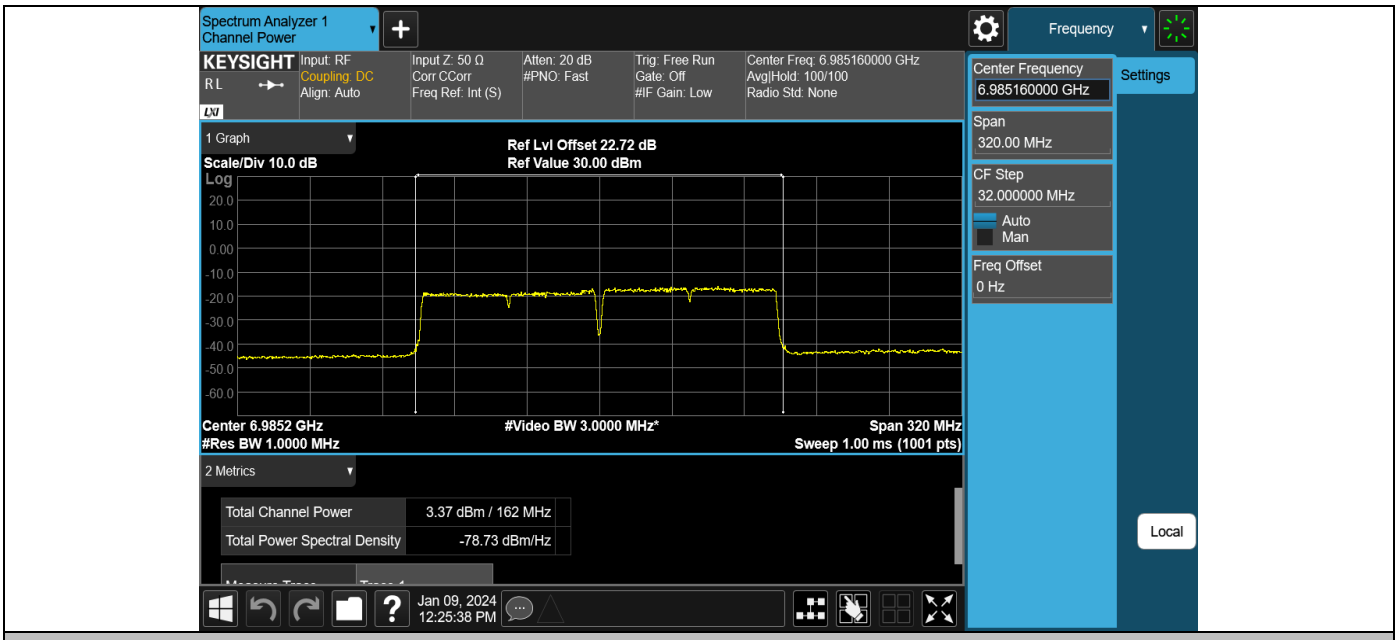
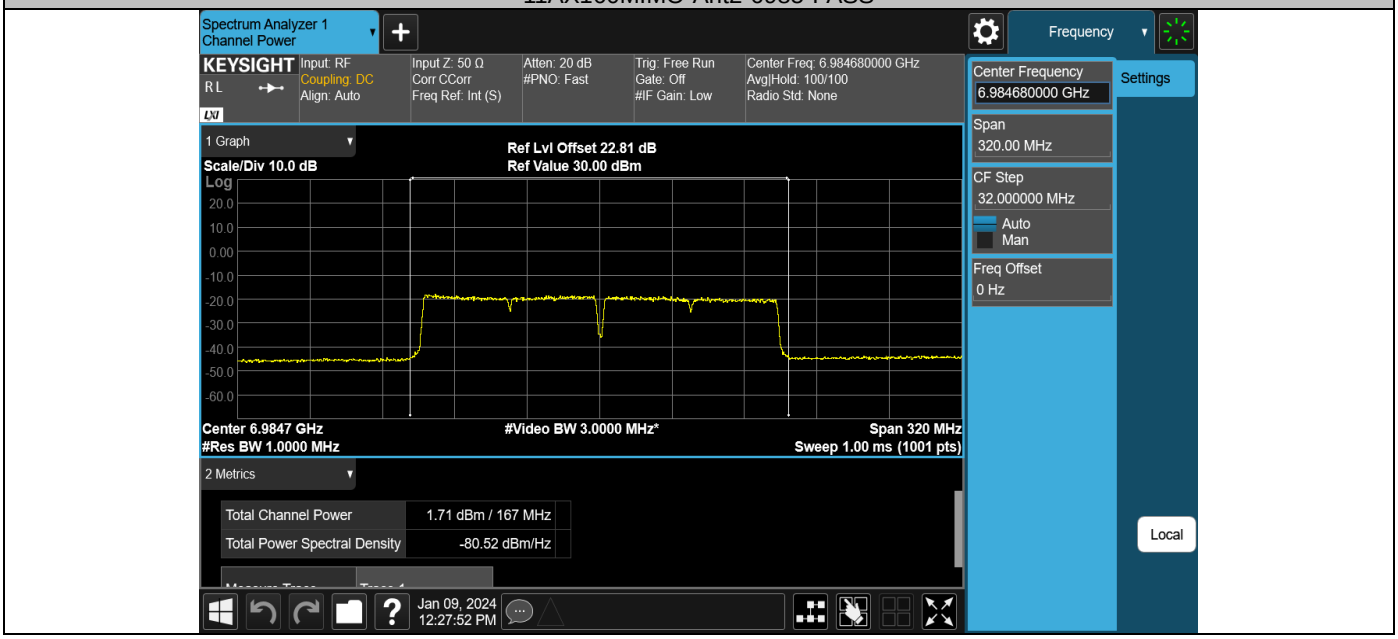


11AX160MIMO-Ant2-6985-PASS



Appendix D: Maximum power spectral density

Test Result

TestMode	Antenna	Frequency [MHz]	Channel Powert [dBm]	DC Factor [dBm]	Result [dBm/MHz]	Gain [dBi]	EIRP [dBm/MHz]	Limit [dBm/MHz]	Verdict
11AX20MIMO	Ant1	5955	-10.46	3.55	-6.91	-0.25	-7.16	≤-1.00	PASS
11AX20MIMO	Ant2	5955	-5.66	3.55	-2.11	-0.25	-2.36	≤-1.00	PASS
11AX20MIMO	total	5955		---	-0.87	---	-1.12	≤-1.00	PASS
11AX20MIMO	Ant1	6175	-12.48	3.55	-8.93	-0.25	-9.18	≤-1.00	PASS
11AX20MIMO	Ant2	6175	-10.6	3.57	-7.03	-0.25	-7.28	≤-1.00	PASS
11AX20MIMO	total	6175		---	-4.87	---	-5.12	≤-1.00	PASS
11AX20MIMO	Ant1	6415	-11.62	4.41	-7.21	-0.25	-7.46	≤-1.00	PASS
11AX20MIMO	Ant2	6415	-14.16	3.55	-10.61	-0.25	-10.86	≤-1.00	PASS
11AX20MIMO	total	6415		---	-5.58	---	-5.83	≤-1.00	PASS
11AX20MIMO	Ant1	6435	-7.03	3.55	-3.48	-0.25	-3.73	≤-1.00	PASS
11AX20MIMO	Ant2	6435	-9.42	3.55	-5.87	-0.25	-6.12	≤-1.00	PASS
11AX20MIMO	total	6435		---	-1.50	---	-1.75	≤-1.00	PASS
11AX20MIMO	Ant1	6475	-7.34	3.55	-3.79	-0.25	-4.04	≤-1.00	PASS
11AX20MIMO	Ant2	6475	-8.06	3.55	-4.51	-0.25	-4.76	≤-1.00	PASS
11AX20MIMO	total	6475		---	-1.12	---	-1.37	≤-1.00	PASS
11AX20MIMO	Ant1	6515	-9.04	3.57	-5.47	-0.25	-5.72	≤-1.00	PASS
11AX20MIMO	Ant2	6515	-8.52	3.55	-4.97	-0.25	-5.22	≤-1.00	PASS
11AX20MIMO	total	6515		---	-2.20	---	-2.45	≤-1.00	PASS
11AX20MIMO	Ant1	6535	-9.10	3.55	-5.55	-0.25	-5.80	≤-1.00	PASS
11AX20MIMO	Ant2	6535	-6.99	3.55	-3.44	-0.25	-3.69	≤-1.00	PASS
11AX20MIMO	total	6535		---	-1.36	---	-1.61	≤-1.00	PASS
11AX20MIMO	Ant1	6695	-7.53	3.55	-3.98	-0.25	-4.23	≤-1.00	PASS
11AX20MIMO	Ant2	6695	-10.48	3.55	-6.93	-0.25	-7.18	≤-1.00	PASS
11AX20MIMO	total	6695		---	-2.20	---	-2.45	≤-1.00	PASS
11AX20MIMO	Ant1	6855	-7.19	2.85	-4.34	-0.25	-4.59	≤-1.00	PASS
11AX20MIMO	Ant2	6855	-6.98	2.83	-4.15	-0.25	-4.40	≤-1.00	PASS
11AX20MIMO	total	6855		---	-1.23	---	-1.48	≤-1.00	PASS
11AX20MIMO	Ant1	6875	-6.87	2.83	-4.04	-0.25	-4.29	≤-1.00	PASS
11AX20MIMO	Ant2	6875	-7.60	2.85	-4.75	-0.25	-5.00	≤-1.00	PASS
11AX20MIMO	total	6875		---	-1.37	---	-1.62	≤-1.00	PASS
11AX20MIMO	Ant1	6895	-8.16	2.83	-5.33	-0.25	-5.58	≤-1.00	PASS
11AX20MIMO	Ant2	6895	-7.62	2.85	-4.77	-0.25	-5.02	≤-1.00	PASS
11AX20MIMO	total	6895		---	-2.03	---	-2.28	≤-1.00	PASS
11AX20MIMO	Ant1	6995	-7.01	2.83	-4.18	-0.25	-4.43	≤-1.00	PASS
11AX20MIMO	Ant2	6995	-9.12	2.83	-6.29	-0.25	-6.54	≤-1.00	PASS
11AX20MIMO	total	6995		---	-2.10	---	-2.35	≤-1.00	PASS
11AX20MIMO	Ant1	7115	-7.55	2.83	-4.72	-0.25	-4.97	≤-1.00	PASS
11AX20MIMO	Ant2	7115	-7.89	2.85	-5.04	-0.25	-5.29	≤-1.00	PASS
11AX20MIMO	total	7115		---	-1.87	---	-2.12	≤-1.00	PASS
11AX40MIMO	Ant1	5965	-10.33	5.32	-5.01	-0.25	-5.26	≤-1.00	PASS
11AX40MIMO	Ant2	5965	-11.01	5.32	-5.69	-0.25	-5.94	≤-1.00	PASS
11AX40MIMO	total	5965		---	-2.33	---	-2.58	≤-1.00	PASS
11AX40MIMO	Ant1	6165	-12.96	5.07	-7.89	-0.25	-8.14	≤-1.00	PASS
11AX40MIMO	Ant2	6165	-11.43	5.07	-6.36	-0.25	-6.61	≤-1.00	PASS
11AX40MIMO	total	6165		---	-4.05	---	-4.30	≤-1.00	PASS
11AX40MIMO	Ant1	6405	-12.22	5.07	-7.15	-0.25	-7.40	≤-1.00	PASS
11AX40MIMO	Ant2	6405	-14.98	5.07	-9.91	-0.25	-10.16	≤-1.00	PASS
11AX40MIMO	total	6405		---	-5.30	---	-5.55	≤-1.00	PASS
11AX40MIMO	Ant1	6445	-10.92	5.04	-5.87	-0.25	-6.12	≤-1.00	PASS
11AX40MIMO	Ant2	6445	-11.96	4.99	-6.97	-0.25	-7.22	≤-1.00	PASS
11AX40MIMO	total	6445		---	-3.37	---	-3.62	≤-1.00	PASS

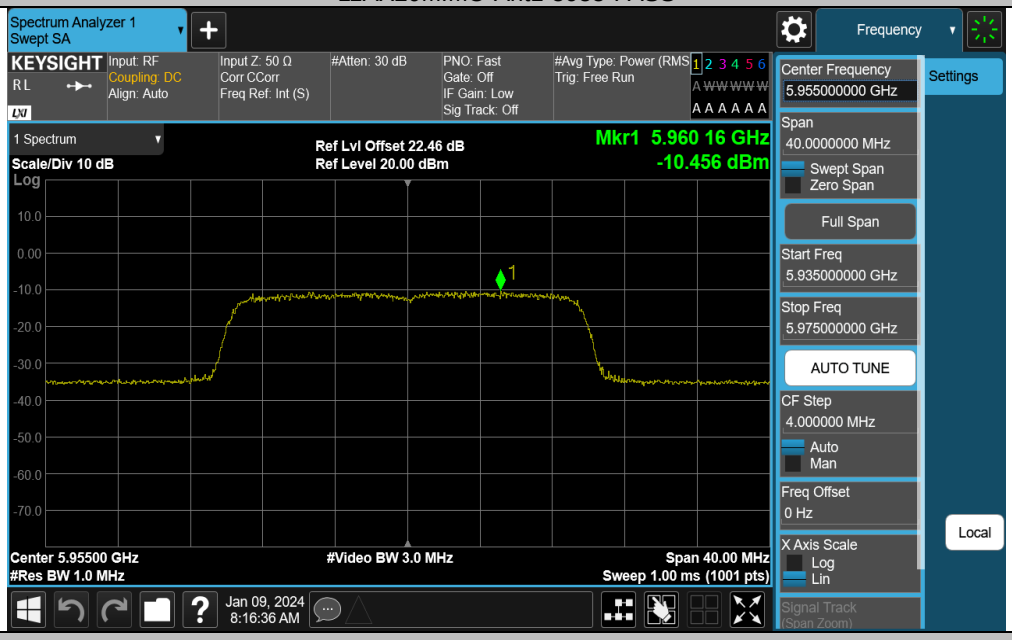
11AX40MIMO	Ant1	6485	-12.32	5.04	-7.28	-0.25	-7.53	≤-1.00	PASS
11AX40MIMO	Ant2	6485	-12.44	5.04	-7.40	-0.25	-7.65	≤-1.00	PASS
11AX40MIMO	total	6485		---	-4.33	---	-4.58	≤-1.00	PASS
11AX40MIMO	Ant1	6525	-12.45	5.07	-7.38	-0.25	-7.63	≤-1.00	PASS
11AX40MIMO	Ant2	6525	-11.81	5.07	-6.74	-0.25	-6.99	≤-1.00	PASS
11AX40MIMO	total	6525		---	-4.04	---	-4.29	≤-1.00	PASS
11AX40MIMO	Ant1	6565	-12.28	5.04	-7.24	-0.25	-7.49	≤-1.00	PASS
11AX40MIMO	Ant2	6565	-12.44	5.07	-7.37	-0.25	-7.62	≤-1.00	PASS
11AX40MIMO	total	6565		---	-4.29	---	-4.54	≤-1.00	PASS
11AX40MIMO	Ant1	6685	-13.79	5.07	-8.72	-0.25	-8.97	≤-1.00	PASS
11AX40MIMO	Ant2	6685	-13.83	5.07	-8.76	-0.25	-9.01	≤-1.00	PASS
11AX40MIMO	total	6685		---	-5.73	---	-5.98	≤-1.00	PASS
11AX40MIMO	Ant1	6845	-12.05	5.07	-6.98	-0.25	-7.23	≤-1.00	PASS
11AX40MIMO	Ant2	6845	-11.15	5.04	-6.11	-0.25	-6.36	≤-1.00	PASS
11AX40MIMO	total	6845		---	-3.51	---	-3.76	≤-1.00	PASS
11AX40MIMO	Ant1	6885	-12.65	5.40	-7.25	-0.25	-7.50	≤-1.00	PASS
11AX40MIMO	Ant2	6885	-12.01	5.40	-6.61	-0.25	-6.86	≤-1.00	PASS
11AX40MIMO	total	6885		---	-3.91	---	-4.16	≤-1.00	PASS
11AX40MIMO	Ant1	6925	-11.92	5.32	-6.60	-0.25	-6.85	≤-1.00	PASS
11AX40MIMO	Ant2	6925	-11.84	5.32	-6.52	-0.25	-6.77	≤-1.00	PASS
11AX40MIMO	total	6925		---	-3.55	---	-3.80	≤-1.00	PASS
11AX40MIMO	Ant1	6965	-11.51	5.34	-6.17	-0.25	-6.42	≤-1.00	PASS
11AX40MIMO	Ant2	6965	-14.46	5.32	-9.14	-0.25	-9.39	≤-1.00	PASS
11AX40MIMO	total	6965		---	-4.40	---	-4.65	≤-1.00	PASS
11AX40MIMO	Ant1	7085	-12.13	5.34	-6.79	-0.25	-7.04	≤-1.00	PASS
11AX40MIMO	Ant2	7085	-12.58	5.32	-7.26	-0.25	-7.51	≤-1.00	PASS
11AX40MIMO	total	7085		---	-4.01	---	-4.26	≤-1.00	PASS
11AX80MIMO	Ant1	5985	-14.07	7.38	-6.69	-0.25	-6.94	≤-1.00	PASS
11AX80MIMO	Ant2	5985	-15.83	7.38	-8.45	-0.25	-8.70	≤-1.00	PASS
11AX80MIMO	total	5985		---	-4.47	---	-4.72	≤-1.00	PASS
11AX80MIMO	Ant1	6145	-18.42	7.40	-11.02	-0.25	-11.27	≤-1.00	PASS
11AX80MIMO	Ant2	6145	-16.88	7.38	-9.50	-0.25	-9.75	≤-1.00	PASS
11AX80MIMO	total	6145		---	-7.18	---	-7.43	≤-1.00	PASS
11AX80MIMO	Ant1	6385	-16.36	7.38	-8.98	-0.25	-9.23	≤-1.00	PASS
11AX80MIMO	Ant2	6385	-20.46	7.38	-13.08	-0.25	-13.33	≤-1.00	PASS
11AX80MIMO	total	6385		---	-7.55	---	-7.80	≤-1.00	PASS
11AX80MIMO	Ant1	6465	-15.46	7.38	-8.08	-0.25	-8.33	≤-1.00	PASS
11AX80MIMO	Ant2	6465	-17.29	7.38	-9.91	-0.25	-10.16	≤-1.00	PASS
11AX80MIMO	total	6465		---	-5.89	---	-6.14	≤-1.00	PASS
11AX80MIMO	Ant1	6545	-15.55	7.40	-8.15	-0.25	-8.40	≤-1.00	PASS
11AX80MIMO	Ant2	6545	-13.12	7.38	-5.74	-0.25	-5.99	≤-1.00	PASS
11AX80MIMO	total	6545		---	-3.77	---	-4.02	≤-1.00	PASS
11AX80MIMO	Ant1	6625	-15.76	7.38	-8.38	-0.25	-8.63	≤-1.00	PASS
11AX80MIMO	Ant2	6625	-16.18	7.38	-8.80	-0.25	-9.05	≤-1.00	PASS
11AX80MIMO	total	6625		---	-5.57	---	-5.82	≤-1.00	PASS
11AX80MIMO	Ant1	6705	-15.91	7.38	-8.53	-0.25	-8.78	≤-1.00	PASS
11AX80MIMO	Ant2	6705	-19.53	7.38	-12.15	-0.25	-12.40	≤-1.00	PASS
11AX80MIMO	total	6705		---	-6.96	---	-7.21	≤-1.00	PASS
11AX80MIMO	Ant1	6785	-16.07	7.53	-8.54	-0.25	-8.79	≤-1.00	PASS
11AX80MIMO	Ant2	6785	-16.34	7.38	-8.96	-0.25	-9.21	≤-1.00	PASS
11AX80MIMO	total	6785		---	-5.73	---	-5.98	≤-1.00	PASS
11AX80MIMO	Ant1	6865	-14.80	7.38	-7.42	-0.25	-7.67	≤-1.00	PASS
11AX80MIMO	Ant2	6865	-14.42	7.38	-7.04	-0.25	-7.29	≤-1.00	PASS
11AX80MIMO	total	6865		---	-4.22	---	-4.47	≤-1.00	PASS
11AX80MIMO	Ant1	6945	-13.39	7.40	-5.99	-0.25	-6.24	≤-1.00	PASS
11AX80MIMO	Ant2	6945	-15.54	7.38	-8.16	-0.25	-8.41	≤-1.00	PASS
11AX80MIMO	total	6945		---	-3.93	---	-4.18	≤-1.00	PASS
11AX80MIMO	Ant1	7025	-14.90	7.38	-7.52	-0.25	-7.77	≤-1.00	PASS
11AX80MIMO	Ant2	7025	-16.95	7.38	-9.57	-0.25	-9.82	≤-1.00	PASS

11AX80MIMO	total	7025		---	-5.41	---	-5.66	≤-1.00	PASS
11AX160MIMO	Ant1	6025	-20.18	9.48	-10.70	-0.25	-10.95	≤-1.00	PASS
11AX160MIMO	Ant2	6025	-19.85	9.48	-10.37	-0.25	-10.62	≤-1.00	PASS
11AX160MIMO	total	6025		---	-7.52	---	-7.77	≤-1.00	PASS
11AX160MIMO	Ant1	6185	-18.91	9.48	-9.43	-0.25	-9.68	≤-1.00	PASS
11AX160MIMO	Ant2	6185	-18.14	9.22	-8.92	-0.25	-9.17	≤-1.00	PASS
11AX160MIMO	total	6185		---	-6.16	---	-6.41	≤-1.00	PASS
11AX160MIMO	Ant1	6345	-21.43	9.22	-12.21	-0.25	-12.46	≤-1.00	PASS
11AX160MIMO	Ant2	6345	-22.16	9.48	-12.67	-0.25	-12.92	≤-1.00	PASS
11AX160MIMO	total	6345		---	-9.42	---	-9.67	≤-1.00	PASS
11AX160MIMO	Ant1	6505	-22.01	9.48	-12.53	-0.25	-12.78	≤-1.00	PASS
11AX160MIMO	Ant2	6505	-20.80	9.48	-11.32	-0.25	-11.57	≤-1.00	PASS
11AX160MIMO	total	6505		---	-8.87	---	-9.12	≤-1.00	PASS
11AX160MIMO	Ant1	6665	-22.01	9.48	-12.53	-0.25	-12.78	≤-1.00	PASS
11AX160MIMO	Ant2	6665	-22.65	9.22	-13.43	-0.25	-13.68	≤-1.00	PASS
11AX160MIMO	total	6665		---	-9.95	---	-10.20	≤-1.00	PASS
11AX160MIMO	Ant1	6825	-20.57	9.48	-11.09	-0.25	-11.34	≤-1.00	PASS
11AX160MIMO	Ant2	6825	-20.74	9.48	-11.26	-0.25	-11.51	≤-1.00	PASS
11AX160MIMO	total	6825		---	-8.16	---	-8.41	≤-1.00	PASS
11AX160MIMO	Ant1	6985	-17.22	4.62	-12.60	-0.25	-12.85	≤-1.00	PASS
11AX160MIMO	Ant2	6985	-17.72	4.64	-13.08	-0.25	-13.33	≤-1.00	PASS
11AX160MIMO	total	6985		---	-9.82	---	-10.07	≤-1.00	PASS

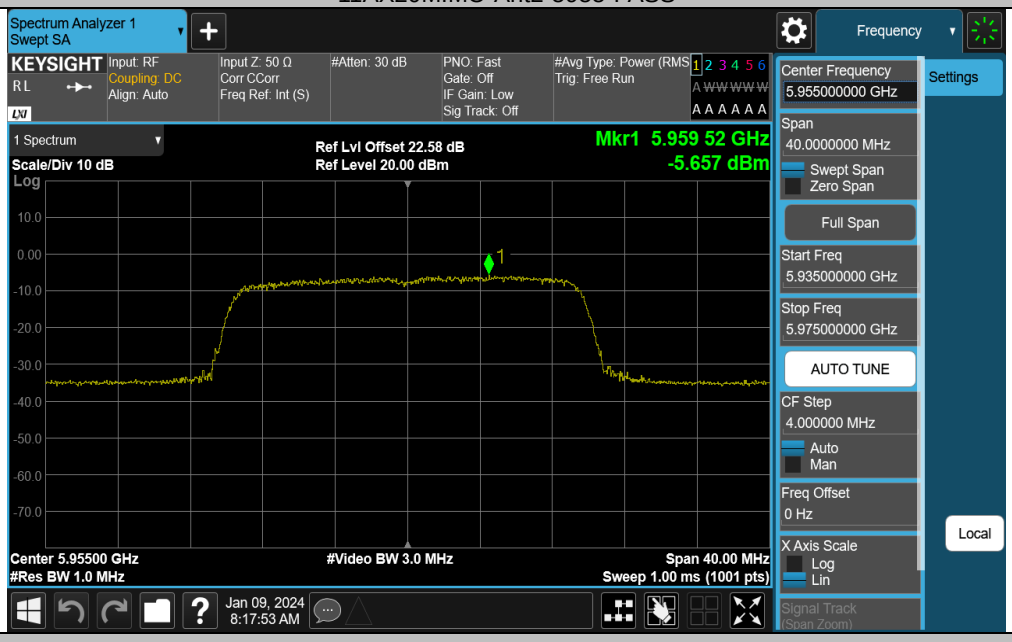
Note：1.The Duty Cycle Factor and RBW Factor is compensated in the graph.

Test Graphs

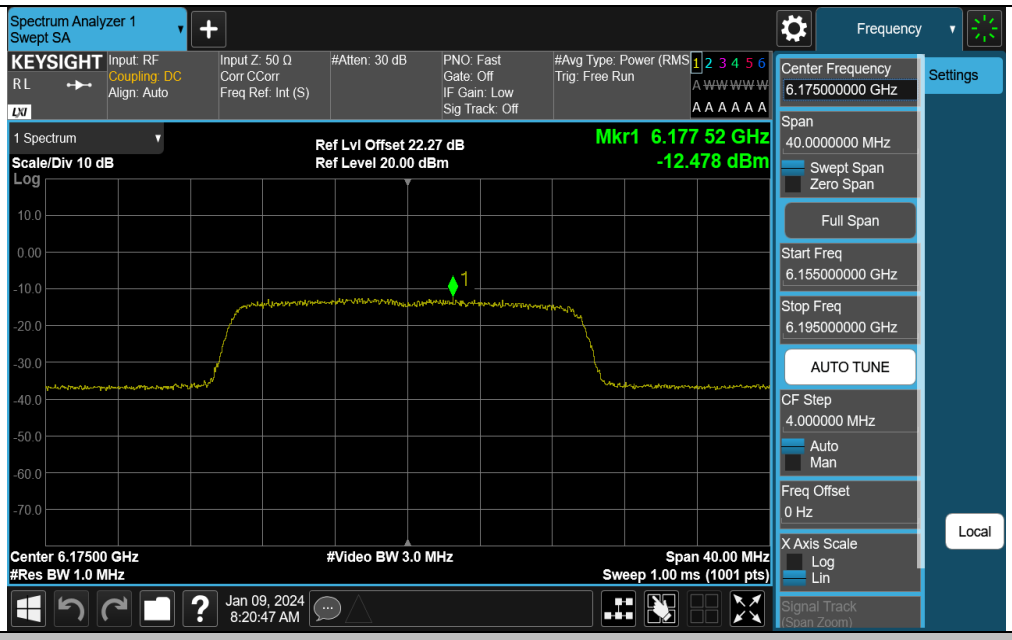
11AX20MIMO-Ant1-5955-PASS



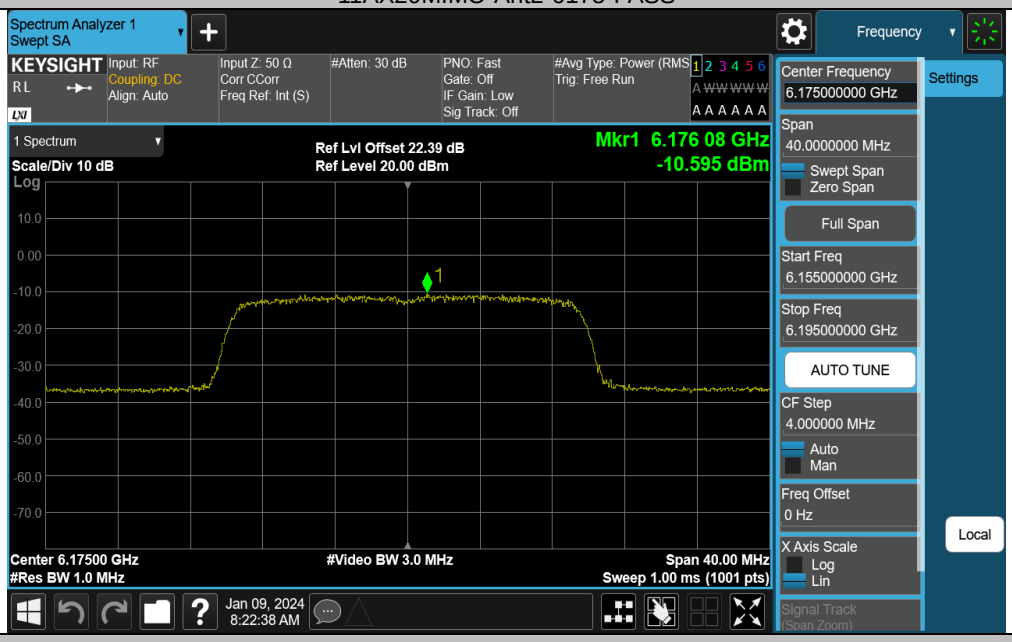
11AX20MIMO-Ant2-5955-PASS



11AX20MIMO-Ant1-6175-PASS



11AX20MIMO-Ant2-6175-PASS



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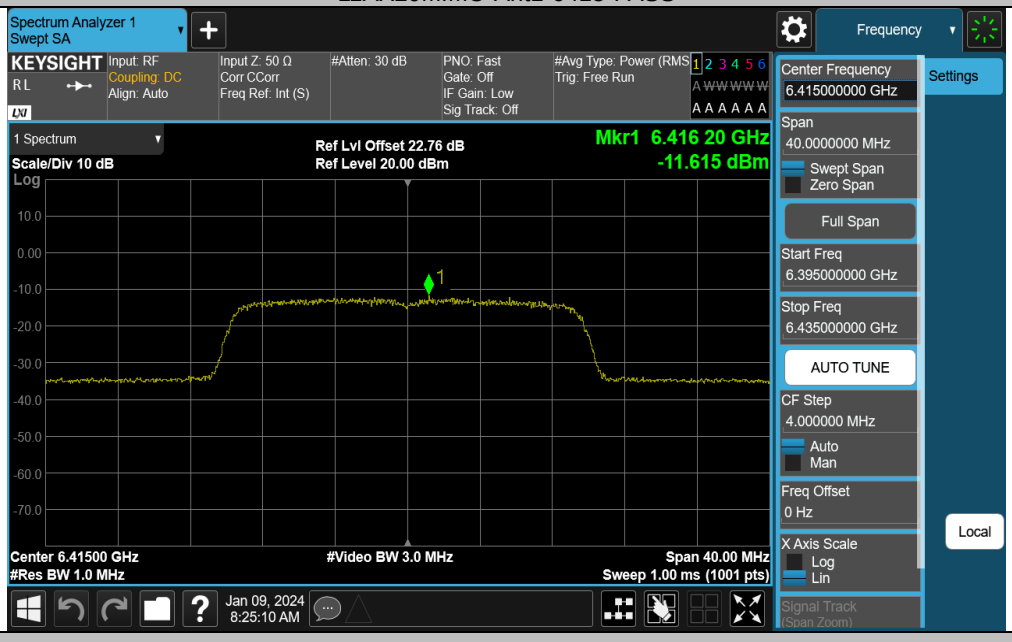
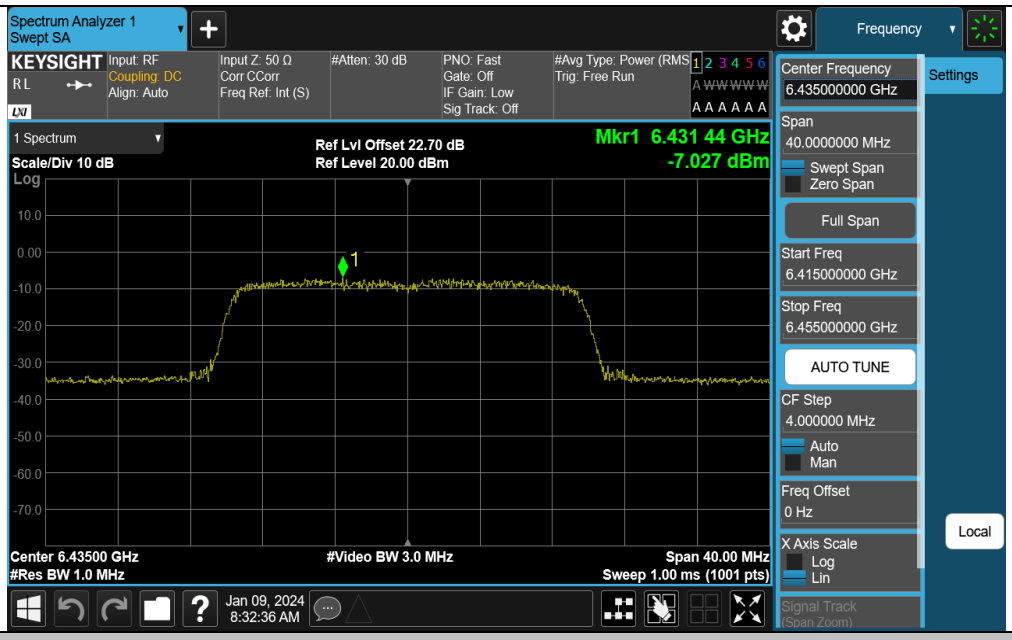
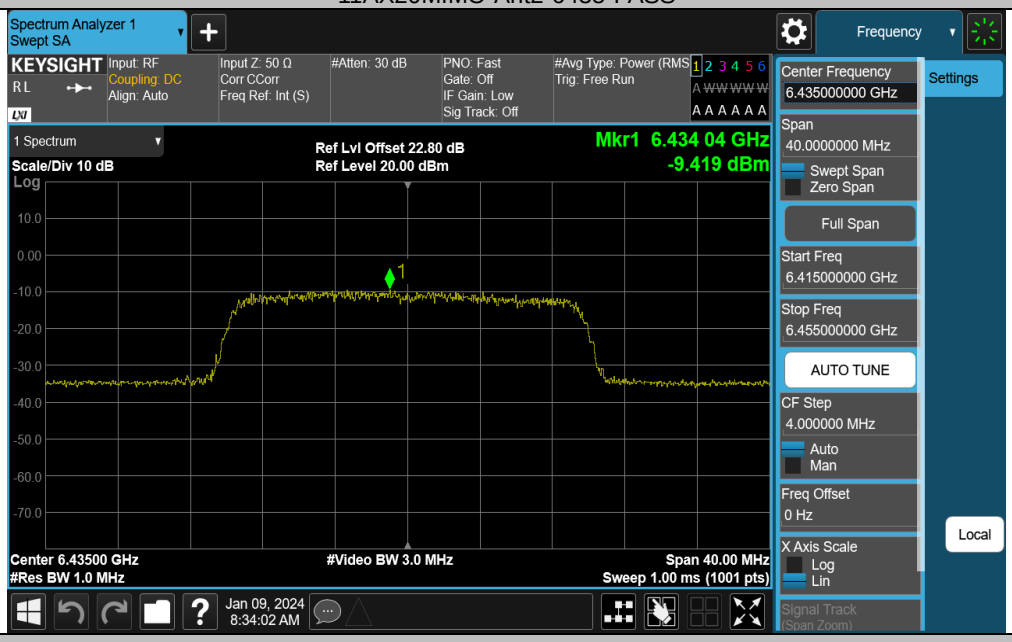


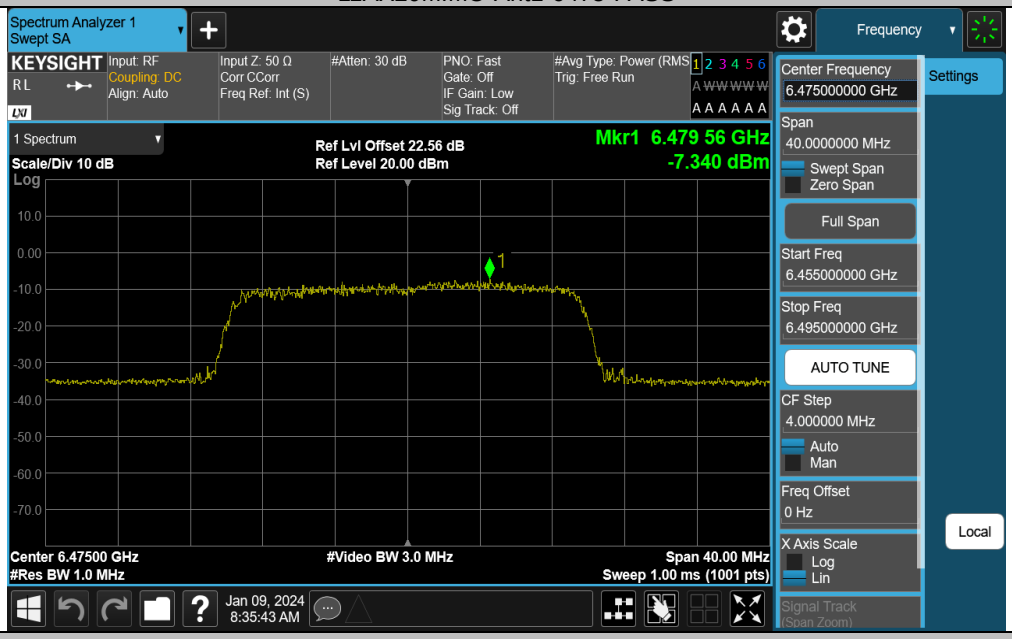
11AX20MIMO-Ant1-6435-PASS



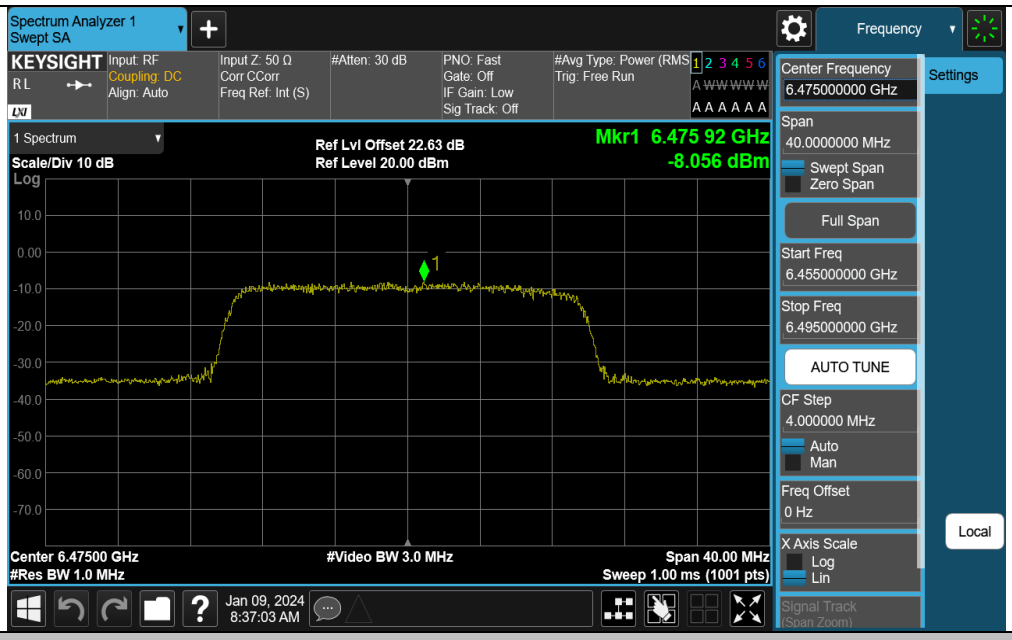
11AX20MIMO-Ant2-6435-PASS



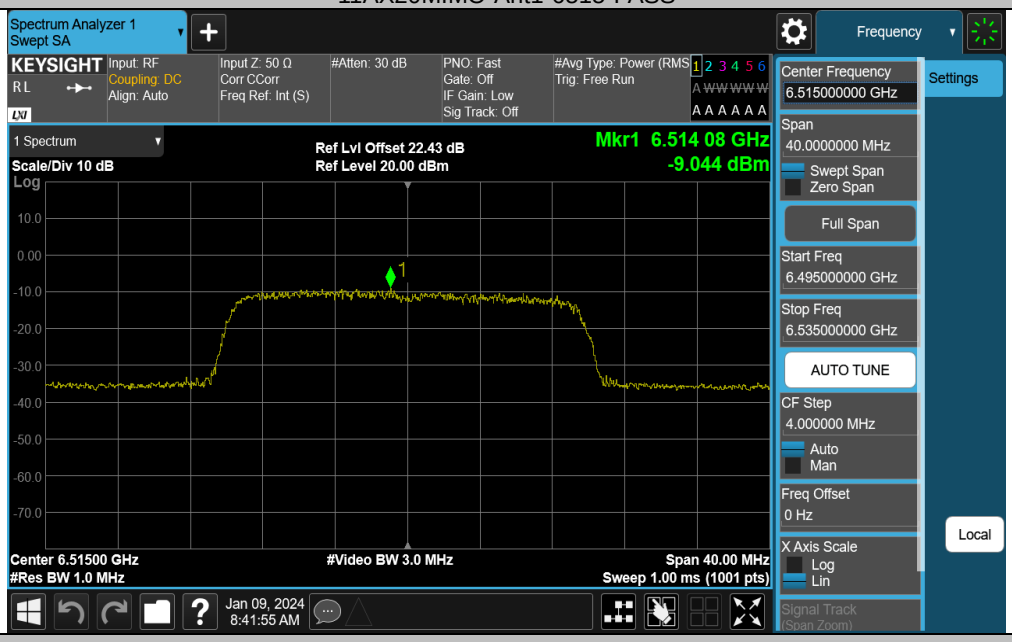
11AX20MIMO-Ant1-6475-PASS



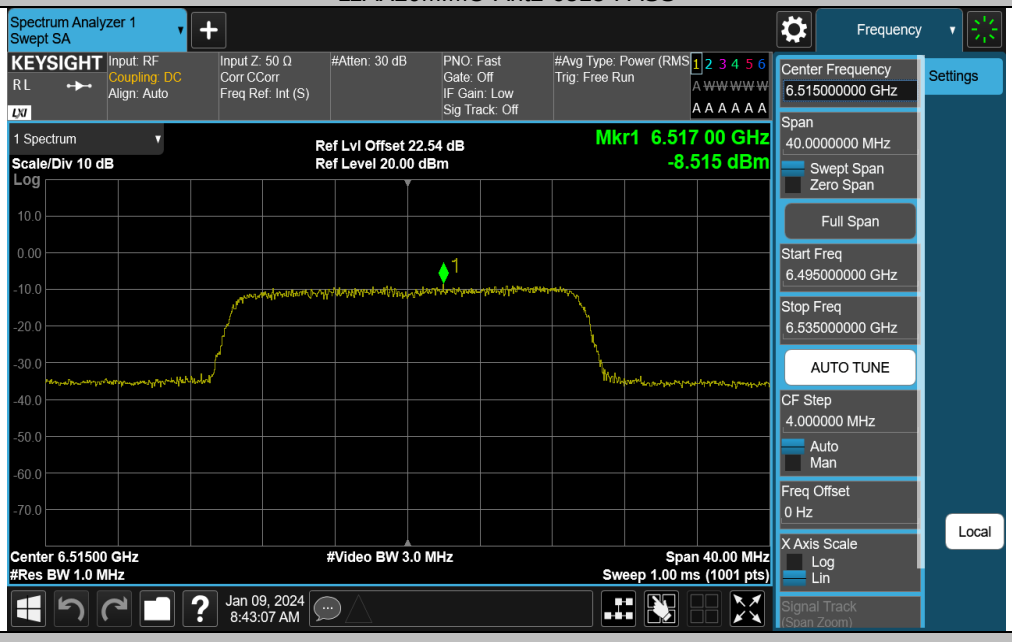
11AX20MIMO-Ant2-6475-PASS



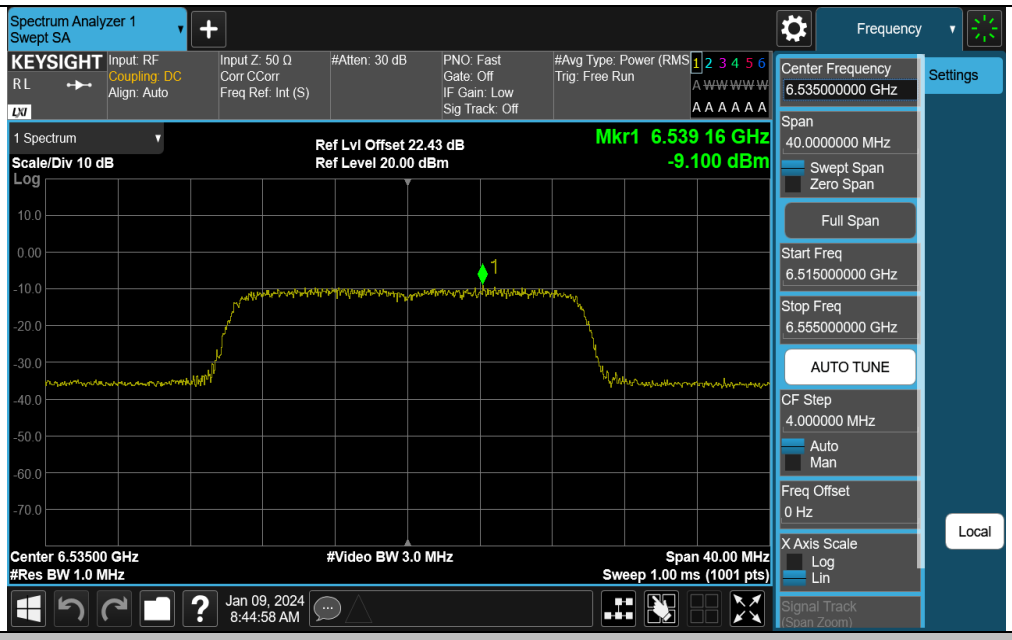
11AX20MIMO-Ant1-6515-PASS



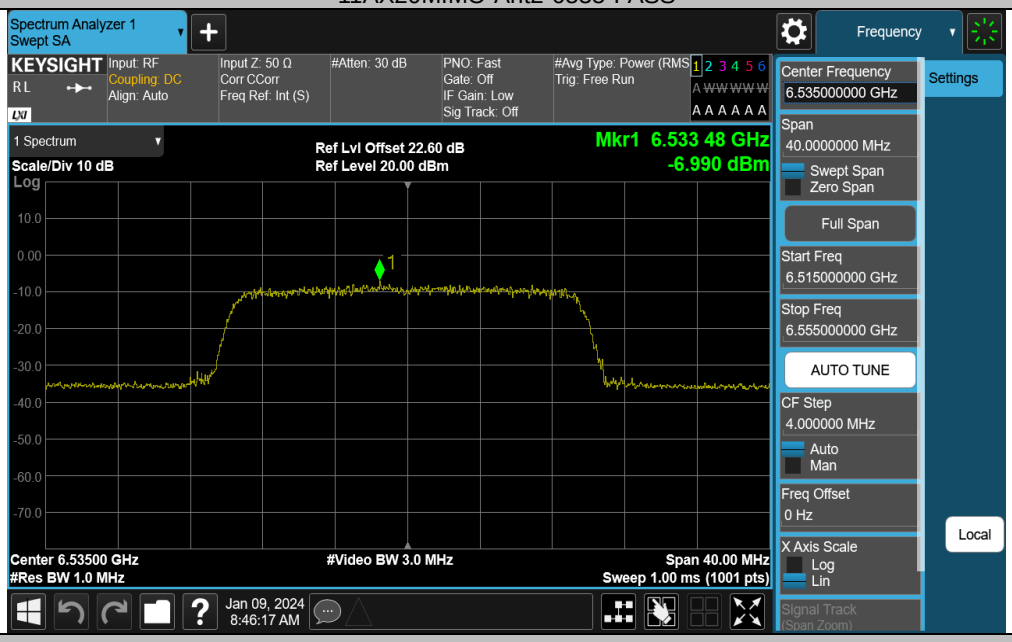
11AX20MIMO-Ant2-6515-PASS



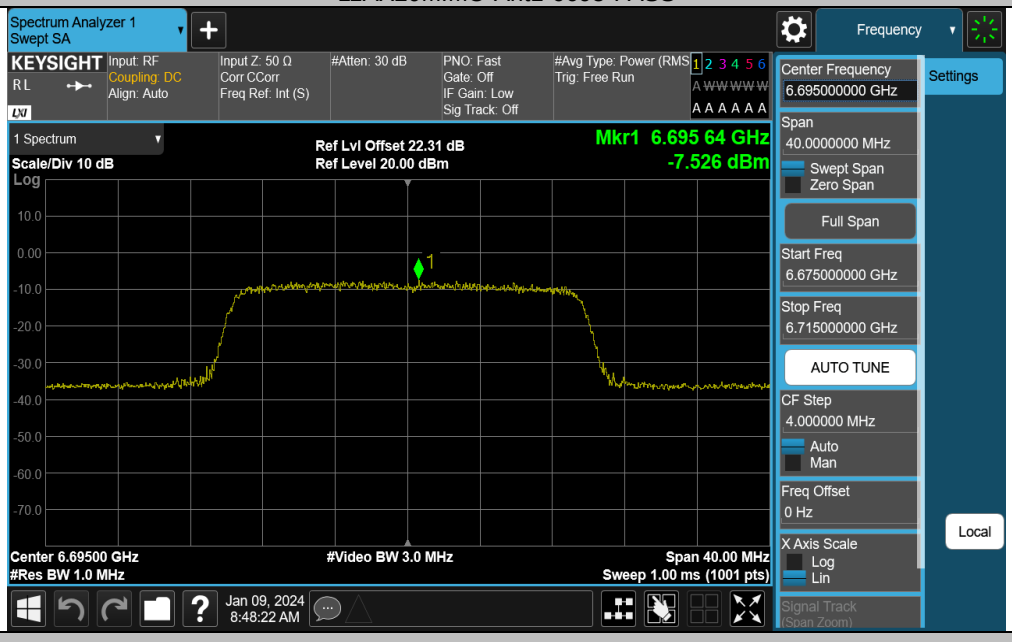
11AX20MIMO-Ant1-6535-PASS



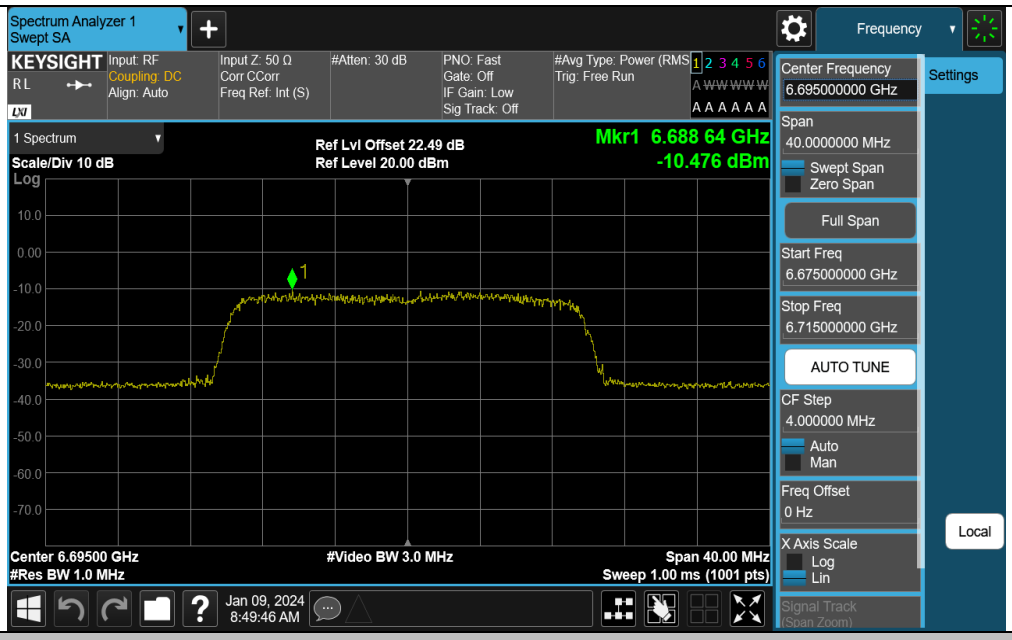
11AX20MIMO-Ant2-6535-PASS



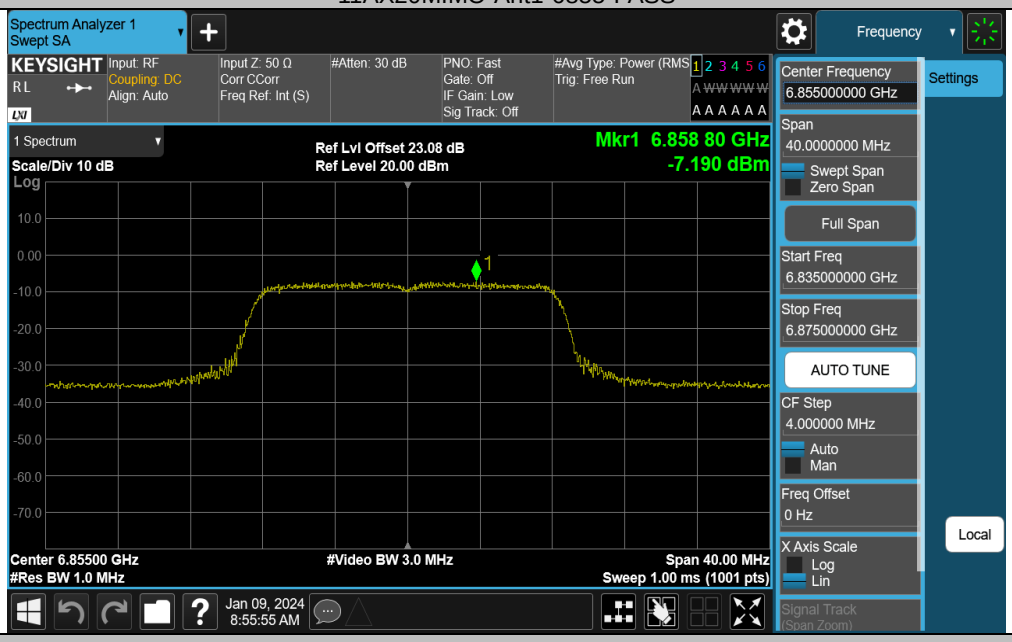
11AX20MIMO-Ant1-6695-PASS



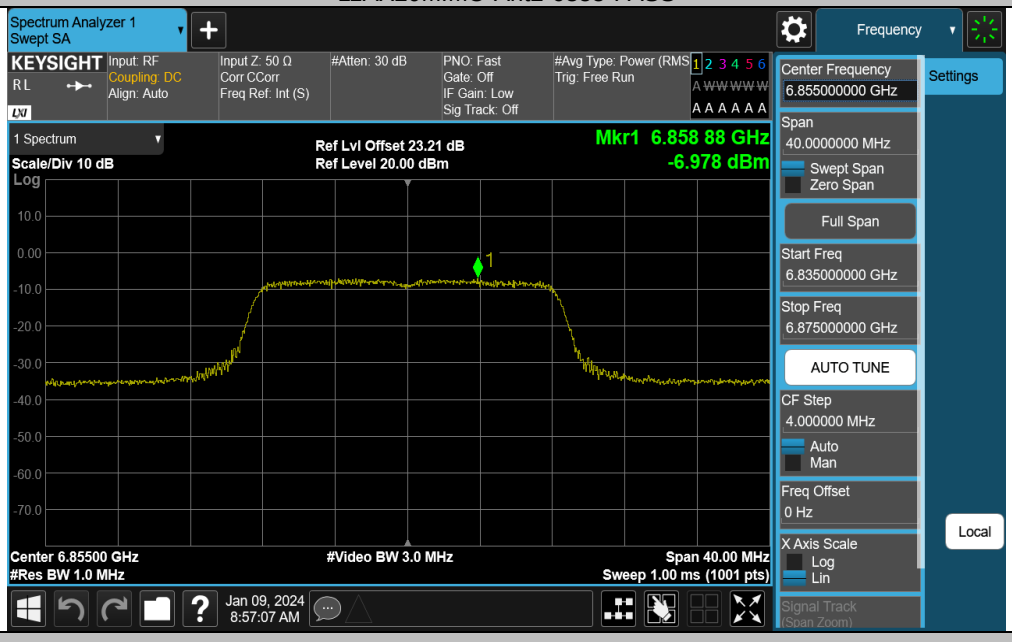
11AX20MIMO-Ant2-6695-PASS



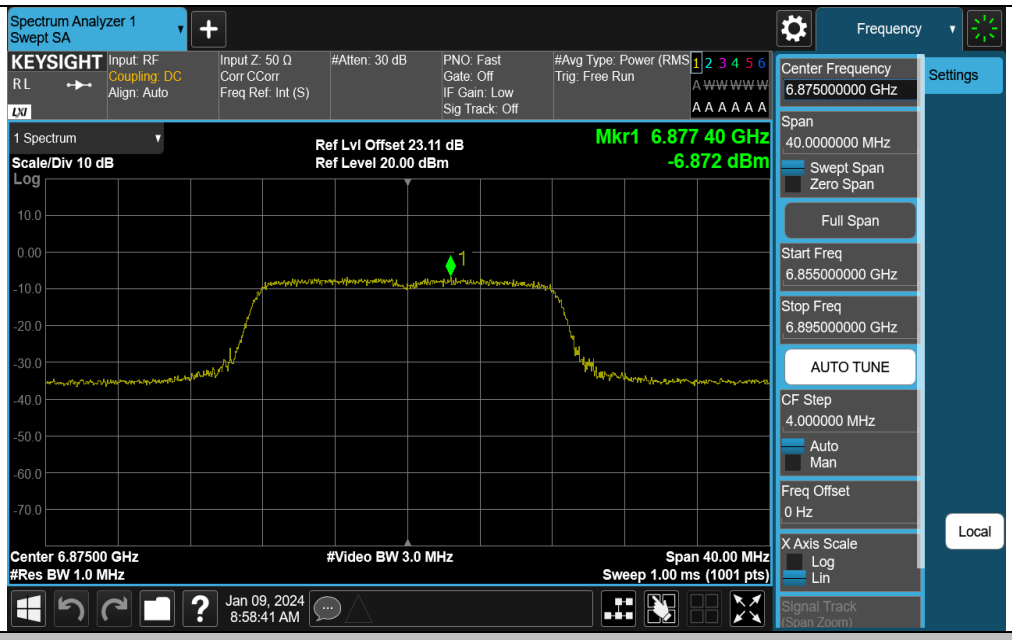
11AX20MIMO-Ant1-6855-PASS



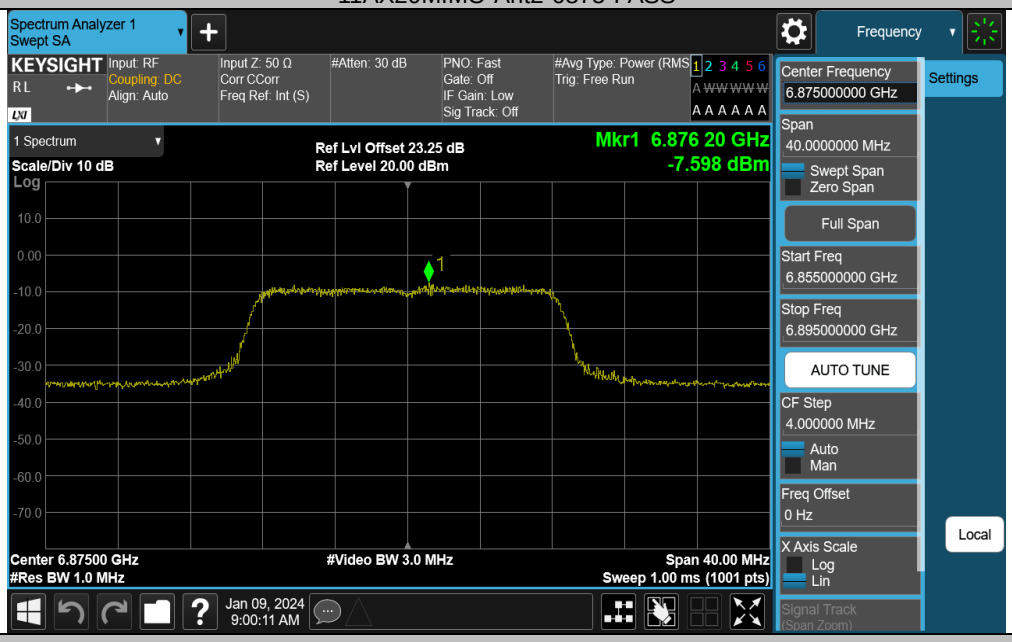
11AX20MIMO-Ant2-6855-PASS



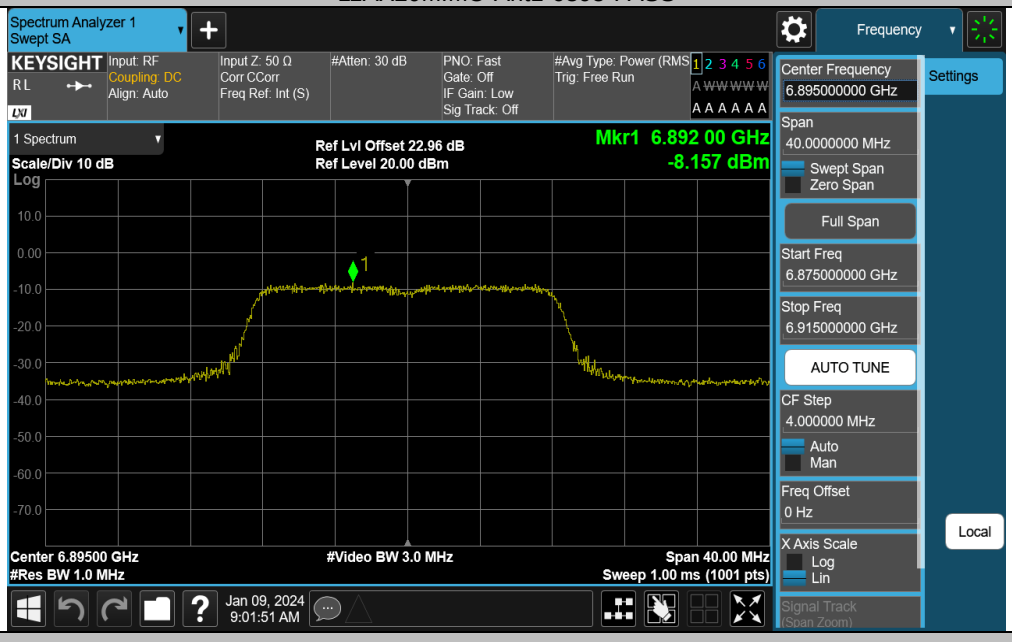
11AX20MIMO-Ant1-6875-PASS



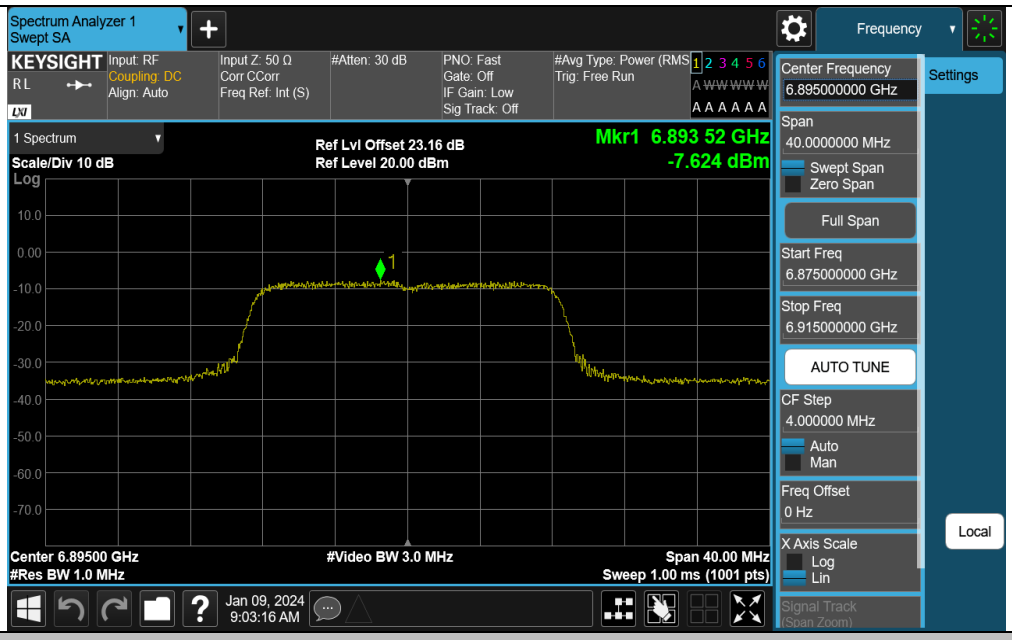
11AX20MIMO-Ant2-6875-PASS



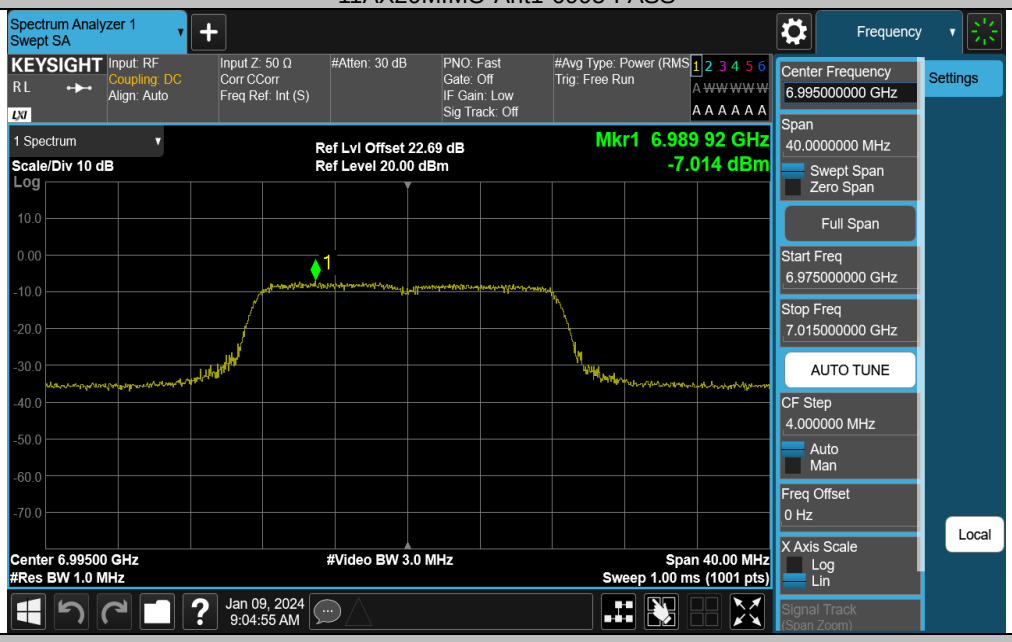
11AX20MIMO-Ant1-6895-PASS



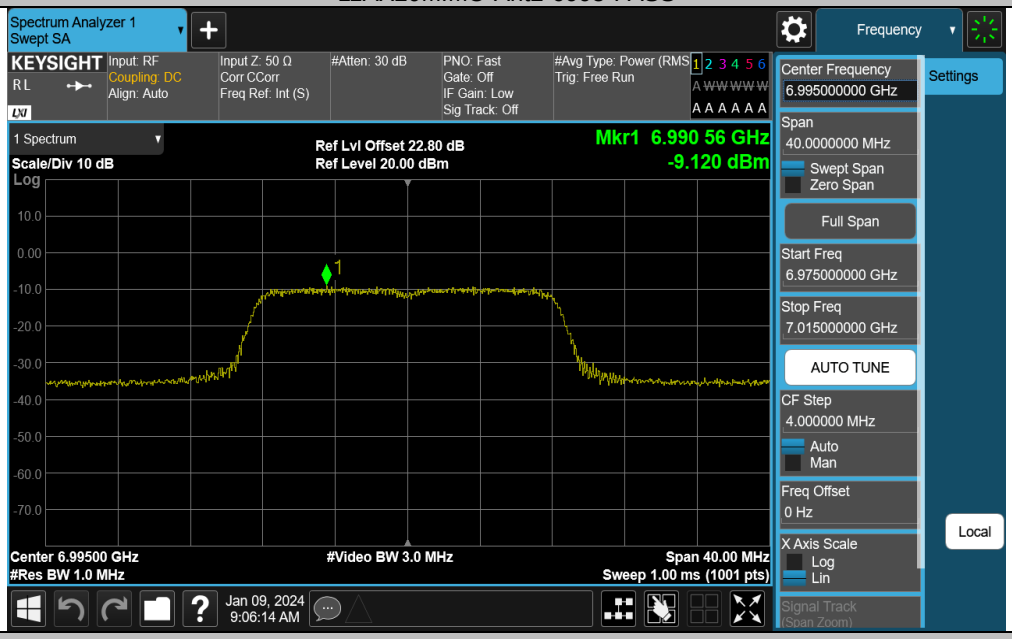
11AX20MIMO-Ant2-6895-PASS



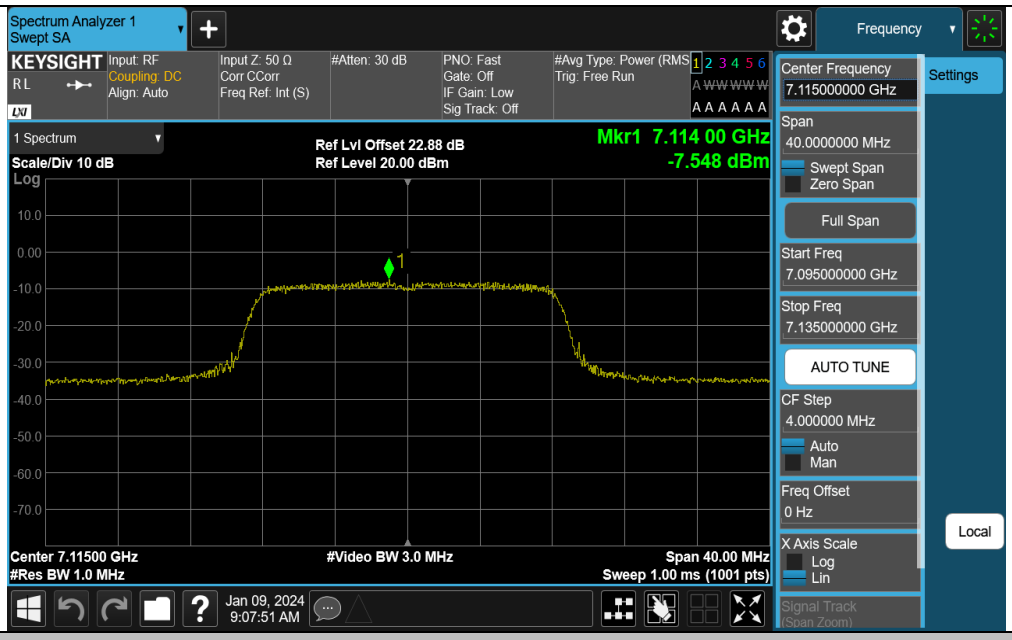
11AX20MIMO-Ant1-6995-PASS



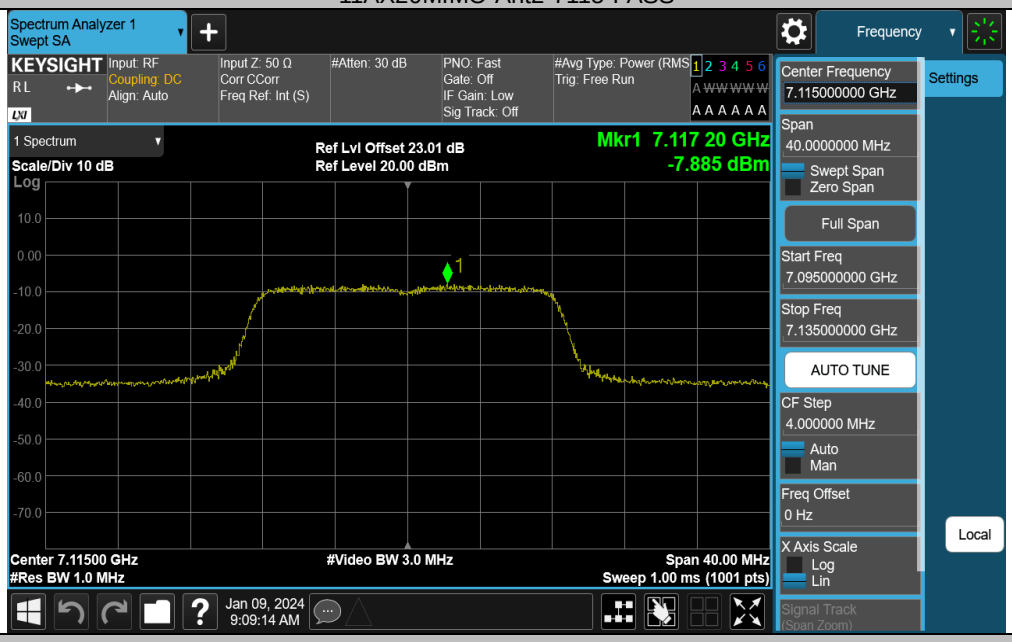
11AX20MIMO-Ant2-6995-PASS



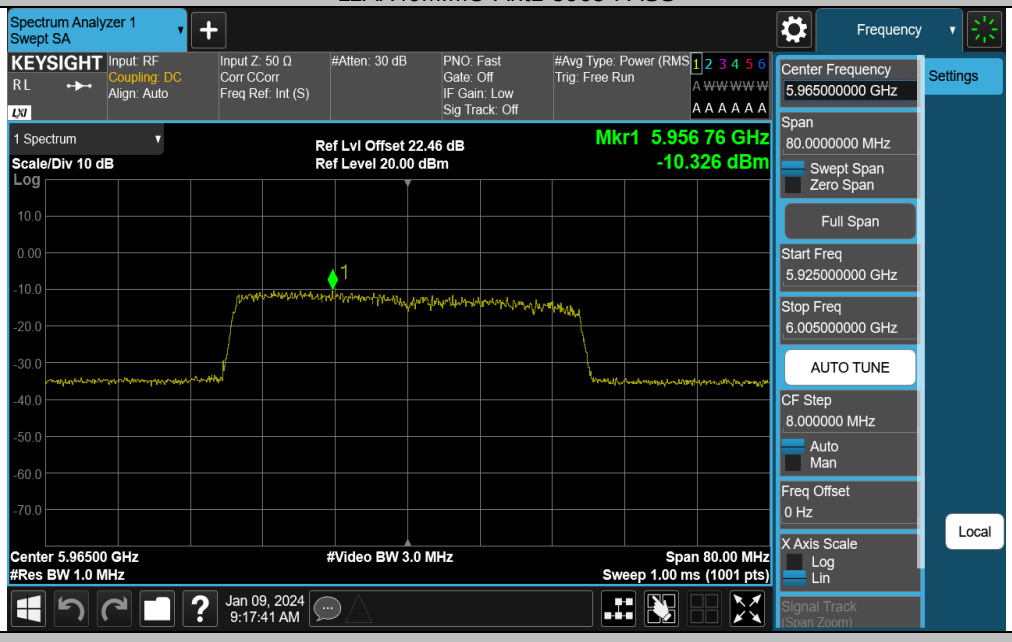
11AX20MIMO-Ant1-7115-PASS



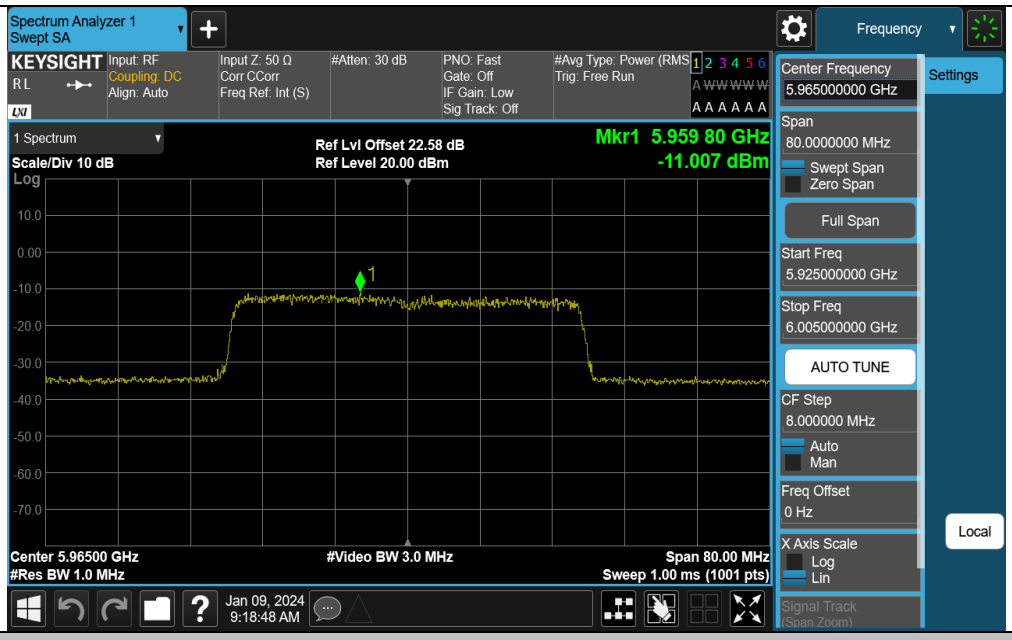
11AX20MIMO-Ant2-7115-PASS



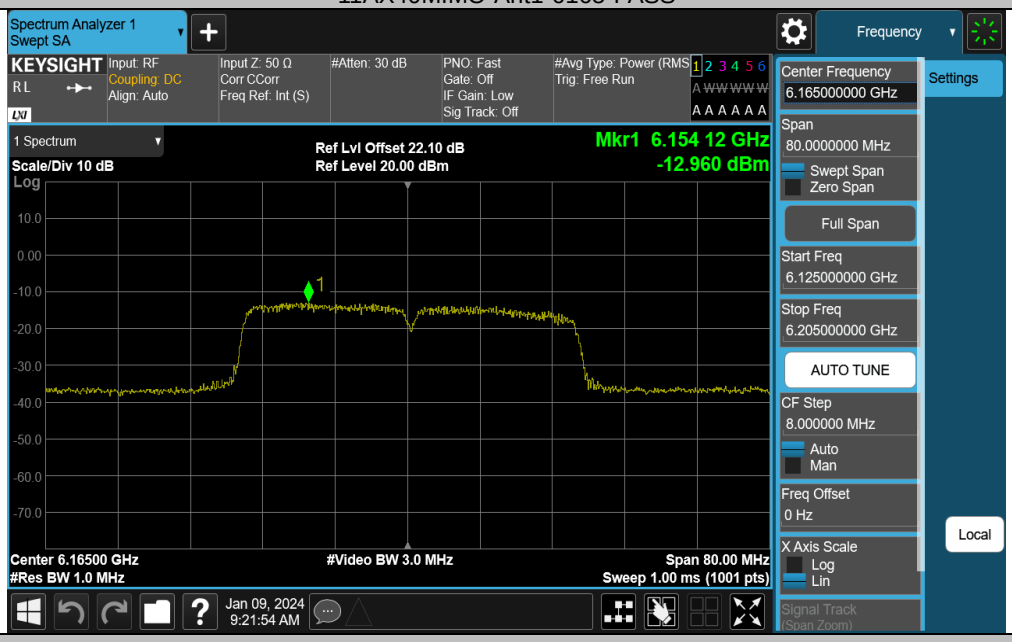
11AX40MIMO-Ant1-5965-PASS



11AX40MIMO-Ant2-5965-PASS



11AX40MIMO-Ant1-6165-PASS



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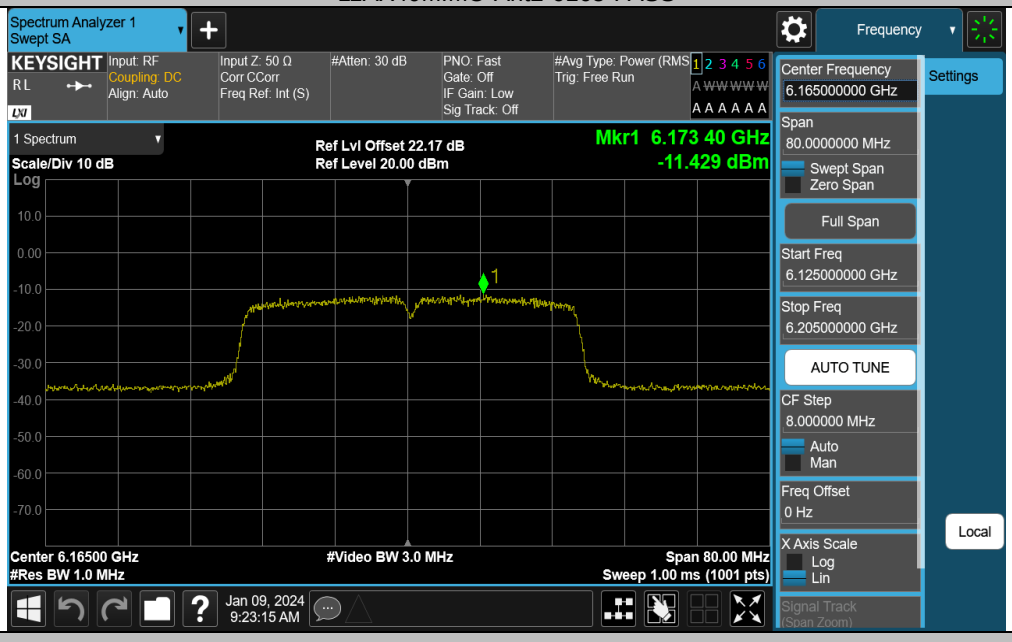
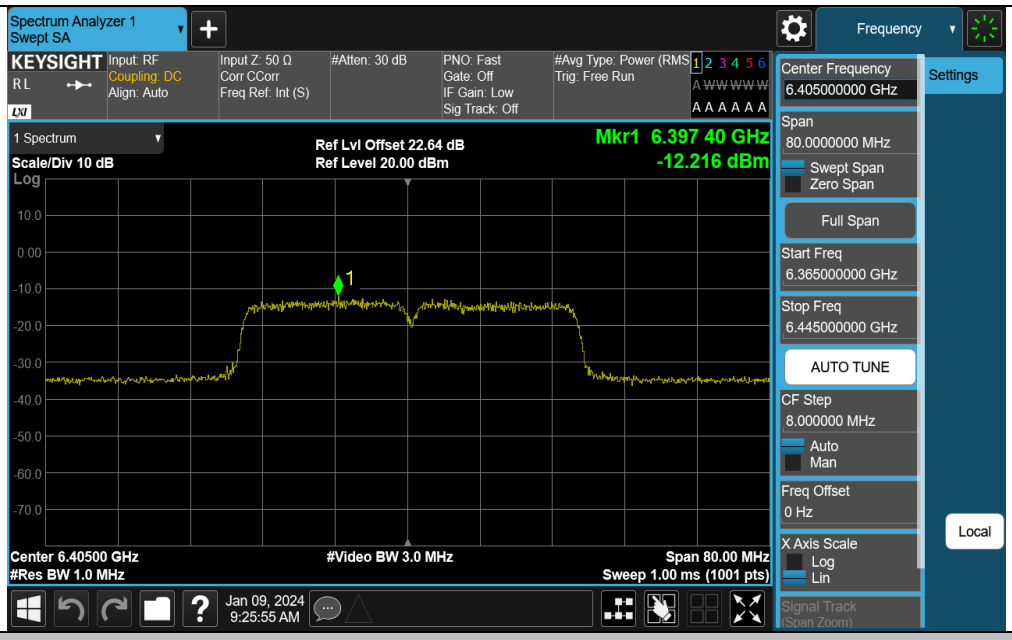


11AX40MIMO-Ant1-6405-PASS



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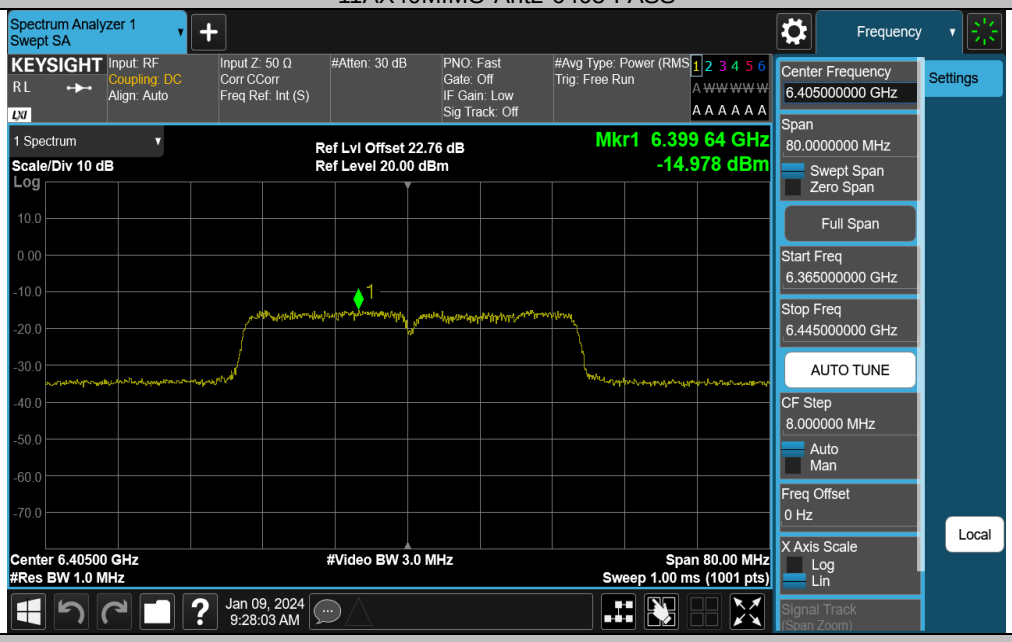
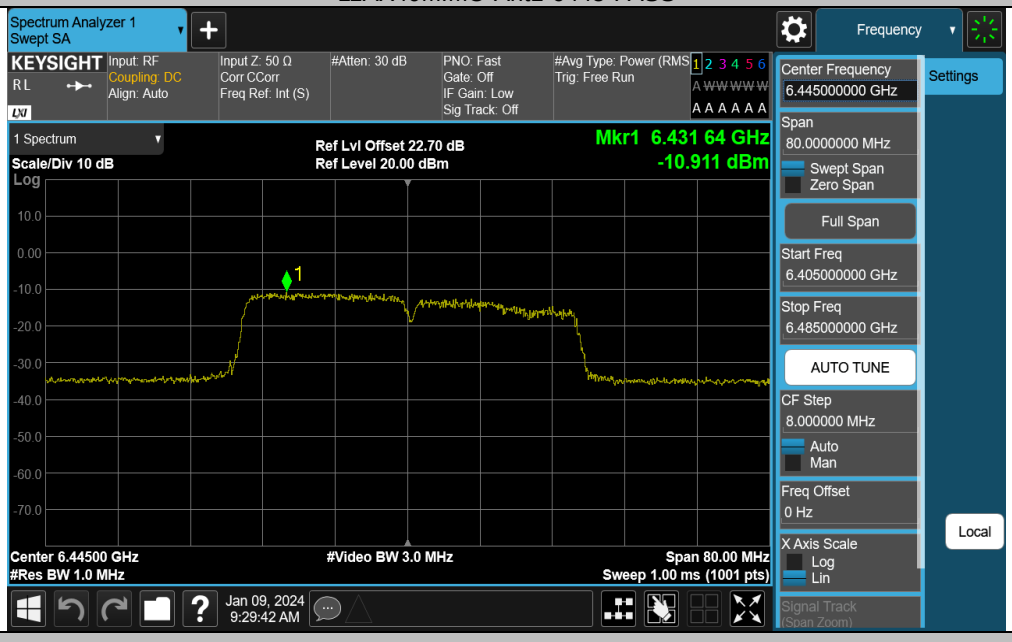


11AX40MIMO-Ant1-6445-PASS



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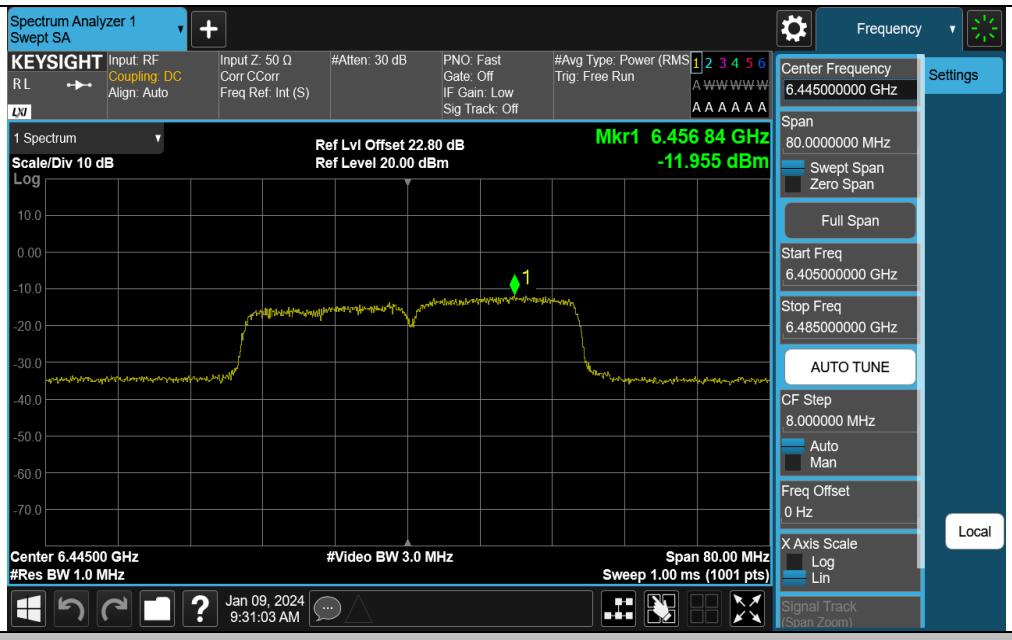
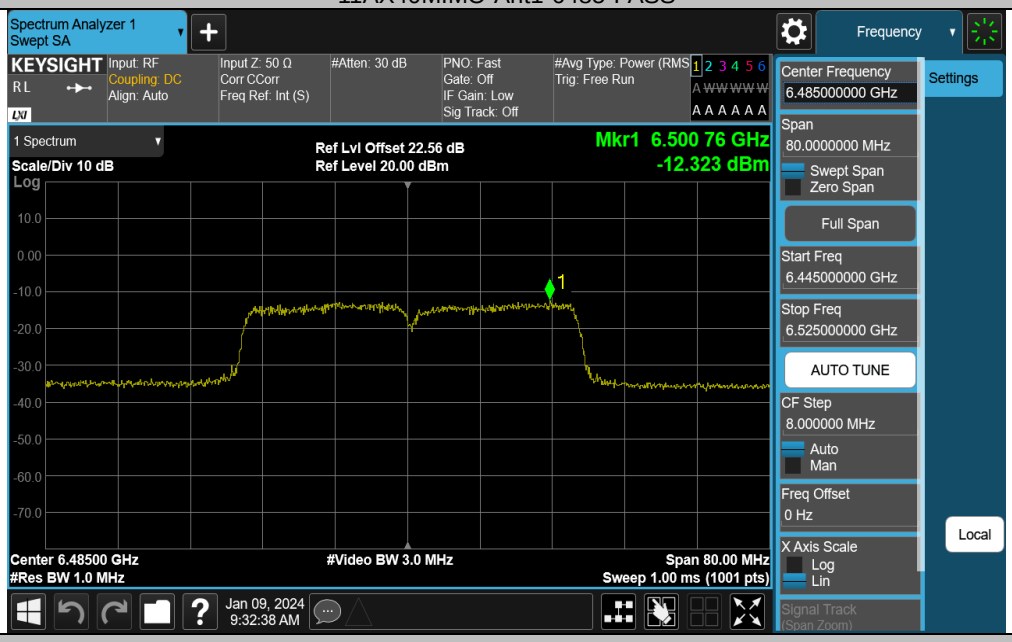
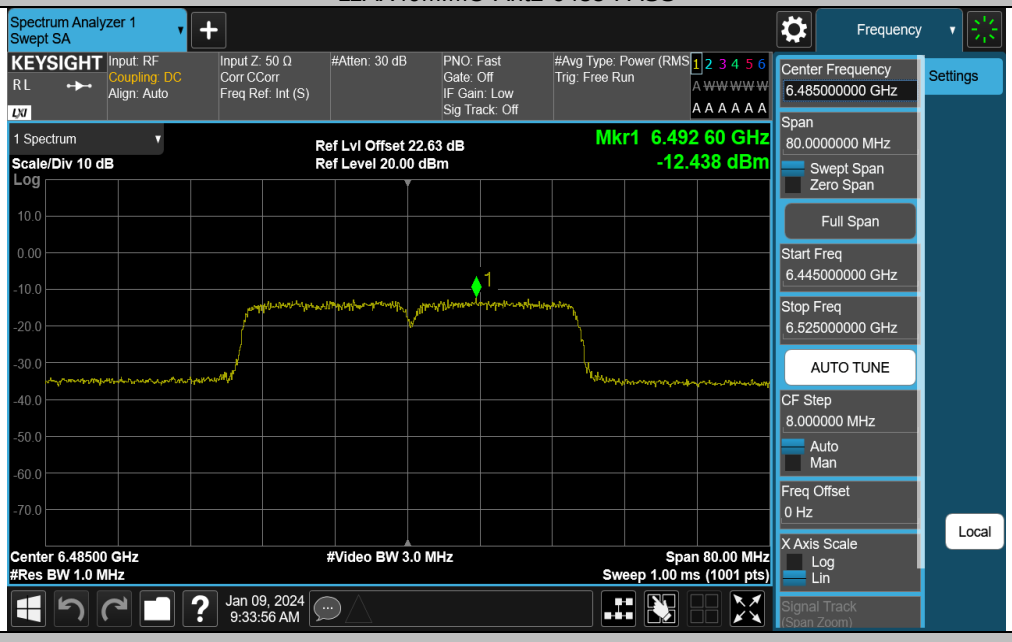


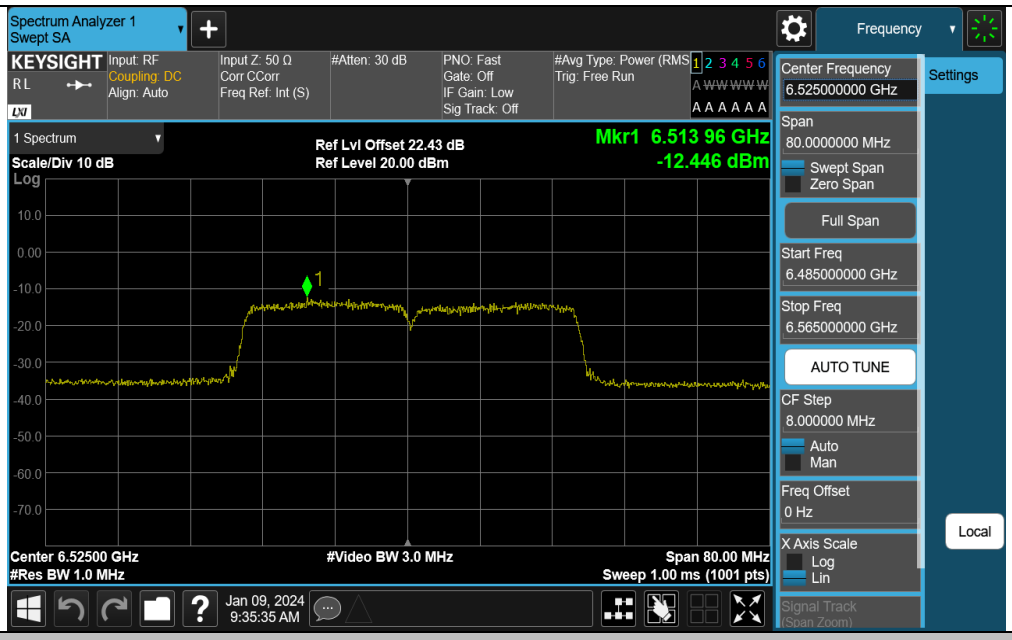
11AX40MIMO-Ant1-6485-PASS



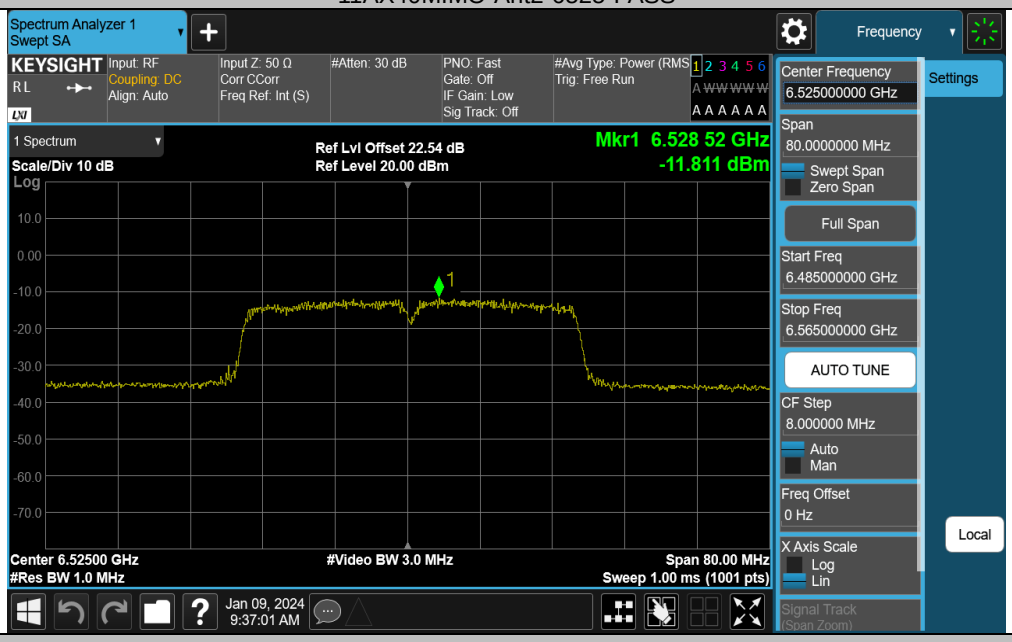
11AX40MIMO-Ant2-6485-PASS



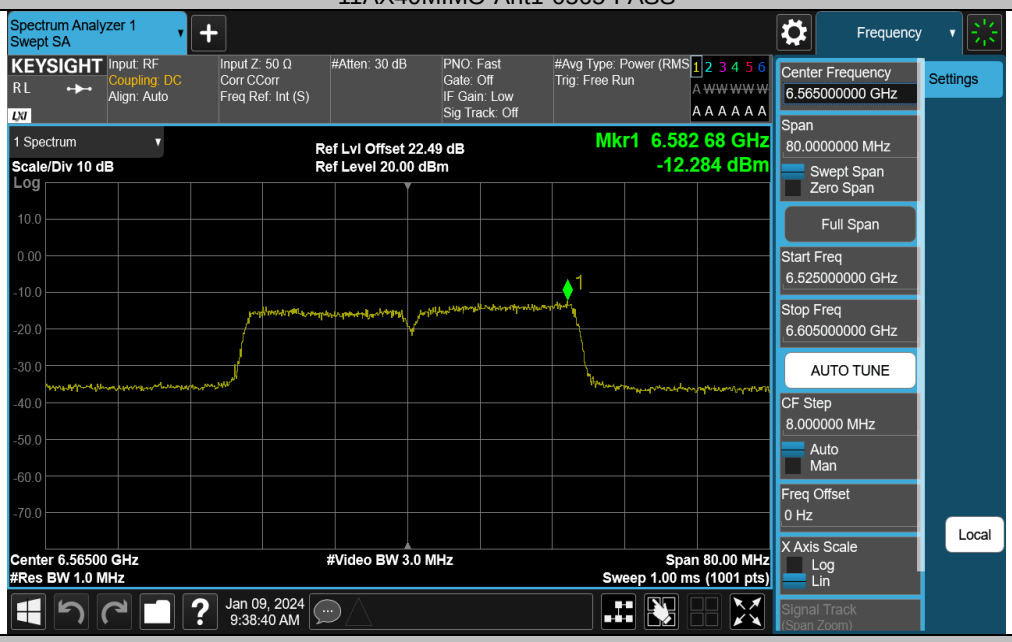
11AX40MIMO-Ant1-6525-PASS



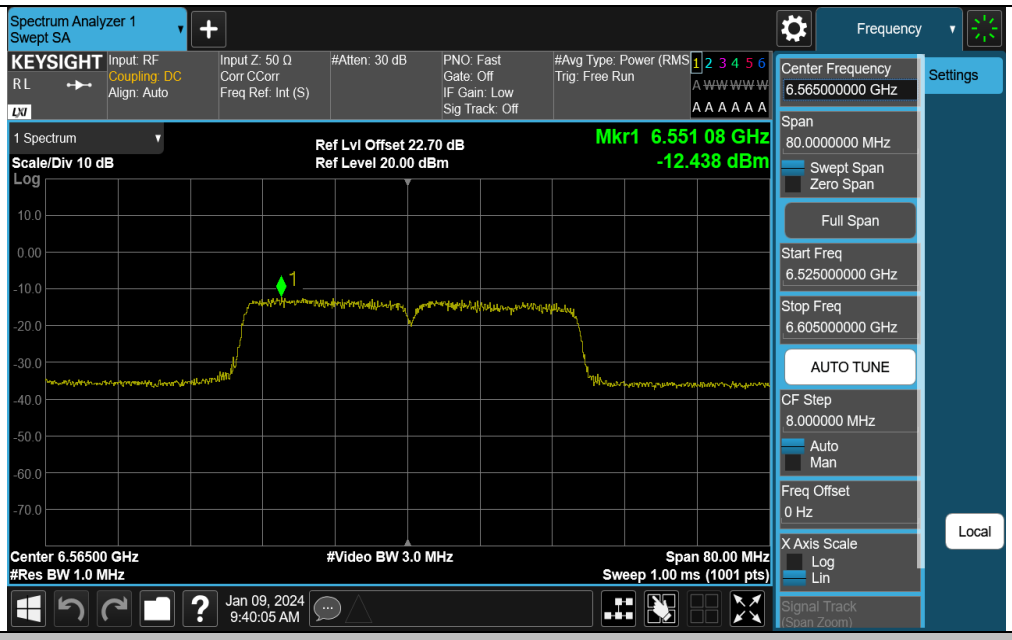
11AX40MIMO-Ant2-6525-PASS



11AX40MIMO-Ant1-6565-PASS



11AX40MIMO-Ant2-6565-PASS



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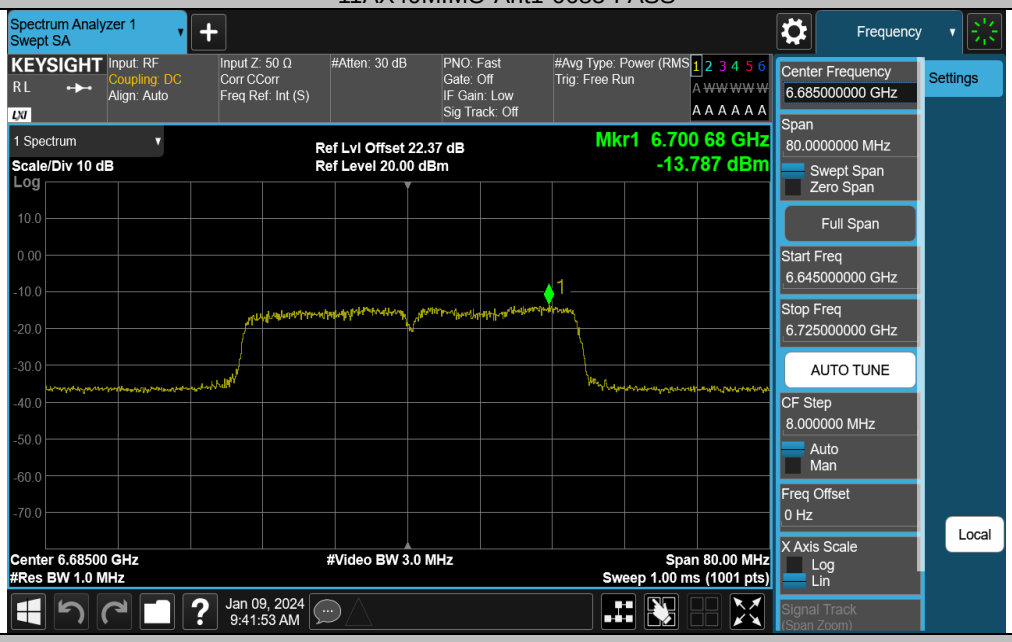

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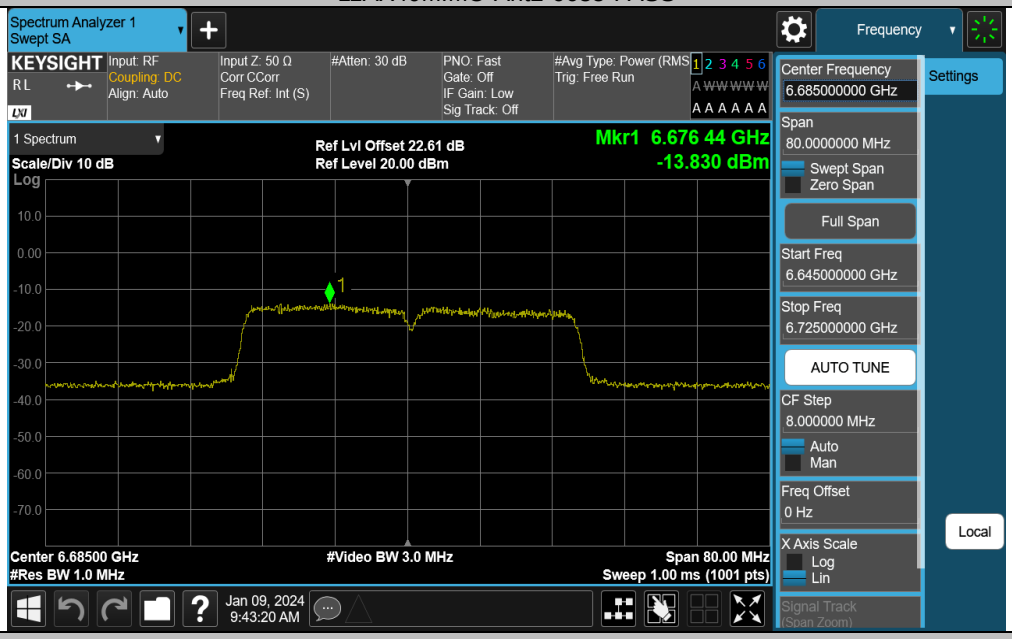
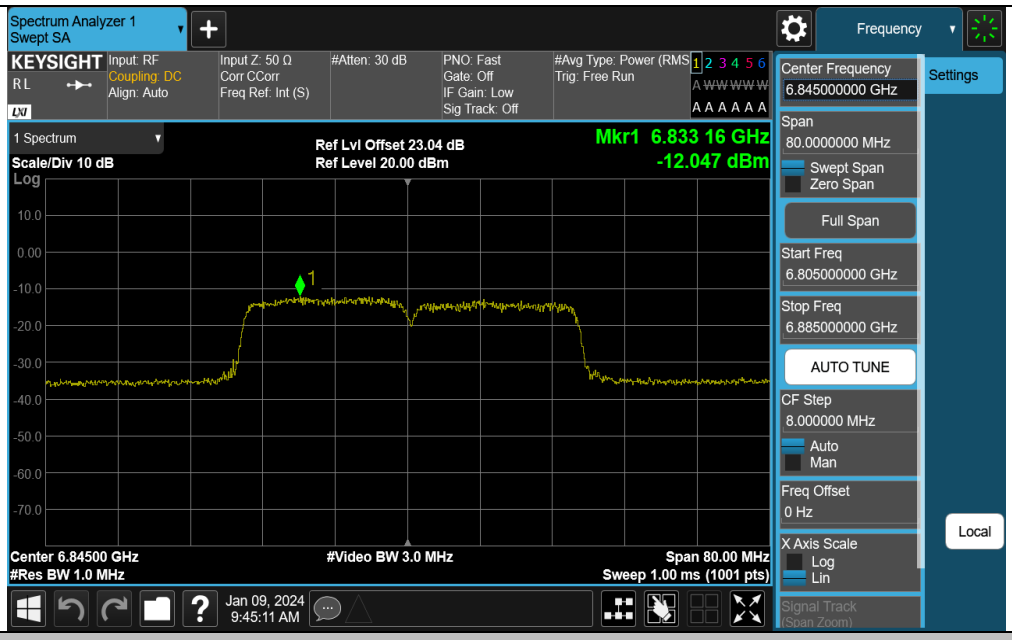
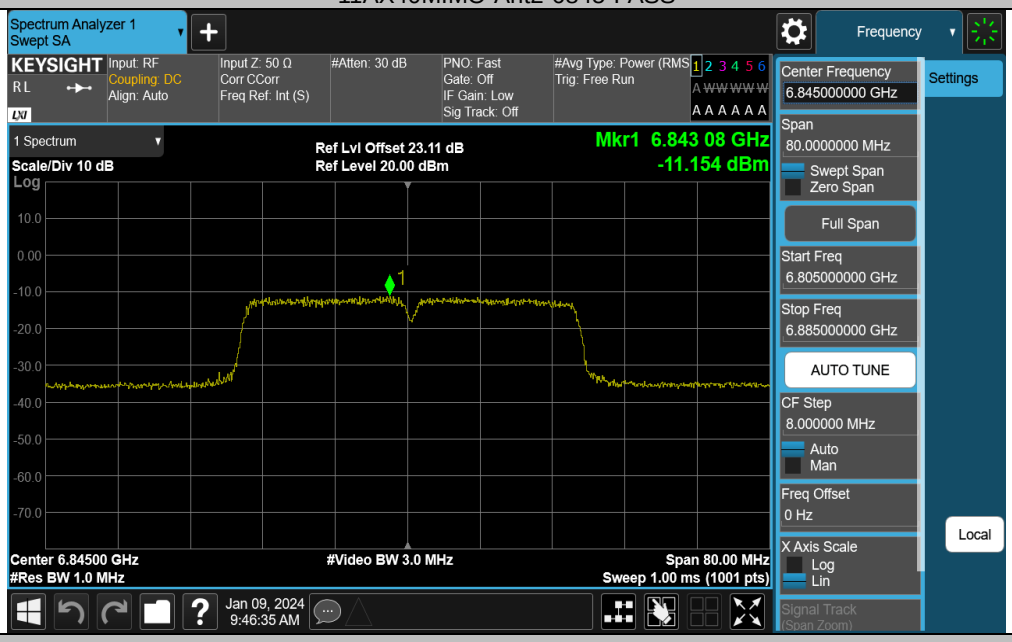


11AX40MIMO-Ant1-6845-PASS



11AX40MIMO-Ant2-6845-PASS



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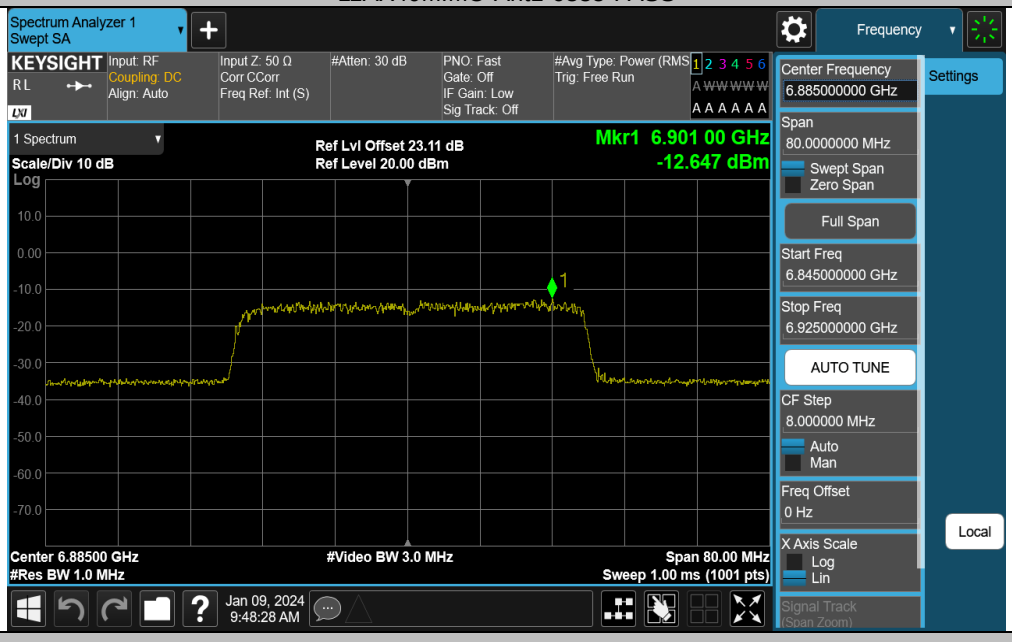
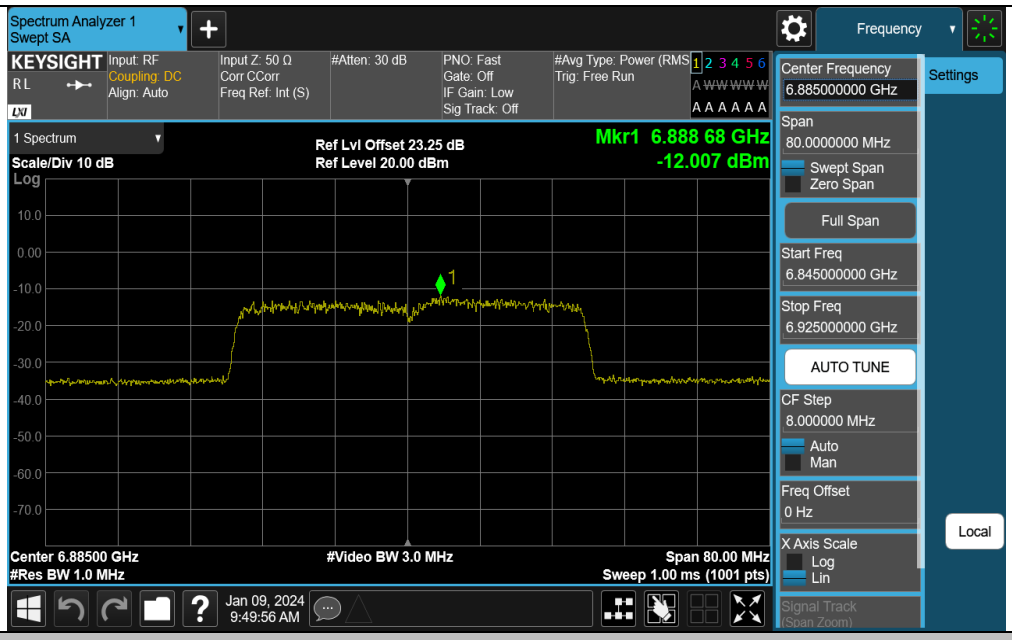
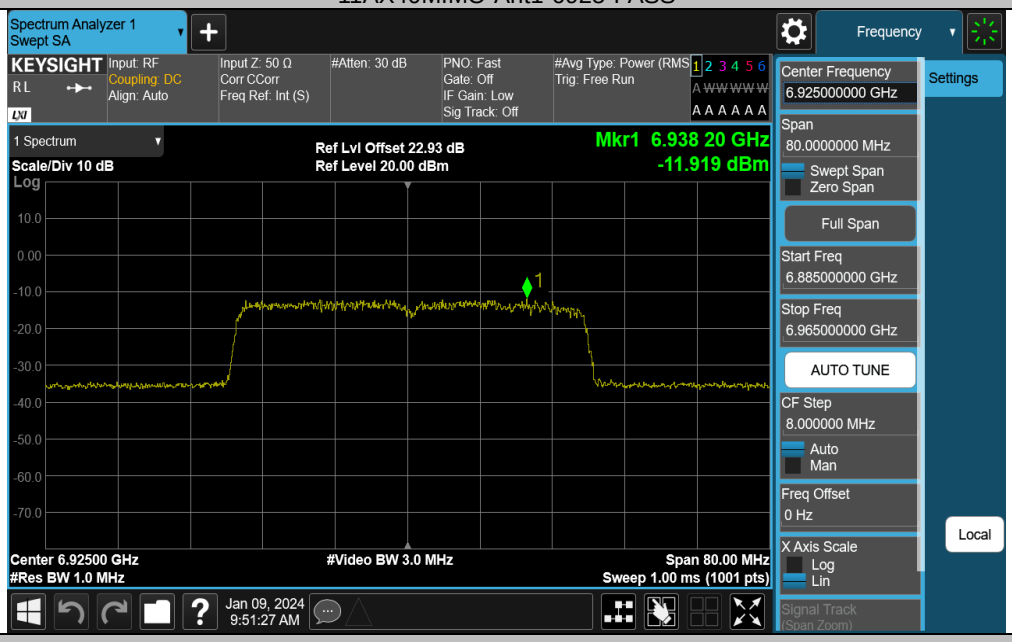


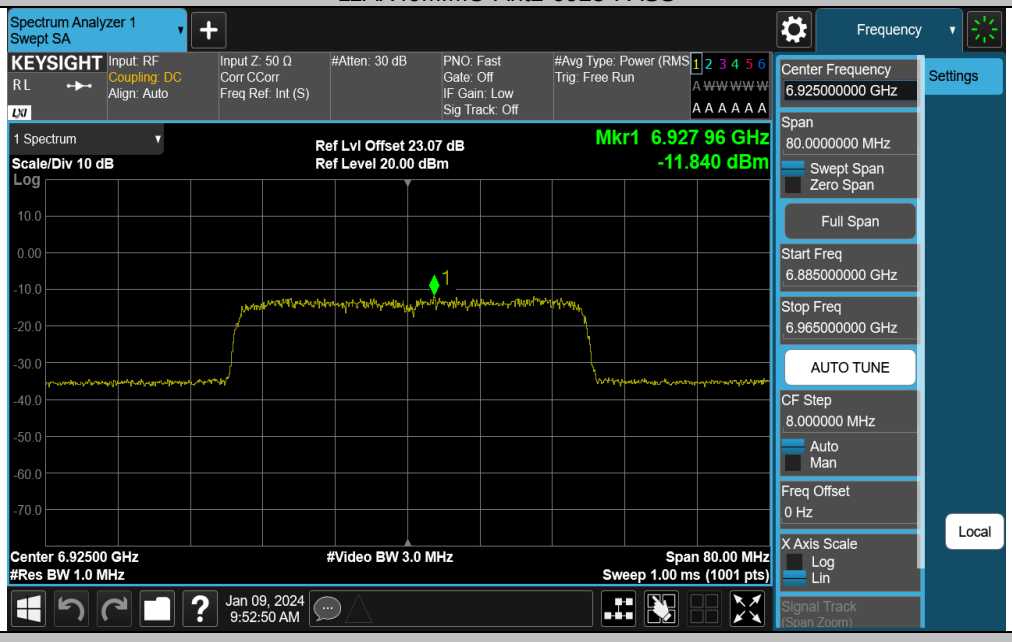
11AX40MIMO-Ant2-6885-PASS



11AX40MIMO-Ant1-6925-PASS



11AX40MIMO-Ant2-6925-PASS



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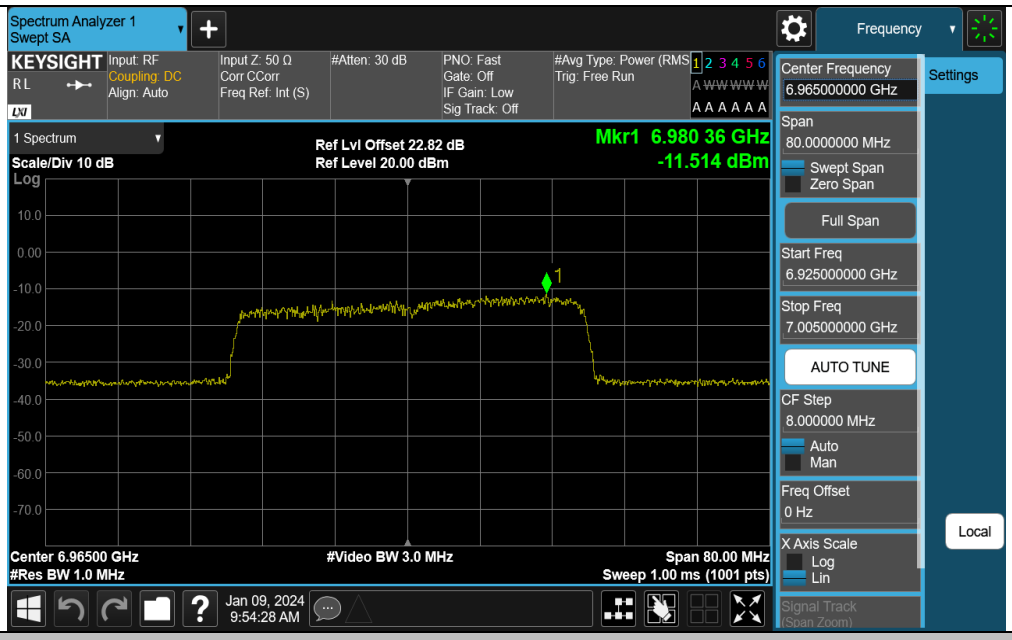

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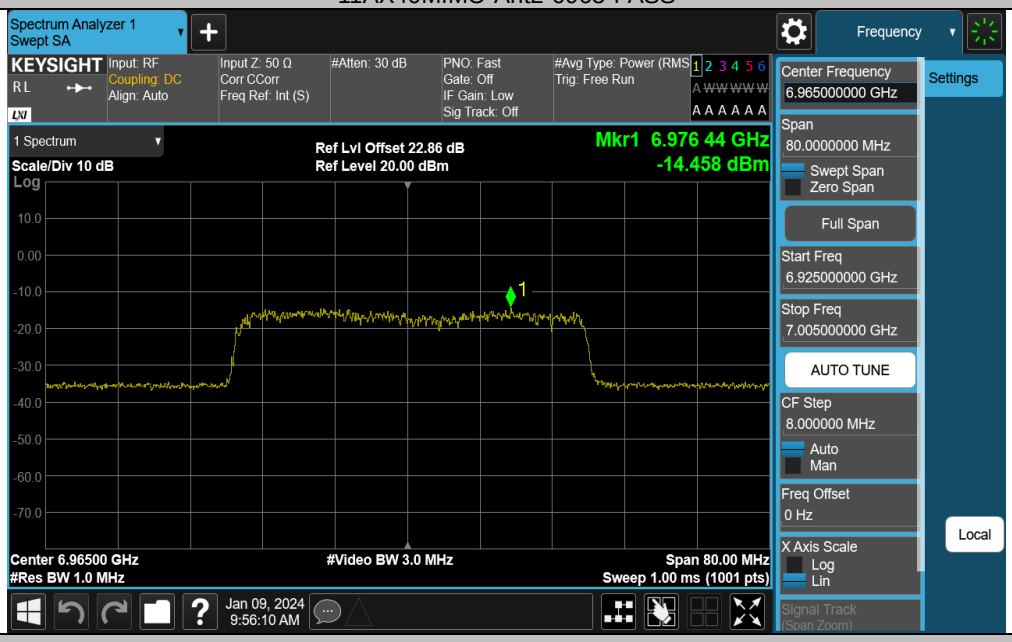
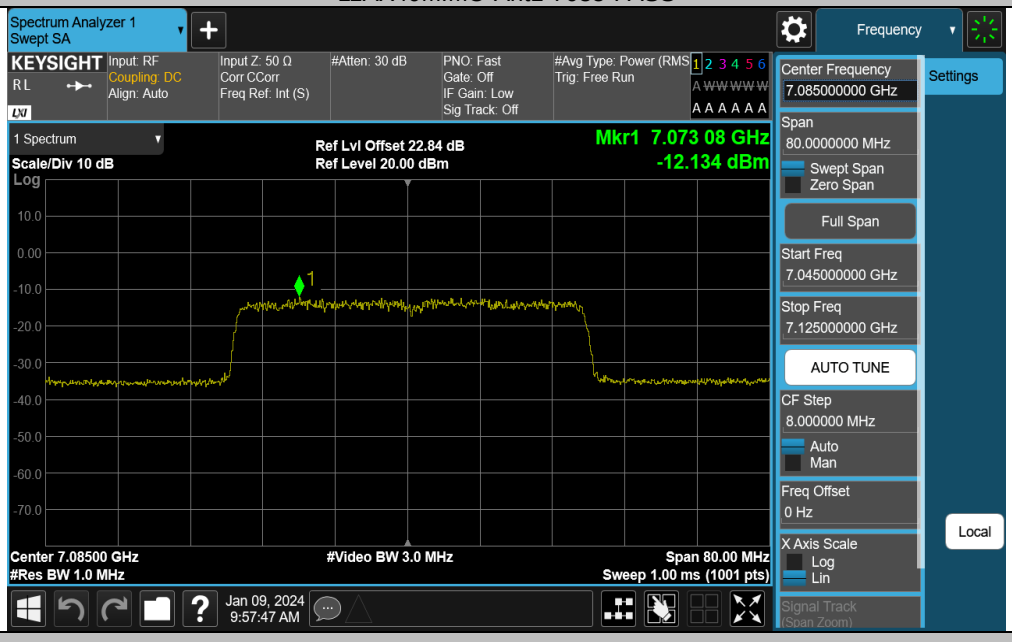


11AX40MIMO-Ant1-7085-PASS



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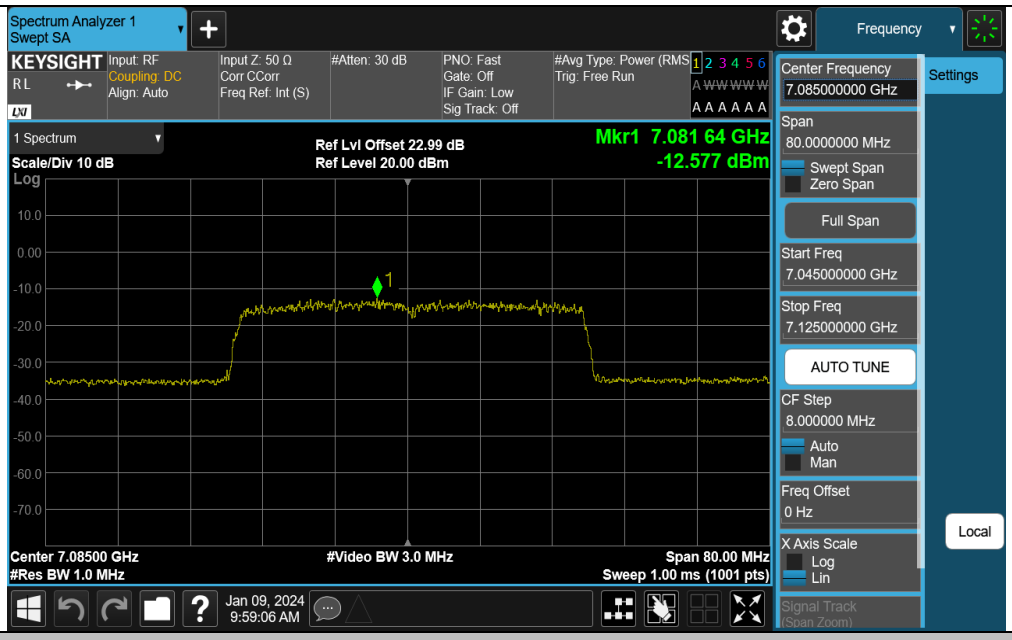
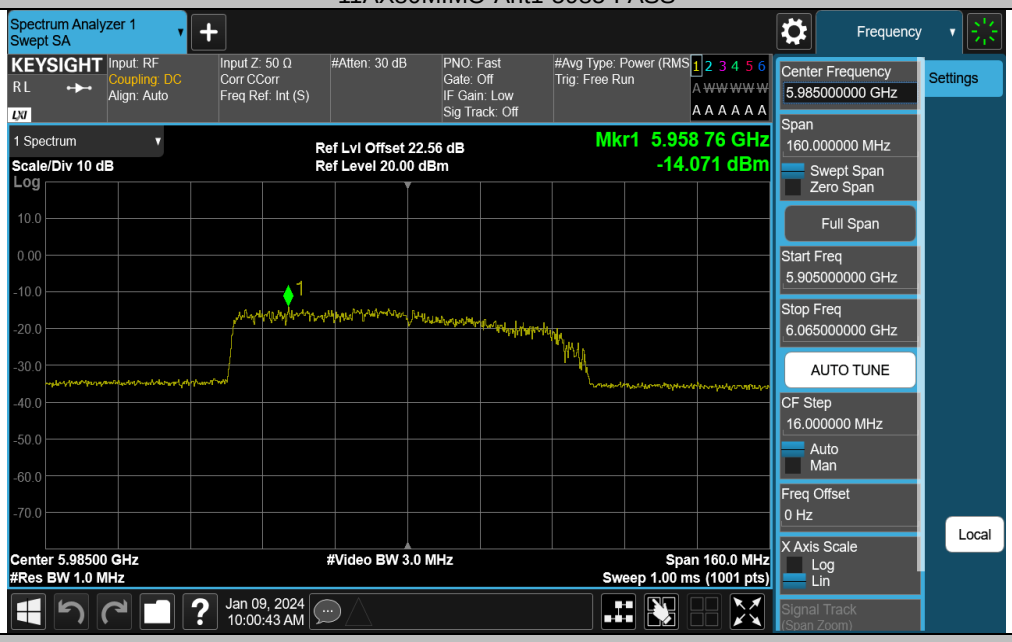


11AX80MIMO-Ant1-5985-PASS



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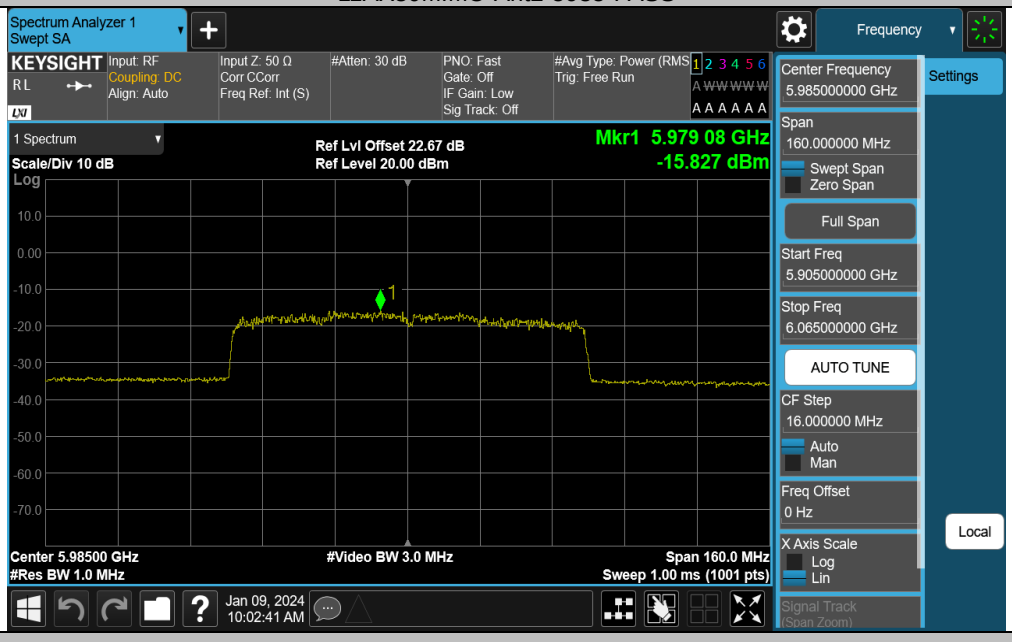
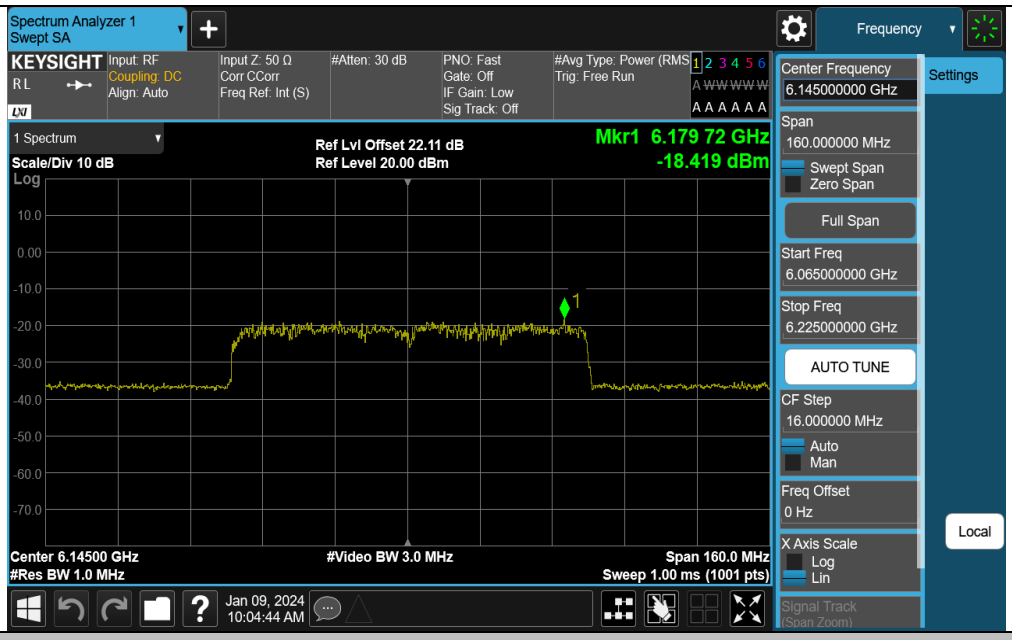


11AX80MIMO-Ant1-6145-PASS



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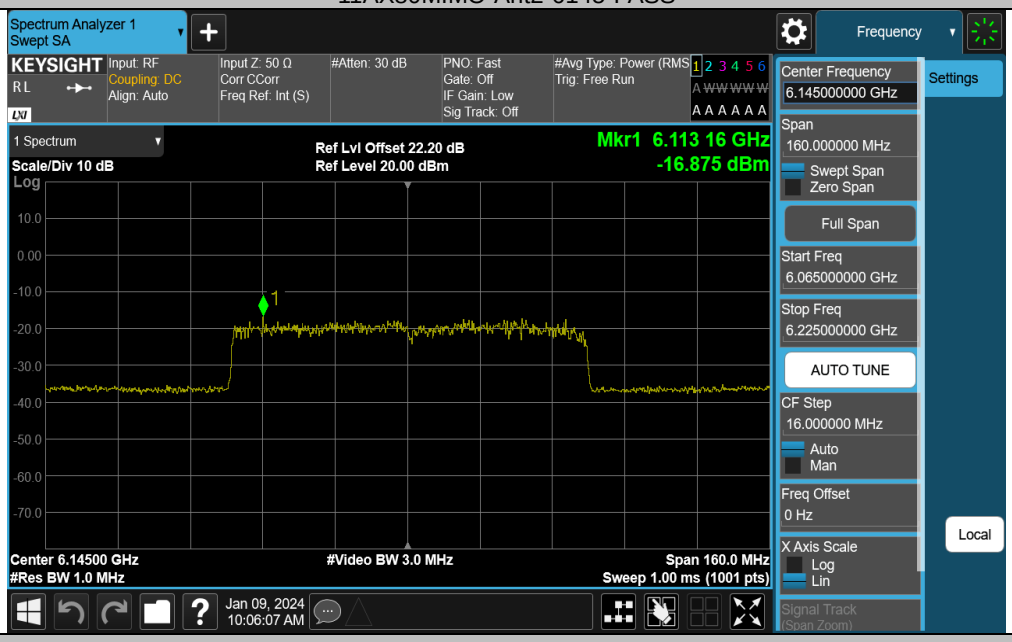
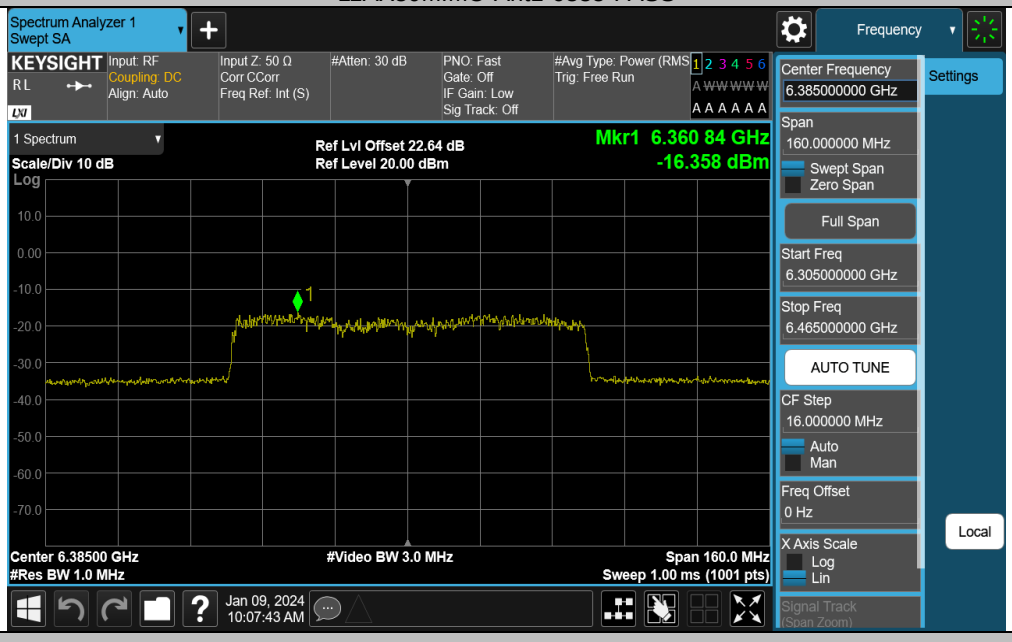


11AX80MIMO-Ant1-6385-PASS



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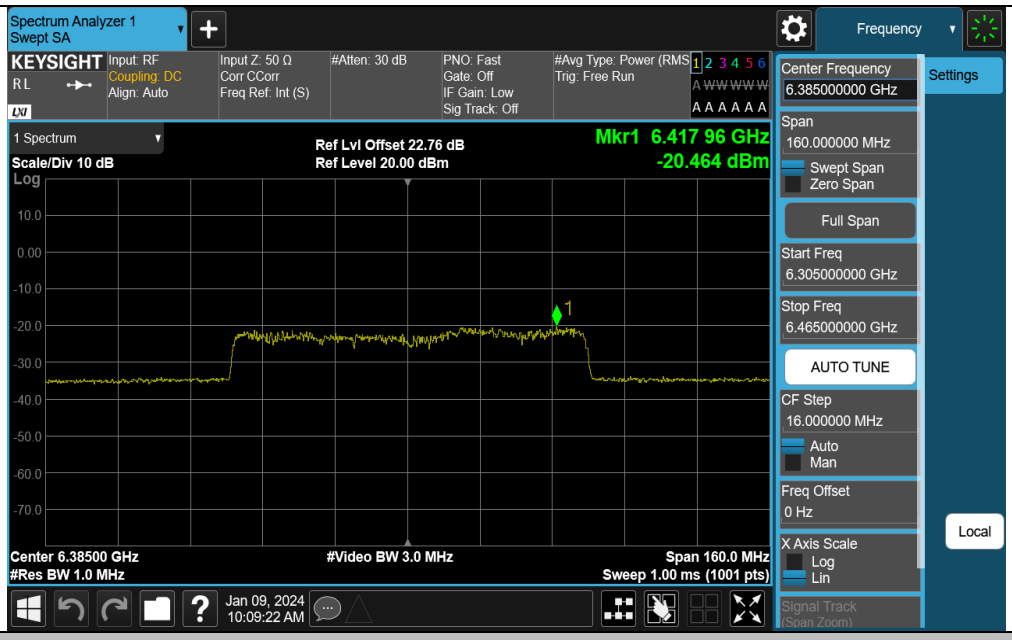
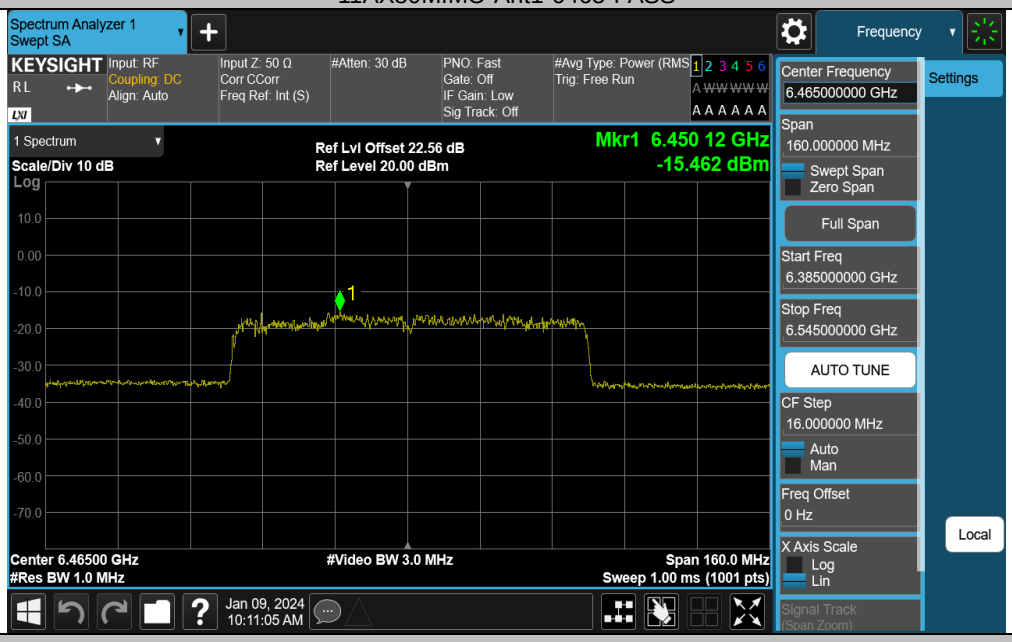
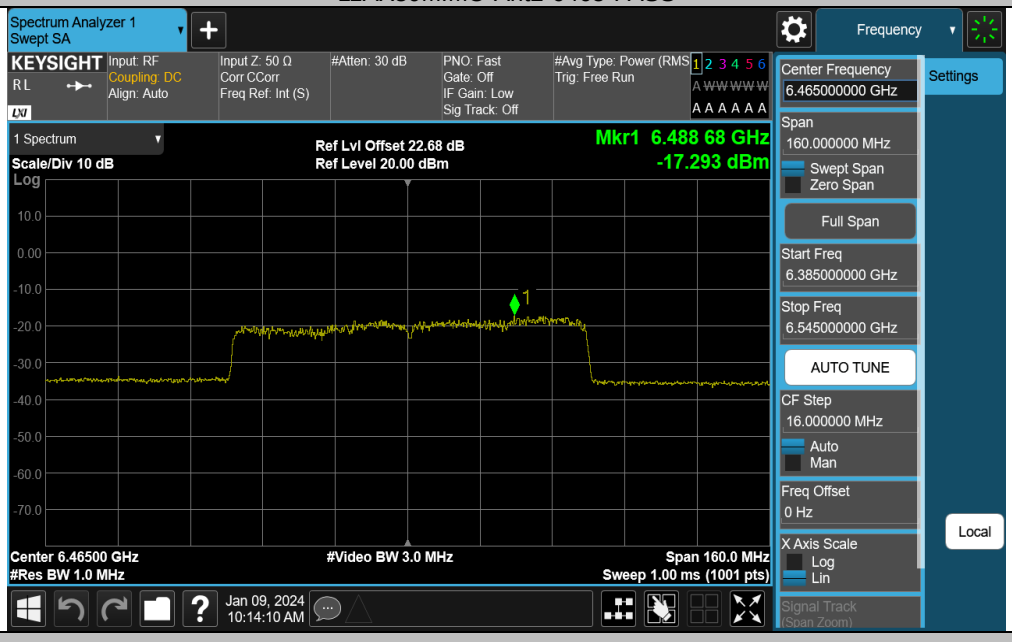


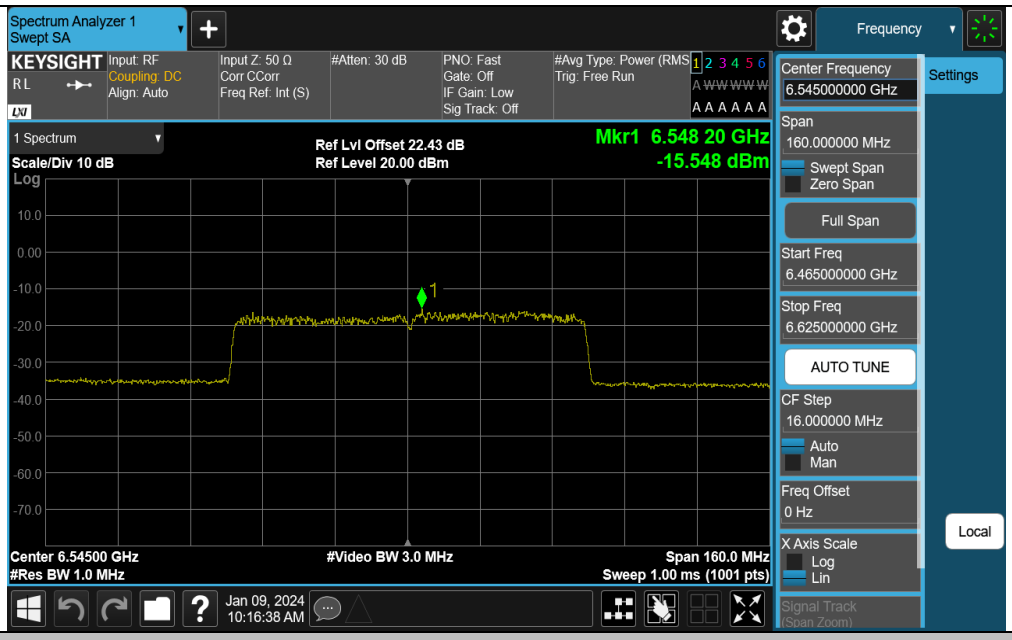
11AX80MIMO-Ant1-6465-PASS



11AX80MIMO-Ant2-6465-PASS



11AX80MIMO-Ant1-6545-PASS



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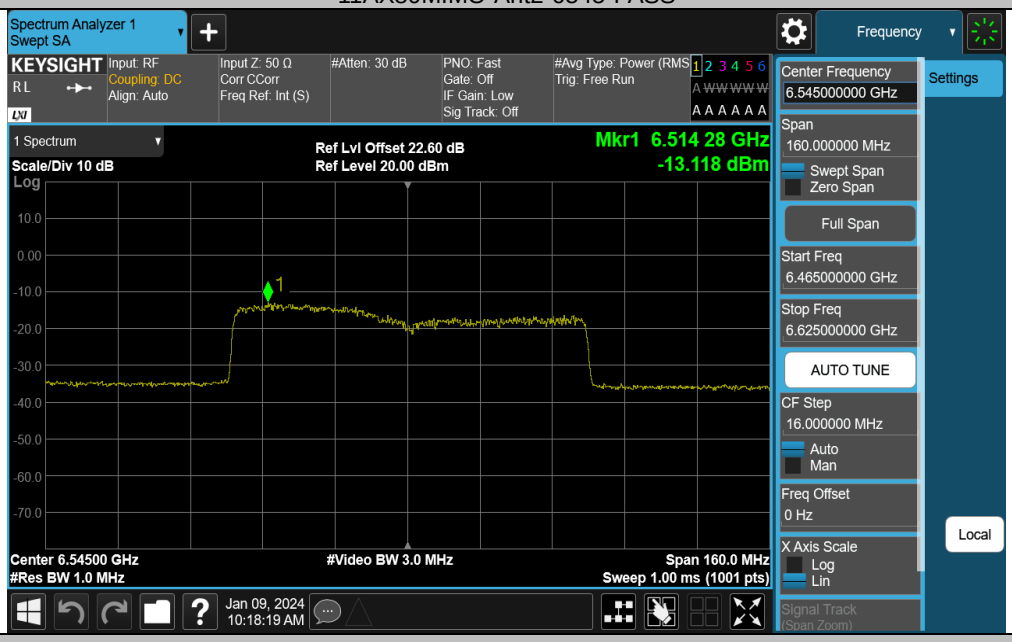
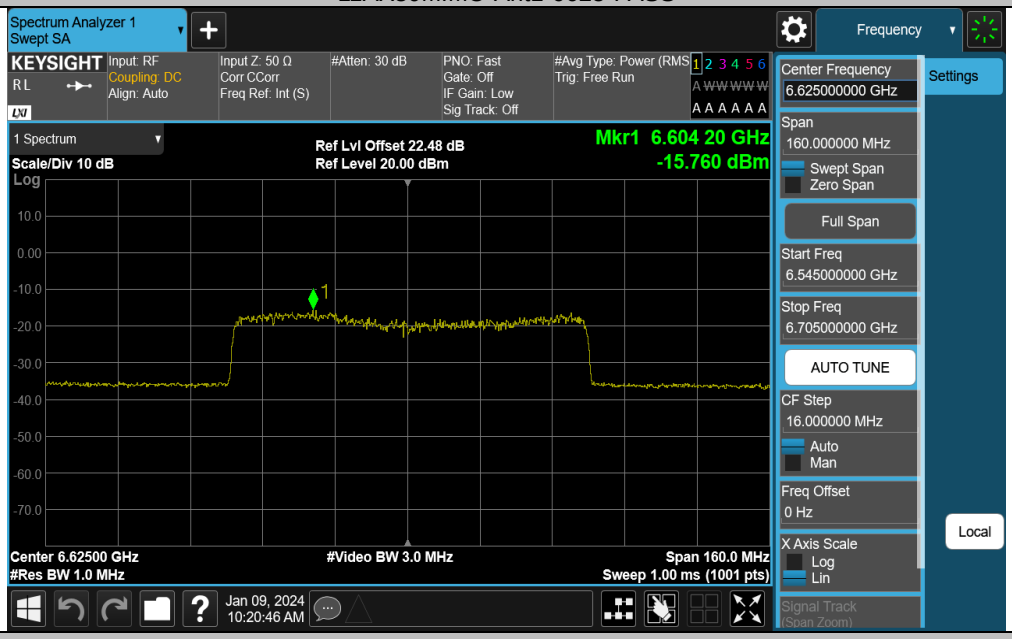


11AX80MIMO-Ant1-6625-PASS



11AX80MIMO-Ant2-6625-PASS