



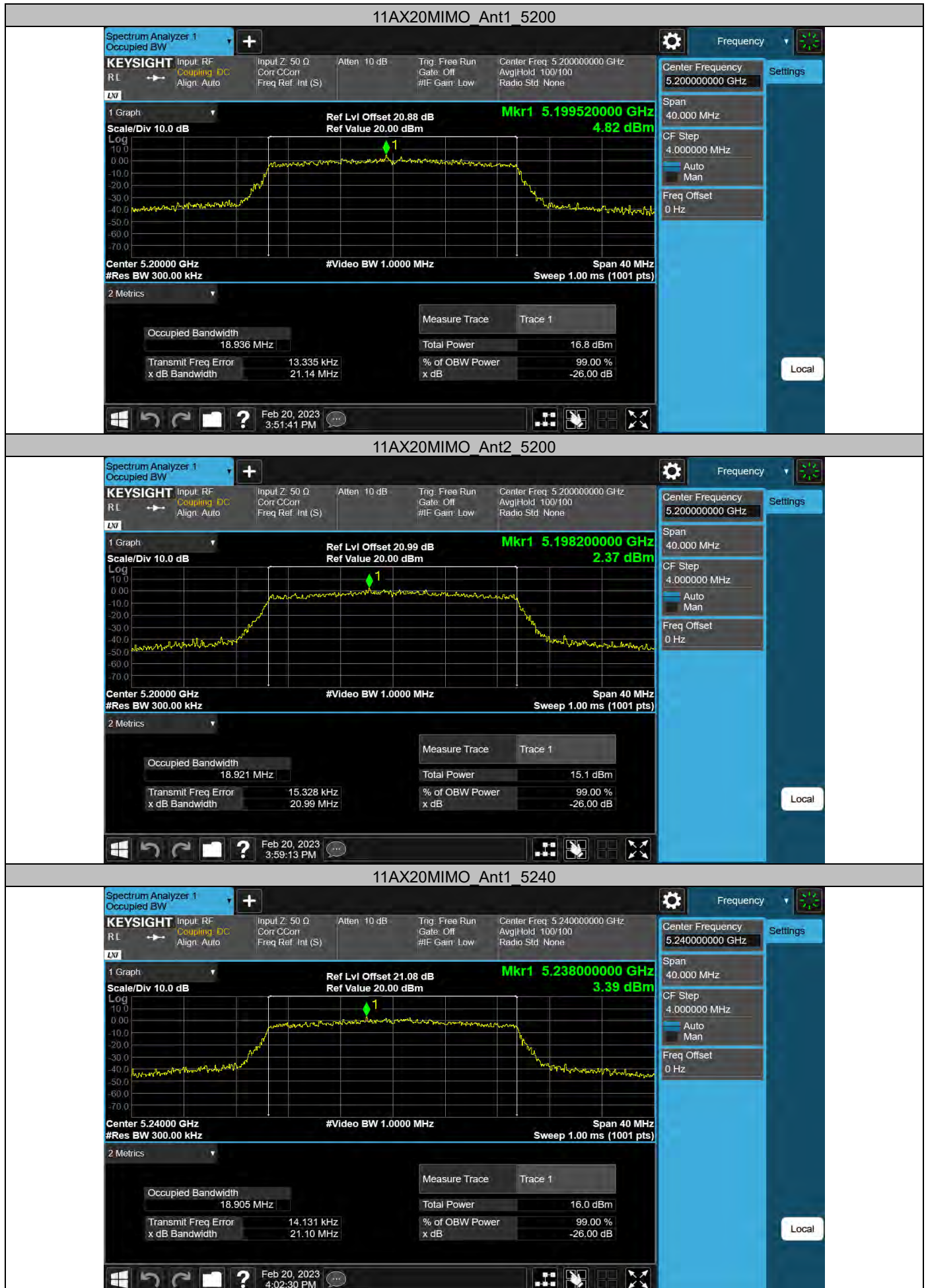


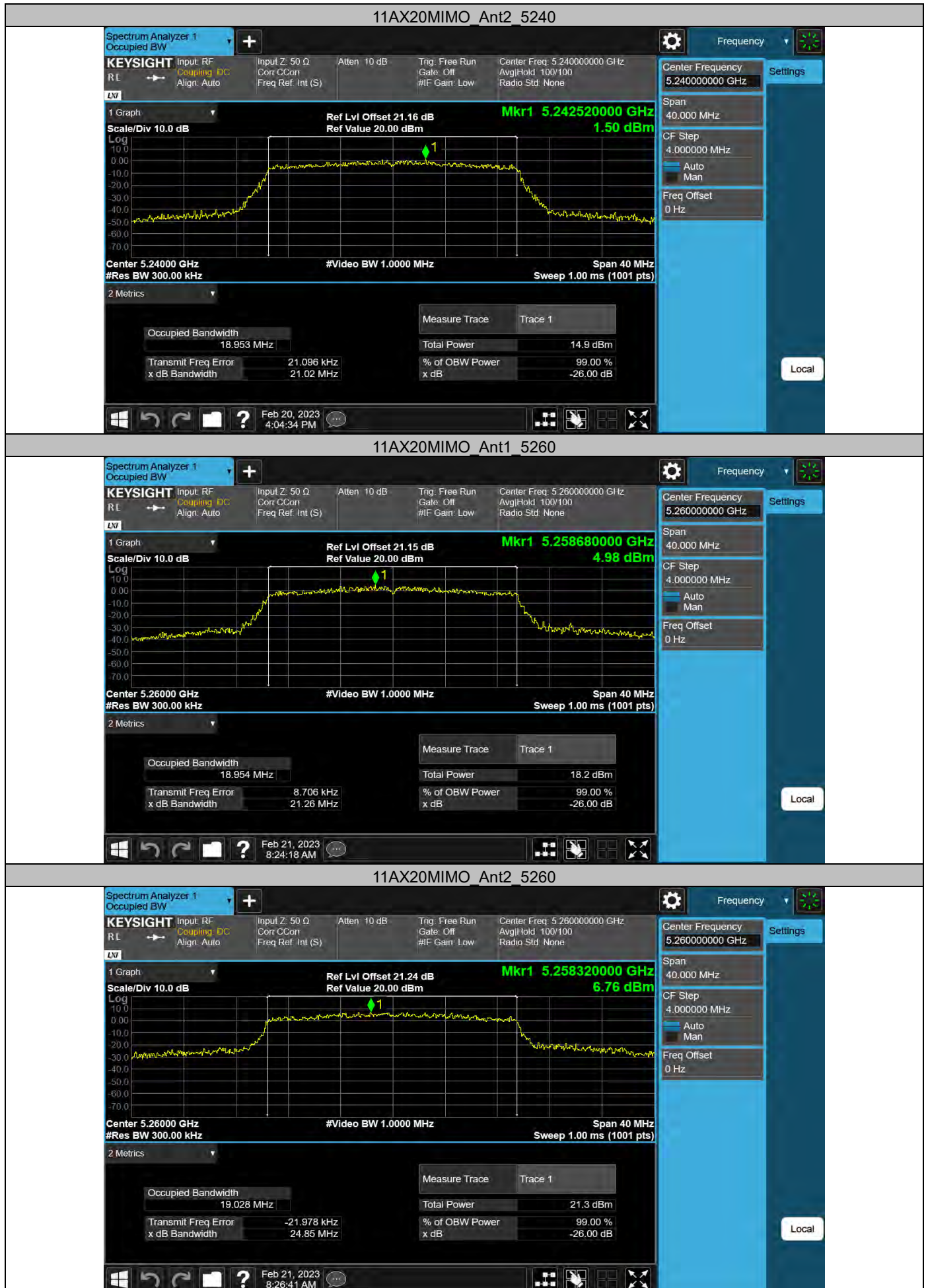






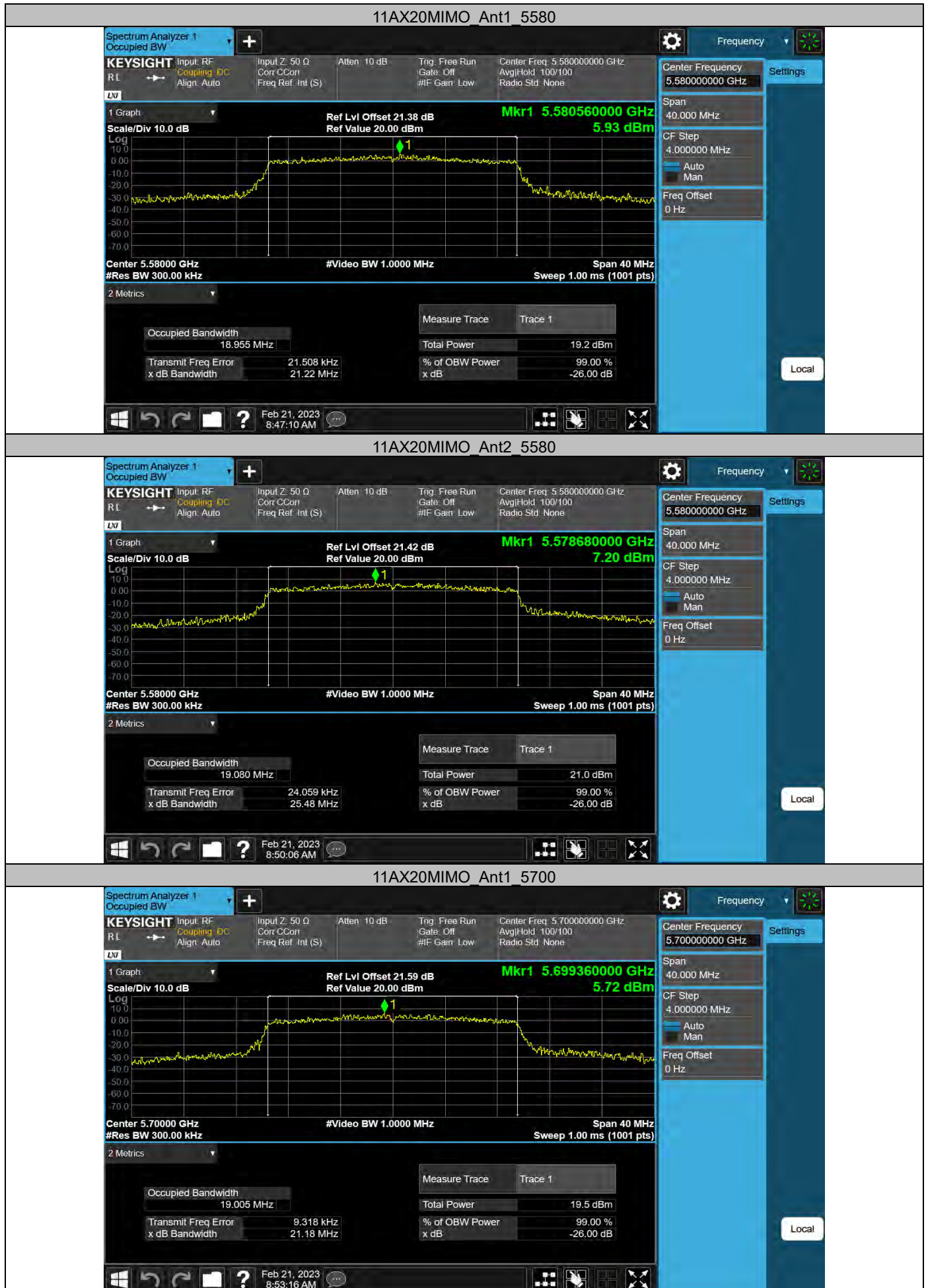
























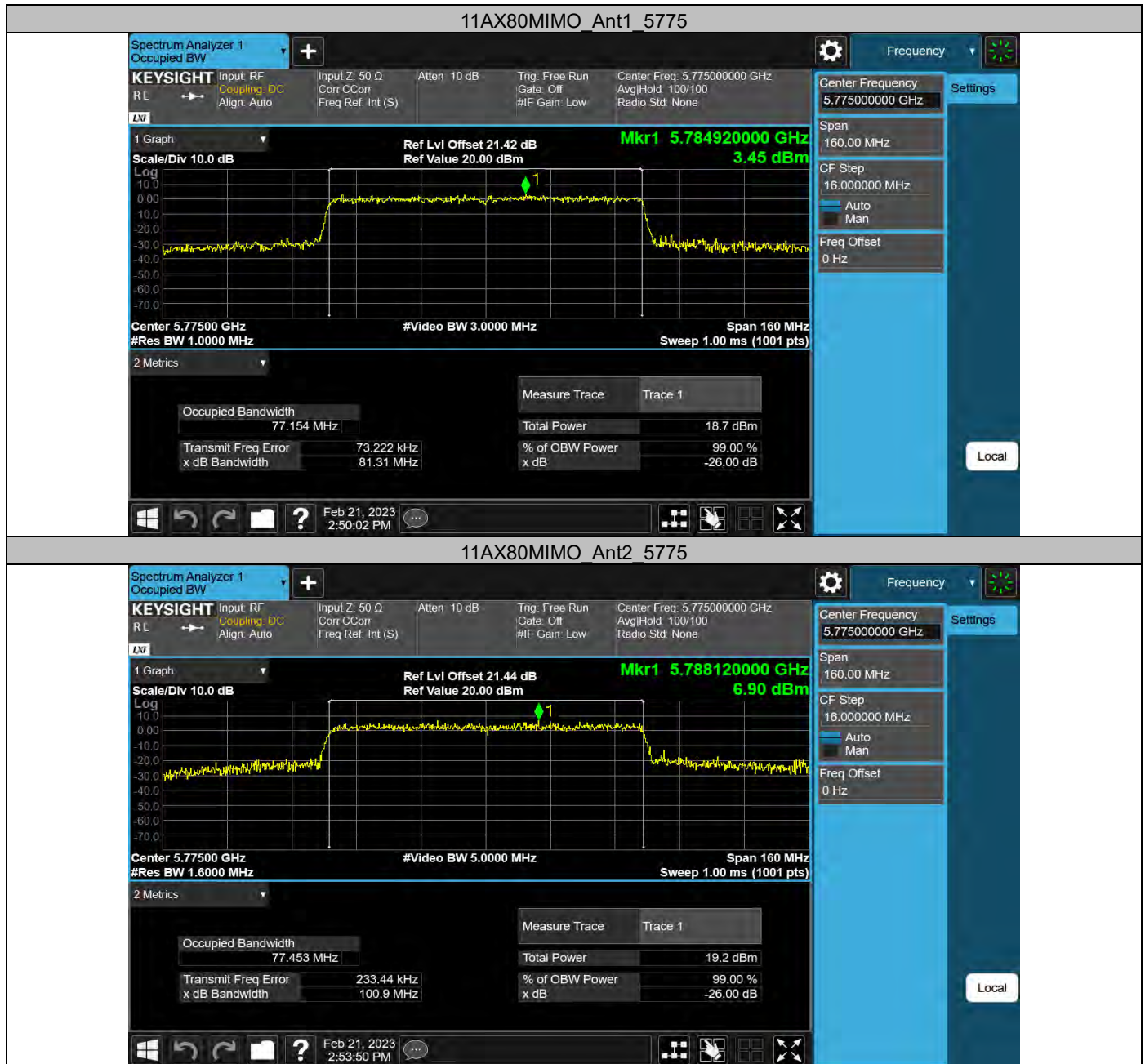












Appendix E: Maximum conducted output power
Test Result Channel Power

Test Mode	Antenna	Frequency[M Hz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	11.35	64.29	1.92	13.27	≤23.98	PASS
	Ant2	5180	11.36	64.29	1.92	13.28	≤23.98	PASS
	Ant1	5200	11.36	64.29	1.92	13.28	≤23.98	PASS
	Ant2	5200	11.49	62.96	2.01	13.50	≤23.98	PASS
	Ant1	5240	11.43	62.96	2.01	13.44	≤23.98	PASS
	Ant2	5240	11.60	62.96	2.01	13.61	≤23.98	PASS
	Ant1	5260	11.35	64.29	1.92	13.27	≤23.98	PASS
	Ant2	5260	11.04	62.96	2.01	13.05	≤23.98	PASS
	Ant1	5300	11.15	62.96	2.01	13.16	≤23.98	PASS
	Ant2	5300	10.47	64.29	1.92	12.39	≤23.98	PASS
	Ant1	5320	10.85	64.29	1.92	12.77	≤23.98	PASS
	Ant2	5320	10.27	62.96	2.01	12.28	≤23.98	PASS
	Ant1	5500	12.32	62.96	2.01	14.33	≤23.98	PASS
	Ant2	5500	11.29	64.29	1.92	13.21	≤23.98	PASS
	Ant1	5580	12.41	62.96	2.01	14.42	≤23.98	PASS
	Ant2	5580	11.21	62.96	2.01	13.22	≤23.98	PASS
	Ant1	5700	12.62	62.96	2.01	14.63	≤23.98	PASS
	Ant2	5700	11.81	62.96	2.01	13.82	≤23.98	PASS
	Ant1	5745	12.58	64.29	1.92	14.50	≤30.00	PASS
	Ant2	5745	12.84	62.96	2.01	14.85	≤30.00	PASS
	Ant1	5785	12.25	64.29	1.92	14.17	≤30.00	PASS
	Ant2	5785	12.42	62.96	2.01	14.43	≤30.00	PASS
	Ant1	5825	12.16	62.96	2.01	14.17	≤30.00	PASS
	Ant2	5825	12.09	64.29	1.92	14.01	≤30.00	PASS
11N20MIMO	Ant1	5180	7.83	61.54	2.11	9.94	≤23.98	PASS
	Ant2	5180	6.92	61.54	2.11	9.03	≤23.98	PASS
	total	5180	---	---	---	12.52	≤21.61	PASS
	Ant1	5200	7.76	61.54	2.11	9.87	≤23.98	PASS
	Ant2	5200	7.05	61.54	2.11	9.16	≤23.98	PASS
	total	5200	---	---	---	12.54	≤21.61	PASS
	Ant1	5240	7.33	61.54	2.11	9.44	≤23.98	PASS
	Ant2	5240	7.01	61.54	2.11	9.12	≤23.98	PASS
	total	5240	---	---	---	12.29	≤21.61	PASS
	Ant1	5260	12.66	61.54	2.11	14.77	≤23.98	PASS
	Ant2	5260	12.27	61.54	2.11	14.38	≤23.98	PASS
	total	5260	---	---	---	17.59	≤21.61	PASS
	Ant1	5300	12.59	61.54	2.11	14.70	≤23.98	PASS
	Ant2	5300	11.65	61.54	2.11	13.76	≤23.98	PASS
	total	5300	---	---	---	17.27	≤21.61	PASS
	Ant1	5320	12.01	61.54	2.11	14.12	≤23.98	PASS
	Ant2	5320	11.22	61.54	2.11	13.33	≤23.98	PASS
	total	5320	---	---	---	16.75	≤21.61	PASS
	Ant1	5500	13.15	61.54	2.11	15.26	≤23.98	PASS
	Ant2	5500	13.01	61.54	2.11	15.12	≤23.98	PASS
	total	5500	---	---	---	18.20	≤21.61	PASS
	Ant1	5580	13.48	61.54	2.11	15.59	≤23.98	PASS
	Ant2	5580	12.94	61.54	2.11	15.05	≤23.98	PASS
	total	5580	---	---	---	18.34	≤21.61	PASS
	Ant1	5700	13.63	61.54	2.11	15.74	≤23.98	PASS
	Ant2	5700	13.33	61.54	2.11	15.44	≤23.98	PASS
	total	5700	---	---	---	18.60	≤21.61	PASS
	Ant1	5745	13.71	61.54	2.11	15.82	≤30.00	PASS
	Ant2	5745	14.74	61.54	2.11	16.85	≤30.00	PASS
	total	5745	---	---	---	19.38	≤27.63	PASS

	Ant1	5785	13.18	61.54	2.11	15.29	≤30.00	PASS
	Ant2	5785	14.53	61.54	2.11	16.64	≤30.00	PASS
	total	5785	---	---	---	19.03	≤27.63	PASS
	Ant1	5825	13.11	61.54	2.11	15.22	≤30.00	PASS
	Ant2	5825	14.19	61.54	2.11	16.30	≤30.00	PASS
	total	5825	---	---	---	18.80	≤27.63	PASS
11N40MIMO	Ant1	5190	6.07	50.00	3.01	9.08	≤23.98	PASS
	Ant2	5190	9.60	50.00	3.01	12.61	≤23.98	PASS
	total	5190	---	---	---	14.20	≤21.61	PASS
	Ant1	5230	6.38	50.00	3.01	9.39	≤23.98	PASS
	Ant2	5230	5.57	50.00	3.01	8.58	≤23.98	PASS
	total	5230	---	---	---	12.01	≤21.61	PASS
	Ant1	5270	11.13	50.00	3.01	14.14	≤23.98	PASS
	Ant2	5270	10.54	50.00	3.01	13.55	≤23.98	PASS
	total	5270	---	---	---	16.87	≤21.61	PASS
	Ant1	5310	10.60	50.00	3.01	13.61	≤23.98	PASS
	Ant2	5310	9.90	50.00	3.01	12.91	≤23.98	PASS
	total	5310	---	---	---	16.28	≤21.61	PASS
	Ant1	5510	12.13	50.00	3.01	15.14	≤23.98	PASS
	Ant2	5510	11.84	50.00	3.01	14.85	≤23.98	PASS
	total	5510	---	---	---	18.01	≤21.61	PASS
	Ant1	5550	12.30	50.00	3.01	15.31	≤23.98	PASS
	Ant2	5550	11.94	50.00	3.01	14.95	≤23.98	PASS
	total	5550	---	---	---	18.14	≤21.61	PASS
	Ant1	5670	12.11	50.00	3.01	15.12	≤23.98	PASS
	Ant2	5670	11.82	50.00	3.01	14.83	≤23.98	PASS
	total	5670	---	---	---	17.99	≤21.61	PASS
	Ant1	5755	12.38	50.00	3.01	15.39	≤30.00	PASS
	Ant2	5755	13.28	50.00	3.01	16.29	≤30.00	PASS
	total	5755	---	---	---	18.87	≤27.63	PASS
	Ant1	5795	11.97	50.00	3.01	14.98	≤30.00	PASS
	Ant2	5795	12.81	50.00	3.01	15.82	≤30.00	PASS
	total	5795	---	---	---	18.43	≤27.63	PASS
11AC20MIMO	Ant1	5180	7.40	58.33	2.34	9.74	≤23.98	PASS
	Ant2	5180	6.84	58.33	2.34	9.18	≤23.98	PASS
	total	5180	---	---	---	12.48	≤21.61	PASS
	Ant1	5200	7.48	60.00	2.22	9.70	≤23.98	PASS
	Ant2	5200	6.93	58.33	2.34	9.27	≤23.98	PASS
	total	5200	---	---	---	12.50	≤21.61	PASS
	Ant1	5240	7.74	60.00	2.22	9.96	≤23.98	PASS
	Ant2	5240	7.03	60.00	2.22	9.25	≤23.98	PASS
	total	5240	---	---	---	12.63	≤21.61	PASS
	Ant1	5260	12.85	60.00	2.22	15.07	≤23.98	PASS
	Ant2	5260	12.23	60.00	2.22	14.45	≤23.98	PASS
	total	5260	---	---	---	17.78	≤21.61	PASS
	Ant1	5300	12.70	58.33	2.34	15.04	≤23.98	PASS
	Ant2	5300	11.74	58.33	2.34	14.08	≤23.98	PASS
	total	5300	---	---	---	17.60	≤21.61	PASS
	Ant1	5320	12.03	60.00	2.22	14.25	≤23.98	PASS
	Ant2	5320	11.51	60.00	2.22	13.73	≤23.98	PASS
	total	5320	---	---	---	17.01	≤21.61	PASS
	Ant1	5500	13.86	60.00	2.22	16.08	≤23.98	PASS
	Ant2	5500	13.48	60.00	2.22	15.70	≤23.98	PASS
	total	5500	---	---	---	18.90	≤21.61	PASS
	Ant1	5580	14.00	58.33	2.34	16.34	≤23.98	PASS
	Ant2	5580	13.27	60.00	2.22	15.49	≤23.98	PASS
	total	5580	---	---	---	18.95	≤21.61	PASS
	Ant1	5700	14.29	60.00	2.22	16.51	≤23.98	PASS
	Ant2	5700	13.92	60.00	2.22	16.14	≤23.98	PASS

	total	5700	---	---	---	19.34	≤21.61	PASS
	Ant1	5745	14.07	60.00	2.22	16.29	≤30.00	PASS
	Ant2	5745	14.08	58.33	2.34	16.42	≤30.00	PASS
	total	5745	---	---	---	19.37	≤27.63	PASS
	Ant1	5785	13.57	60.00	2.22	15.79	≤30.00	PASS
	Ant2	5785	13.62	60.00	2.22	15.84	≤30.00	PASS
	total	5785	---	---	---	18.83	≤27.63	PASS
	Ant1	5825	13.73	60.00	2.22	15.95	≤30.00	PASS
	Ant2	5825	13.33	58.33	2.34	15.67	≤30.00	PASS
	total	5825	---	---	---	18.82	≤27.63	PASS
11AC40MIM O	Ant1	5190	7.02	47.37	3.24	10.26	≤23.98	PASS
	Ant2	5190	6.56	44.44	3.52	10.08	≤23.98	PASS
	total	5190	---	---	---	13.18	≤21.61	PASS
	Ant1	5230	7.24	44.44	3.52	10.76	≤23.98	PASS
	Ant2	5230	6.54	44.44	3.52	10.06	≤23.98	PASS
	total	5230	---	---	---	13.43	≤21.61	PASS
	Ant1	5270	10.92	47.37	3.24	14.16	≤23.98	PASS
	Ant2	5270	10.69	44.44	3.52	14.21	≤23.98	PASS
	total	5270	---	---	---	17.20	≤21.61	PASS
	Ant1	5310	10.56	44.44	3.52	14.08	≤23.98	PASS
	Ant2	5310	10.08	44.44	3.52	13.60	≤23.98	PASS
	total	5310	---	---	---	16.86	≤21.61	PASS
	Ant1	5510	11.10	44.44	3.52	14.62	≤23.98	PASS
	Ant2	5510	11.72	44.44	3.52	15.24	≤23.98	PASS
	total	5510	---	---	---	17.95	≤21.61	PASS
	Ant1	5550	11.36	47.37	3.24	14.60	≤23.98	PASS
	Ant2	5550	11.85	44.44	3.52	15.37	≤23.98	PASS
	total	5550	---	---	---	18.01	≤21.61	PASS
	Ant1	5670	10.58	44.44	3.52	14.10	≤23.98	PASS
	Ant2	5670	12.11	47.37	3.24	15.35	≤23.98	PASS
	total	5670	---	---	---	17.78	≤21.61	PASS
	Ant1	5755	11.62	44.44	3.52	15.14	≤30.00	PASS
	Ant2	5755	12.32	47.37	3.24	15.56	≤30.00	PASS
	total	5755	---	---	---	18.37	≤27.63	PASS
	Ant1	5795	11.48	47.37	3.24	14.72	≤30.00	PASS
	Ant2	5795	12.14	44.44	3.52	15.66	≤30.00	PASS
	total	5795	---	---	---	18.23	≤27.63	PASS
11AC80MIM O	Ant1	5210	9.24	41.18	3.85	13.09	≤23.98	PASS
	Ant2	5210	10.44	37.50	4.26	14.70	≤23.98	PASS
	total	5210	---	---	---	16.98	≤21.61	PASS
	Ant1	5290	10.14	41.18	3.85	13.99	≤23.98	PASS
	Ant2	5290	9.69	37.50	4.26	13.95	≤23.98	PASS
	total	5290	---	---	---	16.98	≤21.61	PASS
	Ant1	5530	11.27	37.50	4.26	15.53	≤23.98	PASS
	Ant2	5530	11.61	37.50	4.26	15.87	≤23.98	PASS
	total	5530	---	---	---	18.71	≤21.61	PASS
	Ant1	5610	10.39	37.50	4.26	14.65	≤23.98	PASS
	Ant2	5610	10.94	37.50	4.26	15.20	≤23.98	PASS
	total	5610	---	---	---	17.94	≤21.61	PASS
	Ant1	5775	11.19	41.18	3.85	15.04	≤30.00	PASS
	Ant2	5775	11.47	41.18	3.85	15.32	≤30.00	PASS
	total	5775	---	---	---	18.19	≤27.63	PASS
11AX20MIMO	Ant1	5180	9.05	91.07	0.41	9.46	≤23.98	PASS
	Ant2	5180	7.69	75.00	1.25	8.94	≤23.98	PASS
	total	5180	---	---	---	12.22	≤21.61	PASS
	Ant1	5200	8.24	75.56	1.22	9.46	≤23.98	PASS
	Ant2	5200	7.43	75.56	1.22	8.65	≤23.98	PASS
	total	5200	---	---	---	12.08	≤21.61	PASS
	Ant1	5240	8.46	75.00	1.25	9.71	≤23.98	PASS

	Ant2	5240	7.44	91.07	0.41	7.85	≤23.98	PASS
	total	5240	---	---	---	11.89	≤21.61	PASS
	Ant1	5260	13.12	91.07	0.41	13.53	≤23.98	PASS
	Ant2	5260	13.50	91.07	0.41	13.91	≤23.98	PASS
	total	5260	---	---	---	16.73	≤21.61	PASS
	Ant1	5300	13.48	91.07	0.41	13.89	≤23.98	PASS
	Ant2	5300	13.12	91.07	0.41	13.53	≤23.98	PASS
	total	5300	---	---	---	16.72	≤21.61	PASS
	Ant1	5320	12.55	75.00	1.25	13.80	≤23.98	PASS
	Ant2	5320	12.41	91.07	0.41	12.82	≤23.98	PASS
	total	5320	---	---	---	16.35	≤21.61	PASS
	Ant1	5500	14.07	75.00	1.25	15.32	≤23.98	PASS
	Ant2	5500	13.87	91.07	0.41	14.28	≤23.98	PASS
	total	5500	---	---	---	17.84	≤21.61	PASS
	Ant1	5580	14.26	91.07	0.41	14.67	≤23.98	PASS
	Ant2	5580	12.67	91.07	0.41	13.08	≤23.98	PASS
	total	5580	---	---	---	16.96	≤21.61	PASS
	Ant1	5700	13.83	75.56	1.22	15.05	≤23.98	PASS
	Ant2	5700	13.06	91.07	0.41	13.47	≤23.98	PASS
	total	5700	---	---	---	17.34	≤21.61	PASS
	Ant1	5745	14.09	91.07	0.41	14.50	≤30.00	PASS
	Ant2	5745	14.73	91.07	0.41	15.14	≤30.00	PASS
	total	5745	---	---	---	17.84	≤27.63	PASS
	Ant1	5785	13.26	91.07	0.41	13.67	≤30.00	PASS
	Ant2	5785	13.64	75.00	1.25	14.89	≤30.00	PASS
	total	5785	---	---	---	17.33	≤27.63	PASS
	Ant1	5825	13.48	91.07	0.41	13.89	≤30.00	PASS
	Ant2	5825	13.26	91.07	0.41	13.67	≤30.00	PASS
	total	5825	---	---	---	16.79	≤27.63	PASS
11AX40MIMO	Ant1	5190	7.17	47.37	3.24	10.41	≤23.98	PASS
	Ant2	5190	6.68	47.37	3.24	9.92	≤23.98	PASS
	total	5190	---	---	---	13.18	≤21.61	PASS
	Ant1	5230	7.59	44.44	3.52	11.11	≤23.98	PASS
	Ant2	5230	5.98	47.37	3.24	9.22	≤23.98	PASS
	total	5230	---	---	---	13.28	≤21.61	PASS
	Ant1	5270	10.23	44.44	3.52	13.75	≤23.98	PASS
	Ant2	5270	9.78	47.37	3.24	13.02	≤23.98	PASS
	total	5270	---	---	---	16.41	≤21.61	PASS
	Ant1	5310	10.16	47.37	3.24	13.40	≤23.98	PASS
	Ant2	5310	10.01	44.44	3.52	13.53	≤23.98	PASS
	total	5310	---	---	---	16.48	≤21.61	PASS
	Ant1	5510	10.52	47.37	3.24	13.76	≤23.98	PASS
	Ant2	5510	10.57	44.44	3.52	14.09	≤23.98	PASS
	total	5510	---	---	---	16.94	≤21.61	PASS
	Ant1	5550	10.97	47.37	3.24	14.21	≤23.98	PASS
	Ant2	5550	10.66	44.44	3.52	14.18	≤23.98	PASS
	total	5550	---	---	---	17.21	≤21.61	PASS
	Ant1	5670	10.12	44.44	3.52	13.64	≤23.98	PASS
	Ant2	5670	11.27	47.37	3.24	14.51	≤23.98	PASS
	total	5670	---	---	---	17.11	≤21.61	PASS
	Ant1	5755	11.23	47.37	3.24	14.47	≤30.00	PASS
	Ant2	5755	8.78	44.44	3.52	12.30	≤30.00	PASS
	total	5755	---	---	---	16.53	≤27.63	PASS
	Ant1	5795	11.09	47.37	3.24	14.33	≤30.00	PASS
	Ant2	5795	11.34	47.37	3.24	14.58	≤30.00	PASS
	total	5795	---	---	---	17.47	≤27.63	PASS
11AX80MIMO	Ant1	5210	6.92	44.44	3.52	10.44	≤23.98	PASS
	Ant2	5210	9.37	44.44	3.52	12.89	≤23.98	PASS
	total	5210	---	---	---	14.85	≤21.61	PASS

	Ant1	5290	9.23	44.44	3.52	12.75	≤23.98	PASS
	Ant2	5290	9.82	44.44	3.52	13.34	≤23.98	PASS
	total	5290	---	---	---	16.07	≤21.61	PASS
	Ant1	5530	10.71	44.44	3.52	14.23	≤23.98	PASS
	Ant2	5530	10.10	41.18	3.85	13.95	≤23.98	PASS
	total	5530	---	---	---	17.10	≤21.61	PASS
	Ant1	5610	9.51	44.44	3.52	13.03	≤23.98	PASS
	Ant2	5610	9.02	41.18	3.85	12.87	≤23.98	PASS
	total	5610	---	---	---	15.96	≤21.61	PASS
	Ant1	5775	10.54	44.44	3.52	14.06	≤30.00	PASS
	Ant2	5775	9.77	44.44	3.52	13.29	≤30.00	PASS
	total	5775	---	---	---	16.70	≤27.63	PASS

Note : The Duty Cycle Factor is compensated in the graph.

Test Graphs Channel Power

