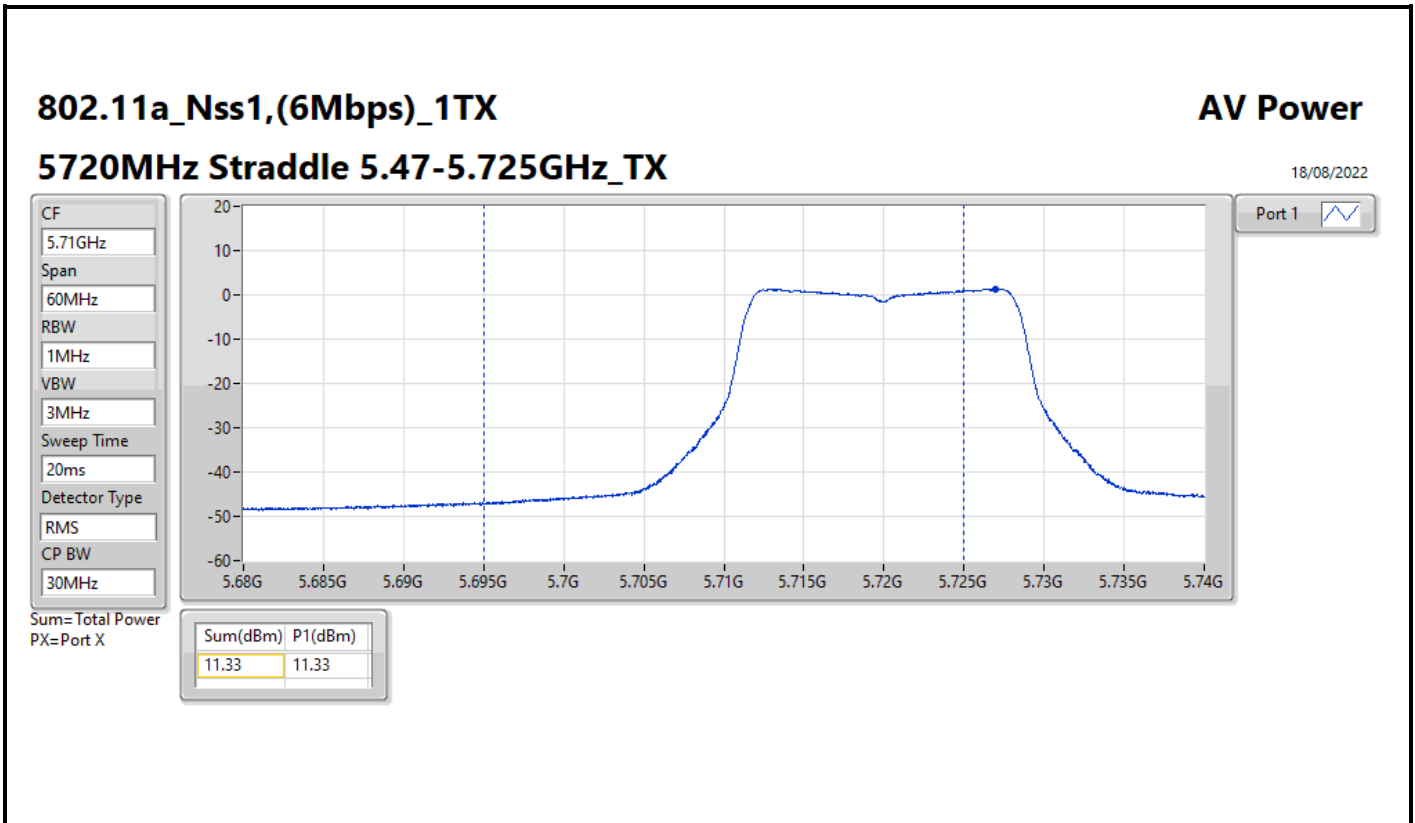


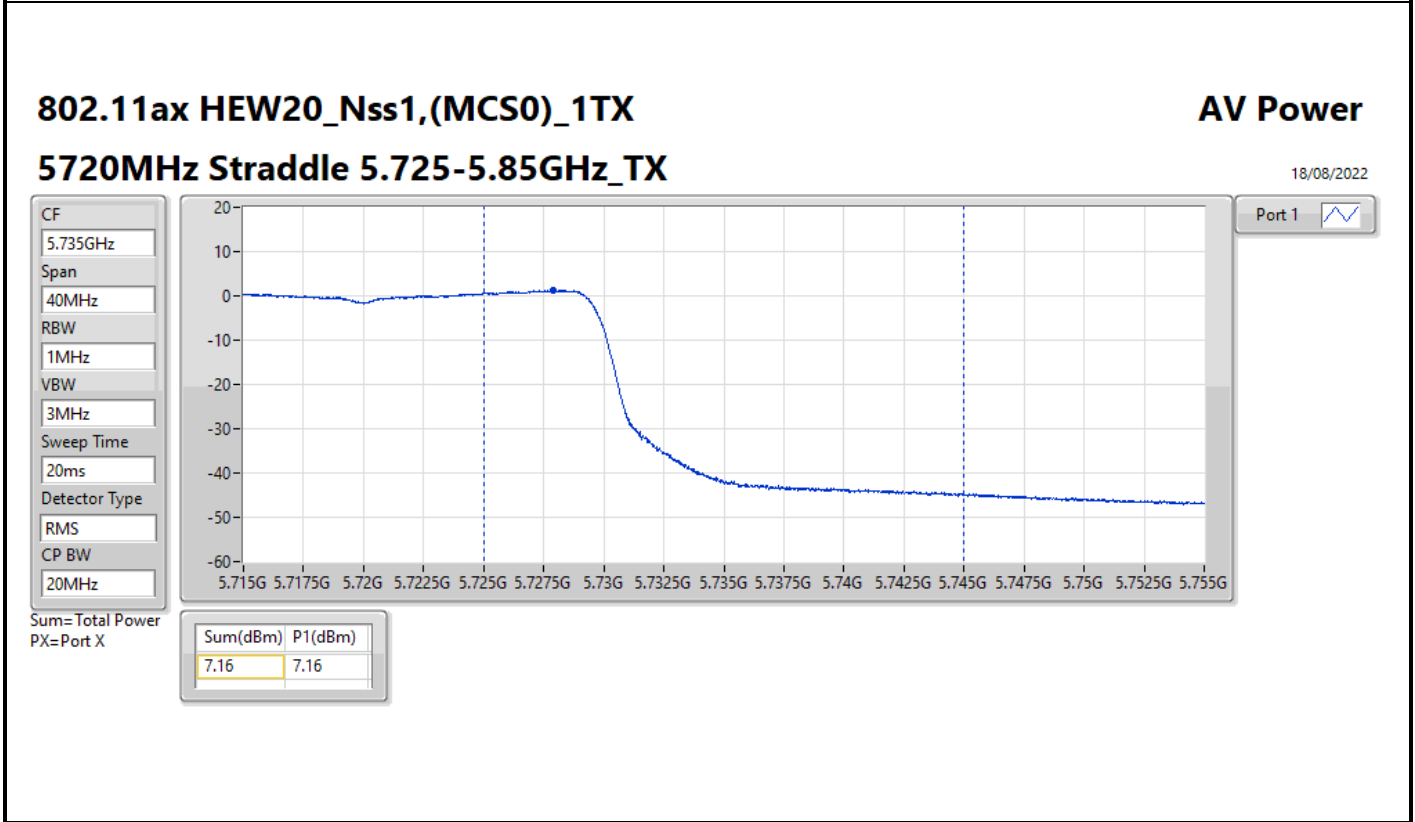
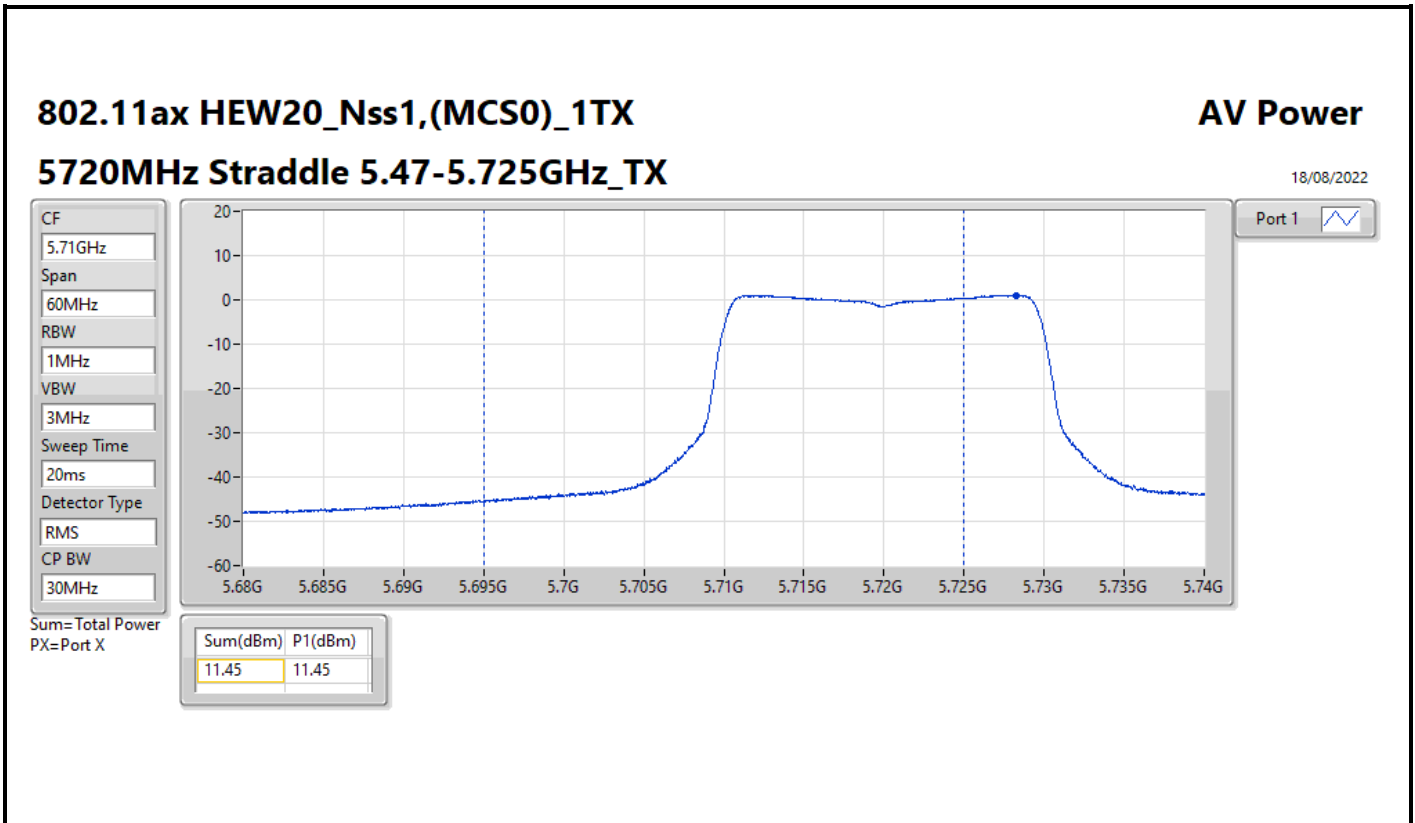
Average Power_Pine R2_Antenna set 3_
Non beamforming mode_Outdoor_P to M_P to P

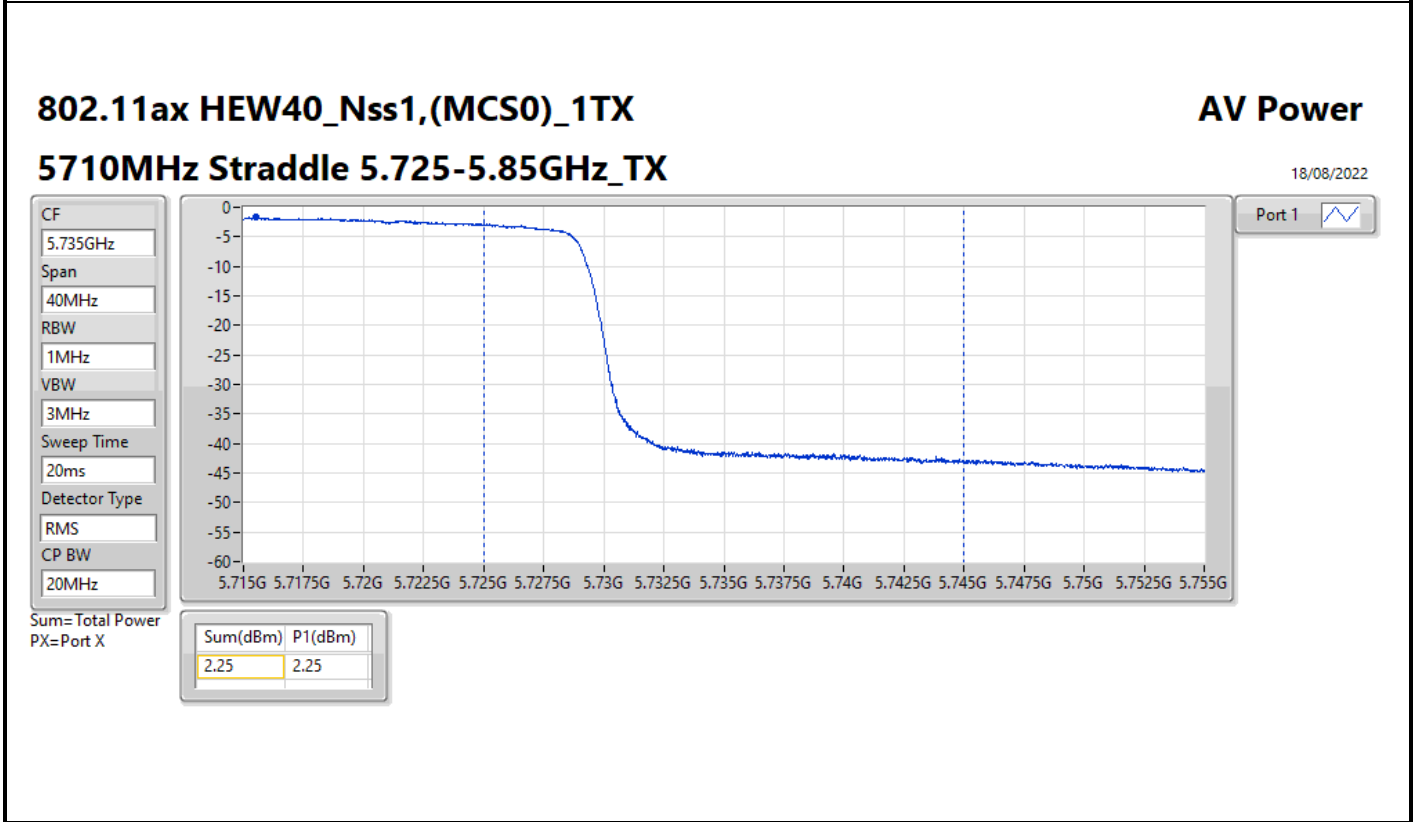
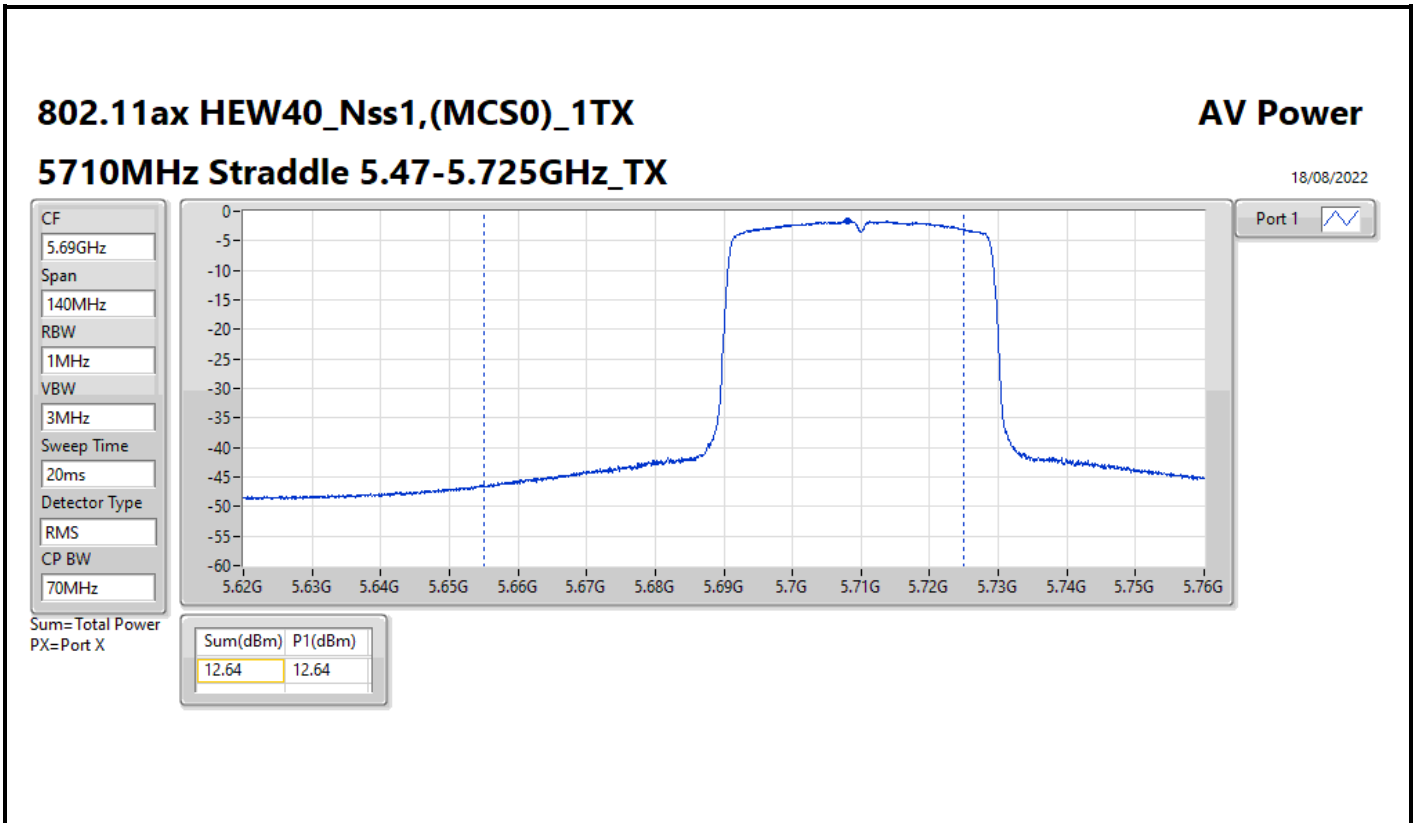
Appendix C.12

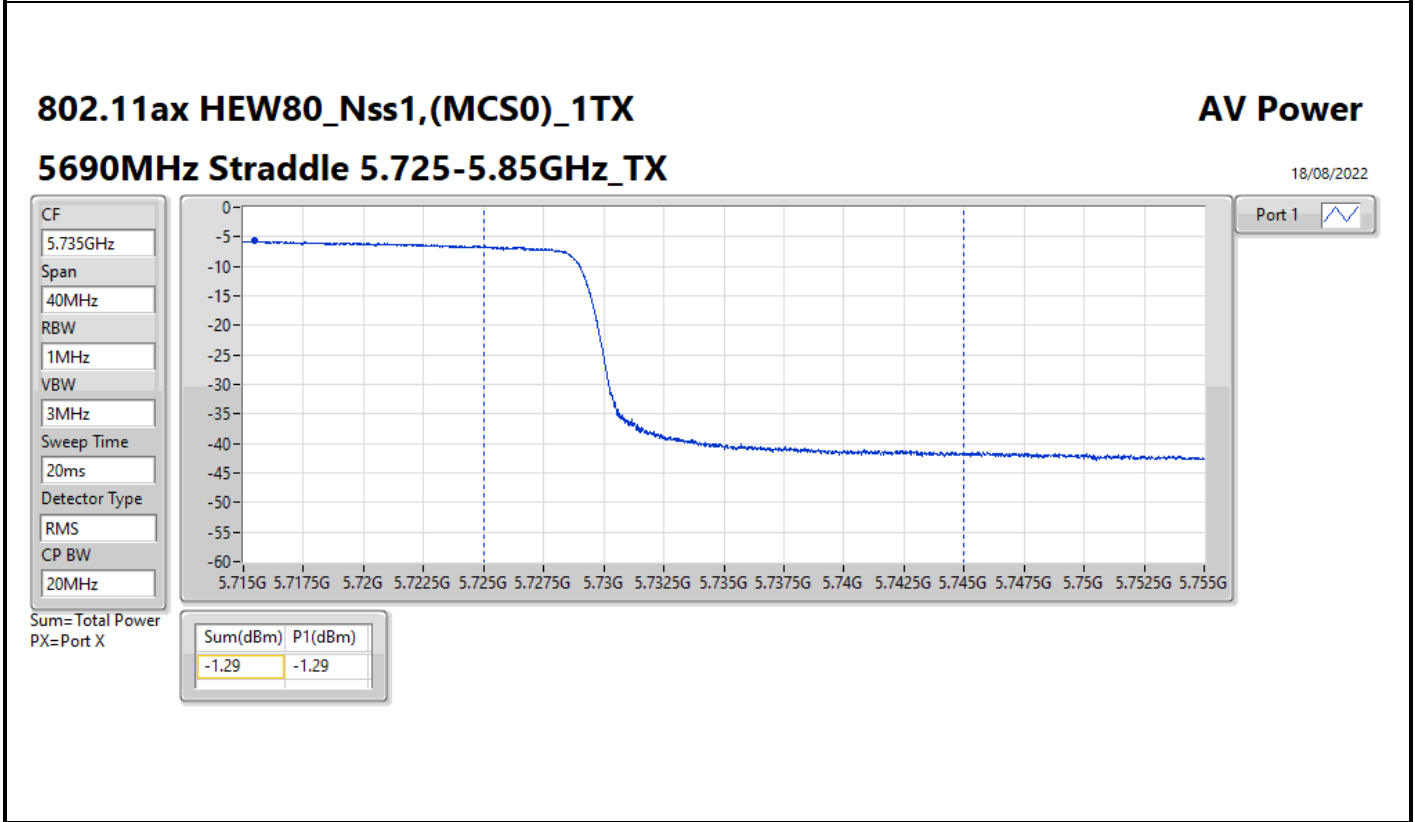
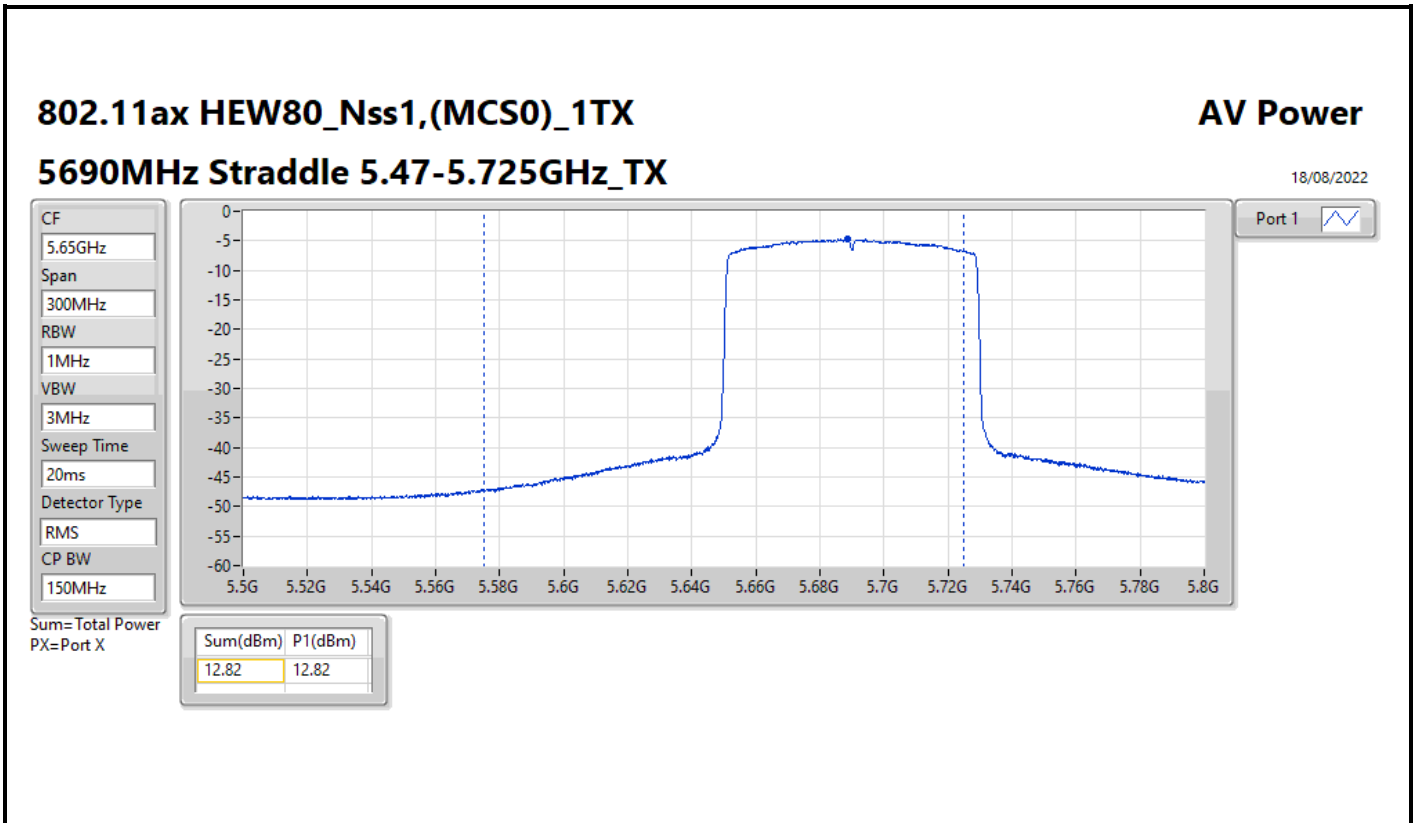
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP/Elevation angle higher than 30° EIRP (dBm)	EIRP /Elevation angle higher than 30° EIRP Limit (dBm)
5570MHz	Pass	3.00	5.39	9.49	10.32	9.77	15.13	23.98	18.13	Inf

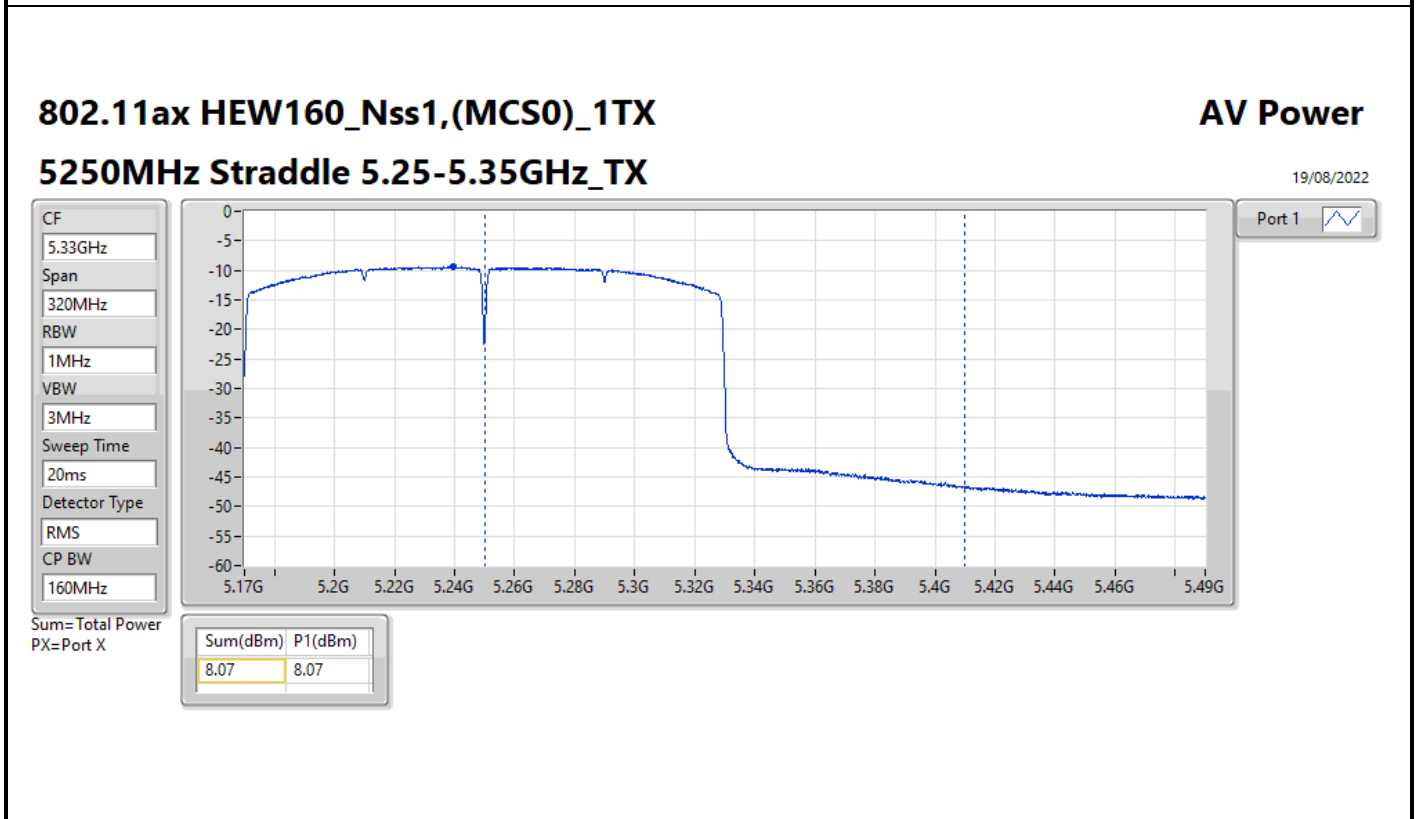
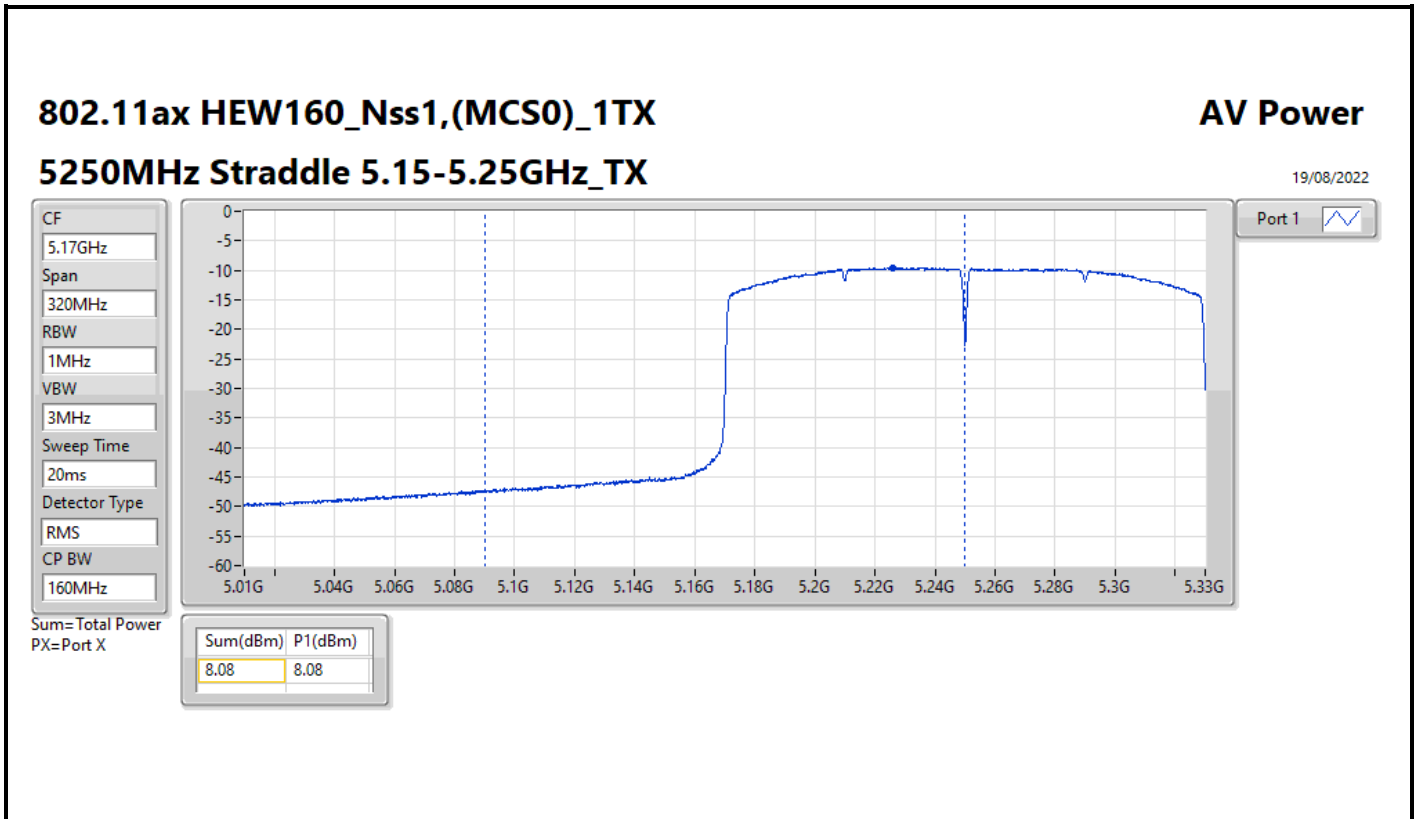
DG = Directional Gain; Port X = Port X output power

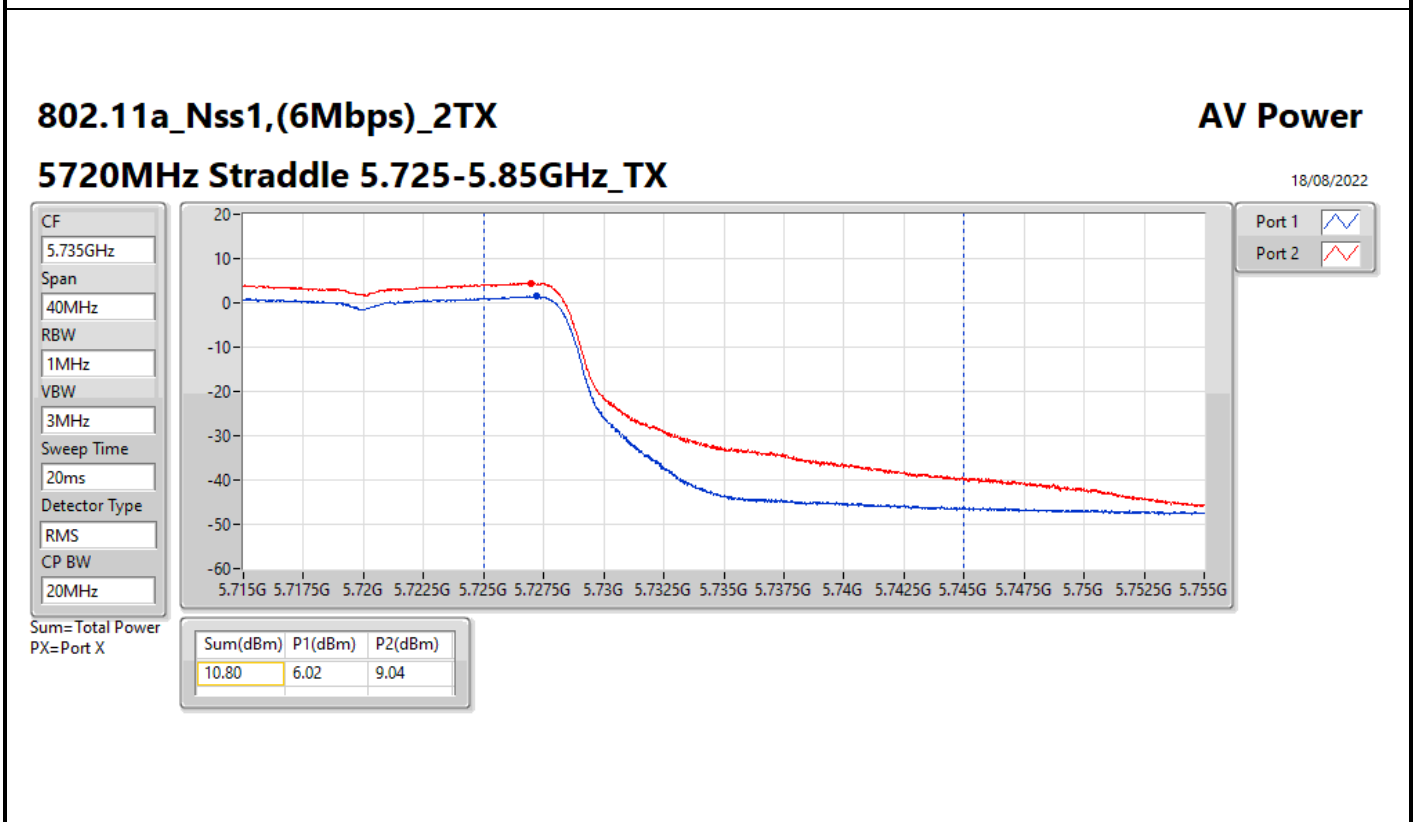
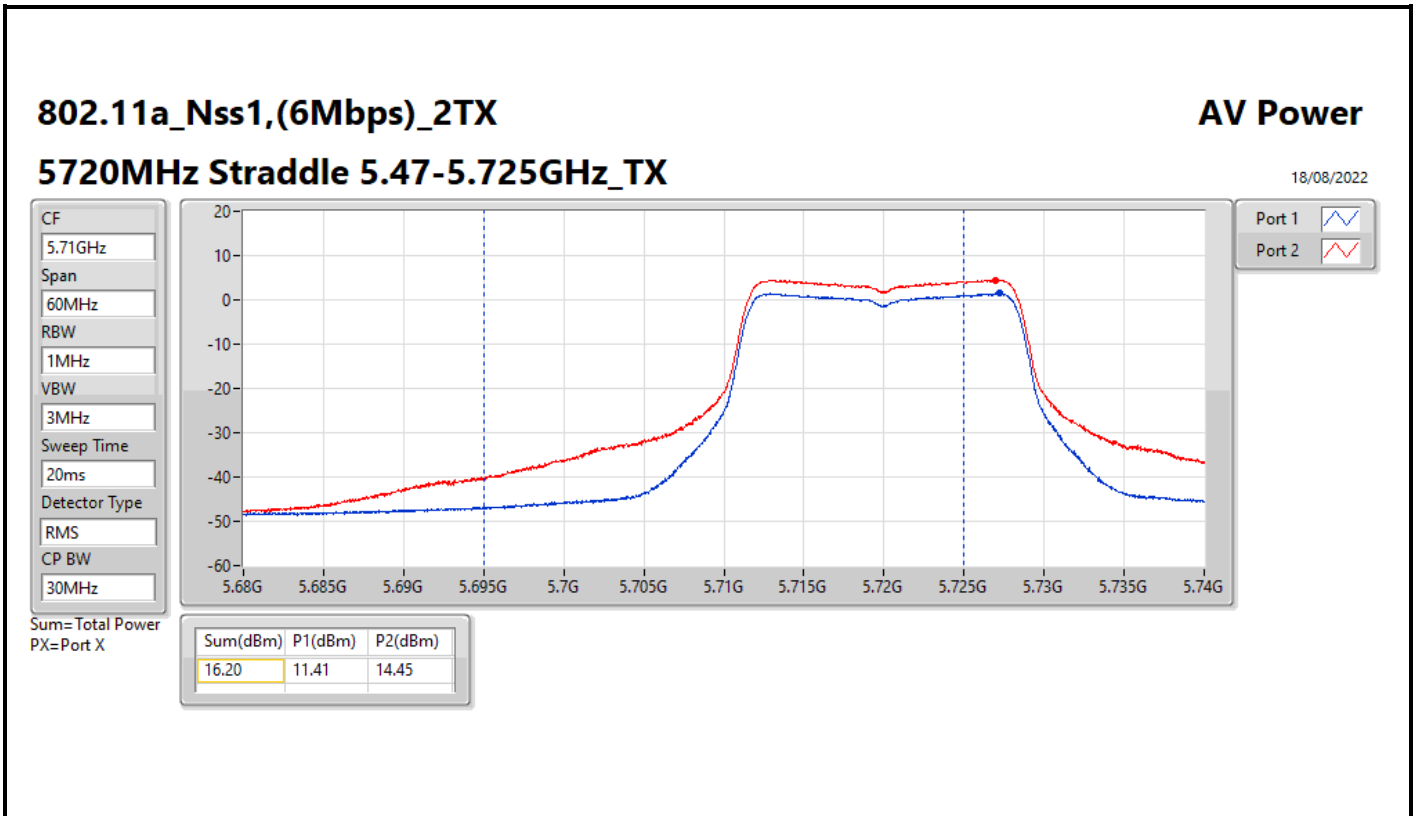


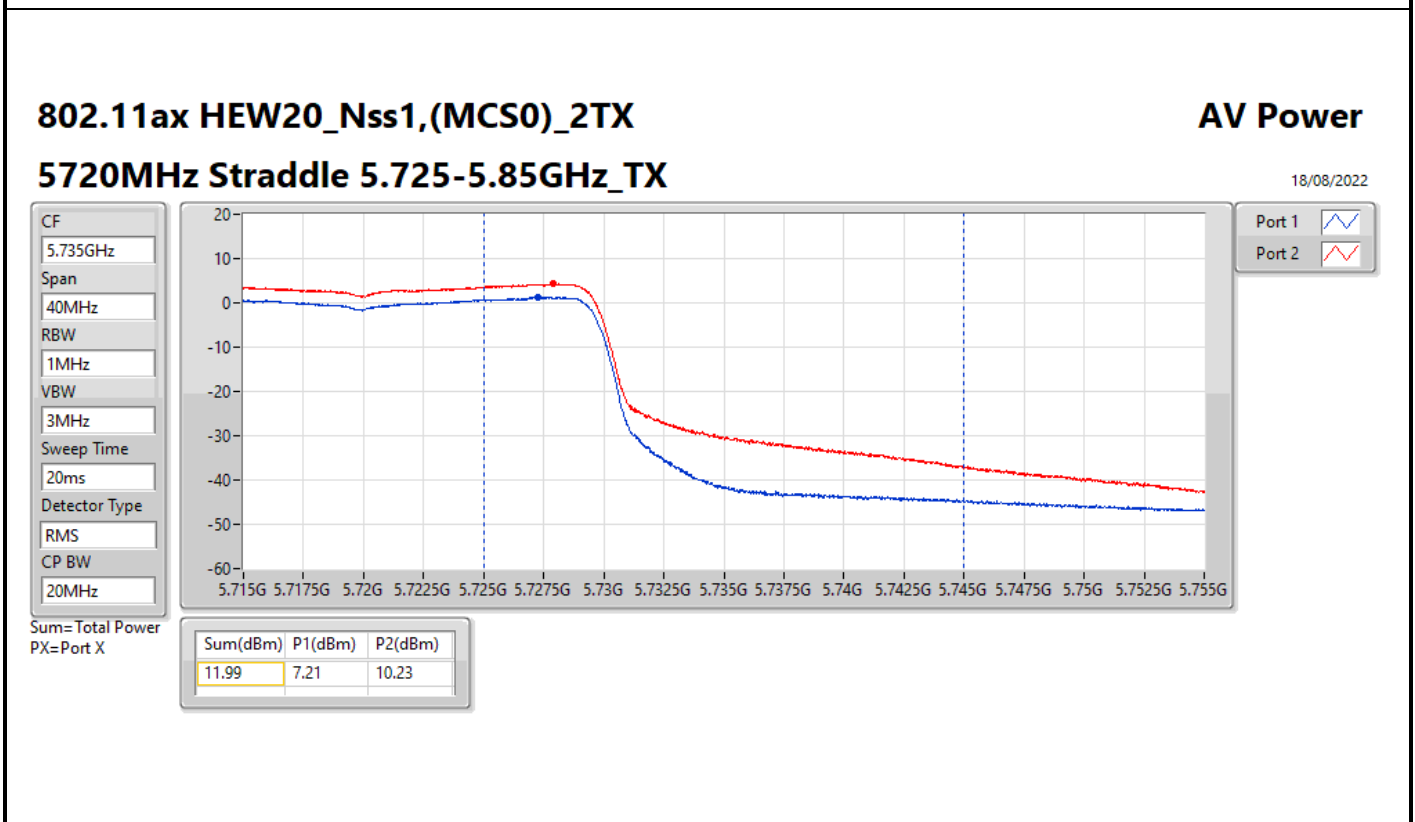
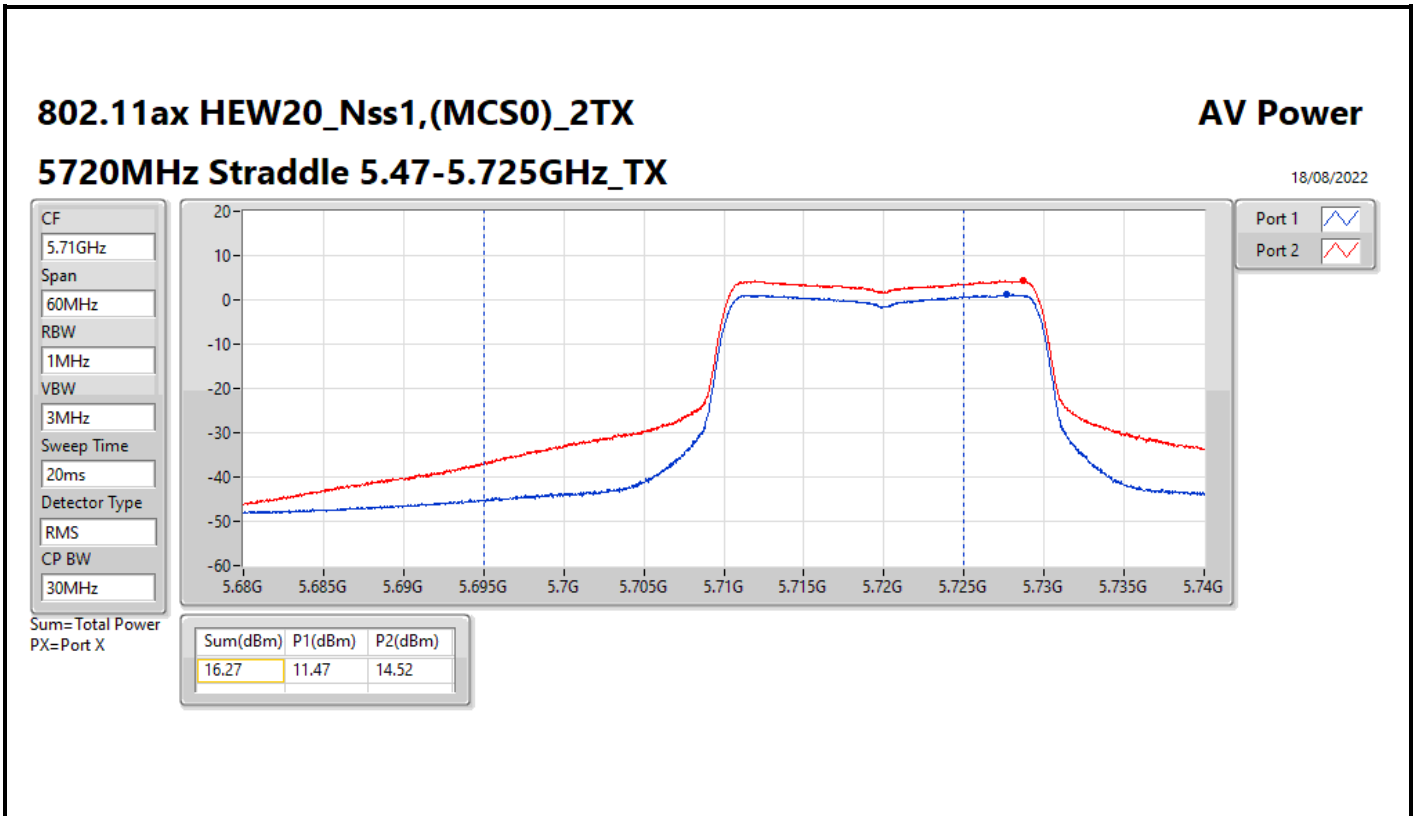


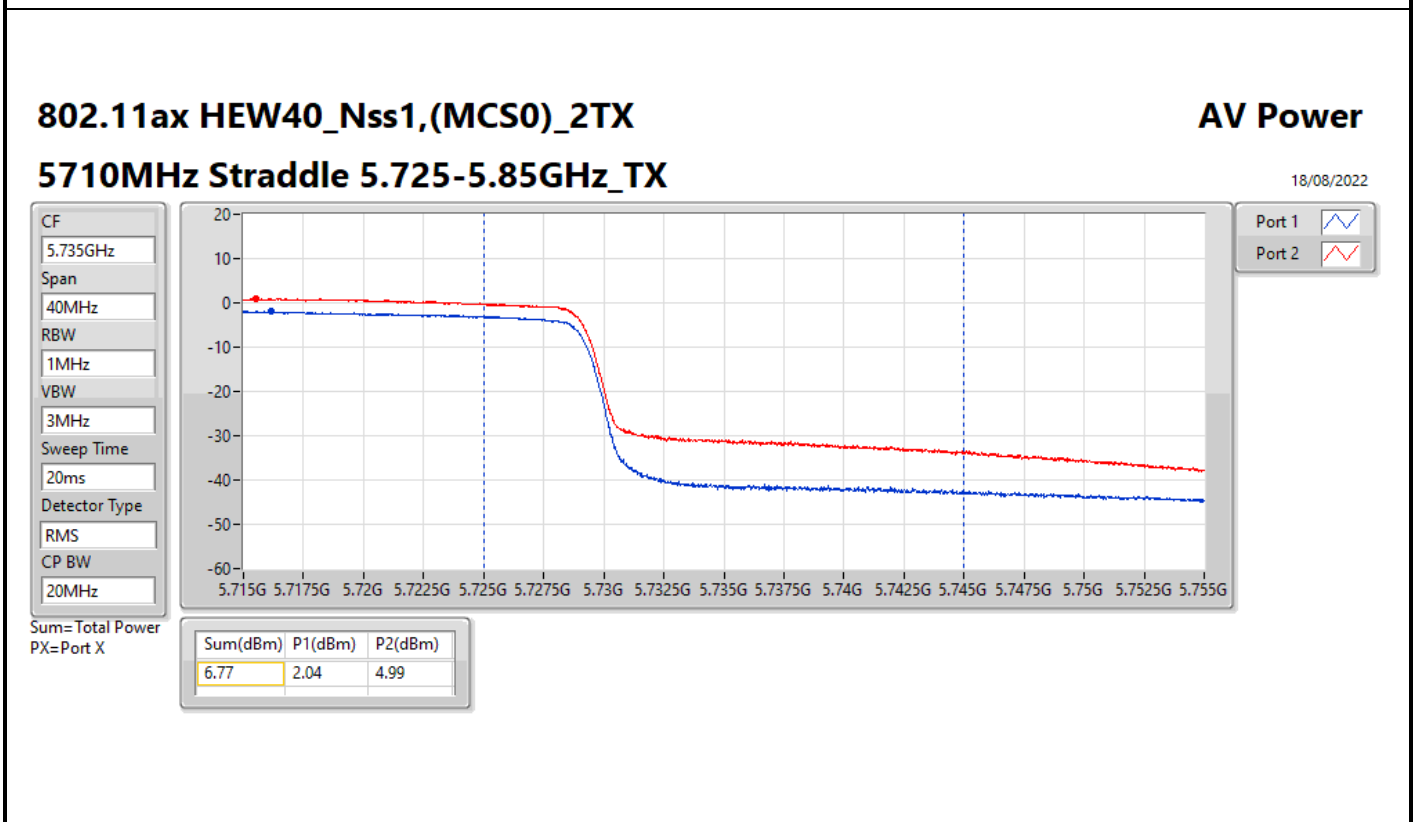
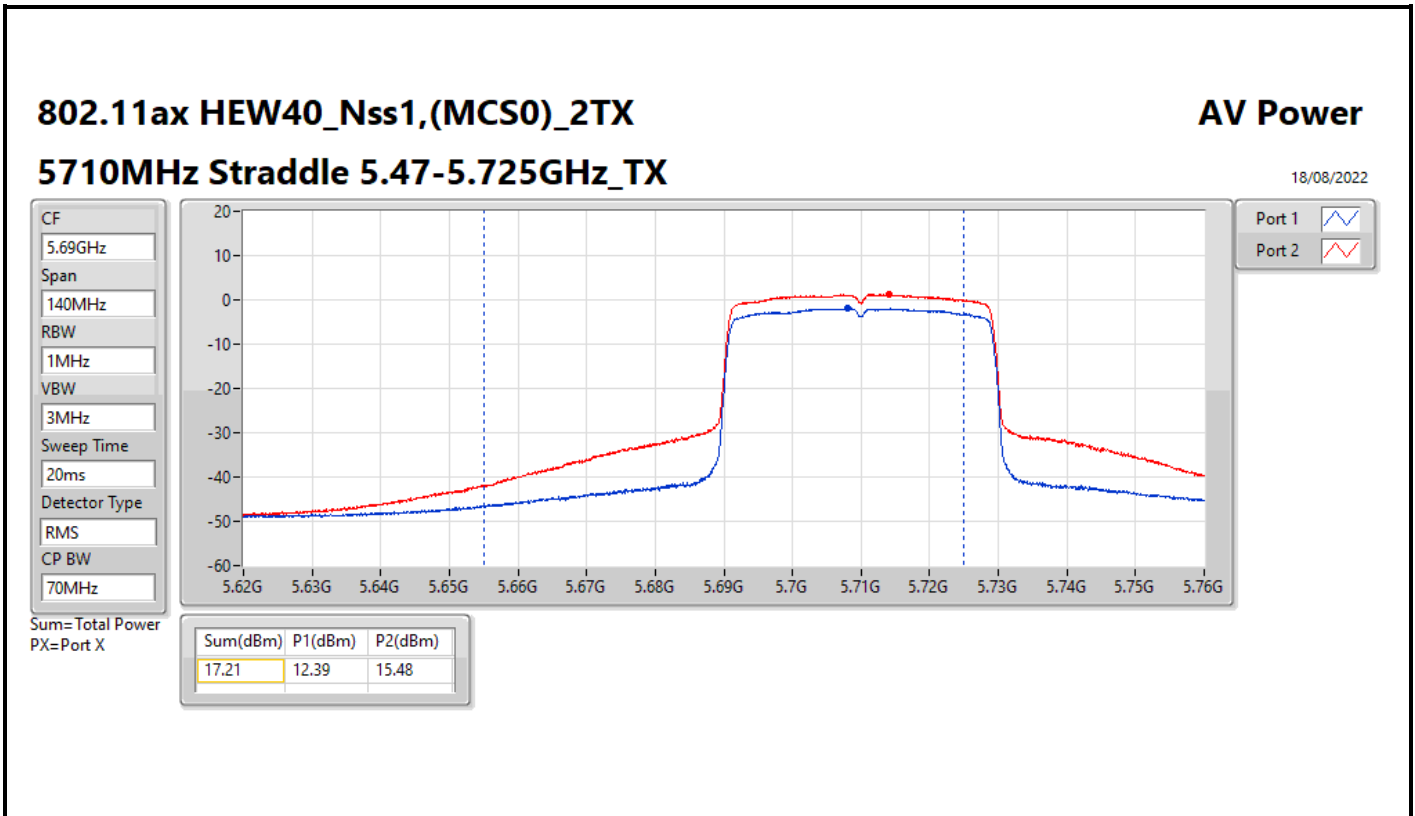


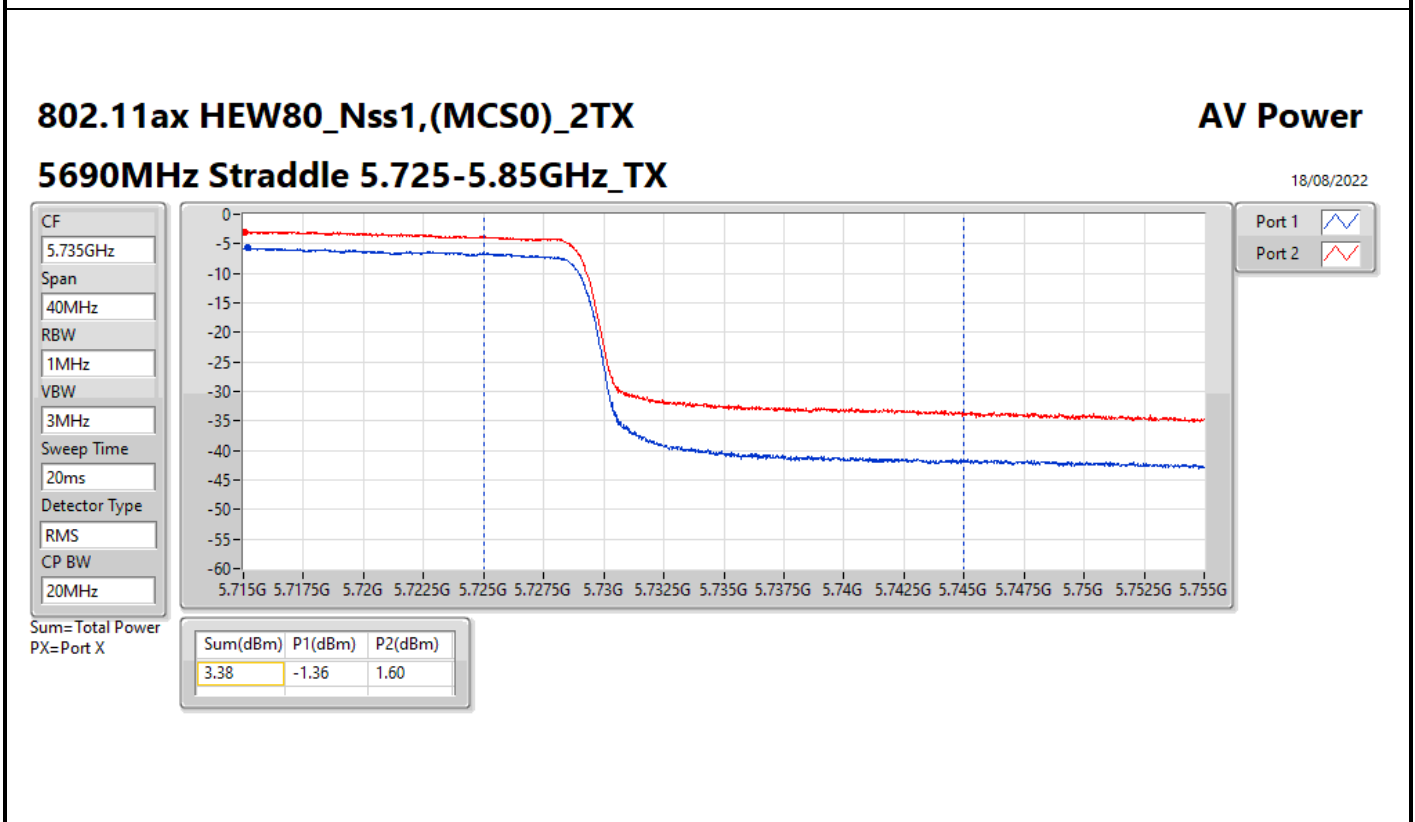
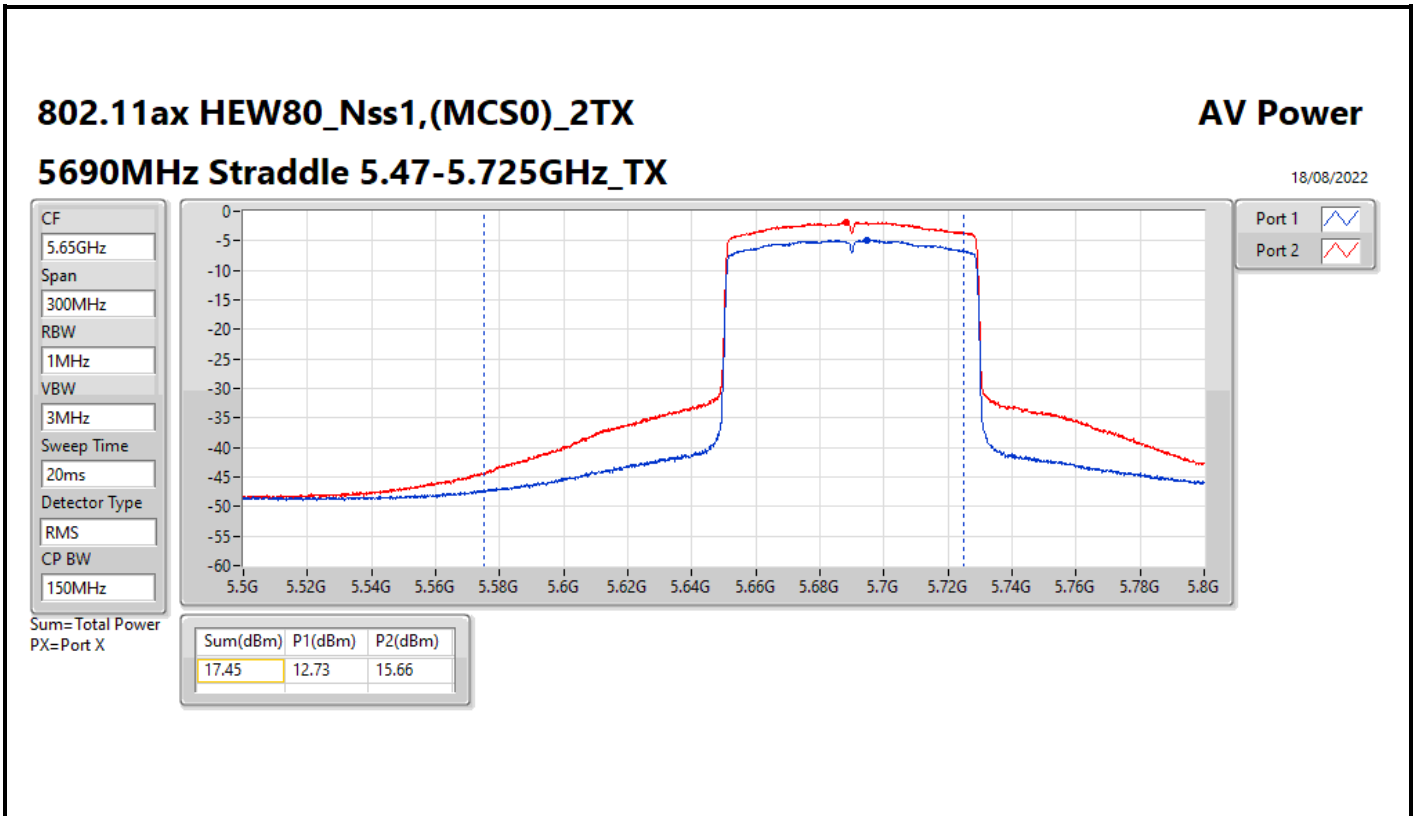


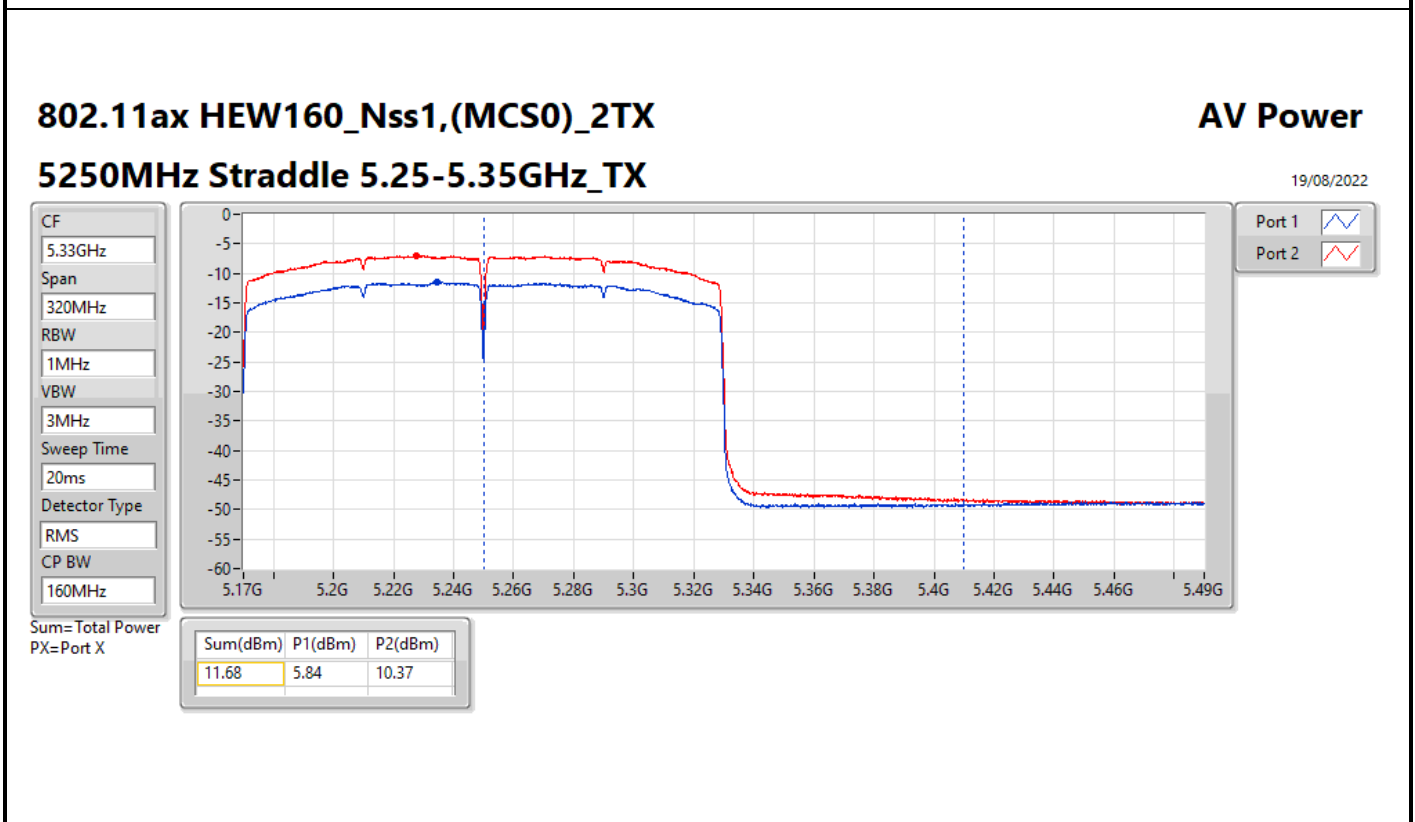
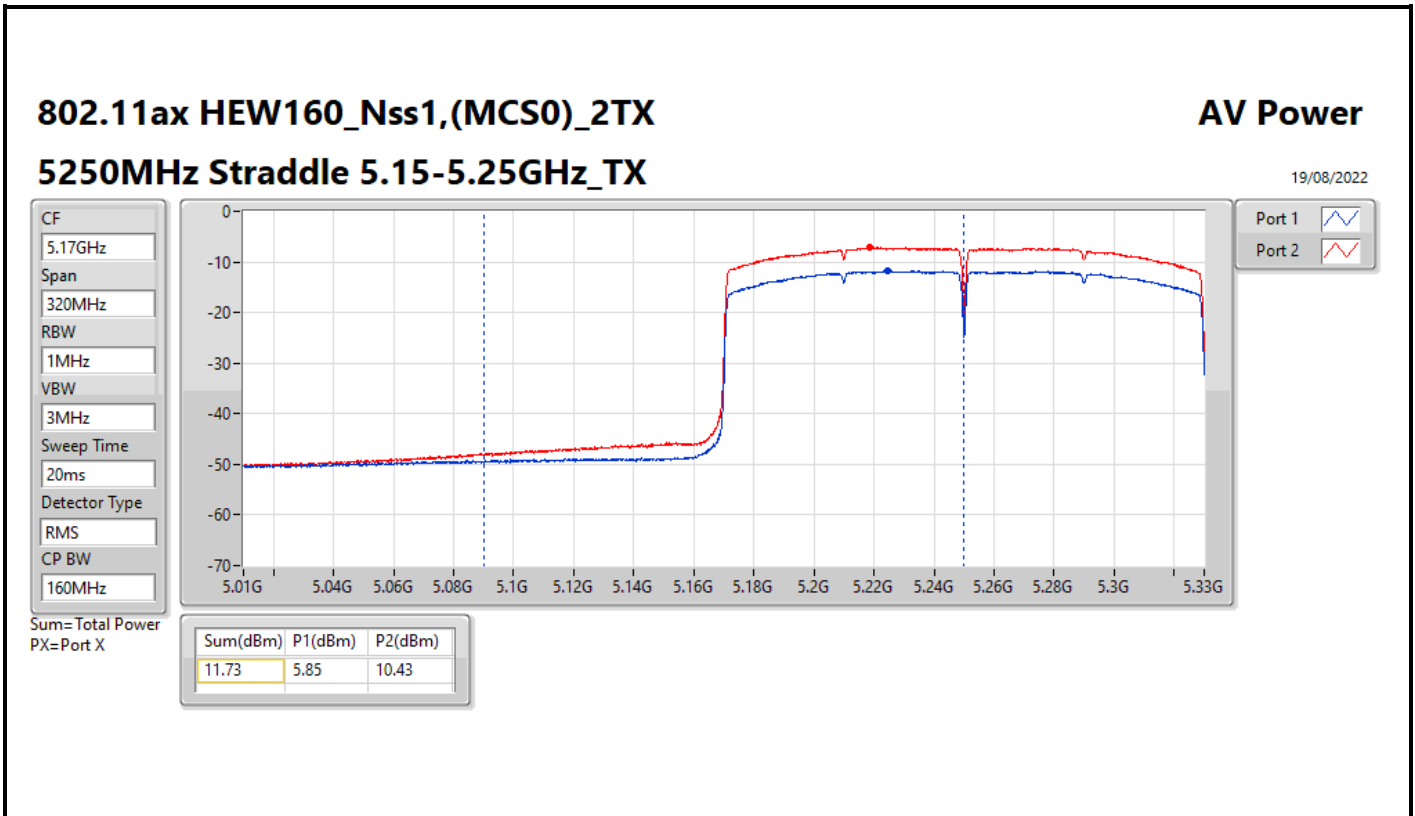


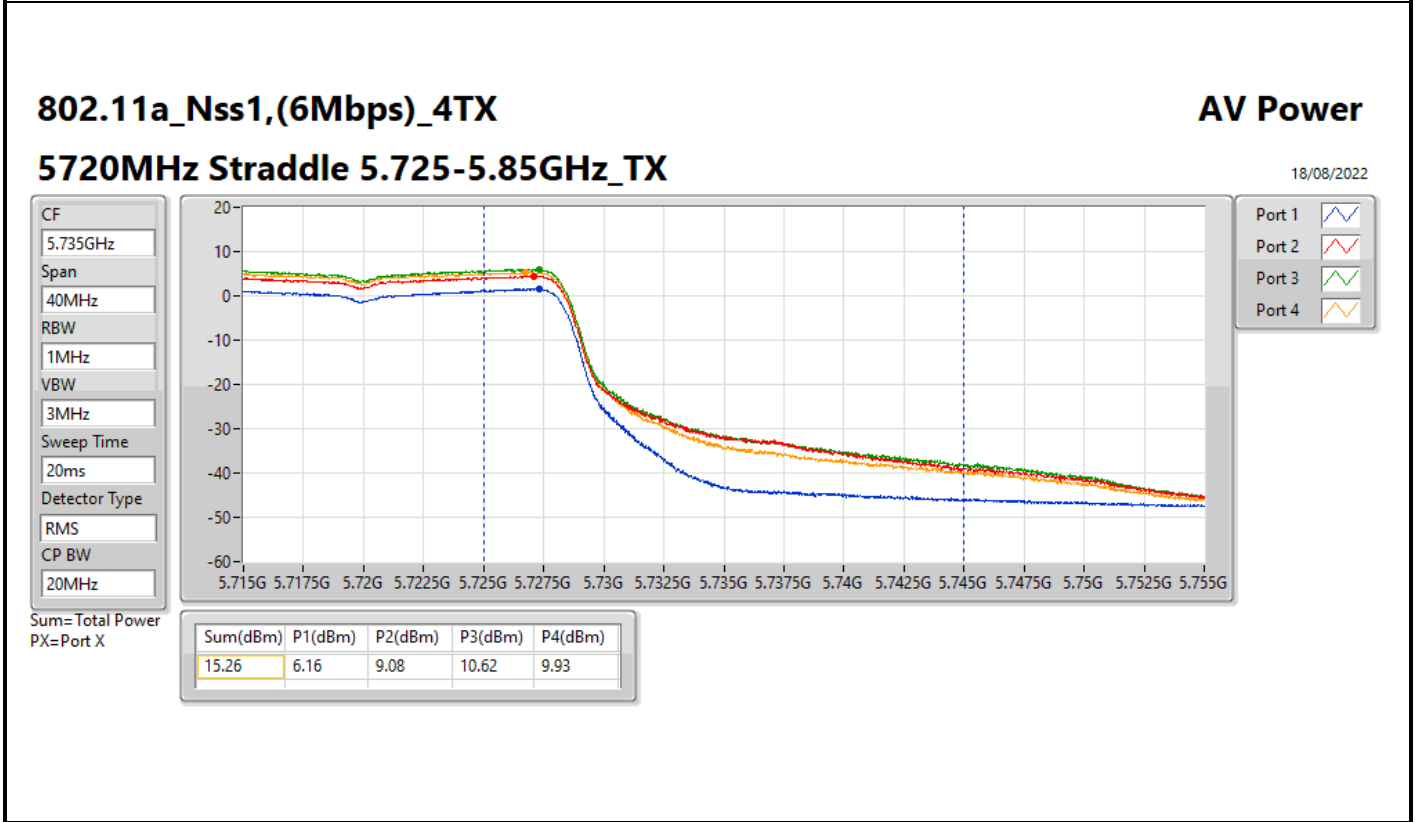
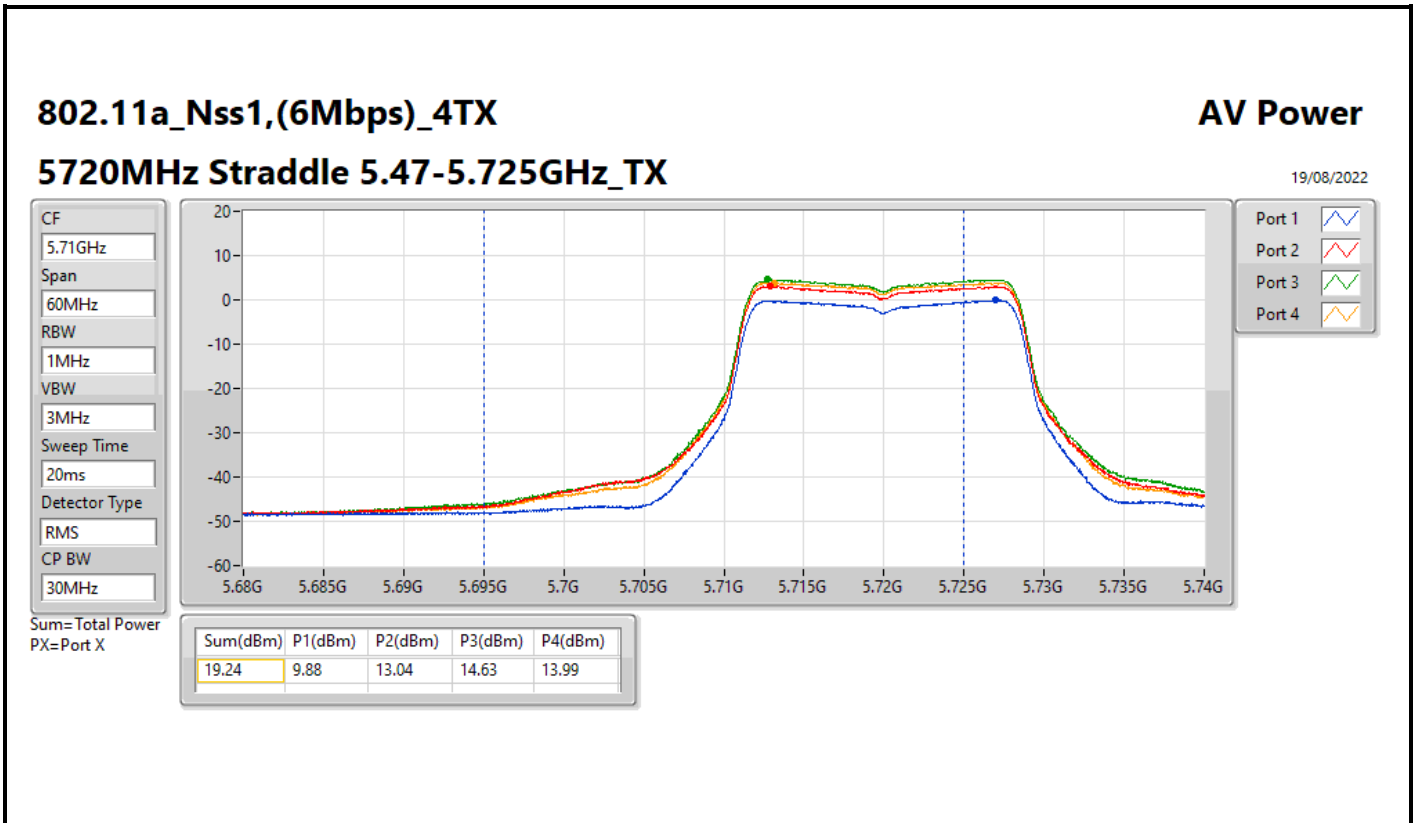


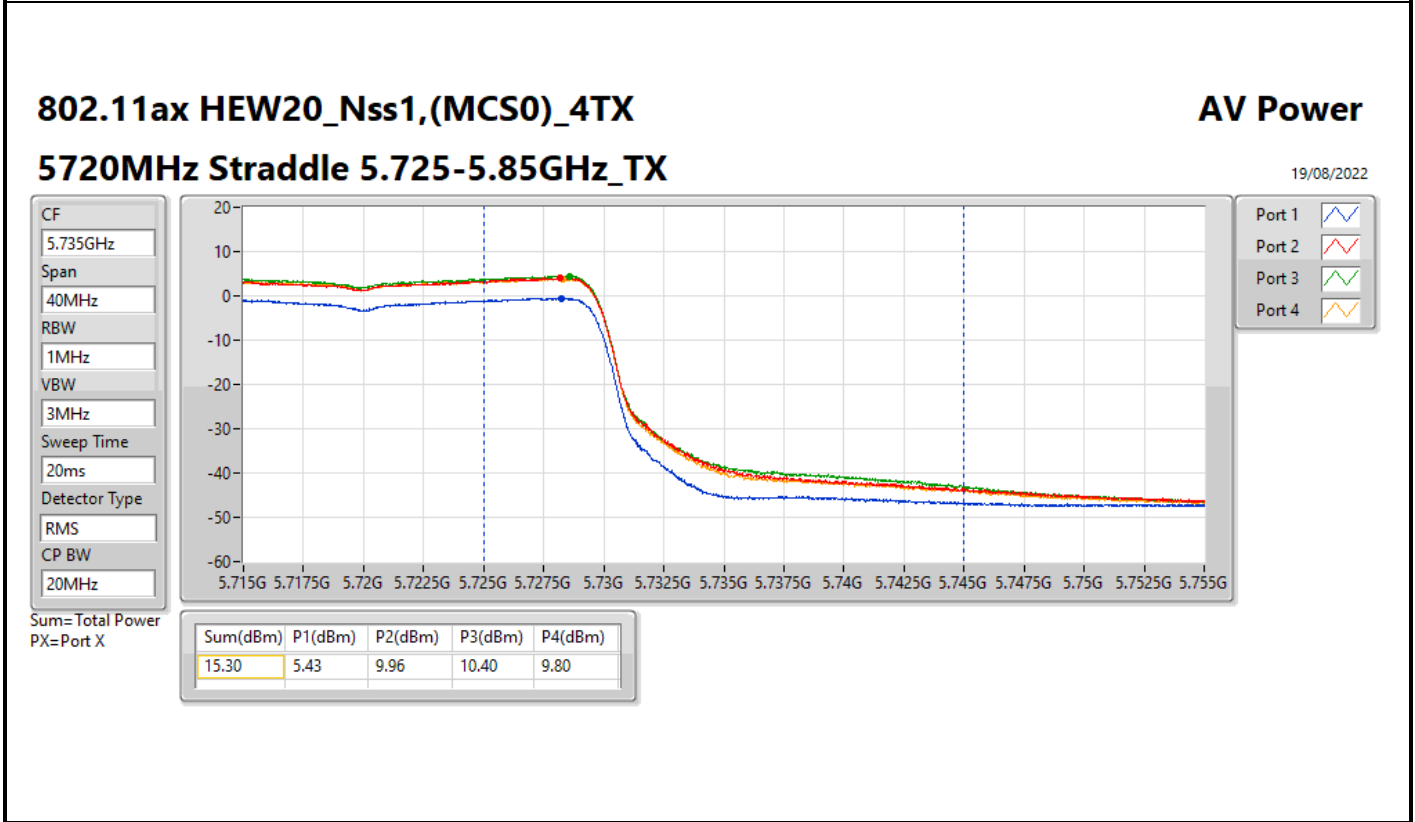
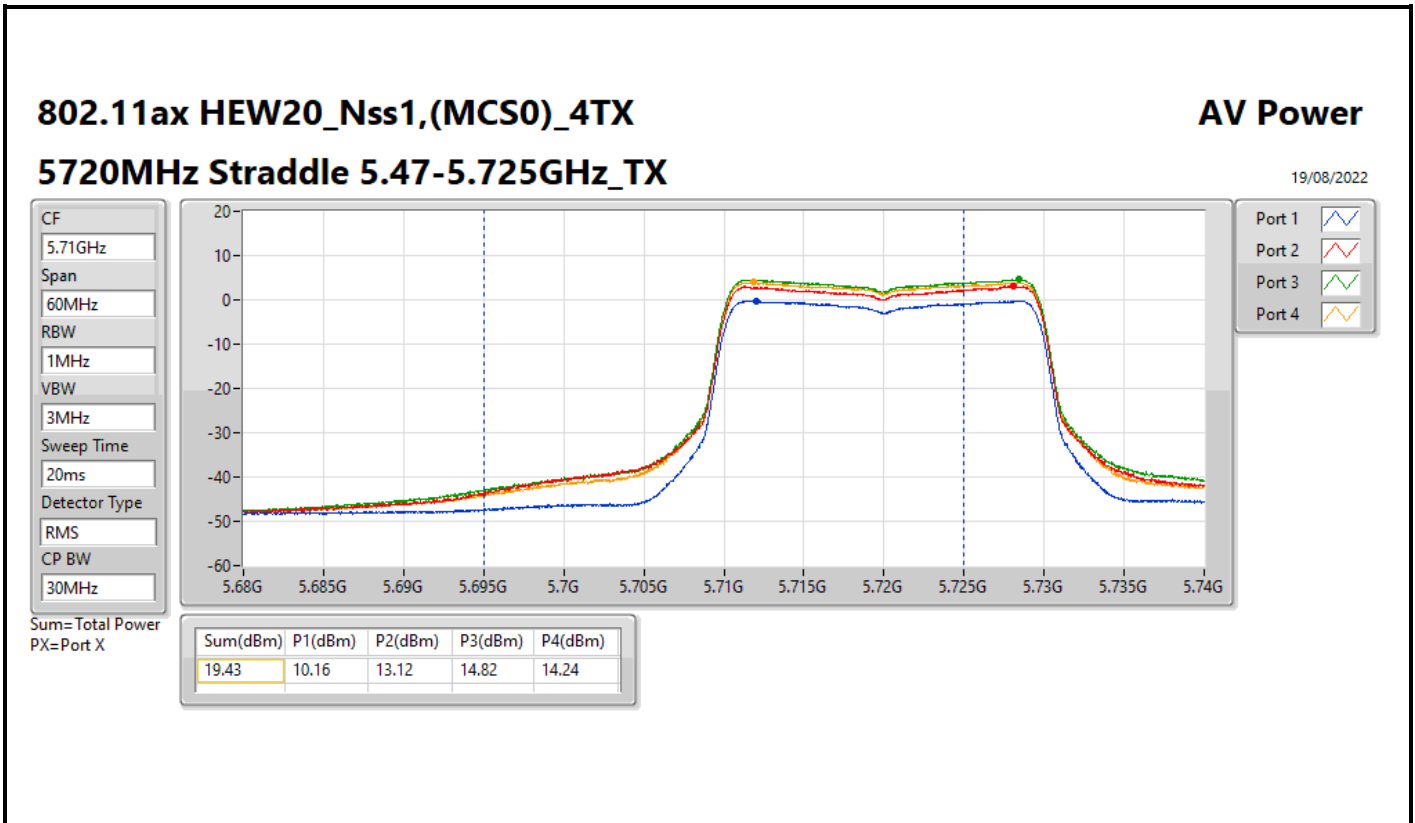


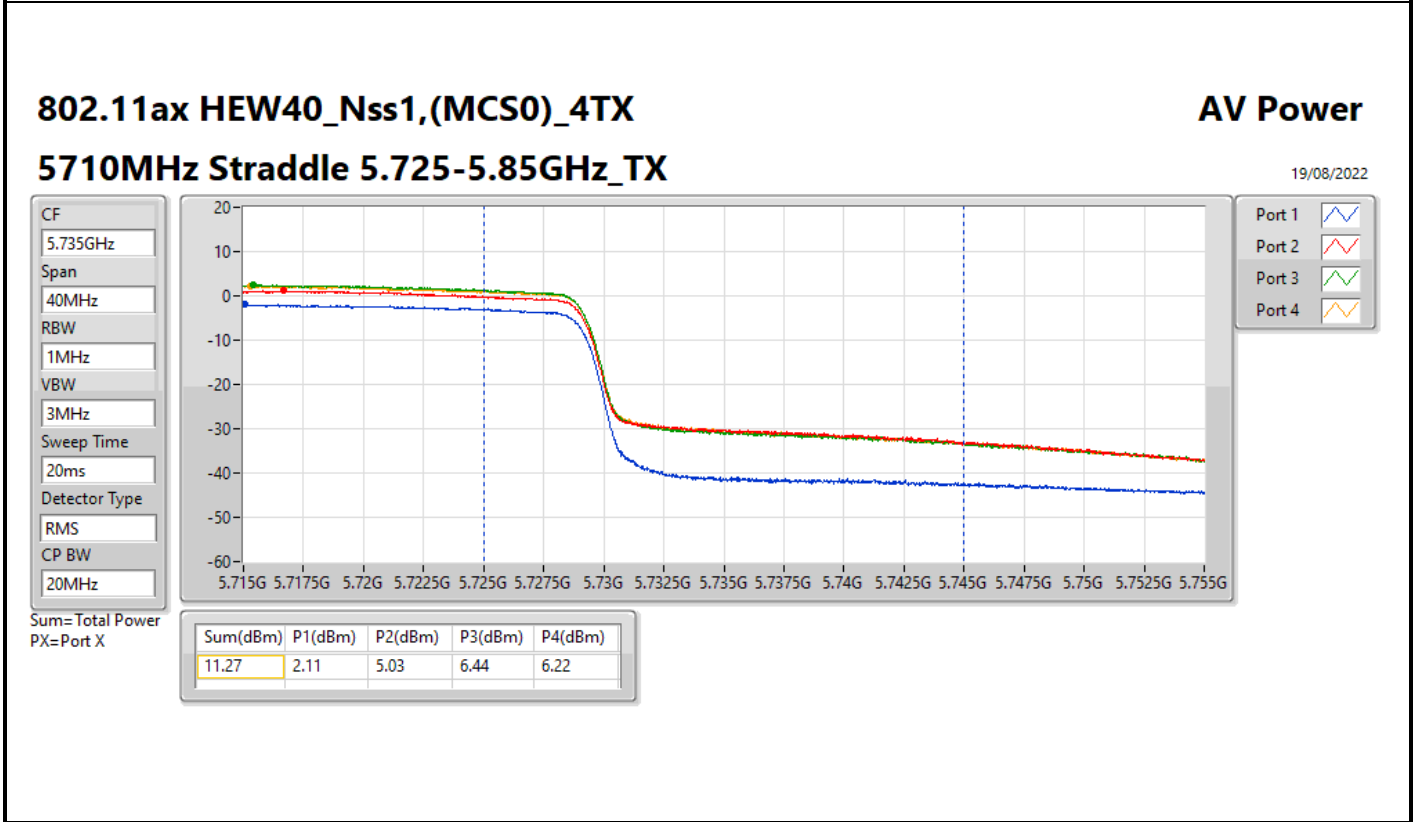
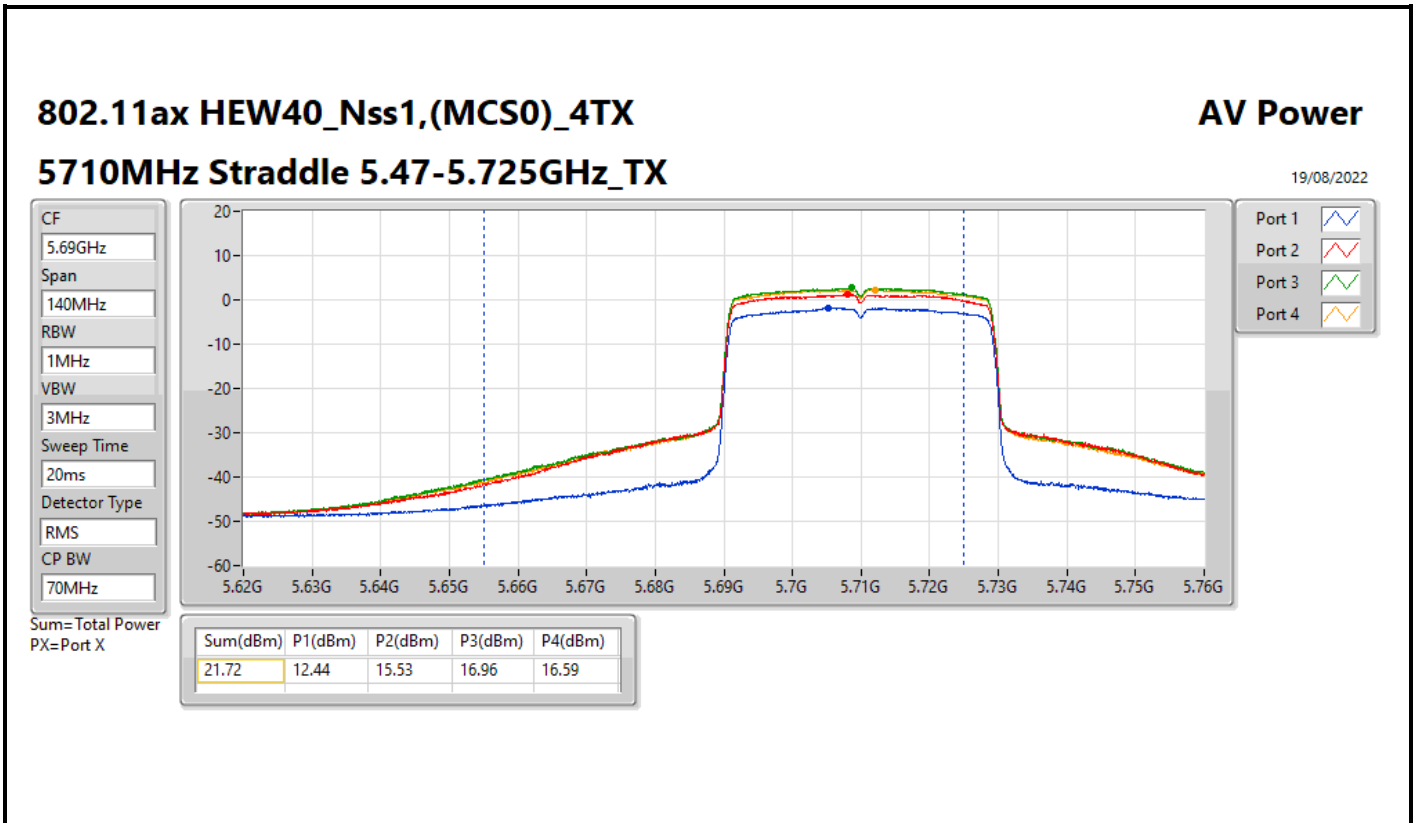


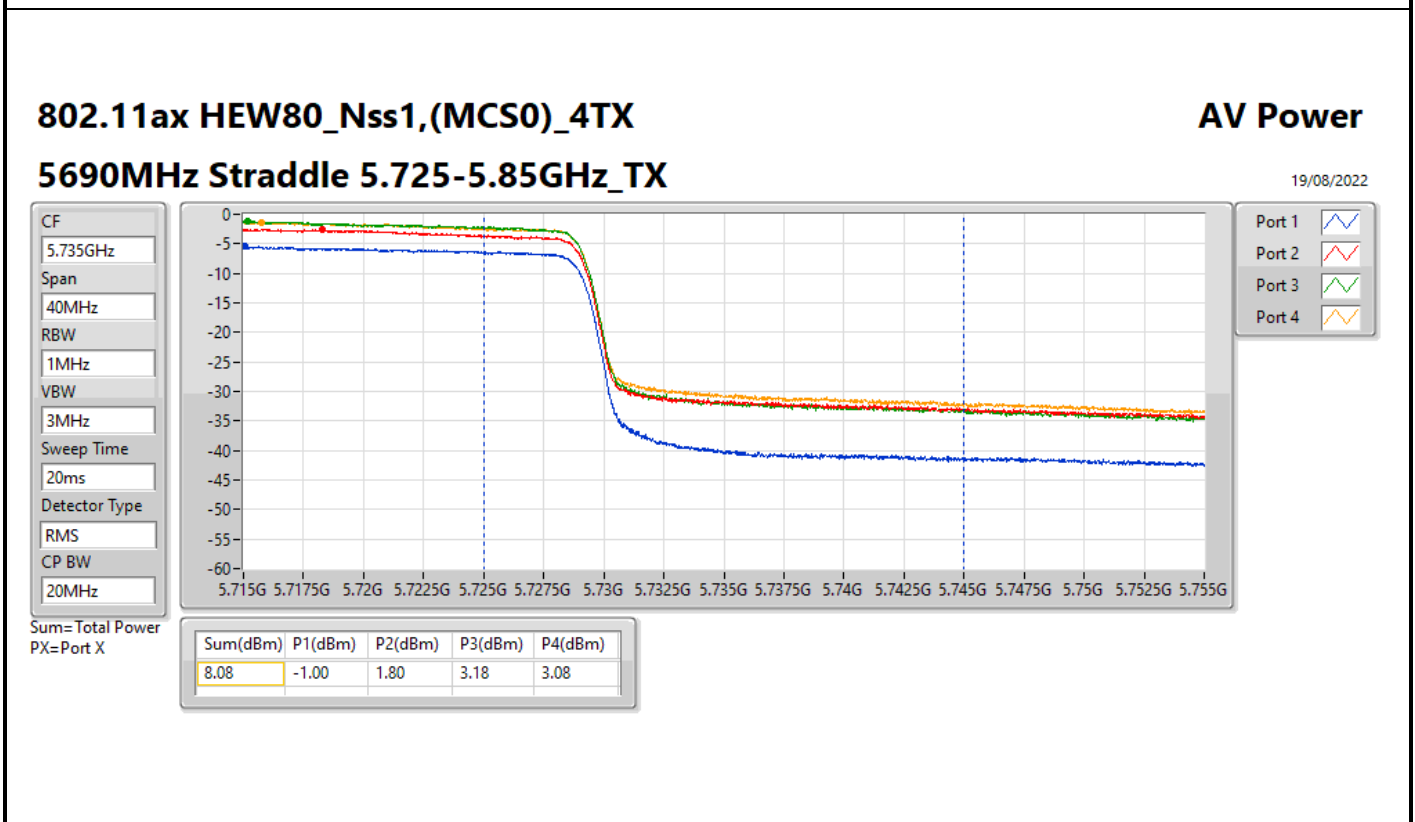
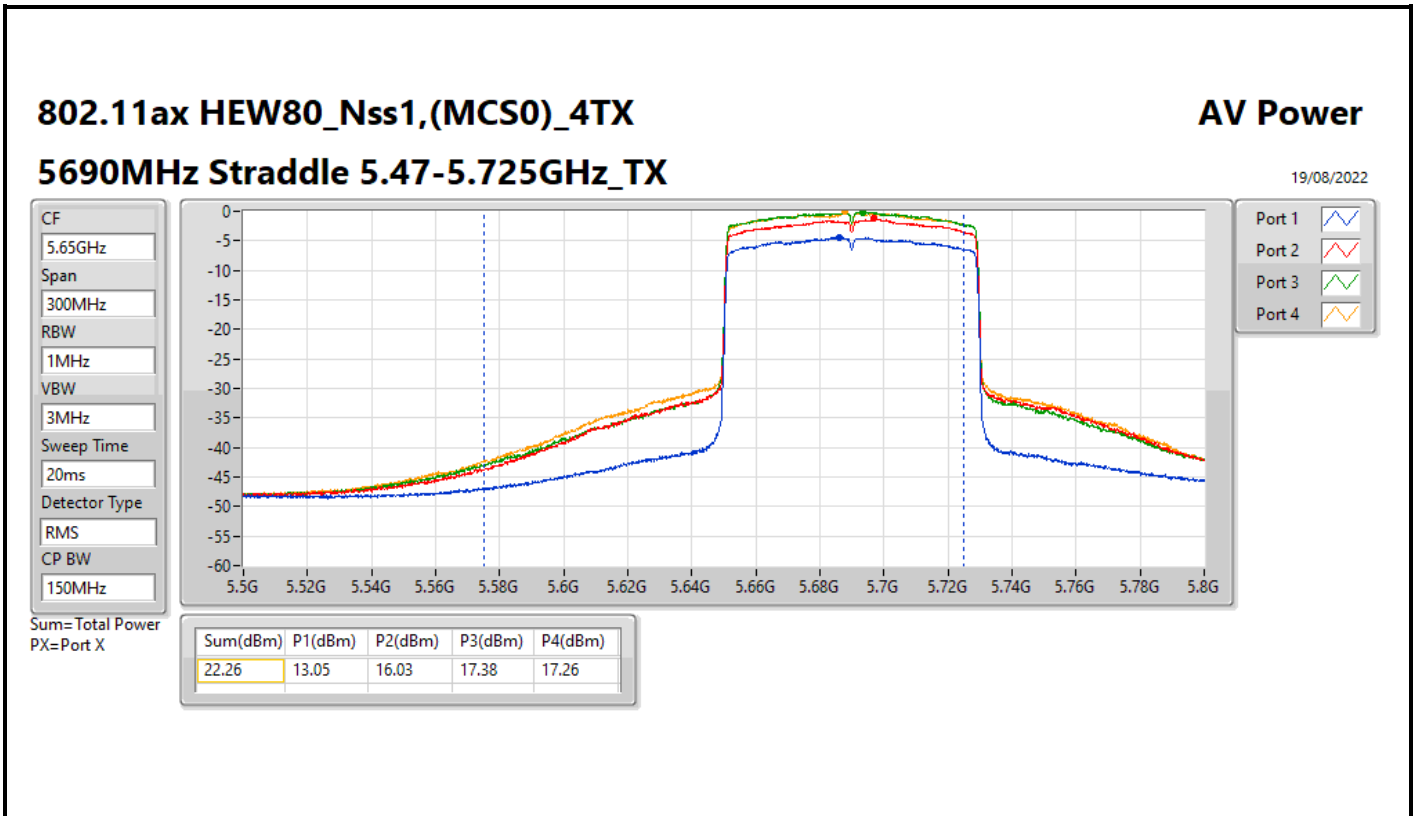


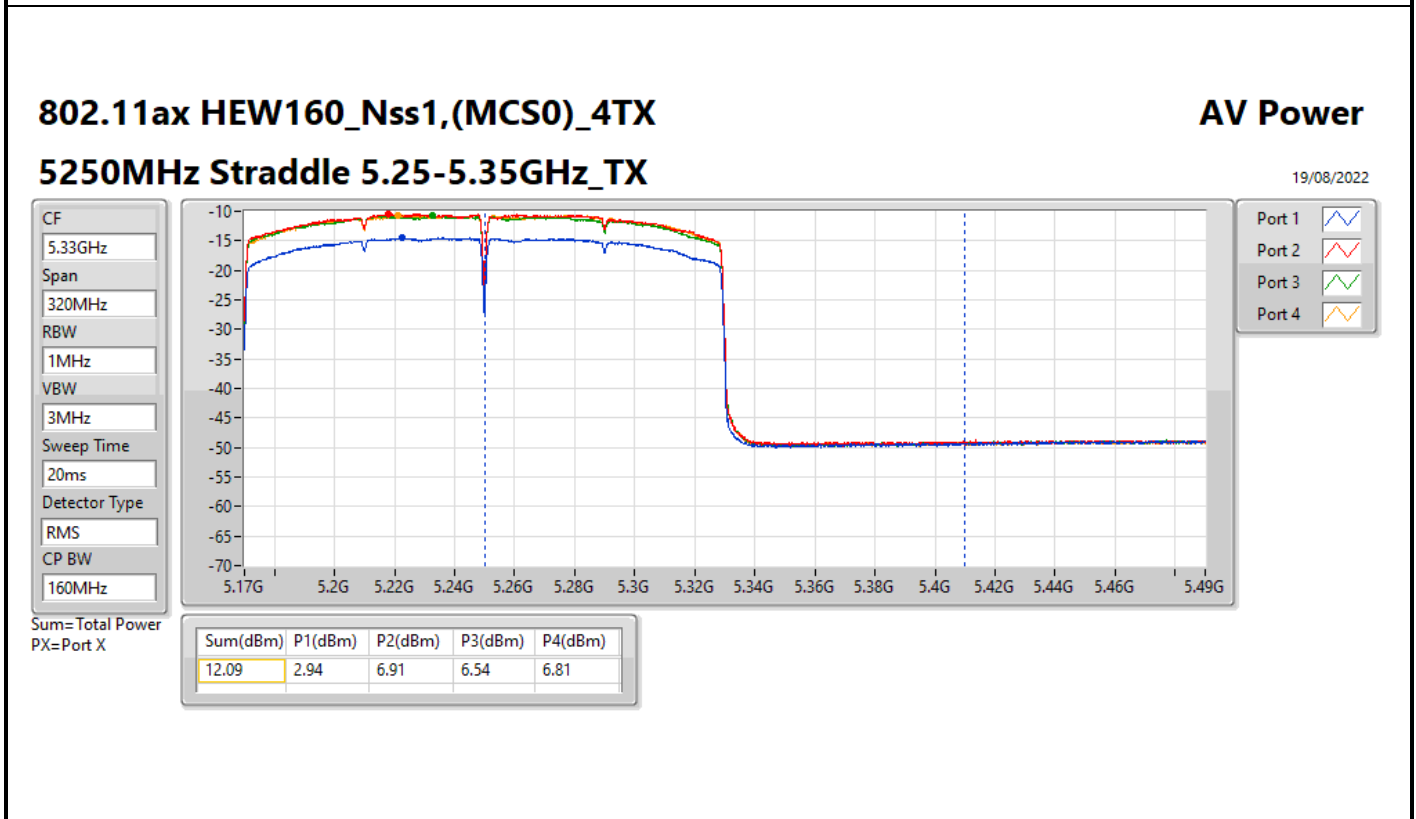
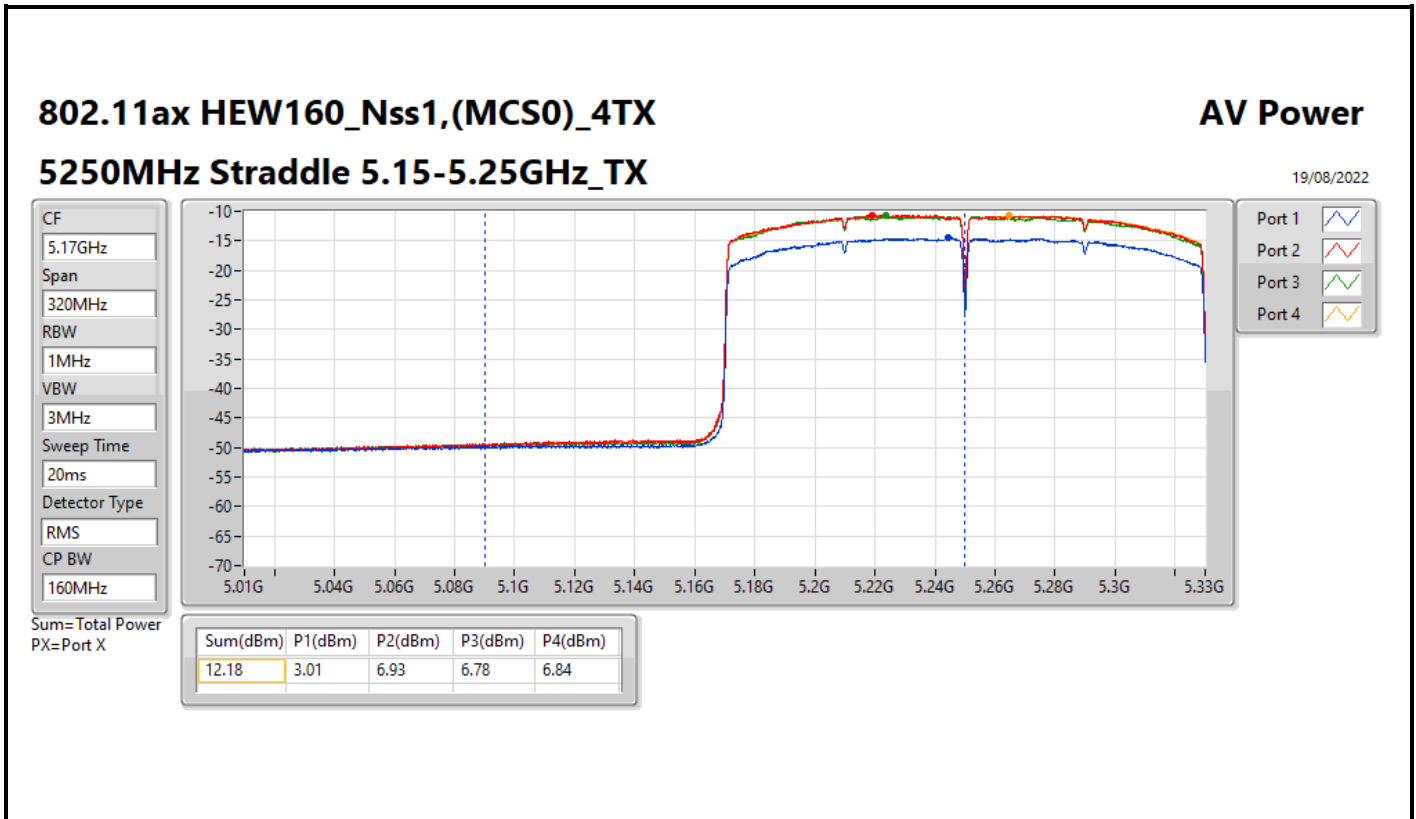














**Average Power_Pine R2_Antenna set 3_Beamforming mode_
Outdoor_P to M_P to P**

Appendix C.13

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	11.73	0.01489	17.74/14.74	0.05943/0.05943
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.46	0.07015	24.47	0.27990
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.89	0.07745	24.90	0.30903
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	15.35	0.03428	21.36	0.13677
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	11.68	0.01472	17.69	0.05875
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	18.19	0.06592	24.20	0.26303
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	18.29	0.06745	24.30	0.26915
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	18.48	0.07047	24.49	0.28119
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	14.58	0.02871	20.59	0.11455
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.99	0.01581	18.00	0.06310
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	6.77	0.00475	12.78	0.01897
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	3.38	0.00218	9.39	0.00869



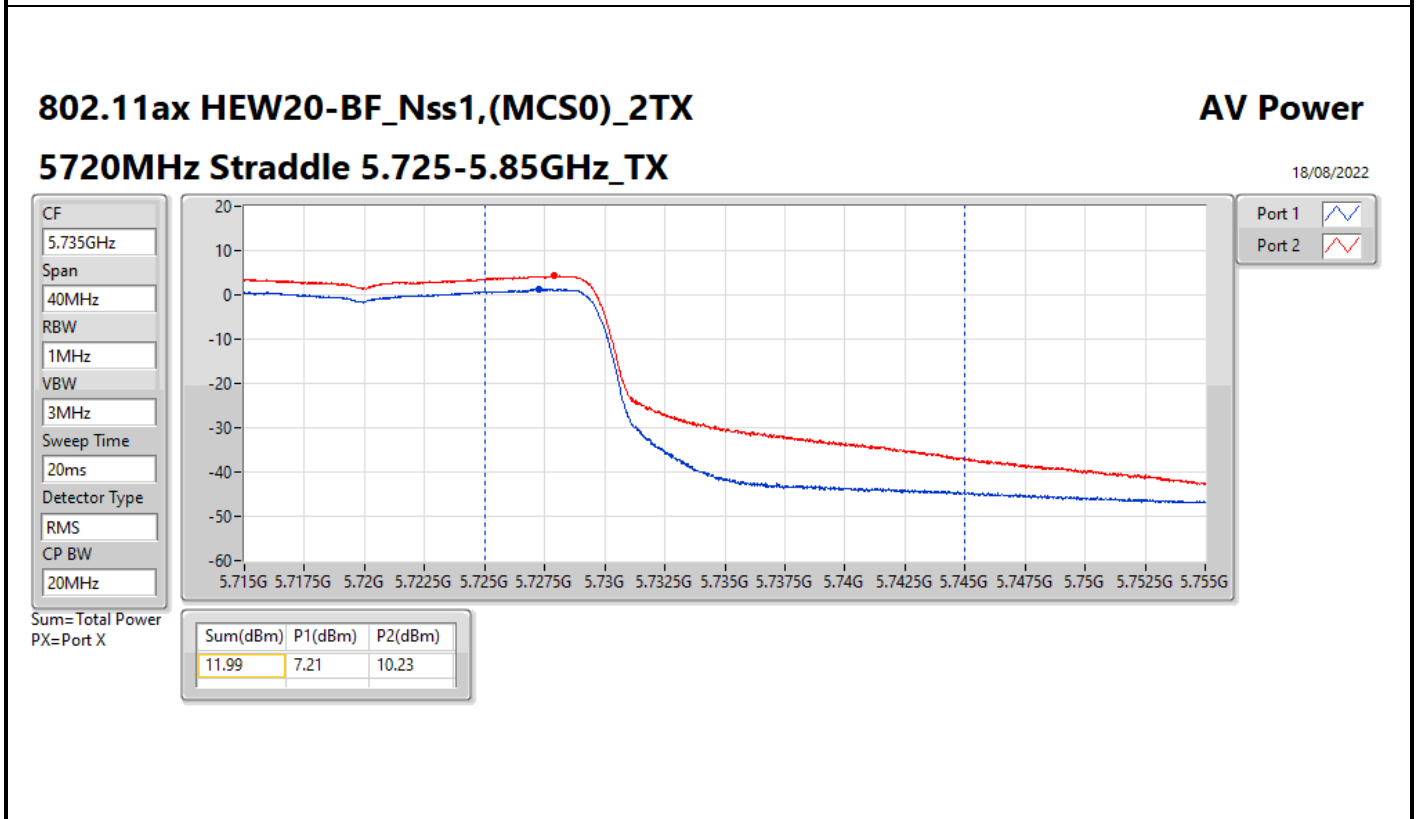
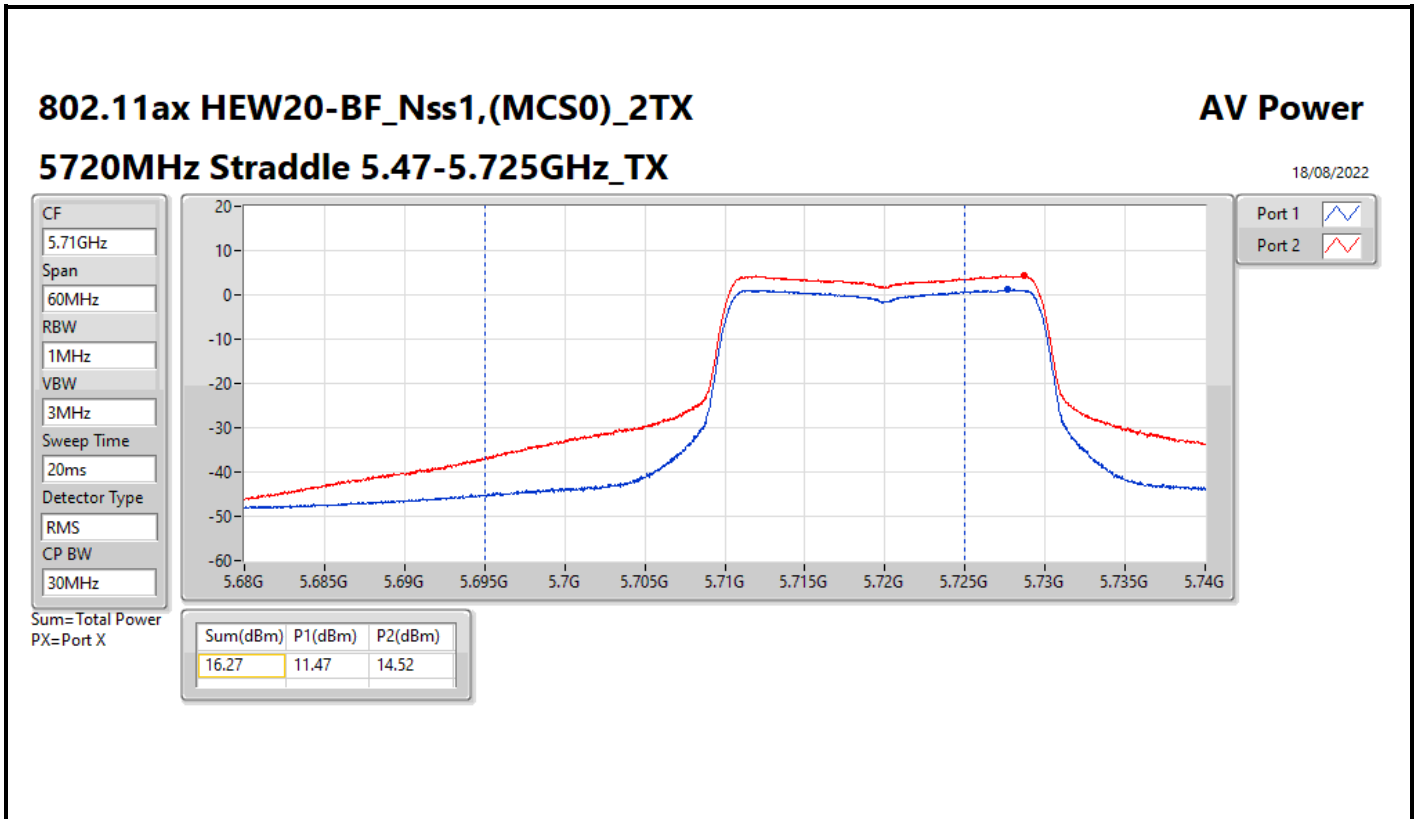
Average Power_Pine R2_Antenna set 3_Beamforming mode_
Outdoor_P to M_P to P

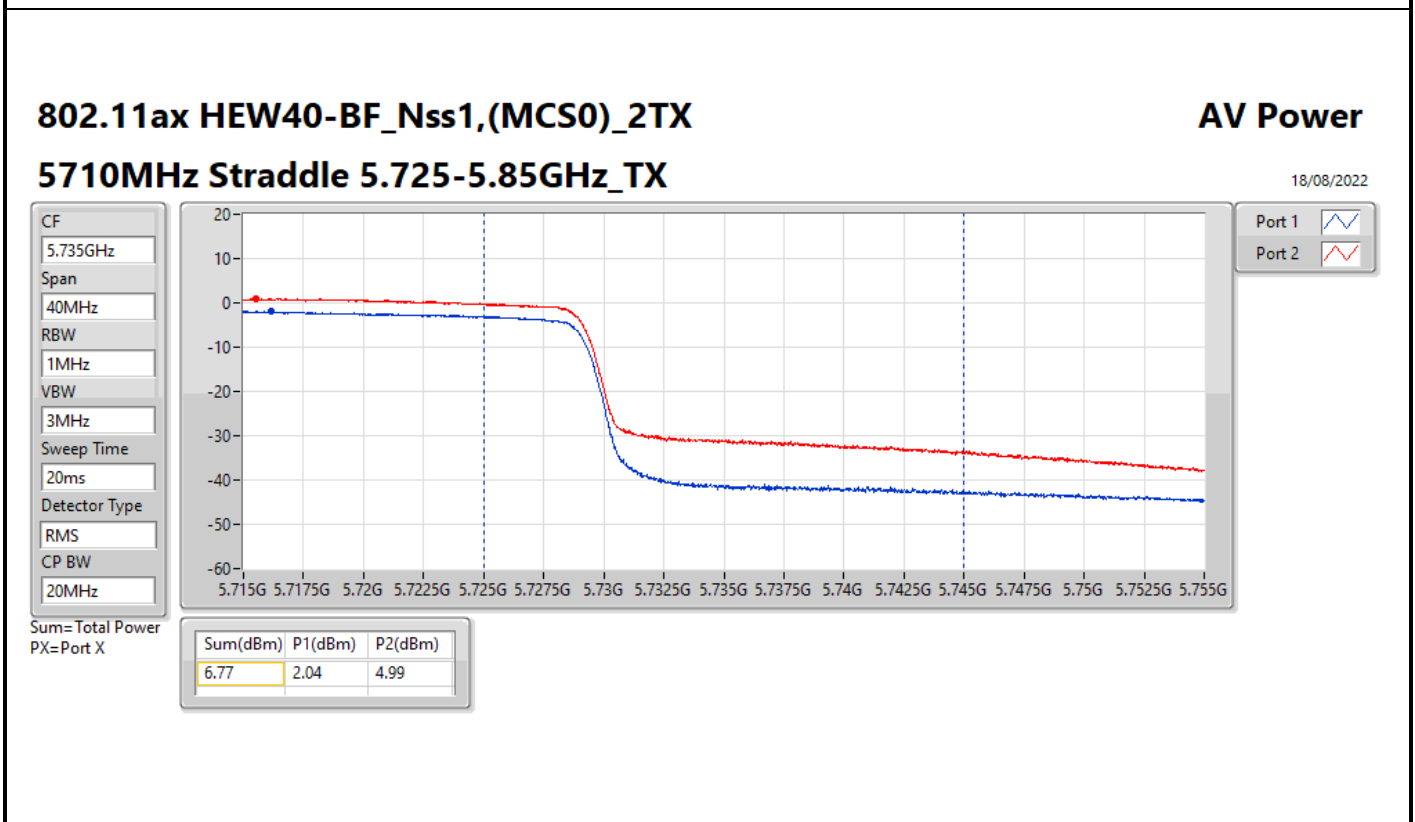
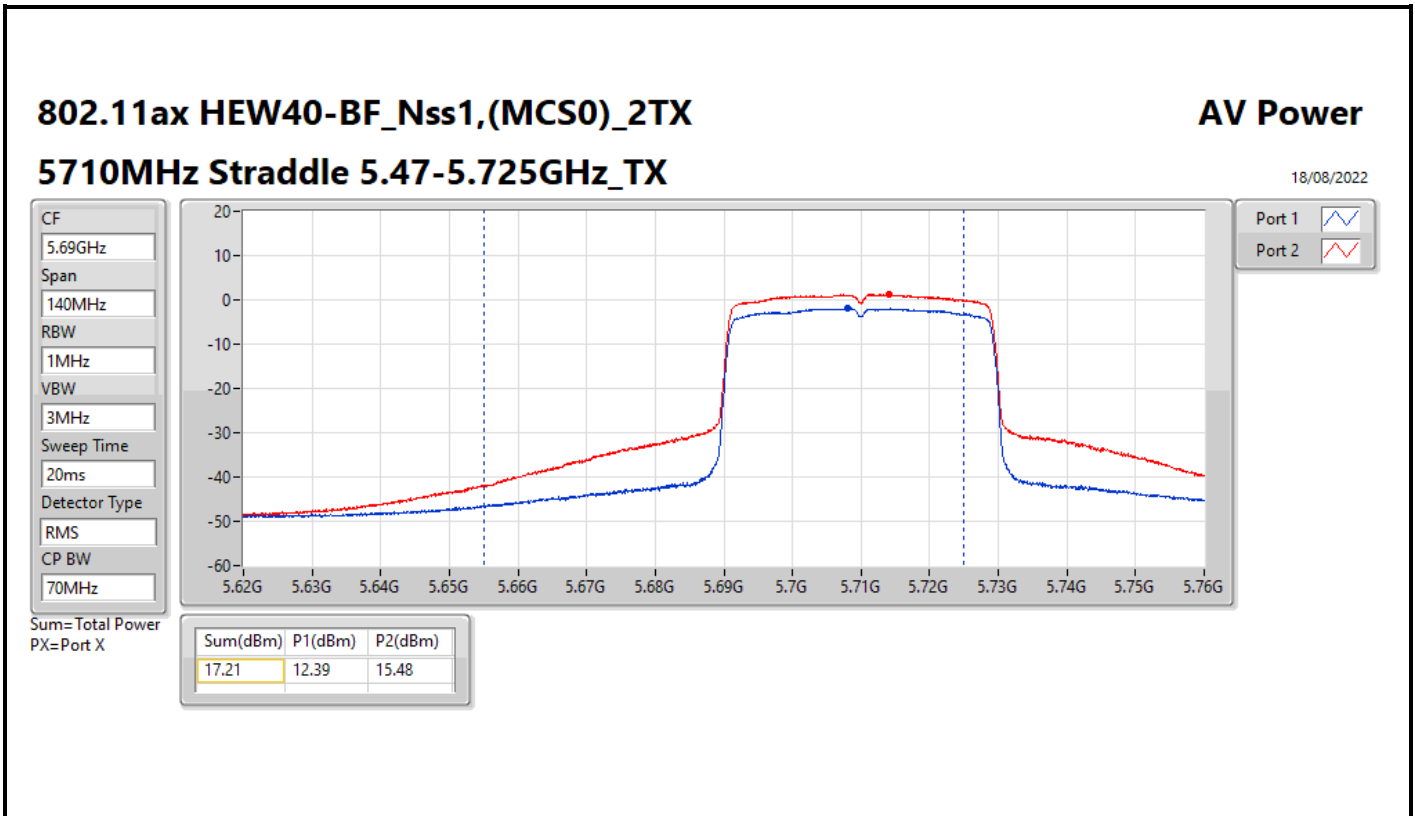
Appendix C.13

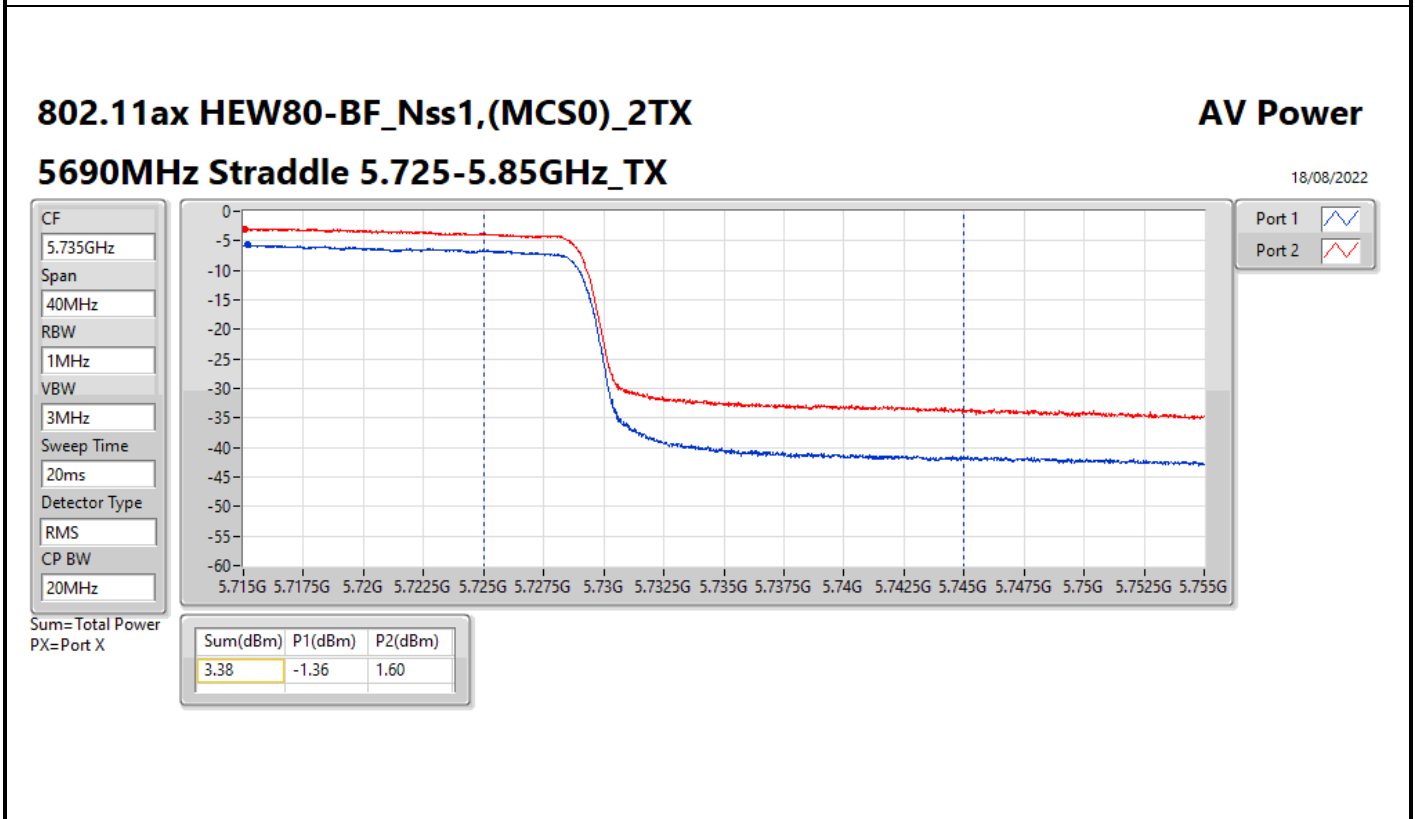
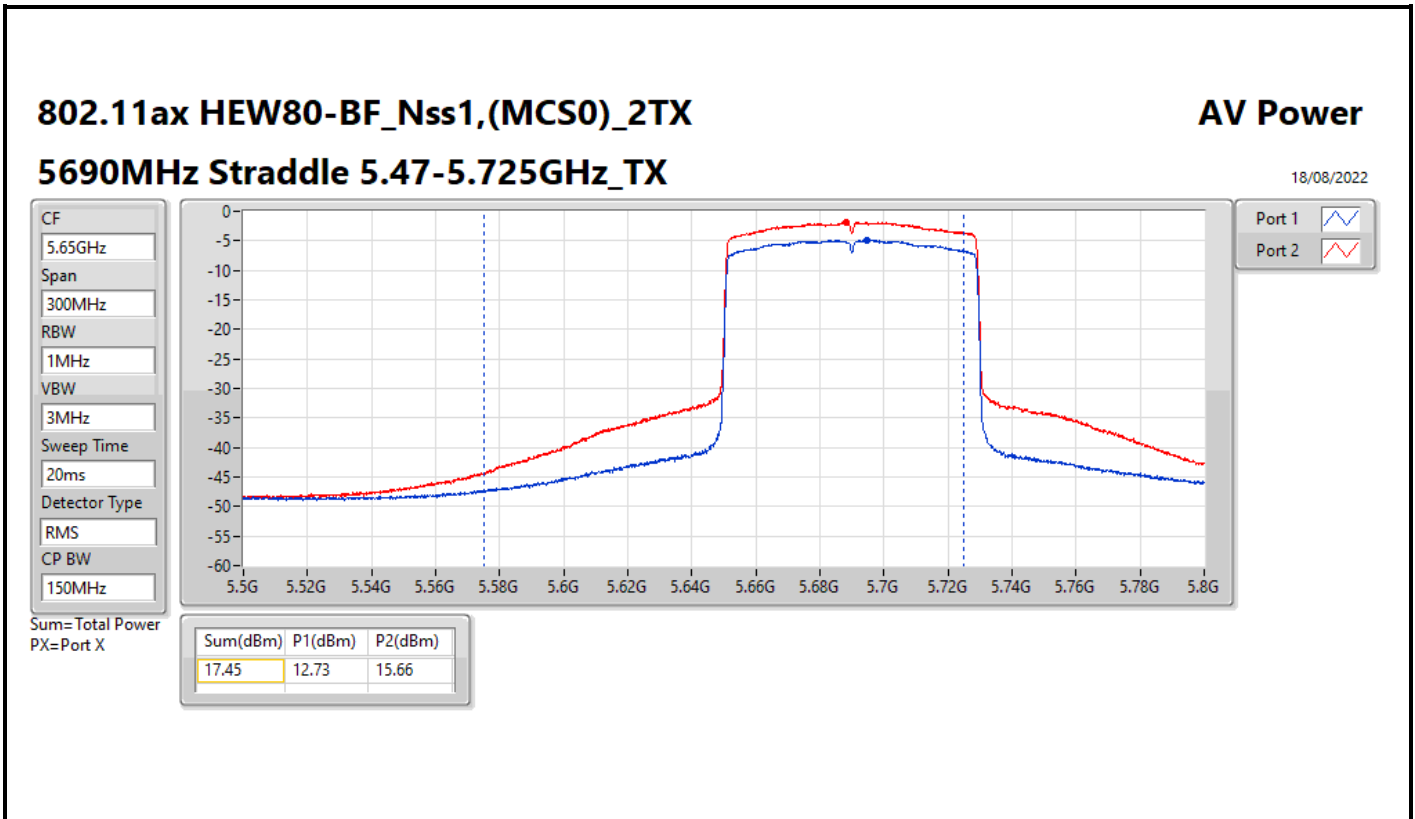
Result

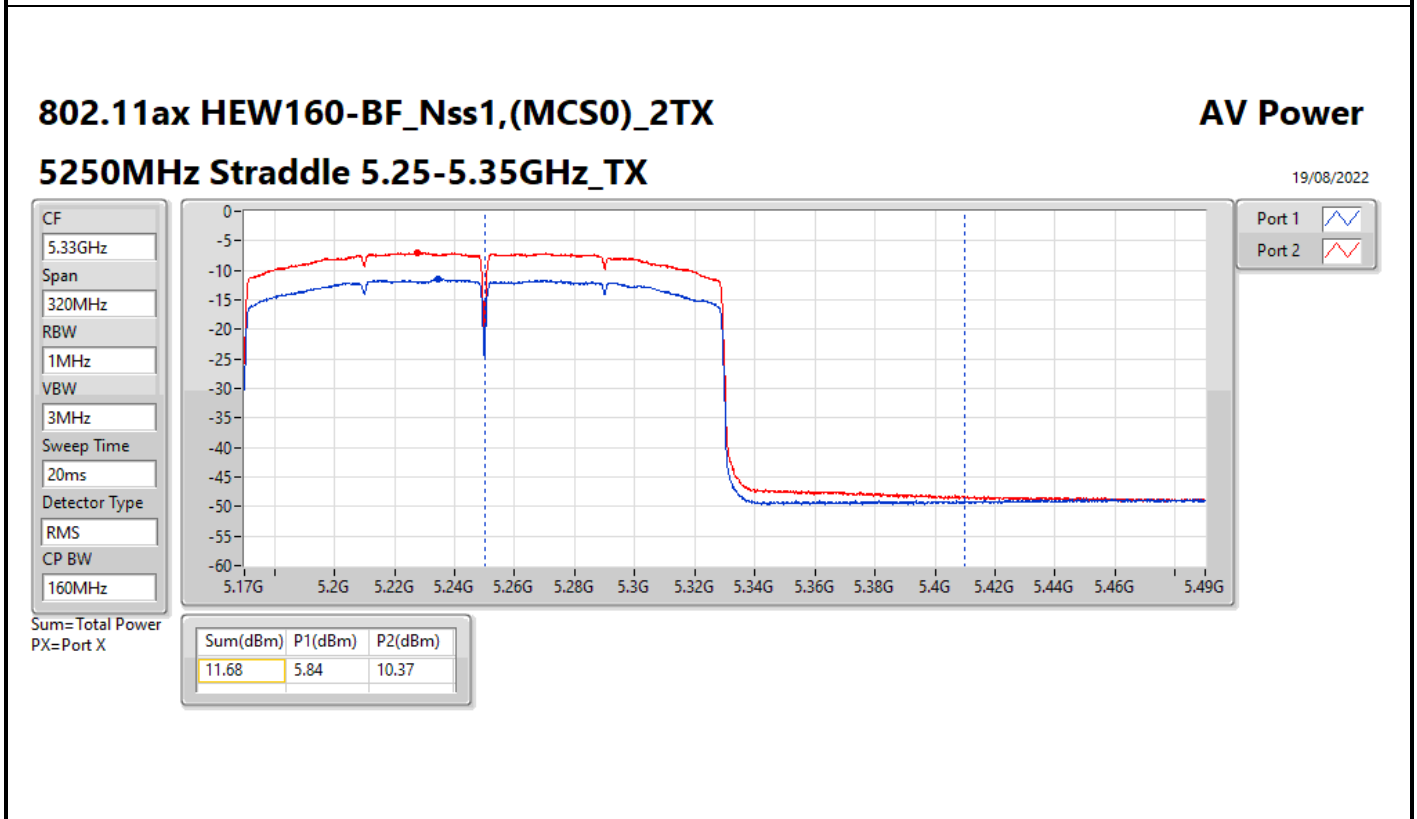
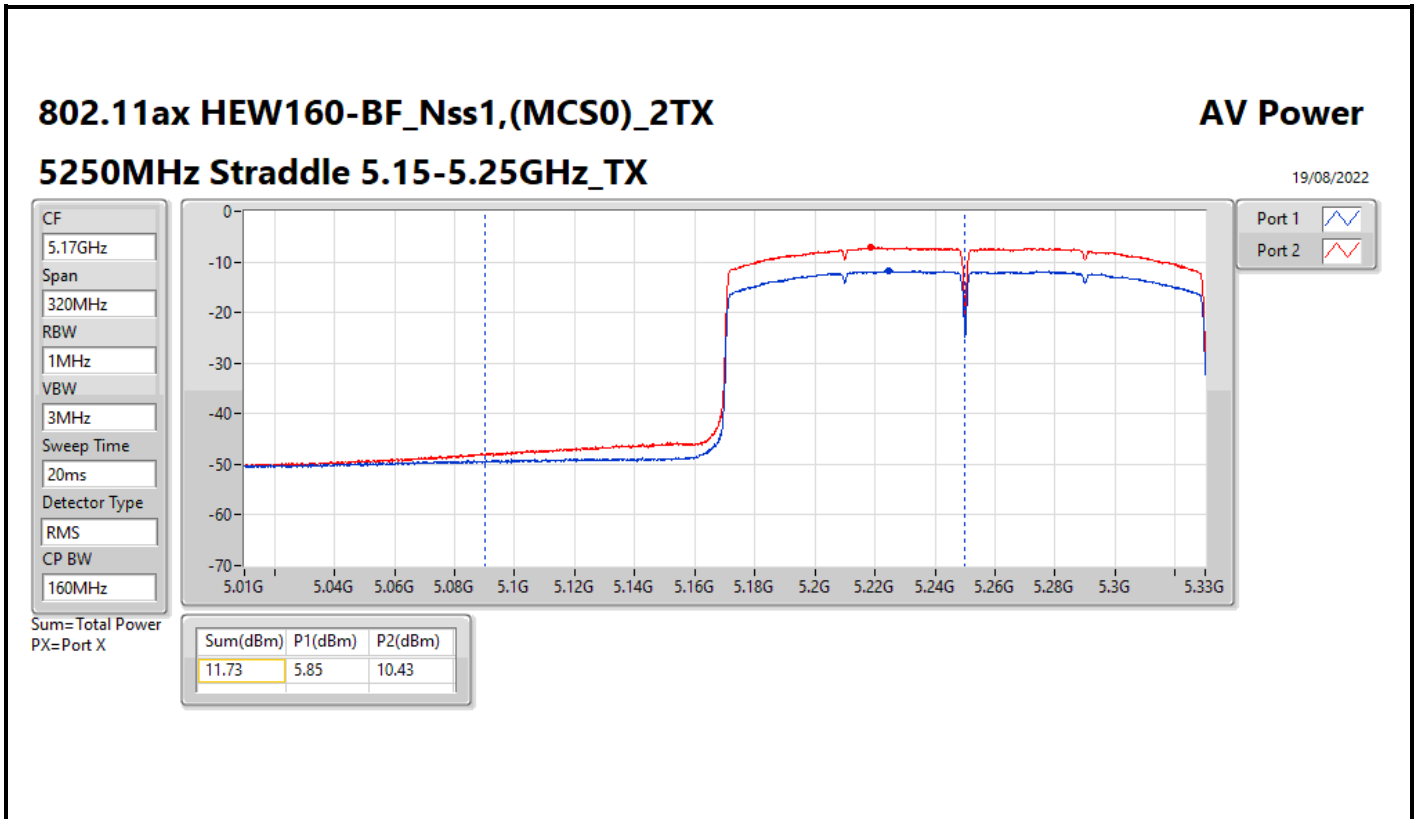
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.01	13.77	16.66	18.46	23.97	24.47	Inf
5300MHz	Pass	6.01	13.52	16.40	18.20	23.97	24.21	Inf
5320MHz	Pass	6.01	11.97	16.59	17.88	23.97	23.89	Inf
5500MHz	Pass	6.01	12.54	15.07	17.00	23.97	23.01	Inf
5580MHz	Pass	6.01	13.54	16.37	18.19	23.97	24.20	Inf
5700MHz	Pass	6.01	12.17	15.15	16.92	23.97	22.93	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	6.01	11.47	14.52	16.27	23.06	22.28	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	6.01	7.21	10.23	11.99	29.99	18.00	Inf
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.01	13.26	17.50	18.89	23.97	24.90	Inf
5310MHz	Pass	6.01	11.05	15.36	16.73	23.97	22.74	Inf
5510MHz	Pass	6.01	12.55	15.60	17.35	23.97	23.36	Inf
5550MHz	Pass	6.01	13.76	16.40	18.29	23.97	24.30	Inf
5670MHz	Pass	6.01	13.03	15.92	17.72	23.97	23.73	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	6.01	12.39	15.48	17.21	23.97	23.22	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	6.01	2.04	4.99	6.77	29.99	12.78	Inf
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.01	10.82	13.47	15.35	23.97	21.36	Inf
5530MHz	Pass	6.01	11.61	14.30	16.17	23.97	22.18	Inf
5610MHz	Pass	6.01	13.80	16.68	18.48	23.97	24.49	Inf
5690MHz Straddle 5.47-5.725GHz	Pass	6.01	12.73	15.66	17.45	23.97	23.46	Inf
5690MHz Straddle 5.725-5.85GHz	Pass	6.01	-1.36	1.60	3.38	29.99	9.39	Inf
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	6.01	5.85	10.43	11.73	29.99	17.74/14.74	36.00/21.00
5250MHz Straddle 5.25-5.35GHz	Pass	6.01	5.84	10.37	11.68	23.97	17.69	Inf
5570MHz	Pass	6.01	8.83	13.24	14.58	23.97	20.59	Inf

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











**Average Power_Pine R2_Antenna set 3_Beamforming mode_
Outdoor_P to M_P to P**

Appendix C.14

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	12.18	0.01652	21.20/18.20	0.13183/0.06607
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.87	0.12218	29.89	0.97499
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.76	0.11912	29.78	0.95060
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	17.38	0.05470	26.40	0.43652
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	12.09	0.01618	21.11	0.12912
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	20.60	0.11482	29.62	0.91622
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	20.71	0.11776	29.73	0.93972
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	20.78	0.11967	29.80	0.95499
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	15.13	0.03258	24.15	0.26002
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	15.30	0.03388	24.32	0.27040
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	10.51	0.01125	19.53	0.08974
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	6.54	0.00451	15.56	0.03597



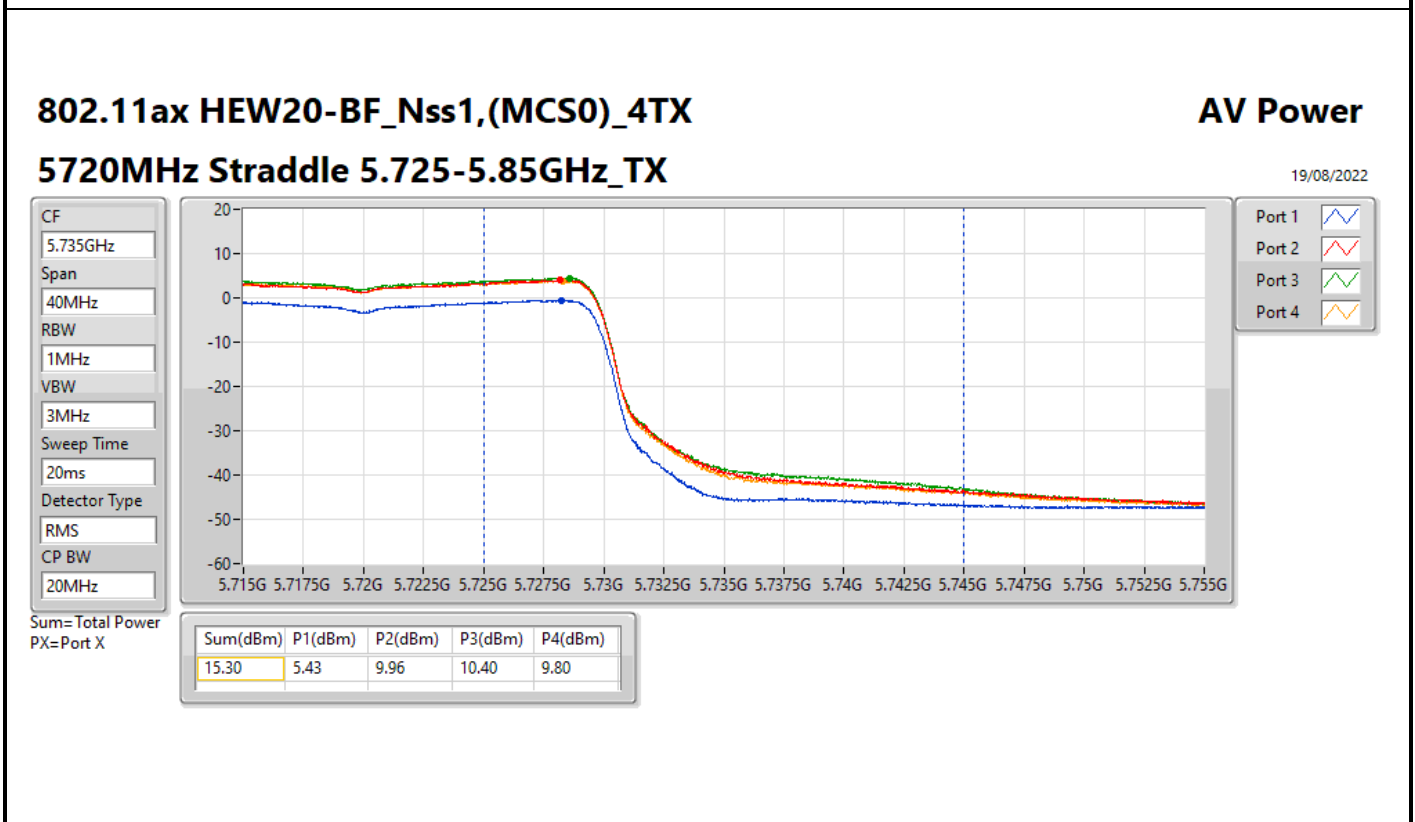
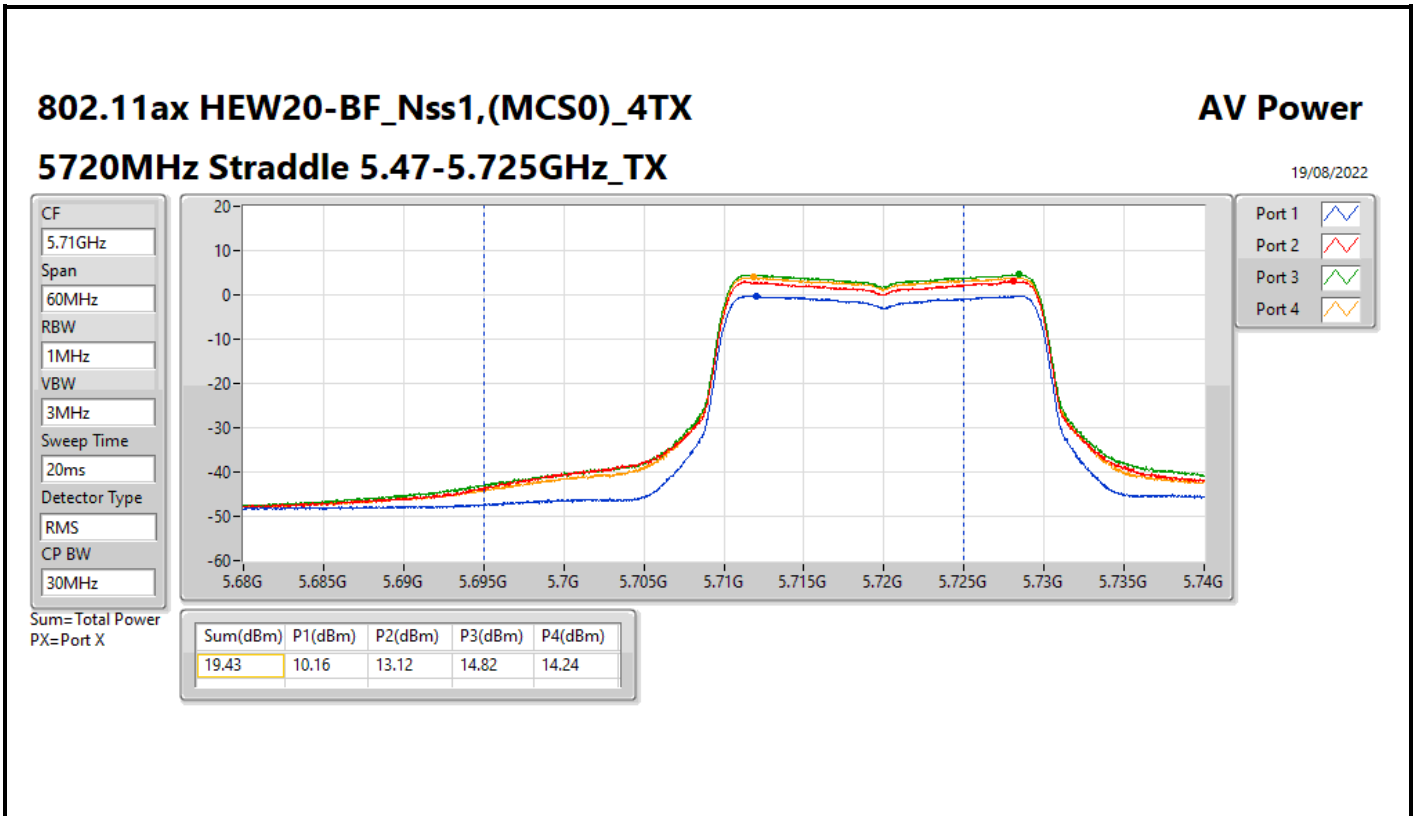
**Average Power_Pine R2_Antenna set 3_Beamforming mode_
Outdoor_P to M_P to P**

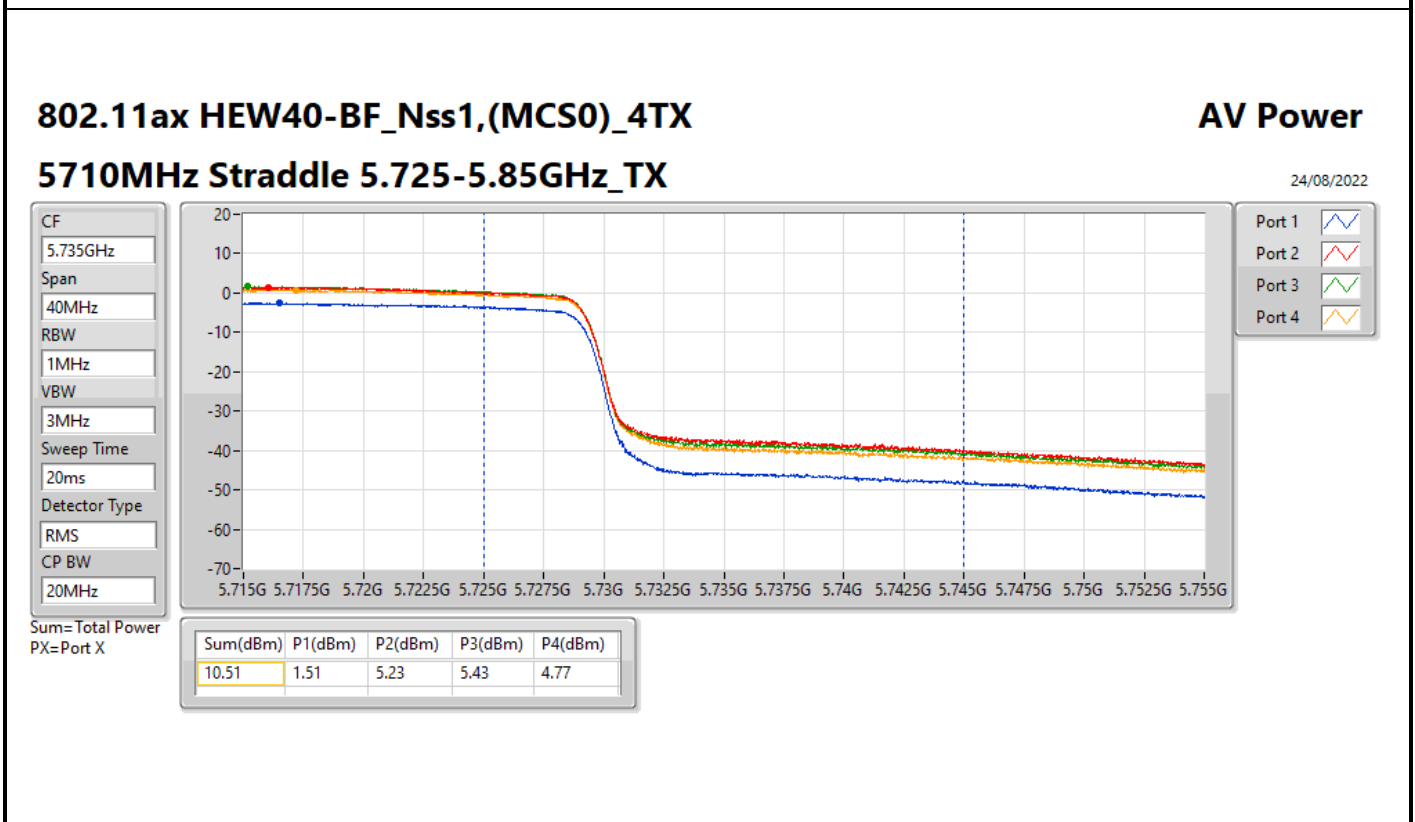
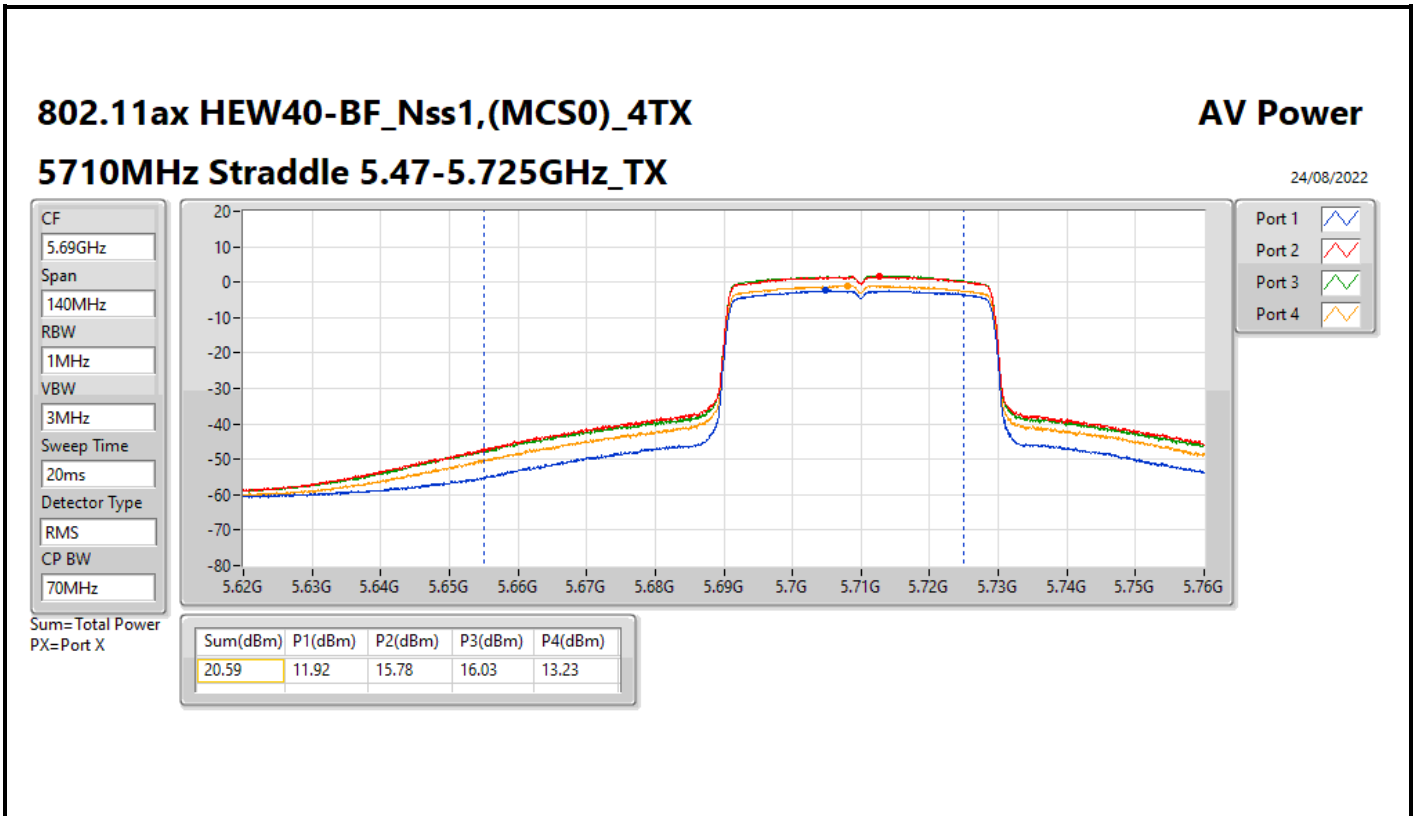
Appendix C.14

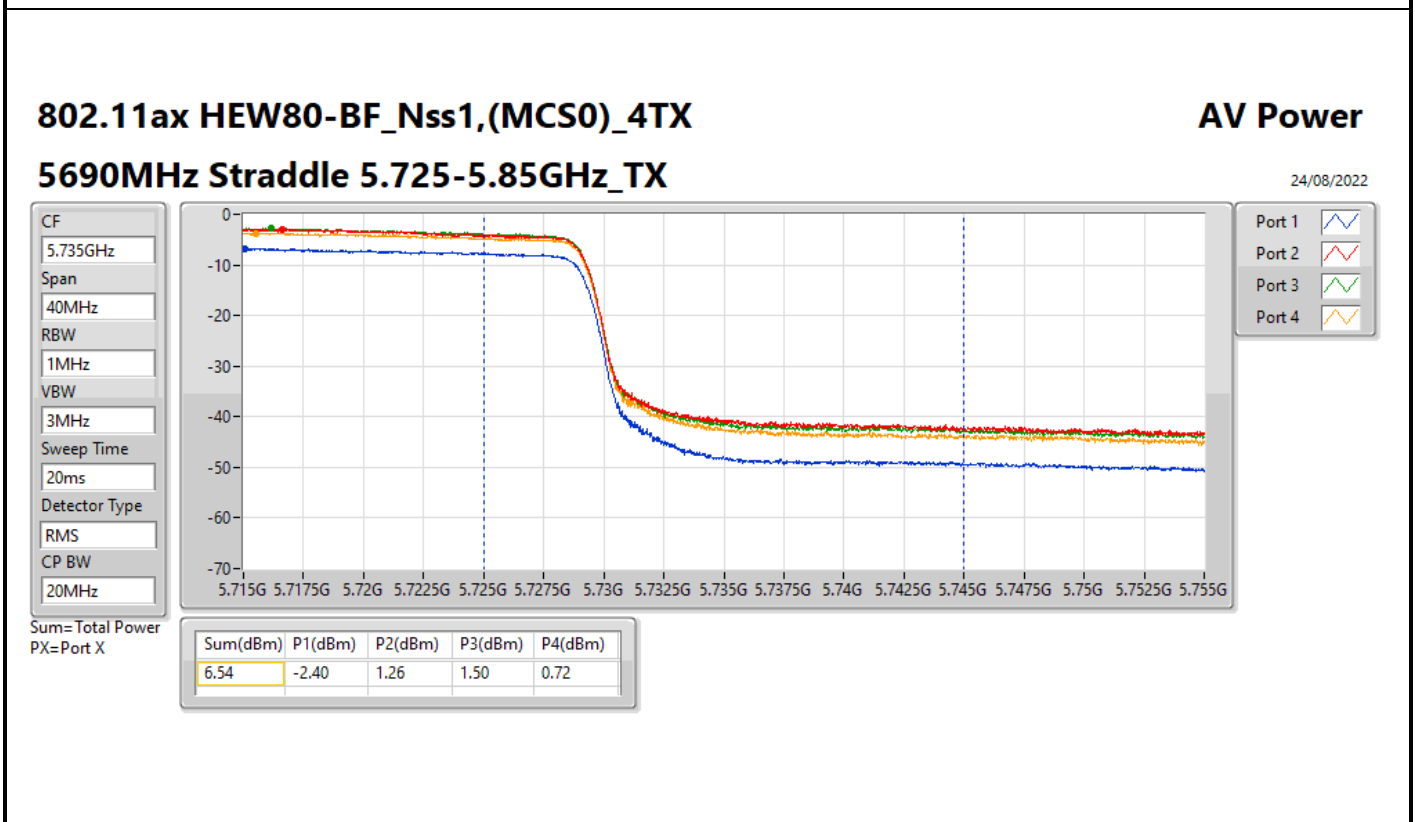
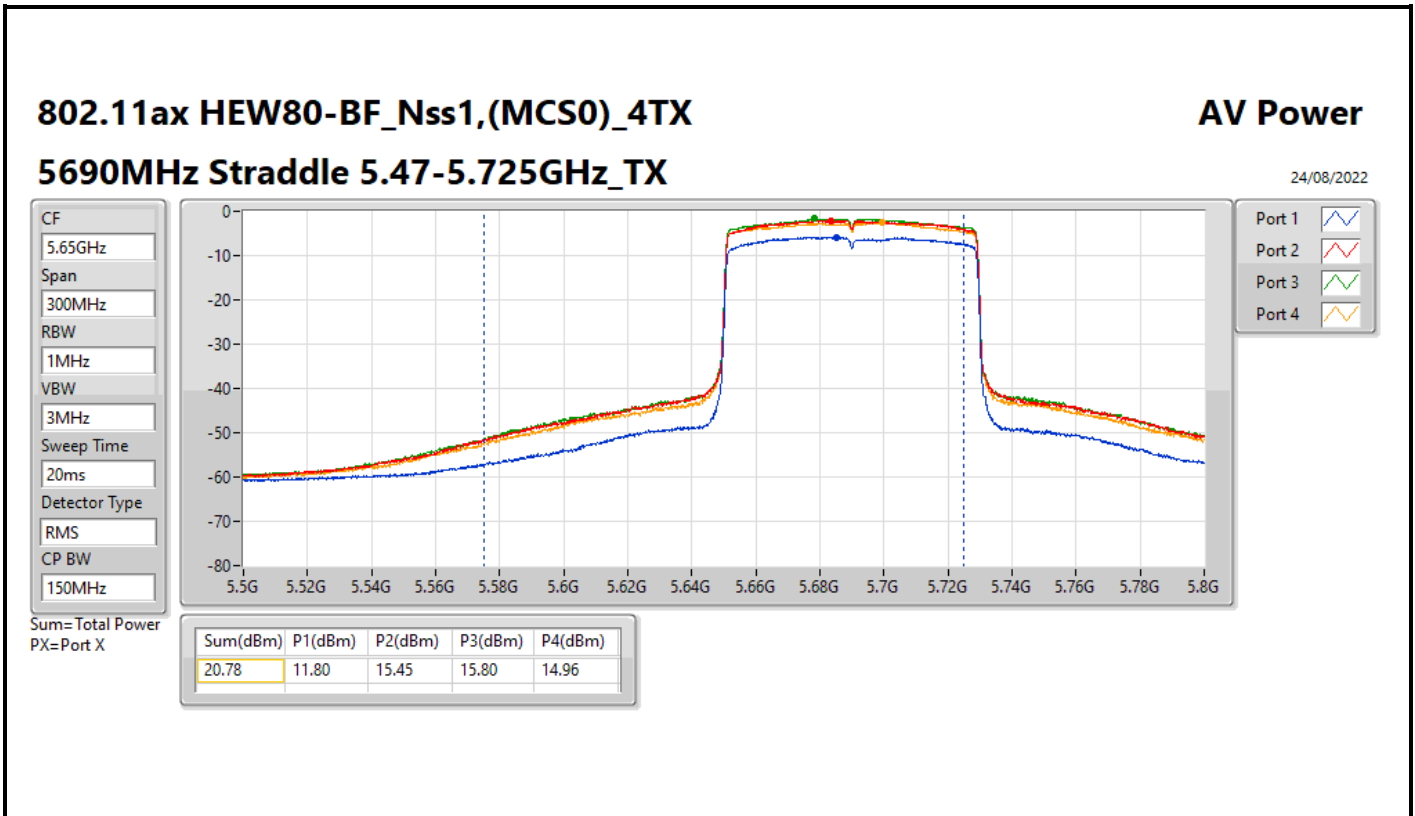
Result

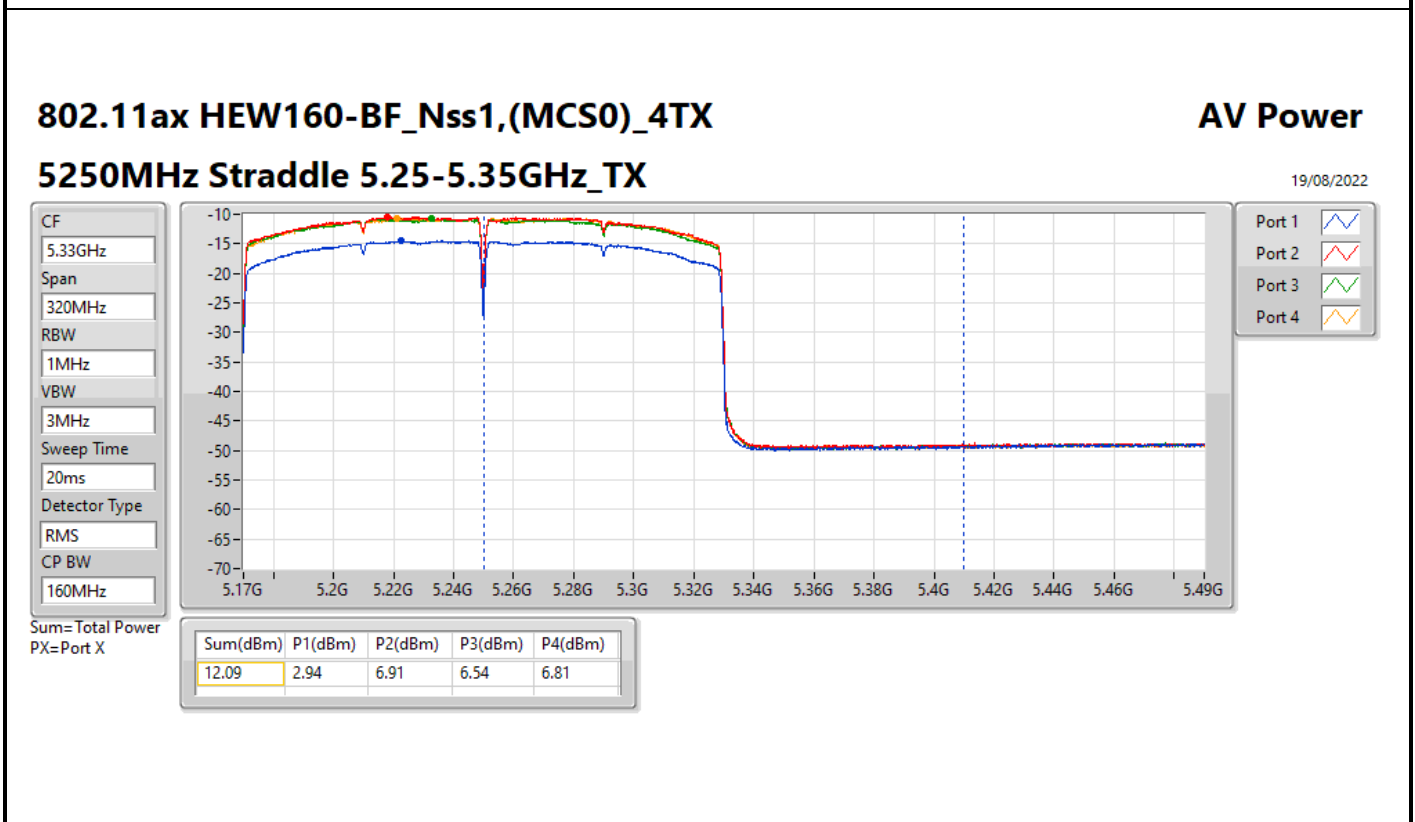
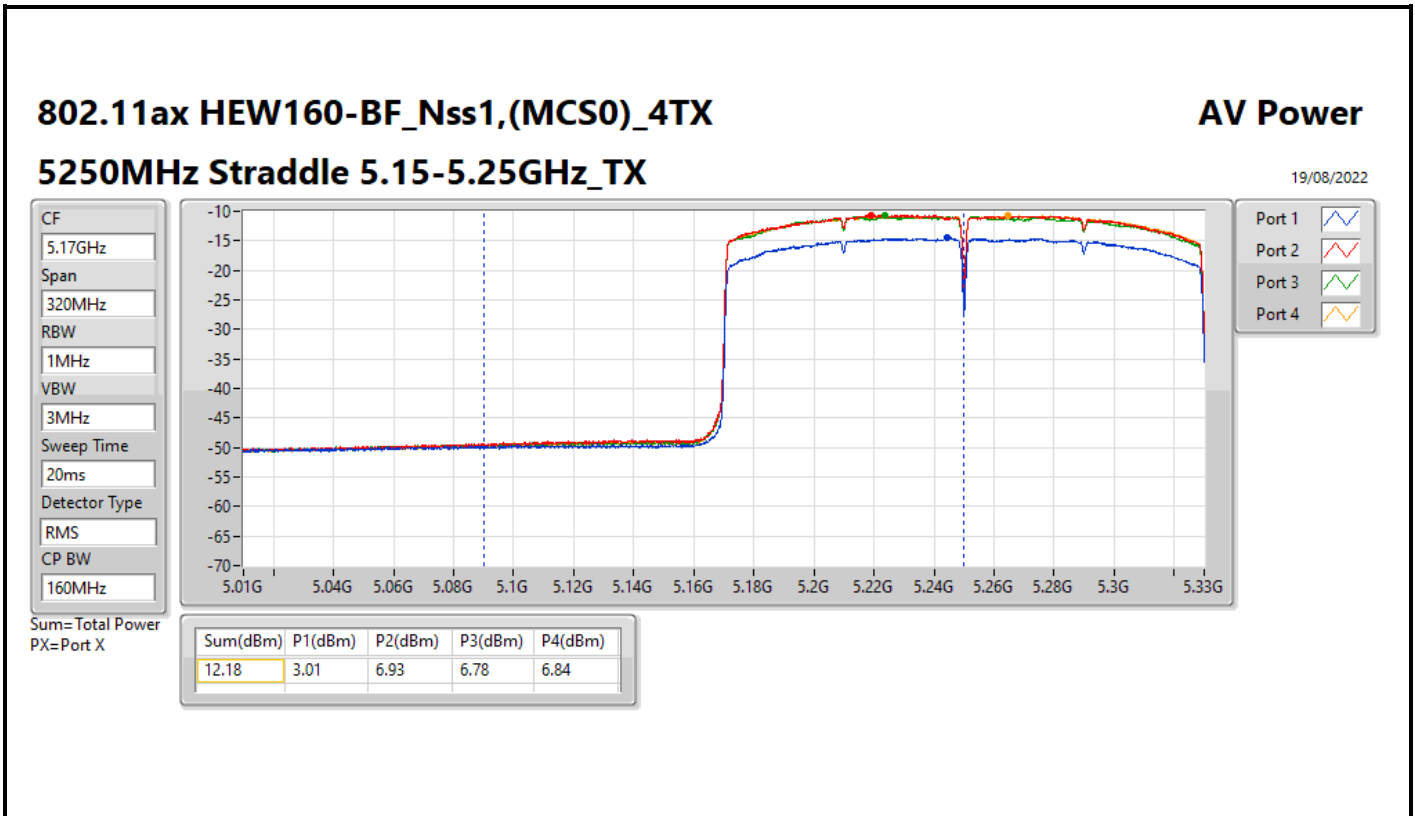
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	9.02	12.07	15.86	15.86	14.53	20.85	20.96	29.87	Inf
5300MHz	Pass	9.02	11.93	15.76	16.11	14.48	20.87	20.96	29.89	Inf
5320MHz	Pass	9.02	11.30	14.07	15.67	15.48	20.46	20.96	29.48	Inf
5500MHz	Pass	9.02	11.70	14.11	15.44	14.93	20.28	20.96	29.30	Inf
5580MHz	Pass	9.02	11.99	14.96	14.10	16.23	20.60	20.96	29.62	Inf
5700MHz	Pass	9.02	10.65	13.67	14.83	14.78	19.79	20.96	28.81	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	9.02	10.16	13.12	14.82	14.24	19.43	19.97	28.45	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	9.02	5.43	9.96	10.40	9.80	15.30	26.98	24.32	Inf
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	9.02	11.92	15.87	15.62	14.55	20.76	20.96	29.78	Inf
5310MHz	Pass	9.02	9.40	11.64	10.97	13.11	17.50	20.96	26.52	Inf
5510MHz	Pass	9.02	9.58	12.32	13.43	13.10	18.36	20.96	27.38	Inf
5550MHz	Pass	9.02	12.34	15.63	16.18	13.52	20.71	20.96	29.73	Inf
5670MHz	Pass	9.02	10.22	14.72	14.80	14.67	19.99	20.96	29.01	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	9.02	11.92	15.78	16.03	13.23	20.59	20.96	29.61	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	9.02	1.51	5.23	5.43	4.77	10.51	26.98	19.53	Inf
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	9.02	8.62	11.11	12.48	12.25	17.38	20.96	26.40	Inf
5530MHz	Pass	9.02	6.76	11.11	11.28	10.89	16.37	20.96	25.39	Inf
5610MHz	Pass	9.02	11.86	14.98	15.65	14.81	20.56	20.96	29.58	Inf
5690MHz Straddle 5.47-5.725GHz	Pass	9.02	11.80	15.45	15.80	14.96	20.78	20.96	29.80	Inf
5690MHz Straddle 5.725-5.85GHz	Pass	9.02	-2.40	1.26	1.50	0.72	6.54	26.98	15.56	Inf
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	9.02	3.01	6.93	6.78	6.84	12.18	26.98	21.20/18.20	36.00/21.00
5250MHz Straddle 5.25-5.35GHz	Pass	9.02	2.94	6.91	6.54	6.81	12.09	20.96	21.11	Inf
5570MHz	Pass	9.02	5.39	9.49	10.32	9.77	15.13	20.96	24.15	Inf

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











Average Power_Pine R2_Antenna set 10_
Non beamforming mode_Indoor_P to M

Appendix C.15

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	5.27	0.00337
802.11ax HEW160_Nss1,(MCS0)_2TX	6.53	0.00450
802.11ax HEW160_Nss1,(MCS0)_4TX	6.02	0.00400
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.80	0.01202
802.11ax HEW20_Nss1,(MCS0)_1TX	11.22	0.01324
802.11ax HEW40_Nss1,(MCS0)_1TX	11.32	0.01355
802.11ax HEW80_Nss1,(MCS0)_1TX	8.14	0.00652
802.11ax HEW160_Nss1,(MCS0)_1TX	5.25	0.00335
802.11a_Nss1,(6Mbps)_2TX	10.72	0.01180
802.11ax HEW20_Nss1,(MCS0)_2TX	11.39	0.01377
802.11ax HEW40_Nss1,(MCS0)_2TX	9.17	0.00826
802.11ax HEW80_Nss1,(MCS0)_2TX	11.09	0.01285
802.11ax HEW160_Nss1,(MCS0)_2TX	6.39	0.00436
802.11a_Nss1,(6Mbps)_4TX	7.14	0.00518
802.11ax HEW20_Nss1,(MCS0)_4TX	7.80	0.00603
802.11ax HEW40_Nss1,(MCS0)_4TX	10.84	0.01213
802.11ax HEW80_Nss1,(MCS0)_4TX	10.17	0.01040
802.11ax HEW160_Nss1,(MCS0)_4TX	5.88	0.00387
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.90	0.01230
802.11ax HEW20_Nss1,(MCS0)_1TX	11.40	0.01380
802.11ax HEW40_Nss1,(MCS0)_1TX	11.41	0.01384
802.11ax HEW80_Nss1,(MCS0)_1TX	11.30	0.01349
802.11ax HEW160_Nss1,(MCS0)_1TX	10.39	0.01094
802.11a_Nss1,(6Mbps)_2TX	10.63	0.01156
802.11ax HEW20_Nss1,(MCS0)_2TX	11.04	0.01271
802.11ax HEW40_Nss1,(MCS0)_2TX	11.43	0.01390
802.11ax HEW80_Nss1,(MCS0)_2TX	11.34	0.01361
802.11ax HEW160_Nss1,(MCS0)_2TX	10.35	0.01084
802.11a_Nss1,(6Mbps)_4TX	7.90	0.00617
802.11ax HEW20_Nss1,(MCS0)_4TX	8.53	0.00713
802.11ax HEW40_Nss1,(MCS0)_4TX	11.38	0.01374
802.11ax HEW80_Nss1,(MCS0)_4TX	11.41	0.01384
802.11ax HEW160_Nss1,(MCS0)_4TX	9.72	0.00938
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	4.26	0.00267
802.11ax HEW20_Nss1,(MCS0)_1TX	5.99	0.00397
802.11ax HEW40_Nss1,(MCS0)_1TX	0.97	0.00125
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.76	0.00053
802.11a_Nss1,(6Mbps)_2TX	4.54	0.00284
802.11ax HEW20_Nss1,(MCS0)_2TX	5.80	0.00380
802.11ax HEW40_Nss1,(MCS0)_2TX	0.88	0.00122
802.11ax HEW80_Nss1,(MCS0)_2TX	-2.69	0.00054
802.11a_Nss1,(6Mbps)_4TX	0.17	0.00104
802.11ax HEW20_Nss1,(MCS0)_4TX	1.68	0.00147
802.11ax HEW40_Nss1,(MCS0)_4TX	0.31	0.00107
802.11ax HEW80_Nss1,(MCS0)_4TX	-3.22	0.00048



Average Power_Pine R2_Antenna set 10_
Non beamforming mode_Indoor_P to M

Appendix C.15

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	10.78				10.78	11.45
5300MHz	Pass	18.53	10.52				10.52	11.45
5320MHz	Pass	18.53	10.80				10.80	11.45
5500MHz	Pass	18.53	10.90				10.90	11.45
5580MHz	Pass	18.53	10.49				10.49	11.45
5700MHz	Pass	18.53	10.70				10.70	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	9.68				9.68	10.31
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	4.26				4.26	17.47
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	11.07				11.07	11.45
5300MHz	Pass	18.53	11.22				11.22	11.45
5320MHz	Pass	18.53	11.16				11.16	11.45
5500MHz	Pass	18.53	11.40				11.40	11.45
5580MHz	Pass	18.53	10.91				10.91	11.45
5700MHz	Pass	18.53	11.16				11.16	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	10.32				10.32	10.47
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	5.99				5.99	17.47
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	11.32				11.32	11.45
5310MHz	Pass	18.53	6.15				6.15	11.45
5510MHz	Pass	18.53	10.65				10.65	11.45
5550MHz	Pass	18.53	11.17				11.17	11.45
5670MHz	Pass	18.53	11.05				11.05	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	11.41				11.41	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	0.97				0.97	17.47
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	8.14				8.14	11.45
5530MHz	Pass	18.53	9.66				9.66	11.45
5610MHz	Pass	18.53	11.22				11.22	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	11.30				11.30	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-2.76				-2.76	17.47
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	18.53	5.27				5.27	17.47
5250MHz Straddle 5.25-5.35GHz	Pass	18.53	5.25				5.25	11.45
5570MHz	Pass	18.53	10.39				10.39	11.45
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	5.46	9.15			10.70	11.45
5300MHz	Pass	18.53	5.16	9.07			10.55	11.45
5320MHz	Pass	18.53	5.40	9.21			10.72	11.41
5500MHz	Pass	18.53	5.55	8.75			10.45	11.45
5580MHz	Pass	18.53	5.12	8.89			10.41	11.45
5700MHz	Pass	18.53	5.38	9.09			10.63	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	4.77	8.38			9.95	10.28
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-0.63	2.97			4.54	17.47
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	5.76	9.50			11.03	11.45
5300MHz	Pass	18.53	6.01	9.90			11.39	11.45
5320MHz	Pass	18.53	4.94	9.18			10.57	11.45
5500MHz	Pass	18.53	5.38	9.13			10.66	11.45
5580MHz	Pass	18.53	5.53	9.23			10.77	11.45
5700MHz	Pass	18.53	5.74	9.52			11.04	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	4.87	8.60			10.13	10.51



Average Power_Pine R2_Antenna set 10_
Non beamforming mode_Indoor_P to M

Appendix C.15

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	0.61	4.24			5.80	17.47
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	3.66	7.73			9.17	11.45
5310MHz	Pass	18.53	2.61	7.20			8.50	11.45
5510MHz	Pass	18.53	6.27	9.82			11.41	11.45
5550MHz	Pass	18.53	6.32	9.81			11.42	11.45
5670MHz	Pass	18.53	5.94	9.99			11.43	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	5.97	9.75			11.27	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-4.45	-0.63			0.88	17.47
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	5.43	9.72			11.09	11.45
5530MHz	Pass	18.53	5.19	9.13			10.60	11.45
5610MHz	Pass	18.53	4.41	10.08			11.12	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	6.22	9.75			11.34	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-7.90	-4.24			-2.69	17.47
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	18.53	1.01	5.10			6.53	17.47
5250MHz Straddle 5.25-5.35GHz	Pass	18.53	1.01	4.91			6.39	11.45
5570MHz	Pass	18.53	4.89	8.90			10.35	11.45
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-3.00	1.51	1.89	2.35	7.14	11.45
5300MHz	Pass	18.53	-3.12	1.50	1.89	2.32	7.12	11.45
5320MHz	Pass	18.53	-3.07	1.37	1.80	2.38	7.08	11.45
5500MHz	Pass	18.53	-2.24	1.63	2.05	2.49	7.35	11.45
5580MHz	Pass	18.53	-2.56	1.64	2.21	2.54	7.38	11.45
5700MHz	Pass	18.53	-2.85	2.36	3.35	2.45	7.90	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-4.65	-0.08	0.78	0.75	5.69	10.27
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-10.06	-5.62	-4.76	-4.78	0.17	17.47
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-2.25	2.18	2.24	2.89	7.68	11.45
5300MHz	Pass	18.53	-2.44	2.20	2.58	2.98	7.80	11.45
5320MHz	Pass	18.53	-2.48	1.89	2.43	2.82	7.61	11.45
5500MHz	Pass	18.53	-1.65	2.22	2.68	3.06	7.94	11.45
5580MHz	Pass	18.53	-2.55	1.72	2.31	2.67	7.48	11.45
5700MHz	Pass	18.53	-2.17	2.97	3.94	3.14	8.53	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-4.23	0.23	1.15	1.09	6.04	10.50
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-8.67	-4.05	-3.26	-3.27	1.68	17.47
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	0.84	5.44	5.73	5.67	10.84	11.45
5310MHz	Pass	18.53	0.11	4.03	5.21	4.36	9.82	11.45
5510MHz	Pass	18.53	1.94	5.80	6.23	6.05	11.33	11.45
5550MHz	Pass	18.53	1.53	5.52	6.13	5.19	10.93	11.45
5670MHz	Pass	18.53	1.75	5.46	6.52	6.26	11.38	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	1.02	5.07	6.26	5.33	10.83	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-9.33	-5.57	-4.28	-5.14	0.31	17.47
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	0.32	4.84	5.05	4.88	10.17	11.45
5530MHz	Pass	18.53	1.29	5.29	5.95	5.12	10.76	11.45
5610MHz	Pass	18.53	1.38	5.90	6.35	6.29	11.41	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	1.14	5.31	6.43	5.38	10.98	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-12.83	-8.98	-7.81	-8.79	-3.22	17.47
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	18.53	-4.17	0.47	0.90	1.04	6.02	17.47
5250MHz Straddle 5.25-5.35GHz	Pass	18.53	-4.20	0.33	0.64	0.97	5.88	11.45

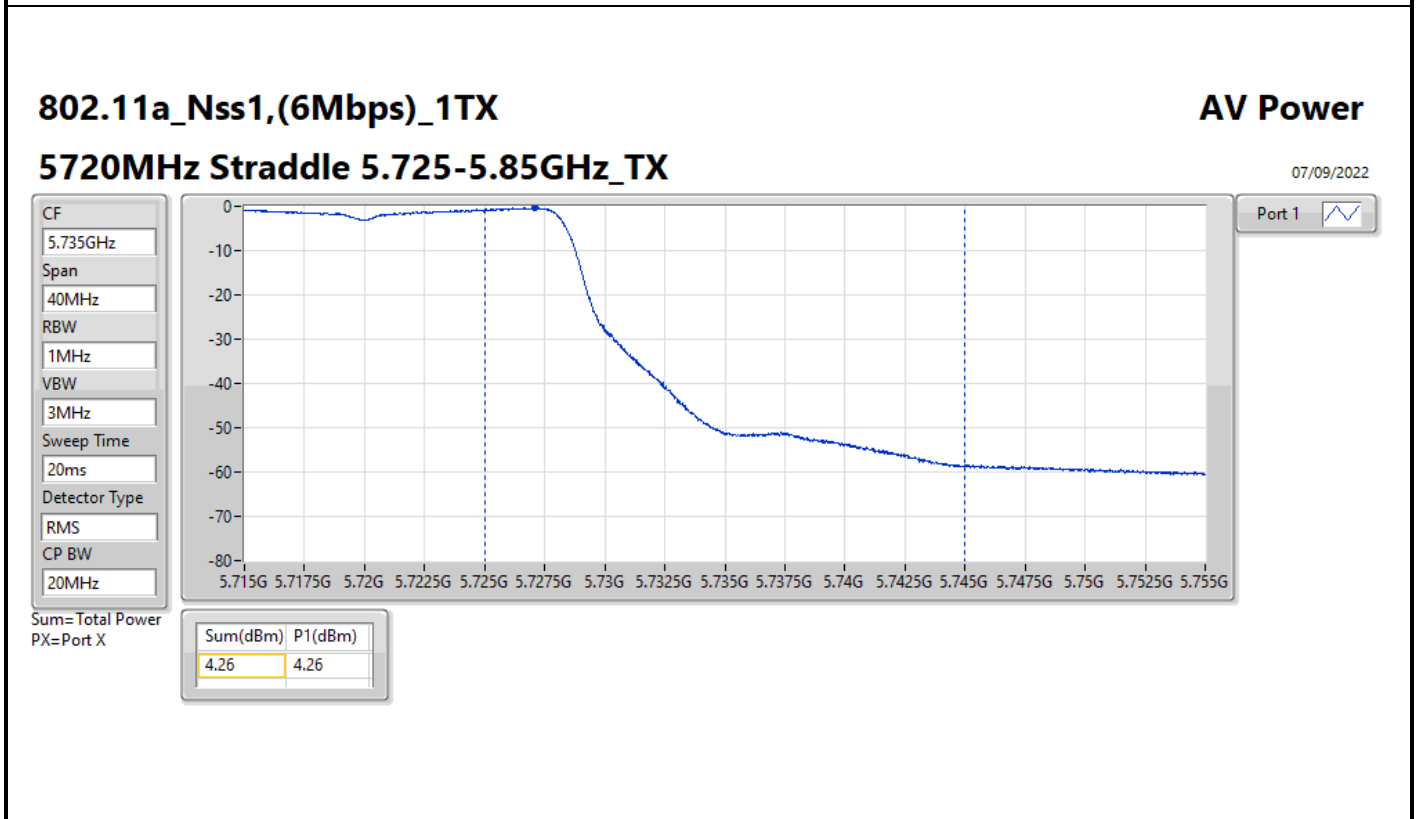
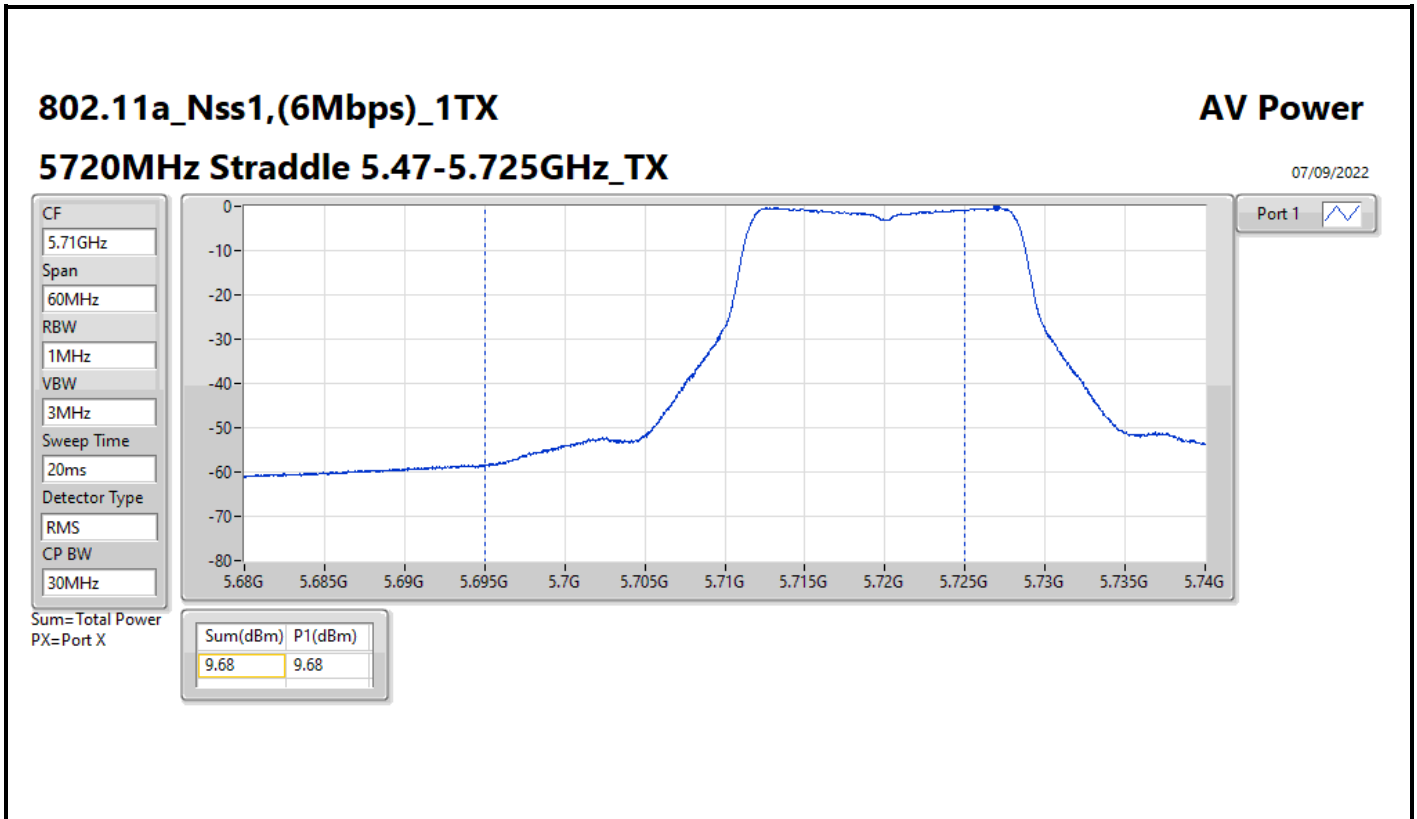


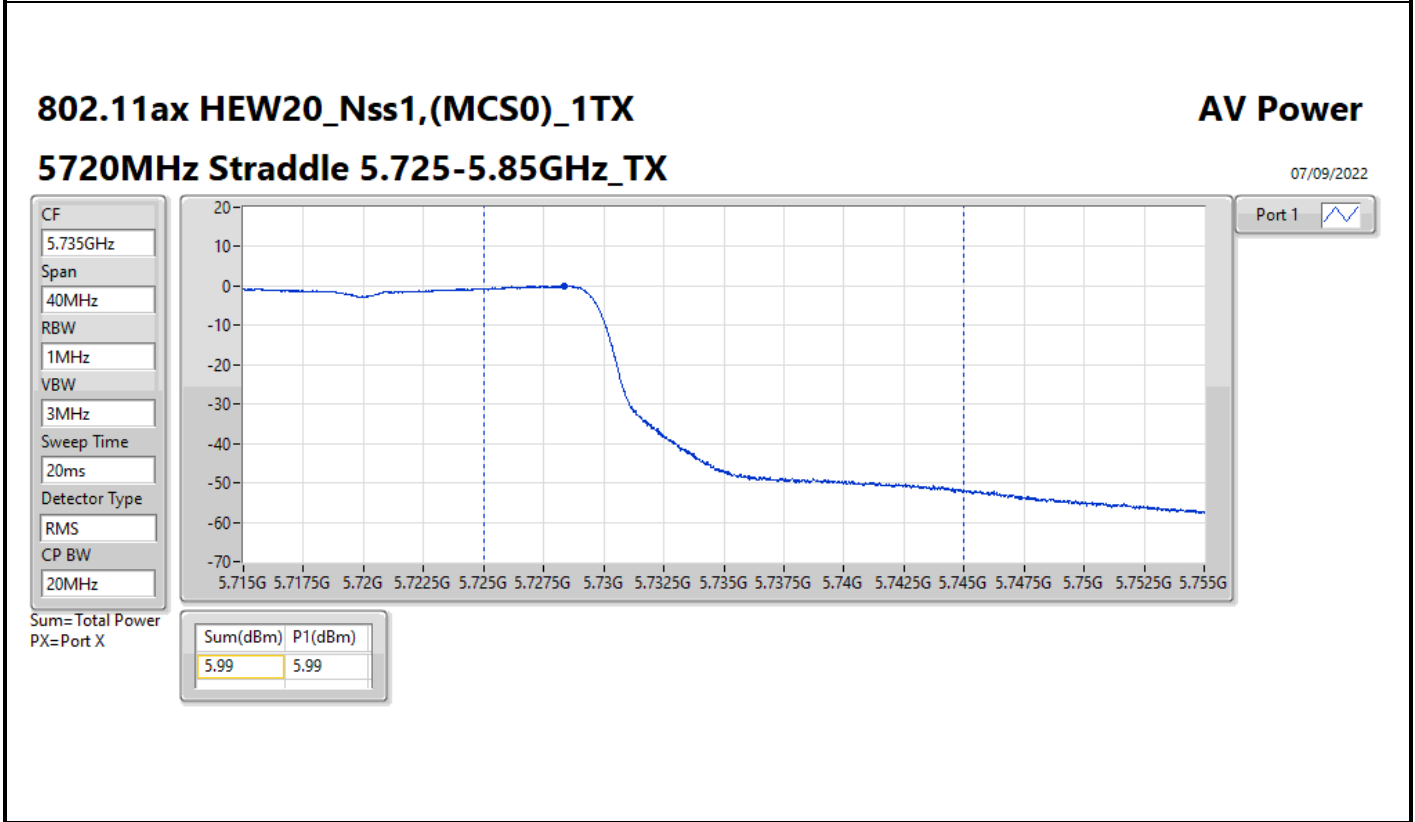
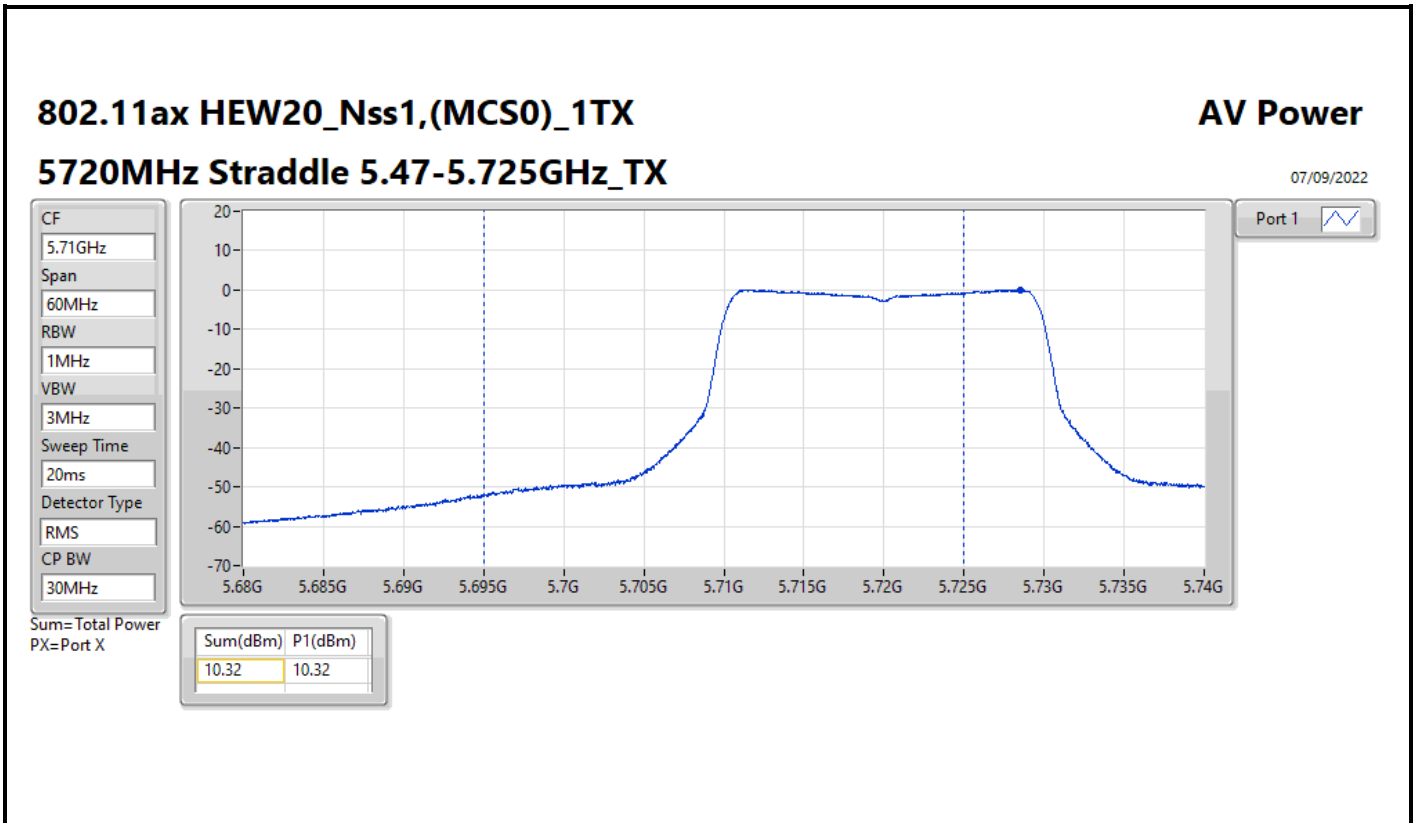
Average Power_Pine R2_Antenna set 10_
Non beamforming mode_Indoor_P to M

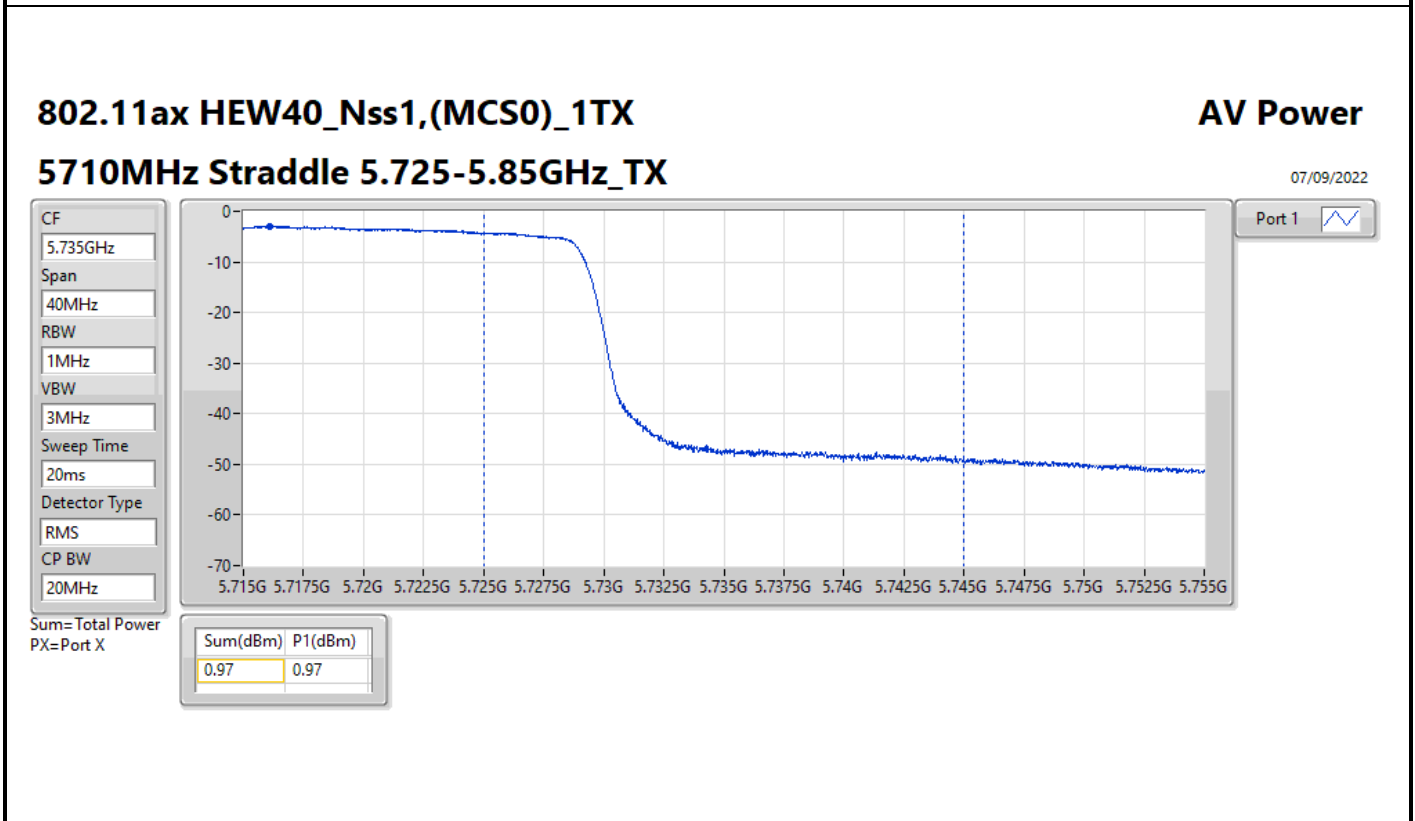
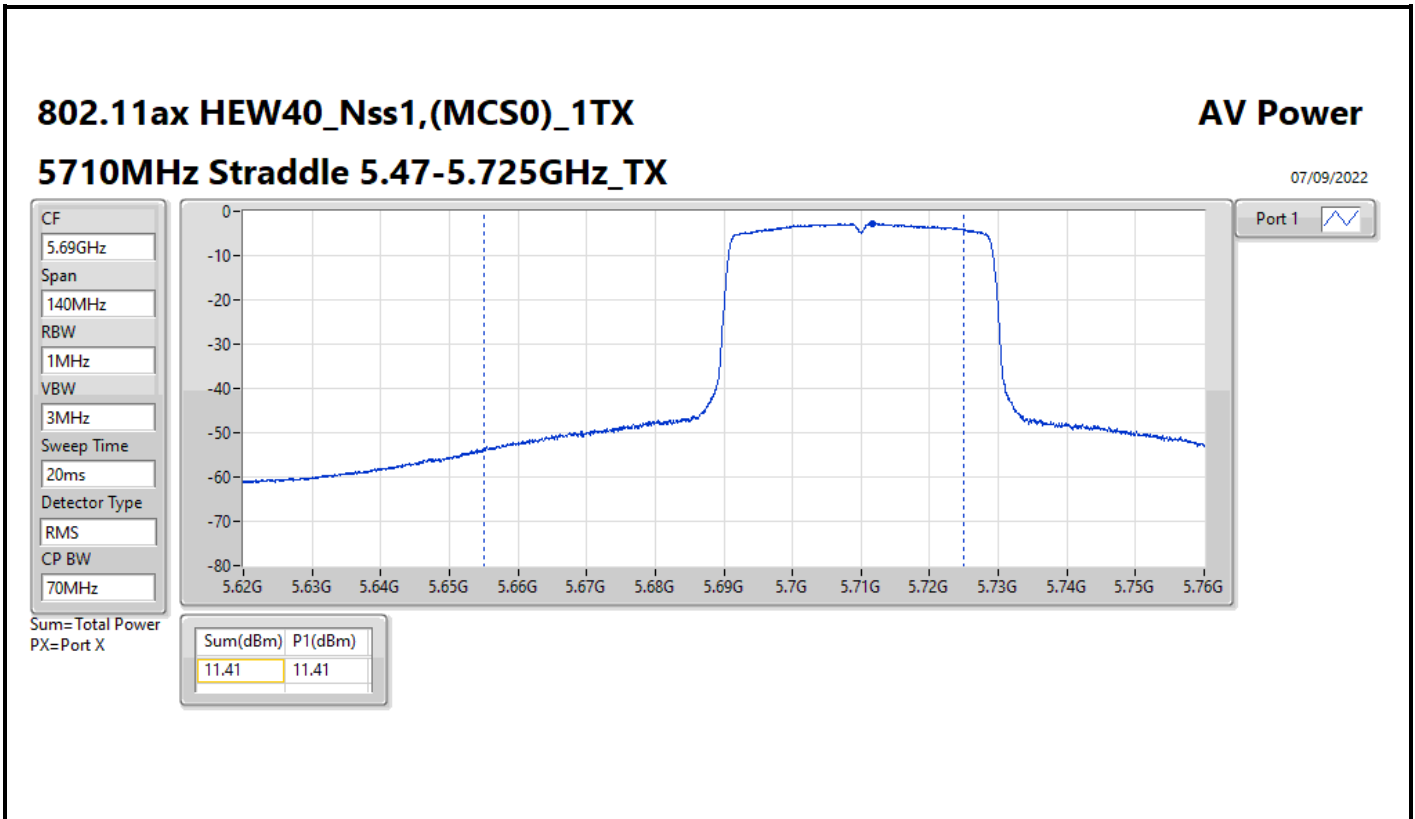
Appendix C.15

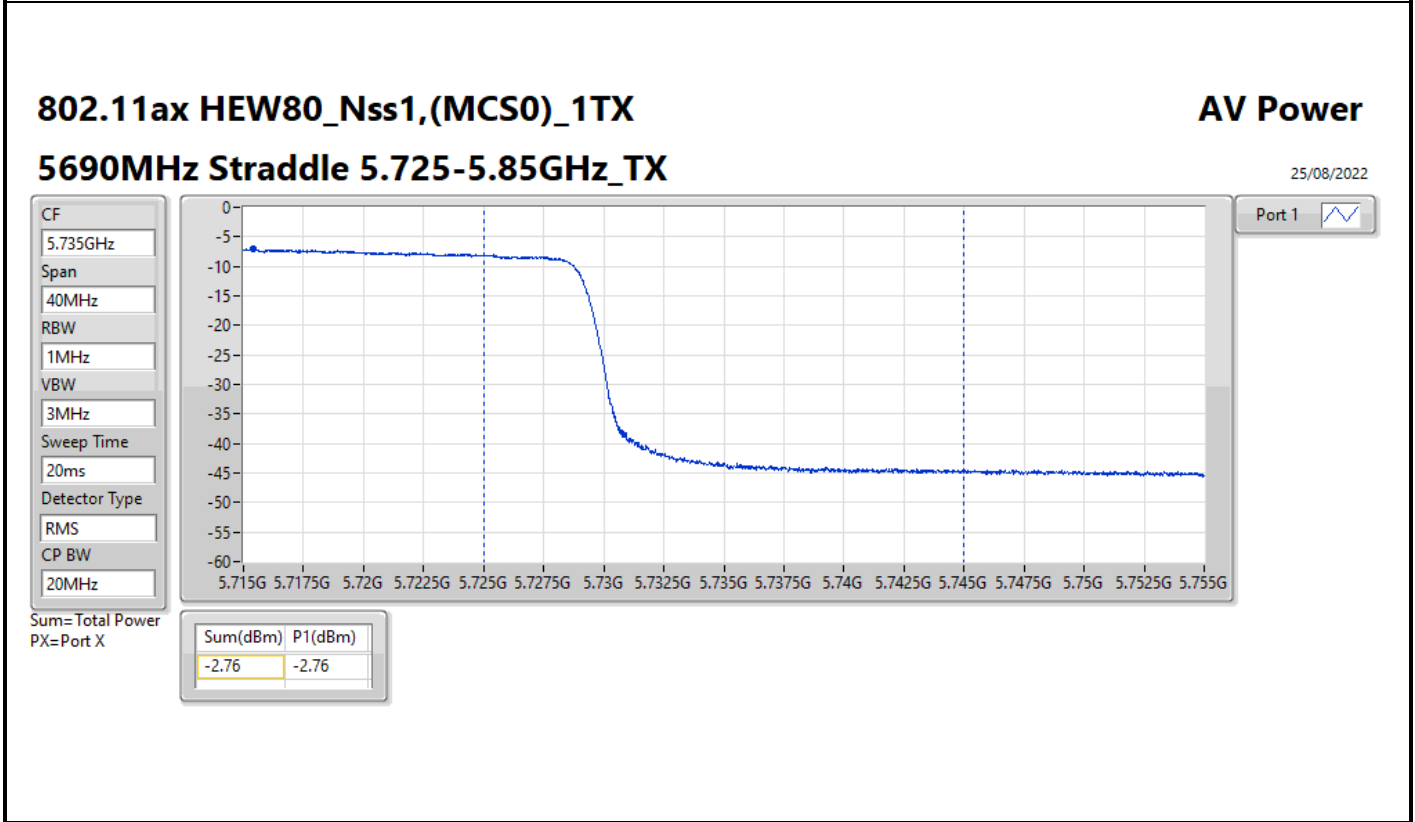
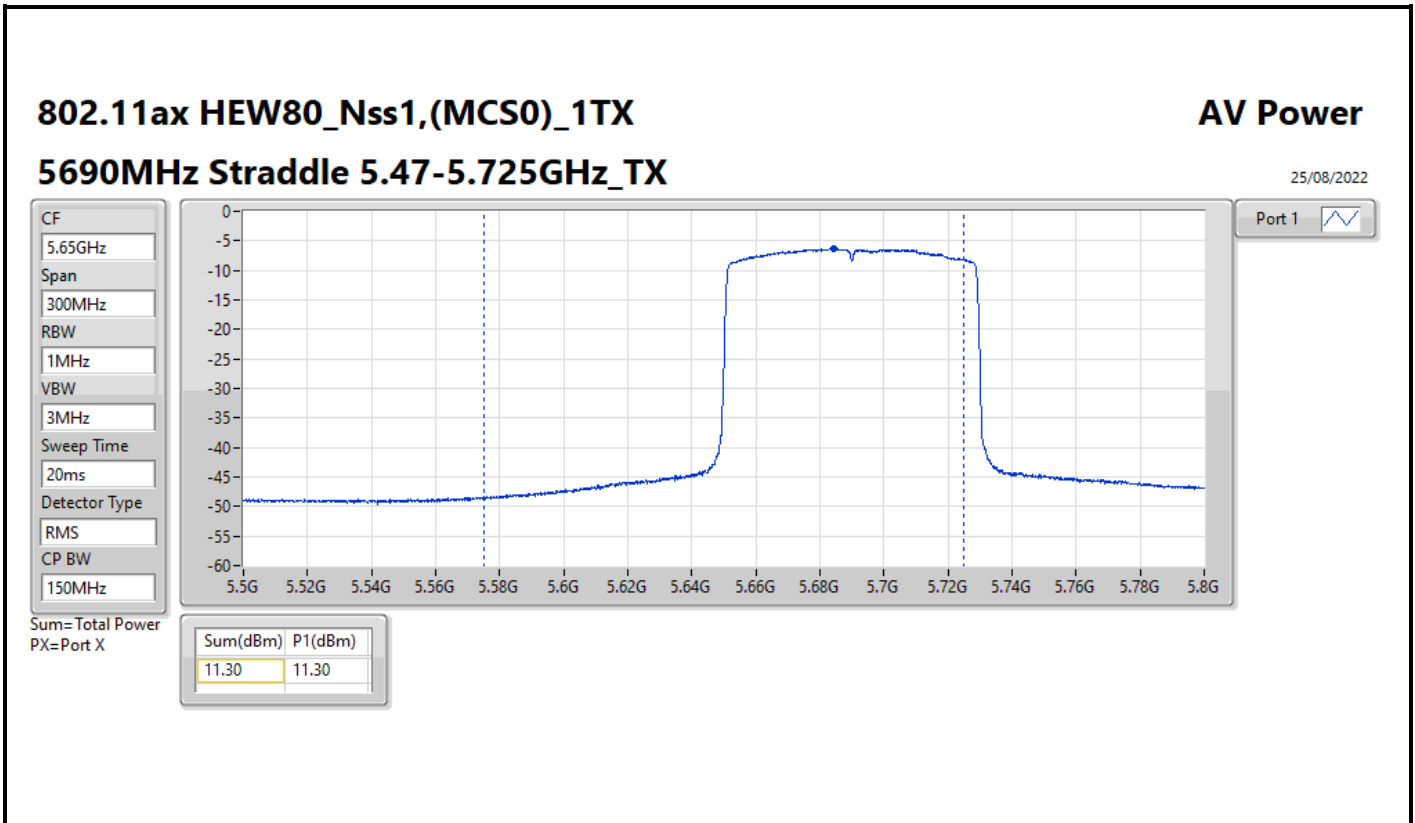
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5570MHz	Pass	18.53	-0.54	4.22	4.87	4.44	9.72	11.45

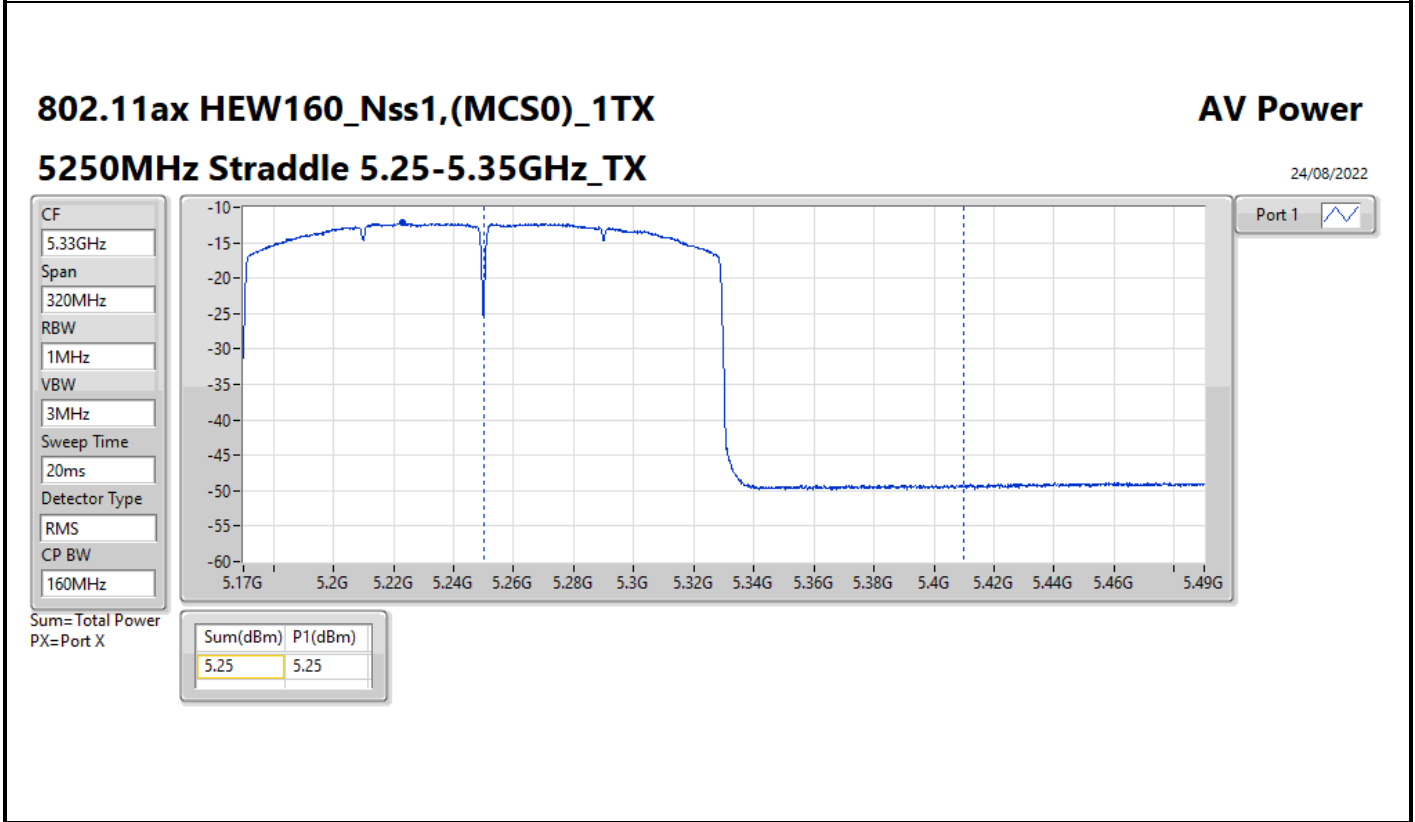
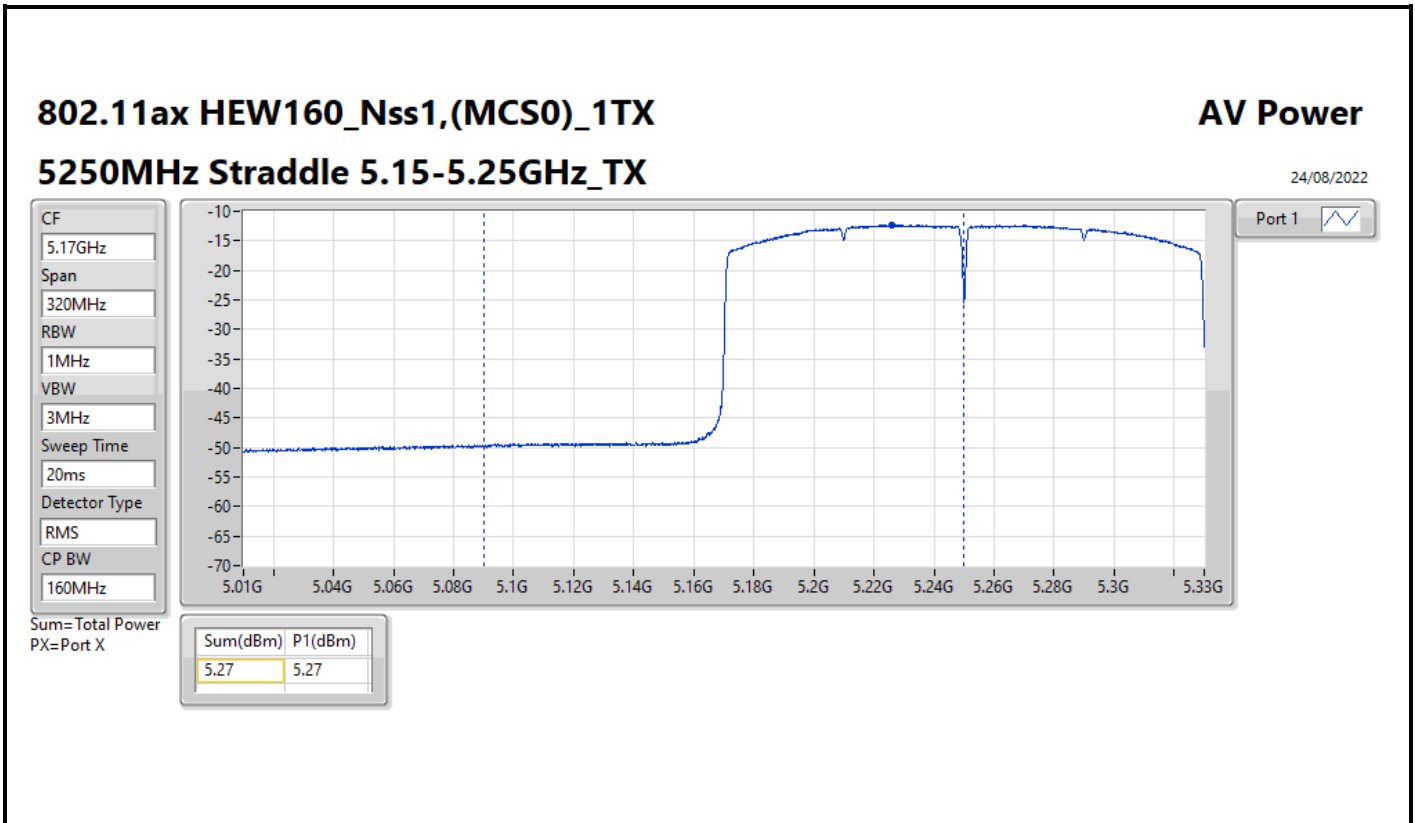
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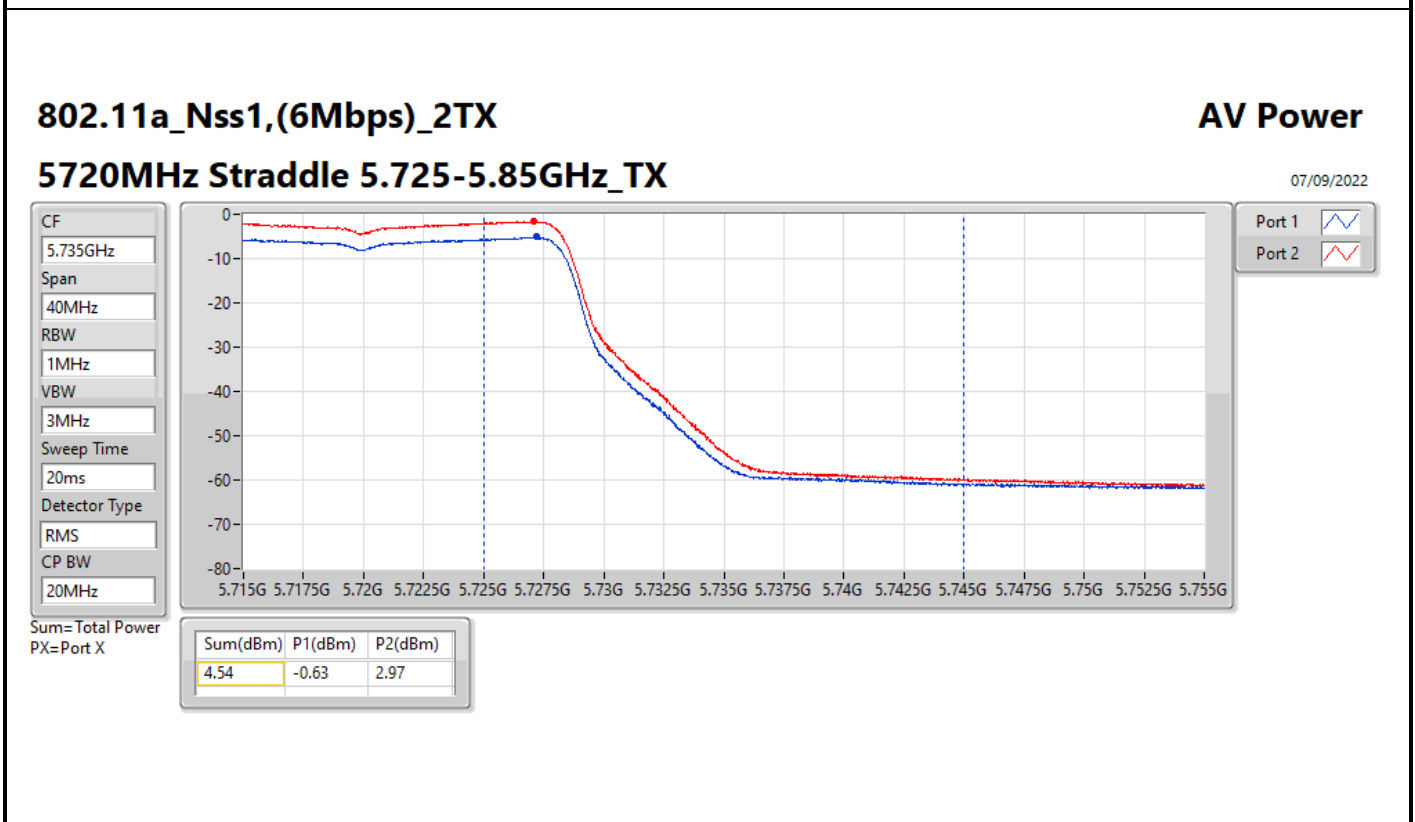
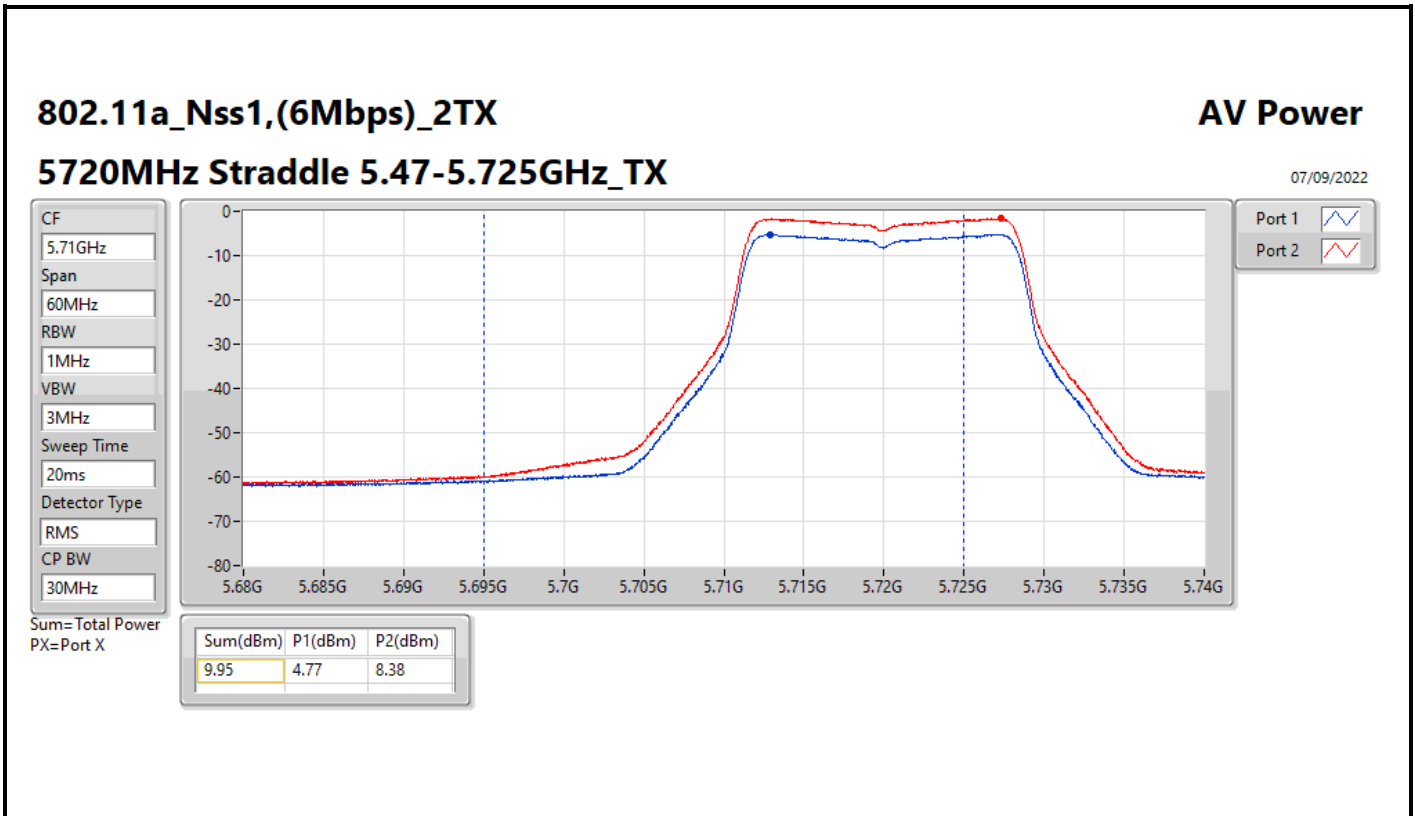


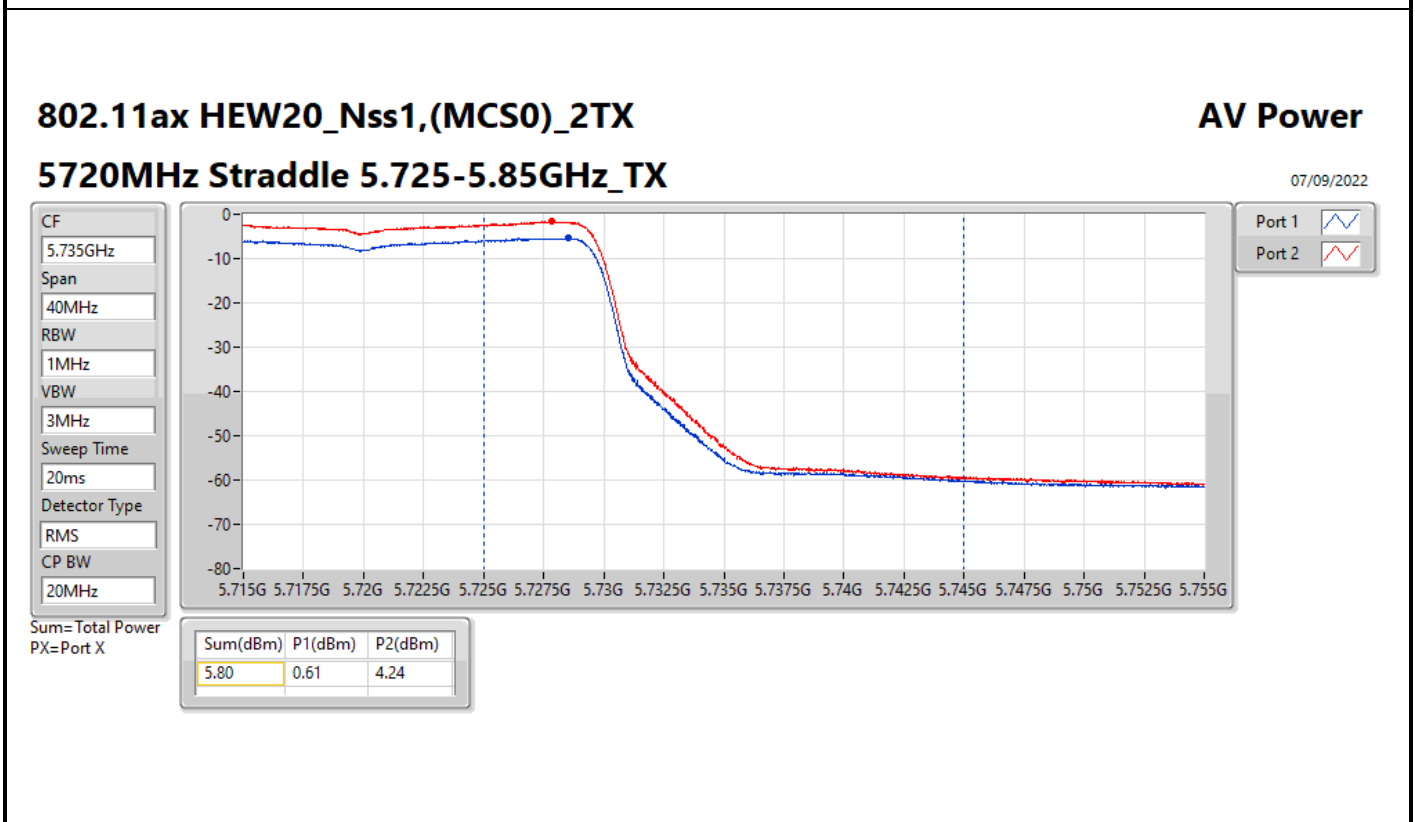
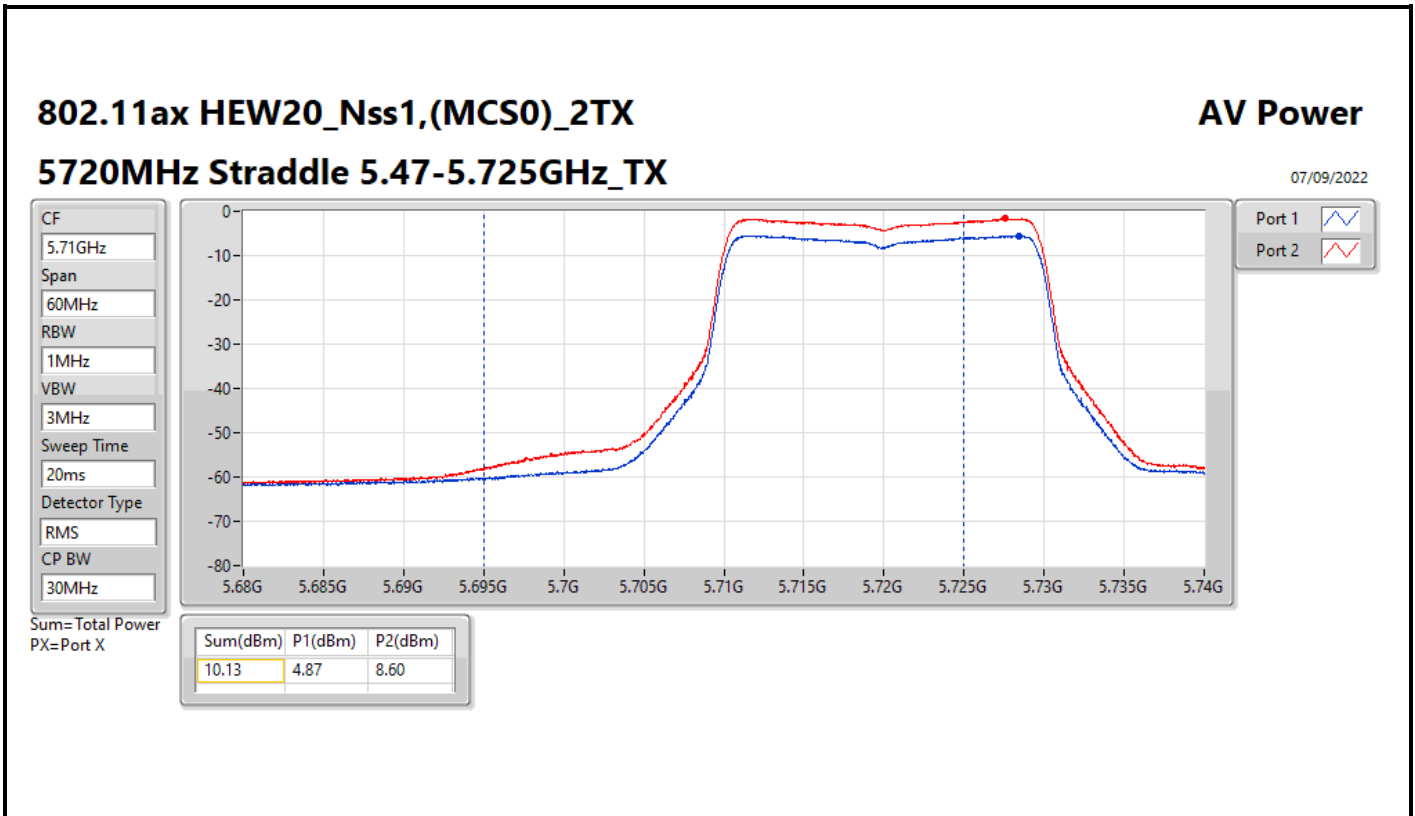


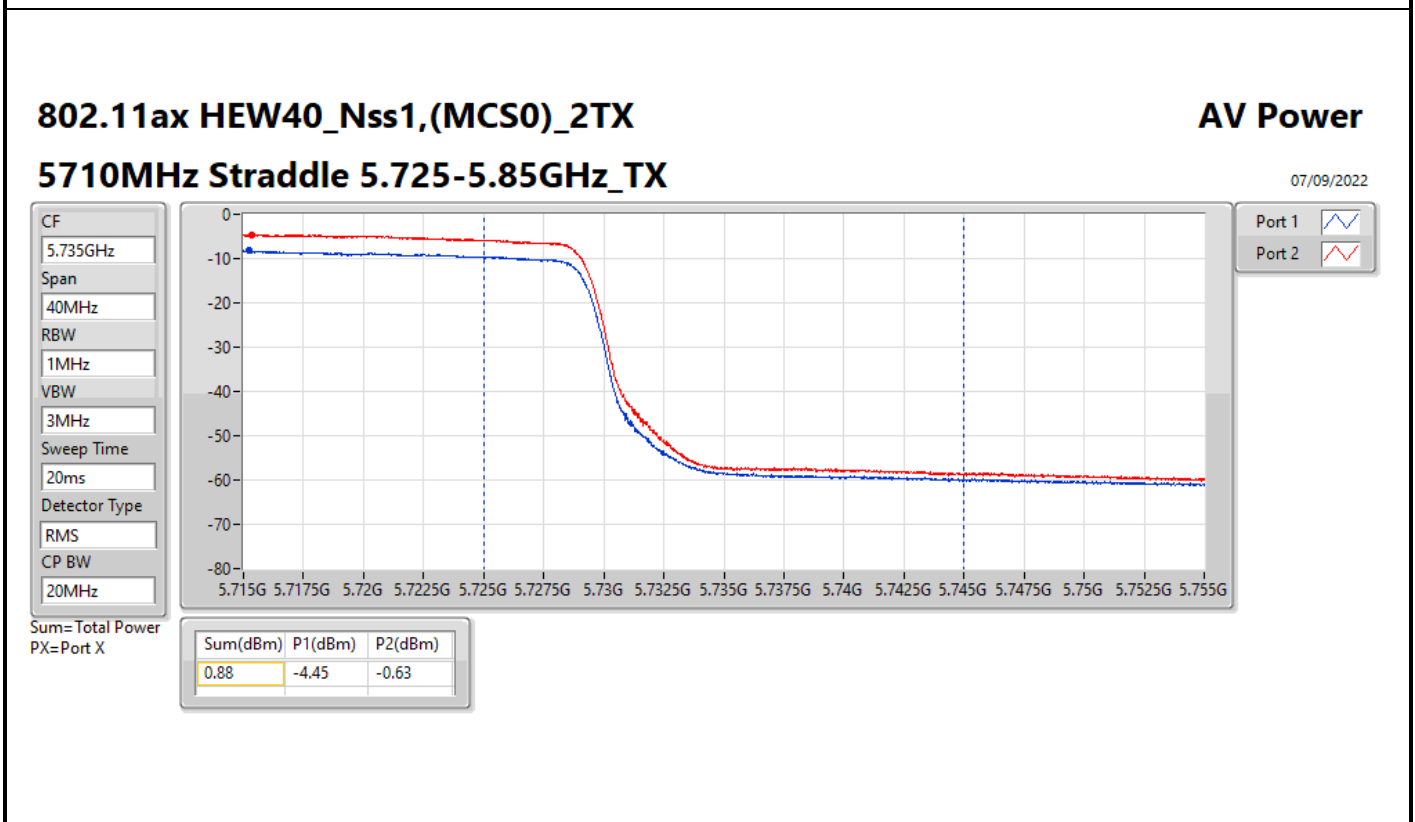
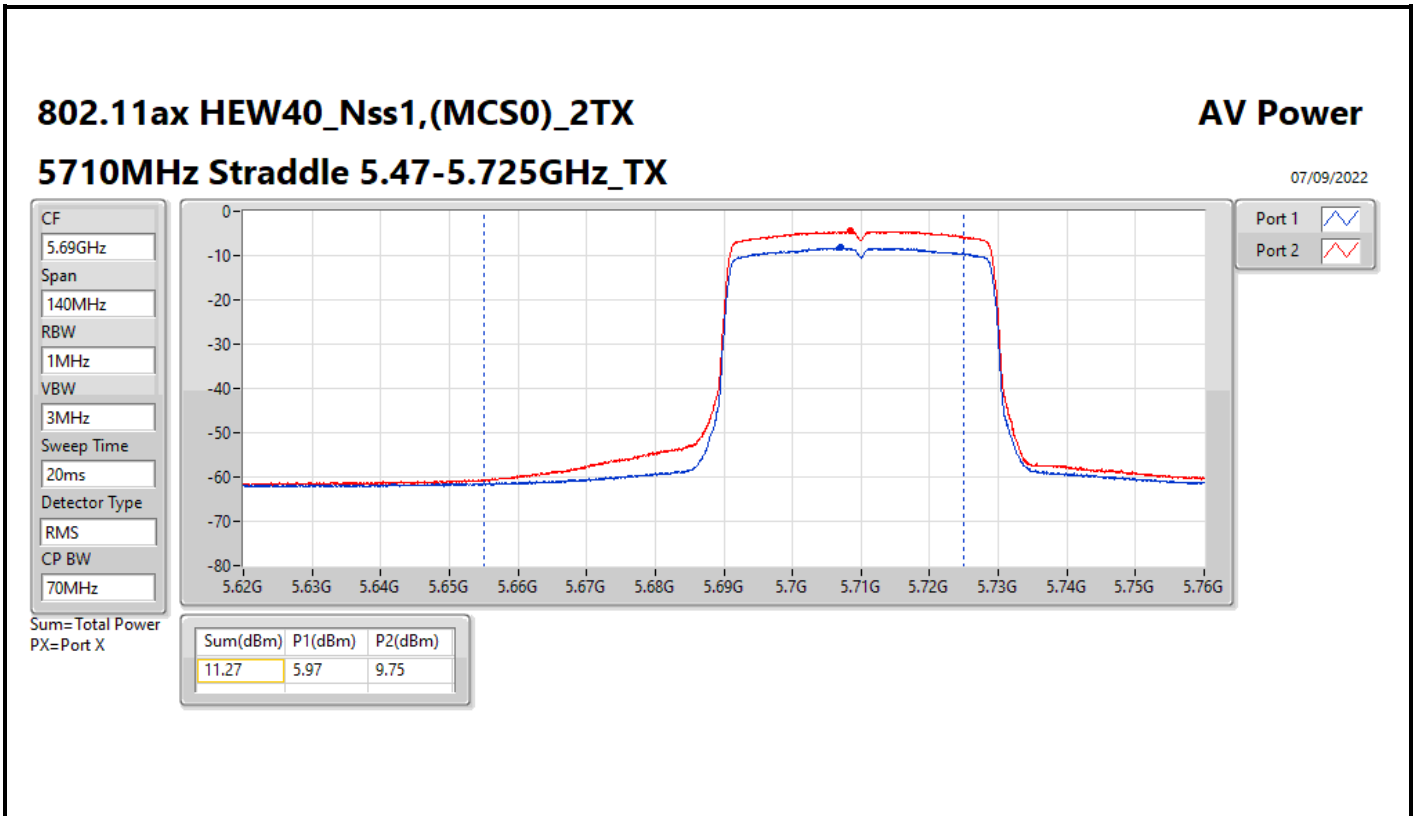


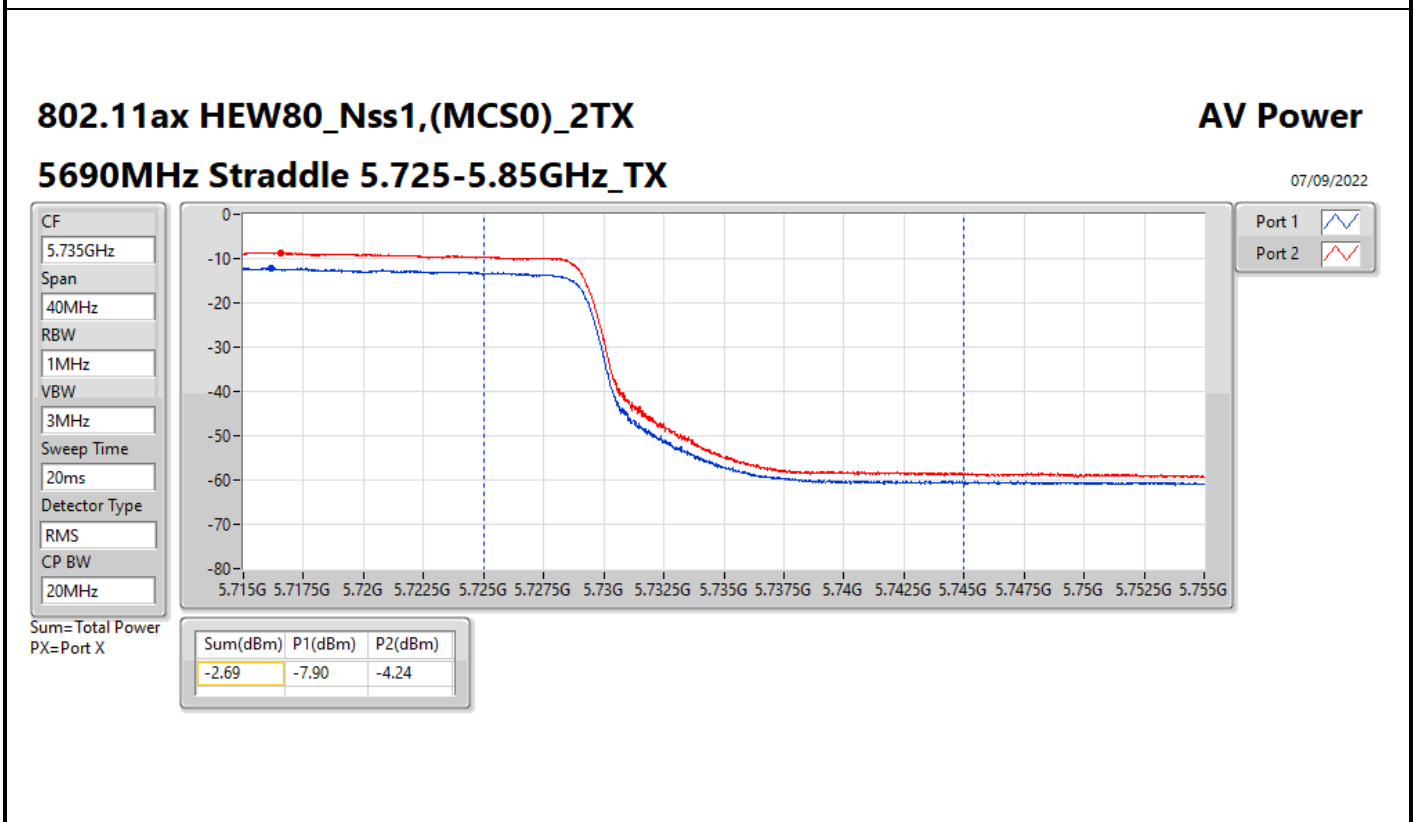
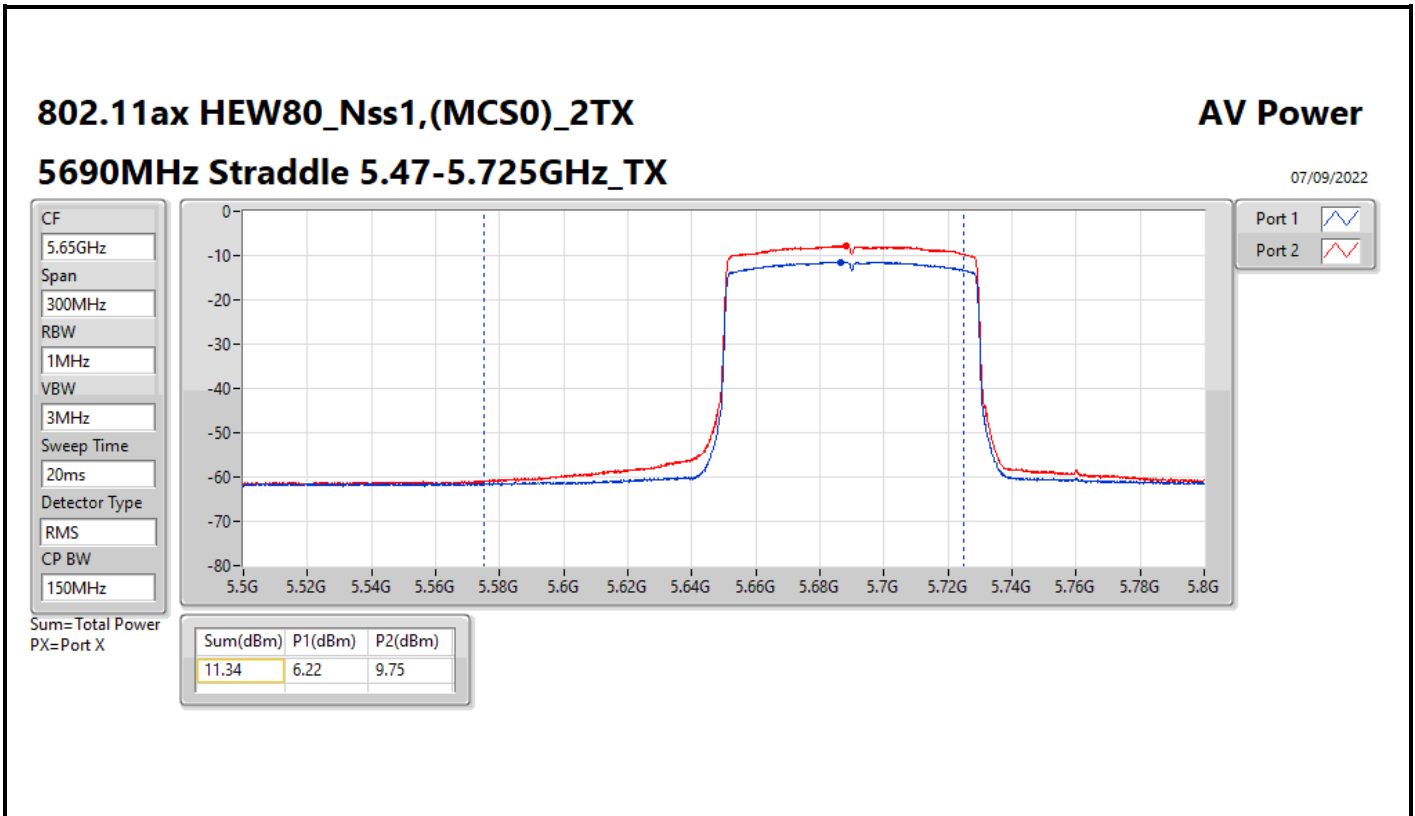


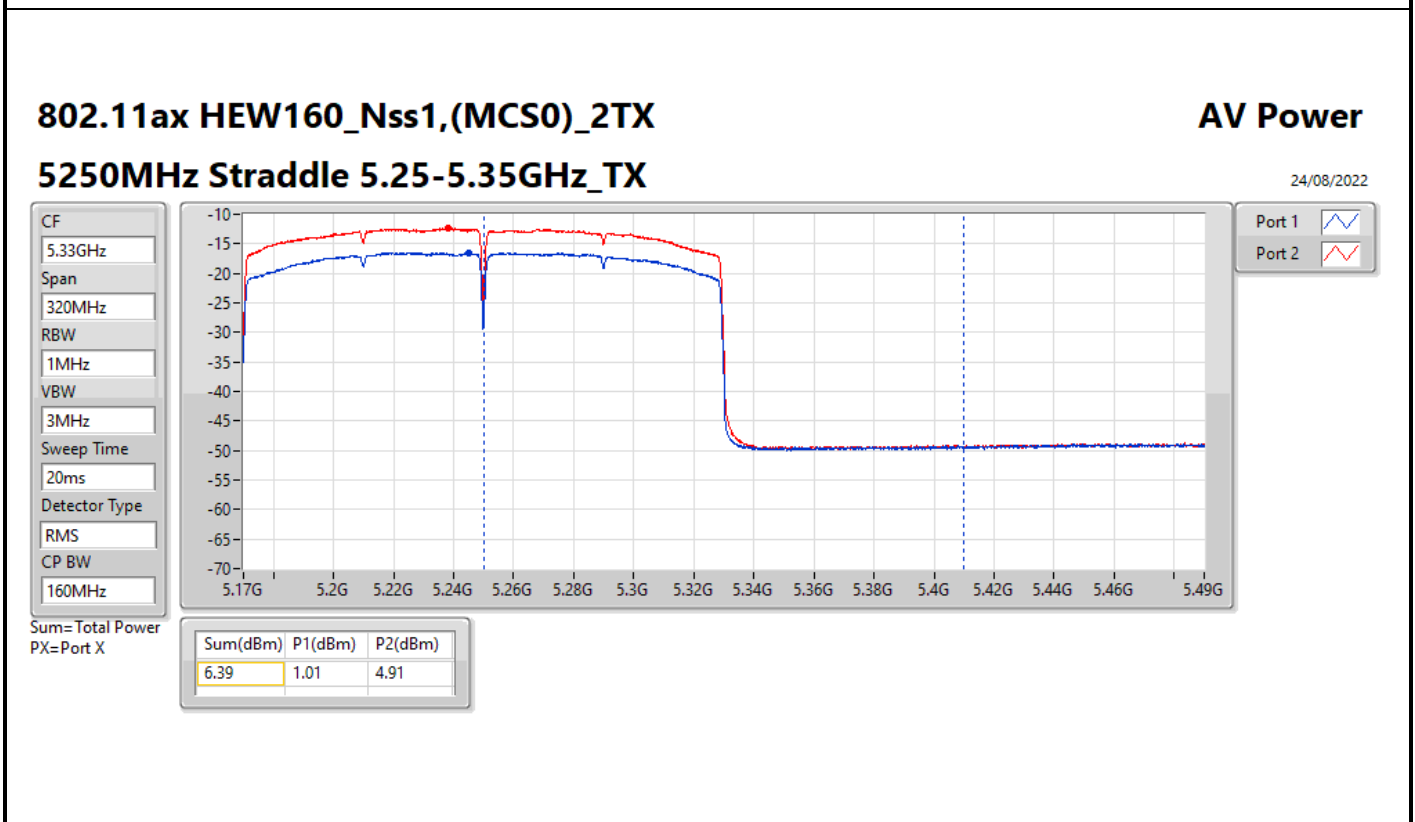
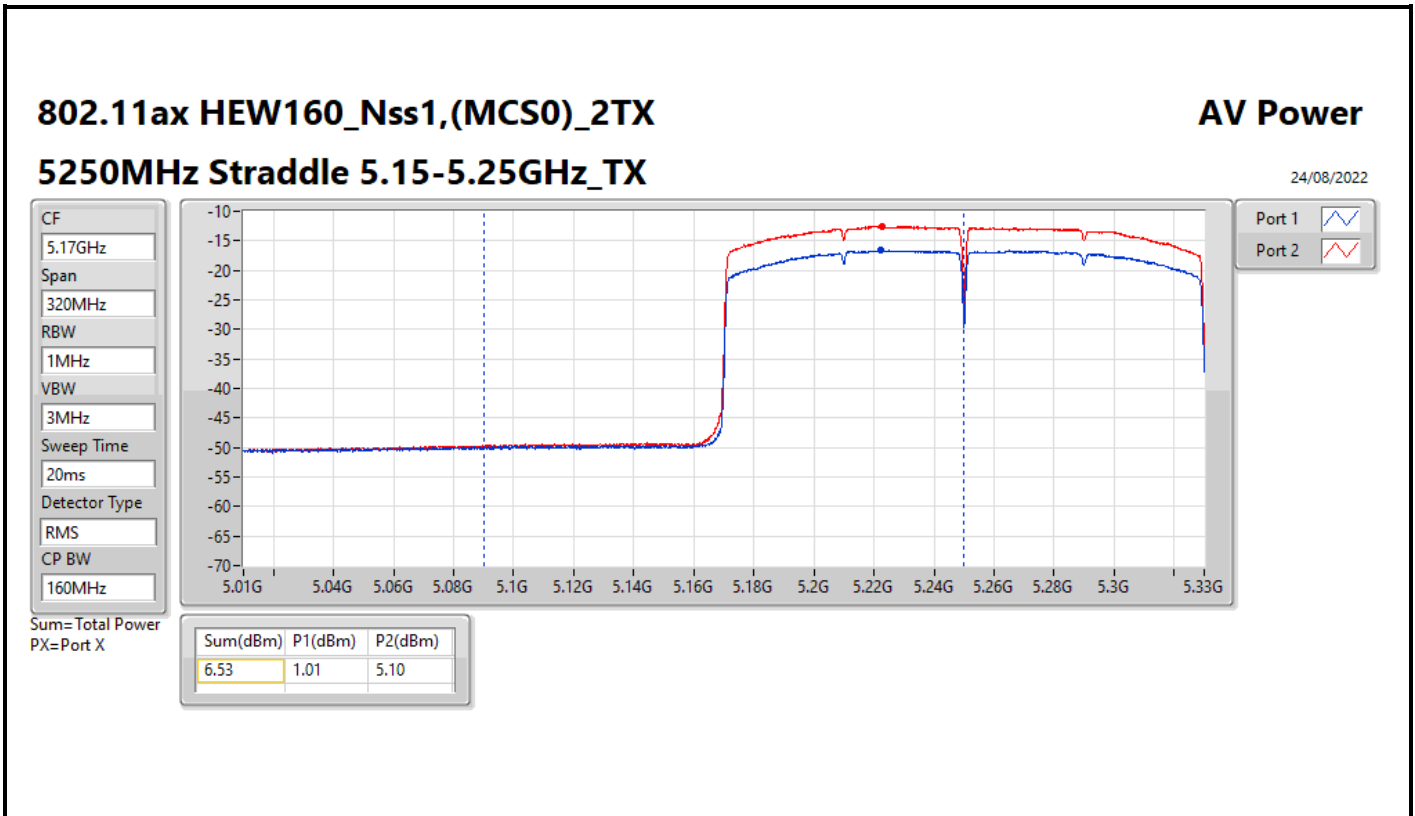


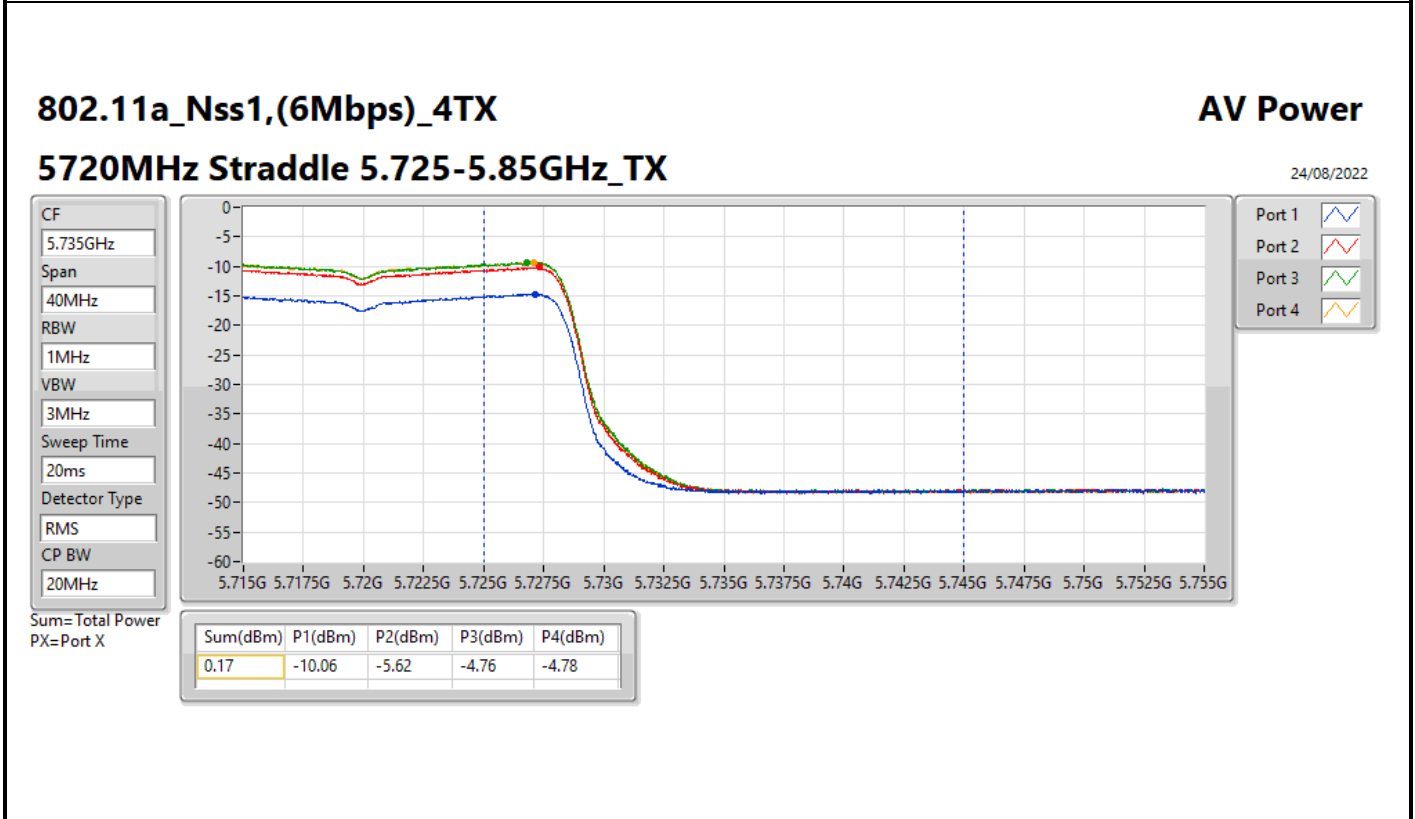
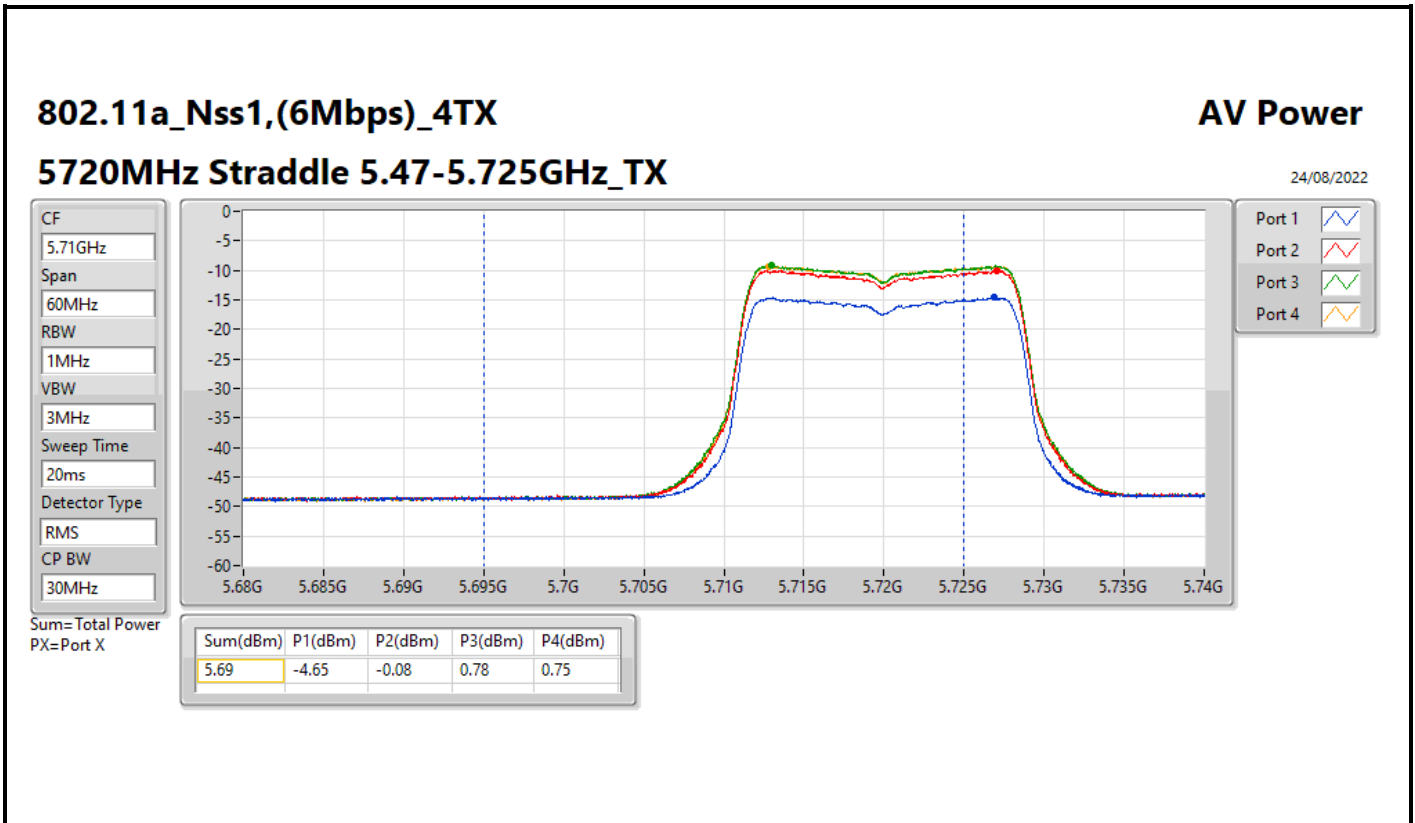


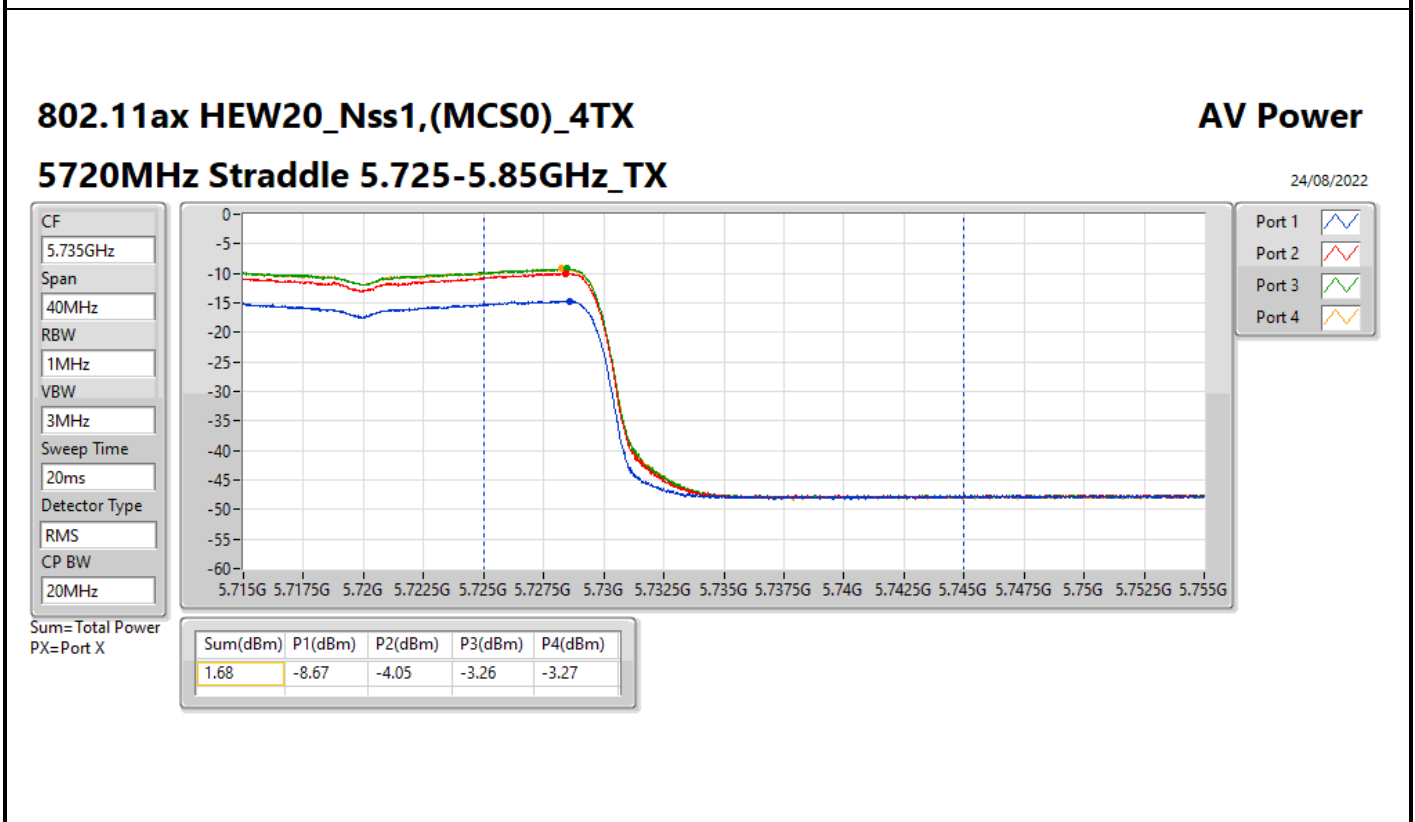
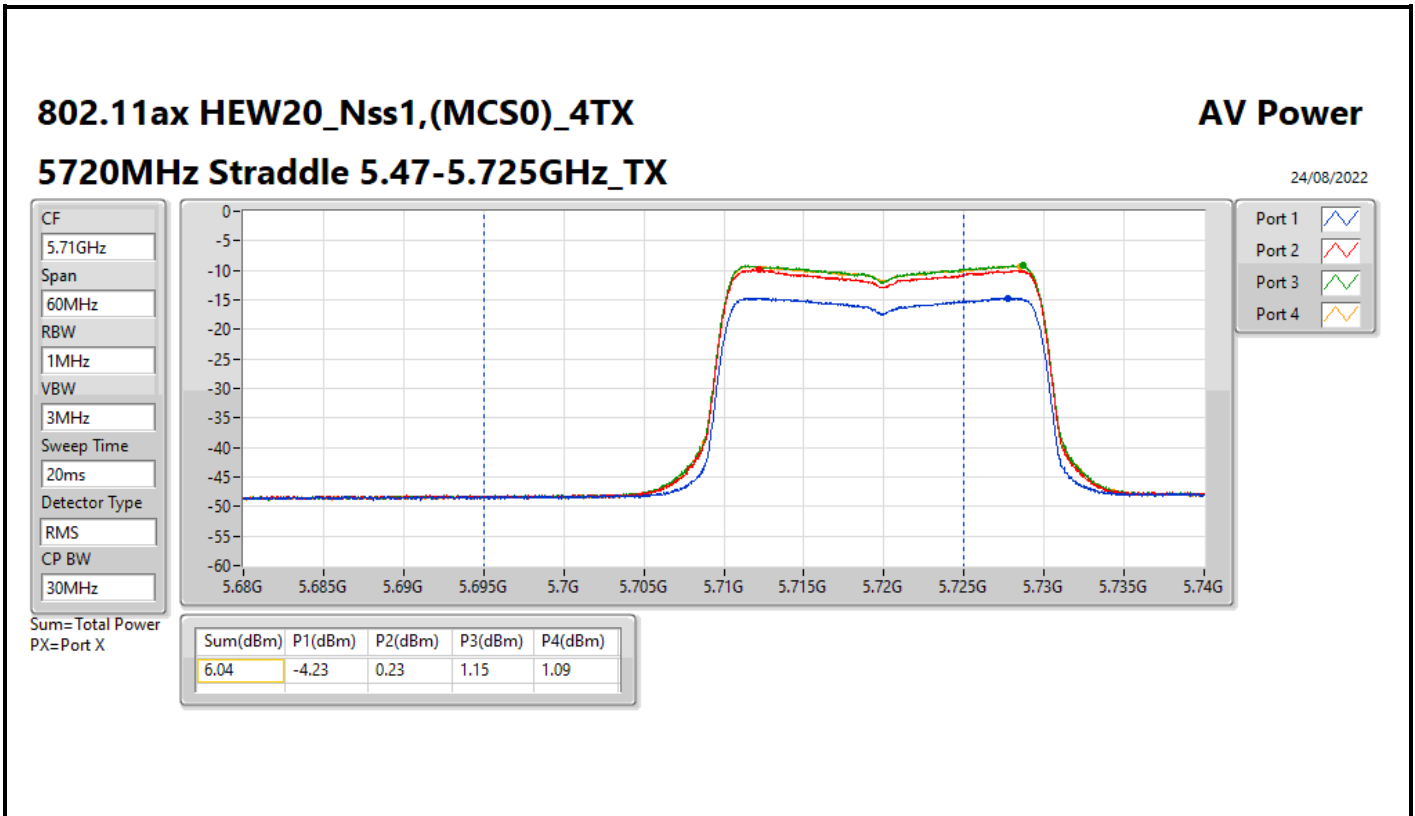


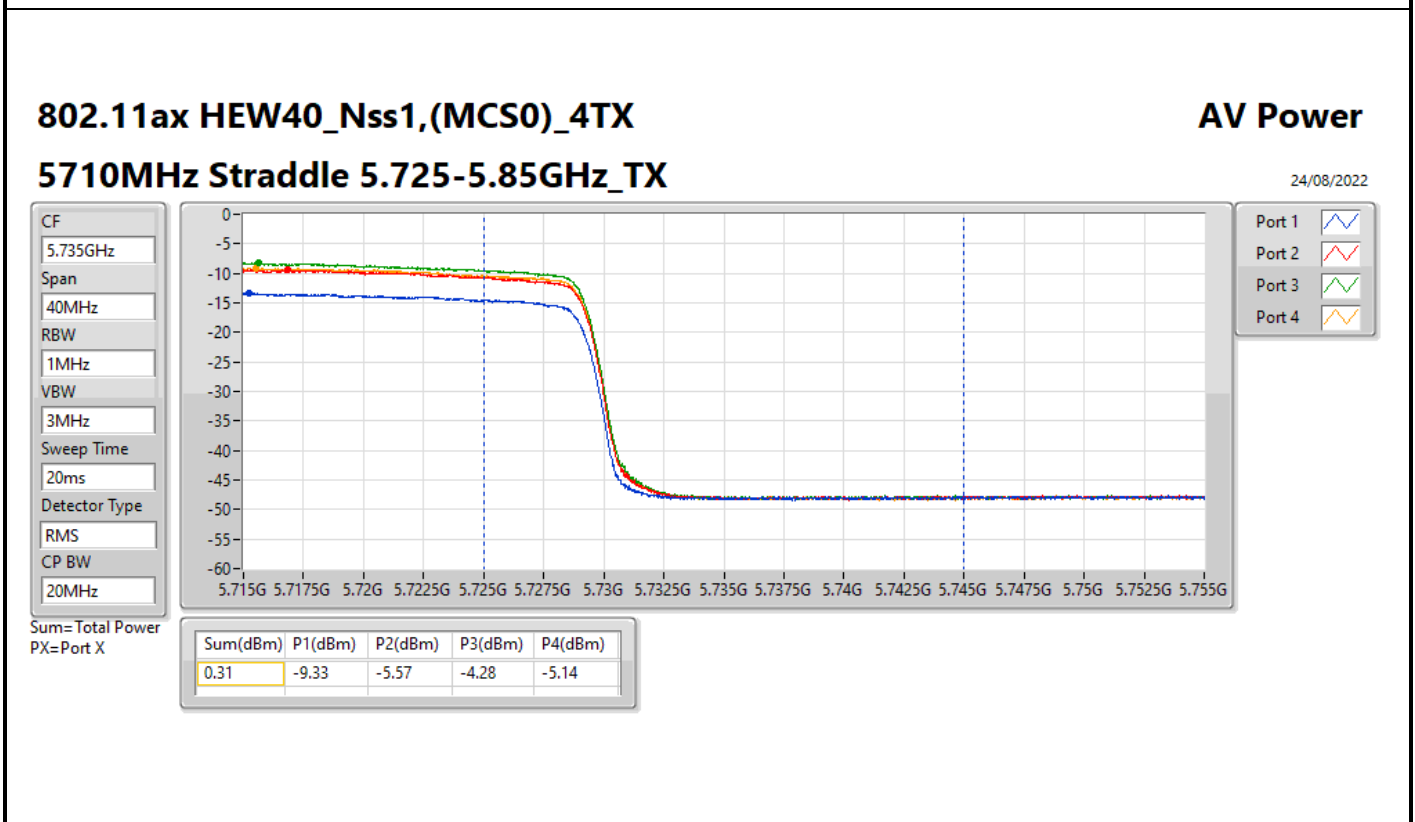
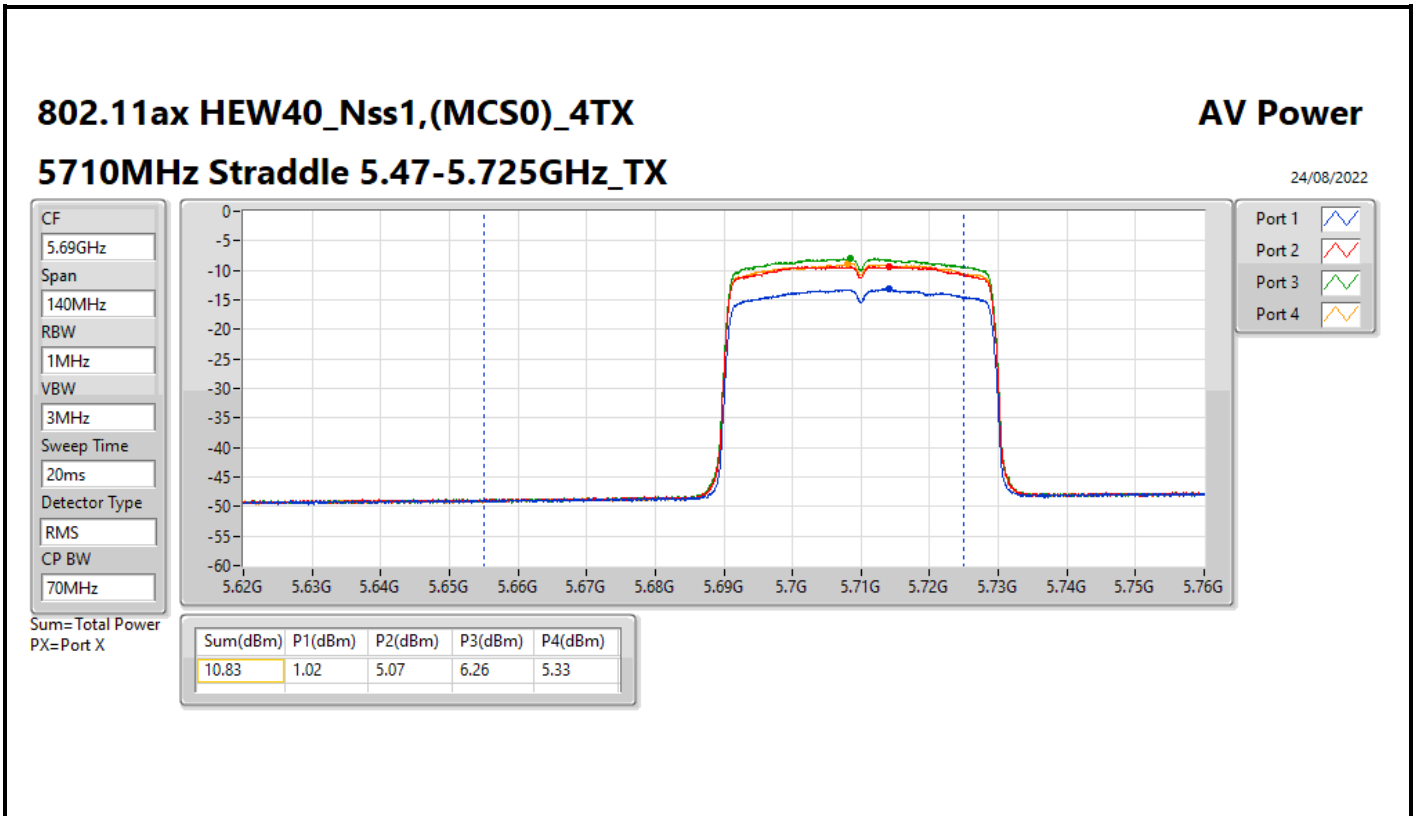


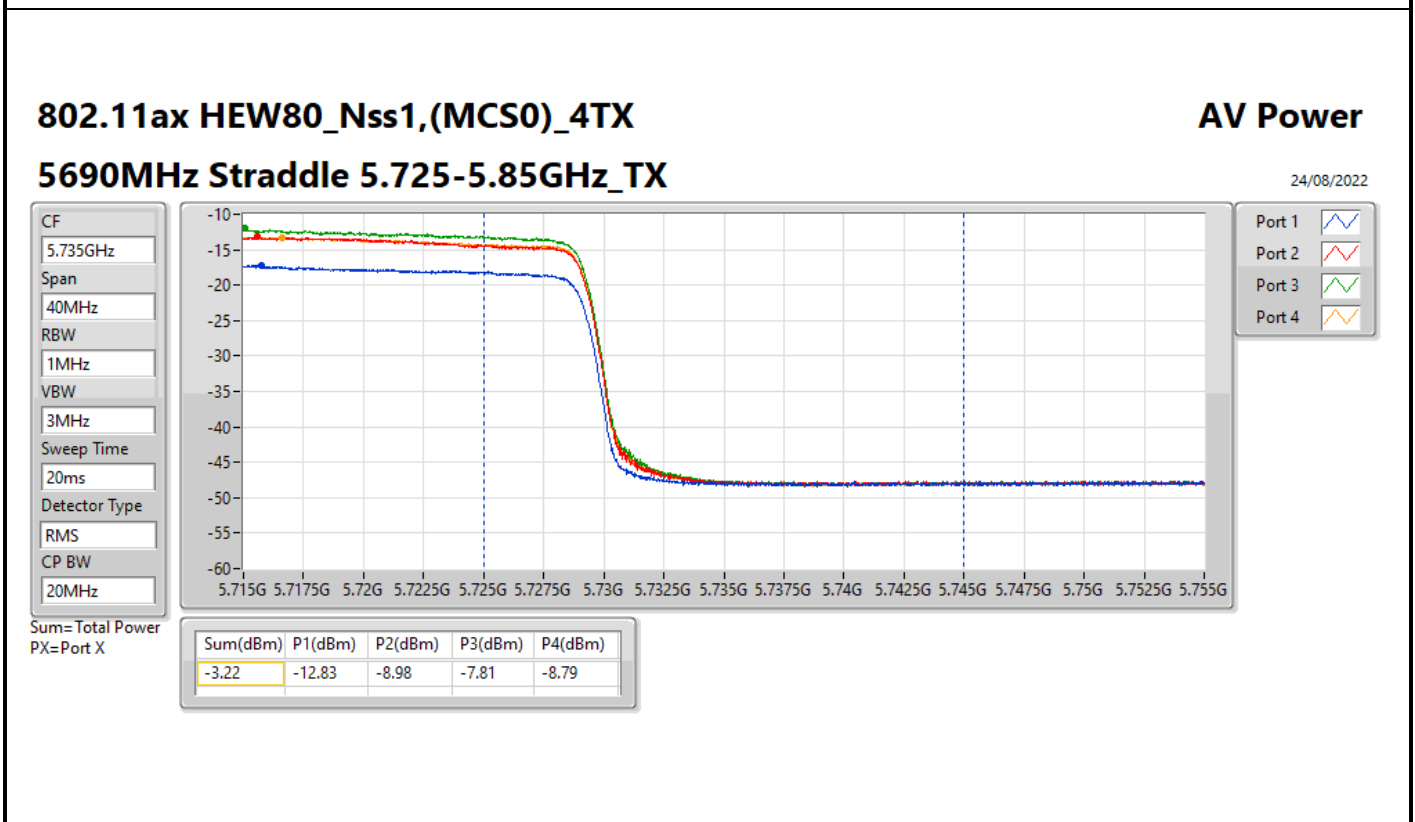
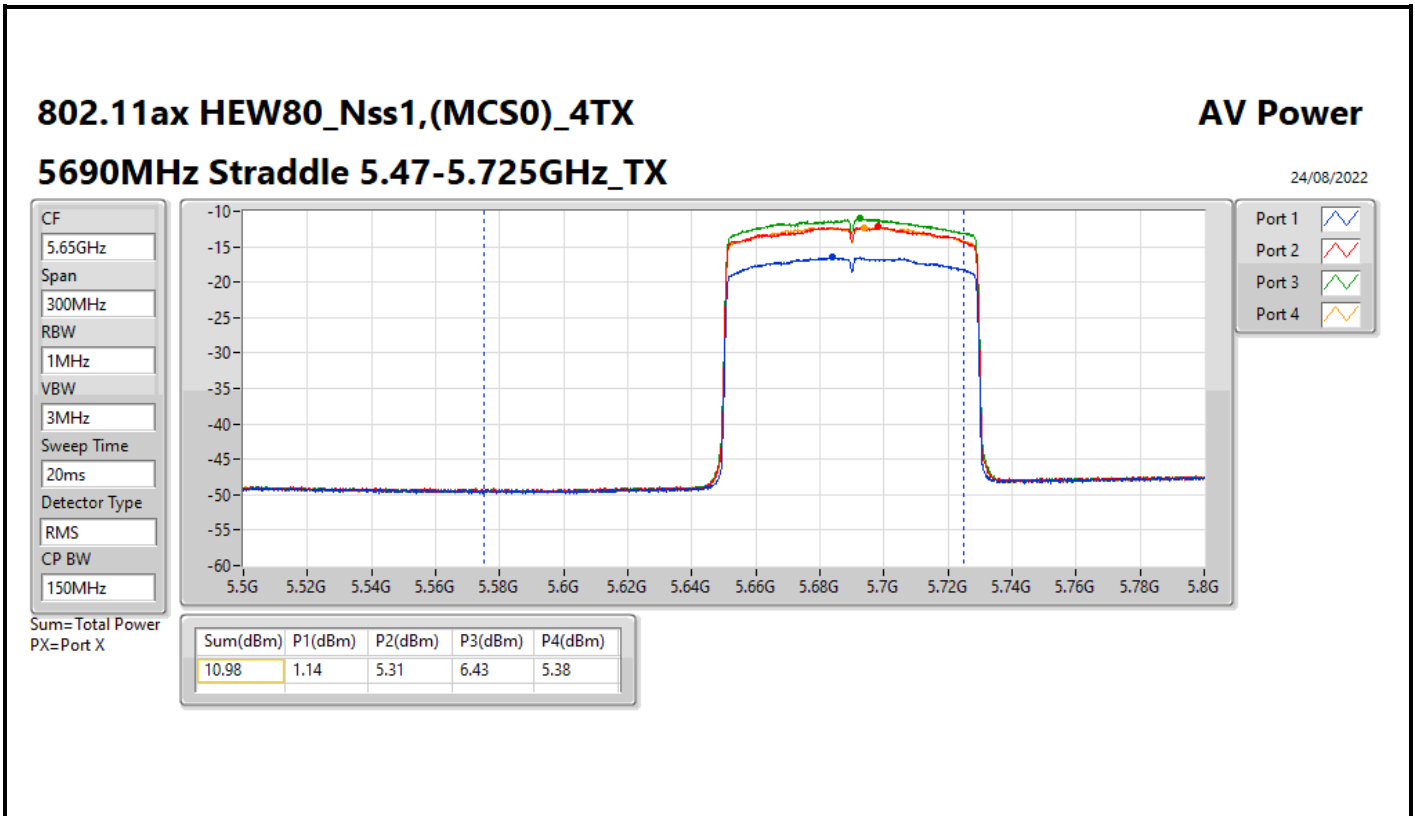


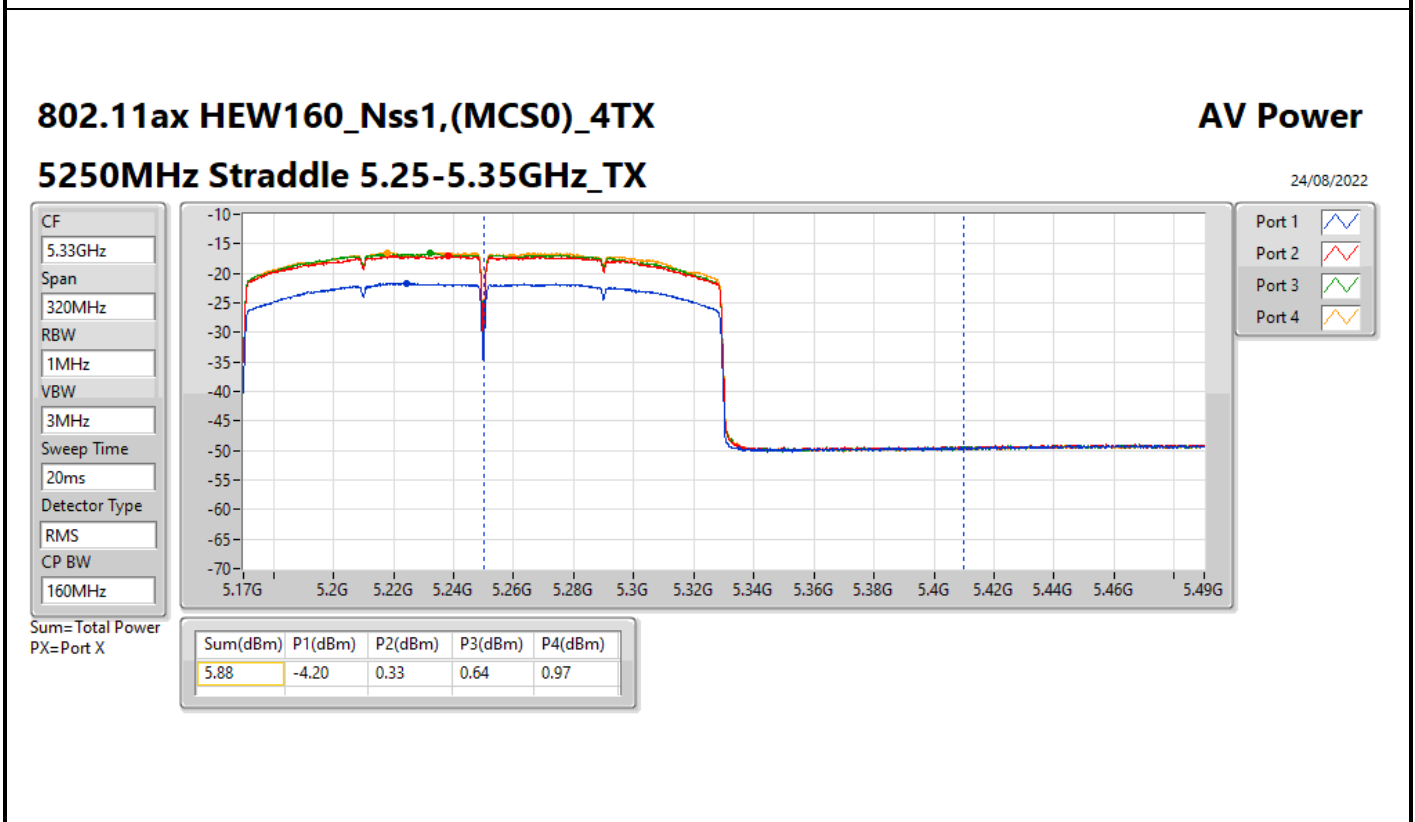
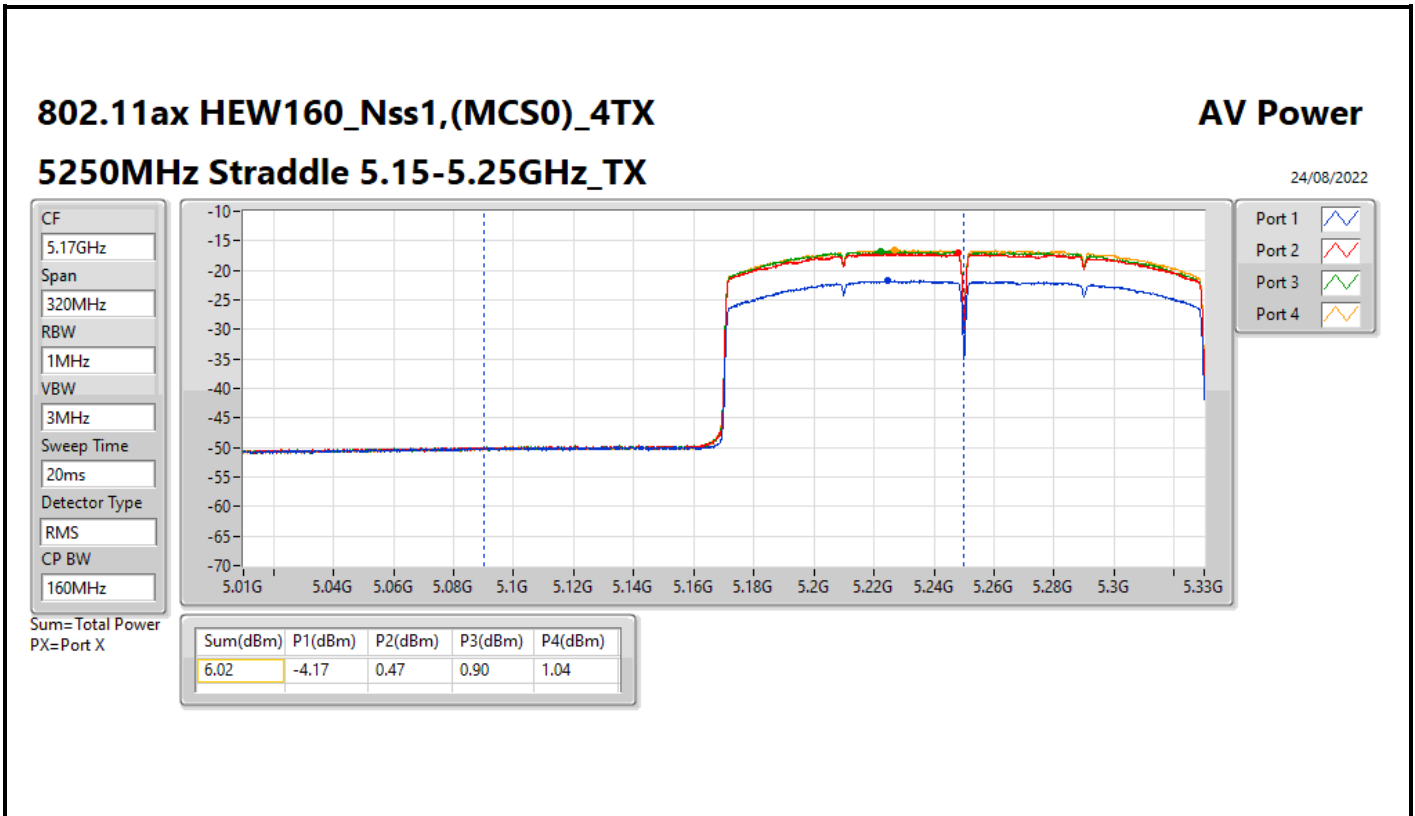














**Average Power_Pine R2_Antenna set 10_Beamforming mode_
Indoor_P to M**

Appendix C.16

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	6.53	0.00450
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.39	0.01377
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.17	0.00826
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	11.09	0.01285
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	6.39	0.00436
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.04	0.01271
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.43	0.01390
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	11.34	0.01361
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	10.35	0.01084
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	5.80	0.00380
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.88	0.00122
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.69	0.00054



Average Power_Pine R2_Antenna set 10_Beamforming mode_Indoor_P to M

Appendix C.16

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5260MHz	Pass	18.53	5.76	9.5	11.03	11.45
5300MHz	Pass	18.53	6.01	9.9	11.39	11.45
5320MHz	Pass	18.53	4.94	9.18	10.57	11.45
5500MHz	Pass	18.53	5.38	9.13	10.66	11.45
5580MHz	Pass	18.53	5.53	9.23	10.77	11.45
5700MHz	Pass	18.53	5.74	9.52	11.04	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	4.87	8.6	10.13	10.51
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	0.61	4.24	5.80	17.47
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5270MHz	Pass	18.53	3.66	7.73	9.17	11.45
5310MHz	Pass	18.53	2.61	7.2	8.50	11.45
5510MHz	Pass	18.53	6.27	9.82	11.41	11.45
5550MHz	Pass	18.53	6.32	9.81	11.42	11.45
5670MHz	Pass	18.53	5.94	9.99	11.43	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	5.97	9.75	11.27	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-4.45	-0.63	0.88	17.47
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5290MHz	Pass	18.53	5.43	9.72	11.09	11.45
5530MHz	Pass	18.53	5.19	9.13	10.60	11.45
5610MHz	Pass	18.53	4.41	10.08	11.12	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	6.22	9.75	11.34	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-7.9	-4.24	-2.69	17.47
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	18.53	1.01	5.1	6.53	17.47
5250MHz Straddle 5.25-5.35GHz	Pass	18.53	1.01	4.91	6.39	11.45
5570MHz	Pass	18.53	4.89	8.9	10.35	11.45

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



**Average Power_Pine R2_Antenna set 10_Beamforming mode_
Indoor_P to M**

Appendix C.17

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	6.02	0.00400
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.80	0.00603
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.15	0.00653
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	8.01	0.00632
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	5.88	0.00387
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.00	0.00631
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.43	0.00697
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	8.32	0.00679
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	8.02	0.00634
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	1.68	0.00147
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-2.14	0.00061
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-5.88	0.00026



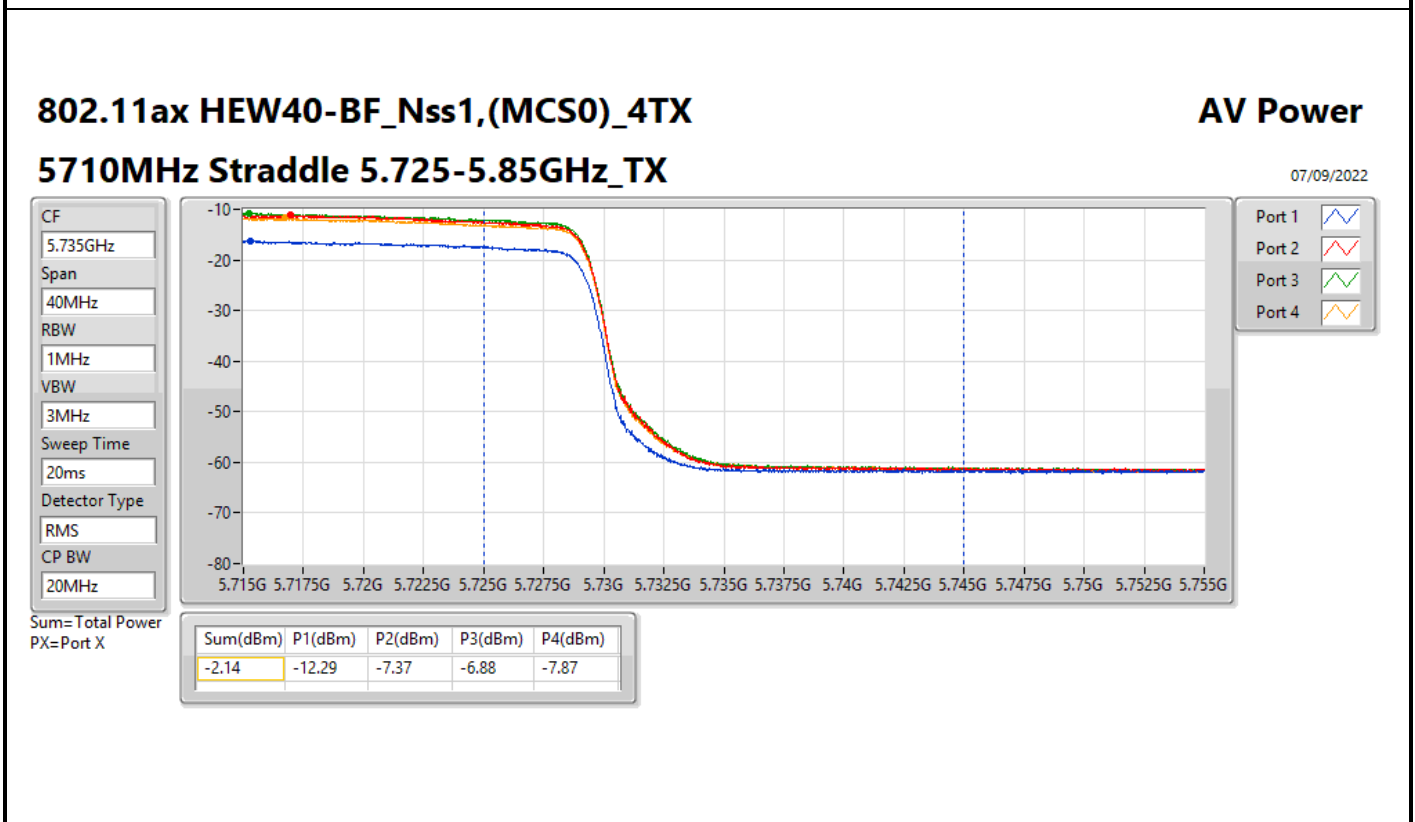
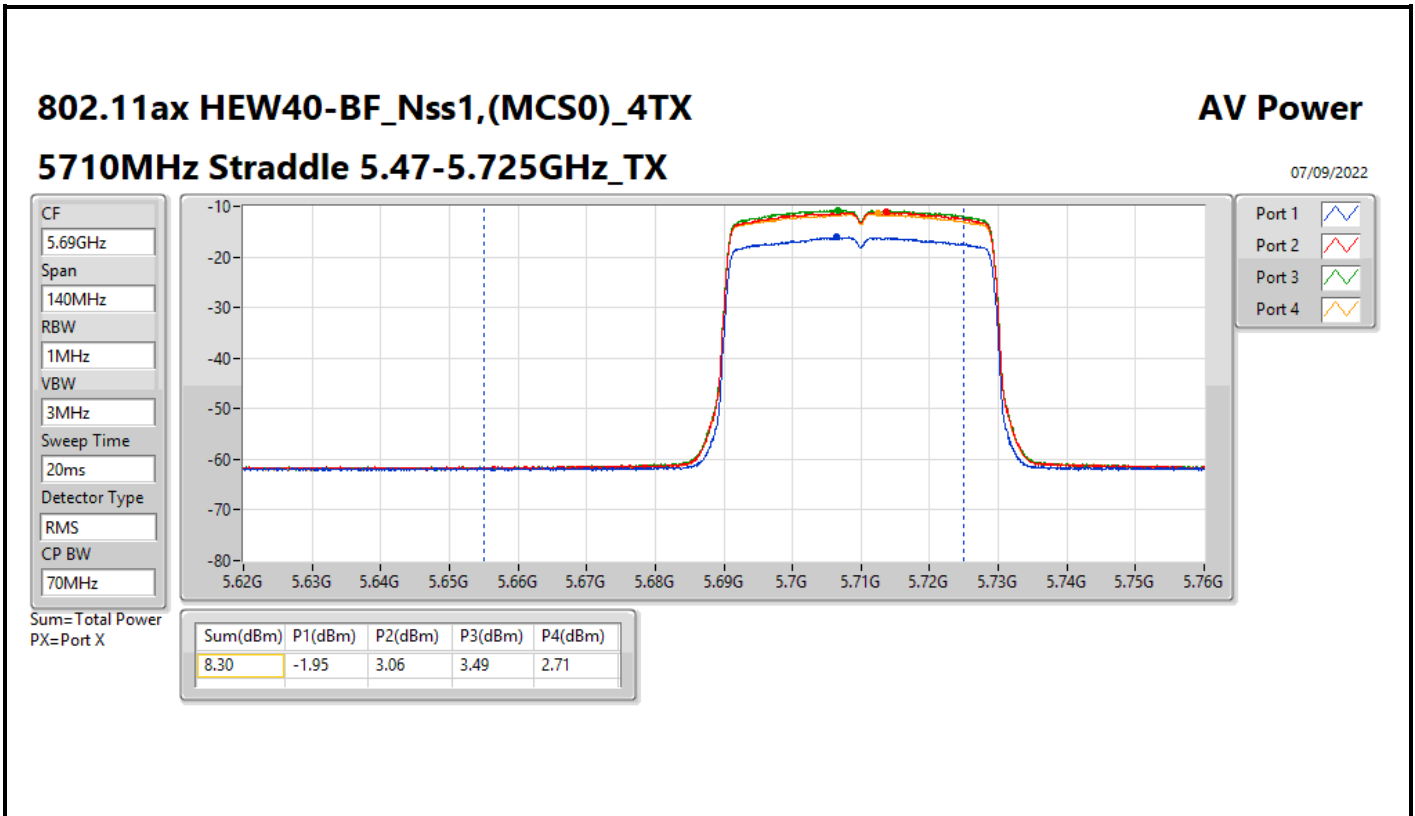
Average Power_Pine R2_Antenna set 10_Beamforming mode_Indoor_P to M

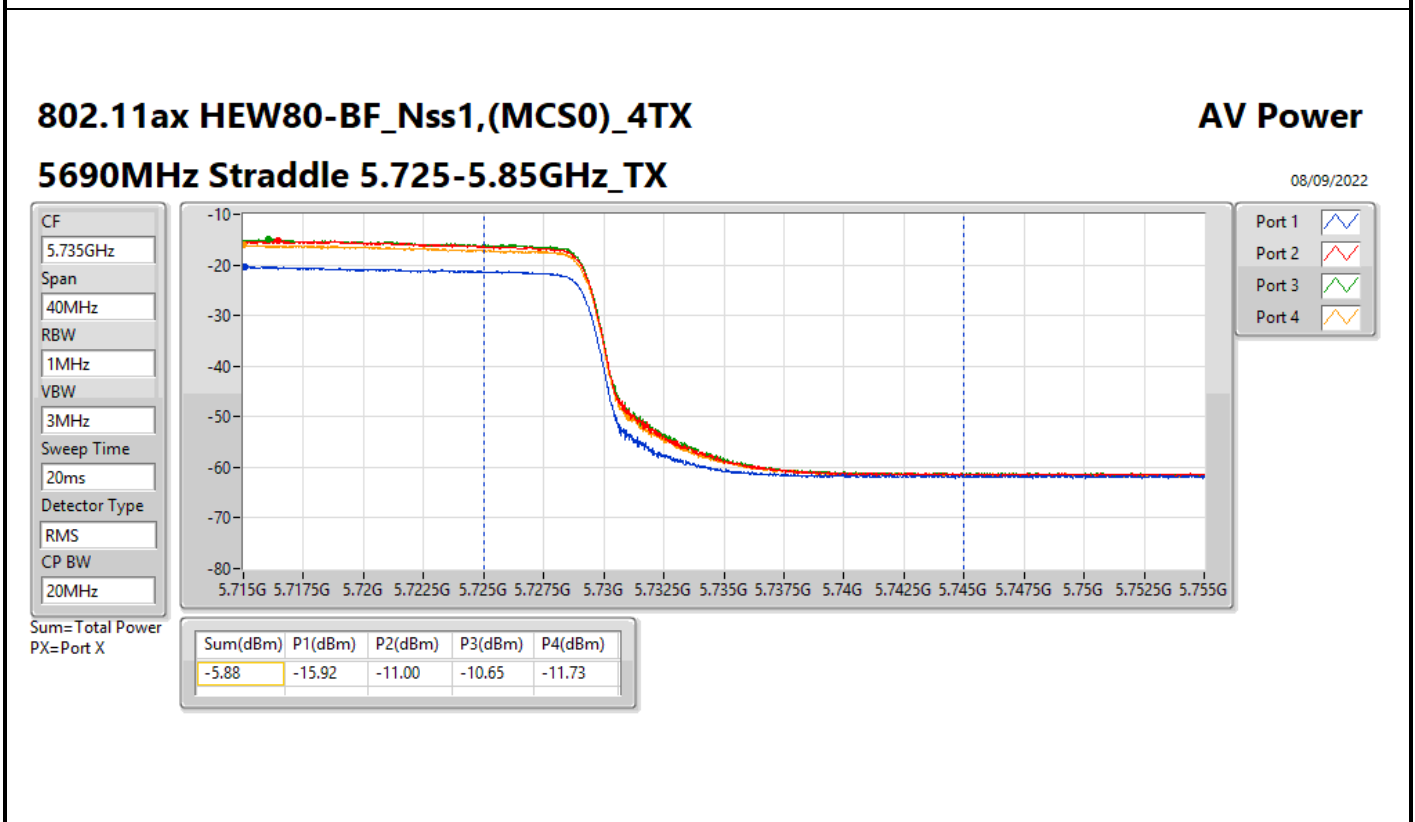
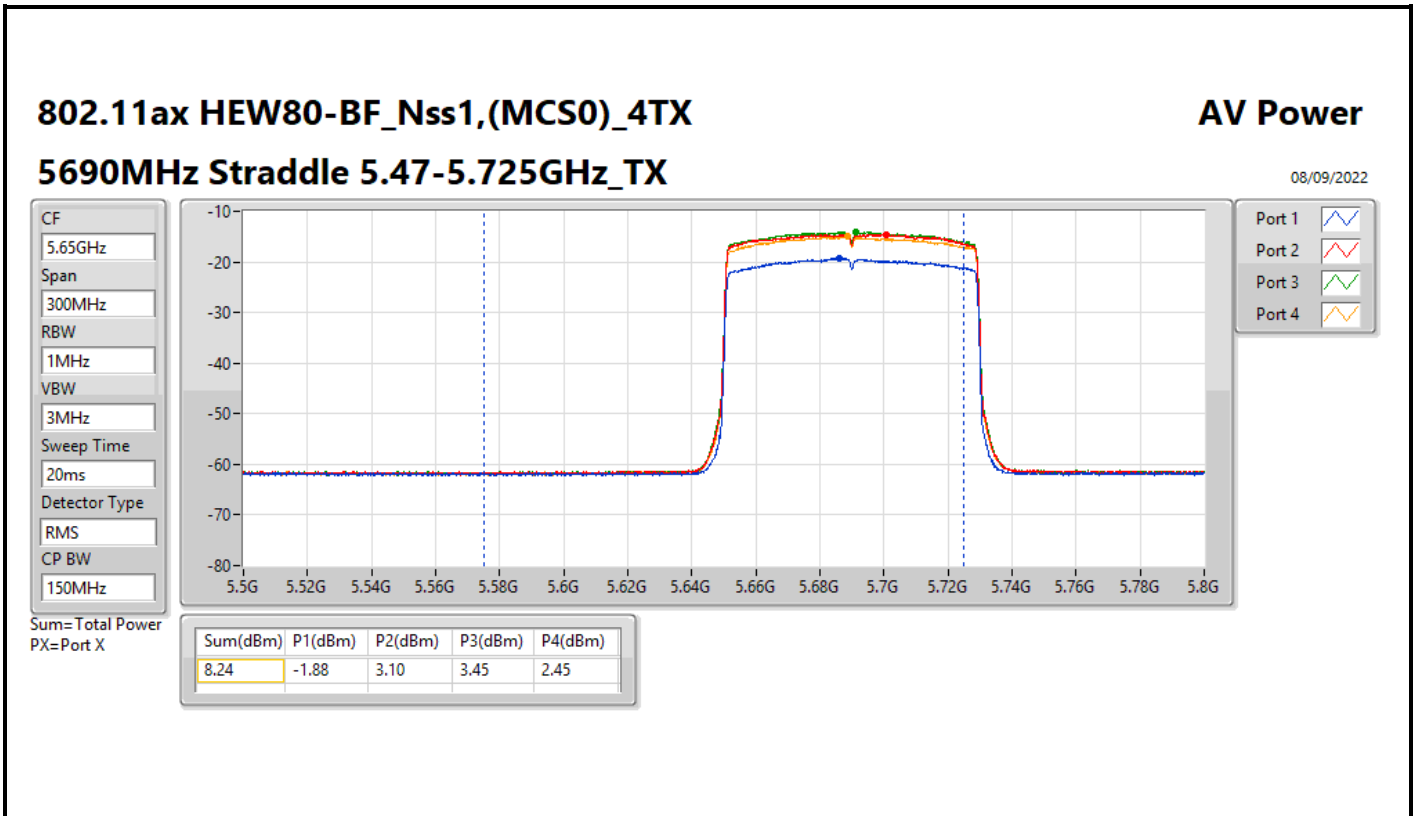
Appendix C.17

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	21.54	-2.25	2.18	2.24	2.89	7.68	8.44
5300MHz	Pass	21.54	-2.44	2.2	2.58	2.98	7.80	8.44
5320MHz	Pass	21.54	-2.48	1.89	2.43	2.82	7.61	8.44
5500MHz	Pass	21.54	-1.65	2.22	2.68	3.06	7.94	8.44
5580MHz	Pass	21.54	-2.55	1.72	2.31	2.67	7.48	8.44
5700MHz	Pass	21.54	-1.99	2.86	3.25	2.13	8.00	8.44
5720MHz Straddle 5.47-5.725GHz	Pass	21.54	-4.23	0.23	1.15	1.09	6.04	7.49
5720MHz Straddle 5.725-5.85GHz	Pass	21.54	-8.67	-4.05	-3.26	-3.27	1.68	14.46
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	21.54	-1.72	3.00	2.97	2.74	8.15	8.44
5310MHz	Pass	21.54	-1.01	2.43	3.43	2.36	8.11	8.44
5510MHz	Pass	21.54	-0.72	3.17	2.77	3.17	8.38	8.44
5550MHz	Pass	21.54	-0.69	2.85	2.73	3.02	8.23	8.44
5670MHz	Pass	21.54	-0.58	3.05	3.54	2.60	8.43	8.44
5710MHz Straddle 5.47-5.725GHz	Pass	21.54	-1.95	3.06	3.49	2.71	8.30	8.44
5710MHz Straddle 5.725-5.85GHz	Pass	21.54	-12.29	-7.37	-6.88	-7.87	-2.14	14.46
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	21.54	-1.49	2.56	2.67	2.94	8.01	8.44
5530MHz	Pass	21.54	-0.80	2.74	2.76	2.92	8.17	8.44
5610MHz	Pass	21.54	-0.52	2.90	2.84	3.09	8.32	8.44
5690MHz Straddle 5.47-5.725GHz	Pass	21.54	-1.88	3.10	3.45	2.45	8.24	8.44
5690MHz Straddle 5.725-5.85GHz	Pass	21.54	-15.92	-11.00	-10.65	-11.73	-5.88	14.46
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	21.54	-4.17	0.47	0.9	1.04	6.02	14.46
5250MHz Straddle 5.25-5.35GHz	Pass	21.54	-4.2	0.33	0.64	0.97	5.88	8.44
5570MHz	Pass	21.54	-1.16	2.33	2.79	2.93	8.02	8.44

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







Average Power_Pine R2_Antenna set 10_
Non beamforming mode_Outdoor_P to M

Appendix C.18

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	5.27	0.00337	23.80/-0.70	0.23988/0.00085
802.11ax HEW160_Nss1,(MCS0)_2TX	6.53	0.00450	25.06/0.56	0.32063/0.00114
802.11ax HEW160_Nss1,(MCS0)_4TX	6.02	0.00400	24.55/0.05	0.28510/0.00101
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	10.80	0.01202	29.33	0.85704
802.11ax HEW20_Nss1,(MCS0)_1TX	11.22	0.01324	29.75	0.94406
802.11ax HEW40_Nss1,(MCS0)_1TX	11.32	0.01355	29.85	0.96605
802.11ax HEW80_Nss1,(MCS0)_1TX	8.14	0.00652	26.67	0.46452
802.11ax HEW160_Nss1,(MCS0)_1TX	5.25	0.00335	23.78	0.23878
802.11a_Nss1,(6Mbps)_2TX	10.72	0.01180	29.25	0.84140
802.11ax HEW20_Nss1,(MCS0)_2TX	11.39	0.01377	29.92	0.98175
802.11ax HEW40_Nss1,(MCS0)_2TX	9.17	0.00826	27.70	0.58884
802.11ax HEW80_Nss1,(MCS0)_2TX	11.09	0.01285	29.62	0.91622
802.11ax HEW160_Nss1,(MCS0)_2TX	6.39	0.00436	24.92	0.31046
802.11a_Nss1,(6Mbps)_4TX	7.14	0.00518	25.67	0.36898
802.11ax HEW20_Nss1,(MCS0)_4TX	7.80	0.00603	26.33	0.42954
802.11ax HEW40_Nss1,(MCS0)_4TX	10.84	0.01213	29.37	0.86497
802.11ax HEW80_Nss1,(MCS0)_4TX	10.17	0.01040	28.70	0.74131
802.11ax HEW160_Nss1,(MCS0)_4TX	5.88	0.00387	24.41	0.27606
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	10.90	0.01230	29.43	0.87700
802.11ax HEW20_Nss1,(MCS0)_1TX	11.40	0.01380	29.93	0.98401
802.11ax HEW40_Nss1,(MCS0)_1TX	11.41	0.01384	29.94	0.98628
802.11ax HEW80_Nss1,(MCS0)_1TX	11.30	0.01349	29.83	0.96161
802.11ax HEW160_Nss1,(MCS0)_1TX	10.39	0.01094	28.92	0.77983
802.11a_Nss1,(6Mbps)_2TX	10.63	0.01156	29.16	0.82414
802.11ax HEW20_Nss1,(MCS0)_2TX	11.04	0.01271	29.57	0.90573
802.11ax HEW40_Nss1,(MCS0)_2TX	11.43	0.01390	29.96	0.99083
802.11ax HEW80_Nss1,(MCS0)_2TX	11.34	0.01361	29.87	0.97051
802.11ax HEW160_Nss1,(MCS0)_2TX	10.35	0.01084	28.88	0.77268
802.11a_Nss1,(6Mbps)_4TX	7.90	0.00617	26.43	0.43954
802.11ax HEW20_Nss1,(MCS0)_4TX	8.53	0.00713	27.06	0.50816
802.11ax HEW40_Nss1,(MCS0)_4TX	11.38	0.01374	29.91	0.97949
802.11ax HEW80_Nss1,(MCS0)_4TX	11.41	0.01384	29.94	0.98628
802.11ax HEW160_Nss1,(MCS0)_4TX	9.72	0.00938	28.25	0.66834
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	4.26	0.00267	22.79	0.19011
802.11ax HEW20_Nss1,(MCS0)_1TX	5.99	0.00397	24.52	0.28314
802.11ax HEW40_Nss1,(MCS0)_1TX	0.97	0.00125	19.50	0.08913
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.76	0.00053	15.77	0.03776
802.11a_Nss1,(6Mbps)_2TX	4.54	0.00284	23.07	0.20277
802.11ax HEW20_Nss1,(MCS0)_2TX	5.80	0.00380	24.33	0.27102
802.11ax HEW40_Nss1,(MCS0)_2TX	0.88	0.00122	19.41	0.08730
802.11ax HEW80_Nss1,(MCS0)_2TX	-2.69	0.00054	15.84	0.03837
802.11a_Nss1,(6Mbps)_4TX	0.17	0.00104	18.70	0.07413
802.11ax HEW20_Nss1,(MCS0)_4TX	1.68	0.00147	20.21	0.10495
802.11ax HEW40_Nss1,(MCS0)_4TX	0.31	0.00107	18.84	0.07656
802.11ax HEW80_Nss1,(MCS0)_4TX	-3.22	0.00048	15.31	0.03396



Average Power_Pine R2_Antenna set 10_
Non beamforming mode_Outdoor_P to M

Appendix C.18

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	10.78				10.78	11.45	29.31	30.00
5300MHz	Pass	18.53	10.52				10.52	11.45	29.05	30.00
5320MHz	Pass	18.53	10.80				10.80	11.45	29.33	30.00
5500MHz	Pass	18.53	10.90				10.90	11.45	29.43	30.00
5580MHz	Pass	18.53	10.49				10.49	11.45	29.02	30.00
5700MHz	Pass	18.53	10.70				10.70	11.45	29.23	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	9.68				9.68	10.31	28.21	28.84
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	4.26				4.26	17.47	22.79	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	11.07				11.07	11.45	29.60	30.00
5300MHz	Pass	18.53	11.22				11.22	11.45	29.75	30.00
5320MHz	Pass	18.53	11.16				11.16	11.45	29.69	30.00
5500MHz	Pass	18.53	11.40				11.40	11.45	29.93	30.00
5580MHz	Pass	18.53	10.91				10.91	11.45	29.44	30.00
5700MHz	Pass	18.53	11.16				11.16	11.45	29.69	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	10.32				10.32	10.47	28.85	29.00
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	5.99				5.99	17.47	24.52	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	11.32				11.32	11.45	29.85	30.00
5310MHz	Pass	18.53	6.15				6.15	11.45	24.68	30.00
5510MHz	Pass	18.53	10.65				10.65	11.45	29.18	30.00
5550MHz	Pass	18.53	11.17				11.17	11.45	29.70	30.00
5670MHz	Pass	18.53	11.05				11.05	11.45	29.58	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	11.41				11.41	11.45	29.94	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	0.97				0.97	17.47	19.50	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	8.14				8.14	11.45	26.67	30.00
5530MHz	Pass	18.53	9.66				9.66	11.45	28.19	30.00
5610MHz	Pass	18.53	11.22				11.22	11.45	29.75	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	11.30				11.30	11.45	29.83	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-2.76				-2.76	17.47	15.77	36.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	18.53	5.27				5.27	17.47	23.80/0.70	36.00/21.00
5250MHz Straddle 5.25-5.35GHz	Pass	18.53	5.25				5.25	11.45	23.78	30.00
5570MHz	Pass	18.53	10.39				10.39	11.45	28.92	30.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	5.46	9.15			10.70	11.45	29.23	30.00
5300MHz	Pass	18.53	5.16	9.07			10.55	11.45	29.08	30.00
5320MHz	Pass	18.53	5.40	9.21			10.72	11.41	29.25	29.94
5500MHz	Pass	18.53	5.55	8.75			10.45	11.45	28.98	30.00
5580MHz	Pass	18.53	5.12	8.89			10.41	11.45	28.94	30.00
5700MHz	Pass	18.53	5.38	9.09			10.63	11.45	29.16	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	4.77	8.38			9.95	10.28	28.48	28.81
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-0.63	2.97			4.54	17.47	23.07	36.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	5.76	9.50			11.03	11.45	29.56	30.00
5300MHz	Pass	18.53	6.01	9.90			11.39	11.45	29.92	30.00
5320MHz	Pass	18.53	4.94	9.18			10.57	11.45	29.10	30.00
5500MHz	Pass	18.53	5.38	9.13			10.66	11.45	29.19	30.00
5580MHz	Pass	18.53	5.53	9.23			10.77	11.45	29.30	30.00
5700MHz	Pass	18.53	5.74	9.52			11.04	11.45	29.57	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	4.87	8.60			10.13	10.51	28.66	29.04



Average Power_Pine R2_Antenna set 10_
Non beamforming mode_Outdoor_P to M

Appendix C.18

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	0.61	4.24			5.80	17.47	24.33	36.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	3.66	7.73			9.17	11.45	27.70	30.00
5310MHz	Pass	18.53	2.61	7.20			8.50	11.45	27.03	30.00
5510MHz	Pass	18.53	6.27	9.82			11.41	11.45	29.94	30.00
5550MHz	Pass	18.53	6.32	9.81			11.42	11.45	29.95	30.00
5670MHz	Pass	18.53	5.94	9.99			11.43	11.45	29.96	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	5.97	9.75			11.27	11.45	29.80	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-4.45	-0.63			0.88	17.47	19.41	36.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	5.43	9.72			11.09	11.45	29.62	30.00
5530MHz	Pass	18.53	5.19	9.13			10.60	11.45	29.13	30.00
5610MHz	Pass	18.53	4.41	10.08			11.12	11.45	29.65	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	6.22	9.75			11.34	11.45	29.87	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-7.90	-4.24			-2.69	17.47	15.84	36.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	18.53	1.01	5.10			6.53	17.47	25.06/0.56	36.00/21.00
5250MHz Straddle 5.25-5.35GHz	Pass	18.53	1.01	4.91			6.39	11.45	24.92	30.00
5570MHz	Pass	18.53	4.89	8.90			10.35	11.45	28.88	30.00
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-3.00	1.51	1.89	2.35	7.14	11.45	25.67	30.00
5300MHz	Pass	18.53	-3.12	1.50	1.89	2.32	7.12	11.45	25.65	30.00
5320MHz	Pass	18.53	-3.07	1.37	1.80	2.38	7.08	11.45	25.61	30.00
5500MHz	Pass	18.53	-2.24	1.63	2.05	2.49	7.35	11.45	25.88	30.00
5580MHz	Pass	18.53	-2.56	1.64	2.21	2.54	7.38	11.45	25.91	30.00
5700MHz	Pass	18.53	-2.85	2.36	3.35	2.45	7.90	11.45	26.43	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-4.65	-0.08	0.78	0.75	5.69	10.27	24.22	28.80
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-10.06	-5.62	-4.76	-4.78	0.17	17.47	18.70	36.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-2.25	2.18	2.24	2.89	7.68	11.45	26.21	30.00
5300MHz	Pass	18.53	-2.44	2.20	2.58	2.98	7.80	11.45	26.33	30.00
5320MHz	Pass	18.53	-2.48	1.89	2.43	2.82	7.61	11.45	26.14	30.00
5500MHz	Pass	18.53	-1.65	2.22	2.68	3.06	7.94	11.45	26.47	30.00
5580MHz	Pass	18.53	-2.55	1.72	2.31	2.67	7.48	11.45	26.01	30.00
5700MHz	Pass	18.53	-2.17	2.97	3.94	3.14	8.53	11.45	27.06	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-4.23	0.23	1.15	1.09	6.04	10.50	24.57	29.03
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-8.67	-4.05	-3.26	-3.27	1.68	17.47	20.21	36.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	0.84	5.44	5.73	5.67	10.84	11.45	29.37	30.00
5310MHz	Pass	18.53	0.11	4.03	5.21	4.36	9.82	11.45	28.35	30.00
5510MHz	Pass	18.53	1.94	5.80	6.23	6.05	11.33	11.45	29.86	30.00
5550MHz	Pass	18.53	1.53	5.52	6.13	5.19	10.93	11.45	29.46	30.00
5670MHz	Pass	18.53	1.75	5.46	6.52	6.26	11.38	11.45	29.91	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	1.02	5.07	6.26	5.33	10.83	11.45	29.36	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-9.33	-5.57	-4.28	-5.14	0.31	17.47	18.84	36.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	0.32	4.84	5.05	4.88	10.17	11.45	28.70	30.00
5530MHz	Pass	18.53	1.29	5.29	5.95	5.12	10.76	11.45	29.29	30.00
5610MHz	Pass	18.53	1.38	5.90	6.35	6.29	11.41	11.45	29.94	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	1.14	5.31	6.43	5.38	10.98	11.45	29.51	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-12.83	-8.98	-7.81	-8.79	-3.22	17.47	15.31	36.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	18.53	-4.17	0.47	0.90	1.04	6.02	17.47	24.55/0.05	36.00/21.00
5250MHz Straddle 5.25-5.35GHz	Pass	18.53	-4.20	0.33	0.64	0.97	5.88	11.45	24.41	30.00

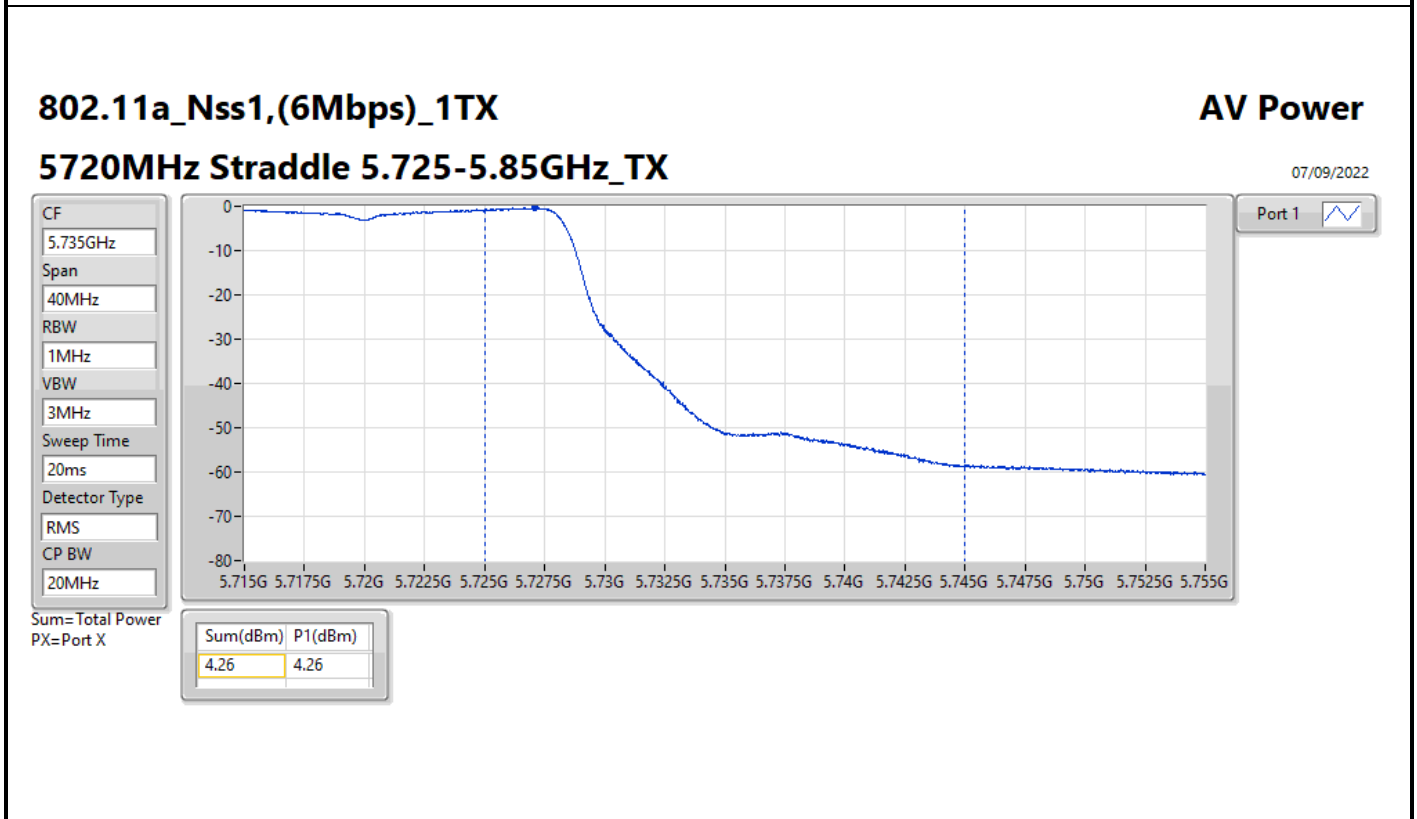
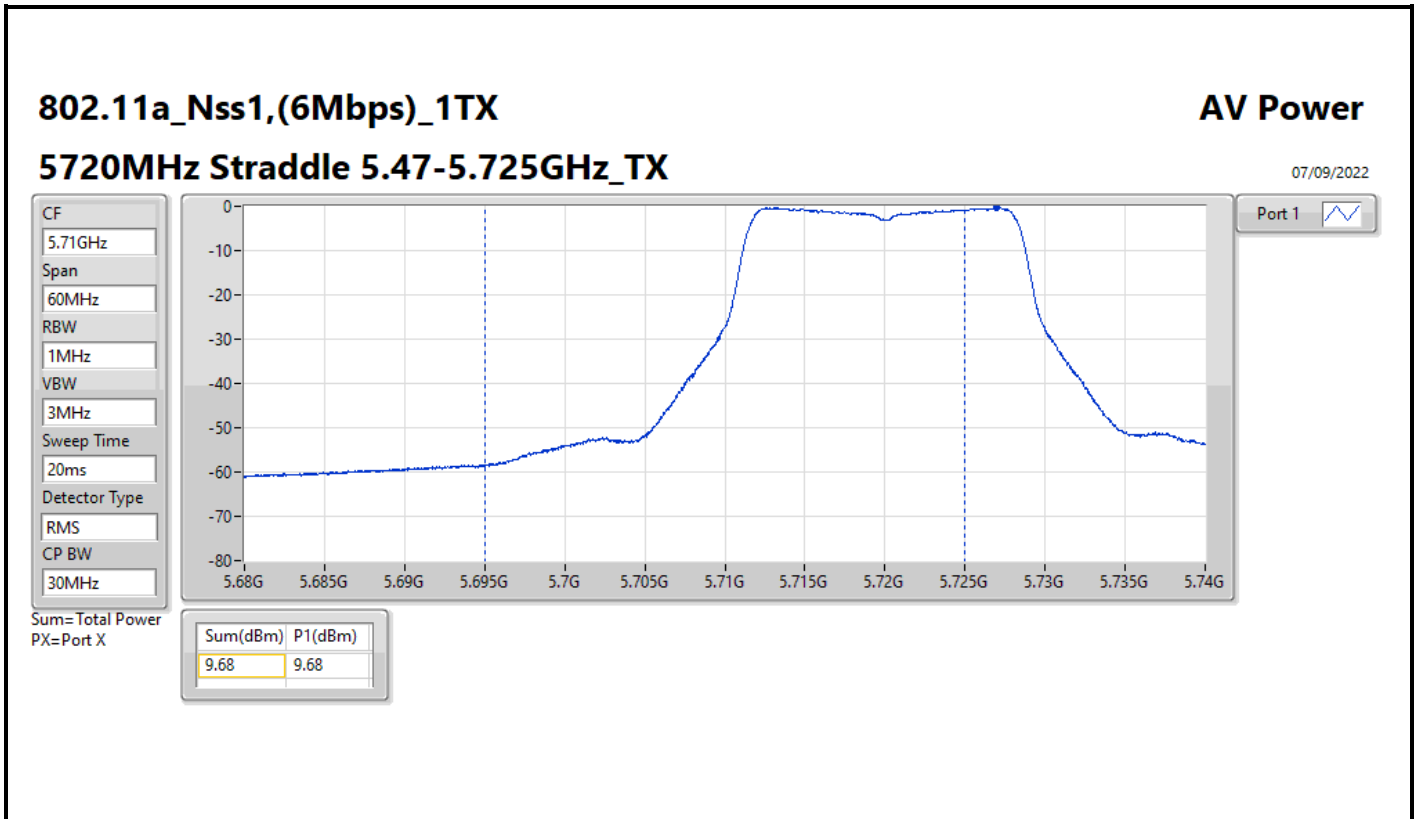


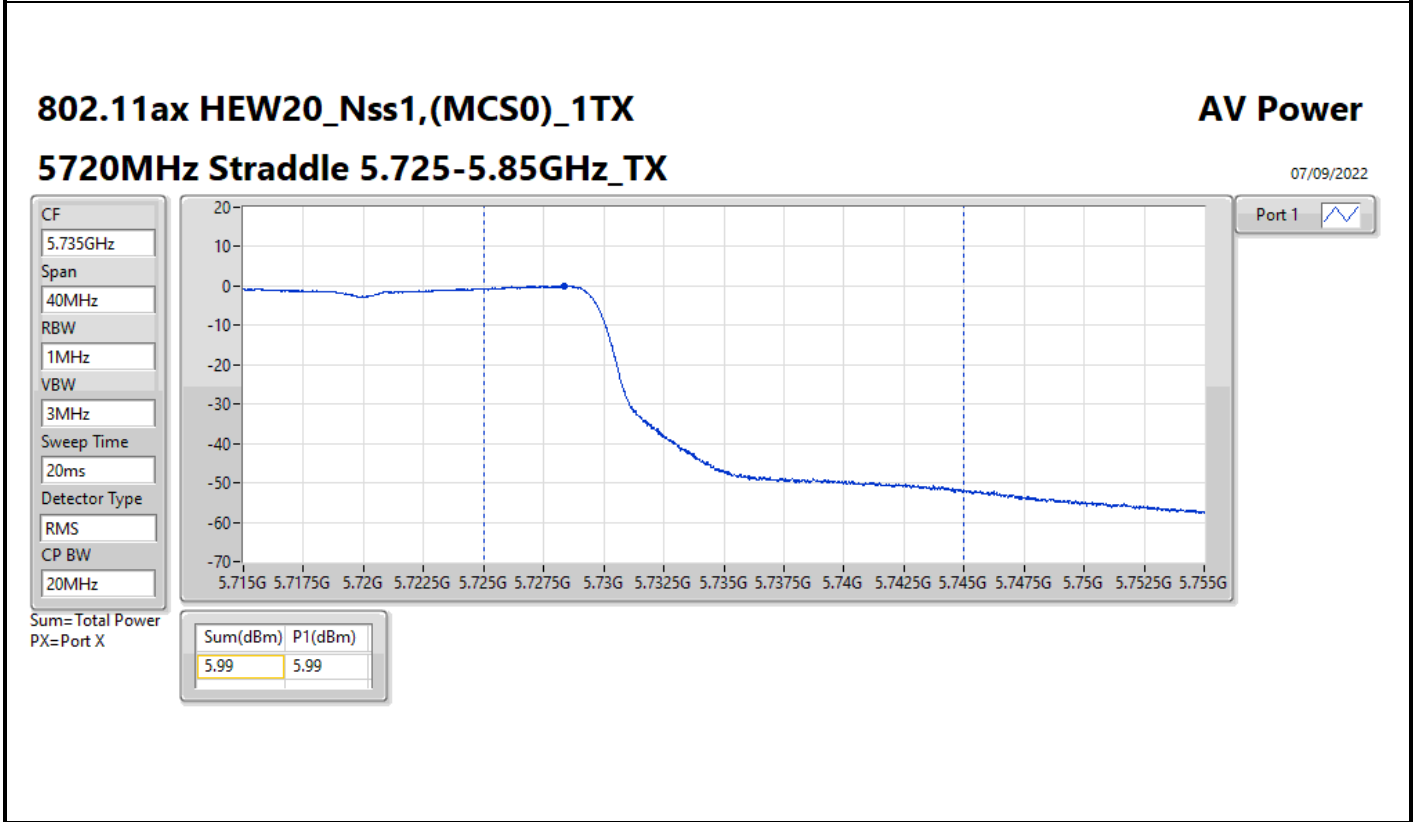
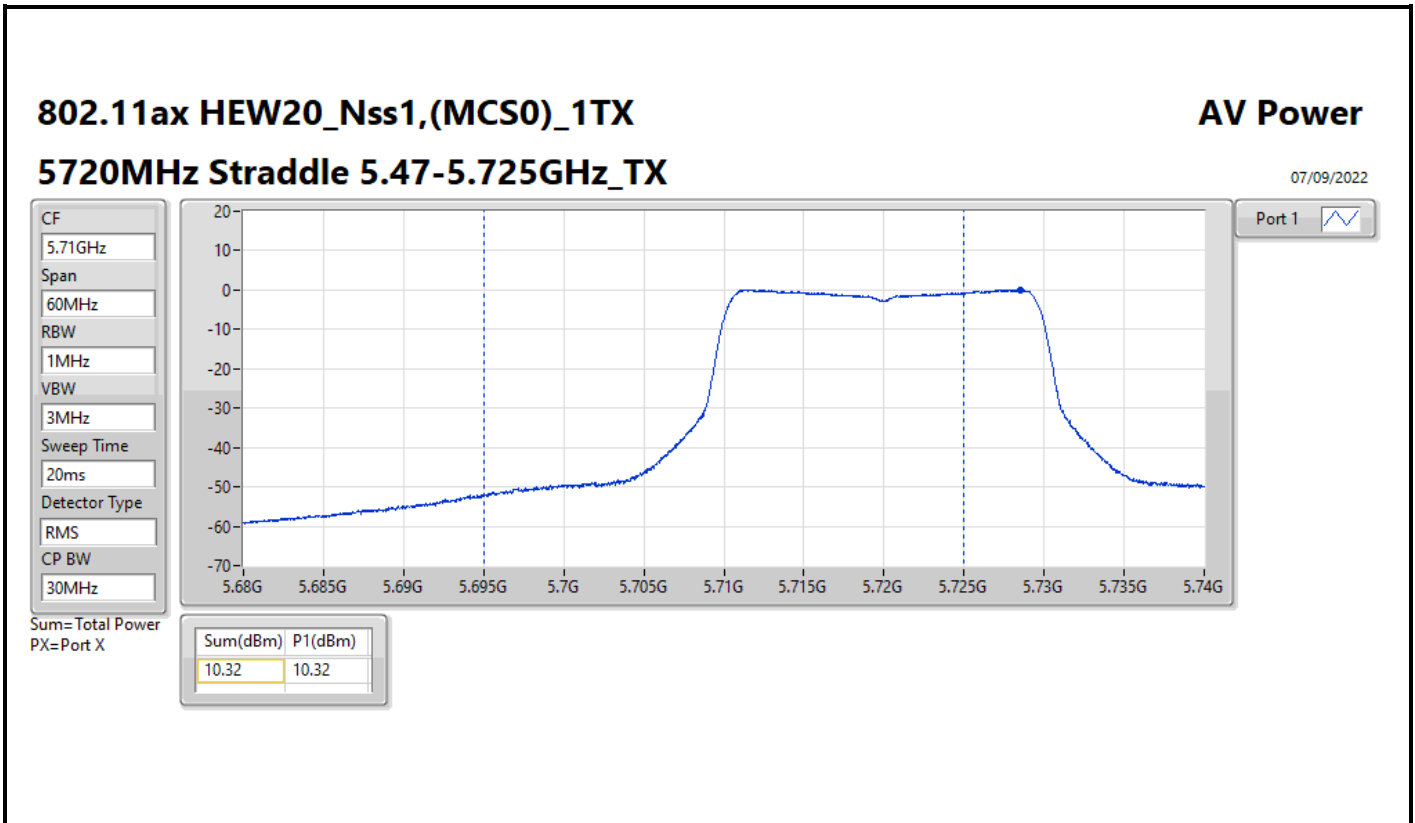
**Average Power_Pine R2_Antenna set 10_
Non beamforming mode_Outdoor_P to M**

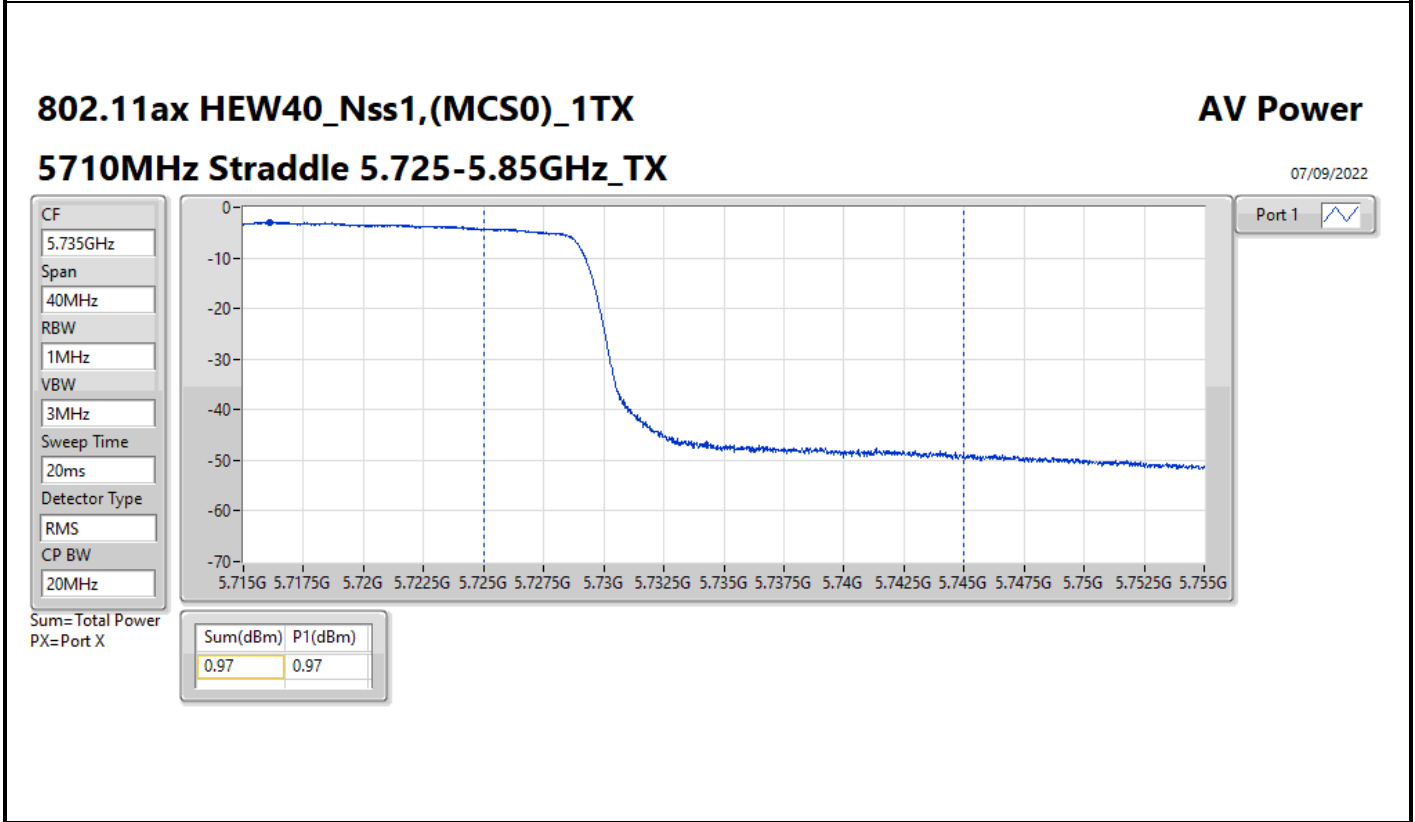
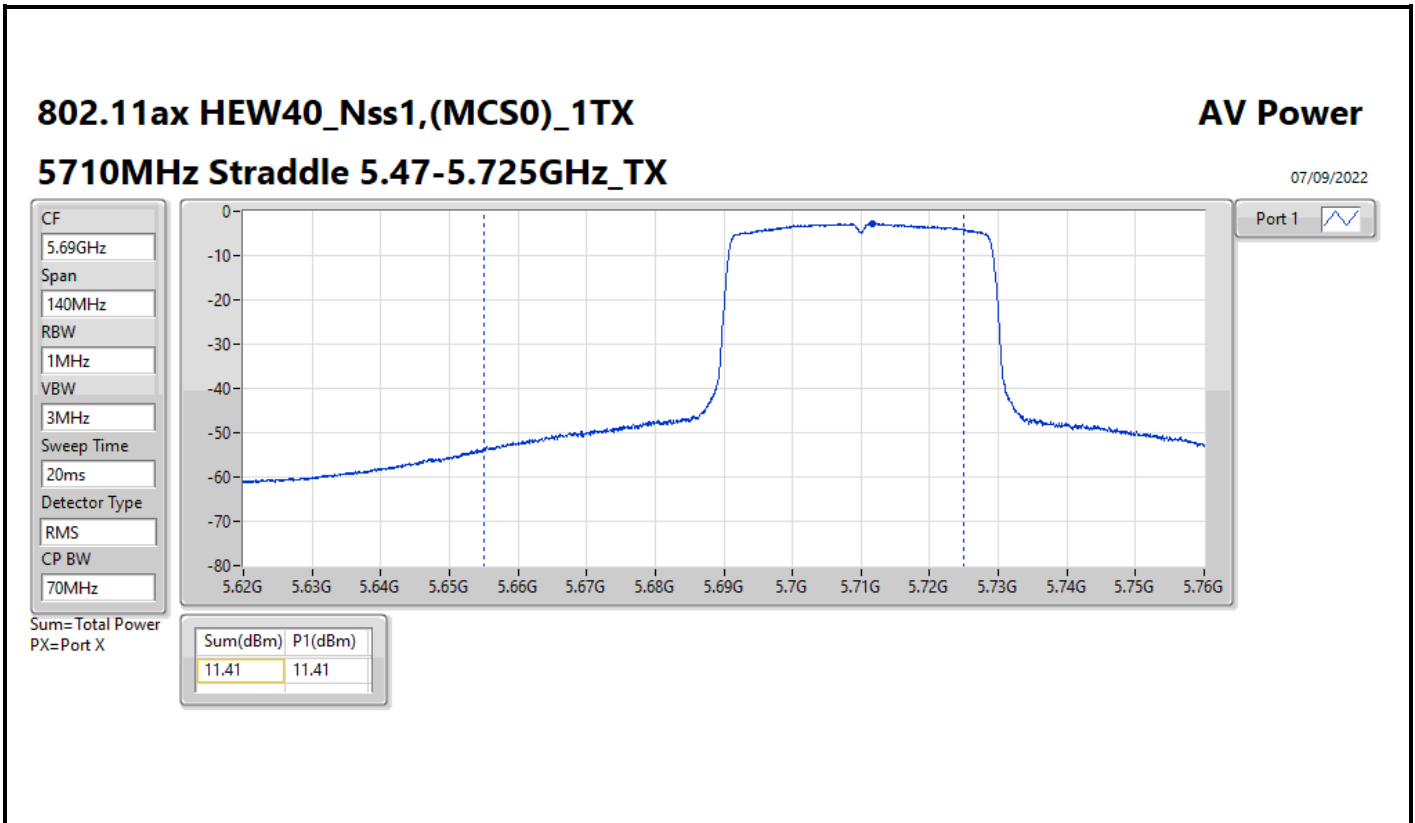
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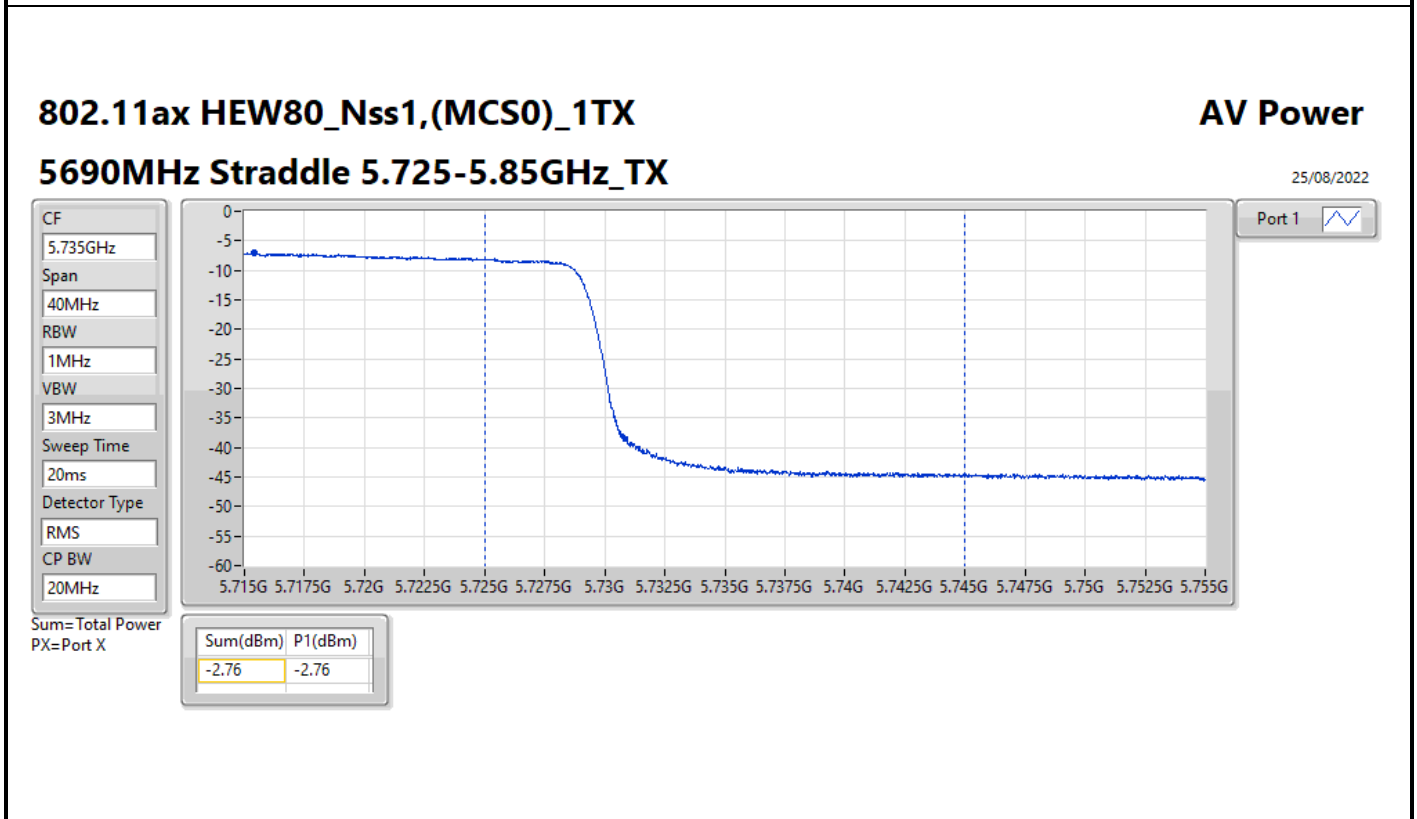
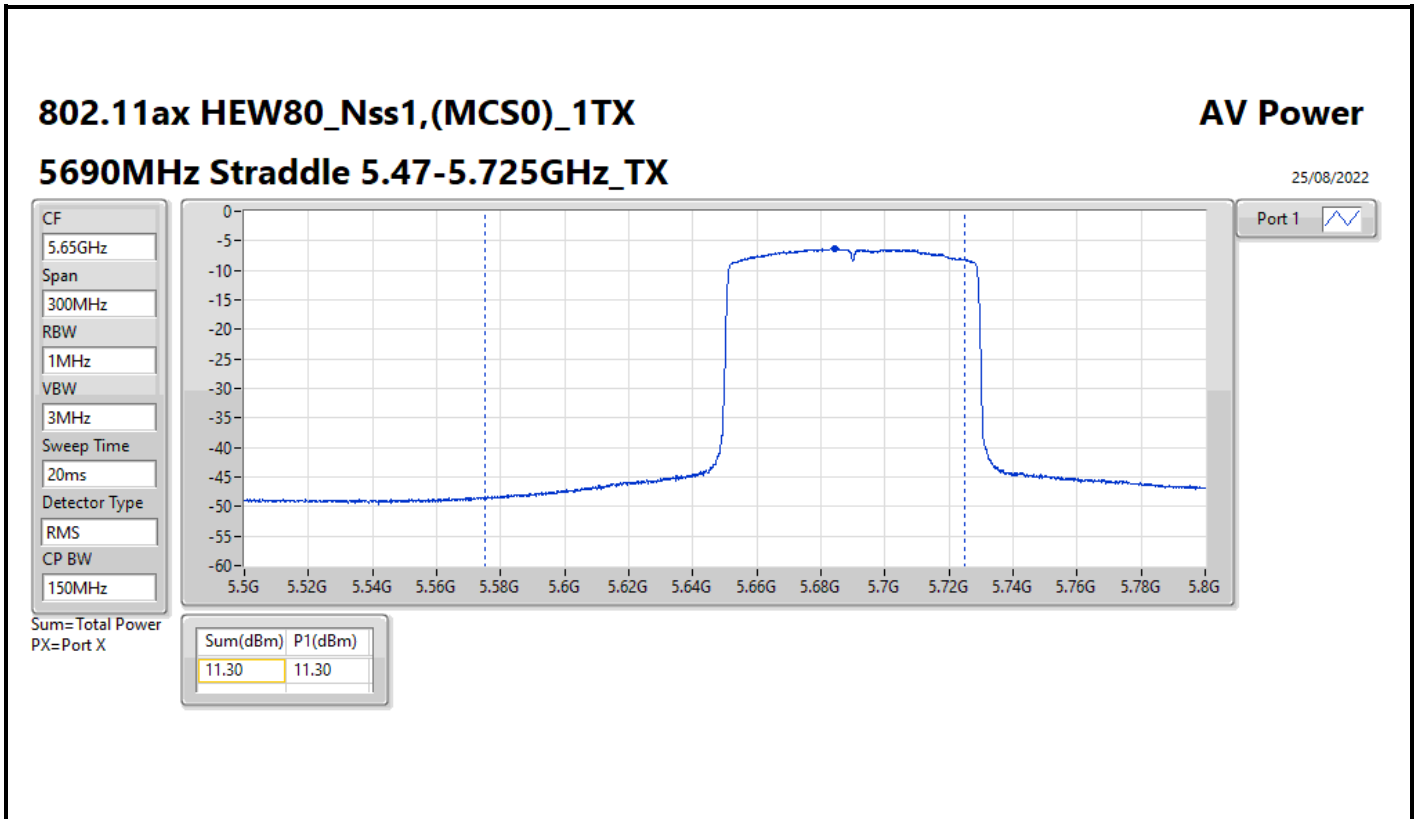
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
5570MHz	Pass	18.53	-0.54	4.22	4.87	4.44	9.72	11.45	28.25	30.00

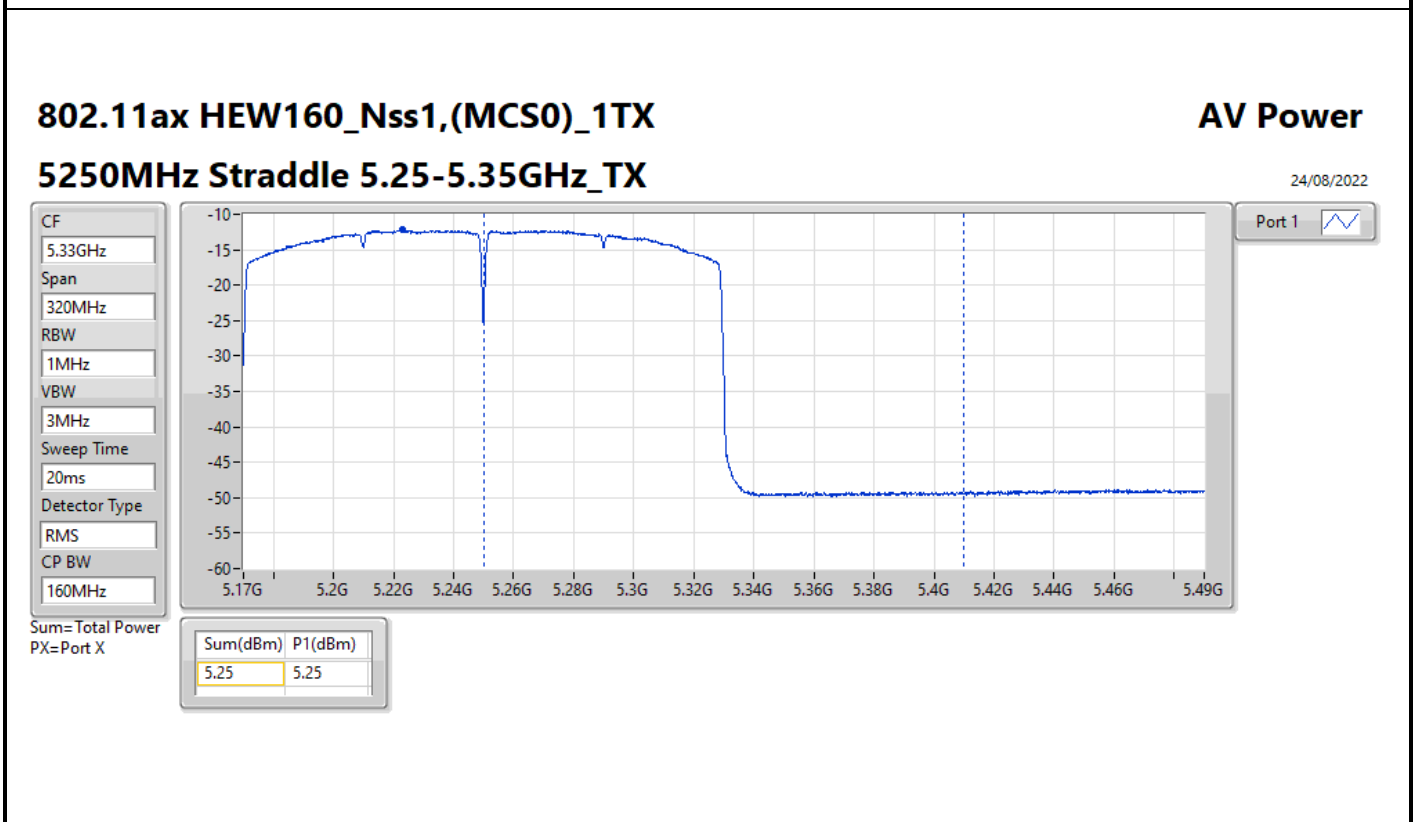
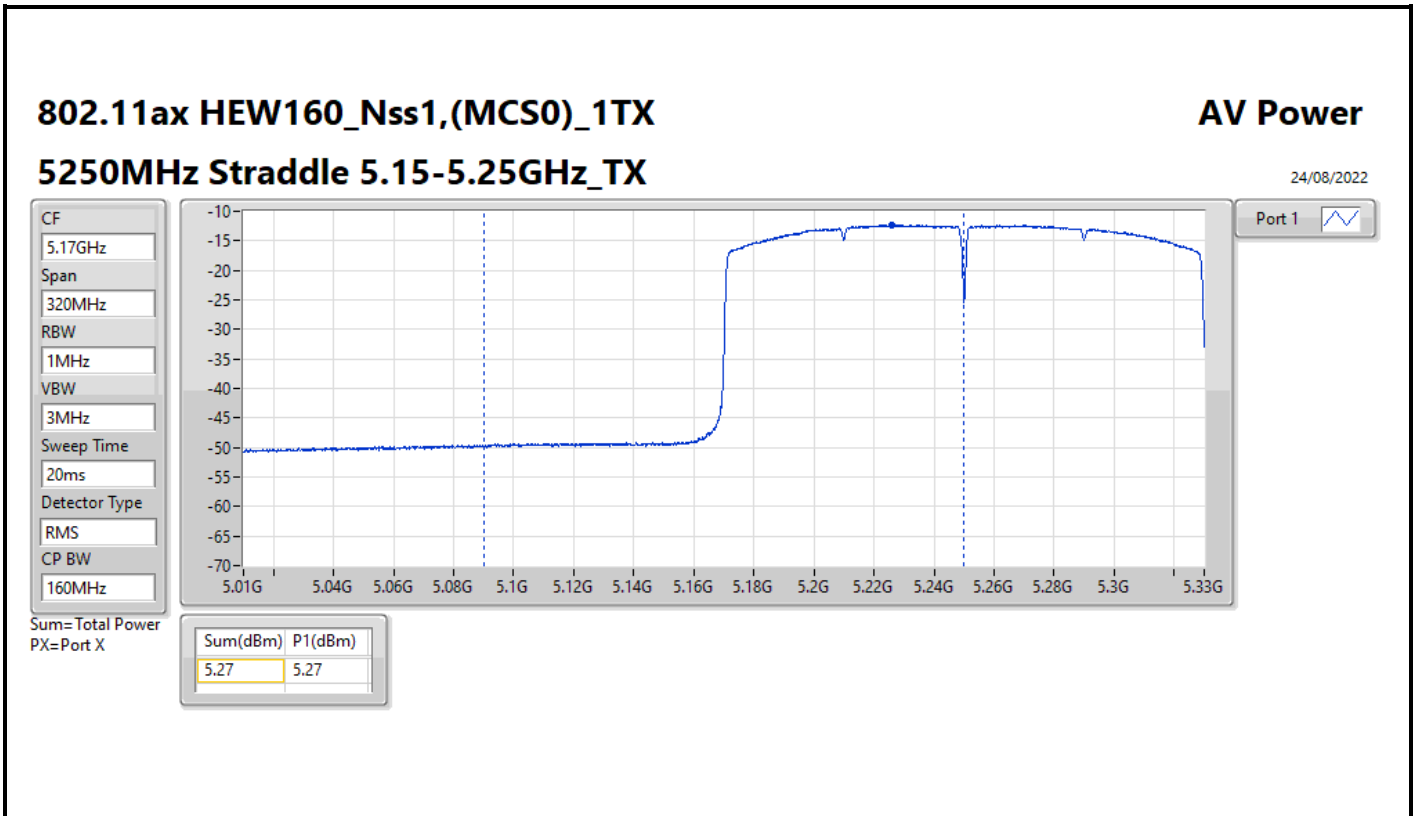
DG = Directional Gain; Port X = Port X output power

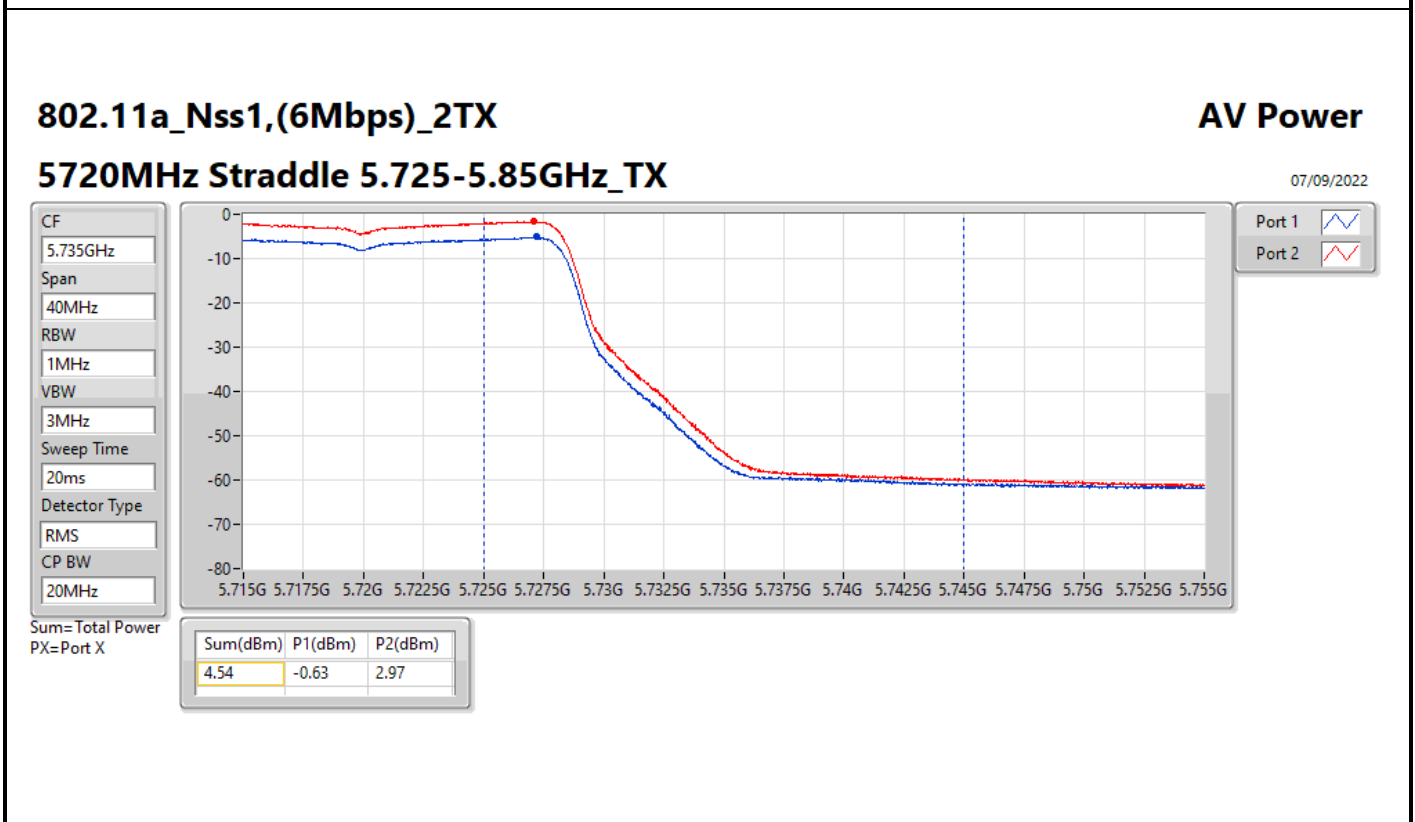
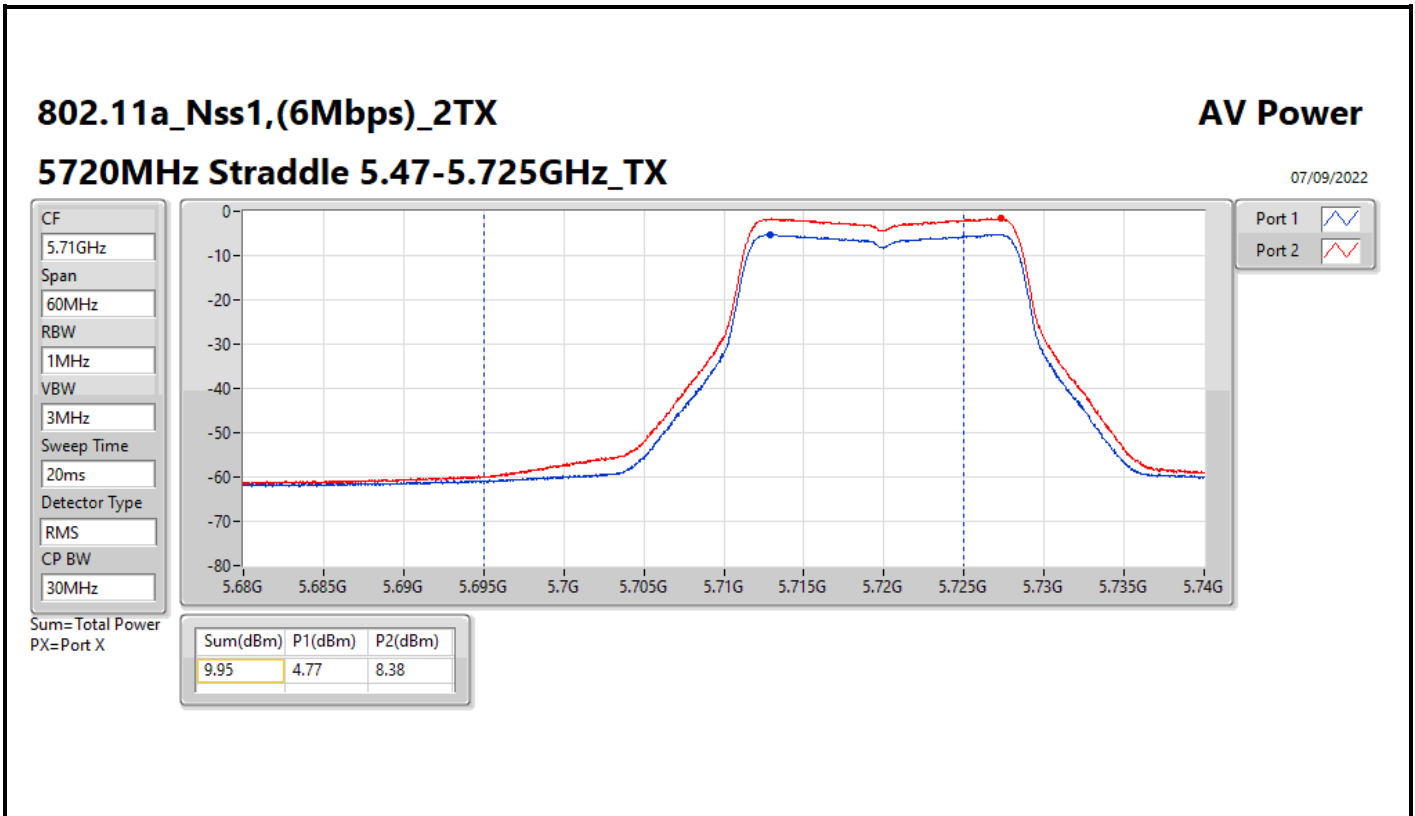


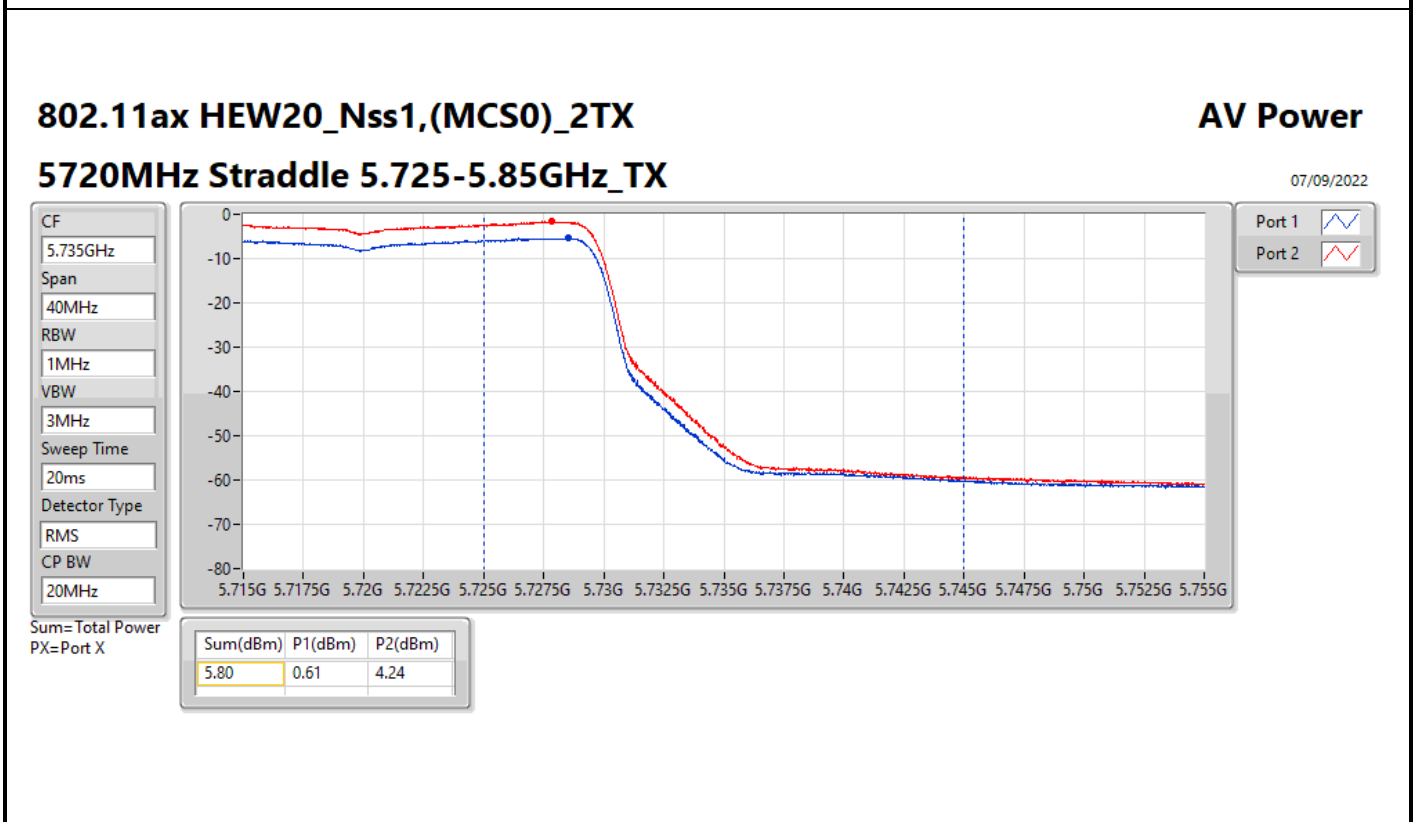
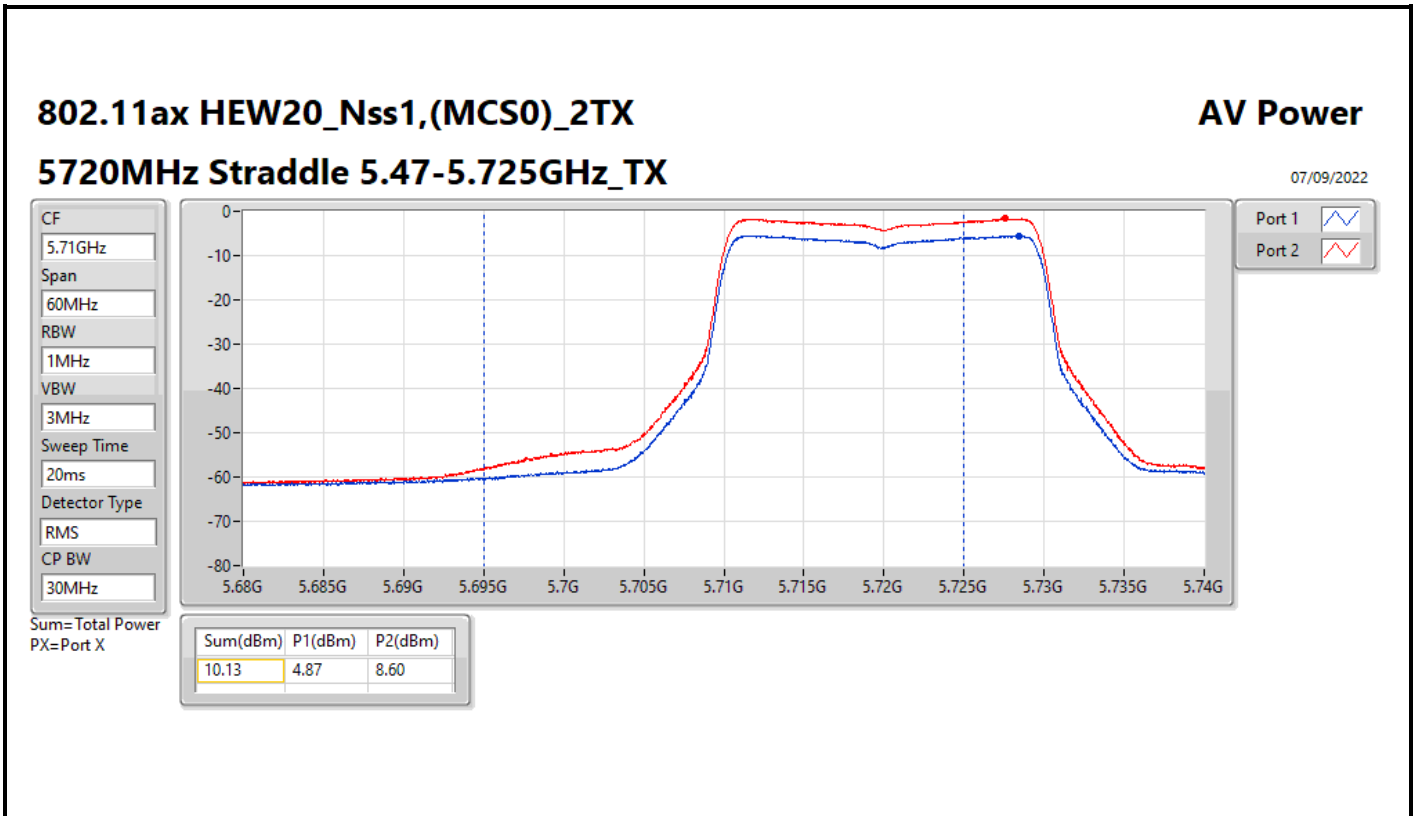


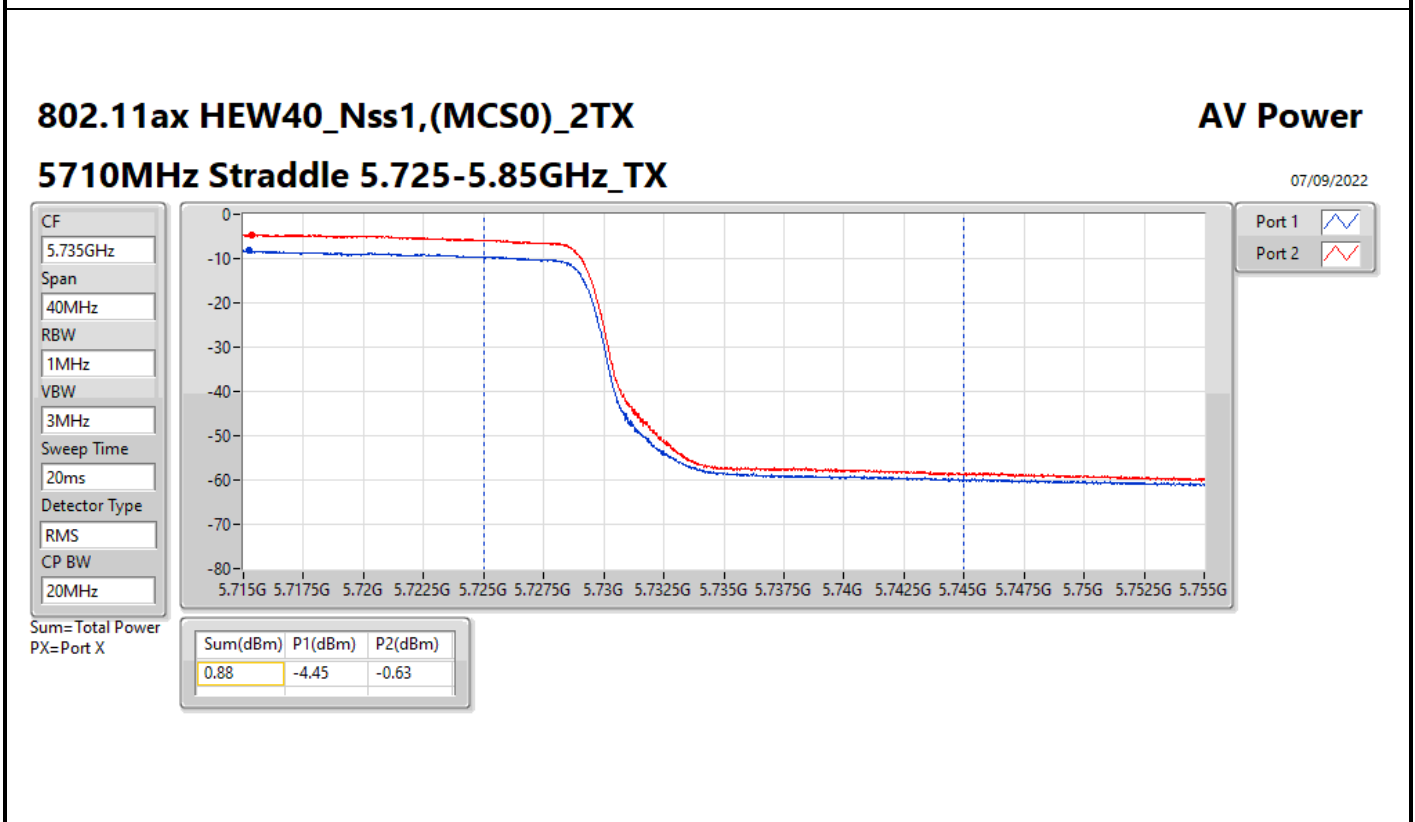
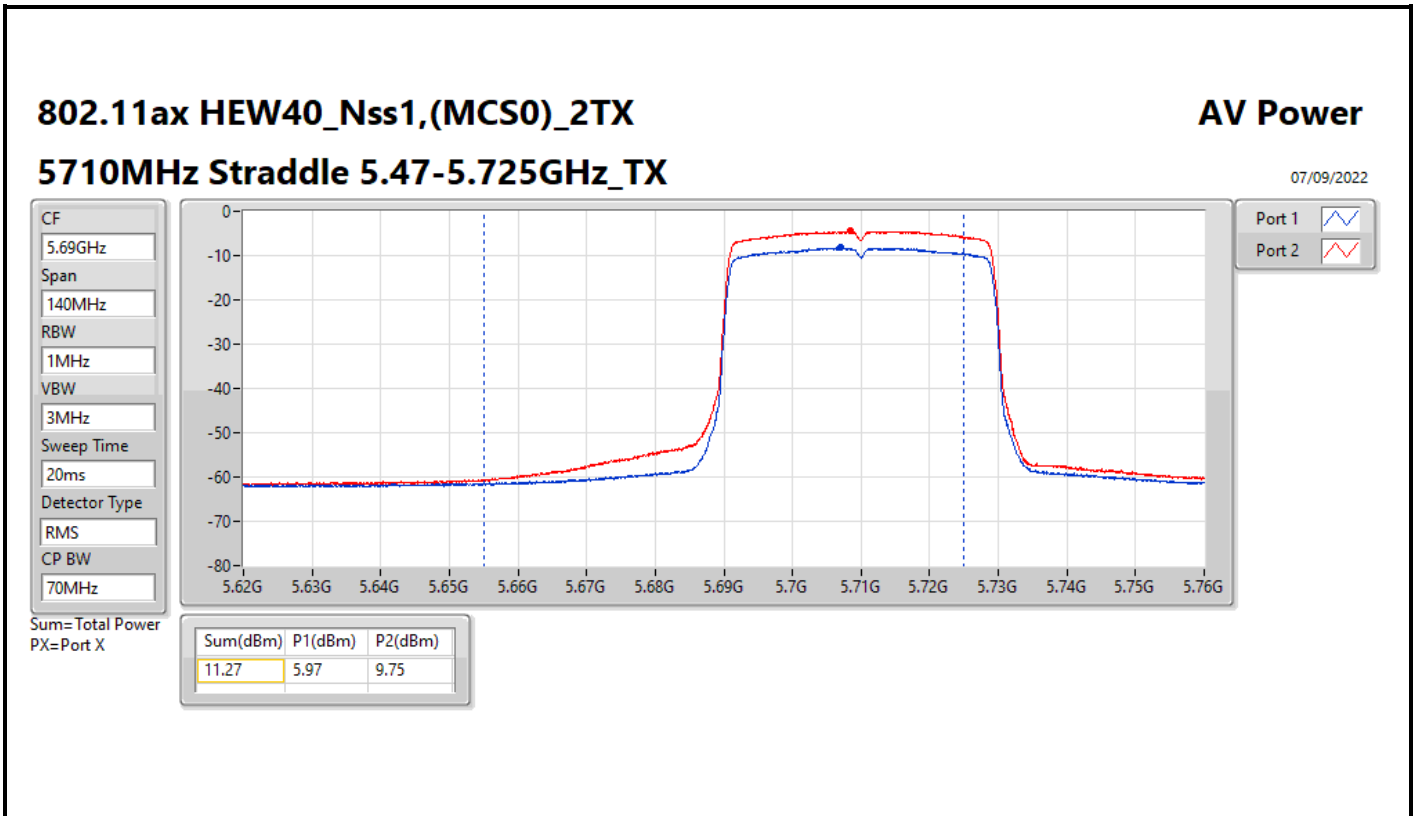


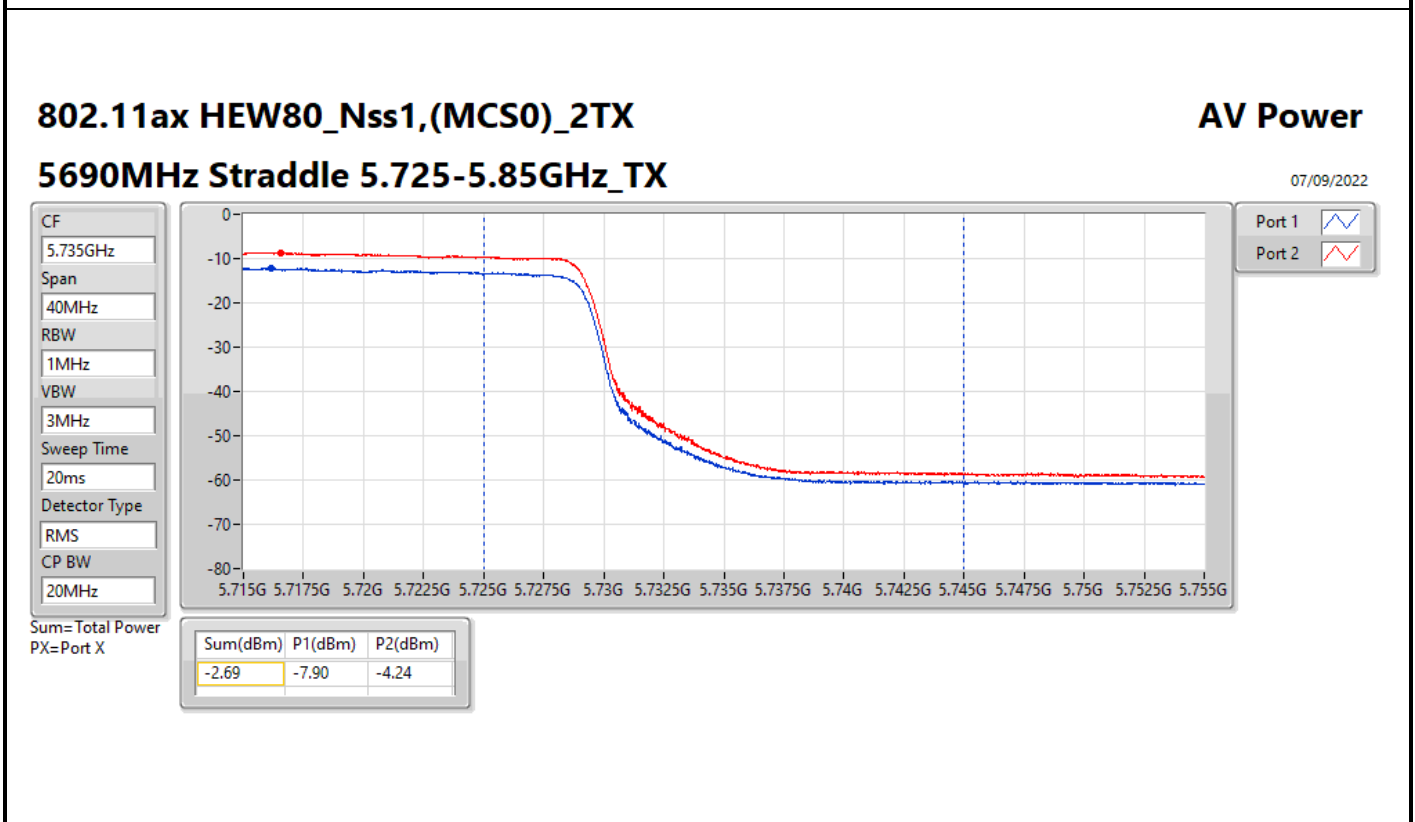
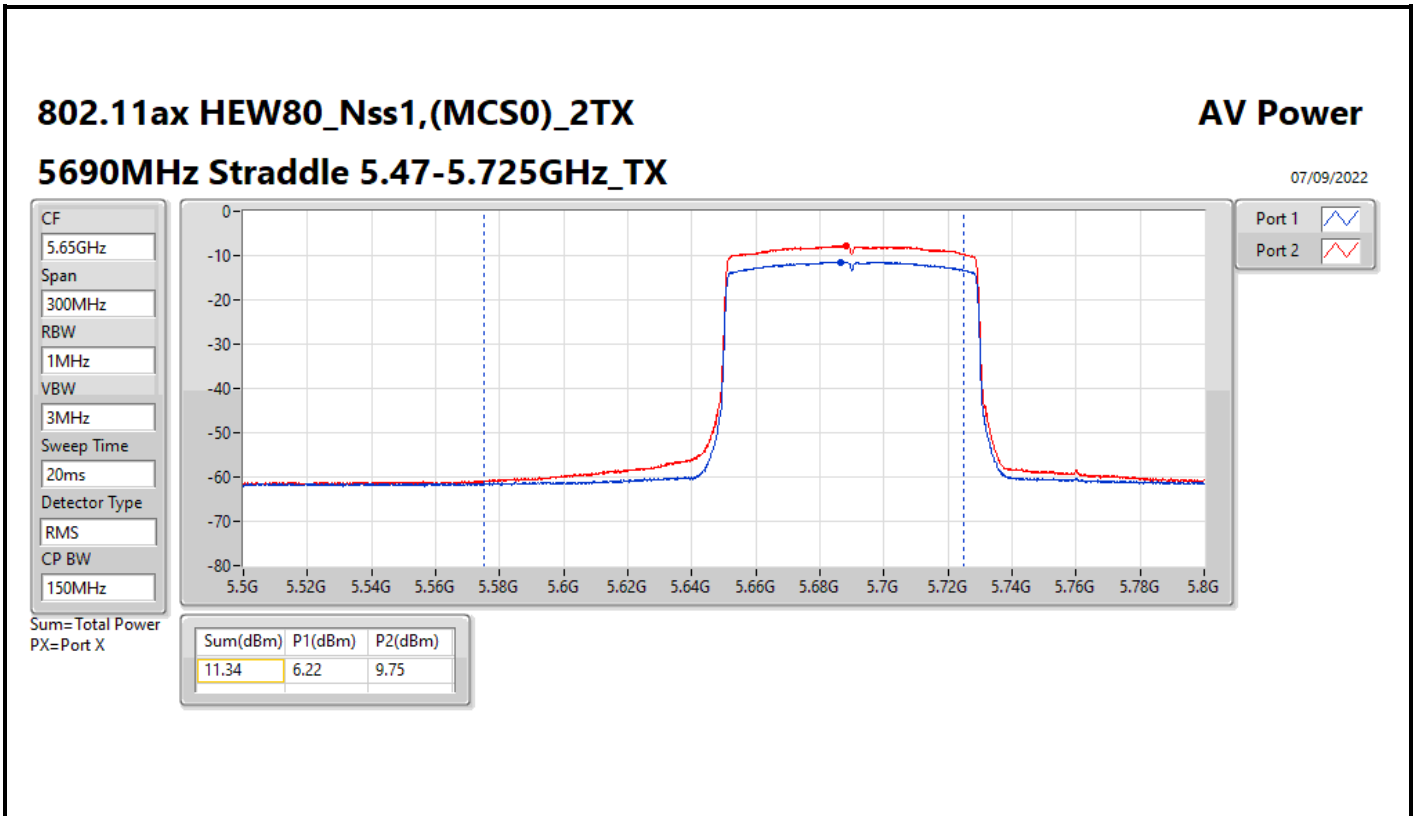


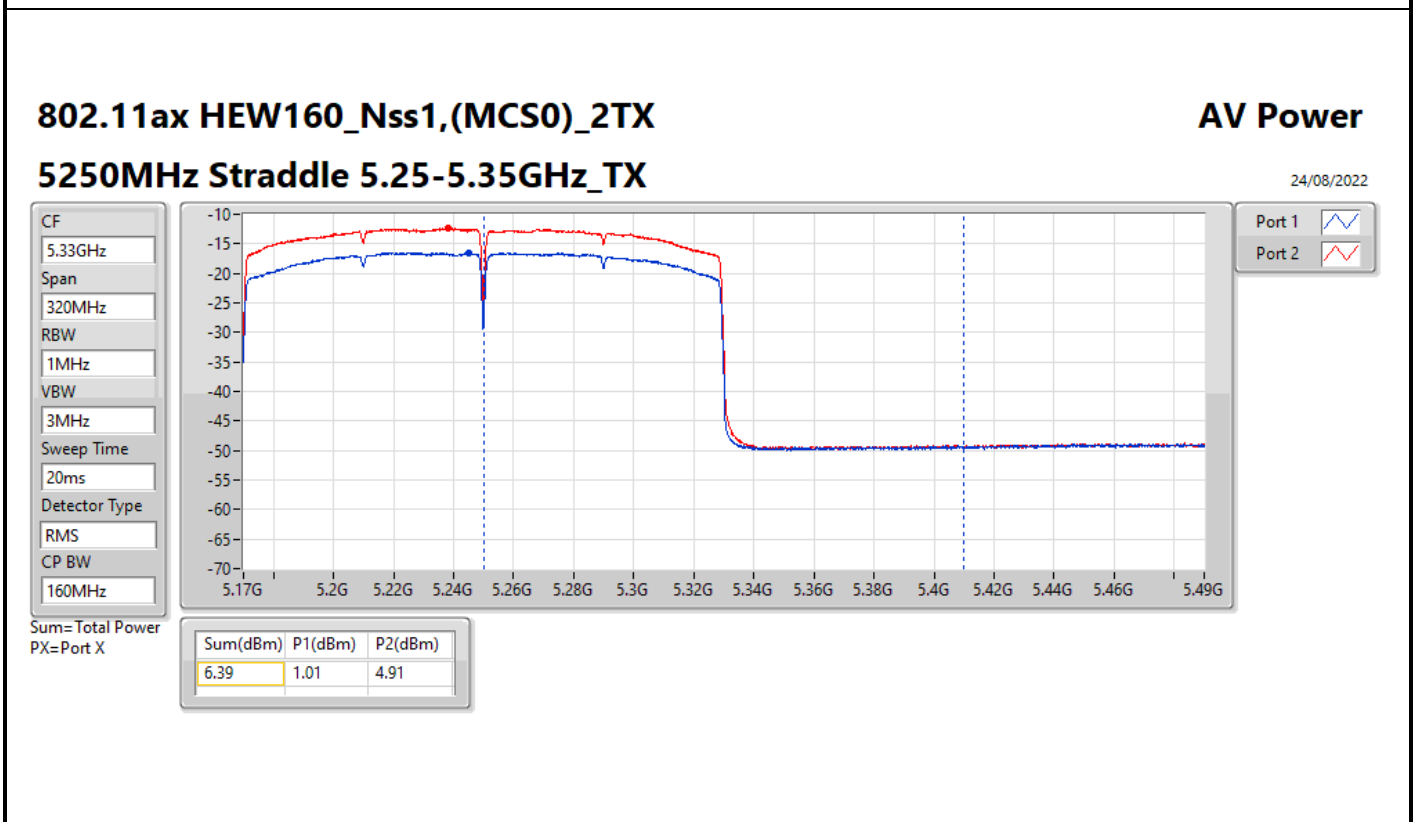
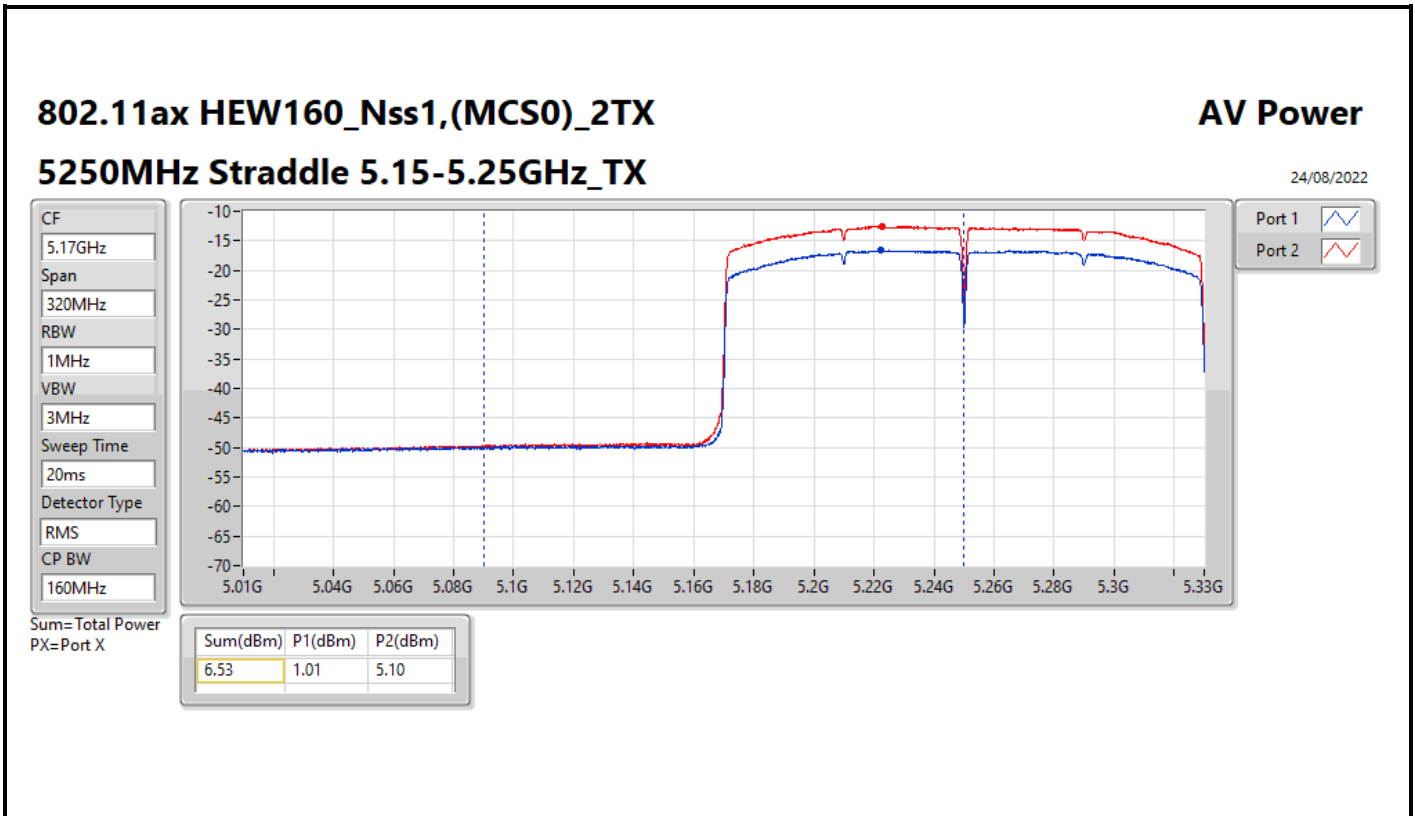


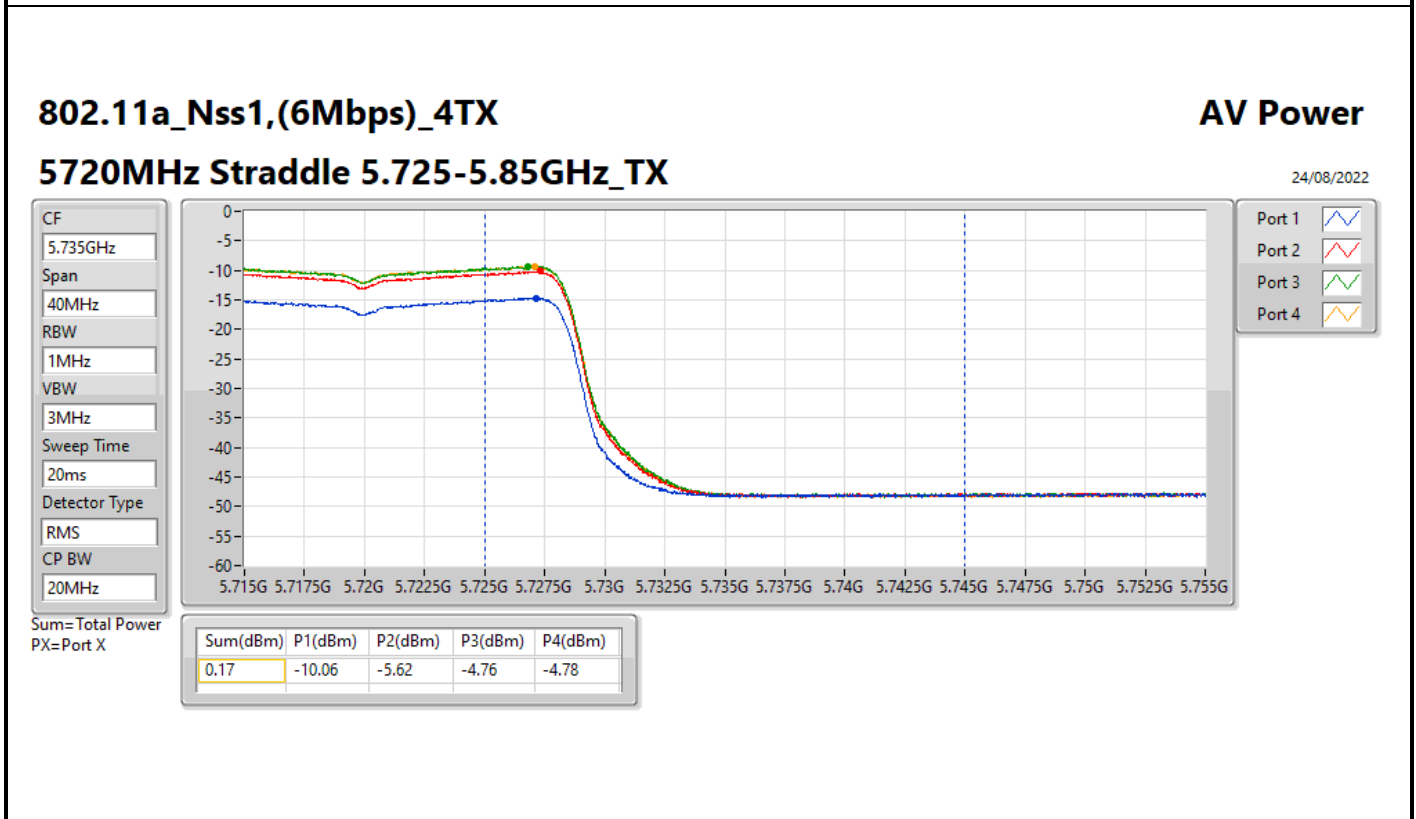
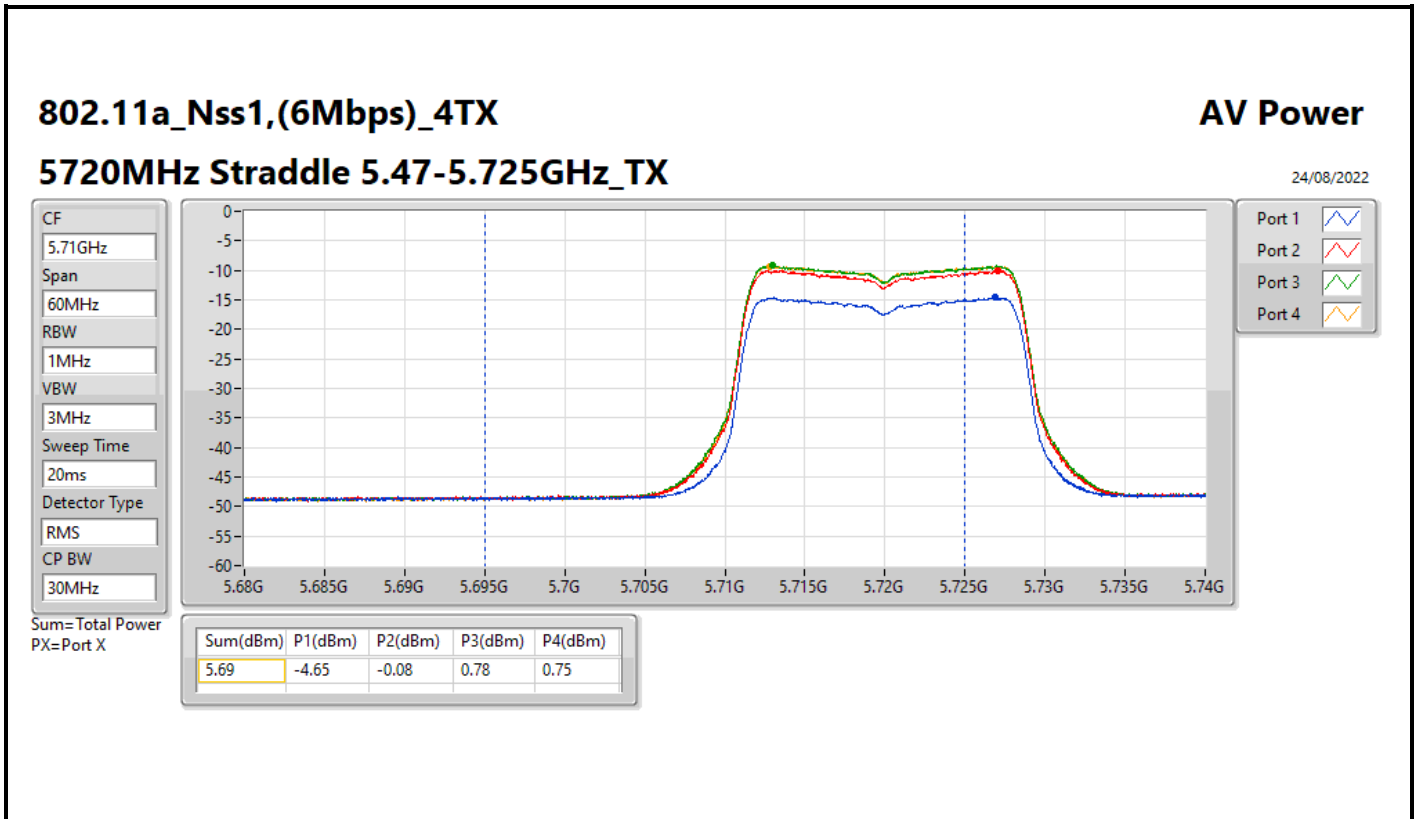


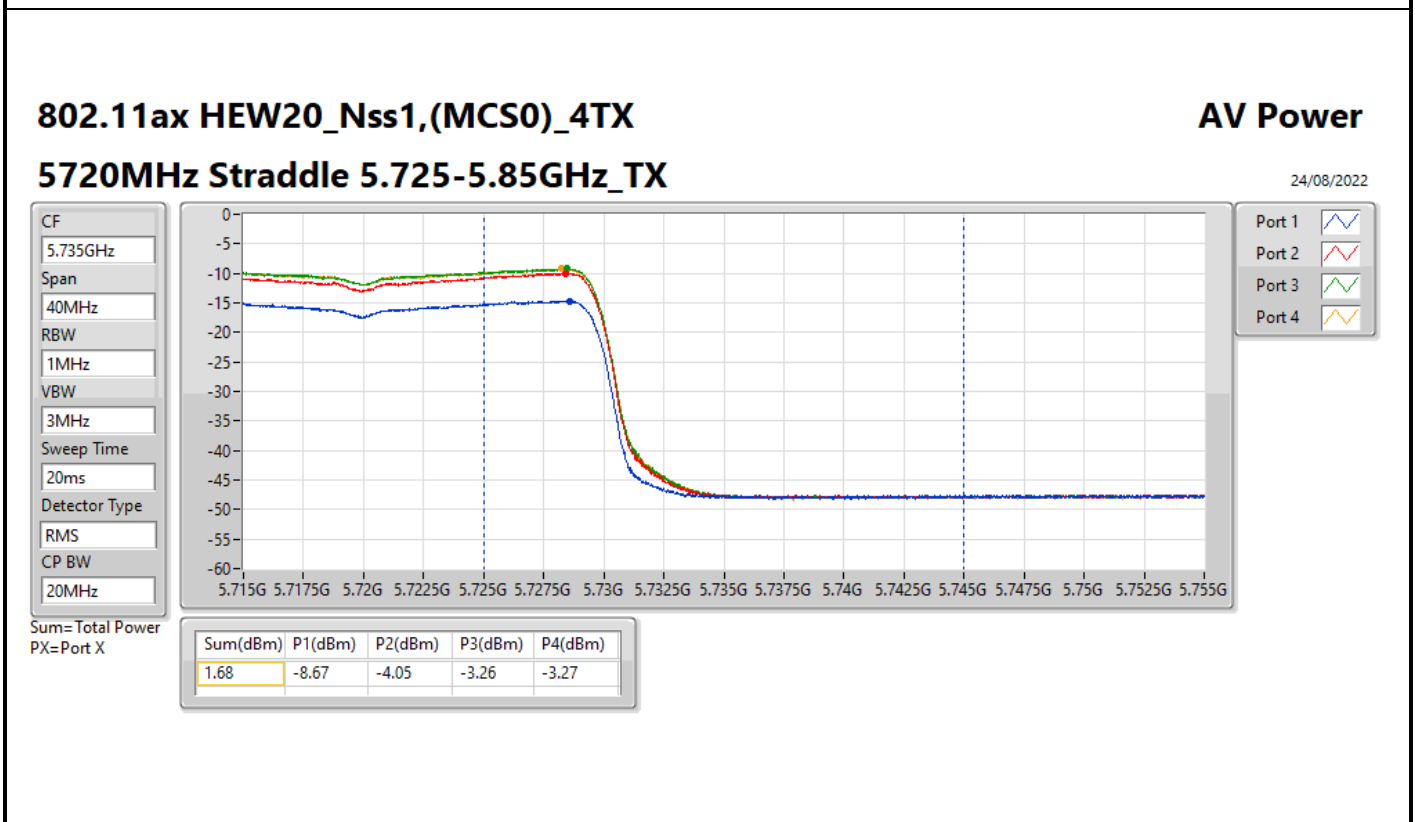
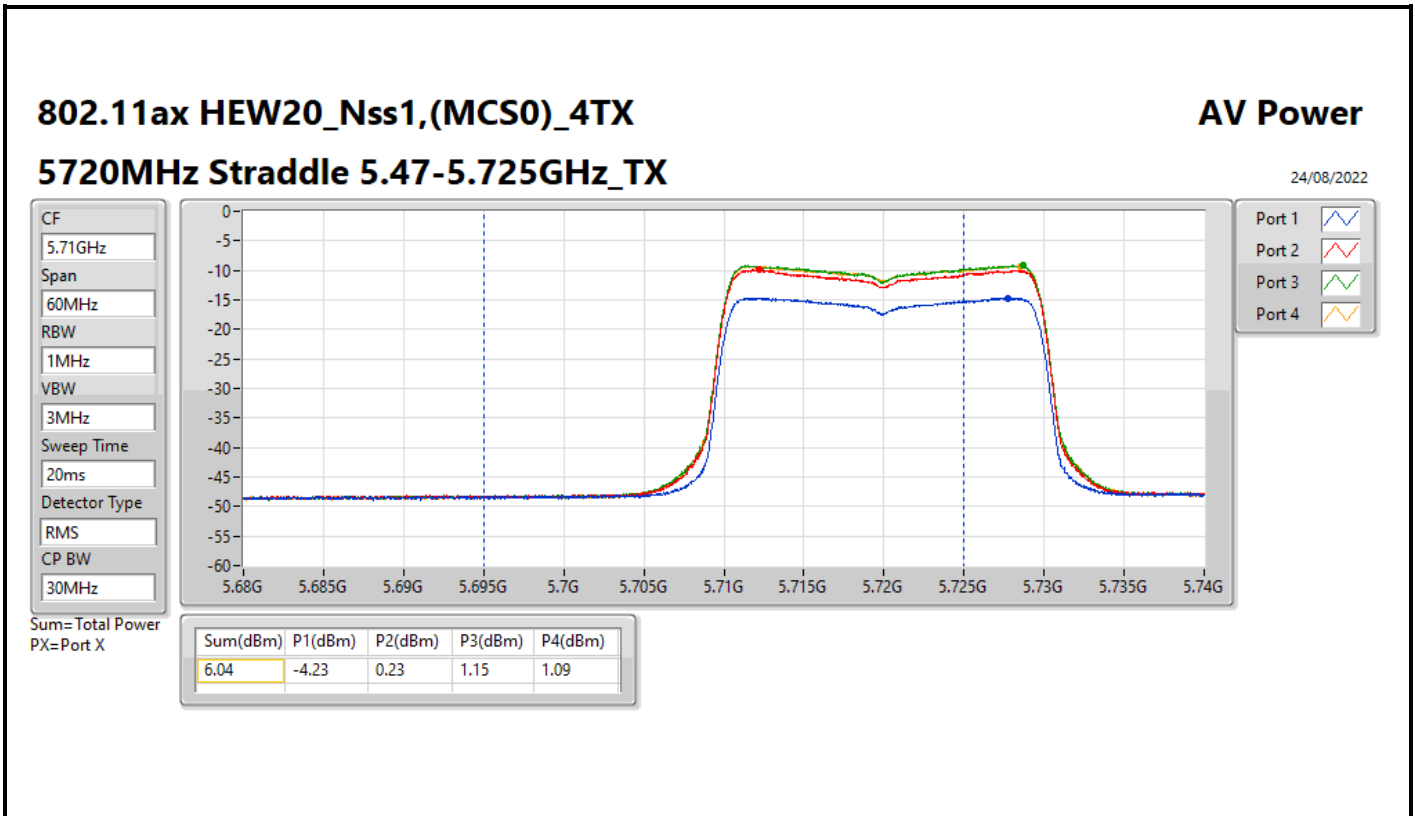


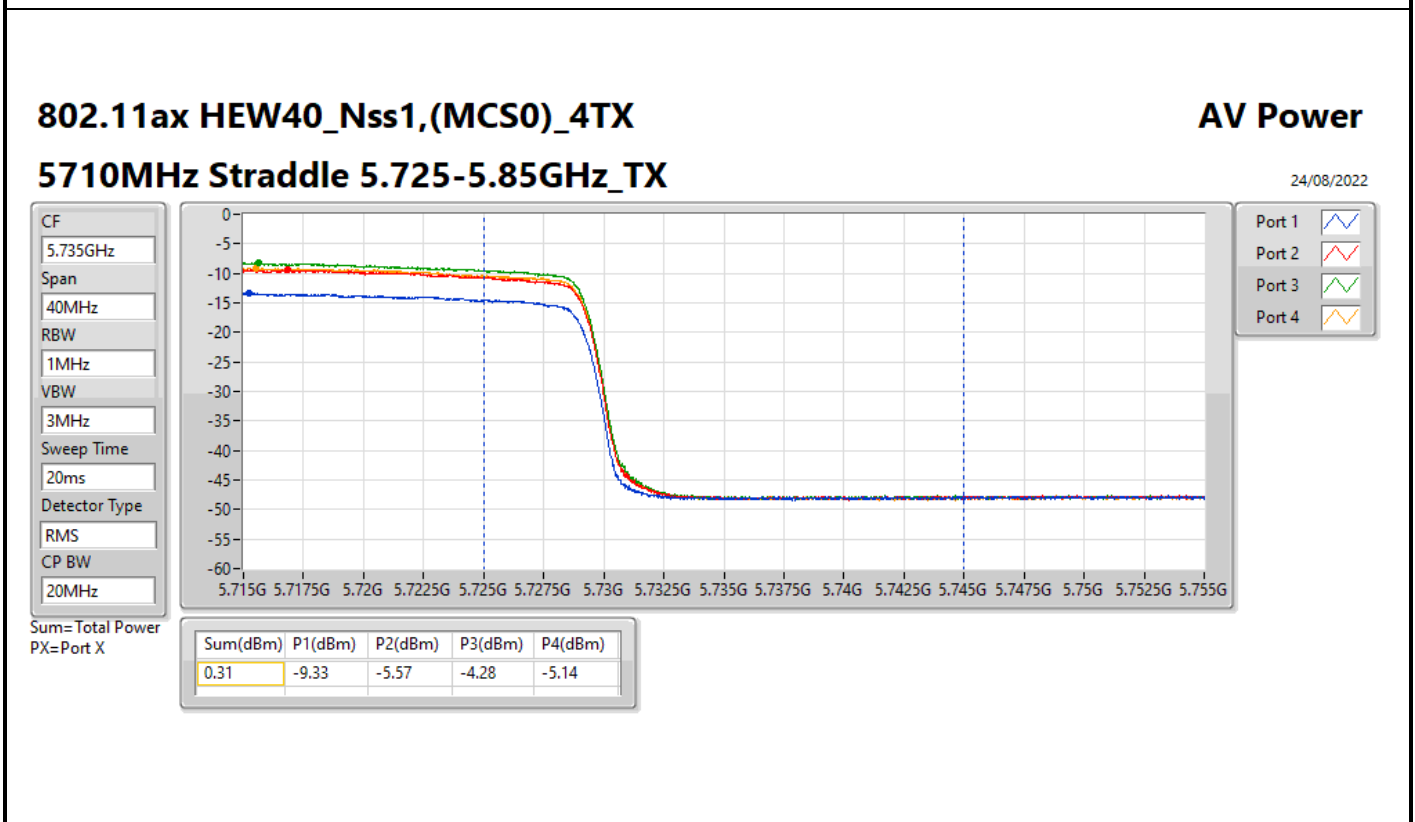
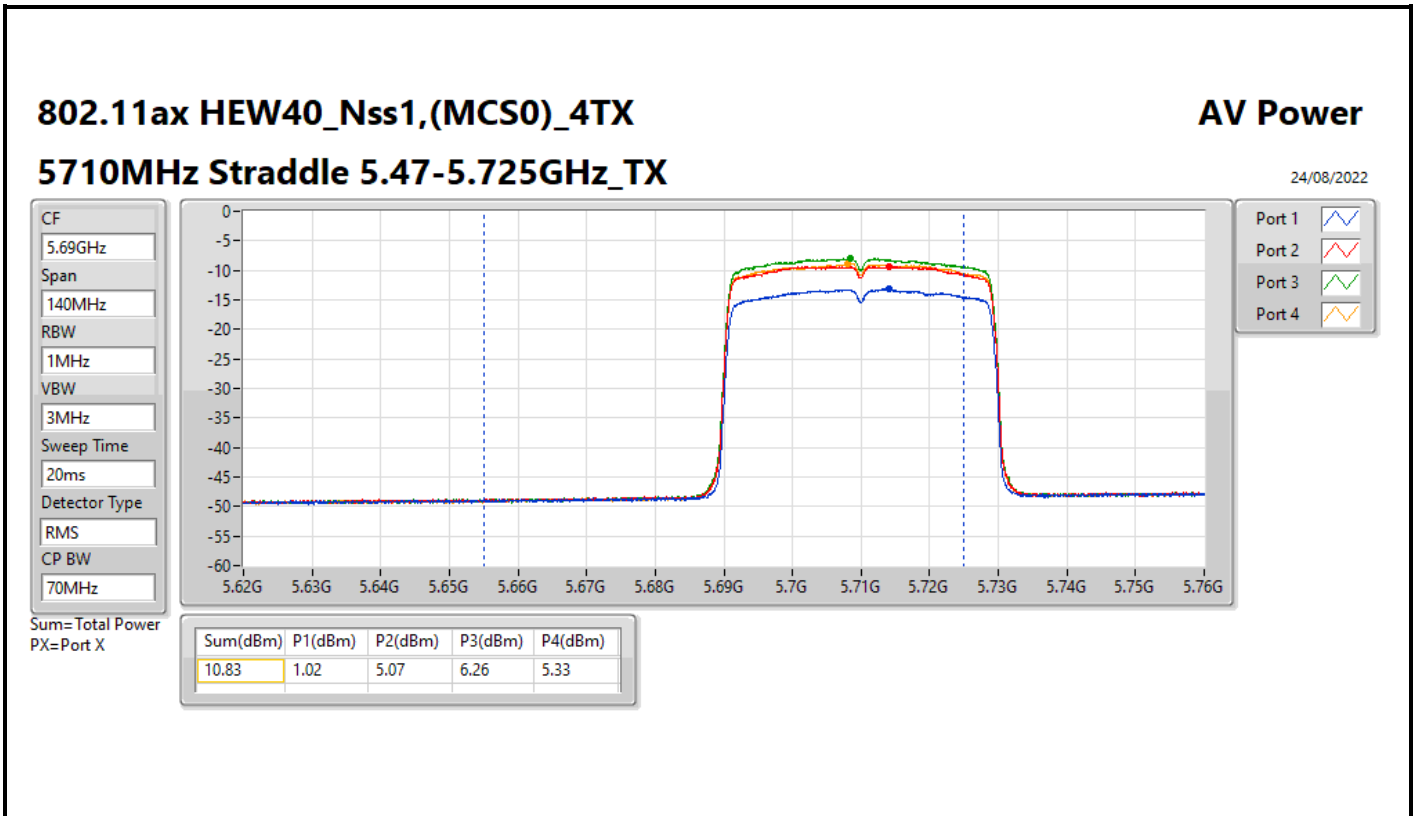


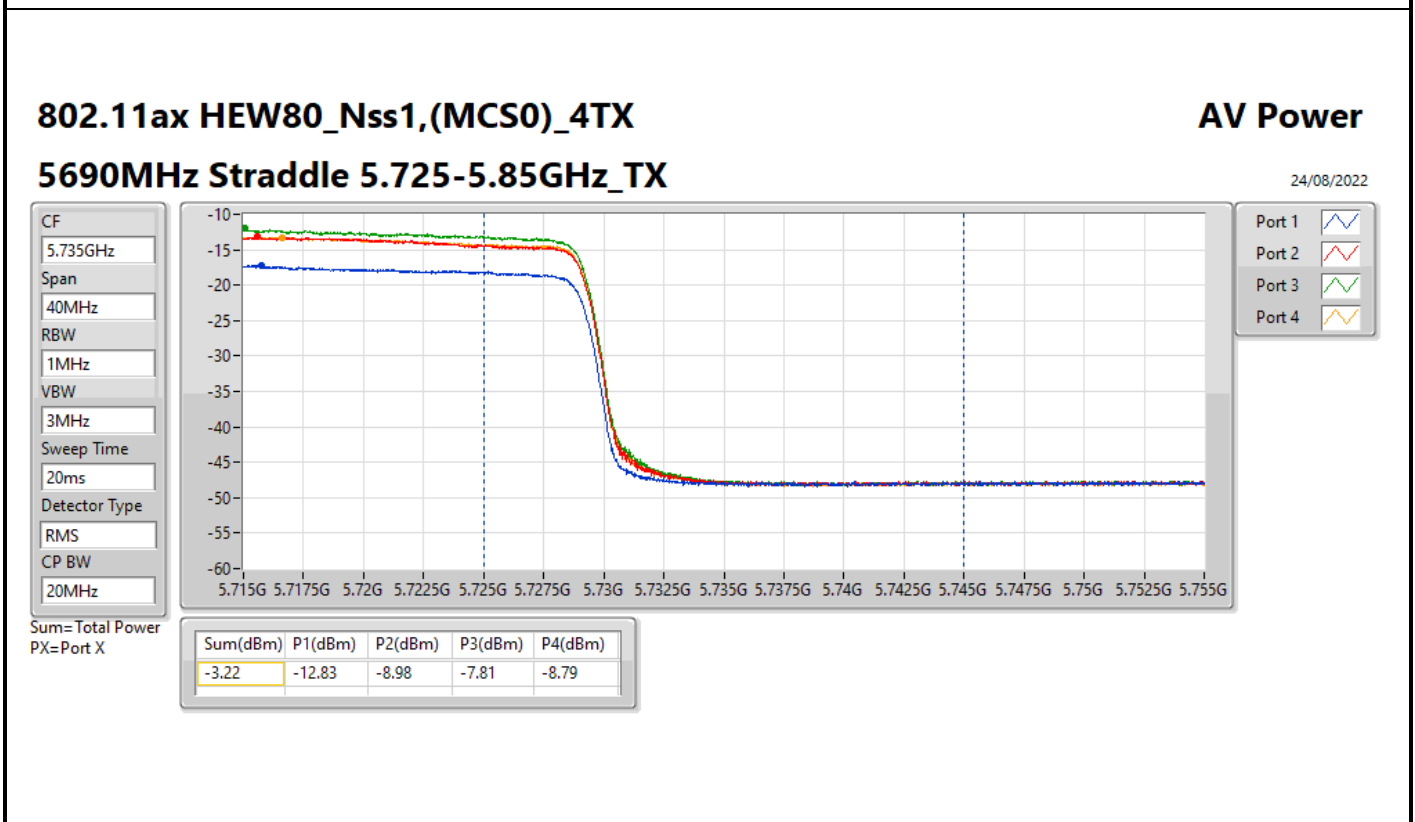
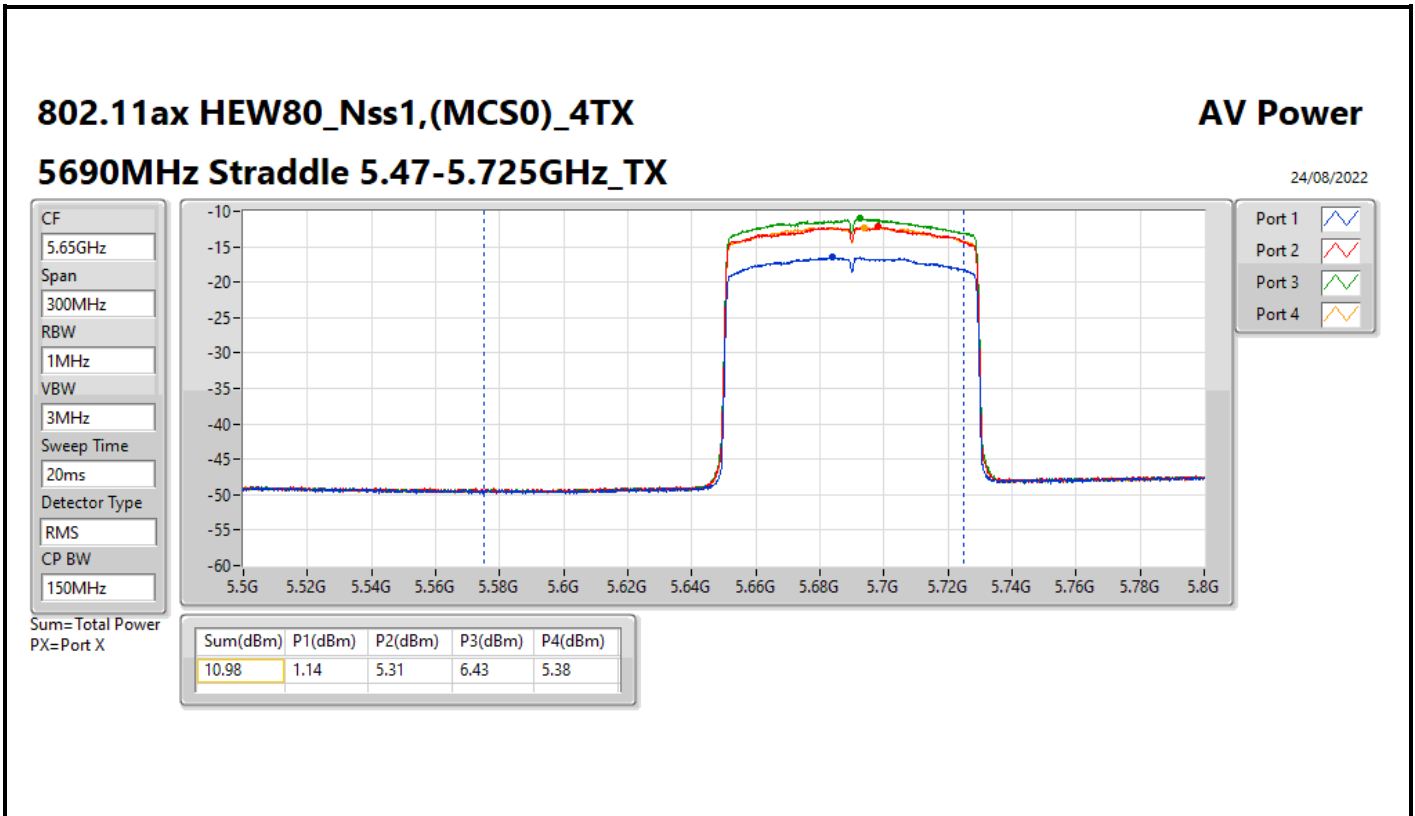


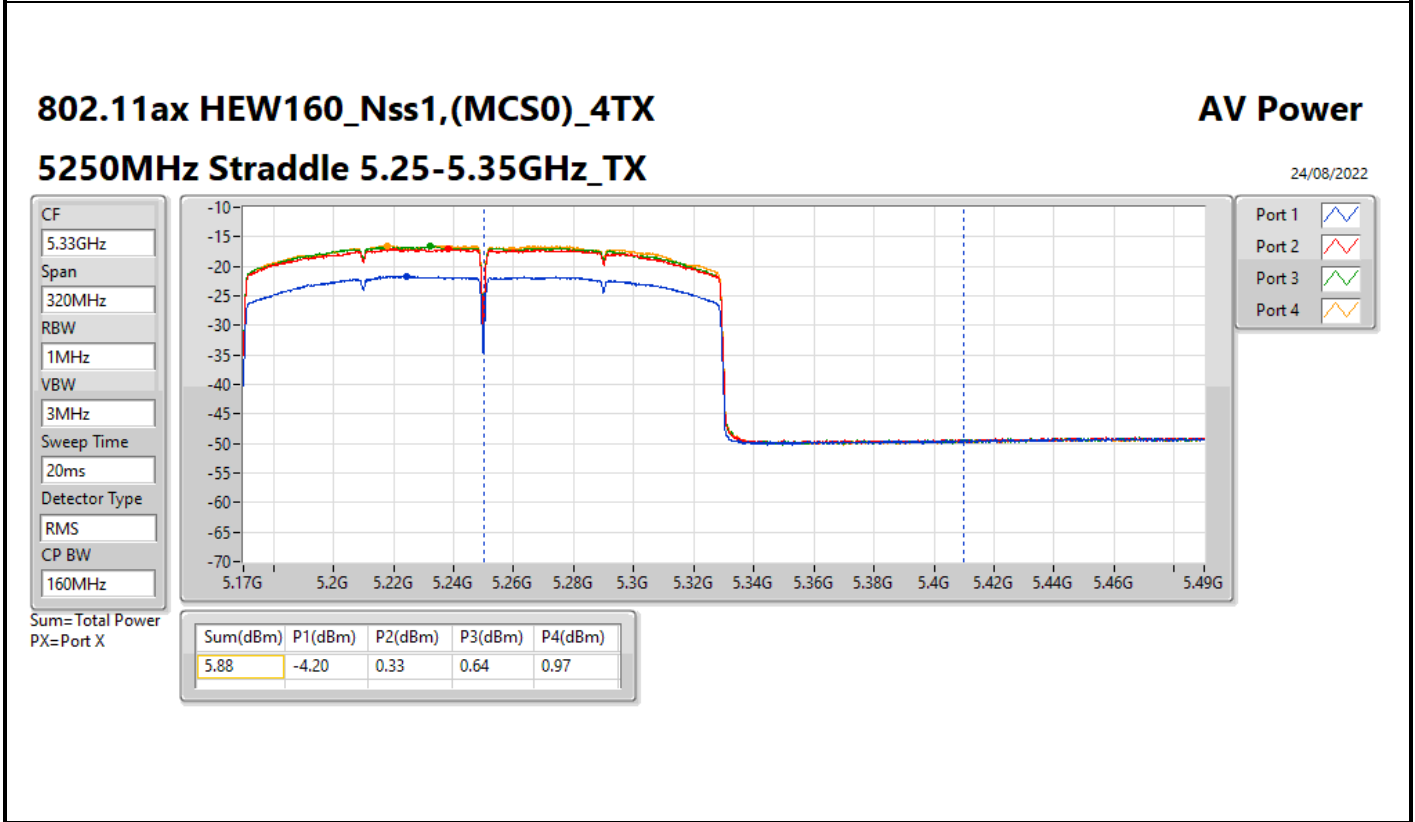
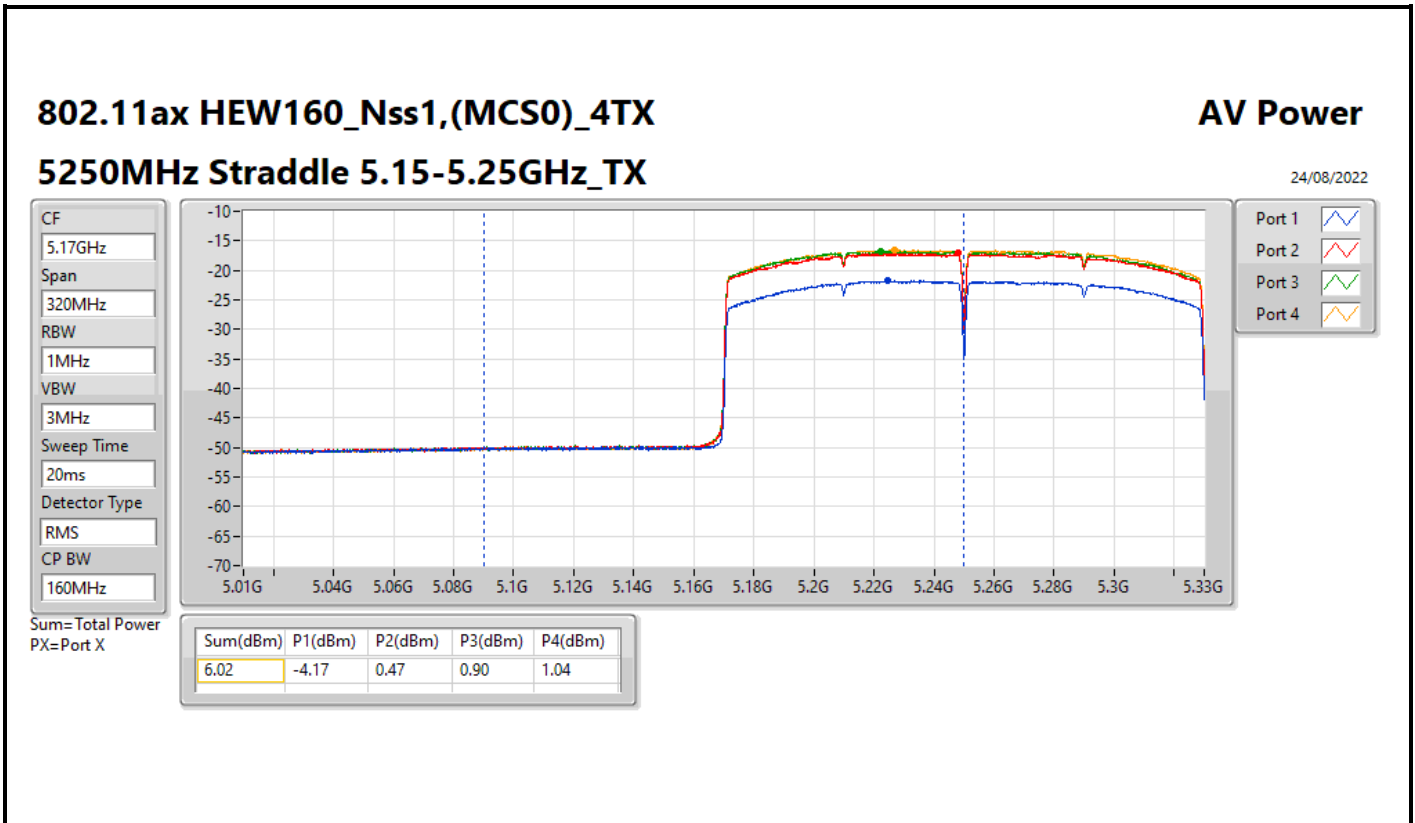














Average Power_Pine R2_Antenna set 10_Beamforming mode_
Outdoor_P to M

Appendix C.19

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	6.53	0.00450	25.06/0.56	0.32063/0.00114
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.39	0.01377	29.92	0.98175
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.17	0.00826	27.70	0.58884
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	11.09	0.01285	29.62	0.91622
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	6.39	0.00436	24.92	0.31046
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.04	0.01271	29.57	0.90573
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.43	0.01390	29.96	0.99083
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	11.34	0.01361	29.87	0.97051
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	10.35	0.01084	28.88	0.77268
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	5.80	0.00380	24.33	0.27102
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.88	0.00122	19.41	0.08730
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.69	0.00054	15.84	0.03837



Average Power_Pine R2_Antenna set 10_Beamforming mode_
Outdoor_P to M

Appendix C.19

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	5.76	9.5	11.03	11.45	29.56	Inf
5300MHz	Pass	18.53	6.01	9.9	11.39	11.45	29.92	Inf
5320MHz	Pass	18.53	4.94	9.18	10.57	11.45	29.10	Inf
5500MHz	Pass	18.53	5.38	9.13	10.66	11.45	29.19	Inf
5580MHz	Pass	18.53	5.53	9.23	10.77	11.45	29.30	Inf
5700MHz	Pass	18.53	5.74	9.52	11.04	11.45	29.57	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	4.87	8.6	10.13	10.51	28.66	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	0.61	4.24	5.80	17.47	24.33	Inf
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	3.66	7.73	9.17	11.45	27.70	Inf
5310MHz	Pass	18.53	2.61	7.2	8.50	11.45	27.03	Inf
5510MHz	Pass	18.53	6.27	9.82	11.41	11.45	29.94	Inf
5550MHz	Pass	18.53	6.32	9.81	11.42	11.45	29.95	Inf
5670MHz	Pass	18.53	5.94	9.99	11.43	11.45	29.96	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	5.97	9.75	11.27	11.45	29.80	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-4.45	-0.63	0.88	17.47	19.41	Inf
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	5.43	9.72	11.09	11.45	29.62	Inf
5530MHz	Pass	18.53	5.19	9.13	10.60	11.45	29.13	Inf
5610MHz	Pass	18.53	4.41	10.08	11.12	11.45	29.65	Inf
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	6.22	9.75	11.34	11.45	29.87	Inf
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-7.9	-4.24	-2.69	17.47	15.84	Inf
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	18.53	1.01	5.1	6.53	17.47	25.06/0.56	36.00/21.00
5250MHz Straddle 5.25-5.35GHz	Pass	18.53	1.01	4.91	6.39	11.45	24.92	Inf
5570MHz	Pass	18.53	4.89	8.9	10.35	11.45	28.88	Inf

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



Average Power_Pine R2_Antenna set 10_Beamforming mode_
Outdoor_P to M

Appendix C.20

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	6.02	0.00400	27.56/3.06	0.57016/0.00202
5.25-5.35GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.80	0.00603	29.34	0.85901
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.15	0.00653	29.69	0.93111
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	8.01	0.00632	29.55	0.90157
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	5.88	0.00387	27.42	0.55208
5.47-5.725GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.00	0.00631	29.54	0.89950
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.43	0.00697	29.97	0.99312
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	8.32	0.00679	29.86	0.96828
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	8.02	0.00634	29.56	0.90365
5.725-5.85GHz	-	-	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	1.68	0.00147	23.22	0.20989
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-2.14	0.00061	19.40	0.08710
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-5.88	0.00026	15.66	0.03681



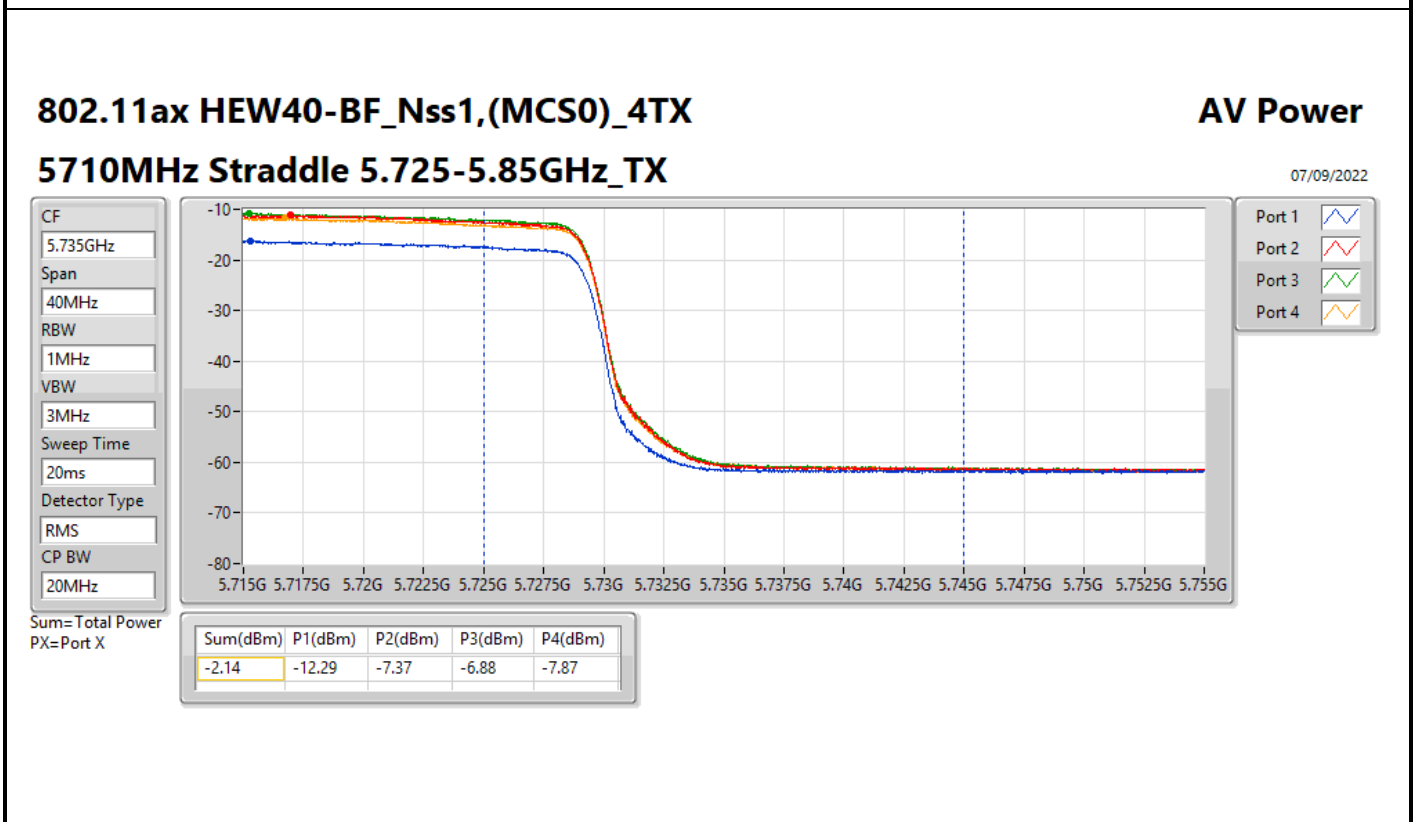
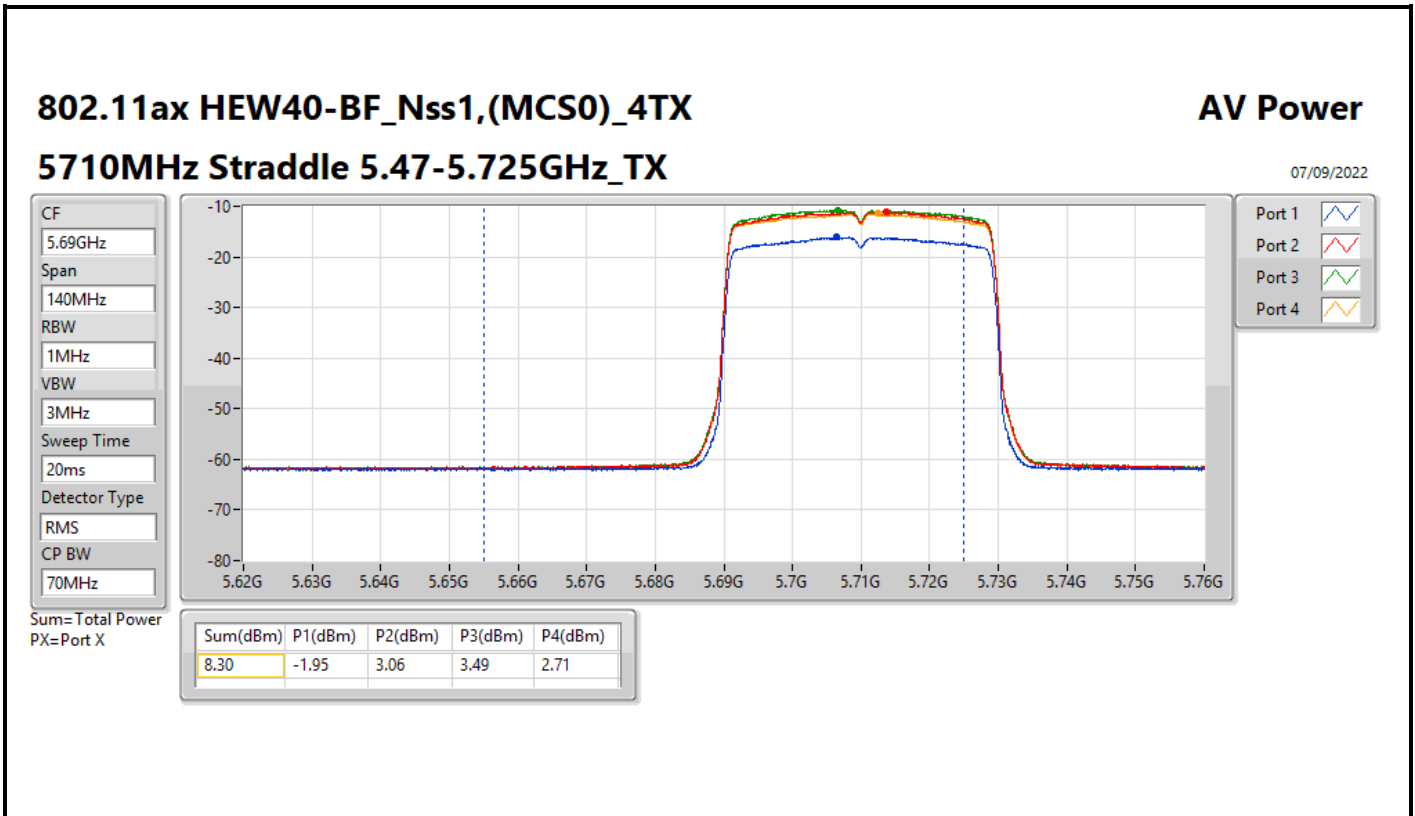
Average Power_Pine R2_Antenna set 10_Beamforming mode_
Outdoor_P to M

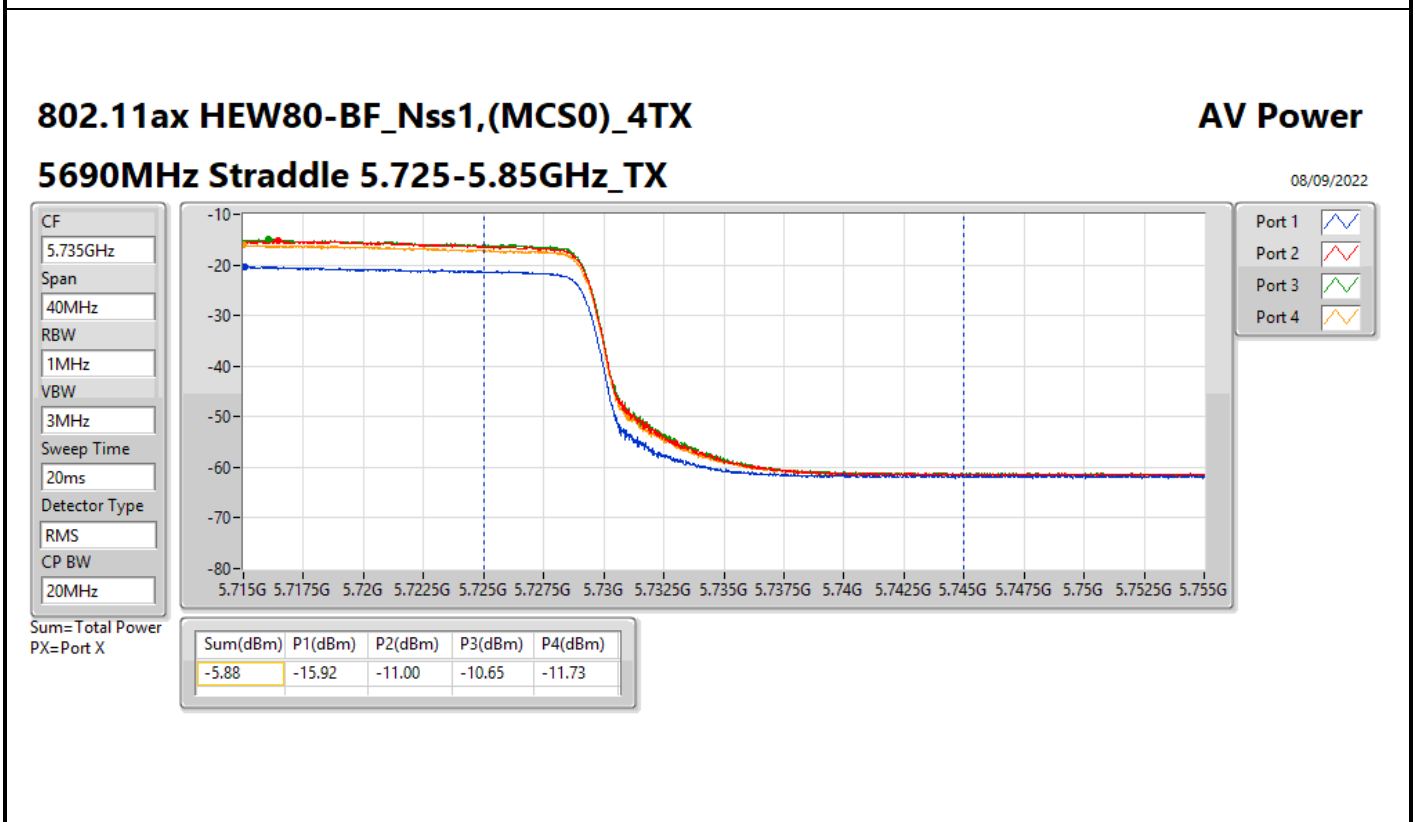
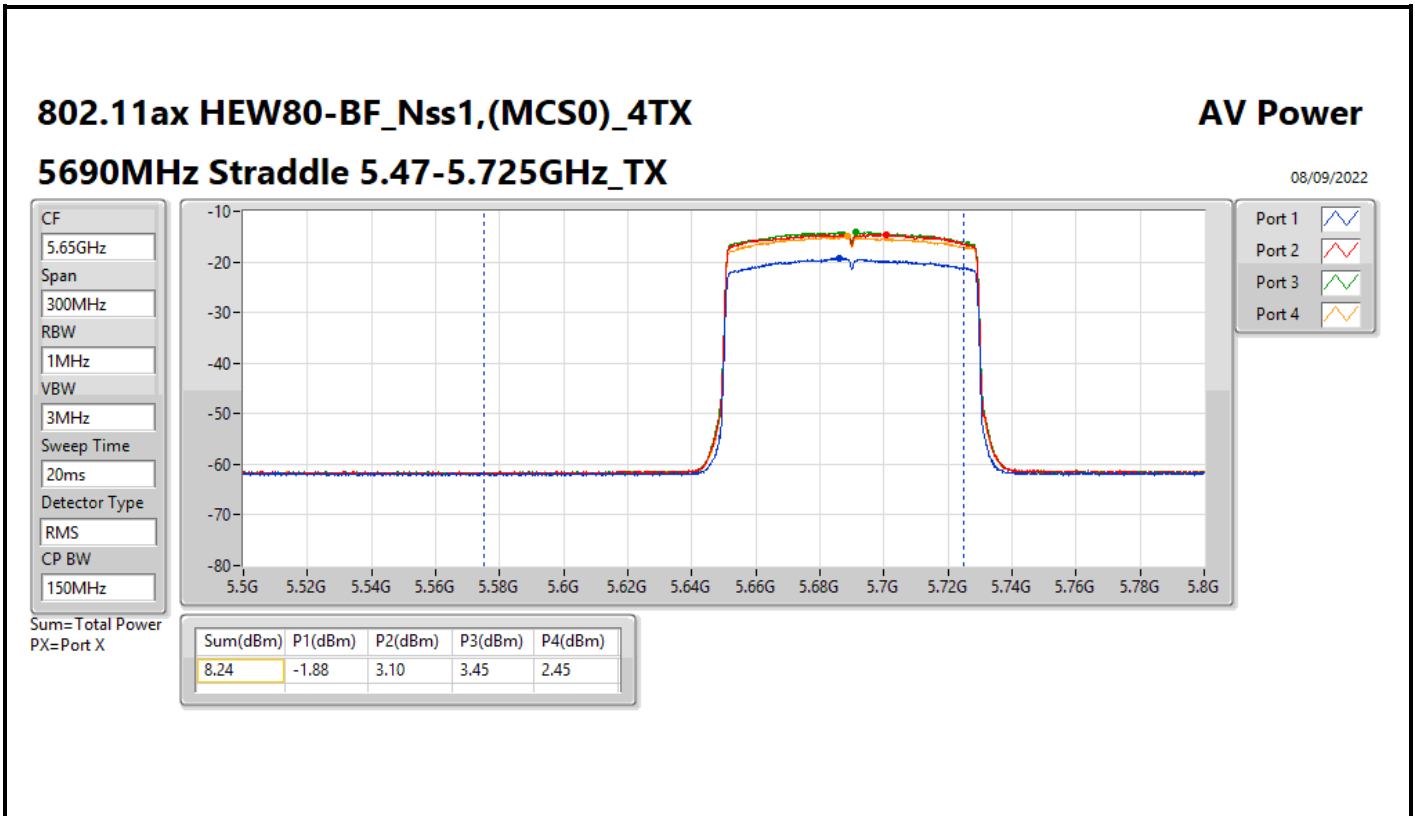
Appendix C.20

Result

Mode	Result	DG	Port 1	Port 2	Port 3	Port 4	Total Power	Power Limit	EIRP / Elevation angle higher than 30° EIRP	EIRP Limit / Elevation angle higher than 30° EIRP Limit
		(dBi)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)	(dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5260MHz	Pass	21.54	-2.25	2.18	2.24	2.89	7.68	8.44	29.22	Inf
5300MHz	Pass	21.54	-2.44	2.2	2.58	2.98	7.80	8.44	29.34	Inf
5320MHz	Pass	21.54	-2.48	1.89	2.43	2.82	7.61	8.44	29.15	Inf
5500MHz	Pass	21.54	-1.65	2.22	2.68	3.06	7.94	8.44	29.48	Inf
5580MHz	Pass	21.54	-2.55	1.72	2.31	2.67	7.48	8.44	29.02	Inf
5700MHz	Pass	21.54	-1.99	2.86	3.25	2.13	8.00	8.44	29.54	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	21.54	-4.23	0.23	1.15	1.09	6.04	7.49	27.58	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	21.54	-8.67	-4.05	-3.26	-3.27	1.68	14.46	23.22	Inf
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5270MHz	Pass	21.54	-1.72	3.00	2.97	2.74	8.15	8.44	29.69	Inf
5310MHz	Pass	21.54	-1.01	2.43	3.43	2.36	8.11	8.44	29.65	Inf
5510MHz	Pass	21.54	-0.72	3.17	2.77	3.17	8.38	8.44	29.92	Inf
5550MHz	Pass	21.54	-0.69	2.85	2.73	3.02	8.23	8.44	29.77	Inf
5670MHz	Pass	21.54	-0.58	3.05	3.54	2.60	8.43	8.44	29.97	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	21.54	-1.95	3.06	3.49	2.71	8.30	8.44	29.84	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	21.54	-12.29	-7.37	-6.88	-7.87	-2.14	14.46	19.40	Inf
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5290MHz	Pass	21.54	-1.49	2.56	2.67	2.94	8.01	8.44	29.55	Inf
5530MHz	Pass	21.54	-0.80	2.74	2.76	2.92	8.17	8.44	29.71	Inf
5610MHz	Pass	21.54	-0.52	2.90	2.84	3.09	8.32	8.44	29.86	Inf
5690MHz Straddle 5.47-5.725GHz	Pass	21.54	-1.88	3.10	3.45	2.45	8.24	8.44	29.78	Inf
5690MHz Straddle 5.725-5.85GHz	Pass	21.54	-15.92	-11.00	-10.65	-11.73	-5.88	14.46	15.66	Inf
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	21.54	-4.17	0.47	0.9	1.04	6.02	14.46	27.56/3.06	36.00/21.00
5250MHz Straddle 5.25-5.35GHz	Pass	21.54	-4.2	0.33	0.64	0.97	5.88	8.44	27.42	Inf
5570MHz	Pass	21.54	-1.16	2.33	2.79	2.93	8.02	8.44	29.56	Inf

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







Average Power_Pine R2_Antenna set 10_
Non beamforming mode_Indoor_P to P

Appendix C.21

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	5.27	0.00337
802.11ax HEW160_Nss1,(MCS0)_2TX	6.53	0.00450
802.11ax HEW160_Nss1,(MCS0)_4TX	6.02	0.00400
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.80	0.01202
802.11ax HEW20_Nss1,(MCS0)_1TX	11.22	0.01324
802.11ax HEW40_Nss1,(MCS0)_1TX	11.32	0.01355
802.11ax HEW80_Nss1,(MCS0)_1TX	8.14	0.00652
802.11ax HEW160_Nss1,(MCS0)_1TX	5.25	0.00335
802.11a_Nss1,(6Mbps)_2TX	10.72	0.01180
802.11ax HEW20_Nss1,(MCS0)_2TX	11.39	0.01377
802.11ax HEW40_Nss1,(MCS0)_2TX	9.17	0.00826
802.11ax HEW80_Nss1,(MCS0)_2TX	11.09	0.01285
802.11ax HEW160_Nss1,(MCS0)_2TX	6.39	0.00436
802.11a_Nss1,(6Mbps)_4TX	7.14	0.00518
802.11ax HEW20_Nss1,(MCS0)_4TX	7.80	0.00603
802.11ax HEW40_Nss1,(MCS0)_4TX	10.84	0.01213
802.11ax HEW80_Nss1,(MCS0)_4TX	10.17	0.01040
802.11ax HEW160_Nss1,(MCS0)_4TX	5.88	0.00387
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.90	0.01230
802.11ax HEW20_Nss1,(MCS0)_1TX	11.40	0.01380
802.11ax HEW40_Nss1,(MCS0)_1TX	11.41	0.01384
802.11ax HEW80_Nss1,(MCS0)_1TX	11.30	0.01349
802.11ax HEW160_Nss1,(MCS0)_1TX	10.39	0.01094
802.11a_Nss1,(6Mbps)_2TX	10.63	0.01156
802.11ax HEW20_Nss1,(MCS0)_2TX	11.04	0.01271
802.11ax HEW40_Nss1,(MCS0)_2TX	11.43	0.01390
802.11ax HEW80_Nss1,(MCS0)_2TX	11.34	0.01361
802.11ax HEW160_Nss1,(MCS0)_2TX	10.35	0.01084
802.11a_Nss1,(6Mbps)_4TX	7.90	0.00617
802.11ax HEW20_Nss1,(MCS0)_4TX	8.53	0.00713
802.11ax HEW40_Nss1,(MCS0)_4TX	11.38	0.01374
802.11ax HEW80_Nss1,(MCS0)_4TX	11.41	0.01384
802.11ax HEW160_Nss1,(MCS0)_4TX	9.72	0.00938
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	4.26	0.00267
802.11ax HEW20_Nss1,(MCS0)_1TX	5.99	0.00397
802.11ax HEW40_Nss1,(MCS0)_1TX	0.97	0.00125
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.76	0.00053
802.11a_Nss1,(6Mbps)_2TX	4.54	0.00284
802.11ax HEW20_Nss1,(MCS0)_2TX	5.80	0.00380
802.11ax HEW40_Nss1,(MCS0)_2TX	0.88	0.00122
802.11ax HEW80_Nss1,(MCS0)_2TX	-2.69	0.00054
802.11a_Nss1,(6Mbps)_4TX	0.17	0.00104
802.11ax HEW20_Nss1,(MCS0)_4TX	1.68	0.00147
802.11ax HEW40_Nss1,(MCS0)_4TX	0.31	0.00107
802.11ax HEW80_Nss1,(MCS0)_4TX	-3.22	0.00048



Average Power_Pine R2_Antenna set 10_
Non beamforming mode_Indoor_P to P

Appendix C.21

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	10.78				10.78	11.45
5300MHz	Pass	18.53	10.52				10.52	11.45
5320MHz	Pass	18.53	10.80				10.80	11.45
5500MHz	Pass	18.53	10.90				10.90	11.45
5580MHz	Pass	18.53	10.49				10.49	11.45
5700MHz	Pass	18.53	10.70				10.70	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	9.68				9.68	10.31
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	4.26				4.26	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	11.07				11.07	11.45
5300MHz	Pass	18.53	11.22				11.22	11.45
5320MHz	Pass	18.53	11.16				11.16	11.45
5500MHz	Pass	18.53	11.40				11.40	11.45
5580MHz	Pass	18.53	10.91				10.91	11.45
5700MHz	Pass	18.53	11.16				11.16	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	10.32				10.32	10.47
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	5.99				5.99	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	11.32				11.32	11.45
5310MHz	Pass	18.53	6.15				6.15	11.45
5510MHz	Pass	18.53	10.65				10.65	11.45
5550MHz	Pass	18.53	11.17				11.17	11.45
5670MHz	Pass	18.53	11.05				11.05	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	11.41				11.41	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	0.97				0.97	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	8.14				8.14	11.45
5530MHz	Pass	18.53	9.66				9.66	11.45
5610MHz	Pass	18.53	11.22				11.22	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	11.30				11.30	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-2.76				-2.76	30.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	18.53	5.27				5.27	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	18.53	5.25				5.25	11.45
5570MHz	Pass	18.53	10.39				10.39	11.45
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	5.46	9.15			10.70	11.45
5300MHz	Pass	18.53	5.16	9.07			10.55	11.45
5320MHz	Pass	18.53	5.40	9.21			10.72	11.41
5500MHz	Pass	18.53	5.55	8.75			10.45	11.45
5580MHz	Pass	18.53	5.12	8.89			10.41	11.45
5700MHz	Pass	18.53	5.38	9.09			10.63	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	4.77	8.38			9.95	10.28
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-0.63	2.97			4.54	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	5.76	9.50			11.03	11.45
5300MHz	Pass	18.53	6.01	9.90			11.39	11.45
5320MHz	Pass	18.53	4.94	9.18			10.57	11.45
5500MHz	Pass	18.53	5.38	9.13			10.66	11.45
5580MHz	Pass	18.53	5.53	9.23			10.77	11.45
5700MHz	Pass	18.53	5.74	9.52			11.04	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	4.87	8.60			10.13	10.51
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	0.61	4.24			5.80	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-

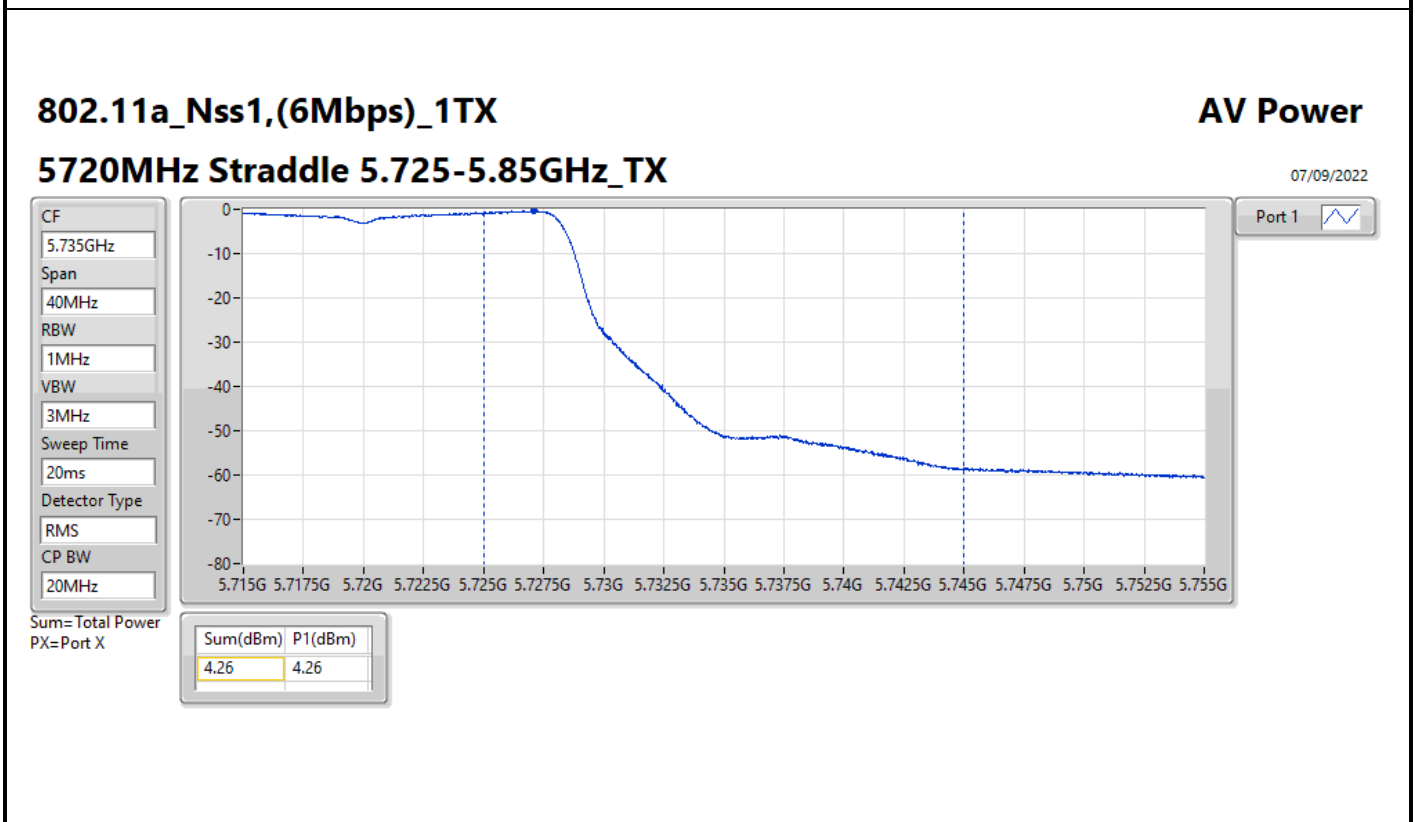
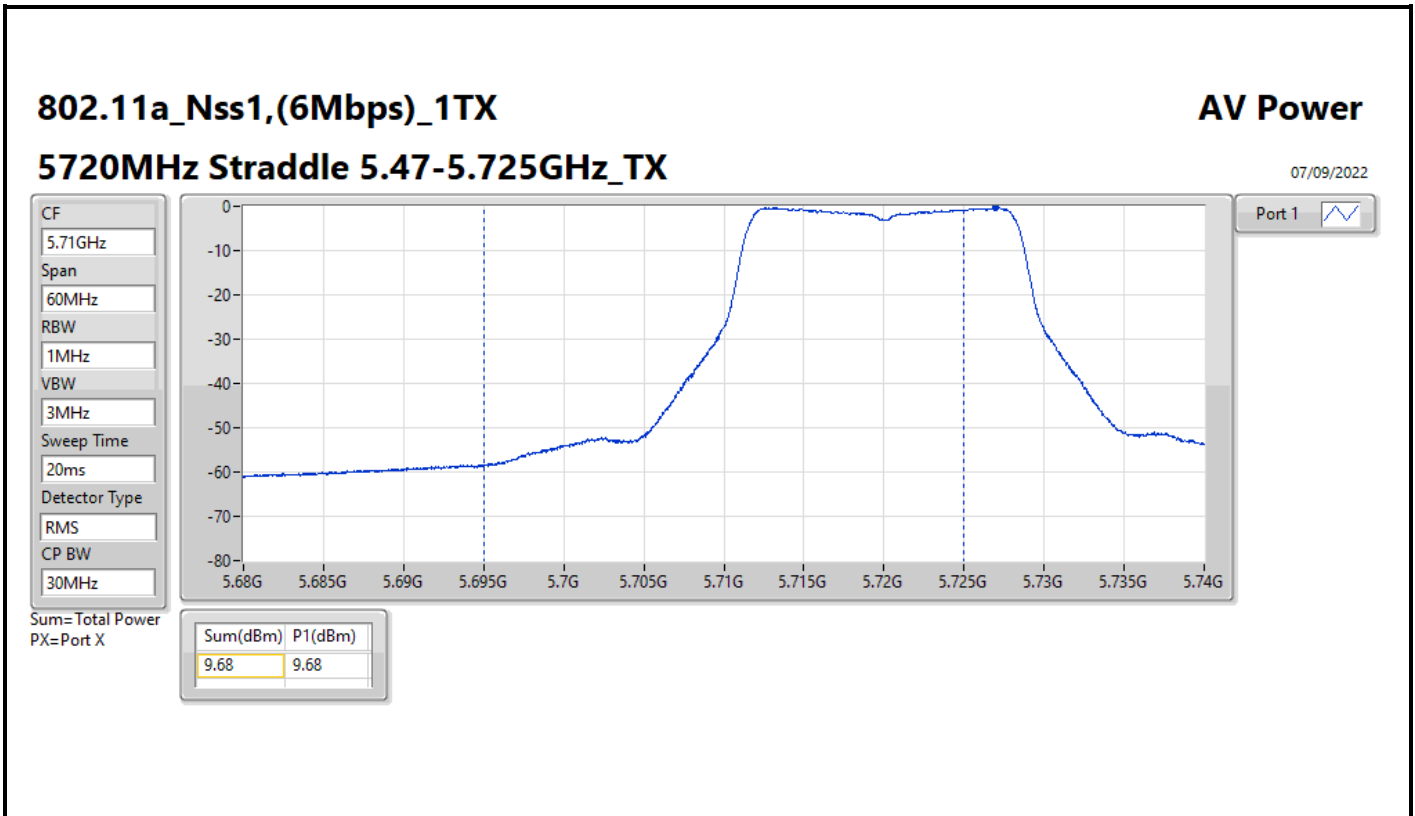


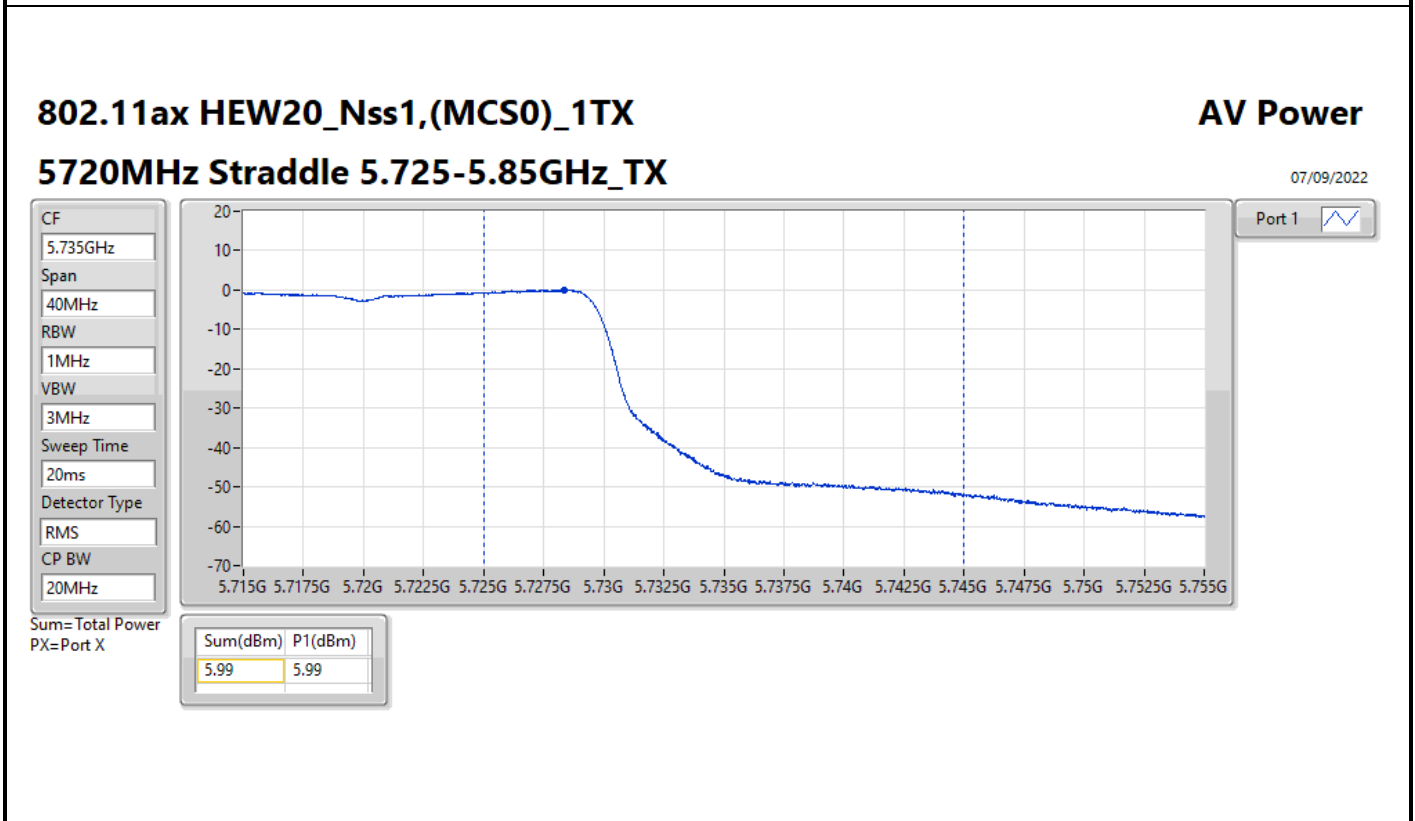
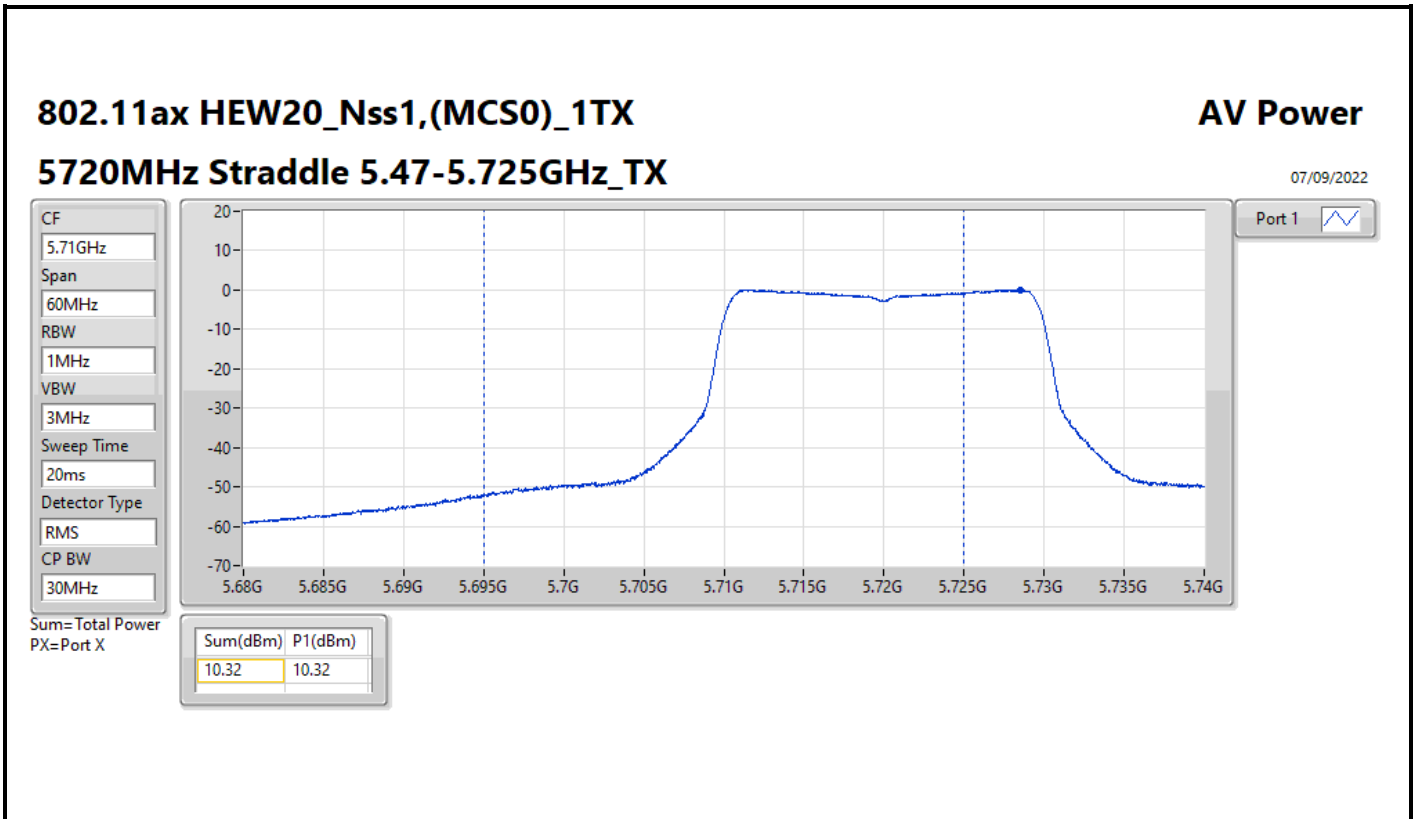
Average Power_Pine R2_Antenna set 10_
Non beamforming mode_Indoor_P to P

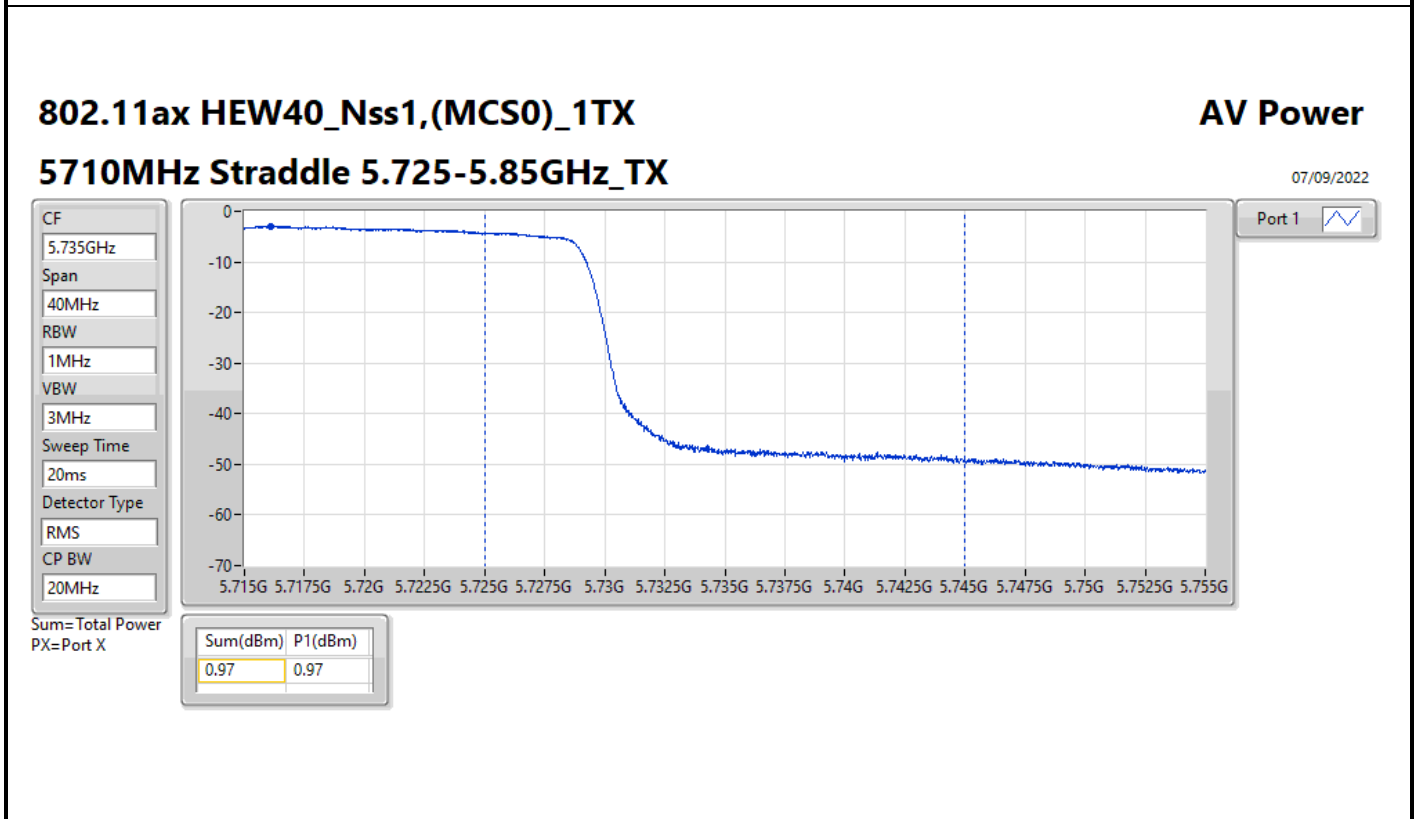
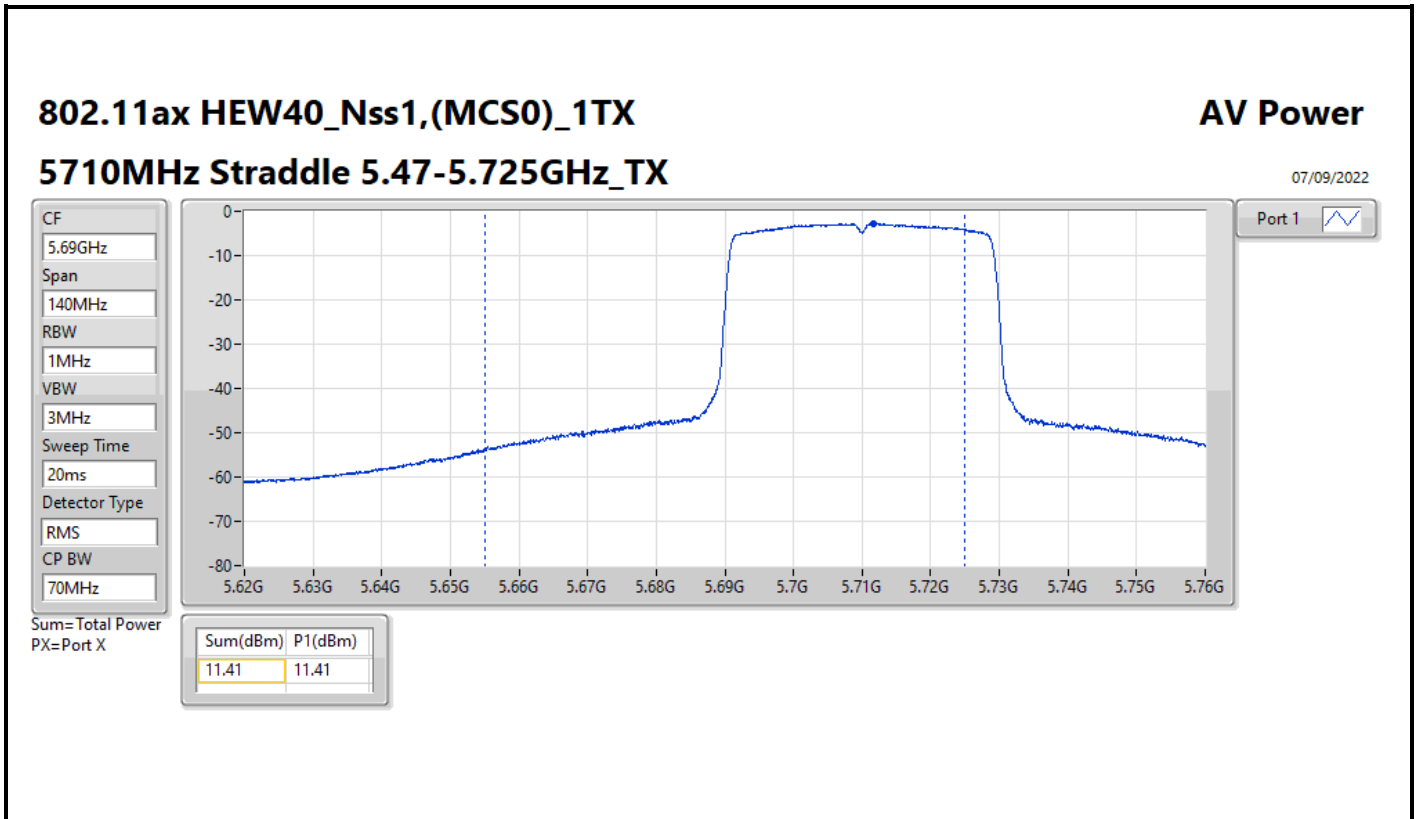
Appendix C.21

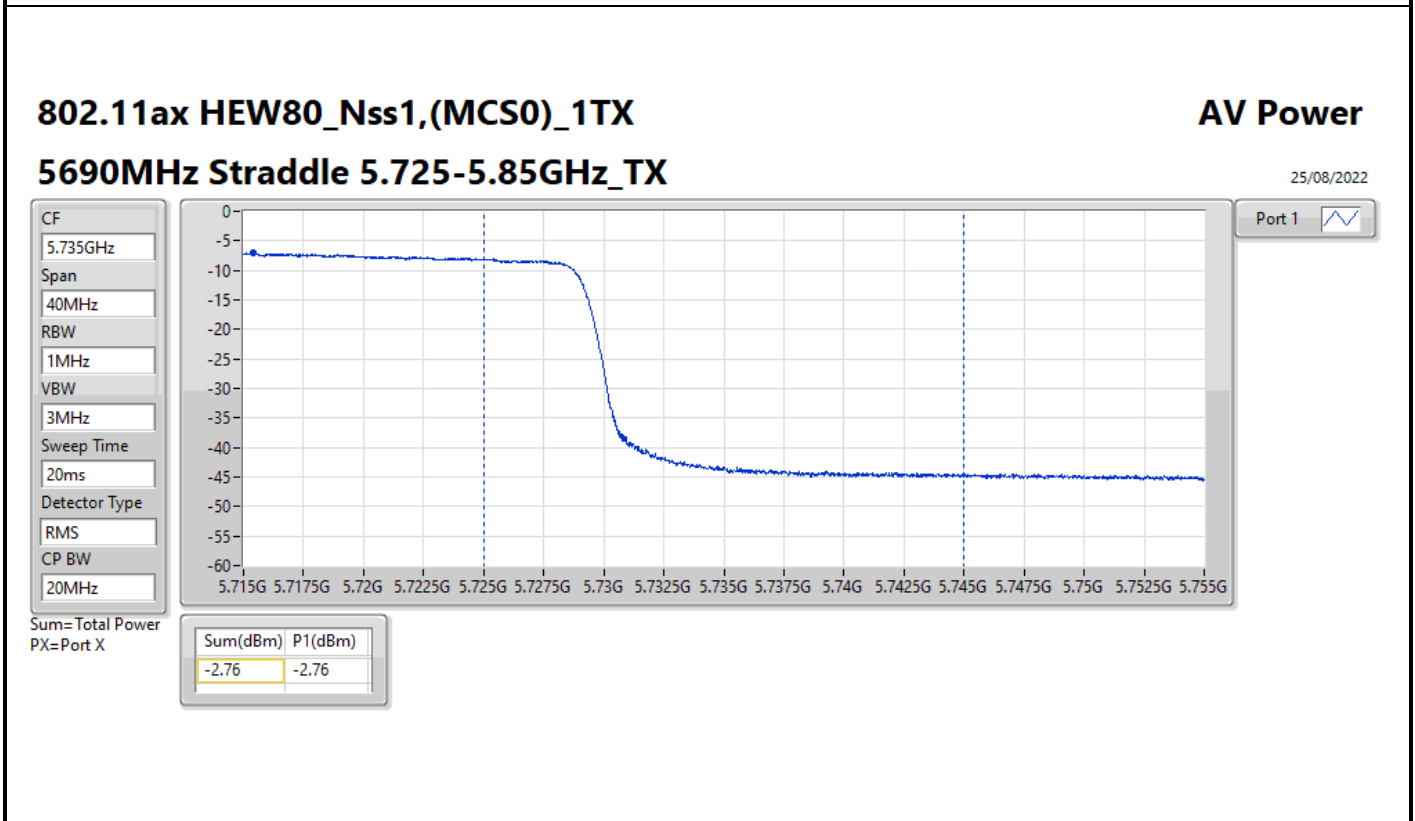
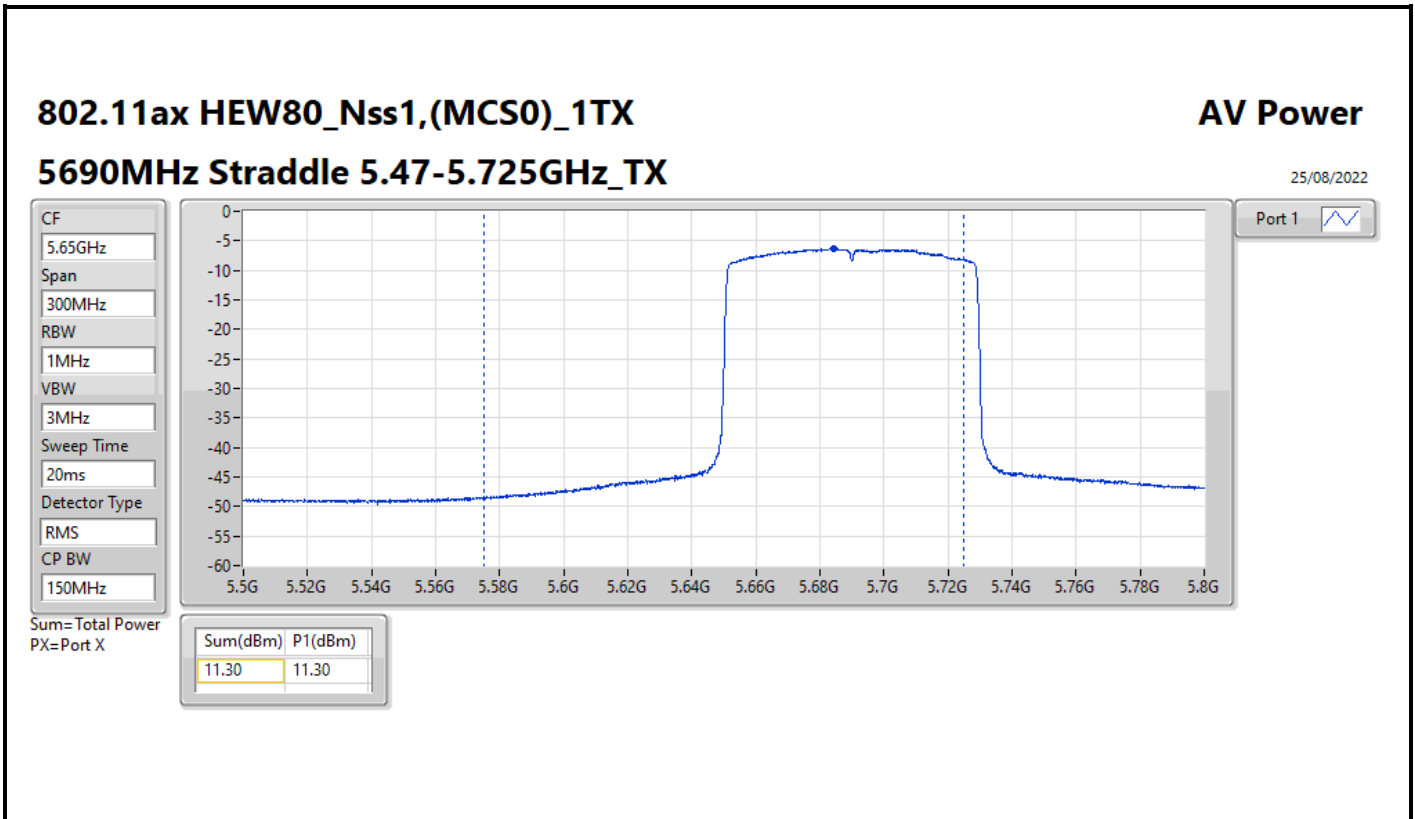
Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
5270MHz	Pass	18.53	3.66	7.73			9.17	11.45
5310MHz	Pass	18.53	2.61	7.20			8.50	11.45
5510MHz	Pass	18.53	6.27	9.82			11.41	11.45
5550MHz	Pass	18.53	6.32	9.81			11.42	11.45
5670MHz	Pass	18.53	5.94	9.99			11.43	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	5.97	9.75			11.27	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-4.45	-0.63			0.88	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	5.43	9.72			11.09	11.45
5530MHz	Pass	18.53	5.19	9.13			10.60	11.45
5610MHz	Pass	18.53	4.41	10.08			11.12	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	6.22	9.75			11.34	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-7.90	-4.24			-2.69	30.00
802.11ax HEW160_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	18.53	1.01	5.10			6.53	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	18.53	1.01	4.91			6.39	11.45
5570MHz	Pass	18.53	4.89	8.90			10.35	11.45
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-3.00	1.51	1.89	2.35	7.14	11.45
5300MHz	Pass	18.53	-3.12	1.50	1.89	2.32	7.12	11.45
5320MHz	Pass	18.53	-3.07	1.37	1.80	2.38	7.08	11.45
5500MHz	Pass	18.53	-2.24	1.63	2.05	2.49	7.35	11.45
5580MHz	Pass	18.53	-2.56	1.64	2.21	2.54	7.38	11.45
5700MHz	Pass	18.53	-2.85	2.36	3.35	2.45	7.90	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-4.65	-0.08	0.78	0.75	5.69	10.27
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-10.06	-5.62	-4.76	-4.78	0.17	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-2.25	2.18	2.24	2.89	7.68	11.45
5300MHz	Pass	18.53	-2.44	2.20	2.58	2.98	7.80	11.45
5320MHz	Pass	18.53	-2.48	1.89	2.43	2.82	7.61	11.45
5500MHz	Pass	18.53	-1.65	2.22	2.68	3.06	7.94	11.45
5580MHz	Pass	18.53	-2.55	1.72	2.31	2.67	7.48	11.45
5700MHz	Pass	18.53	-2.17	2.97	3.94	3.14	8.53	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-4.23	0.23	1.15	1.09	6.04	10.50
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-8.67	-4.05	-3.26	-3.27	1.68	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	0.84	5.44	5.73	5.67	10.84	11.45
5310MHz	Pass	18.53	0.11	4.03	5.21	4.36	9.82	11.45
5510MHz	Pass	18.53	1.94	5.80	6.23	6.05	11.33	11.45
5550MHz	Pass	18.53	1.53	5.52	6.13	5.19	10.93	11.45
5670MHz	Pass	18.53	1.75	5.46	6.52	6.26	11.38	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	1.02	5.07	6.26	5.33	10.83	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-9.33	-5.57	-4.28	-5.14	0.31	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	0.32	4.84	5.05	4.88	10.17	11.45
5530MHz	Pass	18.53	1.29	5.29	5.95	5.12	10.76	11.45
5610MHz	Pass	18.53	1.38	5.90	6.35	6.29	11.41	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	1.14	5.31	6.43	5.38	10.98	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-12.83	-8.98	-7.81	-8.79	-3.22	30.00
802.11ax HEW160_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	18.53	-4.17	0.47	0.90	1.04	6.02	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	18.53	-4.20	0.33	0.64	0.97	5.88	11.45
5570MHz	Pass	18.53	-0.54	4.22	4.87	4.44	9.72	11.45

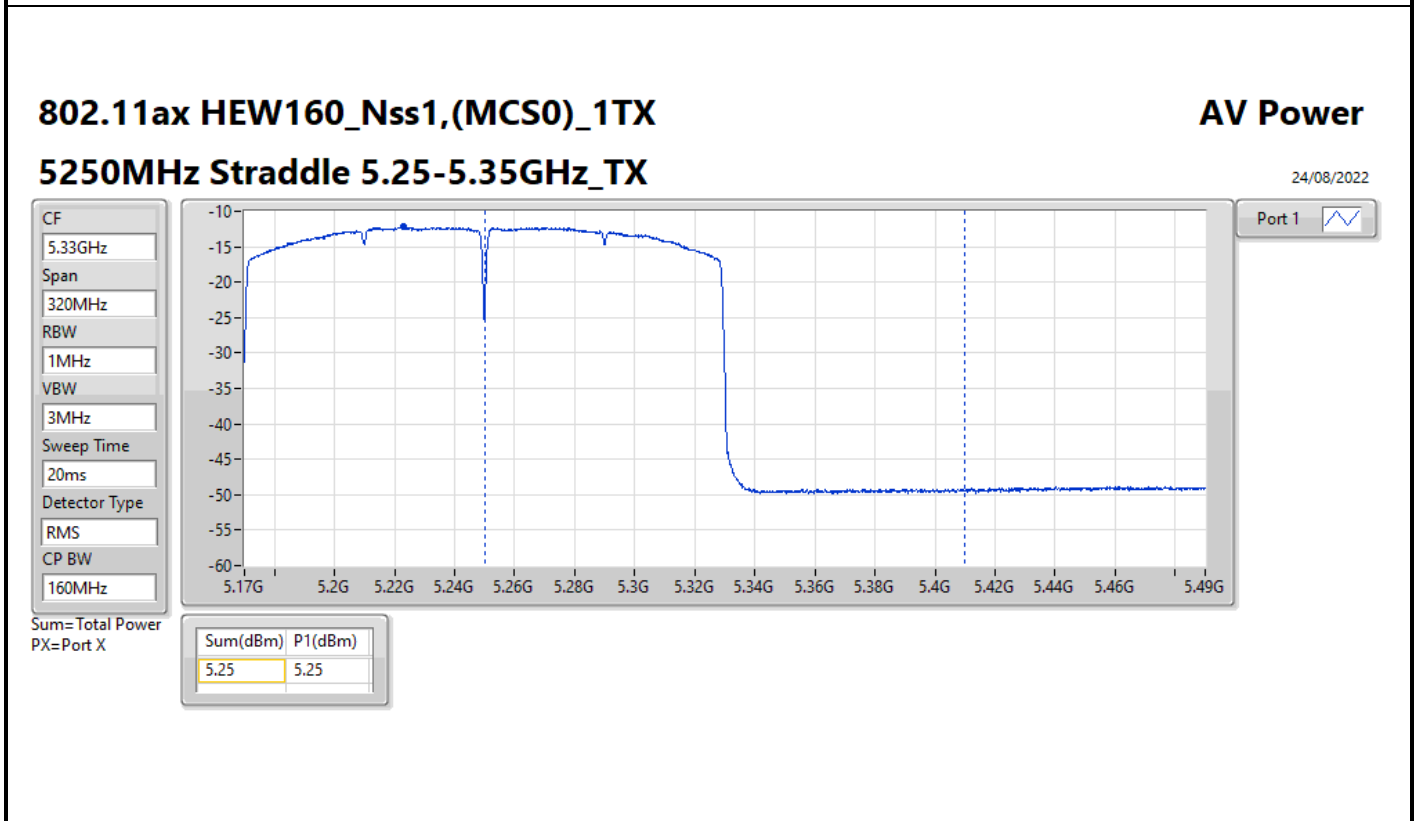
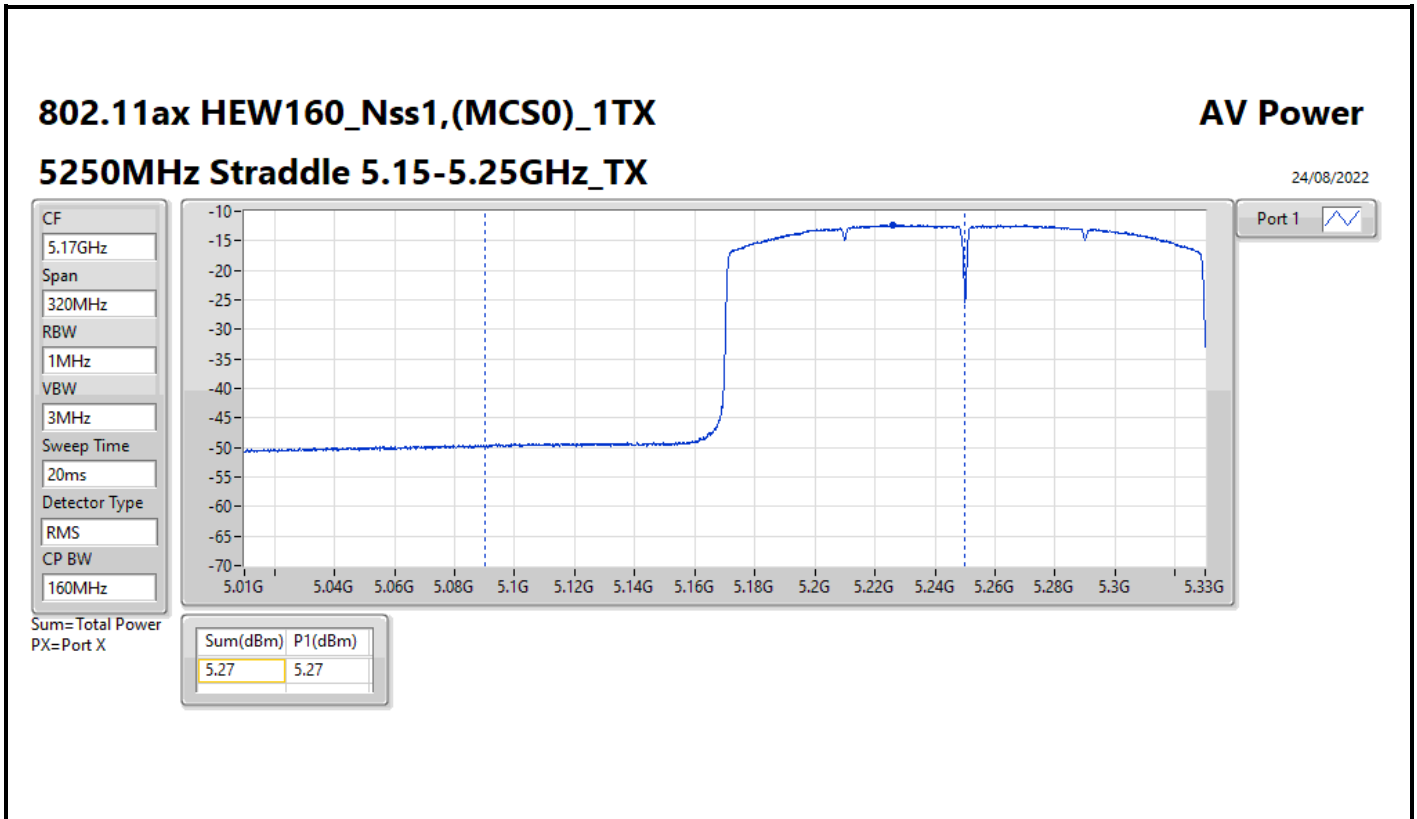
DG = Directional Gain; Port X = Port X output power

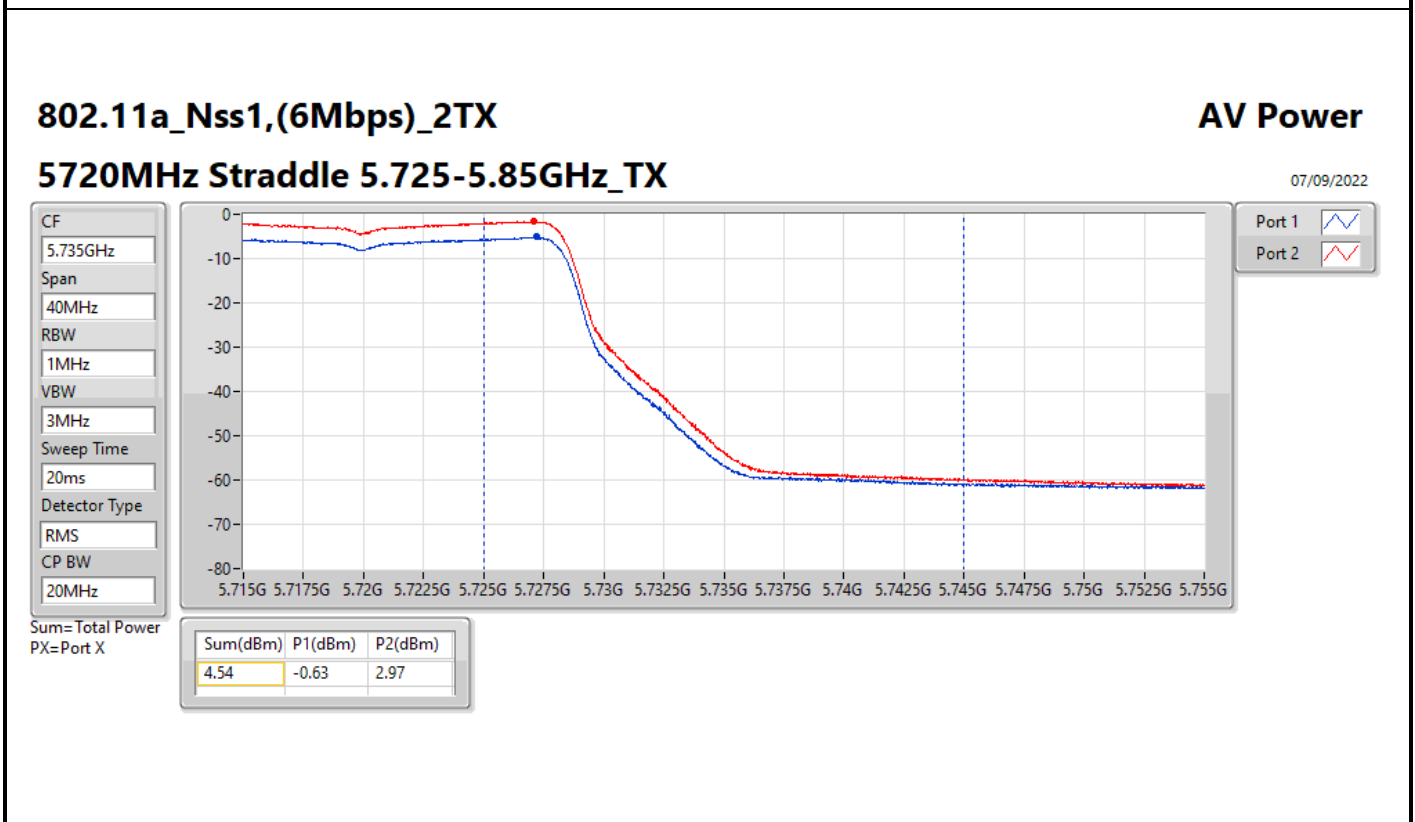
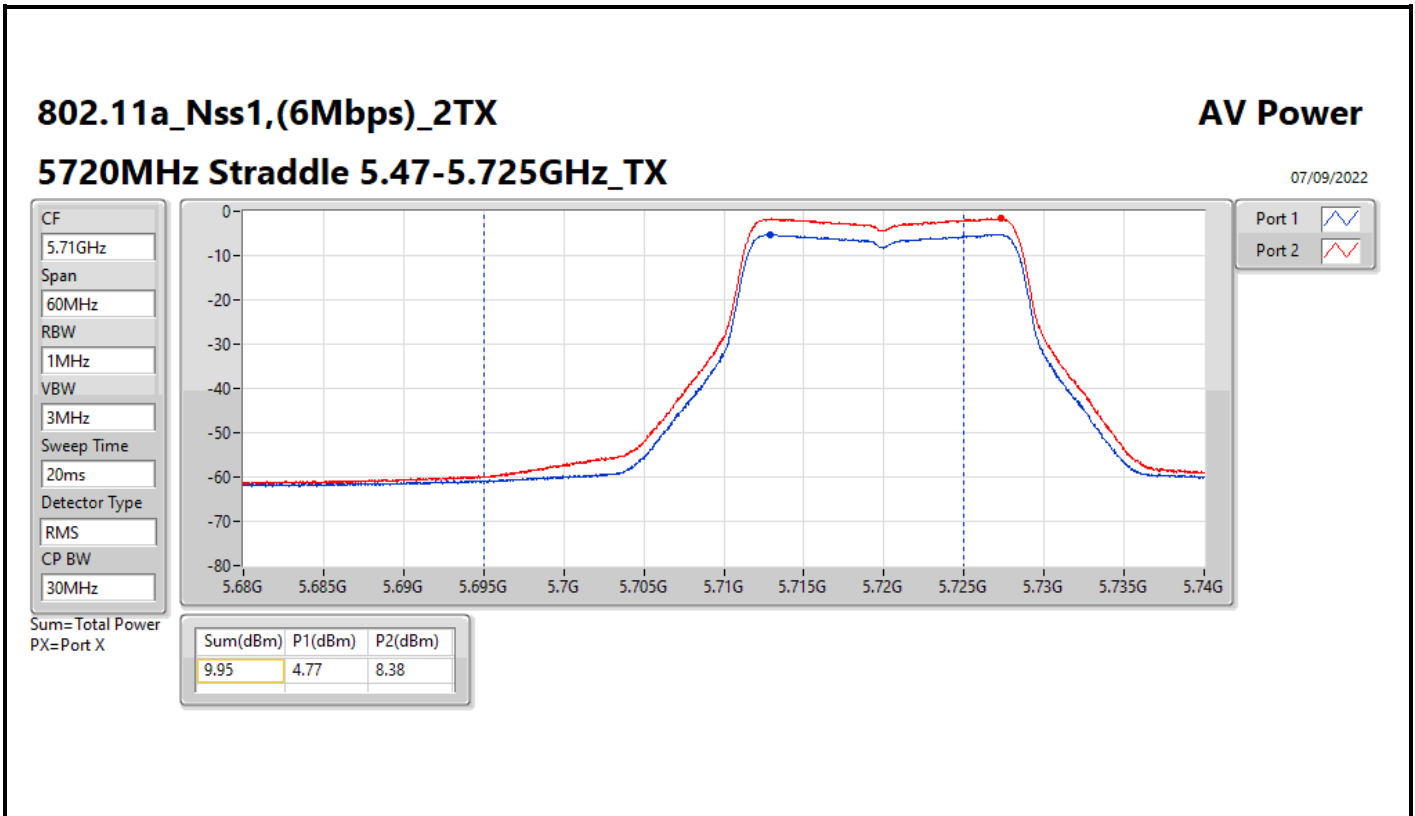


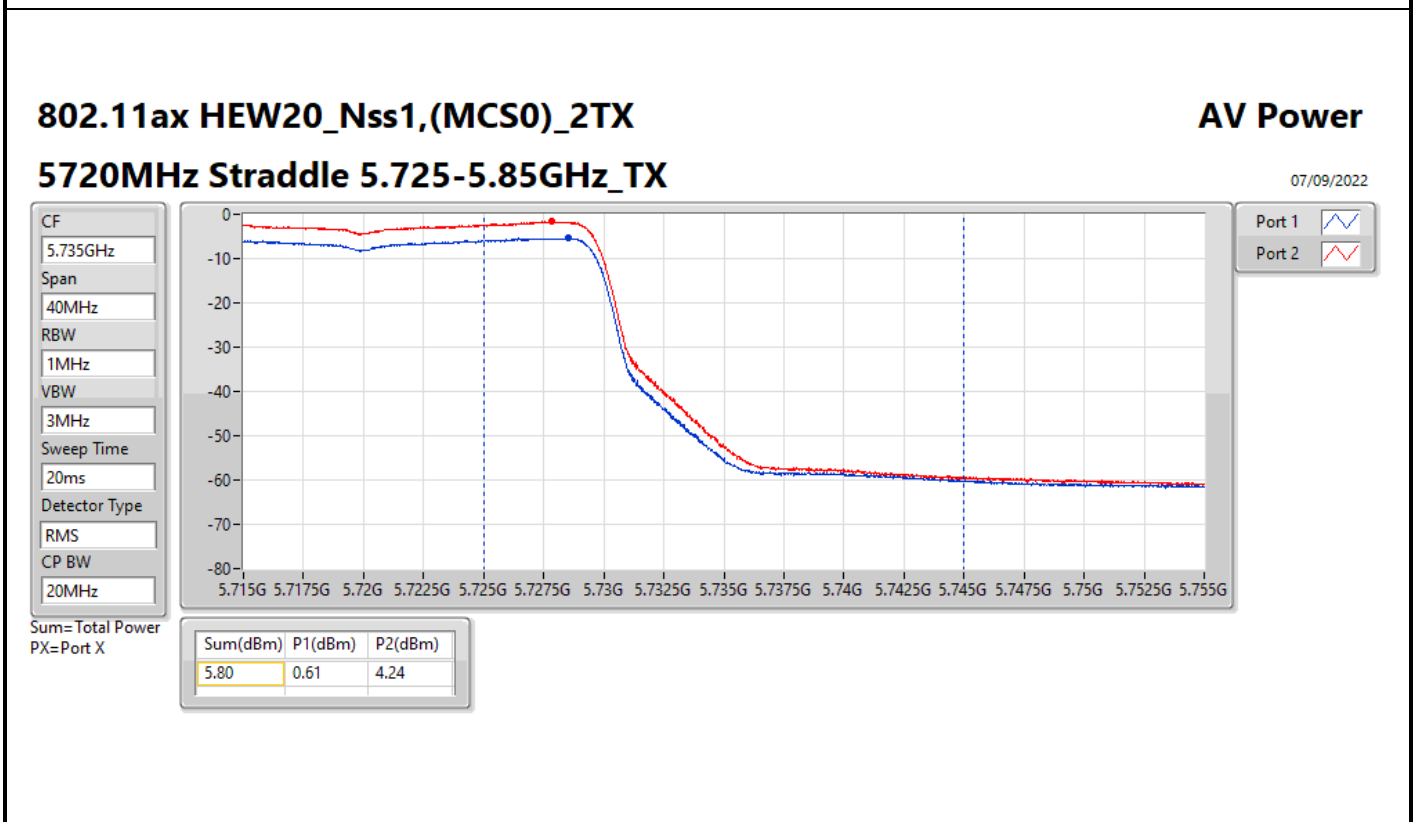
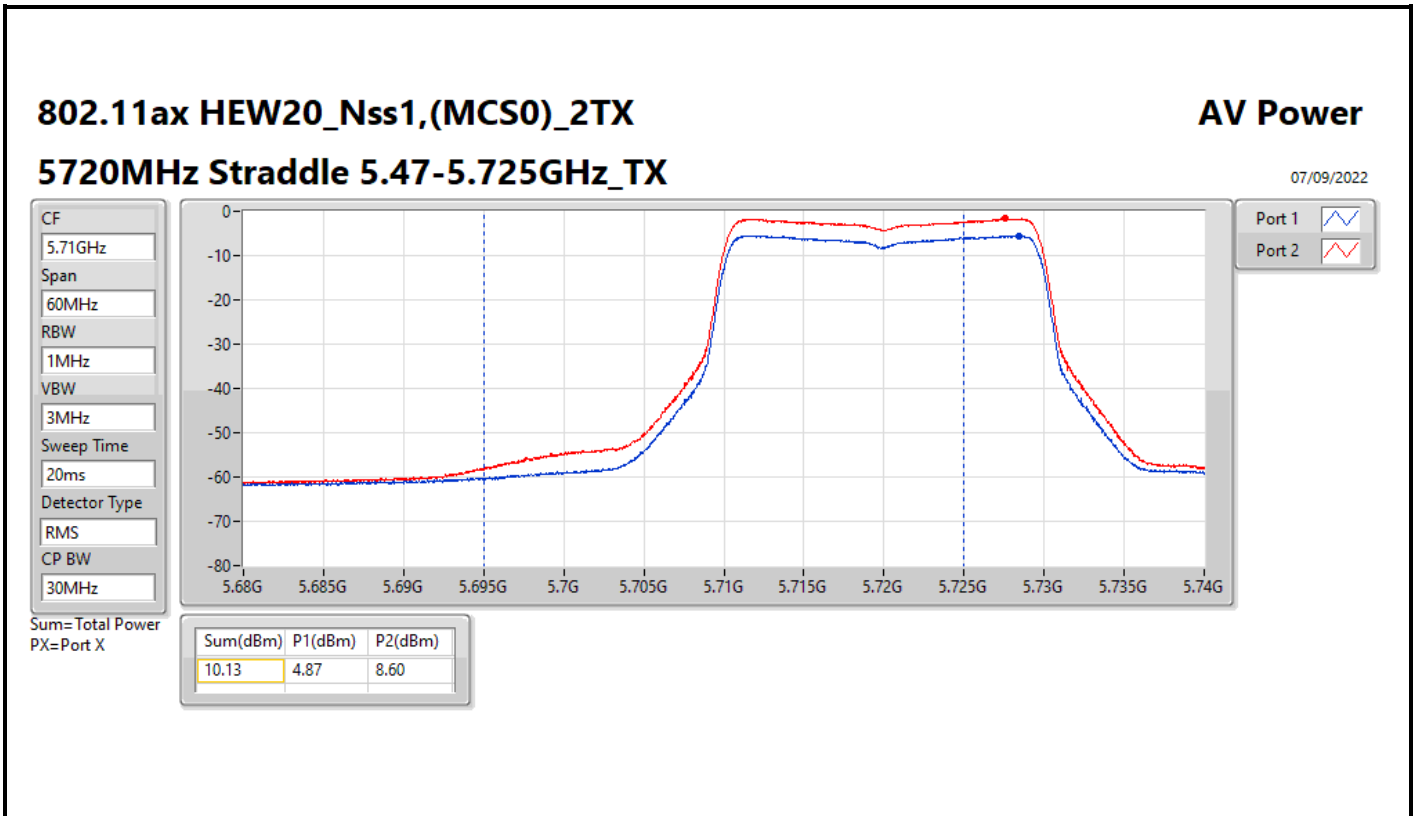


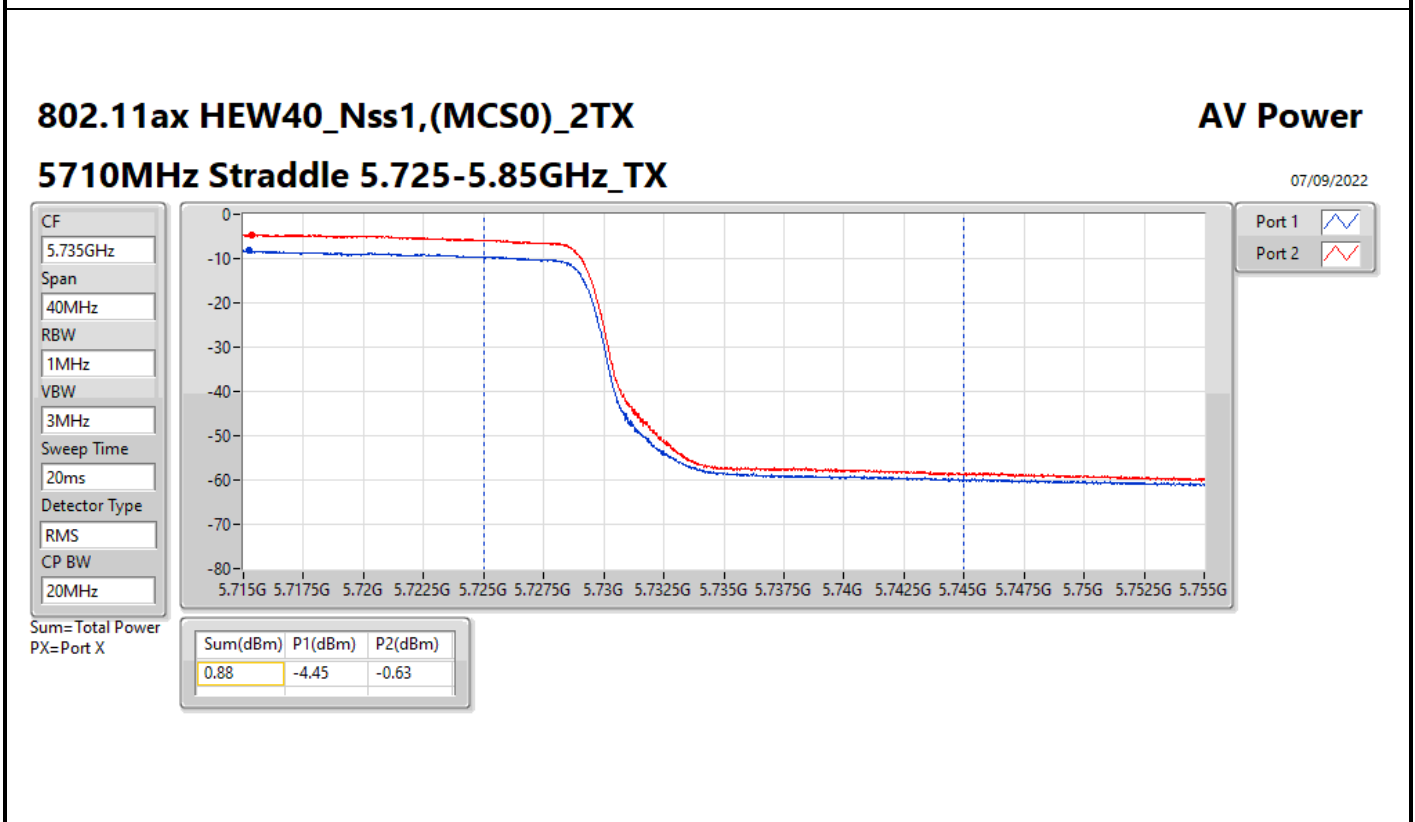
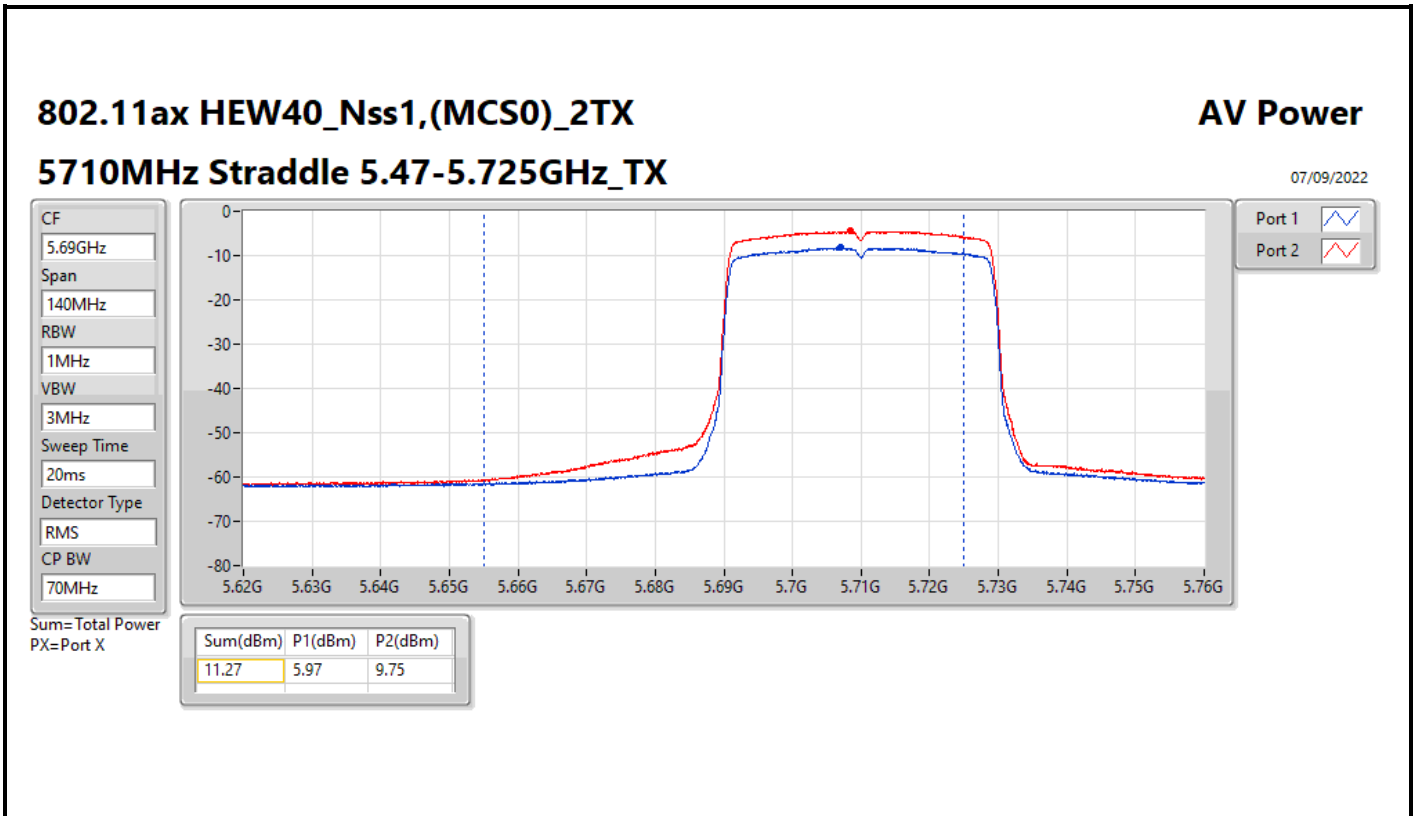


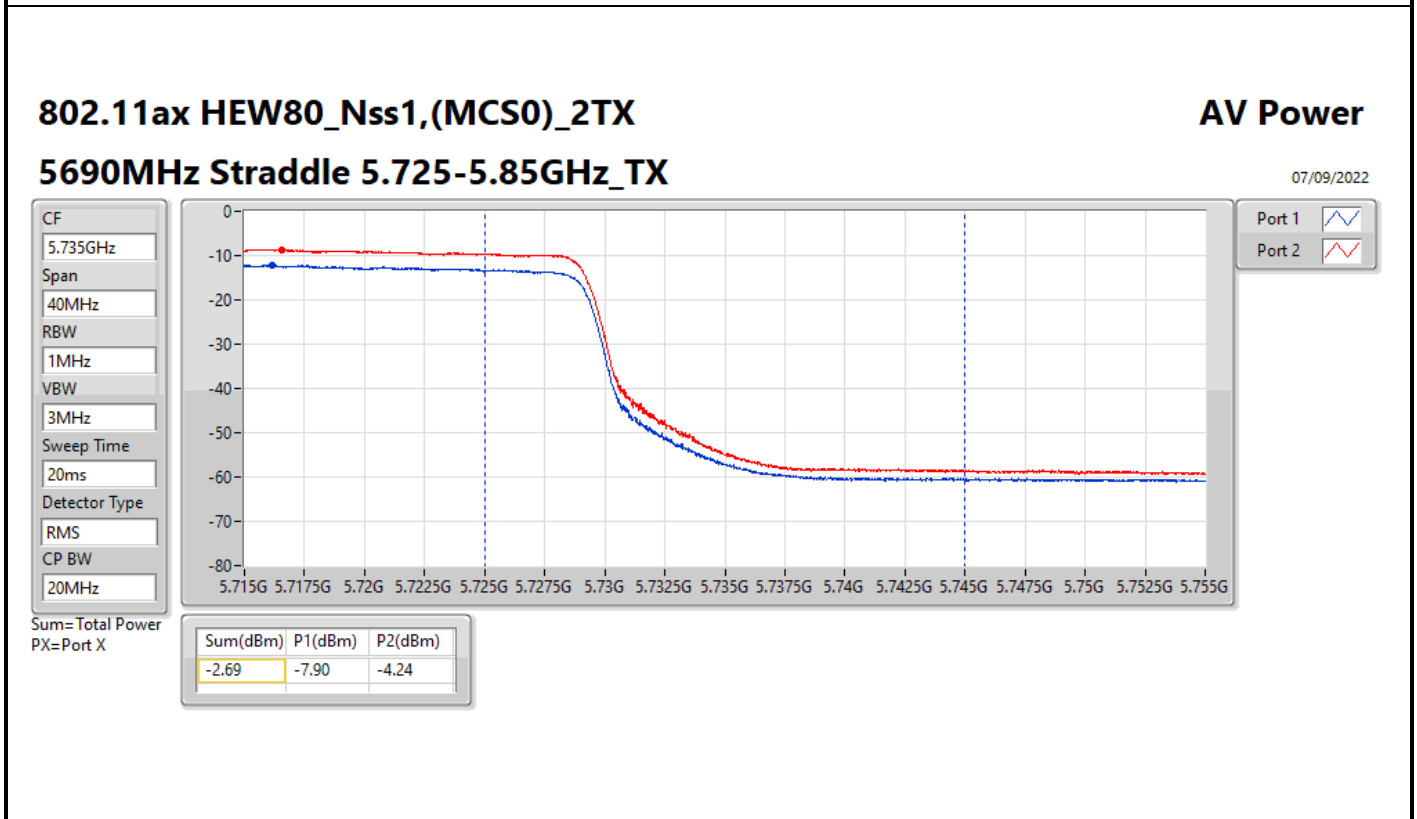
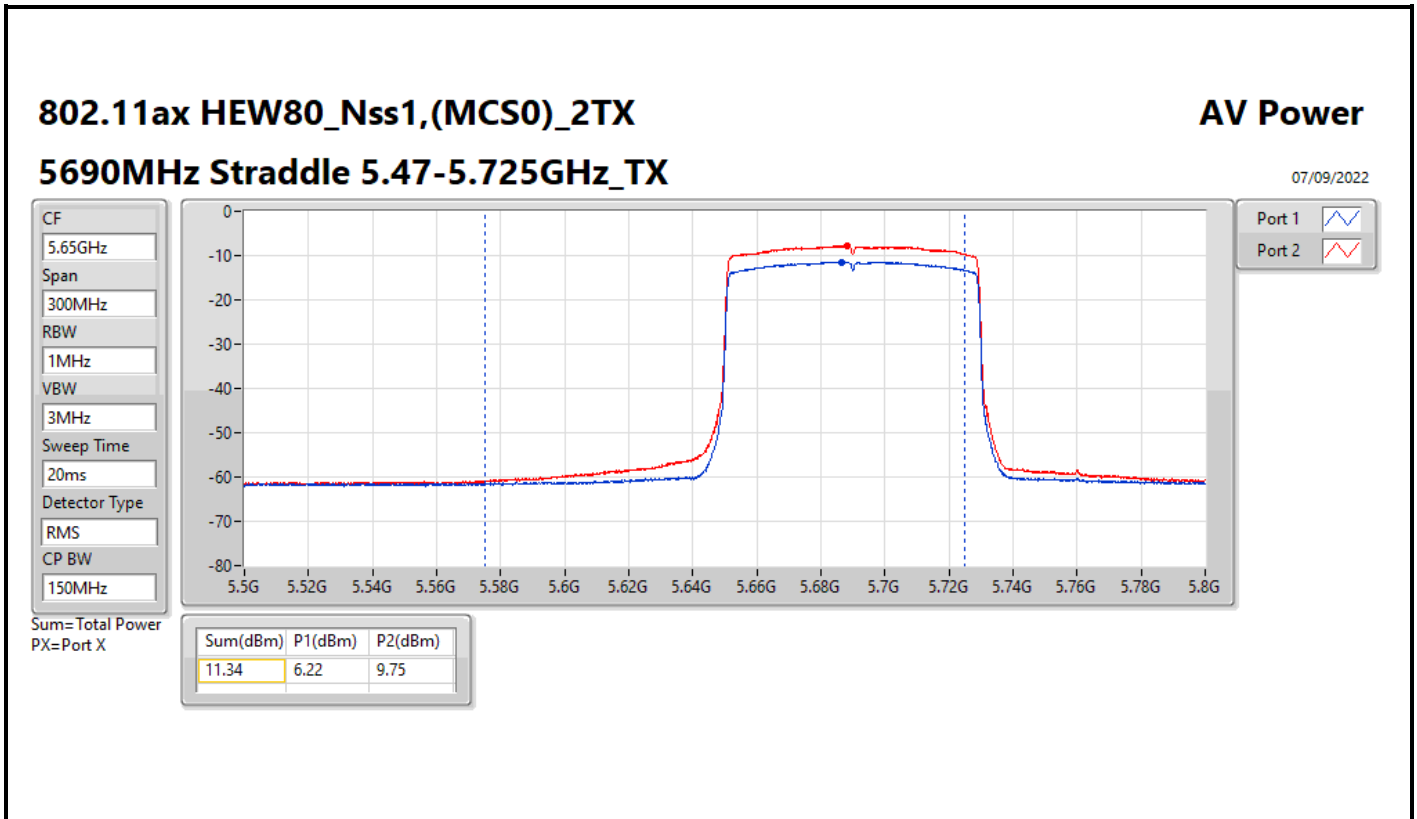


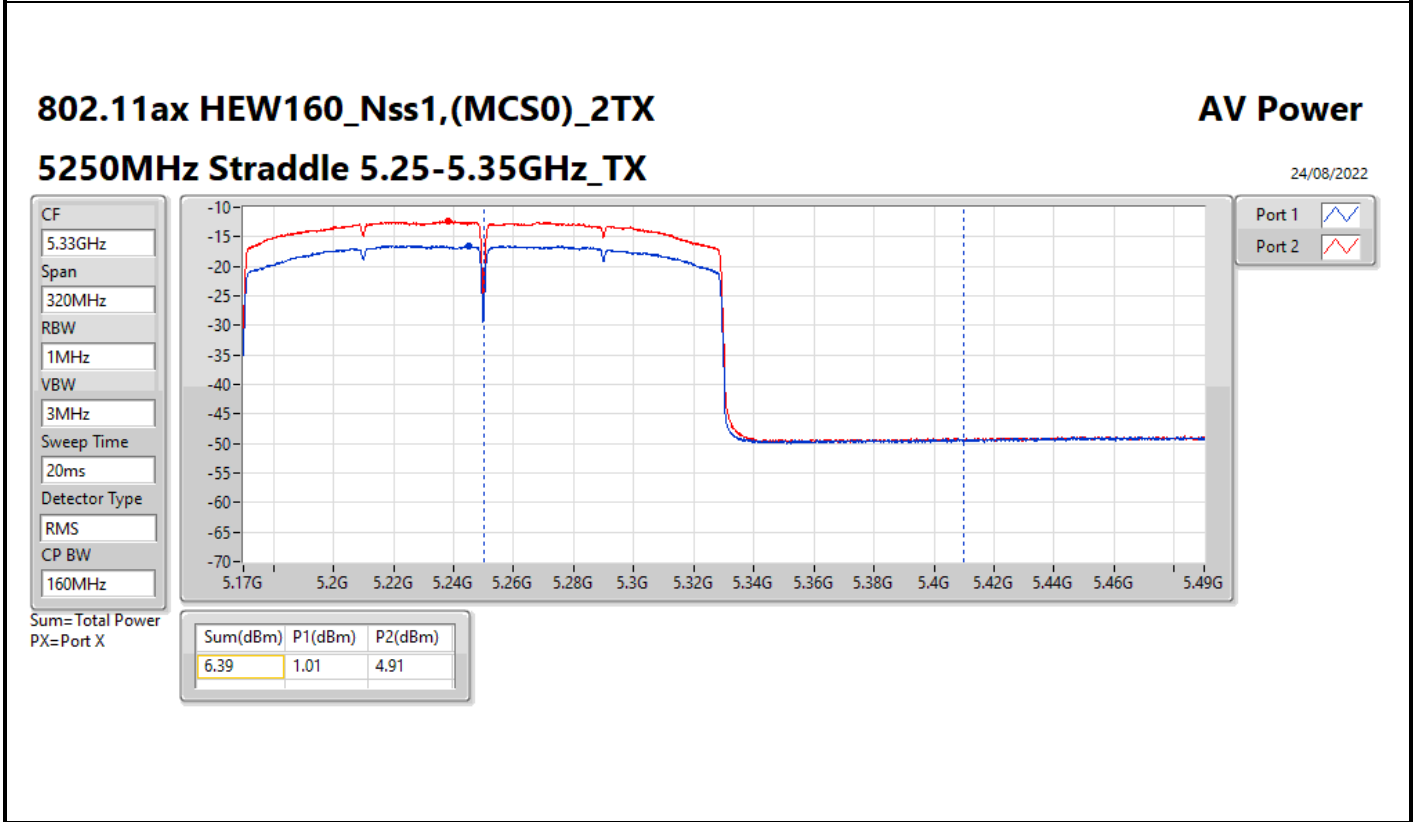
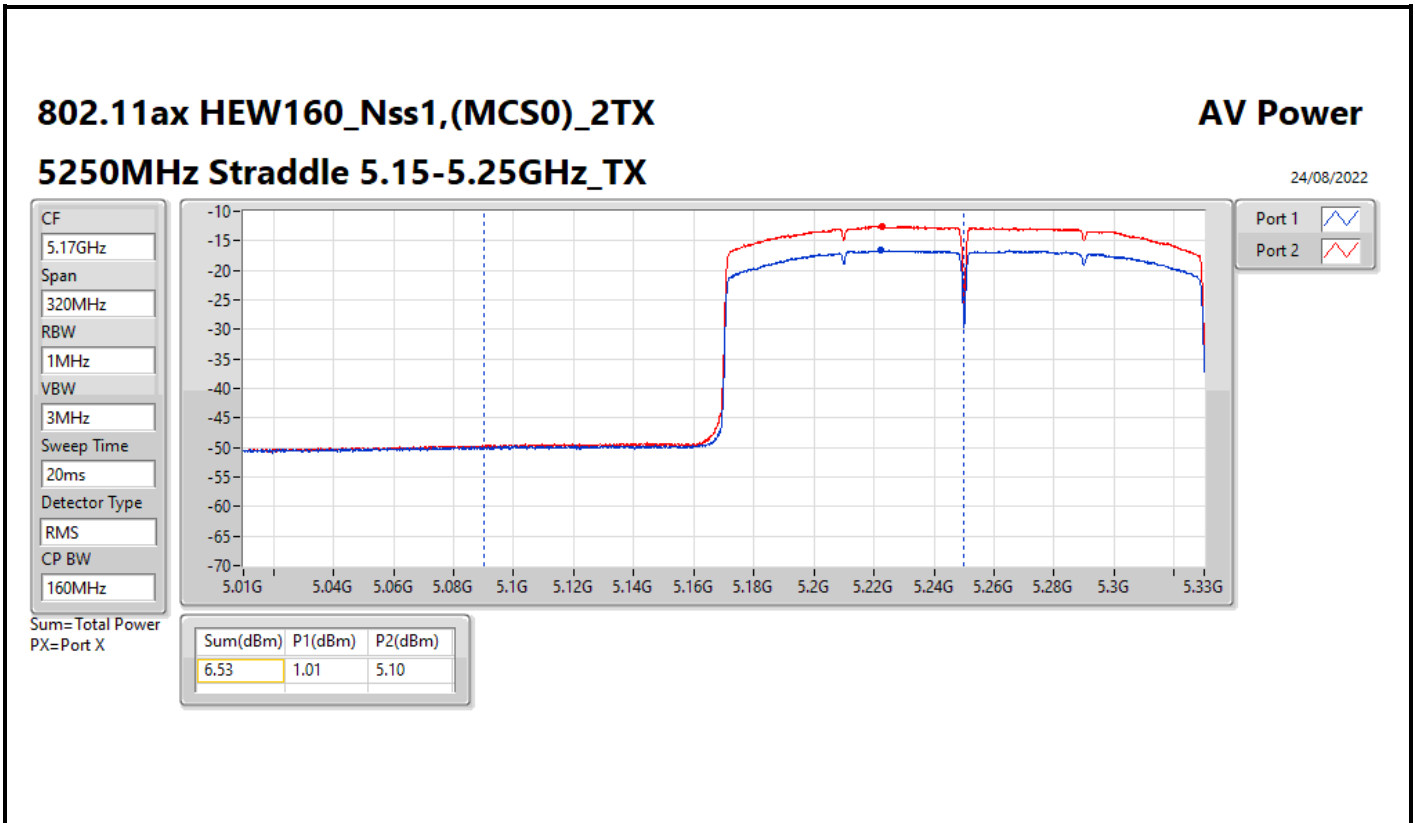


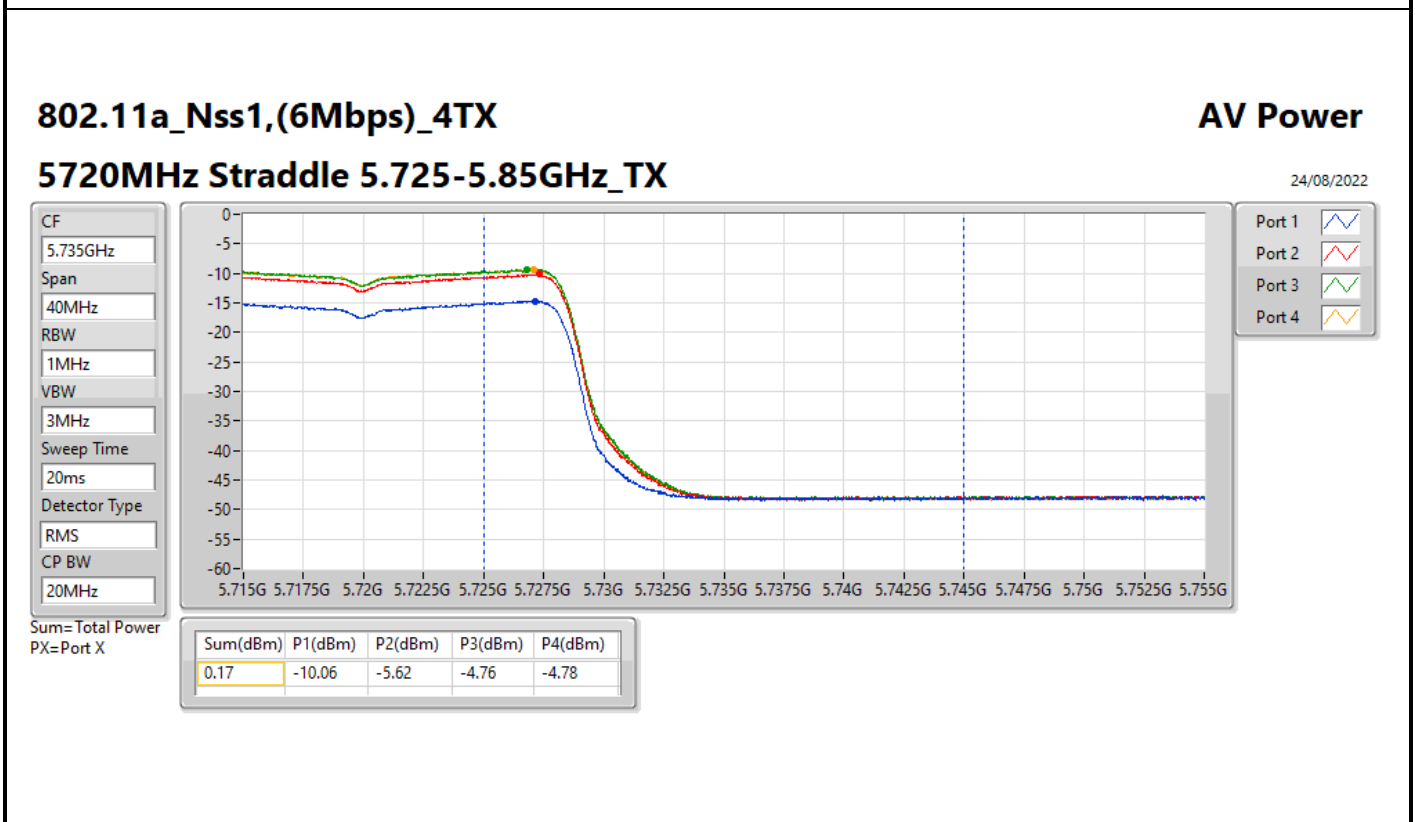
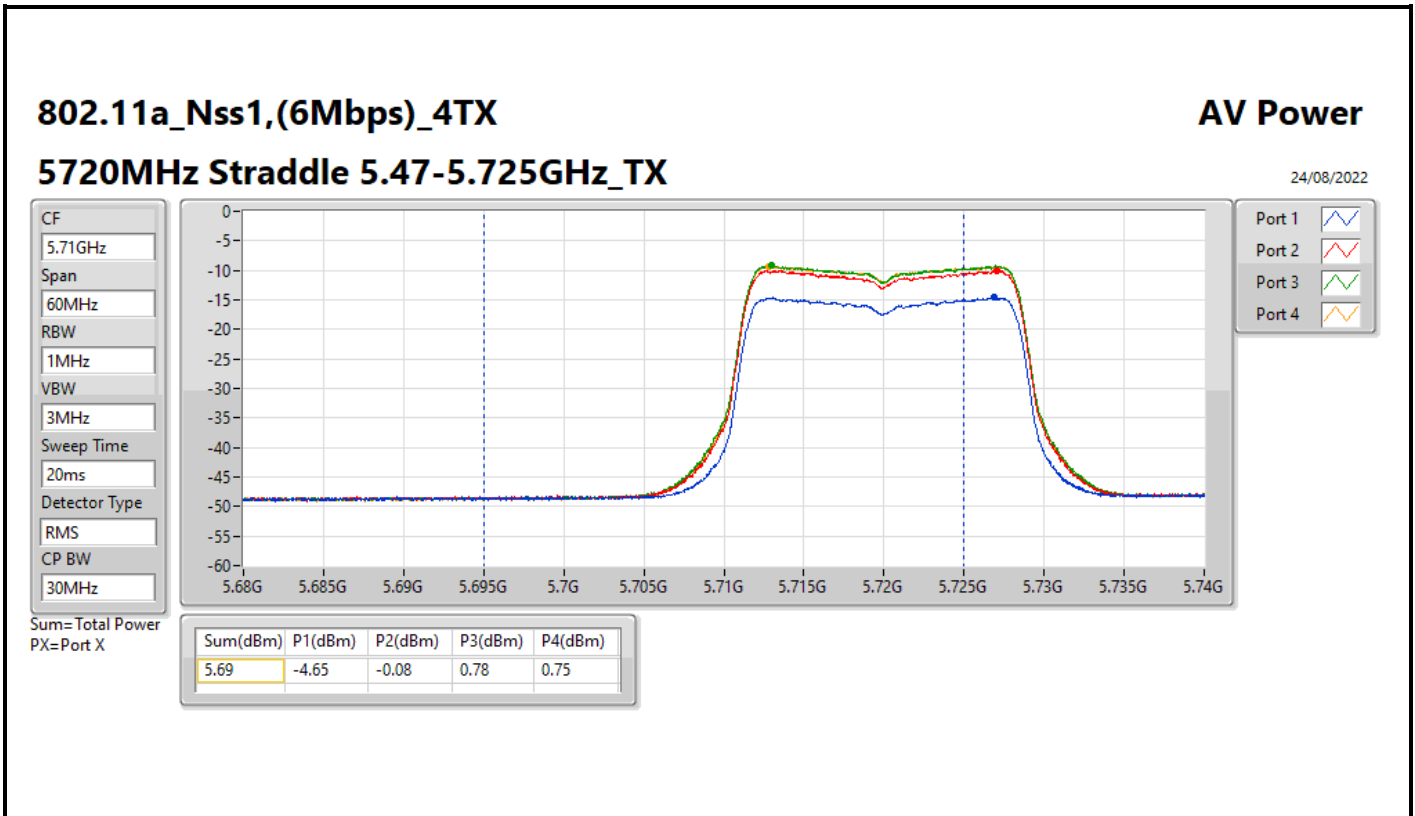


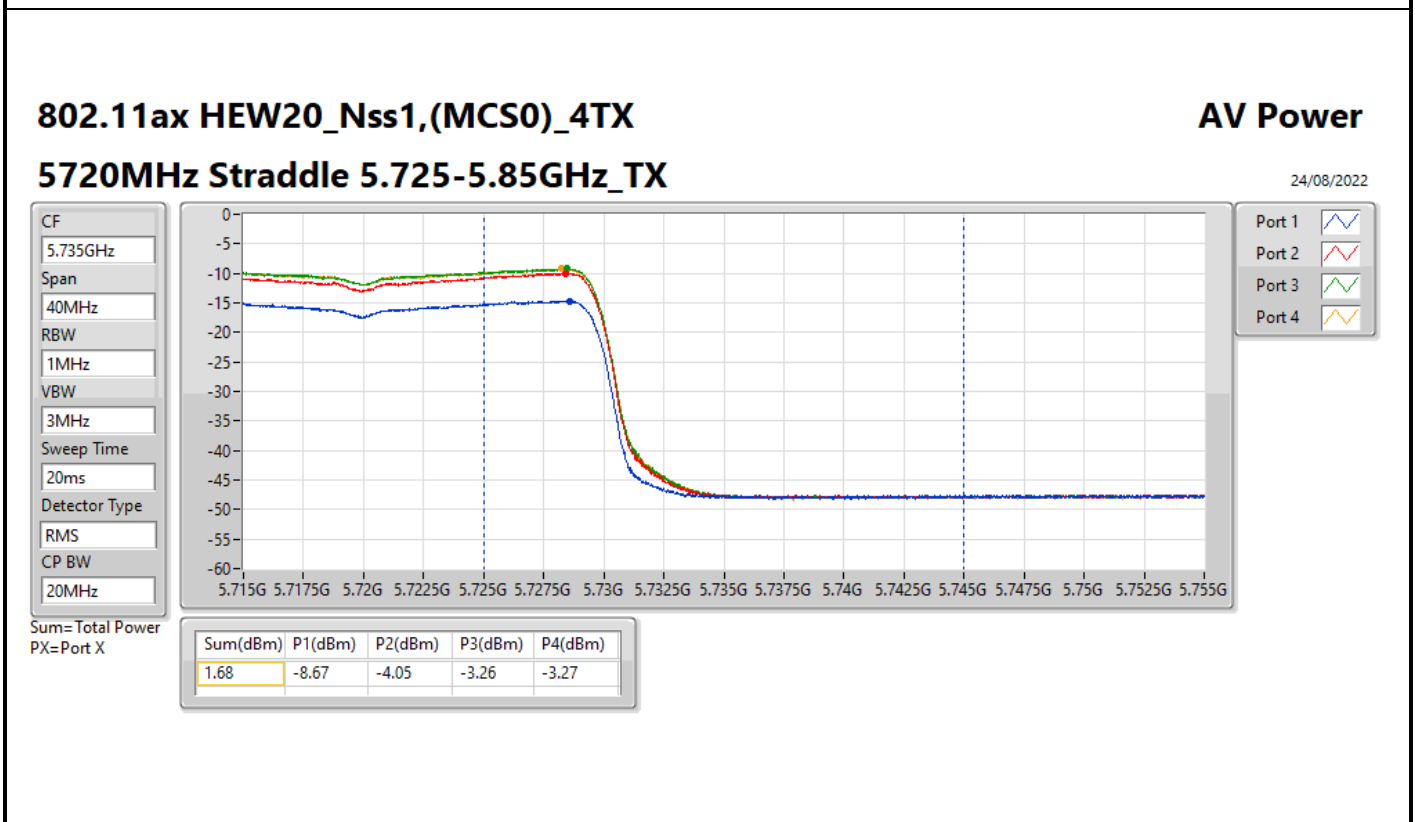
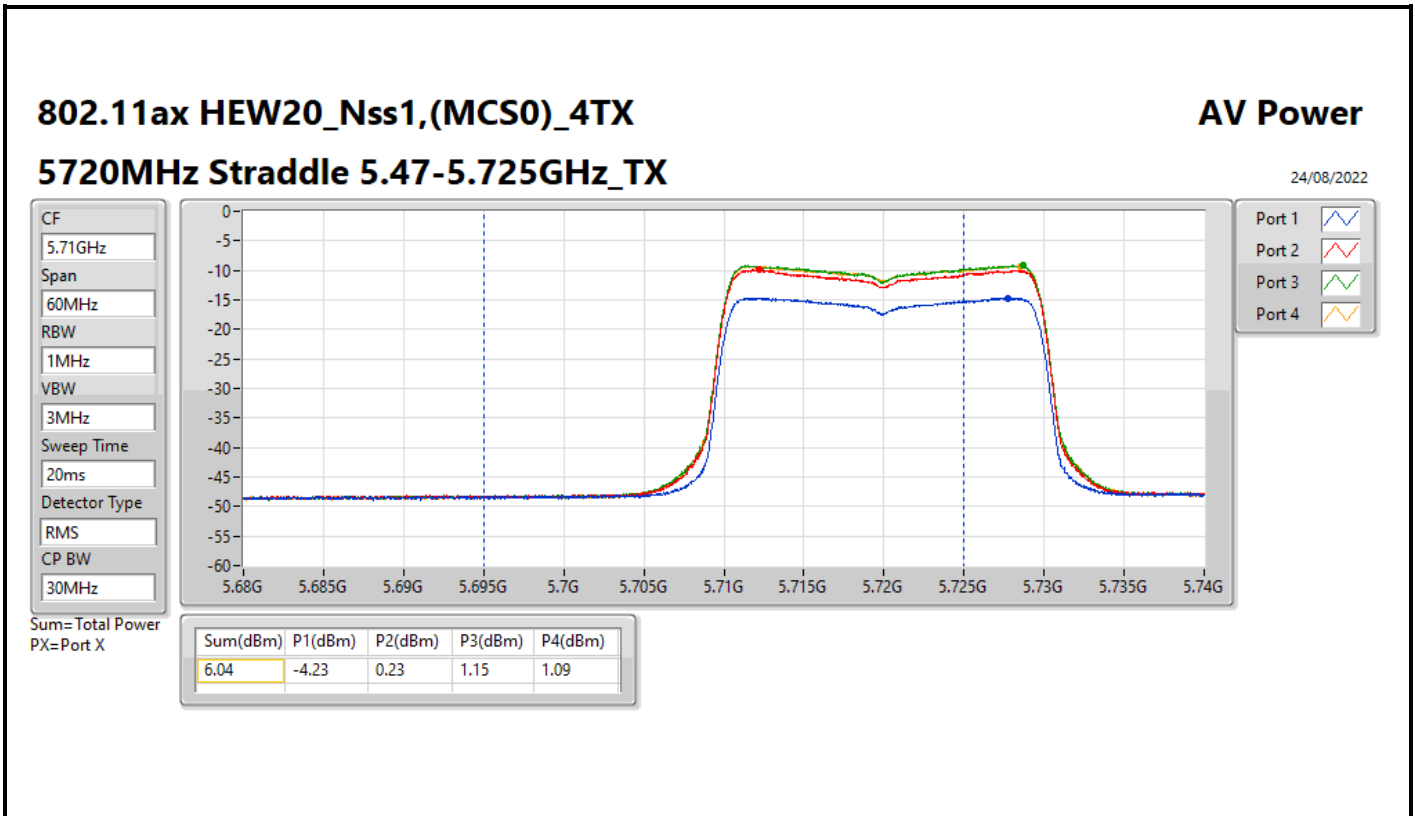


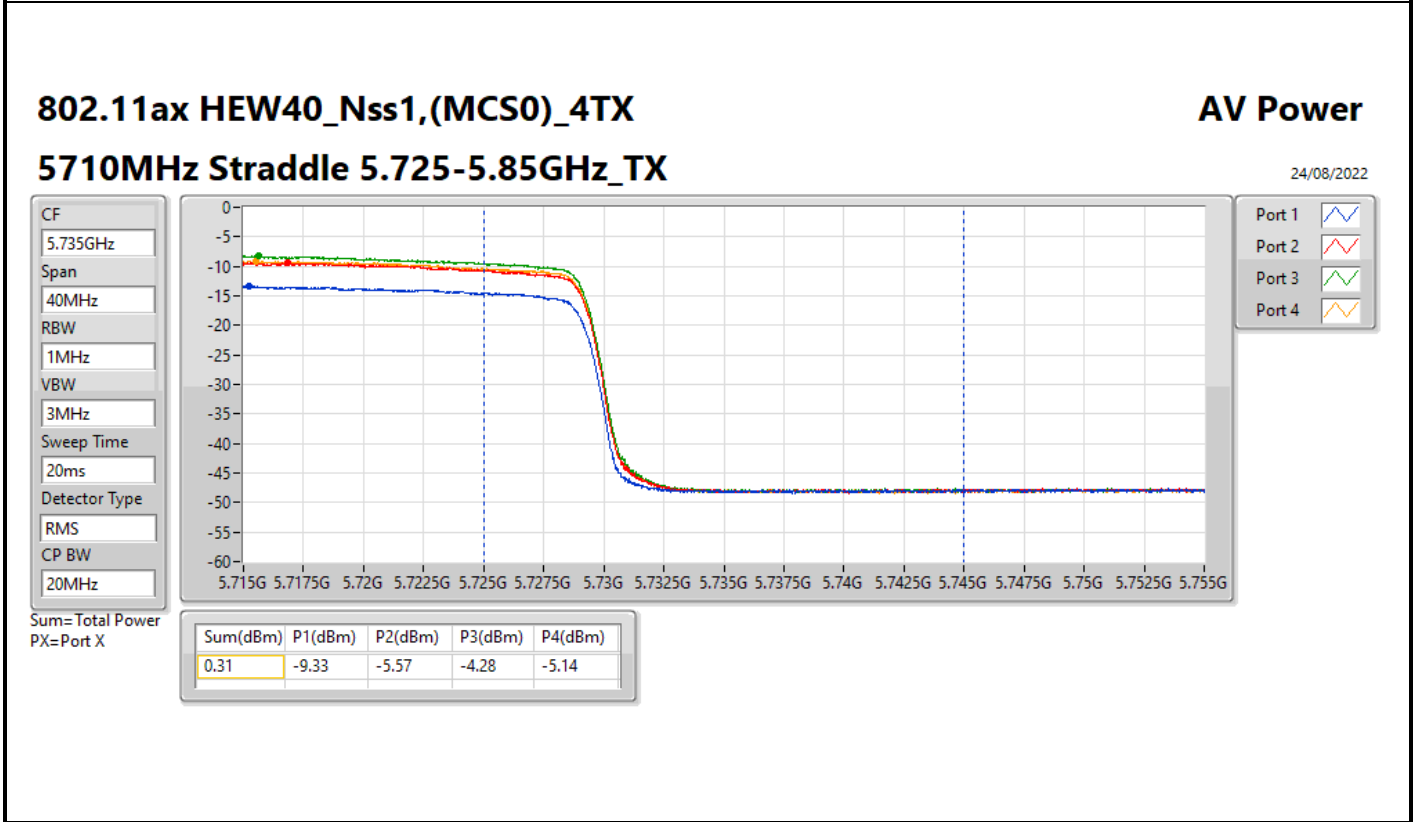
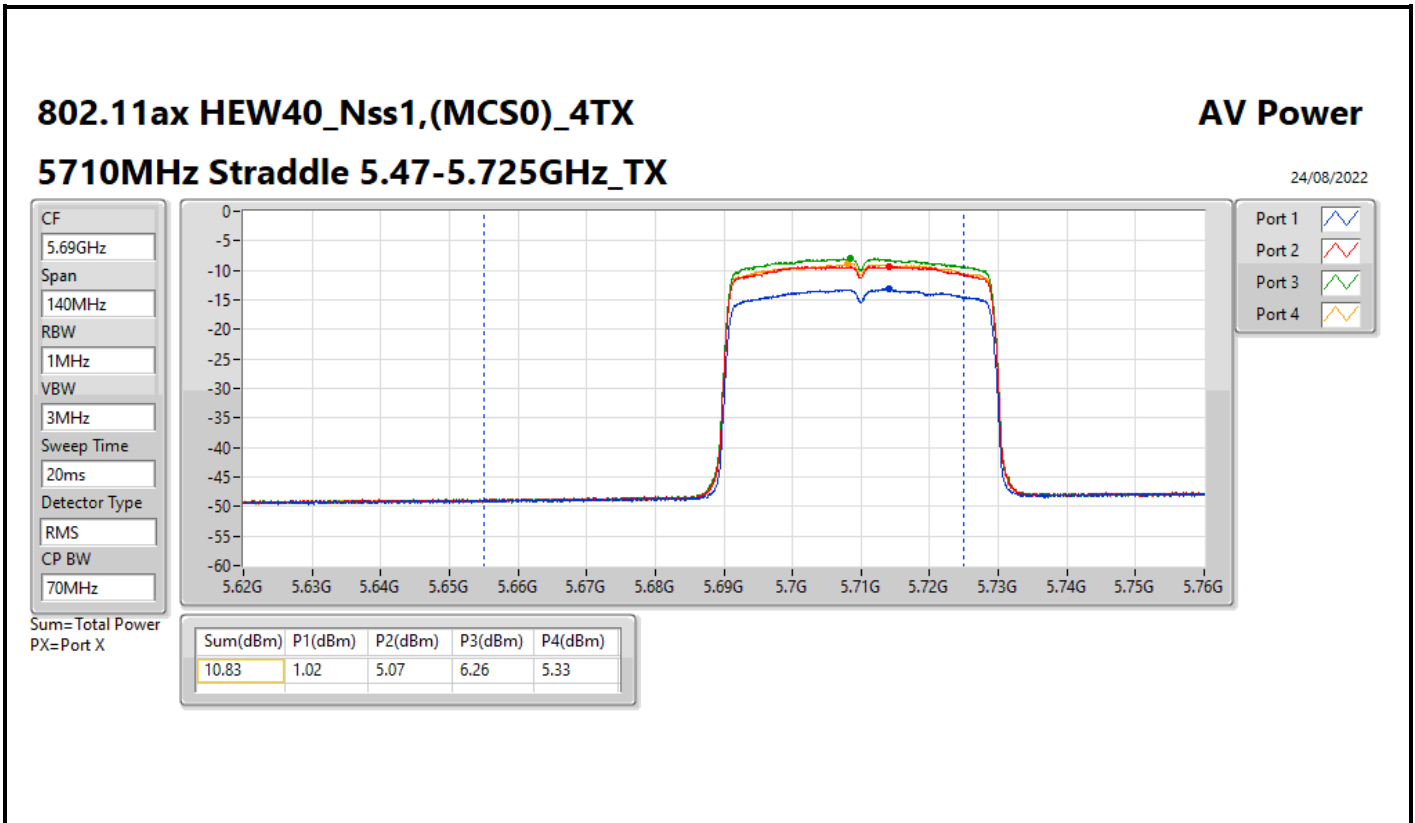


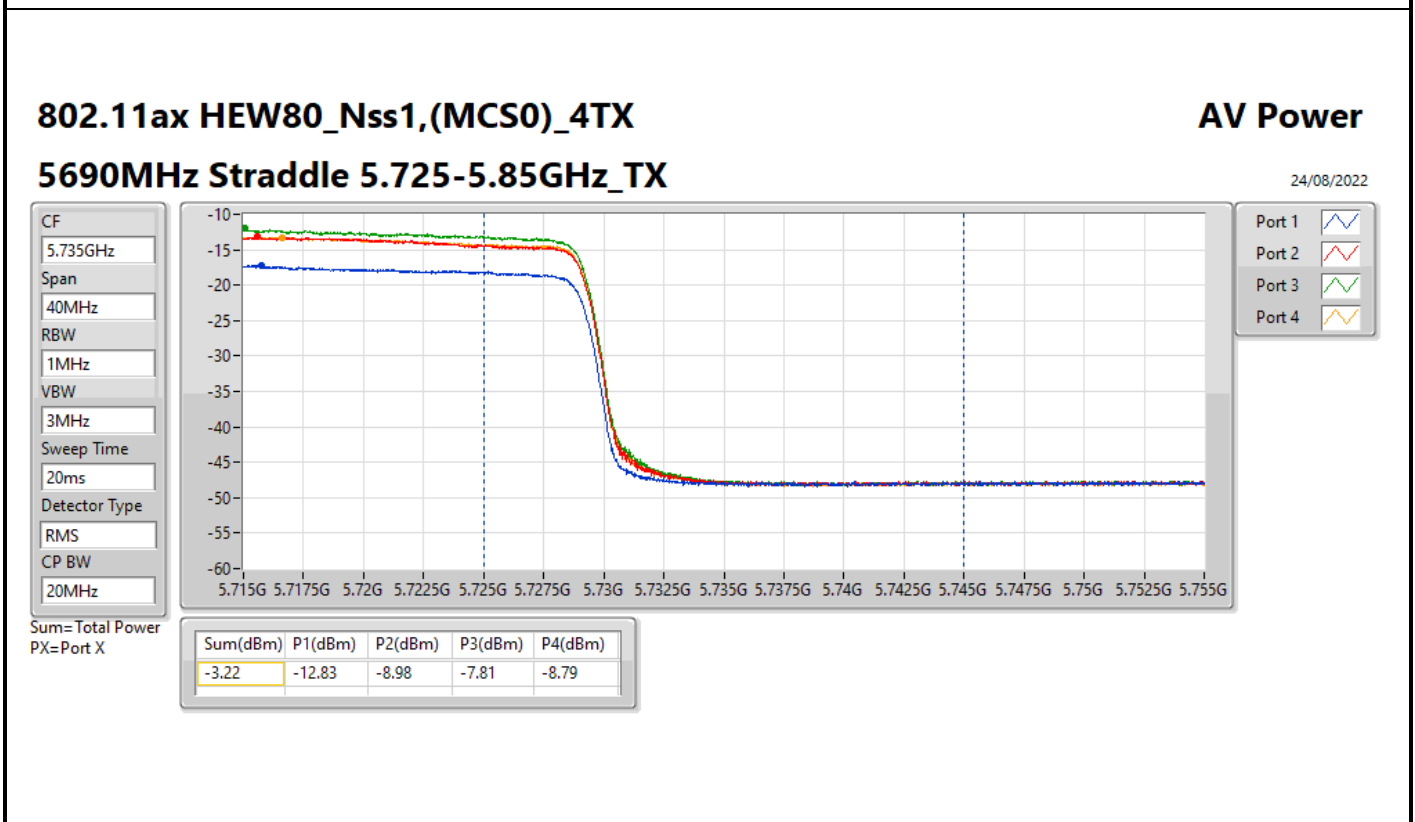
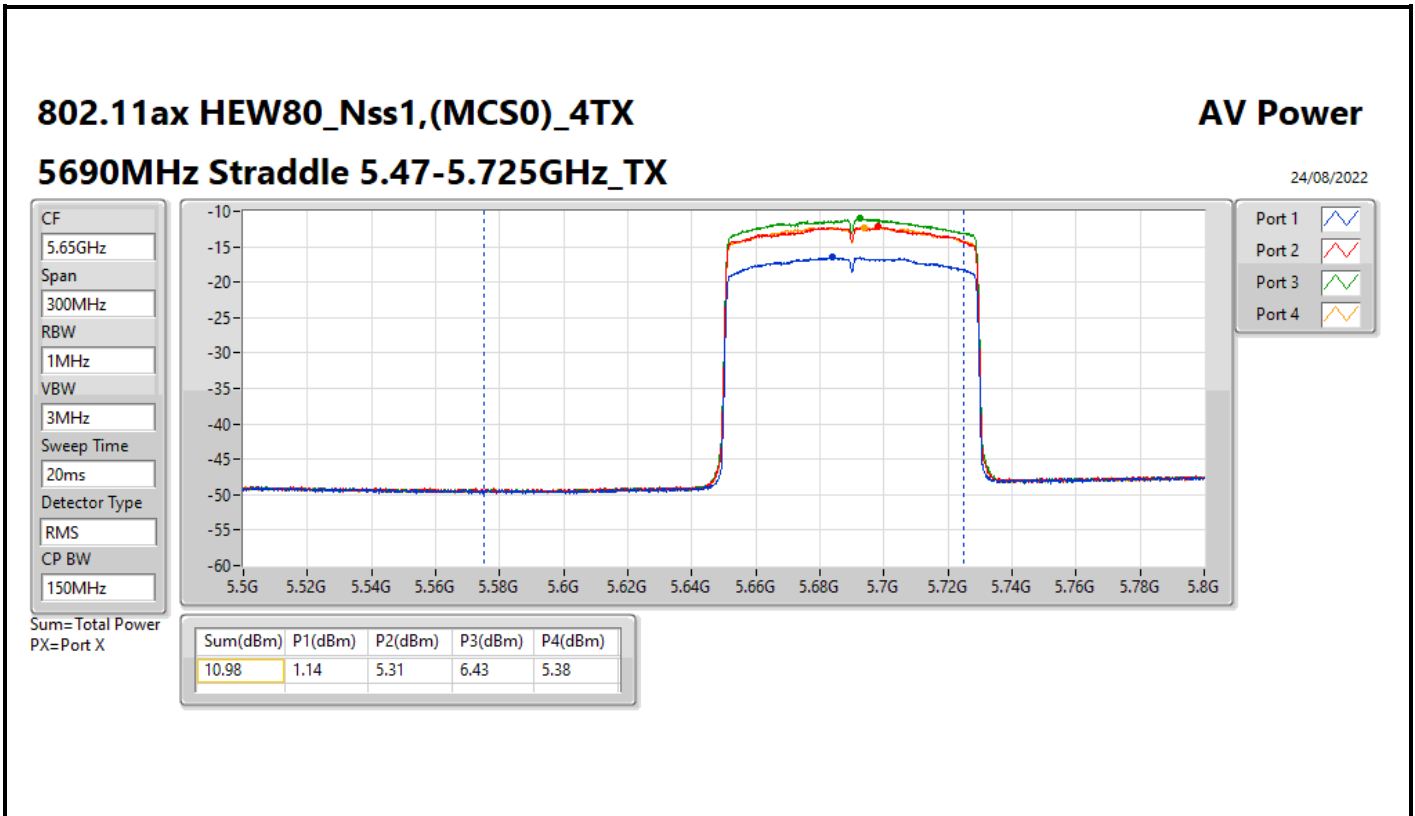


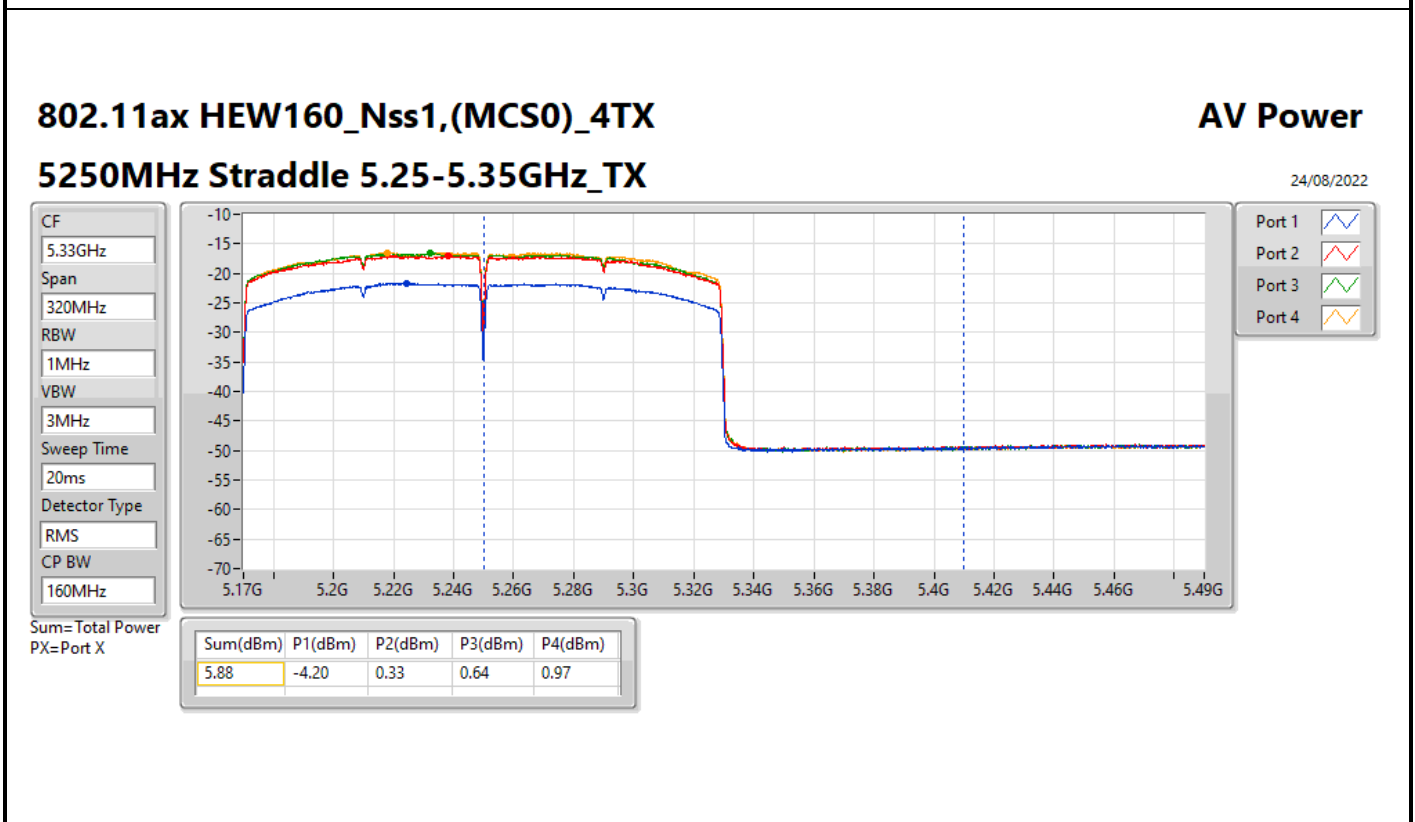
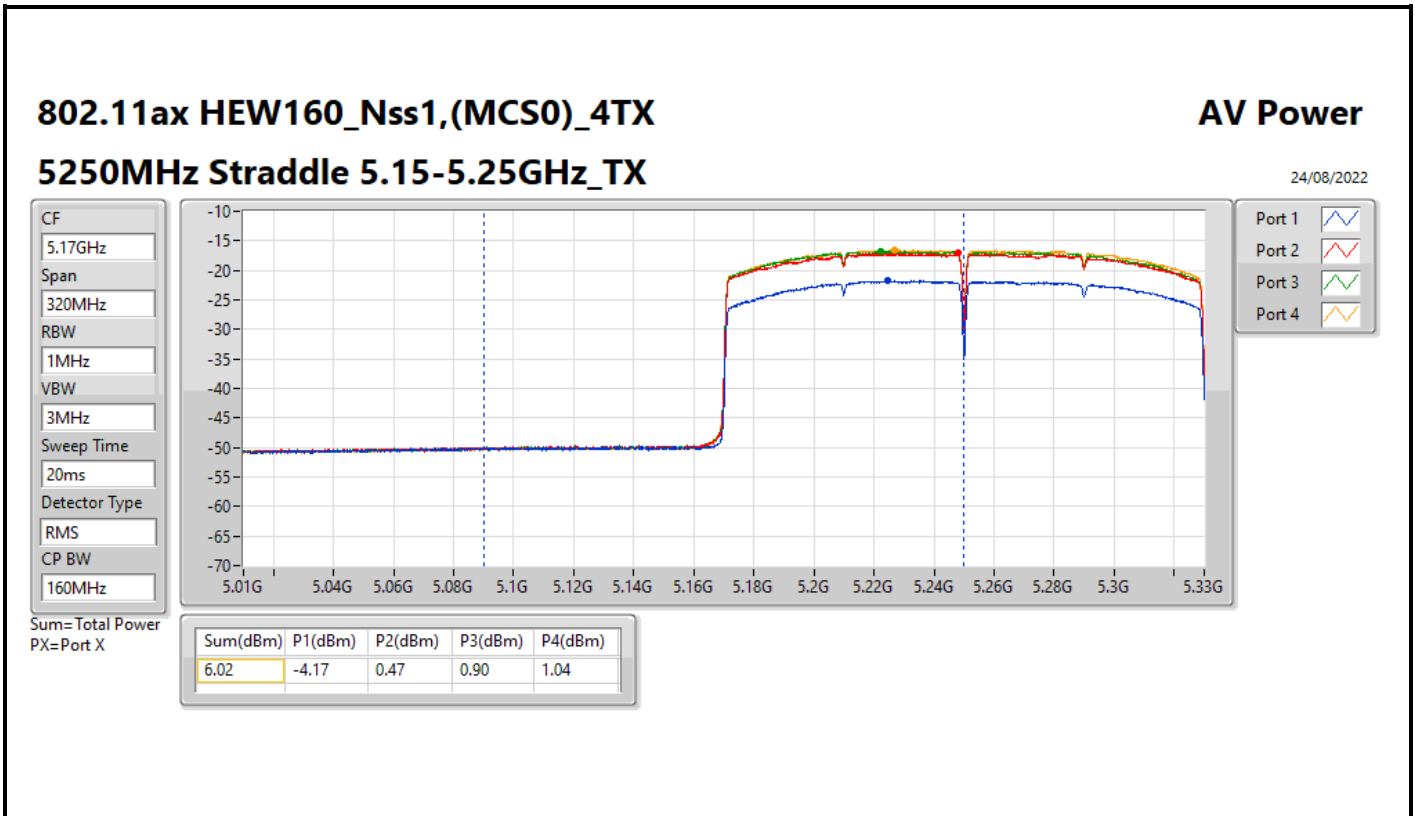














Average Power_Pine R2_Antenna set 10_
Beamforming mode Indoor_P to P

Appendix C.22

Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	6.53	0.00450
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	6.02	0.00400
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.39	0.01377
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	9.17	0.00826
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	11.09	0.01285
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	6.39	0.00436
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.80	0.00603
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.37	0.00687
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	8.14	0.00652
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	5.88	0.00387
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	11.04	0.01271
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	11.43	0.01390
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	11.34	0.01361
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	10.35	0.01084
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	8.34	0.00682
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	8.38	0.00689
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	8.38	0.00689
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	8.23	0.00665
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	5.80	0.00380
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	0.88	0.00122
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-2.69	0.00054
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	1.68	0.00147
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-2.00	0.00063
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-5.79	0.00026



Average Power_Pine R2_Antenna set 10_
Beamforming mode Indoor_P to P

Appendix C.22

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Port 2 (dBm)	Port 3 (dBm)	Port 4 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	5.76	9.50			11.03	11.45
5300MHz	Pass	18.53	6.01	9.90			11.39	11.45
5320MHz	Pass	18.53	4.94	9.18			10.57	11.45
5500MHz	Pass	18.53	5.38	9.13			10.66	11.45
5580MHz	Pass	18.53	5.53	9.23			10.77	11.45
5700MHz	Pass	18.53	5.74	9.52			11.04	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	4.87	8.60			10.13	10.51
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	0.61	4.24			5.80	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	3.66	7.73			9.17	11.45
5310MHz	Pass	18.53	2.61	7.20			8.50	11.45
5510MHz	Pass	18.53	6.27	9.82			11.41	11.45
5550MHz	Pass	18.53	6.32	9.81			11.42	11.45
5670MHz	Pass	18.53	5.94	9.99			11.43	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	5.97	9.75			11.27	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-4.45	-0.63			0.88	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	5.43	9.72			11.09	11.45
5530MHz	Pass	18.53	5.19	9.13			10.60	11.45
5610MHz	Pass	18.53	4.41	10.08			11.12	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	6.22	9.75			11.34	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-7.90	-4.24			-2.69	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	18.53	1.01	5.10			6.53	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	18.53	1.01	4.91			6.39	11.45
5570MHz	Pass	18.53	4.89	8.90			10.35	11.45
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	21.54	-2.25	2.18	2.24	2.89	7.68	8.44
5300MHz	Pass	21.54	-2.44	2.20	2.58	2.98	7.80	8.44
5320MHz	Pass	21.54	-2.48	1.89	2.43	2.82	7.61	8.44
5500MHz	Pass	21.54	-1.65	2.22	2.68	3.06	7.94	8.44
5580MHz	Pass	21.54	-2.55	1.72	2.31	2.67	7.48	8.44
5700MHz	Pass	21.54	-2.53	2.52	3.49	3.5	8.34	8.44
5720MHz Straddle 5.47-5.725GHz	Pass	21.54	-4.23	0.23	1.15	1.09	6.04	7.49
5720MHz Straddle 5.725-5.85GHz	Pass	21.54	-8.67	-4.05	-3.26	-3.27	1.68	30.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	21.54	-2.13	2.84	2.89	2.57	7.99	8.44
5310MHz	Pass	21.54	-1.68	3.10	3.16	3.19	8.37	8.44
5510MHz	Pass	21.54	-1.73	3.03	2.31	3.02	8.05	8.44
5550MHz	Pass	21.54	-1.14	3.23	2.82	3.23	8.38	8.44
5670MHz	Pass	21.54	-1.86	3.44	3.23	2.70	8.34	8.44
5710MHz Straddle 5.47-5.725GHz	Pass	21.54	-2.91	3.38	3.40	3.01	8.37	8.44
5710MHz Straddle 5.725-5.85GHz	Pass	21.54	-13.08	-7.20	-6.74	-7.47	-2.00	30.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	21.54	-1.74	3.02	2.98	2.70	8.14	8.44
5530MHz	Pass	21.54	-1.45	3.05	2.46	3.02	8.13	8.44
5610MHz	Pass	21.54	-0.94	3.15	2.69	3.35	8.38	8.44
5690MHz Straddle 5.47-5.725GHz	Pass	21.54	-1.72	3.24	3.07	2.68	8.24	8.44
5690MHz Straddle 5.725-5.85GHz	Pass	21.54	-16.77	-10.88	-10.48	-11.46	-5.79	30.00
802.11ax HEW160-BF_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	21.54	-4.17	0.47	0.90	1.04	6.02	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	21.54	-4.20	0.33	0.64	0.97	5.88	8.44
5570MHz	Pass	21.54	-1.46	2.94	2.66	3.26	8.23	8.44

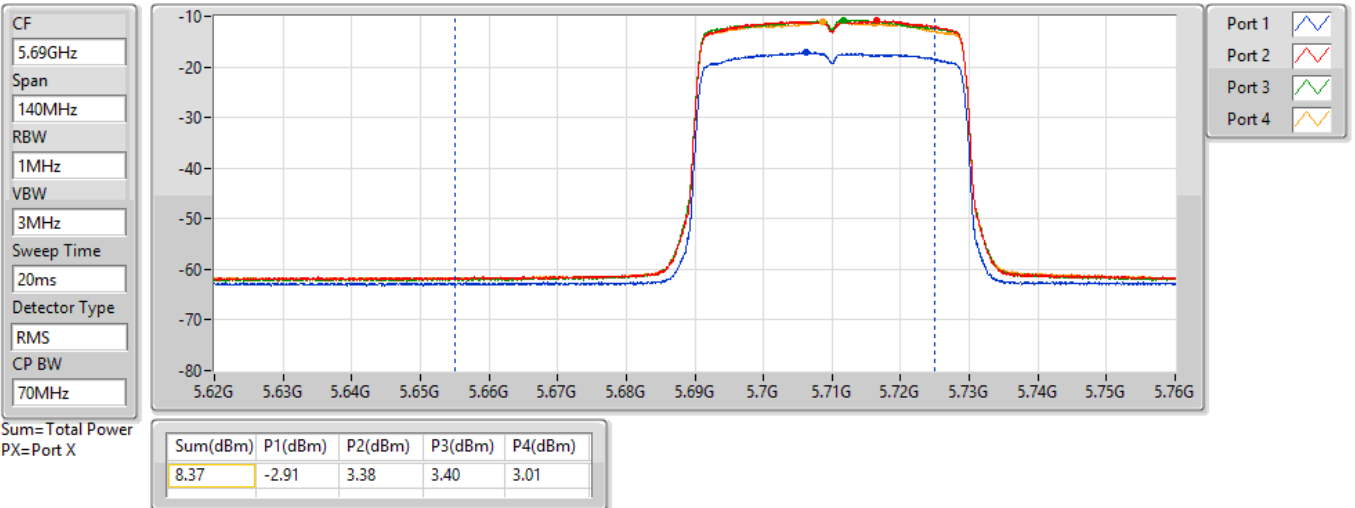
DG = Directional Gain; Port X = Port X output power

802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.47-5.725GHz_TX

08/09/2022

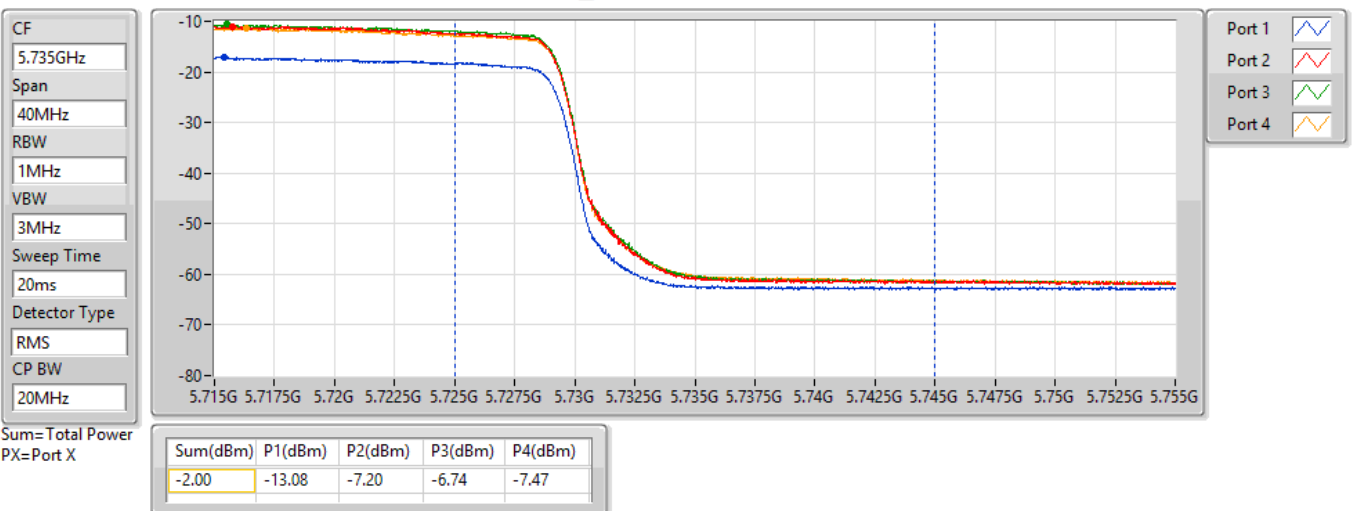


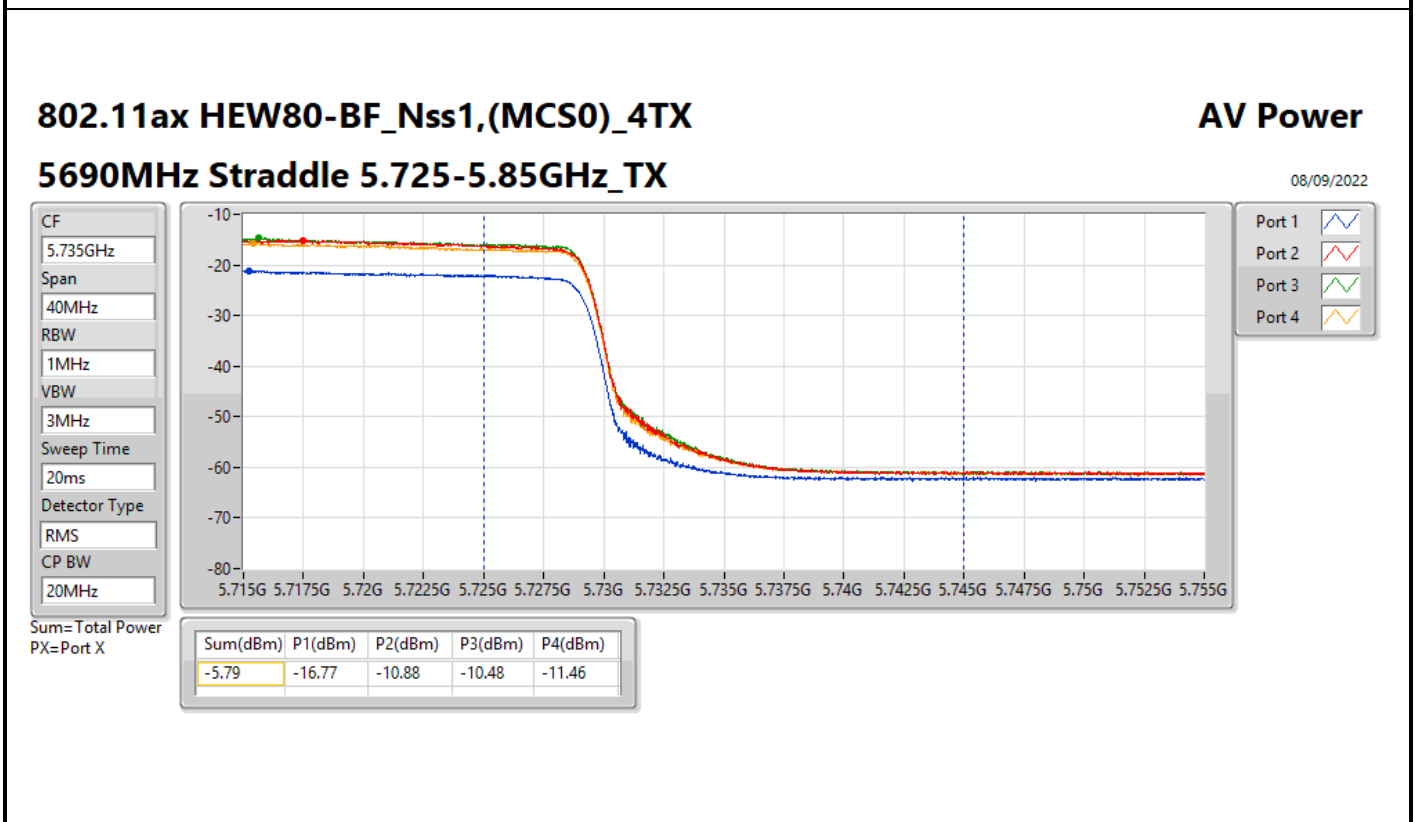
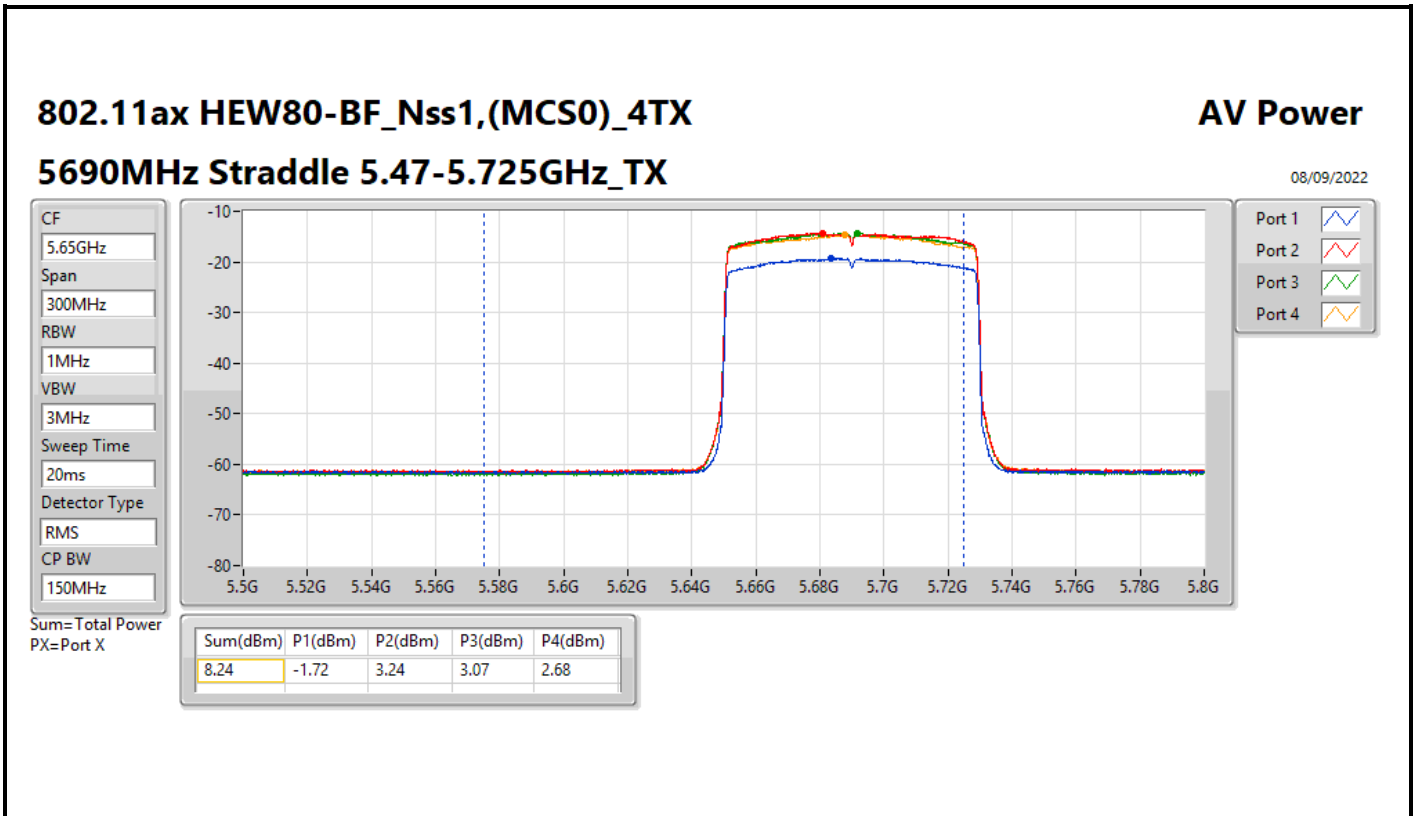
802.11ax HEW40-BF_Nss1,(MCS0)_4TX

AV Power

5710MHz Straddle 5.725-5.85GHz_TX

08/09/2022







Summary

Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	13.04	0.02014
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	15.58	0.03614
802.11ax HEW20_Nss1,(MCS0)_1TX	15.81	0.03811
802.11ax HEW40_Nss1,(MCS0)_1TX	15.75	0.03758
802.11ax HEW80_Nss1,(MCS0)_1TX	15.26	0.03357
802.11ax HEW160_Nss1,(MCS0)_1TX	12.81	0.01910
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	15.92	0.03908
802.11ax HEW20_Nss1,(MCS0)_1TX	16.86	0.04853
802.11ax HEW40_Nss1,(MCS0)_1TX	16.66	0.04634
802.11ax HEW80_Nss1,(MCS0)_1TX	16.49	0.04457
802.11ax HEW160_Nss1,(MCS0)_1TX	16.23	0.04198
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	9.71	0.00935
802.11ax HEW20_Nss1,(MCS0)_1TX	10.93	0.01239
802.11ax HEW40_Nss1,(MCS0)_1TX	5.44	0.00350
802.11ax HEW80_Nss1,(MCS0)_1TX	2.17	0.00165



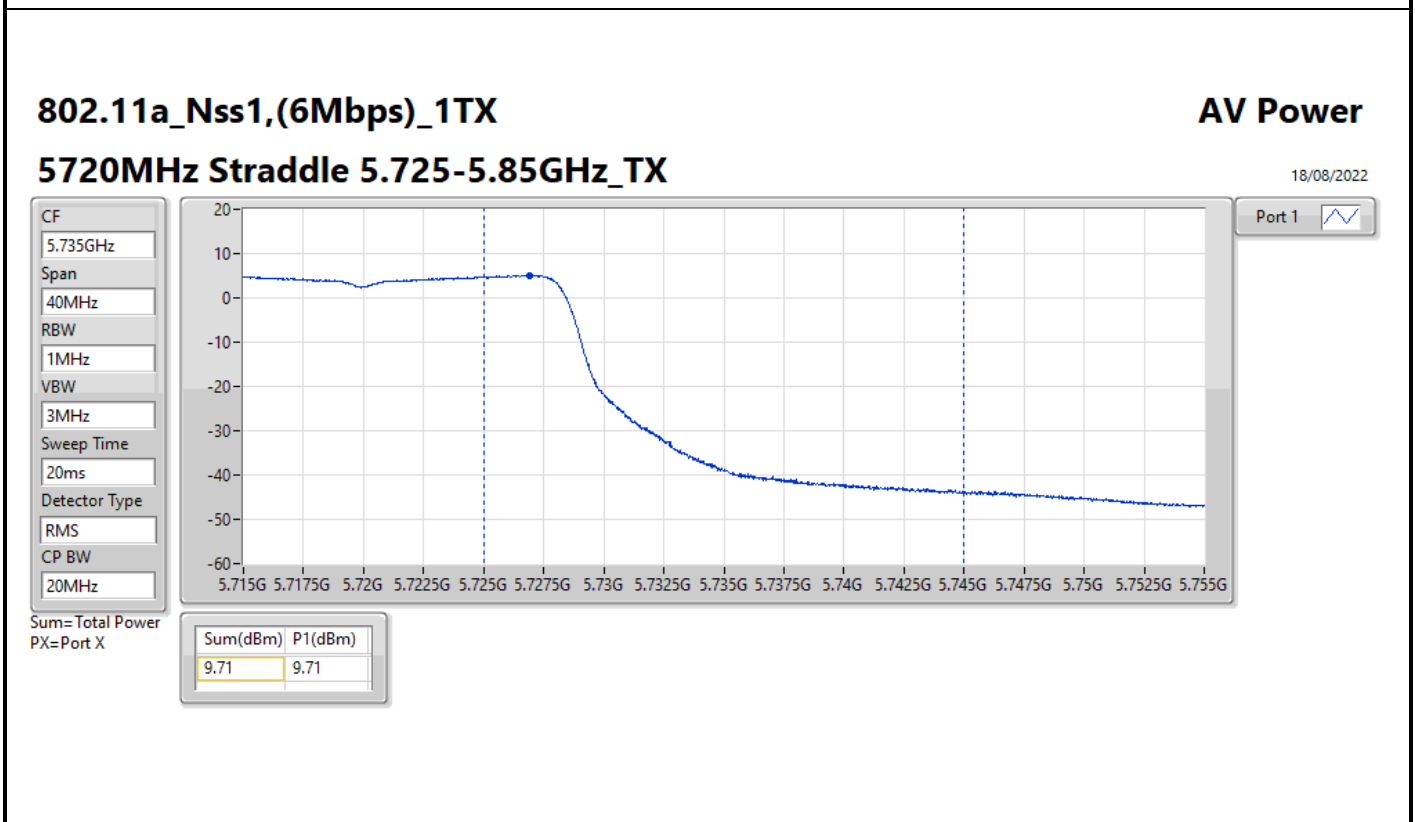
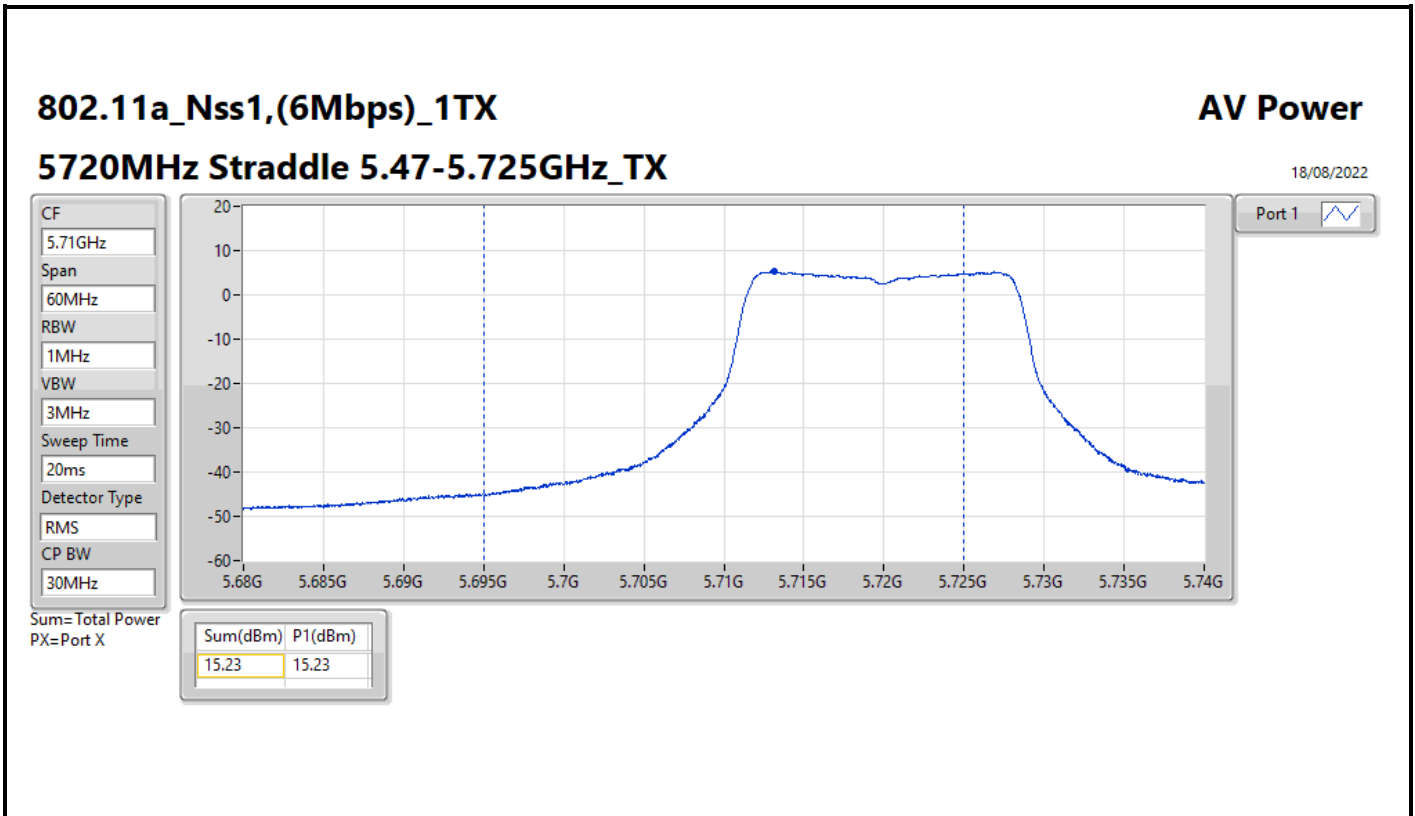
Average Power_Scanning R3_Antenna set 3_Indoor_P to M_
P to P

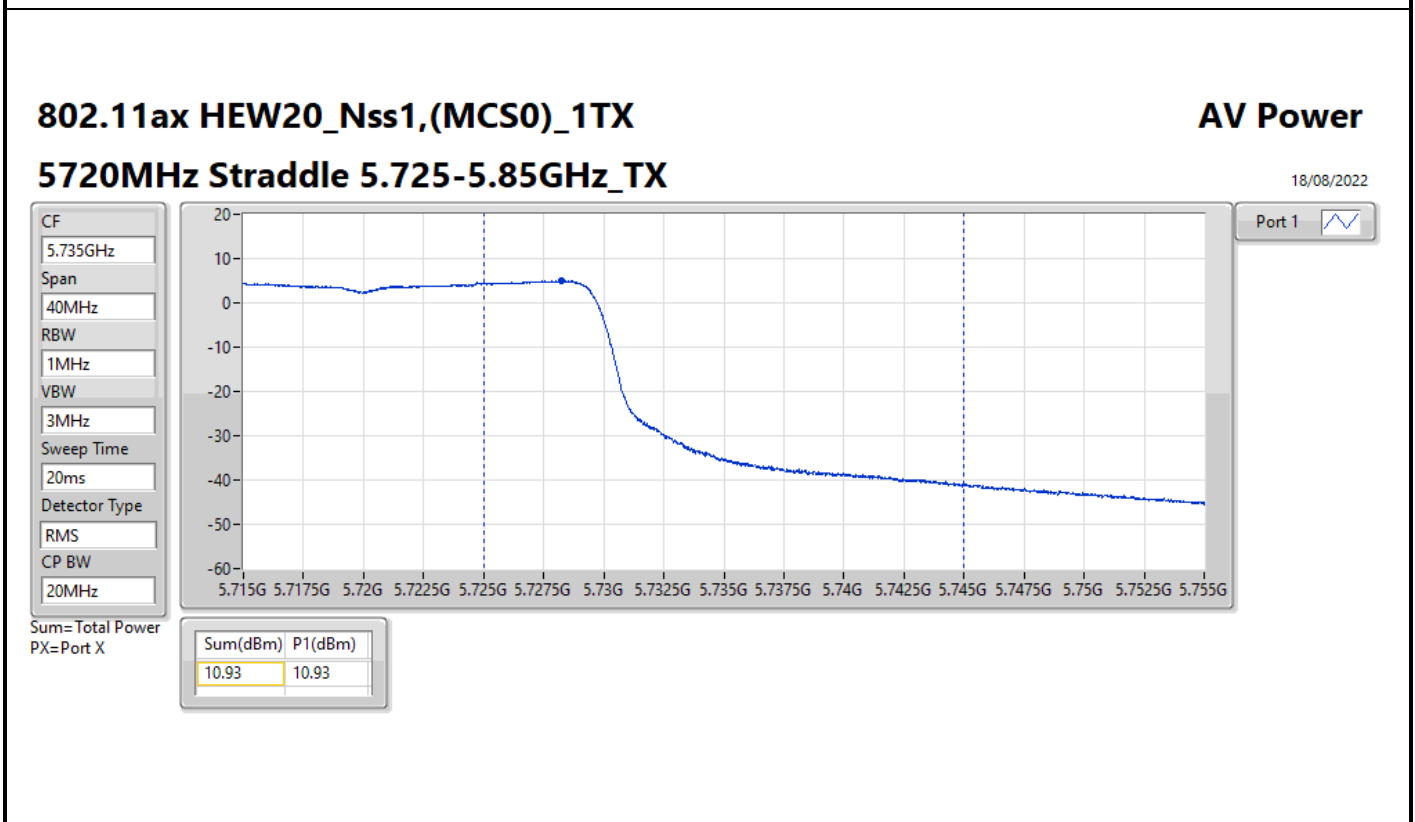
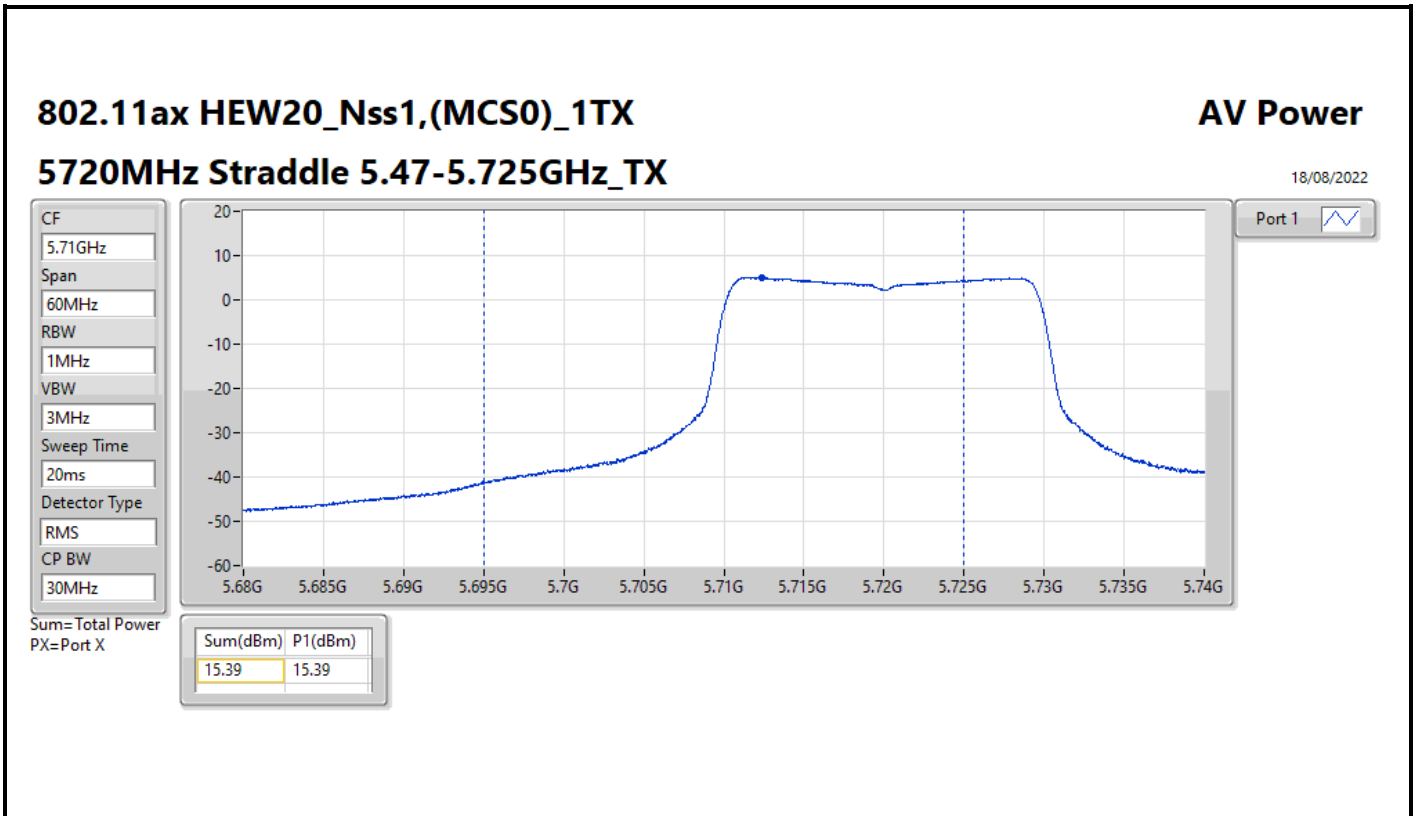
Appendix C.23

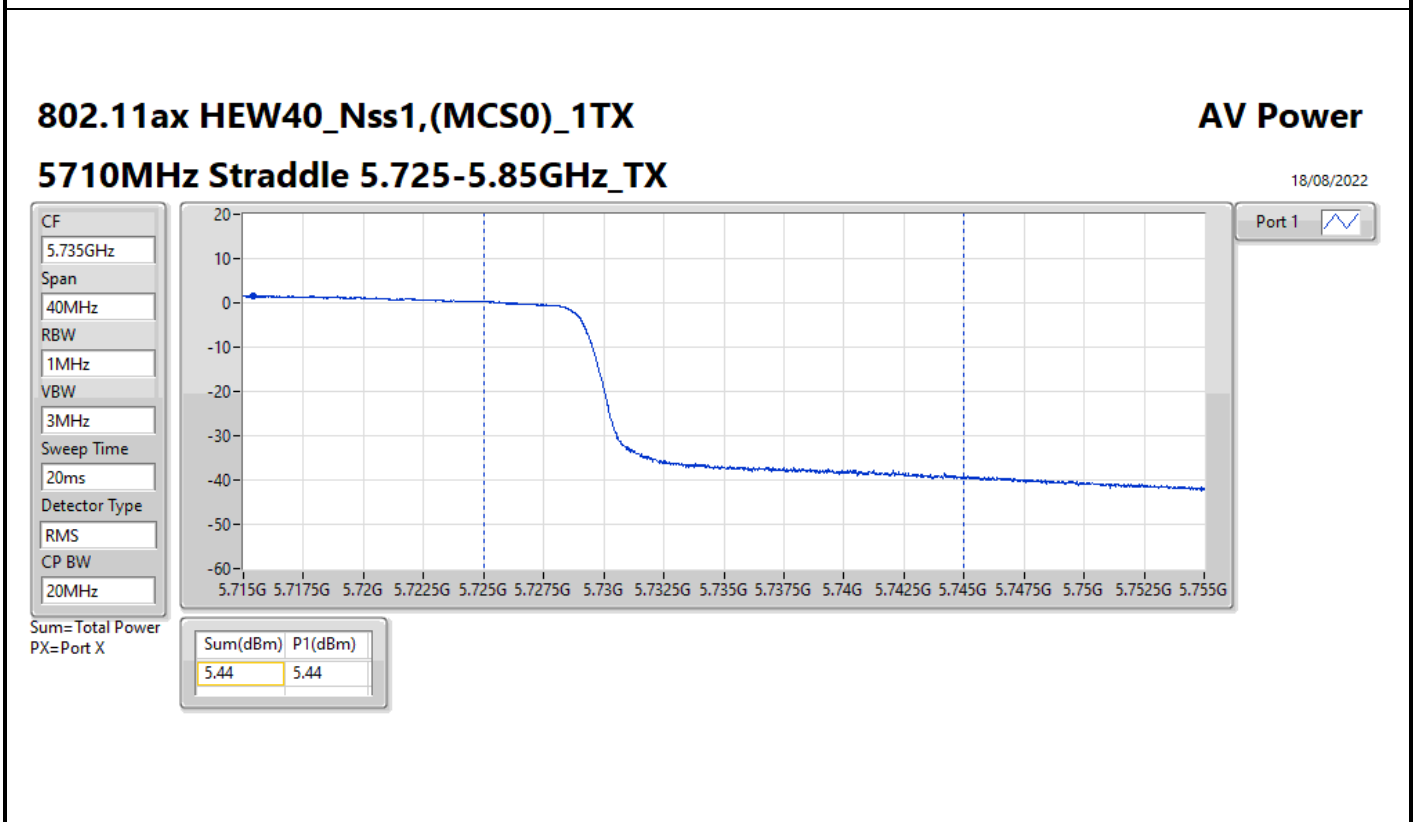
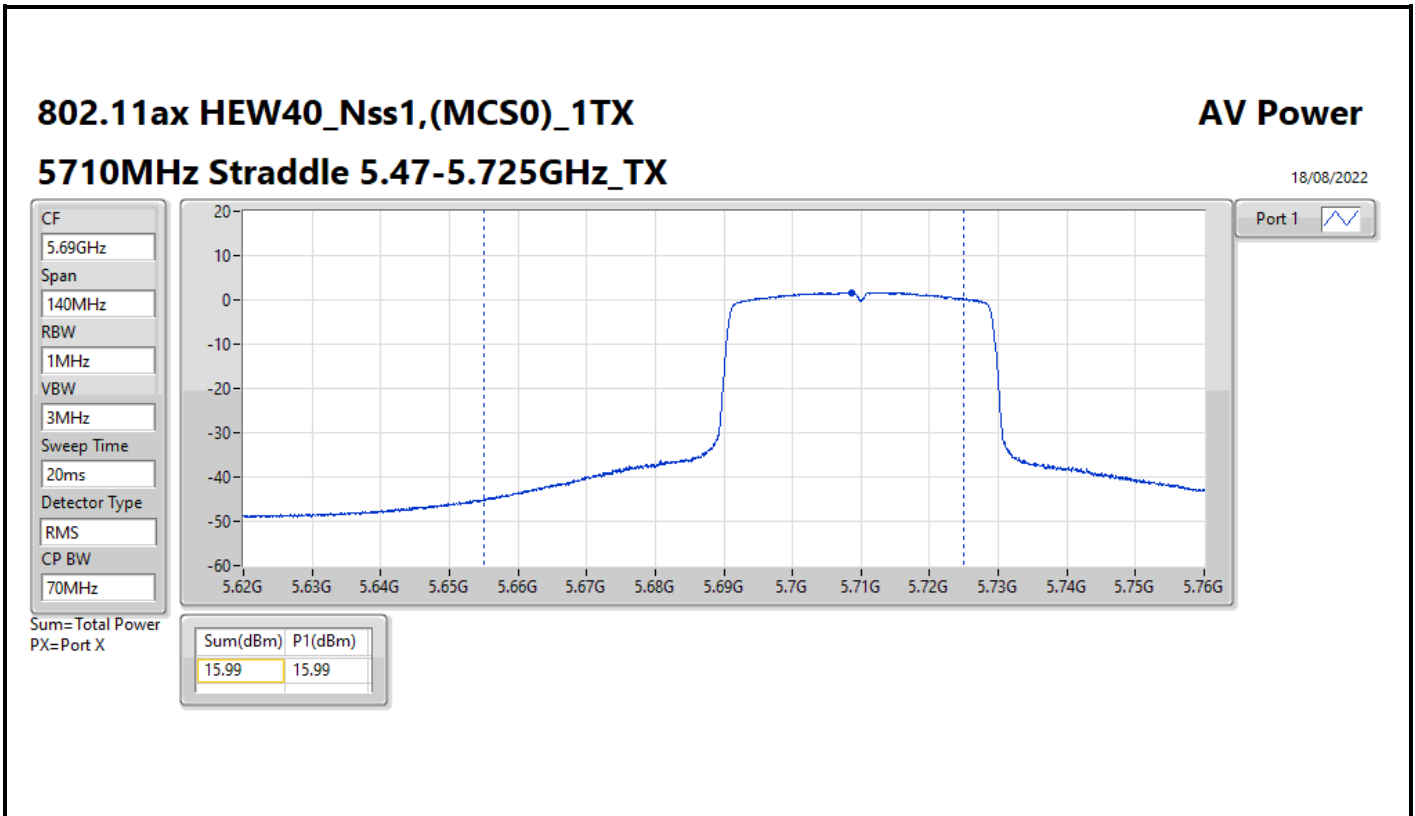
Result

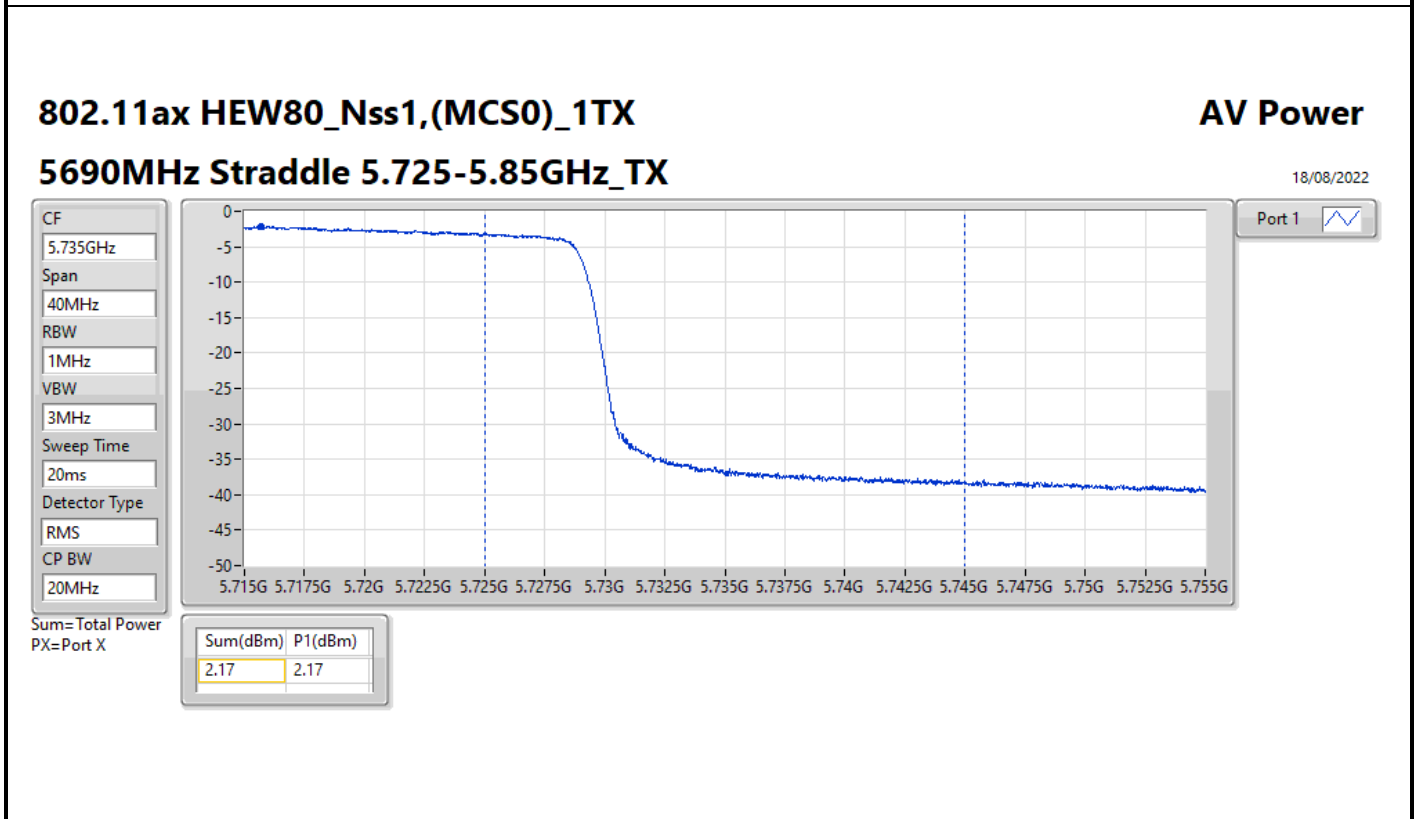
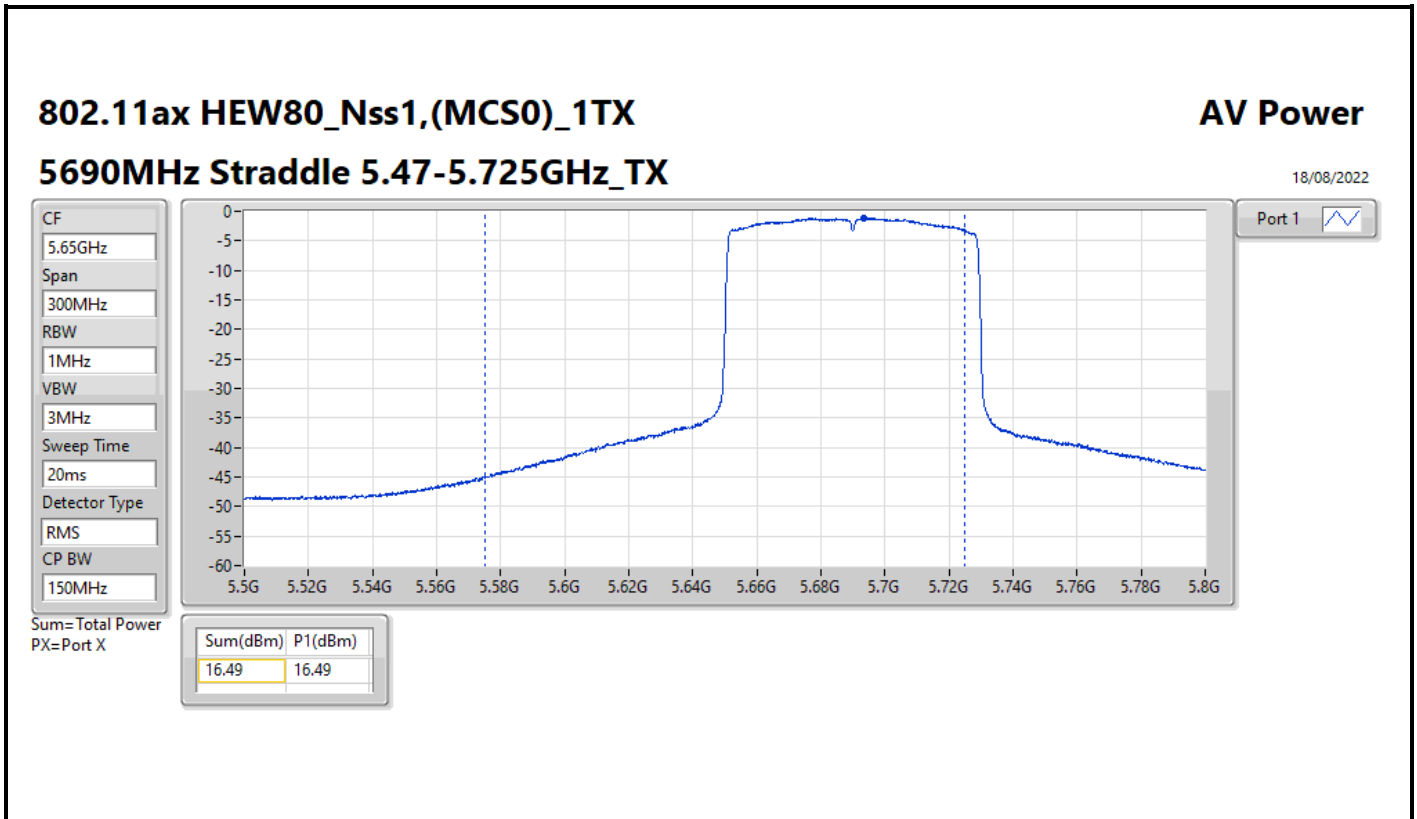
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	3.00	15.58	15.58	23.98
5300MHz	Pass	3.00	15.13	15.13	23.98
5320MHz	Pass	3.00	14.86	14.86	23.98
5500MHz	Pass	3.00	15.18	15.18	23.98
5580MHz	Pass	3.00	15.63	15.63	23.98
5700MHz	Pass	3.00	15.92	15.92	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	15.23	15.23	22.85
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	9.71	9.71	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	3.00	15.81	15.81	23.98
5300MHz	Pass	3.00	15.65	15.65	23.98
5320MHz	Pass	3.00	15.19	15.19	23.98
5500MHz	Pass	3.00	15.57	15.57	23.98
5580MHz	Pass	3.00	16.43	16.43	23.98
5700MHz	Pass	3.00	16.86	16.86	23.98
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	15.39	15.39	23.22
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	10.93	10.93	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	3.00	15.75	15.75	23.98
5310MHz	Pass	3.00	15.44	15.44	23.98
5510MHz	Pass	3.00	15.53	15.53	23.98
5550MHz	Pass	3.00	15.80	15.80	23.98
5670MHz	Pass	3.00	16.66	16.66	23.98
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	15.99	15.99	23.98
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	5.44	5.44	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	3.00	15.26	15.26	23.98
5530MHz	Pass	3.00	15.49	15.49	23.98
5610MHz	Pass	3.00	16.40	16.40	23.98
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	16.49	16.49	23.98
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	2.17	2.17	30.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00	13.04	13.04	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	12.81	12.81	23.98
5570MHz	Pass	3.00	16.23	16.23	23.98

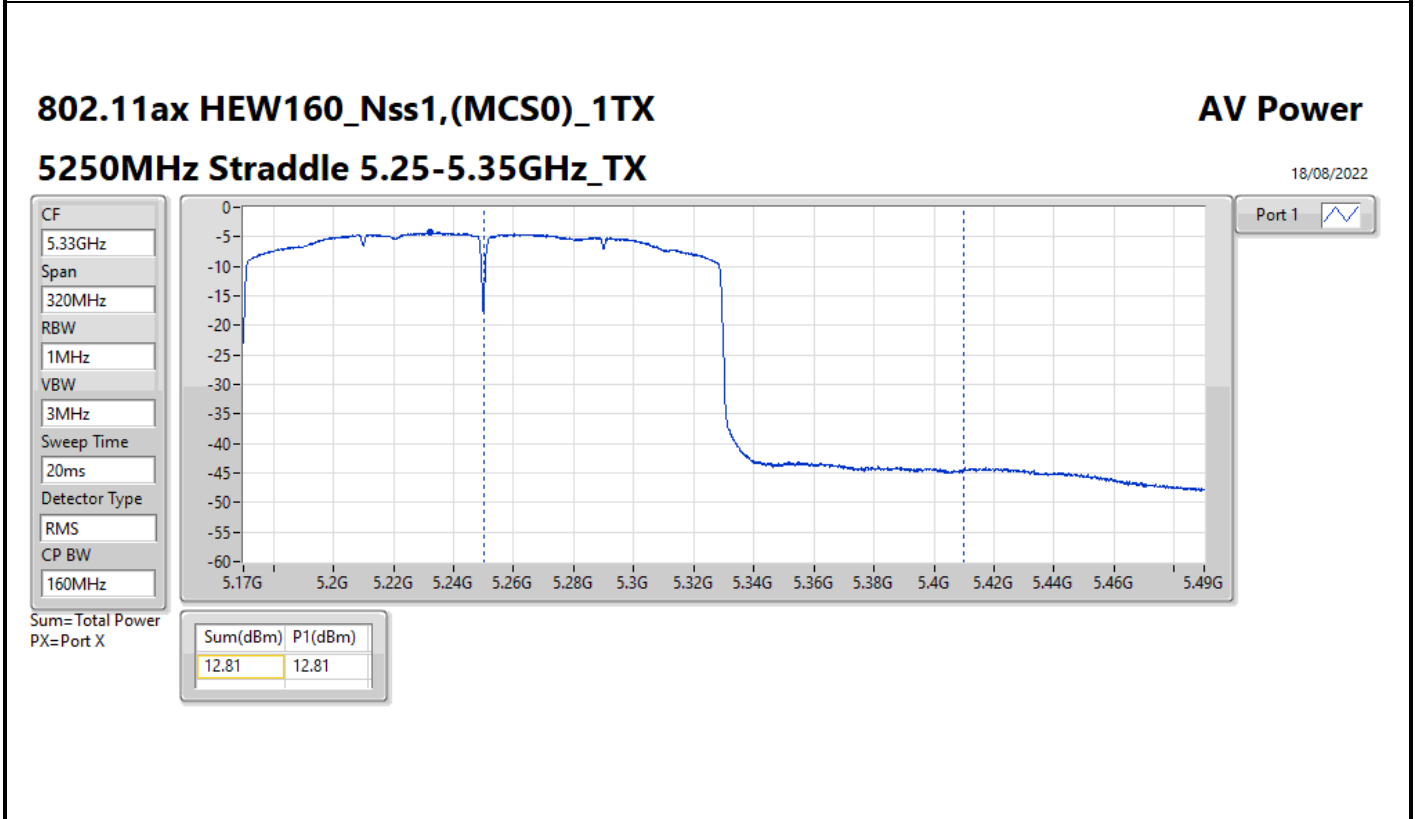
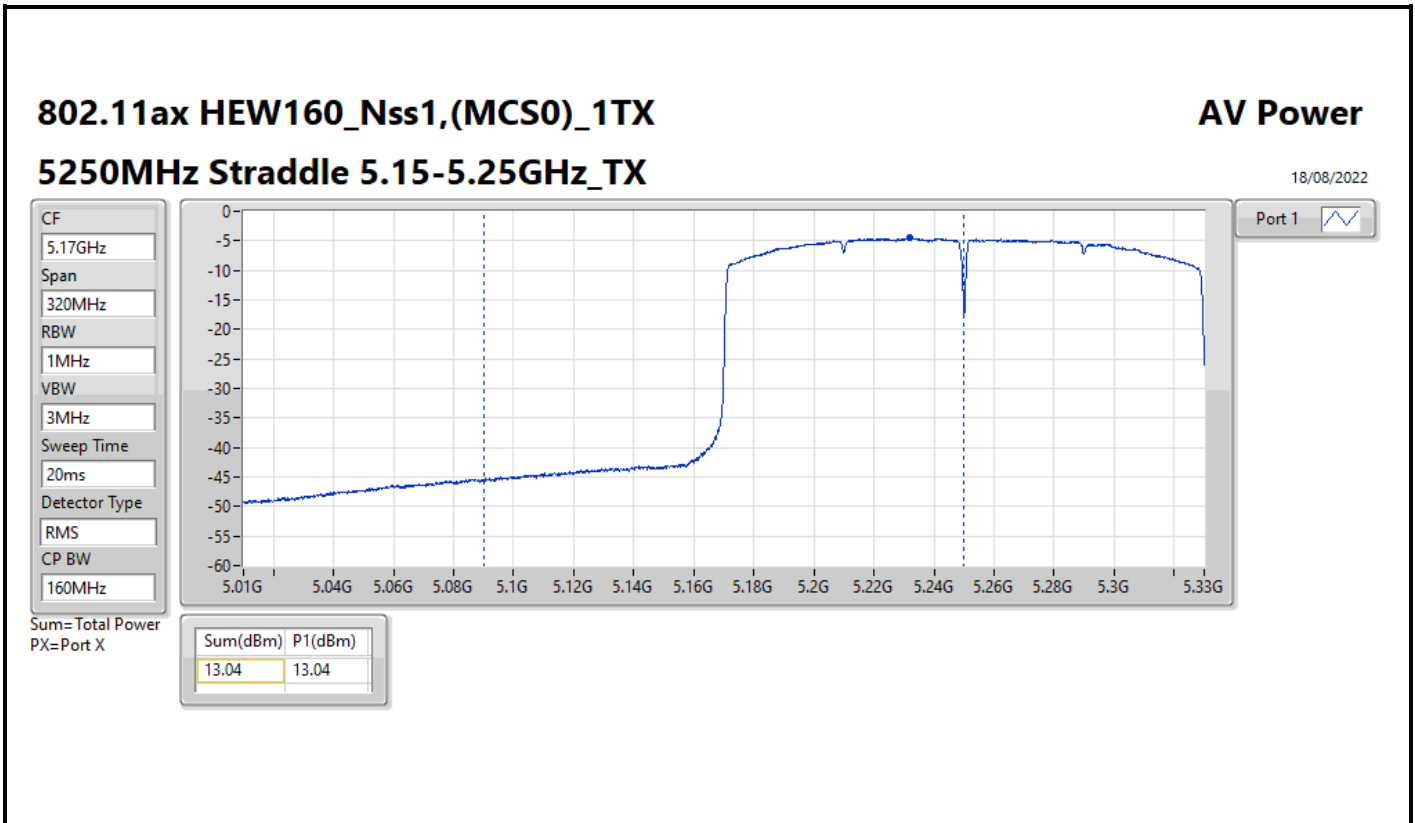
DG = Directional Gain; Port X = Port X output power













Average Power Scanning R3_Antenna set 3_Outdoor_P to M_P to P

Appendix C.24

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	13.04	0.02014	16.04/13.04	0.04018/0.02014
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.58	0.03614	18.58	0.07211
802.11ax HEW20_Nss1,(MCS0)_1TX	15.81	0.03811	18.81	0.07603
802.11ax HEW40_Nss1,(MCS0)_1TX	15.75	0.03758	18.75	0.07499
802.11ax HEW80_Nss1,(MCS0)_1TX	15.26	0.03357	18.26	0.06699
802.11ax HEW160_Nss1,(MCS0)_1TX	12.81	0.01910	15.81	0.03811
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	15.92	0.03908	18.92	0.07798
802.11ax HEW20_Nss1,(MCS0)_1TX	16.86	0.04853	19.86	0.09683
802.11ax HEW40_Nss1,(MCS0)_1TX	16.66	0.04634	19.66	0.09247
802.11ax HEW80_Nss1,(MCS0)_1TX	16.49	0.04457	19.49	0.08892
802.11ax HEW160_Nss1,(MCS0)_1TX	16.23	0.04198	19.23	0.08375
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	9.71	0.00935	12.71	0.01866
802.11ax HEW20_Nss1,(MCS0)_1TX	10.93	0.01239	13.93	0.02472
802.11ax HEW40_Nss1,(MCS0)_1TX	5.44	0.00350	8.44	0.00698
802.11ax HEW80_Nss1,(MCS0)_1TX	2.17	0.00165	5.17	0.00329



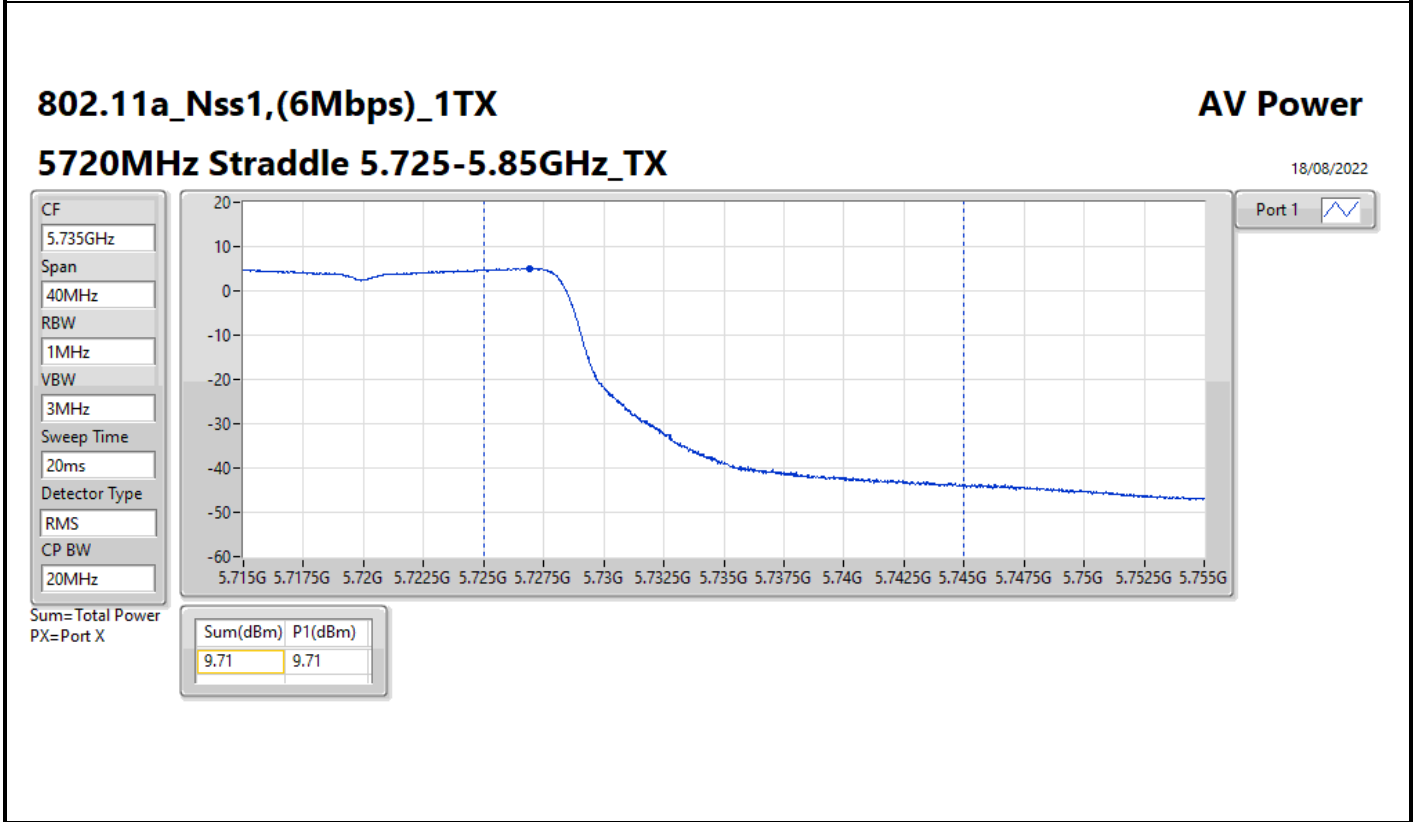
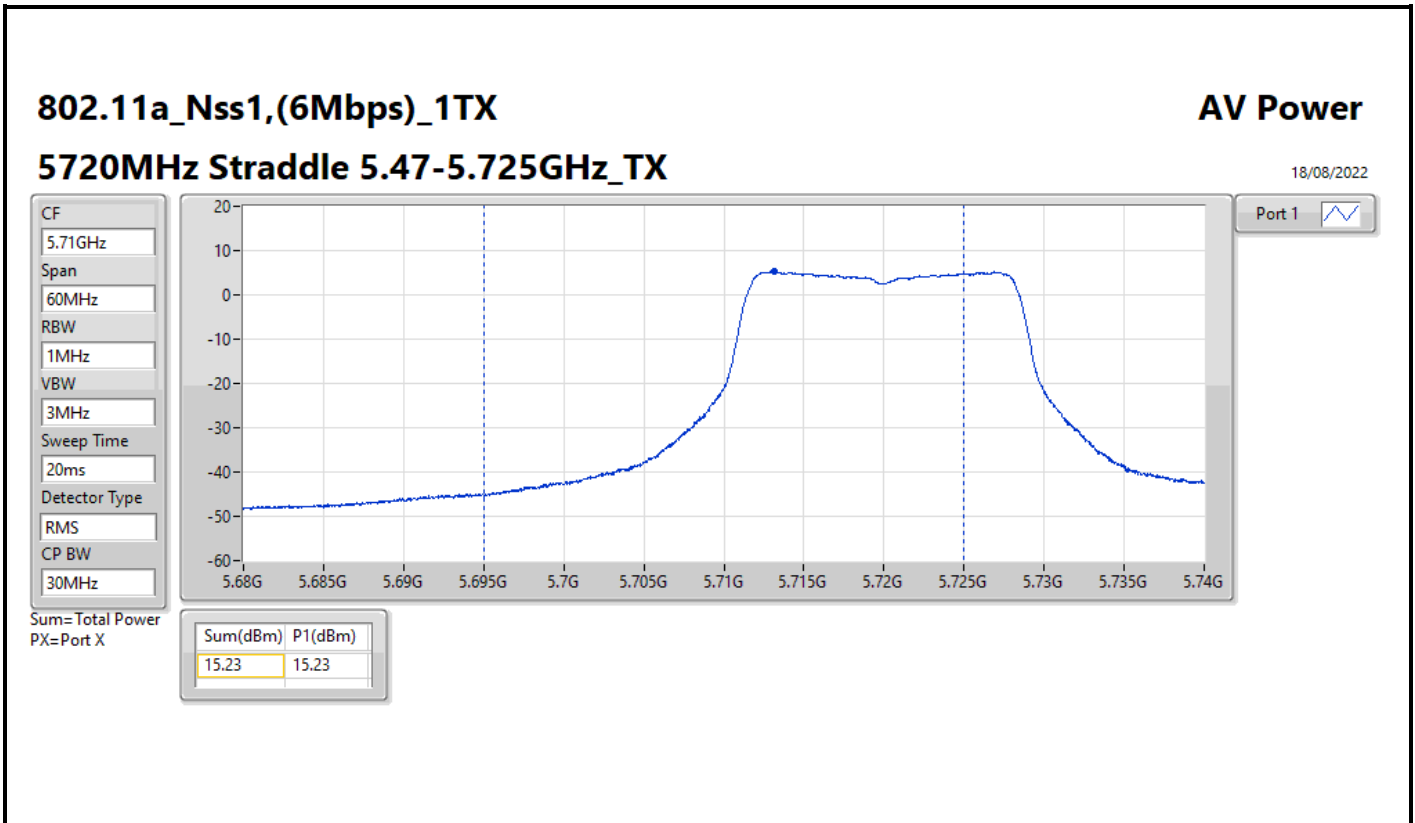
**Average Power Scanning R3 Antenna set 3 Outdoor P to M
P to P**

Appendix C.24

Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP /Elevation angle higher than 30° EIRP (dBm)	EIRP Limit / Elevation angle higher than 30° EIRP Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	3.00	15.58	15.58	23.98	18.58	Inf
5300MHz	Pass	3.00	15.13	15.13	23.98	18.13	Inf
5320MHz	Pass	3.00	14.86	14.86	23.98	17.86	Inf
5500MHz	Pass	3.00	15.18	15.18	23.98	18.18	Inf
5580MHz	Pass	3.00	15.63	15.63	23.98	18.63	Inf
5700MHz	Pass	3.00	15.92	15.92	23.98	18.92	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	15.23	15.23	22.85	18.23	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	9.71	9.71	30.00	12.71	Inf
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	3.00	15.81	15.81	23.98	18.81	Inf
5300MHz	Pass	3.00	15.65	15.65	23.98	18.65	Inf
5320MHz	Pass	3.00	15.19	15.19	23.98	18.19	Inf
5500MHz	Pass	3.00	15.57	15.57	23.98	18.57	Inf
5580MHz	Pass	3.00	16.43	16.43	23.98	19.43	Inf
5700MHz	Pass	3.00	16.86	16.86	23.98	19.86	Inf
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	15.39	15.39	23.22	18.39	Inf
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	10.93	10.93	30.00	13.93	Inf
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	3.00	15.75	15.75	23.98	18.75	Inf
5310MHz	Pass	3.00	15.44	15.44	23.98	18.44	Inf
5510MHz	Pass	3.00	15.53	15.53	23.98	18.53	Inf
5550MHz	Pass	3.00	15.80	15.80	23.98	18.80	Inf
5670MHz	Pass	3.00	16.66	16.66	23.98	19.66	Inf
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	15.99	15.99	23.98	18.99	Inf
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	5.44	5.44	30.00	8.44	Inf
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	3.00	15.26	15.26	23.98	18.26	Inf
5530MHz	Pass	3.00	15.49	15.49	23.98	18.49	Inf
5610MHz	Pass	3.00	16.40	16.40	23.98	19.40	Inf
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	16.49	16.49	23.98	19.49	Inf
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	2.17	2.17	30.00	5.17	Inf
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	3.00	13.04	13.04	30.00	16.04/13.04	36.00/21.00
5250MHz Straddle 5.25-5.35GHz	Pass	3.00	12.81	12.81	23.98	15.81	Inf
5570MHz	Pass	3.00	16.23	16.23	23.98	19.23	Inf

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



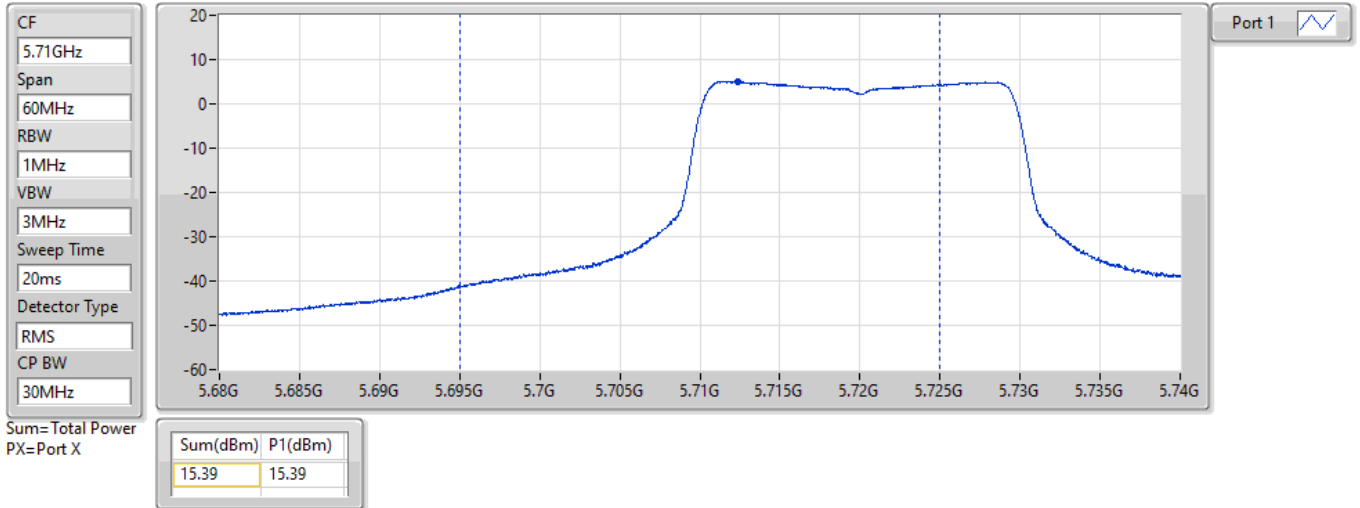


802.11ax HEW20_Nss1,(MCS0)_1TX

AV Power

5720MHz Straddle 5.47-5.725GHz_TX

18/08/2022

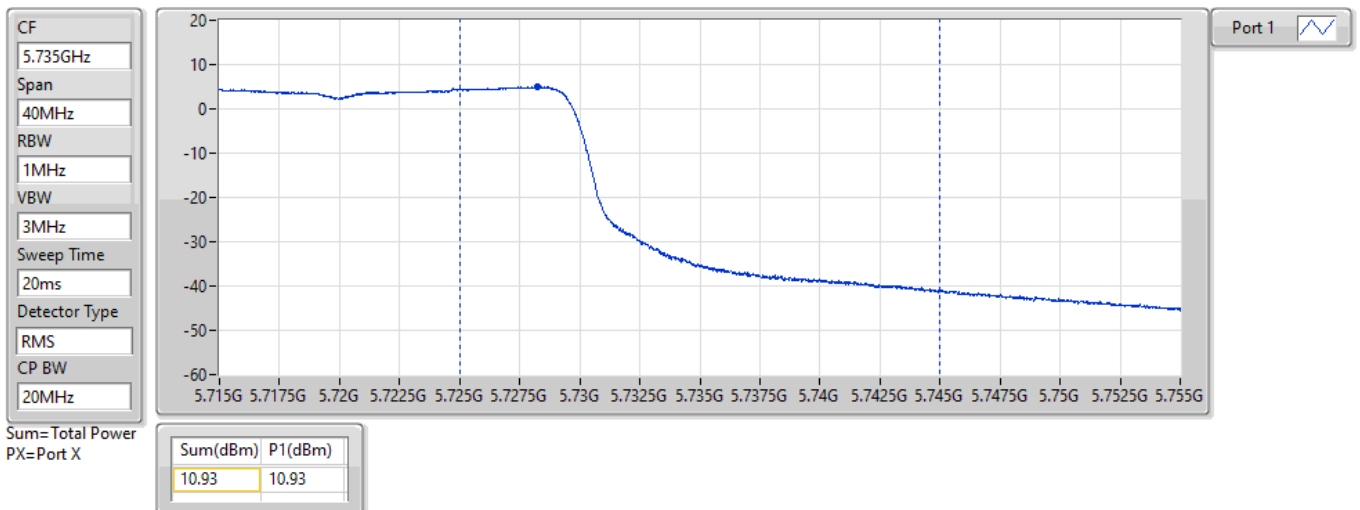


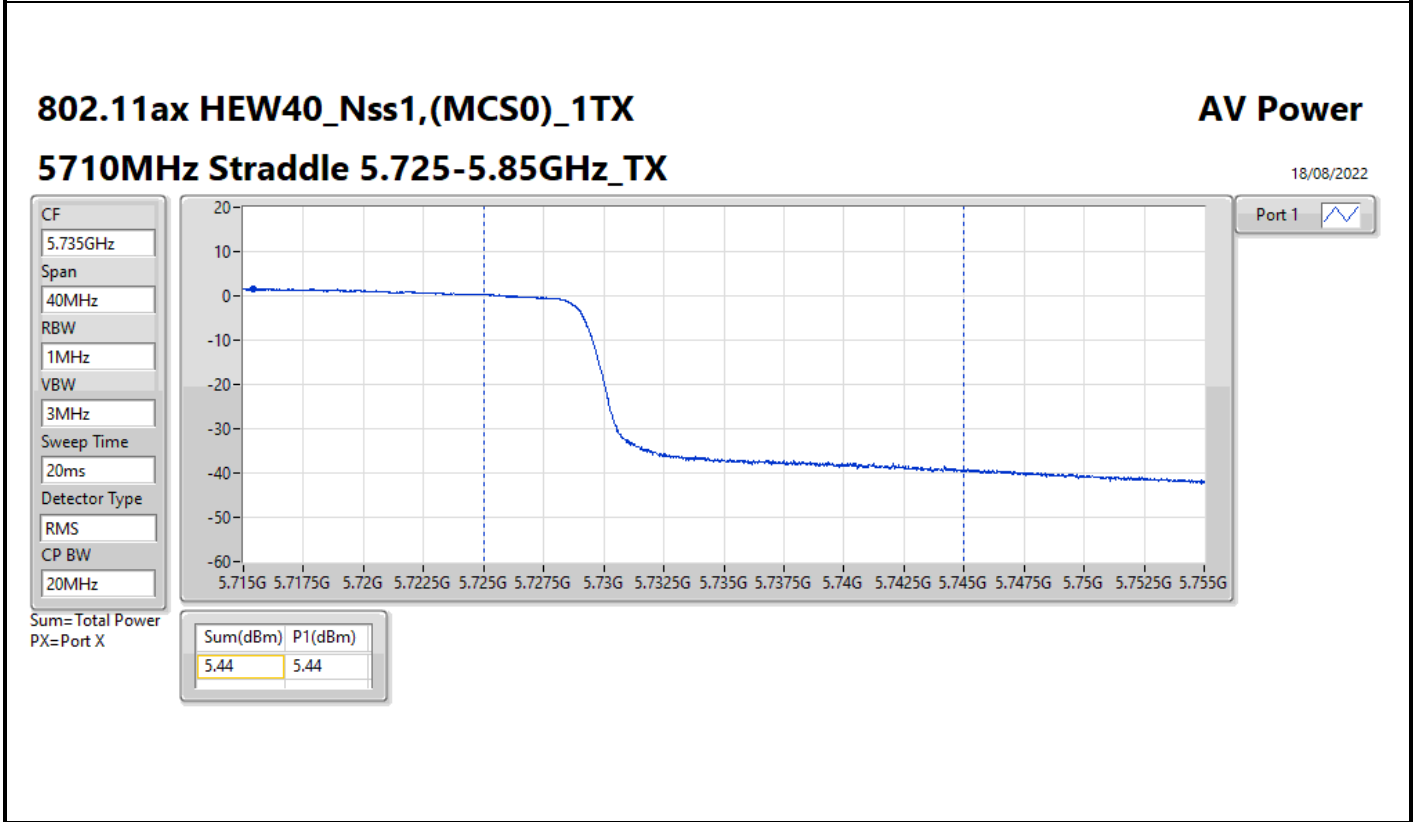
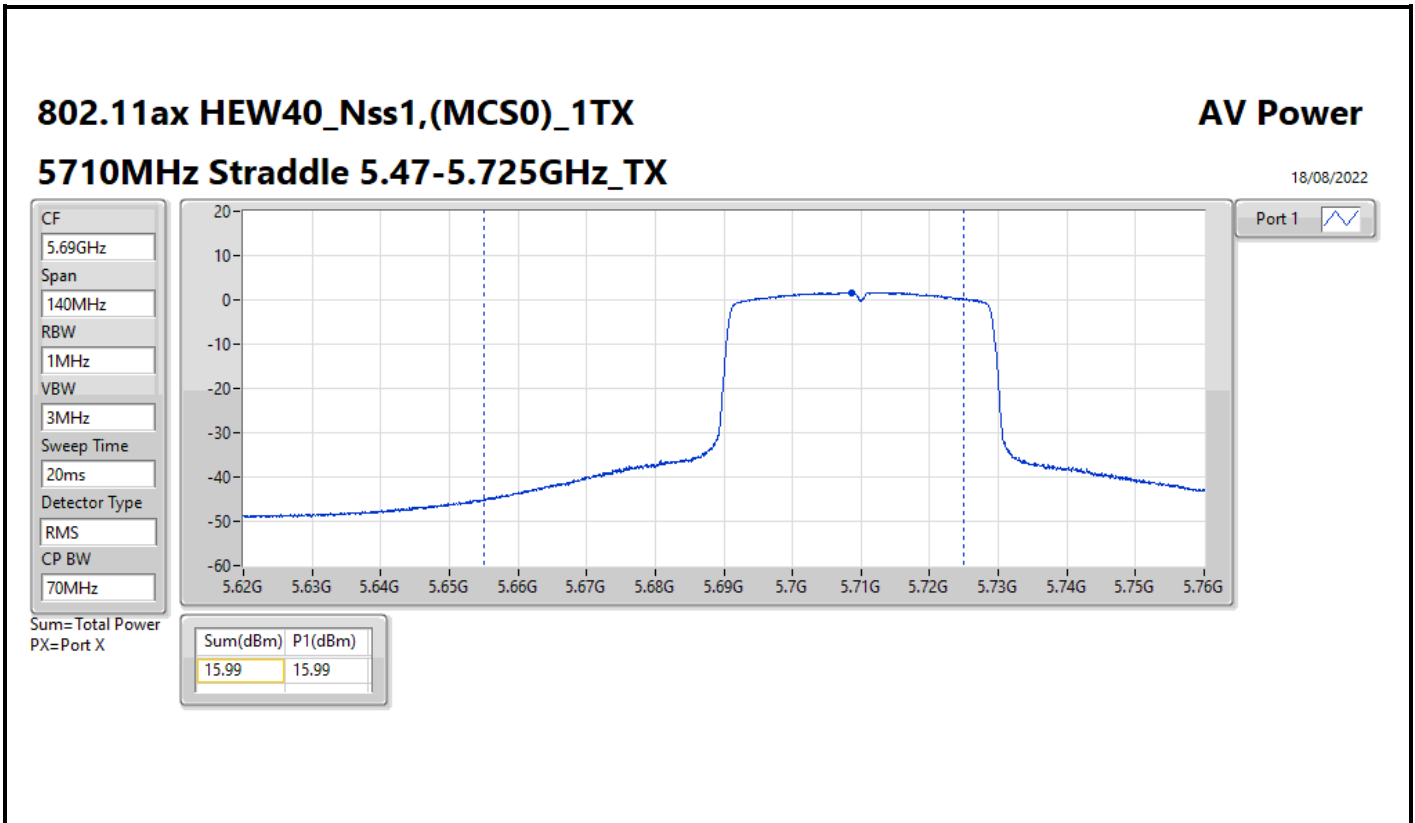
802.11ax HEW20_Nss1,(MCS0)_1TX

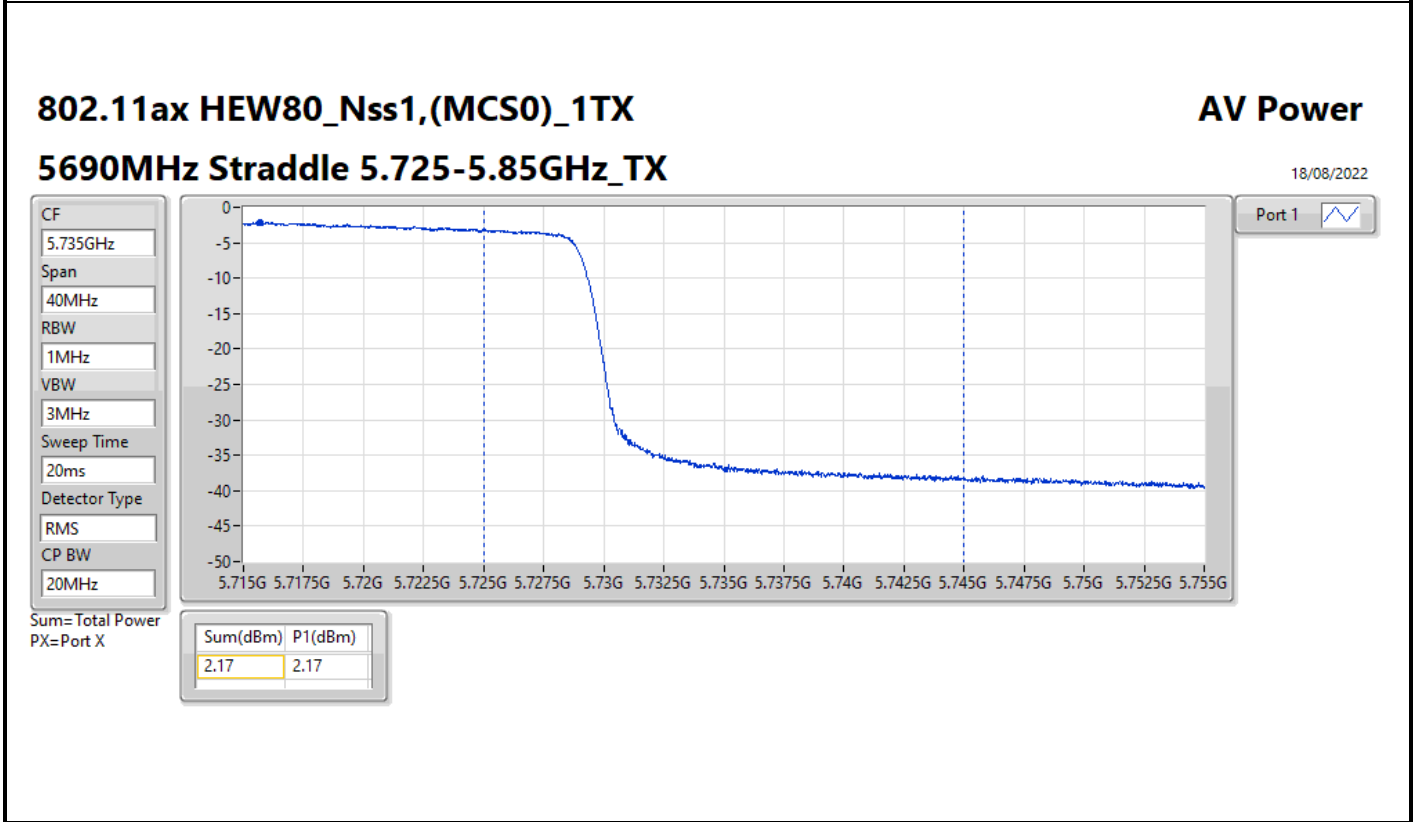
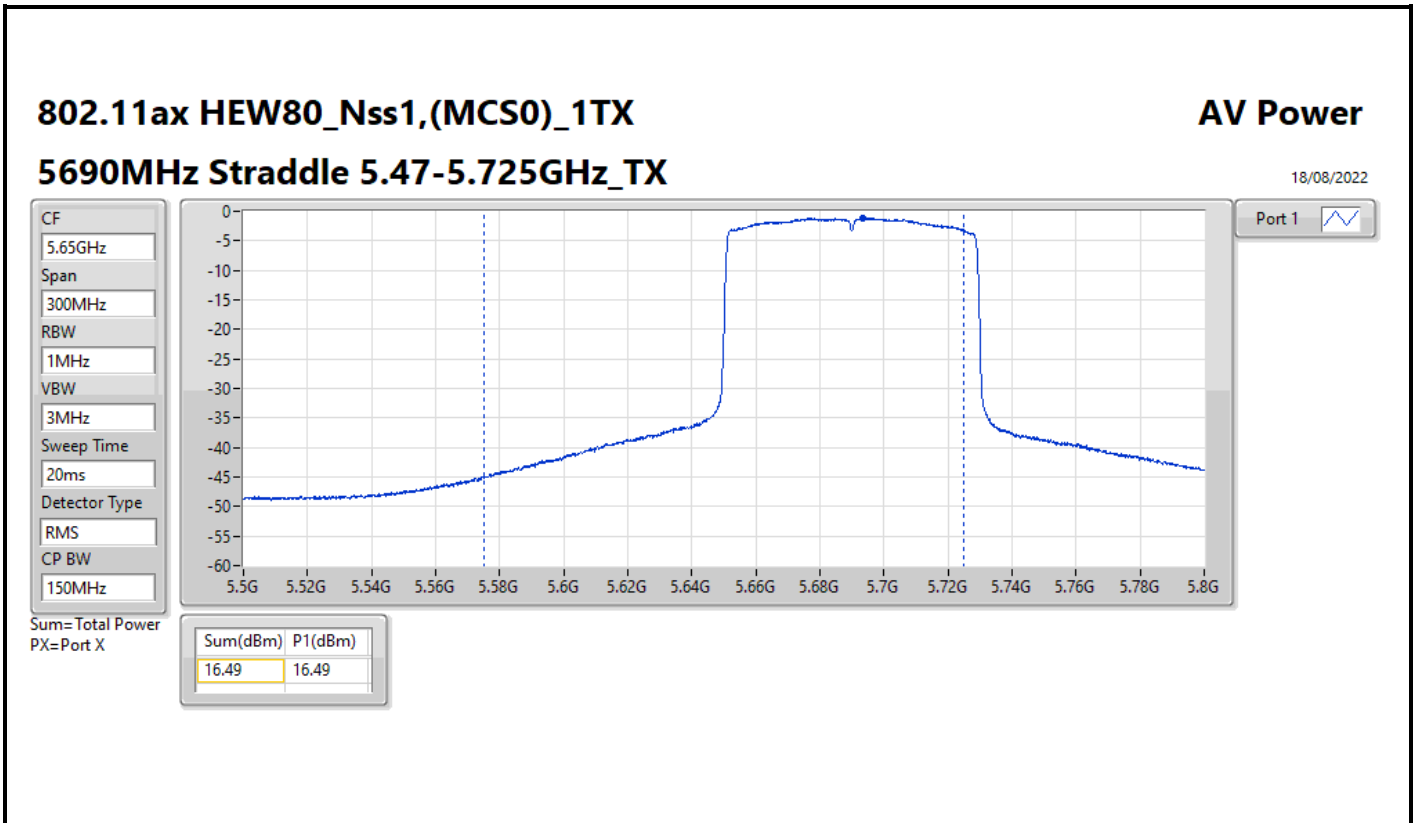
AV Power

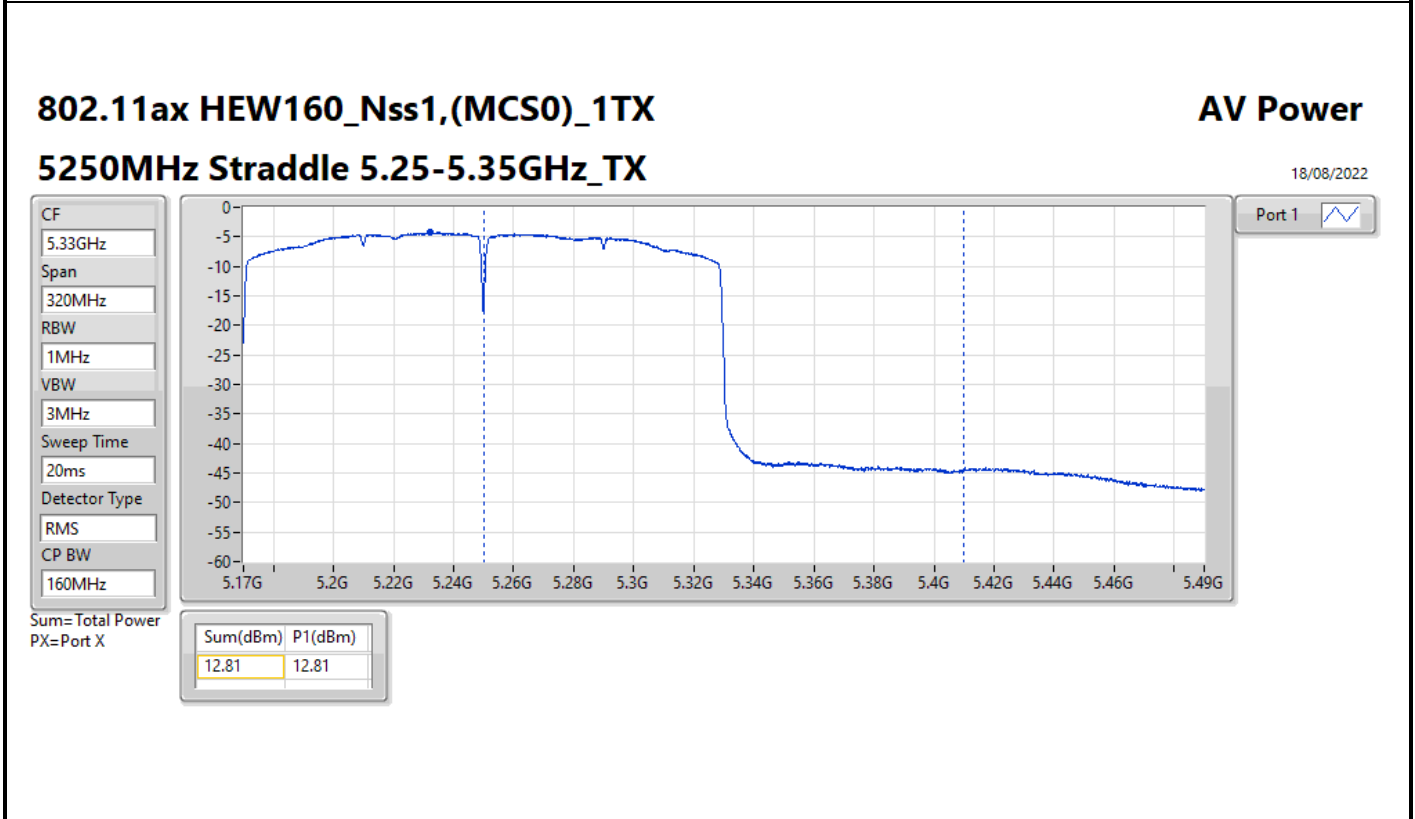
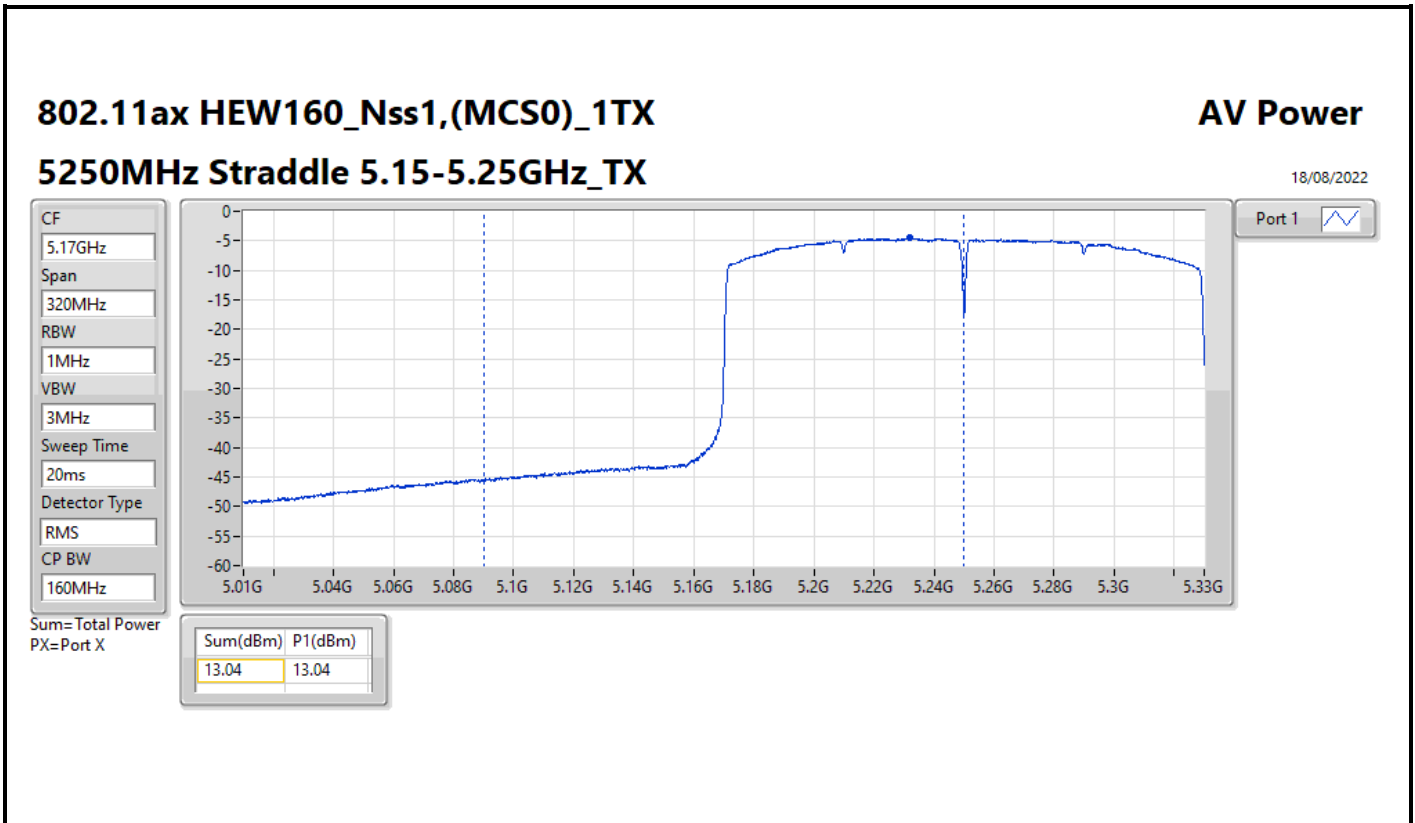
5720MHz Straddle 5.725-5.85GHz_TX

18/08/2022











Summary

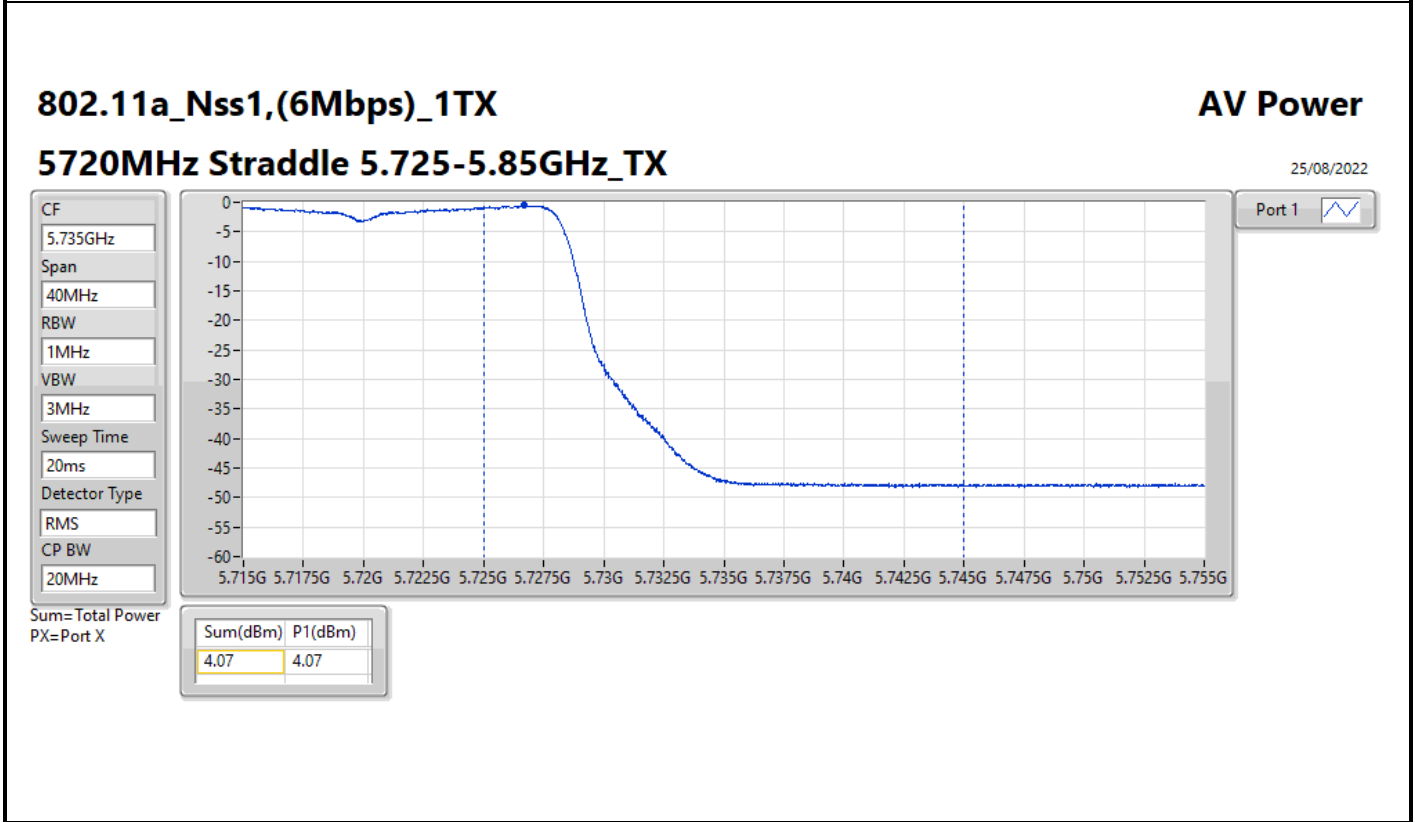
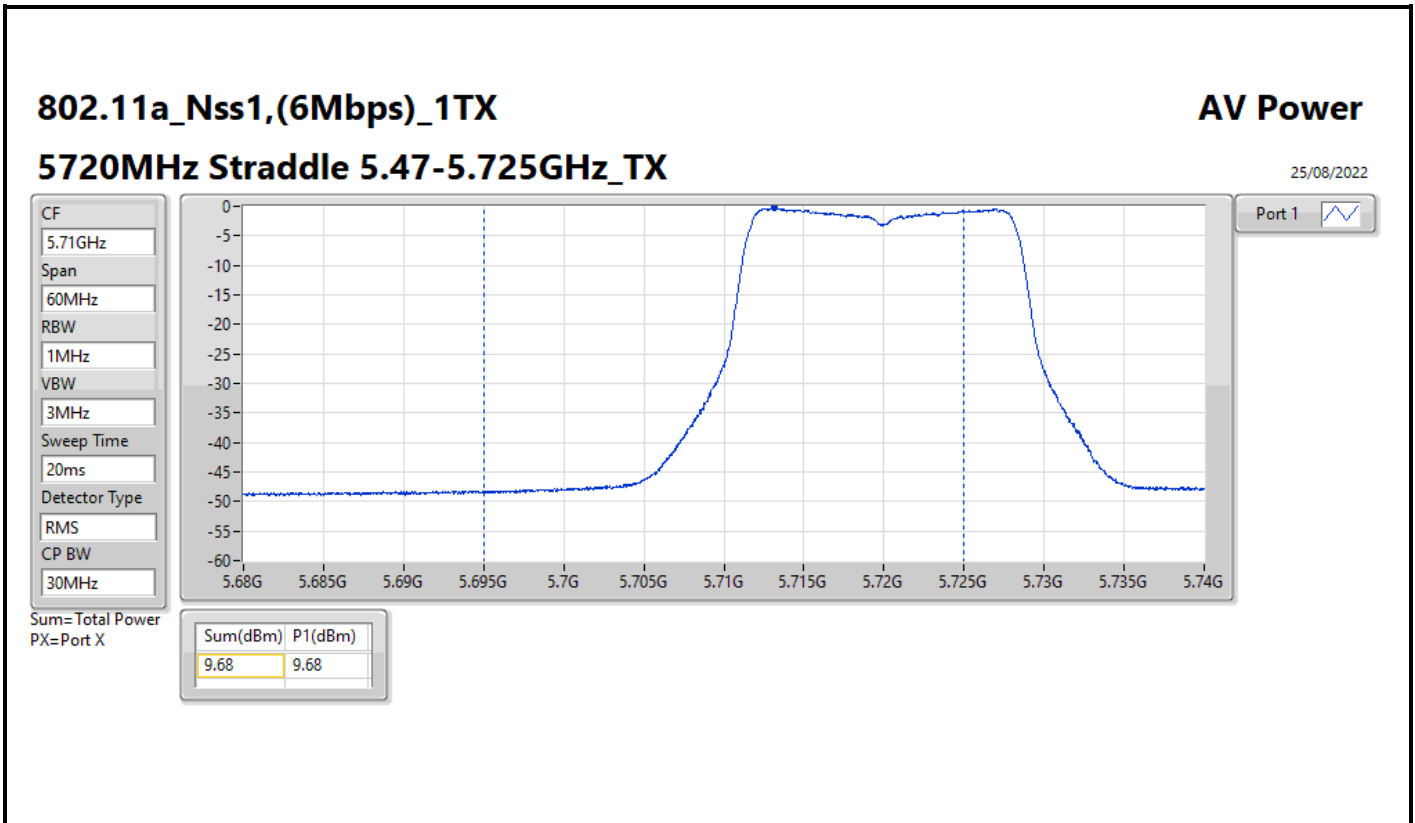
Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	5.45	0.00351
5.25-5.35GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.90	0.01230
802.11ax HEW20_Nss1,(MCS0)_1TX	11.29	0.01346
802.11ax HEW40_Nss1,(MCS0)_1TX	11.19	0.01315
802.11ax HEW80_Nss1,(MCS0)_1TX	10.44	0.01107
802.11ax HEW160_Nss1,(MCS0)_1TX	5.29	0.00338
5.47-5.725GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	10.89	0.01227
802.11ax HEW20_Nss1,(MCS0)_1TX	11.11	0.01291
802.11ax HEW40_Nss1,(MCS0)_1TX	11.43	0.01390
802.11ax HEW80_Nss1,(MCS0)_1TX	11.32	0.01355
802.11ax HEW160_Nss1,(MCS0)_1TX	6.34	0.00431
5.725-5.85GHz	-	-
802.11a_Nss1,(6Mbps)_1TX	4.07	0.00255
802.11ax HEW20_Nss1,(MCS0)_1TX	7.29	0.00536
802.11ax HEW40_Nss1,(MCS0)_1TX	0.81	0.00121
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.99	0.00050

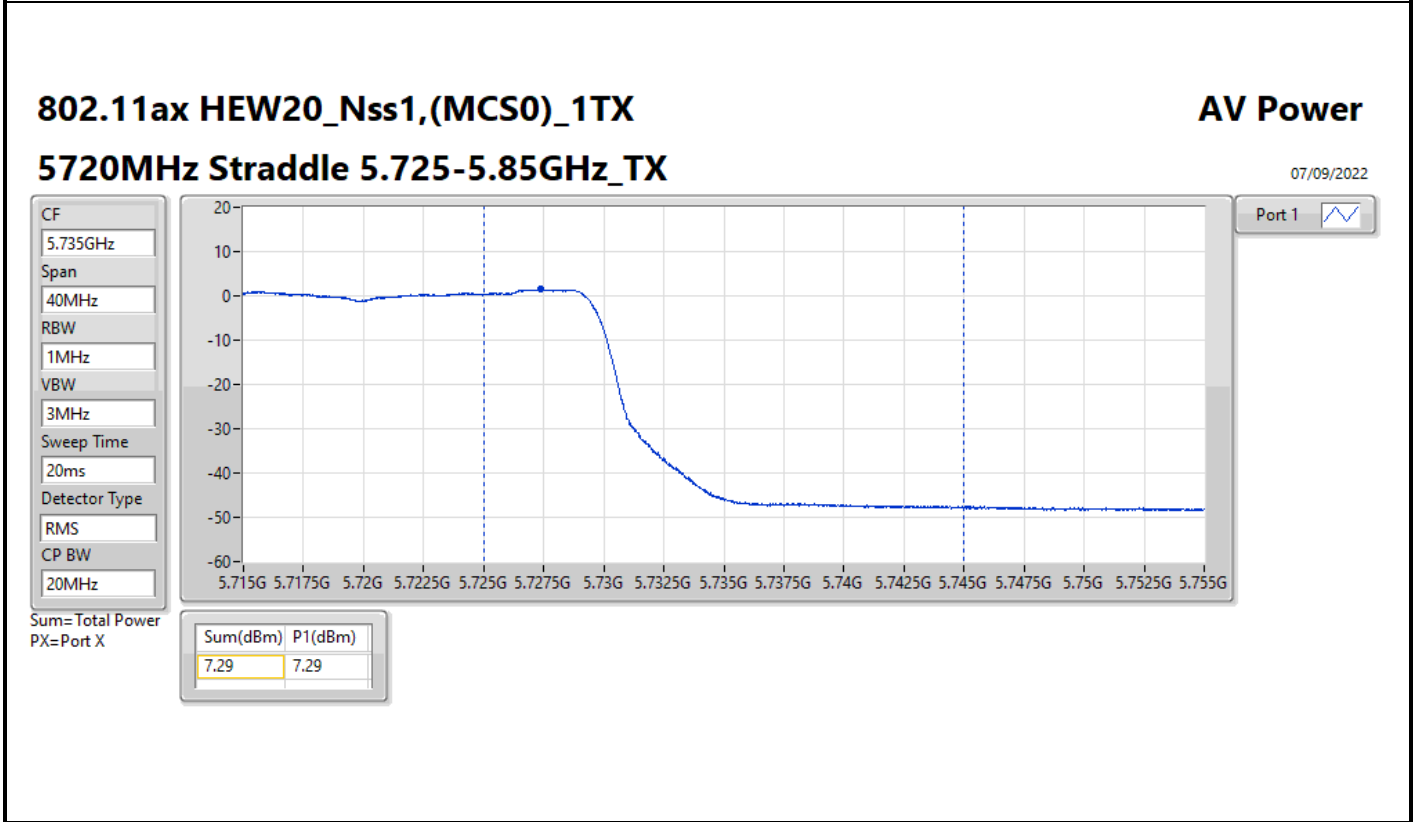
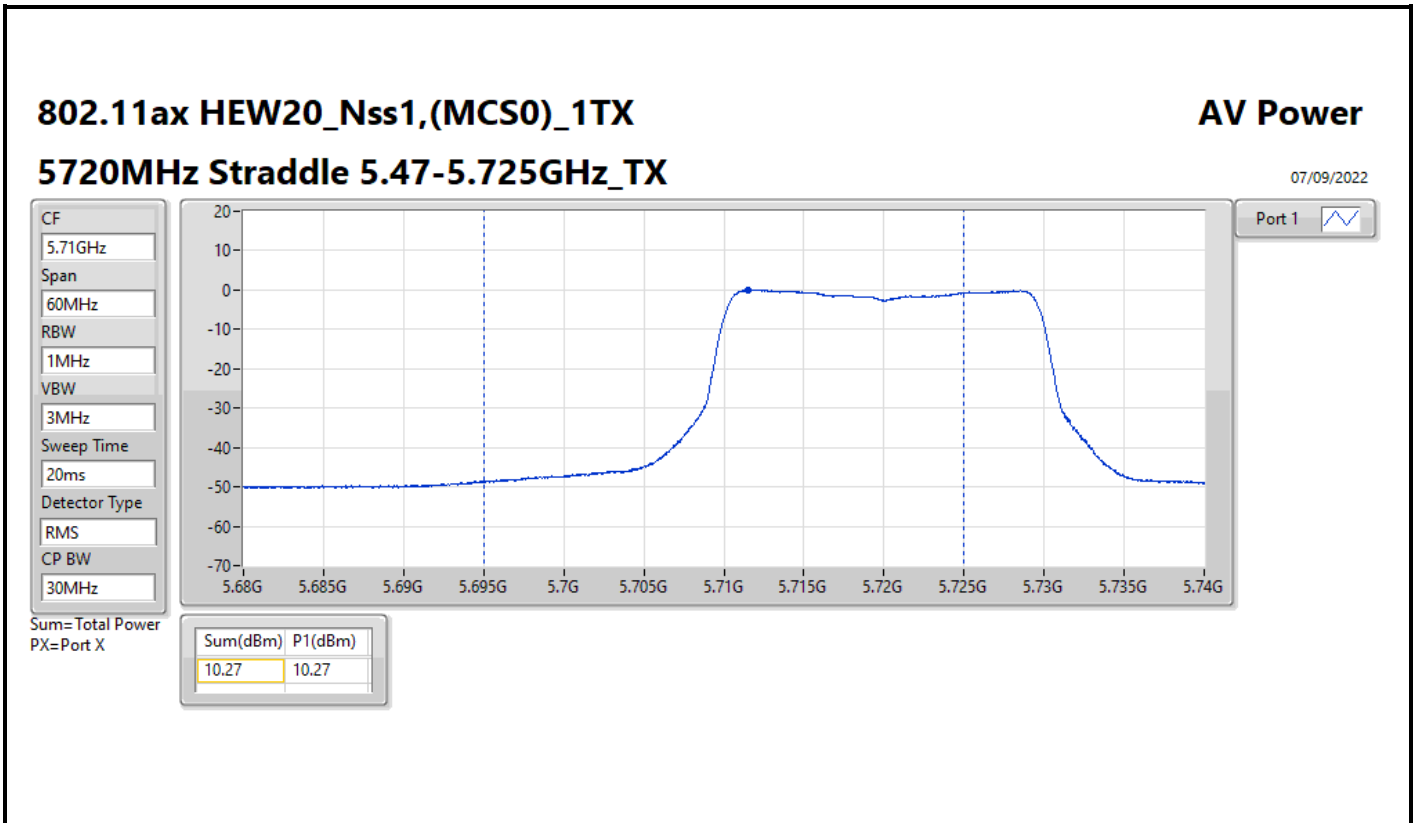


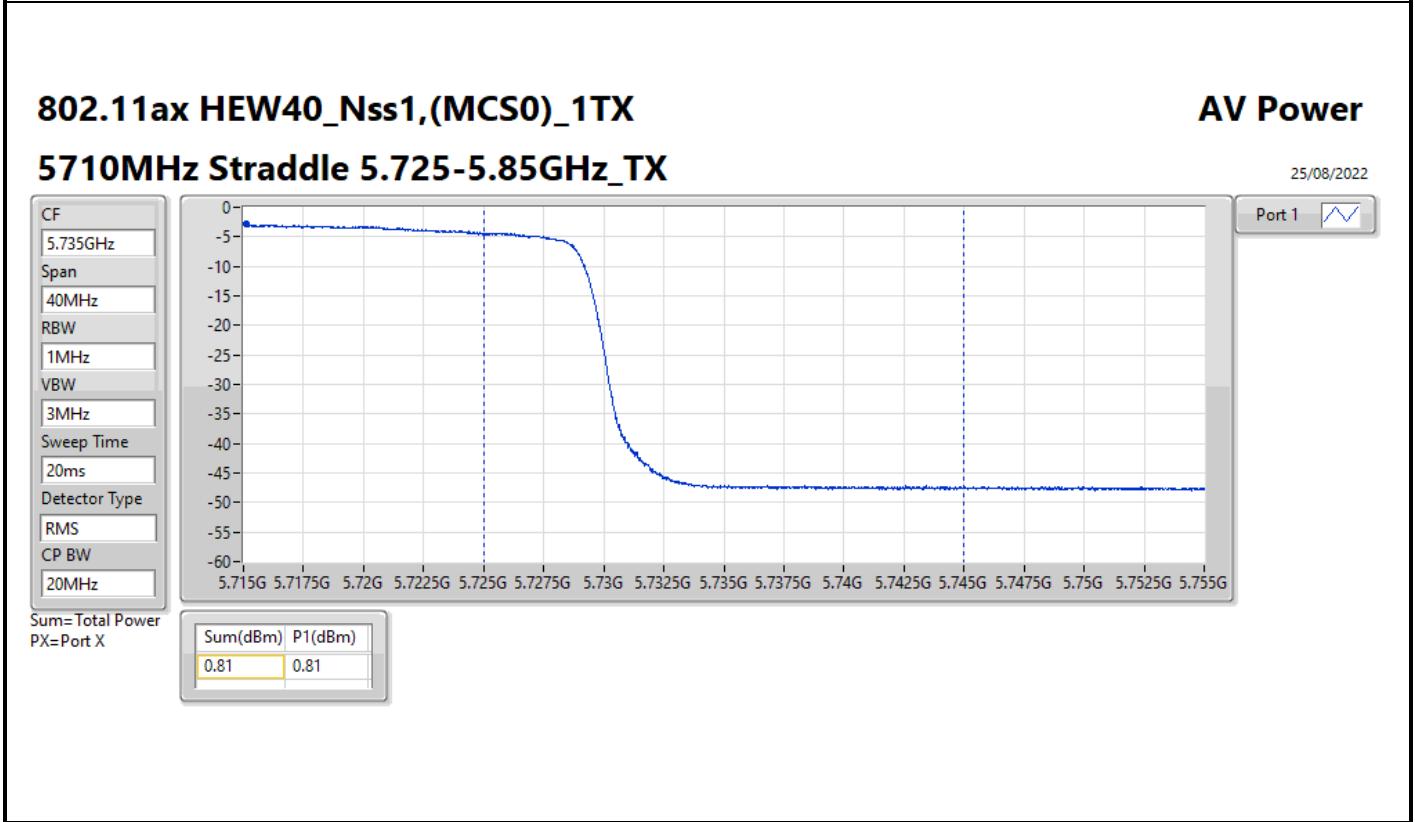
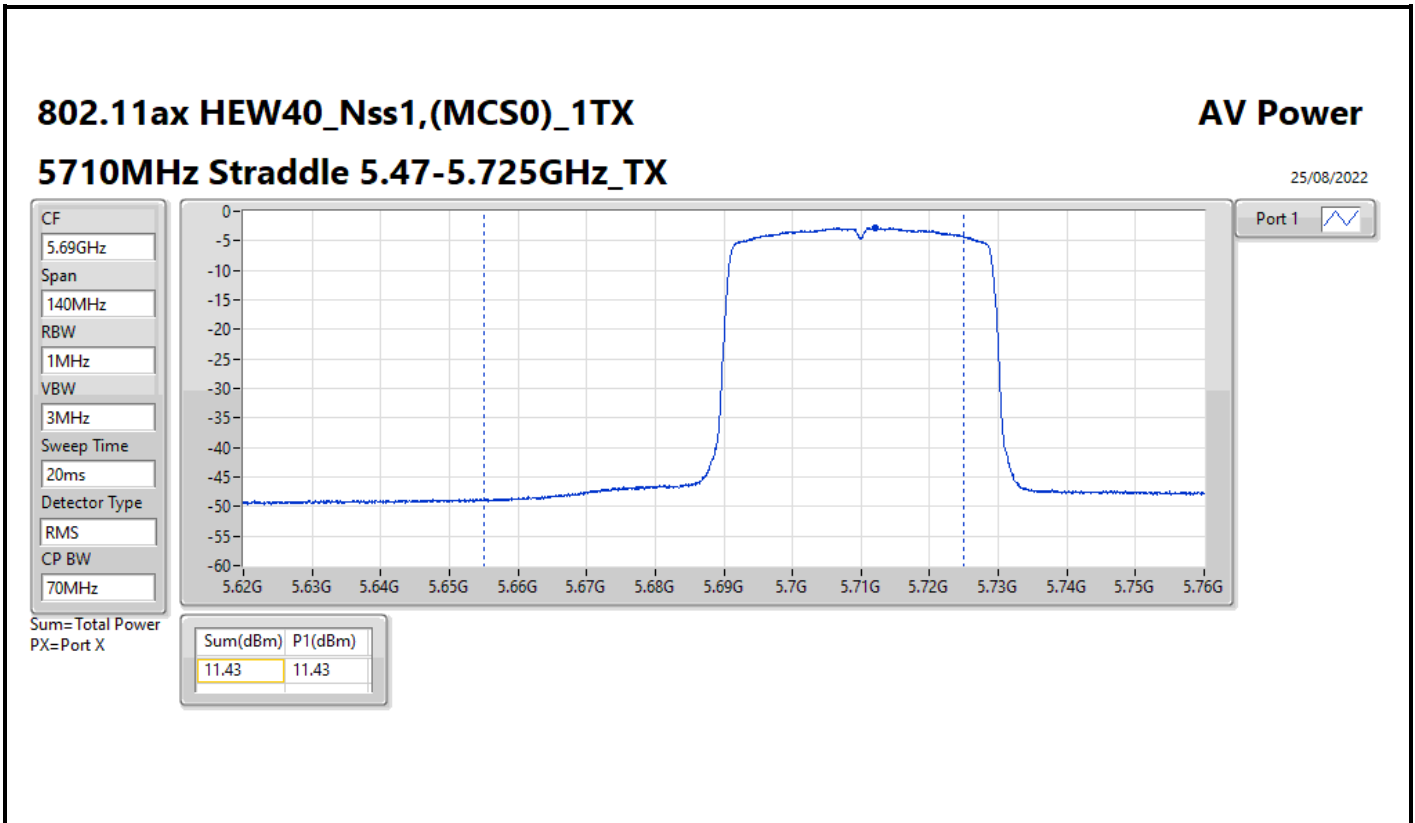
Result

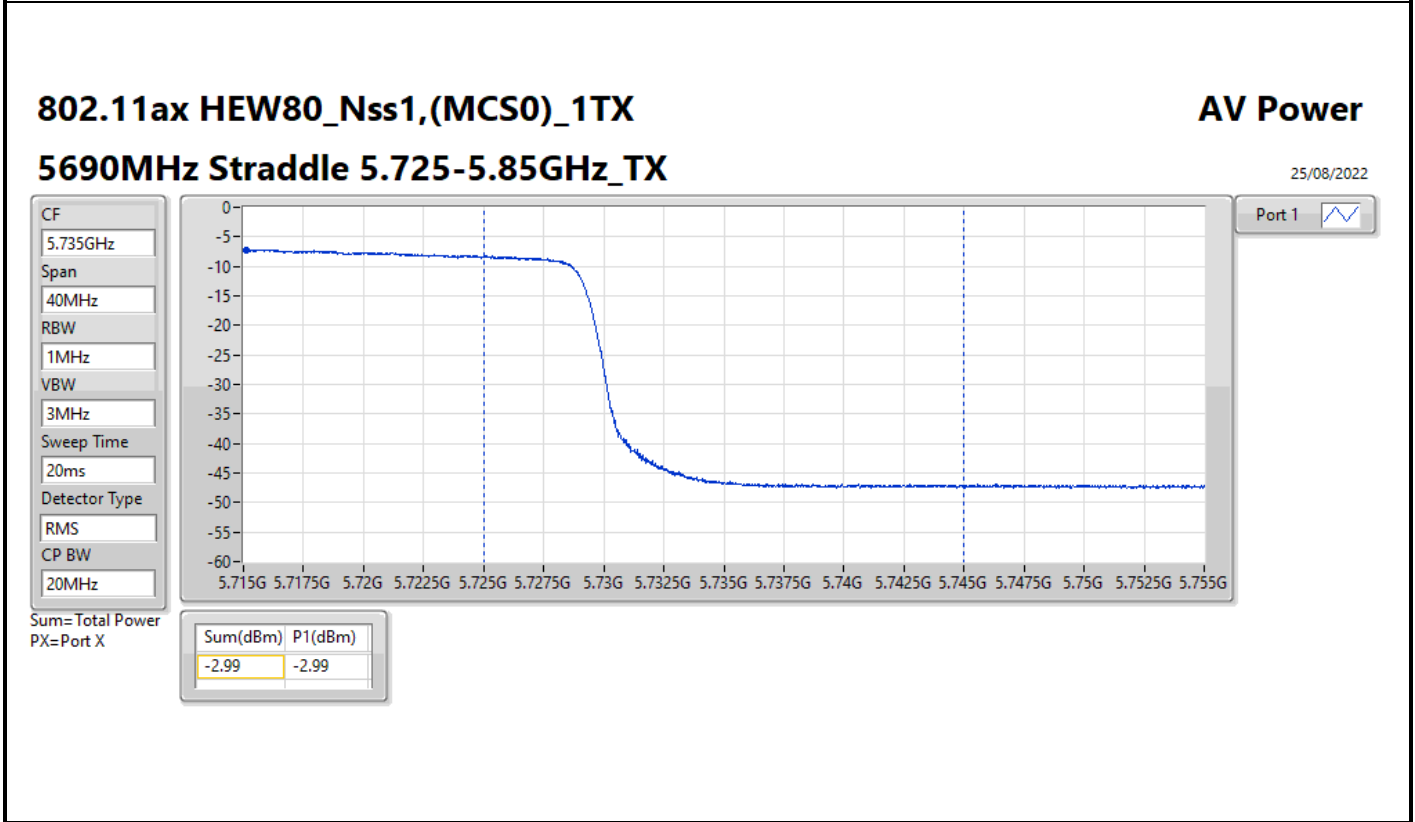
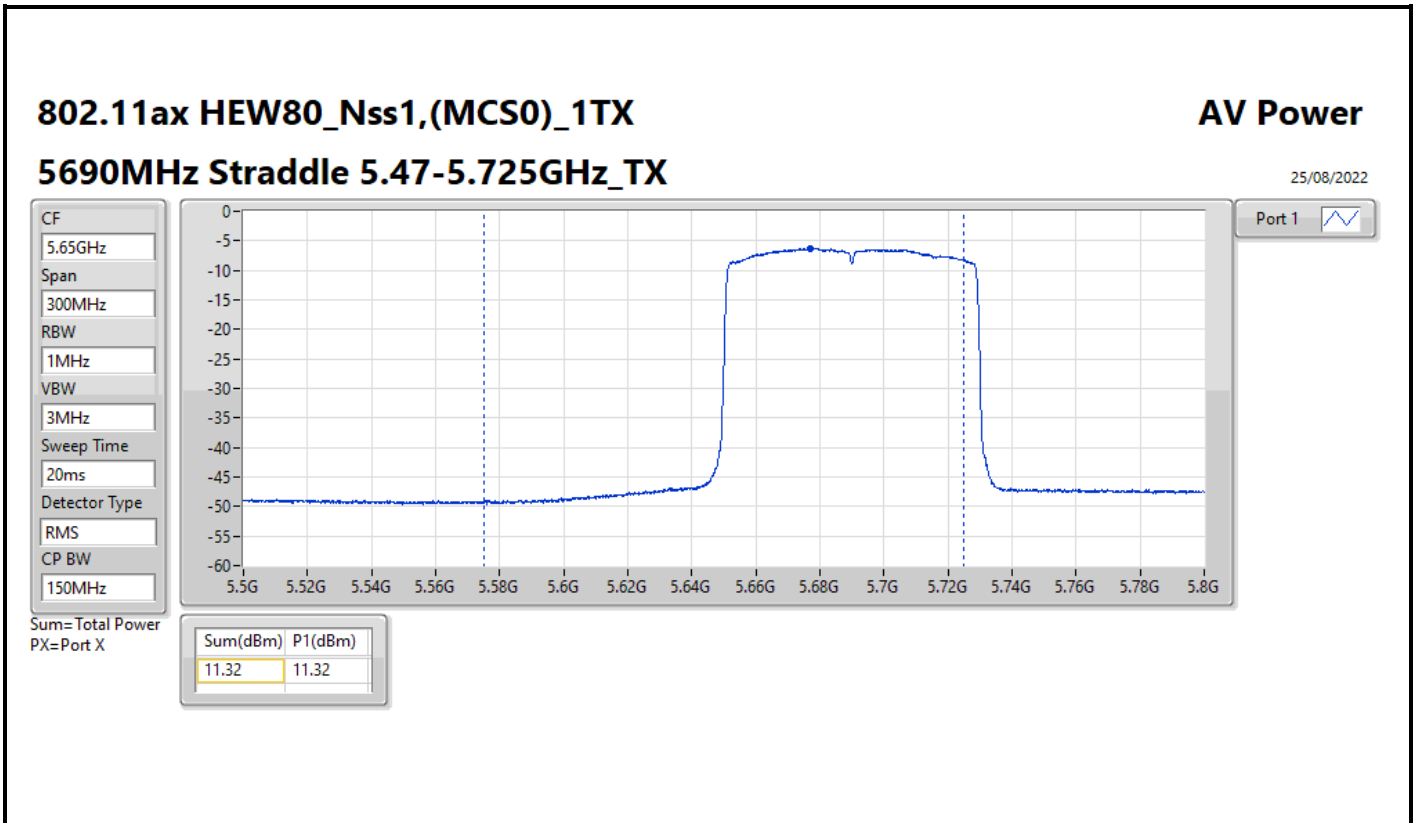
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	18.53	10.75	10.75	11.45
5300MHz	Pass	18.53	10.74	10.74	11.45
5320MHz	Pass	18.53	10.90	10.90	11.45
5500MHz	Pass	18.53	10.69	10.69	11.45
5580MHz	Pass	18.53	10.77	10.77	11.45
5700MHz	Pass	18.53	10.89	10.89	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	9.68	9.68	10.33
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	4.07	4.07	17.47
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	18.53	11.29	11.29	11.45
5300MHz	Pass	18.53	11.18	11.18	11.45
5320MHz	Pass	18.53	11.05	11.05	11.45
5500MHz	Pass	18.53	11.05	11.05	11.45
5580MHz	Pass	18.53	10.70	10.70	11.45
5700MHz	Pass	18.53	11.11	11.11	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	10.27	10.27	10.50
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	7.29	7.29	17.47
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	18.53	11.19	11.19	11.45
5310MHz	Pass	18.53	10.76	10.76	11.45
5510MHz	Pass	18.53	9.89	9.89	11.45
5550MHz	Pass	18.53	11.20	11.20	11.45
5670MHz	Pass	18.53	11.19	11.19	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	11.43	11.43	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	0.81	0.81	17.47
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	18.53	10.44	10.44	11.45
5530MHz	Pass	18.53	7.64	7.64	11.45
5610MHz	Pass	18.53	11.28	11.28	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	11.32	11.32	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-2.99	-2.99	17.47
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	18.53	5.45	5.45	17.47
5250MHz Straddle 5.25-5.35GHz	Pass	18.53	5.29	5.29	11.45
5570MHz	Pass	18.53	6.34	6.34	11.45

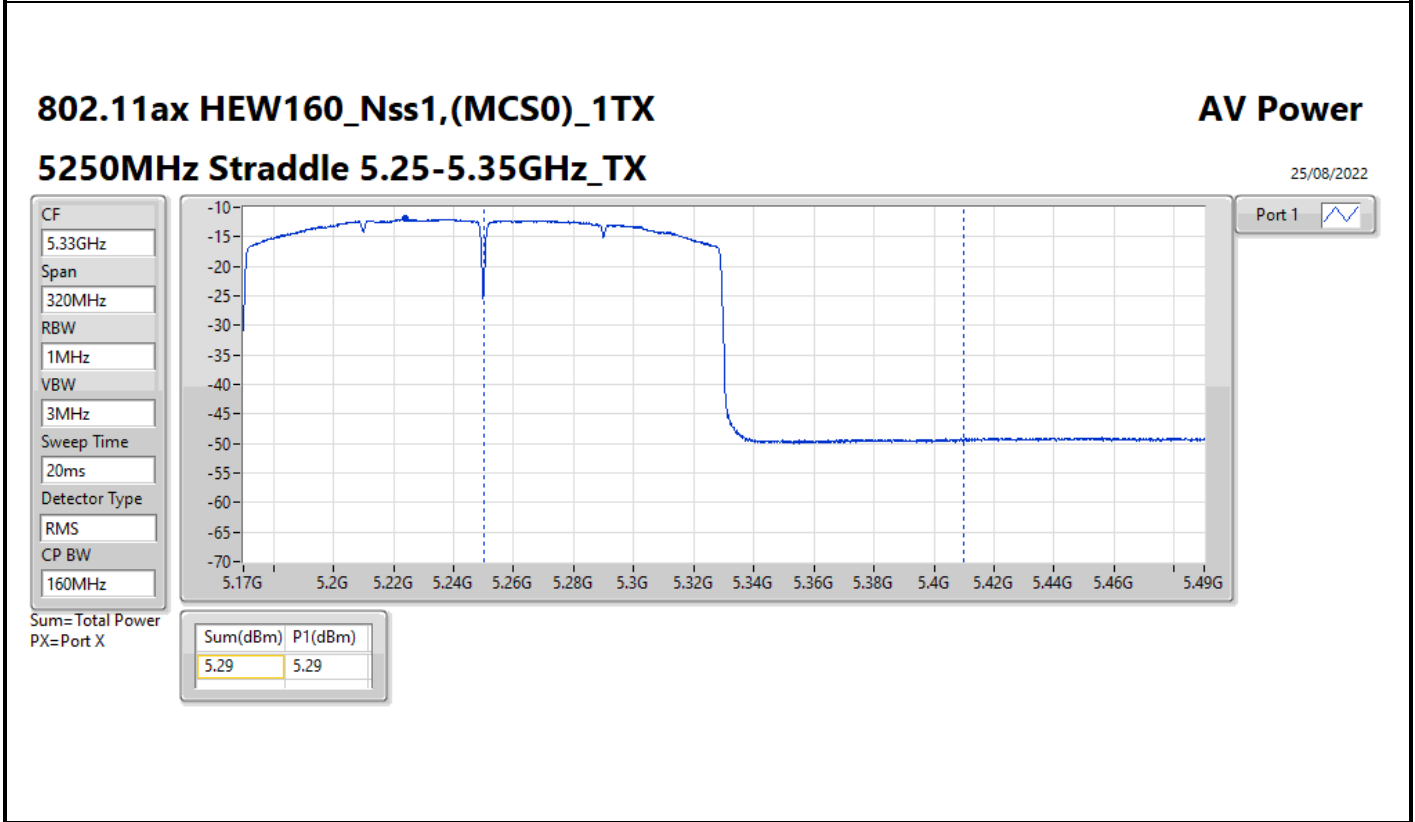
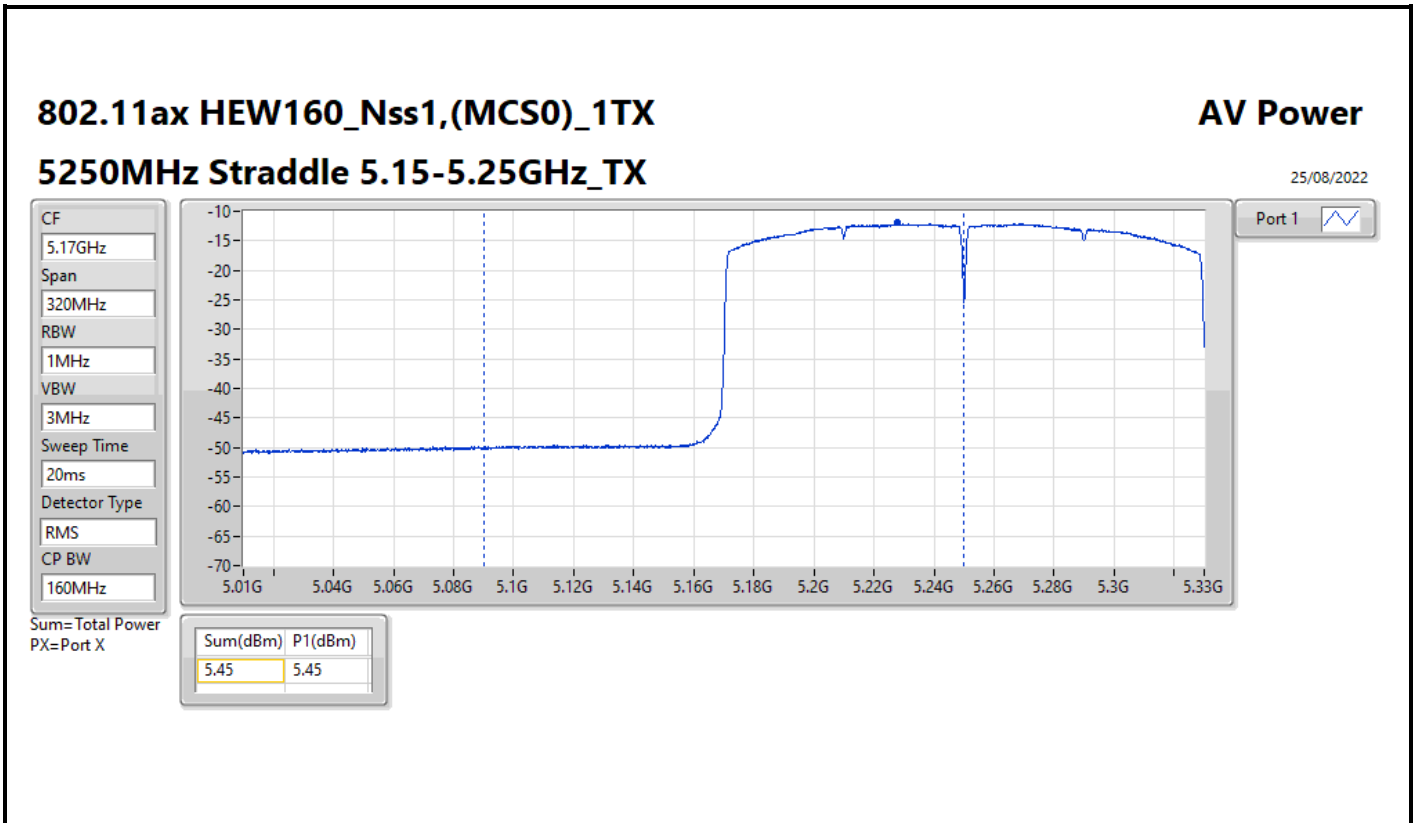
DG = Directional Gain; Port X = Port X output power













Average Power_Scanning R3 Antenna set 3_Outdoor_P to M Appendix C.26

Summary

Mode	Total Power (dBm)	Total Power (W)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (W)
5.15-5.25GHz	-	-	-	-
802.11ax HEW160_Nss1,(MCS0)_1TX	5.45	0.00351	23.98/-0.52	0.25003/0.00089
5.25-5.35GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	10.90	0.01230	29.43	0.87700
802.11ax HEW20_Nss1,(MCS0)_1TX	11.29	0.01346	29.82	0.95940
802.11ax HEW40_Nss1,(MCS0)_1TX	11.19	0.01315	29.72	0.93756
802.11ax HEW80_Nss1,(MCS0)_1TX	10.44	0.01107	28.97	0.78886
802.11ax HEW160_Nss1,(MCS0)_1TX	5.29	0.00338	23.82	0.24099
5.47-5.725GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	10.89	0.01227	29.42	0.87498
802.11ax HEW20_Nss1,(MCS0)_1TX	11.11	0.01291	29.64	0.92045
802.11ax HEW40_Nss1,(MCS0)_1TX	11.43	0.01390	29.96	0.99083
802.11ax HEW80_Nss1,(MCS0)_1TX	11.32	0.01355	29.85	0.96605
802.11ax HEW160_Nss1,(MCS0)_1TX	6.34	0.00431	24.87	0.30690
5.725-5.85GHz	-	-	-	-
802.11a_Nss1,(6Mbps)_1TX	4.07	0.00255	22.60	0.18197
802.11ax HEW20_Nss1,(MCS0)_1TX	7.29	0.00536	25.82	0.38194
802.11ax HEW40_Nss1,(MCS0)_1TX	0.81	0.00121	19.34	0.08590
802.11ax HEW80_Nss1,(MCS0)_1TX	-2.99	0.00050	15.54	0.03581

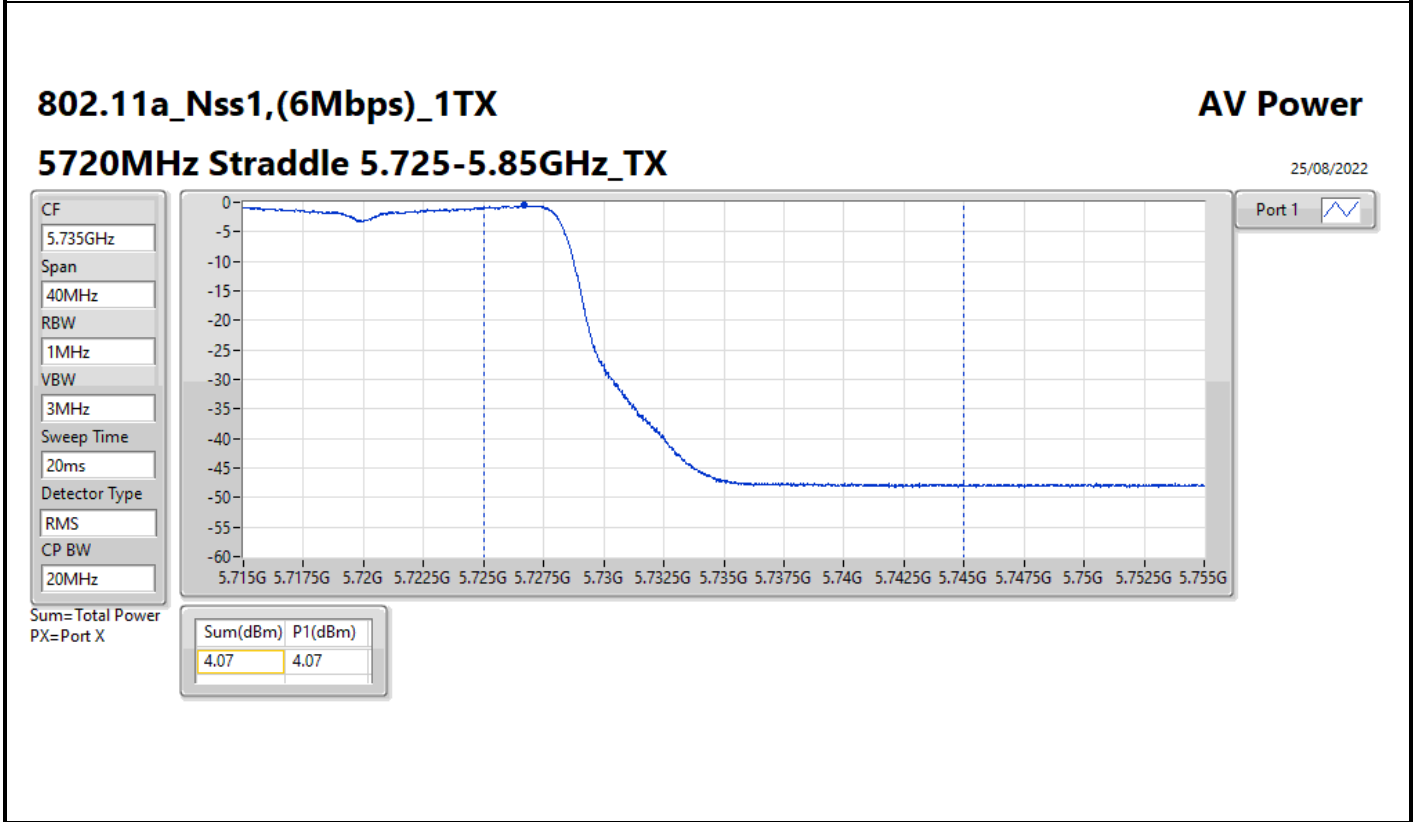
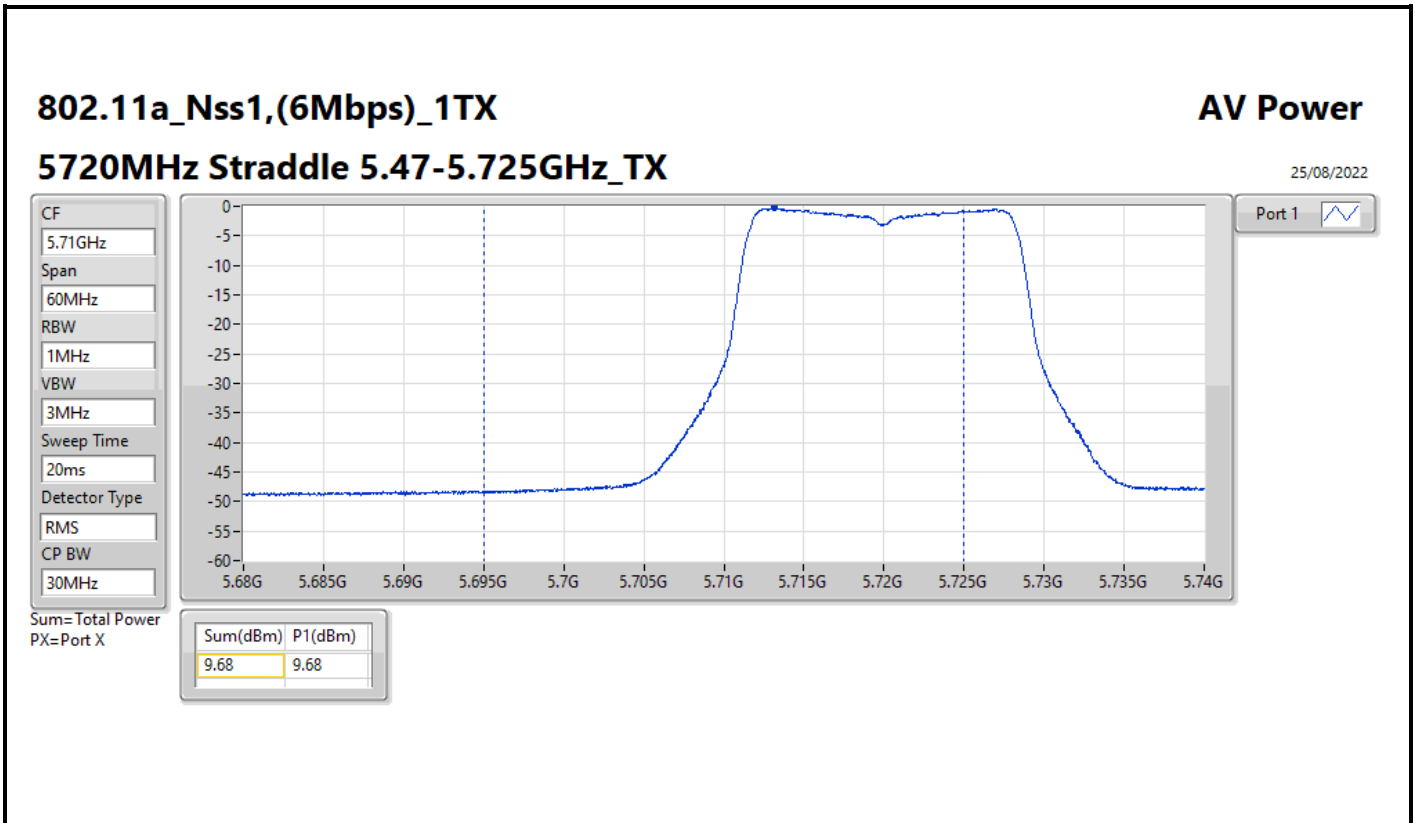


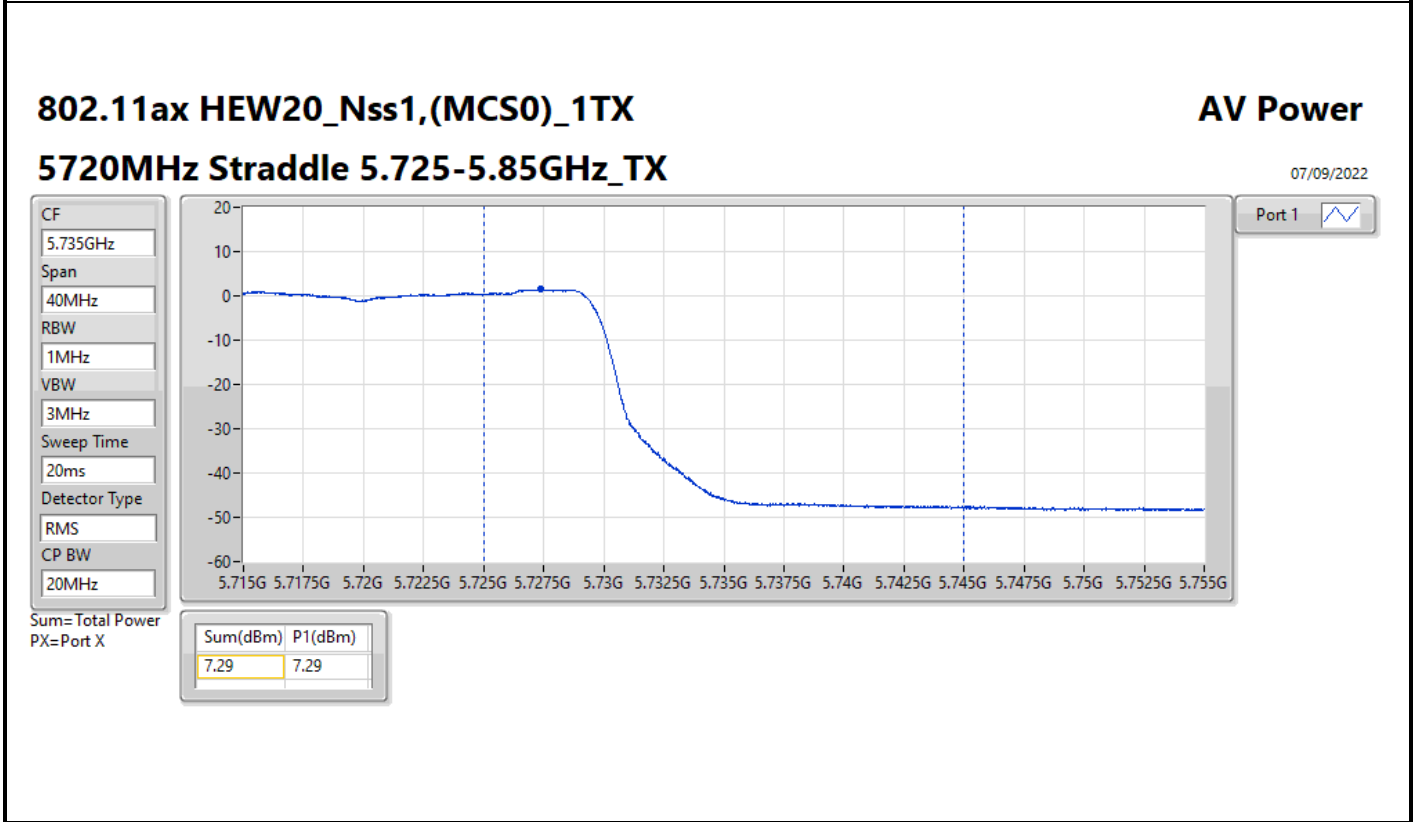
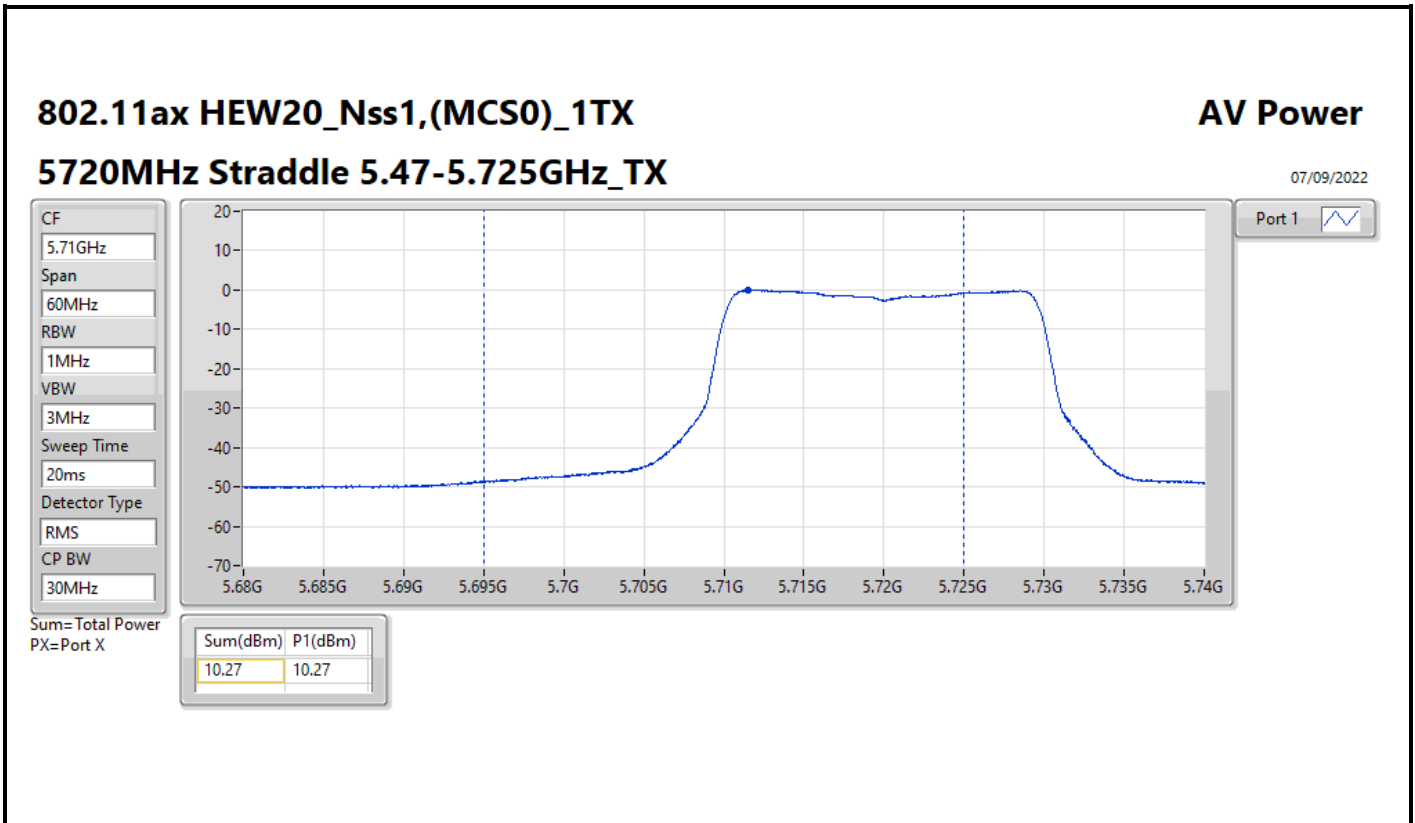
Average Power Scanning R3 Antenna set 3 Outdoor P to M Appendix C.26

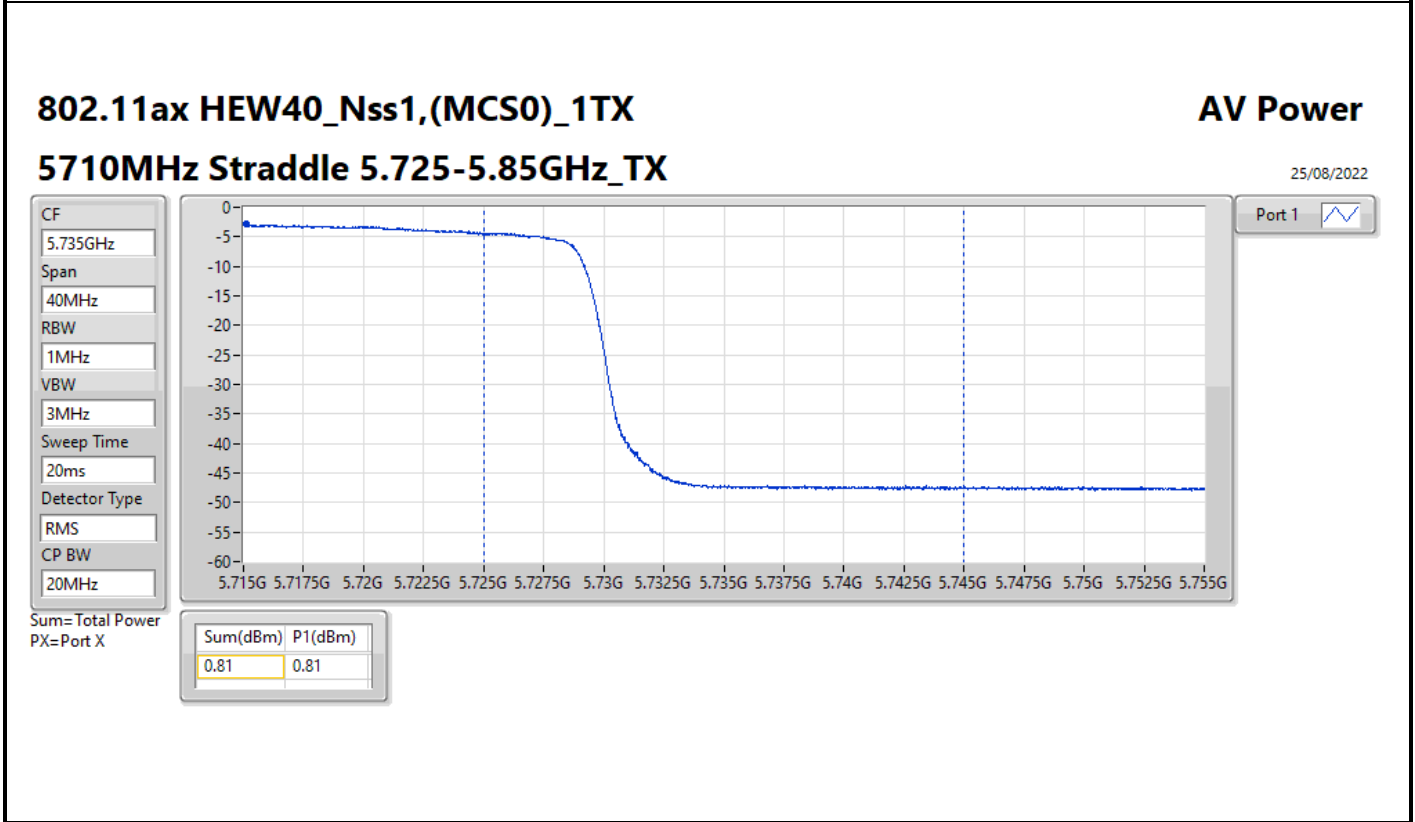
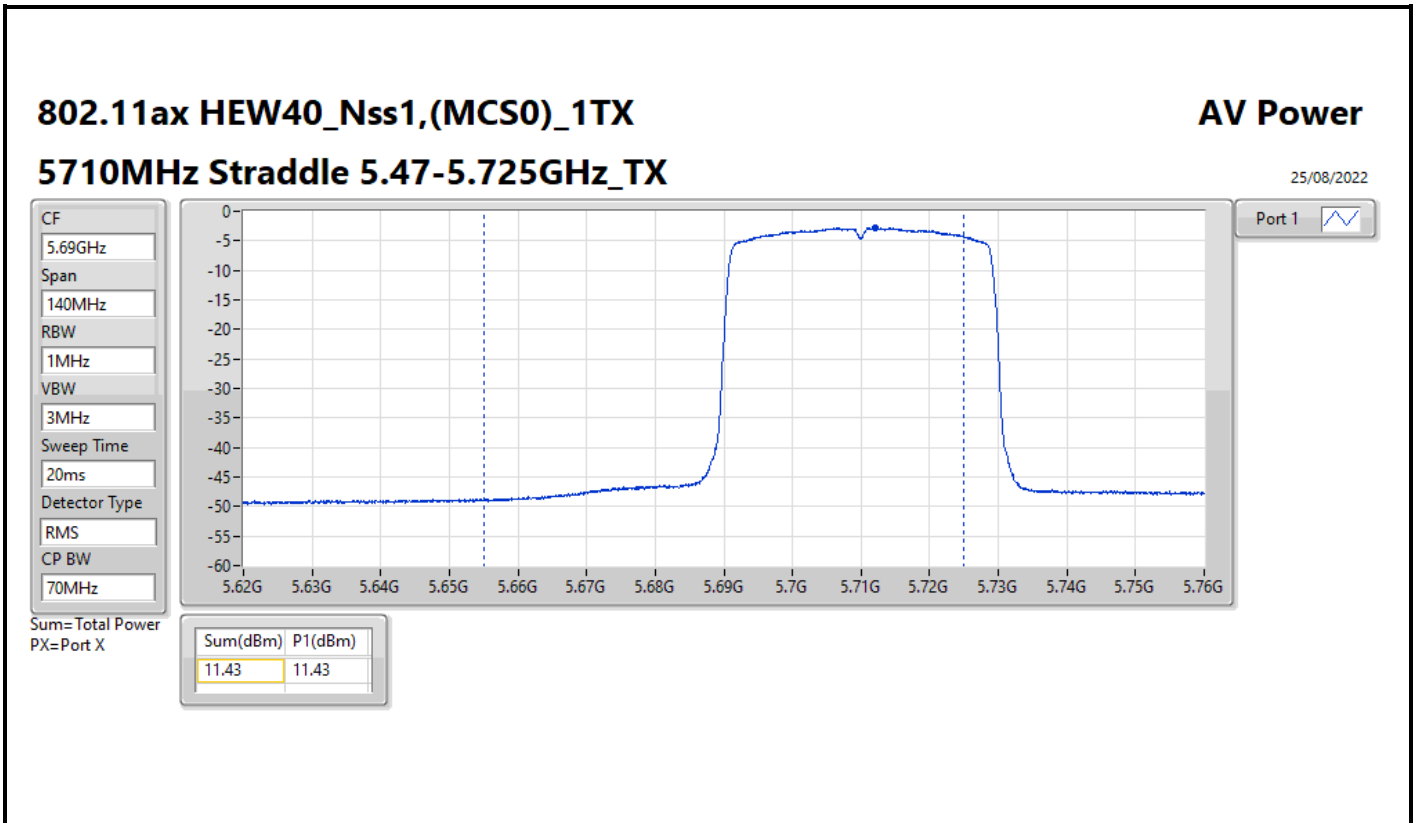
Result

Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)	EIRP / Elevation angle higher than 30° EIRP (dBm)	EIRP / Elevation angle higher than 30° EIRP (dBm)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	18.53	10.75	10.75	11.45	29.28	30.00
5300MHz	Pass	18.53	10.74	10.74	11.45	29.27	30.00
5320MHz	Pass	18.53	10.90	10.90	11.45	29.43	30.00
5500MHz	Pass	18.53	10.69	10.69	11.45	29.22	30.00
5580MHz	Pass	18.53	10.77	10.77	11.45	29.30	30.00
5700MHz	Pass	18.53	10.89	10.89	11.45	29.42	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	9.68	9.68	10.33	28.21	28.86
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	4.07	4.07	17.47	22.60	36.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5260MHz	Pass	18.53	11.29	11.29	11.45	29.82	30.00
5300MHz	Pass	18.53	11.18	11.18	11.45	29.71	30.00
5320MHz	Pass	18.53	11.05	11.05	11.45	29.58	30.00
5500MHz	Pass	18.53	11.05	11.05	11.45	29.58	30.00
5580MHz	Pass	18.53	10.70	10.70	11.45	29.23	30.00
5700MHz	Pass	18.53	11.11	11.11	11.45	29.64	30.00
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	10.27	10.27	10.50	28.80	29.03
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	7.29	7.29	17.47	25.82	36.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5270MHz	Pass	18.53	11.19	11.19	11.45	29.72	30.00
5310MHz	Pass	18.53	10.76	10.76	11.45	29.29	30.00
5510MHz	Pass	18.53	9.89	9.89	11.45	28.42	30.00
5550MHz	Pass	18.53	11.20	11.20	11.45	29.73	30.00
5670MHz	Pass	18.53	11.19	11.19	11.45	29.72	30.00
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	11.43	11.43	11.45	29.96	30.00
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	0.81	0.81	17.47	19.34	36.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5290MHz	Pass	18.53	10.44	10.44	11.45	28.97	30.00
5530MHz	Pass	18.53	7.64	7.64	11.45	26.17	30.00
5610MHz	Pass	18.53	11.28	11.28	11.45	29.81	30.00
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	11.32	11.32	11.45	29.85	30.00
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-2.99	-2.99	17.47	15.54	36.00
802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	18.53	5.45	5.45	17.47	23.98/-0.52	36.00/21.00
5250MHz Straddle 5.25-5.35GHz	Pass	18.53	5.29	5.29	11.45	23.82	30.00
5570MHz	Pass	18.53	6.34	6.34	11.45	24.87	30.00

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





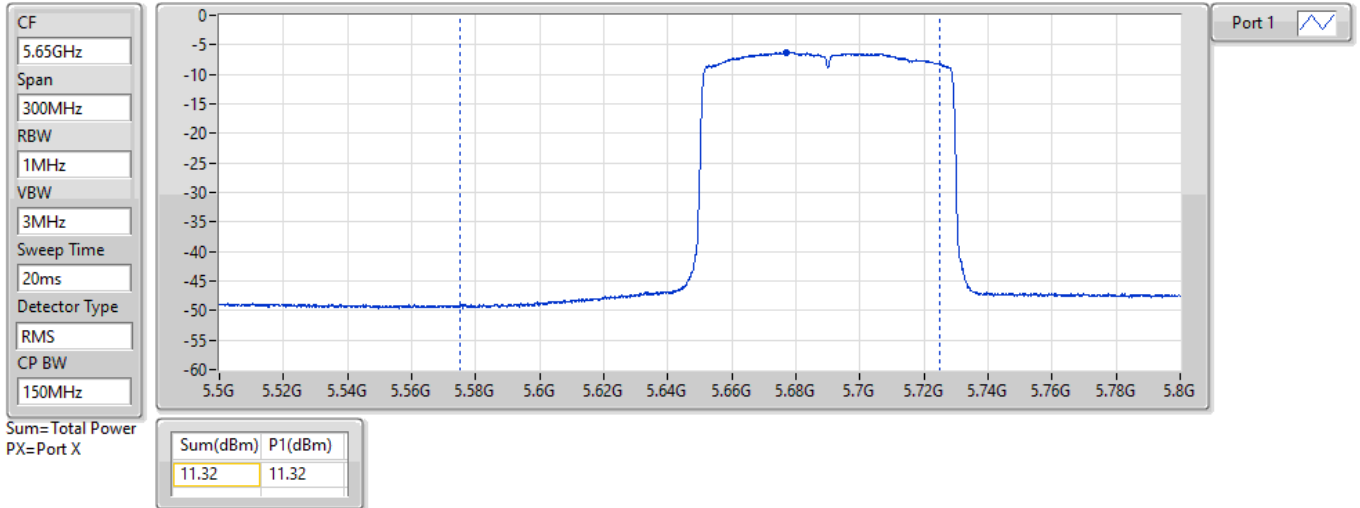


802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.47-5.725GHz_TX

25/08/2022

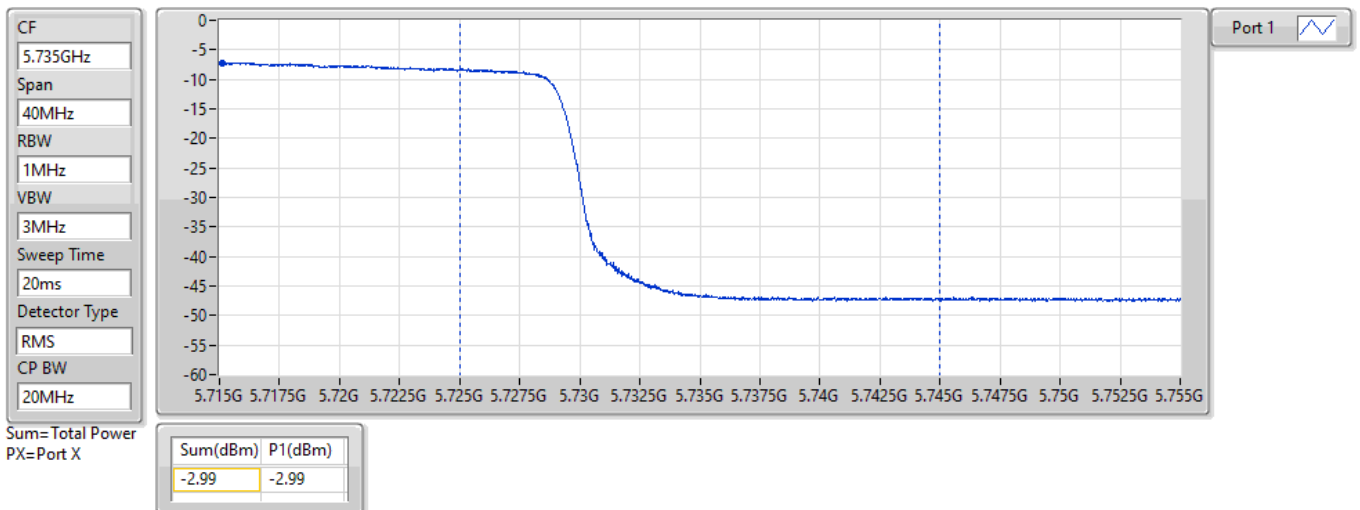


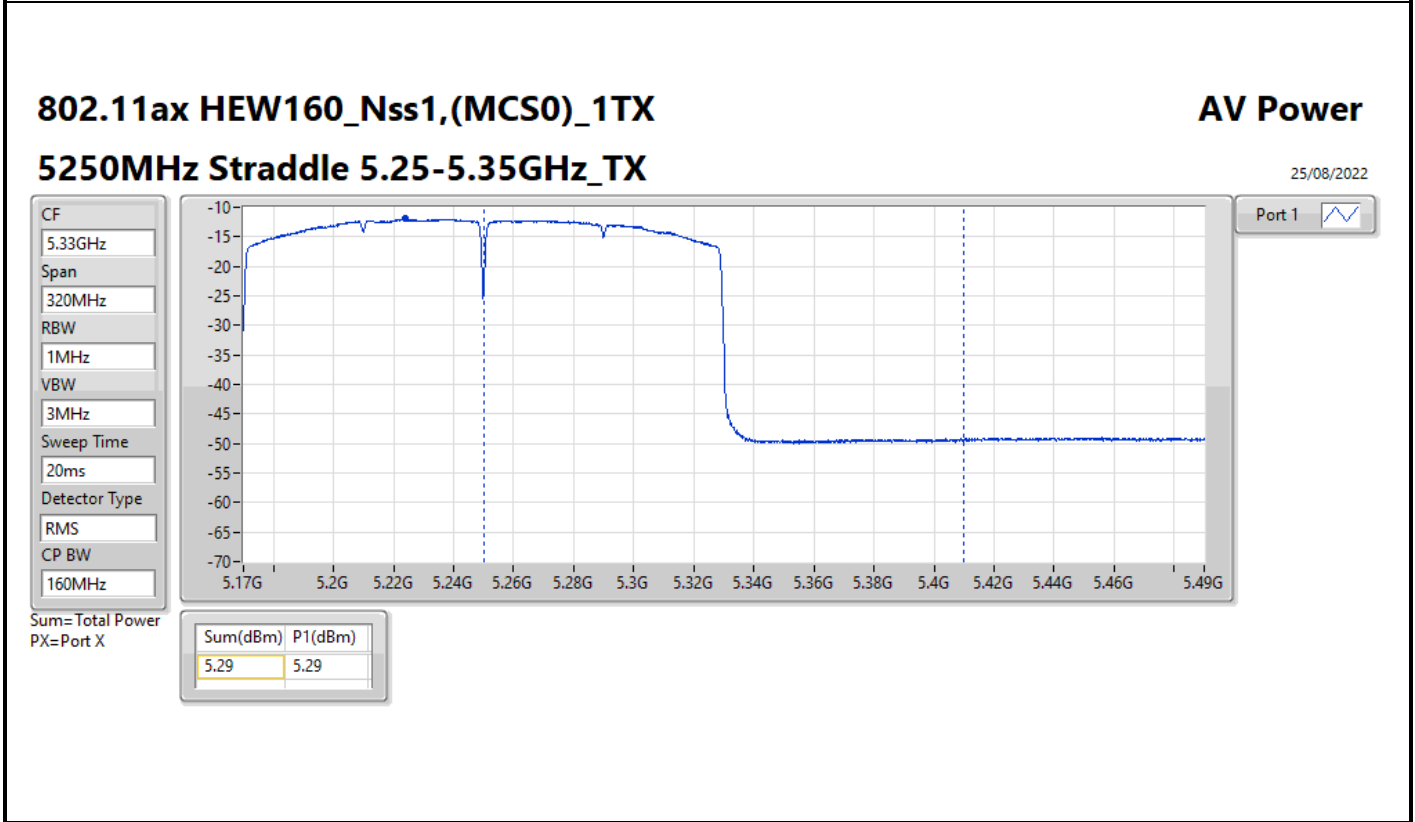
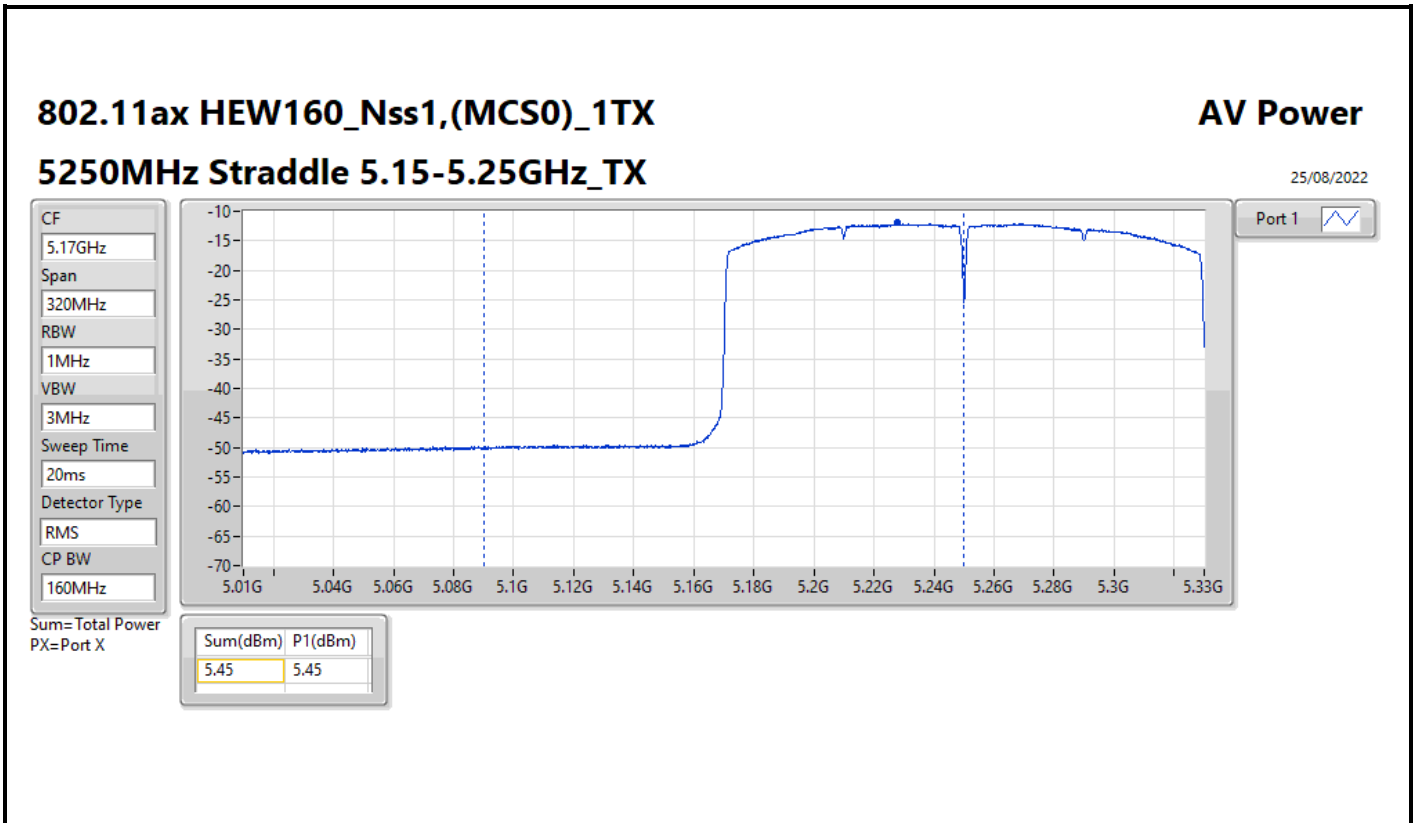
802.11ax HEW80_Nss1,(MCS0)_1TX

AV Power

5690MHz Straddle 5.725-5.85GHz_TX

25/08/2022







Summary

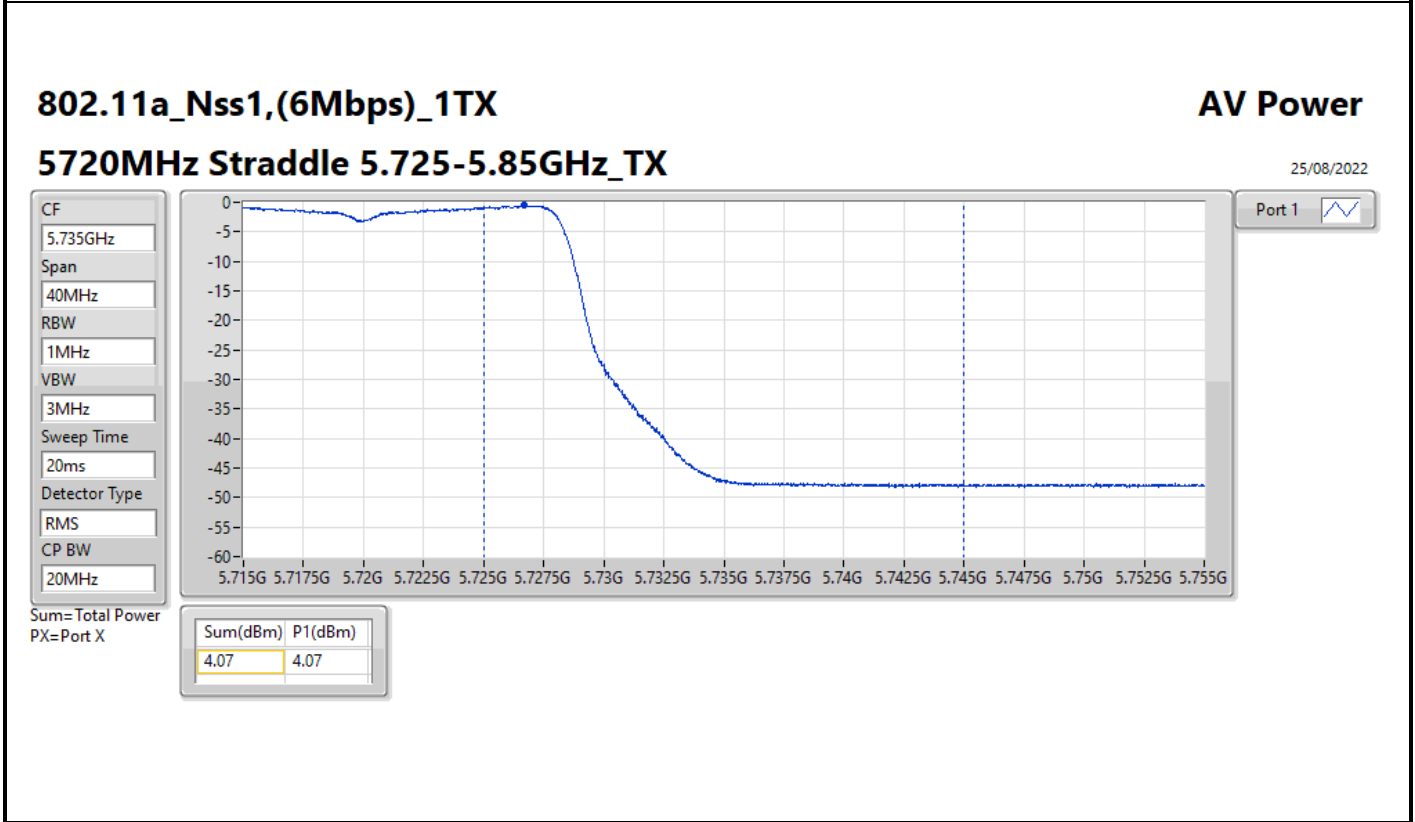
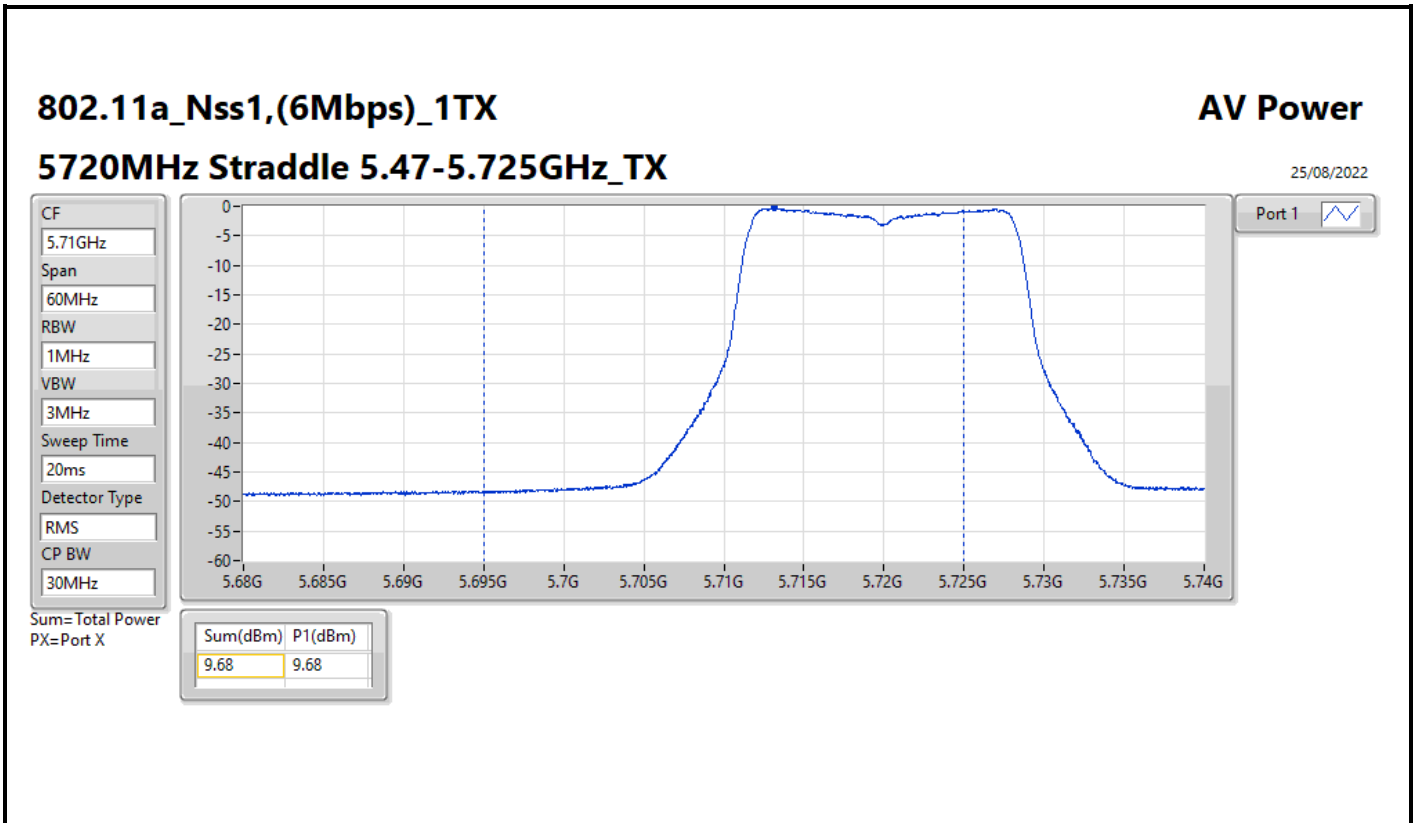
Mode	Total Power (dBm)	Total Power (W)
5.15-5.25GHz	-	-
5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_1TX	5.45	0.00351
5.25-5.35GHz	-	-
5.25-5.35GHz_802.11a_Nss1,(6Mbps)_1TX	10.90	0.01230
5.25-5.35GHz_802.11ax HEW20_Nss1,(MCS0)_1TX	11.29	0.01346
5.25-5.35GHz_802.11ax HEW40_Nss1,(MCS0)_1TX	11.19	0.01315
5.25-5.35GHz_802.11ax HEW80_Nss1,(MCS0)_1TX	10.44	0.01107
5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_1TX	5.29	0.00338
5.47-5.725GHz	-	-
5.47-5.725GHz_802.11a_Nss1,(6Mbps)_1TX	10.89	0.01227
5.47-5.725GHz_802.11ax HEW20_Nss1,(MCS0)_1TX	11.11	0.01291
5.47-5.725GHz_802.11ax HEW40_Nss1,(MCS0)_1TX	11.43	0.01390
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_1TX	11.32	0.01355
5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_1TX	6.34	0.00431
5.725-5.85GHz	-	-
5.725-5.85GHz_802.11a_Nss1,(6Mbps)_1TX	4.07	0.00255
5.725-5.85GHz_802.11ax HEW20_Nss1,(MCS0)_1TX	7.29	0.00536
5.725-5.85GHz_802.11ax HEW40_Nss1,(MCS0)_1TX	0.81	0.00121
5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_1TX	-2.99	0.00050

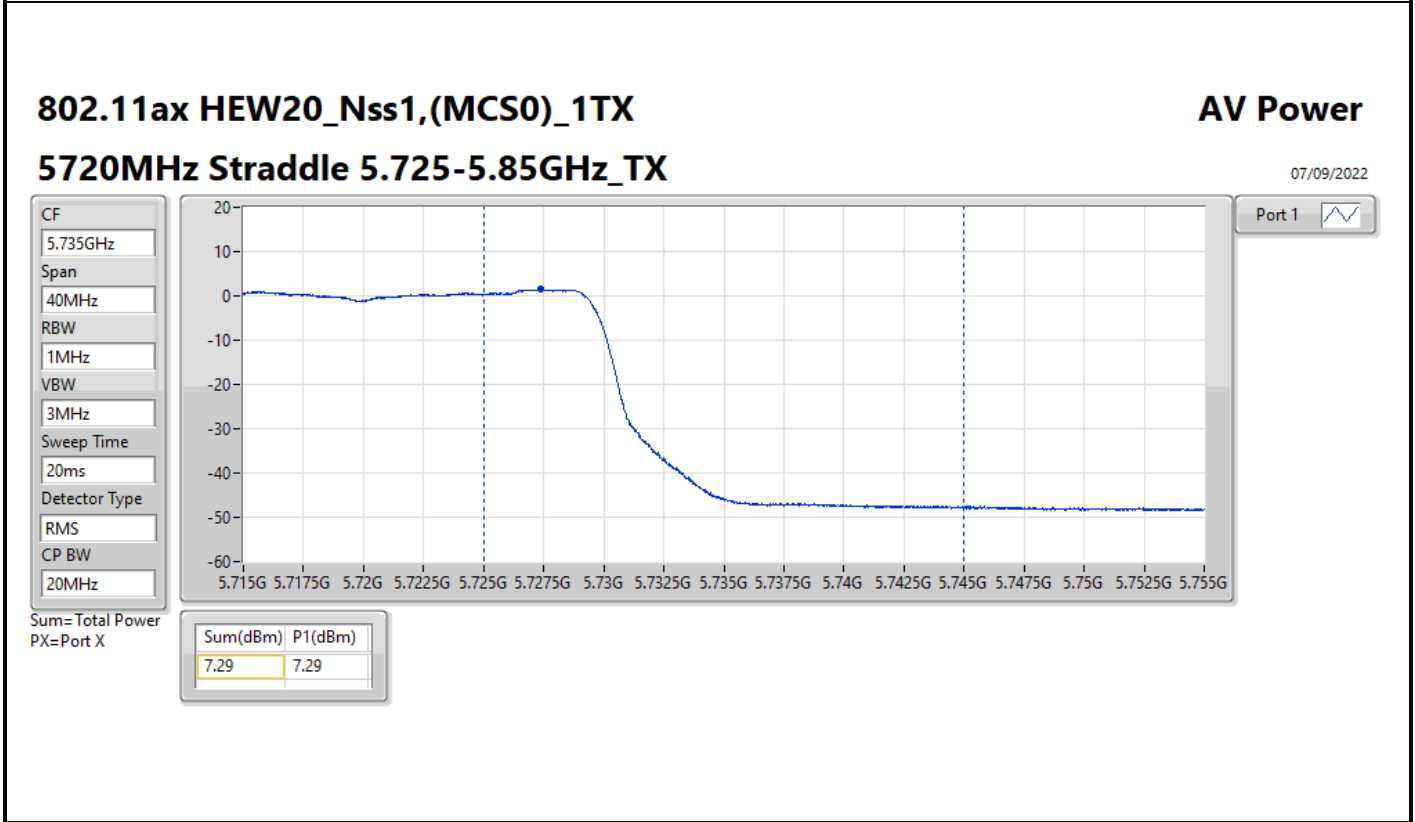
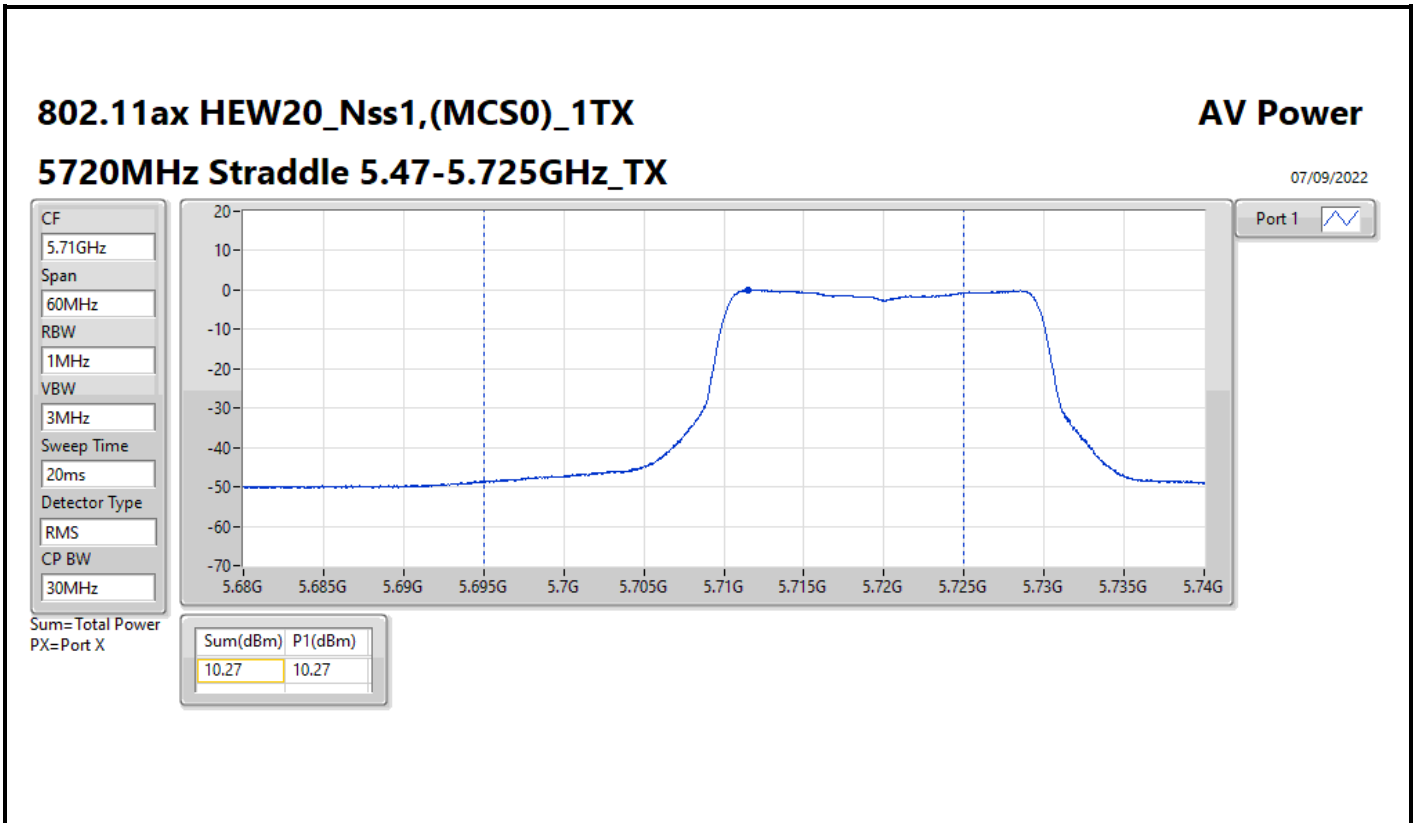


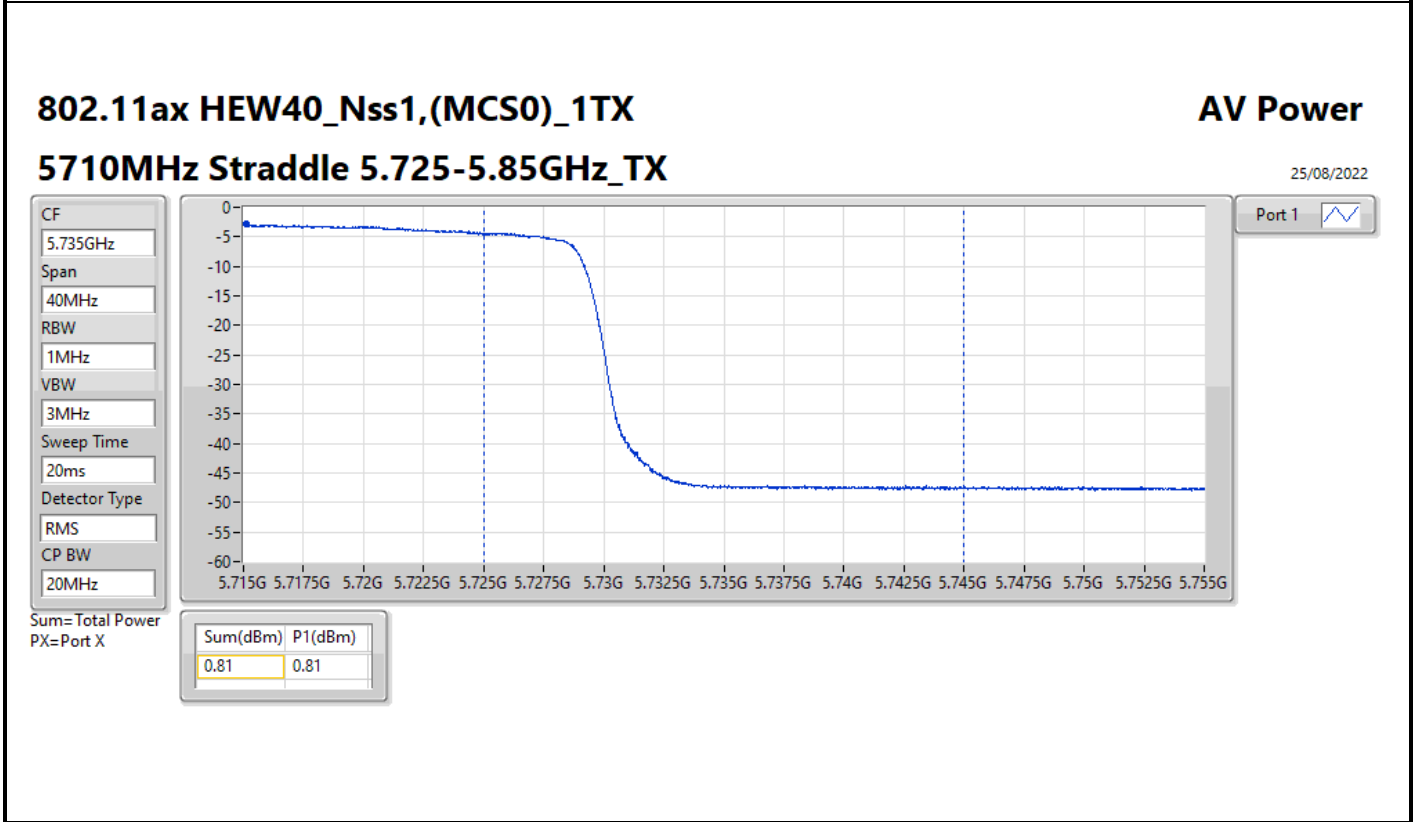
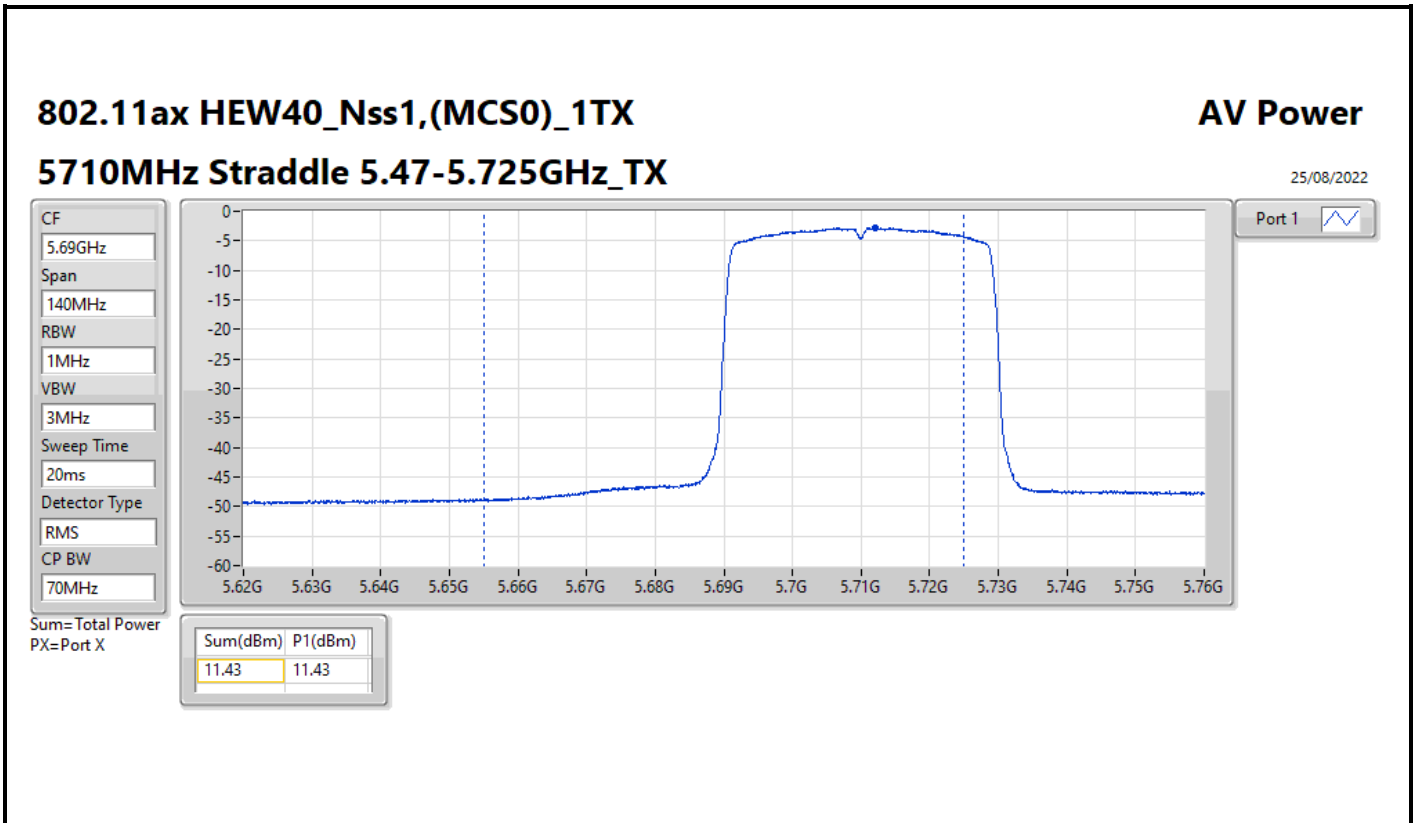
Result

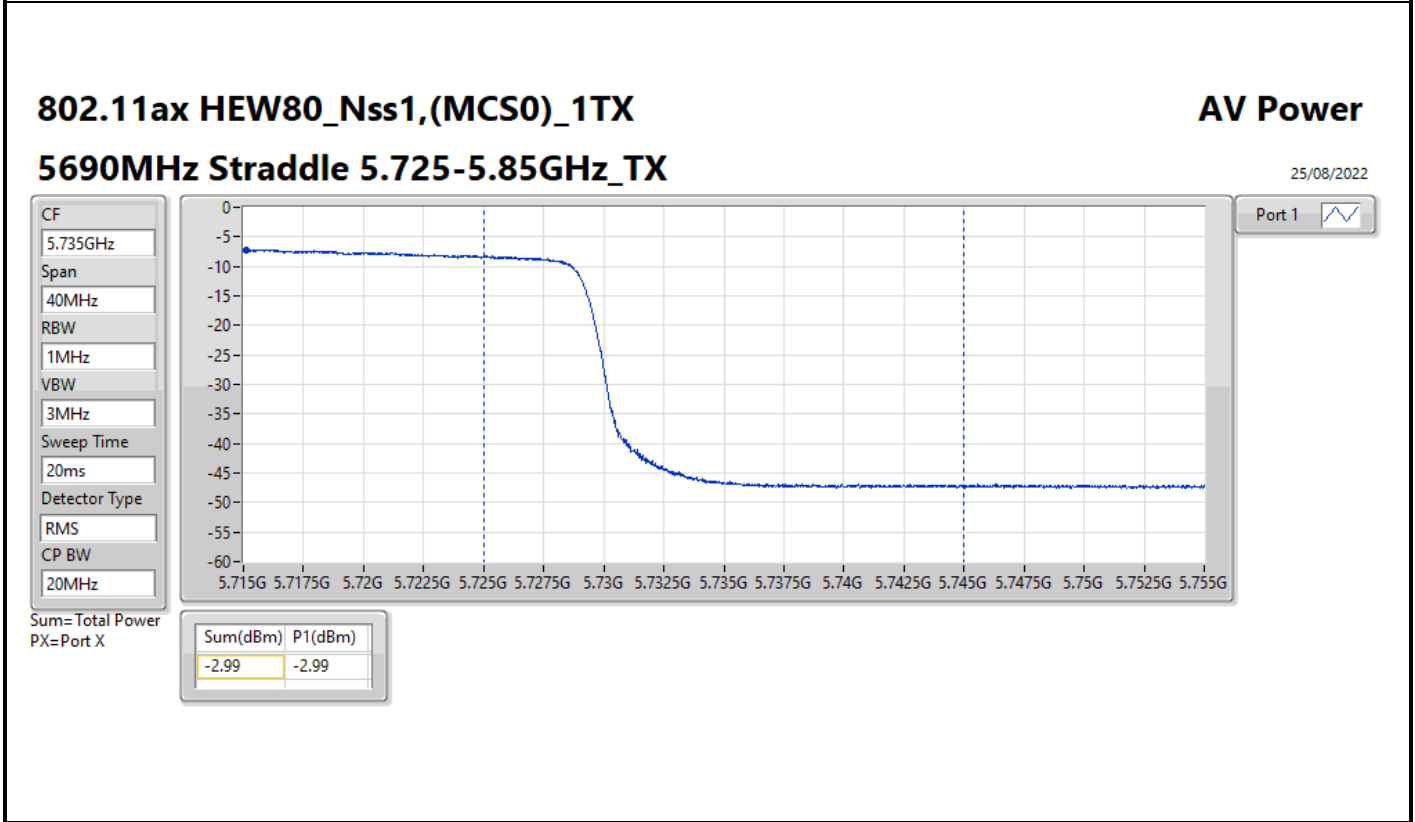
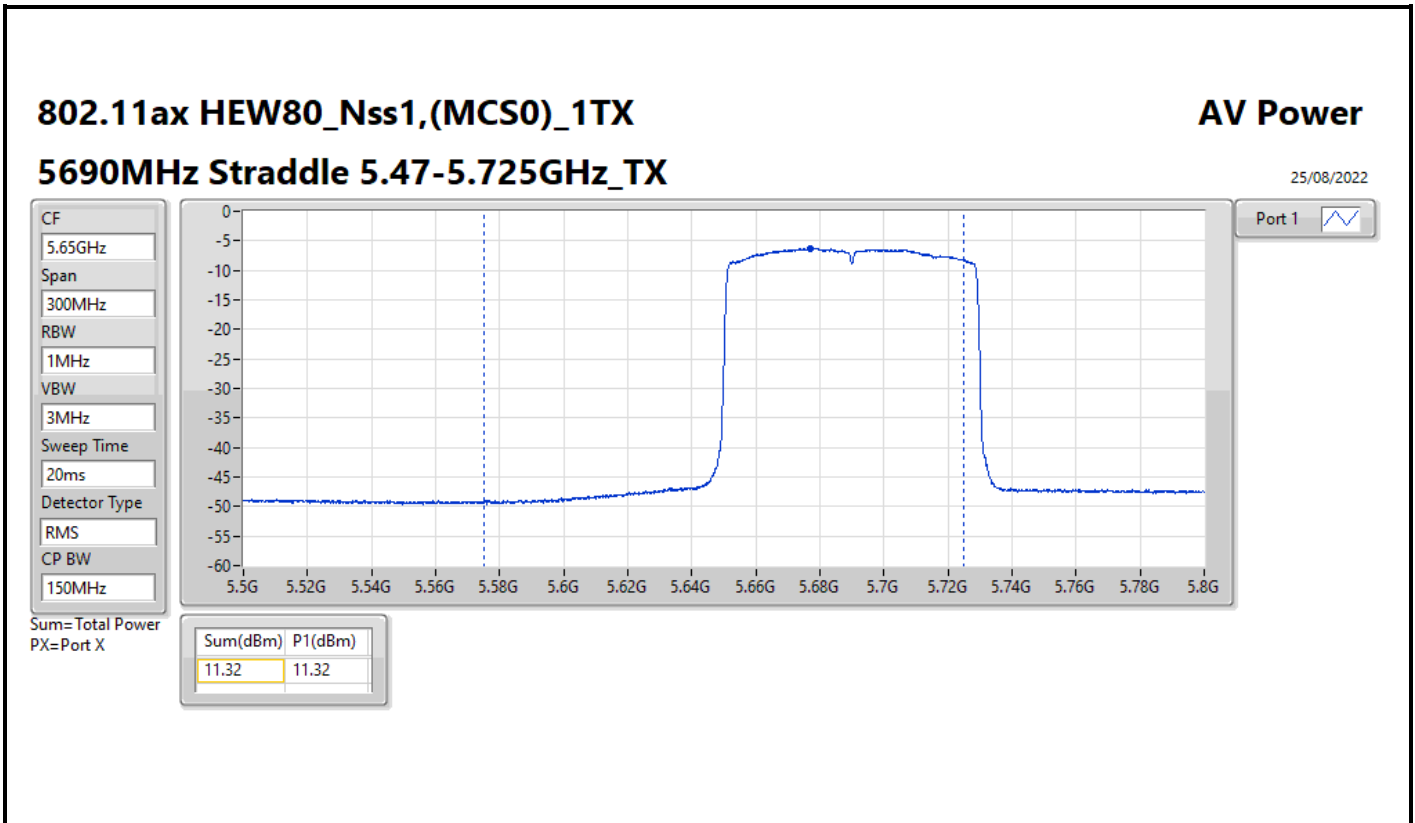
Mode	Result	DG (dBi)	Port 1 (dBm)	Total Power (dBm)	Power Limit (dBm)
5.15-5.25GHz_802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-
5260MHz	Pass	18.53	10.75	10.75	11.45
5300MHz	Pass	18.53	10.74	10.74	11.45
5320MHz	Pass	18.53	10.90	10.90	11.45
5500MHz	Pass	18.53	10.69	10.69	11.45
5580MHz	Pass	18.53	10.77	10.77	11.45
5700MHz	Pass	18.53	10.89	10.89	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	9.68	9.68	10.33
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	4.07	4.07	30.00
5.15-5.25GHz_802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-
5260MHz	Pass	18.53	11.29	11.29	11.45
5300MHz	Pass	18.53	11.18	11.18	11.45
5320MHz	Pass	18.53	11.05	11.05	11.45
5500MHz	Pass	18.53	11.05	11.05	11.45
5580MHz	Pass	18.53	10.70	10.70	11.45
5700MHz	Pass	18.53	11.11	11.11	11.45
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	10.27	10.27	10.50
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	7.29	7.29	30.00
5.15-5.25GHz_802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-
5270MHz	Pass	18.53	11.19	11.19	11.45
5310MHz	Pass	18.53	10.76	10.76	11.45
5510MHz	Pass	18.53	9.89	9.89	11.45
5550MHz	Pass	18.53	11.20	11.20	11.45
5670MHz	Pass	18.53	11.19	11.19	11.45
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	11.43	11.43	11.45
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	0.81	0.81	30.00
5.15-5.25GHz_802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-
5290MHz	Pass	18.53	10.44	10.44	11.45
5530MHz	Pass	18.53	7.64	7.64	11.45
5610MHz	Pass	18.53	11.28	11.28	11.45
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	11.32	11.32	11.45
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-2.99	-2.99	30.00
5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_1TX	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	18.53	5.45	5.45	30.00
5250MHz Straddle 5.25-5.35GHz	Pass	18.53	5.29	5.29	11.45
5570MHz	Pass	18.53	6.34	6.34	11.45

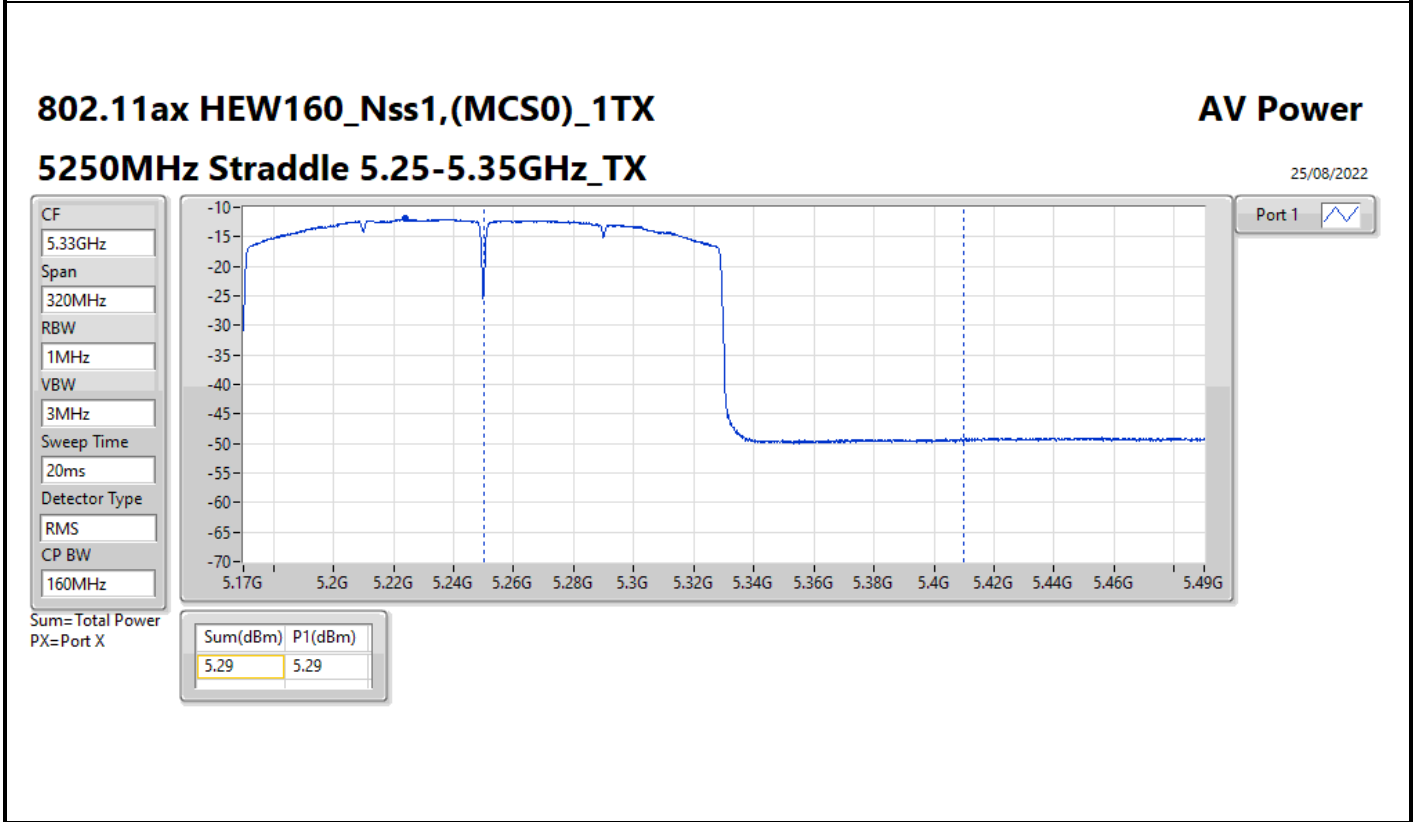
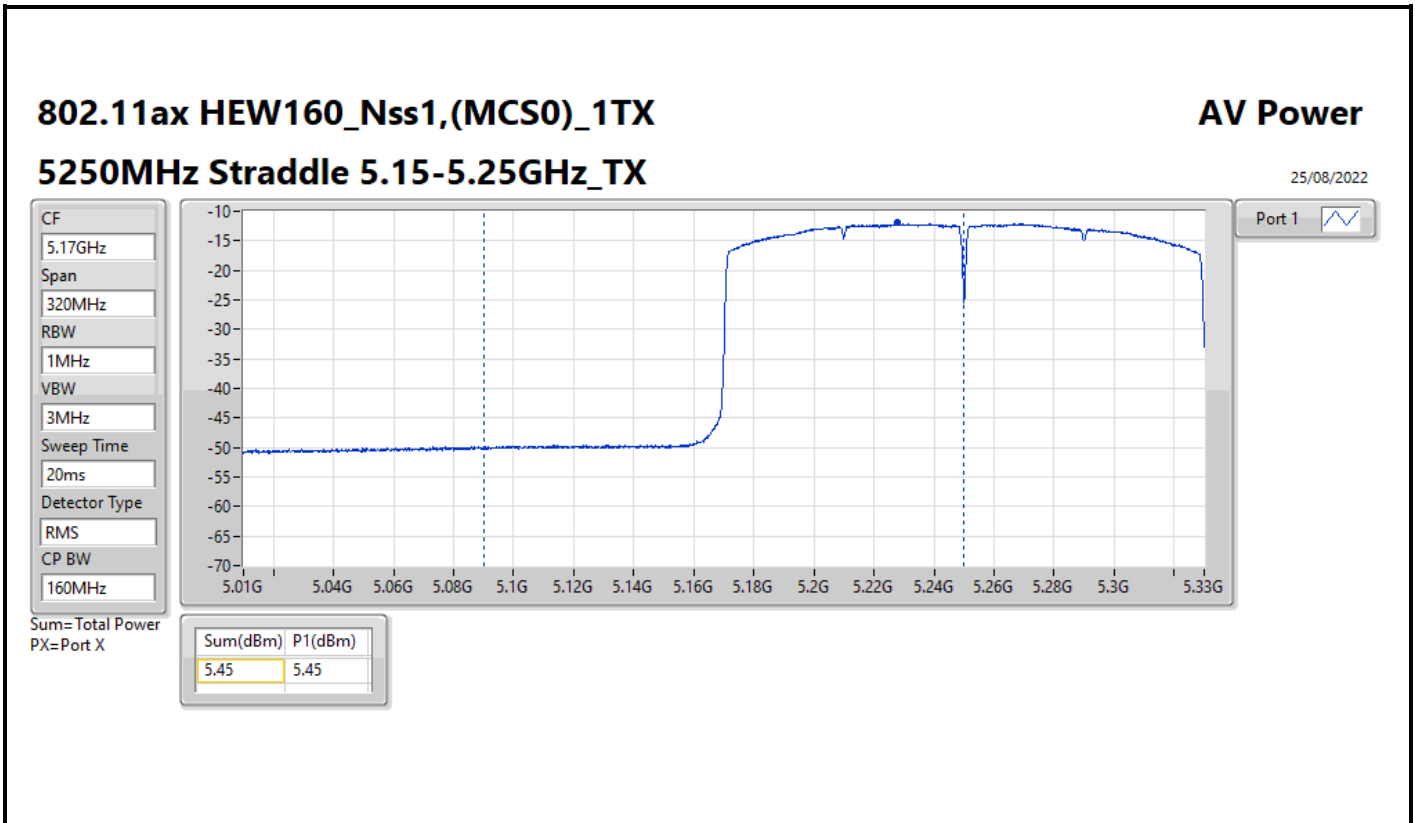
DG = Directional Gain; Port X = Port X output power













Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	7.18
802.11ax HEW20_Nss1,(MCS0)_1TX	6.85
802.11ax HEW40_Nss1,(MCS0)_1TX	3.93
802.11ax HEW80_Nss1,(MCS0)_1TX	-0.86
802.11a_Nss1,(6Mbps)_2TX	10.66
802.11ax HEW20_Nss1,(MCS0)_2TX	10.66
802.11ax HEW40_Nss1,(MCS0)_2TX	7.58
802.11ax HEW80_Nss1,(MCS0)_2TX	2.21
802.11a_Nss1,(6Mbps)_4TX	7.96
802.11ax HEW20_Nss1,(MCS0)_4TX	7.74
802.11ax HEW40_Nss1,(MCS0)_4TX	6.79
802.11ax HEW80_Nss1,(MCS0)_4TX	-2.88
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	6.84
802.11ax HEW20_Nss1,(MCS0)_1TX	6.44
802.11ax HEW40_Nss1,(MCS0)_1TX	3.82
802.11ax HEW80_Nss1,(MCS0)_1TX	0.70
802.11a_Nss1,(6Mbps)_2TX	10.71
802.11ax HEW20_Nss1,(MCS0)_2TX	10.78
802.11ax HEW40_Nss1,(MCS0)_2TX	7.98
802.11ax HEW80_Nss1,(MCS0)_2TX	5.04
802.11a_Nss1,(6Mbps)_4TX	7.97
802.11ax HEW20_Nss1,(MCS0)_4TX	7.94
802.11ax HEW40_Nss1,(MCS0)_4TX	7.71
802.11ax HEW80_Nss1,(MCS0)_4TX	4.59
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	4.46
802.11ax HEW20_Nss1,(MCS0)_1TX	4.07
802.11ax HEW40_Nss1,(MCS0)_1TX	0.44
802.11ax HEW80_Nss1,(MCS0)_1TX	-3.41
802.11a_Nss1,(6Mbps)_2TX	8.34
802.11ax HEW20_Nss1,(MCS0)_2TX	7.69
802.11ax HEW40_Nss1,(MCS0)_2TX	5.51
802.11ax HEW80_Nss1,(MCS0)_2TX	1.70
802.11a_Nss1,(6Mbps)_4TX	5.42
802.11ax HEW20_Nss1,(MCS0)_4TX	5.68
802.11ax HEW40_Nss1,(MCS0)_4TX	4.96
802.11ax HEW80_Nss1,(MCS0)_4TX	1.21

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	7.18				7.18	11.00
5300MHz	Pass	3.00	6.97				6.97	11.00
5320MHz	Pass	3.00	6.71				6.71	11.00
5500MHz	Pass	3.00	6.84				6.84	11.00
5580MHz	Pass	3.00	6.29				6.29	11.00
5700MHz	Pass	3.00	6.08				6.08	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	6.40				6.40	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	4.46				4.46	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	3.00	6.85				6.85	11.00
5300MHz	Pass	3.00	6.62				6.62	11.00
5320MHz	Pass	3.00	6.37				6.37	11.00
5500MHz	Pass	3.00	6.44				6.44	11.00
5580MHz	Pass	3.00	6.01				6.01	11.00
5700MHz	Pass	3.00	5.79				5.79	11.00
5720MHz Straddle 5.47-5.725GHz	Pass	3.00	5.97				5.97	11.00
5720MHz Straddle 5.725-5.85GHz	Pass	3.00	4.07				4.07	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5270MHz	Pass	3.00	3.93				3.93	11.00
5310MHz	Pass	3.00	2.51				2.51	11.00
5510MHz	Pass	3.00	3.26				3.26	11.00
5550MHz	Pass	3.00	3.47				3.47	11.00
5670MHz	Pass	3.00	3.82				3.82	11.00
5710MHz Straddle 5.47-5.725GHz	Pass	3.00	3.26				3.26	11.00
5710MHz Straddle 5.725-5.85GHz	Pass	3.00	0.44				0.44	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5290MHz	Pass	3.00	-0.86				-0.86	11.00
5530MHz	Pass	3.00	-0.32				-0.32	11.00
5610MHz	Pass	3.00	0.70				0.70	11.00
5690MHz Straddle 5.47-5.725GHz	Pass	3.00	0.34				0.34	11.00
5690MHz Straddle 5.725-5.85GHz	Pass	3.00	-3.41				-3.41	30.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.01	6.16	8.80			10.66	10.99
5300MHz	Pass	6.01	5.87	8.90			10.55	10.99
5320MHz	Pass	6.01	5.15	8.24			9.86	10.99
5500MHz	Pass	6.01	6.21	9.11			10.71	10.99
5580MHz	Pass	6.01	5.88	8.89			10.54	10.99
5700MHz	Pass	6.01	5.09	7.60			9.40	10.99
5720MHz Straddle 5.47-5.725GHz	Pass	6.01	6.21	8.85			10.68	10.99
5720MHz Straddle 5.725-5.85GHz	Pass	6.01	3.81	6.80			8.34	29.99
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	6.01	5.88	8.55			10.34	10.99
5300MHz	Pass	6.01	5.98	8.95			10.66	10.99
5320MHz	Pass	6.01	4.85	8.03			9.56	10.99
5500MHz	Pass	6.01	5.43	8.28			9.96	10.99
5580MHz	Pass	6.01	6.12	9.12			10.57	10.99
5700MHz	Pass	6.01	4.40	6.74			8.52	10.99
5720MHz Straddle 5.47-5.725GHz	Pass	6.01	6.52	8.95			10.78	10.99
5720MHz Straddle 5.725-5.85GHz	Pass	6.01	2.97	6.32			7.69	29.99
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	6.01	3.05	5.74			7.58	10.99
5310MHz	Pass	6.01	1.19	4.15			5.87	10.99
5510MHz	Pass	6.01	1.78	4.37			6.05	10.99
5550MHz	Pass	6.01	3.18	5.57			7.34	10.99



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)
5670MHz	Pass	6.01	1.85	4.20			5.94	10.99
5710MHz Straddle 5.47-5.725GHz	Pass	6.01	3.59	6.18			7.98	10.99
5710MHz Straddle 5.725-5.85GHz	Pass	6.01	1.07	3.62			5.51	29.99
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	6.01	-2.36	0.51			2.21	10.99
5530MHz	Pass	6.01	-2.68	-0.16			1.61	10.99
5610MHz	Pass	6.01	-0.84	1.75			3.41	10.99
5690MHz Straddle 5.47-5.725GHz	Pass	6.01	0.62	3.32			5.04	10.99
5690MHz Straddle 5.725-5.85GHz	Pass	6.01	-2.87	-0.14			1.70	29.99
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.02	-0.80	2.40	3.45	1.41	7.62	7.98
5300MHz	Pass	9.02	-0.14	2.81	3.35	2.06	7.96	7.98
5320MHz	Pass	9.02	-0.74	2.74	3.18	1.99	7.77	7.98
5500MHz	Pass	9.02	-0.93	2.07	3.49	1.68	7.76	7.98
5580MHz	Pass	9.02	-0.12	3.29	3.50	1.60	7.97	7.98
5700MHz	Pass	9.02	0.03	2.60	3.43	1.70	7.93	7.98
5720MHz Straddle 5.47-5.725GHz	Pass	9.02	-0.13	2.80	3.60	2.02	7.93	7.98
5720MHz Straddle 5.725-5.85GHz	Pass	9.02	-2.12	-0.21	0.44	0.08	5.42	26.98
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	9.02	-0.58	2.26	3.47	1.50	7.74	7.98
5300MHz	Pass	9.02	-1.13	2.61	2.99	1.48	7.63	7.98
5320MHz	Pass	9.02	-0.59	2.41	3.22	1.92	7.71	7.98
5500MHz	Pass	9.02	-0.52	2.22	3.96	1.92	7.84	7.98
5580MHz	Pass	9.02	-0.29	2.91	3.68	1.76	7.94	7.98
5700MHz	Pass	9.02	-0.01	2.88	3.43	1.81	7.67	7.98
5720MHz Straddle 5.47-5.725GHz	Pass	9.02	-0.32	1.58	3.34	1.61	7.53	7.98
5720MHz Straddle 5.725-5.85GHz	Pass	9.02	-3.19	0.67	0.91	-0.53	5.68	26.98
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	9.02	-1.16	1.54	2.26	0.88	6.79	7.98
5310MHz	Pass	9.02	-7.18	-4.12	-3.67	-4.61	1.07	7.98
5510MHz	Pass	9.02	-4.66	-1.42	0.03	-1.92	4.10	7.98
5550MHz	Pass	9.02	-0.92	1.57	3.06	1.09	7.10	7.98
5670MHz	Pass	9.02	0.05	2.34	2.92	2.23	7.68	7.98
5710MHz Straddle 5.47-5.725GHz	Pass	9.02	-0.54	2.22	3.25	1.87	7.71	7.98
5710MHz Straddle 5.725-5.85GHz	Pass	9.02	-3.29	-0.77	0.40	-1.09	4.96	26.98
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	9.02	-8.71	-7.24	-8.26	-11.32	-2.88	7.98
5530MHz	Pass	9.02	-9.50	-6.70	-5.40	-7.09	-1.22	7.98
5610MHz	Pass	9.02	-3.45	-0.39	0.47	-1.58	4.49	7.98
5690MHz Straddle 5.47-5.725GHz	Pass	9.02	-3.54	-0.73	-0.02	-1.39	4.59	7.98
5690MHz Straddle 5.725-5.85GHz	Pass	9.02	-6.94	-4.31	-3.14	-4.97	1.21	26.98

DG = Directional Gain; RBW = 500kHz 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

5260MHz

18/08/2022

CF
5.26GHz

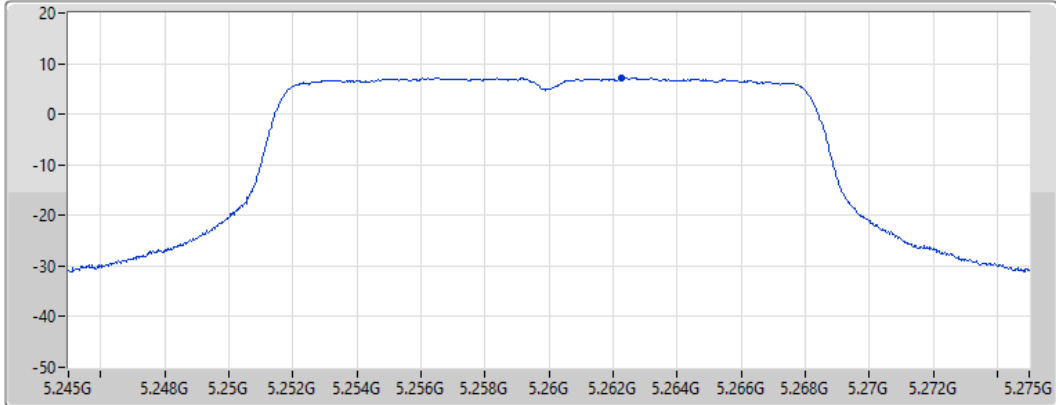
Span
30MHz


RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.18	7.18	7.18

802.11a_Nss1,(6Mbps)_1TX

PSD

5300MHz

18/08/2022

CF
5.3GHz

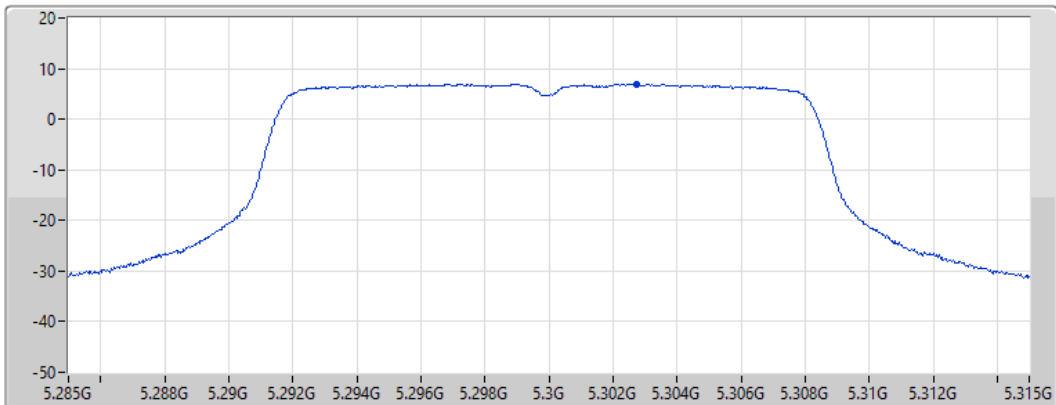
Span
30MHz


RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.97	6.97	6.97

802.11a_Nss1,(6Mbps)_1TX

PSD

5320MHz

18/08/2022

CF
5.32GHz

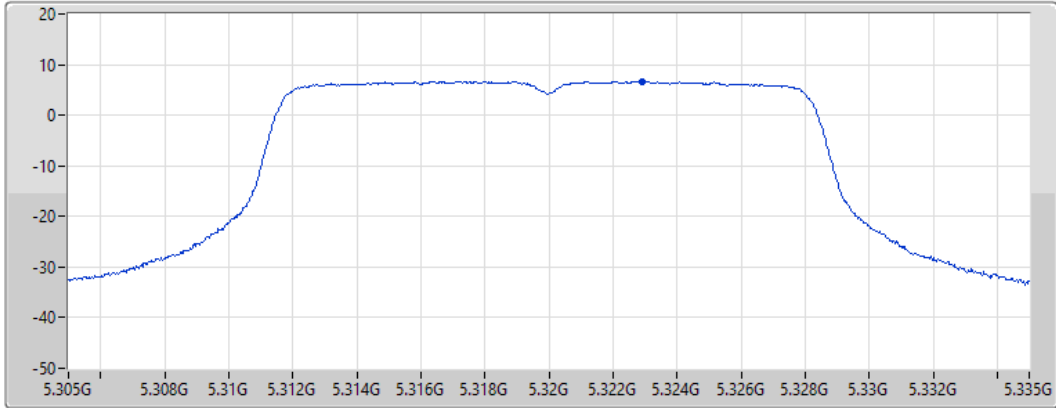
Span
30MHz


RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.71	6.71	6.71

802.11a_Nss1,(6Mbps)_1TX

PSD

5500MHz

18/08/2022

CF
5.5GHz

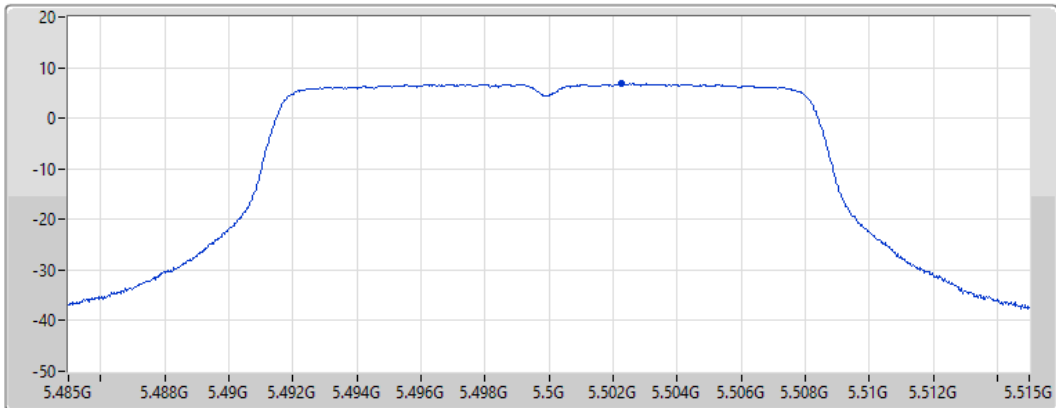
Span
30MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.84	6.84	6.84

802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

18/08/2022

CF
5.58GHz

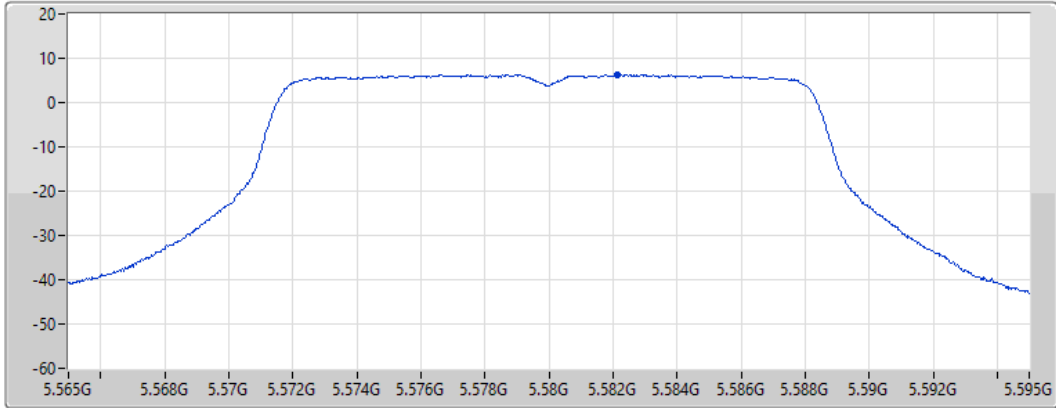
Span
30MHz


RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.29	6.29	6.29

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

19/08/2022

CF
5.7GHz

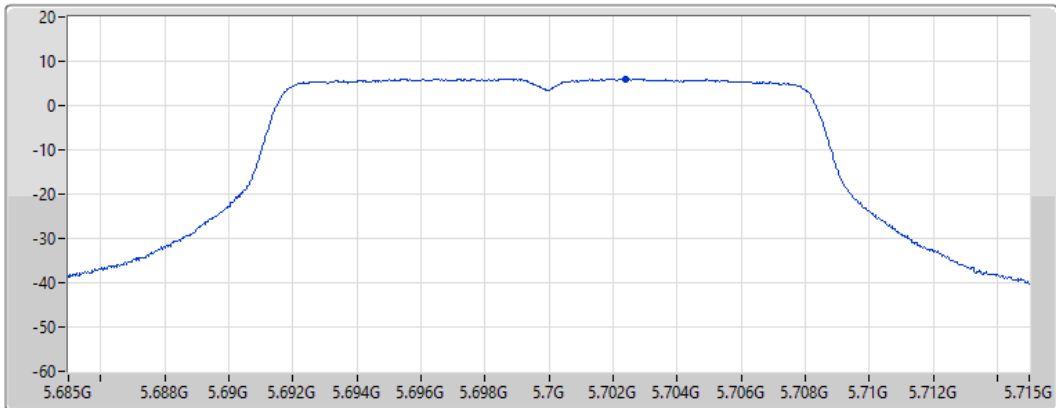
Span
30MHz


RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1 

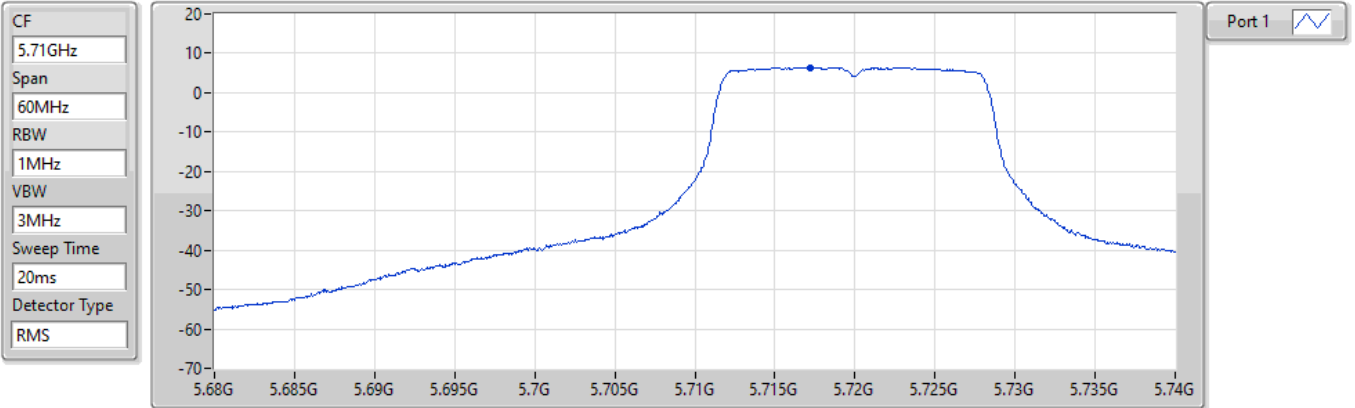
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.08	6.08	6.08

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

18/08/2022



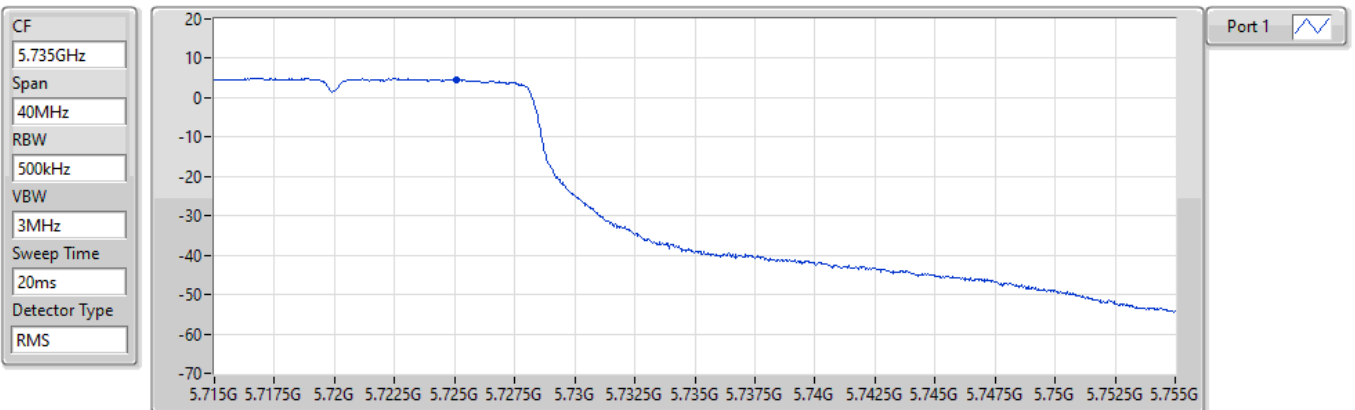
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.40	6.40	6.40

802.11a_Nss1,(6Mbps)_1TX

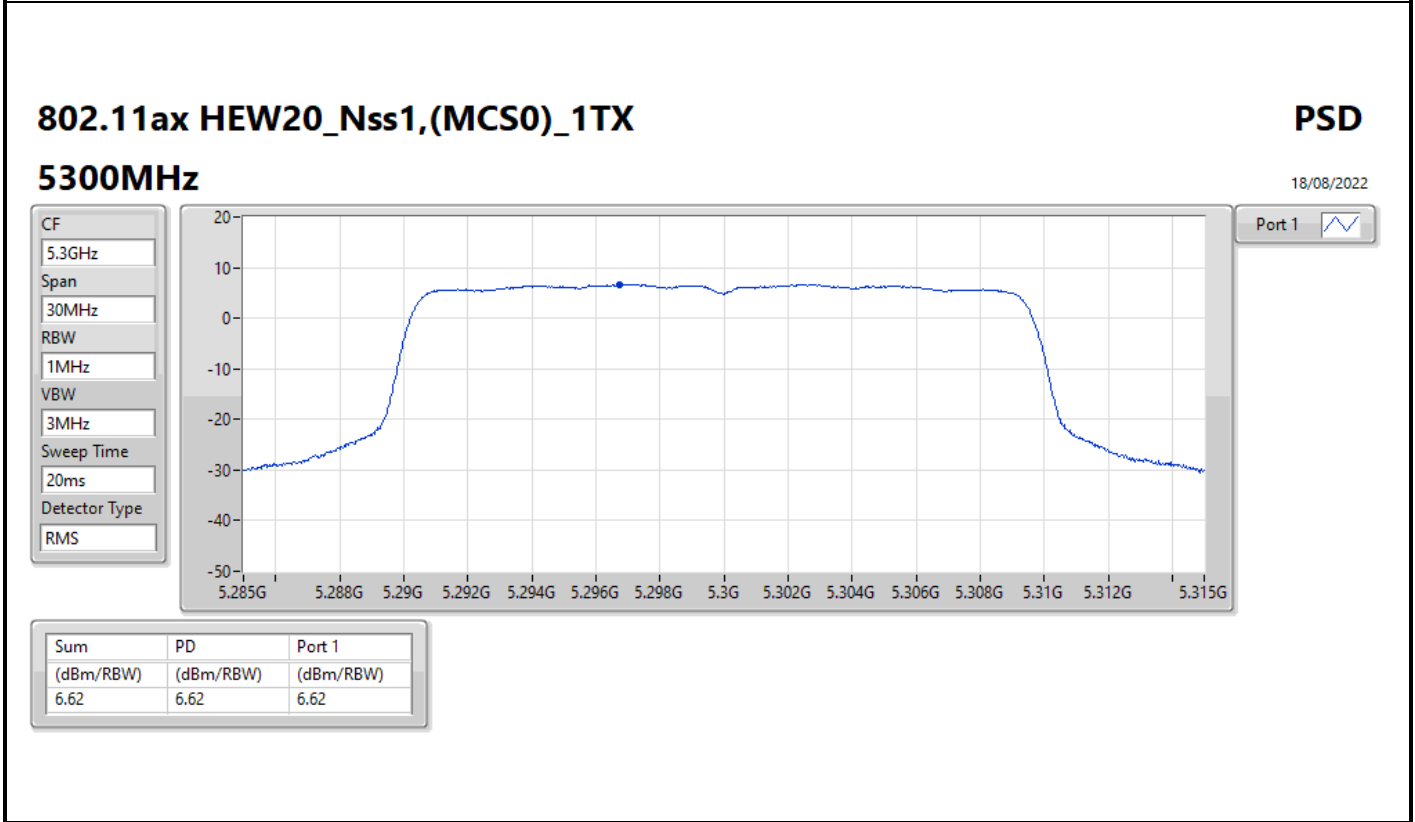
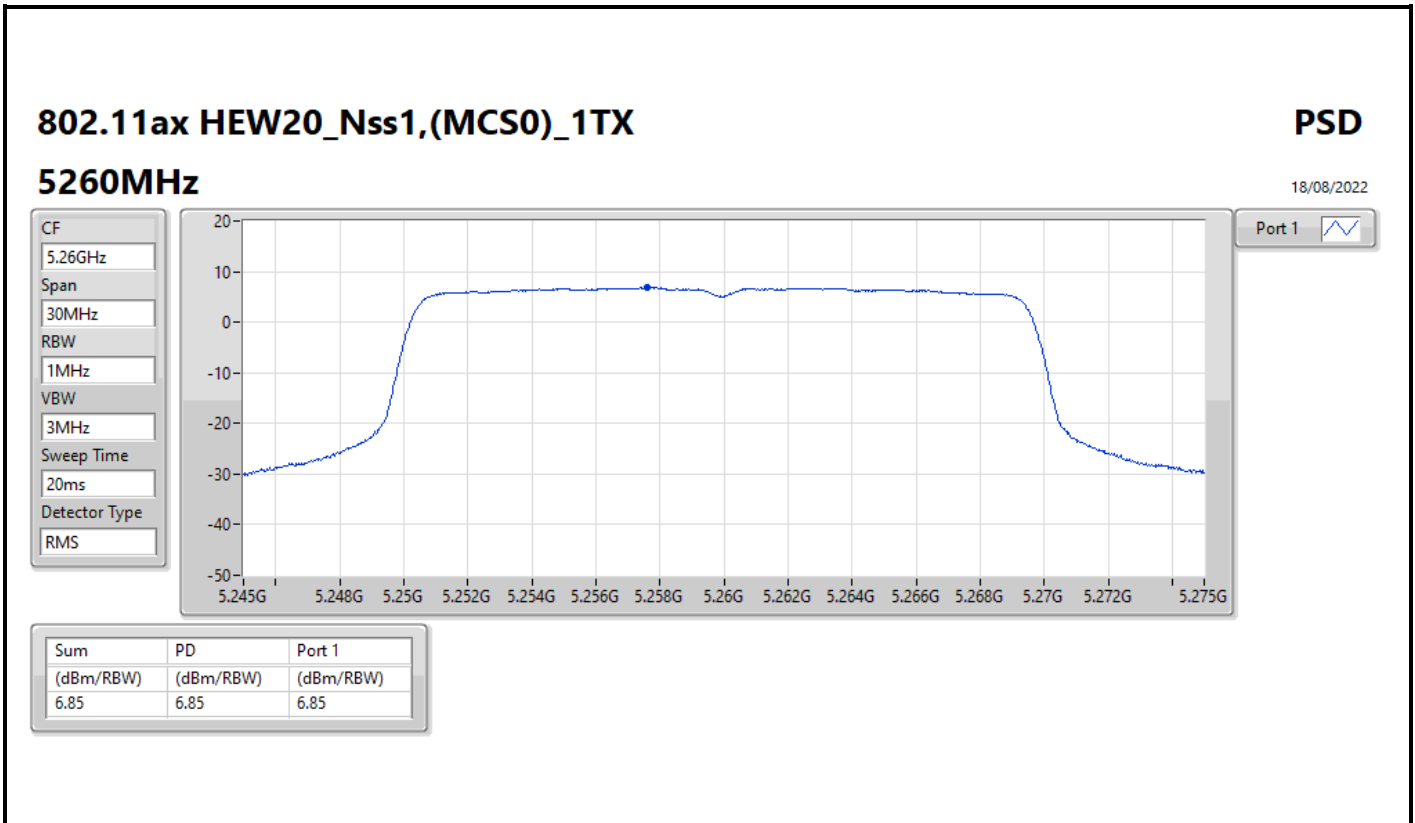
PSD

5720MHz Straddle 5.725-5.85GHz

18/08/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.46	4.46	4.46



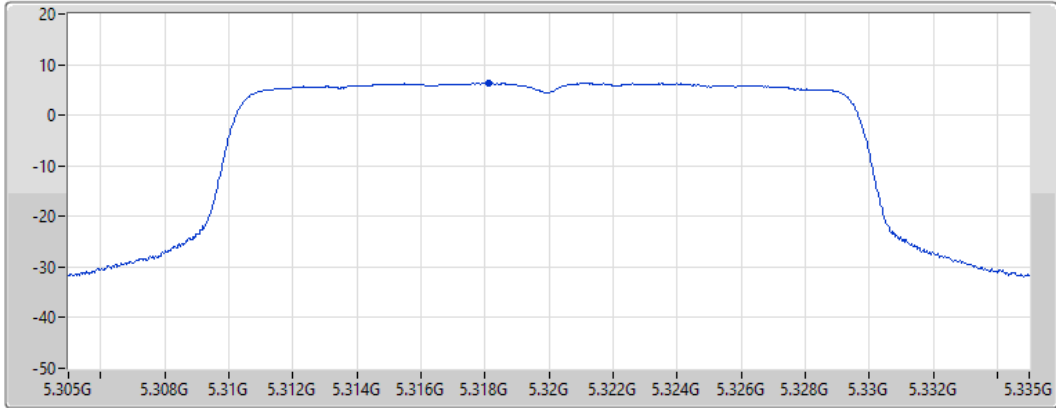
802.11ax HEW20_Nss1,(MCS0)_1TX


PSD

5320MHz

18/08/2022

CF
5.32GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.37	6.37	6.37

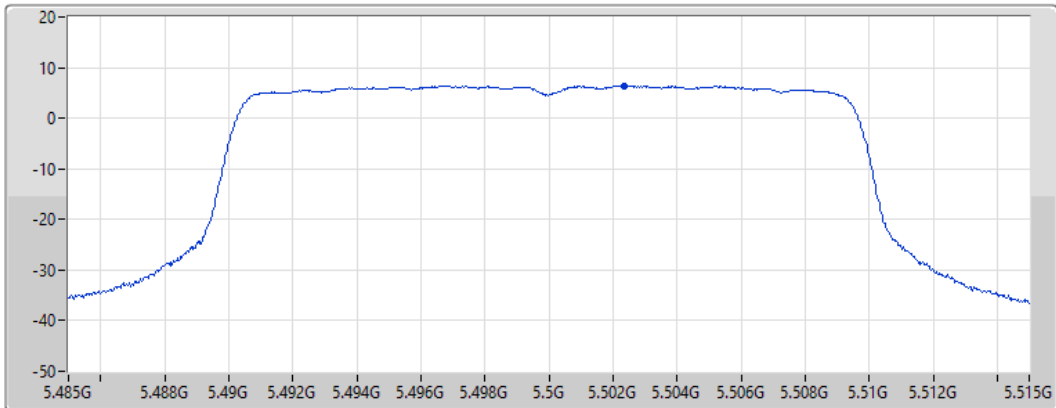
802.11ax HEW20_Nss1,(MCS0)_1TX


PSD

5500MHz

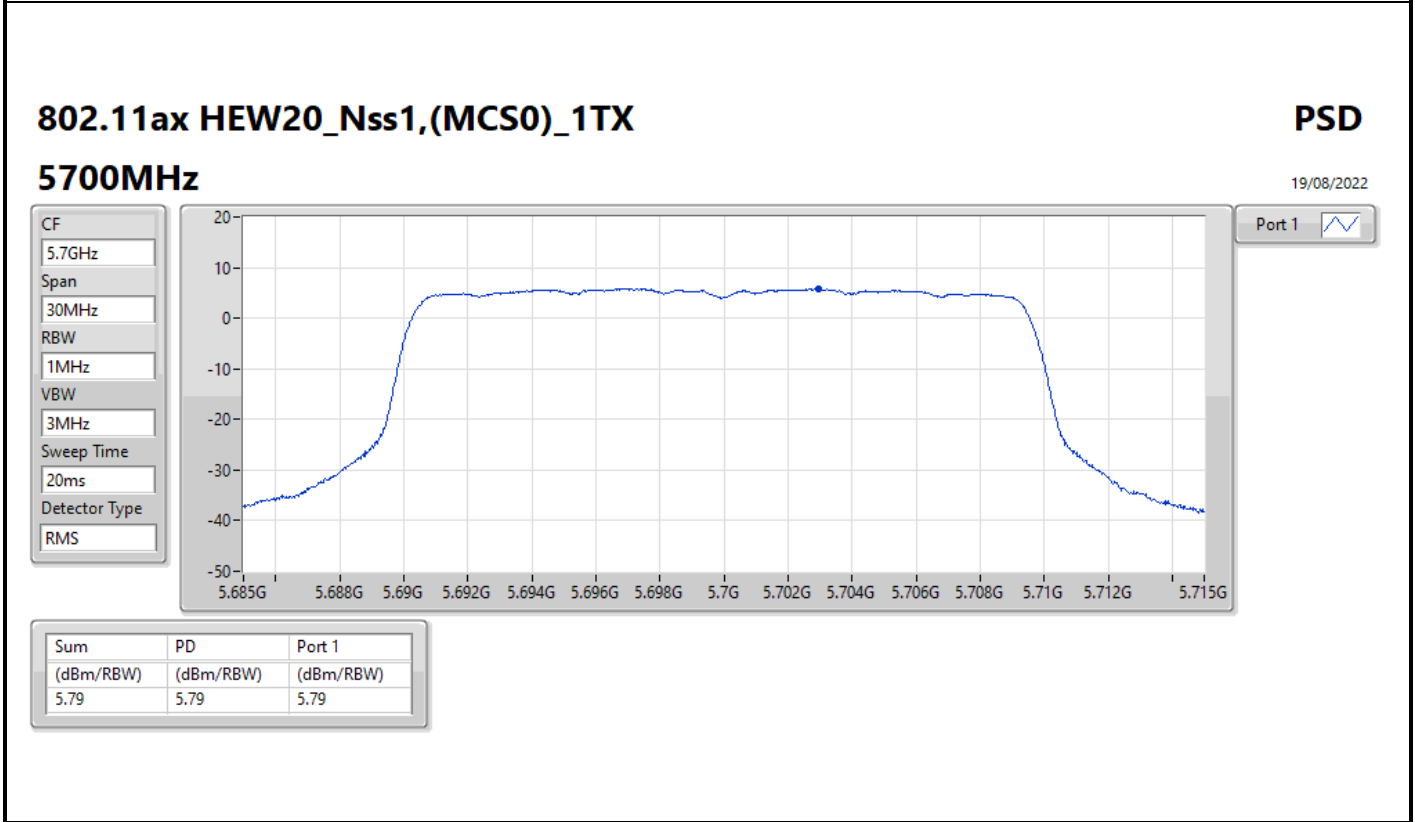
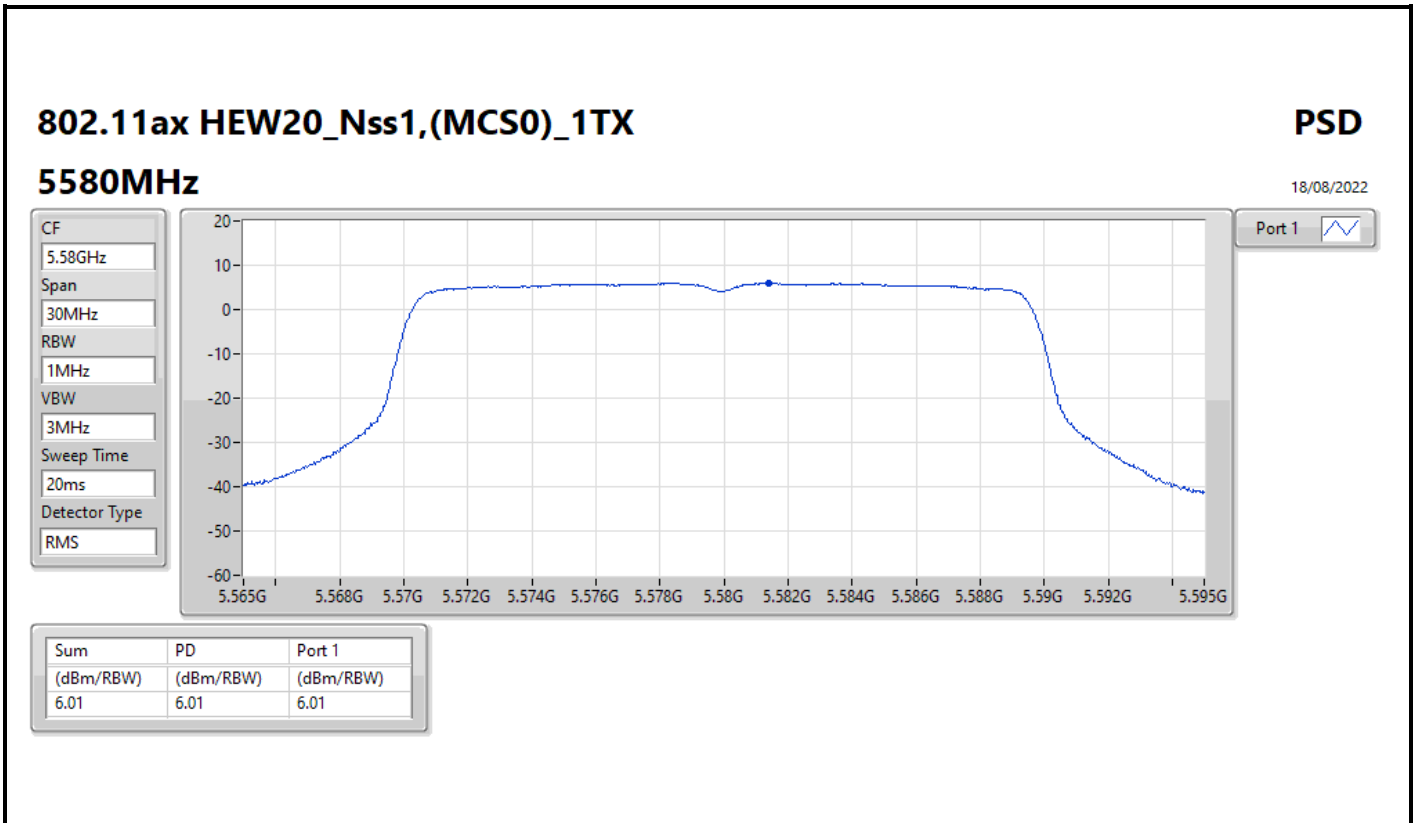
18/08/2022

CF
5.5GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.44	6.44	6.44



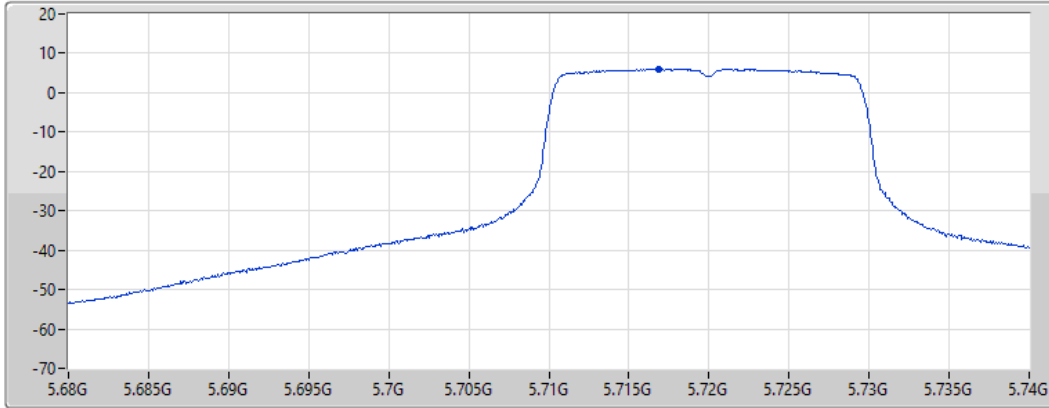
802.11ax HEW20_Nss1,(MCS0)_1TX


PSD

5720MHz Straddle 5.47-5.725GHz

18/08/2022

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.97	5.97	5.97

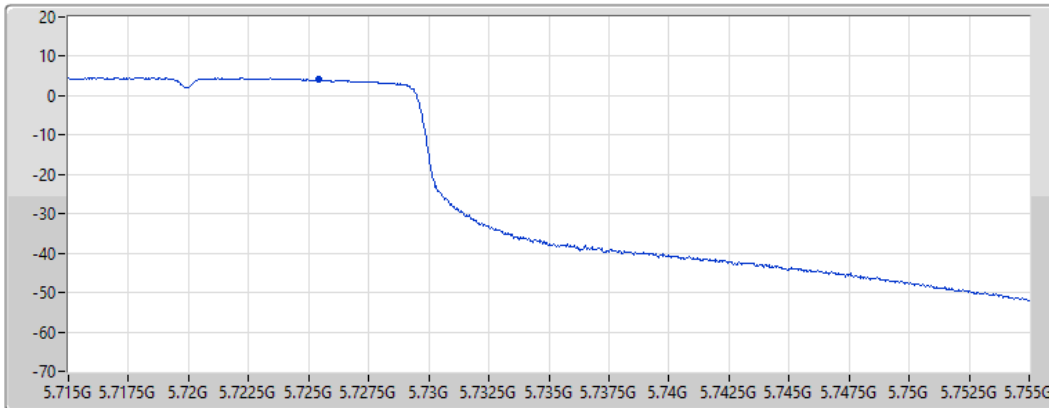
802.11ax HEW20_Nss1,(MCS0)_1TX


PSD

5720MHz Straddle 5.725-5.85GHz

18/08/2022

CF
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

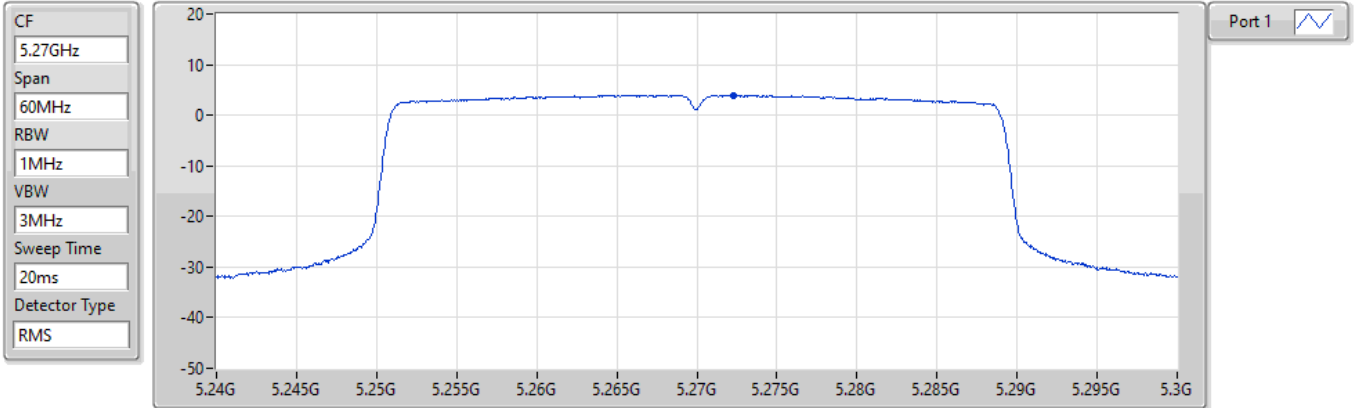
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.07	4.07	4.07

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5270MHz

18/08/2022



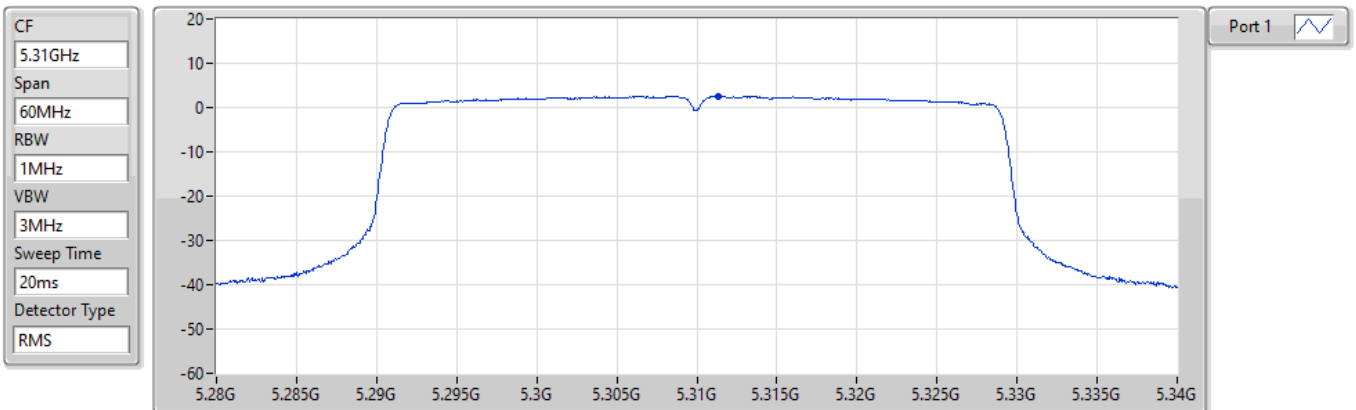
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.93	3.93	3.93

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5310MHz

19/08/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.51	2.51	2.51

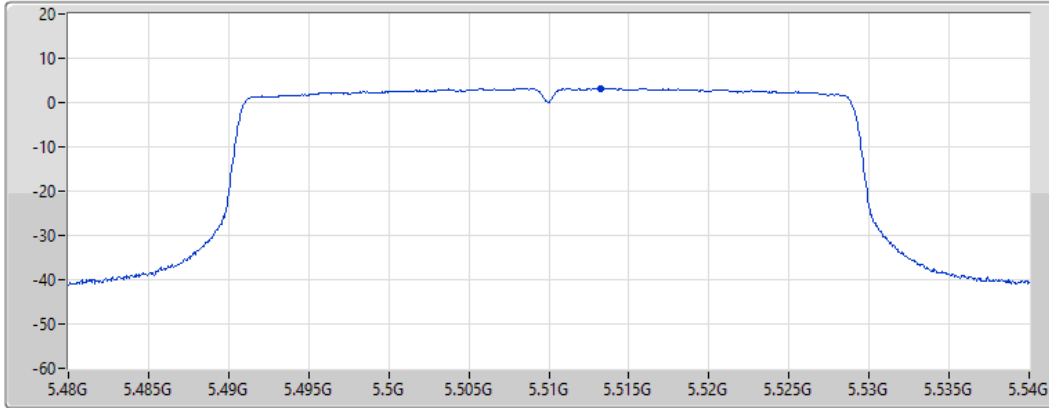
802.11ax HEW40_Nss1,(MCS0)_1TX


PSD

5510MHz

19/08/2022

CF
5.51GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.26	3.26	3.26

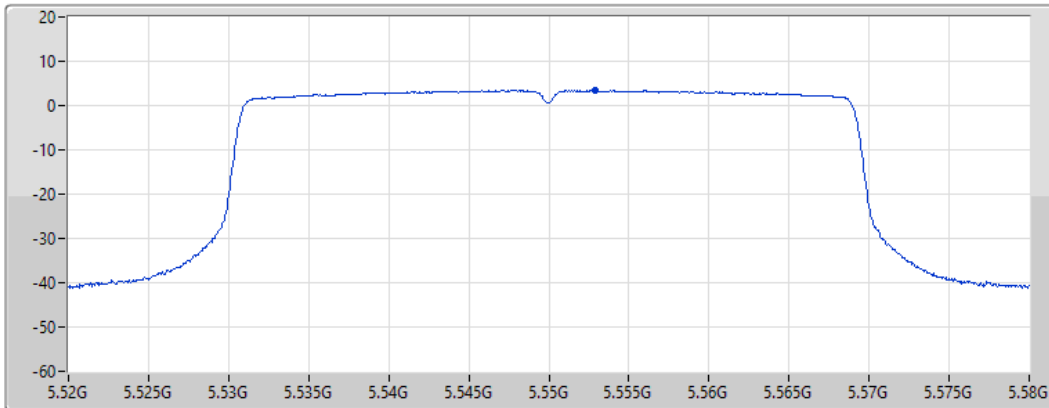
802.11ax HEW40_Nss1,(MCS0)_1TX


PSD

5550MHz

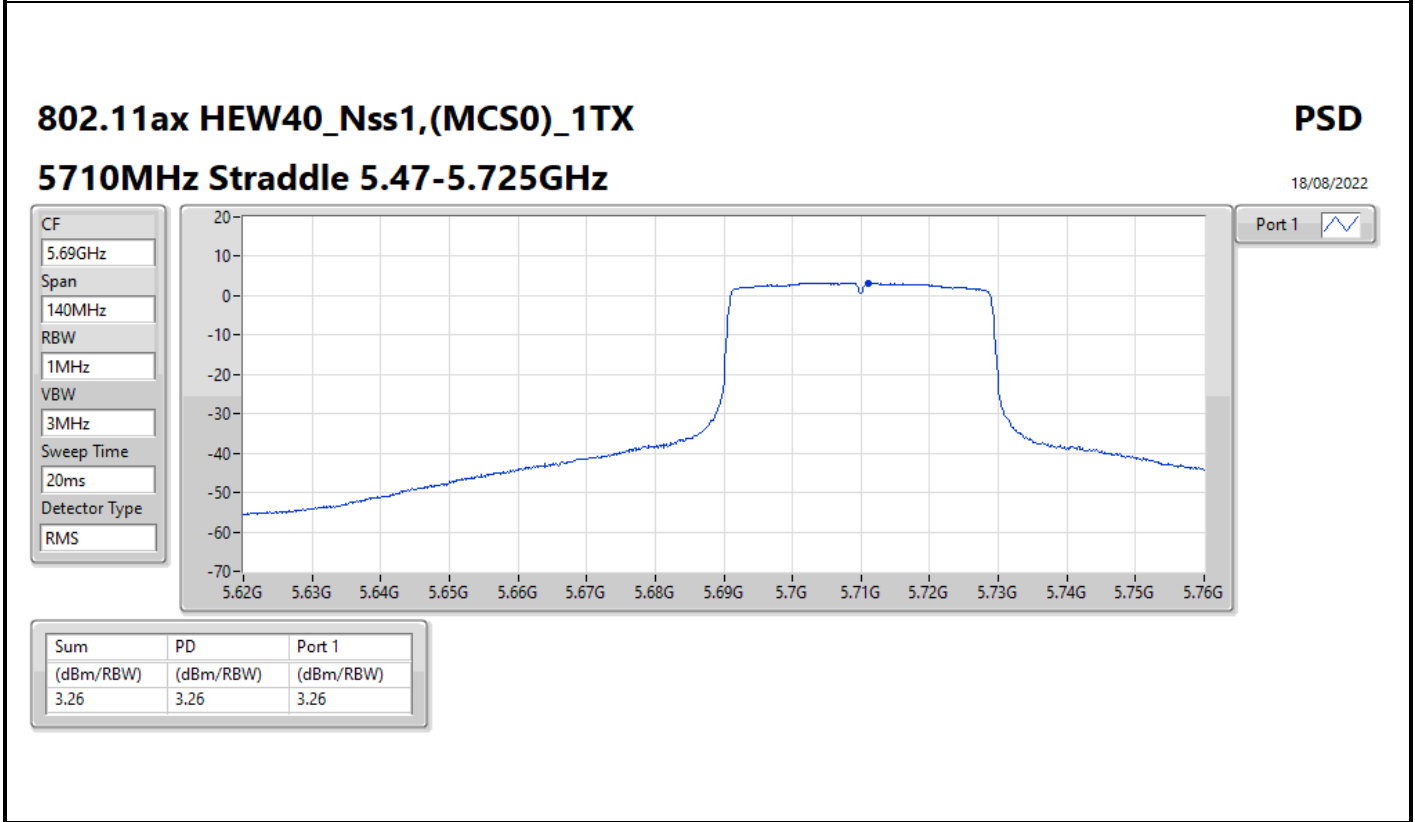
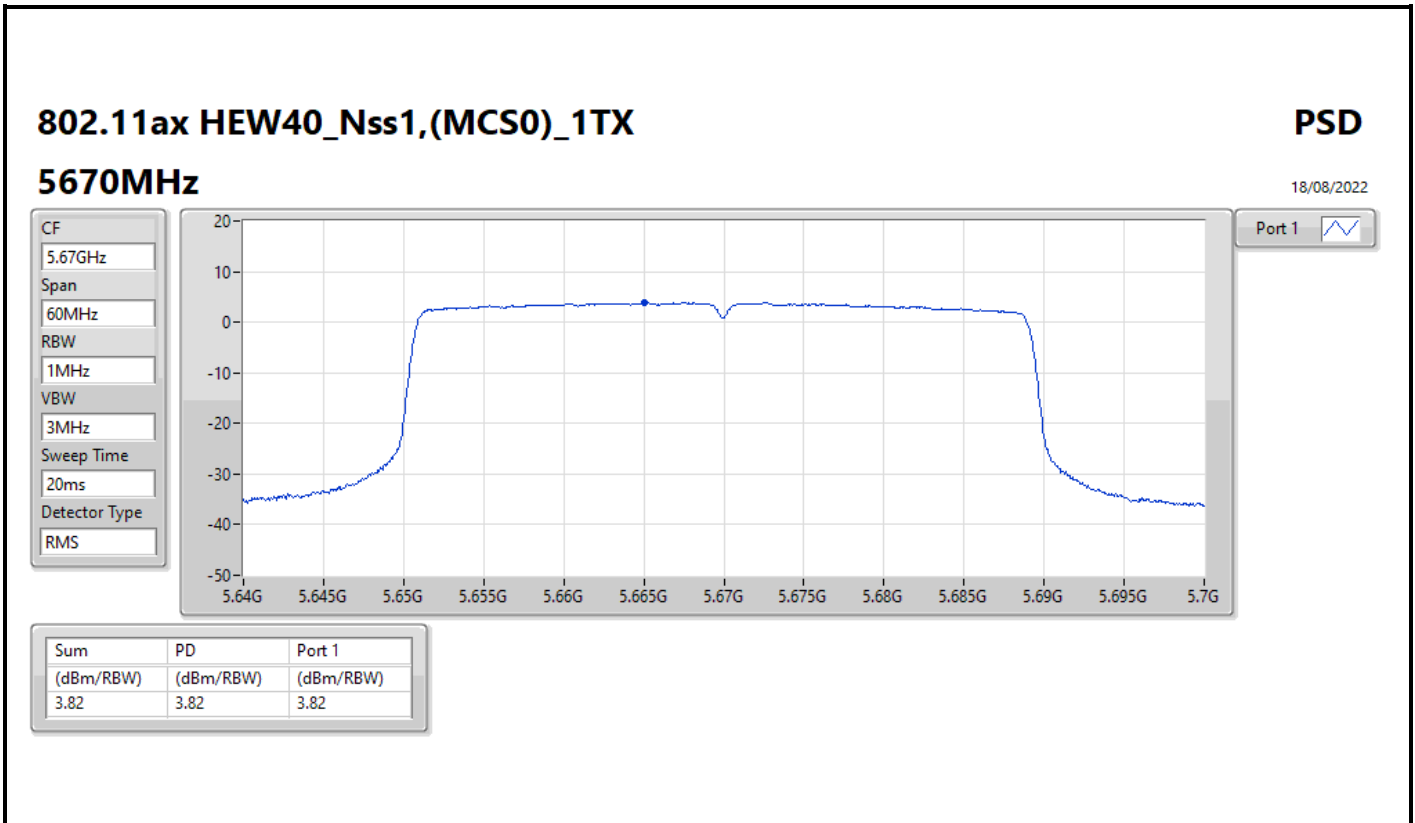
18/08/2022

CF
5.55GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.47	3.47	3.47



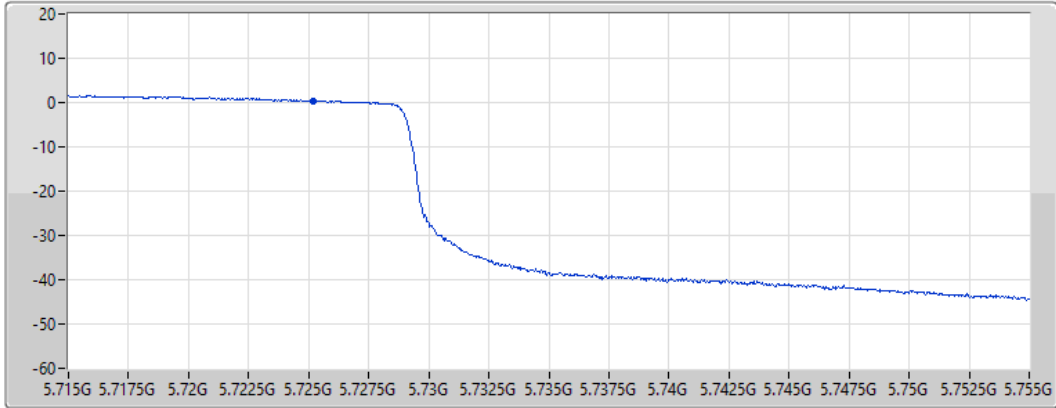
802.11ax HEW40_Nss1,(MCS0)_1TX


PSD

5710MHz Straddle 5.725-5.85GHz

18/08/2022

CF
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.44	0.44	0.44

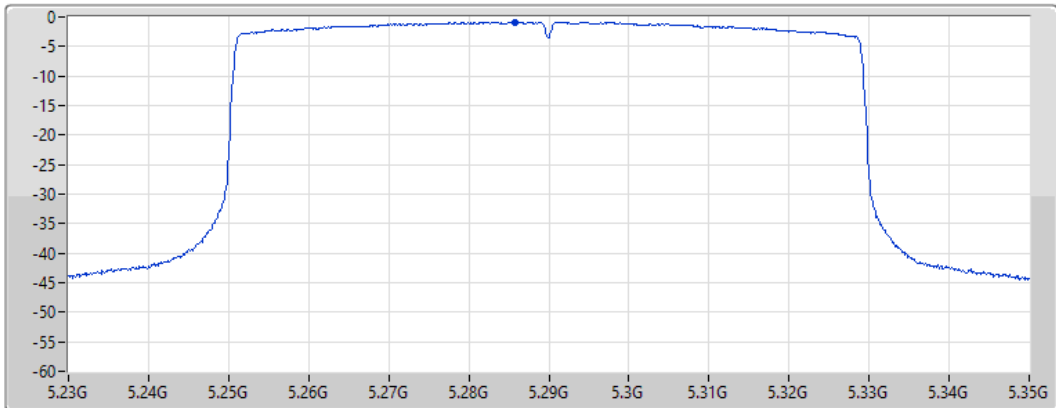
802.11ax HEW80_Nss1,(MCS0)_1TX


PSD

5290MHz

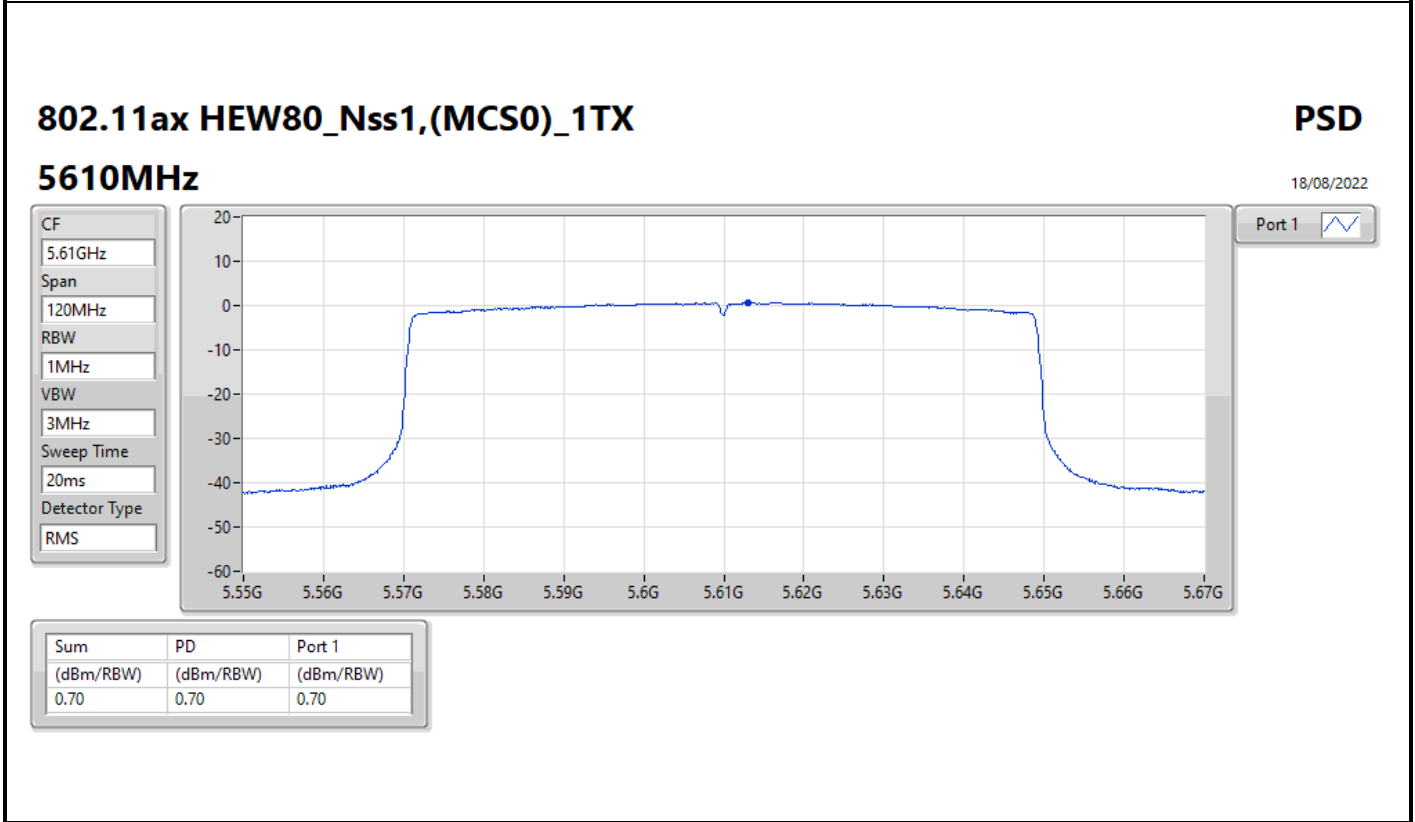
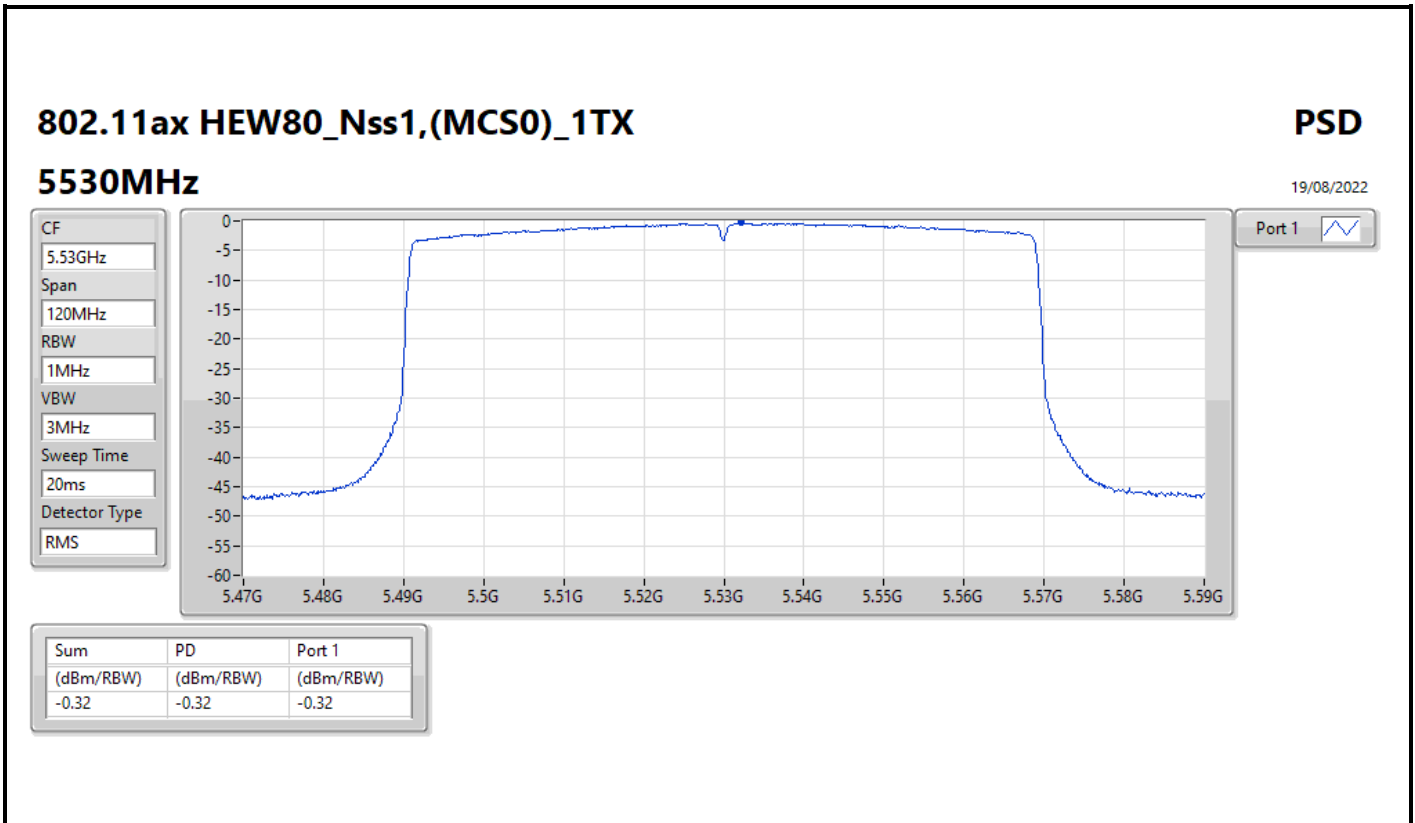
19/08/2022

CF
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.86	-0.86	-0.86



802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

18/08/2022

CF
5.65GHz

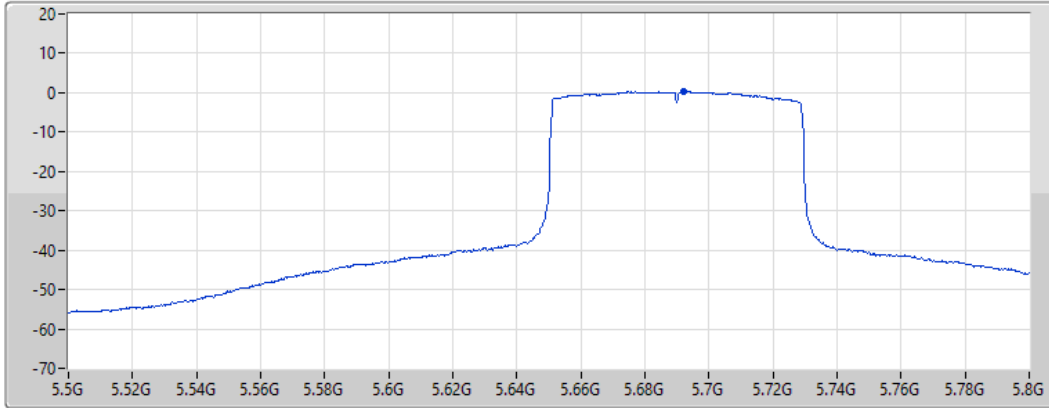
Span
300MHz


RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.34	0.34	0.34

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.725-5.85GHz

18/08/2022

CF
5.735GHz

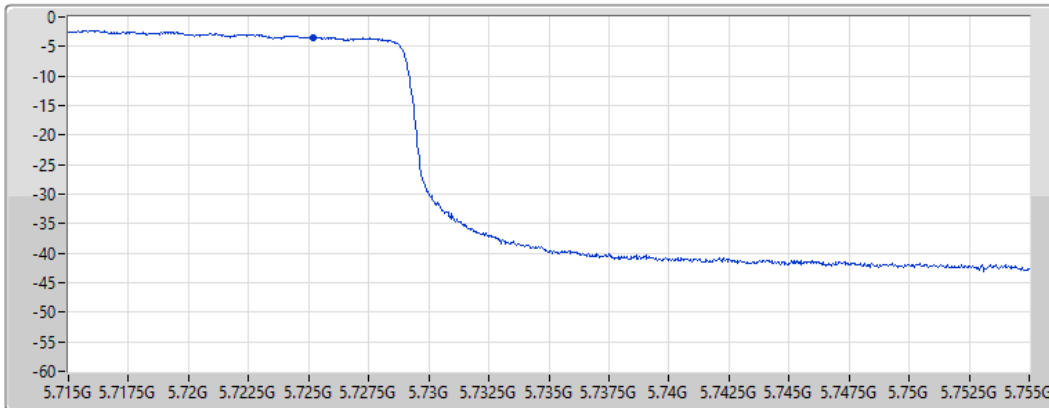
Span
40MHz


RBW
500kHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.41	-3.41	-3.41

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

18/08/2022

CF
5.26GHz

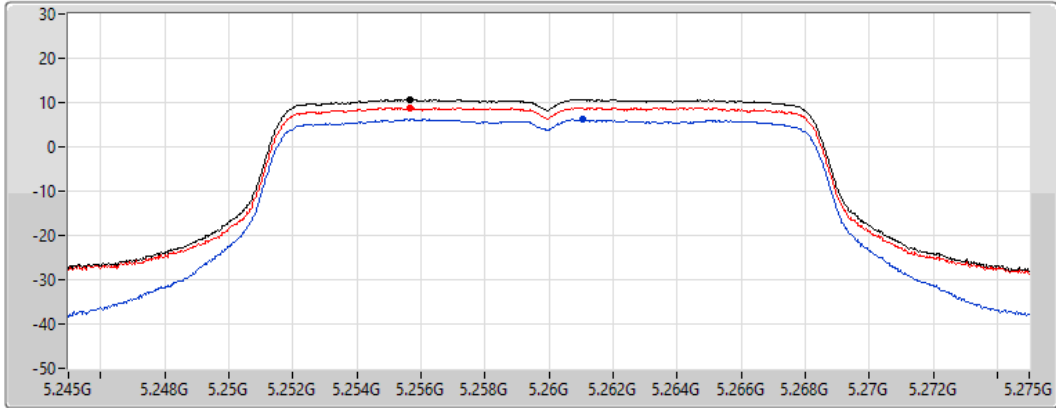
Span
30MHz

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)
10.66	10.66	6.16	8.80

802.11a_Nss1,(6Mbps)_2TX

PSD

5300MHz

18/08/2022

CF
5.3GHz

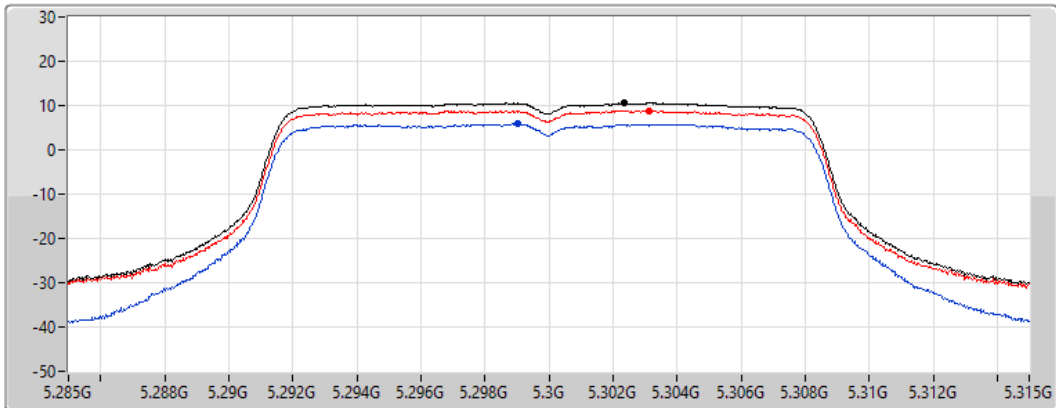
Span
30MHz

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)
10.55	10.55	5.87	8.90

802.11a_Nss1,(6Mbps)_2TX

PSD

5320MHz

19/08/2022

CF
5.32GHz

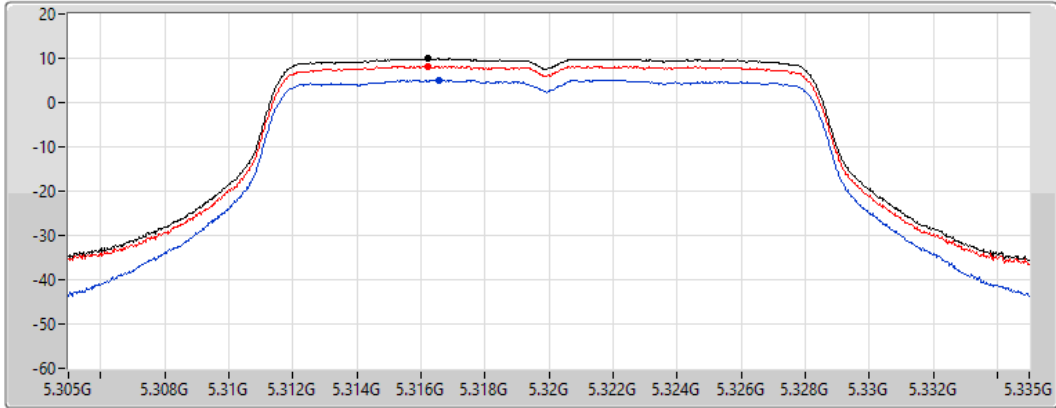
Span
30MHz


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)
9.86	9.86	5.15	8.24

802.11a_Nss1,(6Mbps)_2TX

PSD

5500MHz

18/08/2022

CF
5.5GHz

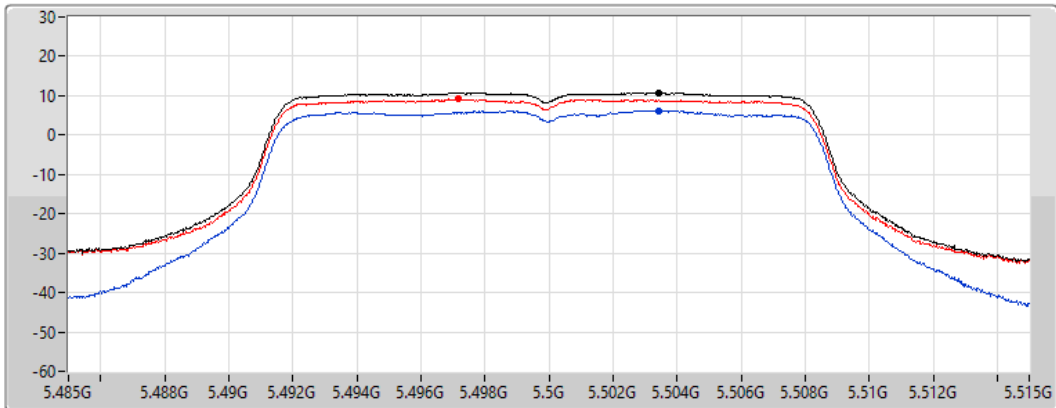
Span
30MHz


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)
10.71	10.71	6.21	9.11

802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

18/08/2022

CF
5.58GHz

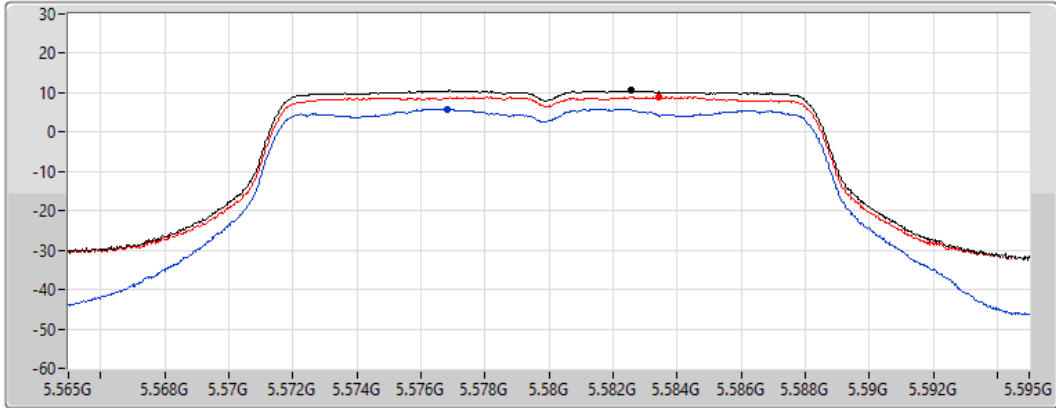
Span
30MHz

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)
10.54	10.54	5.88	8.89

802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

19/08/2022

CF
5.7GHz

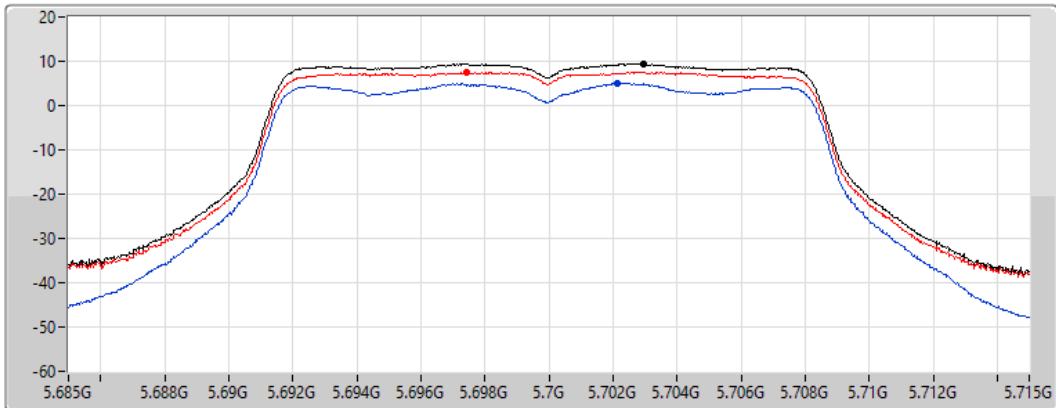
Span
30MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Sum

Port 1

Port 2

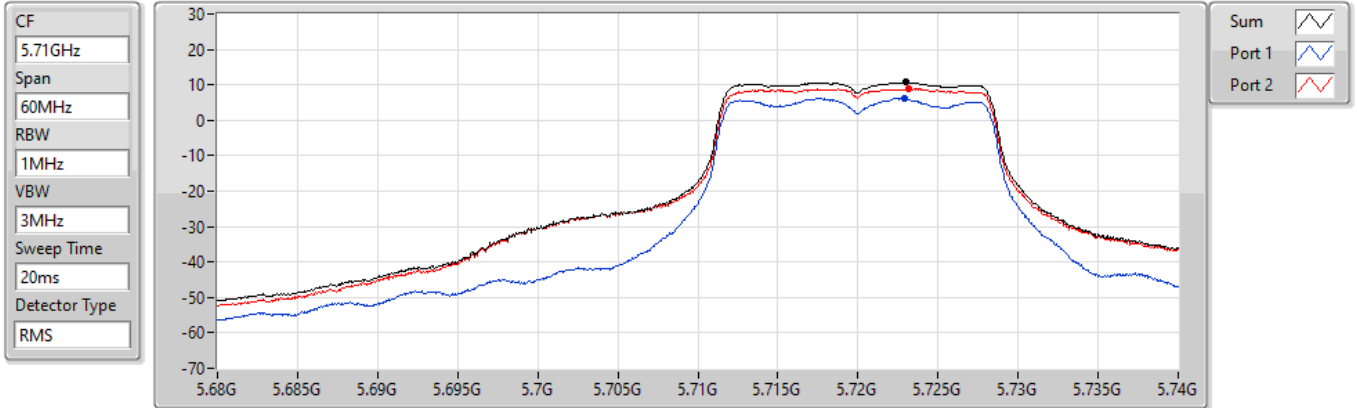
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.40	9.40	5.09	7.60

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

18/08/2022



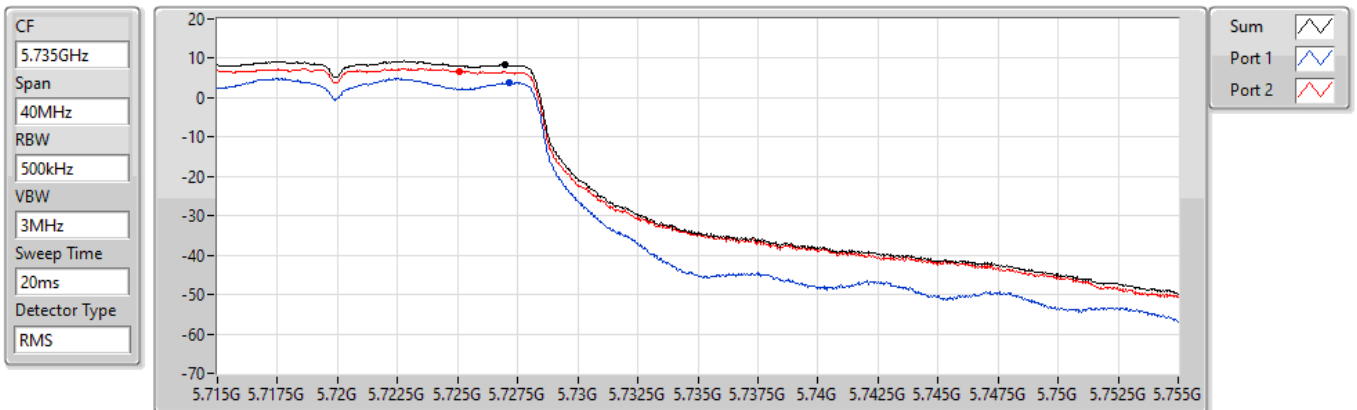
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.68	10.68	6.21	8.85

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

19/08/2022



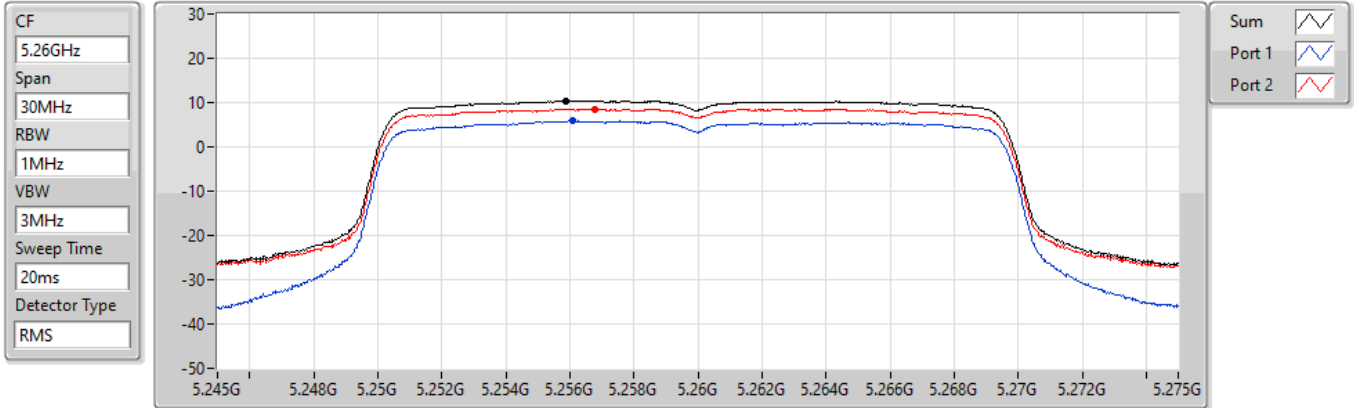
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.34	8.34	3.81	6.80

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5260MHz

19/08/2022



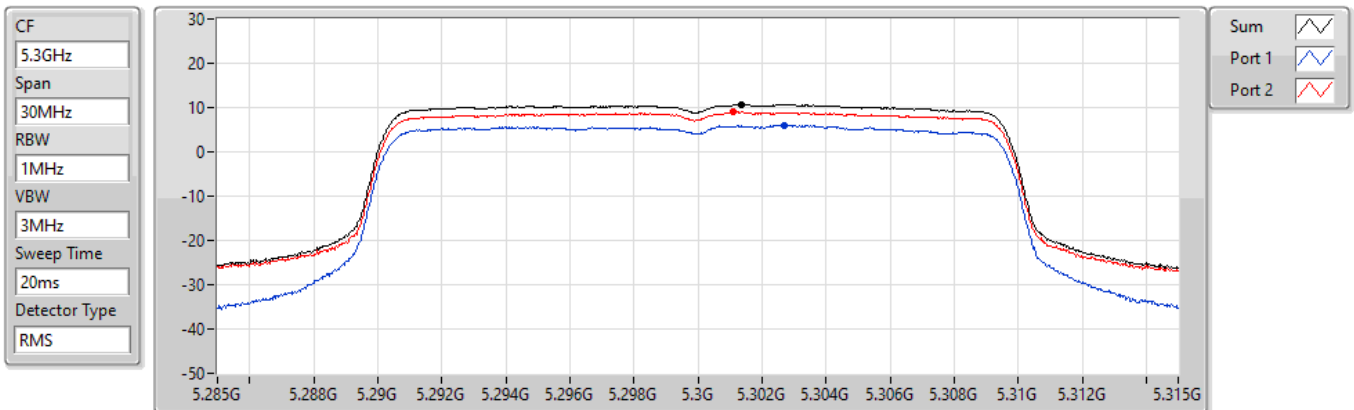
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.34	10.34	5.88	8.55

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5300MHz

18/08/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.66	10.66	5.98	8.95

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5320MHz

19/08/2022

CF
5.32GHz

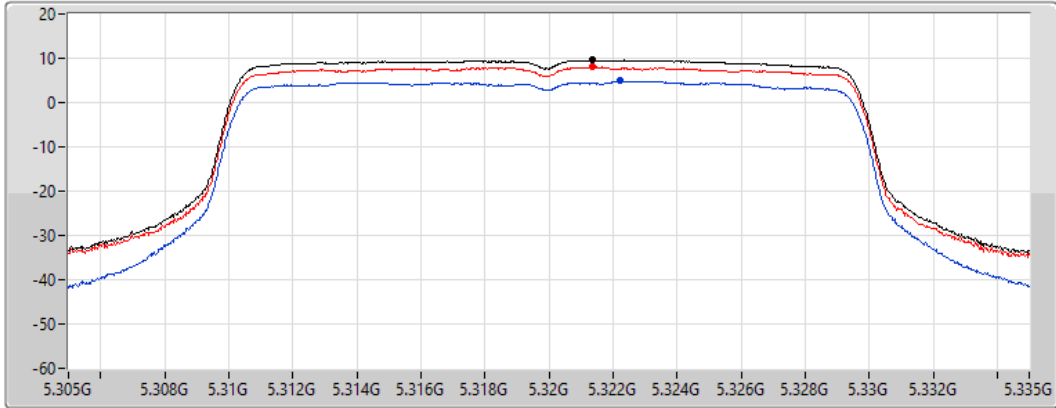
Span
30MHz

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)
9.56	9.56	4.85	8.03

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5500MHz

19/08/2022

CF
5.5GHz

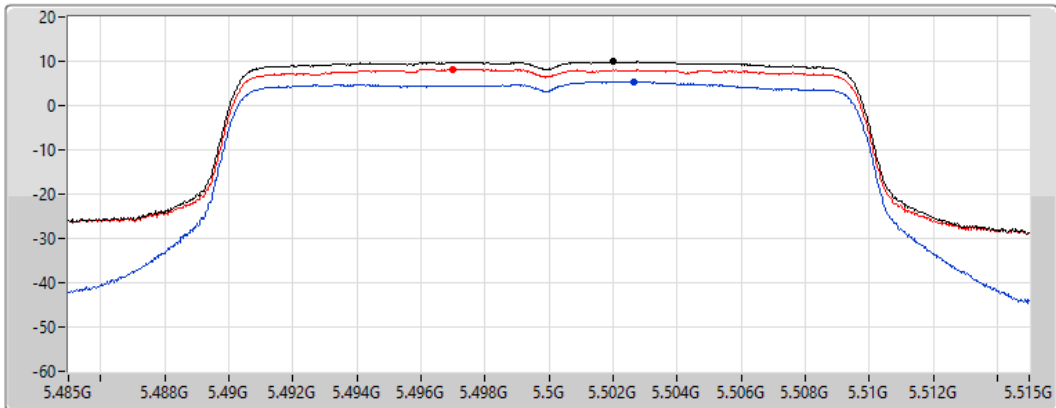
Span
30MHz

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)
9.96	9.96	5.43	8.28

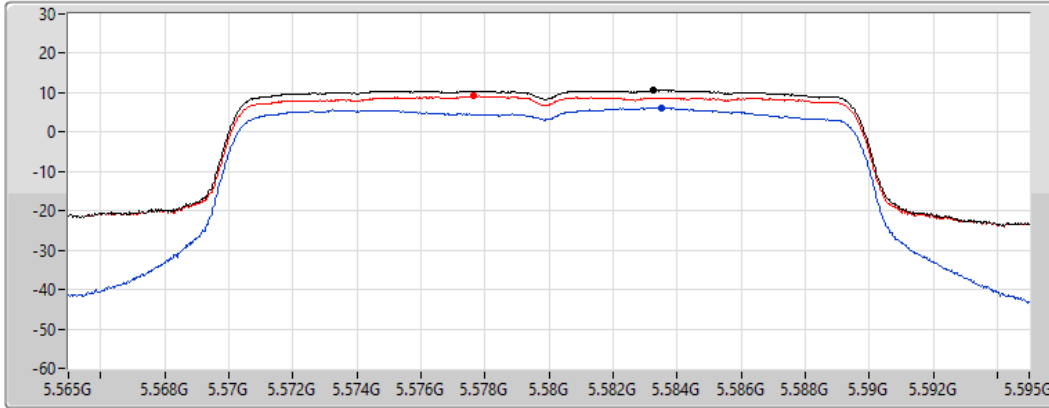
802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5580MHz

18/08/2022

CF
5.58GHz
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)
10.57	10.57	6.12	9.12

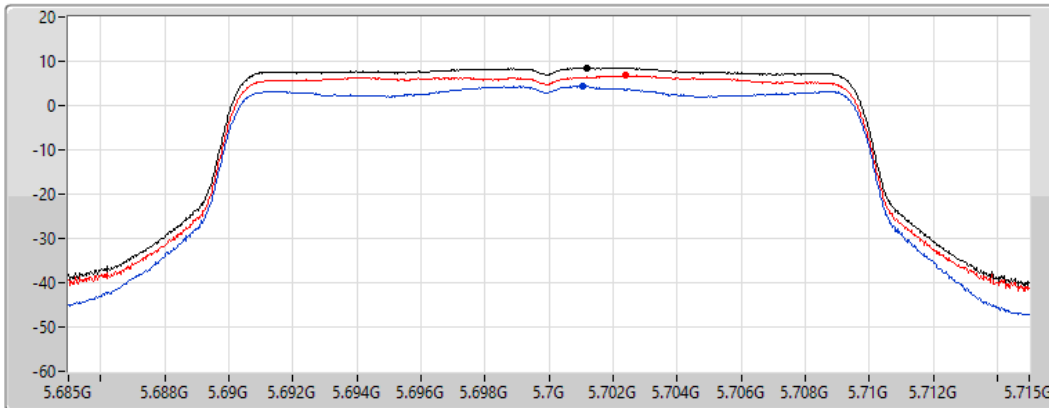
802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5700MHz

23/08/2022

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Sum
Port 1
Port 2

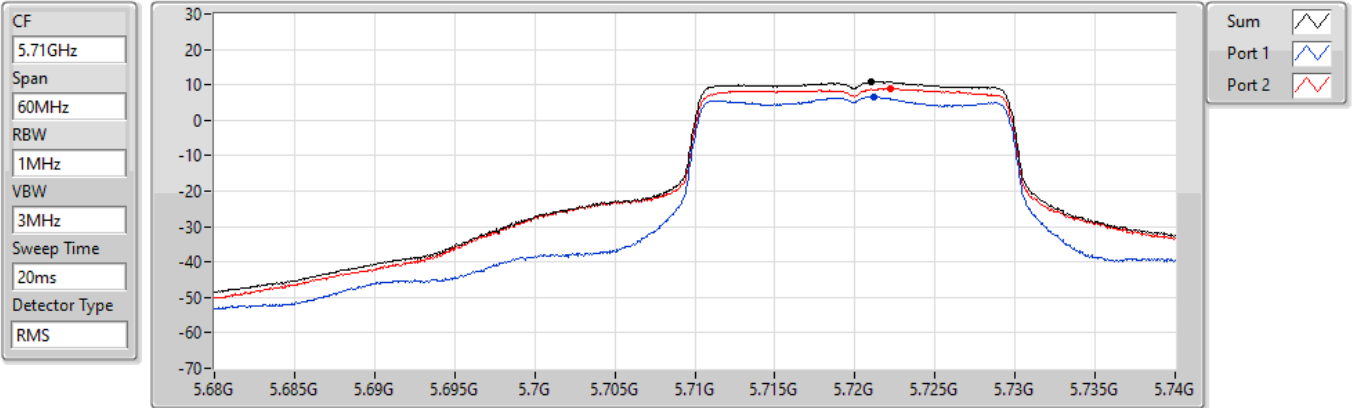
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.52	8.52	4.40	6.74

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

18/08/2022



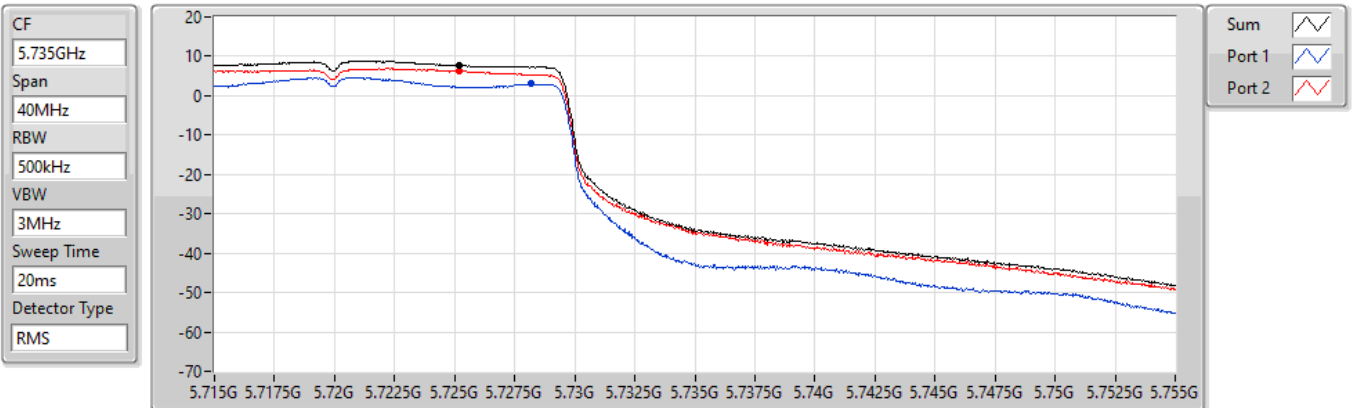
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.78	10.78	6.52	8.95

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

19/08/2022



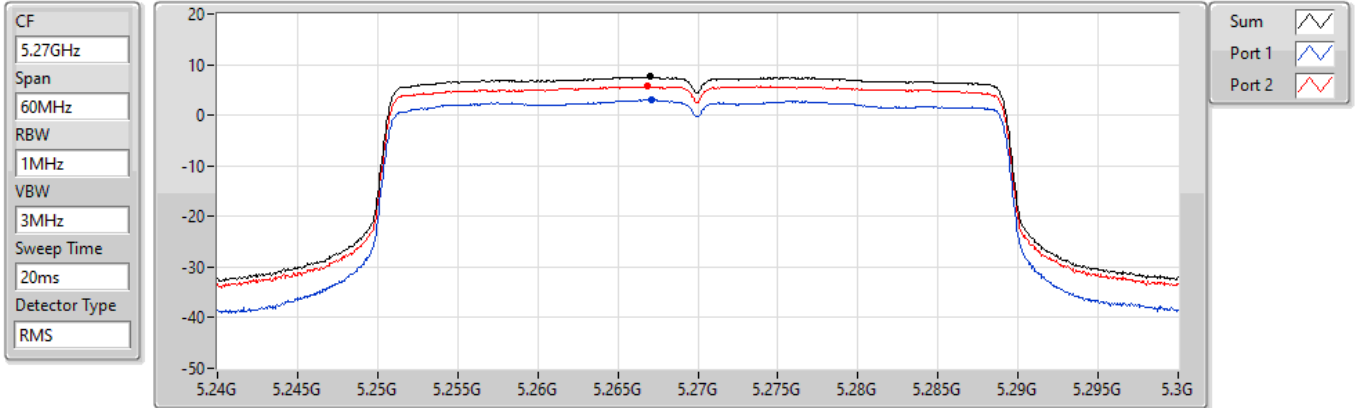
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.69	7.69	2.97	6.32

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5270MHz

19/08/2022

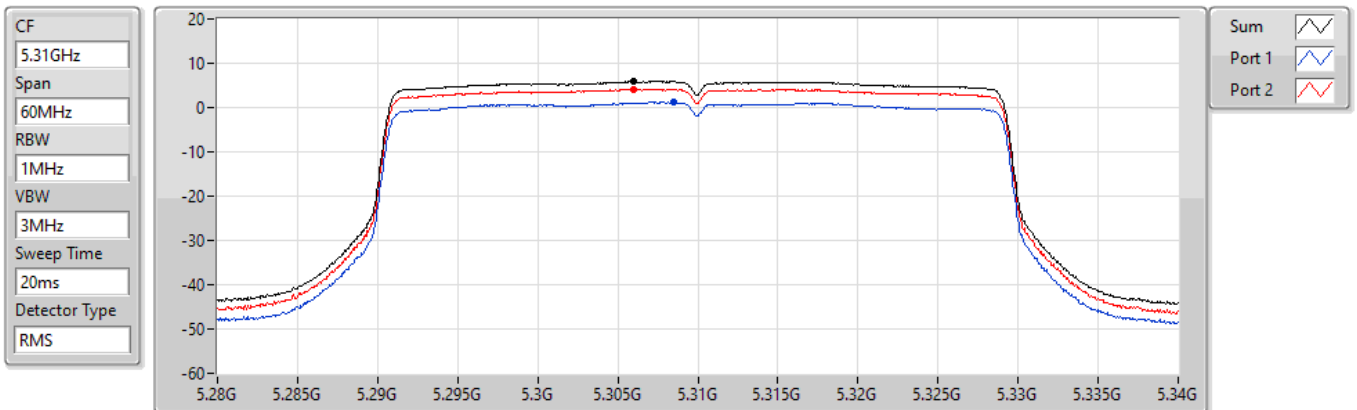


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5310MHz

19/08/2022

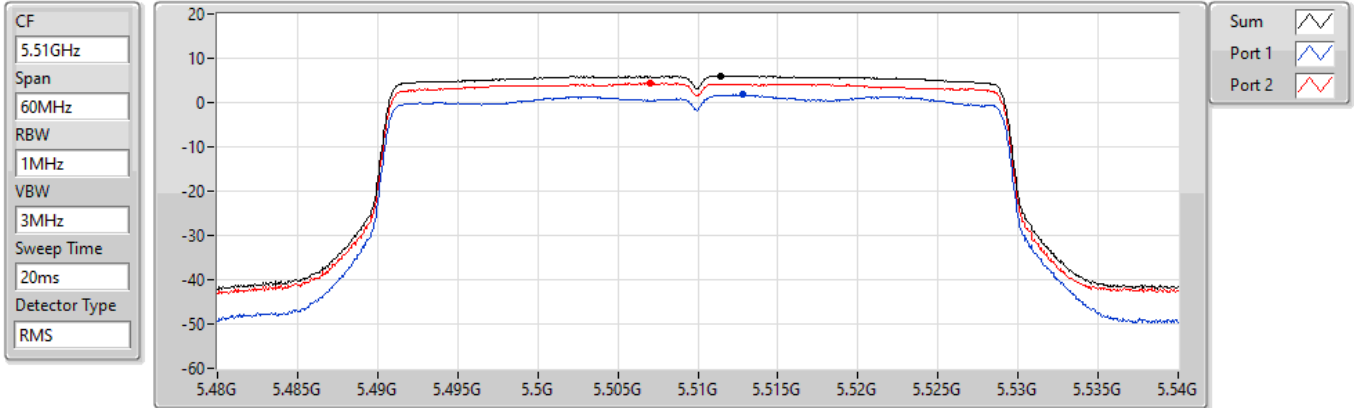


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5510MHz

23/08/2022

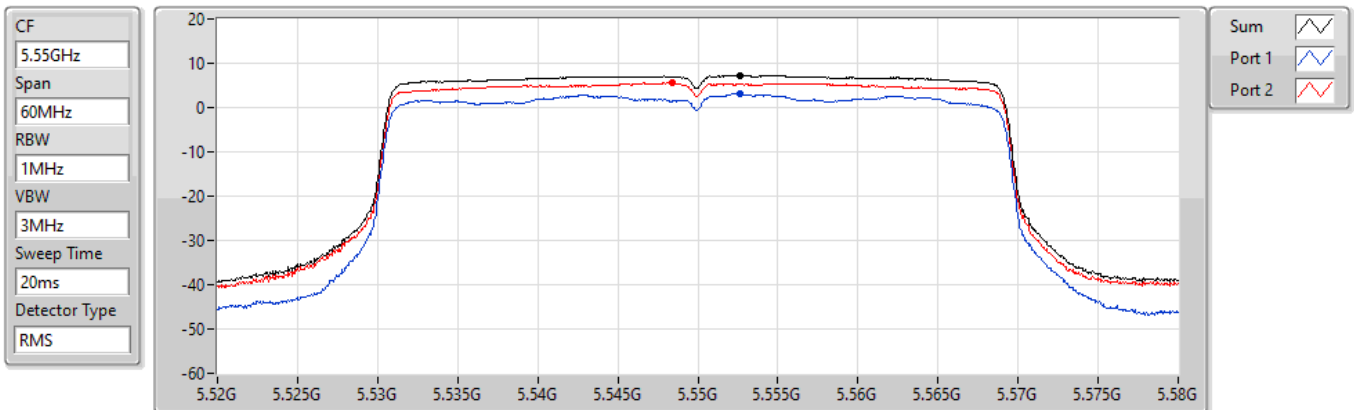


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5550MHz

19/08/2022

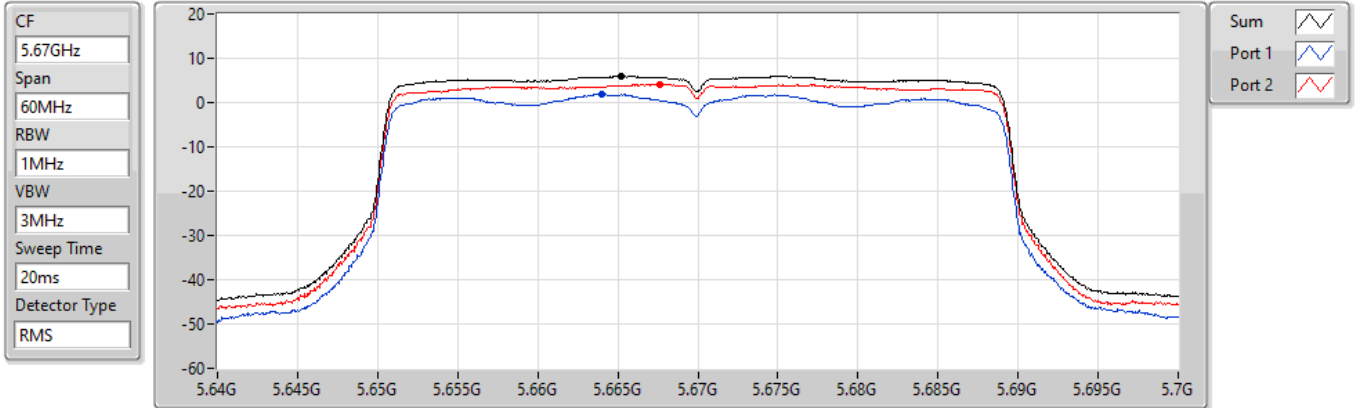


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5670MHz

19/08/2022



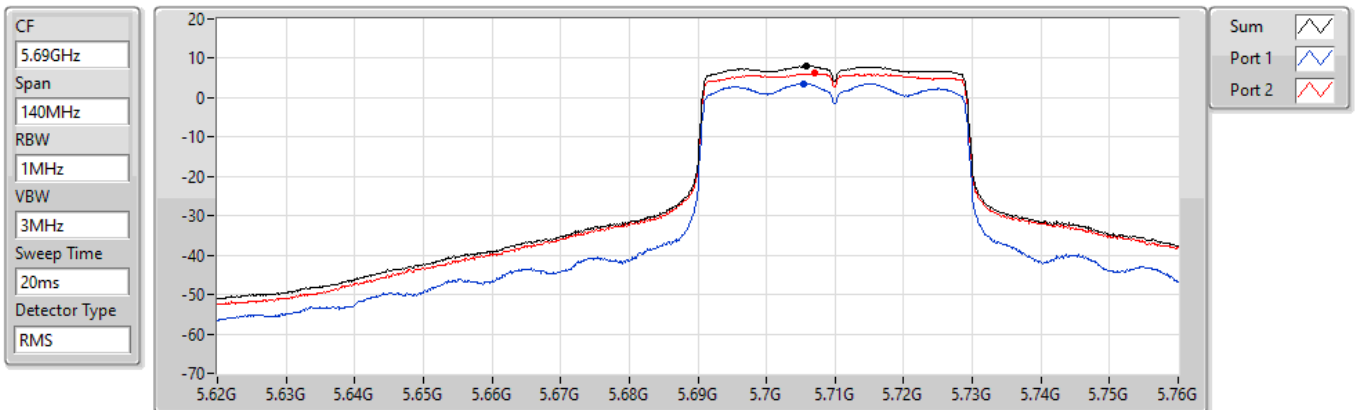
Sum	PD	Port 1	Port 2
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
5.94	5.94	1.85	4.20

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

19/08/2022



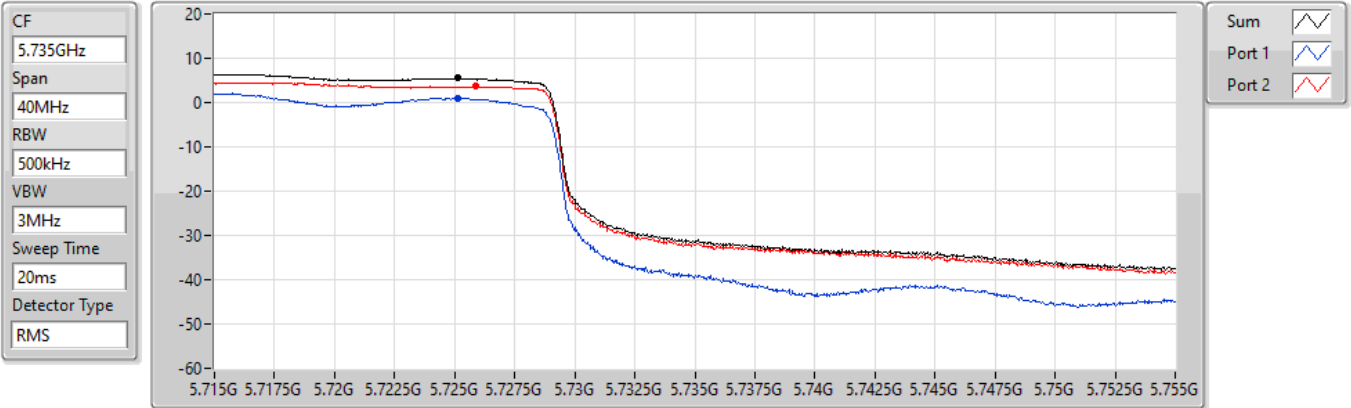
Sum	PD	Port 1	Port 2
(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)	(dBm/1MHz)
7.98	7.98	3.59	6.18

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

19/08/2022



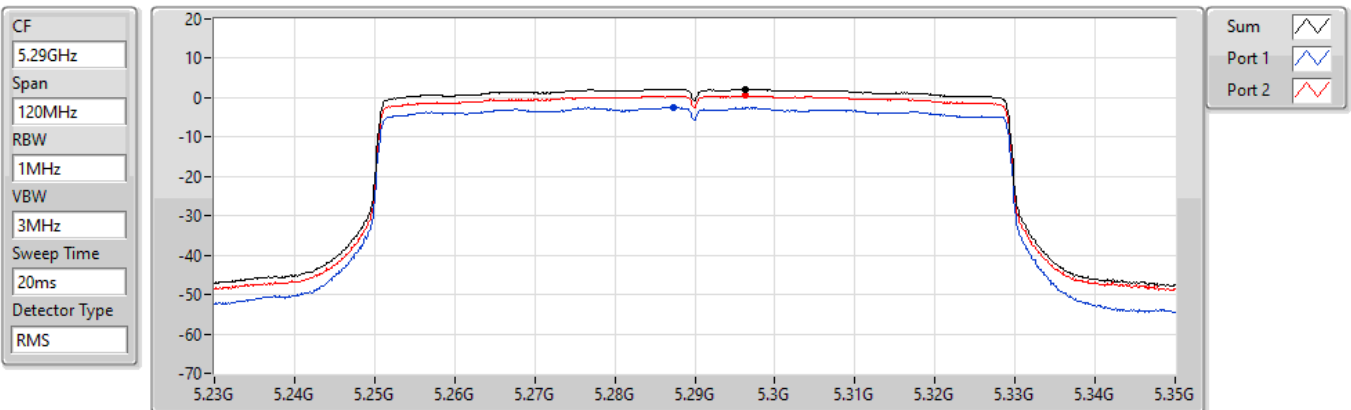
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.51	5.51	1.07	3.62

802.11ax HEW80_Nss1,(MCS0)_2TX

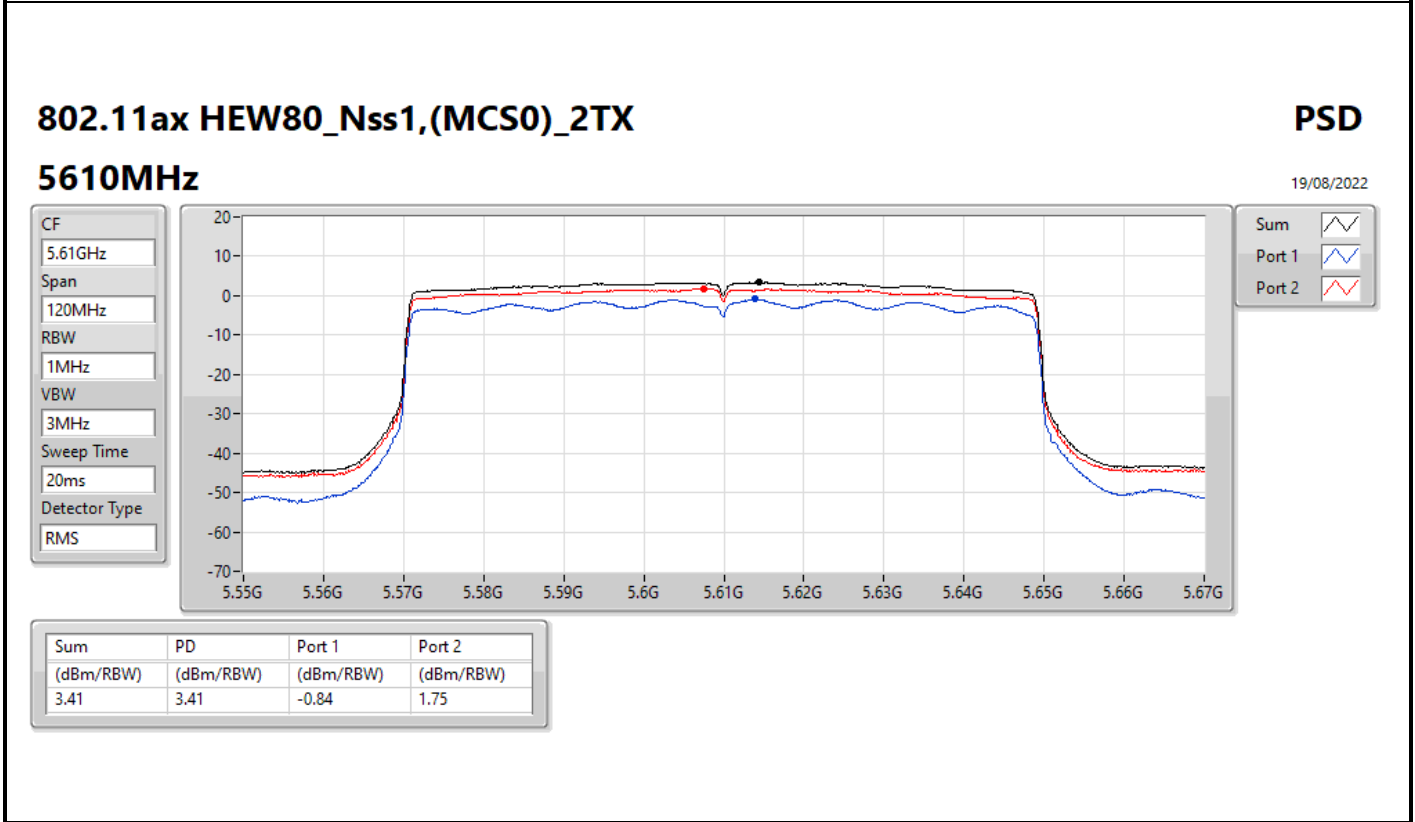
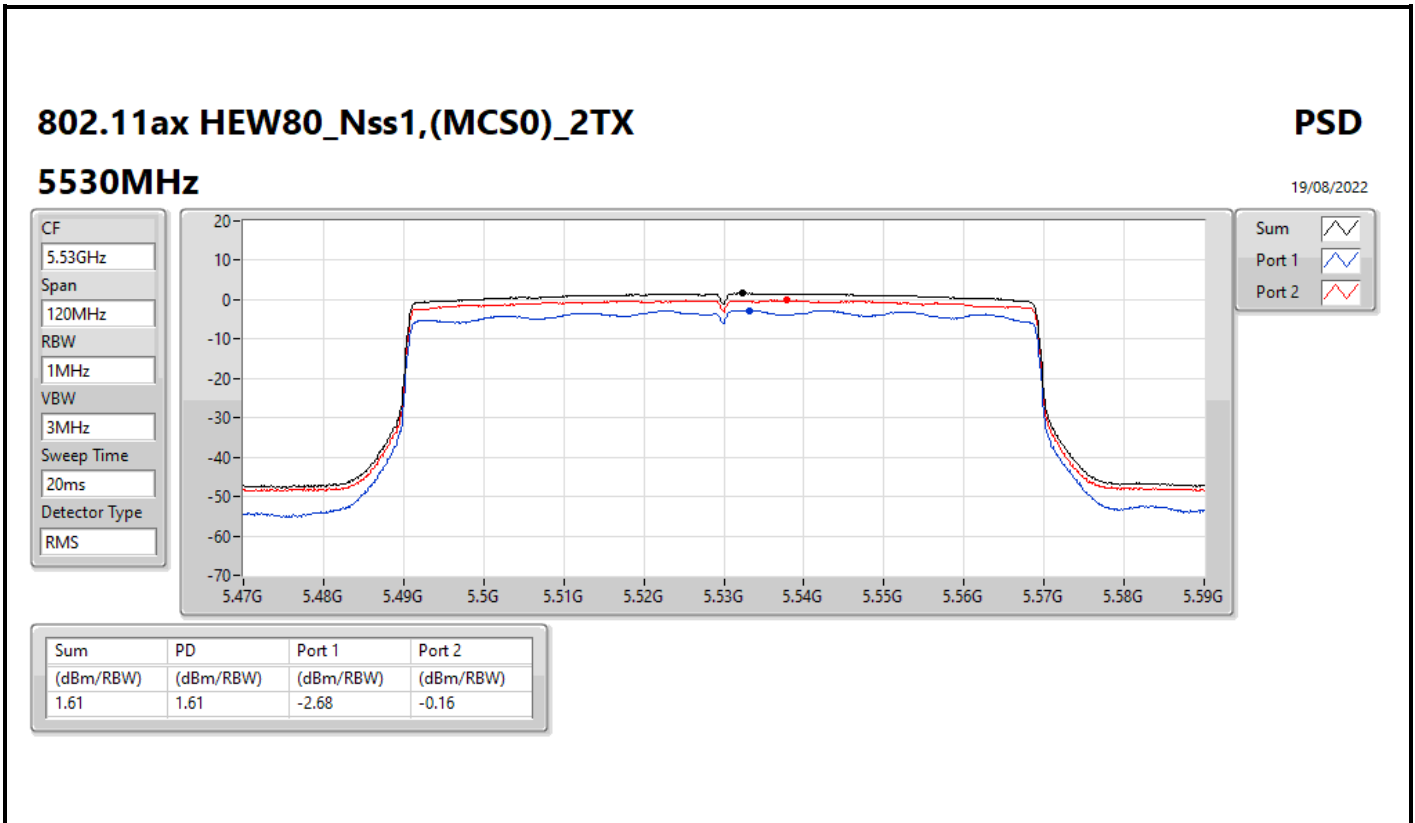
PSD

5290MHz

19/08/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.21	2.21	-2.36	0.51

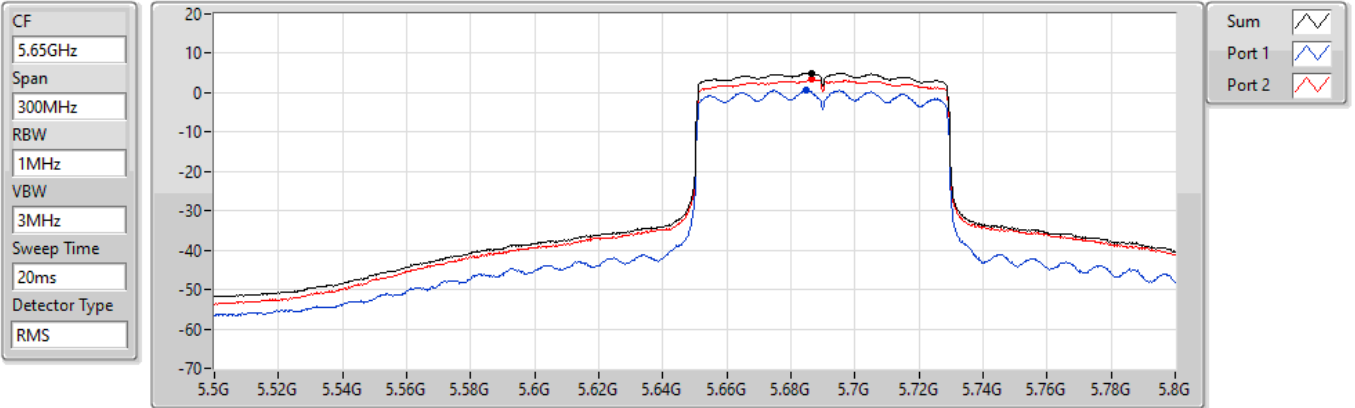


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

19/08/2022



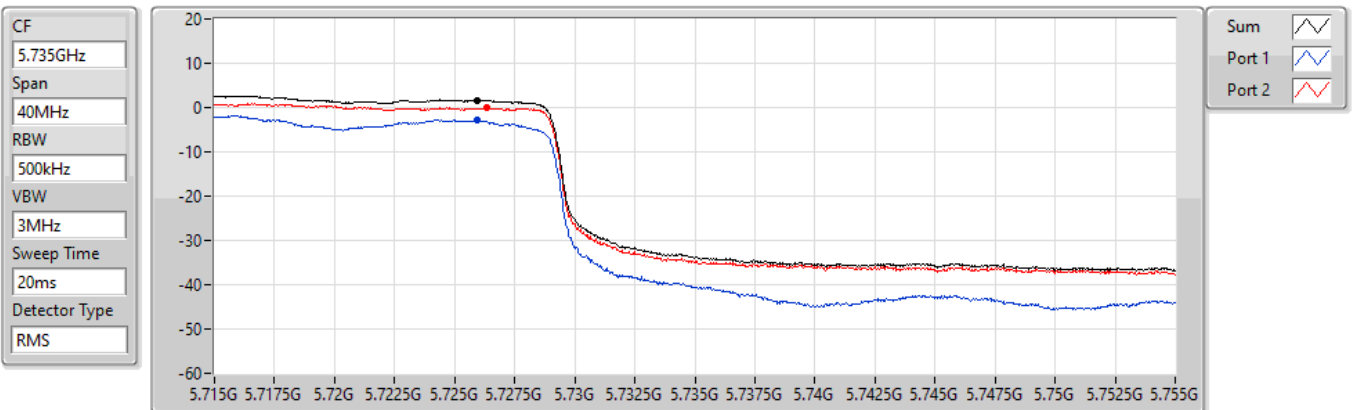
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.04	5.04	0.62	3.32

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

19/08/2022



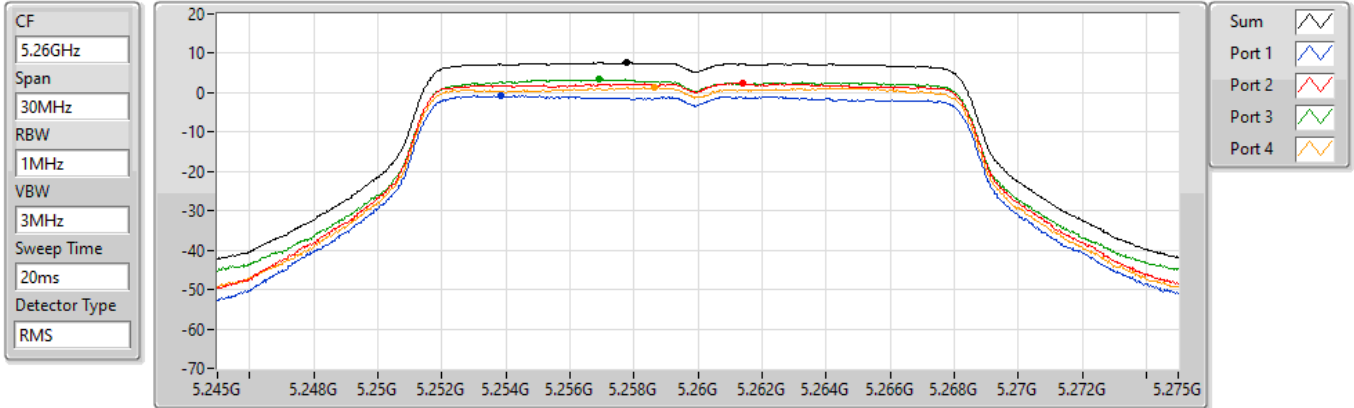
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.70	1.70	-2.87	-0.14

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

18/08/2022



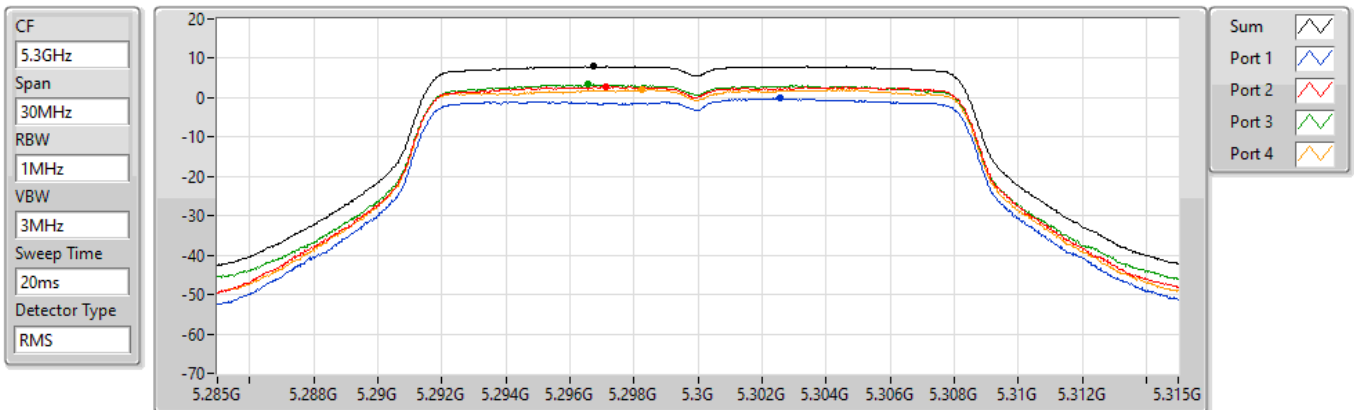
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.62	7.62	-0.80	2.40	3.45	1.41

802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

18/08/2022



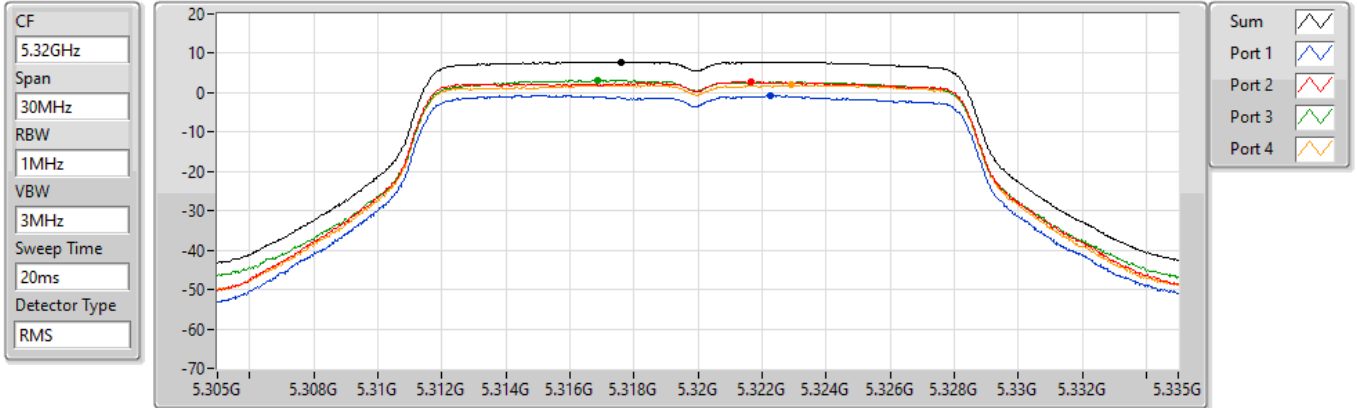
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.96	7.96	-0.14	2.81	3.35	2.06

802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

18/08/2022



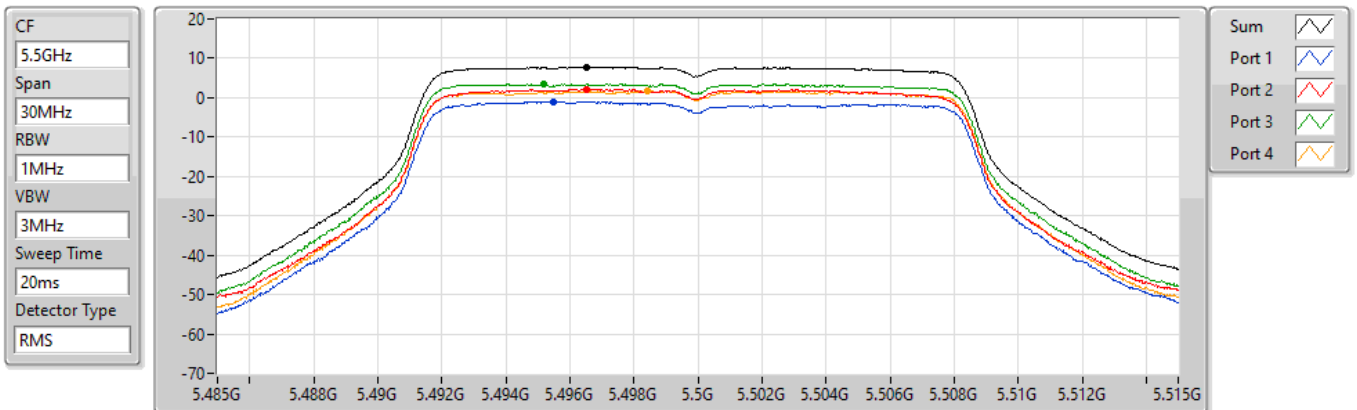
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.77	7.77	-0.74	2.74	3.18	1.99

802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

18/08/2022



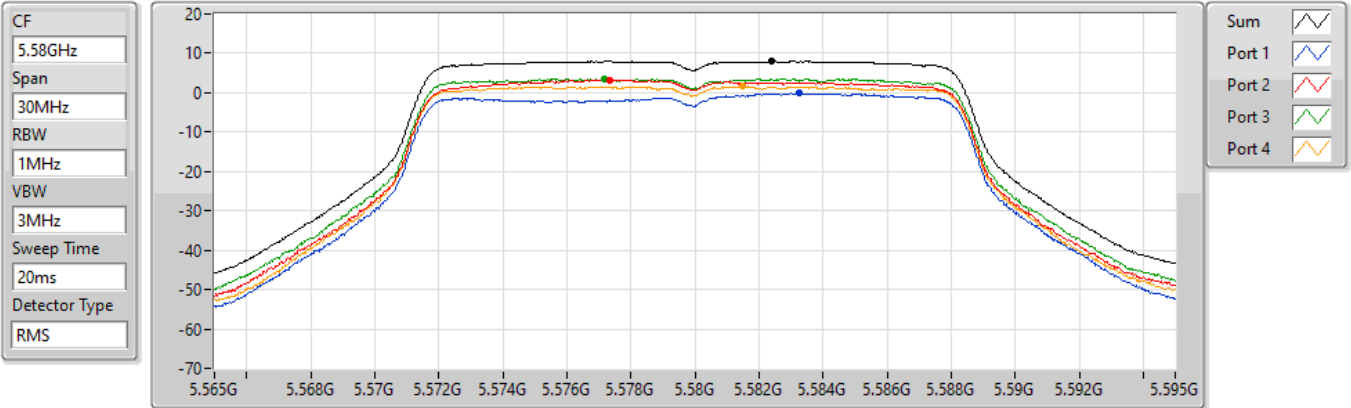
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.76	7.76	-0.93	2.07	3.49	1.68

802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

18/08/2022



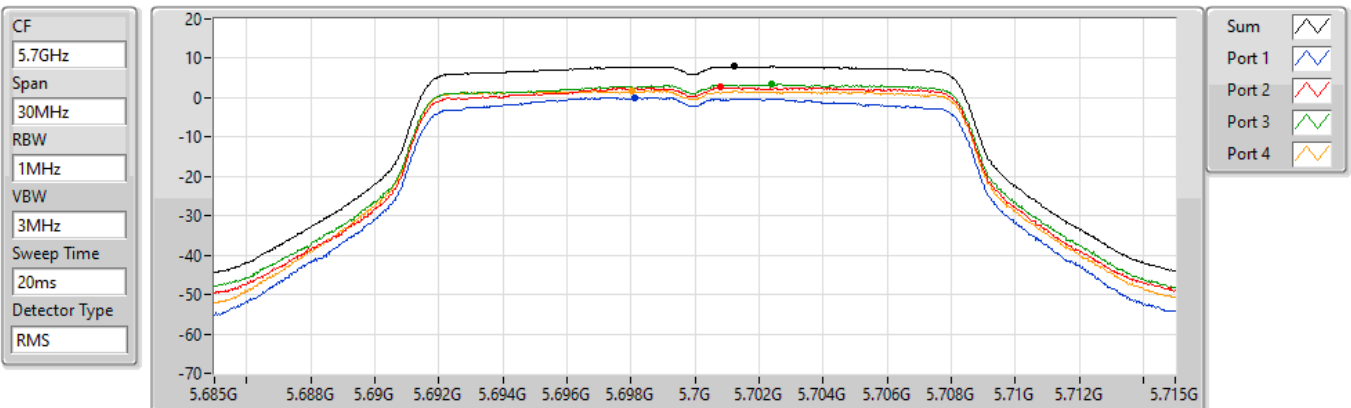
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.97	7.97	-0.12	3.29	3.50	1.60

802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

18/08/2022



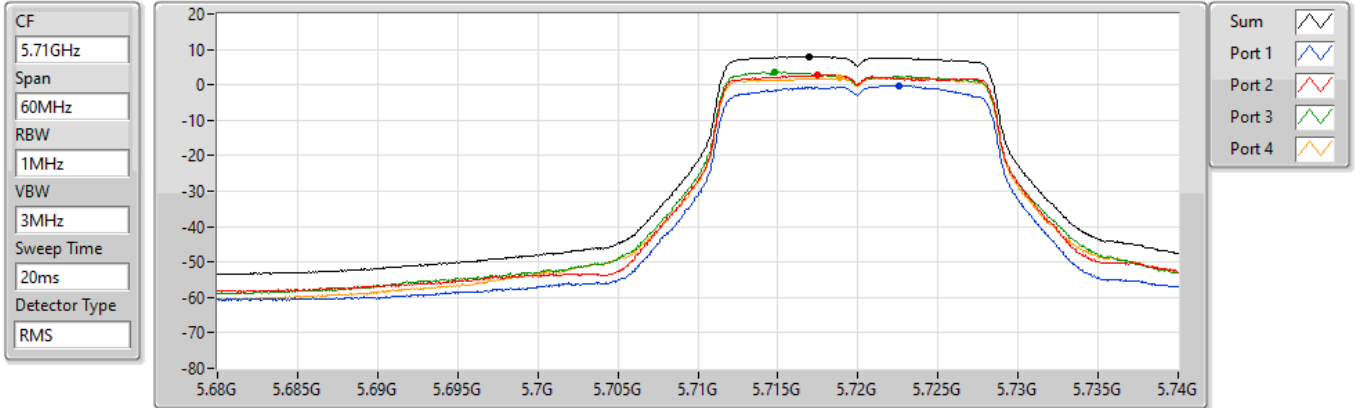
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	0.03	2.60	3.43	1.70

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.47-5.725GHz

18/08/2022

PSD



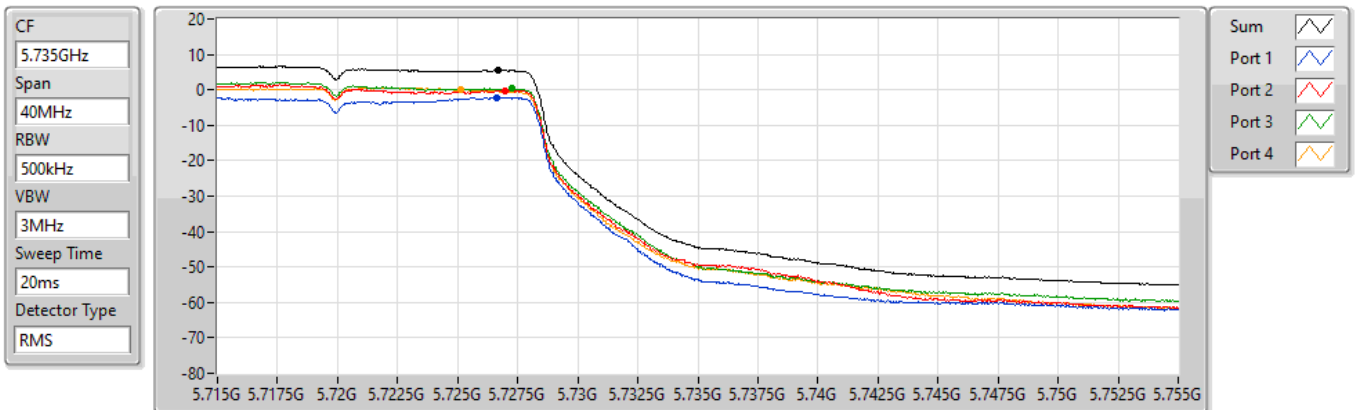
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.93	7.93	-0.13	2.80	3.60	2.02

802.11a_Nss1,(6Mbps)_4TX

5720MHz Straddle 5.725-5.85GHz

19/08/2022

PSD



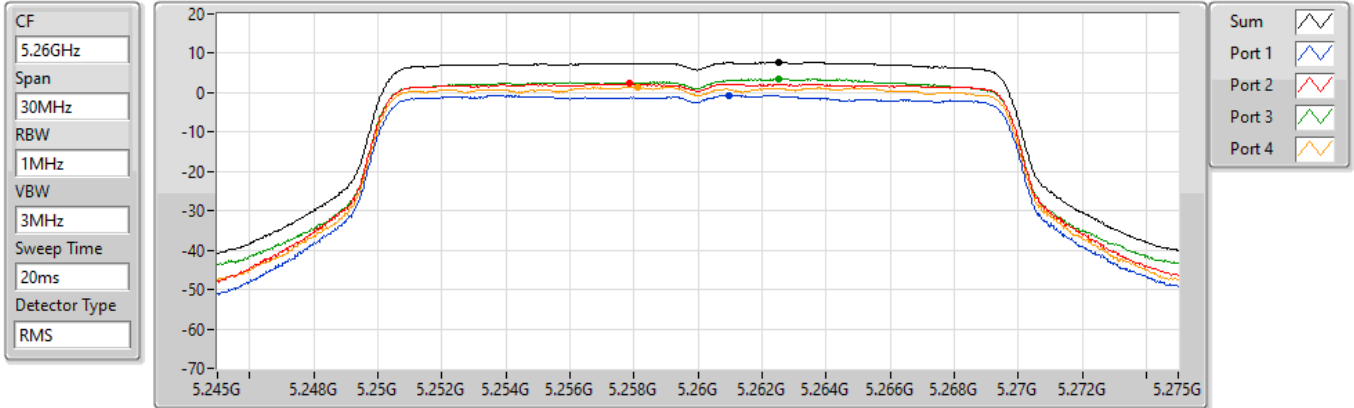
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.42	5.42	-2.12	-0.21	0.44	0.08

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

18/08/2022



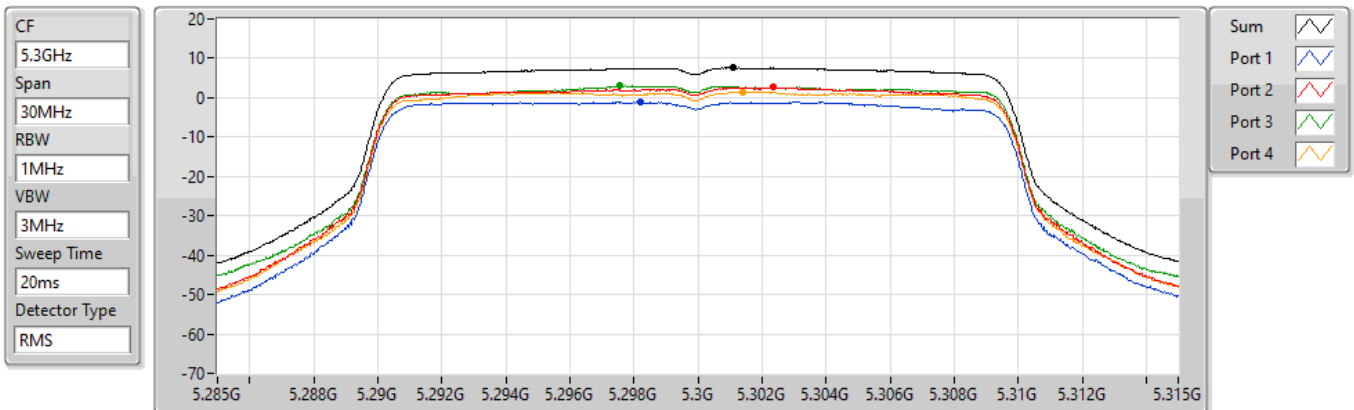
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.74	7.74	-0.58	2.26	3.47	1.50

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

18/08/2022



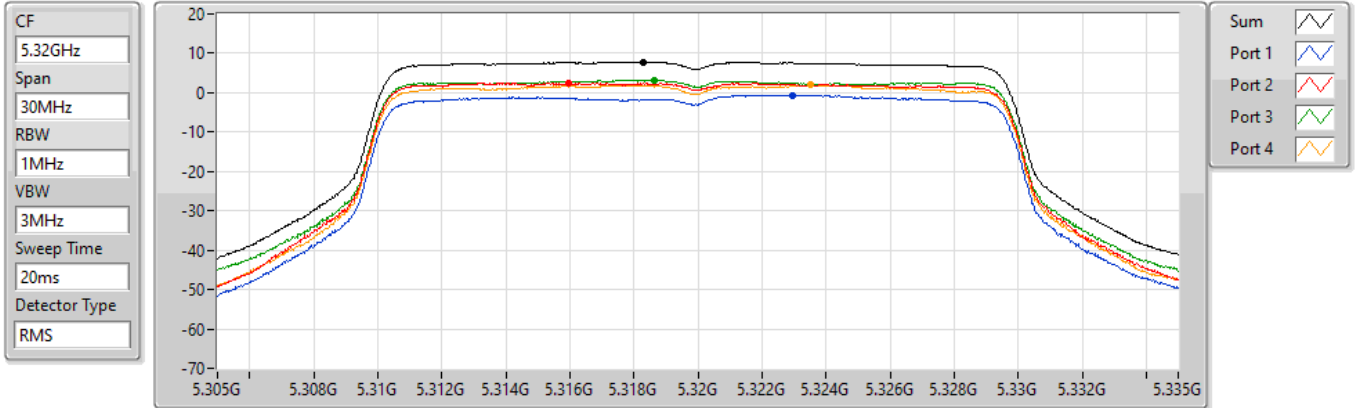
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.63	7.63	-1.13	2.61	2.99	1.48

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

18/08/2022



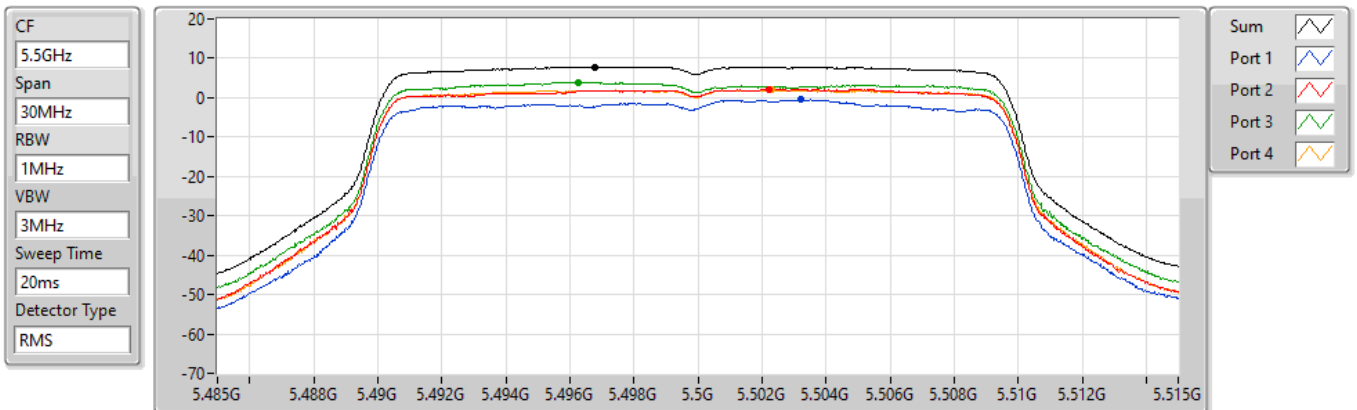
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.71	7.71	-0.59	2.41	3.22	1.92

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

18/08/2022



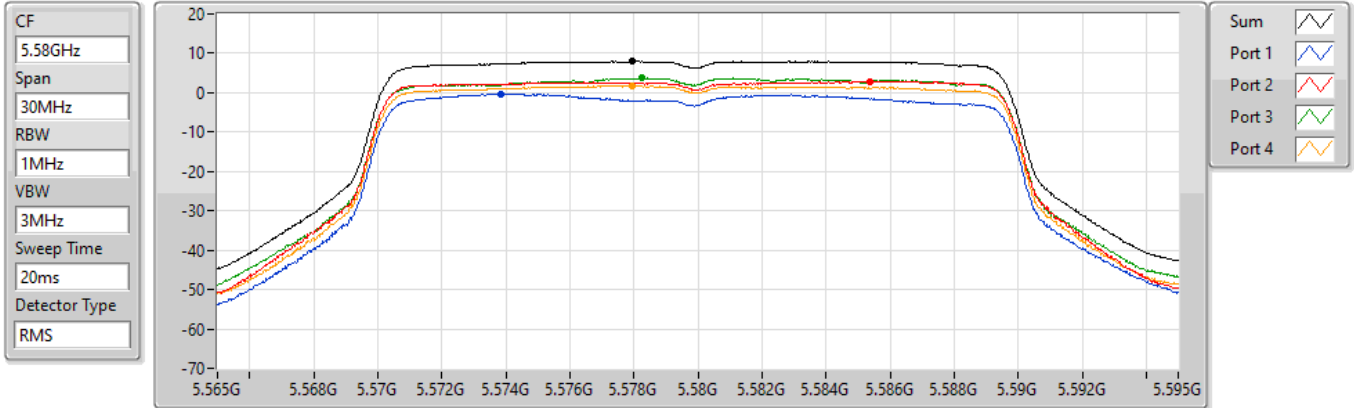
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.84	7.84	-0.52	2.22	3.96	1.92

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

18/08/2022



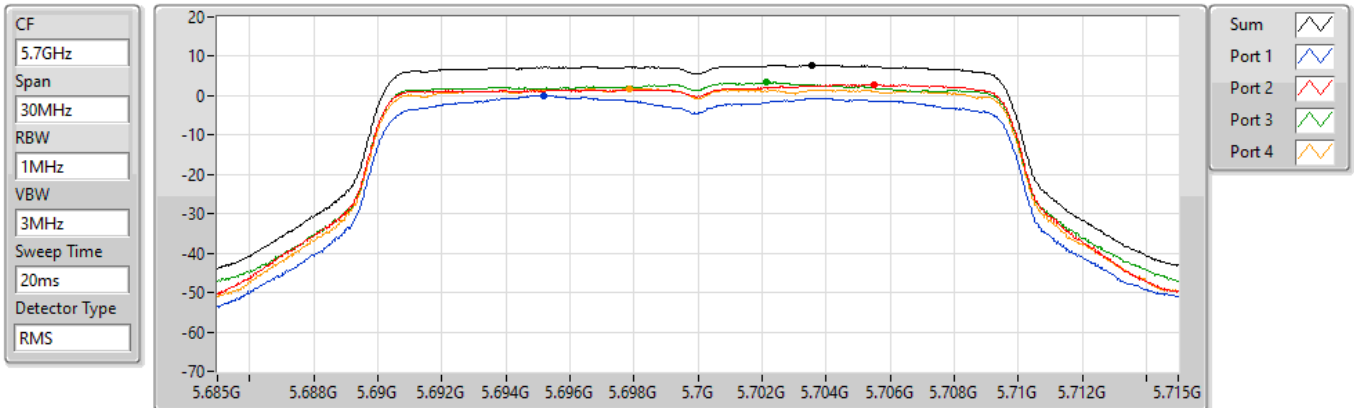
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.94	7.94	-0.29	2.91	3.68	1.76

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

18/08/2022



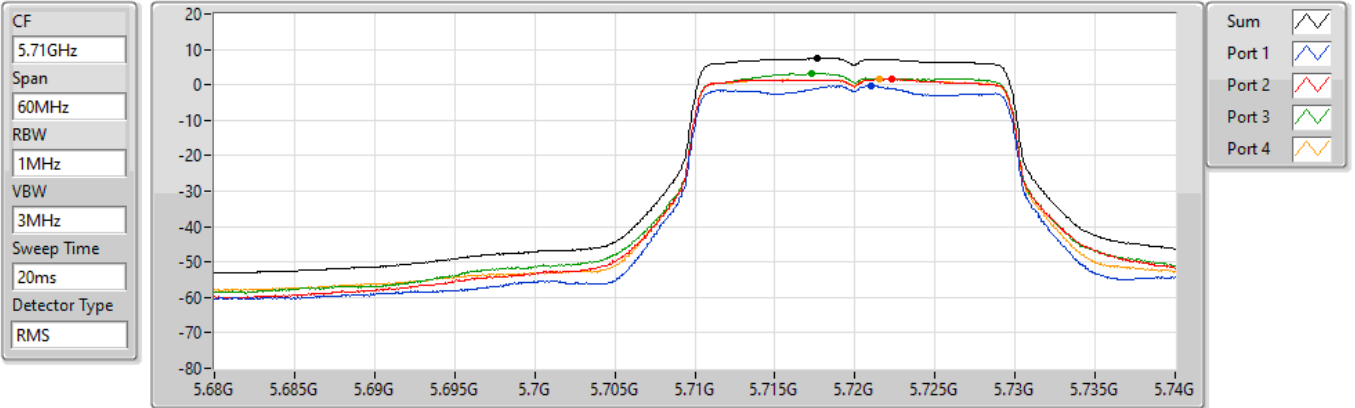
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.67	7.67	-0.01	2.88	3.43	1.81

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

18/08/2022



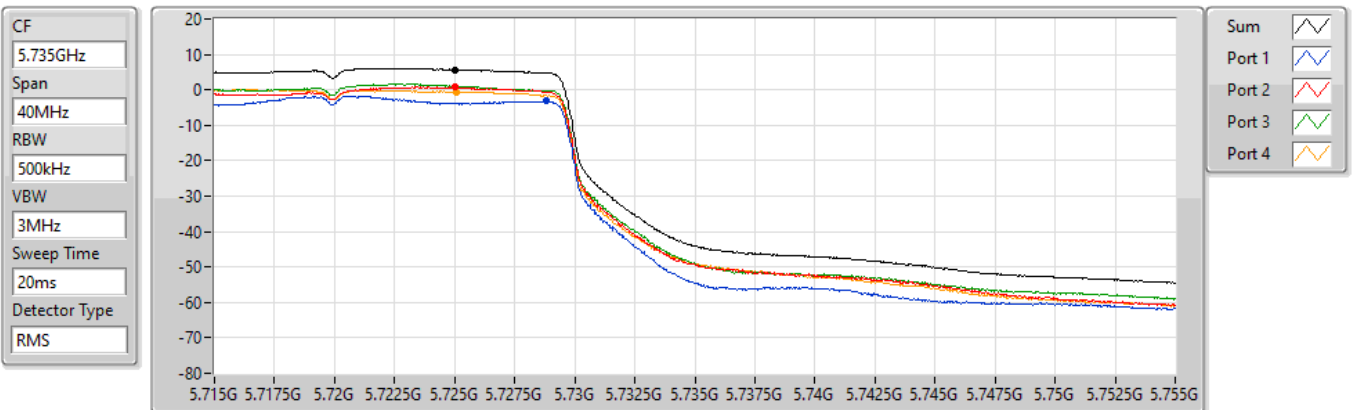
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.53	7.53	-0.32	1.58	3.34	1.61

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

19/08/2022



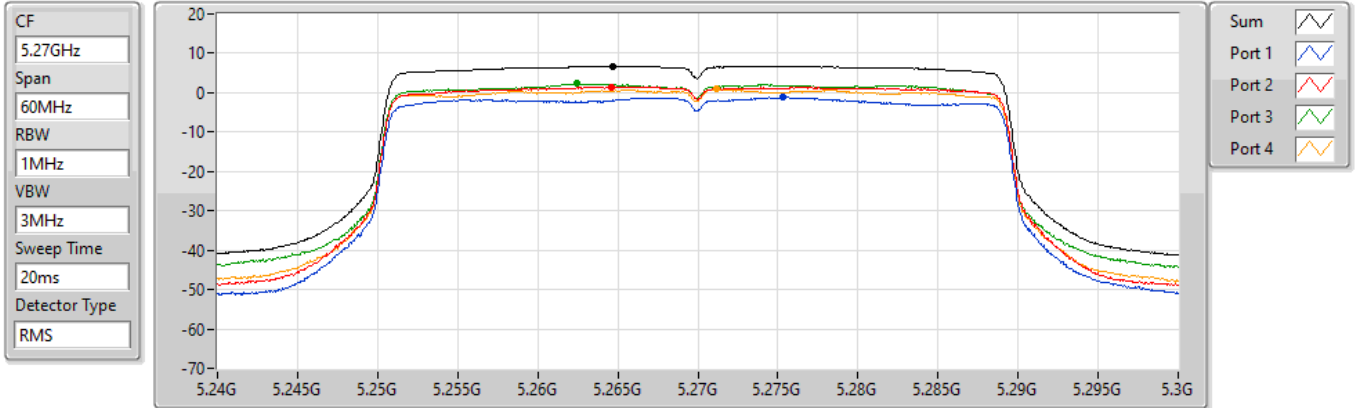
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.68	5.68	-3.19	0.67	0.91	-0.53

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

19/08/2022



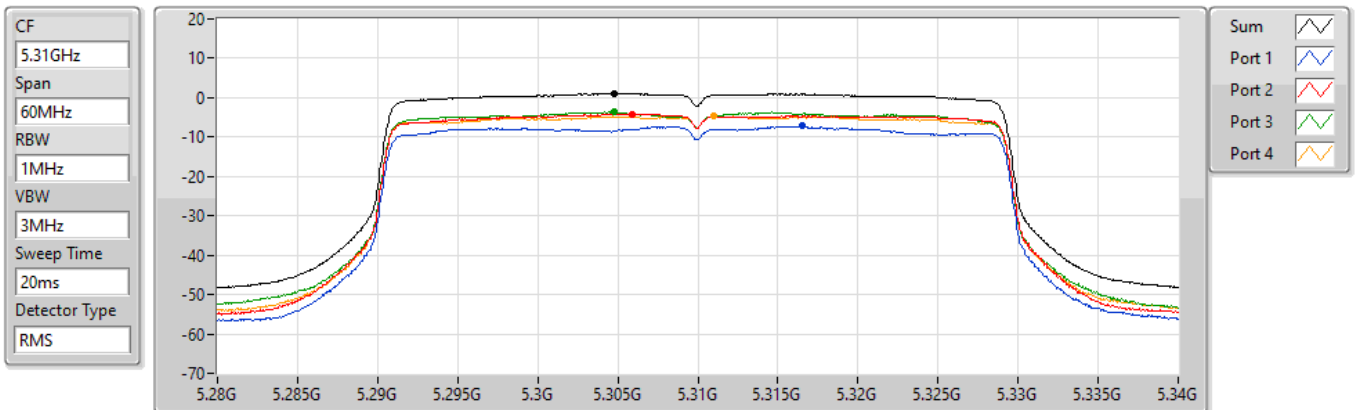
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.79	6.79	-1.16	1.54	2.26	0.88

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

19/08/2022



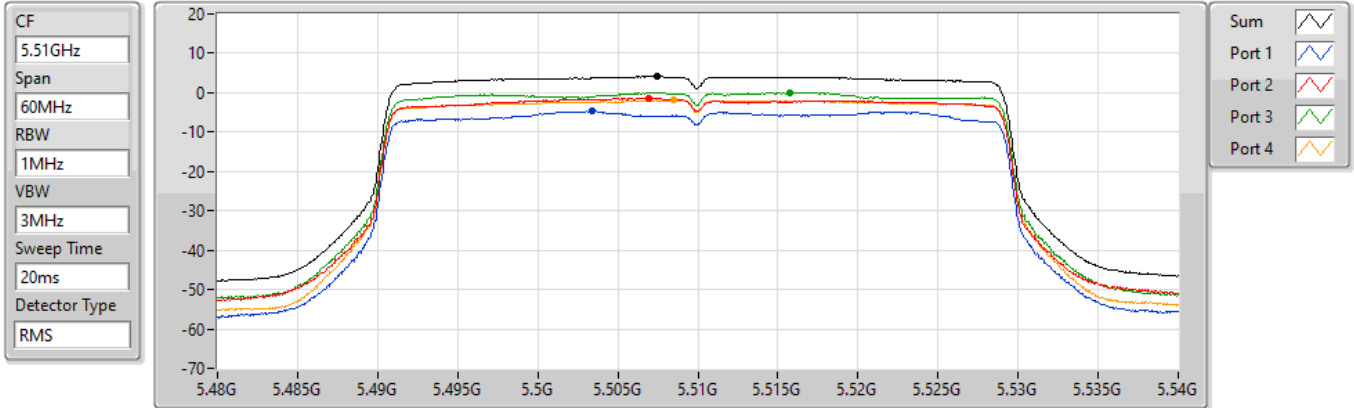
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.07	1.07	-7.18	-4.12	-3.67	-4.61

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

19/08/2022



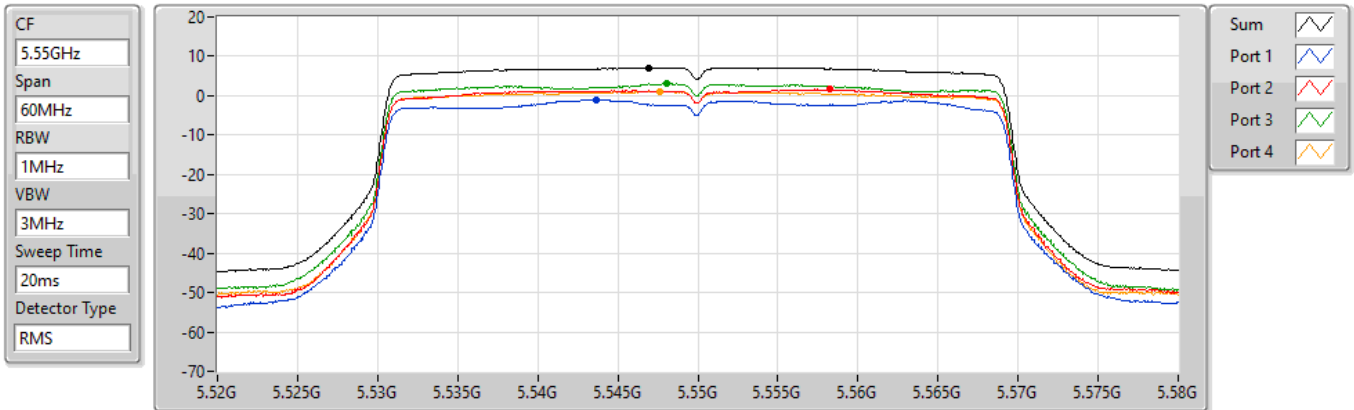
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.10	4.10	-4.66	-1.42	0.03	-1.92

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

19/08/2022



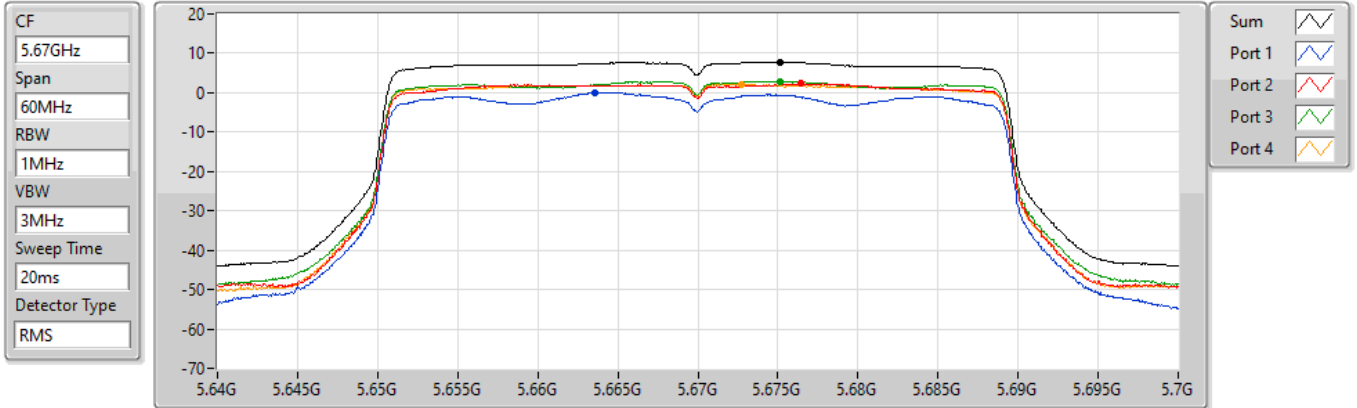
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.10	7.10	-0.92	1.57	3.06	1.09

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

19/08/2022



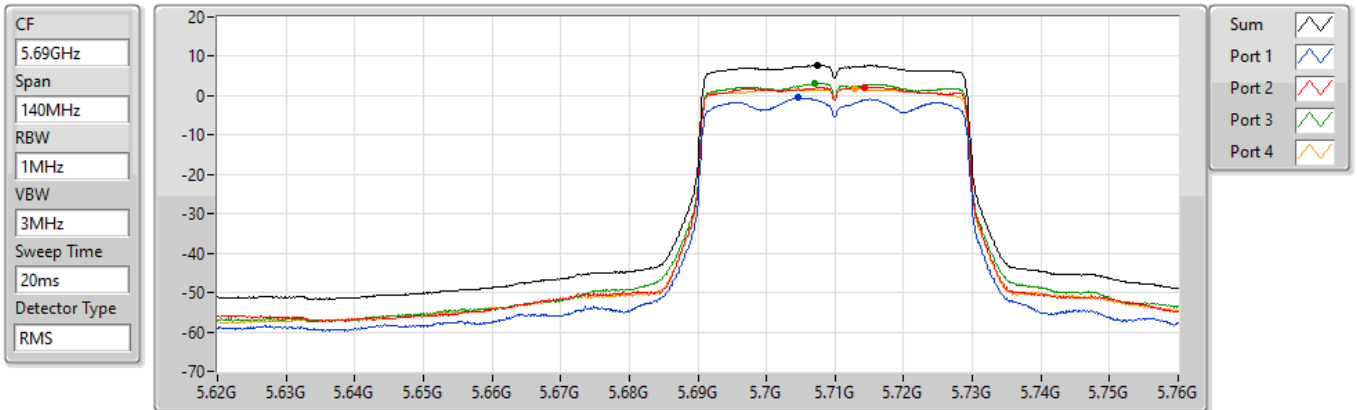
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.68	7.68	0.05	2.34	2.92	2.23

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

19/08/2022



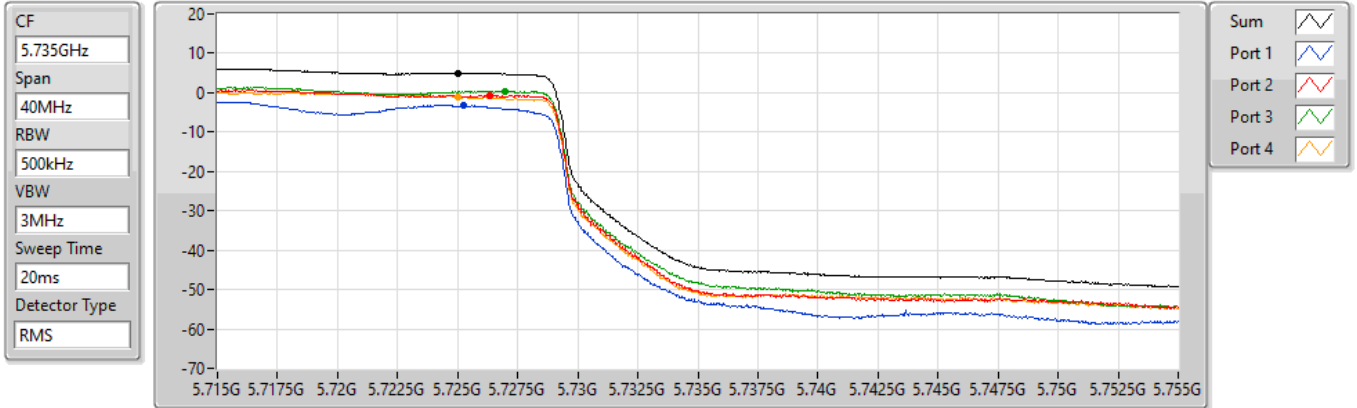
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.71	7.71	-0.54	2.22	3.25	1.87

802.11ax HEW40_Nss1,(MCS0)_4TX

5710MHz Straddle 5.725-5.85GHz

PSD

19/08/2022



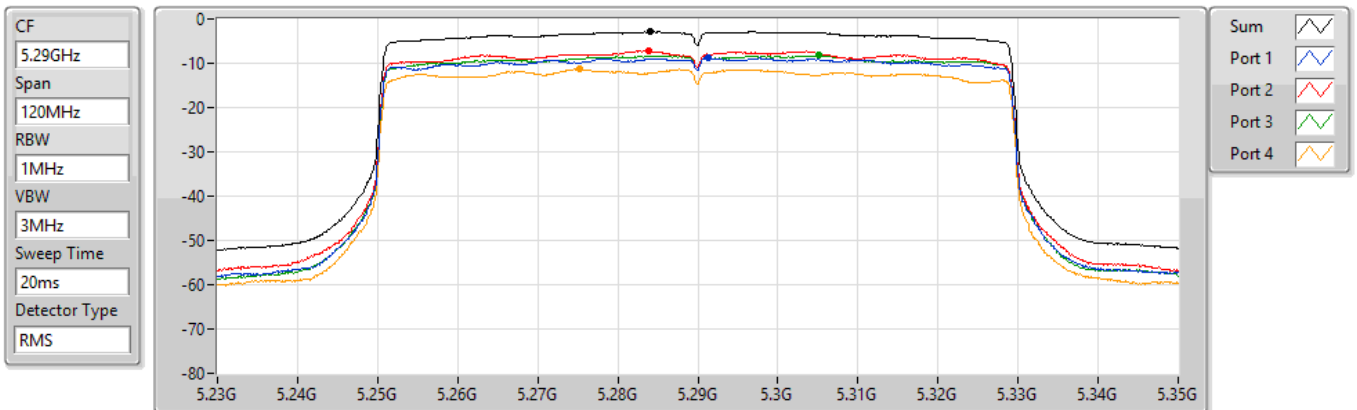
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.96	4.96	-3.29	-0.77	0.40	-1.09

802.11ax HEW80_Nss1,(MCS0)_4TX

5290MHz

PSD

25/08/2022



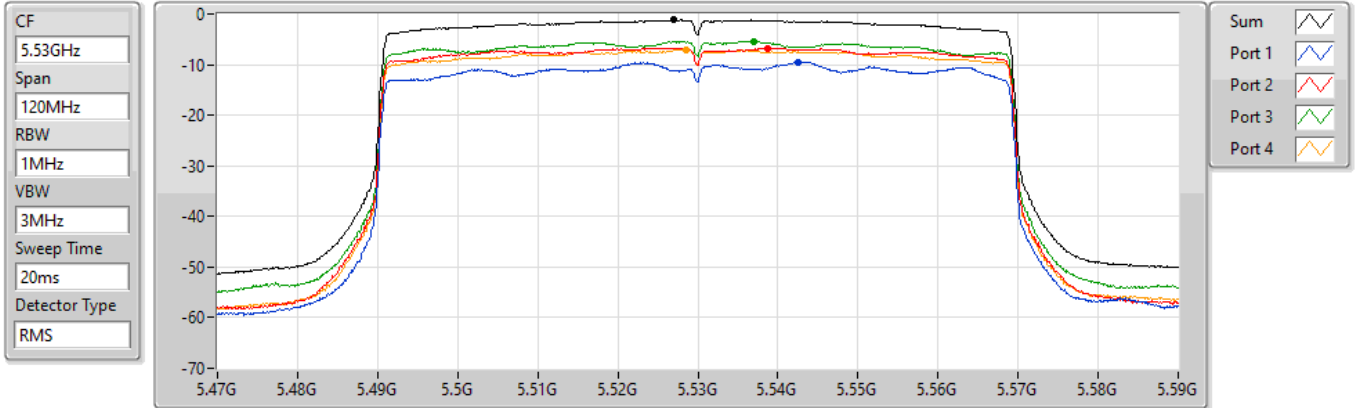
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.88	-2.88	-8.71	-7.24	-8.26	-11.32

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

19/08/2022



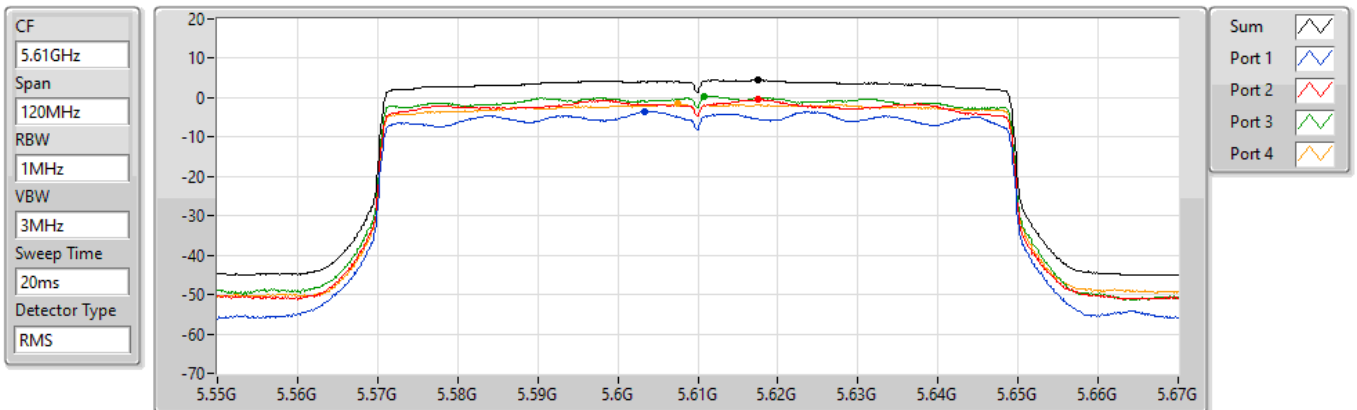
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.22	-1.22	-9.50	-6.70	-5.40	-7.09

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

19/08/2022



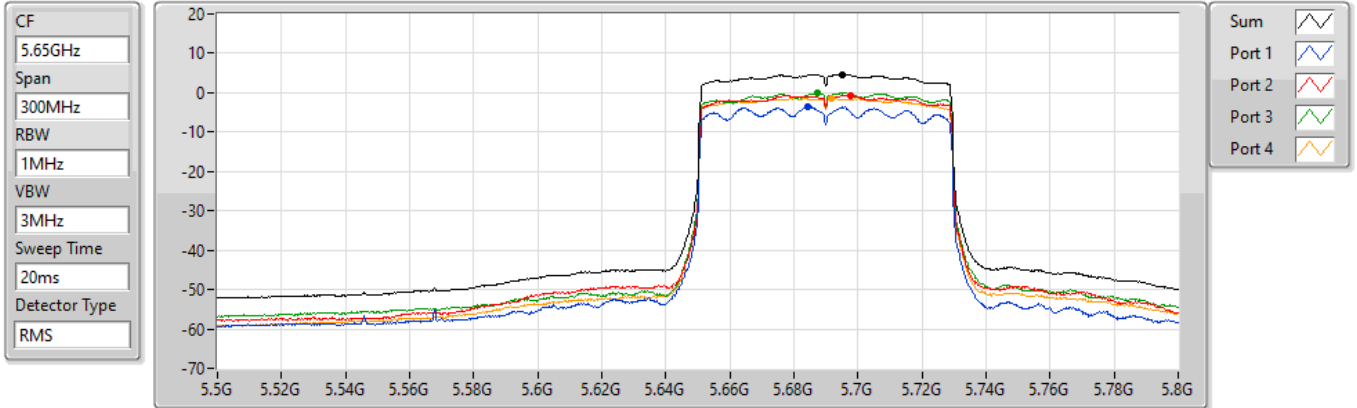
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.49	4.49	-3.45	-0.39	0.47	-1.58

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

19/08/2022



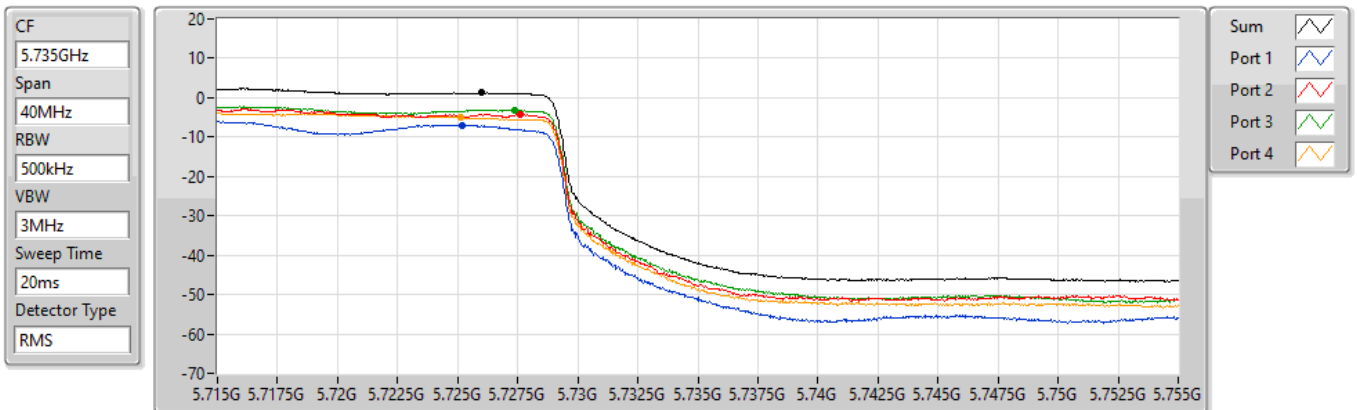
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.59	4.59	-3.54	-0.73	-0.02	-1.39

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

19/08/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.21	1.21	-6.94	-4.31	-3.14	-4.97



Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	-2.20
802.11ax HEW20_Nss1,(MCS0)_1TX	-1.83
802.11ax HEW40_Nss1,(MCS0)_1TX	-5.34
802.11ax HEW80_Nss1,(MCS0)_1TX	-12.95
802.11a_Nss1,(6Mbps)_2TX	-1.88
802.11ax HEW20_Nss1,(MCS0)_2TX	-1.99
802.11ax HEW40_Nss1,(MCS0)_2TX	-6.07
802.11ax HEW80_Nss1,(MCS0)_2TX	-11.40
802.11a_Nss1,(6Mbps)_4TX	-8.58
802.11ax HEW20_Nss1,(MCS0)_4TX	-9.39
802.11ax HEW40_Nss1,(MCS0)_4TX	-12.29
802.11ax HEW80_Nss1,(MCS0)_4TX	-15.22
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	-1.73
802.11ax HEW20_Nss1,(MCS0)_1TX	-1.58
802.11ax HEW40_Nss1,(MCS0)_1TX	-4.79
802.11ax HEW80_Nss1,(MCS0)_1TX	-7.67
802.11a_Nss1,(6Mbps)_2TX	-1.69
802.11ax HEW20_Nss1,(MCS0)_2TX	-1.74
802.11ax HEW40_Nss1,(MCS0)_2TX	-4.69
802.11ax HEW80_Nss1,(MCS0)_2TX	-7.55
802.11a_Nss1,(6Mbps)_4TX	-7.83
802.11ax HEW20_Nss1,(MCS0)_4TX	-8.61
802.11ax HEW40_Nss1,(MCS0)_4TX	-10.95
802.11ax HEW80_Nss1,(MCS0)_4TX	-14.53
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	-3.90
802.11ax HEW20_Nss1,(MCS0)_1TX	-4.18
802.11ax HEW40_Nss1,(MCS0)_1TX	-7.78
802.11ax HEW80_Nss1,(MCS0)_1TX	-11.76
802.11a_Nss1,(6Mbps)_2TX	-3.98
802.11ax HEW20_Nss1,(MCS0)_2TX	-3.71
802.11ax HEW40_Nss1,(MCS0)_2TX	-7.31
802.11ax HEW80_Nss1,(MCS0)_2TX	-11.03
802.11a_Nss1,(6Mbps)_4TX	-10.13
802.11ax HEW20_Nss1,(MCS0)_4TX	-10.27
802.11ax HEW40_Nss1,(MCS0)_4TX	-13.87
802.11ax HEW80_Nss1,(MCS0)_4TX	-18.26

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-2.20				-2.20	-1.53
5300MHz	Pass	18.53	-2.33				-2.33	-1.53
5320MHz	Pass	18.53	-2.97				-2.97	-1.53
5500MHz	Pass	18.53	-1.73				-1.73	-1.53
5580MHz	Pass	18.53	-1.78				-1.78	-1.53
5700MHz	Pass	18.53	-2.21				-2.21	-1.53
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-1.94				-1.94	-1.53
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-3.90				-3.90	17.47
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-1.83				-1.83	-1.53
5300MHz	Pass	18.53	-2.65				-2.65	-1.53
5320MHz	Pass	18.53	-2.80				-2.80	-1.53
5500MHz	Pass	18.53	-2.15				-2.15	-1.53
5580MHz	Pass	18.53	-1.58				-1.58	-1.53
5700MHz	Pass	18.53	-1.92				-1.92	-1.53
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-2.23				-2.23	-1.53
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-4.18				-4.18	17.47
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	-5.34				-5.34	-1.53
5310MHz	Pass	18.53	-7.42				-7.42	-1.53
5510MHz	Pass	18.53	-4.81				-4.81	-1.53
5550MHz	Pass	18.53	-4.99				-4.99	-1.53
5670MHz	Pass	18.53	-4.84				-4.84	-1.53
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	-4.79				-4.79	-1.53
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-7.78				-7.78	17.47
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	-12.95				-12.95	-1.53
5530MHz	Pass	18.53	-7.93				-7.93	-1.53
5610MHz	Pass	18.53	-7.76				-7.76	-1.53
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	-7.67				-7.67	-1.53
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-11.76				-11.76	17.47
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-6.90	-3.42			-1.89	-1.53
5300MHz	Pass	18.53	-6.72	-3.38			-1.89	-1.53
5320MHz	Pass	18.53	-6.87	-3.44			-1.88	-1.53
5500MHz	Pass	18.53	-6.66	-3.20			-1.69	-1.53
5580MHz	Pass	18.53	-6.80	-3.34			-1.89	-1.53
5700MHz	Pass	18.53	-8.65	-6.01			-4.20	-1.53
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-5.90	-3.64			-1.81	-1.53
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-8.47	-5.37			-3.98	17.47
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-7.33	-3.89			-2.31	-1.53
5300MHz	Pass	18.53	-7.02	-3.58			-1.99	-1.53
5320MHz	Pass	18.53	-7.26	-3.59			-2.09	-1.53
5500MHz	Pass	18.53	-7.10	-3.44			-2.00	-1.53
5580MHz	Pass	18.53	-6.63	-3.03			-1.74	-1.53
5700MHz	Pass	18.53	-5.89	-3.85			-1.98	-1.53
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-6.50	-3.49			-1.96	-1.53
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-8.28	-5.47			-3.71	17.47
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	-11.02	-7.64			-6.09	-1.53
5310MHz	Pass	18.53	-10.91	-7.72			-6.07	-1.53
5510MHz	Pass	18.53	-9.61	-6.42			-4.92	-1.53
5550MHz	Pass	18.53	-9.62	-6.39			-4.93	-1.53



PSD_Iron R1_Antenna set 10_P to M

Appendix D.2

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)
5670MHz	Pass	18.53	-9.08	-6.48			-4.79	-1.53
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	-8.89	-6.51			-4.69	-1.53
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-11.78	-9.04			-7.31	17.47
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	-16.21	-13.13			-11.40	-1.53
5530MHz	Pass	18.53	-12.73	-9.45			-7.95	-1.53
5610MHz	Pass	18.53	-12.11	-8.94			-7.59	-1.53
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	-11.83	-9.37			-7.55	-1.53
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-15.65	-12.82			-11.03	17.47
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	21.54	-17.20	-13.54	-12.93	-15.21	-8.58	-4.54
5300MHz	Pass	21.54	-17.32	-13.76	-13.09	-14.98	-8.82	-4.54
5320MHz	Pass	21.54	-17.57	-14.00	-12.75	-14.98	-8.76	-4.54
5500MHz	Pass	21.54	-18.07	-14.58	-12.34	-14.30	-8.57	-4.54
5580MHz	Pass	21.54	-17.11	-14.12	-12.96	-15.89	-9.08	-4.54
5700MHz	Pass	21.54	-17.06	-13.86	-11.80	-14.48	-8.22	-4.54
5720MHz Straddle 5.47-5.725GHz	Pass	21.54	-15.74	-13.85	-11.73	-13.91	-7.83	-4.54
5720MHz Straddle 5.725-5.85GHz	Pass	21.54	-18.31	-16.15	-14.56	-15.74	-10.13	14.46
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	21.54	-17.81	-14.70	-13.41	-16.10	-9.39	-4.54
5300MHz	Pass	21.54	-18.14	-15.05	-14.02	-15.87	-9.77	-4.54
5320MHz	Pass	21.54	-18.87	-14.83	-13.96	-15.78	-9.67	-4.54
5500MHz	Pass	21.54	-18.06	-15.10	-13.15	-15.31	-9.41	-4.54
5580MHz	Pass	21.54	-18.14	-14.63	-13.92	-16.62	-9.93	-4.54
5700MHz	Pass	21.54	-17.31	-15.30	-13.13	-15.10	-9.14	-4.54
5720MHz Straddle 5.47-5.725GHz	Pass	21.54	-16.89	-14.33	-12.50	-14.61	-8.61	-4.54
5720MHz Straddle 5.725-5.85GHz	Pass	21.54	-18.74	-15.72	-14.83	-16.67	-10.27	14.46
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	21.54	-20.81	-17.68	-16.65	-18.64	-12.41	-4.54
5310MHz	Pass	21.54	-21.07	-17.51	-16.39	-18.54	-12.29	-4.54
5510MHz	Pass	21.54	-21.03	-17.80	-15.82	-17.65	-12.04	-4.54
5550MHz	Pass	21.54	-20.44	-17.29	-15.69	-17.69	-11.85	-4.54
5670MHz	Pass	21.54	-18.71	-16.18	-15.07	-17.36	-10.95	-4.54
5710MHz Straddle 5.47-5.725GHz	Pass	21.54	-18.62	-17.29	-15.10	-16.99	-11.17	-4.54
5710MHz Straddle 5.725-5.85GHz	Pass	21.54	-21.60	-20.39	-17.81	-20.13	-13.87	14.46
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	21.54	-23.88	-20.49	-19.46	-21.58	-15.22	-4.54
5530MHz	Pass	21.54	-23.38	-20.58	-18.77	-20.47	-14.80	-4.54
5610MHz	Pass	21.54	-22.52	-19.55	-18.81	-20.44	-14.53	-4.54
5690MHz Straddle 5.47-5.725GHz	Pass	21.54	-22.86	-20.33	-18.73	-20.88	-14.74	-4.54
5690MHz Straddle 5.725-5.85GHz	Pass	21.54	-26.67	-24.45	-22.08	-24.68	-18.26	14.46

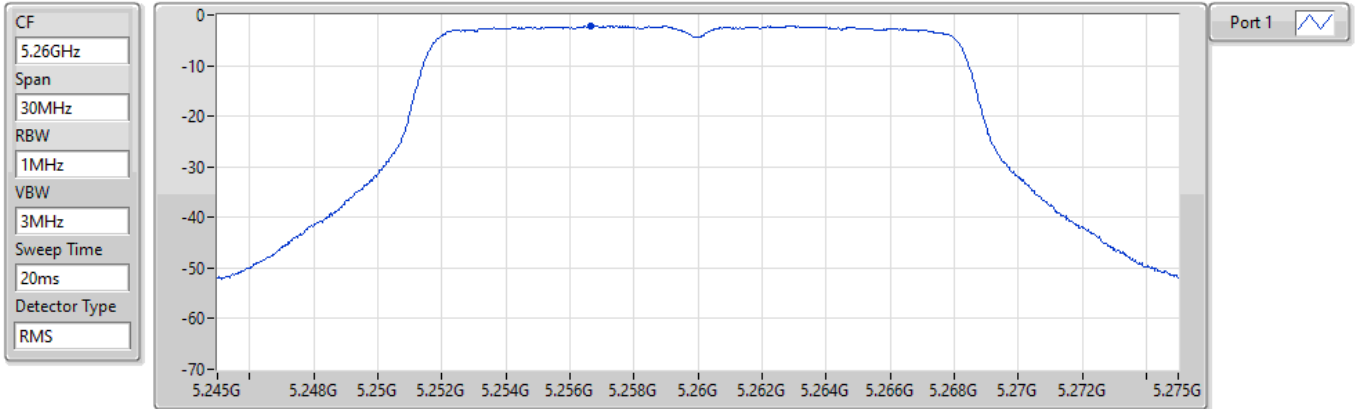
DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
 PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

802.11a_Nss1,(6Mbps)_1TX

PSD

5260MHz

24/08/2022



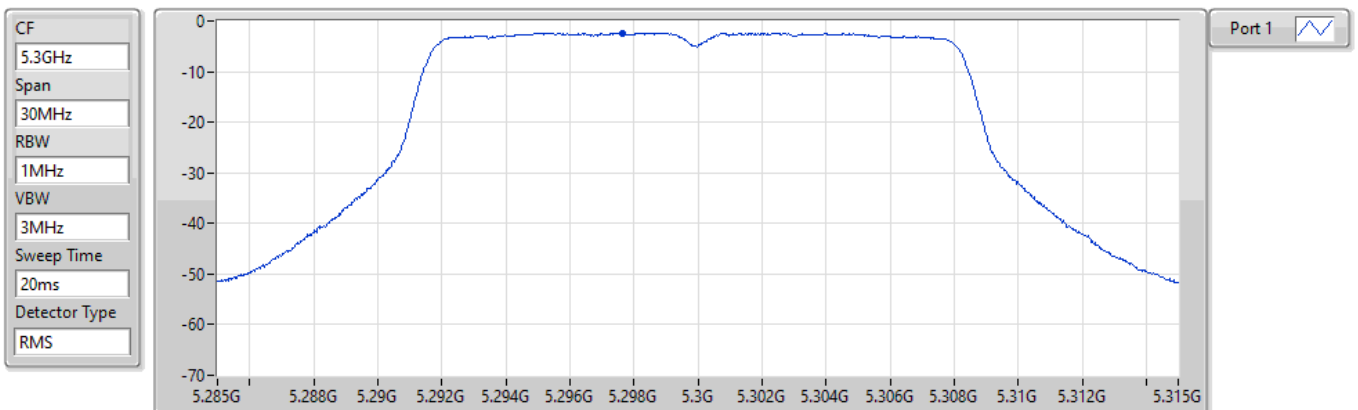
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.20	-2.20	-2.20

802.11a_Nss1,(6Mbps)_1TX

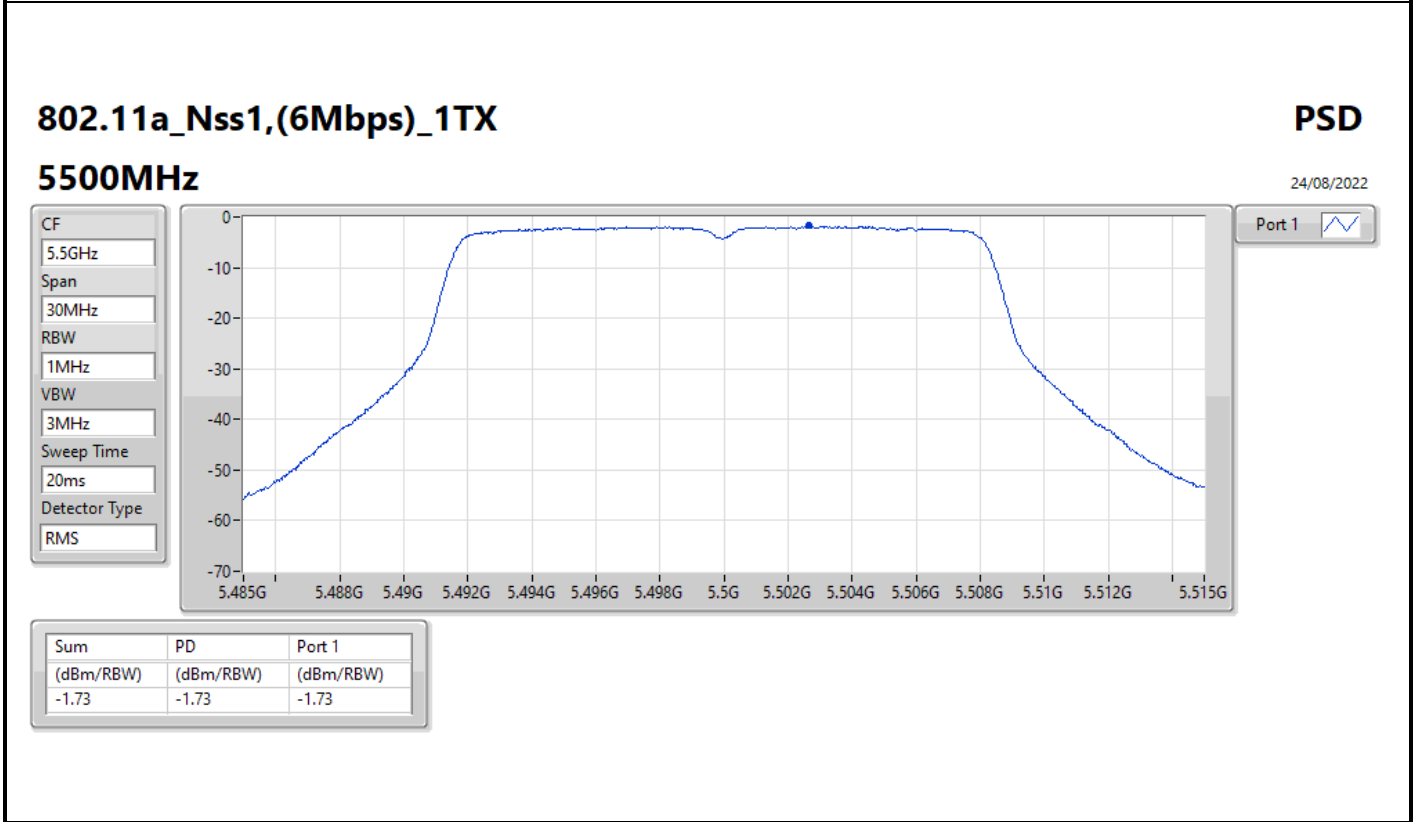
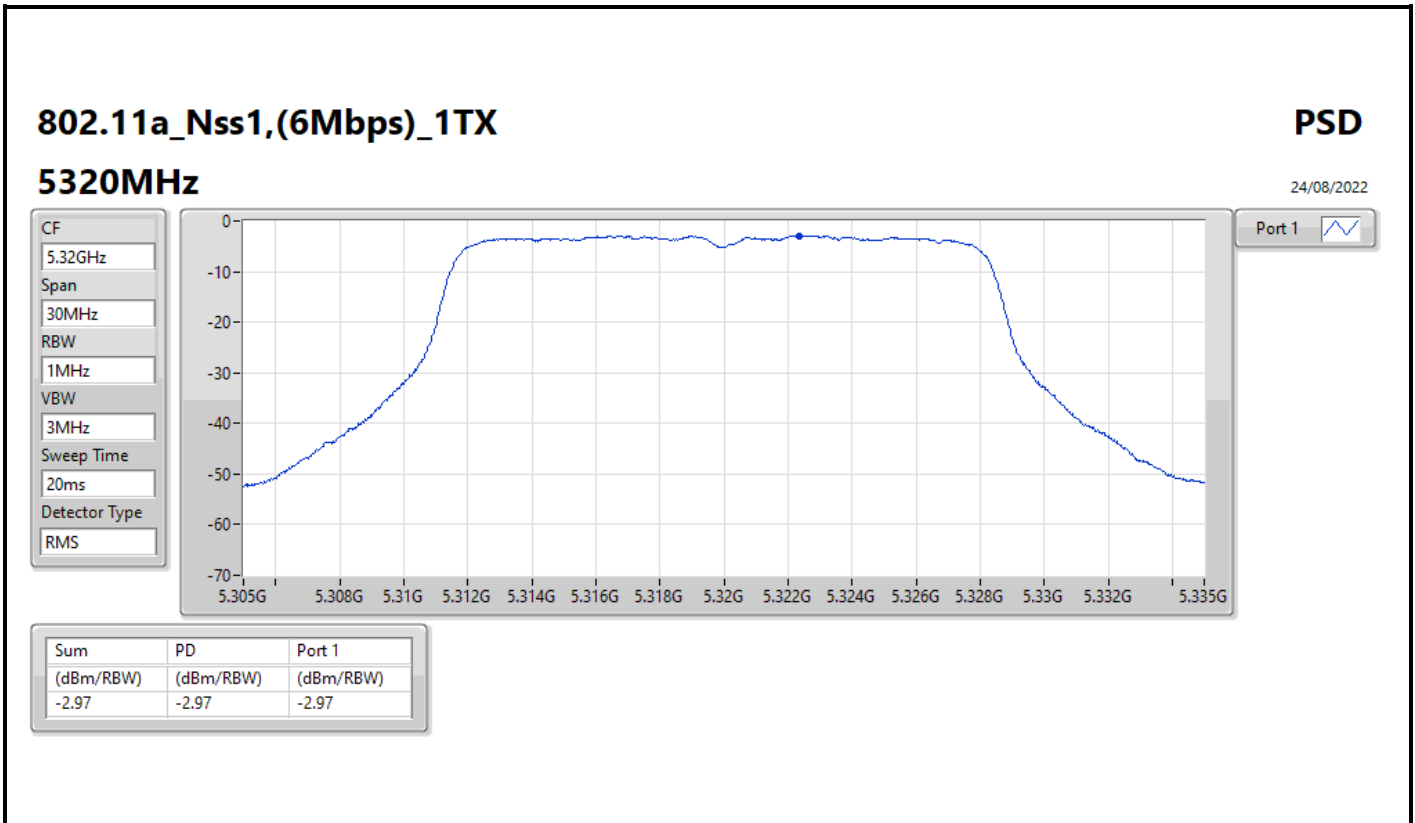
PSD

5300MHz

24/08/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.33	-2.33	-2.33



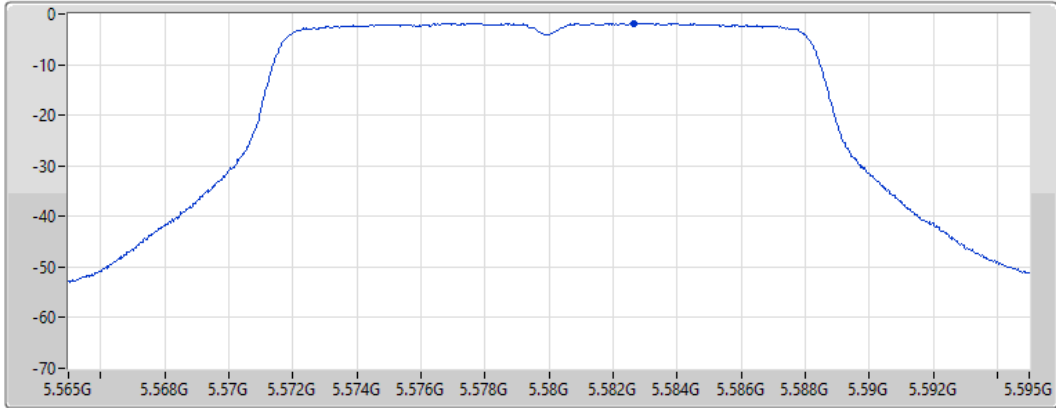
802.11a_Nss1,(6Mbps)_1TX


PSD

5580MHz

24/08/2022

CF
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.78	-1.78	-1.78

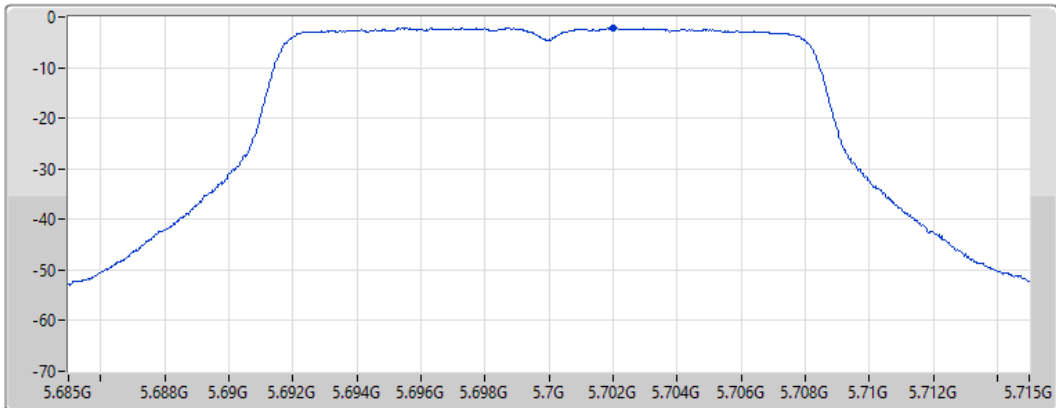
802.11a_Nss1,(6Mbps)_1TX


PSD

5700MHz

24/08/2022

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

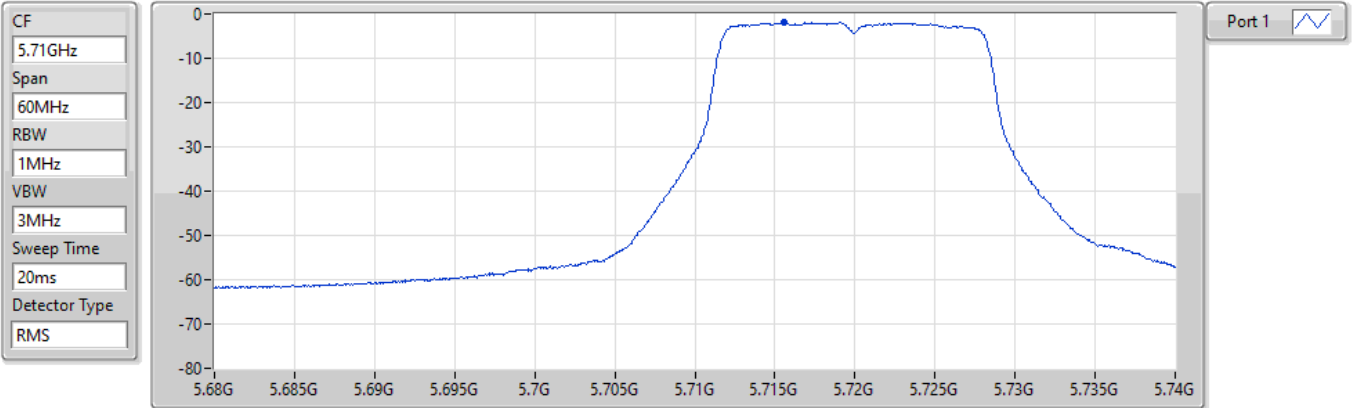
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.21	-2.21	-2.21

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

24/08/2022



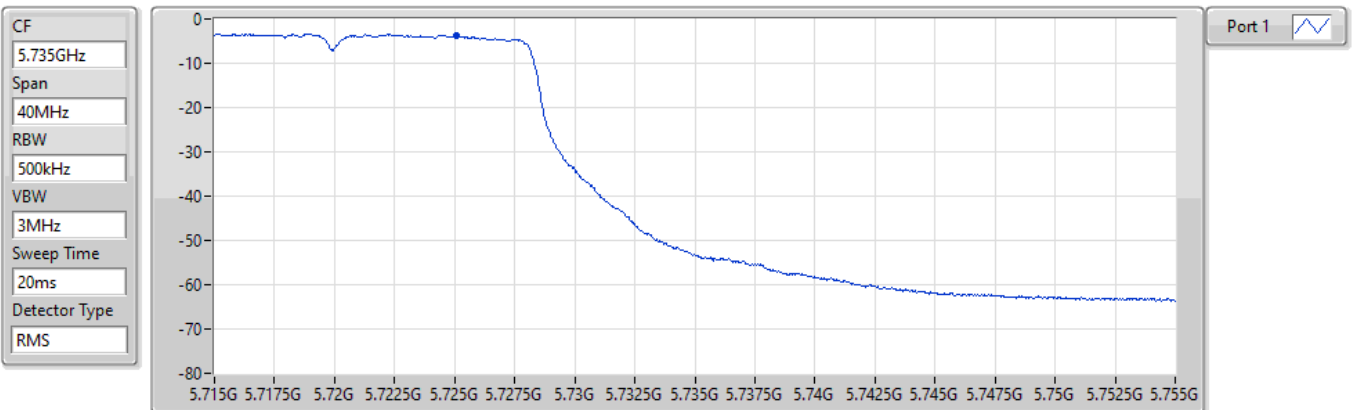
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.94	-1.94	-1.94

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

24/08/2022



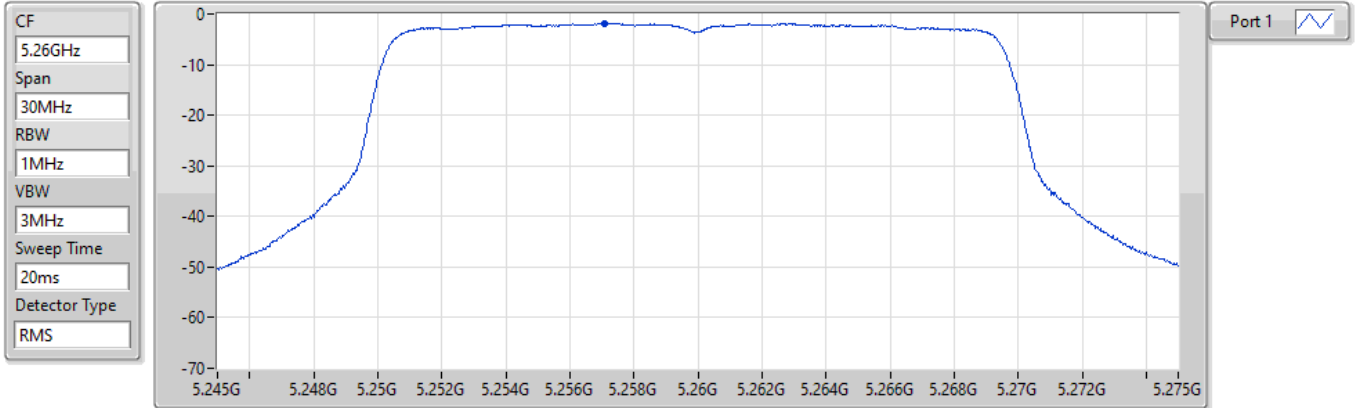
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.90	-3.90	-3.90

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

24/08/2022



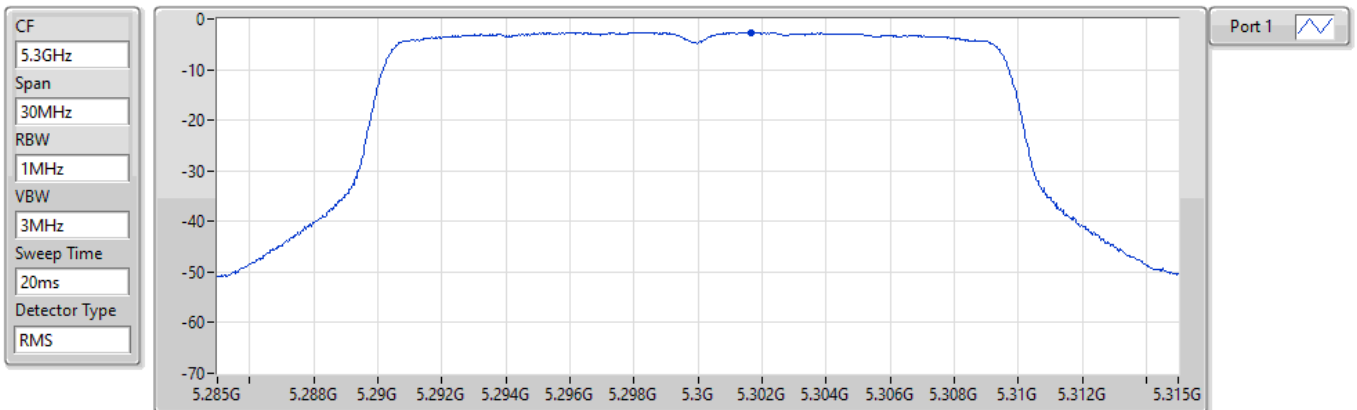
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.83	-1.83	-1.83

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

24/08/2022



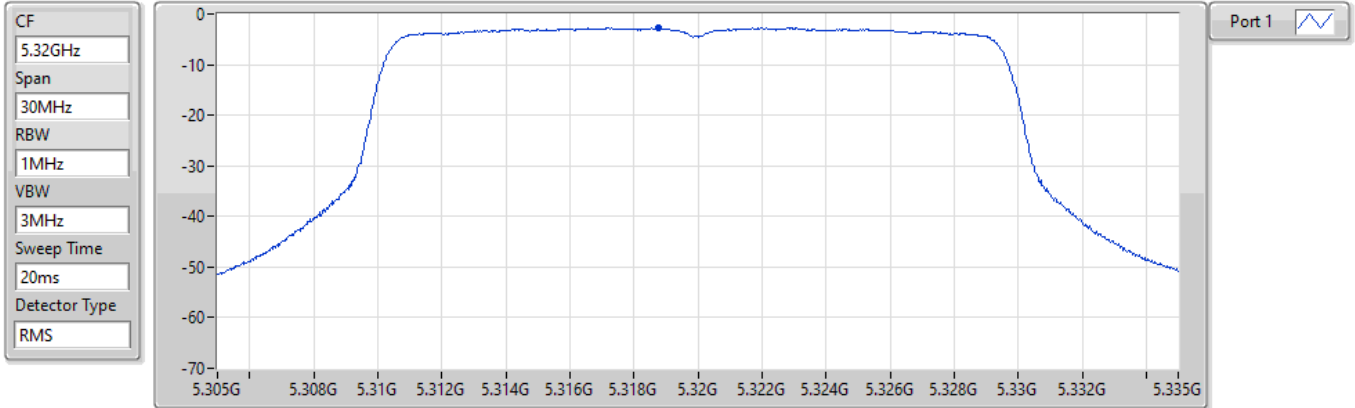
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.65	-2.65	-2.65

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

24/08/2022



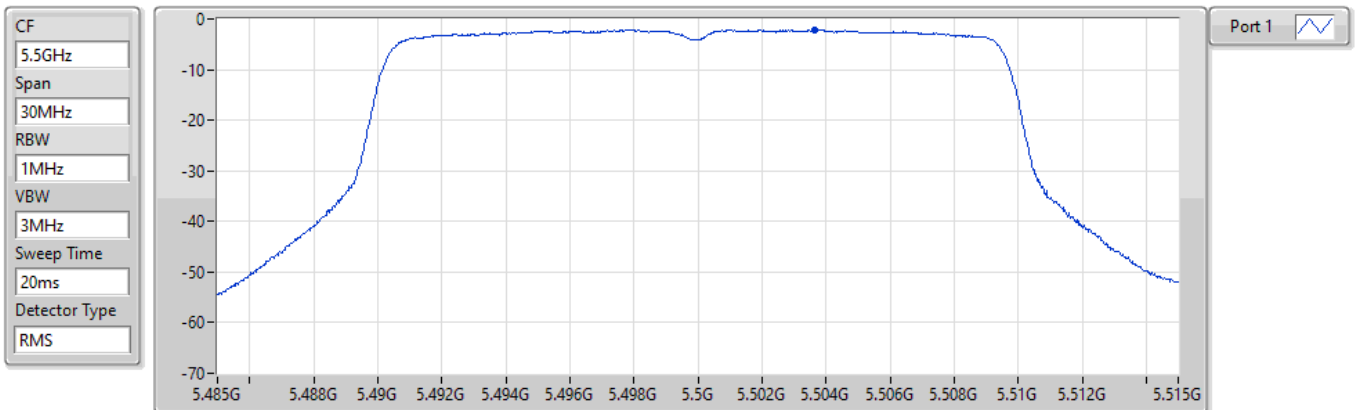
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.80	-2.80	-2.80

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

24/08/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.15	-2.15	-2.15

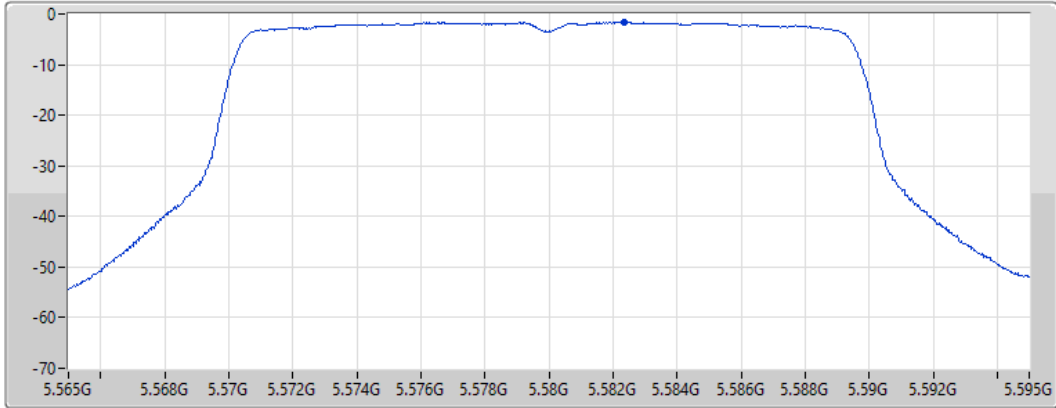
802.11ax HEW20_Nss1,(MCS0)_1TX


PSD

5580MHz

24/08/2022

CF
5.58GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.58	-1.58	-1.58

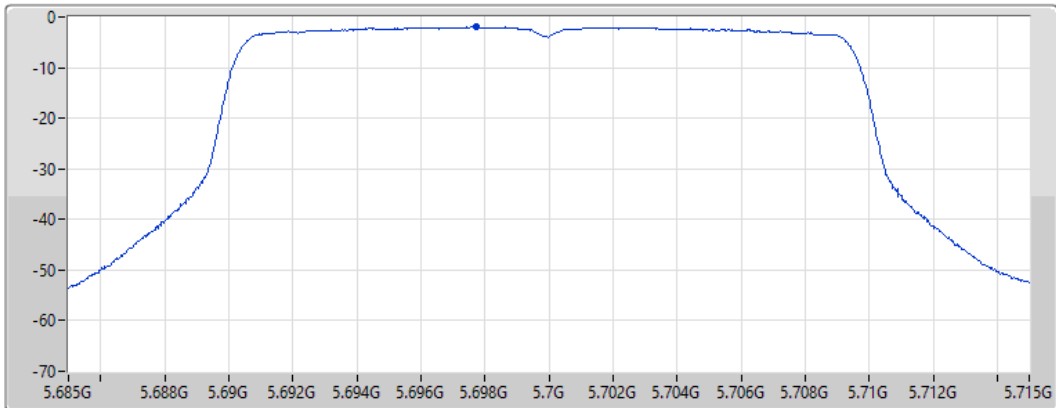
802.11ax HEW20_Nss1,(MCS0)_1TX


PSD

5700MHz

24/08/2022

CF
5.7GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

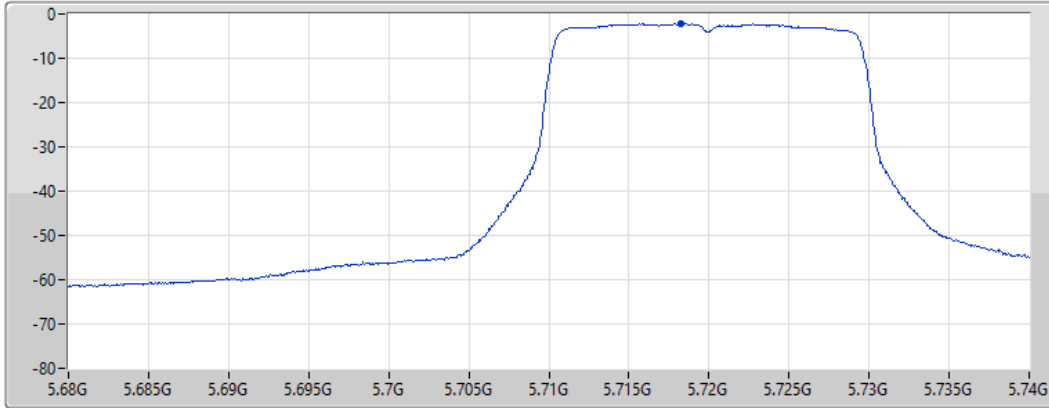
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.92	-1.92	-1.92

802.11ax HEW20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.47-5.725GHz

PSD

24/08/2022

CF
 5.71GHz
 Span
 60MHz
 RBW
 1MHz
 VBW
 3MHz
 Sweep Time
 20ms
 Detector Type
 RMS



Port 1 

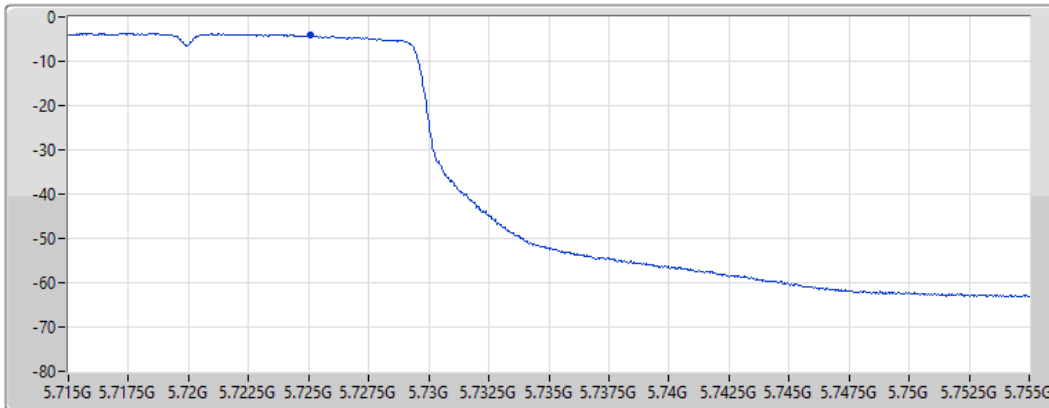
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.23	-2.23	-2.23


802.11ax HEW20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.725-5.85GHz

PSD

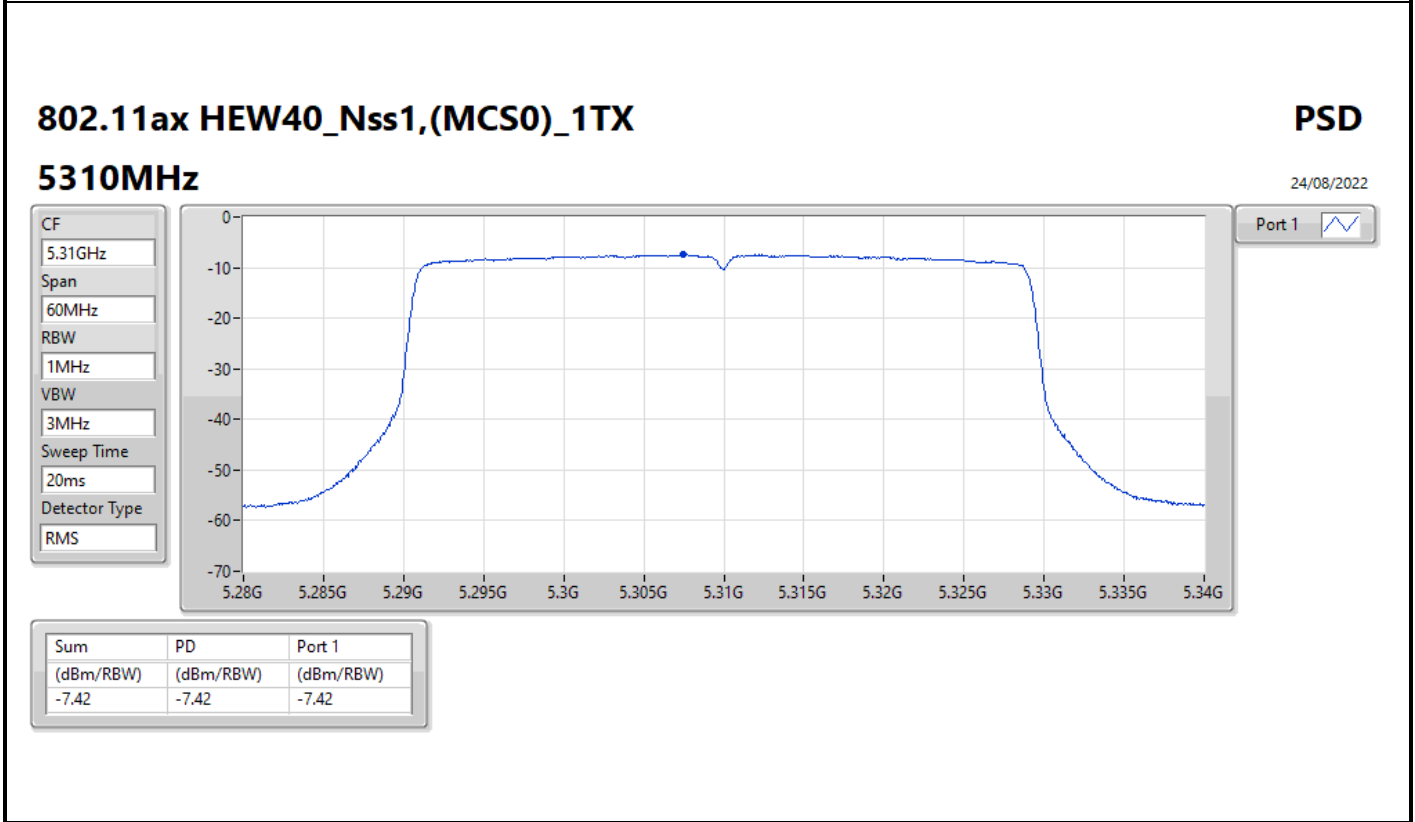
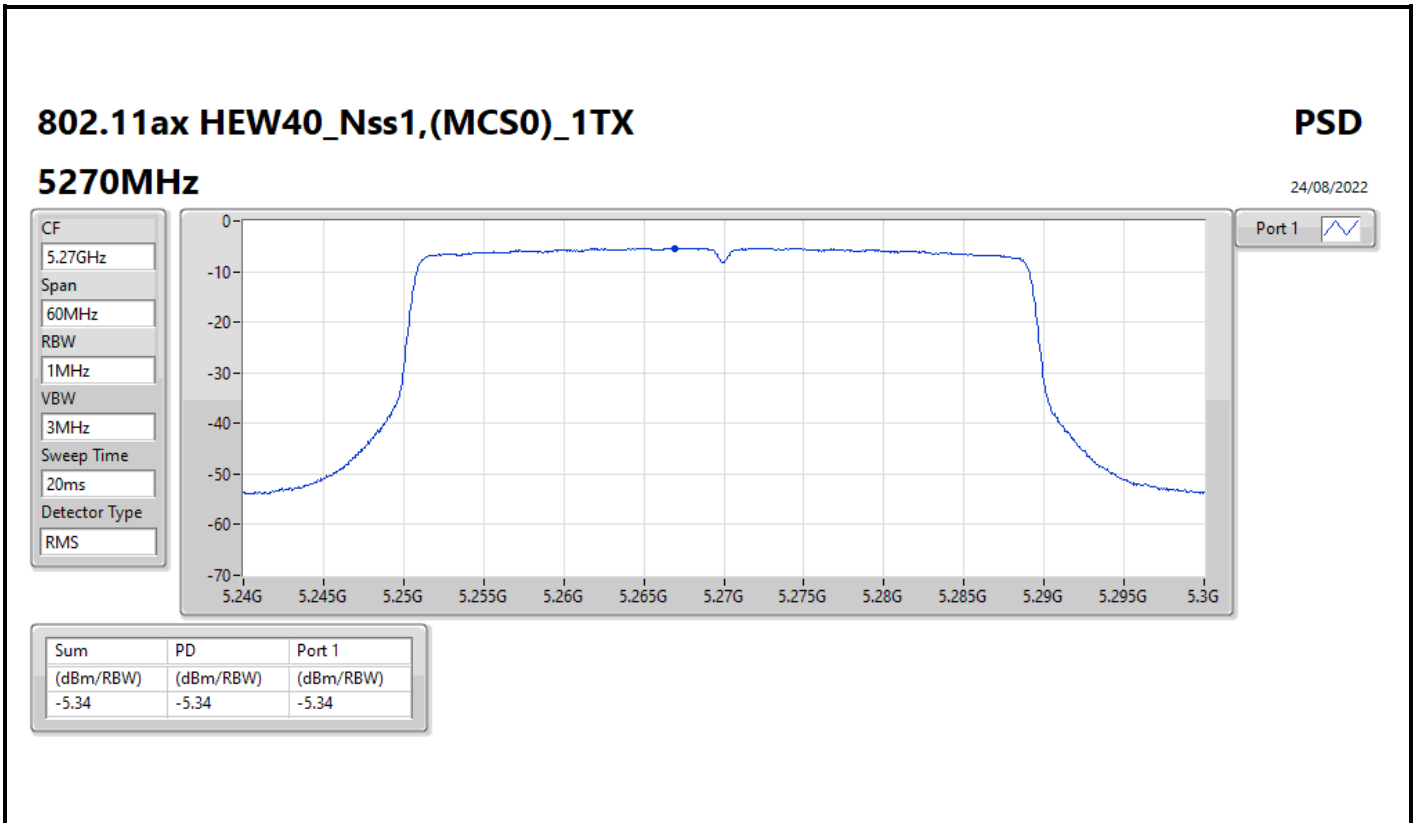
24/08/2022

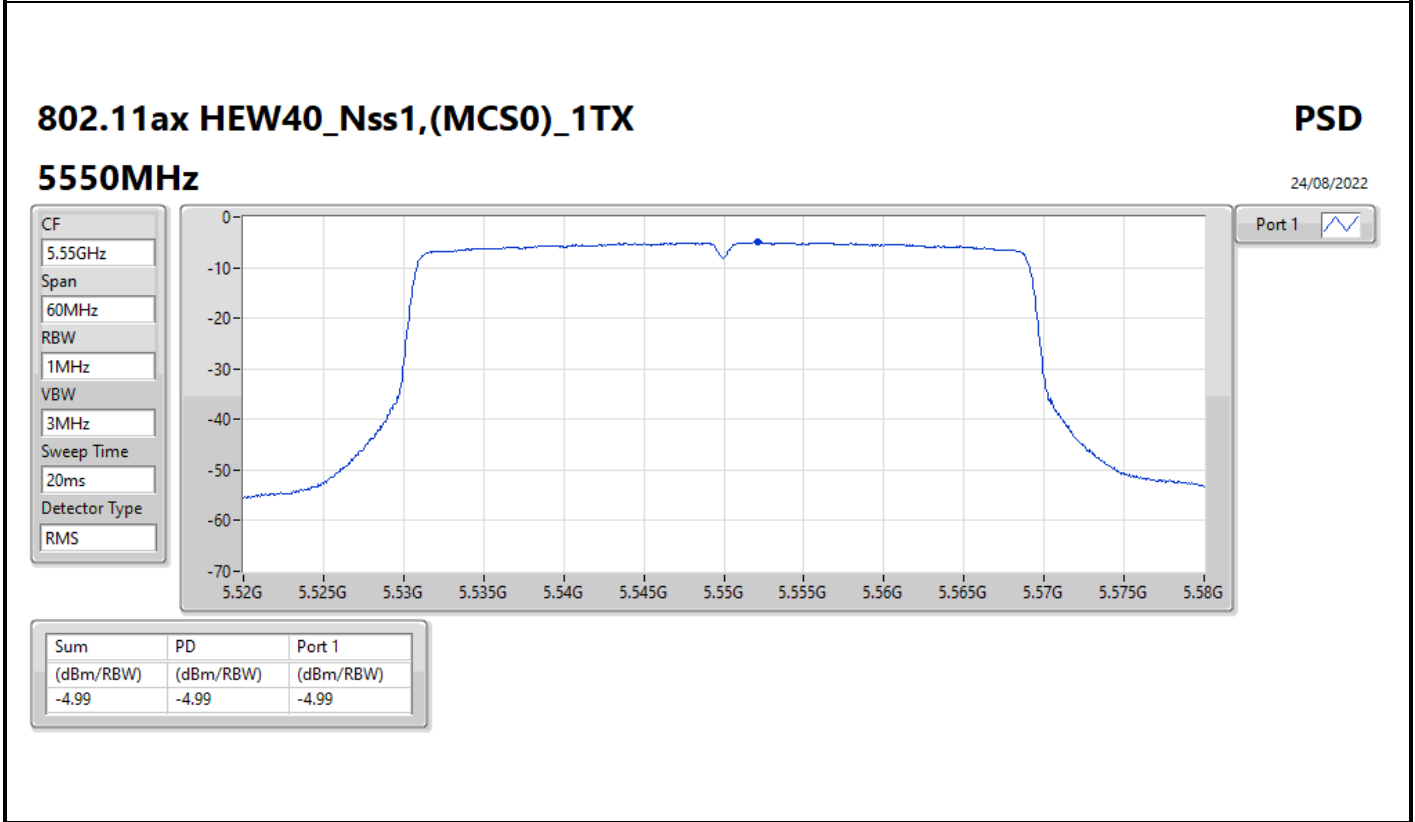
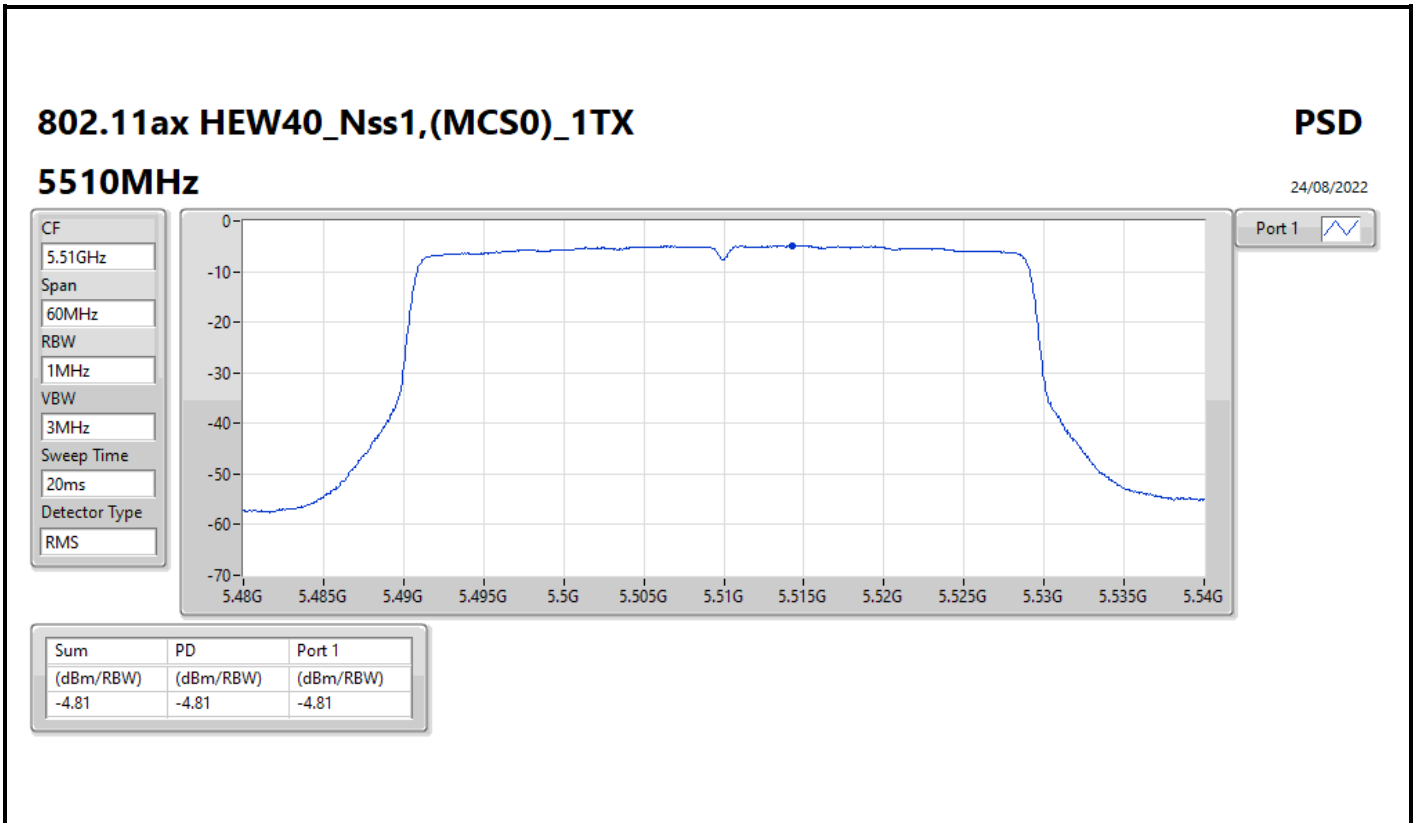
CF
 5.735GHz
 Span
 40MHz
 RBW
 500kHz
 VBW
 3MHz
 Sweep Time
 20ms
 Detector Type
 RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.18	-4.18	-4.18



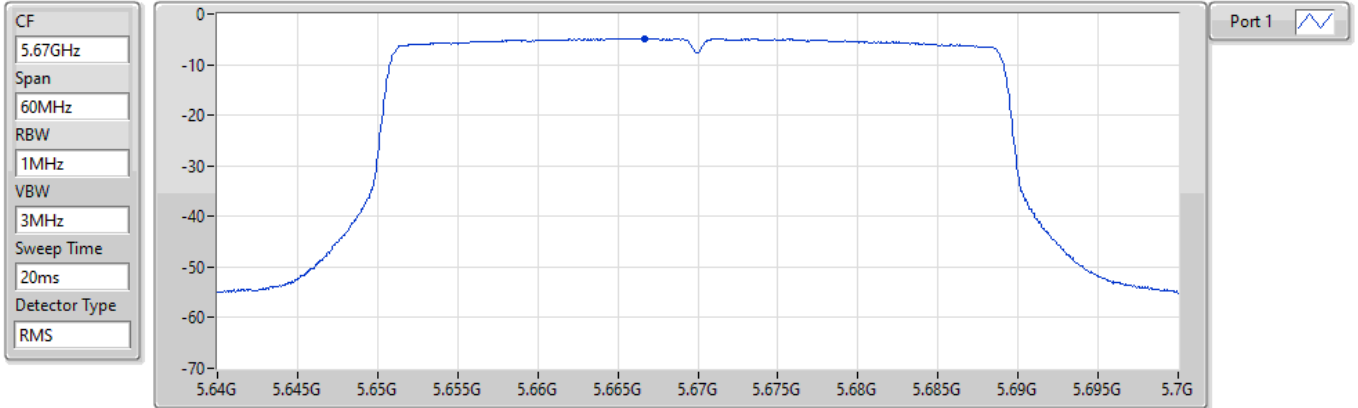


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

24/08/2022



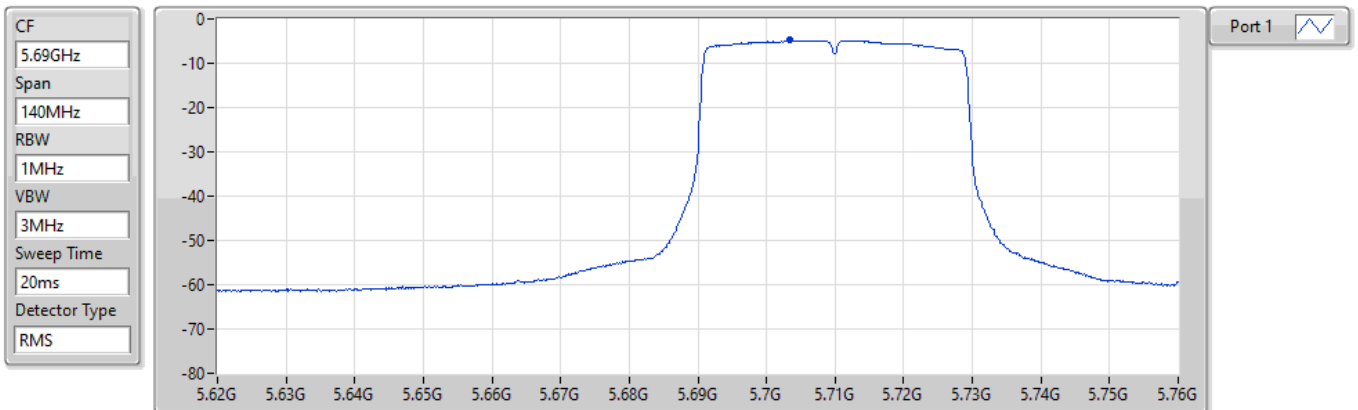
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.84	-4.84	-4.84

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

24/08/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.79	-4.79	-4.79

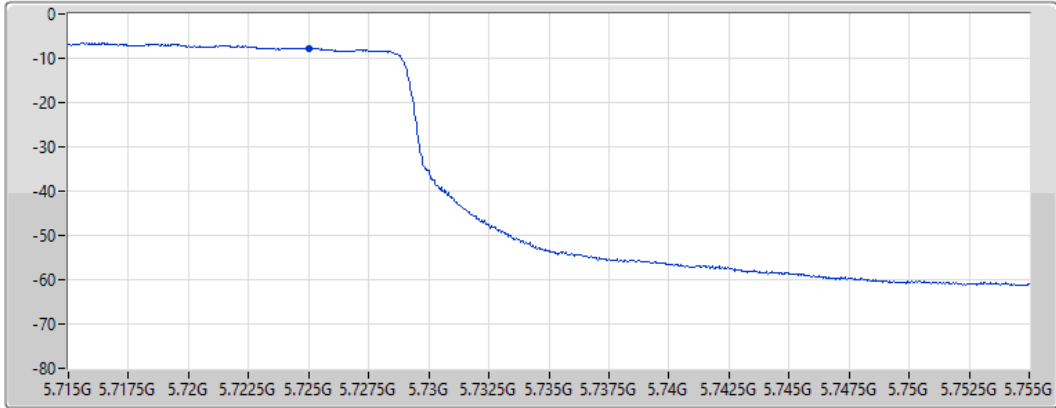
802.11ax HEW40_Nss1,(MCS0)_1TX


PSD

5710MHz Straddle 5.725-5.85GHz

24/08/2022

CF
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.78	-7.78	-7.78

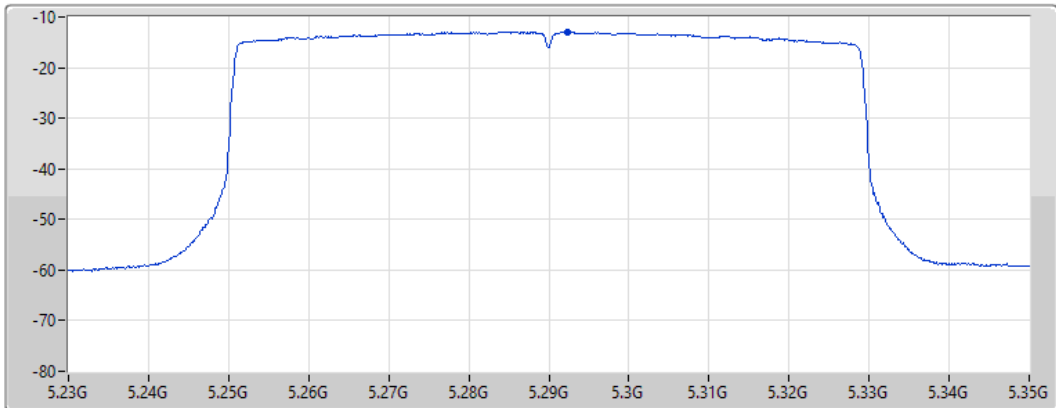
802.11ax HEW80_Nss1,(MCS0)_1TX


PSD

5290MHz

24/08/2022

CF
5.29GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.95	-12.95	-12.95

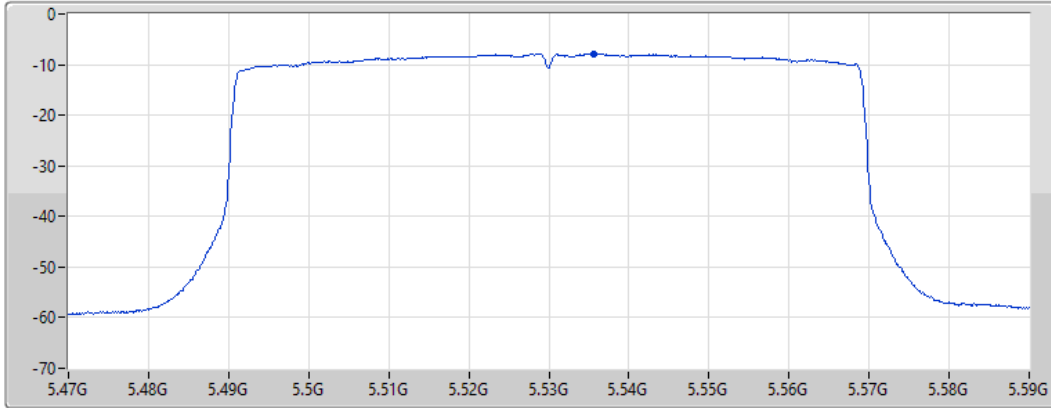
802.11ax HEW80_Nss1,(MCS0)_1TX


PSD

5530MHz

24/08/2022

CF
5.53GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.93	-7.93	-7.93

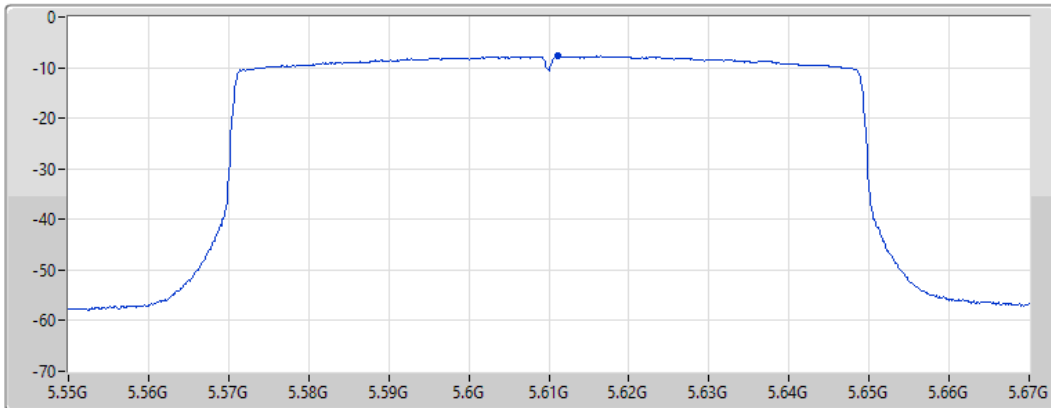
802.11ax HEW80_Nss1,(MCS0)_1TX


PSD

5610MHz

24/08/2022

CF
5.61GHz
Span
120MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.76	-7.76	-7.76

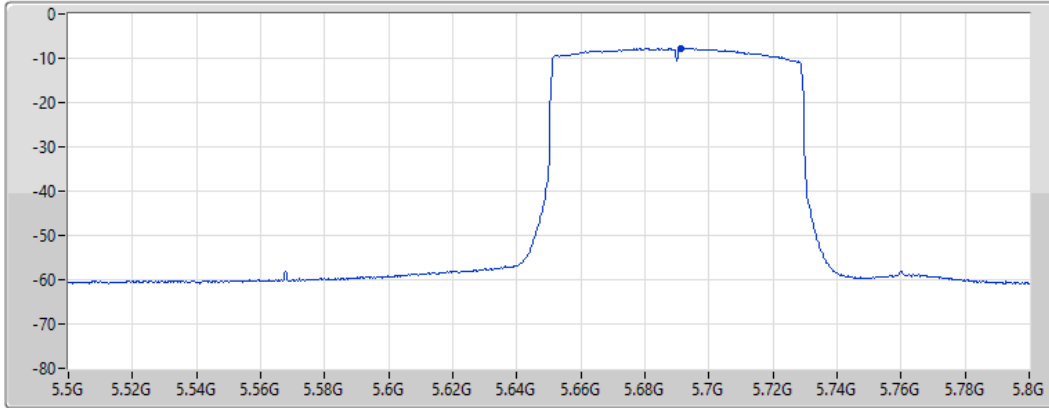
802.11ax HEW80_Nss1,(MCS0)_1TX


PSD

5690MHz Straddle 5.47-5.725GHz

24/08/2022

CF
5.65GHz
Span
300MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.67	-7.67	-7.67

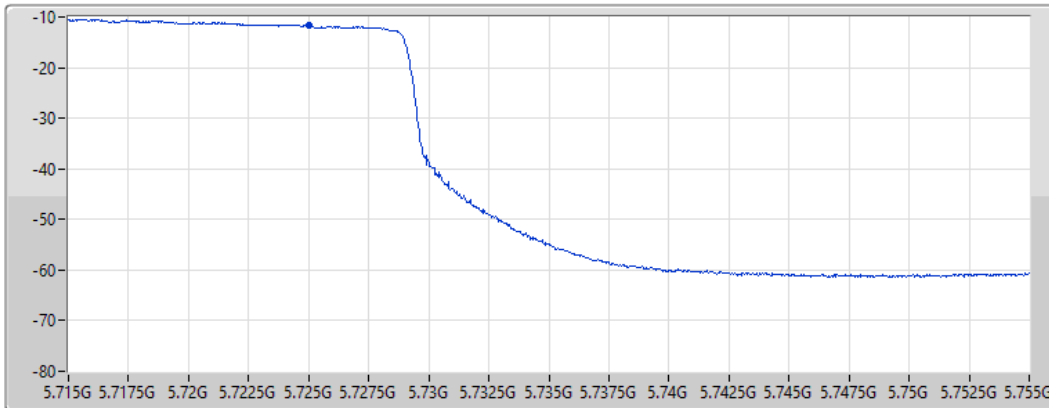
802.11ax HEW80_Nss1,(MCS0)_1TX


PSD

5690MHz Straddle 5.725-5.85GHz

24/08/2022

CF
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

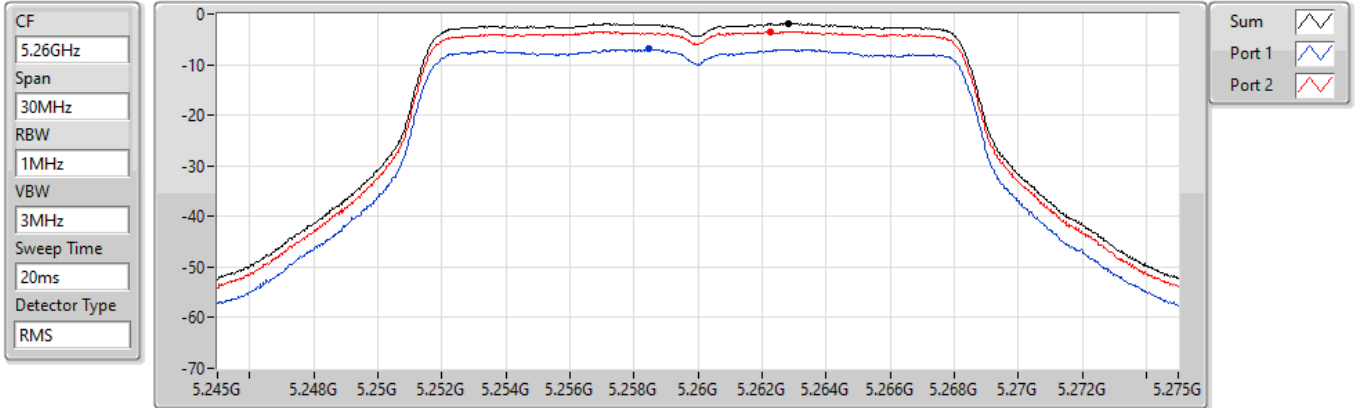
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.76	-11.76	-11.76

802.11a_Nss1,(6Mbps)_2TX

PSD

5260MHz

24/08/2022



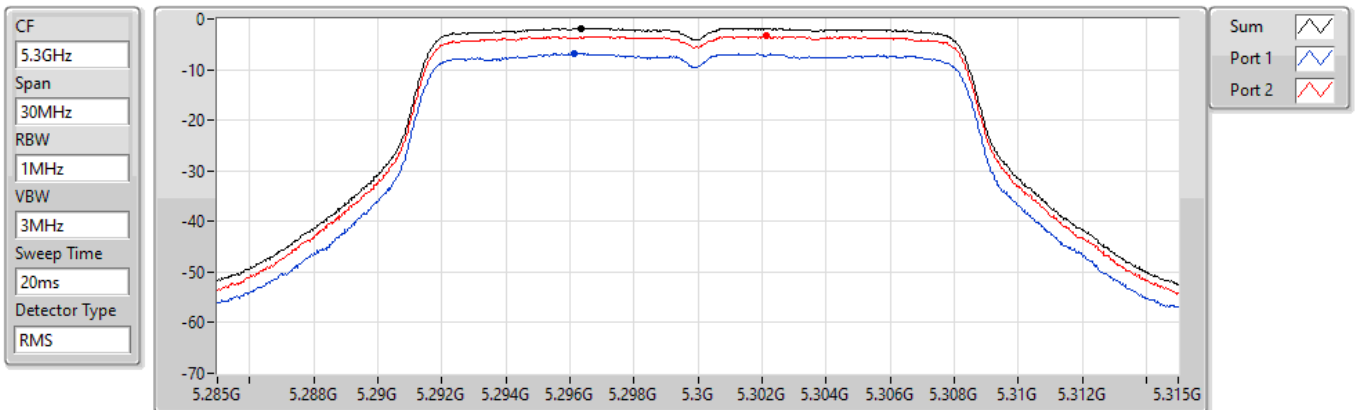
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.89	-1.89	-6.90	-3.42

802.11a_Nss1,(6Mbps)_2TX

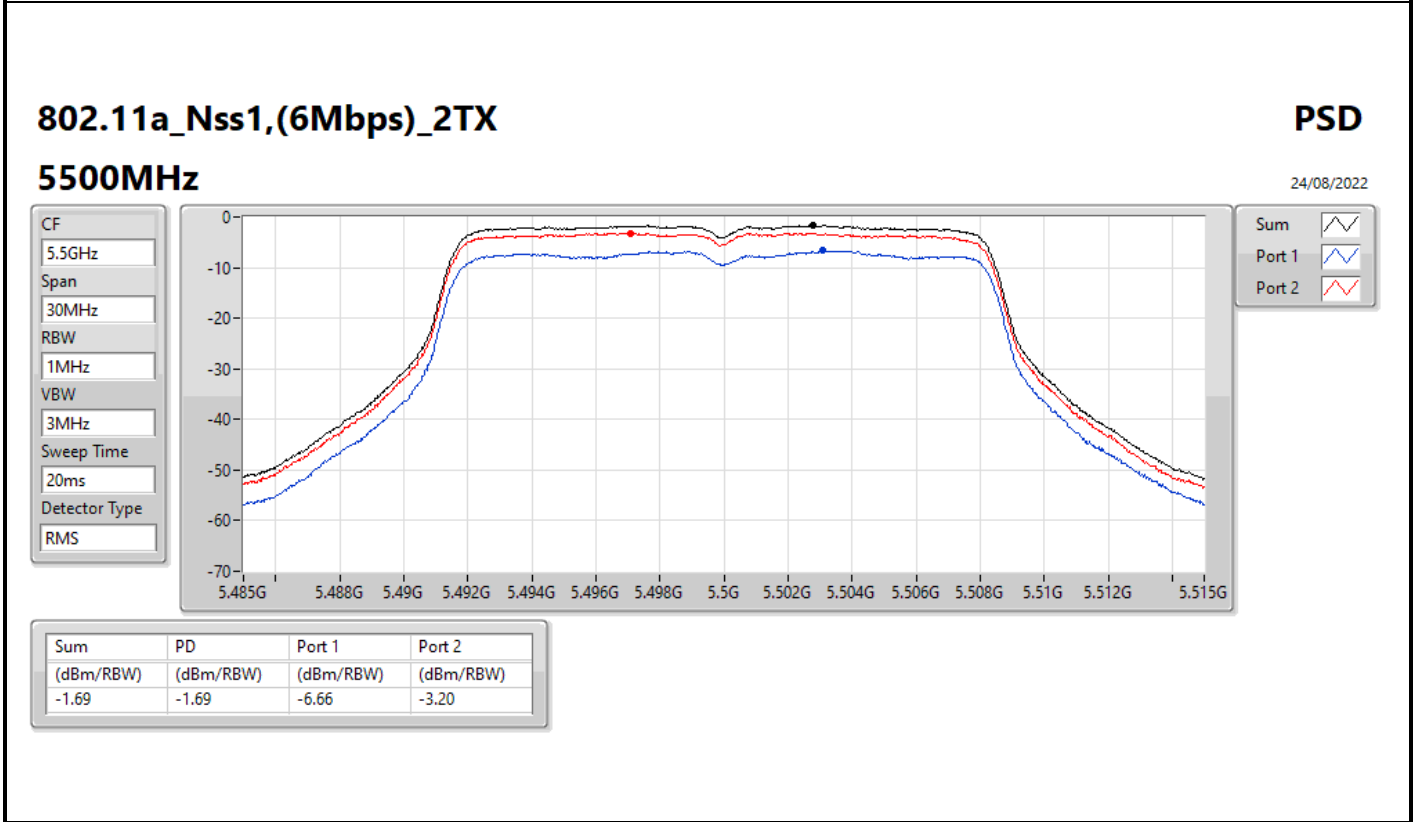
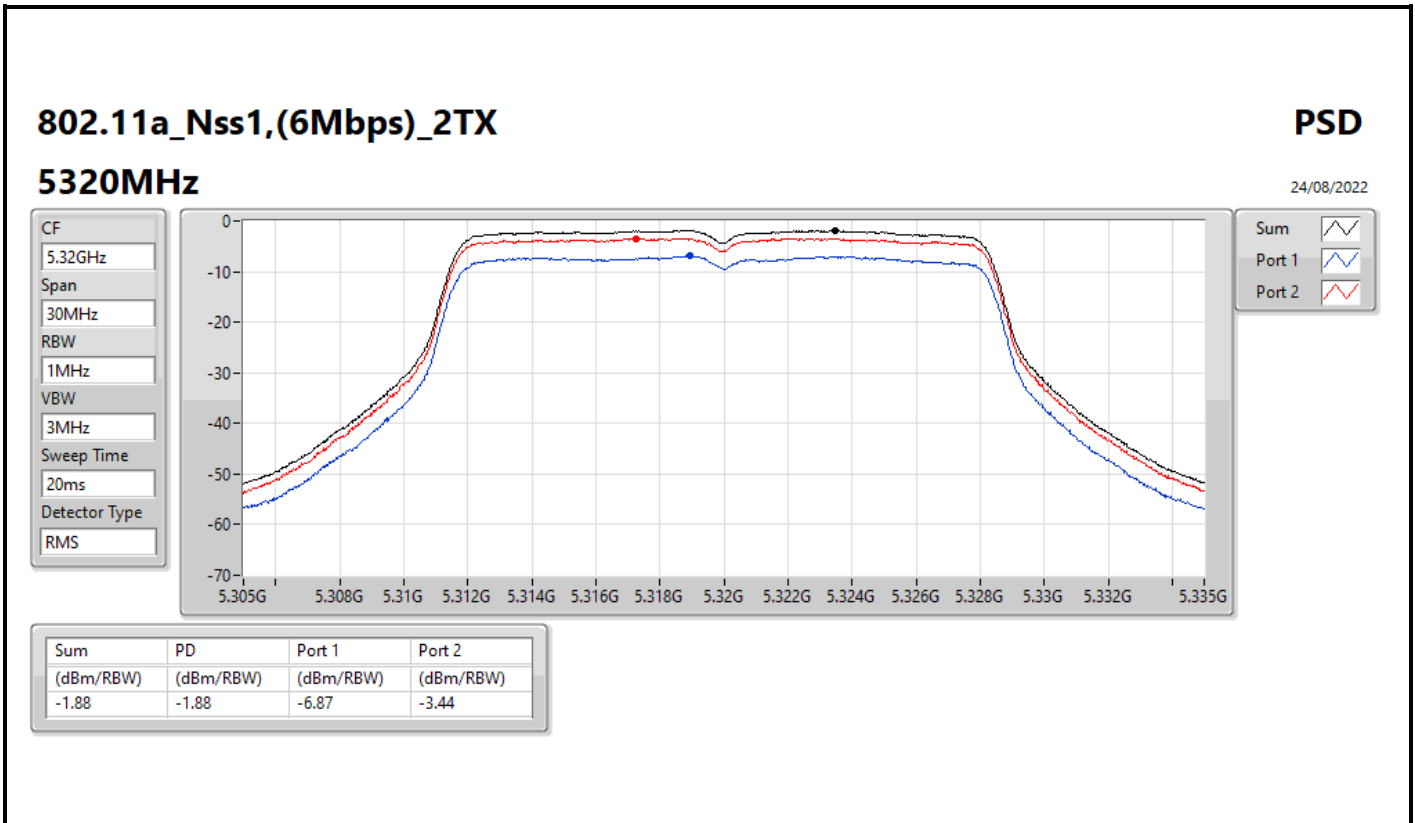
PSD

5300MHz

24/08/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.89	-1.89	-6.72	-3.38

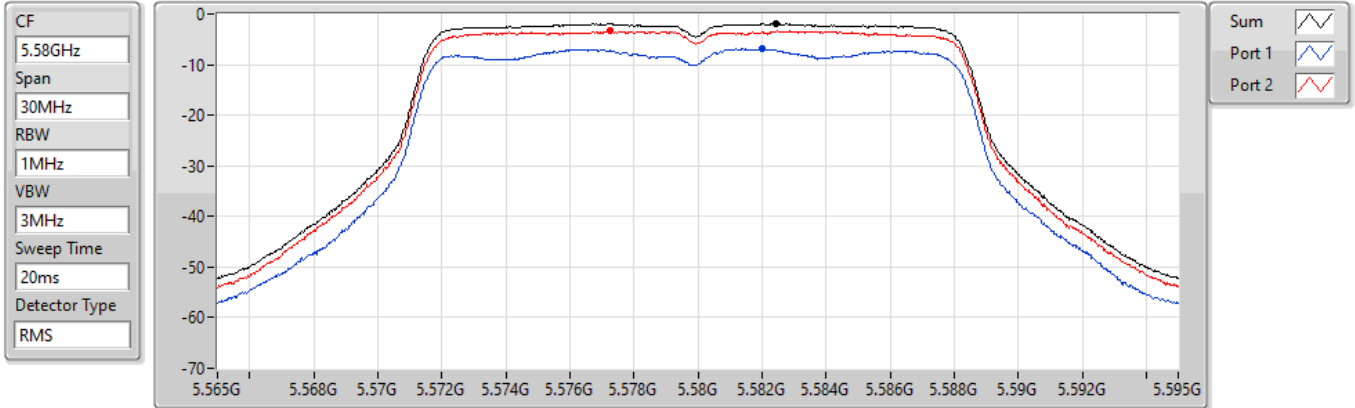


802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

24/08/2022



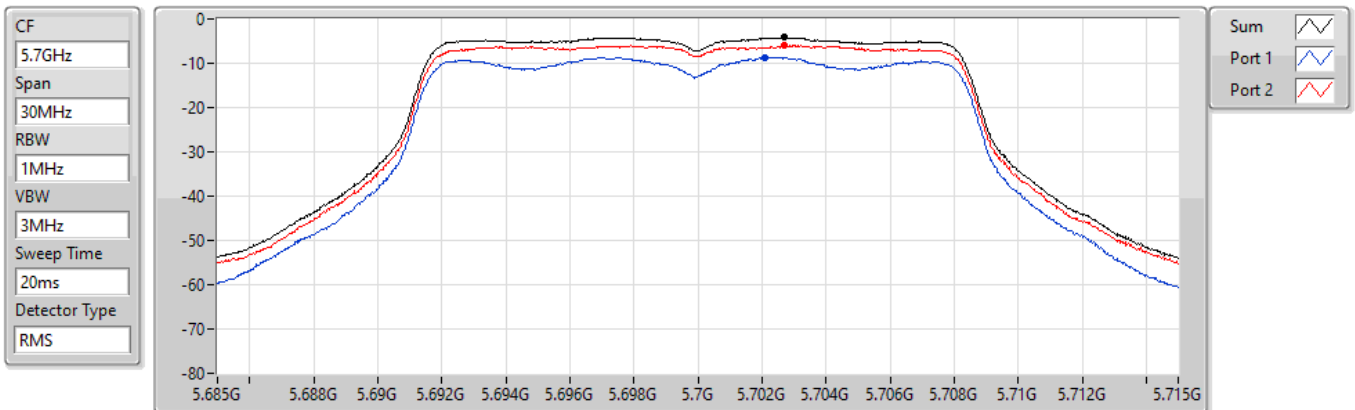
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.89	-1.89	-6.80	-3.34

802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

24/08/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.20	-4.20	-8.65	-6.01

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

24/08/2022



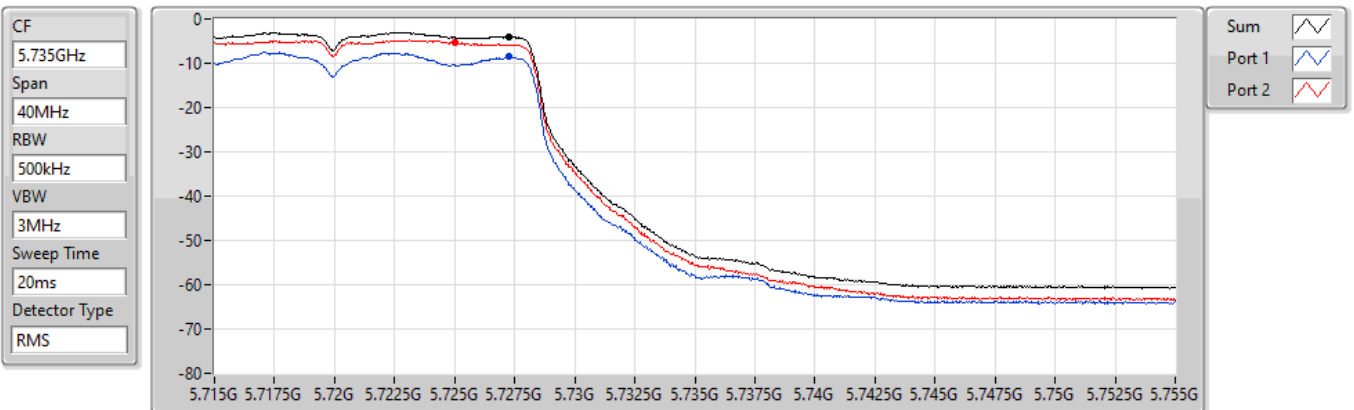
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.81	-1.81	-5.90	-3.64

802.11a_Nss1,(6Mbps)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

24/08/2022



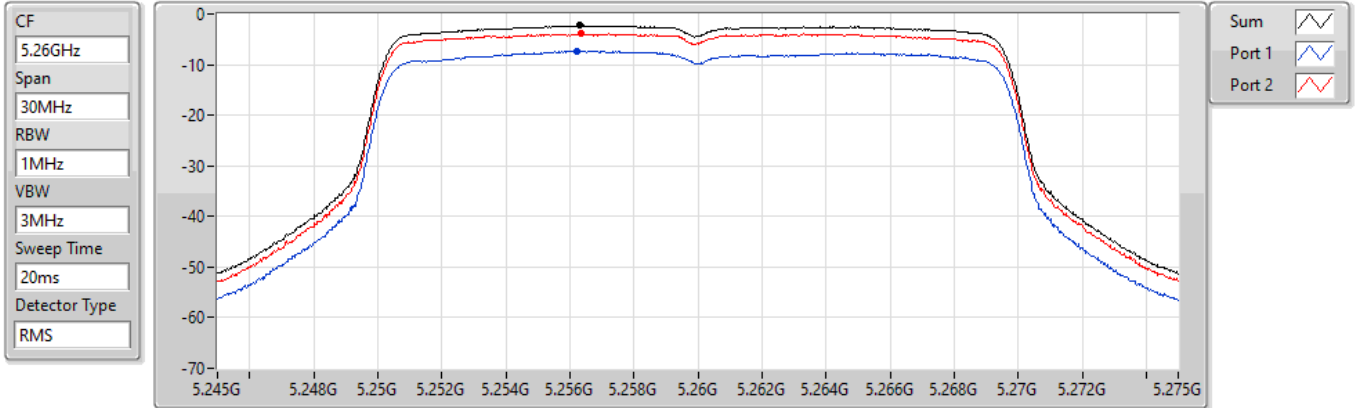
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.98	-3.98	-8.47	-5.37

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5260MHz

24/08/2022

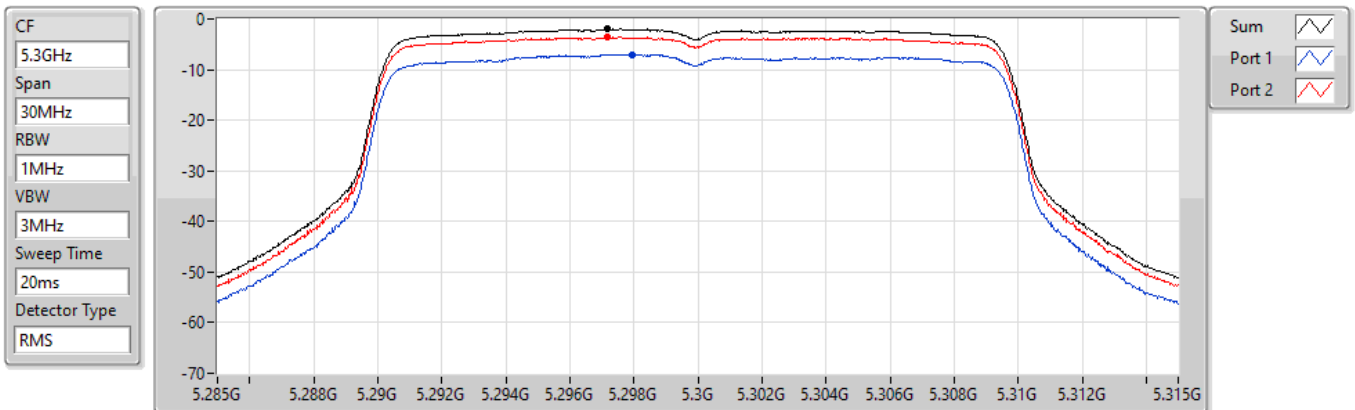


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5300MHz

24/08/2022

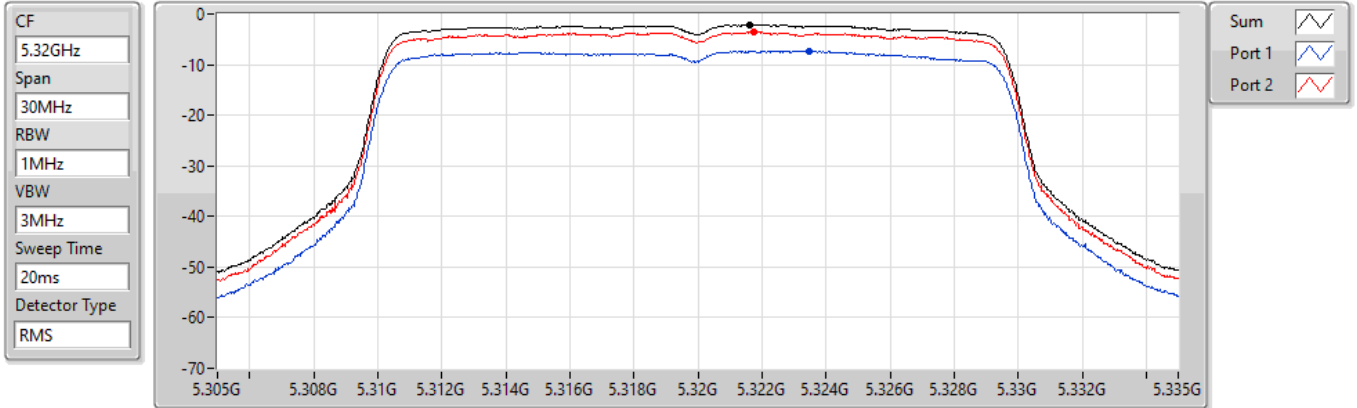


802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5320MHz

24/08/2022



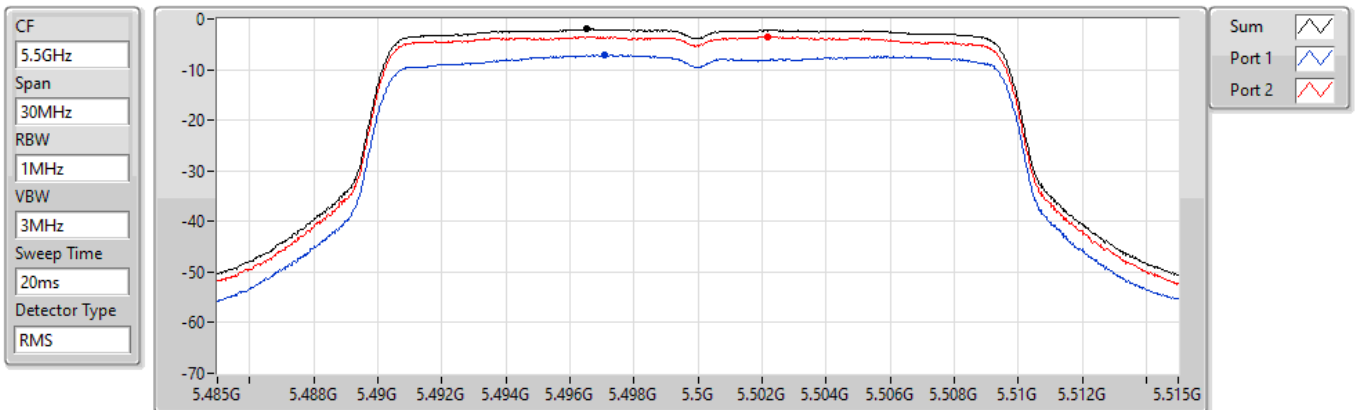
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.09	-2.09	-7.26	-3.59

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5500MHz

24/08/2022



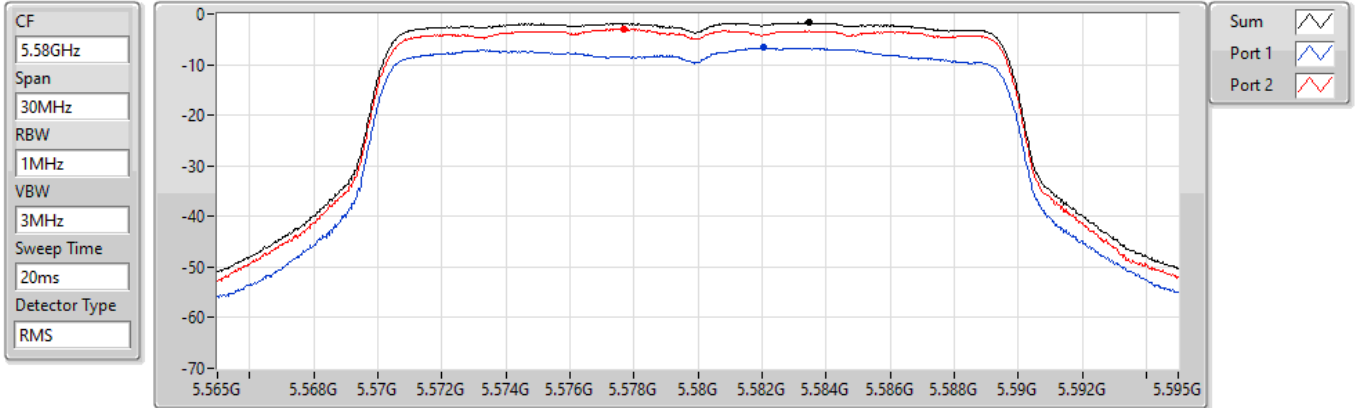
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.00	-2.00	-7.10	-3.44

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5580MHz

24/08/2022



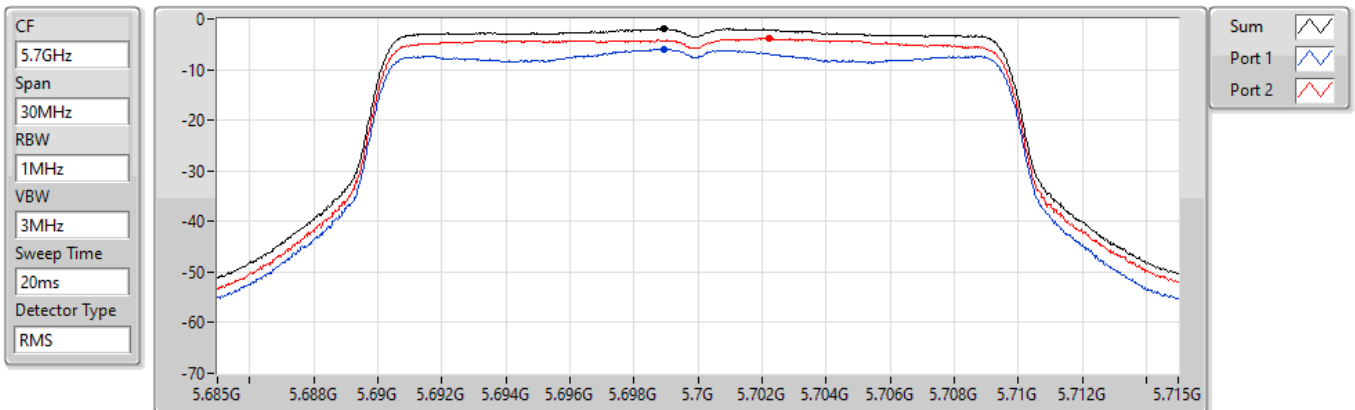
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.74	-1.74	-6.63	-3.03

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5700MHz

24/08/2022



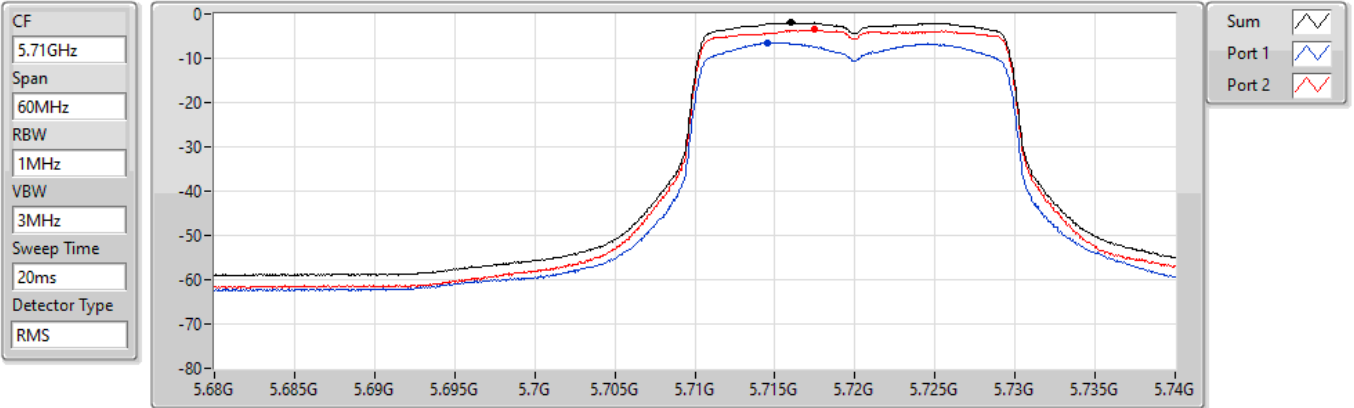
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.98	-1.98	-5.89	-3.85

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.47-5.725GHz

24/08/2022



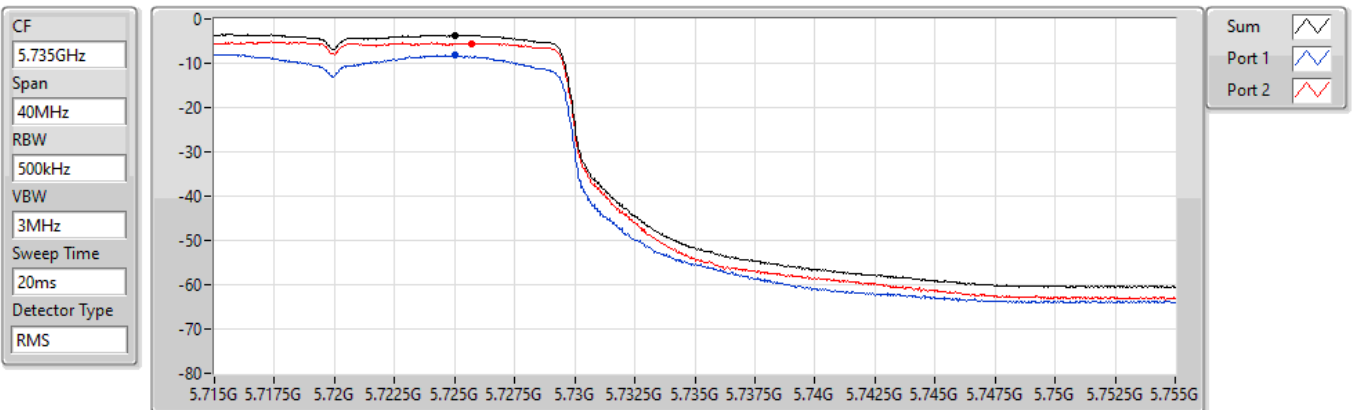
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.96	-1.96	-6.50	-3.49

802.11ax HEW20_Nss1,(MCS0)_2TX

PSD

5720MHz Straddle 5.725-5.85GHz

24/08/2022



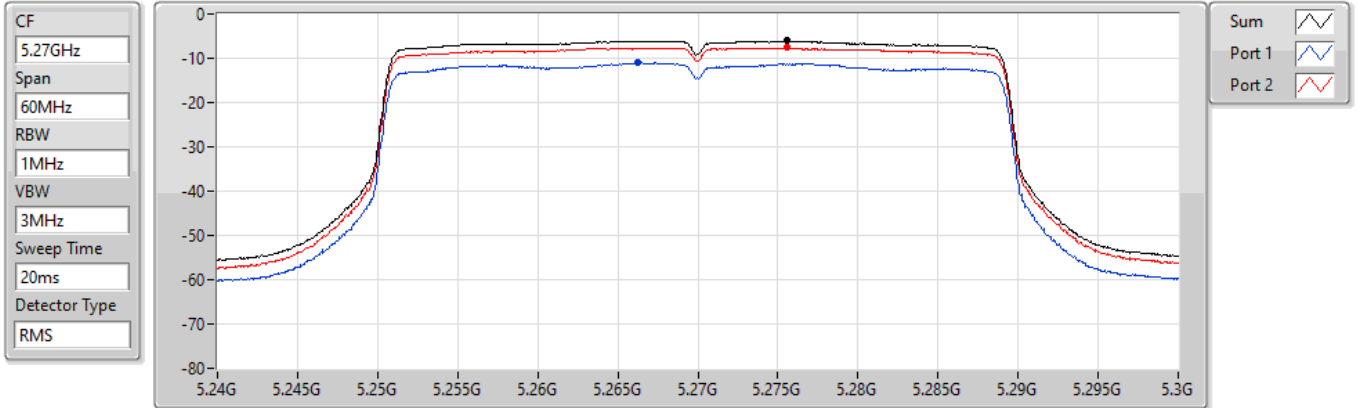
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.71	-3.71	-8.28	-5.47

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5270MHz

24/08/2022

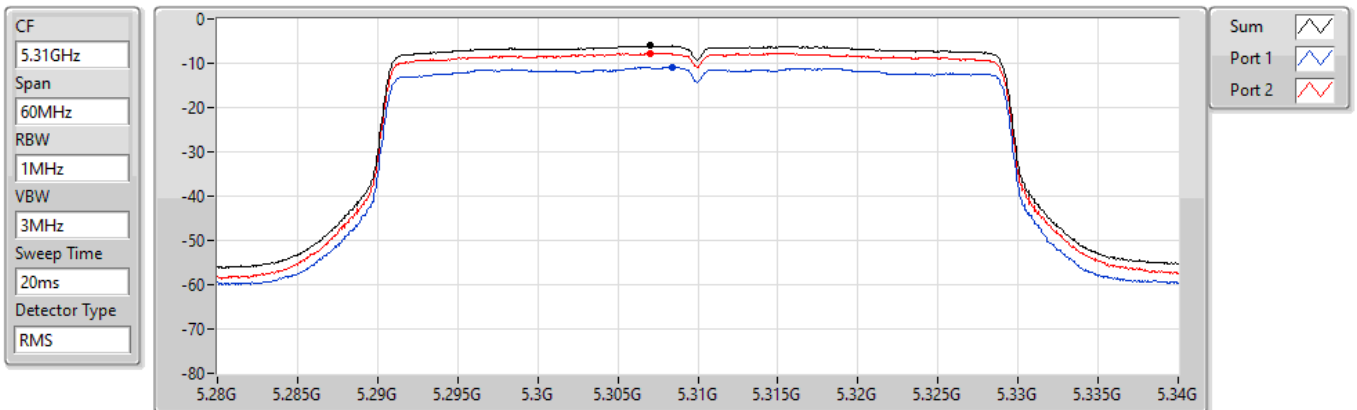


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5310MHz

24/08/2022

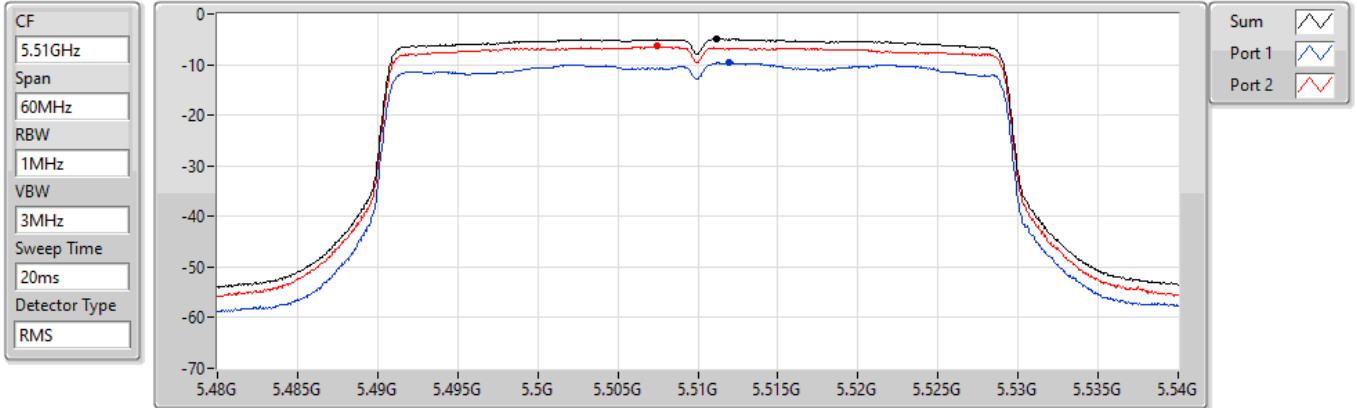


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5510MHz

24/08/2022

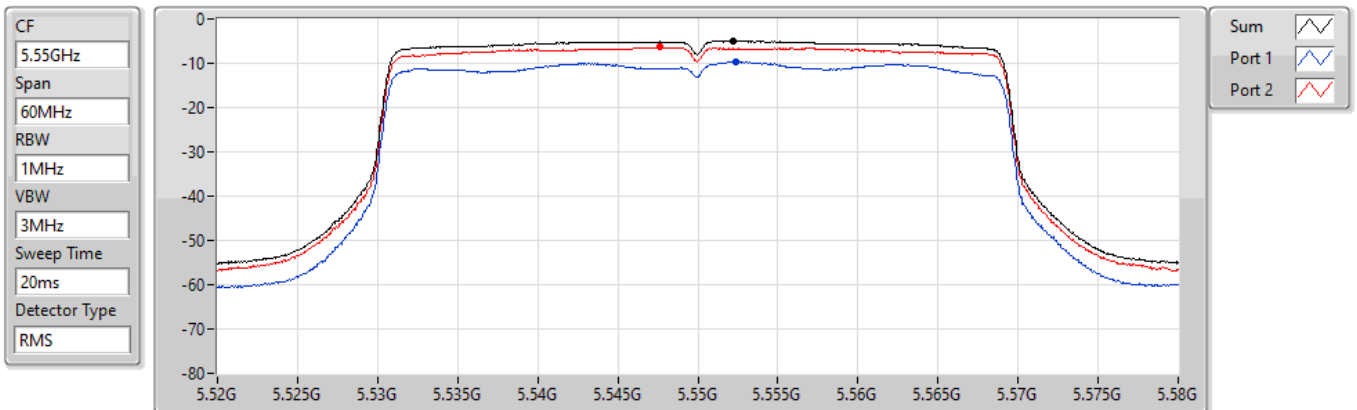


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5550MHz

24/08/2022

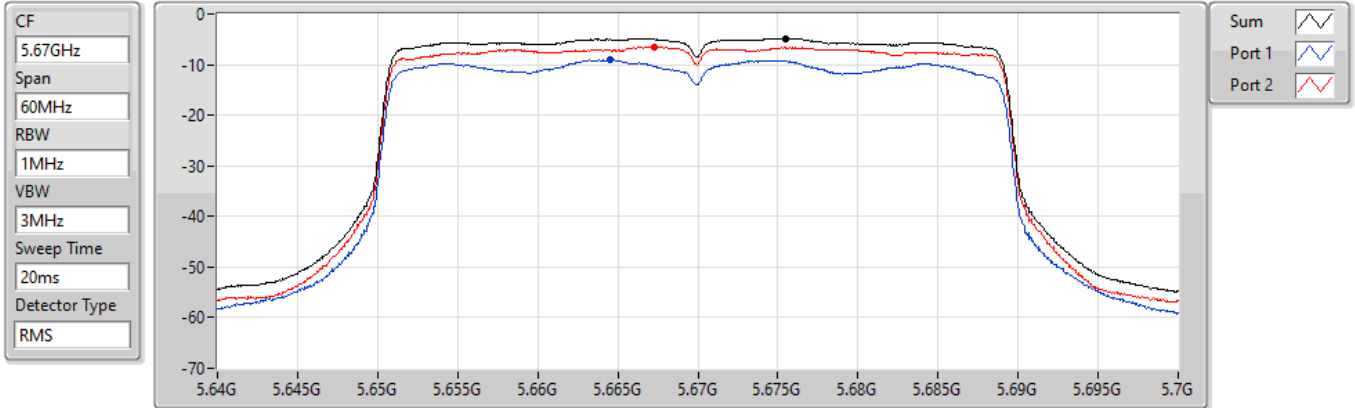


802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5670MHz

24/08/2022



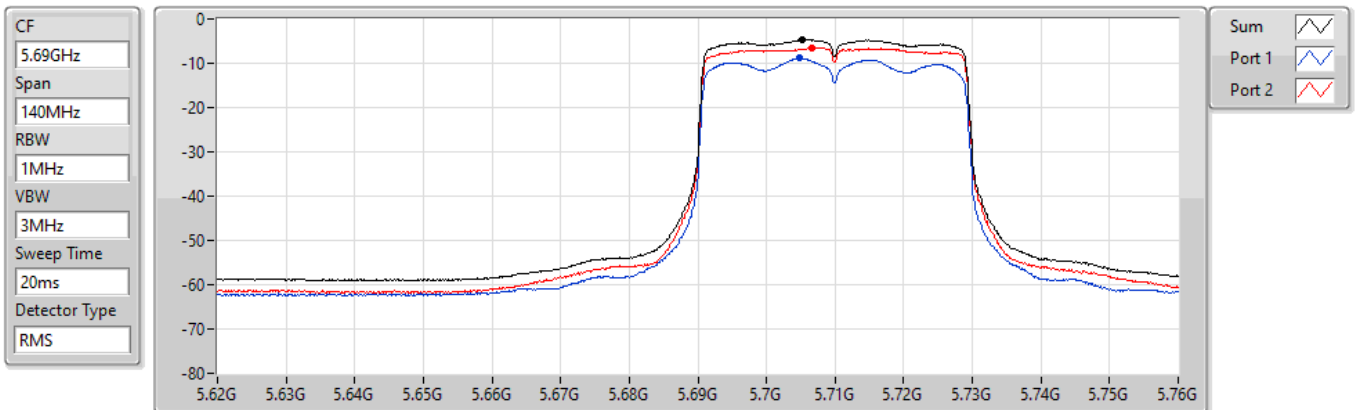
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.79	-4.79	-9.08	-6.48

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.47-5.725GHz

24/08/2022



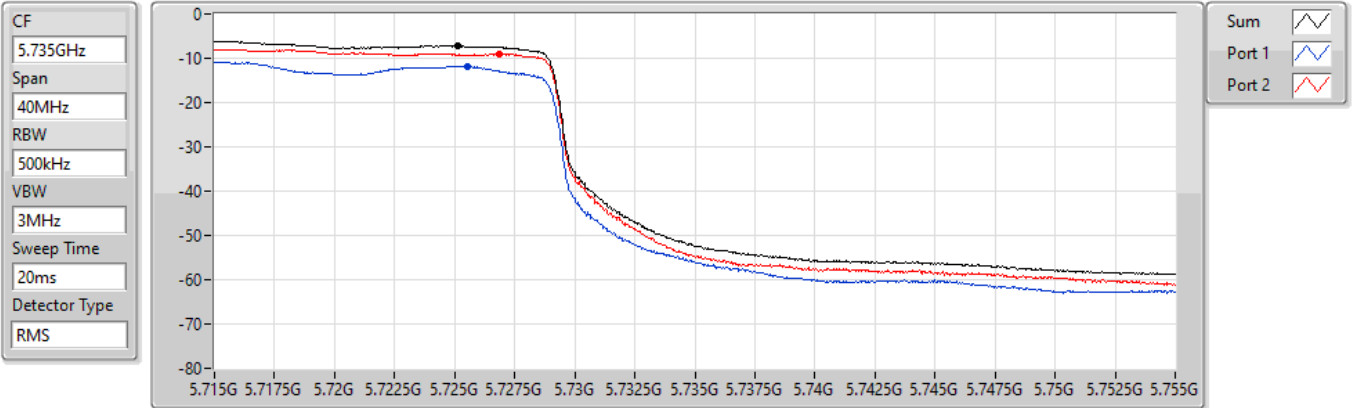
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.69	-4.69	-8.89	-6.51

802.11ax HEW40_Nss1,(MCS0)_2TX

PSD

5710MHz Straddle 5.725-5.85GHz

24/08/2022



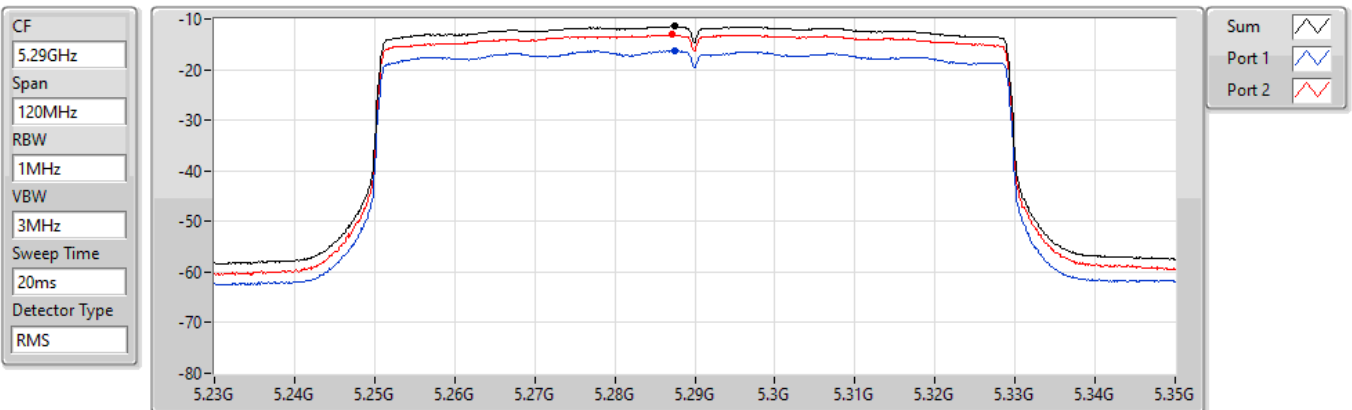
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.31	-7.31	-11.78	-9.04

802.11ax HEW80_Nss1,(MCS0)_2TX

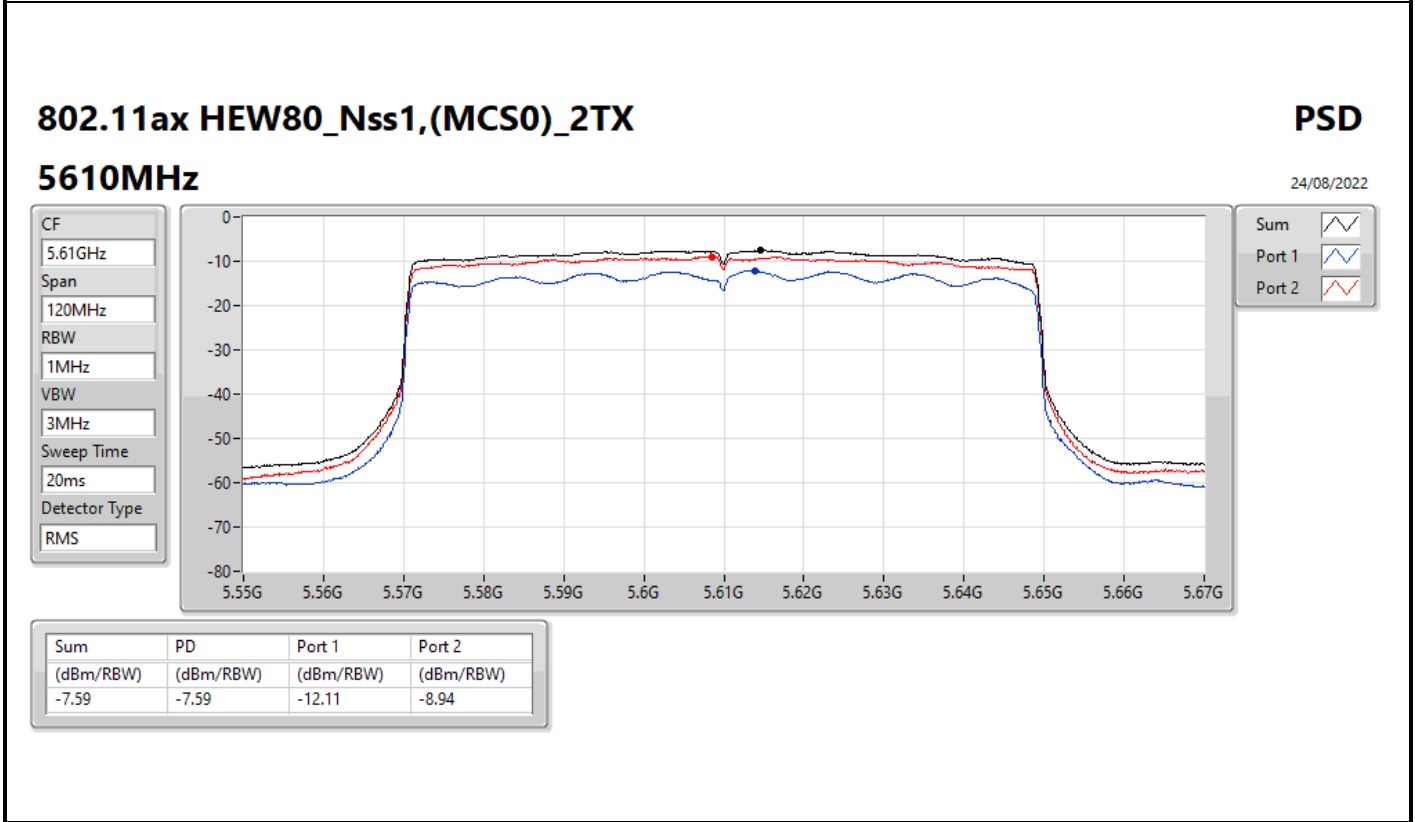
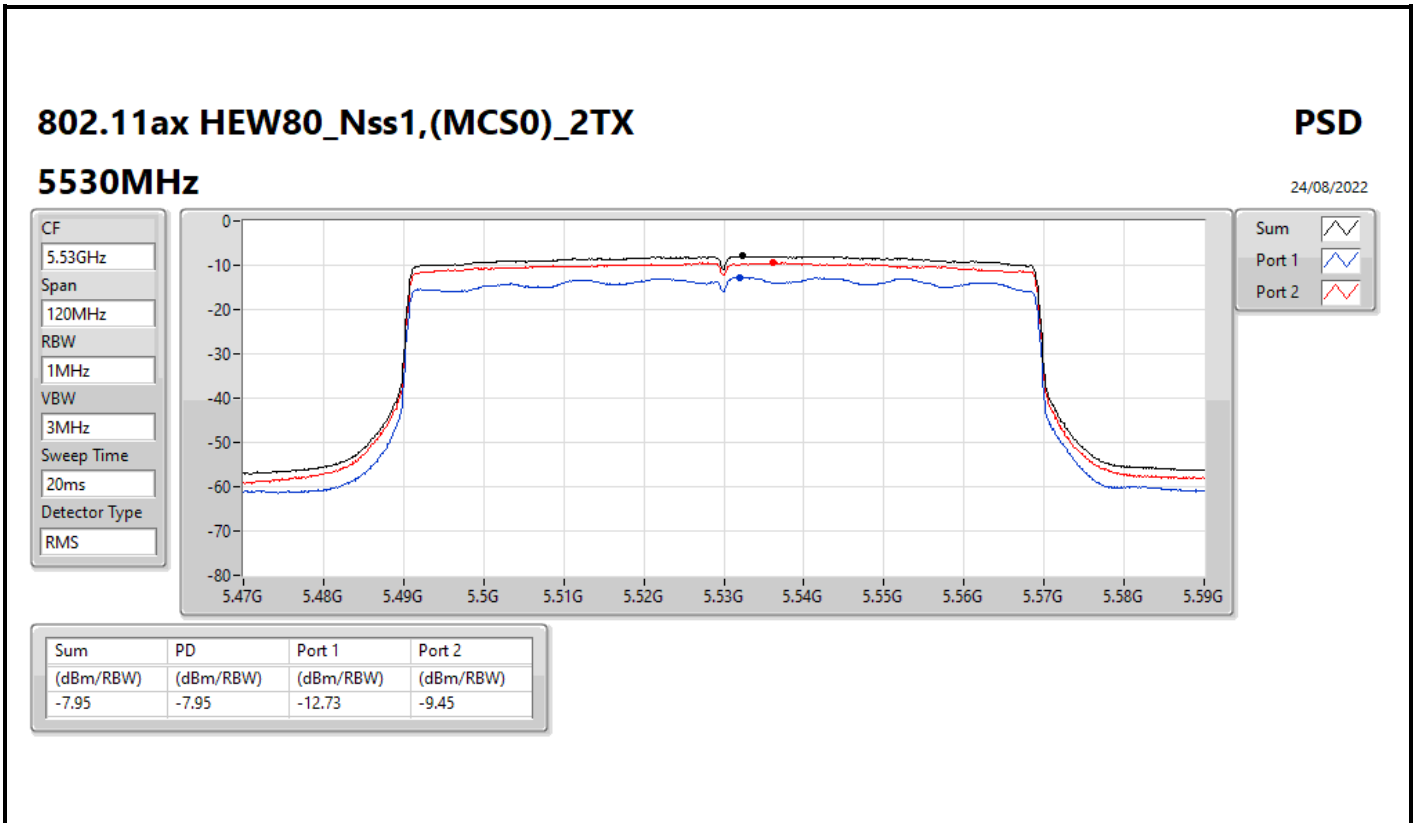
PSD

5290MHz

24/08/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.40	-11.40	-16.21	-13.13

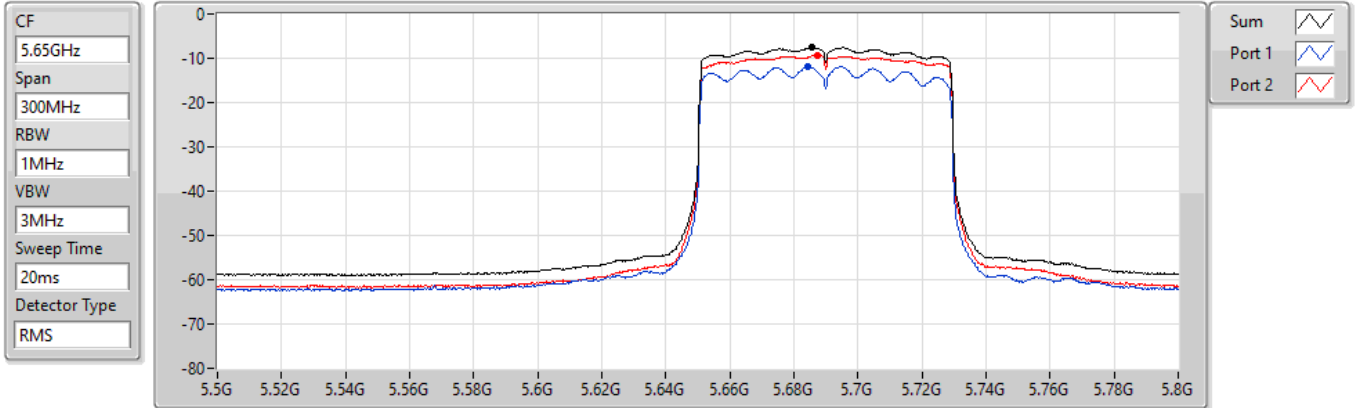


802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.47-5.725GHz

24/08/2022



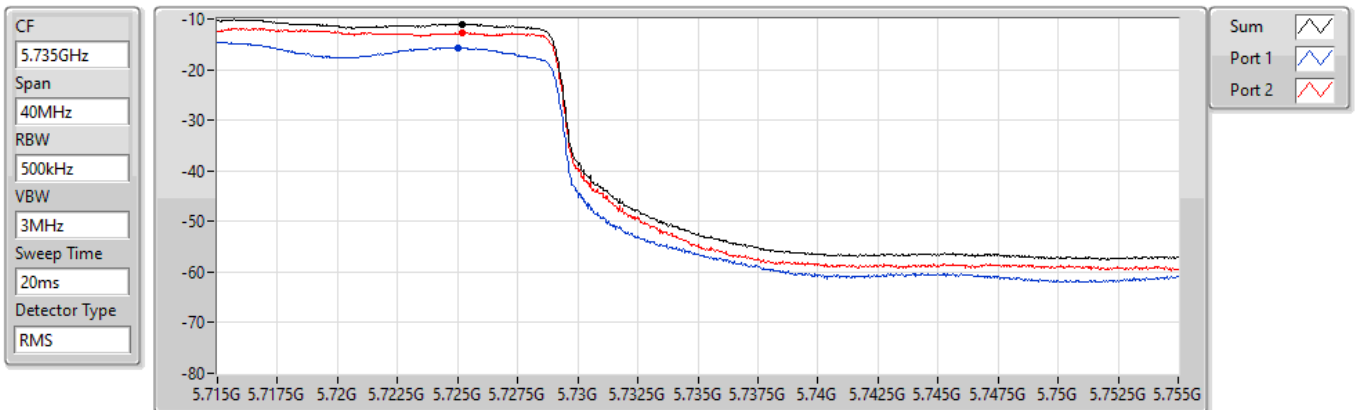
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.55	-7.55	-11.83	-9.37

802.11ax HEW80_Nss1,(MCS0)_2TX

PSD

5690MHz Straddle 5.725-5.85GHz

24/08/2022



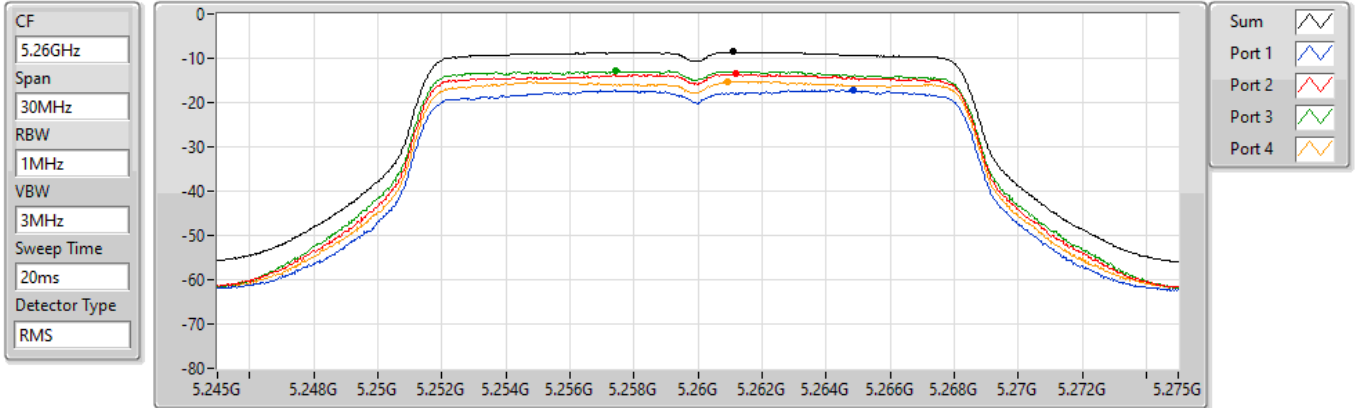
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.03	-11.03	-15.65	-12.82

802.11a_Nss1,(6Mbps)_4TX

PSD

5260MHz

22/08/2022



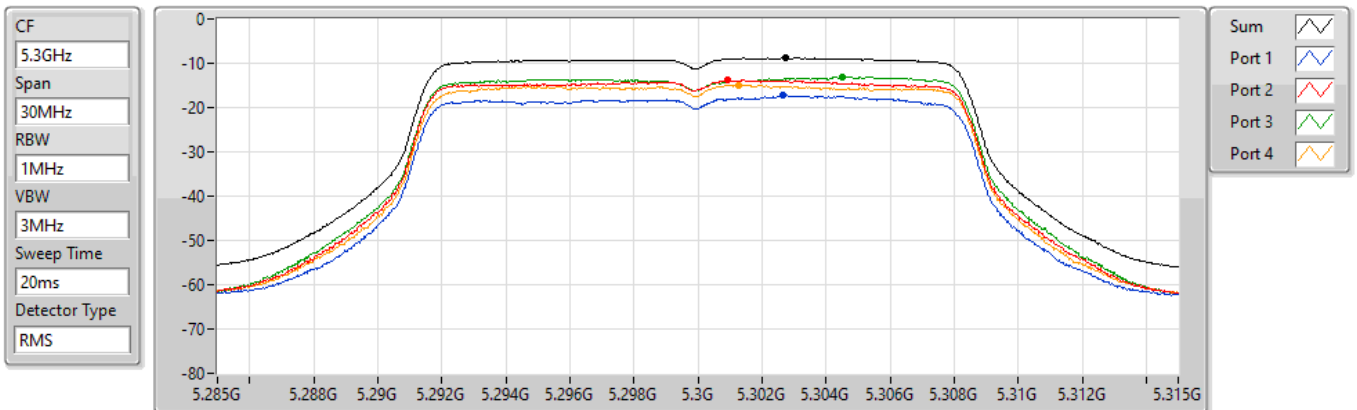
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.58	-8.58	-17.20	-13.54	-12.93	-15.21

802.11a_Nss1,(6Mbps)_4TX

PSD

5300MHz

22/08/2022



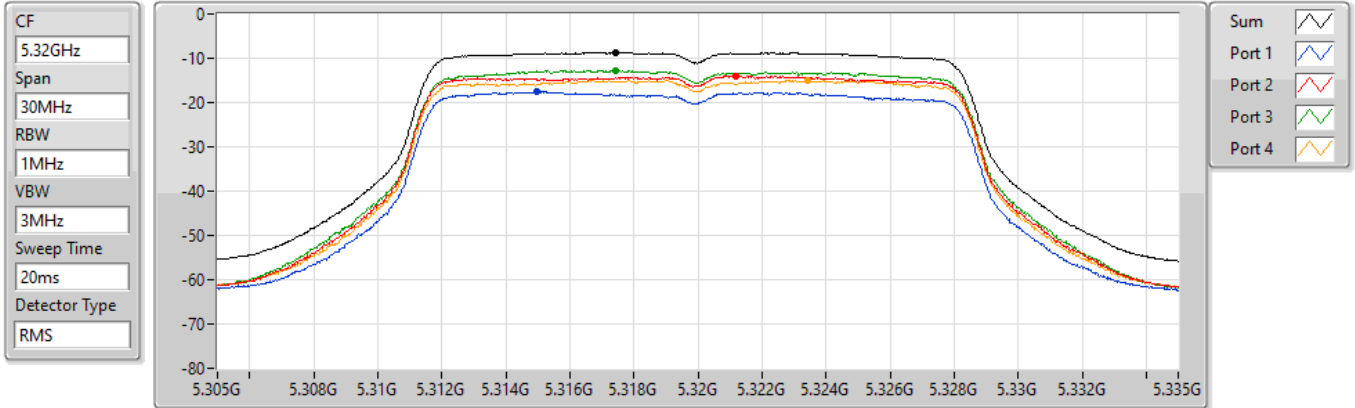
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.82	-8.82	-17.32	-13.76	-13.09	-14.98

802.11a_Nss1,(6Mbps)_4TX

PSD

5320MHz

22/08/2022



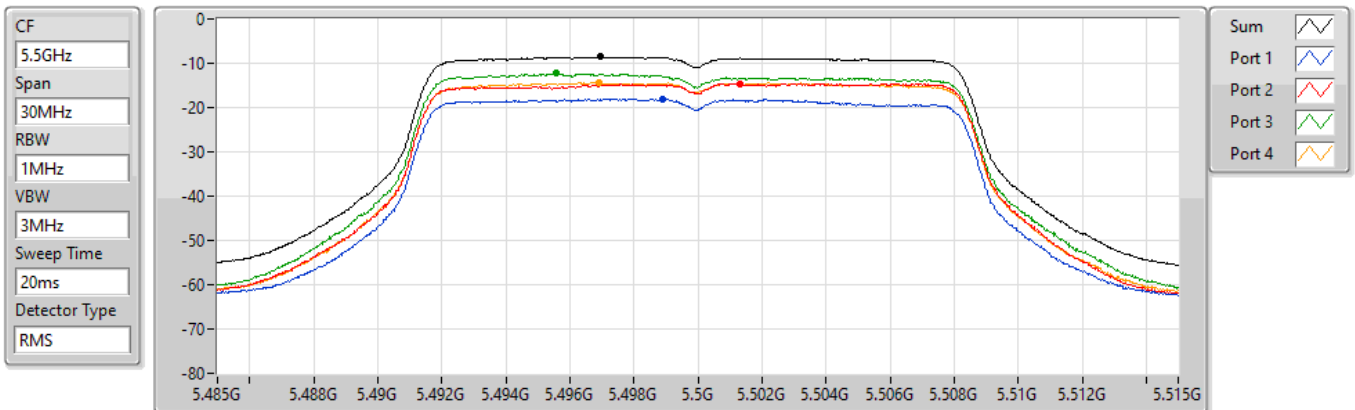
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.76	-8.76	-17.57	-14.00	-12.75	-14.98

802.11a_Nss1,(6Mbps)_4TX

PSD

5500MHz

22/08/2022



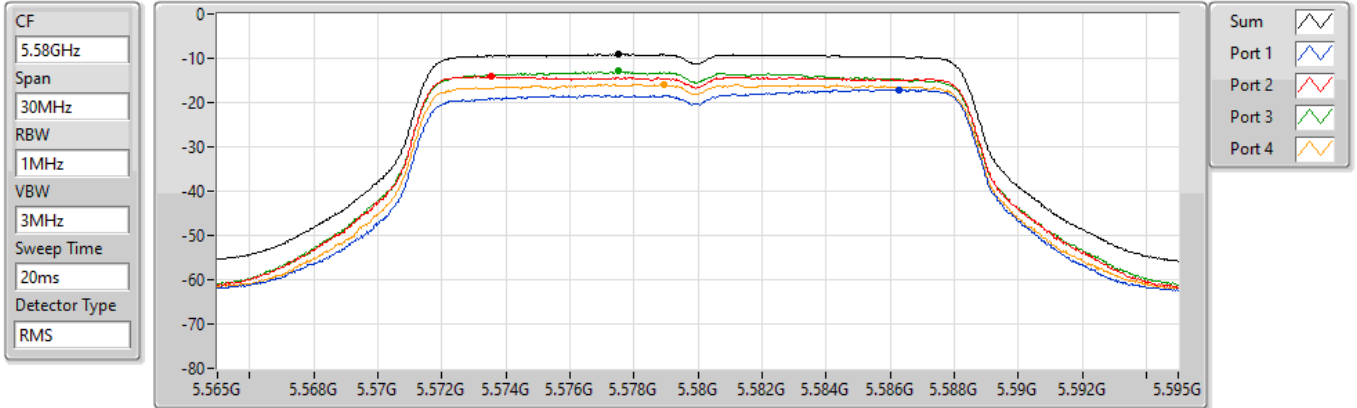
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.57	-8.57	-18.07	-14.58	-12.34	-14.30

802.11a_Nss1,(6Mbps)_4TX

PSD

5580MHz

22/08/2022



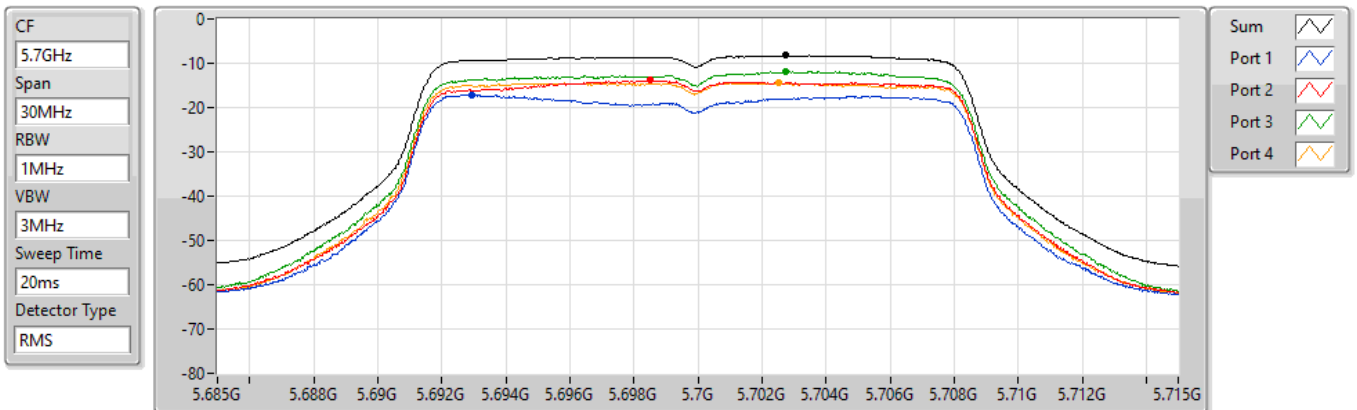
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.08	-9.08	-17.11	-14.12	-12.96	-15.89

802.11a_Nss1,(6Mbps)_4TX

PSD

5700MHz

22/08/2022



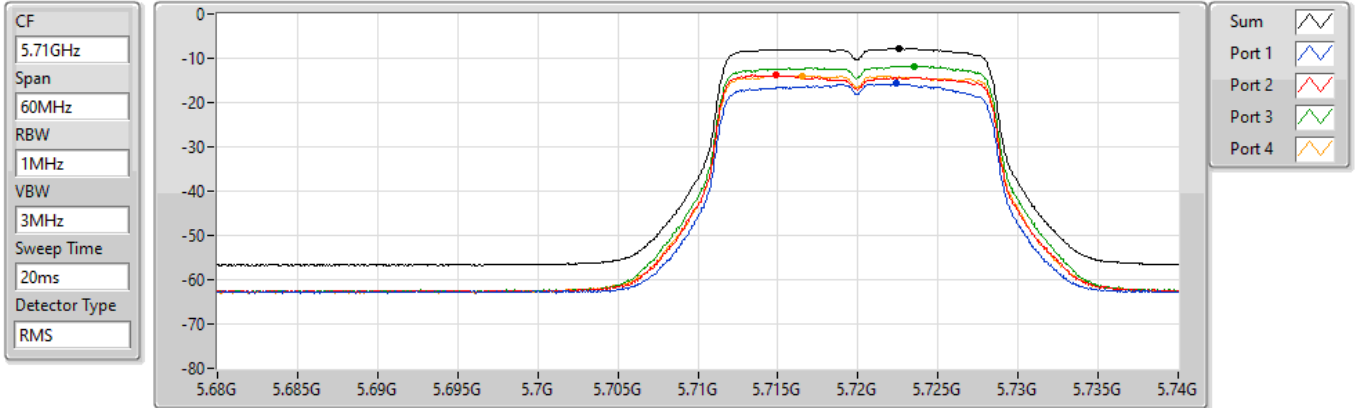
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.22	-8.22	-17.06	-13.86	-11.80	-14.48

802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

22/08/2022



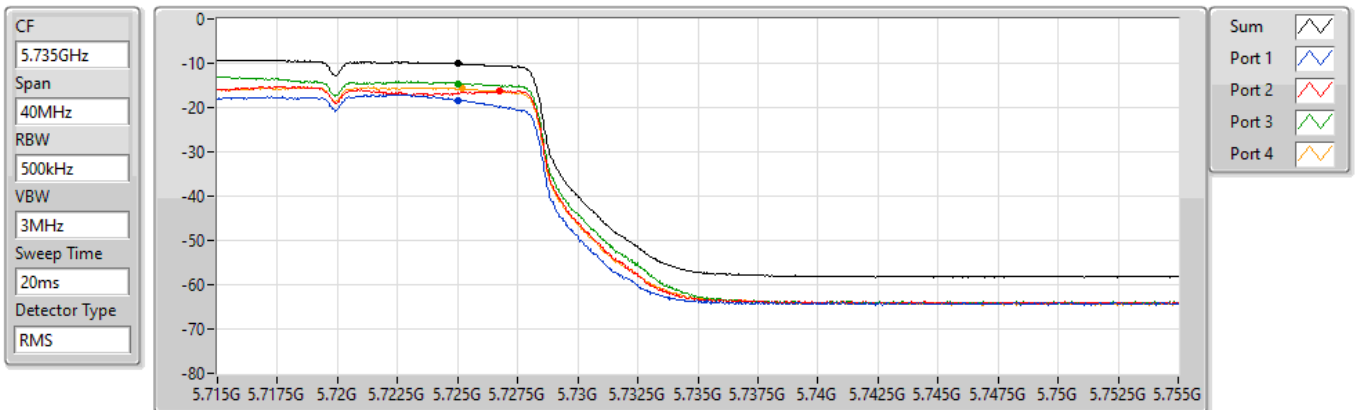
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.83	-7.83	-15.74	-13.85	-11.73	-13.91

802.11a_Nss1,(6Mbps)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

22/08/2022



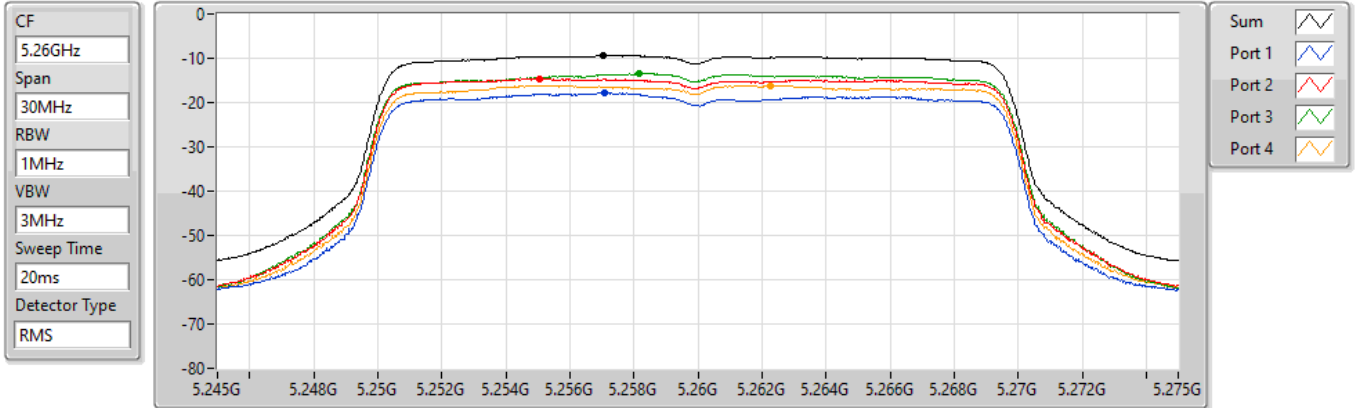
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.13	-10.13	-18.31	-16.15	-14.56	-15.74

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5260MHz

22/08/2022



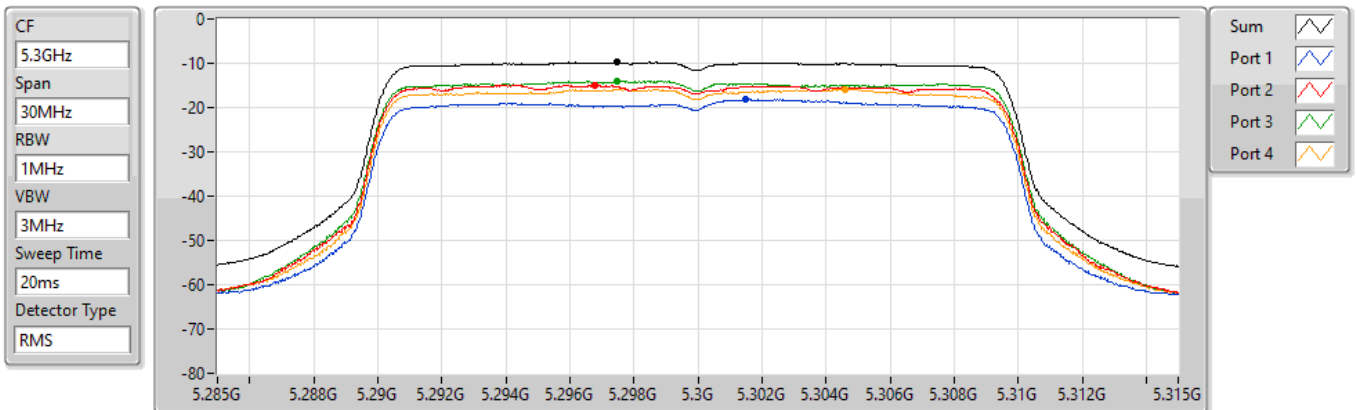
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.39	-9.39	-17.81	-14.70	-13.41	-16.10

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5300MHz

22/08/2022



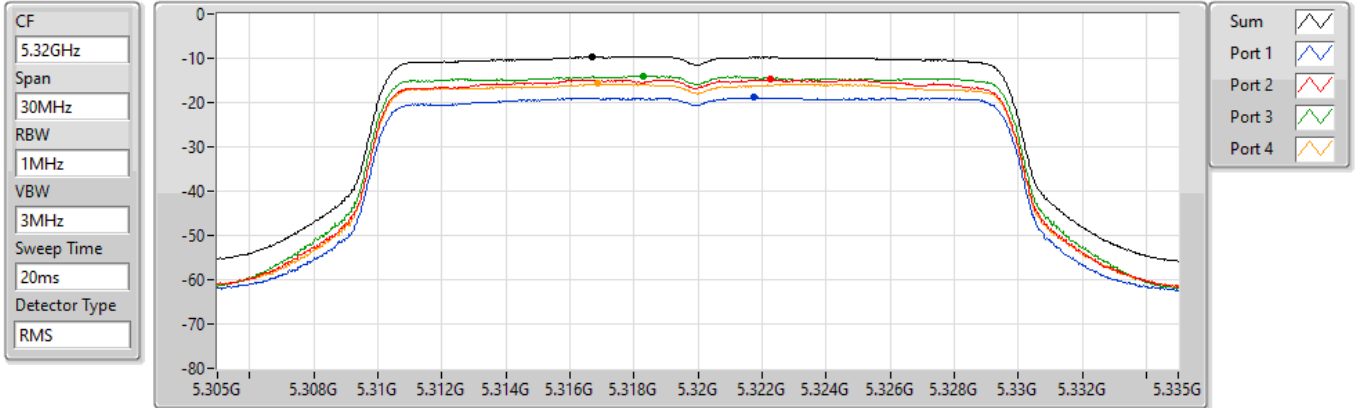
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.77	-9.77	-18.14	-15.05	-14.02	-15.87

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5320MHz

22/08/2022



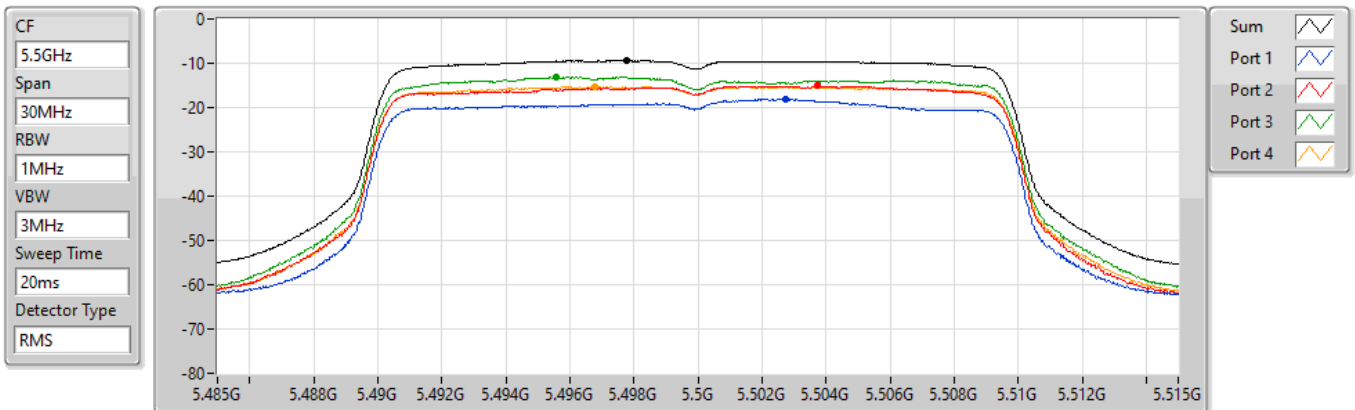
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.67	-9.67	-18.87	-14.83	-13.96	-15.78

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5500MHz

22/08/2022



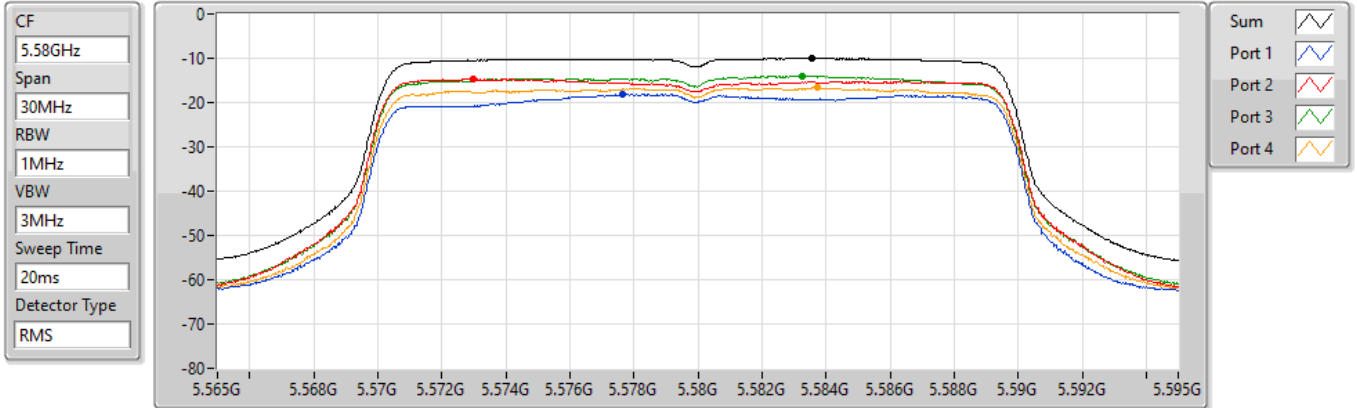
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.41	-9.41	-18.06	-15.10	-13.15	-15.31

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5580MHz

22/08/2022



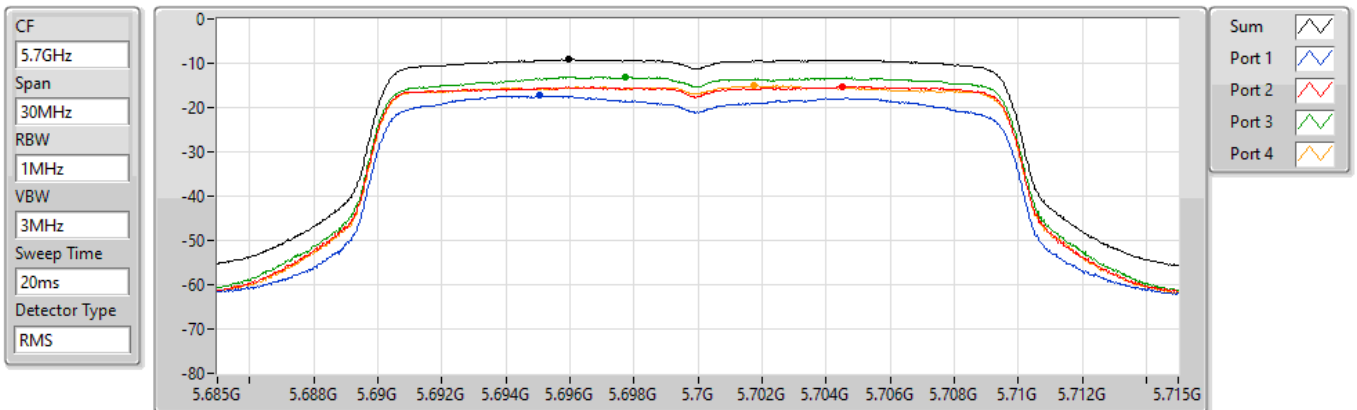
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.93	-9.93	-18.14	-14.63	-13.92	-16.62

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5700MHz

22/08/2022



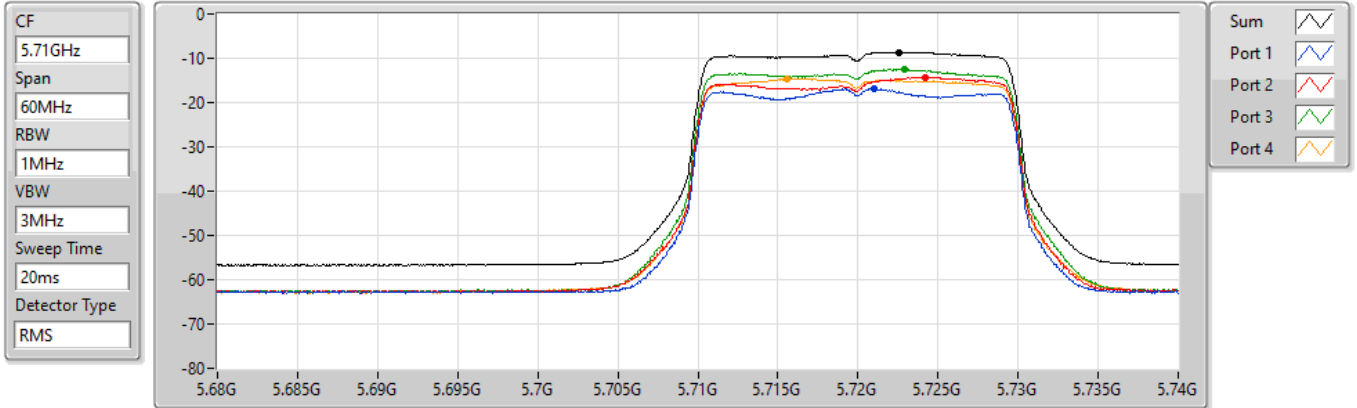
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-9.14	-9.14	-17.31	-15.30	-13.13	-15.10

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.47-5.725GHz

22/08/2022



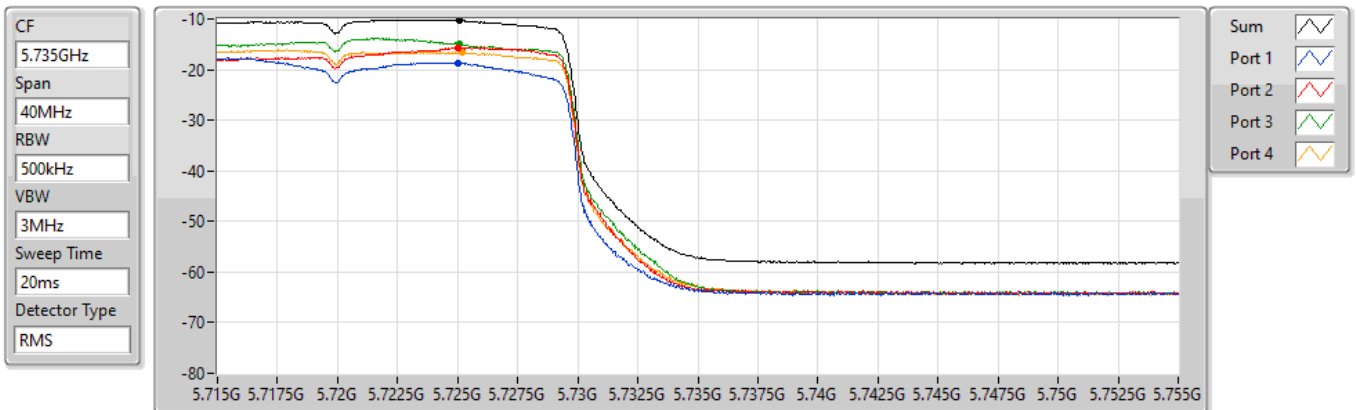
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-8.61	-8.61	-16.89	-14.33	-12.50	-14.61

802.11ax HEW20_Nss1,(MCS0)_4TX

PSD

5720MHz Straddle 5.725-5.85GHz

22/08/2022



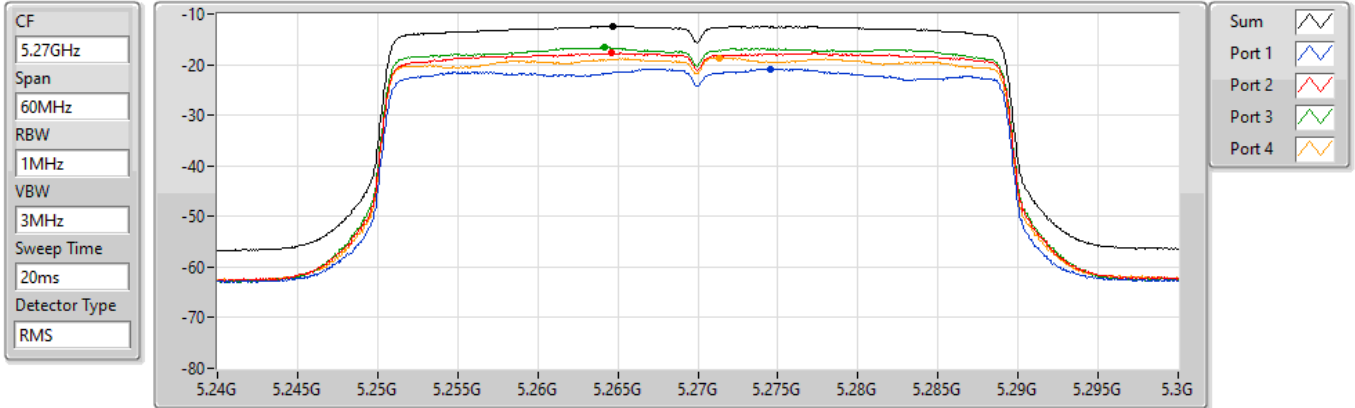
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.27	-10.27	-18.74	-15.72	-14.83	-16.67

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5270MHz

22/08/2022



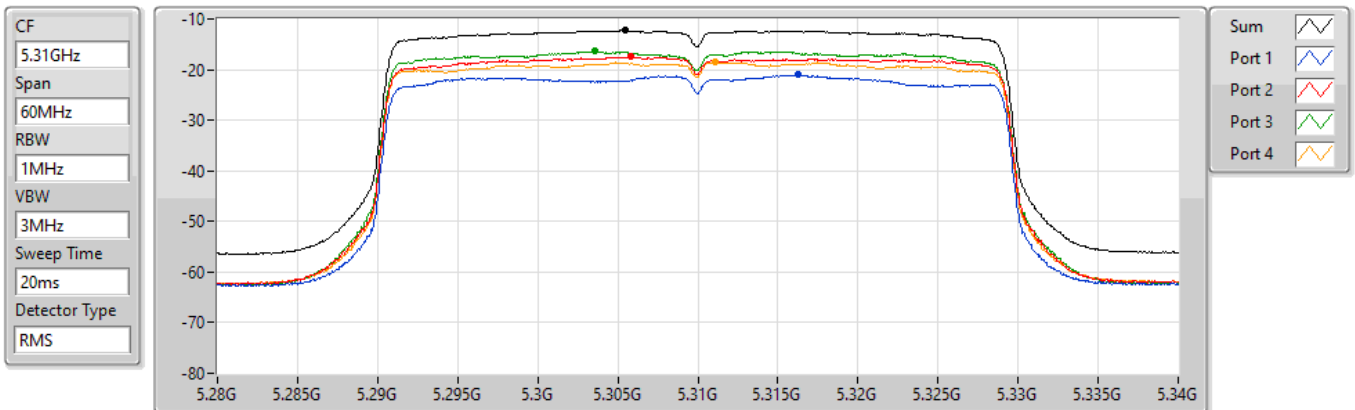
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.41	-12.41	-20.81	-17.68	-16.65	-18.64

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5310MHz

22/08/2022



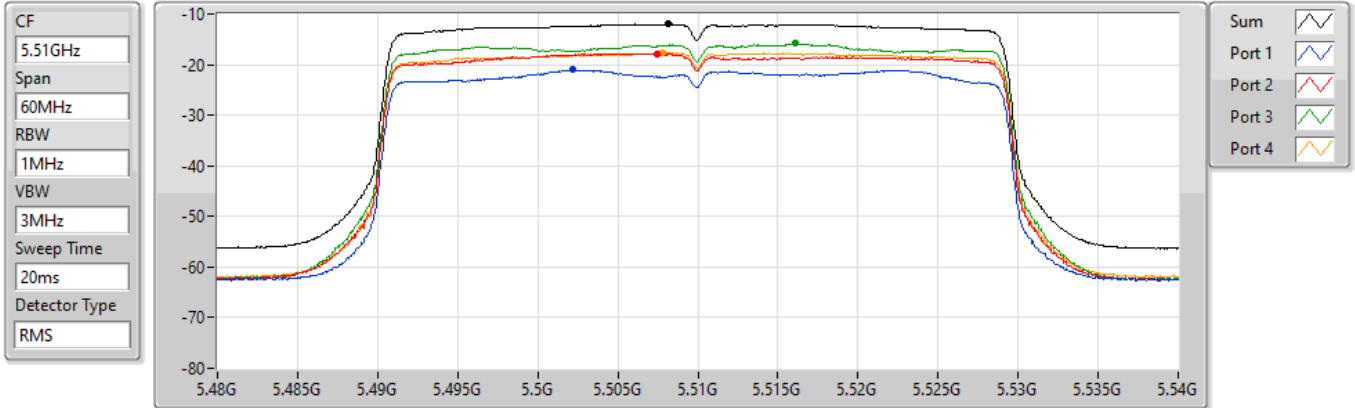
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.29	-12.29	-21.07	-17.51	-16.39	-18.54

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5510MHz

22/08/2022



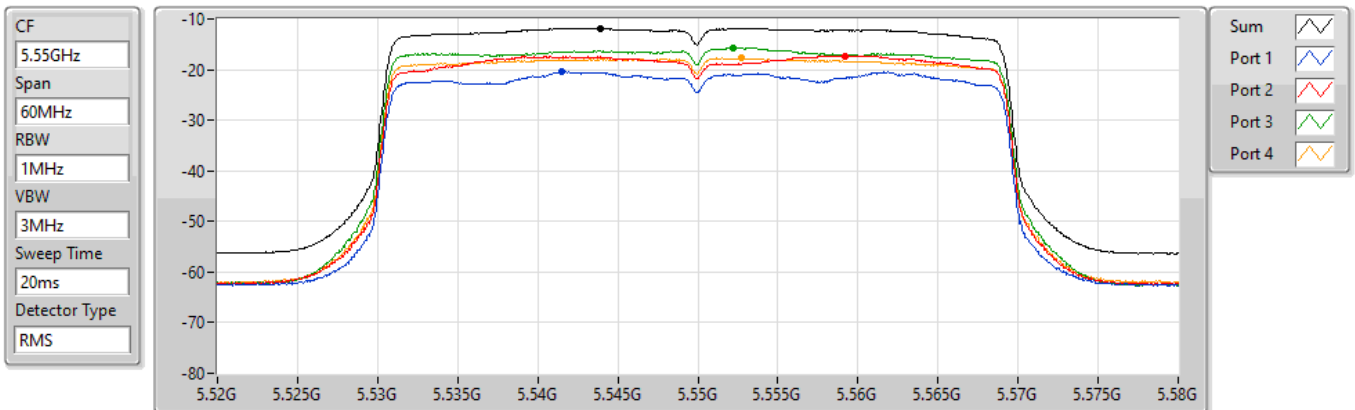
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.04	-12.04	-21.03	-17.80	-15.82	-17.65

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5550MHz

22/08/2022



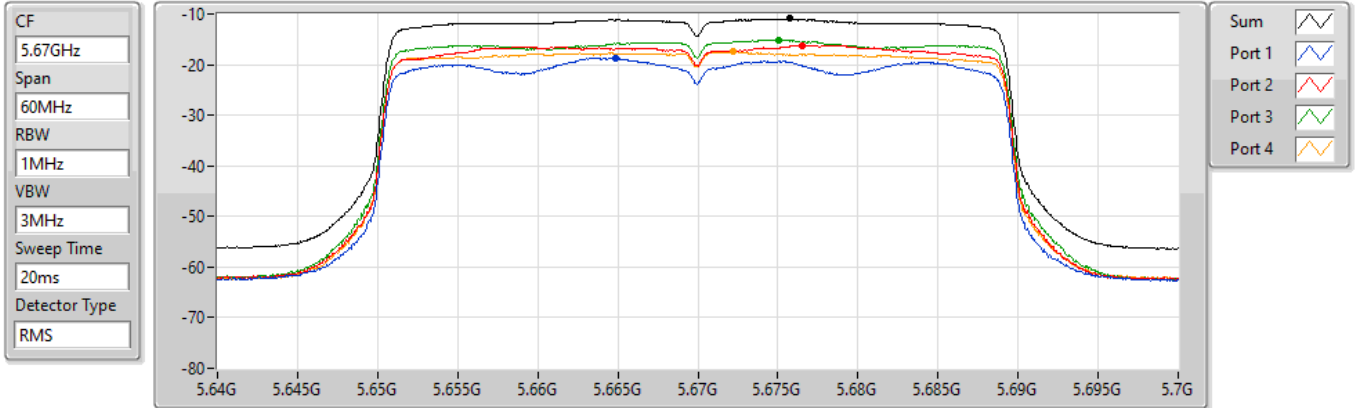
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.85	-11.85	-20.44	-17.29	-15.69	-17.69

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5670MHz

22/08/2022



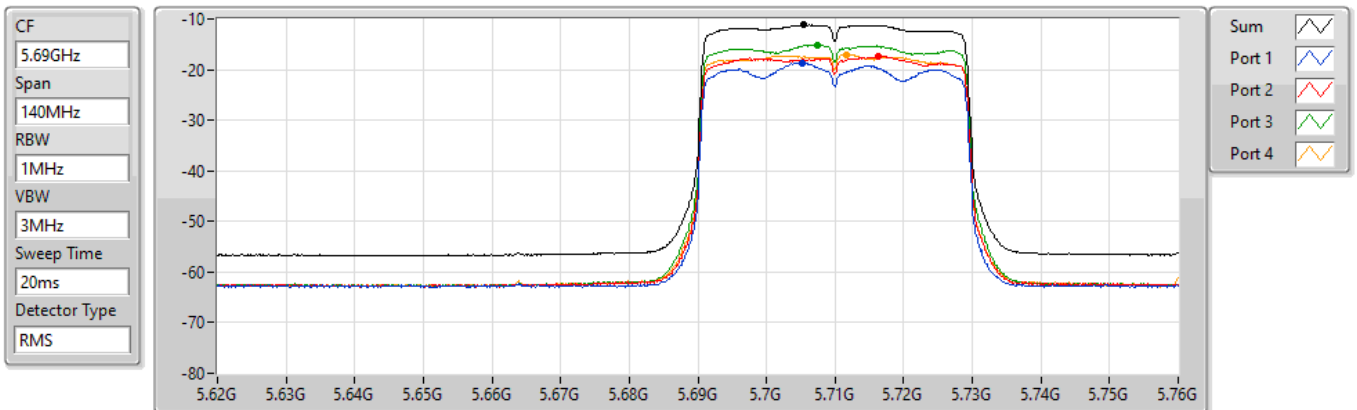
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-10.95	-10.95	-18.71	-16.18	-15.07	-17.36

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.47-5.725GHz

22/08/2022



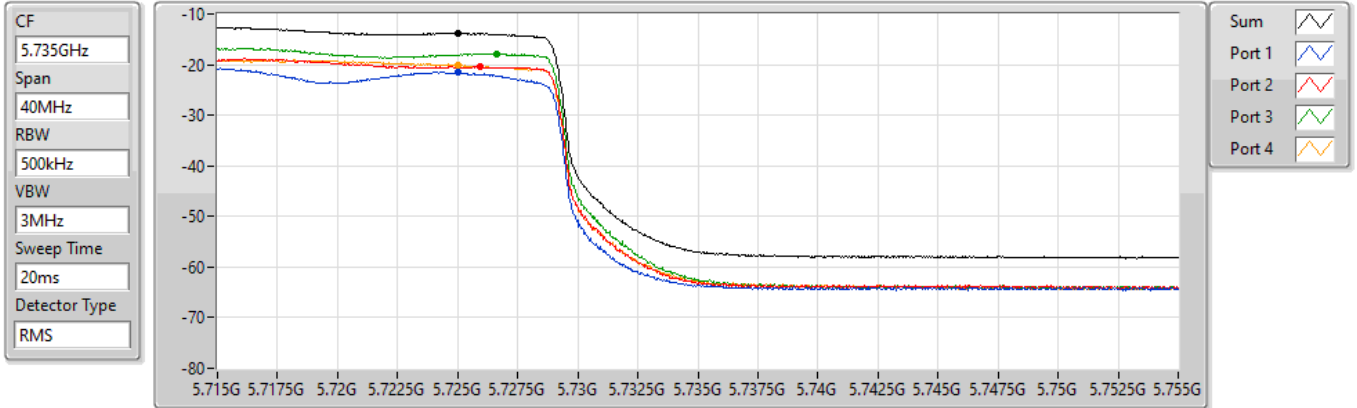
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.17	-11.17	-18.62	-17.29	-15.10	-16.99

802.11ax HEW40_Nss1,(MCS0)_4TX

PSD

5710MHz Straddle 5.725-5.85GHz

22/08/2022



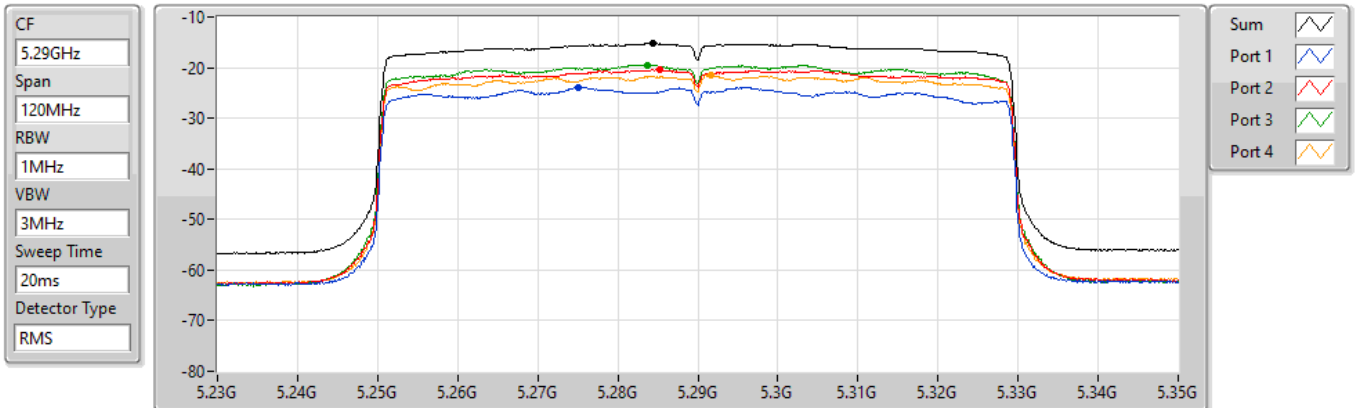
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-13.87	-13.87	-21.60	-20.39	-17.81	-20.13

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5290MHz

22/08/2022



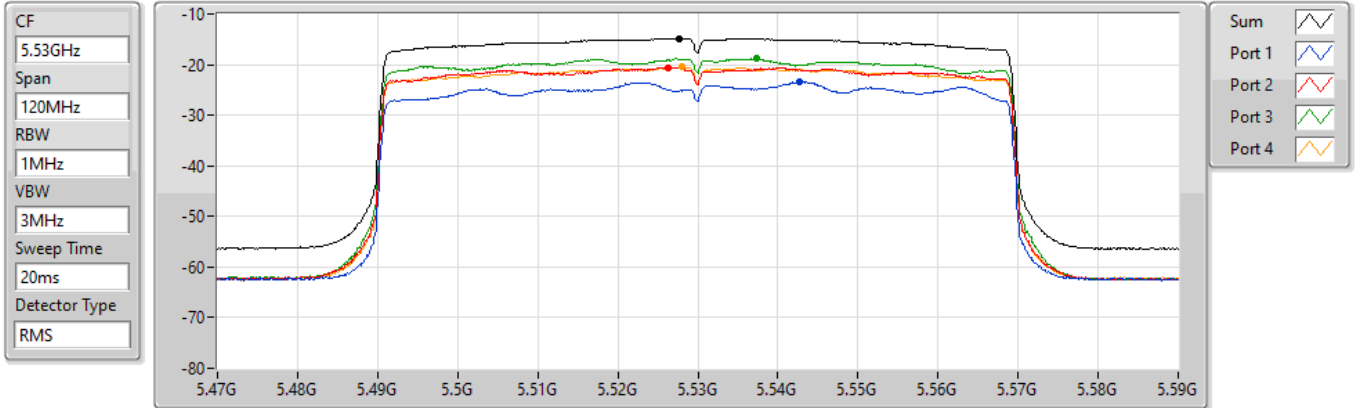
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-15.22	-15.22	-23.88	-20.49	-19.46	-21.58

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5530MHz

22/08/2022



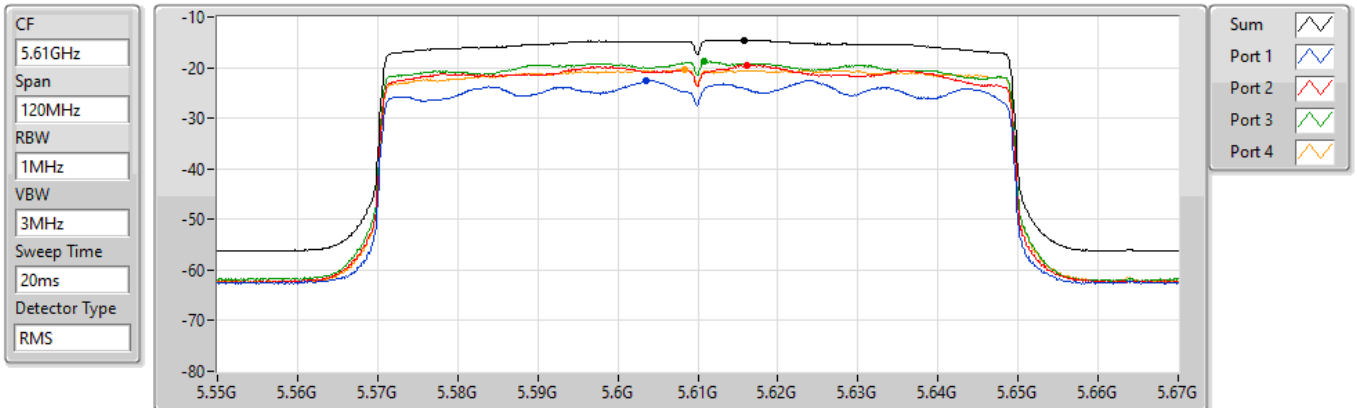
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.80	-14.80	-23.38	-20.58	-18.77	-20.47

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5610MHz

22/08/2022



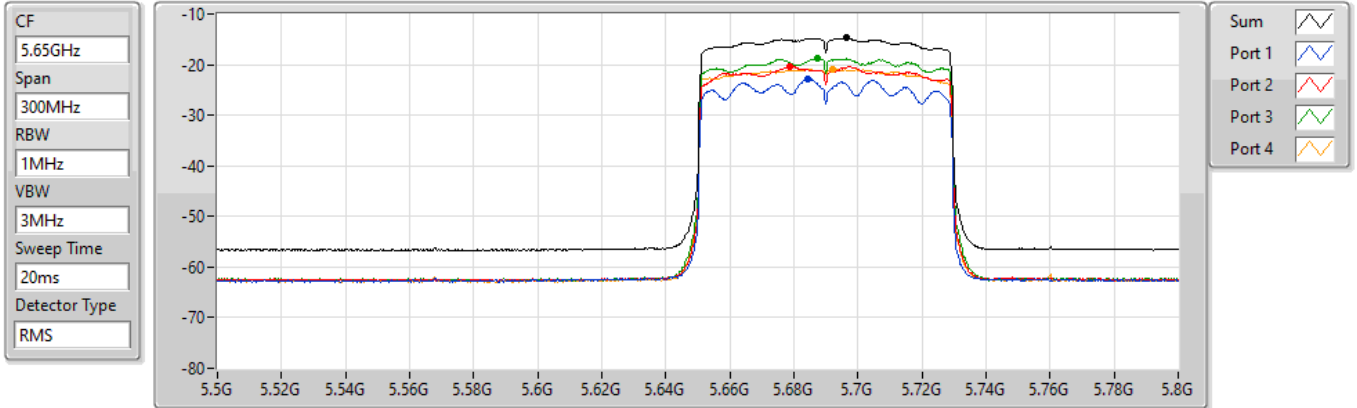
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.53	-14.53	-22.52	-19.55	-18.81	-20.44

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.47-5.725GHz

22/08/2022



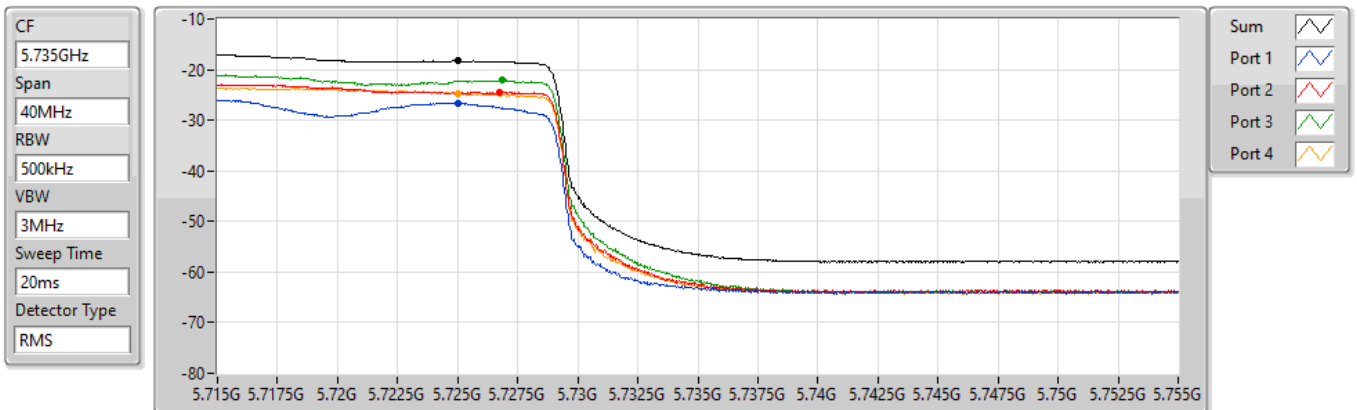
Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-14.74	-14.74	-22.86	-20.33	-18.73	-20.88

802.11ax HEW80_Nss1,(MCS0)_4TX

PSD

5690MHz Straddle 5.725-5.85GHz

22/08/2022



Sum	PD	Port 1	Port 2	Port 3	Port 4
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-18.26	-18.26	-26.67	-24.45	-22.08	-24.68



Summary

Mode	PD (dBm/RBW)
5.25-5.35GHz	-
802.11a_Nss1,(6Mbps)_1TX	-2.20
802.11ax HEW20_Nss1,(MCS0)_1TX	-1.83
802.11ax HEW40_Nss1,(MCS0)_1TX	-5.34
802.11ax HEW80_Nss1,(MCS0)_1TX	-12.95
802.11a_Nss1,(6Mbps)_2TX	-1.88
802.11ax HEW20_Nss1,(MCS0)_2TX	-1.99
802.11ax HEW40_Nss1,(MCS0)_2TX	-6.07
802.11ax HEW80_Nss1,(MCS0)_2TX	-11.40
802.11a_Nss1,(6Mbps)_4TX	-8.58
802.11ax HEW20_Nss1,(MCS0)_4TX	-9.39
802.11ax HEW40_Nss1,(MCS0)_4TX	-12.29
802.11ax HEW80_Nss1,(MCS0)_4TX	-15.22
5.47-5.725GHz	-
802.11a_Nss1,(6Mbps)_1TX	-1.73
802.11ax HEW20_Nss1,(MCS0)_1TX	-1.58
802.11ax HEW40_Nss1,(MCS0)_1TX	-4.79
802.11ax HEW80_Nss1,(MCS0)_1TX	-7.67
802.11a_Nss1,(6Mbps)_2TX	-1.69
802.11ax HEW20_Nss1,(MCS0)_2TX	-1.74
802.11ax HEW40_Nss1,(MCS0)_2TX	-4.69
802.11ax HEW80_Nss1,(MCS0)_2TX	-7.55
802.11a_Nss1,(6Mbps)_4TX	-7.83
802.11ax HEW20_Nss1,(MCS0)_4TX	-8.61
802.11ax HEW40_Nss1,(MCS0)_4TX	-10.95
802.11ax HEW80_Nss1,(MCS0)_4TX	-14.53
5.725-5.85GHz	-
802.11a_Nss1,(6Mbps)_1TX	-3.90
802.11ax HEW20_Nss1,(MCS0)_1TX	-4.18
802.11ax HEW40_Nss1,(MCS0)_1TX	-7.78
802.11ax HEW80_Nss1,(MCS0)_1TX	-11.76
802.11a_Nss1,(6Mbps)_2TX	-3.98
802.11ax HEW20_Nss1,(MCS0)_2TX	-3.71
802.11ax HEW40_Nss1,(MCS0)_2TX	-7.31
802.11ax HEW80_Nss1,(MCS0)_2TX	-11.03
802.11a_Nss1,(6Mbps)_4TX	-10.13
802.11ax HEW20_Nss1,(MCS0)_4TX	-10.27
802.11ax HEW40_Nss1,(MCS0)_4TX	-13.87
802.11ax HEW80_Nss1,(MCS0)_4TX	-18.26

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



Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)
802.11a_Nss1,(6Mbps)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-2.20				-2.20	-1.53
5300MHz	Pass	18.53	-2.33				-2.33	-1.53
5320MHz	Pass	18.53	-2.97				-2.97	-1.53
5500MHz	Pass	18.53	-1.73				-1.73	-1.53
5580MHz	Pass	18.53	-1.78				-1.78	-1.53
5700MHz	Pass	18.53	-2.21				-2.21	-1.53
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-1.94				-1.94	-1.53
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-3.90				-3.90	30.00
802.11ax HEW20_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-1.83				-1.83	-1.53
5300MHz	Pass	18.53	-2.65				-2.65	-1.53
5320MHz	Pass	18.53	-2.80				-2.80	-1.53
5500MHz	Pass	18.53	-2.15				-2.15	-1.53
5580MHz	Pass	18.53	-1.58				-1.58	-1.53
5700MHz	Pass	18.53	-1.92				-1.92	-1.53
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-2.23				-2.23	-1.53
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-4.18				-4.18	30.00
802.11ax HEW40_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	-5.34				-5.34	-1.53
5310MHz	Pass	18.53	-7.42				-7.42	-1.53
5510MHz	Pass	18.53	-4.81				-4.81	-1.53
5550MHz	Pass	18.53	-4.99				-4.99	-1.53
5670MHz	Pass	18.53	-4.84				-4.84	-1.53
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	-4.79				-4.79	-1.53
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-7.78				-7.78	30.00
802.11ax HEW80_Nss1,(MCS0)_1TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	-12.95				-12.95	-1.53
5530MHz	Pass	18.53	-7.93				-7.93	-1.53
5610MHz	Pass	18.53	-7.76				-7.76	-1.53
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	-7.67				-7.67	-1.53
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-11.76				-11.76	30.00
802.11a_Nss1,(6Mbps)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-6.90	-3.42			-1.89	-1.53
5300MHz	Pass	18.53	-6.72	-3.38			-1.89	-1.53
5320MHz	Pass	18.53	-6.87	-3.44			-1.88	-1.53
5500MHz	Pass	18.53	-6.66	-3.20			-1.69	-1.53
5580MHz	Pass	18.53	-6.80	-3.34			-1.89	-1.53
5700MHz	Pass	18.53	-8.65	-6.01			-4.20	-1.53
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-5.90	-3.64			-1.81	-1.53
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-8.47	-5.37			-3.98	30.00
802.11ax HEW20_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5260MHz	Pass	18.53	-7.33	-3.89			-2.31	-1.53
5300MHz	Pass	18.53	-7.02	-3.58			-1.99	-1.53
5320MHz	Pass	18.53	-7.26	-3.59			-2.09	-1.53
5500MHz	Pass	18.53	-7.10	-3.44			-2.00	-1.53
5580MHz	Pass	18.53	-6.63	-3.03			-1.74	-1.53
5700MHz	Pass	18.53	-5.89	-3.85			-1.98	-1.53
5720MHz Straddle 5.47-5.725GHz	Pass	18.53	-6.50	-3.49			-1.96	-1.53
5720MHz Straddle 5.725-5.85GHz	Pass	18.53	-8.28	-5.47			-3.71	30.00
802.11ax HEW40_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5270MHz	Pass	18.53	-11.02	-7.64			-6.09	-1.53
5310MHz	Pass	18.53	-10.91	-7.72			-6.07	-1.53
5510MHz	Pass	18.53	-9.61	-6.42			-4.92	-1.53
5550MHz	Pass	18.53	-9.62	-6.39			-4.93	-1.53



PSD Iron R1_Antenna set 10_P to P

Appendix D.3

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)
5670MHz	Pass	18.53	-9.08	-6.48			-4.79	-1.53
5710MHz Straddle 5.47-5.725GHz	Pass	18.53	-8.89	-6.51			-4.69	-1.53
5710MHz Straddle 5.725-5.85GHz	Pass	18.53	-11.78	-9.04			-7.31	30.00
802.11ax HEW80_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-
5290MHz	Pass	18.53	-16.21	-13.13			-11.40	-1.53
5530MHz	Pass	18.53	-12.73	-9.45			-7.95	-1.53
5610MHz	Pass	18.53	-12.11	-8.94			-7.59	-1.53
5690MHz Straddle 5.47-5.725GHz	Pass	18.53	-11.83	-9.37			-7.55	-1.53
5690MHz Straddle 5.725-5.85GHz	Pass	18.53	-15.65	-12.82			-11.03	30.00
802.11a_Nss1,(6Mbps)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	21.54	-17.20	-13.54	-12.93	-15.21	-8.58	-4.54
5300MHz	Pass	21.54	-17.32	-13.76	-13.09	-14.98	-8.82	-4.54
5320MHz	Pass	21.54	-17.57	-14.00	-12.75	-14.98	-8.76	-4.54
5500MHz	Pass	21.54	-18.07	-14.58	-12.34	-14.30	-8.57	-4.54
5580MHz	Pass	21.54	-17.11	-14.12	-12.96	-15.89	-9.08	-4.54
5700MHz	Pass	21.54	-17.06	-13.86	-11.80	-14.48	-8.22	-4.54
5720MHz Straddle 5.47-5.725GHz	Pass	21.54	-15.74	-13.85	-11.73	-13.91	-7.83	-4.54
5720MHz Straddle 5.725-5.85GHz	Pass	21.54	-18.31	-16.15	-14.56	-15.74	-10.13	30.00
802.11ax HEW20_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5260MHz	Pass	21.54	-17.81	-14.70	-13.41	-16.10	-9.39	-4.54
5300MHz	Pass	21.54	-18.14	-15.05	-14.02	-15.87	-9.77	-4.54
5320MHz	Pass	21.54	-18.87	-14.83	-13.96	-15.78	-9.67	-4.54
5500MHz	Pass	21.54	-18.06	-15.10	-13.15	-15.31	-9.41	-4.54
5580MHz	Pass	21.54	-18.14	-14.63	-13.92	-16.62	-9.93	-4.54
5700MHz	Pass	21.54	-17.31	-15.30	-13.13	-15.10	-9.14	-4.54
5720MHz Straddle 5.47-5.725GHz	Pass	21.54	-16.89	-14.33	-12.50	-14.61	-8.61	-4.54
5720MHz Straddle 5.725-5.85GHz	Pass	21.54	-18.74	-15.72	-14.83	-16.67	-10.27	30.00
802.11ax HEW40_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5270MHz	Pass	21.54	-20.81	-17.68	-16.65	-18.64	-12.41	-4.54
5310MHz	Pass	21.54	-21.07	-17.51	-16.39	-18.54	-12.29	-4.54
5510MHz	Pass	21.54	-21.03	-17.80	-15.82	-17.65	-12.04	-4.54
5550MHz	Pass	21.54	-20.44	-17.29	-15.69	-17.69	-11.85	-4.54
5670MHz	Pass	21.54	-18.71	-16.18	-15.07	-17.36	-10.95	-4.54
5710MHz Straddle 5.47-5.725GHz	Pass	21.54	-18.62	-17.29	-15.10	-16.99	-11.17	-4.54
5710MHz Straddle 5.725-5.85GHz	Pass	21.54	-21.60	-20.39	-17.81	-20.13	-13.87	30.00
802.11ax HEW80_Nss1,(MCS0)_4TX	-	-	-	-	-	-	-	-
5290MHz	Pass	21.54	-23.88	-20.49	-19.46	-21.58	-15.22	-4.54
5530MHz	Pass	21.54	-23.38	-20.58	-18.77	-20.47	-14.80	-4.54
5610MHz	Pass	21.54	-22.52	-19.55	-18.81	-20.44	-14.53	-4.54
5690MHz Straddle 5.47-5.725GHz	Pass	21.54	-22.86	-20.33	-18.73	-20.88	-14.74	-4.54
5690MHz Straddle 5.725-5.85GHz	Pass	21.54	-26.67	-24.45	-22.08	-24.68	-18.26	30.00

DG = Directional Gain; RBW = 500kHz 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;

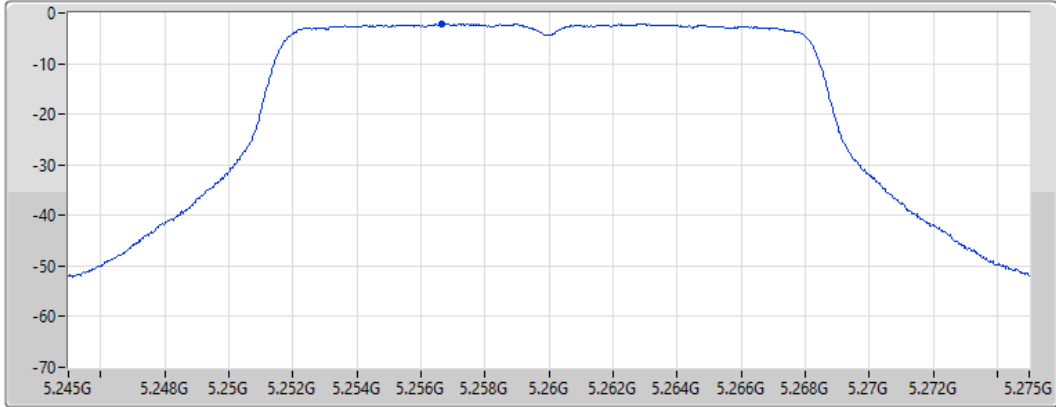
802.11a_Nss1,(6Mbps)_1TX


PSD

5260MHz

24/08/2022

CF
5.26GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.20	-2.20	-2.20

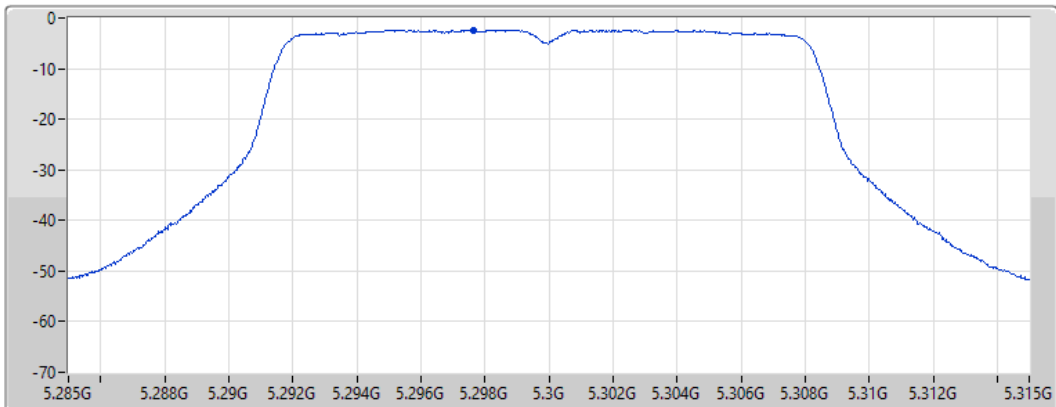
802.11a_Nss1,(6Mbps)_1TX


PSD

5300MHz

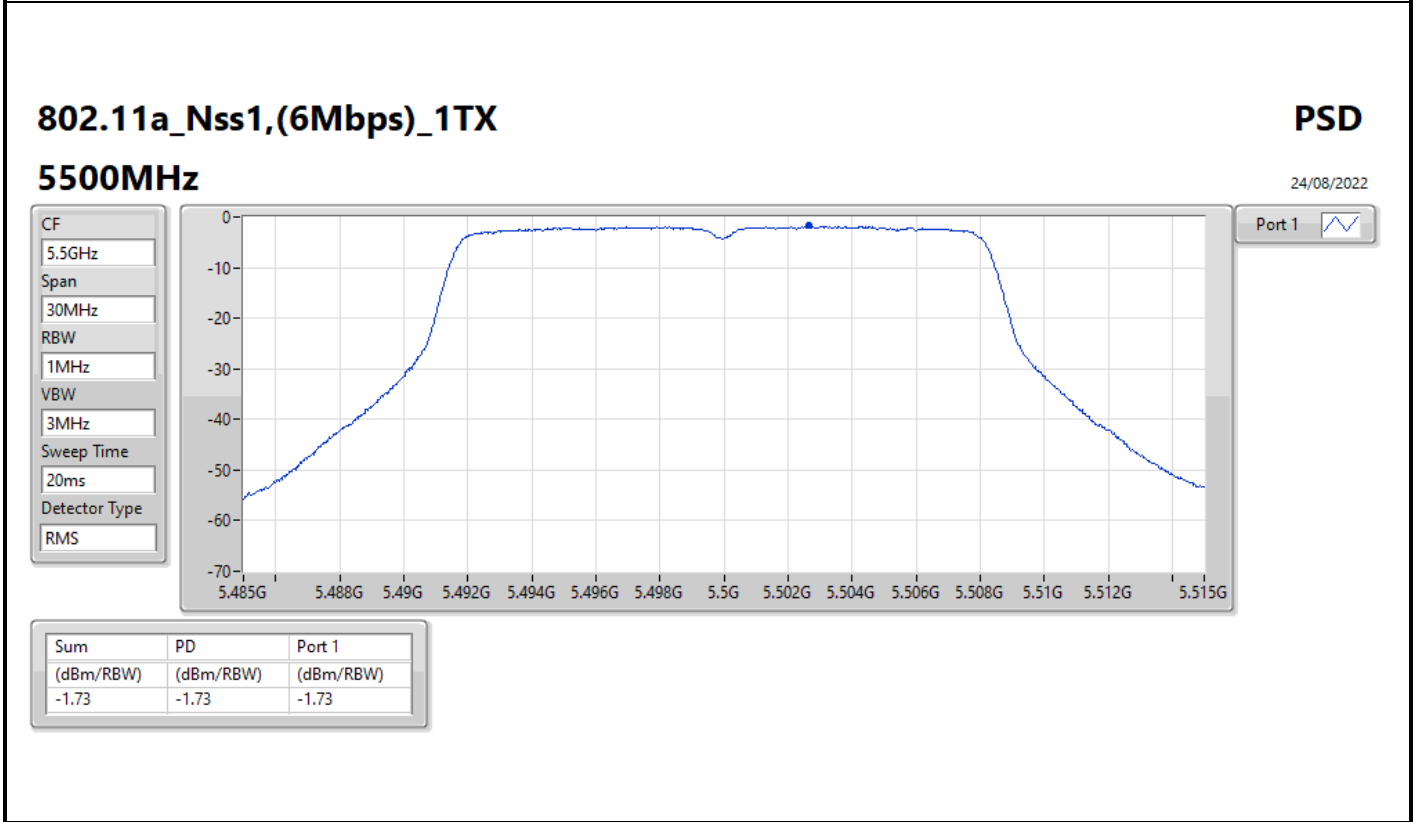
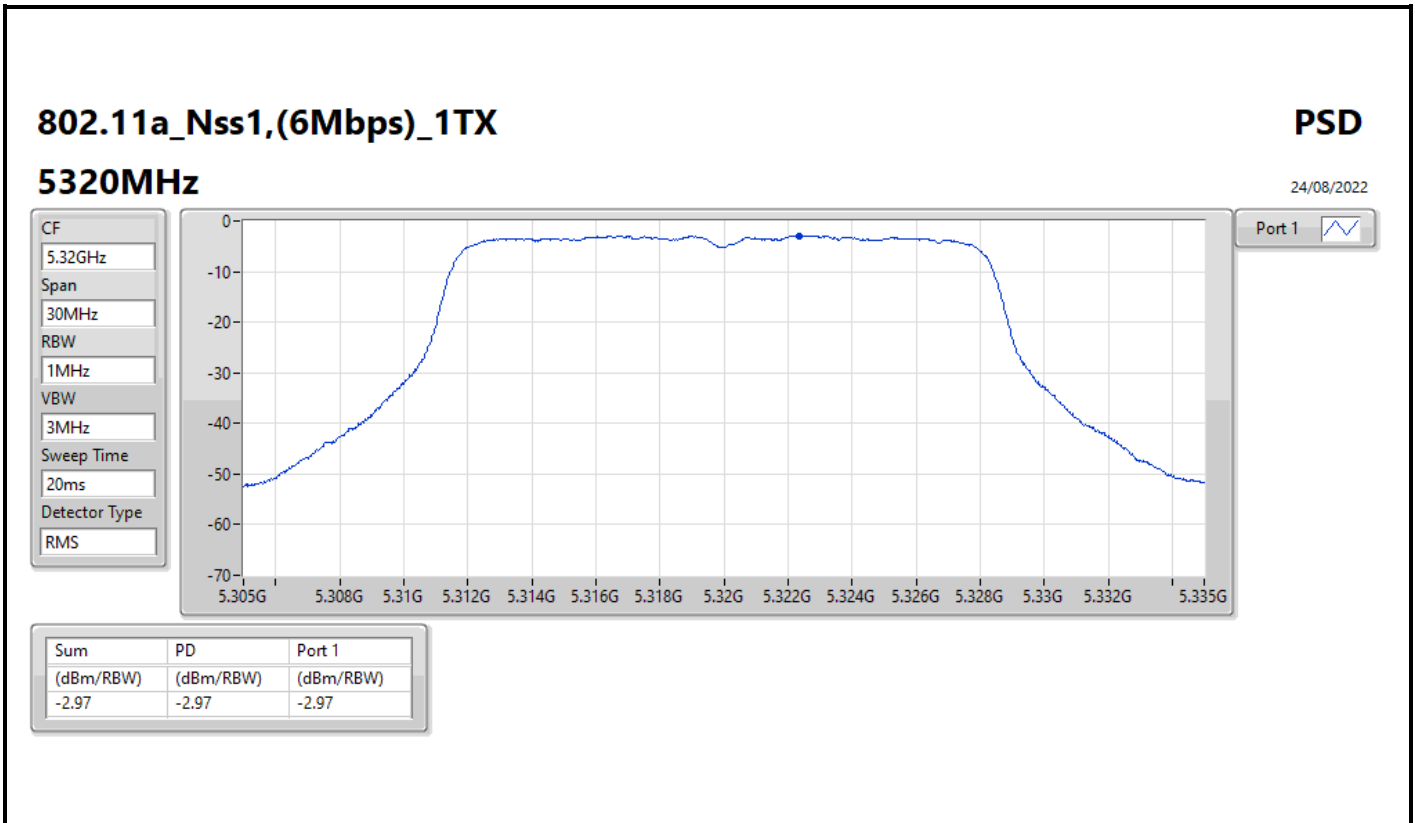
24/08/2022

CF
5.3GHz
Span
30MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.33	-2.33	-2.33



802.11a_Nss1,(6Mbps)_1TX

PSD

5580MHz

24/08/2022

CF
5.58GHz

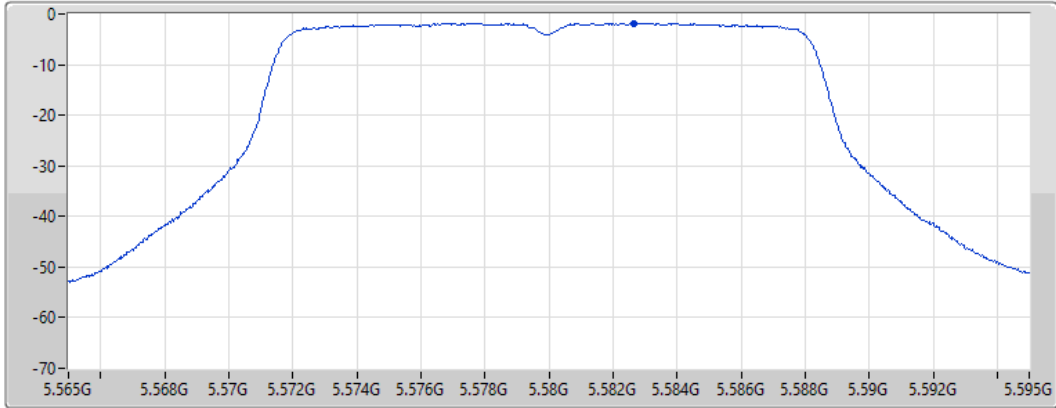
Span
30MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.78	-1.78	-1.78

802.11a_Nss1,(6Mbps)_1TX

PSD

5700MHz

24/08/2022

CF
5.7GHz

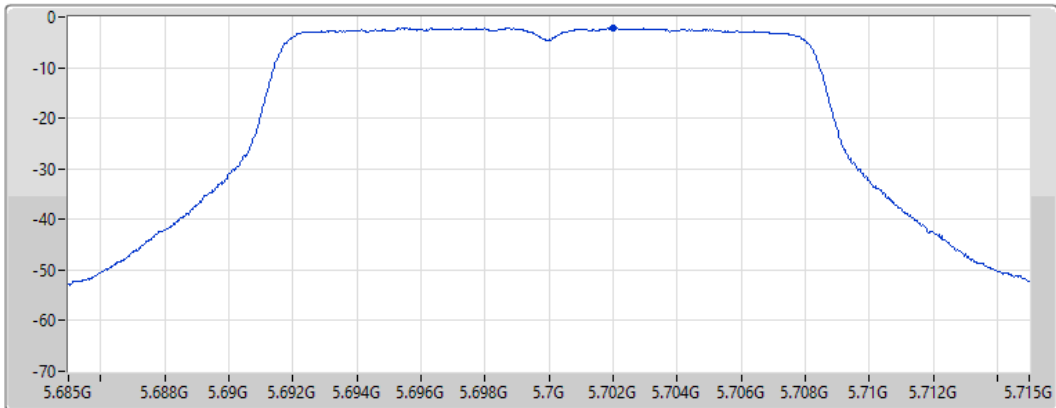
Span
30MHz

RBW
1MHz

VBW
3MHz

Sweep Time
20ms

Detector Type
RMS



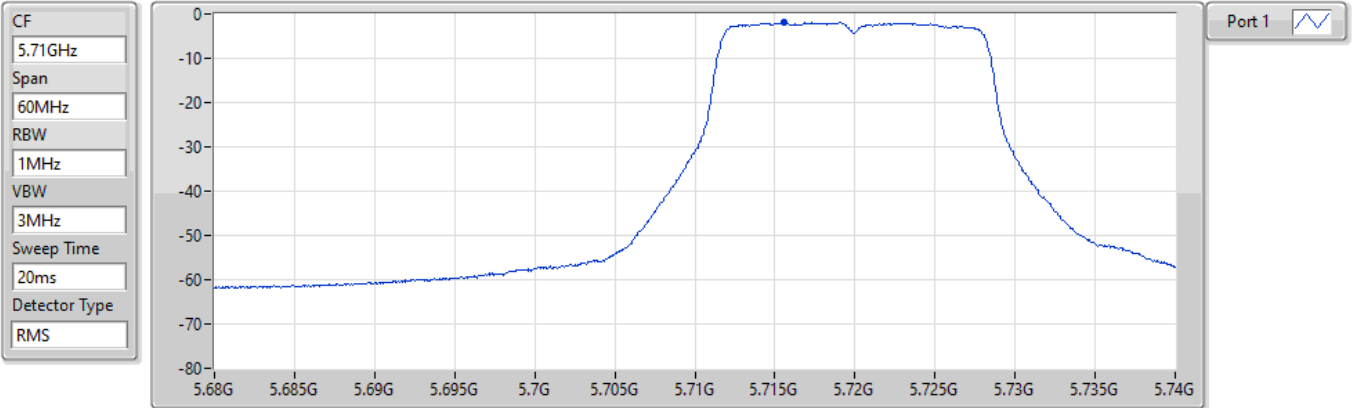
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.21	-2.21	-2.21

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.47-5.725GHz

24/08/2022



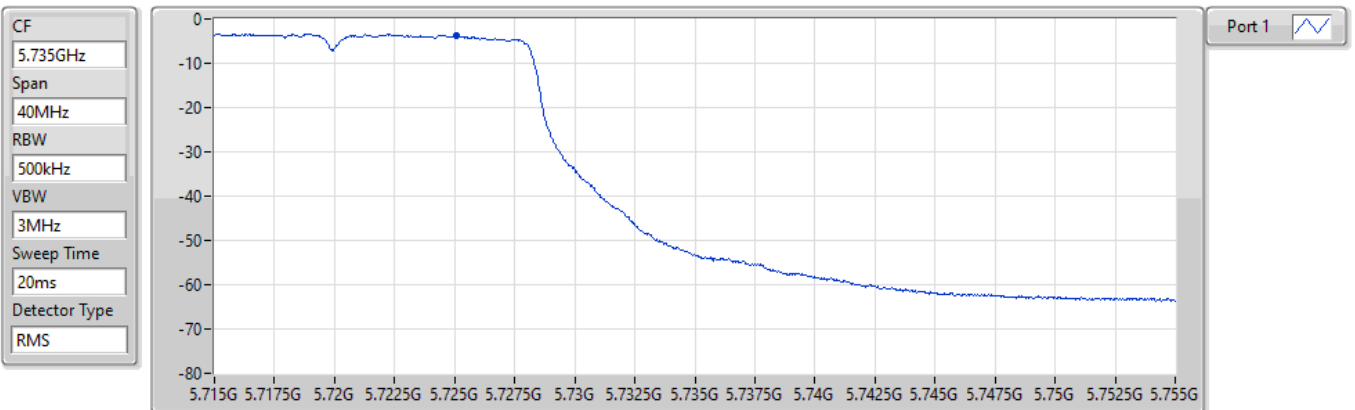
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.94	-1.94	-1.94

802.11a_Nss1,(6Mbps)_1TX

PSD

5720MHz Straddle 5.725-5.85GHz

24/08/2022



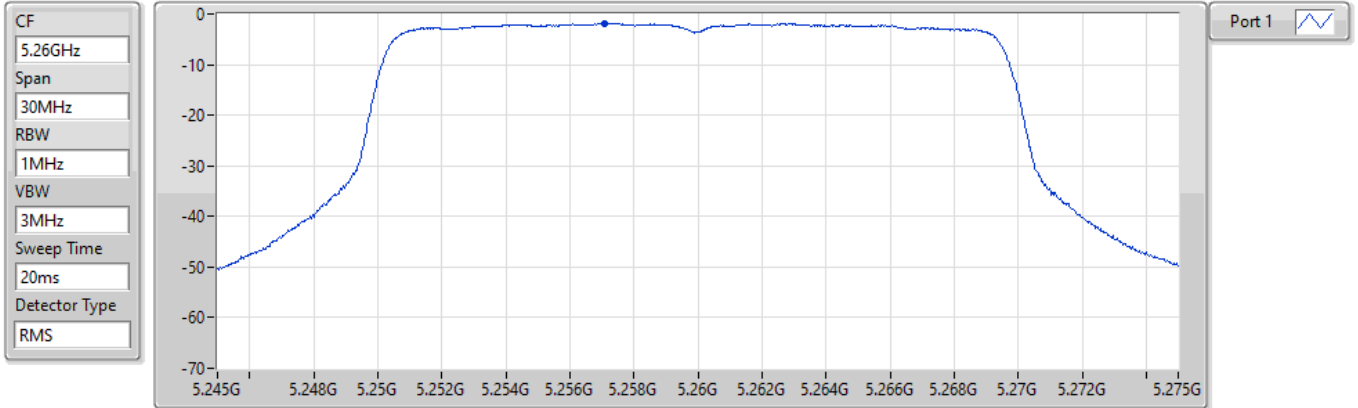
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-3.90	-3.90	-3.90

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5260MHz

24/08/2022



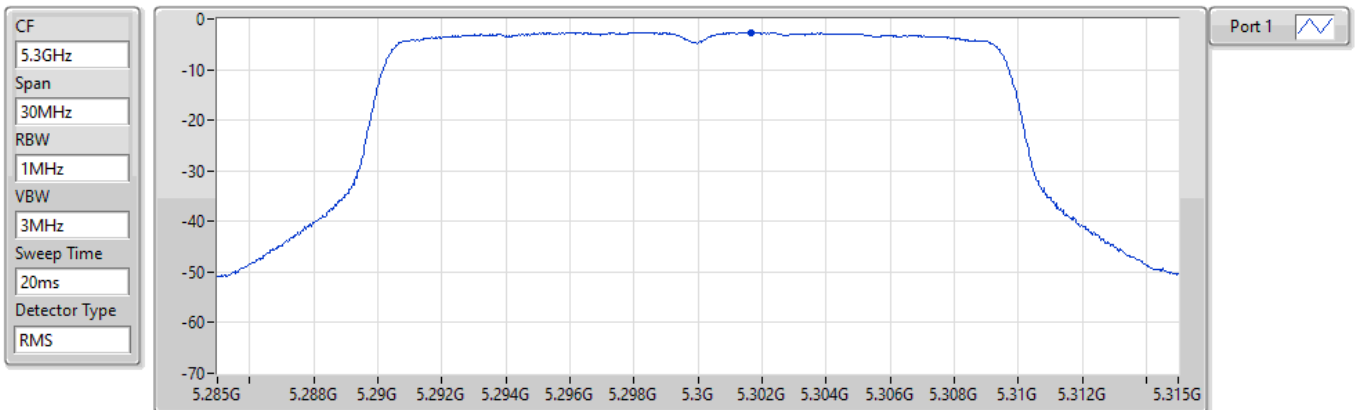
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.83	-1.83	-1.83

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5300MHz

24/08/2022



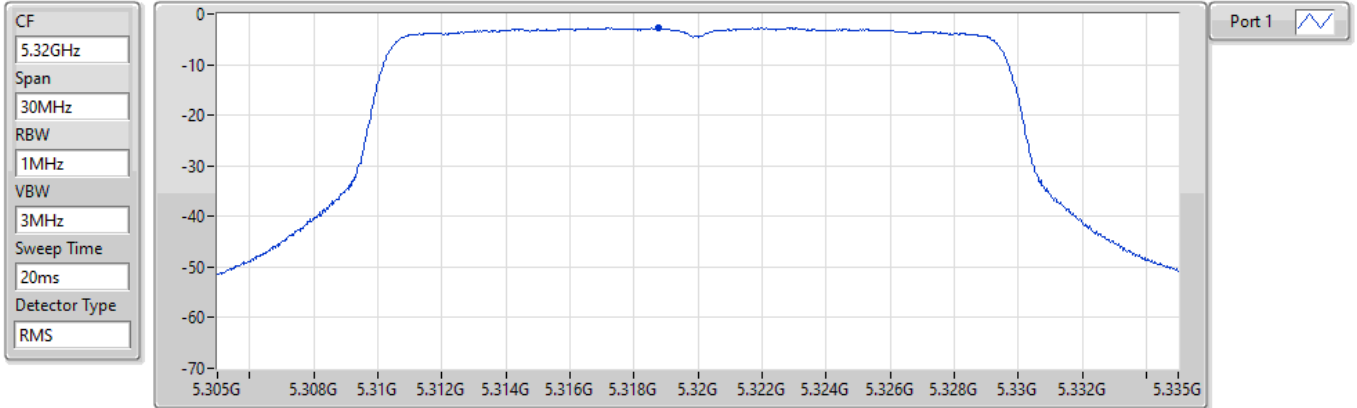
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.65	-2.65	-2.65

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5320MHz

24/08/2022



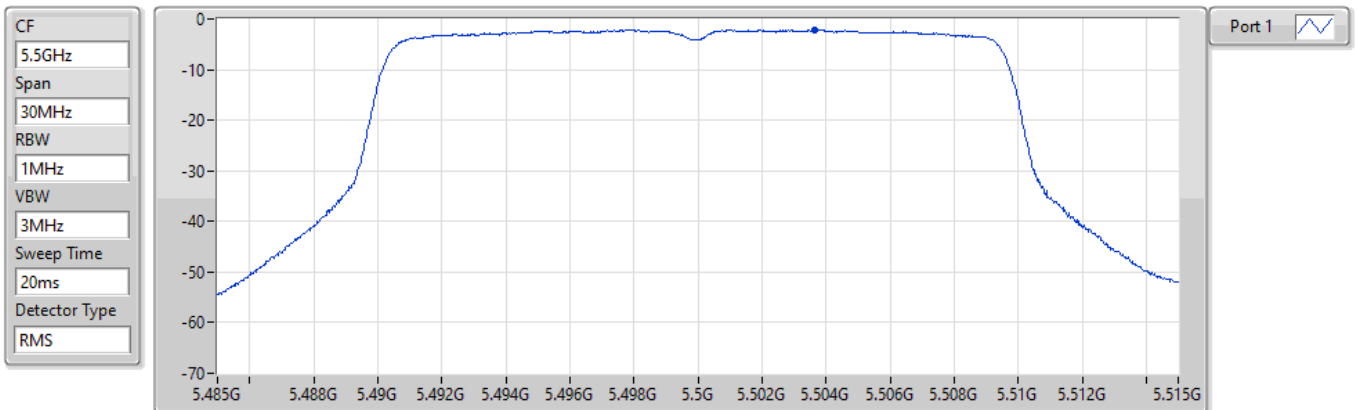
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
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802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5500MHz

24/08/2022



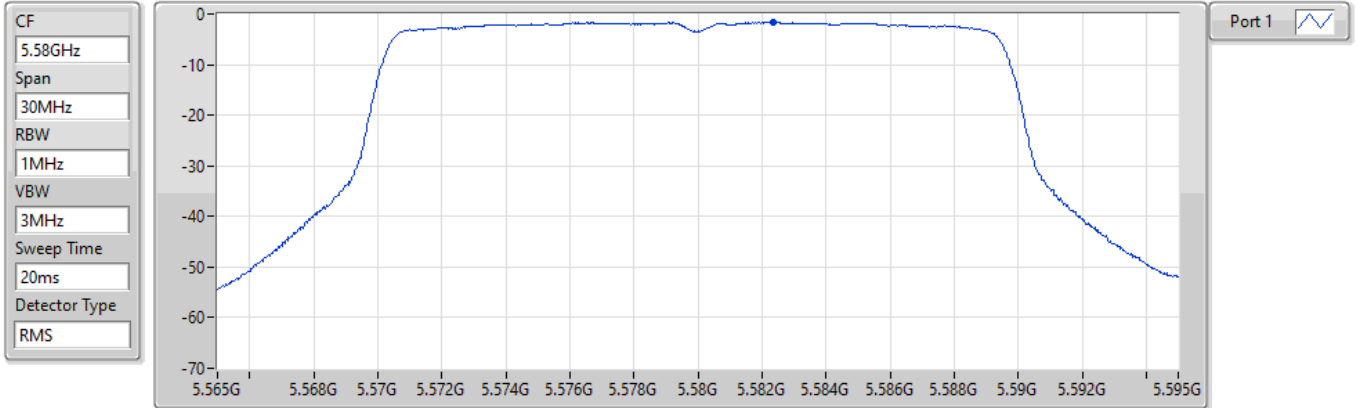
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.15	-2.15	-2.15

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5580MHz

24/08/2022



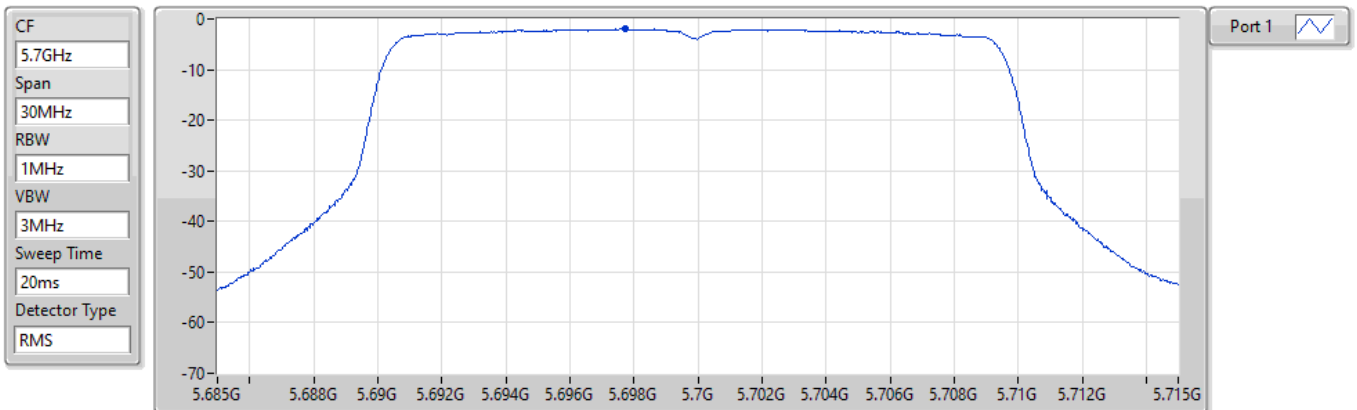
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.58	-1.58	-1.58

802.11ax HEW20_Nss1,(MCS0)_1TX

PSD

5700MHz

24/08/2022



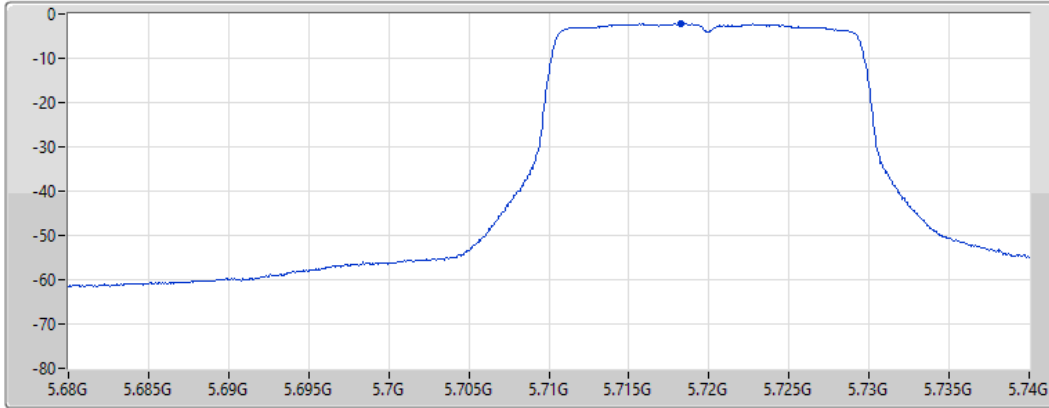
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.92	-1.92	-1.92


802.11ax HEW20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.47-5.725GHz

PSD

24/08/2022

CF
5.71GHz
Span
60MHz
RBW
1MHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

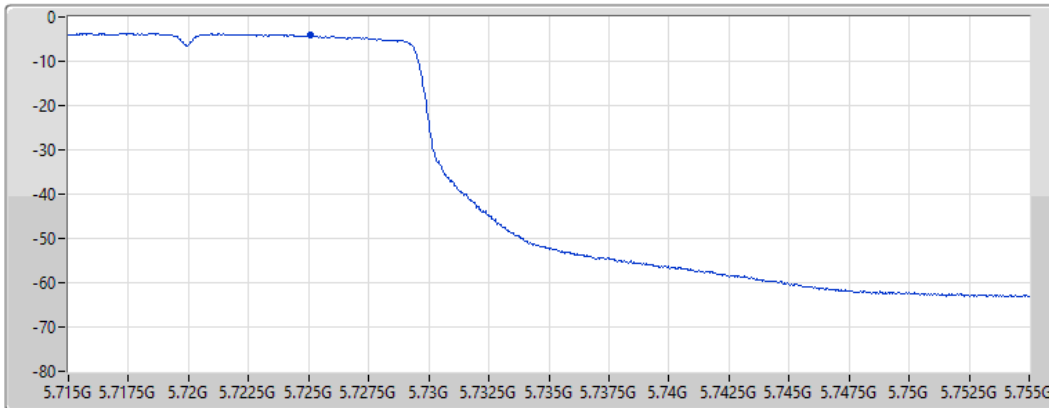
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.23	-2.23	-2.23


802.11ax HEW20_Nss1,(MCS0)_1TX
5720MHz Straddle 5.725-5.85GHz

PSD

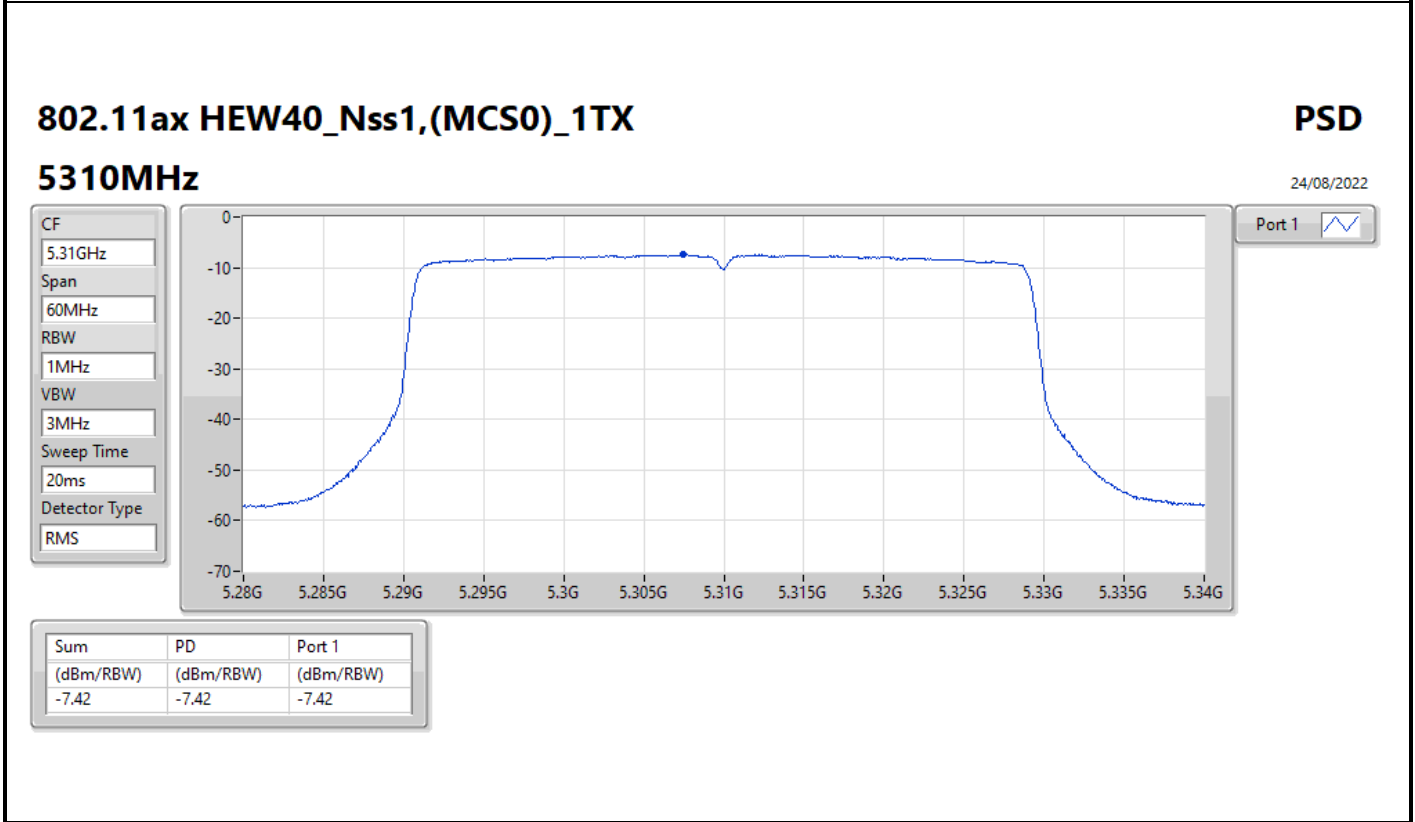
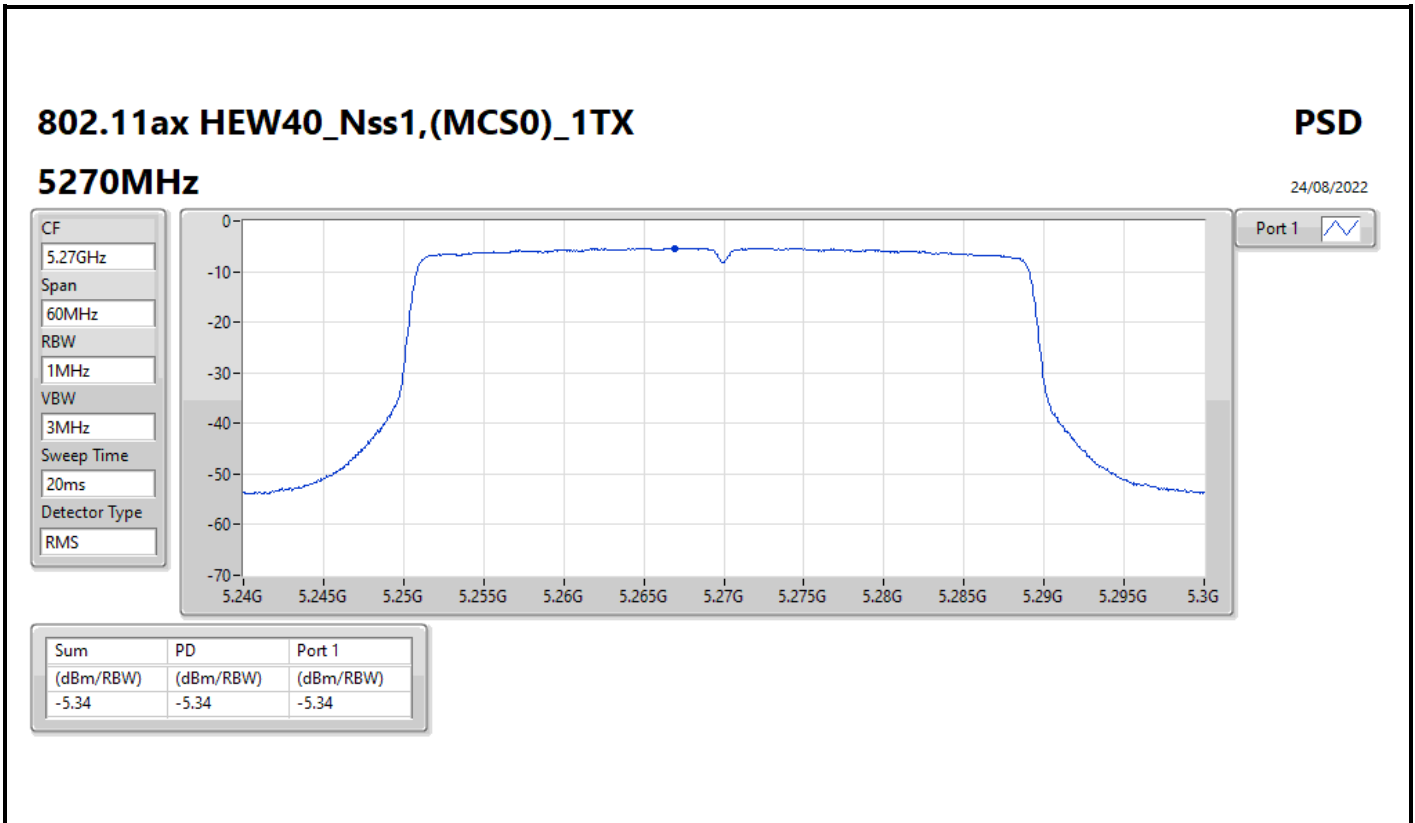
24/08/2022

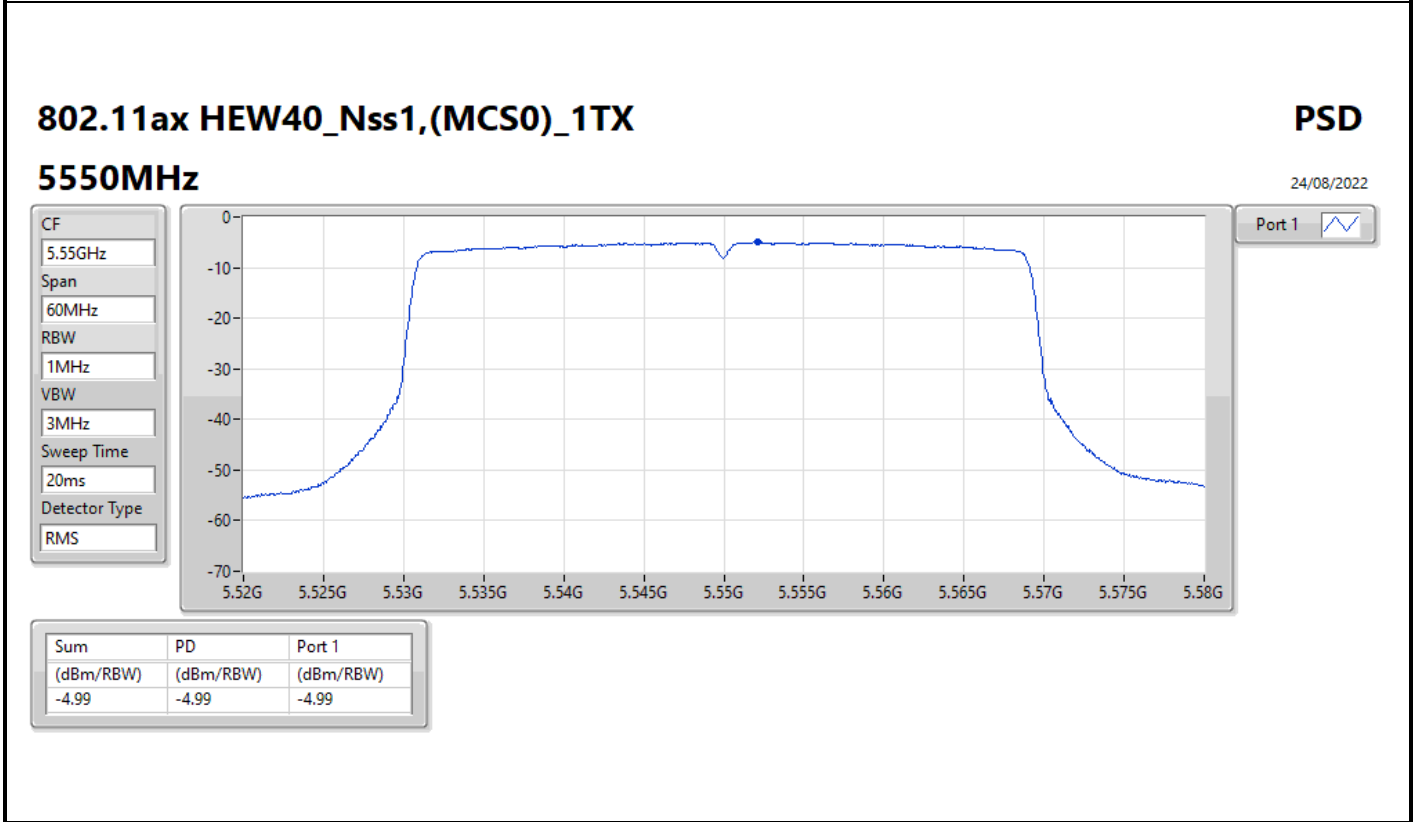
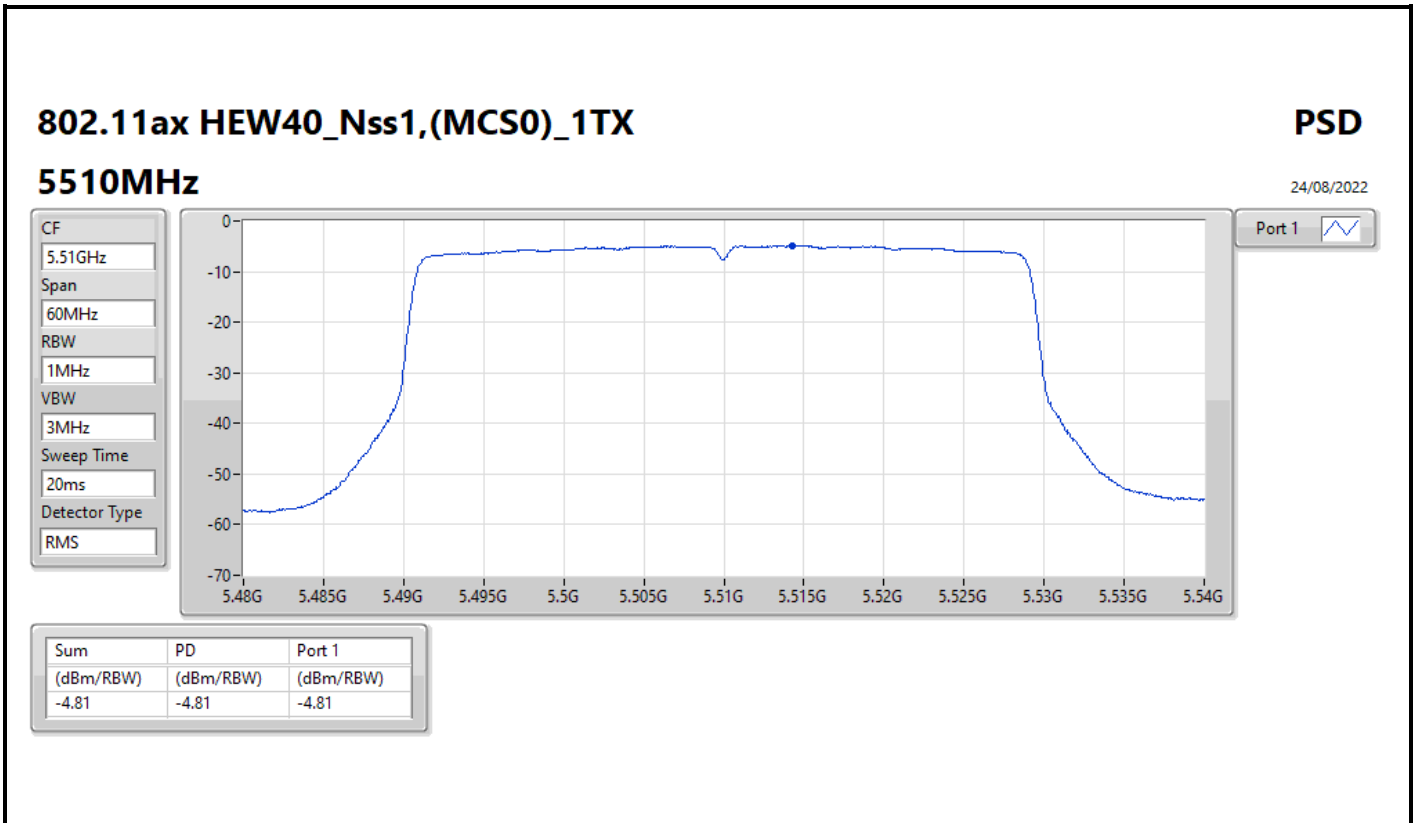
CF
5.735GHz
Span
40MHz
RBW
500kHz
VBW
3MHz
Sweep Time
20ms
Detector Type
RMS



Port 1 

Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.18	-4.18	-4.18



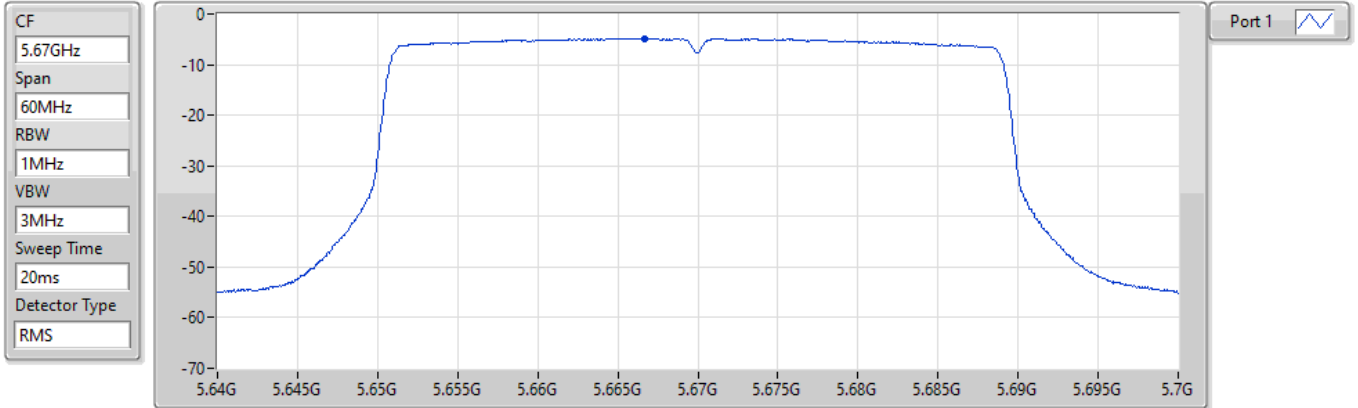


802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5670MHz

24/08/2022



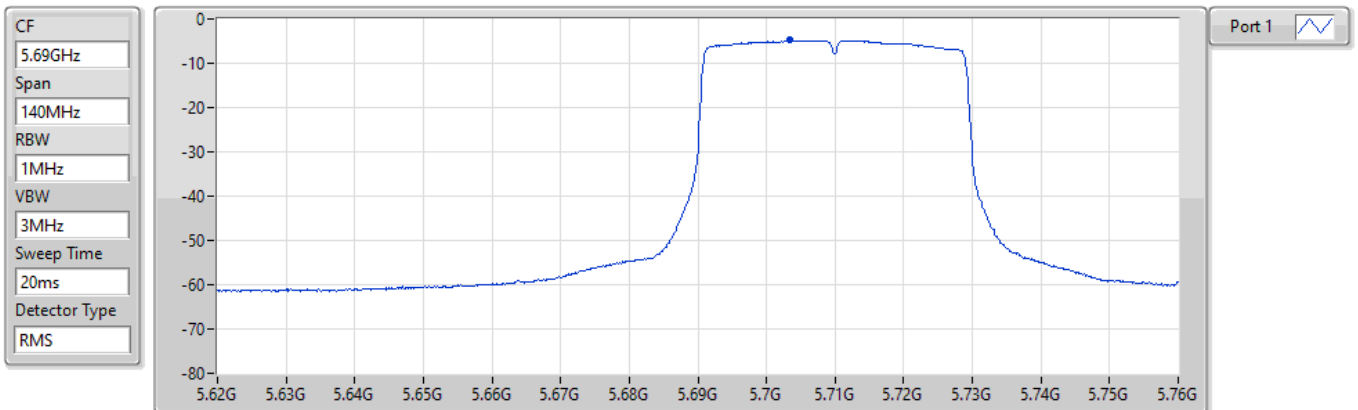
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.84	-4.84	-4.84

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.47-5.725GHz

24/08/2022



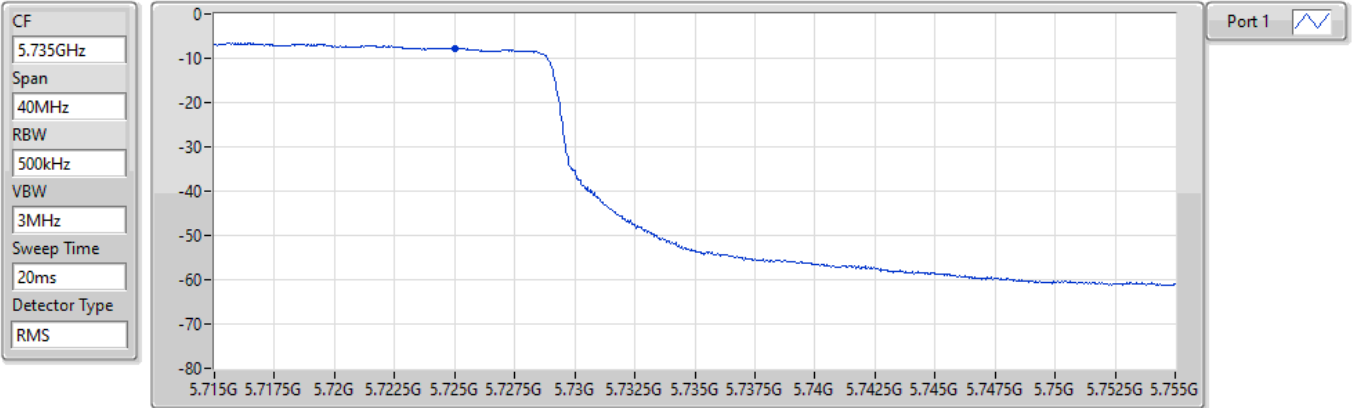
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.79	-4.79	-4.79

802.11ax HEW40_Nss1,(MCS0)_1TX

PSD

5710MHz Straddle 5.725-5.85GHz

24/08/2022



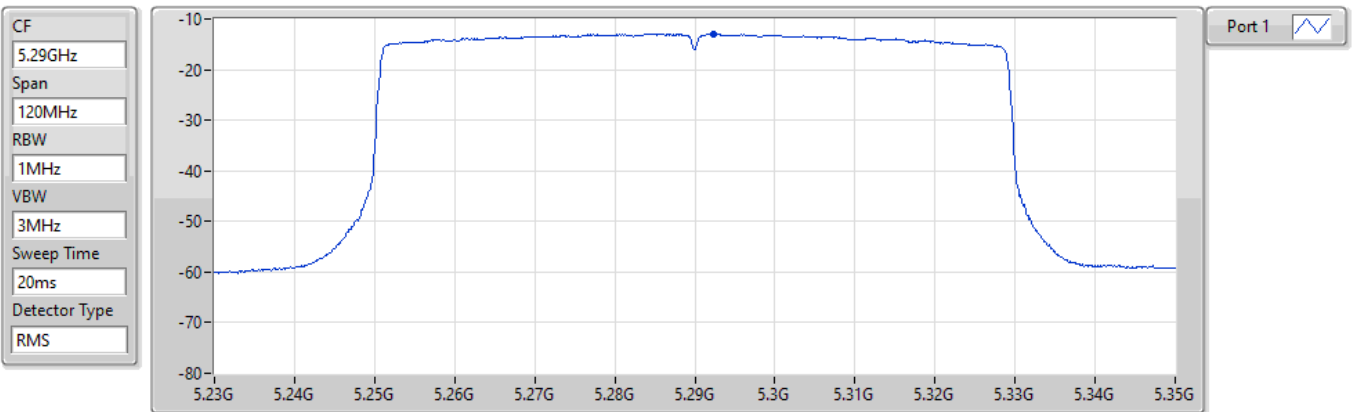
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.78	-7.78	-7.78

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5290MHz

24/08/2022



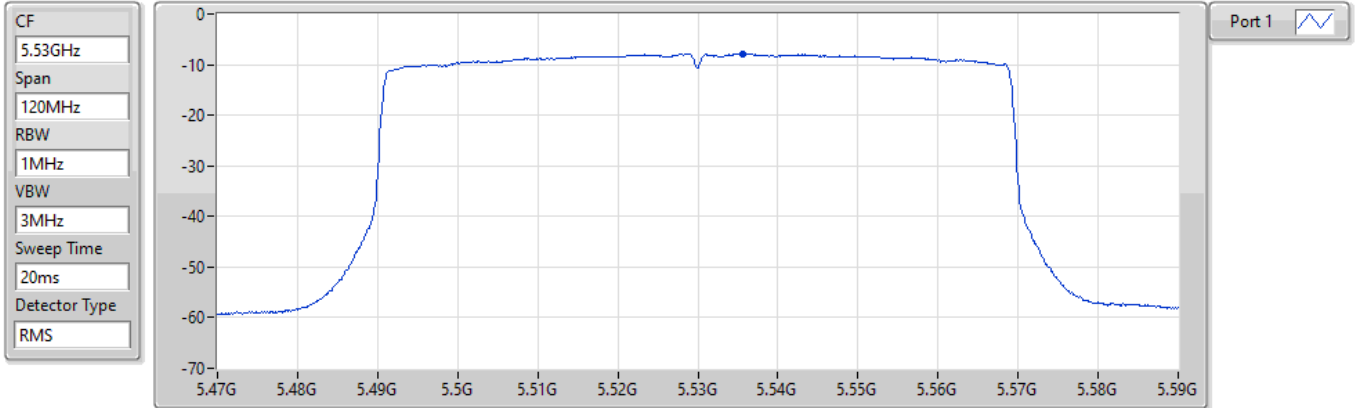
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-12.95	-12.95	-12.95

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5530MHz

24/08/2022



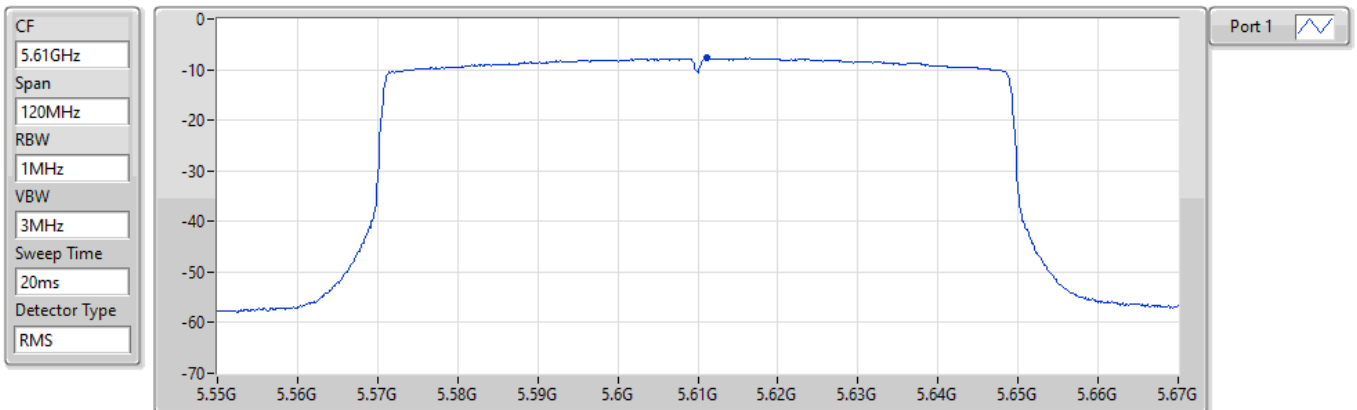
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.93	-7.93	-7.93

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5610MHz

24/08/2022



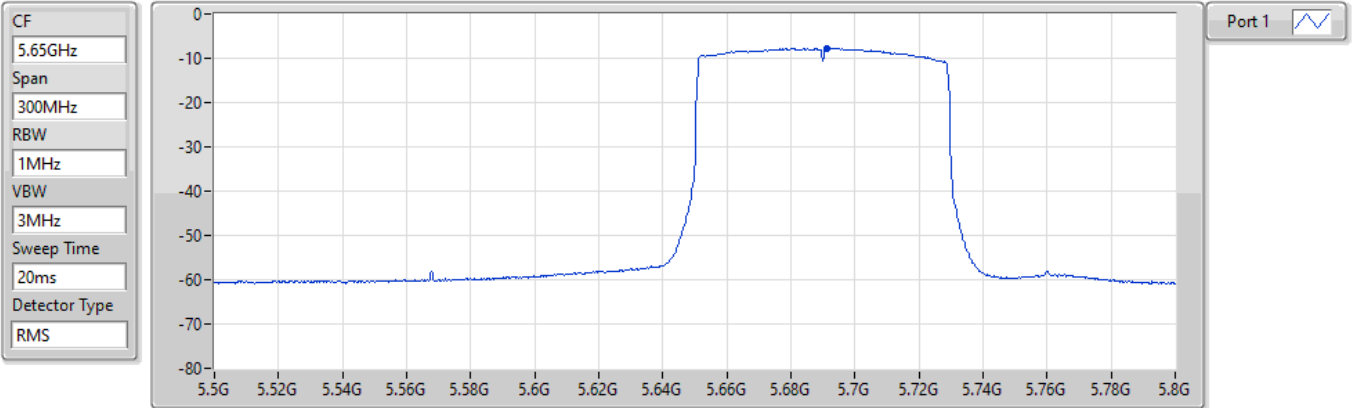
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.76	-7.76	-7.76

802.11ax HEW80_Nss1,(MCS0)_1TX

PSD

5690MHz Straddle 5.47-5.725GHz

24/08/2022



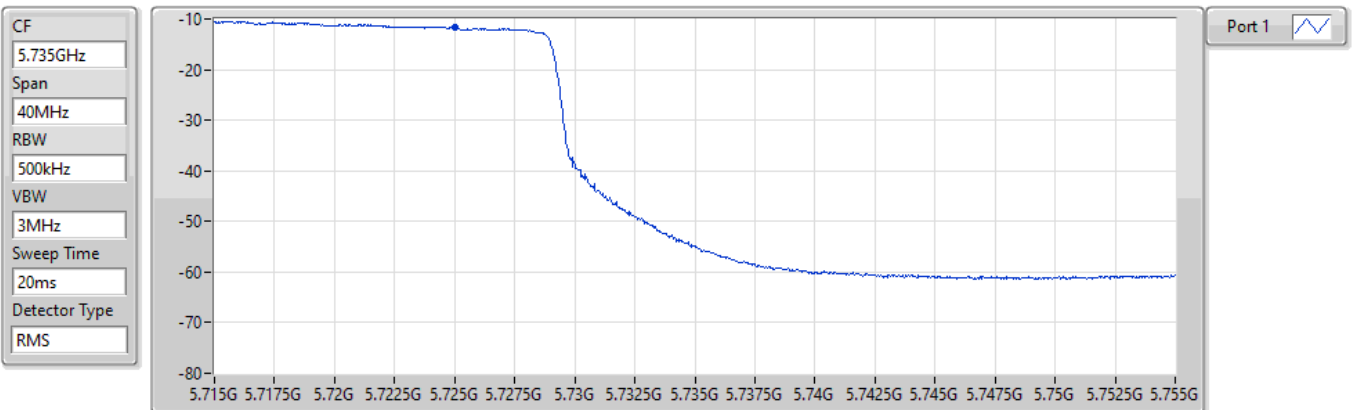
Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-7.67	-7.67	-7.67

802.11ax HEW80_Nss1,(MCS0)_1TX

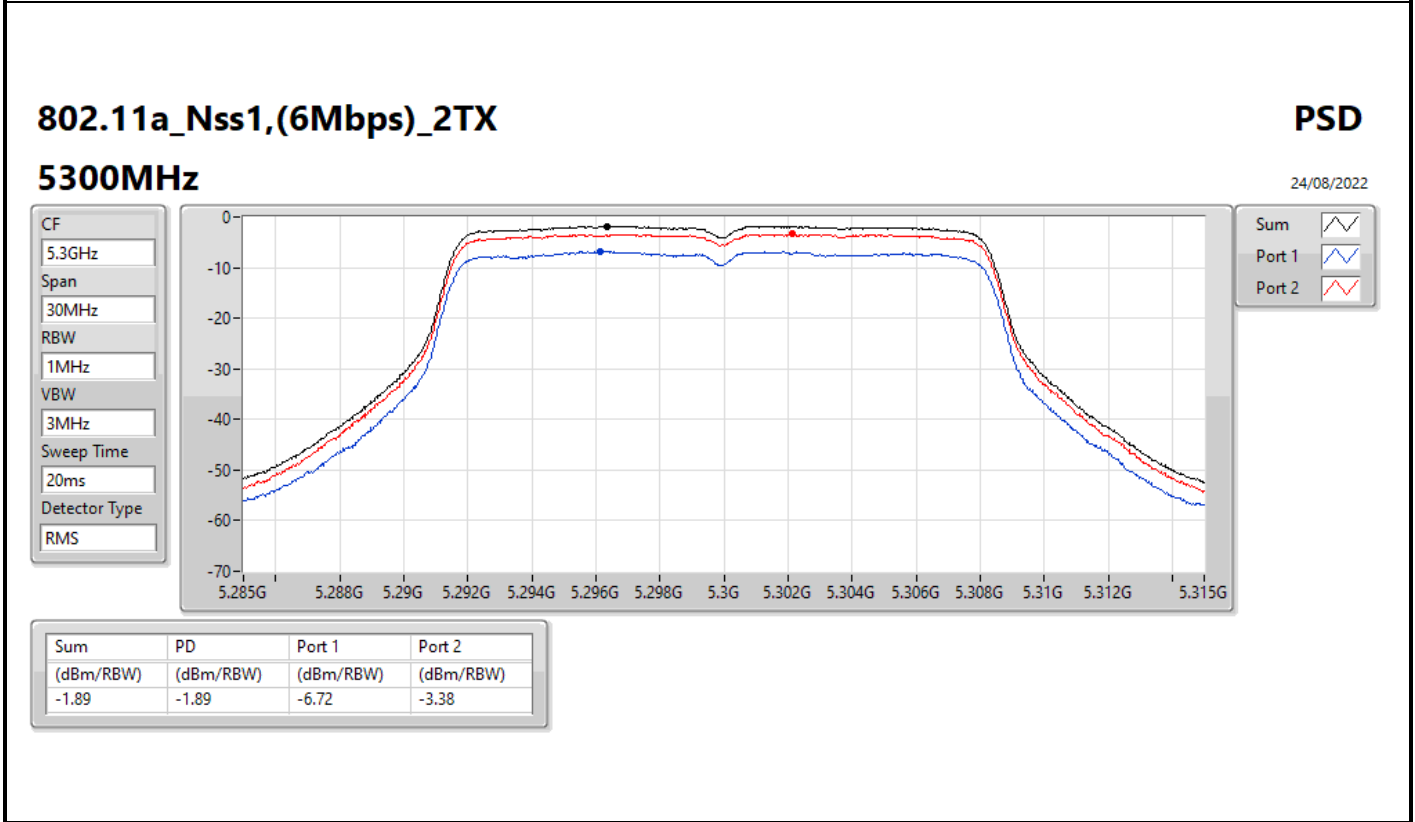
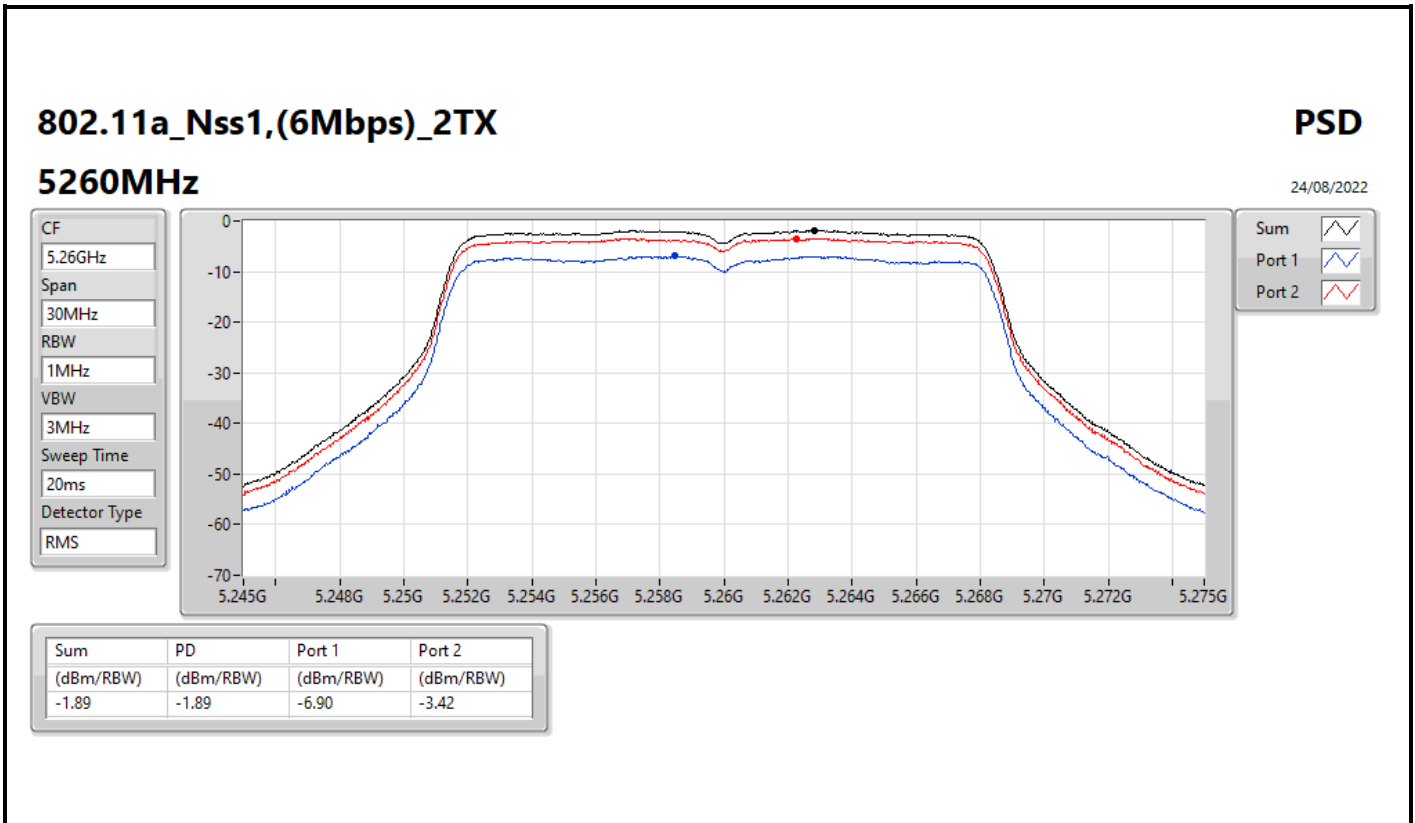
PSD

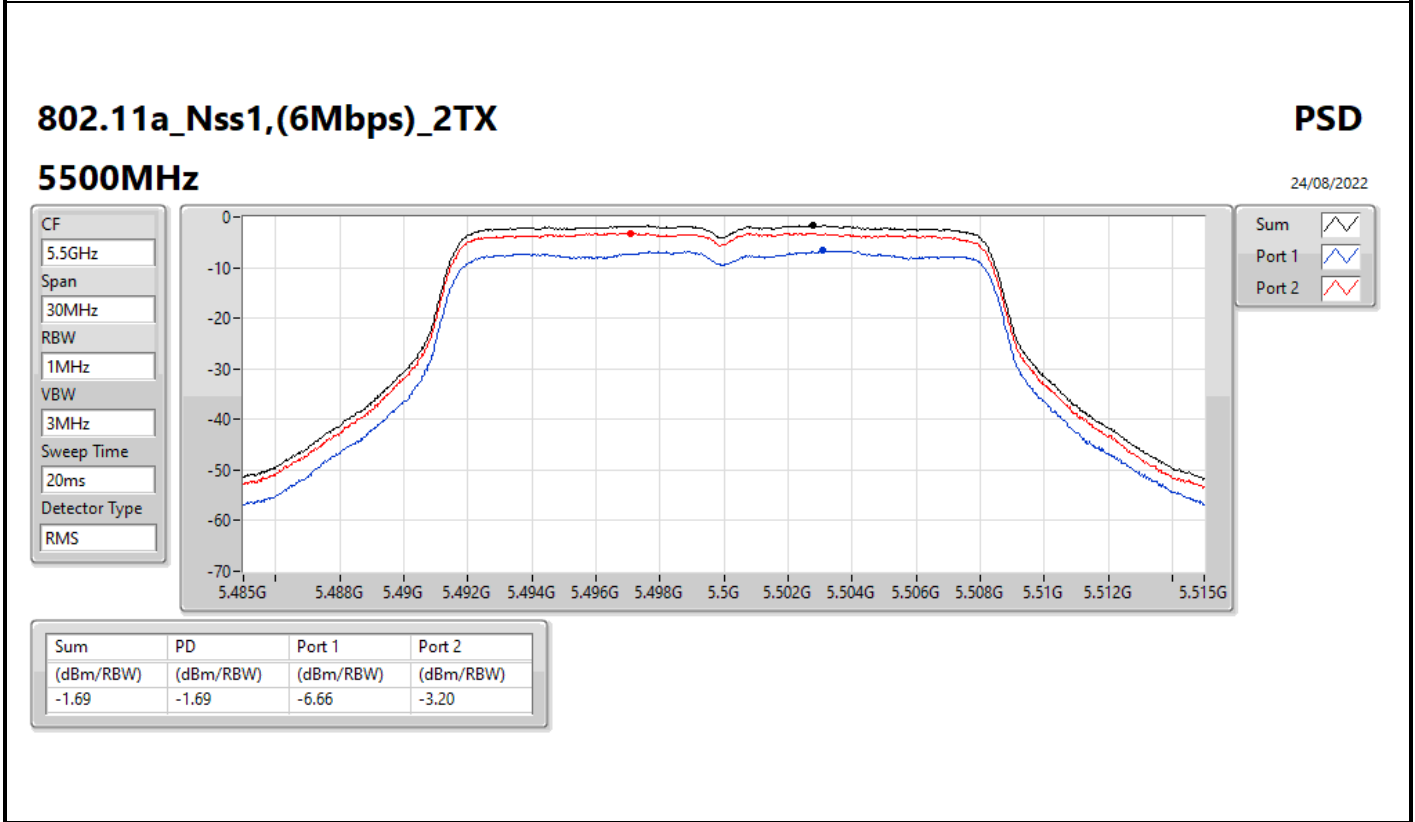
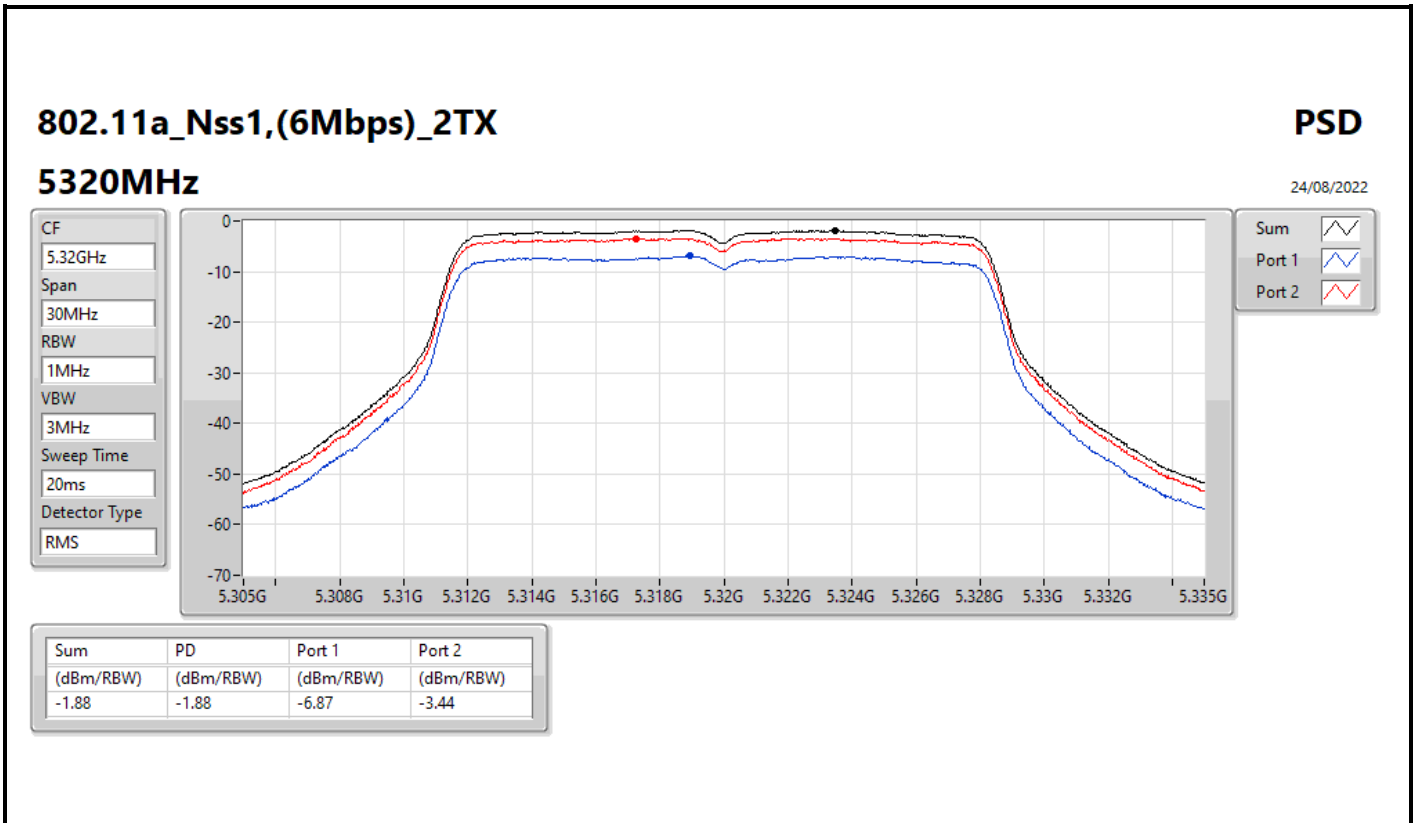
5690MHz Straddle 5.725-5.85GHz

24/08/2022



Sum	PD	Port 1
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-11.76	-11.76	-11.76



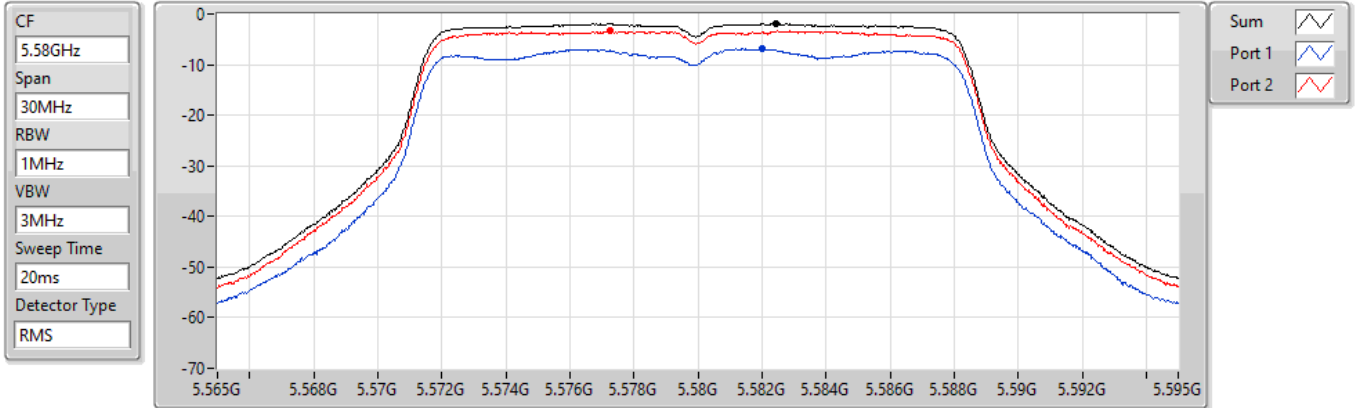


802.11a_Nss1,(6Mbps)_2TX

PSD

5580MHz

24/08/2022



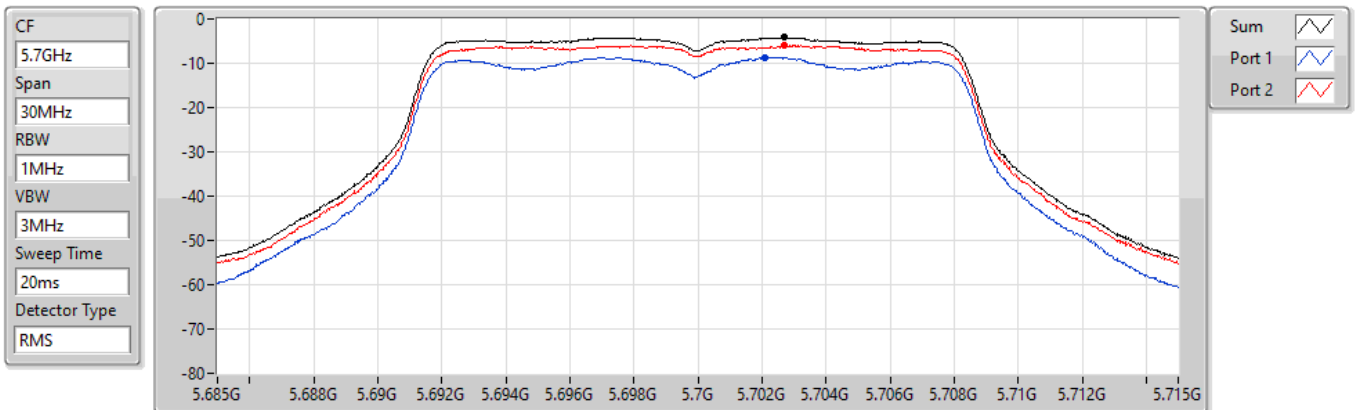
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-1.89	-1.89	-6.80	-3.34

802.11a_Nss1,(6Mbps)_2TX

PSD

5700MHz

24/08/2022



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.20	-4.20	-8.65	-6.01