

Appendix B.45

NR Band n48



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N48	30	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.27	17.17	23	PASS
N48	30	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.2	17.1	23	PASS
N48	30	10	DFT-PI2BPSK	L	Outer_Full	22.69	16.59	23	PASS
N48	30	10	DFT-QPSK	L	Inner_1RB_Left	23.26	17.16	23	PASS
N48	30	10	DFT-QPSK	L	Inner_1RB_Right	23.23	17.13	23	PASS
N48	30	10	DFT-QPSK	L	Outer_Full	22.25	16.15	23	PASS
N48	30	10	DFT-16QAM	L	Inner_1RB_Left	22.39	16.29	23	PASS
N48	30	10	DFT-16QAM	L	Inner_1RB_Right	22.42	16.32	23	PASS
N48	30	10	DFT-16QAM	L	Outer_Full	21.29	15.19	23	PASS
N48	30	10	DFT-64QAM	L	Inner_1RB_Left	20.75	14.65	23	PASS
N48	30	10	DFT-64QAM	L	Inner_1RB_Right	20.85	14.75	23	PASS
N48	30	10	DFT-64QAM	L	Outer_Full	20.76	14.66	23	PASS
N48	30	10	DFT-256QAM	L	Inner_1RB_Left	18.57	12.47	23	PASS
N48	30	10	DFT-256QAM	L	Inner_1RB_Right	18.56	12.46	23	PASS
N48	30	10	DFT-256QAM	L	Outer_Full	18.63	12.53	23	PASS
N48	30	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.15	17.05	23	PASS
N48	30	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.19	17.09	23	PASS
N48	30	10	DFT-PI2BPSK	M	Outer_Full	22.61	16.51	23	PASS
N48	30	10	DFT-QPSK	M	Inner_1RB_Left	23.17	17.07	23	PASS



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N48	30	10	DFT-QPSK	M	Inner_1RB_Right	23.21	17.11	23	PASS
N48	30	10	DFT-QPSK	M	Outer_Full	22.11	16.01	23	PASS
N48	30	10	DFT-16QAM	M	Inner_1RB_Left	22.39	16.29	23	PASS
N48	30	10	DFT-16QAM	M	Inner_1RB_Right	22.36	16.26	23	PASS
N48	30	10	DFT-16QAM	M	Outer_Full	21.24	15.14	23	PASS
N48	30	10	DFT-64QAM	M	Inner_1RB_Left	20.77	14.67	23	PASS
N48	30	10	DFT-64QAM	M	Inner_1RB_Right	20.82	14.72	23	PASS
N48	30	10	DFT-64QAM	M	Outer_Full	20.7	14.6	23	PASS
N48	30	10	DFT-256QAM	M	Inner_1RB_Left	18.5	12.4	23	PASS
N48	30	10	DFT-256QAM	M	Inner_1RB_Right	18.33	12.23	23	PASS
N48	30	10	DFT-256QAM	M	Outer_Full	18.65	12.55	23	PASS
N48	30	10	DFT-PI2BPSK	H	Inner_1RB_Left	22.95	16.85	23	PASS
N48	30	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.09	16.99	23	PASS
N48	30	10	DFT-PI2BPSK	H	Outer_Full	22.51	16.41	23	PASS
N48	30	10	DFT-QPSK	H	Inner_1RB_Left	22.91	16.81	23	PASS
N48	30	10	DFT-QPSK	H	Inner_1RB_Right	23.05	16.95	23	PASS
N48	30	10	DFT-QPSK	H	Outer_Full	22.02	15.92	23	PASS
N48	30	10	DFT-16QAM	H	Inner_1RB_Left	22.13	16.03	23	PASS
N48	30	10	DFT-16QAM	H	Inner_1RB_Right	22.25	16.15	23	PASS
N48	30	10	DFT-16QAM	H	Outer_Full	21.11	15.01	23	PASS
N48	30	10	DFT-64QAM	H	Inner_1RB_Left	20.5	14.4	23	PASS
N48	30	10	DFT-64QAM	H	Inner_1RB_Right	20.53	14.43	23	PASS
N48	30	10	DFT-64QAM	H	Outer_Full	20.57	14.47	23	PASS



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N48	30	10	DFT-256QAM	H	Inner_1RB_Left	18.33	12.23	23	PASS
N48	30	10	DFT-256QAM	H	Inner_1RB_Right	18.41	12.31	23	PASS
N48	30	10	DFT-256QAM	H	Outer_Full	18.46	12.36	23	PASS
N48	30	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.43	17.33	23	PASS
N48	30	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.34	17.24	23	PASS
N48	30	20	DFT-PI2BPSK	L	Outer_Full	22.96	16.86	23	PASS
N48	30	20	DFT-QPSK	L	Inner_1RB_Left	23.42	17.32	23	PASS
N48	30	20	DFT-QPSK	L	Inner_1RB_Right	23.38	17.28	23	PASS
N48	30	20	DFT-QPSK	L	Outer_Full	22.41	16.31	23	PASS
N48	30	20	DFT-16QAM	L	Inner_1RB_Left	22.59	16.49	23	PASS
N48	30	20	DFT-16QAM	L	Inner_1RB_Right	22.49	16.39	23	PASS
N48	30	20	DFT-16QAM	L	Outer_Full	21.49	15.39	23	PASS
N48	30	20	DFT-64QAM	L	Inner_1RB_Left	21.1	15	23	PASS
N48	30	20	DFT-64QAM	L	Inner_1RB_Right	20.9	14.8	23	PASS
N48	30	20	DFT-64QAM	L	Outer_Full	21.06	14.96	23	PASS
N48	30	20	DFT-256QAM	L	Inner_1RB_Left	18.81	12.71	23	PASS
N48	30	20	DFT-256QAM	L	Inner_1RB_Right	18.68	12.58	23	PASS
N48	30	20	DFT-256QAM	L	Outer_Full	18.92	12.82	23	PASS
N48	30	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.33	17.23	23	PASS
N48	30	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.06	16.96	23	PASS
N48	30	20	DFT-PI2BPSK	M	Outer_Full	22.81	16.71	23	PASS
N48	30	20	DFT-QPSK	M	Inner_1RB_Left	23.31	17.21	23	PASS
N48	30	20	DFT-QPSK	M	Inner_1RB_Right	23.14	17.04	23	PASS



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N48	30	20	DFT-QPSK	M	Outer_Full	22.25	16.15	23	PASS
N48	30	20	DFT-16QAM	M	Inner_1RB_Left	22.47	16.37	23	PASS
N48	30	20	DFT-16QAM	M	Inner_1RB_Right	22.42	16.32	23	PASS
N48	30	20	DFT-16QAM	M	Outer_Full	21.28	15.18	23	PASS
N48	30	20	DFT-64QAM	M	Inner_1RB_Left	20.94	14.84	23	PASS
N48	30	20	DFT-64QAM	M	Inner_1RB_Right	20.73	14.63	23	PASS
N48	30	20	DFT-64QAM	M	Outer_Full	20.75	14.65	23	PASS
N48	30	20	DFT-256QAM	M	Inner_1RB_Left	18.69	12.59	23	PASS
N48	30	20	DFT-256QAM	M	Inner_1RB_Right	18.47	12.37	23	PASS
N48	30	20	DFT-256QAM	M	Outer_Full	18.8	12.7	23	PASS
N48	30	20	DFT-PI2BPSK	H	Inner_1RB_Left	22.99	16.89	23	PASS
N48	30	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.23	17.13	23	PASS
N48	30	20	DFT-PI2BPSK	H	Outer_Full	22.51	16.41	23	PASS
N48	30	20	DFT-QPSK	H	Inner_1RB_Left	22.94	16.84	23	PASS
N48	30	20	DFT-QPSK	H	Inner_1RB_Right	23.19	17.09	23	PASS
N48	30	20	DFT-QPSK	H	Outer_Full	22.03	15.93	23	PASS
N48	30	20	DFT-16QAM	H	Inner_1RB_Left	22.12	16.02	23	PASS
N48	30	20	DFT-16QAM	H	Inner_1RB_Right	22.28	16.18	23	PASS
N48	30	20	DFT-16QAM	H	Outer_Full	21.05	14.95	23	PASS
N48	30	20	DFT-64QAM	H	Inner_1RB_Left	20.5	14.4	23	PASS
N48	30	20	DFT-64QAM	H	Inner_1RB_Right	20.77	14.67	23	PASS
N48	30	20	DFT-64QAM	H	Outer_Full	20.57	14.47	23	PASS
N48	30	20	DFT-256QAM	H	Inner_1RB_Left	18.36	12.26	23	PASS



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N48	30	20	DFT-256QAM	H	Inner_1RB_Right	18.47	12.37	23	PASS
N48	30	20	DFT-256QAM	H	Outer_Full	18.48	12.38	23	PASS
N48	30	30	DFT-PI2BPSK	L	Inner_1RB_Left	23.52	17.42	23	PASS
N48	30	30	DFT-PI2BPSK	L	Inner_1RB_Right	23.1	17	23	PASS
N48	30	30	DFT-PI2BPSK	L	Outer_Full	22.87	16.77	23	PASS
N48	30	30	DFT-QPSK	L	Inner_1RB_Left	23.51	17.41	23	PASS
N48	30	30	DFT-QPSK	L	Inner_1RB_Right	23.17	17.07	23	PASS
N48	30	30	DFT-QPSK	L	Outer_Full	22.4	16.3	23	PASS
N48	30	30	DFT-16QAM	L	Inner_1RB_Left	22.68	16.58	23	PASS
N48	30	30	DFT-16QAM	L	Inner_1RB_Right	22.32	16.22	23	PASS
N48	30	30	DFT-16QAM	L	Outer_Full	21.3	15.2	23	PASS
N48	30	30	DFT-64QAM	L	Inner_1RB_Left	21.05	14.95	23	PASS
N48	30	30	DFT-64QAM	L	Inner_1RB_Right	20.73	14.63	23	PASS
N48	30	30	DFT-64QAM	L	Outer_Full	20.94	14.84	23	PASS
N48	30	30	DFT-256QAM	L	Inner_1RB_Left	18.88	12.78	23	PASS
N48	30	30	DFT-256QAM	L	Inner_1RB_Right	18.6	12.5	23	PASS
N48	30	30	DFT-256QAM	L	Outer_Full	18.83	12.73	23	PASS
N48	30	30	DFT-PI2BPSK	M	Inner_1RB_Left	23.48	17.38	23	PASS
N48	30	30	DFT-PI2BPSK	M	Inner_1RB_Right	23.03	16.93	23	PASS
N48	30	30	DFT-PI2BPSK	M	Outer_Full	22.8	16.7	23	PASS
N48	30	30	DFT-QPSK	M	Inner_1RB_Left	23.54	17.44	23	PASS
N48	30	30	DFT-QPSK	M	Inner_1RB_Right	23.06	16.96	23	PASS
N48	30	30	DFT-QPSK	M	Outer_Full	22.3	16.2	23	PASS



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N48	30	30	DFT-16QAM	M	Inner_1RB_Left	22.65	16.55	23	PASS
N48	30	30	DFT-16QAM	M	Inner_1RB_Right	22.26	16.16	23	PASS
N48	30	30	DFT-16QAM	M	Outer_Full	21.34	15.24	23	PASS
N48	30	30	DFT-64QAM	M	Inner_1RB_Left	21.03	14.93	23	PASS
N48	30	30	DFT-64QAM	M	Inner_1RB_Right	20.63	14.53	23	PASS
N48	30	30	DFT-64QAM	M	Outer_Full	20.82	14.72	23	PASS
N48	30	30	DFT-256QAM	M	Inner_1RB_Left	18.83	12.73	23	PASS
N48	30	30	DFT-256QAM	M	Inner_1RB_Right	18.45	12.35	23	PASS
N48	30	30	DFT-256QAM	M	Outer_Full	18.82	12.72	23	PASS
N48	30	30	DFT-PI2BPSK	H	Inner_1RB_Left	23.15	17.05	23	PASS
N48	30	30	DFT-PI2BPSK	H	Inner_1RB_Right	23.11	17.01	23	PASS
N48	30	30	DFT-PI2BPSK	H	Outer_Full	22.58	16.48	23	PASS
N48	30	30	DFT-QPSK	H	Inner_1RB_Left	23.23	17.13	23	PASS
N48	30	30	DFT-QPSK	H	Inner_1RB_Right	23.15	17.05	23	PASS
N48	30	30	DFT-QPSK	H	Outer_Full	22.1	16	23	PASS
N48	30	30	DFT-16QAM	H	Inner_1RB_Left	22.25	16.15	23	PASS
N48	30	30	DFT-16QAM	H	Inner_1RB_Right	22.32	16.22	23	PASS
N48	30	30	DFT-16QAM	H	Outer_Full	21.02	14.92	23	PASS
N48	30	30	DFT-64QAM	H	Inner_1RB_Left	20.68	14.58	23	PASS
N48	30	30	DFT-64QAM	H	Inner_1RB_Right	20.64	14.54	23	PASS
N48	30	30	DFT-64QAM	H	Outer_Full	20.64	14.54	23	PASS
N48	30	30	DFT-256QAM	H	Inner_1RB_Left	18.55	12.45	23	PASS
N48	30	30	DFT-256QAM	H	Inner_1RB_Right	18.44	12.34	23	PASS



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N48	30	30	DFT-256QAM	H	Outer_Full	18.58	12.48	23	PASS
N48	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	23.44	17.34	23	PASS
N48	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	23.17	17.07	23	PASS
N48	30	40	DFT-PI2BPSK	L	Outer_Full	22.79	16.69	23	PASS
N48	30	40	DFT-QPSK	L	Inner_1RB_Left	23.45	17.35	23	PASS
N48	30	40	DFT-QPSK	L	Inner_1RB_Right	23.27	17.17	23	PASS
N48	30	40	DFT-QPSK	L	Outer_Full	23.07	16.97	23	PASS
N48	30	40	DFT-16QAM	L	Inner_1RB_Left	22.39	16.29	23	PASS
N48	30	40	DFT-16QAM	L	Inner_1RB_Right	22.27	16.17	23	PASS
N48	30	40	DFT-16QAM	L	Outer_Full	22.16	16.06	23	PASS
N48	30	40	DFT-64QAM	L	Inner_1RB_Left	22.42	16.32	23	PASS
N48	30	40	DFT-64QAM	L	Inner_1RB_Right	22.19	16.09	23	PASS
N48	30	40	DFT-64QAM	L	Outer_Full	22.05	15.95	23	PASS
N48	30	40	DFT-256QAM	L	Inner_1RB_Left	18.83	12.73	23	PASS
N48	30	40	DFT-256QAM	L	Inner_1RB_Right	18.74	12.64	23	PASS
N48	30	40	DFT-256QAM	L	Outer_Full	18.81	12.71	23	PASS
N48	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	23.53	17.43	23	PASS
N48	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	23.18	17.08	23	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	22.82	16.72	23	PASS
N48	30	40	DFT-QPSK	M	Inner_1RB_Left	23.58	17.48	23	PASS
N48	30	40	DFT-QPSK	M	Inner_1RB_Right	23.11	17.01	23	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	22.27	16.17	23	PASS
N48	30	40	DFT-16QAM	M	Inner_1RB_Left	22.71	16.61	23	PASS



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N48	30	40	DFT-16QAM	M	Inner_1RB_Right	22.21	16.11	23	PASS
N48	30	40	DFT-16QAM	M	Outer_Full	21.38	15.28	23	PASS
N48	30	40	DFT-64QAM	M	Inner_1RB_Left	21.15	15.05	23	PASS
N48	30	40	DFT-64QAM	M	Inner_1RB_Right	20.63	14.53	23	PASS
N48	30	40	DFT-64QAM	M	Outer_Full	20.79	14.69	23	PASS
N48	30	40	DFT-256QAM	M	Inner_1RB_Left	18.93	12.83	23	PASS
N48	30	40	DFT-256QAM	M	Inner_1RB_Right	18.55	12.45	23	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	18.78	12.68	23	PASS
N48	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	23.11	17.01	23	PASS
N48	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	23.31	17.21	23	PASS
N48	30	40	DFT-PI2BPSK	H	Outer_Full	22.66	16.56	23	PASS
N48	30	40	DFT-QPSK	H	Inner_1RB_Left	23.15	17.05	23	PASS
N48	30	40	DFT-QPSK	H	Inner_1RB_Right	23.42	17.32	23	PASS
N48	30	40	DFT-QPSK	H	Outer_Full	22.19	16.09	23	PASS
N48	30	40	DFT-16QAM	H	Inner_1RB_Left	22.31	16.21	23	PASS
N48	30	40	DFT-16QAM	H	Inner_1RB_Right	22.39	16.29	23	PASS
N48	30	40	DFT-16QAM	H	Outer_Full	21.08	14.98	23	PASS
N48	30	40	DFT-64QAM	H	Inner_1RB_Left	20.71	14.61	23	PASS
N48	30	40	DFT-64QAM	H	Inner_1RB_Right	20.79	14.69	23	PASS
N48	30	40	DFT-64QAM	H	Outer_Full	20.63	14.53	23	PASS
N48	30	40	DFT-256QAM	H	Inner_1RB_Left	18.47	12.37	23	PASS
N48	30	40	DFT-256QAM	H	Inner_1RB_Right	18.57	12.47	23	PASS
N48	30	40	DFT-256QAM	H	Outer_Full	18.64	12.54	23	PASS



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Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant0 (dBm)	Power Ant2 (dBm)	Total Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N48	30	10	CP-QPSK	L	Inner_1RB_Left	19.55	18.94	22.26	16.16	23.00	PASS
N48	30	10	CP-QPSK	L	Inner_1RB_Right	19.46	19.17	22.33	16.23	23.00	PASS
N48	30	10	CP-QPSK	L	Outer_Full	17.97	17.38	20.69	14.59	23.00	PASS
N48	30	10	CP-16QAM	L	Inner_1RB_Left	18.98	18.5	21.75	15.65	23.00	PASS
N48	30	10	CP-16QAM	L	Inner_1RB_Right	18.93	18.31	21.63	15.53	23.00	PASS
N48	30	10	CP-16QAM	L	Outer_Full	17.86	17.37	20.63	14.53	23.00	PASS
N48	30	10	CP-64QAM	L	Inner_1RB_Left	17.55	16.94	20.26	14.16	23.00	PASS
N48	30	10	CP-64QAM	L	Inner_1RB_Right	17.6	16.86	20.24	14.14	23.00	PASS
N48	30	10	CP-64QAM	L	Outer_Full	17.36	16.97	20.18	14.08	23.00	PASS
N48	30	10	CP-256QAM	L	Inner_1RB_Left	14.55	13.87	17.22	11.12	23.00	PASS
N48	30	10	CP-256QAM	L	Inner_1RB_Right	14.44	13.76	17.11	11.01	23.00	PASS
N48	30	10	CP-256QAM	L	Outer_Full	14.31	13.94	17.14	11.04	23.00	PASS
N48	30	10	CP-QPSK	M	Inner_1RB_Left	19.1	18.99	22.06	15.96	23.00	PASS
N48	30	10	CP-QPSK	M	Inner_1RB_Right	19.16	19.14	22.16	16.06	23.00	PASS
N48	30	10	CP-QPSK	M	Outer_Full	17.67	17.64	20.67	14.57	23.00	PASS
N48	30	10	CP-16QAM	M	Inner_1RB_Left	18.69	18.44	21.58	15.48	23.00	PASS
N48	30	10	CP-16QAM	M	Inner_1RB_Right	18.74	18.46	21.61	15.51	23.00	PASS
N48	30	10	CP-16QAM	M	Outer_Full	17.62	17.61	20.63	14.53	23.00	PASS



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N48	30	10	CP-64QAM	M	Inner_1RB_Left	17.21	16.98	20.11	14.01	23.00	PASS
N48	30	10	CP-64QAM	M	Inner_1RB_Right	17.21	17	20.12	14.02	23.00	PASS
N48	30	10	CP-64QAM	M	Outer_Full	17.1	17.15	20.14	14.04	23.00	PASS
N48	30	10	CP-256QAM	M	Inner_1RB_Left	14.37	13.9	17.15	11.05	23.00	PASS
N48	30	10	CP-256QAM	M	Inner_1RB_Right	14.26	14.01	17.15	11.05	23.00	PASS
N48	30	10	CP-256QAM	M	Outer_Full	14.1	14.05	17.09	10.99	23.00	PASS
N48	30	10	CP-QPSK	H	Inner_1RB_Left	19.13	19.02	22.09	15.99	23.00	PASS
N48	30	10	CP-QPSK	H	Inner_1RB_Right	19.15	18.94	22.06	15.96	23.00	PASS
N48	30	10	CP-QPSK	H	Outer_Full	17.49	17.33	20.42	14.32	23.00	PASS
N48	30	10	CP-16QAM	H	Inner_1RB_Left	18.45	18.42	21.45	15.35	23.00	PASS
N48	30	10	CP-16QAM	H	Inner_1RB_Right	18.59	18.02	21.32	15.22	23.00	PASS
N48	30	10	CP-16QAM	H	Outer_Full	17.56	17.28	20.43	14.33	23.00	PASS
N48	30	10	CP-64QAM	H	Inner_1RB_Left	17.1	16.87	20.00	13.90	23.00	PASS
N48	30	10	CP-64QAM	H	Inner_1RB_Right	17.12	16.68	19.91	13.81	23.00	PASS
N48	30	10	CP-64QAM	H	Outer_Full	16.93	16.82	19.89	13.79	23.00	PASS
N48	30	10	CP-256QAM	H	Inner_1RB_Left	14.01	13.78	16.91	10.81	23.00	PASS
N48	30	10	CP-256QAM	H	Inner_1RB_Right	14.1	13.57	16.85	10.75	23.00	PASS
N48	30	10	CP-256QAM	H	Outer_Full	13.88	13.81	16.86	10.76	23.00	PASS
N48	30	20	CP-QPSK	L	Inner_1RB_Left	19.81	19.12	22.48	16.38	23.00	PASS
N48	30	20	CP-QPSK	L	Inner_1RB_Right	19.72	19.42	22.58	16.48	23.00	PASS
N48	30	20	CP-QPSK	L	Outer_Full	18.13	17.57	20.86	14.76	23.00	PASS
N48	30	20	CP-16QAM	L	Inner_1RB_Left	19.19	18.71	21.96	15.86	23.00	PASS
N48	30	20	CP-16QAM	L	Inner_1RB_Right	19.38	18.74	22.07	15.97	23.00	PASS



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N48	30	20	CP-16QAM	L	Outer_Full	18.05	17.64	20.86	14.76	23.00	PASS
N48	30	20	CP-64QAM	L	Inner_1RB_Left	17.74	17.05	20.41	14.31	23.00	PASS
N48	30	20	CP-64QAM	L	Inner_1RB_Right	17.63	17.42	20.54	14.44	23.00	PASS
N48	30	20	CP-64QAM	L	Outer_Full	17.67	17.03	20.36	14.26	23.00	PASS
N48	30	20	CP-256QAM	L	Inner_1RB_Left	14.9	14.05	17.49	11.39	23.00	PASS
N48	30	20	CP-256QAM	L	Inner_1RB_Right	14.71	14.28	17.51	11.41	23.00	PASS
N48	30	20	CP-256QAM	L	Outer_Full	14.62	14.18	17.41	11.31	23.00	PASS
N48	30	20	CP-QPSK	M	Inner_1RB_Left	19.36	18.87	22.13	16.03	23.00	PASS
N48	30	20	CP-QPSK	M	Inner_1RB_Right	19.5	19.01	22.27	16.17	23.00	PASS
N48	30	20	CP-QPSK	M	Outer_Full	17.79	17.63	20.72	14.62	23.00	PASS
N48	30	20	CP-16QAM	M	Inner_1RB_Left	18.94	18.31	21.64	15.54	23.00	PASS
N48	30	20	CP-16QAM	M	Inner_1RB_Right	18.84	18.25	21.56	15.46	23.00	PASS
N48	30	20	CP-16QAM	M	Outer_Full	17.81	17.69	20.76	14.66	23.00	PASS
N48	30	20	CP-64QAM	M	Inner_1RB_Left	17.54	17.09	20.33	14.23	23.00	PASS
N48	30	20	CP-64QAM	M	Inner_1RB_Right	17.44	16.87	20.17	14.07	23.00	PASS
N48	30	20	CP-64QAM	M	Outer_Full	17.29	17.13	20.22	14.12	23.00	PASS
N48	30	20	CP-256QAM	M	Inner_1RB_Left	14.56	13.87	17.23	11.13	23.00	PASS
N48	30	20	CP-256QAM	M	Inner_1RB_Right	14.47	13.79	17.14	11.04	23.00	PASS
N48	30	20	CP-256QAM	M	Outer_Full	14.34	14.18	17.27	11.17	23.00	PASS
N48	30	20	CP-QPSK	H	Inner_1RB_Left	19.15	19.01	22.09	15.99	23.00	PASS
N48	30	20	CP-QPSK	H	Inner_1RB_Right	19.26	18.89	22.09	15.99	23.00	PASS
N48	30	20	CP-QPSK	H	Outer_Full	17.57	17.63	20.61	14.51	23.00	PASS
N48	30	20	CP-16QAM	H	Inner_1RB_Left	18.64	18.44	21.55	15.45	23.00	PASS



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N48	30	20	CP-16QAM	H	Inner_1RB_Right	18.69	18.26	21.49	15.39	23.00	PASS
N48	30	20	CP-16QAM	H	Outer_Full	17.6	17.52	20.57	14.47	23.00	PASS
N48	30	20	CP-64QAM	H	Inner_1RB_Left	17.23	17.05	20.15	14.05	23.00	PASS
N48	30	20	CP-64QAM	H	Inner_1RB_Right	17.39	16.89	20.15	14.05	23.00	PASS
N48	30	20	CP-64QAM	H	Outer_Full	17.02	17.06	20.05	13.95	23.00	PASS
N48	30	20	CP-256QAM	H	Inner_1RB_Left	14.28	13.9	17.10	11.00	23.00	PASS
N48	30	20	CP-256QAM	H	Inner_1RB_Right	14.25	13.81	17.04	10.94	23.00	PASS
N48	30	20	CP-256QAM	H	Outer_Full	14.14	14.1	17.13	11.03	23.00	PASS
N48	30	40	CP-QPSK	L	Inner_1RB_Left	19.75	19.25	22.51	16.41	23.00	PASS
N48	30	40	CP-QPSK	L	Inner_1RB_Right	19.33	19.33	22.34	16.24	23.00	PASS
N48	30	40	CP-QPSK	L	Outer_Full	18.01	17.79	20.91	14.81	23.00	PASS
N48	30	40	CP-16QAM	L	Inner_1RB_Left	19.2	18.74	21.98	15.88	23.00	PASS
N48	30	40	CP-16QAM	L	Inner_1RB_Right	18.8	18.75	21.79	15.69	23.00	PASS
N48	30	40	CP-16QAM	L	Outer_Full	17.96	17.82	20.90	14.80	23.00	PASS
N48	30	40	CP-64QAM	L	Inner_1RB_Left	17.84	17.15	20.51	14.41	23.00	PASS
N48	30	40	CP-64QAM	L	Inner_1RB_Right	17.36	17.3	20.34	14.24	23.00	PASS
N48	30	40	CP-64QAM	L	Outer_Full	17.51	17.24	20.39	14.29	23.00	PASS
N48	30	40	CP-256QAM	L	Inner_1RB_Left	14.79	14.03	17.42	11.32	23.00	PASS
N48	30	40	CP-256QAM	L	Inner_1RB_Right	14.49	14.17	17.34	11.24	23.00	PASS
N48	30	40	CP-256QAM	L	Outer_Full	14.37	14.33	17.36	11.26	23.00	PASS
N48	30	40	CP-QPSK	M	Inner_1RB_Left	19.51	19.26	22.40	16.30	23.00	PASS
N48	30	40	CP-QPSK	M	Inner_1RB_Right	19.65	18.46	22.07	15.97	23.00	PASS
N48	30	40	CP-QPSK	M	Outer_Full	17.86	17.56	20.72	14.62	23.00	PASS



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N48	30	40	CP-16QAM	M	Inner_1RB_Left	19.06	18.72	21.90	15.80	23.00	PASS
N48	30	40	CP-16QAM	M	Inner_1RB_Right	19.06	17.93	21.51	15.41	23.00	PASS
N48	30	40	CP-16QAM	M	Outer_Full	17.86	17.56	20.72	14.62	23.00	PASS
N48	30	40	CP-64QAM	M	Inner_1RB_Left	17.63	17.12	20.39	14.29	23.00	PASS
N48	30	40	CP-64QAM	M	Inner_1RB_Right	17.54	16.47	20.02	13.92	23.00	PASS
N48	30	40	CP-64QAM	M	Outer_Full	17.39	17	20.21	14.11	23.00	PASS
N48	30	40	CP-256QAM	M	Inner_1RB_Left	14.67	14.1	17.40	11.30	23.00	PASS
N48	30	40	CP-256QAM	M	Inner_1RB_Right	14.69	13.39	17.05	10.95	23.00	PASS
N48	30	40	CP-256QAM	M	Outer_Full	14.48	14.08	17.29	11.19	23.00	PASS
N48	30	40	CP-QPSK	H	Inner_1RB_Left	19.59	19.15	22.38	16.28	23.00	PASS
N48	30	40	CP-QPSK	H	Inner_1RB_Right	19.33	18.77	22.06	15.96	23.00	PASS
N48	30	40	CP-QPSK	H	Outer_Full	17.78	17.5	20.65	14.55	23.00	PASS
N48	30	40	CP-16QAM	H	Inner_1RB_Left	18.86	18.58	21.73	15.63	23.00	PASS
N48	30	40	CP-16QAM	H	Inner_1RB_Right	18.78	18.39	21.60	15.50	23.00	PASS
N48	30	40	CP-16QAM	H	Outer_Full	17.77	17.42	20.61	14.51	23.00	PASS
N48	30	40	CP-64QAM	H	Inner_1RB_Left	17.43	17	20.23	14.13	23.00	PASS
N48	30	40	CP-64QAM	H	Inner_1RB_Right	17.36	16.9	20.14	14.04	23.00	PASS
N48	30	40	CP-64QAM	H	Outer_Full	17.31	16.97	20.15	14.05	23.00	PASS
N48	30	40	CP-256QAM	H	Inner_1RB_Left	14.44	14.13	17.30	11.20	23.00	PASS
N48	30	40	CP-256QAM	H	Inner_1RB_Right	14.42	13.89	17.17	11.07	23.00	PASS
N48	30	40	CP-256QAM	H	Outer_Full	14.24	14.05	17.16	11.06	23.00	PASS



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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(CCDF)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N48	30	40	DFT-256QAM	L	Outer_Full	6.66	13	PASS
N48	30	40	CP-256QAM	L	Outer_Full	8.42	13	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	6.91	13	PASS
N48	30	40	CP-256QAM	M	Outer_Full	8.55	13	PASS
N48	30	40	DFT-256QAM	H	Outer_Full	6.80	13	PASS
N48	30	40	CP-256QAM	H	Outer_Full	8.77	13	PASS



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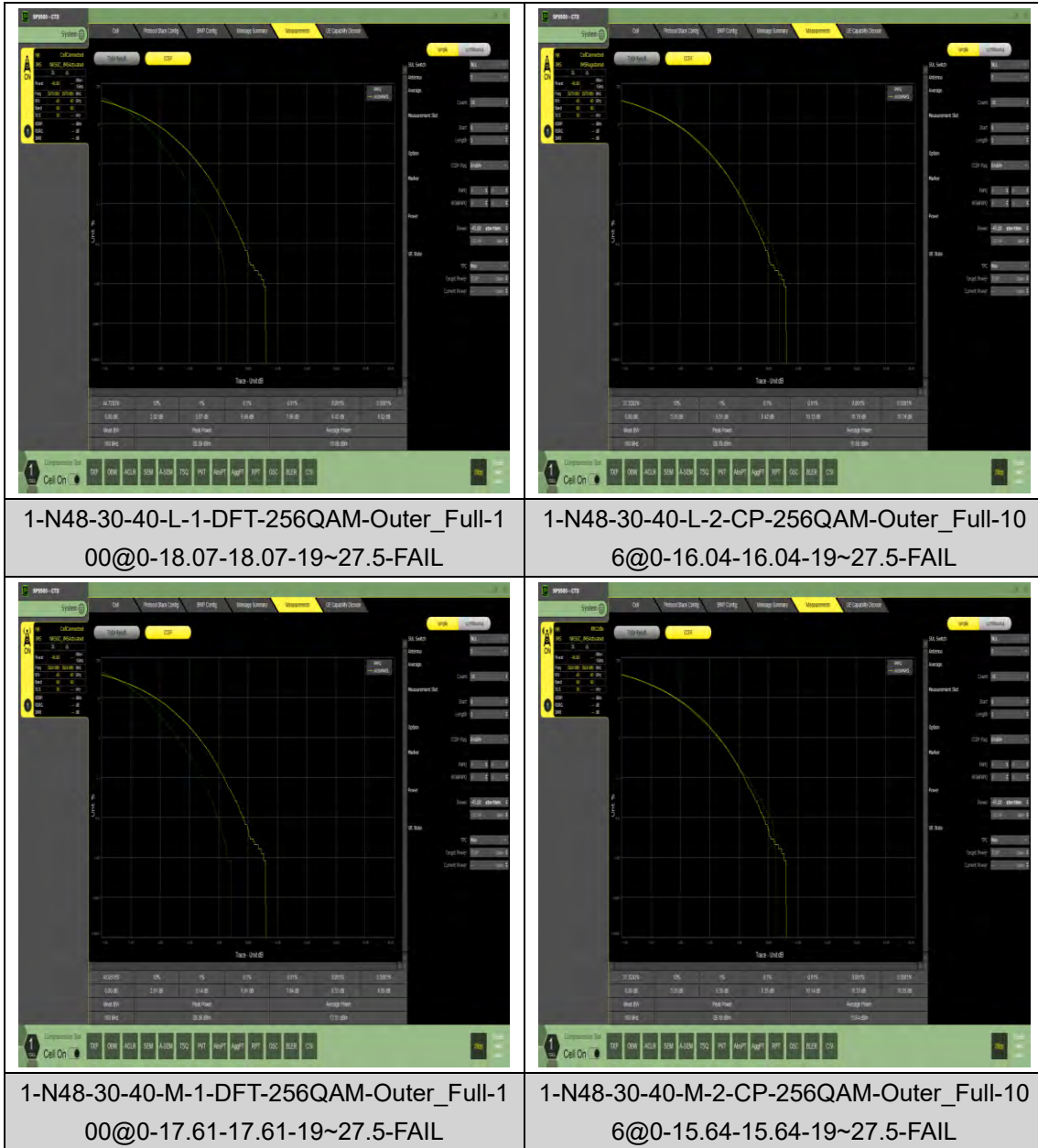
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SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

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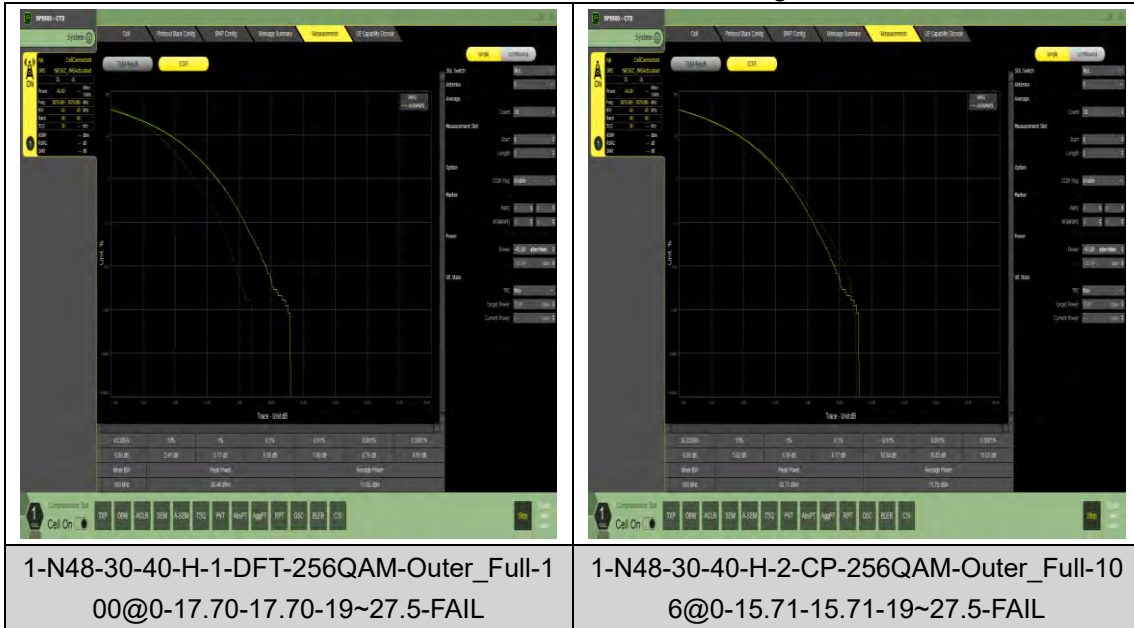
Test Graphs



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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N48	30	10	DFT-QPSK	M	24@0	8.571	9.060	PASS
N48	30	10	DFT-PI2BPSK	M	24@0	8.592	9.240	PASS
N48	30	10	DFT-16QAM	M	24@0	8.612	9.180	PASS
N48	30	10	DFT-64QAM	M	24@0	8.637	9.200	PASS
N48	30	10	DFT-256QAM	M	24@0	8.573	9.140	PASS
N48	30	10	CP-QPSK	M	24@0	8.56	9.300	PASS
N48	30	10	CP-16QAM	M	24@0	8.566	9.300	PASS
N48	30	10	CP-64QAM	M	24@0	8.568	9.260	PASS
N48	30	10	CP-256QAM	M	24@0	8.563	9.080	PASS
N48	30	20	DFT-QPSK	M	50@0	17.913	18.880	PASS
N48	30	20	DFT-PI2BPSK	M	50@0	17.819	18.800	PASS
N48	30	20	DFT-16QAM	M	50@0	17.89	18.880	PASS
N48	30	20	DFT-64QAM	M	50@0	17.843	18.800	PASS
N48	30	20	DFT-256QAM	M	50@0	17.851	18.800	PASS
N48	30	20	CP-QPSK	M	51@0	18.254	19.200	PASS
N48	30	20	CP-16QAM	M	51@0	18.24	19.120	PASS
N48	30	20	CP-64QAM	M	51@0	18.205	19.120	PASS
N48	30	20	CP-256QAM	M	51@0	18.23	19.160	PASS
N48	30	30	DFT-QPSK	M	75@0	26.739	27.780	PASS
N48	30	30	DFT-PI2BPSK	M	75@0	26.802	28.020	PASS
N48	30	30	DFT-16QAM	M	75@0	26.746	27.960	PASS
N48	30	30	DFT-64QAM	M	75@0	26.686	27.960	PASS
N48	30	30	DFT-256QAM	M	75@0	26.732	28.020	PASS
N48	30	30	CP-QPSK	M	78@0	27.861	28.920	PASS
N48	30	30	CP-16QAM	M	78@0	27.831	28.980	PASS
N48	30	30	CP-64QAM	M	78@0	27.937	28.980	PASS
N48	30	30	CP-256QAM	M	78@0	27.8	28.920	PASS
N48	30	40	DFT-QPSK	M	100@0	35.902	38.240	PASS
N48	30	40	DFT-PI2BPSK	M	100@0	36.021	38.320	PASS
N48	30	40	DFT-16QAM	M	100@0	35.978	38.240	PASS



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Rev.: 01

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N48	30	40	DFT-64QAM	M	100@0	35.887	38.400	PASS
N48	30	40	DFT-256QAM	M	100@0	35.906	38.160	PASS
N48	30	40	CP-QPSK	M	106@0	38.053	40.400	PASS
N48	30	40	CP-16QAM	M	106@0	38.086	40.480	PASS
N48	30	40	CP-64QAM	M	106@0	38.035	40.320	PASS
N48	30	40	CP-256QAM	M	106@0	38.101	40.400	PASS



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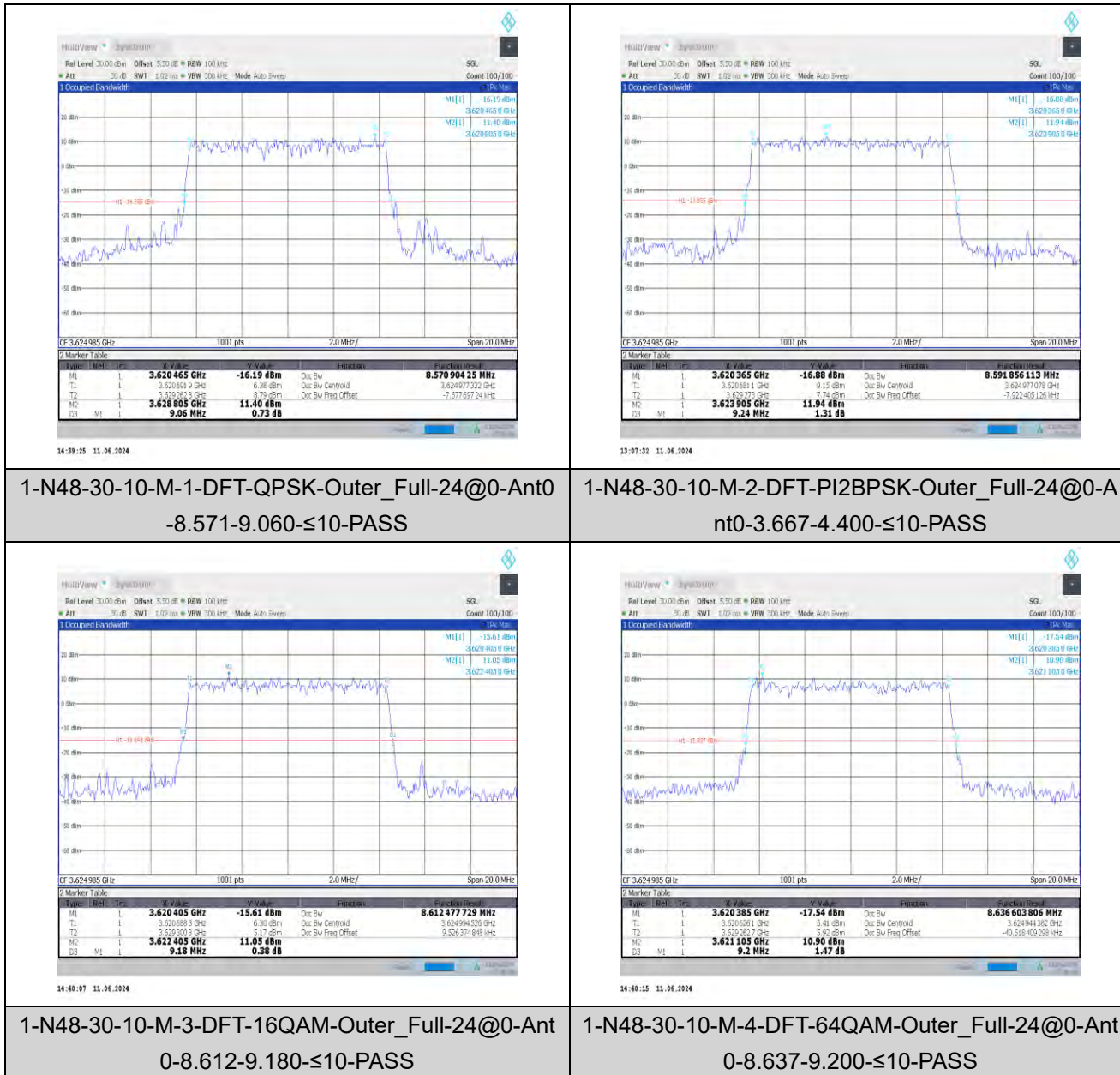
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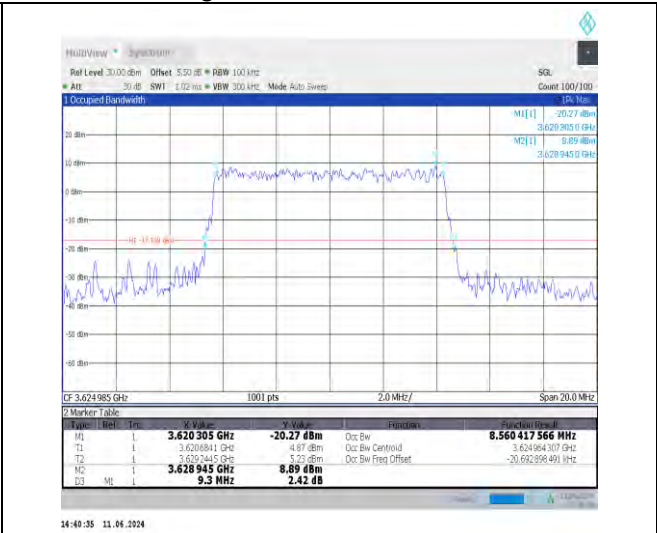
Test Graphs



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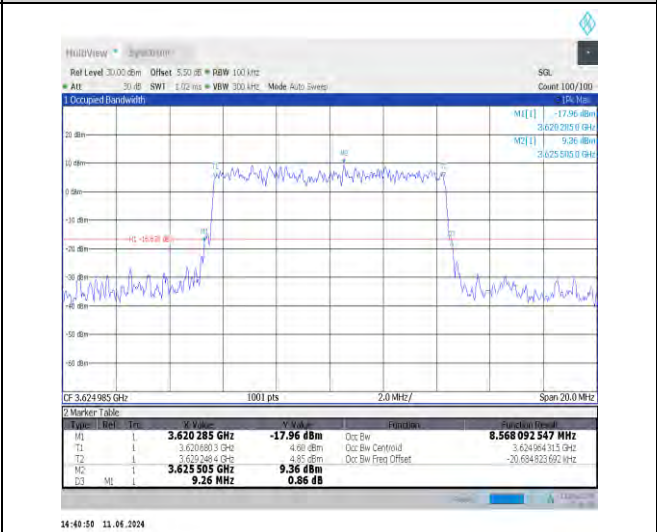
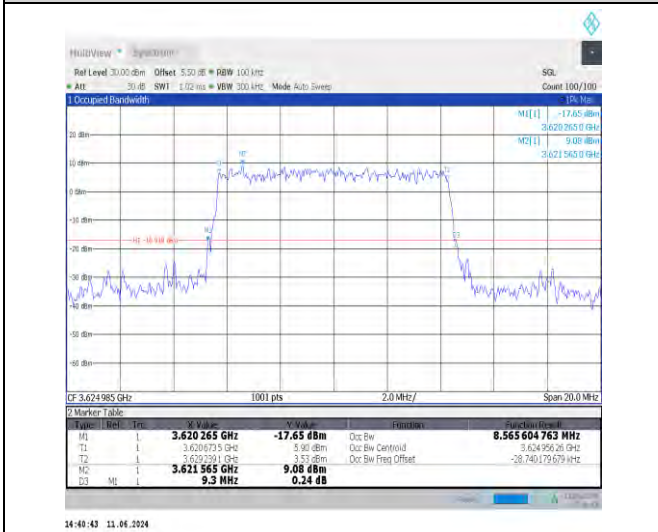
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1-N48-30-10-M-5-DFT-256QAM-Outer_Full-24@0-A
nt0-8.573-9.140≤10-PASS

1-N48-30-10-M-6-CP-QPSK-Outer_Full-24@0-Ant0-
8.56-9.300≤10-PASS



1-N48-30-10-M-7-CP-16QAM-Outer_Full-24@0-Ant0
-8.566-9.300≤10-PASS

1-N48-30-10-M-8-CP-64QAM-Outer_Full-24@0-Ant
0-8.568-9.260≤10-PASS



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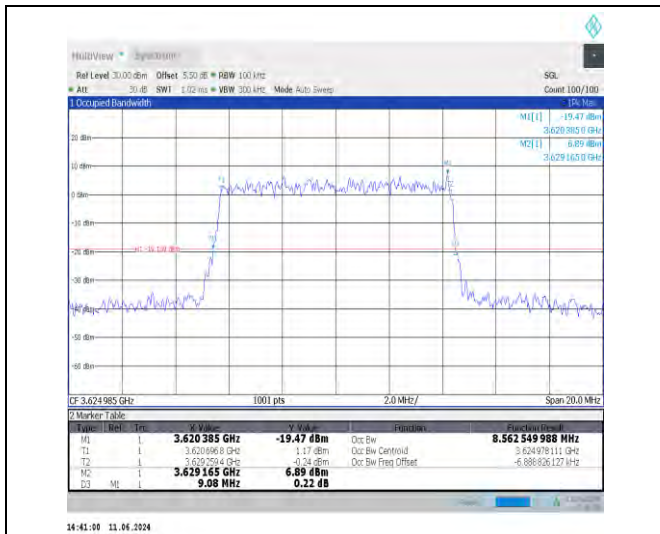
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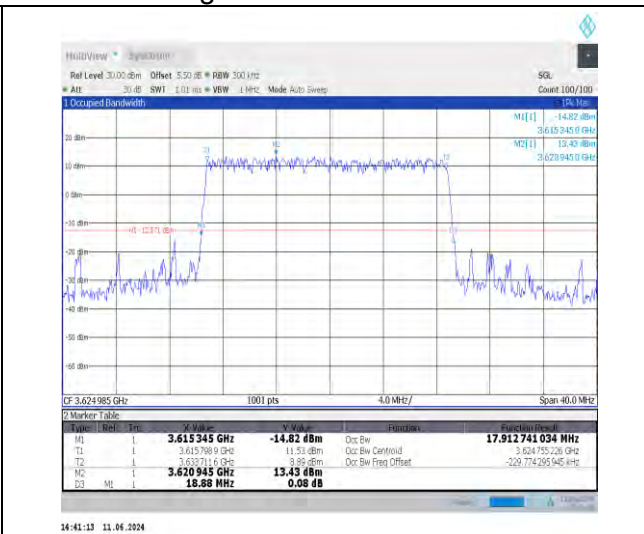
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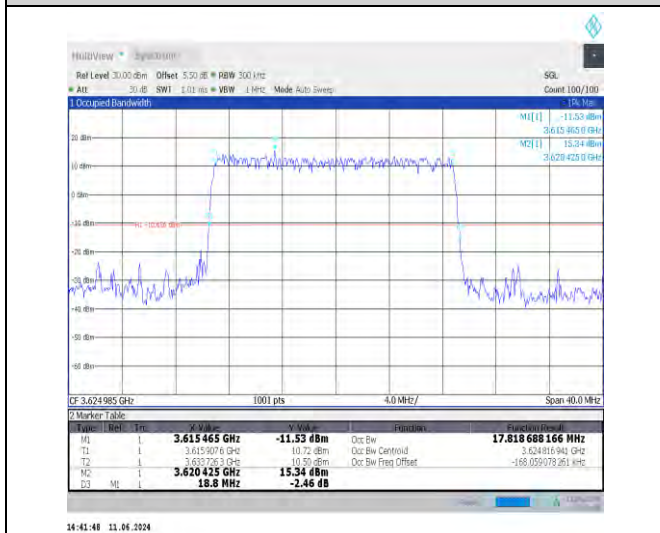
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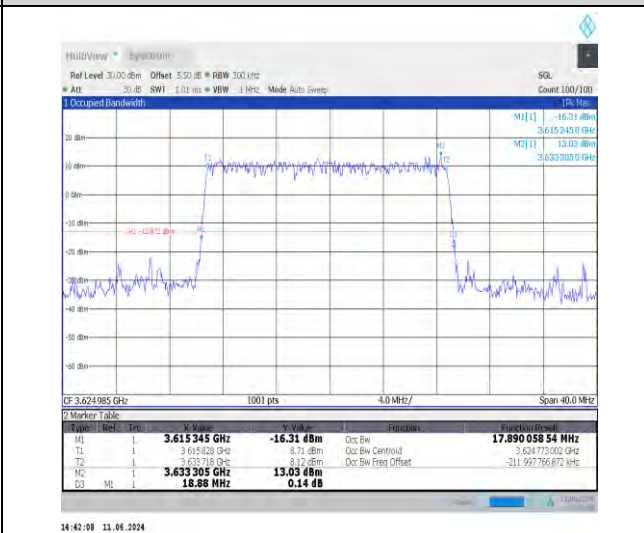
1-N48-30-10-M-9-CP-256QAM-Outer_Full-24@0-Ant
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1-N48-30-20-M-1-DFT-QPSK-Outer_Full-50@0-Ant0
 -17.913-18.880-≤20-PASS



1-N48-30-20-M-2-DFT-PI2BPSK-Outer_Full-50@0-A
 nt0-17.819-18.800-≤20-PASS



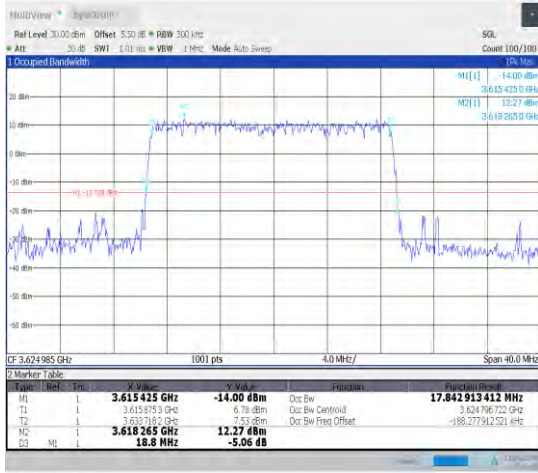
1-N48-30-20-M-3-DFT-16QAM-Outer_Full-50@0-Ant
 0-17.89-18.880-≤20-PASS



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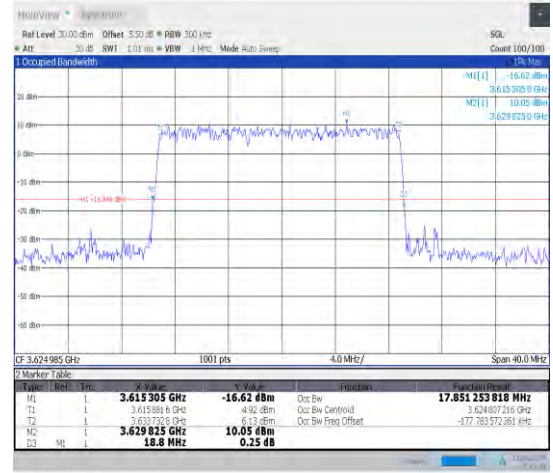
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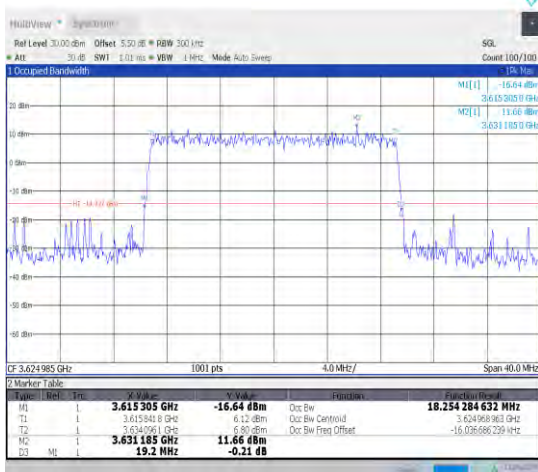
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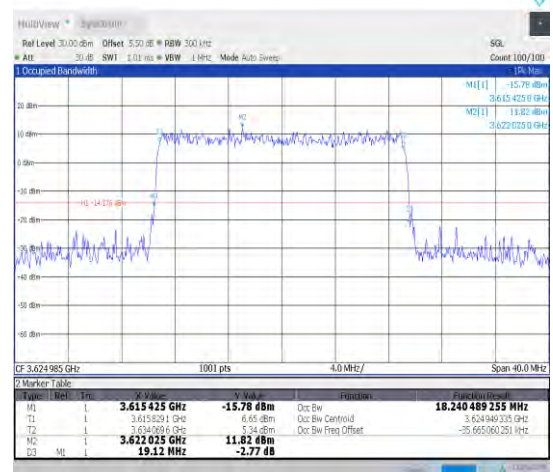
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14:42:36 11.04.2024

1-N48-30-20-M-6-CP-QPSK-Outer_Full-51@0-Ant0
18.254-19.200-≤20-PASS



14:42:44 11.04.2024

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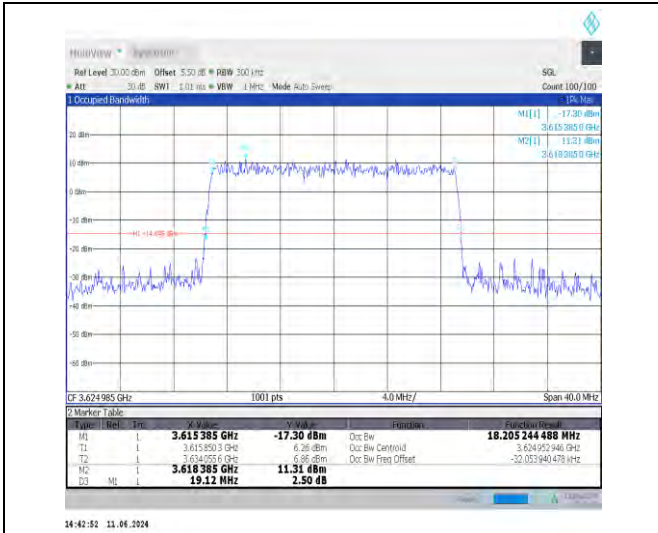
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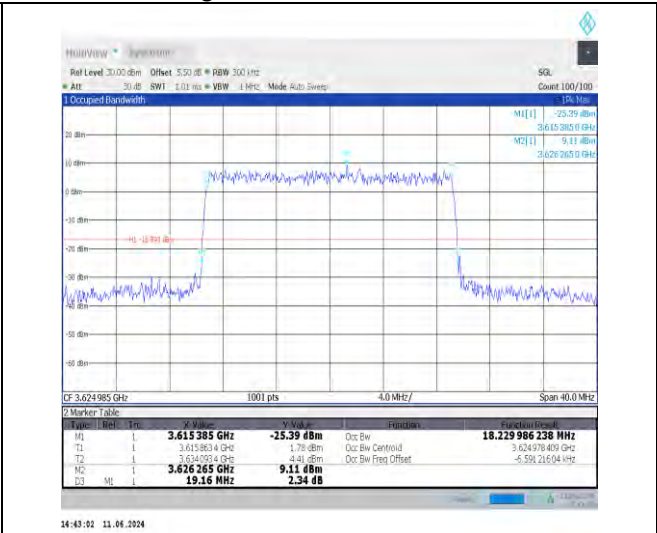
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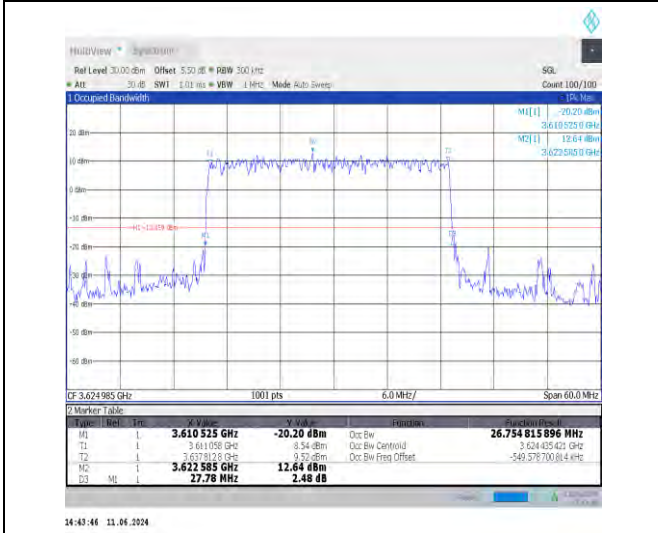
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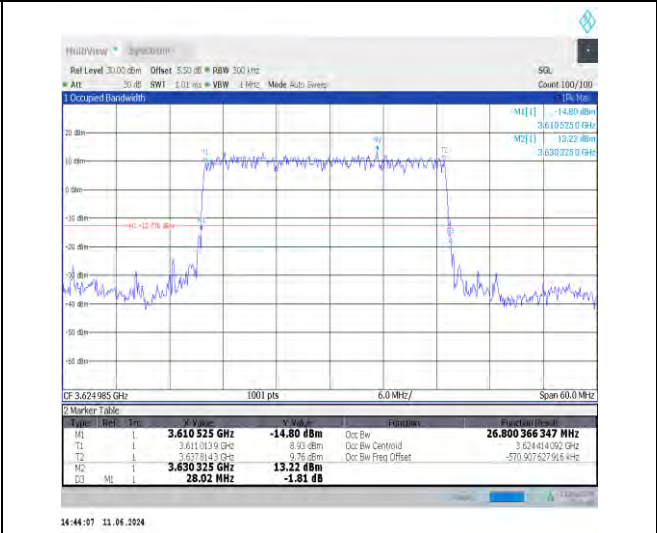
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1-N48-30-20-M-9-CP-256QAM-Outer_Full-51@0-Ant0
-18.23-19.160-≤20-PASS



1-N48-30-30-M-1-DFT-QPSK-Outer_Full-75@0-Ant0
-26.739-27.780-≤30-PASS



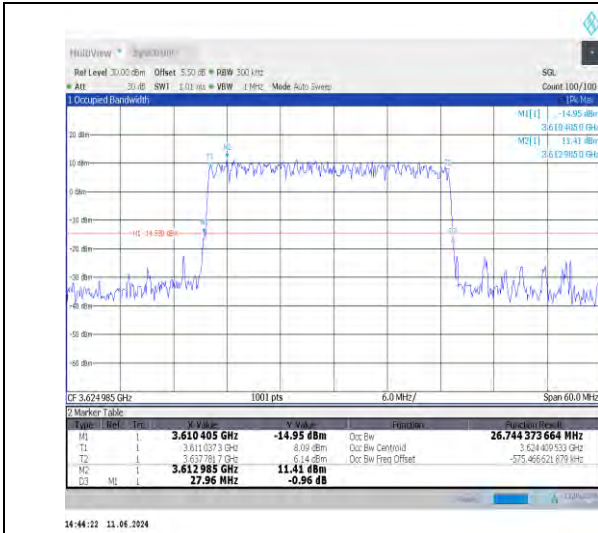
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-26.802-28.020-≤30-PASS



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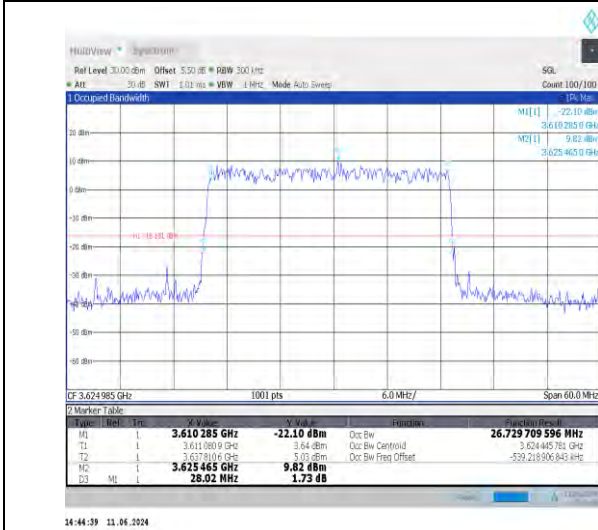
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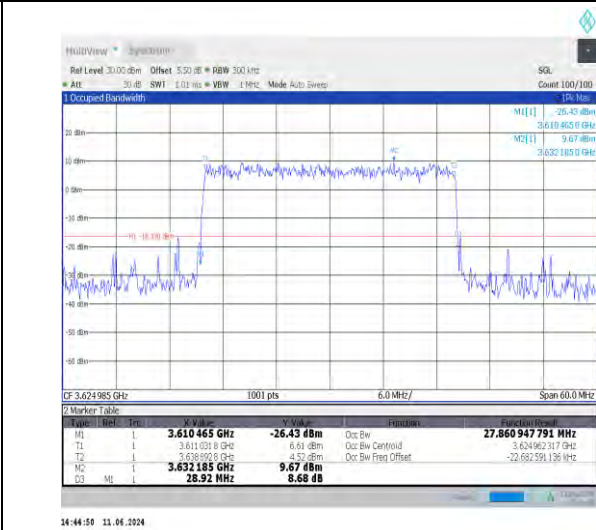
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0-26.686-27.960-≤30-PASS



1-N48-30-30-M-5-DFT-256QAM-Outer_Full-75@0-A
nt0-26.732-28.020-≤30-PASS



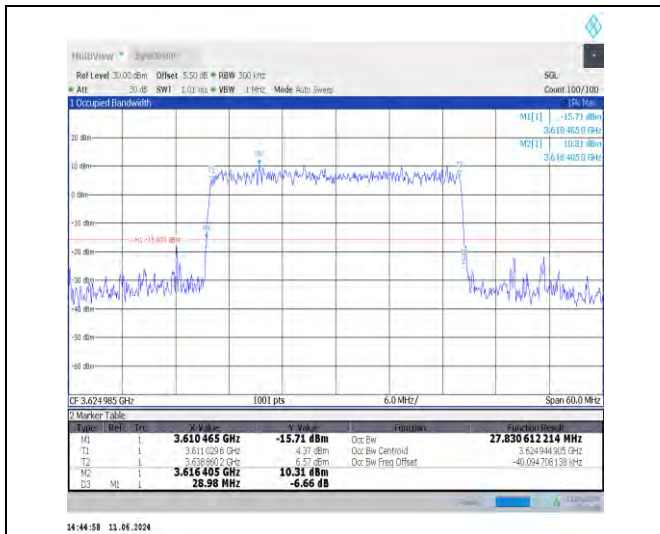
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27.861-28.920-≤30-PASS



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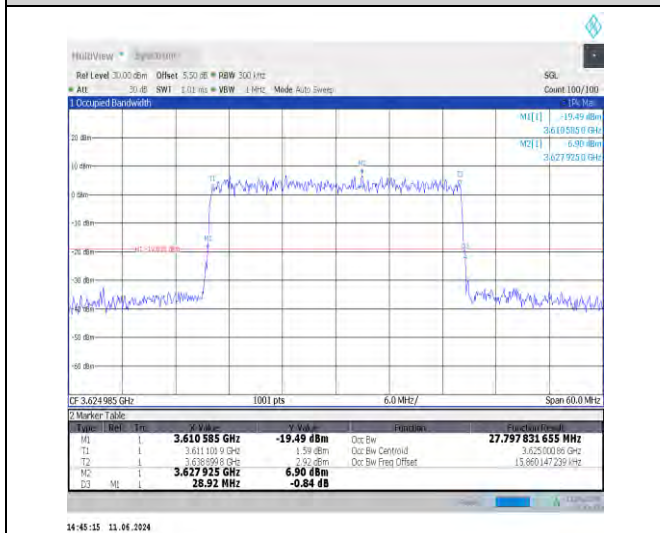
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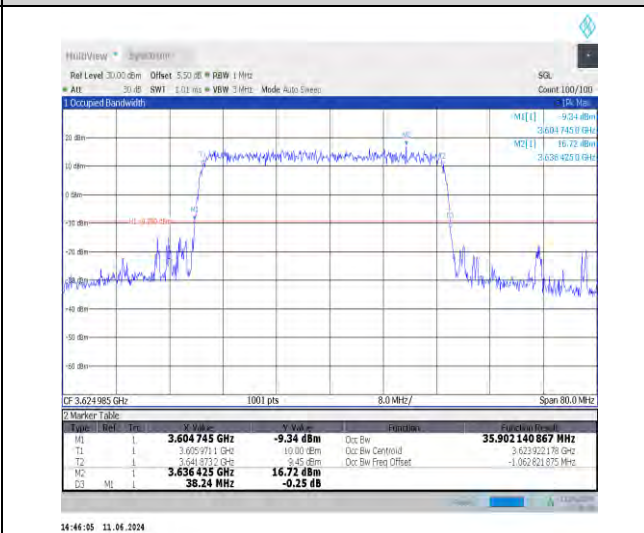
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0-27.937-28.980-≤30-PASS



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0-27.8-28.920-≤30-PASS



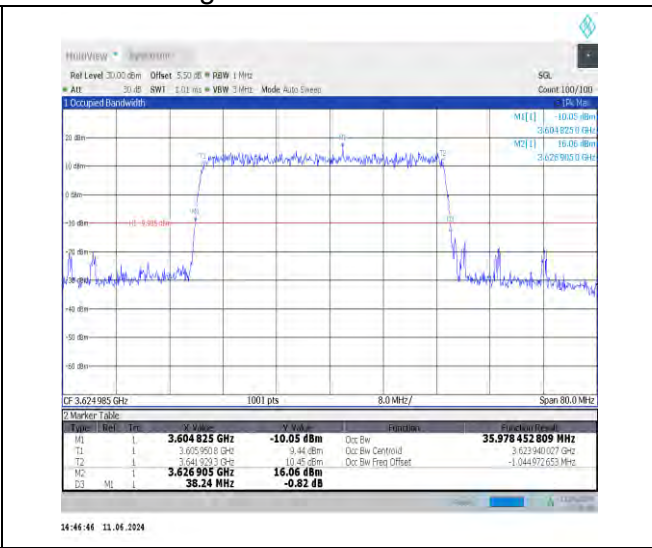
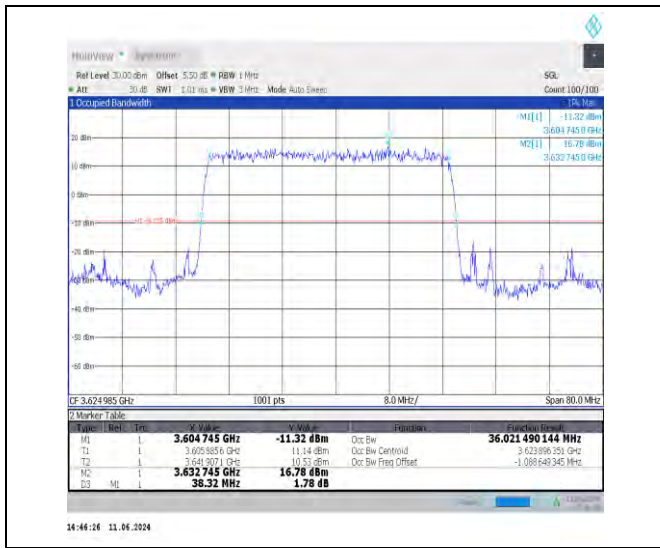
1-N48-30-40-M-1-DFT-QPSK-Outer_Full-100@0-Ant0
0-35.902-38.240-≤40-PASS



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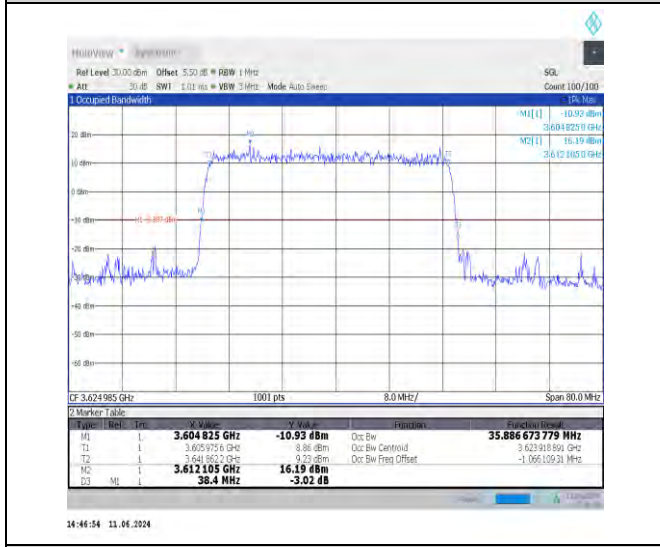
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1-N48-30-40-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant0-36.021-38.320-≤40-PASS

1-N48-30-40-M-3-DFT-16QAM-Outer_Full-100@0-Ant0-35.978-38.240-≤40-PASS



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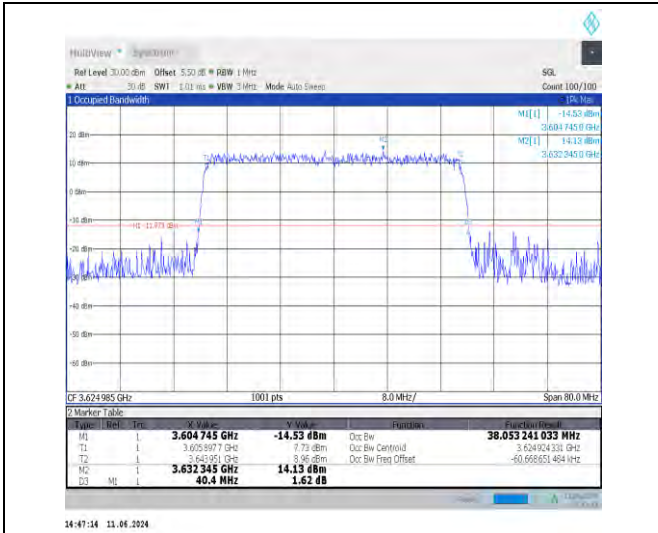
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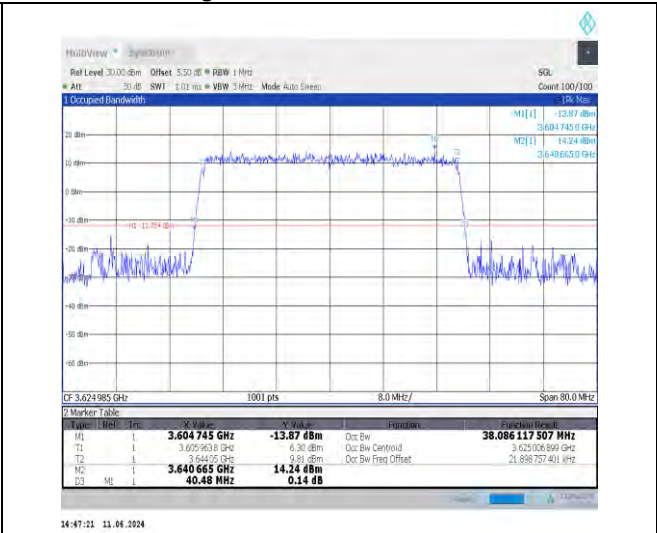
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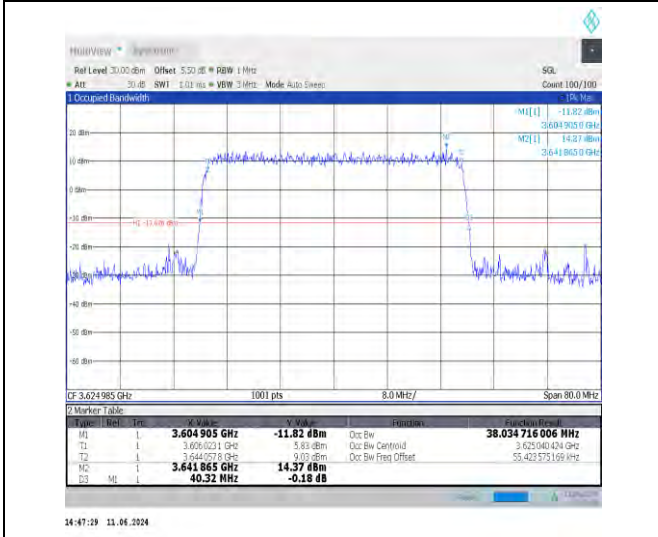
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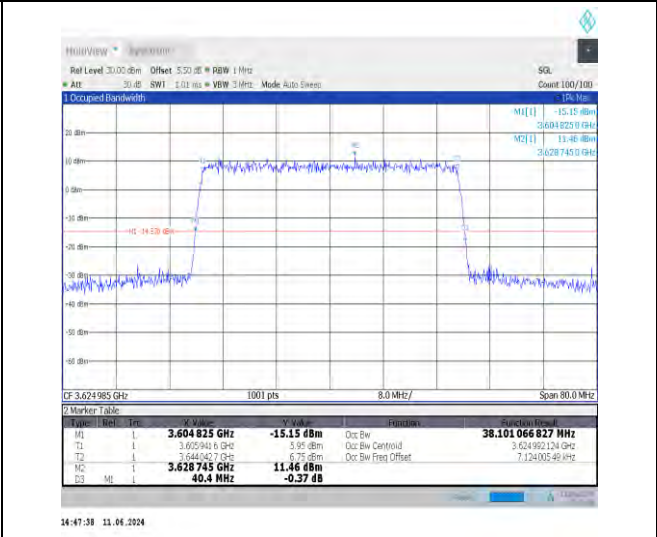
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-38.086-40.480-≤40-PASS



1-N48-30-40-M-6-CP-QPSK-Outer_Full-106@0-Ant0
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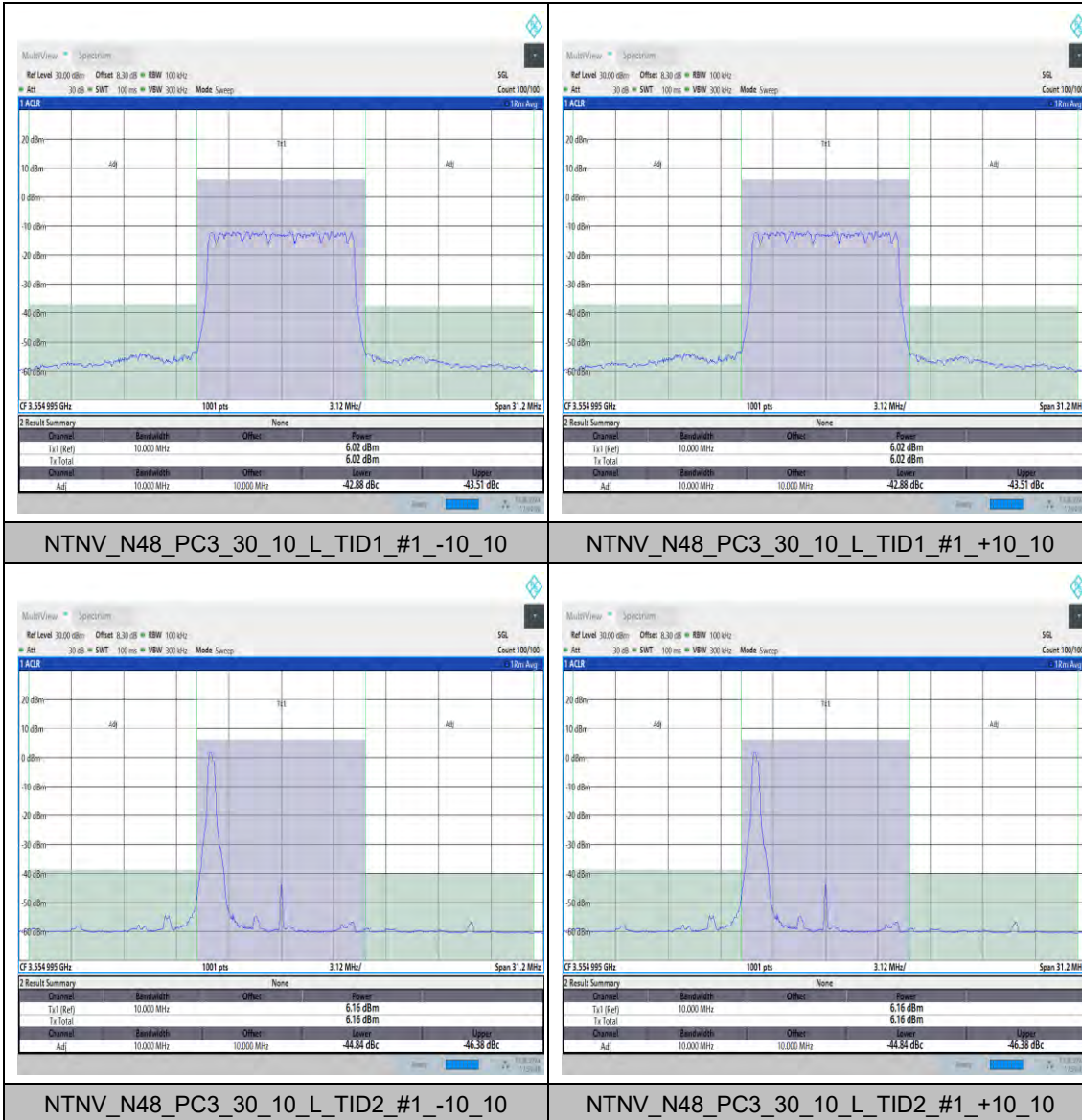
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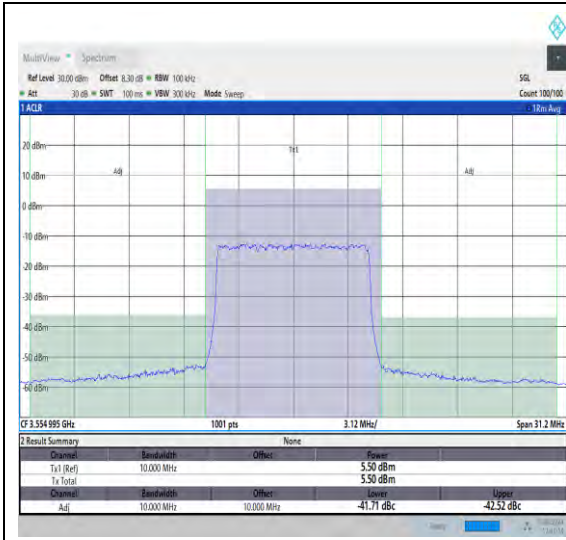
Test Result



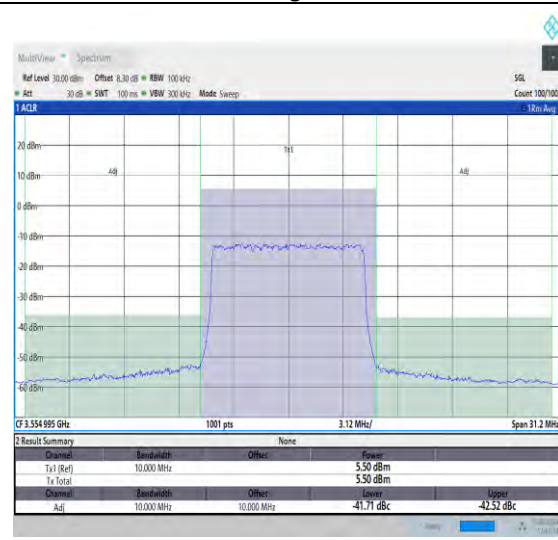
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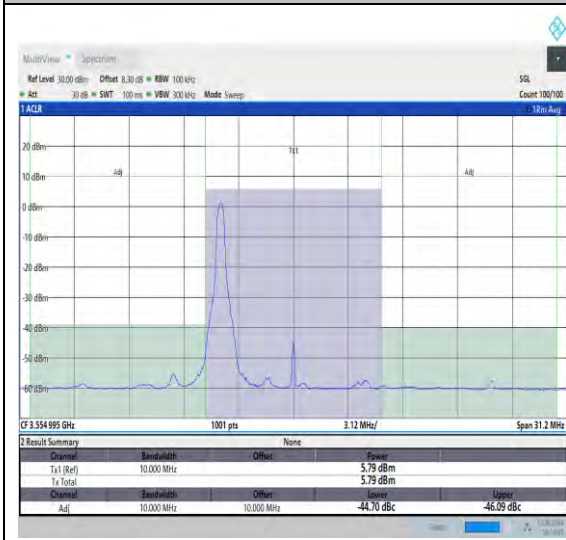
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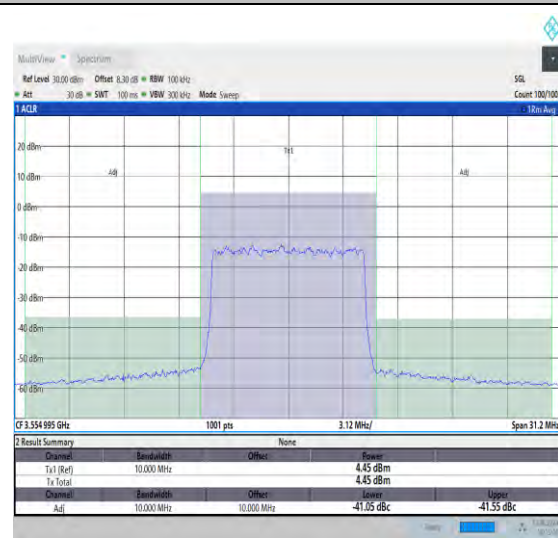
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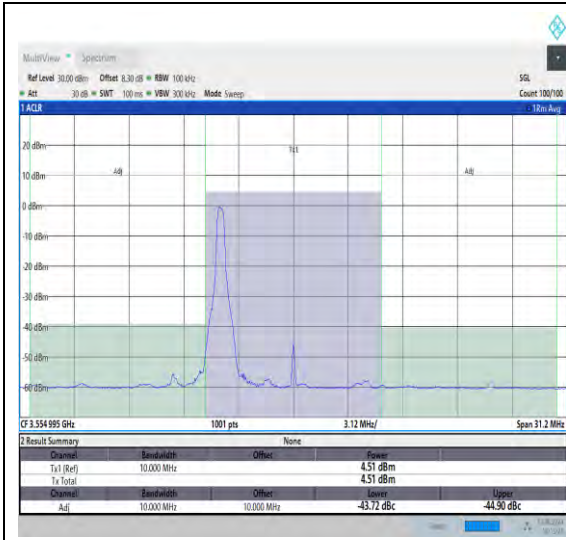


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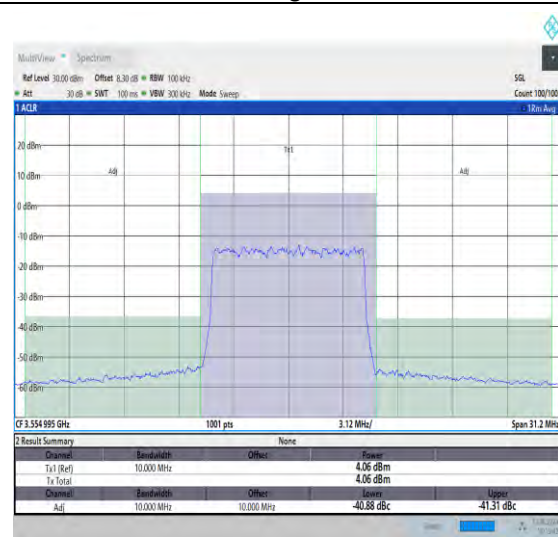
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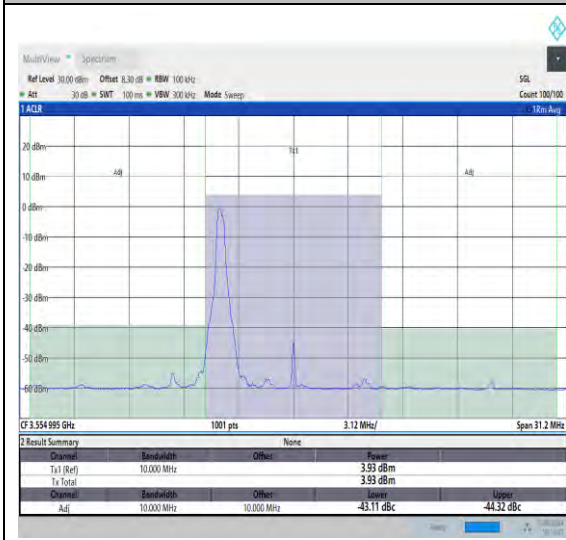
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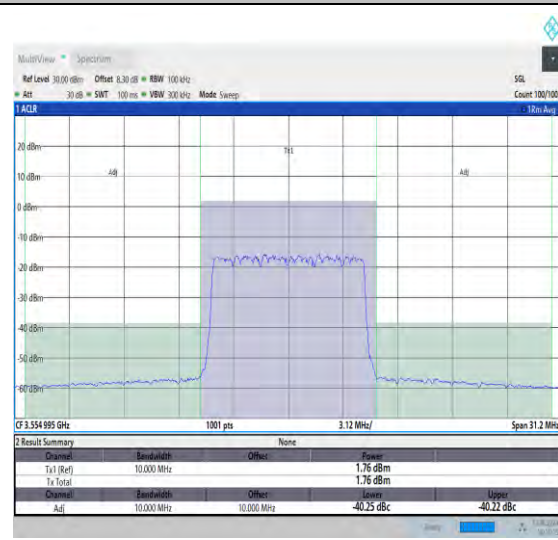
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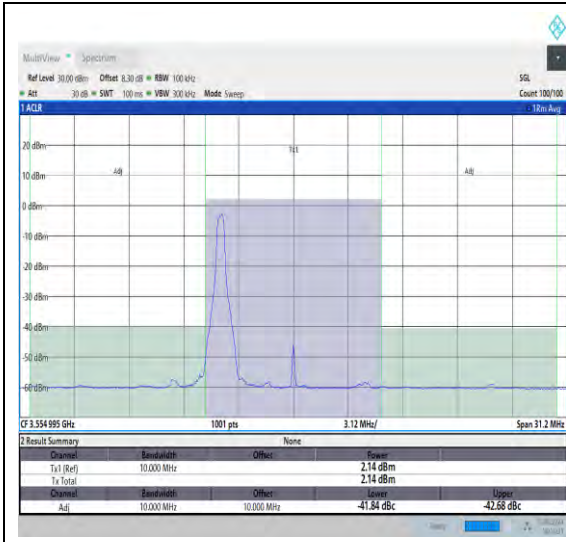


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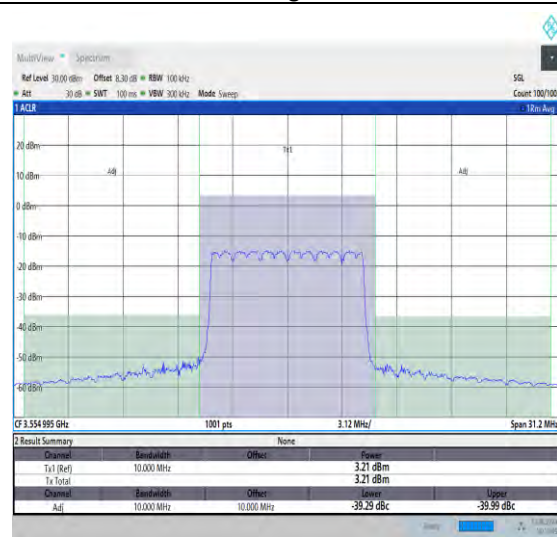
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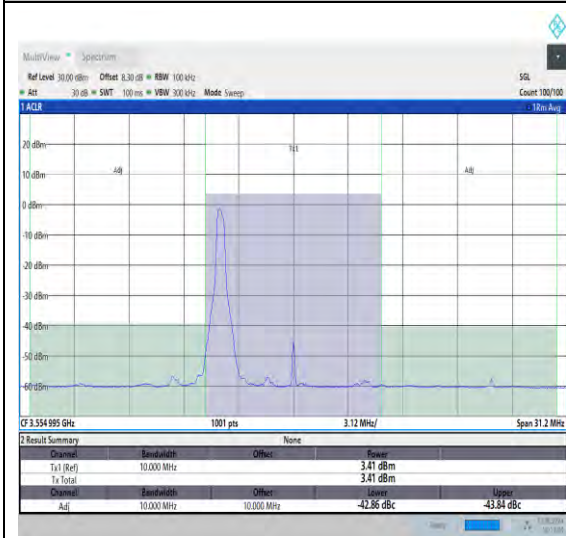
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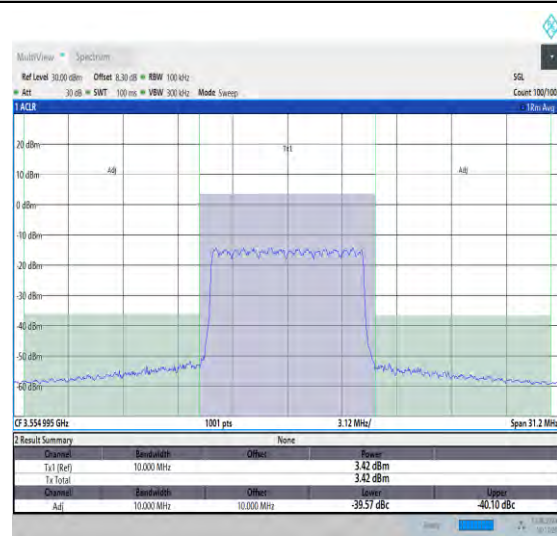
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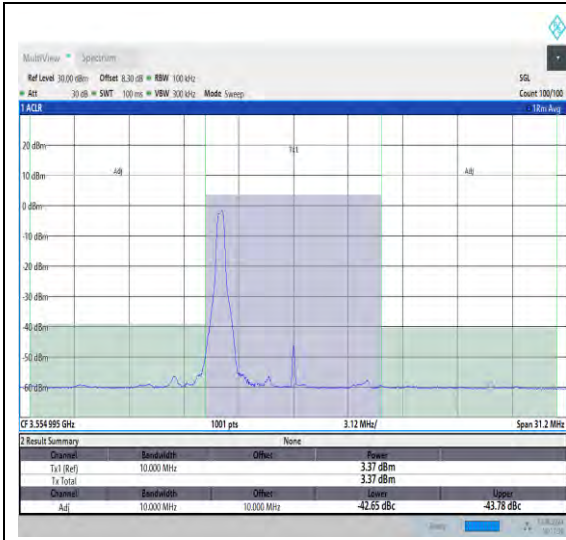
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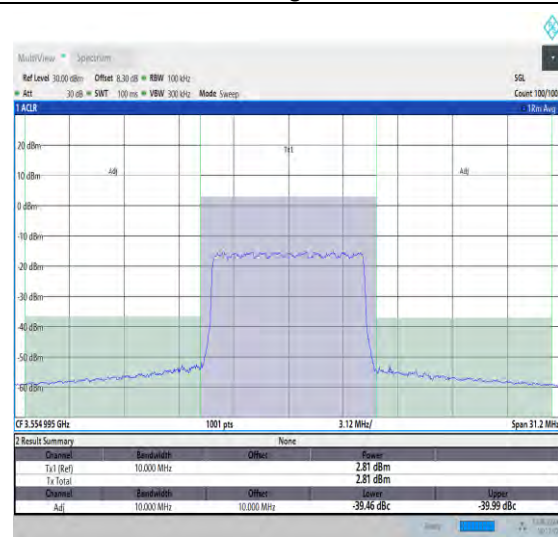
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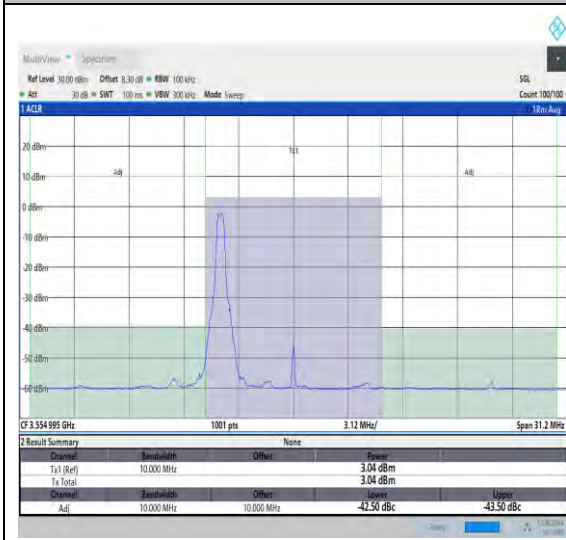
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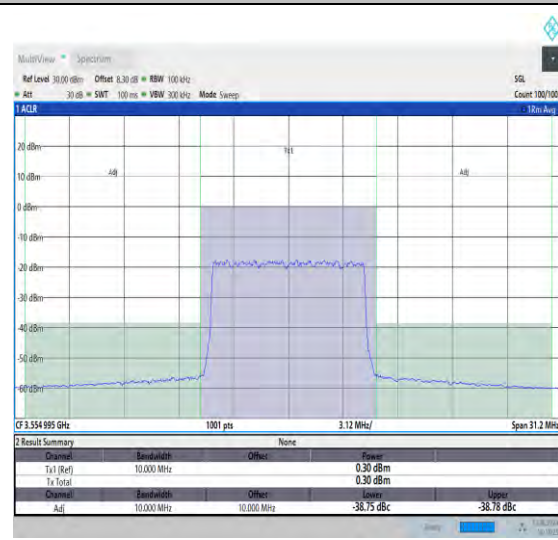
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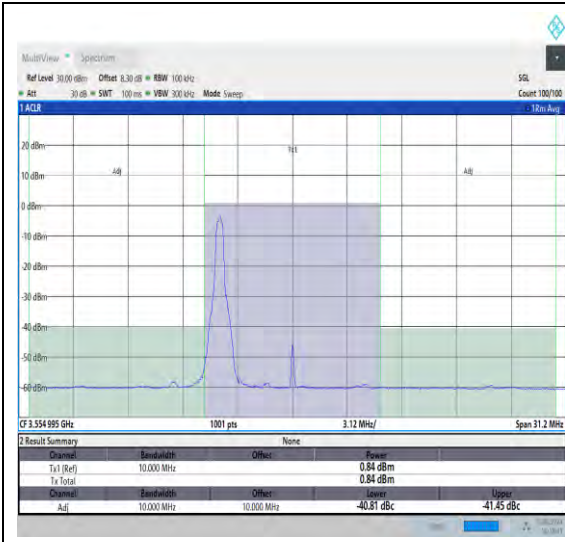
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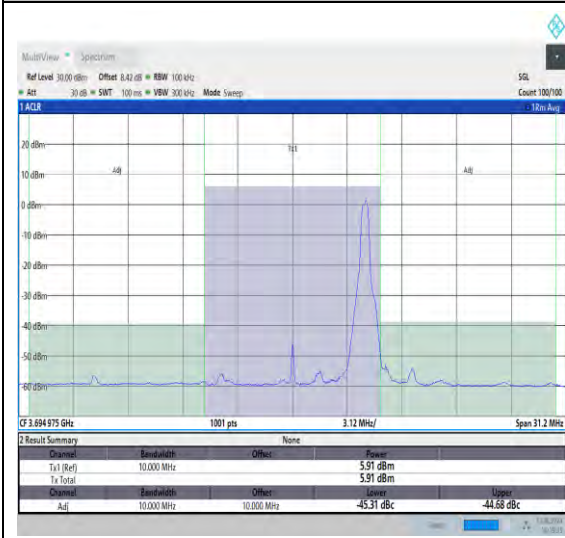
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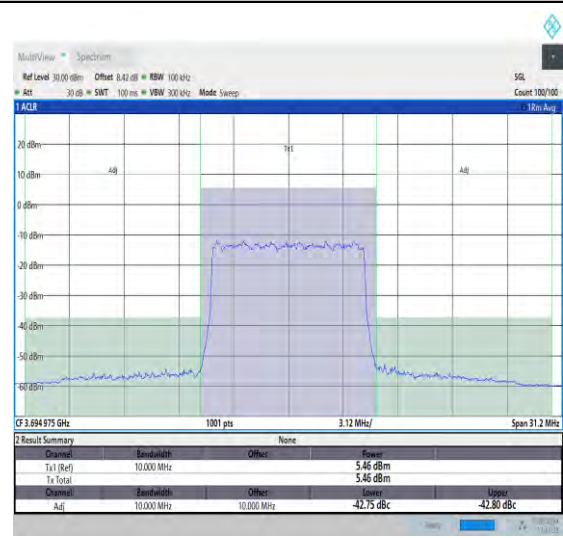
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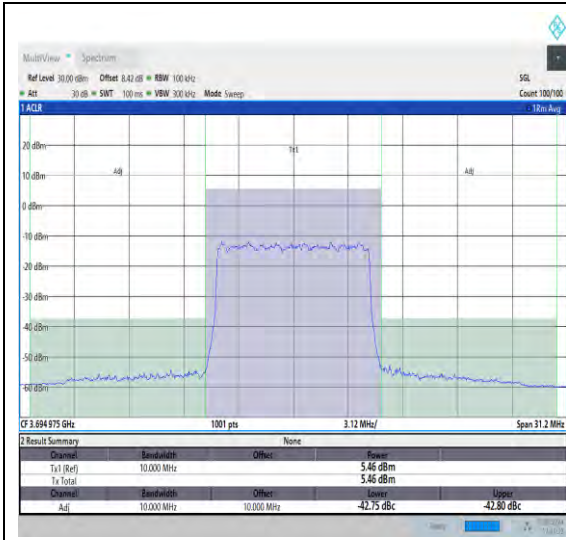


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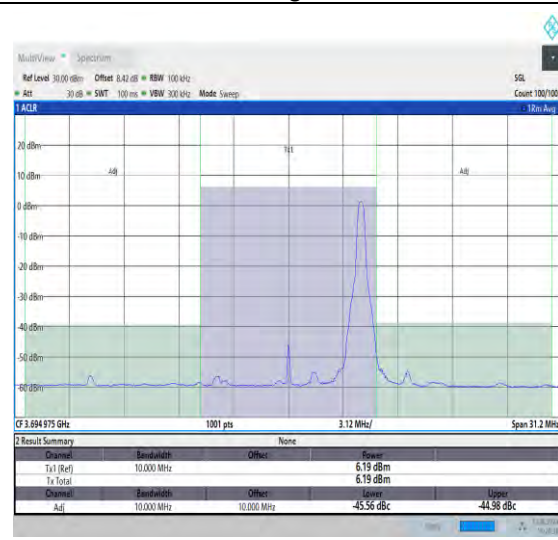
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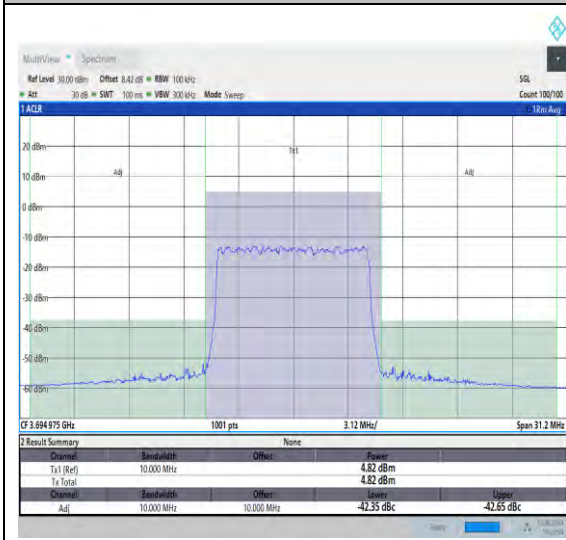
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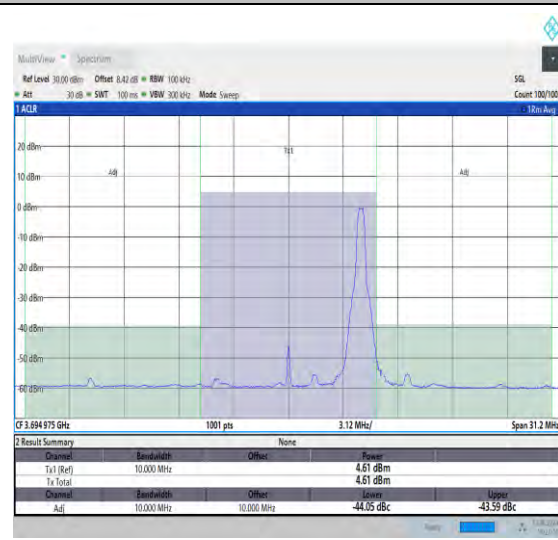
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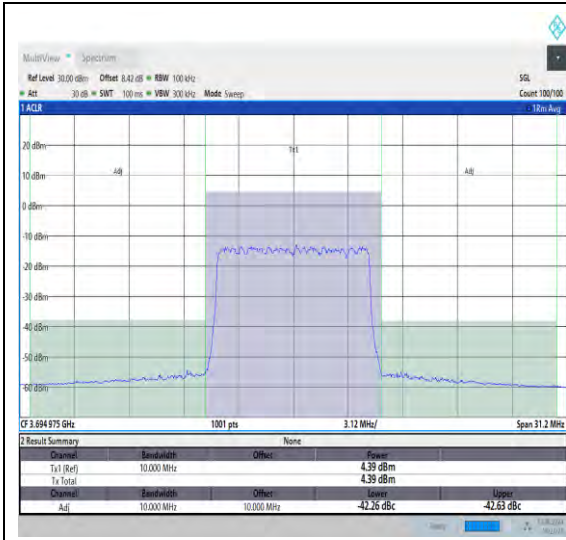
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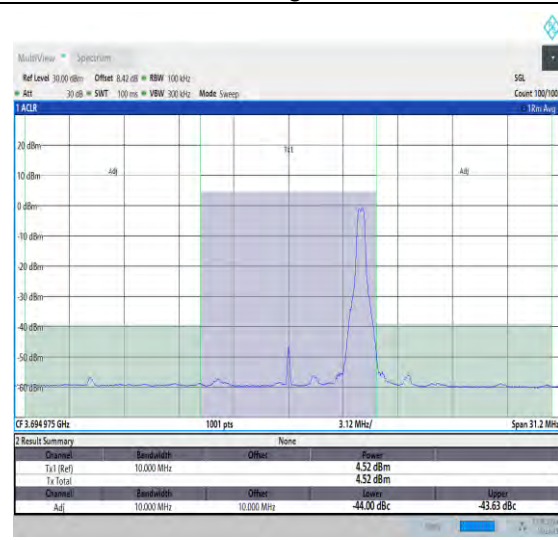
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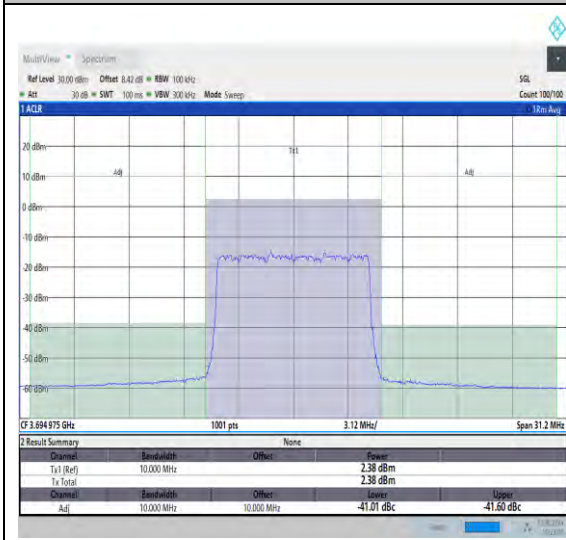
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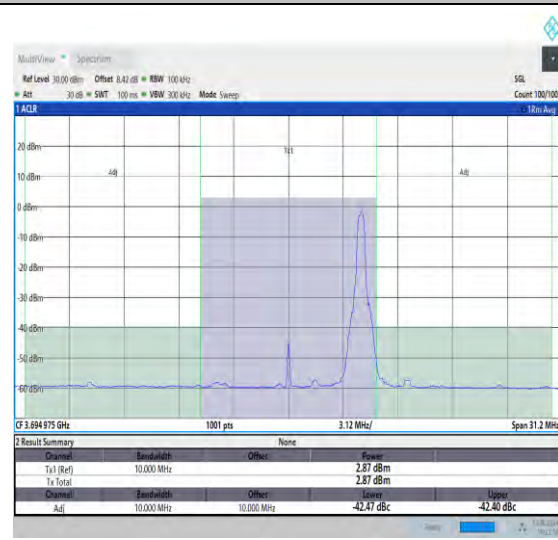
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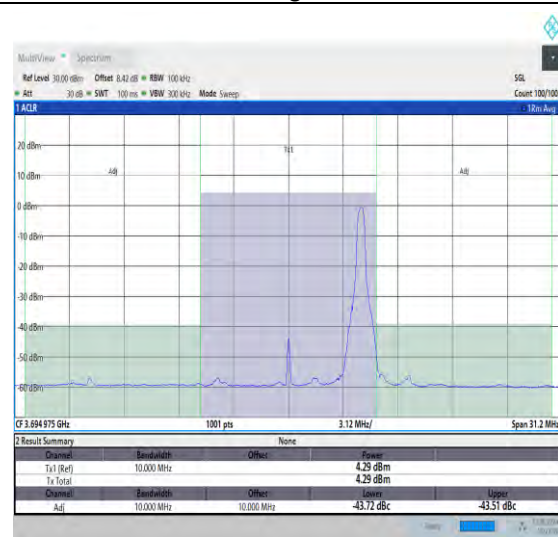
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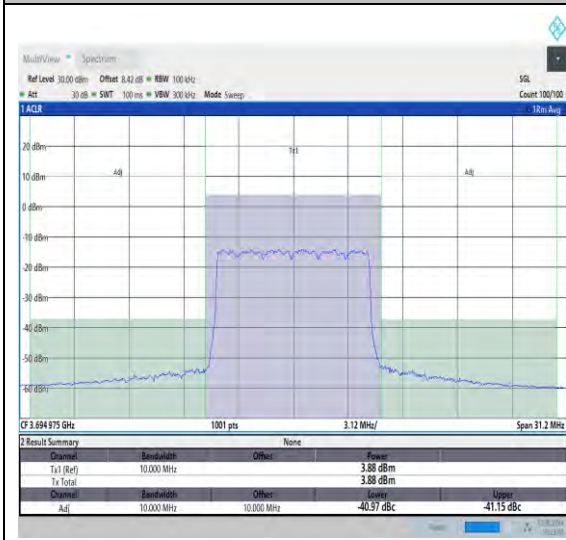
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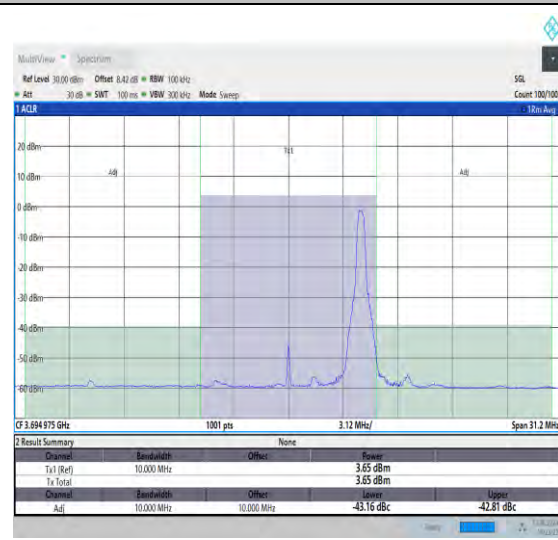
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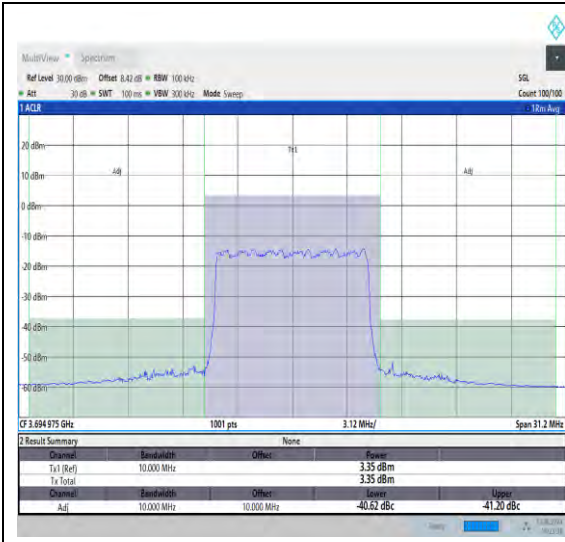


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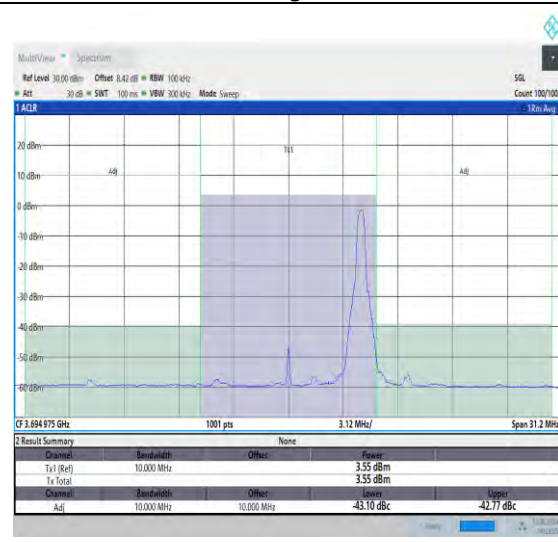
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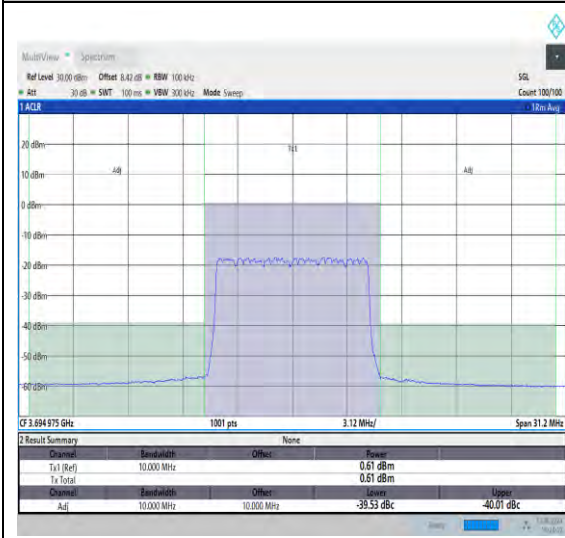
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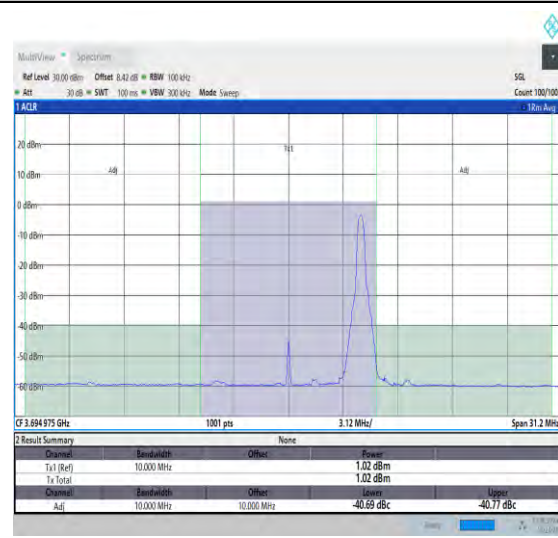
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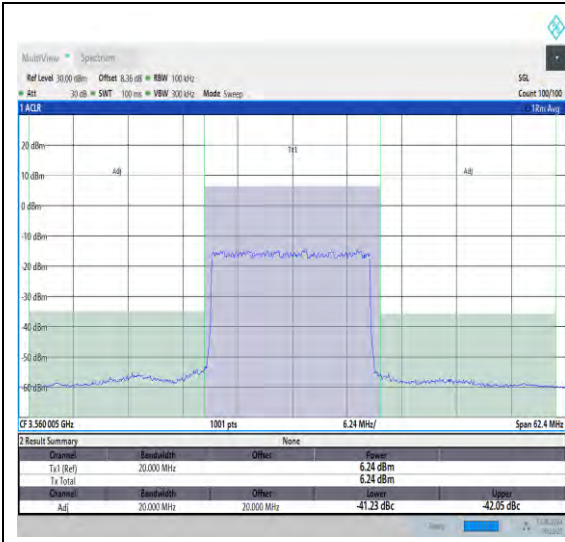


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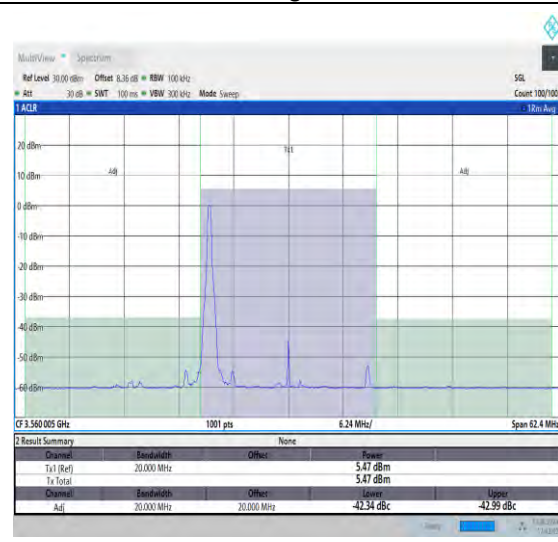
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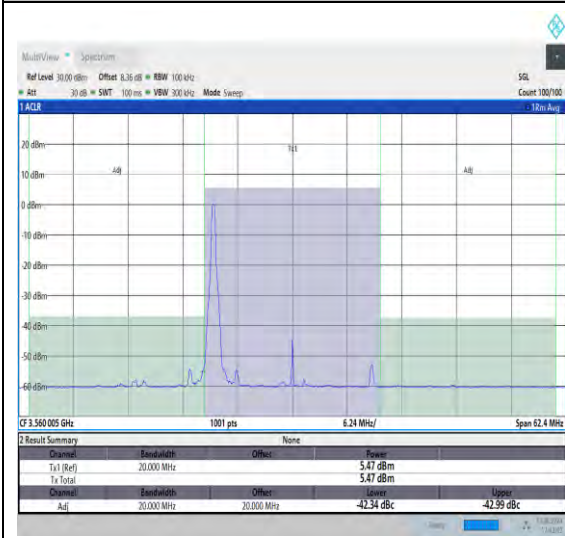
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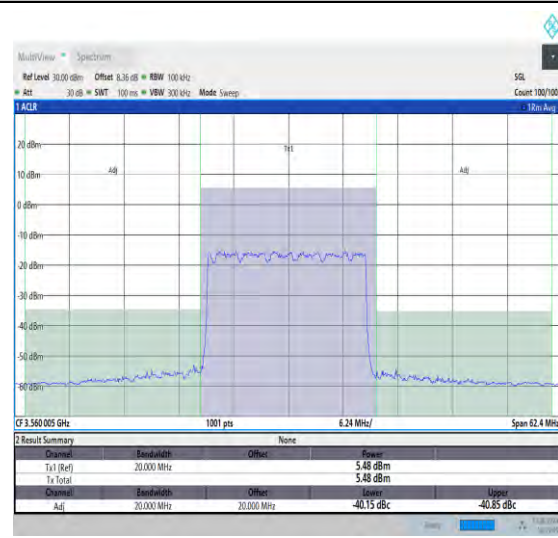
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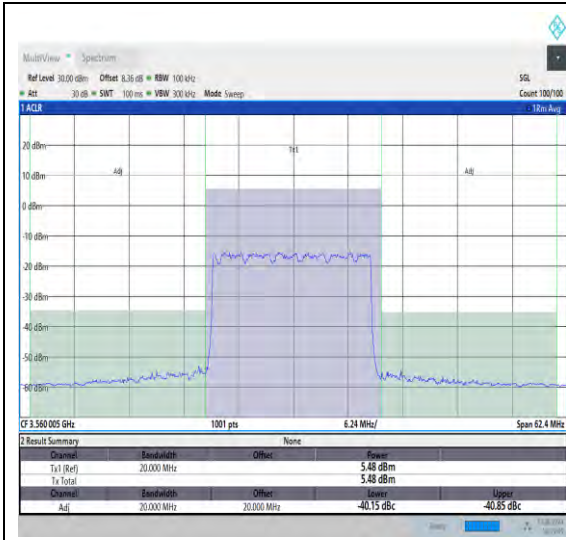
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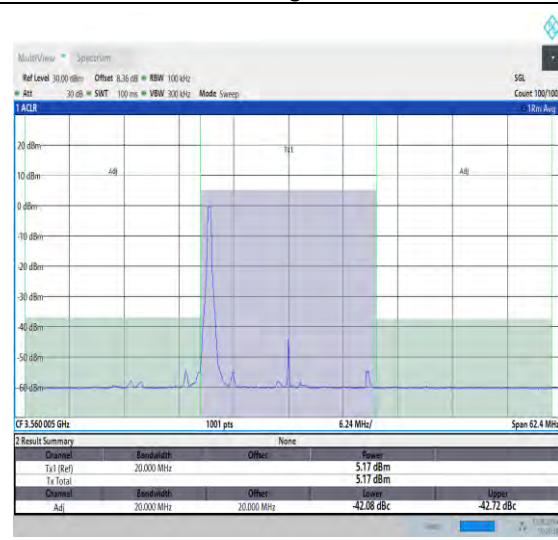
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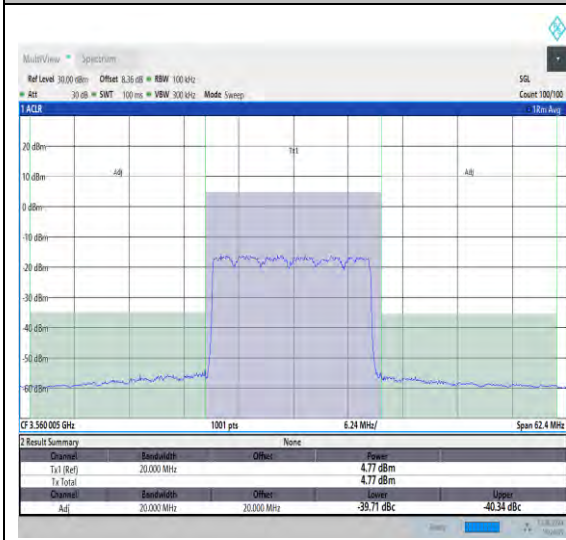
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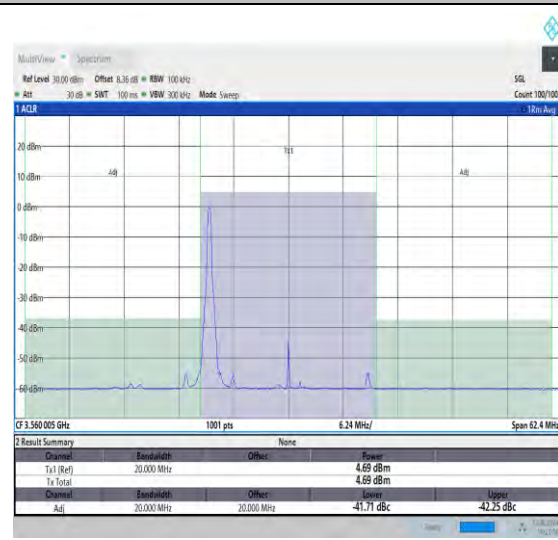
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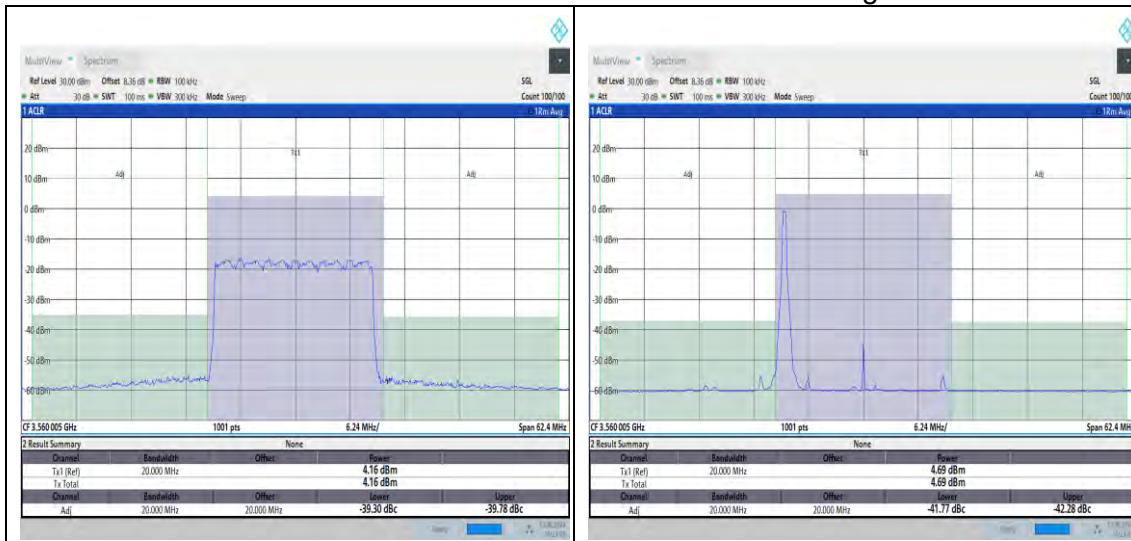
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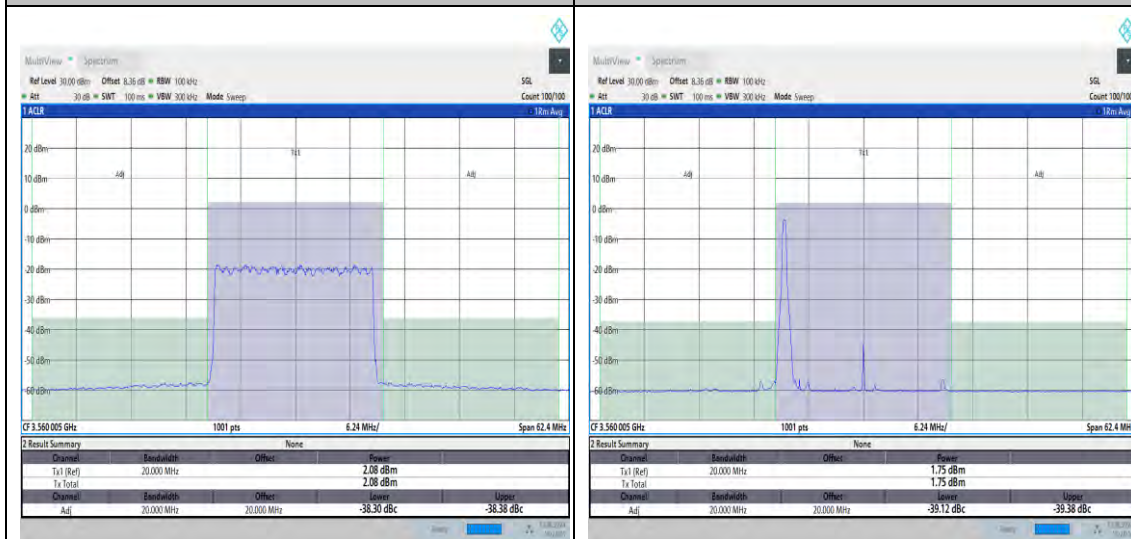
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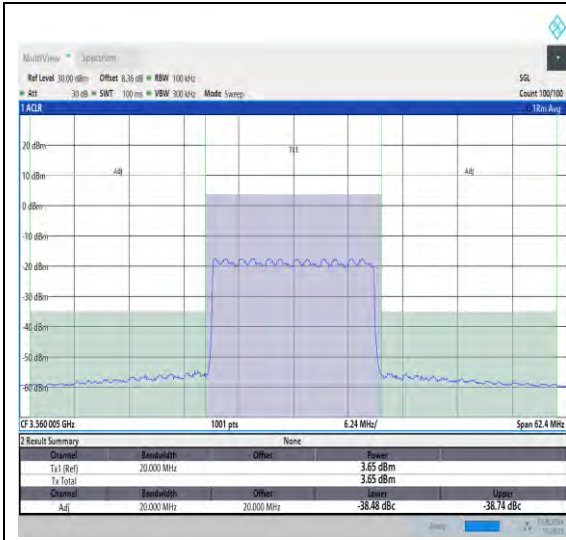
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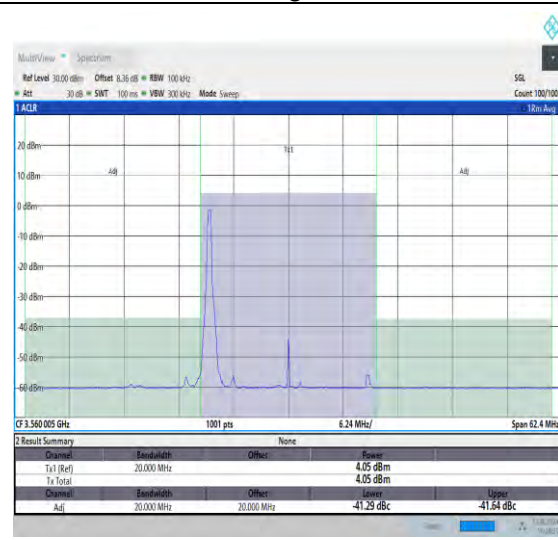
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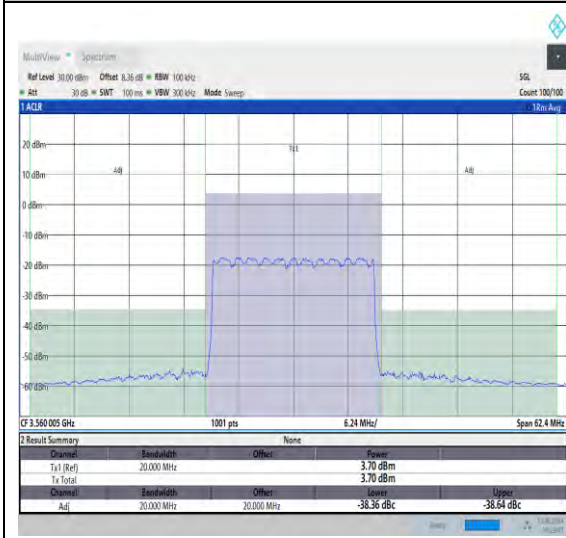
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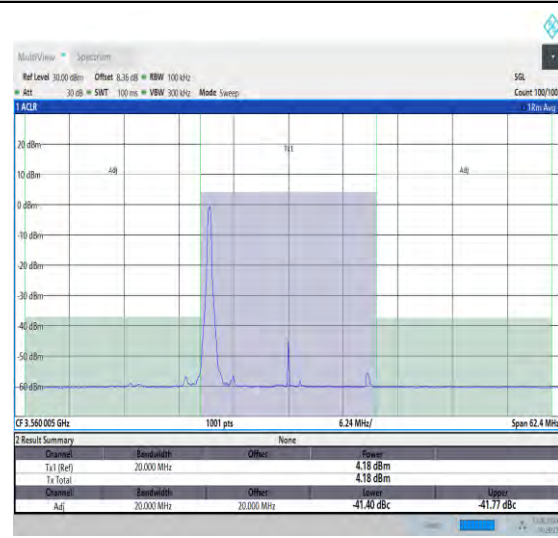
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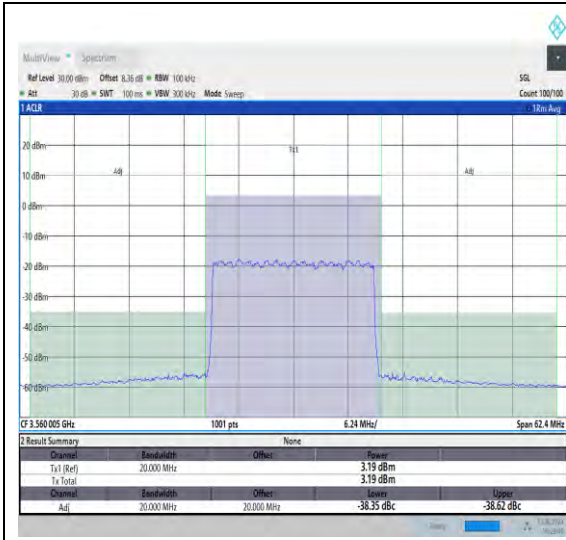
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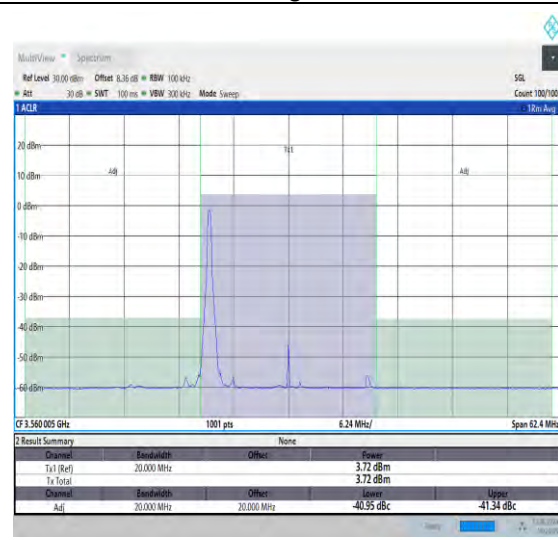
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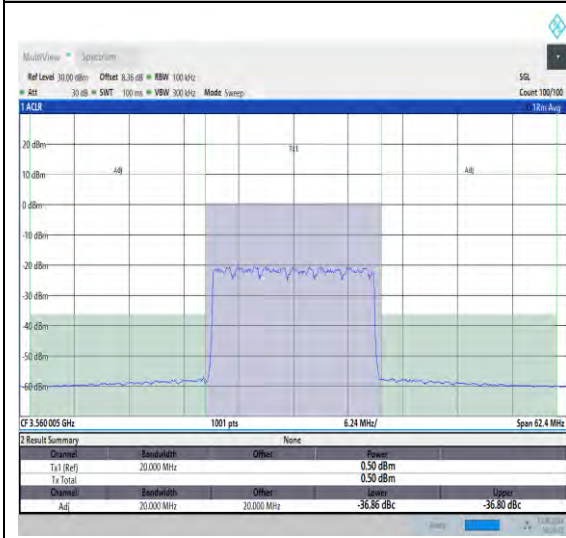
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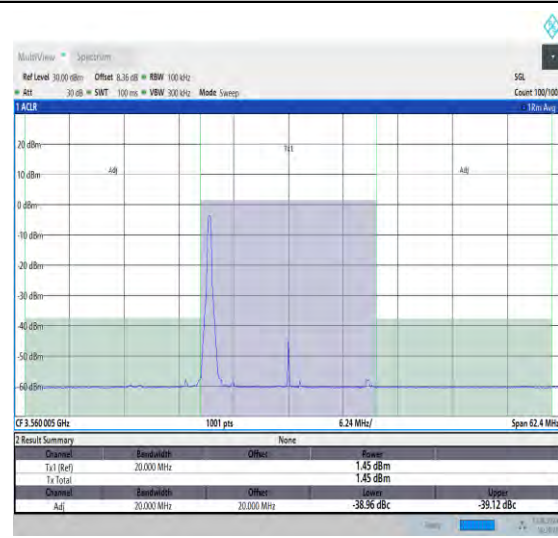
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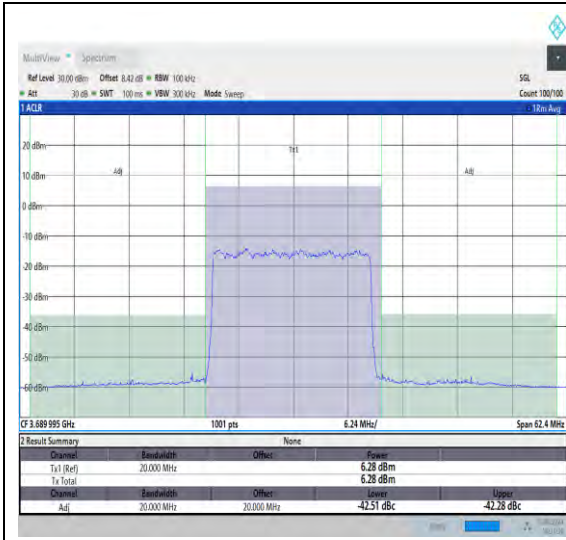


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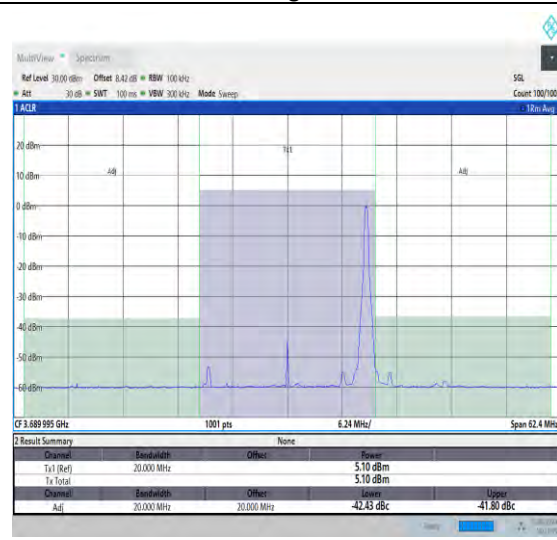
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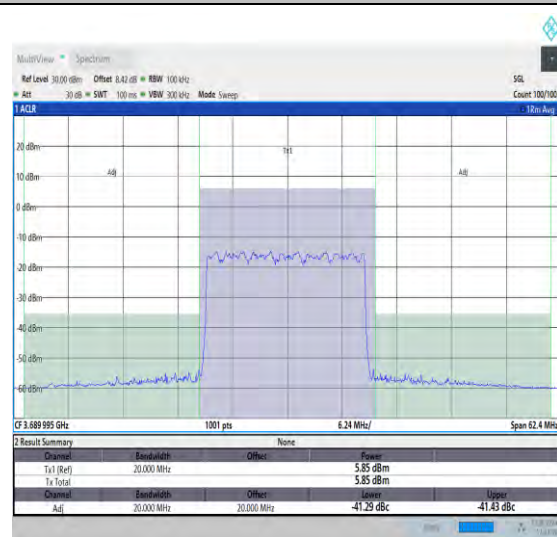
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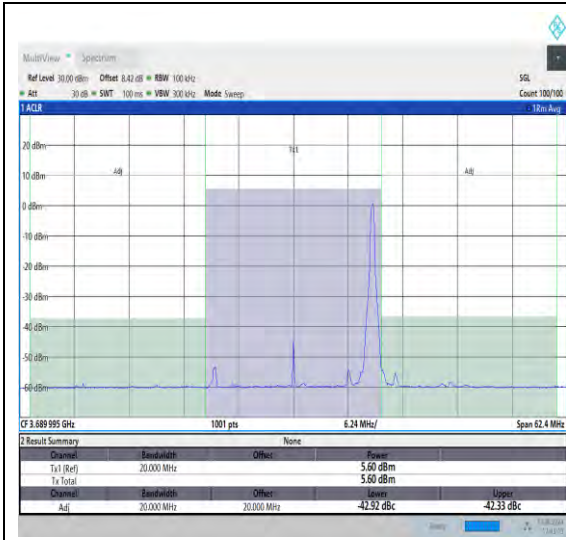


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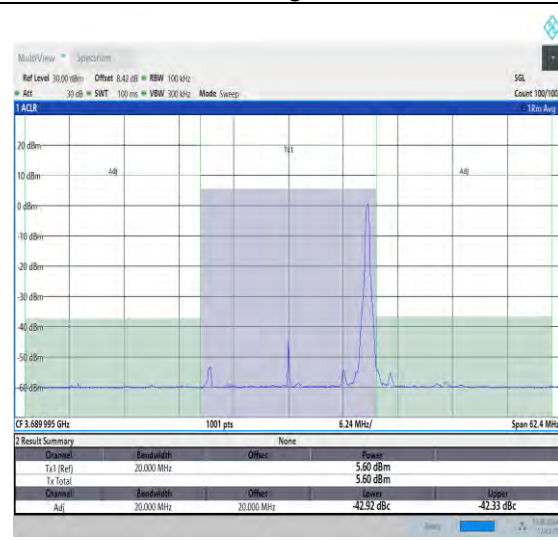
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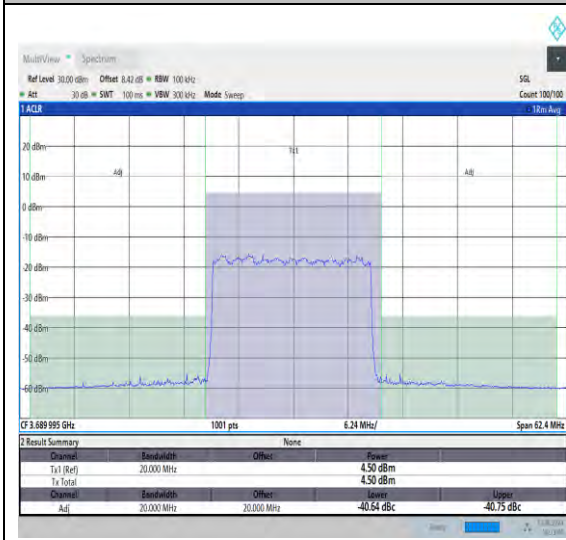
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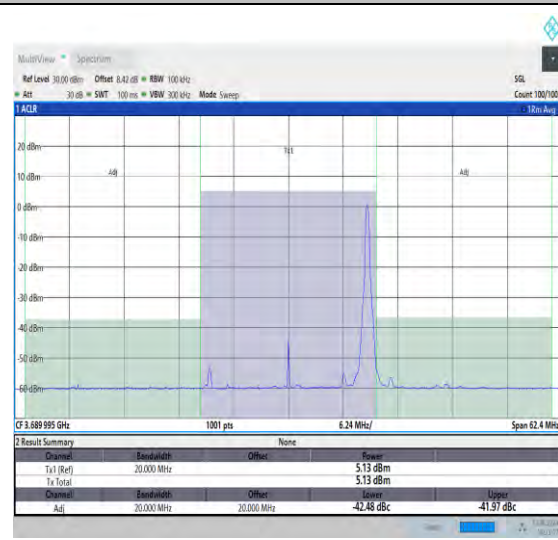
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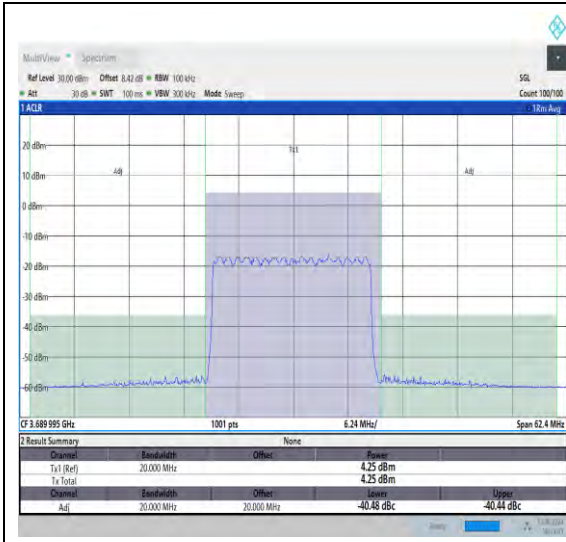


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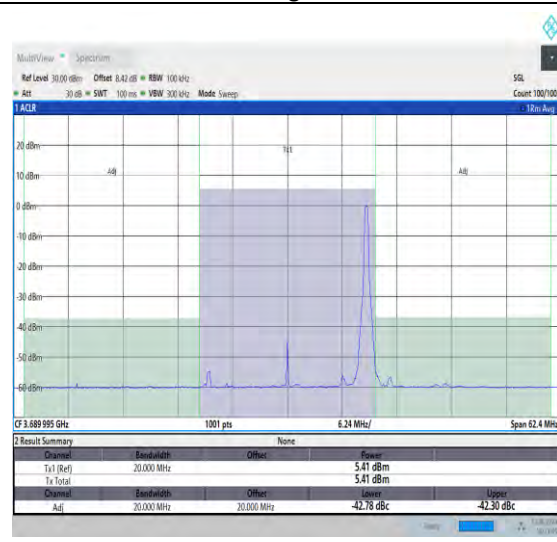
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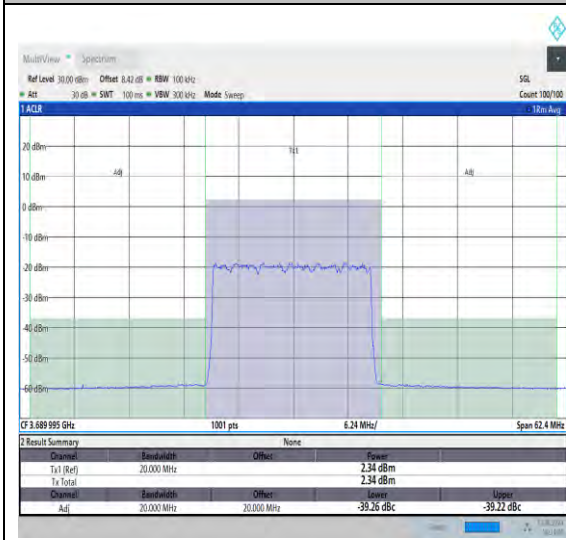
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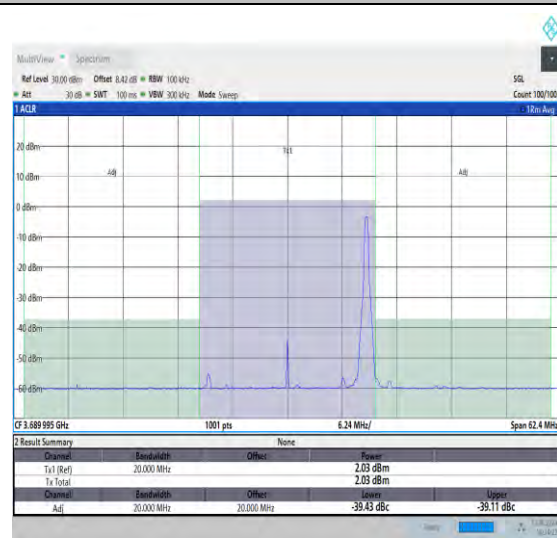
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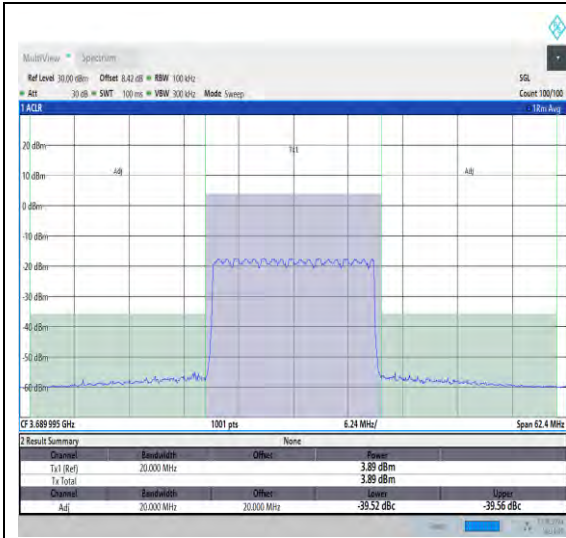
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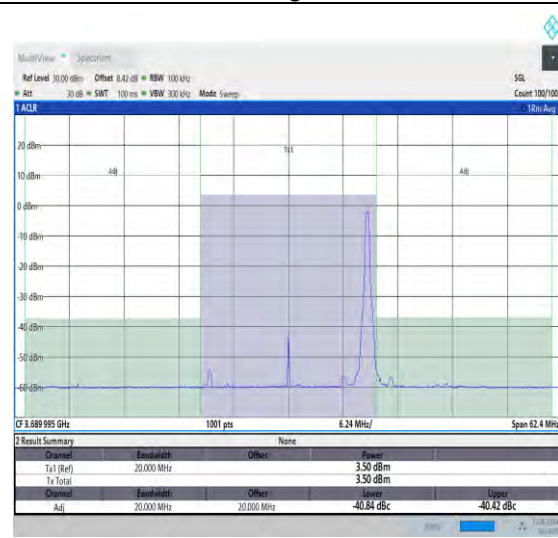
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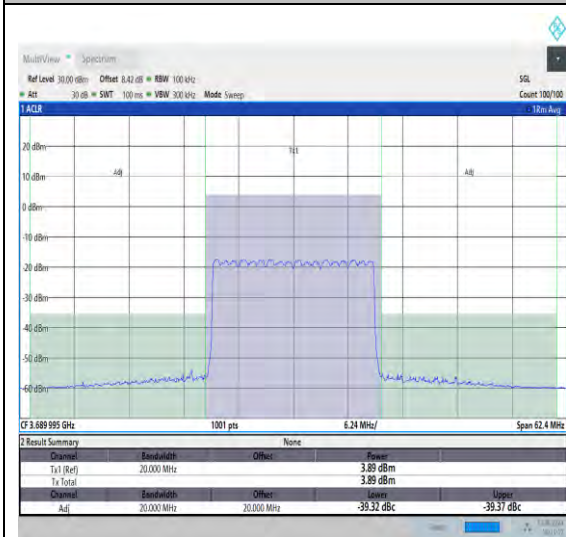
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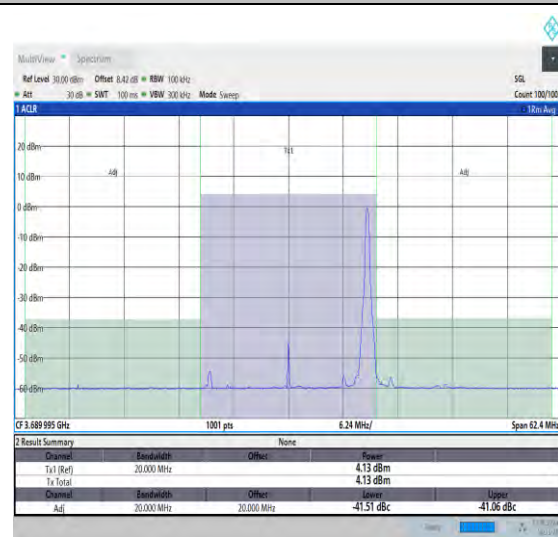
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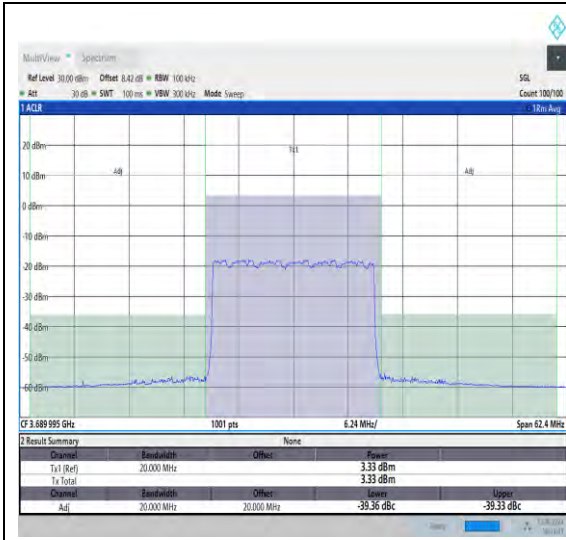


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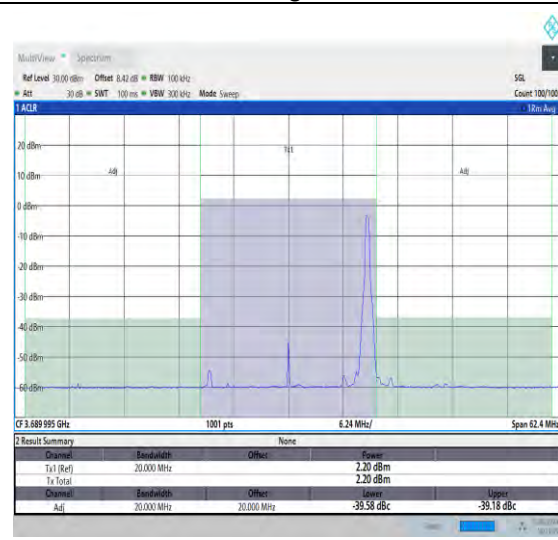
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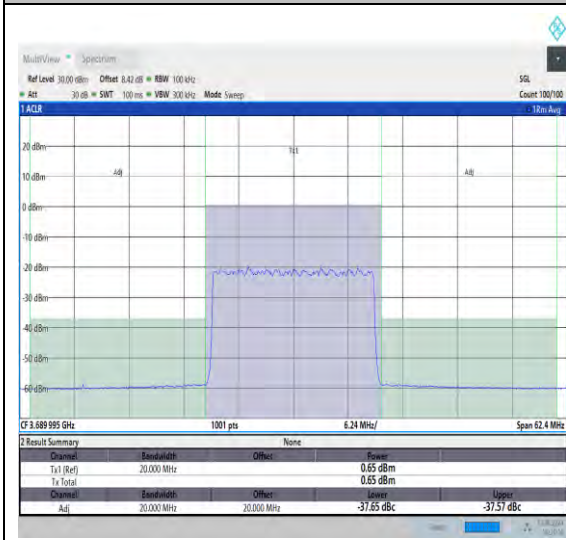
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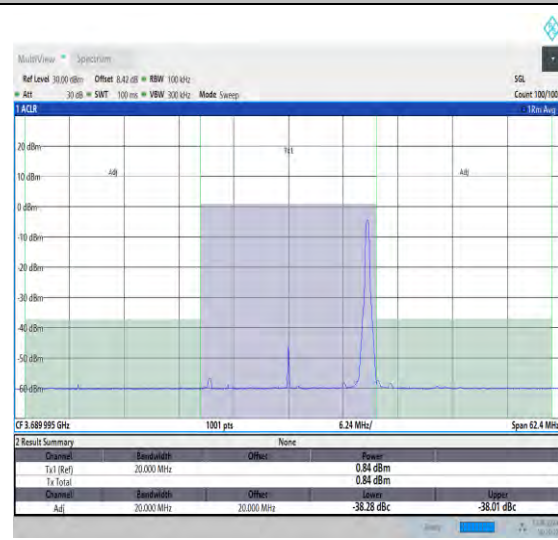
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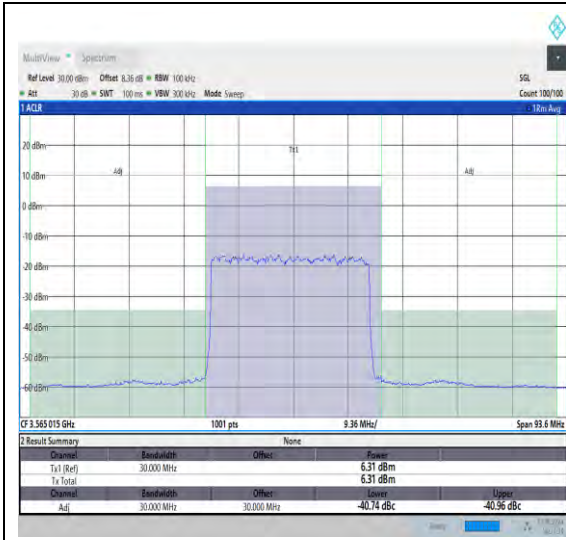
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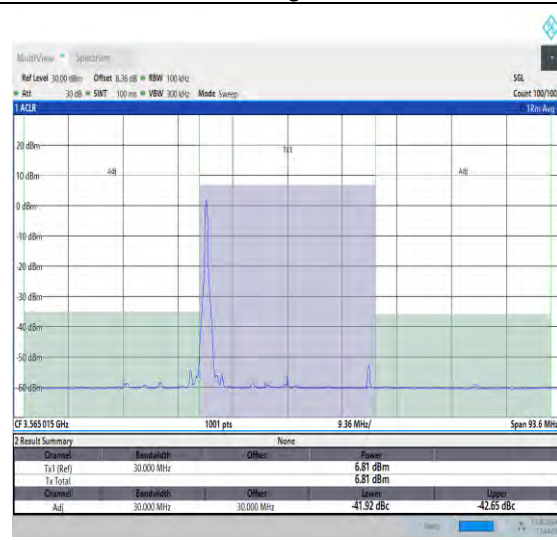
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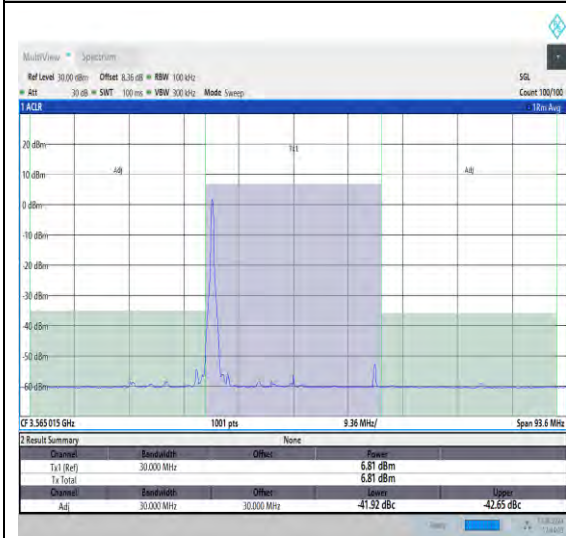
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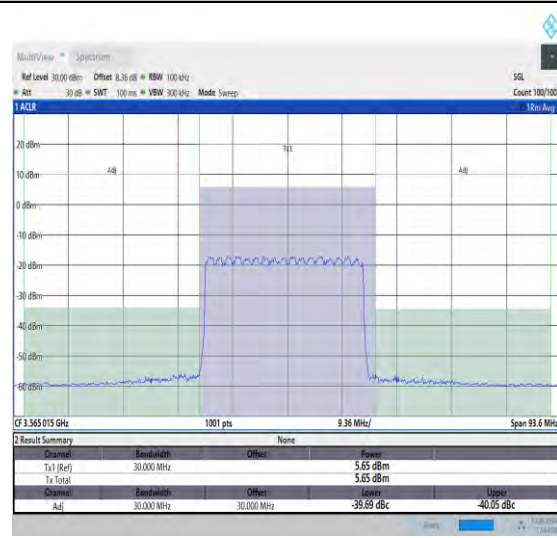
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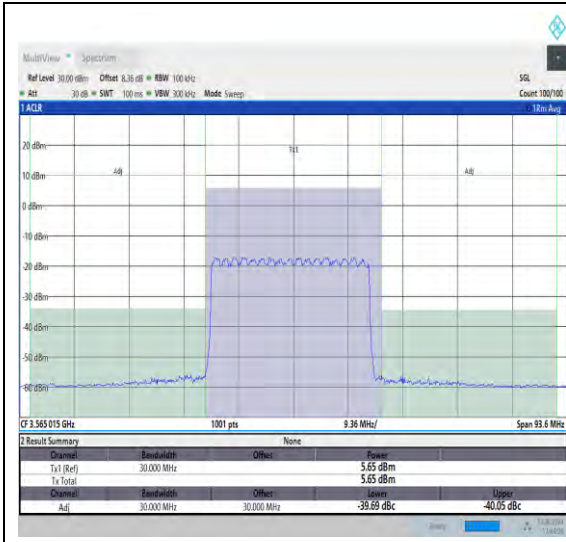
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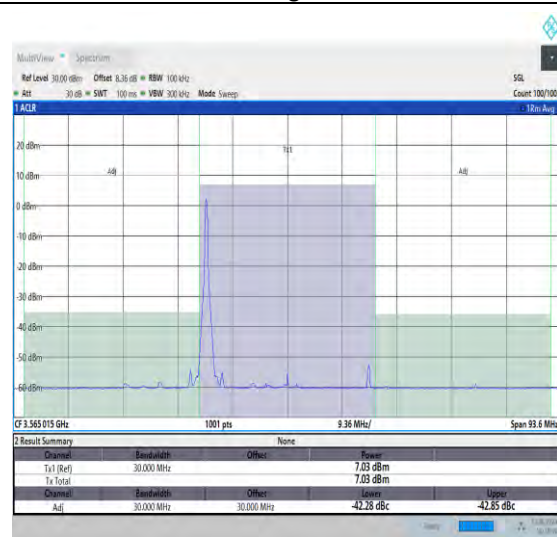
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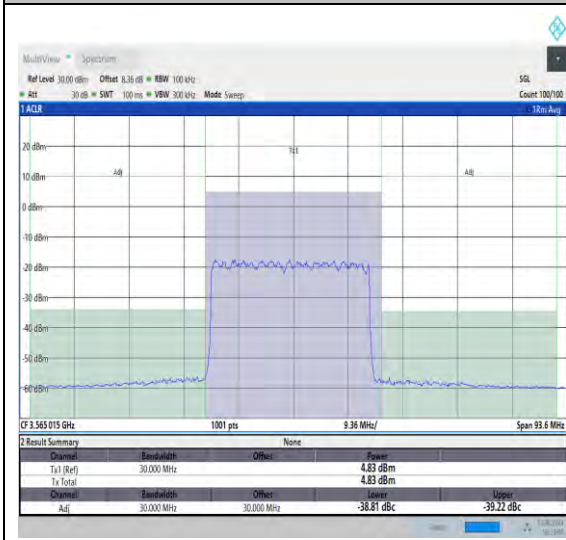
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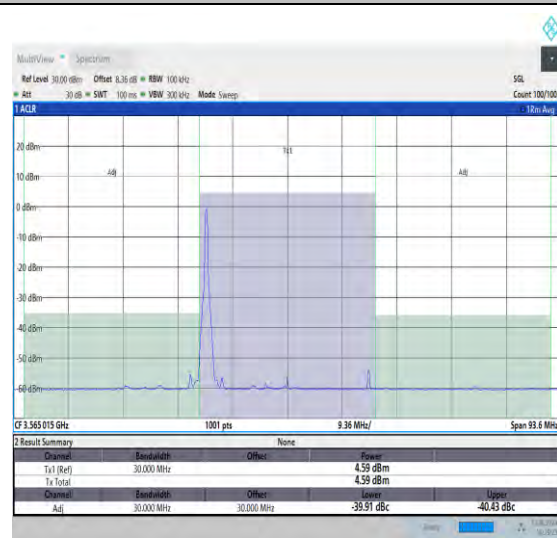
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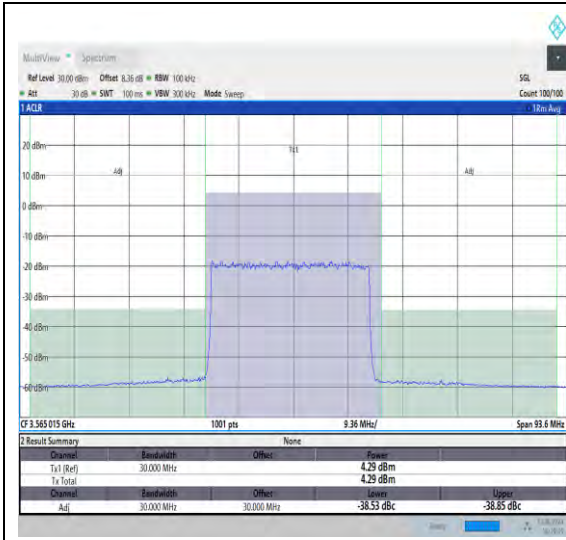
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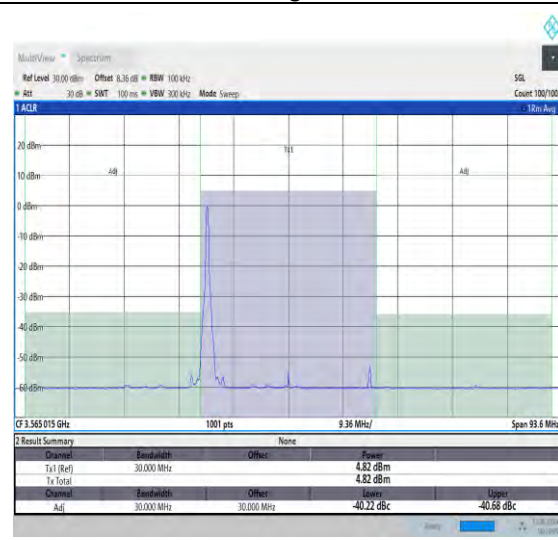
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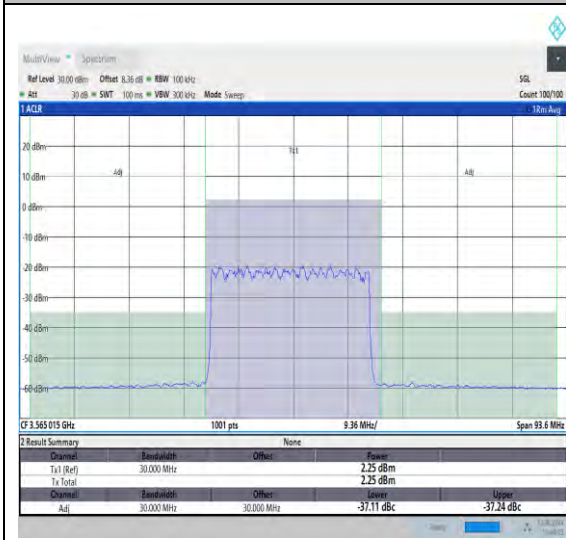
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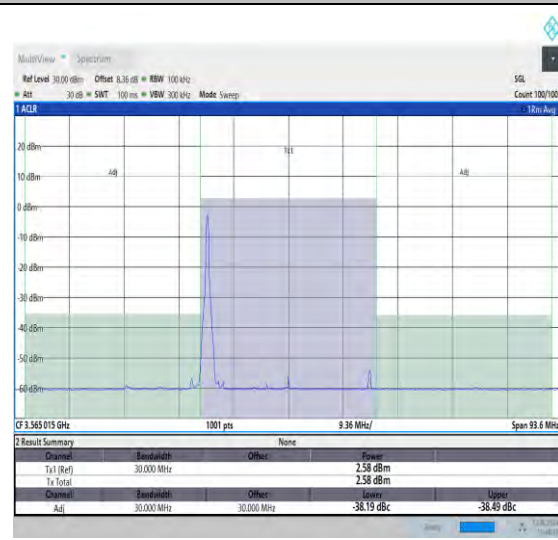
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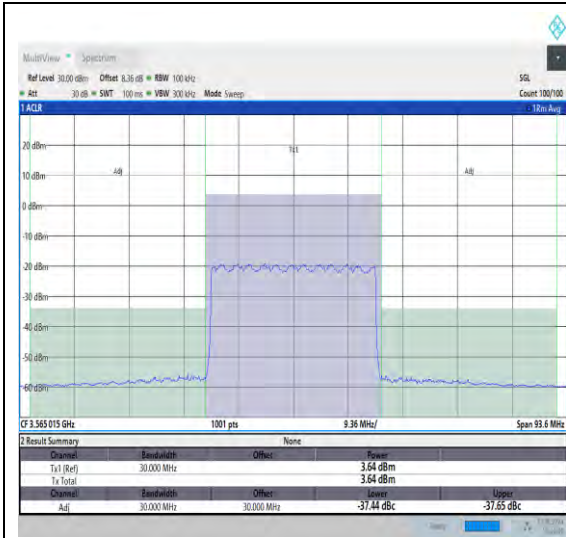


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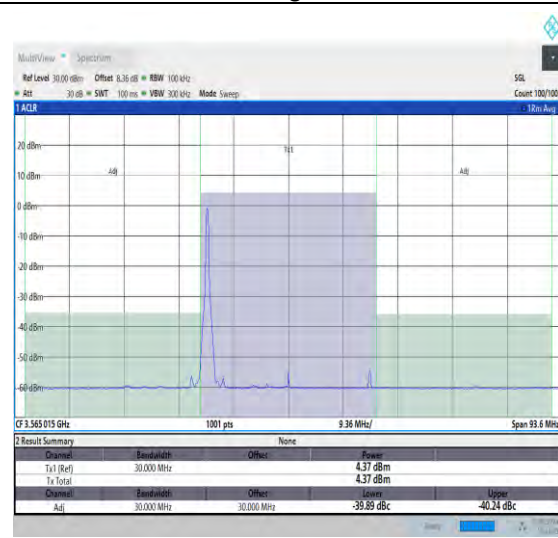
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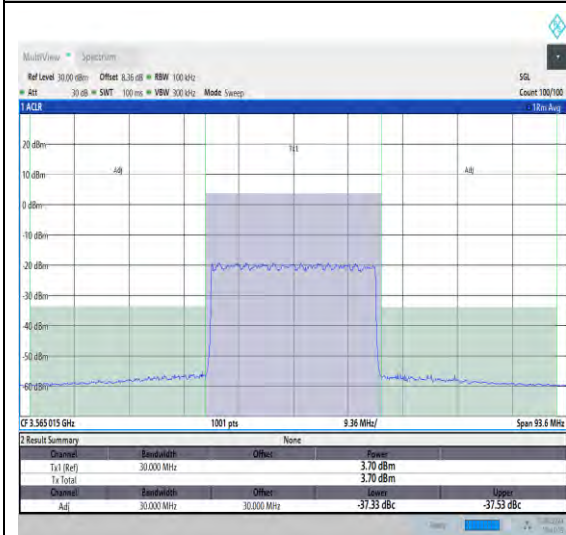
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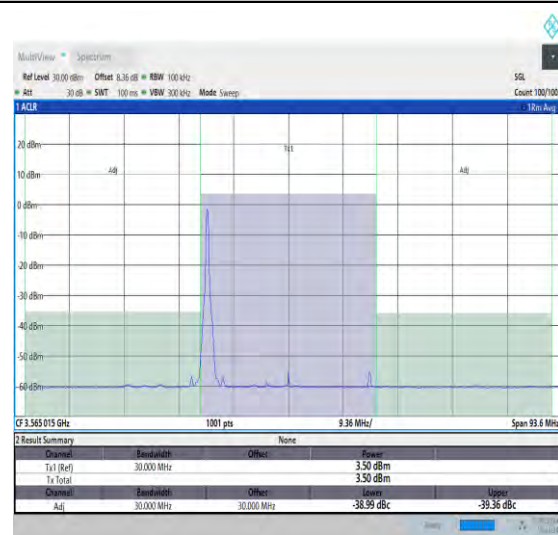
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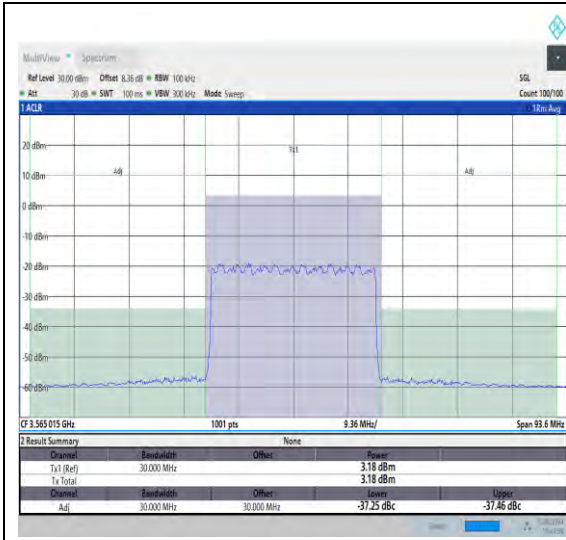


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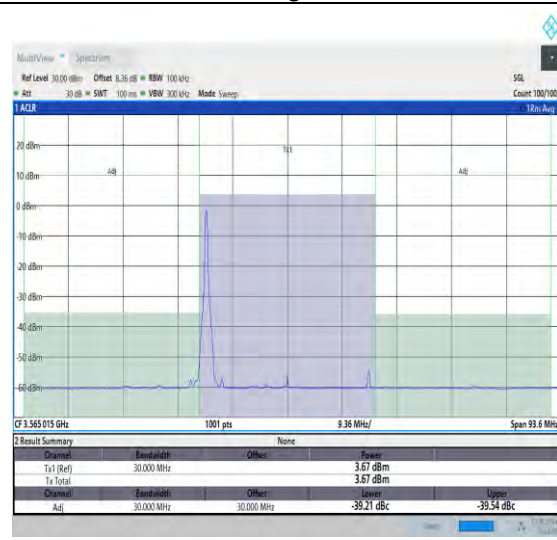
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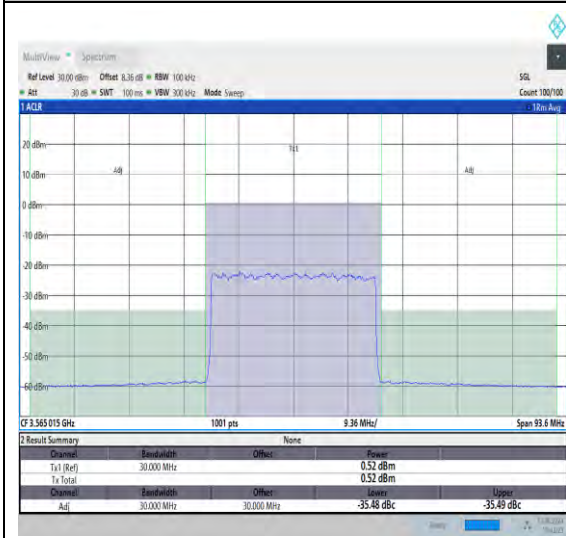
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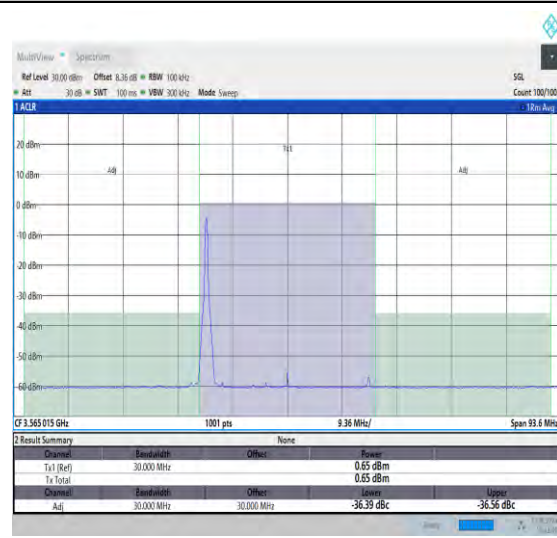
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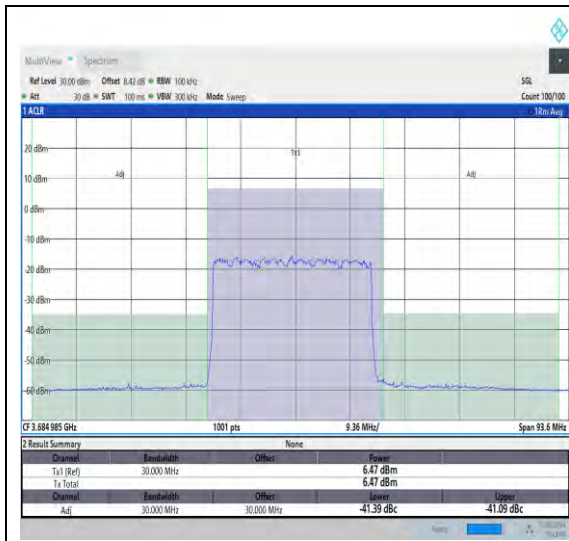
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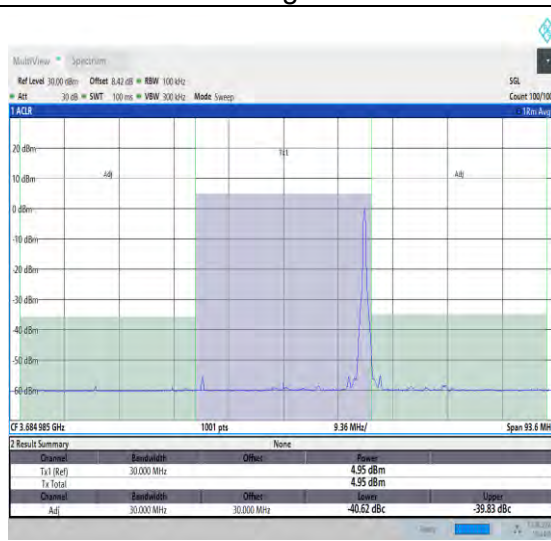
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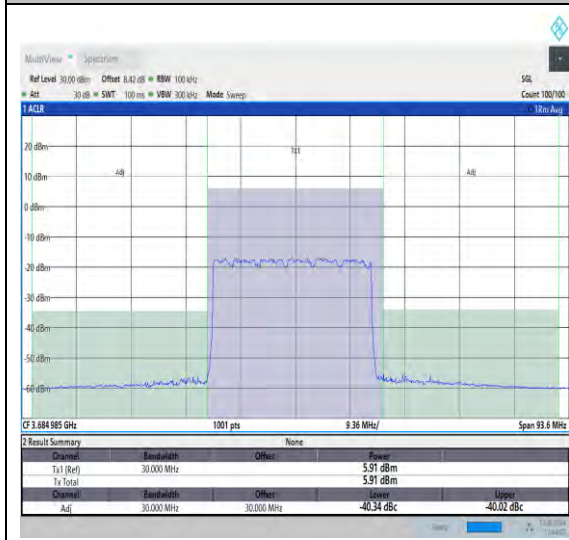
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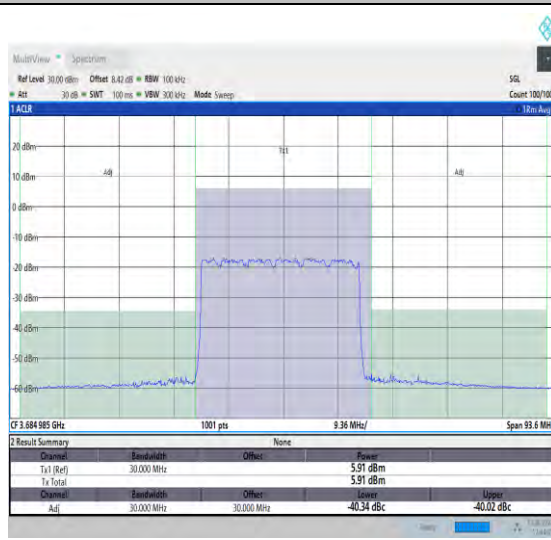
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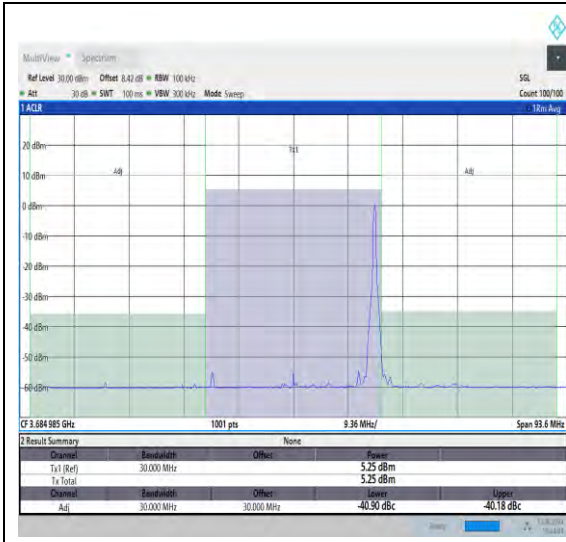


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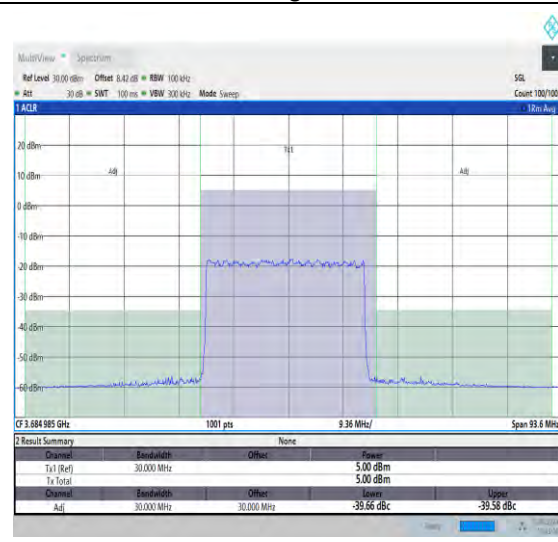


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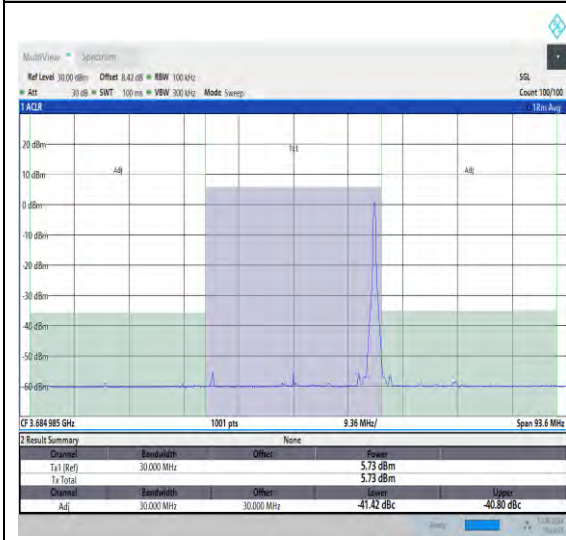
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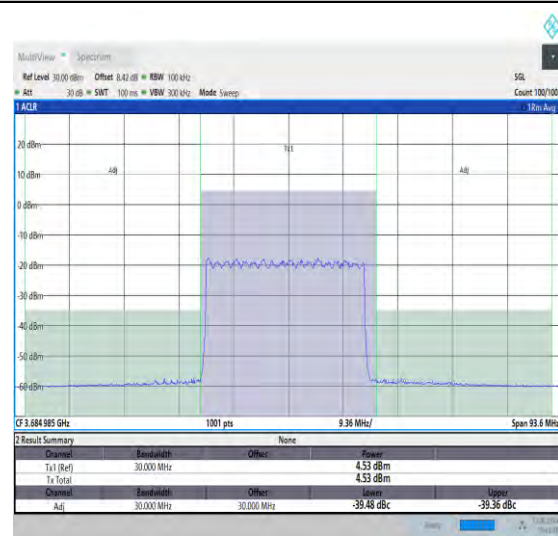
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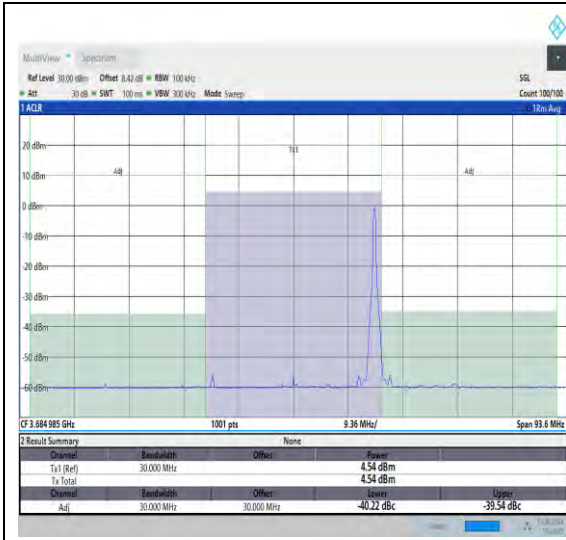
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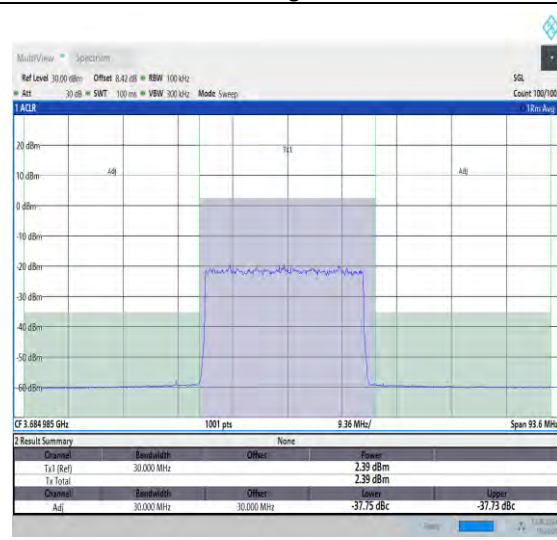
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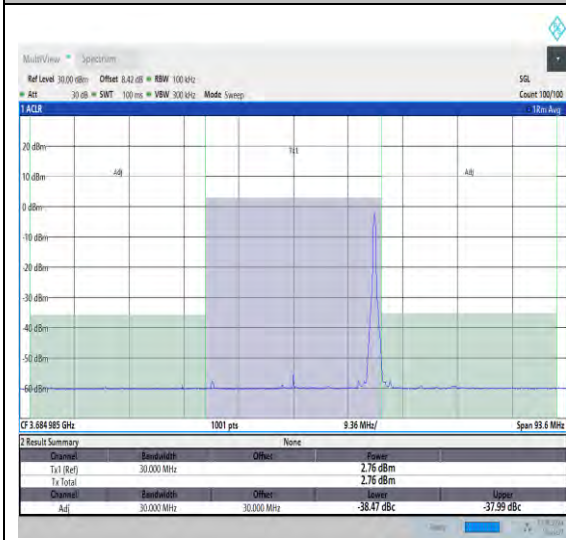
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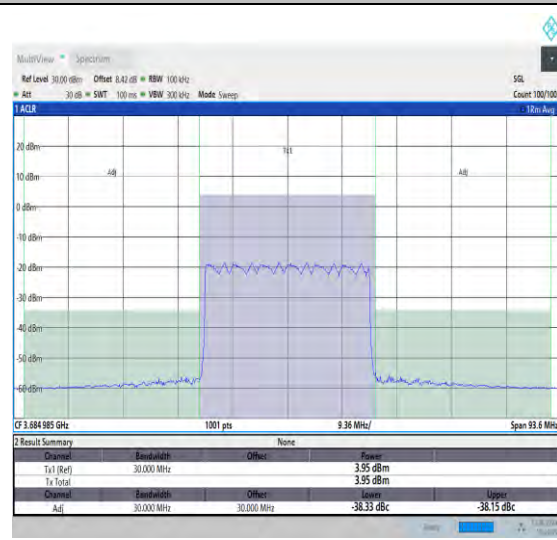
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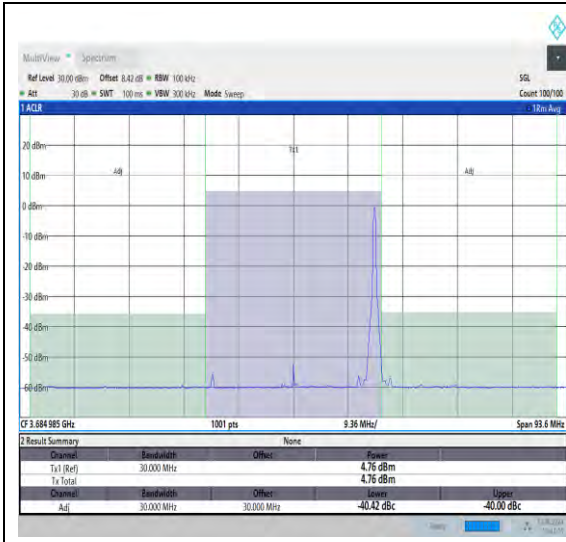


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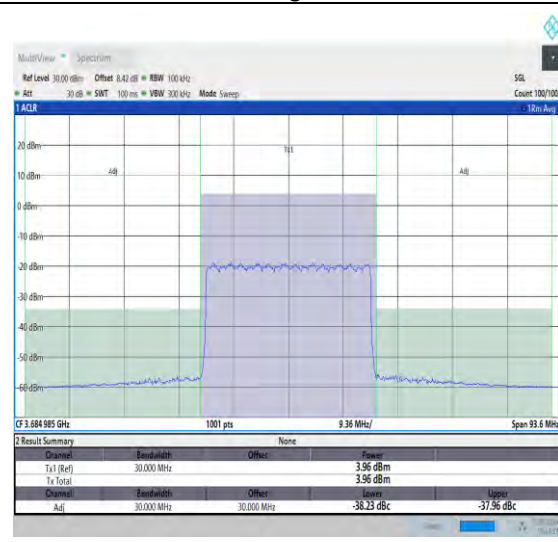
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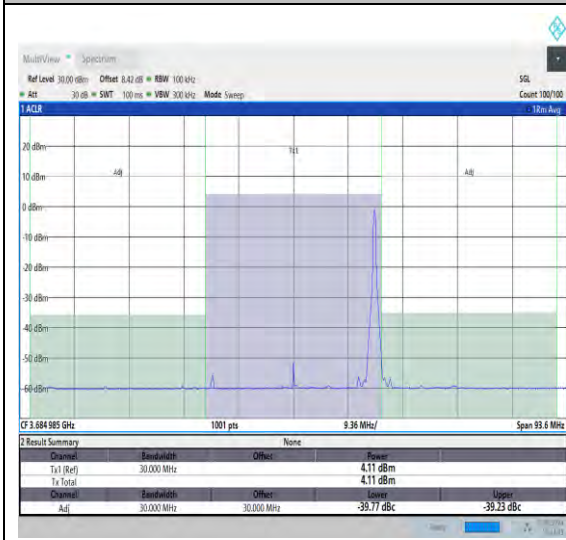
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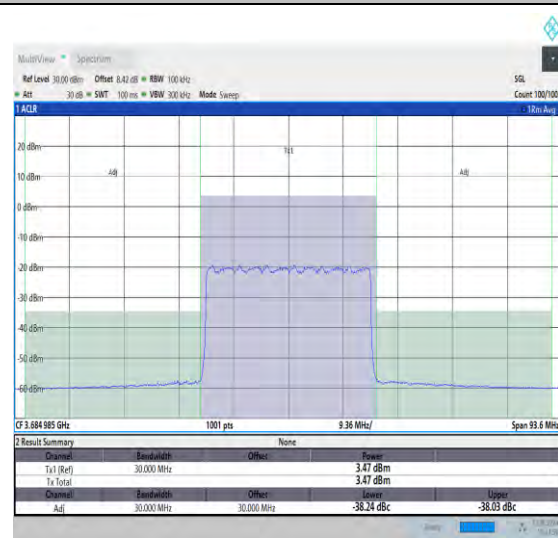
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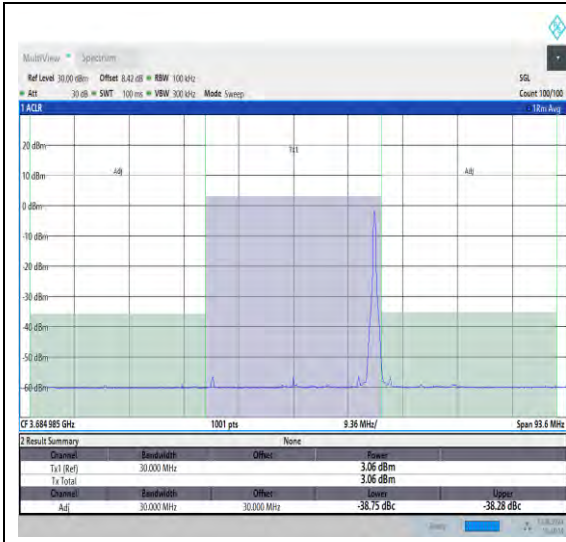
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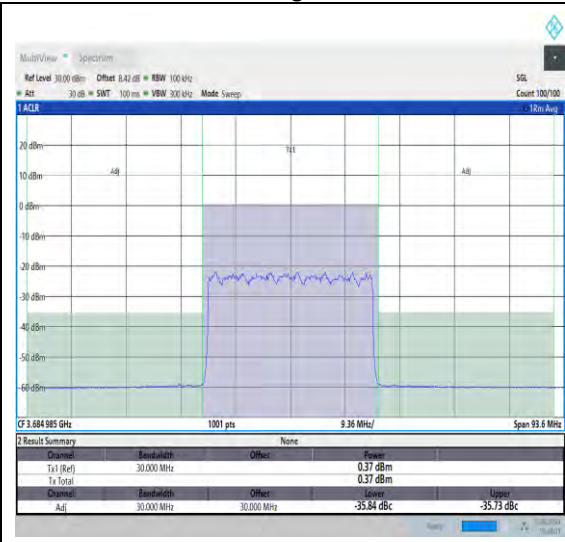
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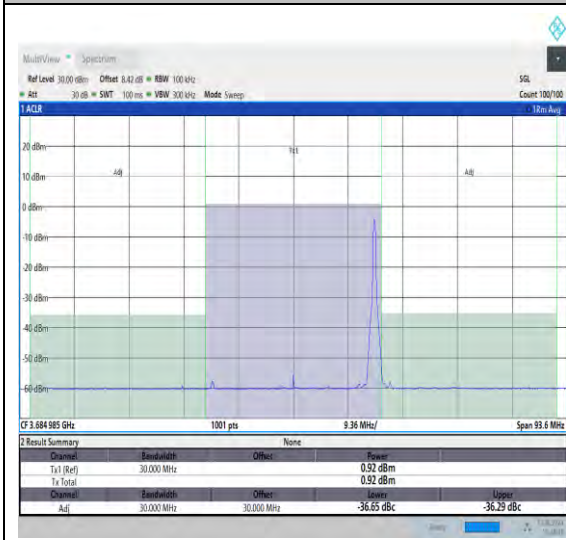
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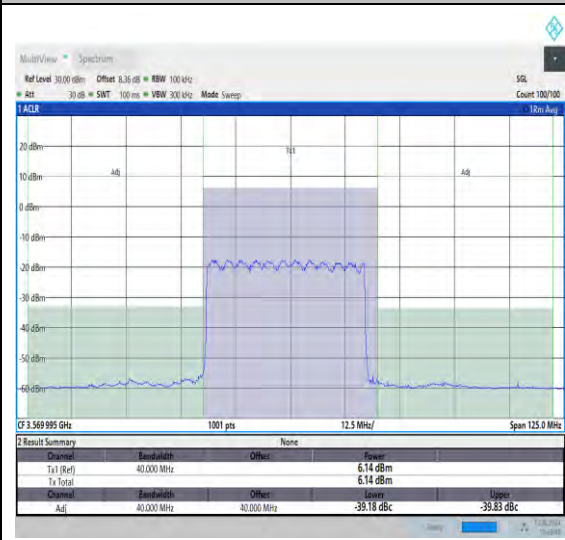
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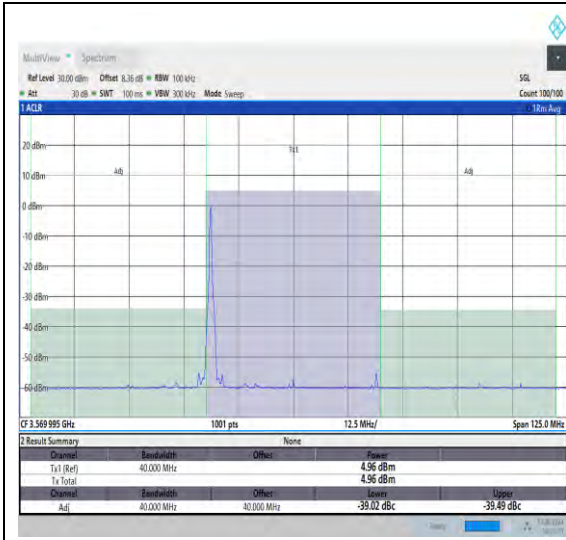
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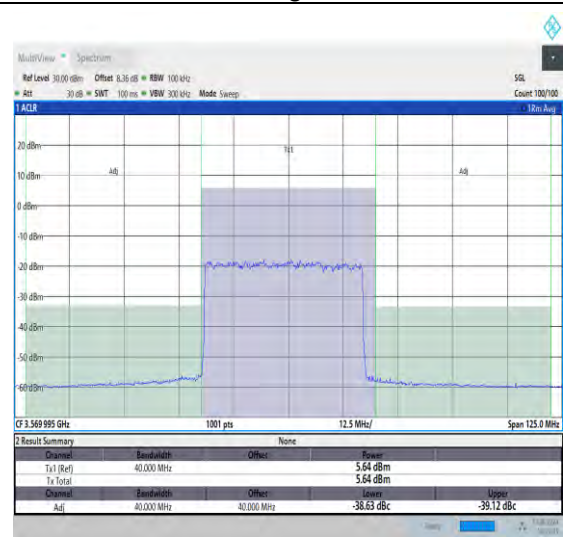
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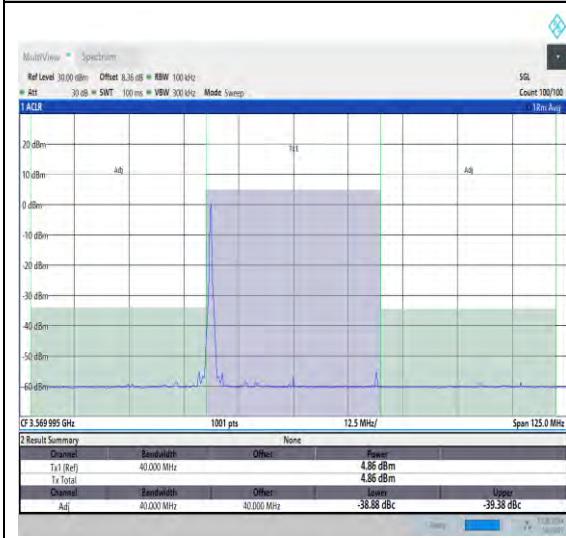
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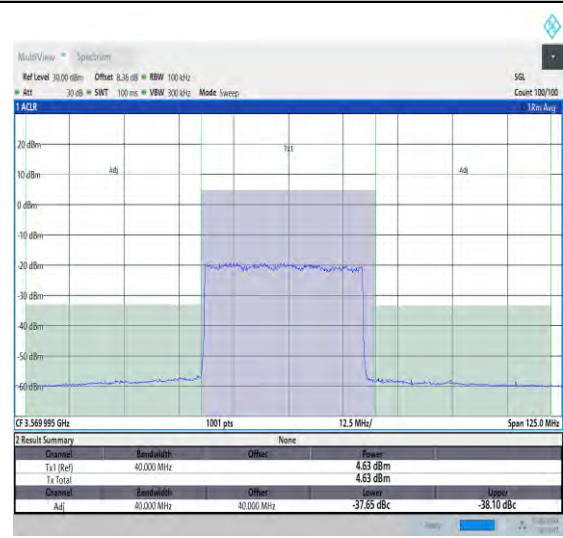
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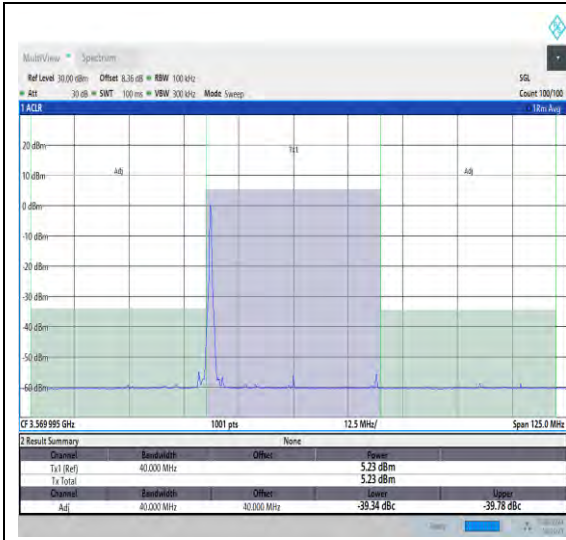


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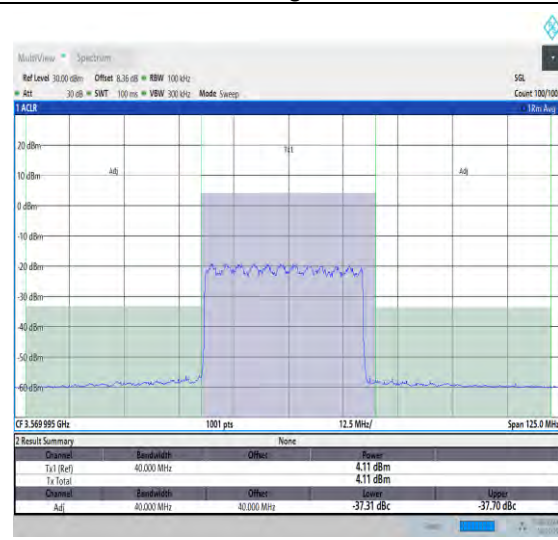
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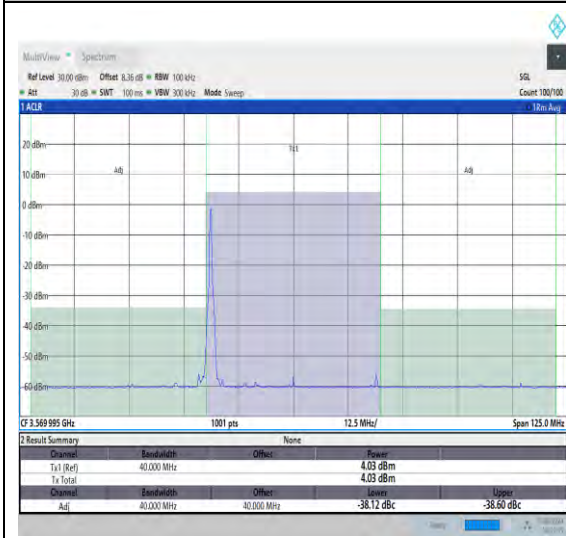
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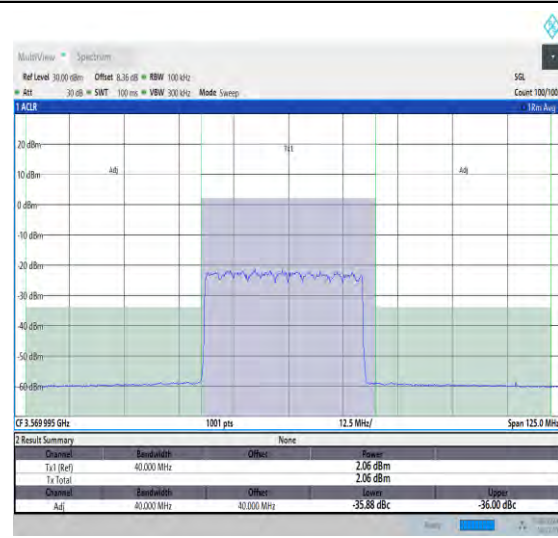
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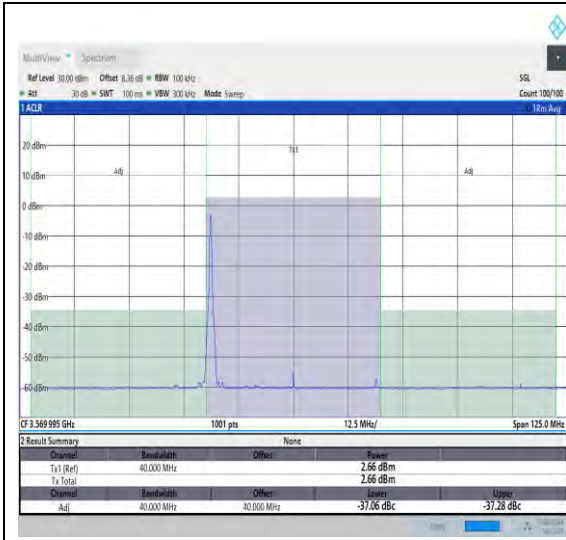
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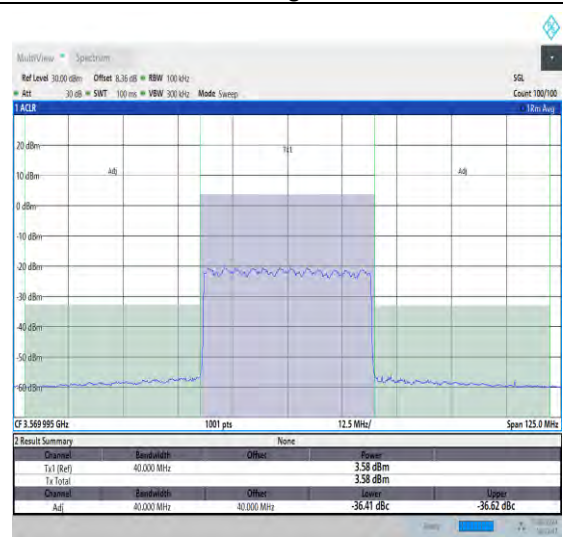
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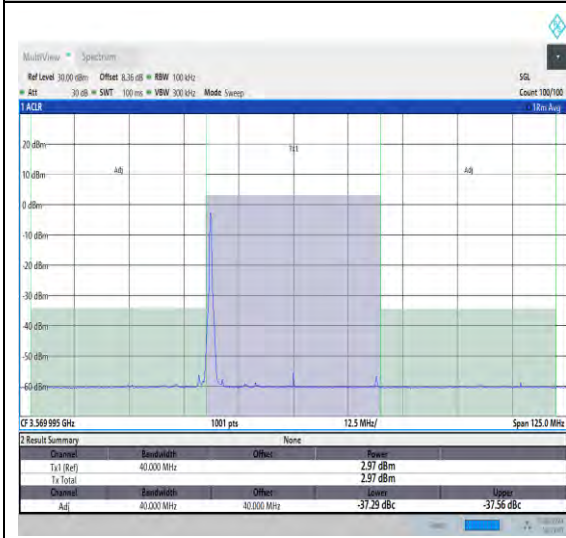
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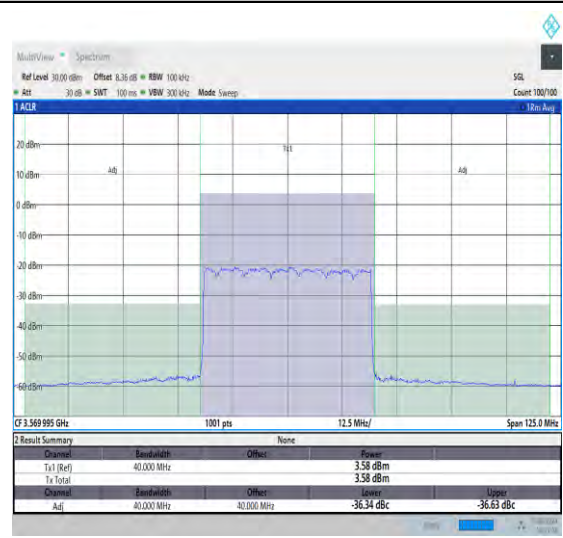
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