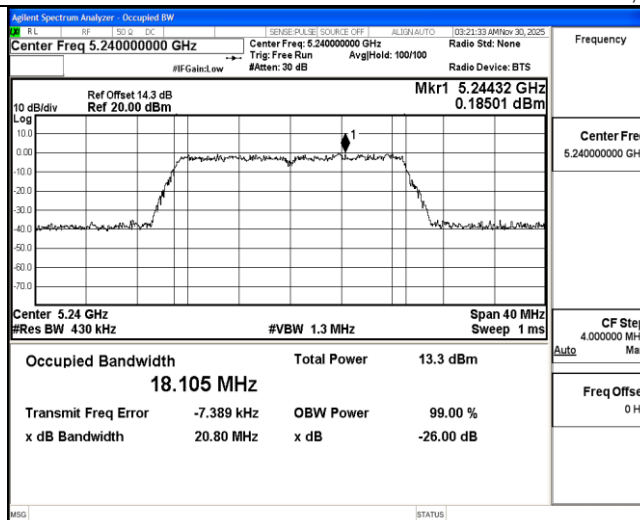
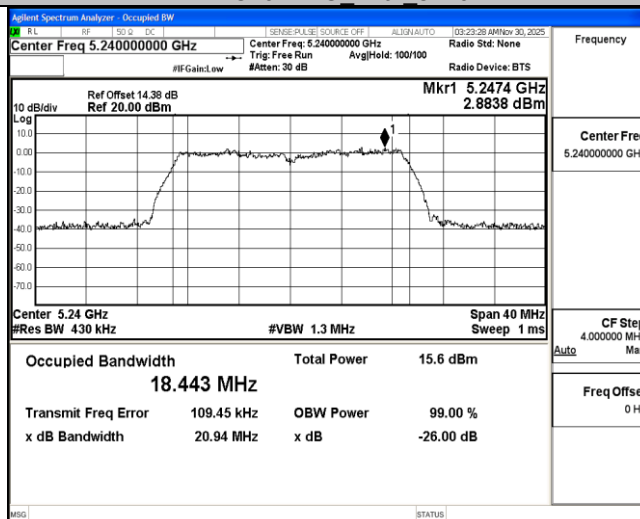
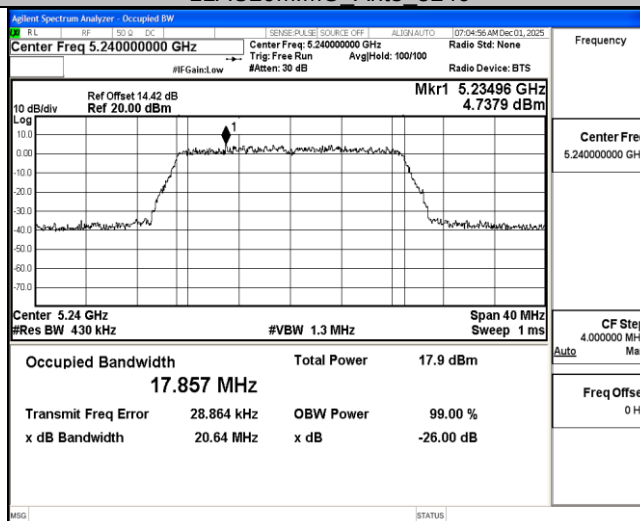




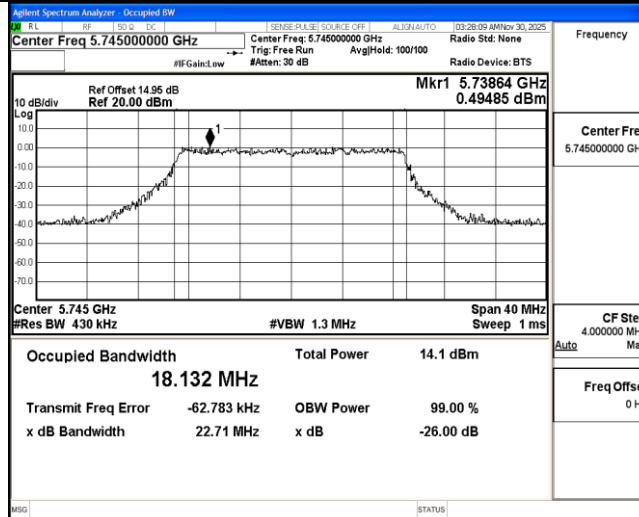
11AC20MIMO_Ant2_5240



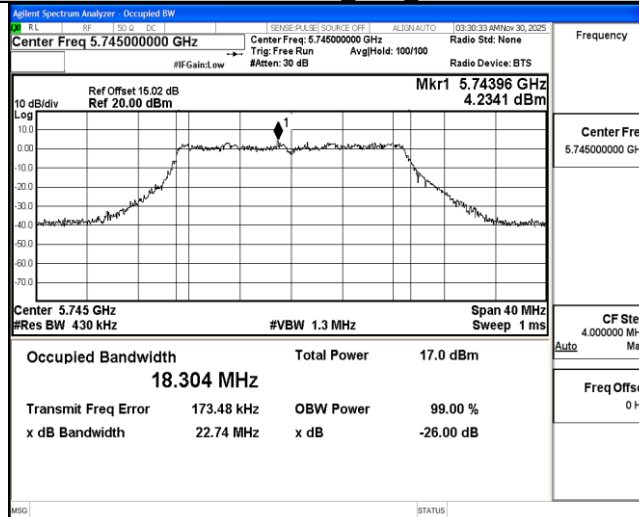
11AC20MIMO_Ant3_5240



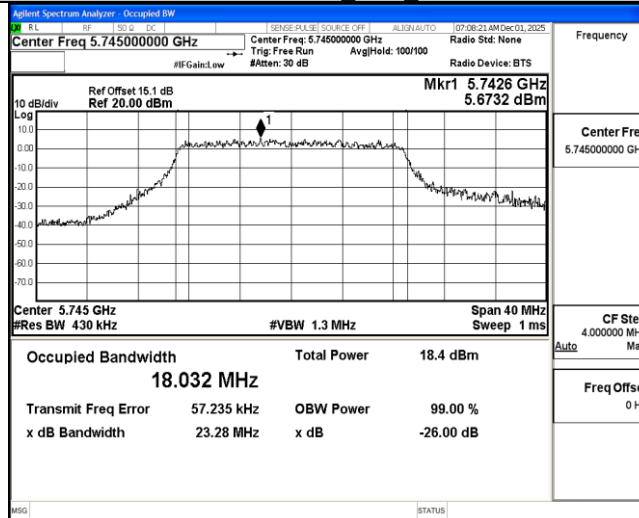
11AC20MIMO_Ant1_5745



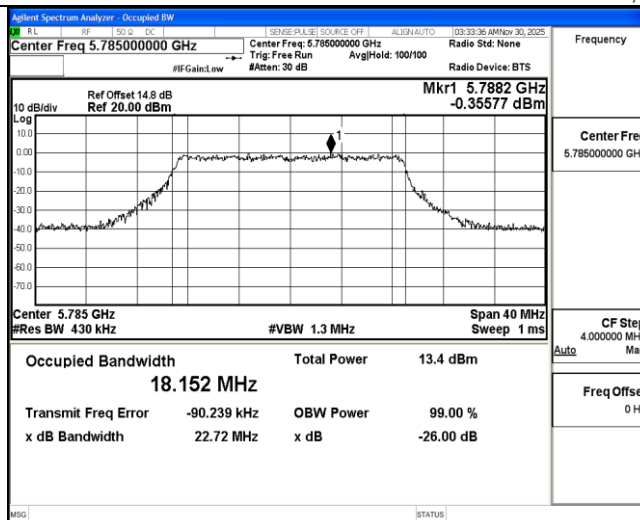
11AC20MIMO_Ant2_5745



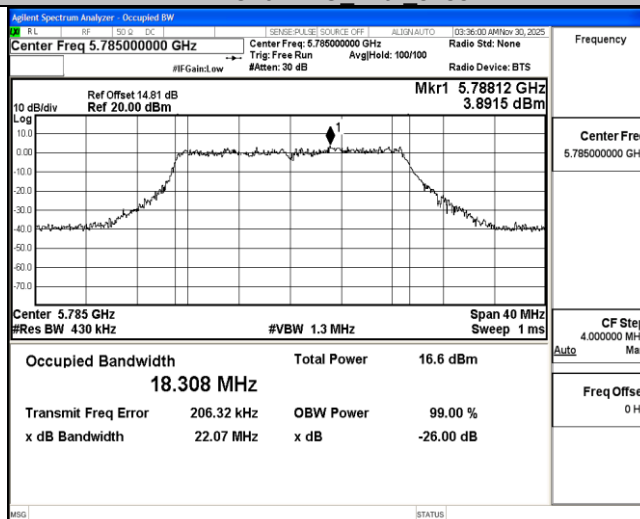
11AC20MIMO_Ant3_5745



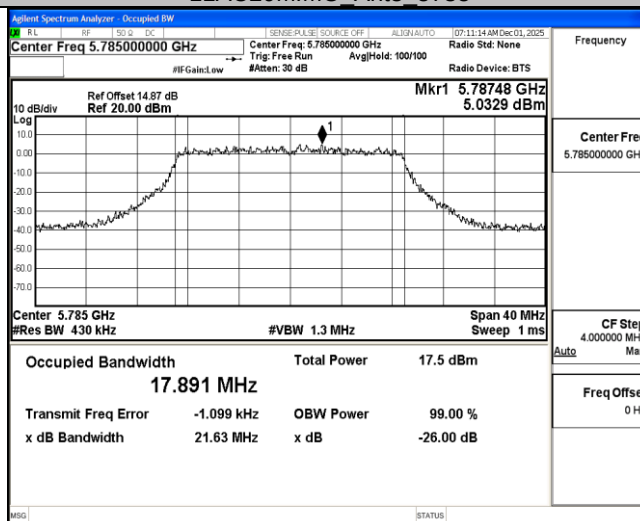
11AC20MIMO_Ant1_5785



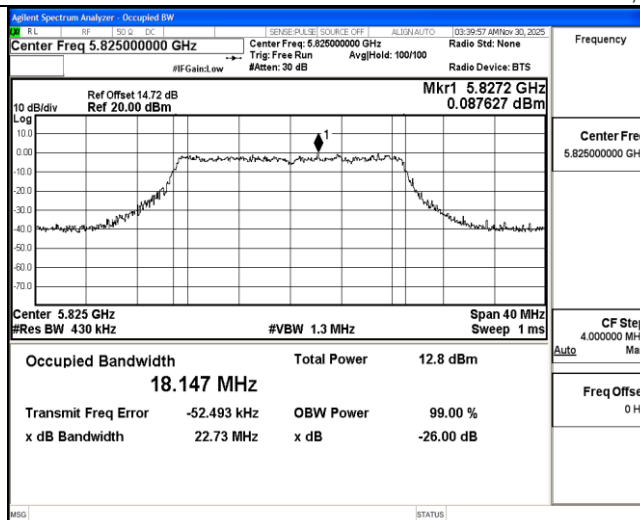
11AC20MIMO_Ant2_5785



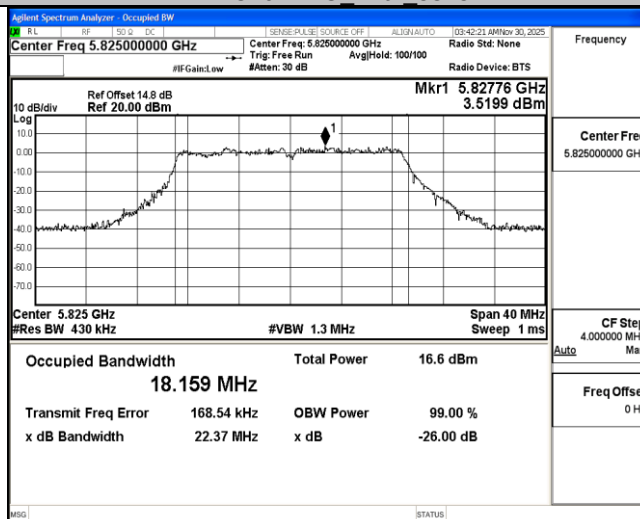
11AC20MIMO_Ant3_5785



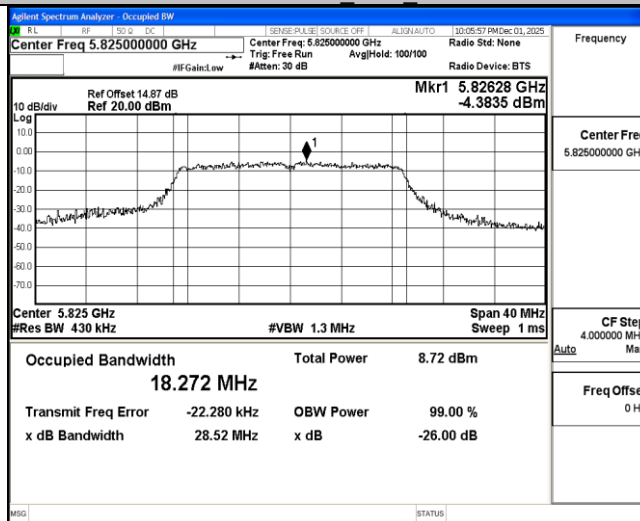
11AC20MIMO_Ant1_5825



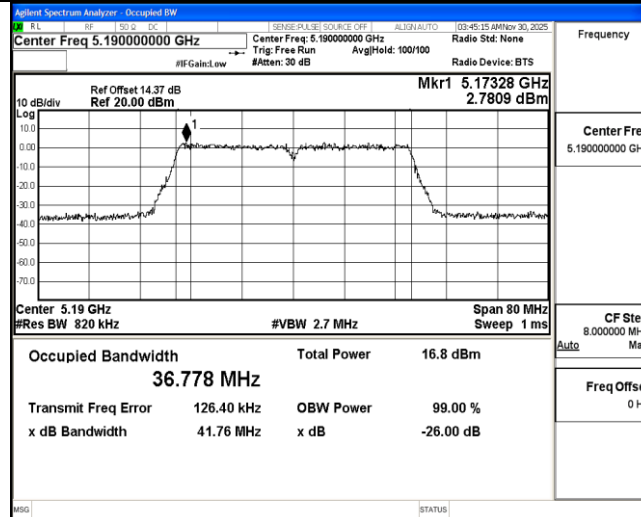
11AC20MIMO_Ant2_5825



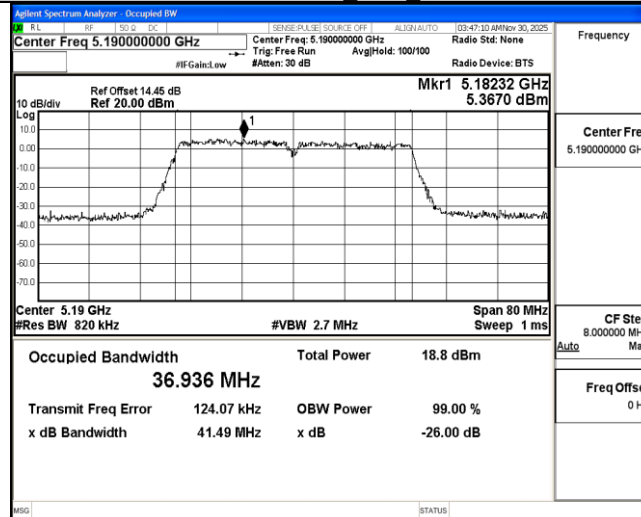
11AC20MIMO_Ant3_5825



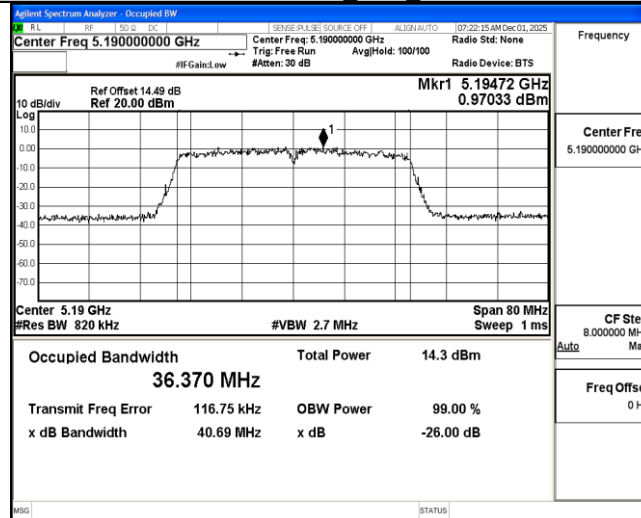
11AC40MIMO_Ant1_5190



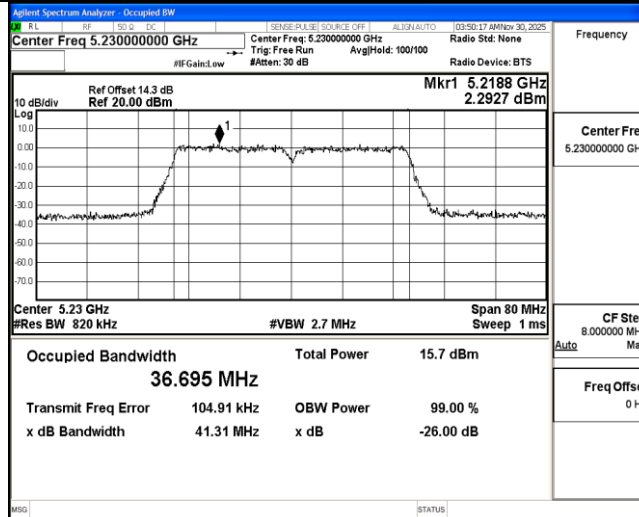
11AC40MIMO_Ant2_5190



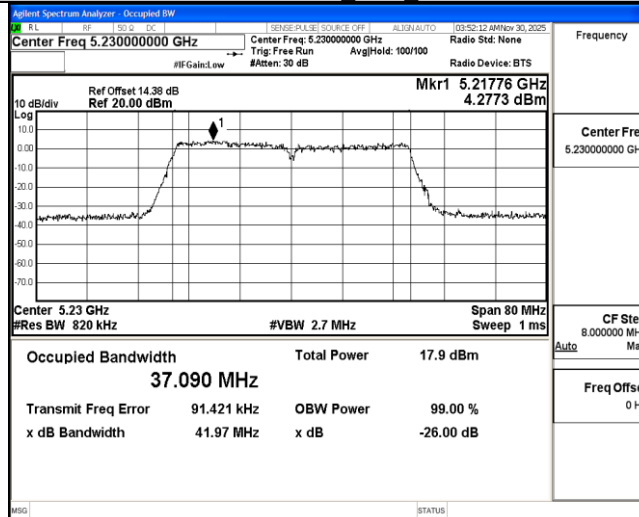
11AC40MIMO_Ant3_5190



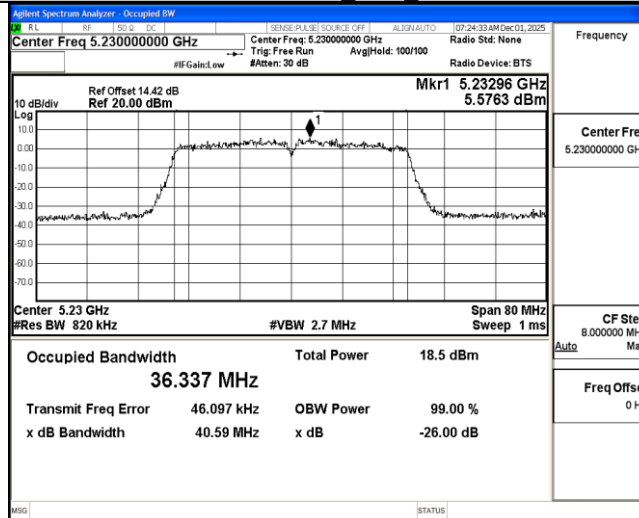
11AC40MIMO_Ant1_5230



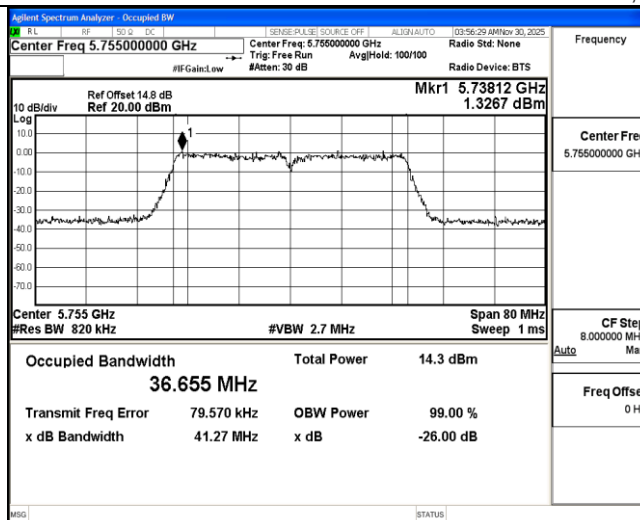
11AC40MIMO_Ant2_5230



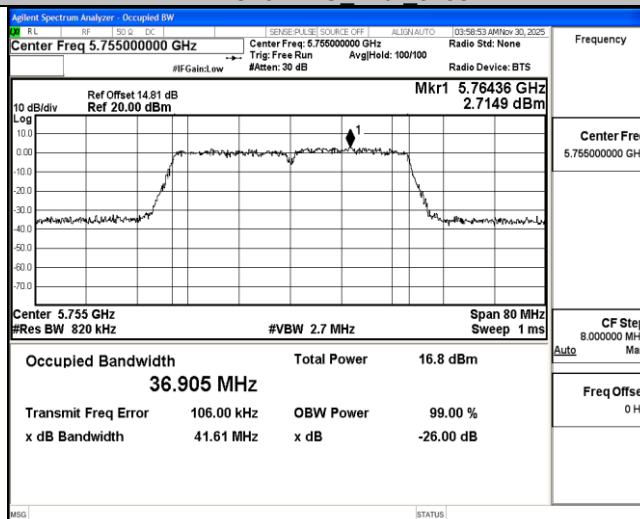
11AC40MIMO_Ant3_5230



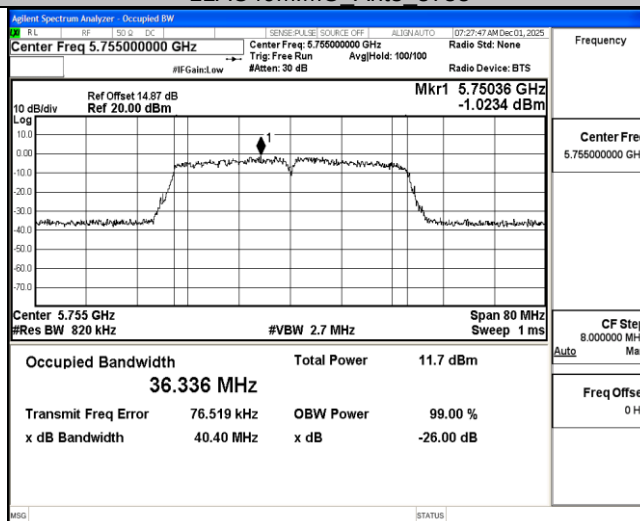
11AC40MIMO_Ant1_5755



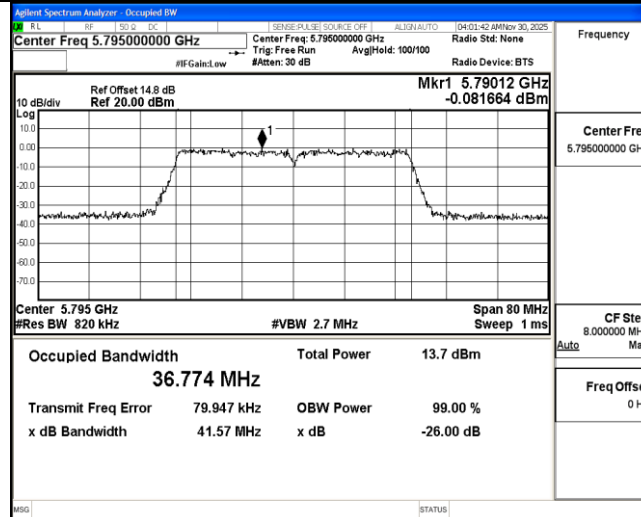
11AC40MIMO_Ant2_5755



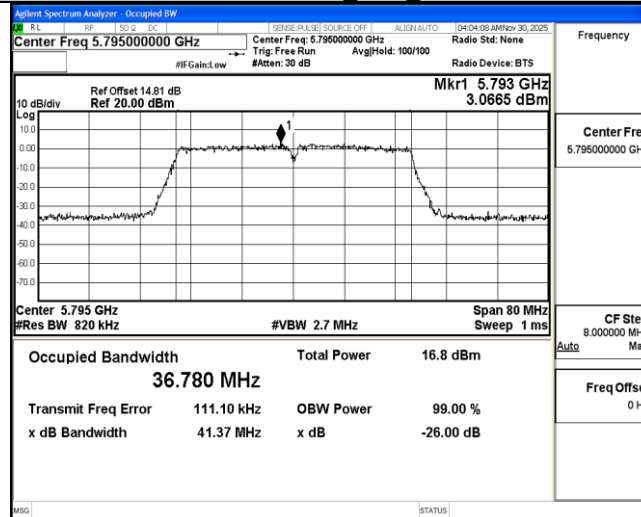
11AC40MIMO_Ant3_5755



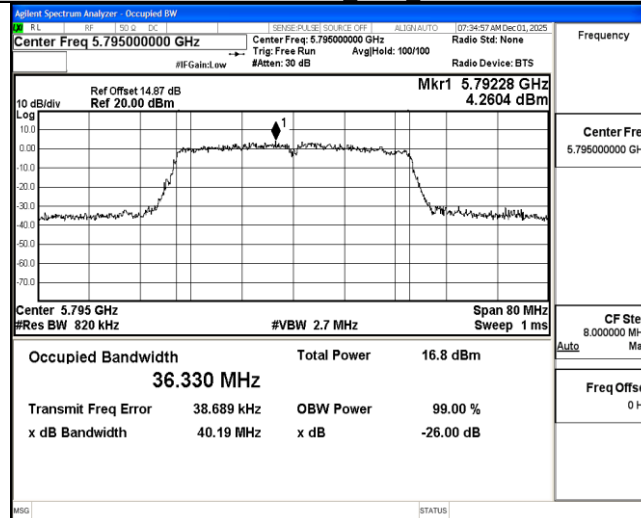
11AC40MIMO_Ant1_5795



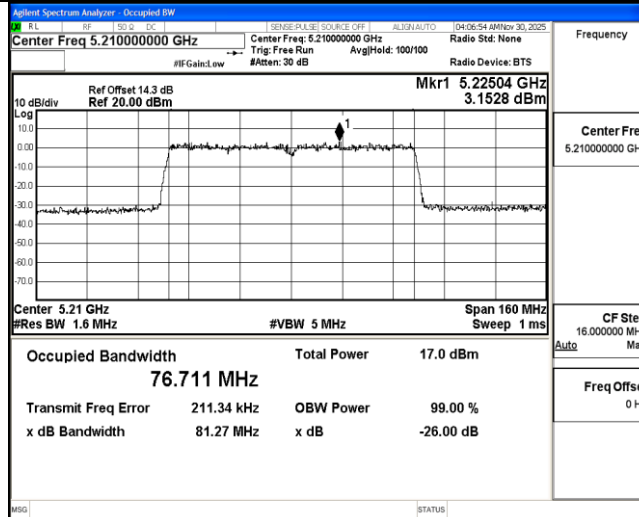
11AC40MIMO_Ant2_5795



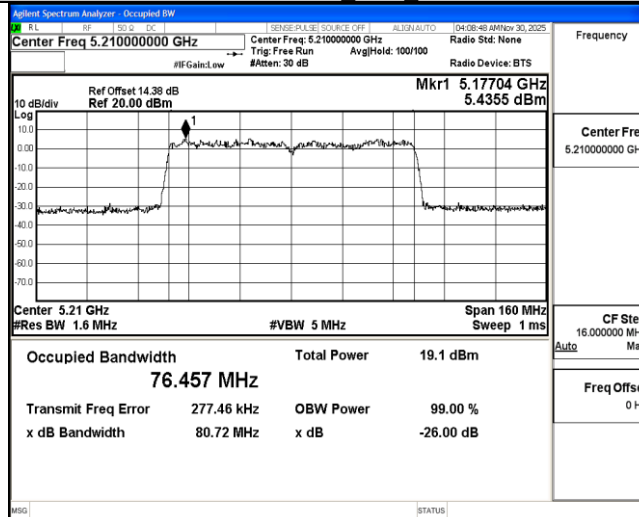
11AC40MIMO_Ant3_5795



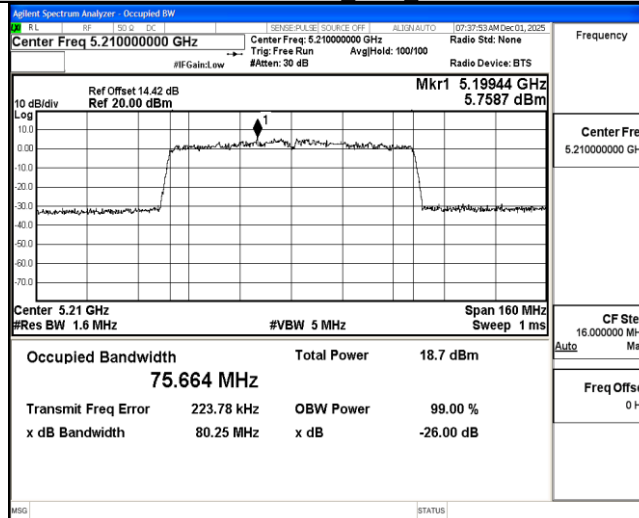
11AC80MIMO_Ant1_5210



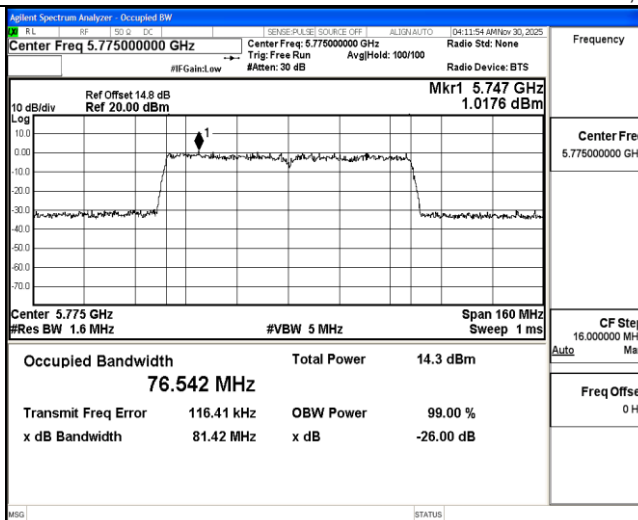
11AC80MIMO_Ant2_5210



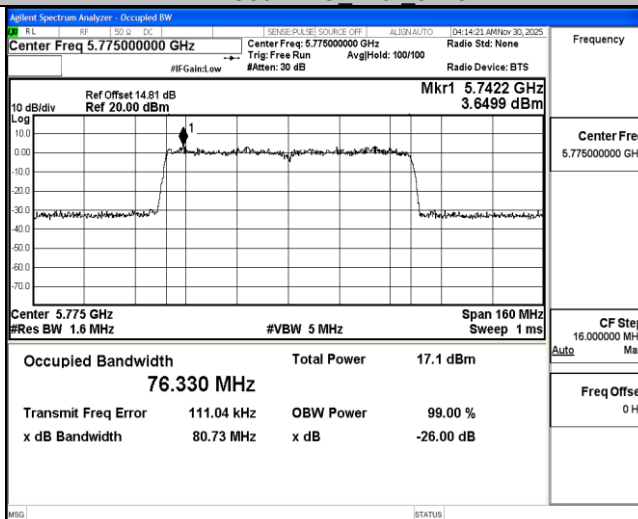
11AC80MIMO_Ant3_5210



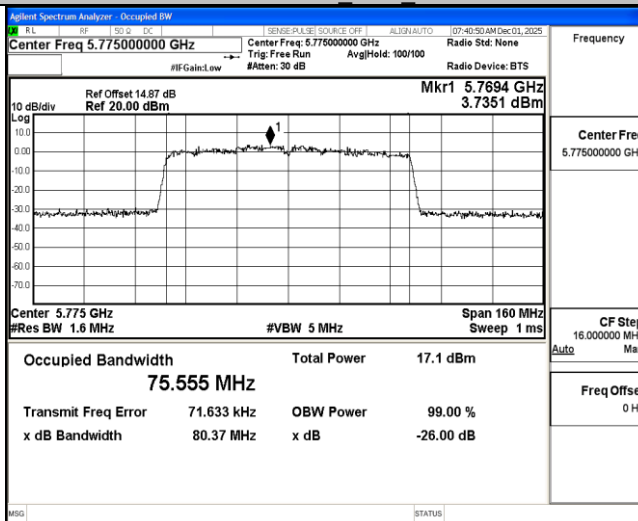
11AC80MIMO_Ant1_5775



11AC80MIMO Ant2 5775



11AC80MIMO Ant3 5775



**Appendix D: Maximum conducted output power****Test Result**

Test Mode	Antenna	Freq(MHz)	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	5180	10.17	96.55	0.15	10.32	≤21.84	PASS
	Ant2	5180	11.43	96.55	0.15	11.58	≤21.84	PASS
	Ant3	5180	10.92	95.86	0.18	11.10	≤21.84	PASS
	Ant1	5200	10.31	96.55	0.15	10.46	≤21.84	PASS
	Ant2	5200	11.49	95.86	0.18	11.67	≤21.84	PASS
	Ant3	5200	11.45	96.55	0.15	11.60	≤21.84	PASS
	Ant1	5240	10.35	95.86	0.18	10.53	≤21.84	PASS
	Ant2	5240	11.94	95.86	0.18	12.12	≤21.84	PASS
	Ant3	5240	11.91	95.89	0.18	12.09	≤21.84	PASS
	Ant1	5745	10.30	95.21	0.21	10.51	≤27.86	PASS
	Ant2	5745	11.36	96.55	0.15	11.51	≤27.86	PASS
	Ant3	5745	10.01	96.55	0.15	10.16	≤27.86	PASS
	Ant1	5785	11.30	95.86	0.18	11.48	≤27.86	PASS
	Ant2	5785	11.92	96.55	0.15	12.07	≤27.86	PASS
	Ant3	5785	11.00	95.86	0.18	11.18	≤27.86	PASS
	Ant1	5825	10.71	95.86	0.18	10.89	≤27.86	PASS
	Ant2	5825	10.98	95.86	0.18	11.16	≤27.86	PASS
	Ant3	5825	10.08	96.55	0.15	10.23	≤27.86	PASS
11N20MI MO	Ant1	5180	10.63	91.89	0.37	11.00	≤21.84	PASS
	Ant2	5180	9.73	93.15	0.31	10.04	≤21.84	PASS
	Ant3	5180	10.60	91.89	0.37	10.97	≤21.84	PASS
	total	5180	---	---	---	15.46	≤21.84	PASS
	Ant1	5200	10.11	91.78	0.37	10.48	≤21.84	PASS
	Ant2	5200	11.49	91.78	0.37	11.86	≤21.84	PASS
	Ant3	5200	11.88	95.62	0.19	12.07	≤21.84	PASS
	total	5200	---	---	---	16.30	≤21.84	PASS
	Ant1	5240	11.38	91.67	0.38	11.76	≤21.84	PASS
	Ant2	5240	10.78	91.67	0.38	11.16	≤21.84	PASS
	Ant3	5240	11.22	95.62	0.19	11.41	≤21.84	PASS
	total	5240	---	---	---	16.22	≤21.84	PASS
	Ant1	5745	10.71	91.67	0.38	11.09	≤27.86	PASS
	Ant2	5745	12.13	91.67	0.38	12.51	≤27.86	PASS
	Ant3	5745	11.03	95.62	0.19	11.22	≤27.86	PASS
	total	5745	---	---	---	16.43	≤27.86	PASS
	Ant1	5785	11.08	91.67	0.38	11.46	≤27.86	PASS
	Ant2	5785	10.80	91.67	0.38	11.18	≤27.86	PASS
	Ant3	5785	10.38	88.89	0.51	10.89	≤27.86	PASS
	total	5785	---	---	---	15.95	≤27.86	PASS
	Ant1	5825	10.99	91.67	0.38	11.37	≤27.86	PASS
	Ant2	5825	10.91	91.67	0.38	11.29	≤27.86	PASS
	Ant3	5825	11.79	95.62	0.19	11.98	≤27.86	PASS
	total	5825	---	---	---	15.86	≤27.86	PASS
11N40MI MO	Ant1	5190	9.48	85.37	0.69	10.17	≤21.84	PASS
	Ant2	5190	11.35	85.37	0.69	12.04	≤21.84	PASS
	Ant3	5190	11.90	91.55	0.38	12.28	≤21.84	PASS
	total	5190	---	---	---	16.36	≤21.84	PASS
	Ant1	5230	10.82	85.37	0.69	11.51	≤21.84	PASS
	Ant2	5230	11.69	85.37	0.69	12.38	≤21.84	PASS
	Ant3	5230	10.35	91.55	0.38	10.73	≤21.84	PASS
	total	5230	---	---	---	16.36	≤21.84	PASS
	Ant1	5755	11.65	85.37	0.69	12.34	≤27.86	PASS
	Ant2	5755	11.10	85.37	0.69	11.79	≤27.86	PASS
	Ant3	5755	10.58	91.55	0.38	10.96	≤27.86	PASS
	total	5755	---	---	---	16.50	≤27.86	PASS
	Ant1	5795	11.31	85.37	0.69	12.00	≤27.86	PASS
	Ant2	5795	11.49	85.37	0.69	12.18	≤27.86	PASS



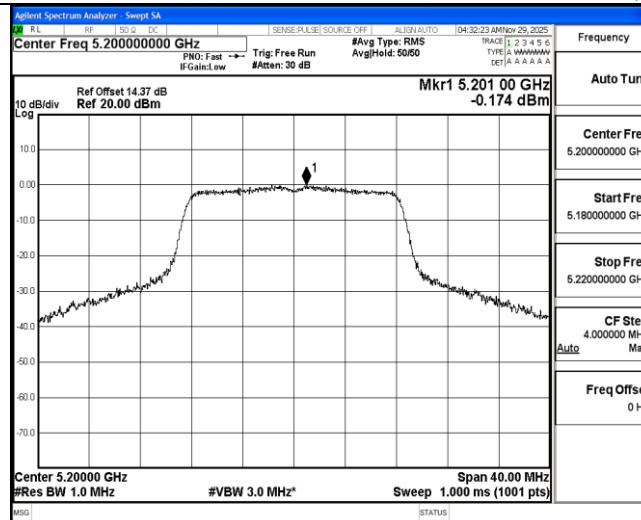
	Ant3	5795	9.73	83.87	0.76	10.49	≤27.86	PASS
	total	5795	---	---	---	16.39	≤27.86	PASS
11AC20 MIMO	Ant1	5180	10.07	60.00	2.22	12.29	≤21.84	PASS
	Ant2	5180	9.67	60.00	2.22	11.89	≤21.84	PASS
	Ant3	5180	11.01	88.89	0.51	11.52	≤21.84	PASS
	total	5180	---	---	---	16.68	≤21.84	PASS
	Ant1	5200	8.13	57.14	2.43	10.56	≤21.84	PASS
	Ant2	5200	9.66	60.00	2.22	11.88	≤21.84	PASS
	Ant3	5200	10.61	88.89	0.51	11.12	≤21.84	PASS
	total	5200	---	---	---	15.99	≤21.84	PASS
	Ant1	5240	9.08	60.00	2.22	11.30	≤21.84	PASS
	Ant2	5240	9.72	60.00	2.22	11.94	≤21.84	PASS
	Ant3	5240	11.07	88.89	0.51	11.58	≤21.84	PASS
	total	5240	---	---	---	16.39	≤21.84	PASS
	Ant1	5745	8.37	64.29	1.92	10.29	≤27.86	PASS
	Ant2	5745	10.01	60.00	2.22	12.23	≤27.86	PASS
	Ant3	5745	11.59	88.89	0.51	12.10	≤27.86	PASS
	total	5745	---	---	---	16.40	≤27.86	PASS
	Ant1	5785	9.20	57.14	2.43	11.63	≤27.86	PASS
	Ant2	5785	8.69	60.00	2.22	10.91	≤27.86	PASS
	Ant3	5785	10.85	88.89	0.51	11.36	≤27.86	PASS
	total	5785	---	---	---	16.08	≤27.86	PASS
	Ant1	5825	8.23	60.00	2.22	10.45	≤27.86	PASS
	Ant2	5825	9.27	64.29	1.92	11.19	≤27.86	PASS
	Ant3	5825	9.70	90.57	0.43	10.13	≤27.86	PASS
	total	5825	---	---	---	15.38	≤27.86	PASS
11AC40 MIMO	Ant1	5190	8.05	53.85	2.69	10.74	≤21.84	PASS
	Ant2	5190	8.51	53.85	2.69	11.20	≤21.84	PASS
	Ant3	5190	8.28	57.14	2.43	10.71	≤21.84	PASS
	total	5190	---	---	---	15.66	≤21.84	PASS
	Ant1	5230	7.83	53.85	2.69	10.52	≤21.84	PASS
	Ant2	5230	8.65	53.85	2.69	11.34	≤21.84	PASS
	Ant3	5230	9.55	53.85	2.69	12.24	≤21.84	PASS
	total	5230	---	---	---	16.19	≤21.84	PASS
	Ant1	5755	7.44	53.85	2.69	10.13	≤27.86	PASS
	Ant2	5755	8.92	53.85	2.69	11.61	≤27.86	PASS
	Ant3	5755	8.53	61.54	2.11	10.64	≤27.86	PASS
	total	5755	---	---	---	15.61	≤27.86	PASS
	Ant1	5795	7.41	53.85	2.69	10.10	≤27.86	PASS
	Ant2	5795	8.51	53.85	2.69	11.20	≤27.86	PASS
	Ant3	5795	8.68	53.85	2.69	11.37	≤27.86	PASS
	total	5795	---	---	---	15.70	≤27.86	PASS
11AC80 MIMO	Ant1	5210	7.38	54.55	2.63	10.01	≤21.84	PASS
	Ant2	5210	9.31	50.00	3.01	12.32	≤21.84	PASS
	Ant3	5210	8.82	58.33	2.34	11.16	≤21.84	PASS
	total	5210	---	---	---	16.04	≤21.84	PASS
	Ant1	5775	7.94	50.00	3.01	10.95	≤27.86	PASS
	Ant2	5775	9.12	54.55	2.63	11.75	≤27.86	PASS
	Ant3	5775	7.18	50.00	3.01	10.19	≤27.86	PASS
	total	5775	---	---	---	15.78	≤27.86	PASS

**Appendix E: Maximum power spectral density****Test Result**

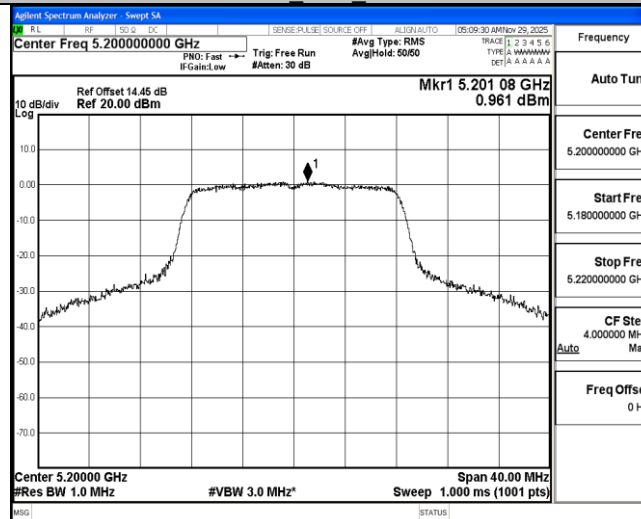
TestMode	Antenna	Freq (MHz)	Raw Data [dBm/MHz]	DC Factor	RBW Factor	Result [dBm/MHz]	Limit [dBm/MHz]	Verdict
11A	Ant1	5180	-0.58	0.15	0.00	-0.43	≤8.86	PASS
	Ant2	5180	1.3	0.15	0.00	1.45	≤8.86	PASS
	Ant3	5180	0.63	0.18	0.00	0.81	≤8.86	PASS
	Ant1	5200	-0.17	0.15	0.00	-0.02	≤8.86	PASS
	Ant2	5200	0.96	0.18	0.00	1.14	≤8.86	PASS
	Ant3	5200	1.17	0.15	0.00	1.32	≤8.86	PASS
	Ant1	5240	-0.24	0.18	0.00	-0.06	≤8.86	PASS
	Ant2	5240	1.16	0.18	0.00	1.34	≤8.86	PASS
	Ant3	5240	1.19	0.18	0.00	1.37	≤8.86	PASS
	Ant1	5745	-6.41	0.21	2.22	-3.98	≤27.86	PASS
	Ant2	5745	-5.37	0.15	2.22	-3.00	≤27.86	PASS
	Ant3	5745	-5.69	0.15	2.22	-3.32	≤27.86	PASS
	Ant1	5785	-7	0.18	2.22	-4.60	≤27.86	PASS
	Ant2	5785	-5.11	0.15	2.22	-2.74	≤27.86	PASS
	Ant3	5785	-5.73	0.18	2.22	-3.33	≤27.86	PASS
	Ant1	5825	-7.3	0.18	2.22	-4.90	≤27.86	PASS
	Ant2	5825	-6.01	0.18	2.22	-3.61	≤27.86	PASS
	Ant3	5825	-6.28	0.15	2.22	-3.91	≤27.86	PASS
11N20MIMO	Ant1	5180	-2.75	0.37	0.00	-2.38	≤8.86	PASS
	Ant2	5180	-0.72	0.31	0.00	-0.41	≤8.86	PASS
	Ant3	5180	-1.94	0.37	0.00	-1.57	≤8.86	PASS
	total	5180	---	---	---	3.39	≤8.86	PASS
	Ant1	5200	-1.54	0.37	0.00	-1.17	≤8.86	PASS
	Ant2	5200	-0.17	0.37	0.00	0.20	≤8.86	PASS
	Ant3	5200	1.32	0.19	0.00	1.51	≤8.86	PASS
	total	5200	---	---	---	5.09	≤8.86	PASS
	Ant1	5240	-2.19	0.38	0.00	-1.81	≤8.86	PASS
	Ant2	5240	-0.2	0.38	0.00	0.18	≤8.86	PASS
	Ant3	5240	0.32	0.19	0.00	0.51	≤8.86	PASS
	total	5240	---	---	---	4.51	≤8.86	PASS
	Ant1	5745	-10.16	0.38	2.22	-7.56	≤27.86	PASS
	Ant2	5745	-7.63	0.38	2.22	-5.03	≤27.86	PASS
	Ant3	5745	-5.04	0.19	2.22	-2.63	≤27.86	PASS
	total	5745	---	---	---	0.15	≤27.86	PASS
	Ant1	5785	-10.5	0.38	2.22	-7.90	≤27.86	PASS
	Ant2	5785	-7.56	0.38	2.22	-4.96	≤27.86	PASS
	Ant3	5785	-4.92	0.51	2.22	-2.19	≤27.86	PASS
	total	5785	---	---	---	0.36	≤27.86	PASS
	Ant1	5825	-11.41	0.38	2.22	-8.81	≤27.86	PASS
	Ant2	5825	-7.31	0.38	2.22	-4.71	≤27.86	PASS
	Ant3	5825	-3.79	0.19	2.22	-1.38	≤27.86	PASS
	total	5825	---	---	---	0.78	≤27.86	PASS
11N40MIMO	Ant1	5190	-3.52	0.69	0.00	-2.83	≤8.86	PASS
	Ant2	5190	-1.32	0.69	0.00	-0.63	≤8.86	PASS
	Ant3	5190	-0.89	0.38	0.00	-0.51	≤8.86	PASS
	total	5190	---	---	---	3.57	≤8.86	PASS
	Ant1	5230	-3.72	0.69	0.00	-3.03	≤8.86	PASS
	Ant2	5230	-1.59	0.69	0.00	-0.90	≤8.86	PASS
	Ant3	5230	-6.08	0.38	0.00	-5.70	≤8.86	PASS
	total	5230	---	---	---	1.99	≤8.86	PASS
	Ant1	5755	-13.15	0.69	2.22	-10.24	≤27.86	PASS
	Ant2	5755	-5.08	0.69	2.22	-2.17	≤27.86	PASS
	Ant3	5755	-7.1	0.38	2.22	-4.50	≤27.86	PASS
	total	5755	---	---	---	0.24	≤27.86	PASS
	Ant1	5795	-10.74	0.69	2.22	-7.83	≤27.86	PASS
	Ant2	5795	-6.5	0.69	2.22	-3.59	≤27.86	PASS
	Ant3	5795	-7.2	0.76	2.22	-4.22	≤27.86	PASS
	total	5795	---	---	---	-0.08	≤27.86	PASS
11AC20MIMO	Ant1	5180	-4.41	2.22	0.00	-2.19	≤8.86	PASS
	Ant2	5180	-2.09	2.22	0.00	0.13	≤8.86	PASS



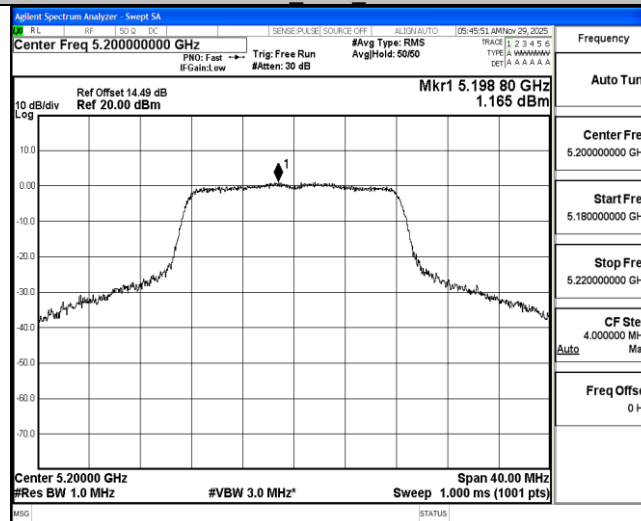
	Ant3	5180	0.56	0.51	0.00	1.07	≤8.86	PASS
	total	5180	---	---	---	4.64	≤8.86	PASS
	Ant1	5200	-5.12	2.43	0.00	-2.69	≤8.86	PASS
	Ant2	5200	-2.35	2.22	0.00	-0.13	≤8.86	PASS
	Ant3	5200	0.07	0.51	0.00	0.58	≤8.86	PASS
	total	5200	---	---	---	4.24	≤8.86	PASS
	Ant1	5240	-5.36	2.22	0.00	-3.14	≤8.86	PASS
	Ant2	5240	-2.59	2.22	0.00	-0.37	≤8.86	PASS
	Ant3	5240	0.38	0.51	0.00	0.89	≤8.86	PASS
	total	5240	---	---	---	4.20	≤8.86	PASS
	Ant1	5745	-8.09	1.92	2.22	-3.95	≤27.86	PASS
	Ant2	5745	-6.07	2.22	2.22	-1.63	≤27.86	PASS
	Ant3	5745	-3.65	0.51	2.22	-0.92	≤27.86	PASS
	total	5745	---	---	---	2.78	≤27.86	PASS
	Ant1	5785	-8.65	2.43	2.22	-4.00	≤27.86	PASS
	Ant2	5785	-6	2.22	2.22	-1.56	≤27.86	PASS
	Ant3	5785	-4.64	0.51	2.22	-1.91	≤27.86	PASS
	total	5785	---	---	---	2.41	≤27.86	PASS
	Ant1	5825	-8.86	2.22	2.22	-4.42	≤27.86	PASS
	Ant2	5825	-5.02	1.92	2.22	-0.88	≤27.86	PASS
	Ant3	5825	-5.3	0.43	2.22	-2.65	≤27.86	PASS
	total	5825	---	---	---	2.36	≤27.86	PASS
11AC40MIMO	Ant1	5190	-5.29	2.69	0.00	-2.60	≤8.86	PASS
	Ant2	5190	-3.22	2.69	0.00	-0.53	≤8.86	PASS
	Ant3	5190	-3.88	2.43	0.00	-1.45	≤8.86	PASS
	total	5190	---	---	---	3.33	≤8.86	PASS
	Ant1	5230	-6.87	2.69	0.00	-4.18	≤8.86	PASS
	Ant2	5230	-4.19	2.69	0.00	-1.50	≤8.86	PASS
	Ant3	5230	-3.25	2.69	0.00	-0.56	≤8.86	PASS
	total	5230	---	---	---	2.94	≤8.86	PASS
	Ant1	5755	-11.26	2.69	2.22	-6.35	≤27.86	PASS
	Ant2	5755	-9.71	2.69	2.22	-4.80	≤27.86	PASS
	Ant3	5755	-7.99	2.11	2.22	-3.66	≤27.86	PASS
	total	5755	---	---	---	-0.03	≤27.86	PASS
	Ant1	5795	-12.74	2.69	2.22	-7.83	≤27.86	PASS
	Ant2	5795	-9.59	2.69	2.22	-4.68	≤27.86	PASS
	Ant3	5795	-6.89	2.69	2.22	-1.98	≤27.86	PASS
	total	5795	---	---	---	0.57	≤27.86	PASS
11AC80MIMO	Ant1	5210	-9.06	2.63	0.00	-6.43	≤8.86	PASS
	Ant2	5210	-6.64	3.01	0.00	-3.63	≤8.86	PASS
	Ant3	5210	-6.62	2.34	0.00	-4.28	≤8.86	PASS
	total	5210	---	---	---	0.15	≤8.86	PASS
	Ant1	5775	-15.71	3.01	2.22	-10.48	≤27.86	PASS
	Ant2	5775	-12.43	2.63	2.22	-7.58	≤27.86	PASS
	Ant3	5775	-8.47	3.01	2.22	-3.24	≤27.86	PASS
	total	5775	---	---	---	-1.32	≤27.86	PASS



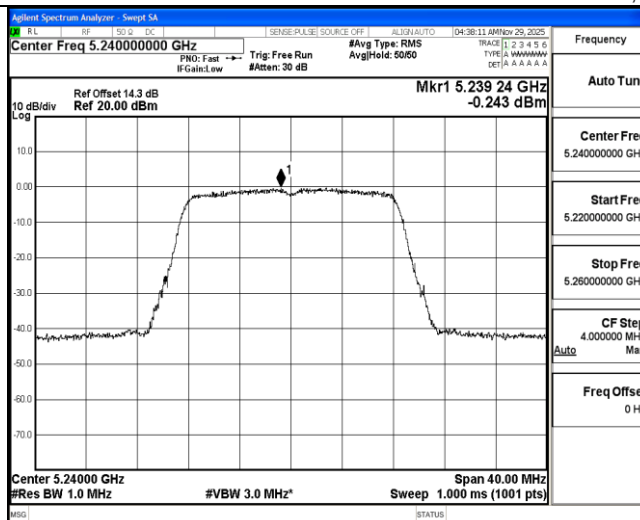
11A Ant2 5200



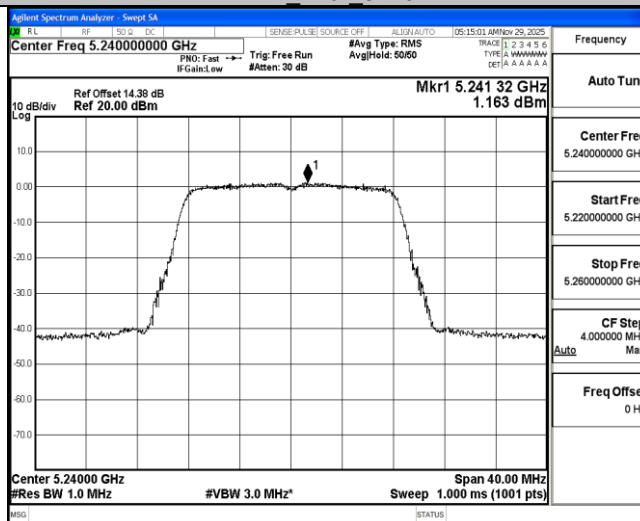
11A Ant3 5200



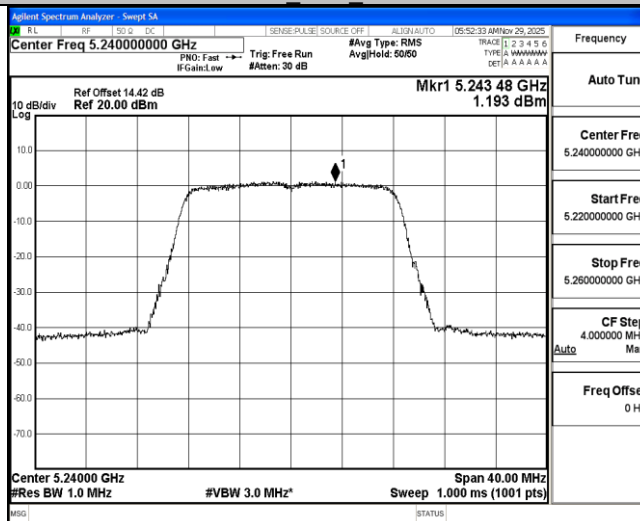
11A Ant1 5240



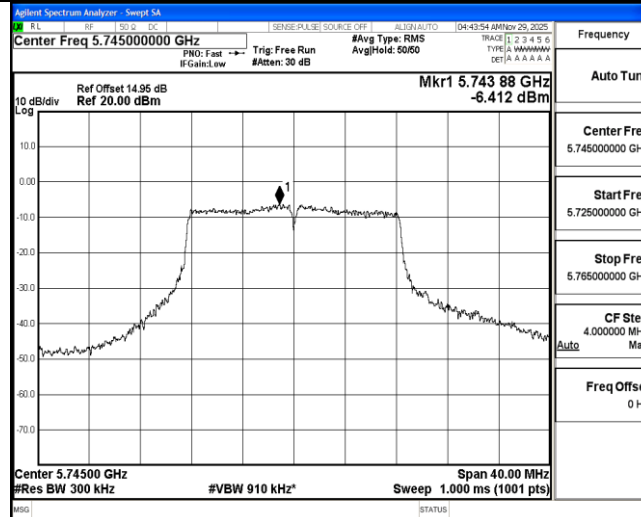
11A Ant2 5240



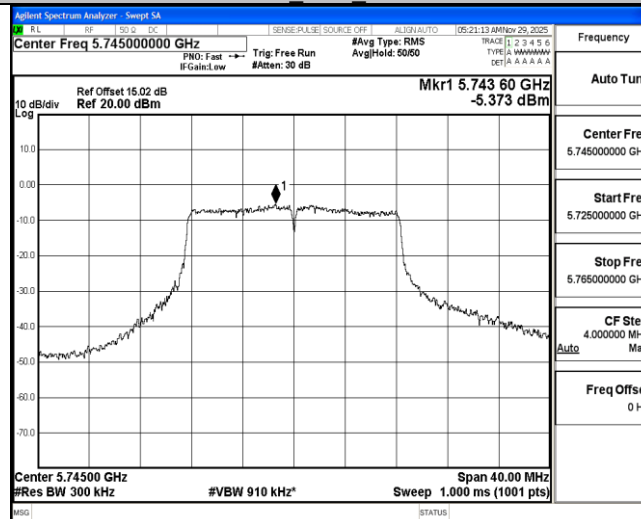
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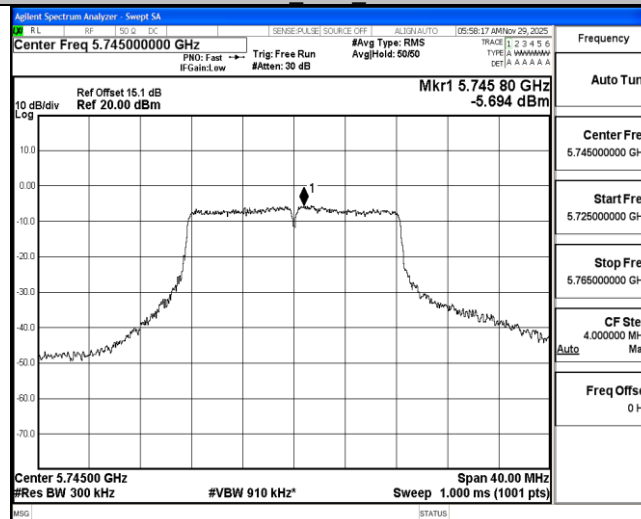
11A Ant1 5745



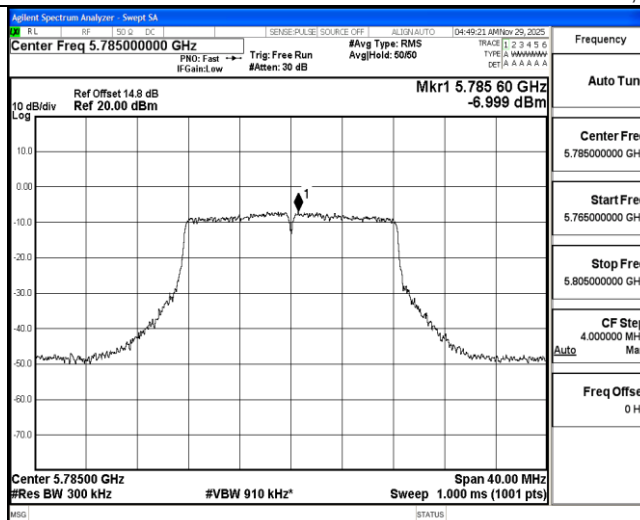
11A Ant2 5745



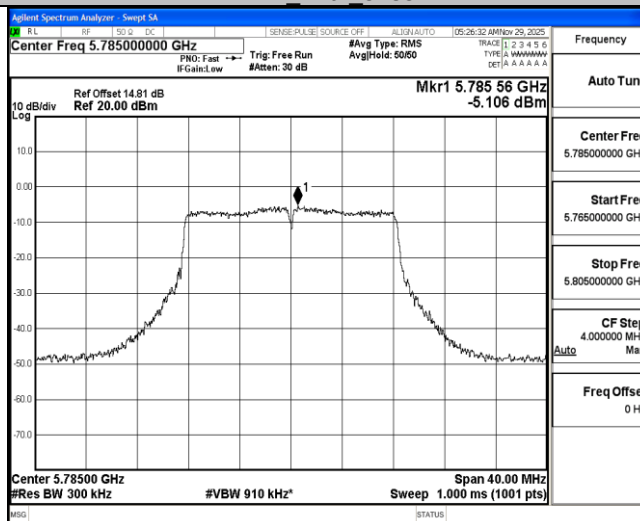
11A Ant3 5745



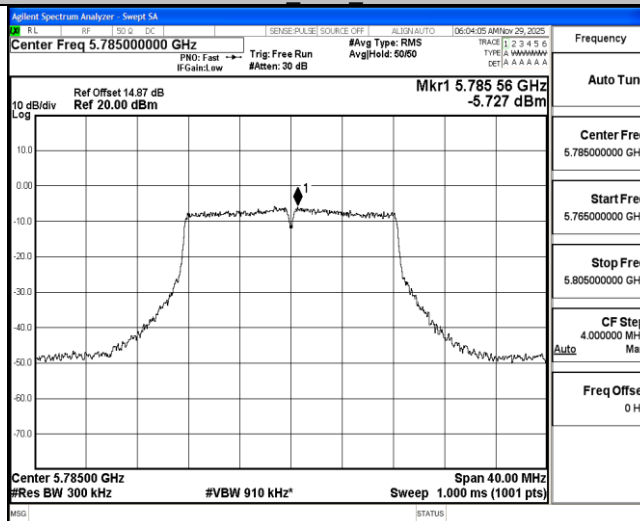
11A Ant1 5785



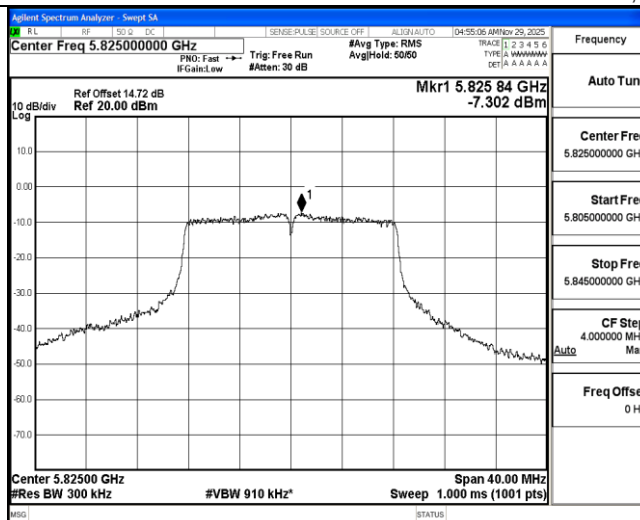
11A Ant2 5785



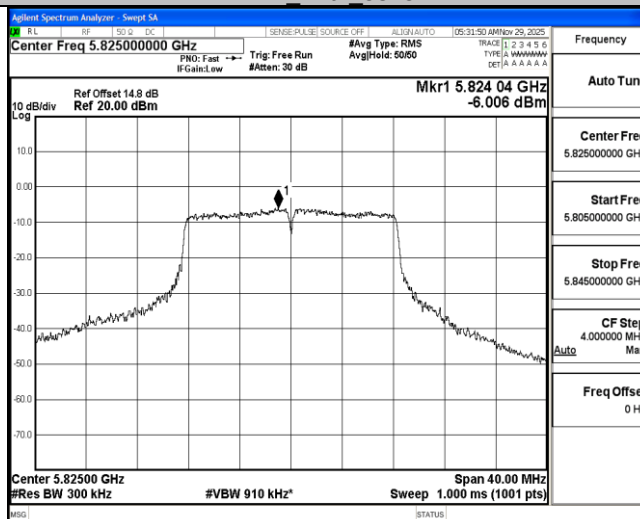
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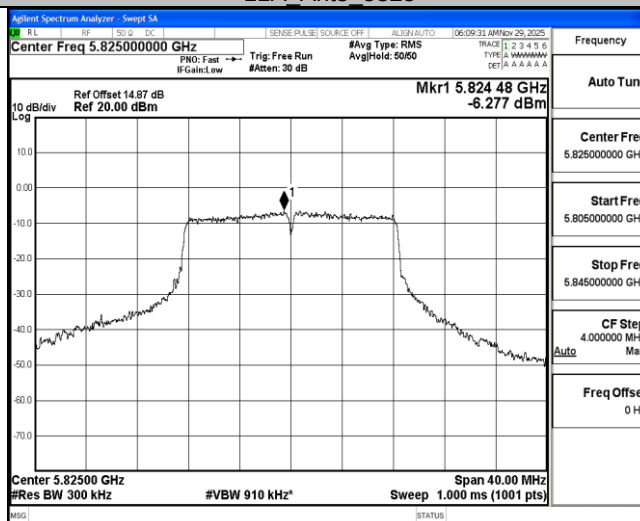
11A Ant1 5825



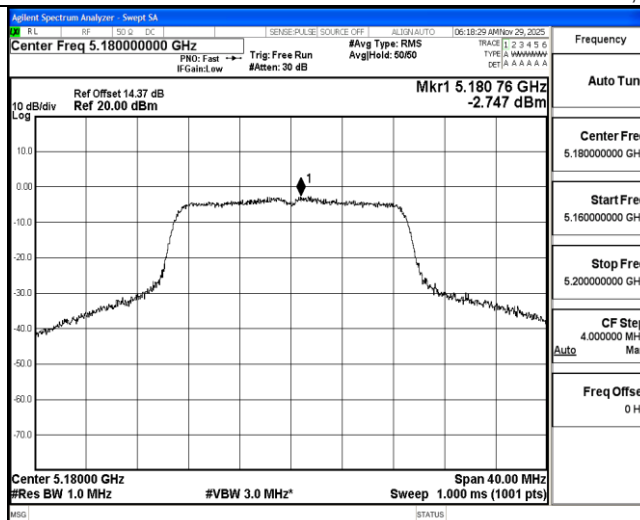
11A Ant2 5825



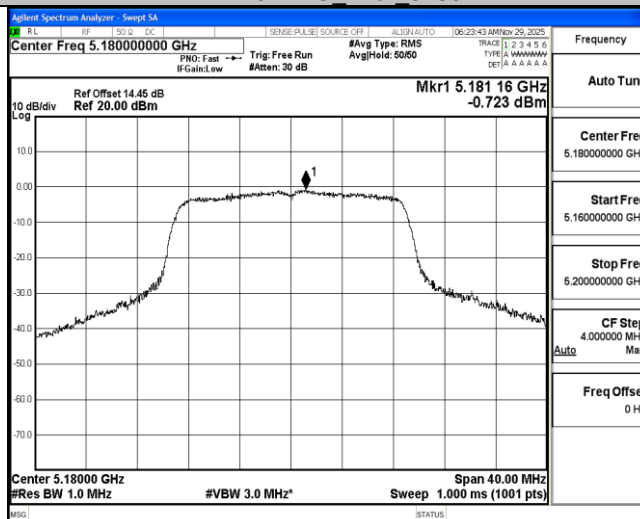
11A Ant3 5825



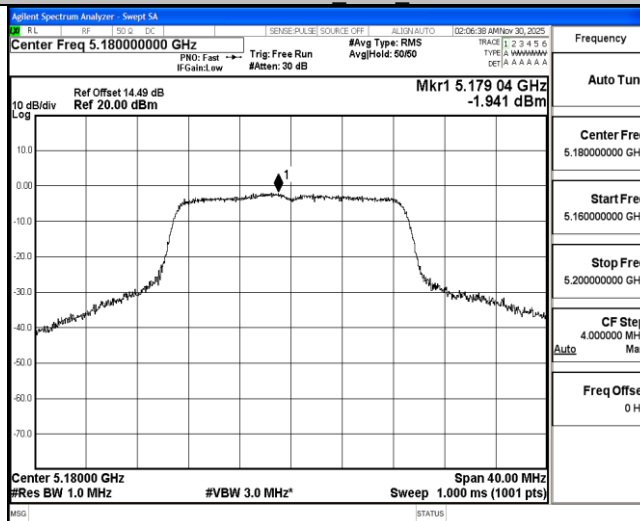
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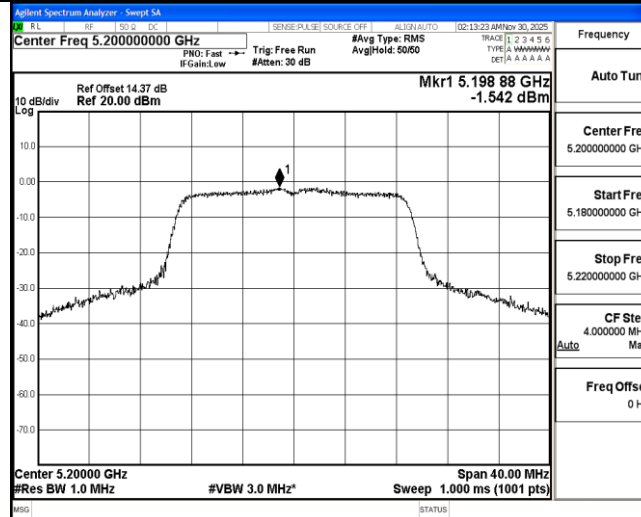
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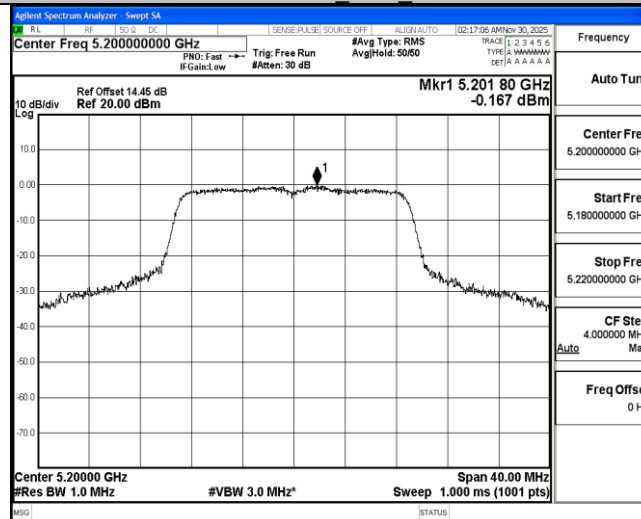
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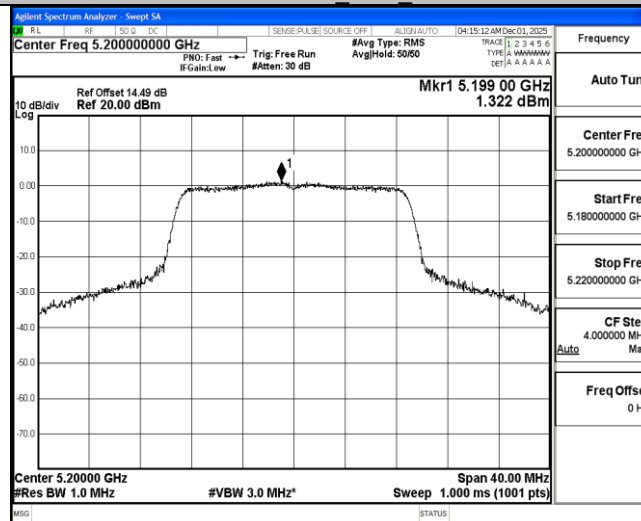
11N20MIMO Ant1 5200



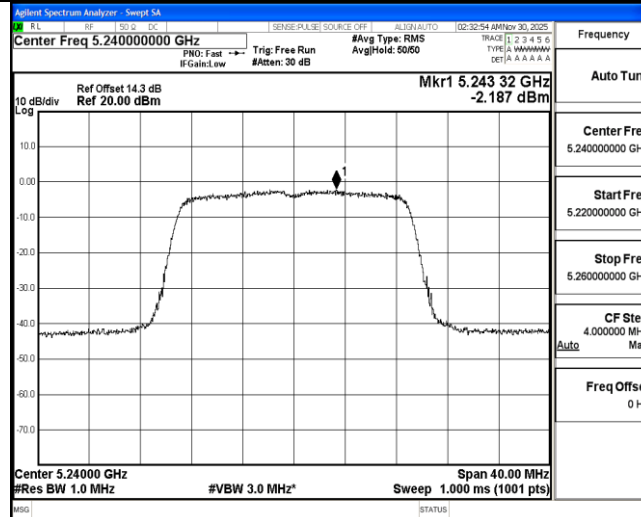
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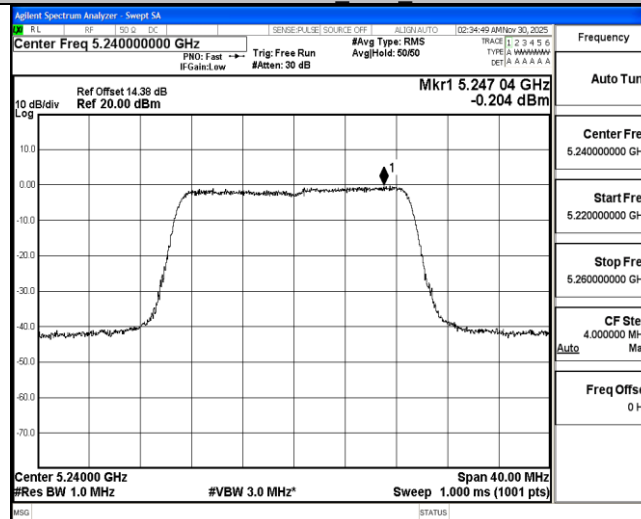
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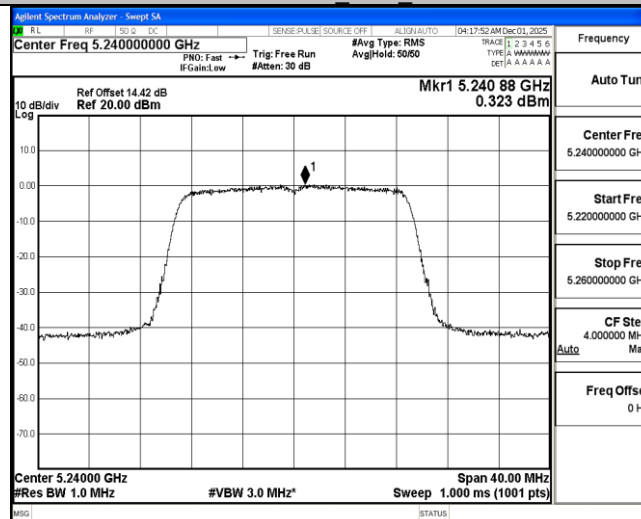
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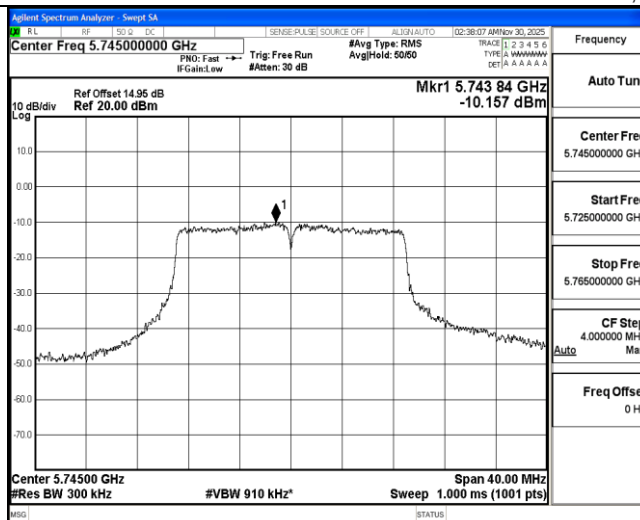
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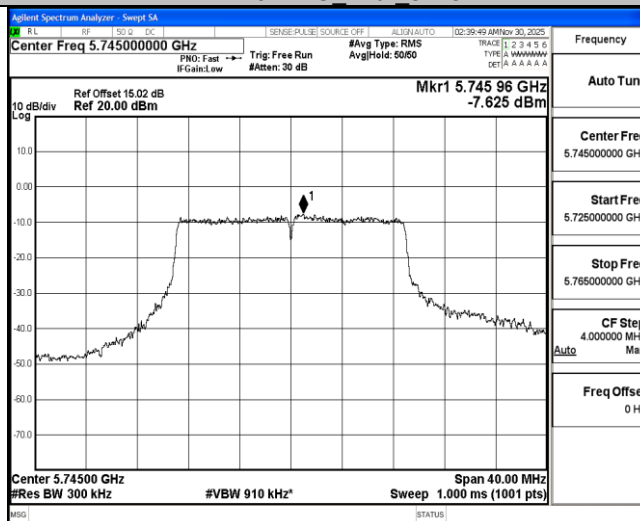
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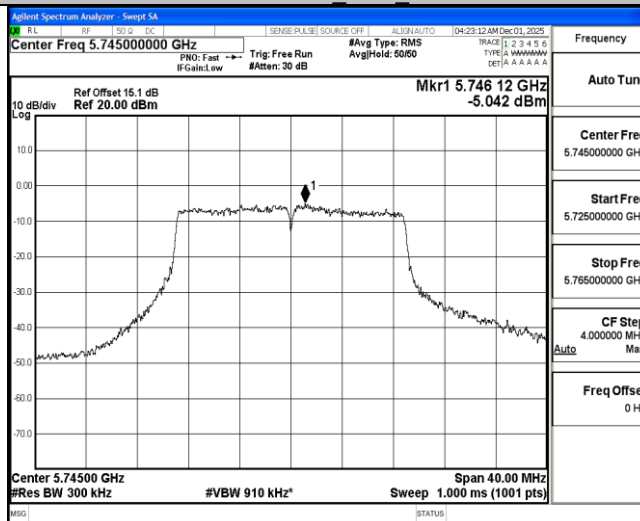
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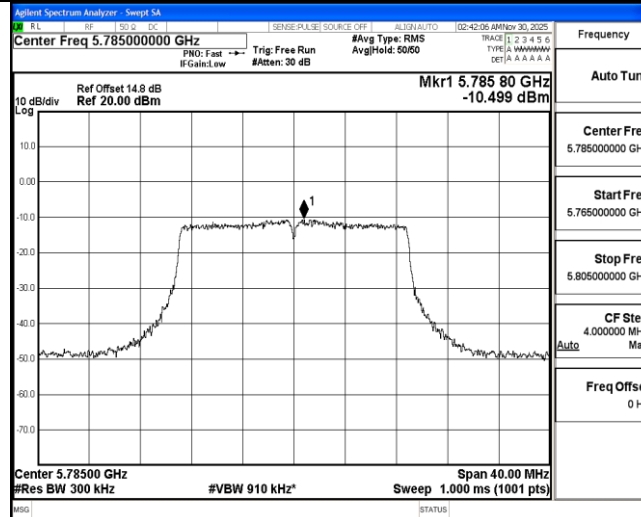
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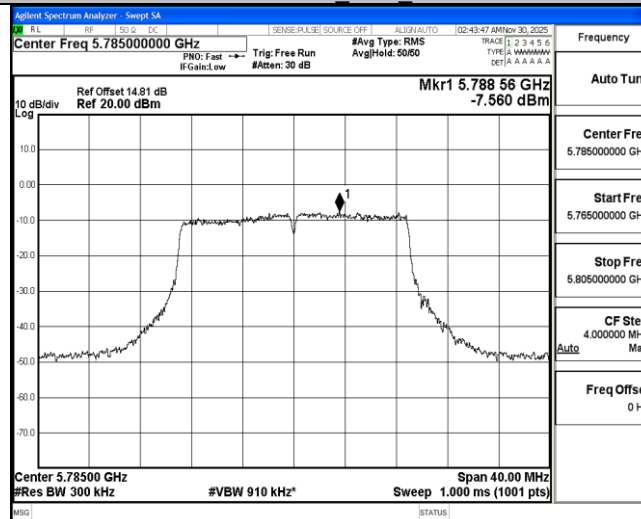
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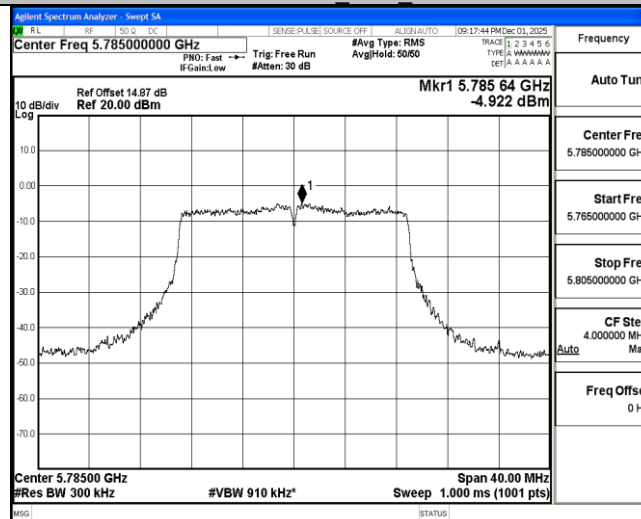
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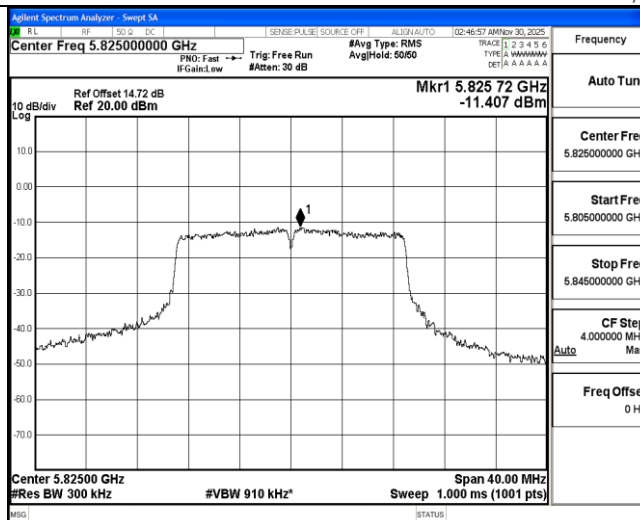
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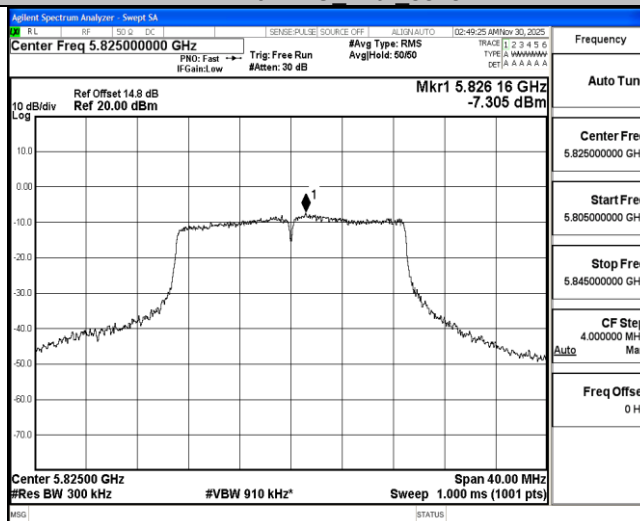
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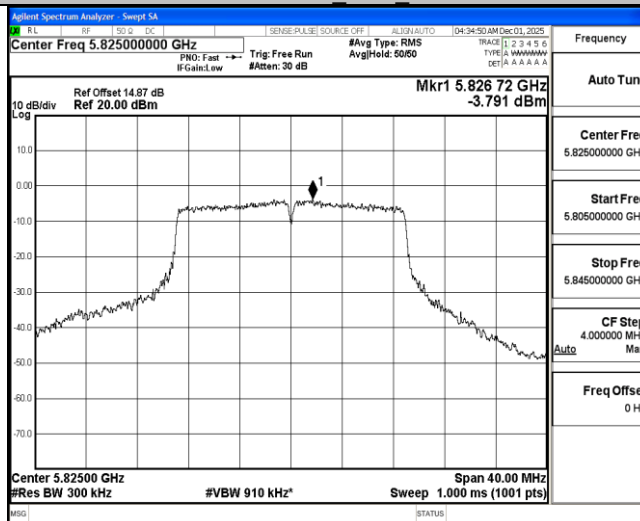
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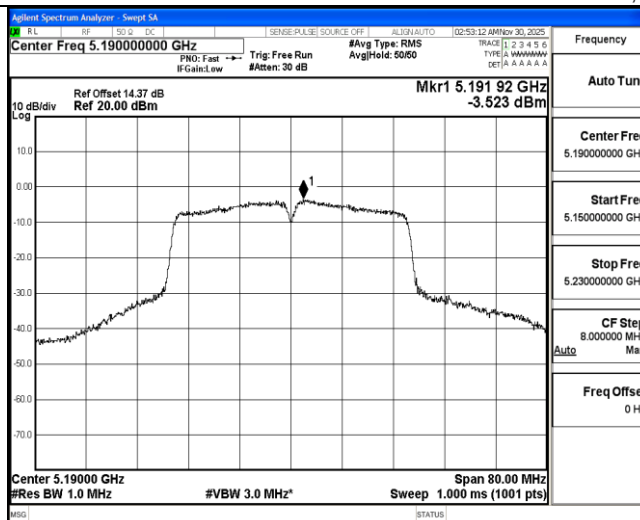
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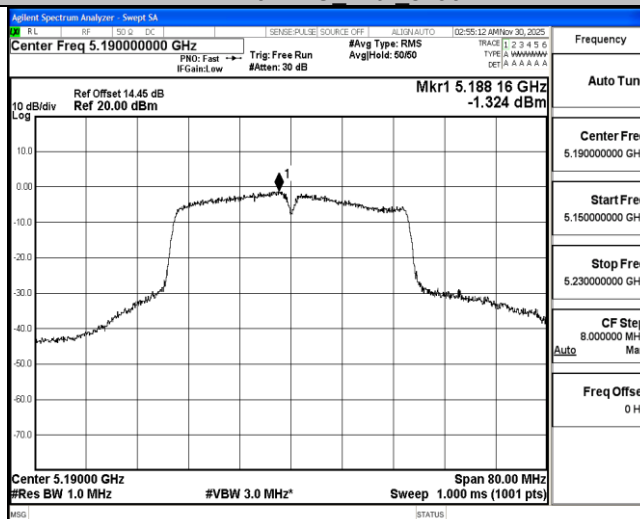
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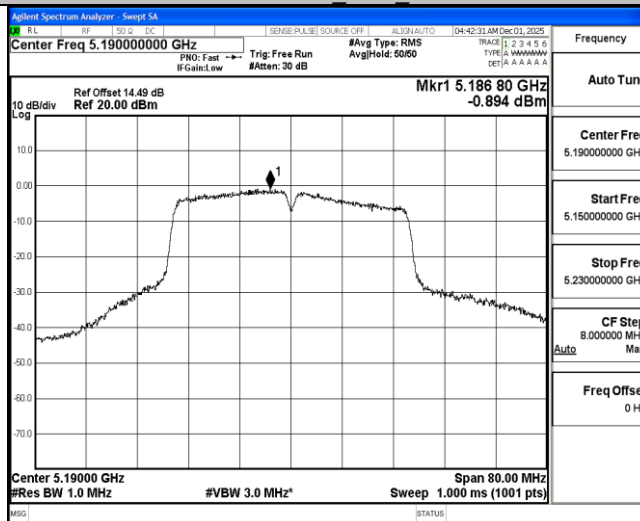
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11N40MIMO Ant2 5190



11N40MIMO Ant3 5190



11N40MIMO Ant1 5230