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Appendix B.22

NR Band n78(3700-3800)



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

ANT7

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N78-3700-3800	30	10	DFT-QPSK	L	Inner_1RB_Left	25.70	23.20	30.00	PASS
N78-3700-3800	30	10	DFT-16QAM	L	Inner_1RB_Left	24.63	22.13	30.00	PASS
N78-3700-3800	30	10	DFT-QPSK	M	Inner_1RB_Left	25.81	23.31	30.00	PASS
N78-3700-3800	30	10	DFT-16QAM	M	Inner_1RB_Left	24.79	22.29	30.00	PASS
N78-3700-3800	30	10	DFT-QPSK	H	Inner_1RB_Left	25.84	23.34	30.00	PASS
N78-3700-3800	30	10	DFT-16QAM	H	Inner_1RB_Left	24.94	22.44	30.00	PASS
N78-3700-3800	30	15	DFT-QPSK	L	Inner_1RB_Left	25.96	23.46	30.00	PASS
N78-3700-3800	30	15	DFT-16QAM	L	Inner_1RB_Left	24.87	22.37	30.00	PASS
N78-3700-3800	30	15	DFT-QPSK	M	Inner_1RB_Left	25.91	23.41	30.00	PASS
N78-3700-3800	30	15	DFT-16QAM	M	Inner_1RB_Left	24.94	22.44	30.00	PASS
N78-3700-3800	30	15	DFT-QPSK	H	Inner_1RB_Left	26.04	23.54	30.00	PASS
N78-3700-3800	30	15	DFT-16QAM	H	Inner_1RB_Left	25.09	22.59	30.00	PASS
N78-3700-3800	30	20	DFT-QPSK	L	Inner_1RB_Left	25.81	23.31	30.00	PASS
N78-3700-3800	30	20	DFT-16QAM	L	Inner_1RB_Left	24.85	22.35	30.00	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Inner_1RB_Left	25.96	23.46	30.00	PASS
N78-3700-3800	30	20	DFT-16QAM	M	Inner_1RB_Left	24.98	22.48	30.00	PASS
N78-3700-3800	30	20	DFT-QPSK	H	Inner_1RB_Left	26.12	23.62	30.00	PASS
N78-3700-3800	30	20	DFT-16QAM	H	Inner_1RB_Left	25.13	22.63	30.00	PASS
N78-3700-3800	30	30	DFT-QPSK	L	Inner_1RB_Left	25.88	23.38	30.00	PASS
N78-3700-3800	30	30	DFT-16QAM	L	Inner_1RB_Left	24.92	22.42	30.00	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Inner_1RB_Left	25.95	23.45	30.00	PASS
N78-3700-3800	30	30	DFT-16QAM	M	Inner_1RB_Left	24.93	22.43	30.00	PASS
N78-3700-3800	30	30	DFT-QPSK	H	Inner_1RB_Left	26.09	23.59	30.00	PASS
N78-3700-3800	30	30	DFT-16QAM	H	Inner_1RB_Left	25.13	22.63	30.00	PASS
N78-3700-3800	30	40	DFT-QPSK	L	Inner_1RB_Left	25.99	23.49	30.00	PASS
N78-3700-3800	30	40	DFT-16QAM	L	Inner_1RB_Left	25.00	22.50	30.00	PASS
N78-3700-3800	30	40	DFT-QPSK	M	Inner_1RB_Left	26.07	23.57	30.00	PASS
N78-3700-3800	30	40	DFT-16QAM	M	Inner_1RB_Left	25.08	22.58	30.00	PASS
N78-3700-3800	30	40	DFT-QPSK	H	Inner_1RB_Left	25.88	23.38	30.00	PASS
N78-3700-3800	30	40	DFT-16QAM	H	Inner_1RB_Left	24.92	22.42	30.00	PASS
N78-3700-3800	30	50	DFT-QPSK	L	Inner_1RB_Left	15.76	13.26	30.00	PASS



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N78-3700-3800	30	50	DFT-16QAM	L	Inner_1RB_Left	24.67	22.17	30.00	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Inner_1RB_Left	25.75	23.25	30.00	PASS
N78-3700-3800	30	50	DFT-16QAM	M	Inner_1RB_Left	24.74	22.24	30.00	PASS
N78-3700-3800	30	50	DFT-QPSK	H	Inner_1RB_Left	25.58	23.08	30.00	PASS
N78-3700-3800	30	50	DFT-16QAM	H	Inner_1RB_Left	24.63	22.13	30.00	PASS
N78-3700-3800	30	60	DFT-QPSK	L	Inner_1RB_Left	25.57	23.07	30.00	PASS
N78-3700-3800	30	60	DFT-16QAM	L	Inner_1RB_Left	24.70	22.20	30.00	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Inner_1RB_Left	25.58	23.08	30.00	PASS
N78-3700-3800	30	60	DFT-16QAM	M	Inner_1RB_Left	24.57	22.07	30.00	PASS
N78-3700-3800	30	60	DFT-QPSK	H	Inner_1RB_Left	25.57	23.07	30.00	PASS
N78-3700-3800	30	60	DFT-16QAM	H	Inner_1RB_Left	24.65	22.15	30.00	PASS
N78-3700-3800	30	70	DFT-QPSK	L	Inner_1RB_Left	25.50	23.00	30.00	PASS
N78-3700-3800	30	70	DFT-16QAM	L	Inner_1RB_Left	24.48	21.98	30.00	PASS
N78-3700-3800	30	70	DFT-QPSK	M	Inner_1RB_Left	25.55	23.05	30.00	PASS
N78-3700-3800	30	70	DFT-16QAM	M	Inner_1RB_Left	24.58	22.08	30.00	PASS
N78-3700-3800	30	70	DFT-QPSK	H	Inner_1RB_Left	25.51	23.01	30.00	PASS
N78-3700-3800	30	70	DFT-16QAM	H	Inner_1RB_Left	24.61	22.11	30.00	PASS
N78-3700-3800	30	80	DFT-QPSK	L	Inner_1RB_Left	25.35	22.85	30.00	PASS
N78-3700-3800	30	80	DFT-16QAM	L	Inner_1RB_Left	24.43	21.93	30.00	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Inner_1RB_Left	13.63	11.13	30.00	PASS
N78-3700-3800	30	80	DFT-16QAM	M	Inner_1RB_Left	-28.90	-31.40	30.00	PASS
N78-3700-3800	30	80	DFT-QPSK	H	Inner_1RB_Left	25.46	22.96	30.00	PASS
N78-3700-3800	30	80	DFT-16QAM	H	Inner_1RB_Left	24.53	22.03	30.00	PASS
N78-3700-3800	30	90	DFT-QPSK	L	Inner_1RB_Left	25.27	22.77	30.00	PASS
N78-3700-3800	30	90	DFT-16QAM	L	Inner_1RB_Left	24.43	21.93	30.00	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Inner_1RB_Left	25.43	22.93	30.00	PASS
N78-3700-3800	30	90	DFT-16QAM	M	Inner_1RB_Left	24.46	21.96	30.00	PASS
N78-3700-3800	30	90	DFT-QPSK	H	Inner_1RB_Left	25.43	22.93	30.00	PASS
N78-3700-3800	30	90	DFT-16QAM	H	Inner_1RB_Left	24.42	21.92	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	25.32	22.82	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	25.68	23.18	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	L	Outer_Full	25.05	22.55	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	L	Inner_1RB_Left	25.28	22.78	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	L	Inner_1RB_Right	25.72	23.22	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	L	Outer_Full	24.52	22.02	30.00	PASS
N78-3700-3800	30	100	DFT-16QAM	L	Inner_1RB_Left	24.41	21.91	30.00	PASS
N78-3700-3800	30	100	DFT-16QAM	L	Inner_1RB_Right	24.68	22.18	30.00	PASS



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N78-3700-3800	30	100	DFT-16QAM	L	Outer_Full	23.55	21.05	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	L	Inner_1RB_Left	22.85	20.35	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	L	Inner_1RB_Right	23.18	20.68	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	L	Outer_Full	23.06	20.56	30.00	PASS
N78-3700-3800	30	100	DFT-256QAM	L	Inner_1RB_Left	20.75	18.25	30.00	PASS
N78-3700-3800	30	100	DFT-256QAM	L	Inner_1RB_Right	21.04	18.54	30.00	PASS
N78-3700-3800	30	100	DFT-256QAM	L	Outer_Full	21.05	18.55	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	25.36	22.86	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	25.63	23.13	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	25.09	22.59	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Inner_1RB_Left	25.35	22.85	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Inner_1RB_Right	25.65	23.15	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	24.58	22.08	30.00	PASS
N78-3700-3800	30	100	DFT-16QAM	M	Inner_1RB_Left	24.33	21.83	30.00	PASS
N78-3700-3800	30	100	DFT-16QAM	M	Inner_1RB_Right	24.71	22.21	30.00	PASS
N78-3700-3800	30	100	DFT-16QAM	M	Outer_Full	23.59	21.09	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	M	Inner_1RB_Left	22.81	20.31	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	M	Inner_1RB_Right	23.17	20.67	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	M	Outer_Full	22.97	20.47	30.00	PASS
N78-3700-3800	30	100	DFT-256QAM	M	Inner_1RB_Left	20.67	18.17	30.00	PASS
N78-3700-3800	30	100	DFT-256QAM	M	Inner_1RB_Right	21.01	18.51	30.00	PASS
N78-3700-3800	30	100	DFT-256QAM	M	Outer_Full	20.98	18.48	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	25.30	22.80	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	25.64	23.14	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	H	Outer_Full	25.00	22.50	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	H	Inner_1RB_Left	25.24	22.74	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	H	Inner_1RB_Right	25.64	23.14	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	H	Outer_Full	24.50	22.00	30.00	PASS
N78-3700-3800	30	100	DFT-16QAM	H	Inner_1RB_Left	24.33	21.83	30.00	PASS
N78-3700-3800	30	100	DFT-16QAM	H	Inner_1RB_Right	24.62	22.12	30.00	PASS
N78-3700-3800	30	100	DFT-16QAM	H	Outer_Full	23.50	21.00	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	H	Inner_1RB_Left	22.72	20.22	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	H	Inner_1RB_Right	22.96	20.46	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	H	Outer_Full	22.99	20.49	30.00	PASS
N78-3700-3800	30	100	DFT-256QAM	H	Inner_1RB_Left	20.65	18.15	30.00	PASS
N78-3700-3800	30	100	DFT-256QAM	H	Inner_1RB_Right	21.00	18.50	30.00	PASS
N78-3700-3800	30	100	DFT-256QAM	H	Outer_Full	20.99	18.49	30.00	PASS



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Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N78-3700-3800	30	100	DFT-256QAM	M	Outer_Full	6.41	≤13	PASS
N78-3700-3800	30	100	CP-256QAM	M	Outer_Full	6.42	≤13	PASS



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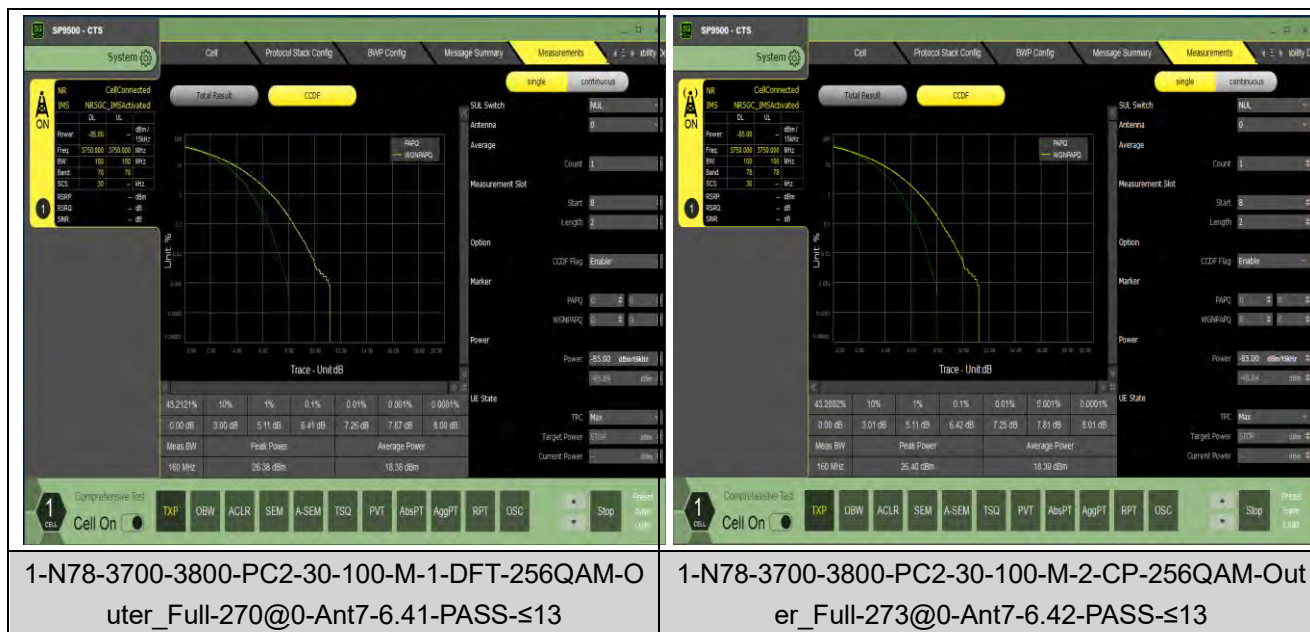
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Test Graphs



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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
N78-3700-3800	30	10	DFT-QPSK	M	Outer_Full	8.583	9.700	PASS
N78-3700-3800	30	10	DFT-PI2BPSK	M	Outer_Full	8.593	9.880	PASS
N78-3700-3800	30	10	DFT-16QAM	M	Outer_Full	8.603	9.480	PASS
N78-3700-3800	30	10	DFT-64QAM	M	Outer_Full	8.603	9.420	PASS
N78-3700-3800	30	10	DFT-256QAM	M	Outer_Full	8.602	9.320	PASS
N78-3700-3800	30	10	CP-QPSK	M	Outer_Full	8.61	9.500	PASS
N78-3700-3800	30	10	CP-16QAM	M	Outer_Full	8.578	9.700	PASS
N78-3700-3800	30	10	CP-64QAM	M	Outer_Full	8.579	9.500	PASS
N78-3700-3800	30	10	CP-256QAM	M	Outer_Full	8.572	9.500	PASS
N78-3700-3800	30	15	DFT-QPSK	M	Outer_Full	12.846	14.370	PASS
N78-3700-3800	30	15	DFT-PI2BPSK	M	Outer_Full	12.894	13.980	PASS
N78-3700-3800	30	15	DFT-16QAM	M	Outer_Full	12.83	14.370	PASS
N78-3700-3800	30	15	DFT-64QAM	M	Outer_Full	12.898	13.980	PASS
N78-3700-3800	30	15	DFT-256QAM	M	Outer_Full	12.791	13.800	PASS
N78-3700-3800	30	15	CP-QPSK	M	Outer_Full	13.581	14.700	PASS
N78-3700-3800	30	15	CP-16QAM	M	Outer_Full	13.51	14.790	PASS
N78-3700-3800	30	15	CP-64QAM	M	Outer_Full	13.645	15.090	PASS
N78-3700-3800	30	15	CP-256QAM	M	Outer_Full	13.561	14.490	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Outer_Full	17.838	18.880	PASS
N78-3700-3800	30	20	DFT-PI2BPSK	M	Outer_Full	17.8	18.600	PASS
N78-3700-3800	30	20	DFT-16QAM	M	Outer_Full	17.777	19.160	PASS
N78-3700-3800	30	20	DFT-64QAM	M	Outer_Full	17.801	19.000	PASS
N78-3700-3800	30	20	DFT-256QAM	M	Outer_Full	17.77	19.080	PASS
N78-3700-3800	30	20	CP-QPSK	M	Outer_Full	18.219	19.560	PASS
N78-3700-3800	30	20	CP-16QAM	M	Outer_Full	18.132	19.640	PASS
N78-3700-3800	30	20	CP-64QAM	M	Outer_Full	18.171	19.280	PASS
N78-3700-3800	30	20	CP-256QAM	M	Outer_Full	18.18	19.320	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Outer_Full	26.806	28.440	PASS
N78-3700-3800	30	30	DFT-PI2BPSK	M	Outer_Full	26.722	28.020	PASS
N78-3700-3800	30	30	DFT-16QAM	M	Outer_Full	26.758	28.020	PASS



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N78-3700-3800	30	30	DFT-64QAM	M	Outer_Full	26.703	28.260	PASS
N78-3700-3800	30	30	DFT-256QAM	M	Outer_Full	26.752	28.080	PASS
N78-3700-3800	30	30	CP-QPSK	M	Outer_Full	27.961	29.280	PASS
N78-3700-3800	30	30	CP-16QAM	M	Outer_Full	27.883	29.220	PASS
N78-3700-3800	30	30	CP-64QAM	M	Outer_Full	27.83	29.460	PASS
N78-3700-3800	30	30	CP-256QAM	M	Outer_Full	27.835	29.280	PASS
N78-3700-3800	30	40	DFT-QPSK	M	Outer_Full	35.703	37.600	PASS
N78-3700-3800	30	40	DFT-PI2BPSK	M	Outer_Full	35.71	38.080	PASS
N78-3700-3800	30	40	DFT-16QAM	M	Outer_Full	35.605	37.120	PASS
N78-3700-3800	30	40	DFT-64QAM	M	Outer_Full	35.791	37.680	PASS
N78-3700-3800	30	40	DFT-256QAM	M	Outer_Full	35.77	37.600	PASS
N78-3700-3800	30	40	CP-QPSK	M	Outer_Full	37.824	39.840	PASS
N78-3700-3800	30	40	CP-16QAM	M	Outer_Full	37.805	39.440	PASS
N78-3700-3800	30	40	CP-64QAM	M	Outer_Full	37.848	39.520	PASS
N78-3700-3800	30	40	CP-256QAM	M	Outer_Full	37.82	39.600	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Outer_Full	45.742	47.800	PASS
N78-3700-3800	30	50	DFT-PI2BPSK	M	Outer_Full	45.642	47.700	PASS
N78-3700-3800	30	50	DFT-16QAM	M	Outer_Full	45.789	47.600	PASS
N78-3700-3800	30	50	DFT-64QAM	M	Outer_Full	45.794	47.700	PASS
N78-3700-3800	30	50	DFT-256QAM	M	Outer_Full	45.73	47.400	PASS
N78-3700-3800	30	50	CP-QPSK	M	Outer_Full	47.496	49.500	PASS
N78-3700-3800	30	50	CP-16QAM	M	Outer_Full	47.394	49.600	PASS
N78-3700-3800	30	50	CP-64QAM	M	Outer_Full	47.381	49.600	PASS
N78-3700-3800	30	50	CP-256QAM	M	Outer_Full	47.438	49.000	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Outer_Full	57.829	59.880	PASS
N78-3700-3800	30	60	DFT-PI2BPSK	M	Outer_Full	57.855	59.880	PASS
N78-3700-3800	30	60	DFT-16QAM	M	Outer_Full	57.921	59.880	PASS
N78-3700-3800	30	60	DFT-64QAM	M	Outer_Full	57.837	59.640	PASS
N78-3700-3800	30	60	DFT-256QAM	M	Outer_Full	57.811	59.640	PASS
N78-3700-3800	30	60	CP-QPSK	M	Outer_Full	57.607	60.120	PASS
N78-3700-3800	30	60	CP-16QAM	M	Outer_Full	57.678	60.120	PASS
N78-3700-3800	30	60	CP-64QAM	M	Outer_Full	57.738	60.240	PASS
N78-3700-3800	30	60	CP-256QAM	M	Outer_Full	57.87	59.640	PASS
N78-3700-3800	30	70	DFT-QPSK	M	Outer_Full	64.111	67.060	PASS
N78-3700-3800	30	70	DFT-PI2BPSK	M	Outer_Full	64.061	66.640	PASS
N78-3700-3800	30	70	DFT-16QAM	M	Outer_Full	64.104	66.220	PASS
N78-3700-3800	30	70	DFT-64QAM	M	Outer_Full	64.185	66.360	PASS



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N78-3700-3800	30	70	DFT-256QAM	M	Outer_Full	64.399	66.500	PASS
N78-3700-3800	30	70	CP-QPSK	M	Outer_Full	67.334	69.860	PASS
N78-3700-3800	30	70	CP-16QAM	M	Outer_Full	67.508	69.300	PASS
N78-3700-3800	30	70	CP-64QAM	M	Outer_Full	67.335	69.440	PASS
N78-3700-3800	30	70	CP-256QAM	M	Outer_Full	67.379	69.580	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Outer_Full	77.012	80.320	PASS
N78-3700-3800	30	80	DFT-PI2BPSK	M	Outer_Full	77.144	80.480	PASS
N78-3700-3800	30	80	DFT-16QAM	M	Outer_Full	77.112	80.320	PASS
N78-3700-3800	30	80	DFT-64QAM	M	Outer_Full	77.011	80.480	PASS
N78-3700-3800	30	80	DFT-256QAM	M	Outer_Full	76.89	80.480	PASS
N78-3700-3800	30	80	CP-QPSK	M	Outer_Full	77.577	80.640	PASS
N78-3700-3800	30	80	CP-16QAM	M	Outer_Full	77.383	80.480	PASS
N78-3700-3800	30	80	CP-64QAM	M	Outer_Full	77.413	80.480	PASS
N78-3700-3800	30	80	CP-256QAM	M	Outer_Full	77.319	80.640	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Outer_Full	85.469	89.100	PASS
N78-3700-3800	30	90	DFT-PI2BPSK	M	Outer_Full	85.66	88.920	PASS
N78-3700-3800	30	90	DFT-16QAM	M	Outer_Full	85.665	89.100	PASS
N78-3700-3800	30	90	DFT-64QAM	M	Outer_Full	85.452	88.920	PASS
N78-3700-3800	30	90	DFT-256QAM	M	Outer_Full	85.679	88.740	PASS
N78-3700-3800	30	90	CP-QPSK	M	Outer_Full	87.563	90.720	PASS
N78-3700-3800	30	90	CP-16QAM	M	Outer_Full	87.27	90.900	PASS
N78-3700-3800	30	90	CP-64QAM	M	Outer_Full	87.485	90.900	PASS
N78-3700-3800	30	90	CP-256QAM	M	Outer_Full	87.203	90.900	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	96.338	99.800	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	96.193	99.800	PASS
N78-3700-3800	30	100	DFT-16QAM	M	Outer_Full	96.294	99.800	PASS
N78-3700-3800	30	100	DFT-64QAM	M	Outer_Full	96.303	99.800	PASS
N78-3700-3800	30	100	DFT-256QAM	M	Outer_Full	96.503	99.800	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	97.002	101.000	PASS
N78-3700-3800	30	100	CP-16QAM	M	Outer_Full	97.239	100.800	PASS
N78-3700-3800	30	100	CP-64QAM	M	Outer_Full	97.249	101.000	PASS
N78-3700-3800	30	100	CP-256QAM	M	Outer_Full	97.422	101.000	PASS



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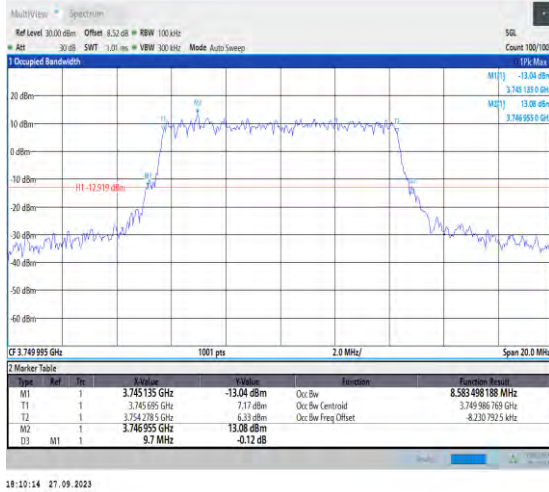
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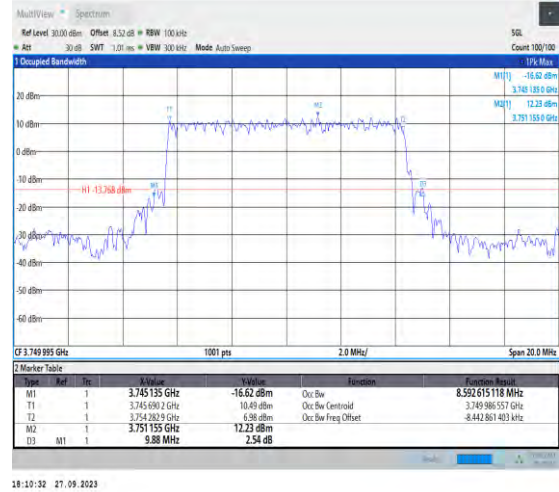
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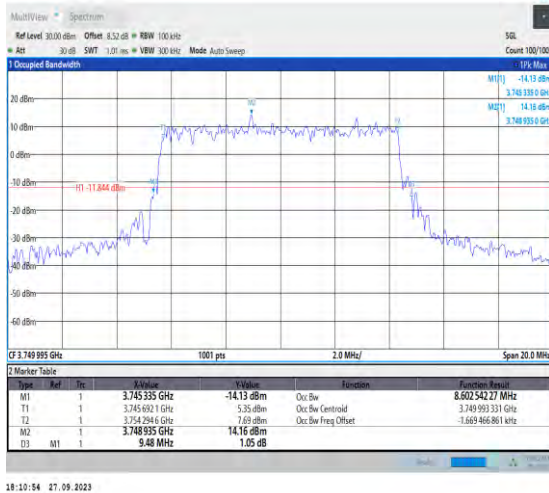
Test Graphs



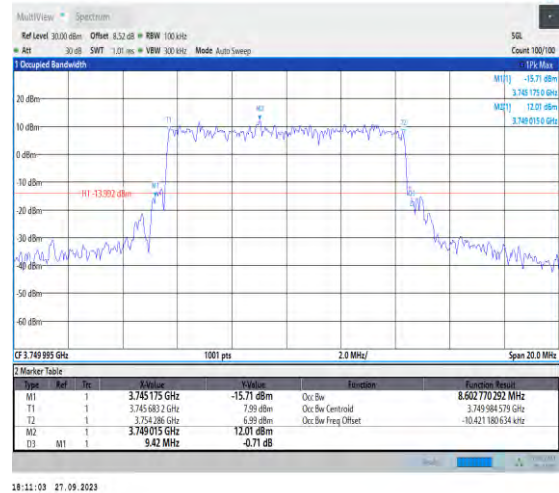
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1-N78-3700-3800-PC2-30-10-M-2-DFT-PI2BPSK-Ou ter_Full-24@0-Ant7-8.593-9.880-≤10-PASS



1-N78-3700-3800-PC2-30-10-M-3-DFT-16QAM-Oute r_Full-24@0-Ant7-8.603-9.480-≤10-PASS



1-N78-3700-3800-PC2-30-10-M-4-DFT-64QAM-Oute r_Full-24@0-Ant7-8.603-9.420-≤10-PASS



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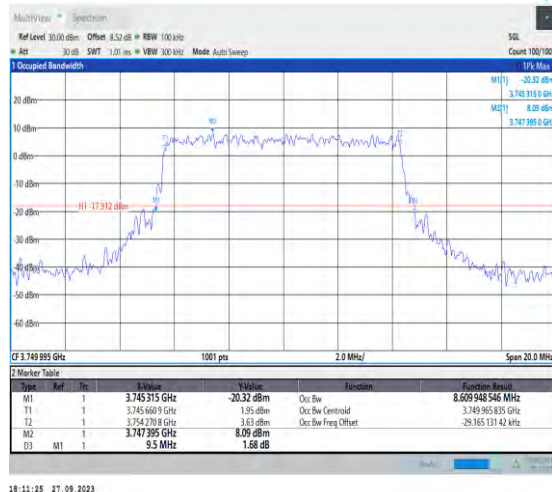
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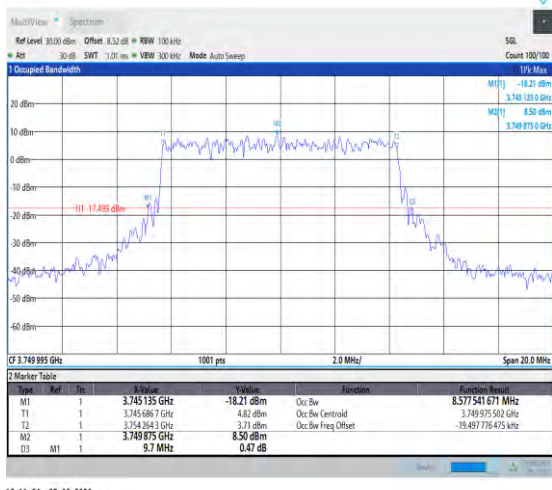
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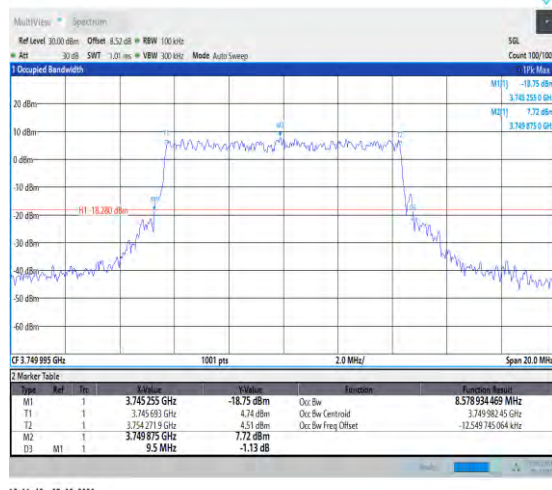
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18:11:34 27.09.2023

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1-N78-3700-3800-PC2-30-10-M-8-CP-64QAM-Outer
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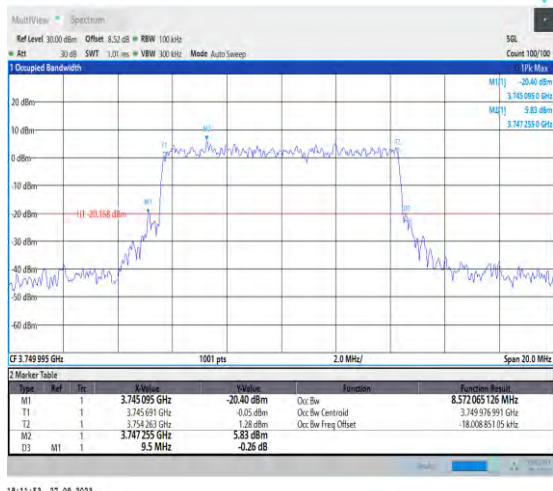
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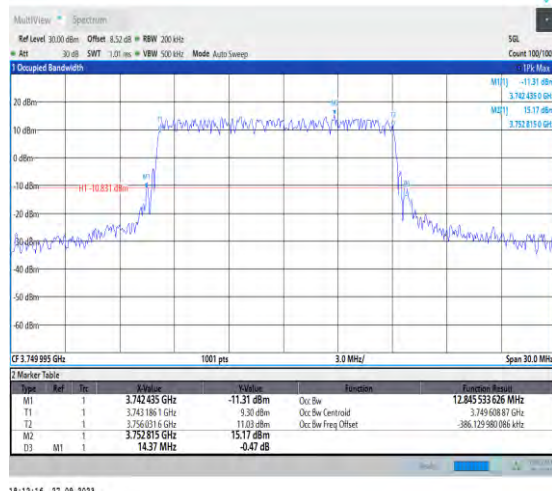
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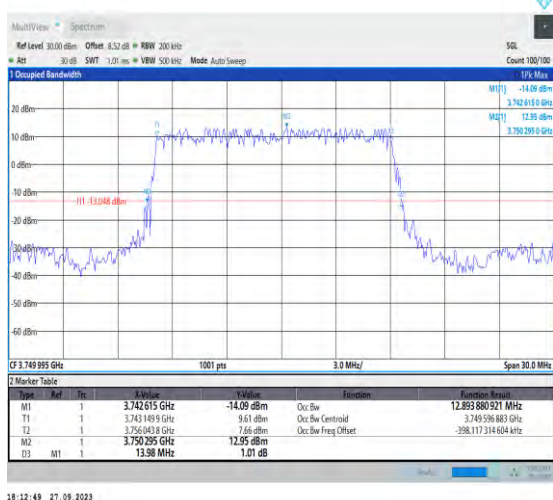
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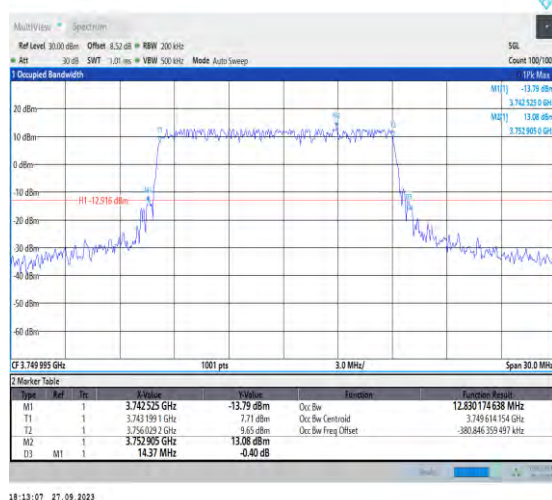
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1-N78-3700-3800-PC2-30-10-M-9-CP-256QAM-Out
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1-N78-3700-3800-PC2-30-15-M-1-DFT-QPSK-Outer
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18:12:49 27.09.2023



18:13:07 27.09.2023

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1-N78-3700-3800-PC2-30-15-M-3-DFT-16QAM-Outer
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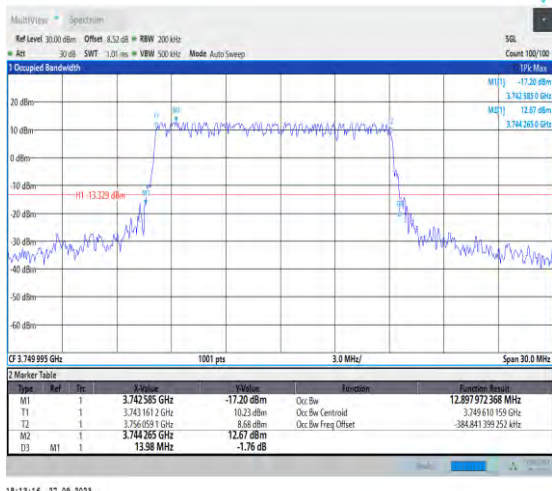
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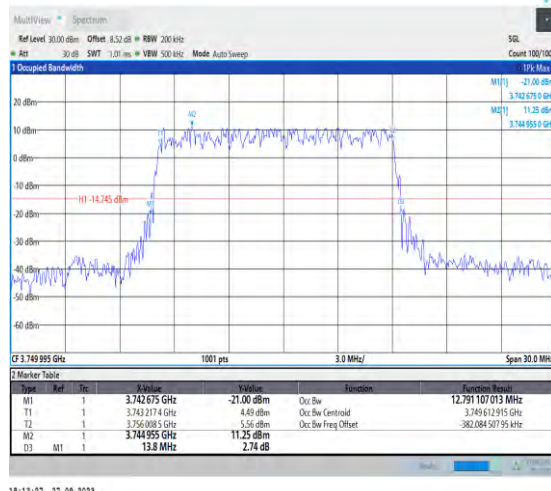
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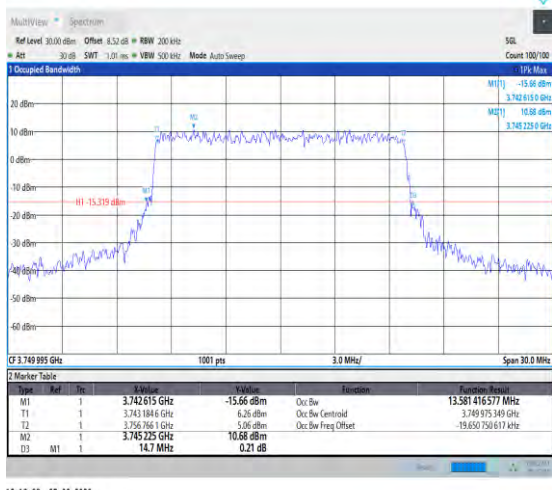
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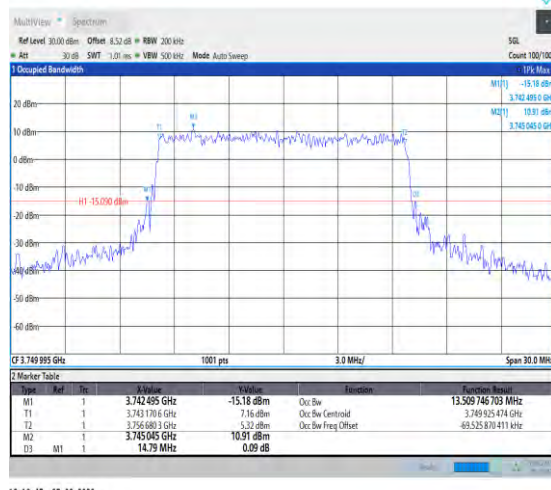
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18:13:38 27.09.2023

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18:13:47 27.09.2023

1-N78-3700-3800-PC2-30-15-M-7-CP-16QAM-Outer_Full-38@0-Ant7-13.51-14.790-≤15-PASS



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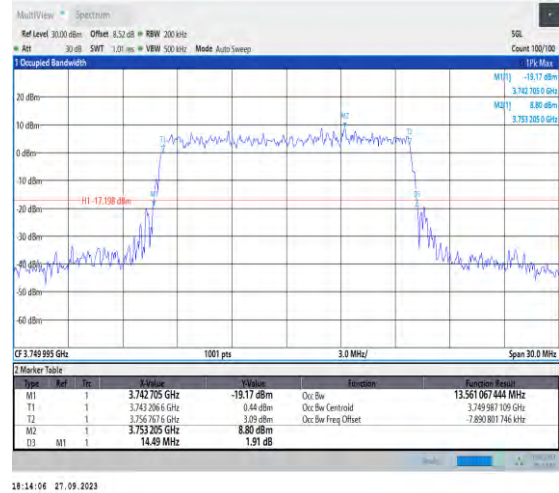
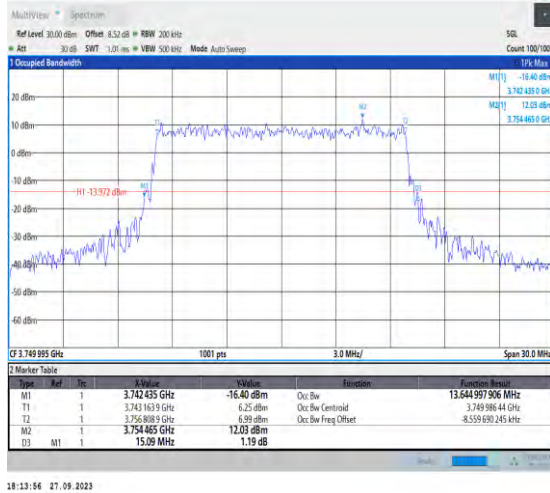
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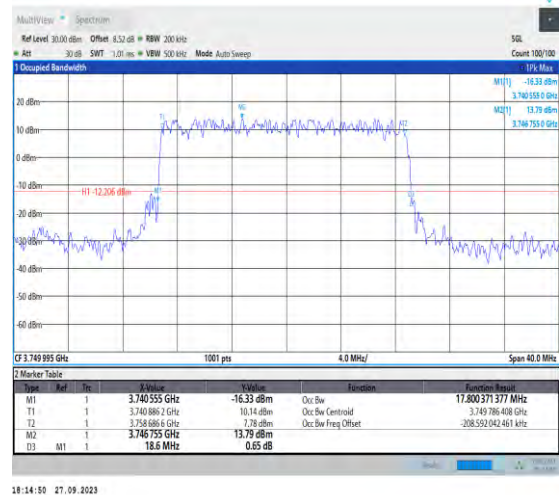
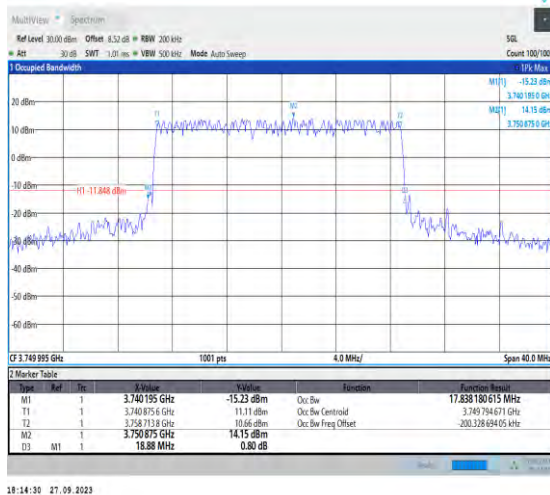
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1-N78-3700-3800-PC2-30-15-M-9-CP-256QAM-Outer_Full-38@0-Ant7-13.561-14.490-≤15-PASS



1-N78-3700-3800-PC2-30-20-M-1-DFT-QPSK-Outer_Full-50@0-Ant7-17.838-18.880-≤20-PASS

1-N78-3700-3800-PC2-30-20-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant7-17.8-18.600-≤20-PASS



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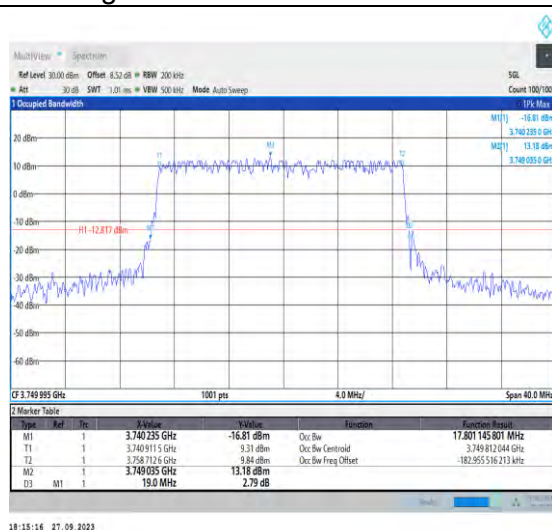
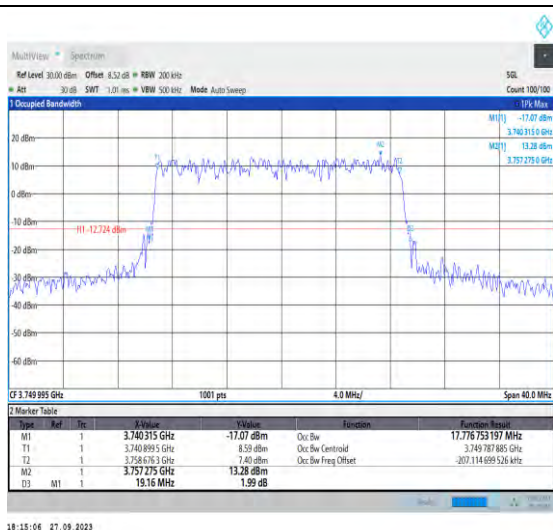
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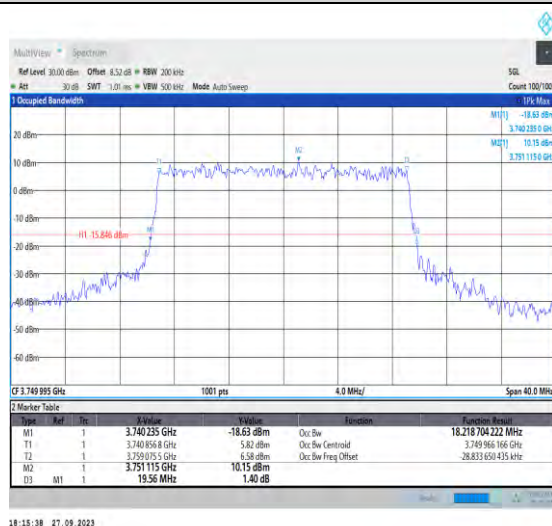
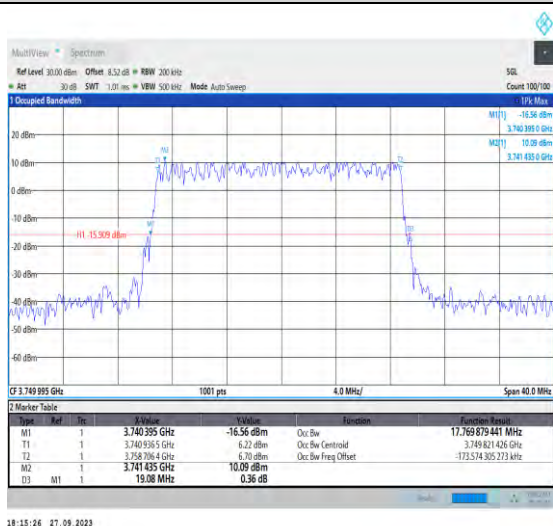
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1-N78-3700-3800-PC2-30-20-M-3-DFT-16QAM-Outer_Full-50@0-Ant7-17.777-19.160-≤20-PASS

1-N78-3700-3800-PC2-30-20-M-4-DFT-64QAM-Outer_Full-50@0-Ant7-17.801-19.000-≤20-PASS



1-N78-3700-3800-PC2-30-20-M-5-DFT-256QAM-Outer_Full-50@0-Ant7-17.77-19.080-≤20-PASS

1-N78-3700-3800-PC2-30-20-M-6-CP-QPSK-Outer_Full-51@0-Ant7-18.219-19.560-≤20-PASS



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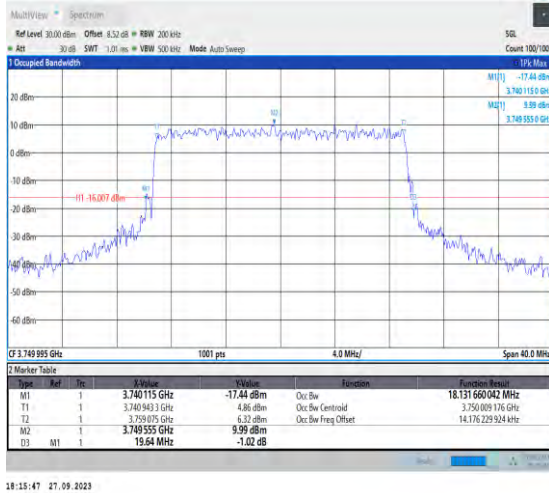
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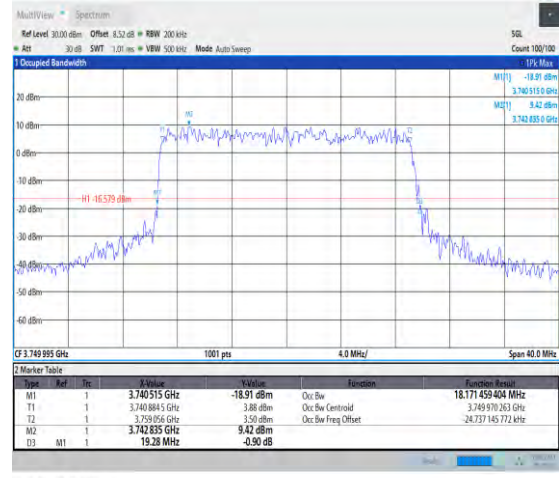
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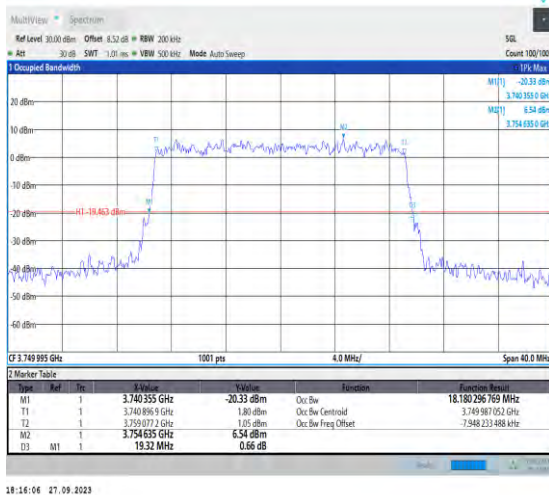
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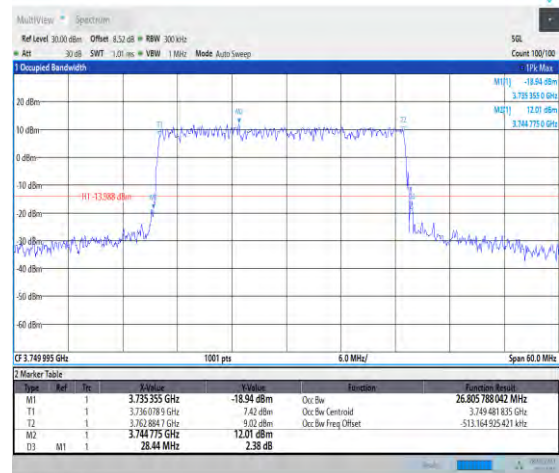
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18:57:36 28.09.2023

1-N78-3700-3800-PC2-30-30-M-1-DFT-QPSK-Outer_Full-75@0-Ant7-26.806-28.440-≤30-PASS



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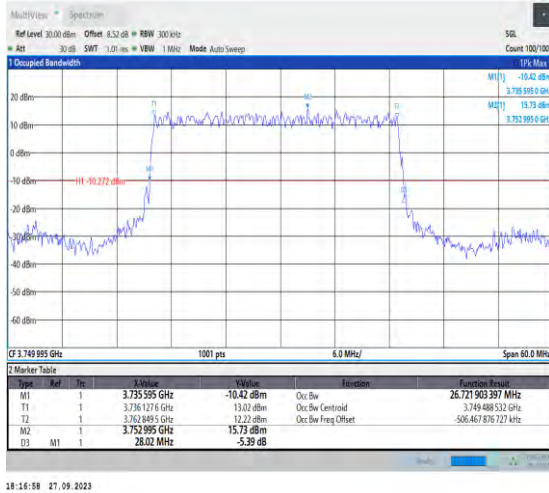
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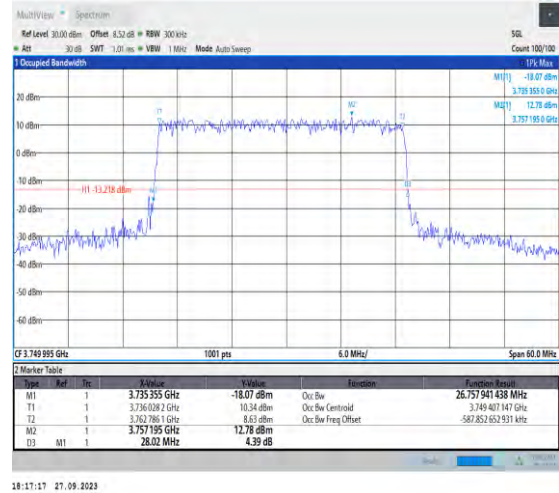
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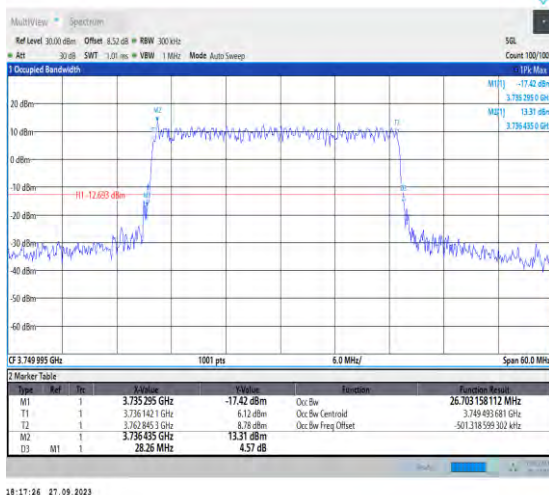
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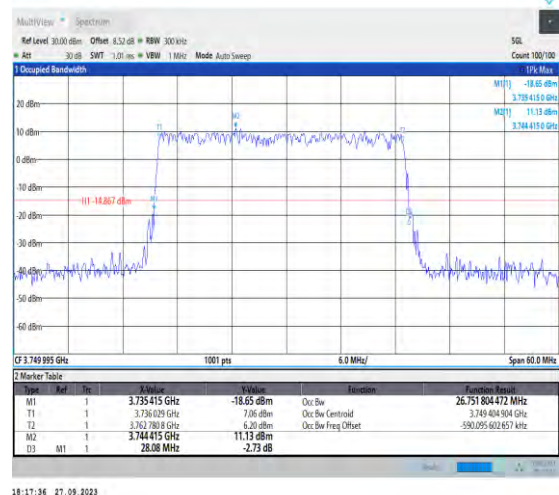
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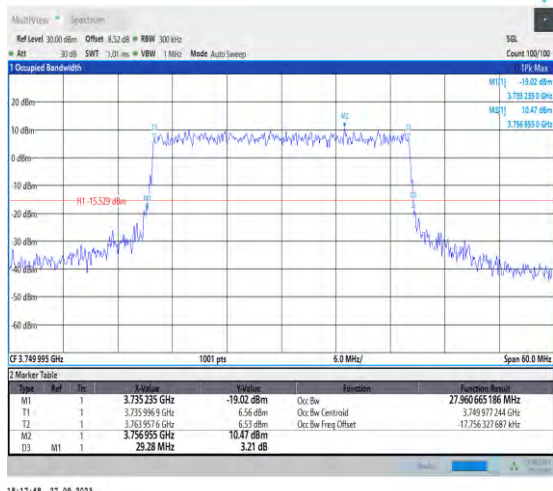
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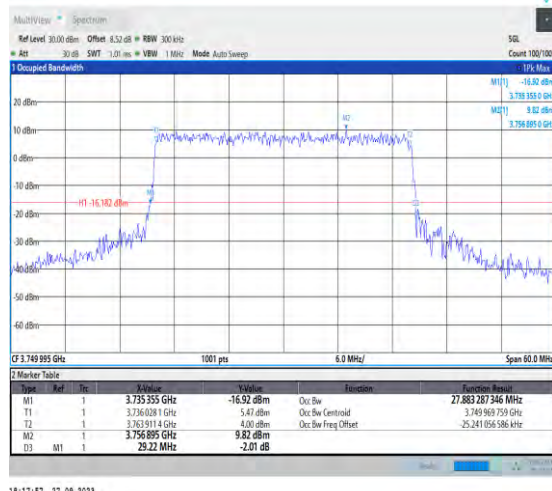
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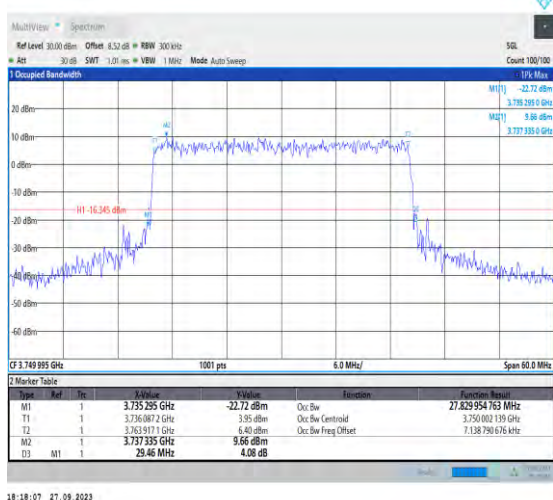
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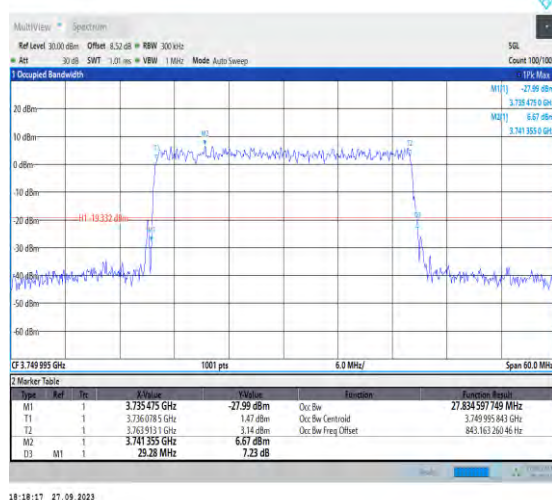
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18:18:17 27.09.2023

1-N78-3700-3800-PC2-30-30-M-9-CP-256QAM-Outer_Full-78@0-Ant7-27.835-29.280-≤30-PASS



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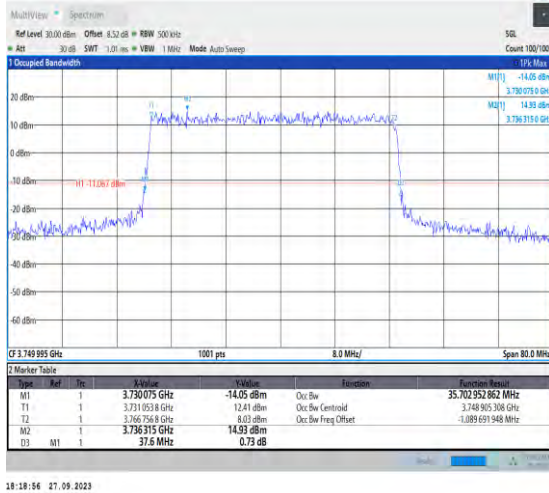
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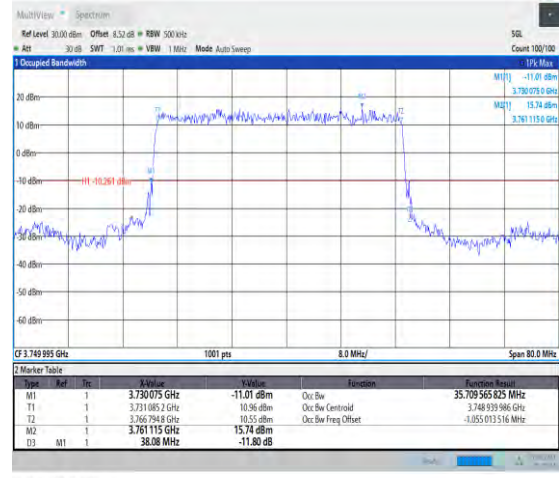
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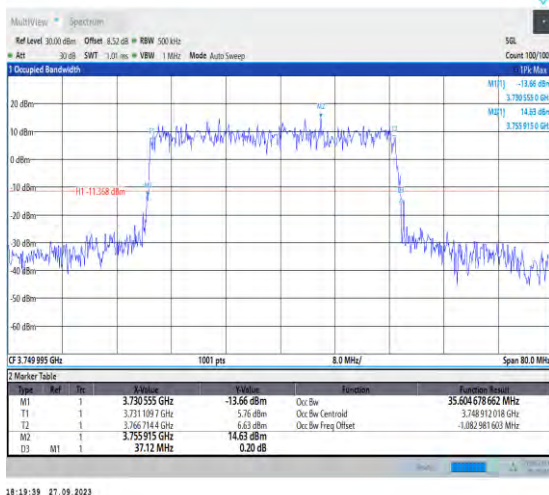
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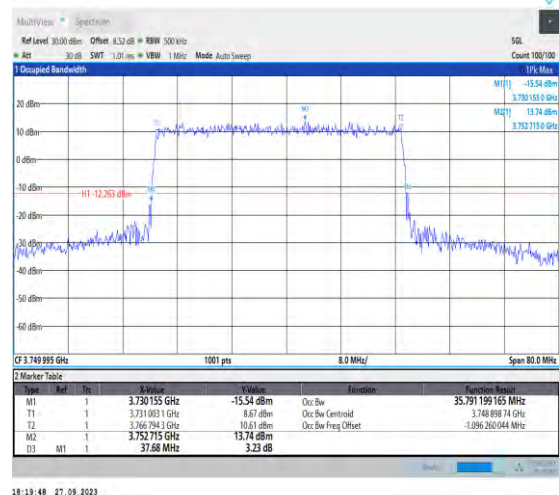
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1-N78-3700-3800-PC2-30-40-M-4-DFT-64QAM-Outer_Full-100@0-Ant7-35.791-37.680-≤40-PASS



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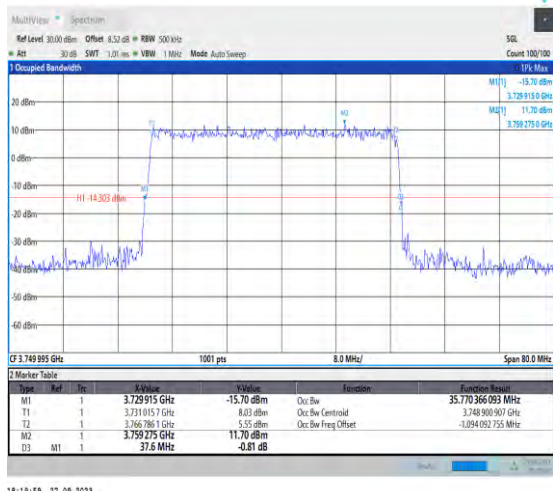
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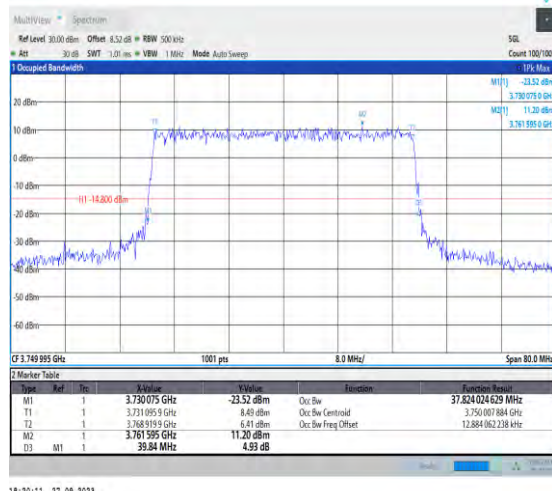
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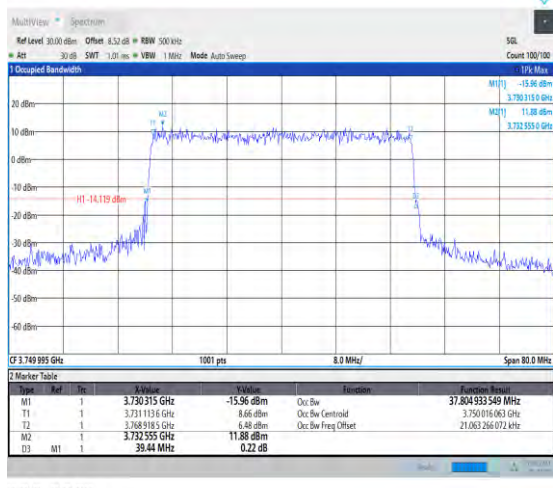
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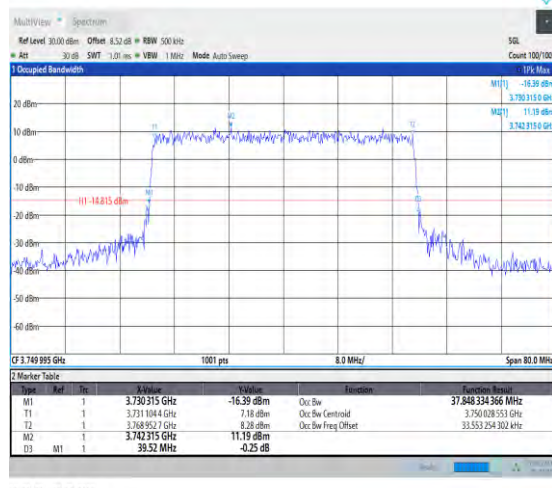
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18:20:20 27.09.2023

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18:20:29 27.09.2023

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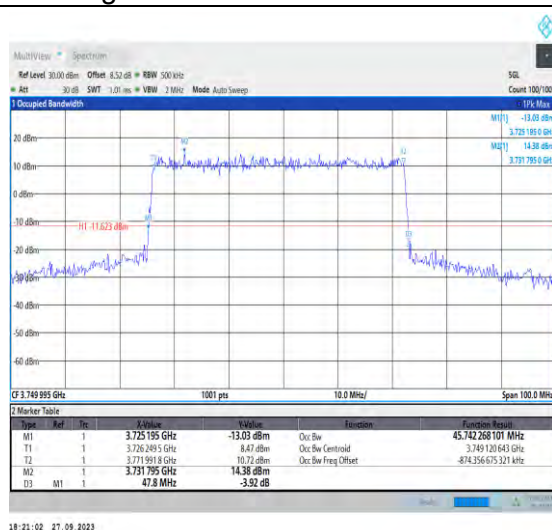
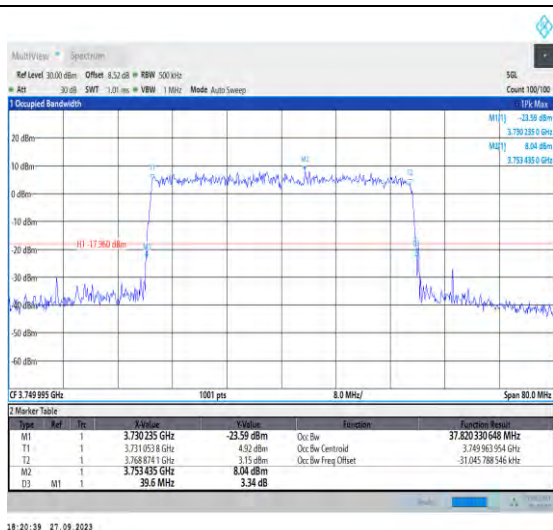
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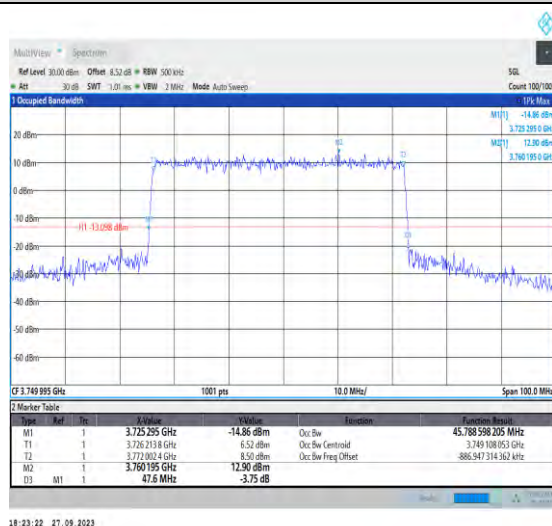
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1-N78-3700-3800-PC2-30-40-M-9-CP-256QAM-Out
er_Full-106@0-Ant7-37.82-39.600-≤40-PASS

1-N78-3700-3800-PC2-30-50-M-1-DFT-QPSK-Outer
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1-N78-3700-3800-PC2-30-50-M-2-DFT-PI2BPSK-Outer_Full-128@0-Ant7-45.642-47.700-≤50-PASS

1-N78-3700-3800-PC2-30-50-M-3-DFT-16QAM-Outer_Full-128@0-Ant7-45.789-47.600-≤50-PASS



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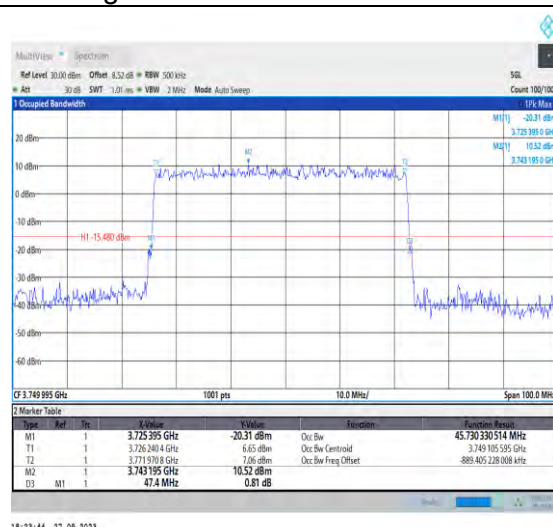
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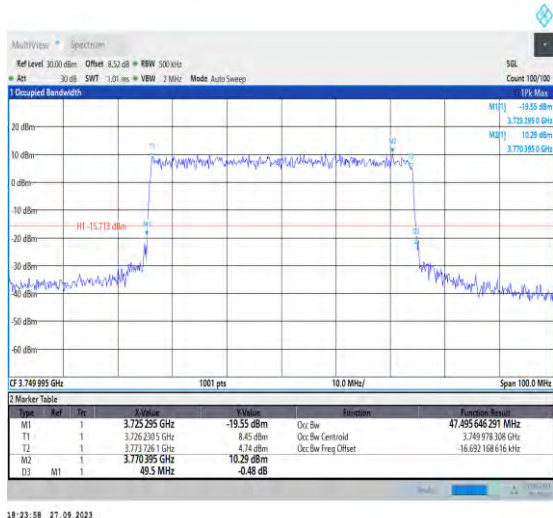
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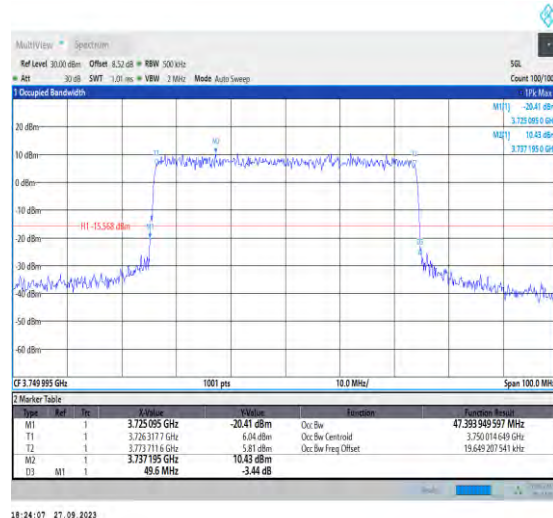
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18:23:58 27.09.2023

1-N78-3700-3800-PC2-30-50-M-6-CP-QPSK-Outer_Full-133@0-Ant7-47.496-49.500-≤50-PASS



18:24:07 27.09.2023

1-N78-3700-3800-PC2-30-50-M-7-CP-16QAM-Outer_Full-133@0-Ant7-47.394-49.600-≤50-PASS



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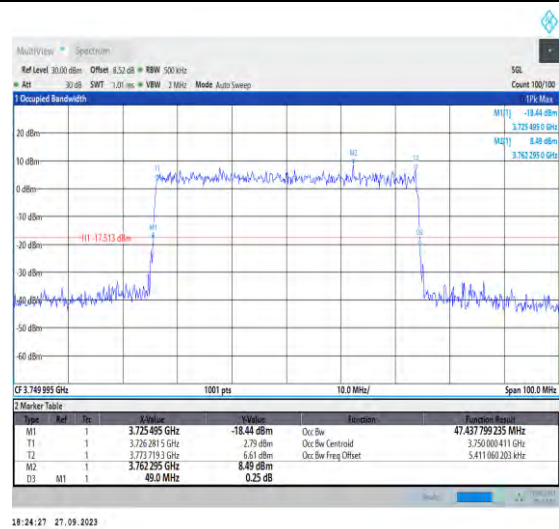
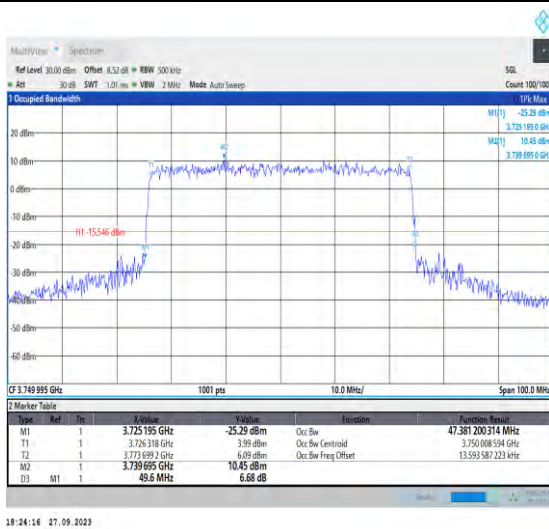
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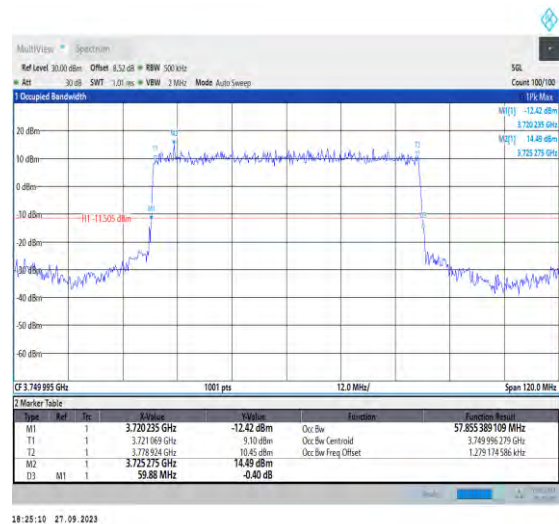
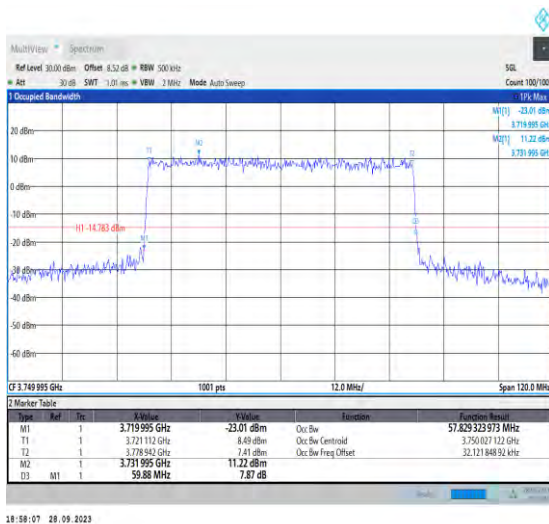
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1-N78-3700-3800-PC2-30-50-M-8-CP-64QAM-Outer_Full-133@0-Ant7-47.381-49.600-≤50-PASS

1-N78-3700-3800-PC2-30-50-M-9-CP-256QAM-Outer_Full-133@0-Ant7-47.438-49.000-≤50-PASS



1-N78-3700-3800-PC2-30-60-M-1-DFT-QPSK-Outer_Full-162@0-Ant7-57.829-59.880-≤60-PASS

1-N78-3700-3800-PC2-30-60-M-2-DFT-PI2BPSK-Outer_Full-162@0-Ant7-57.855-59.880-≤60-PASS



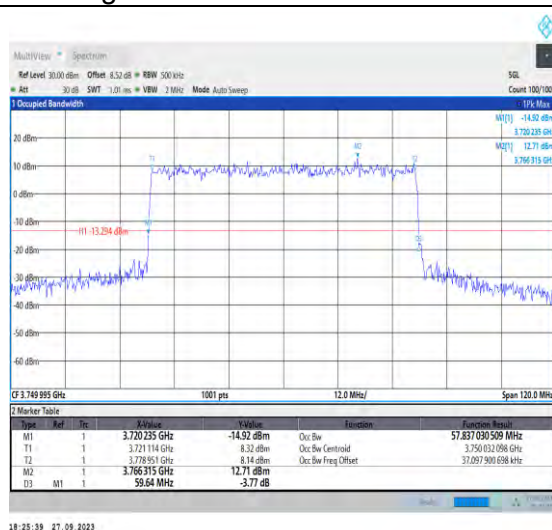
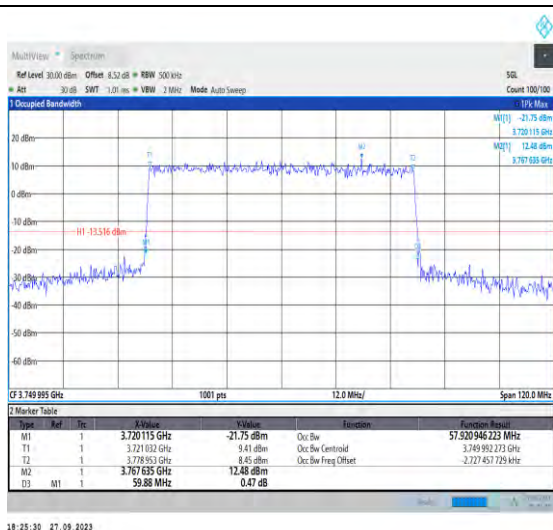
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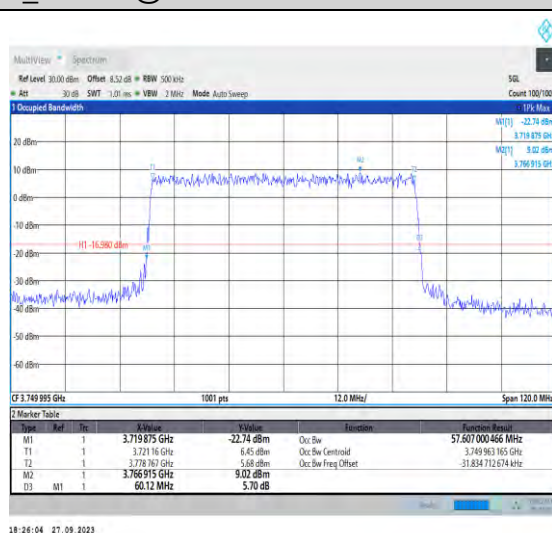
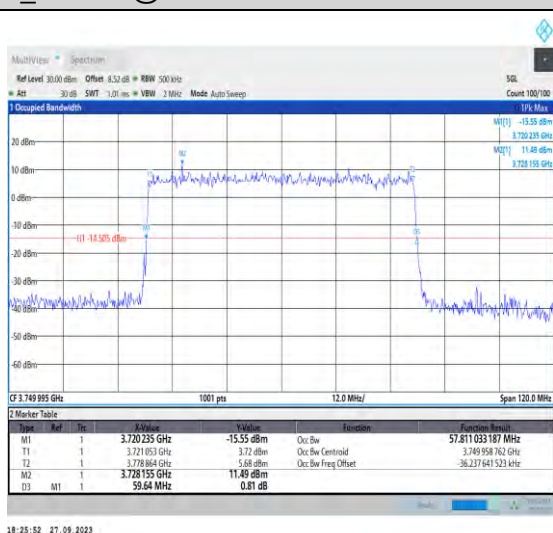
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1-N78-3700-3800-PC2-30-60-M-3-DFT-16QAM-Outer_Full-162@0-Ant7-57.921-59.880-≤60-PASS

1-N78-3700-3800-PC2-30-60-M-4-DFT-64QAM-Outer_Full-162@0-Ant7-57.837-59.640-≤60-PASS



1-N78-3700-3800-PC2-30-60-M-5-DFT-256QAM-Outer_Full-162@0-Ant7-57.811-59.640-≤60-PASS

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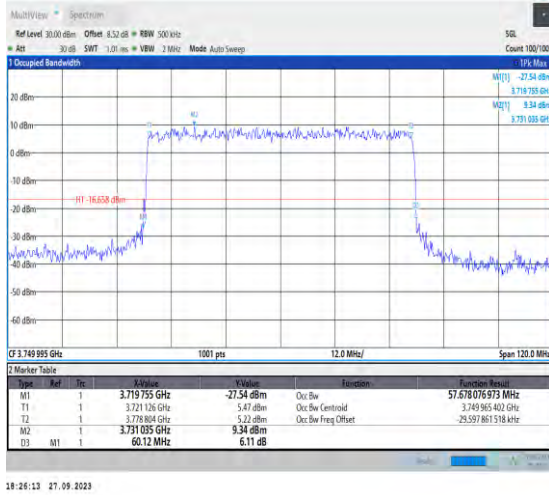
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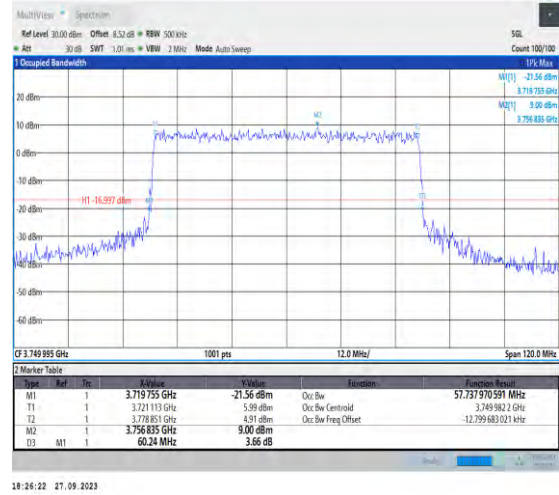
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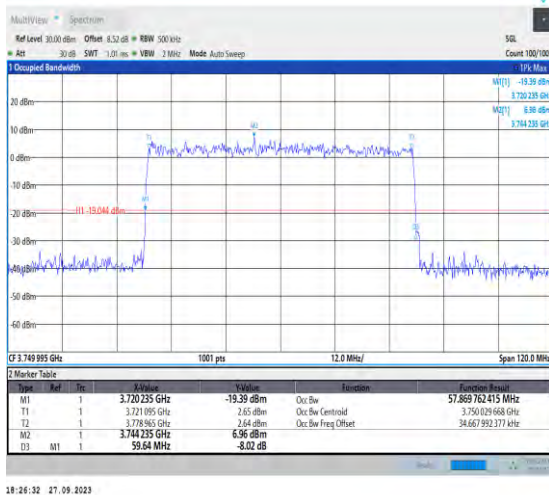
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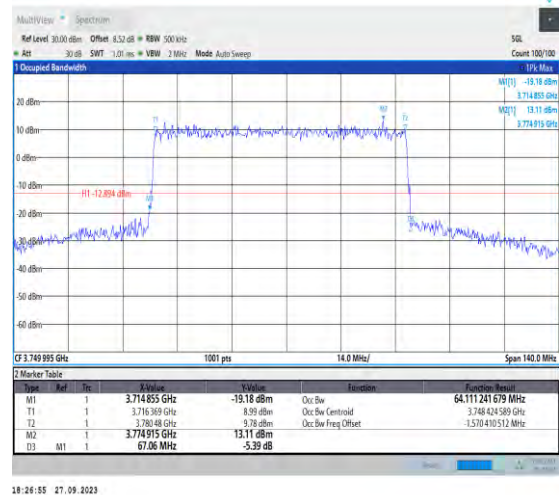
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1-N78-3700-3800-PC2-30-60-M-8-CP-64QAM-Outer_Full-162@0-Ant7-57.738-60.240-≤60-PASS



18:26:32 27.09.2023



18:26:55 27.09.2023

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1-N78-3700-3800-PC2-30-70-M-1-DFT-QPSK-Outer_Full-180@0-Ant7-64.111-67.060-≤70-PASS



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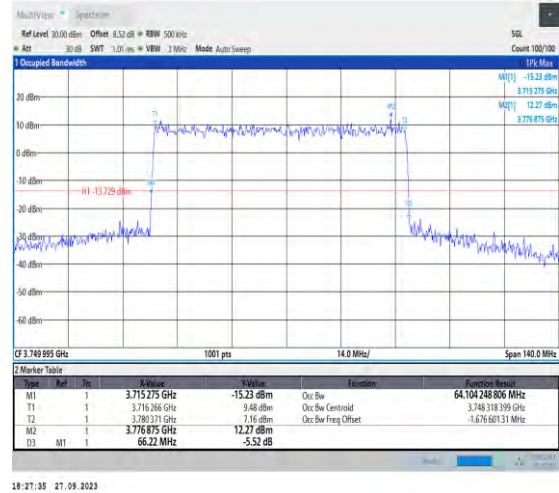
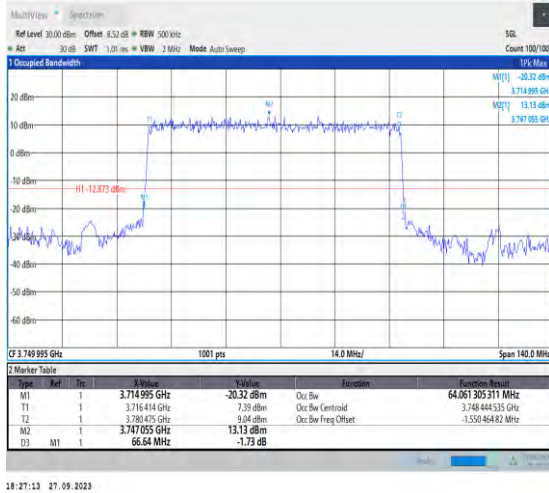
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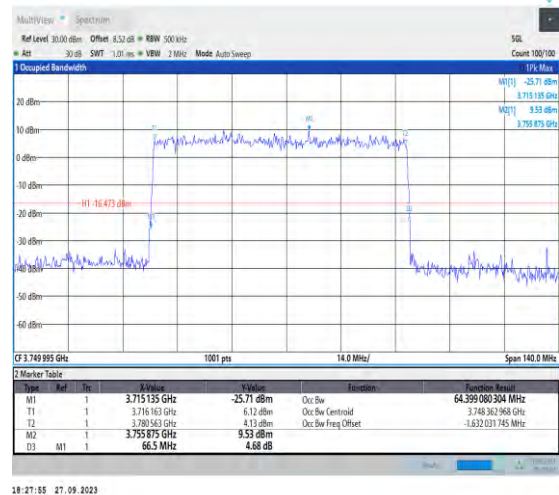
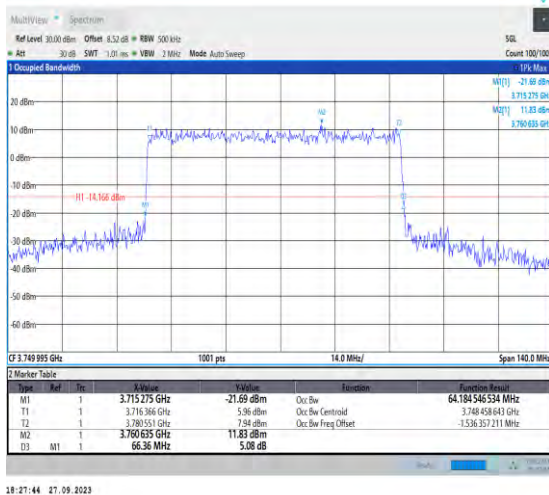
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1-N78-3700-3800-PC2-30-70-M-3-DFT-16QAM-Outer_Full-180@0-Ant7-64.104-66.220-≤70-PASS



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1-N78-3700-3800-PC2-30-70-M-5-DFT-256QAM-Outer_Full-180@0-Ant7-64.399-66.500-≤70-PASS



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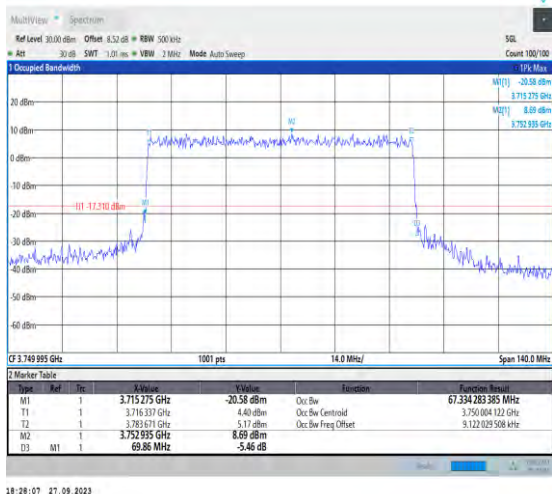
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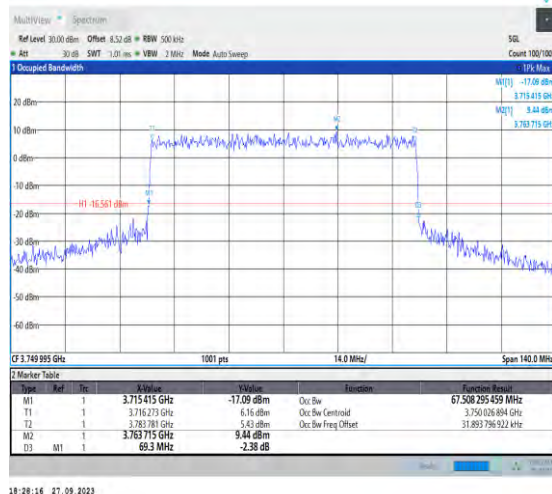
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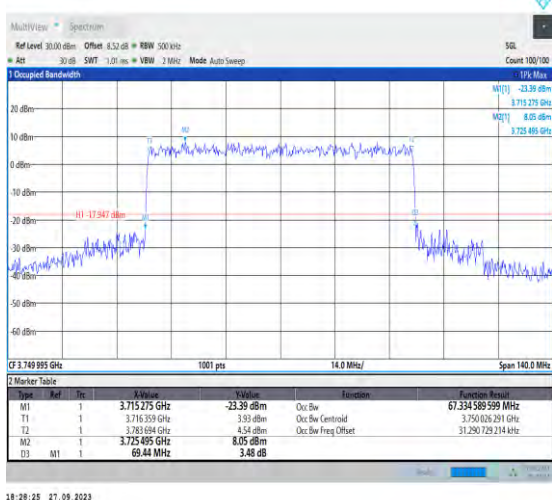
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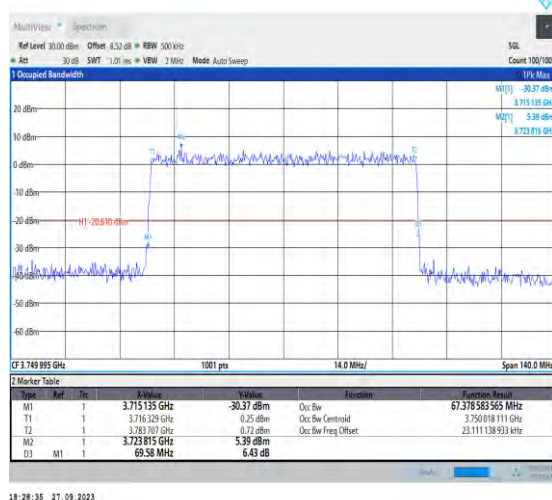
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18:28:25 27.09.2023

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18:28:35 27.09.2023

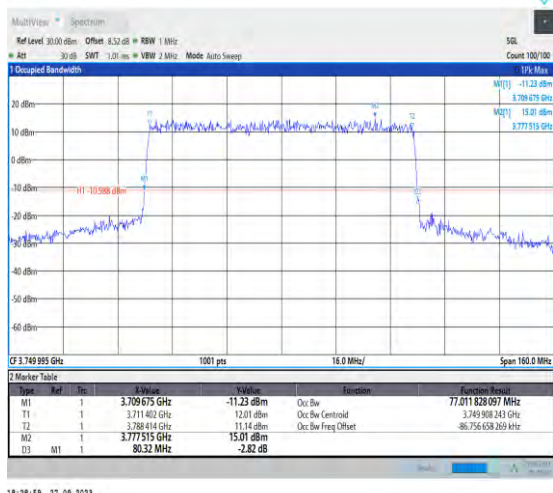
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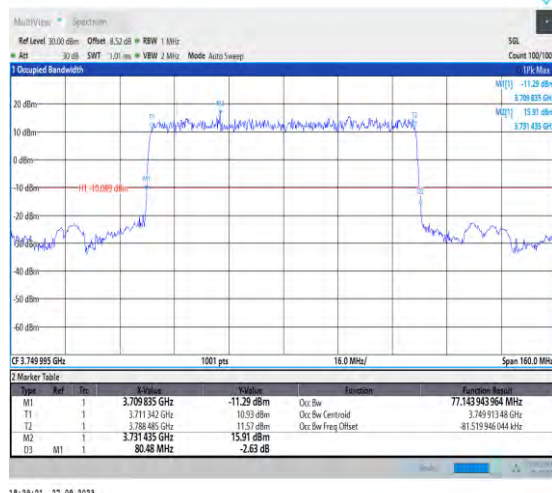
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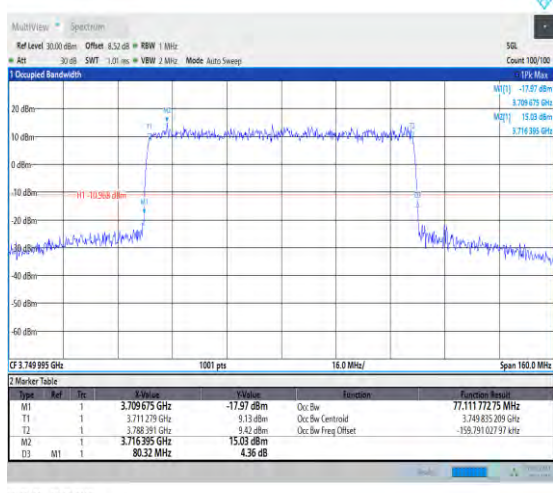
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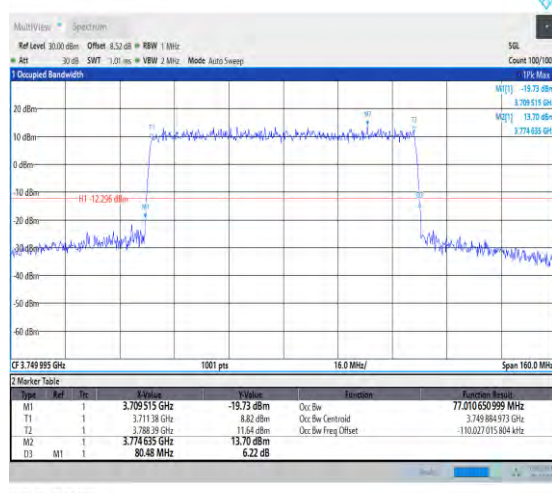
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18:31:22 27.09.2023

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18:31:31 27.09.2023

1-N78-3700-3800-PC2-30-80-M-4-DFT-64QAM-Outer_Full-216@0-Ant7-77.011-80.480-≤80-PASS



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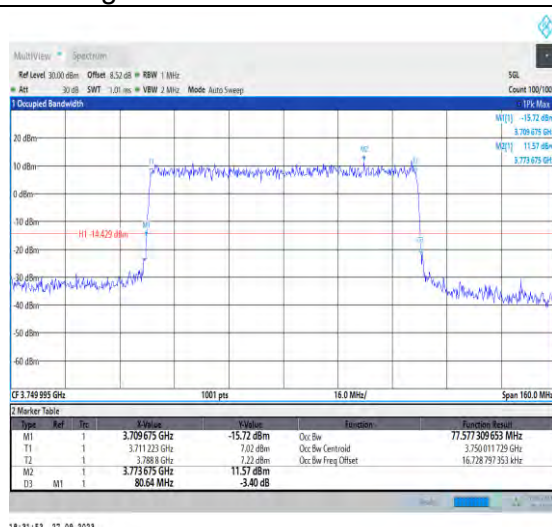
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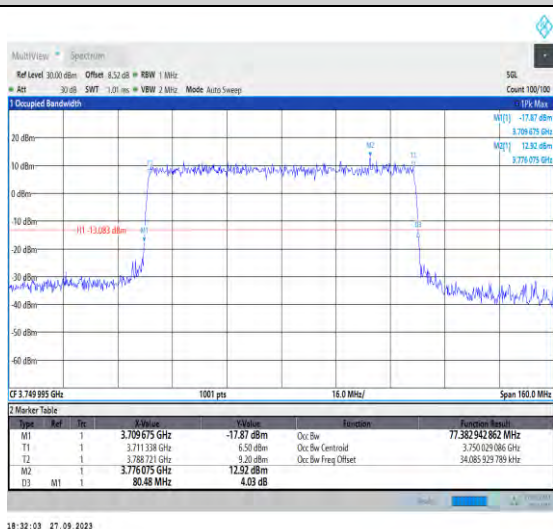
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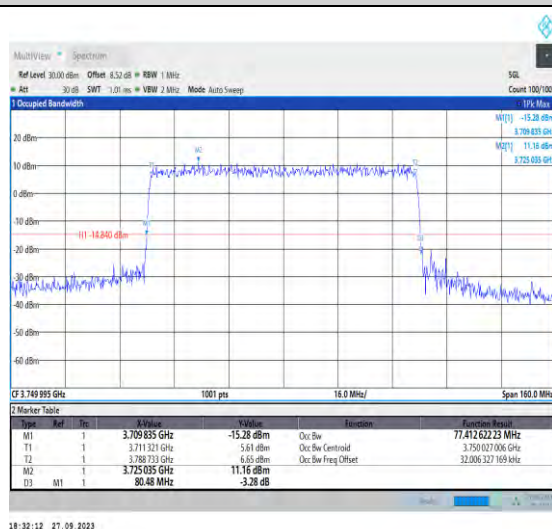
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18:32:12 27.09.2023

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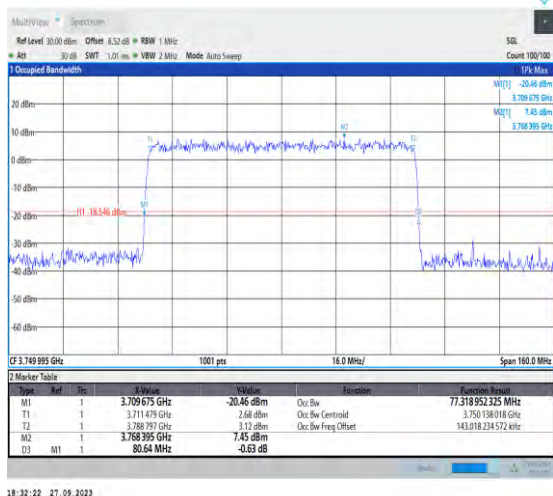
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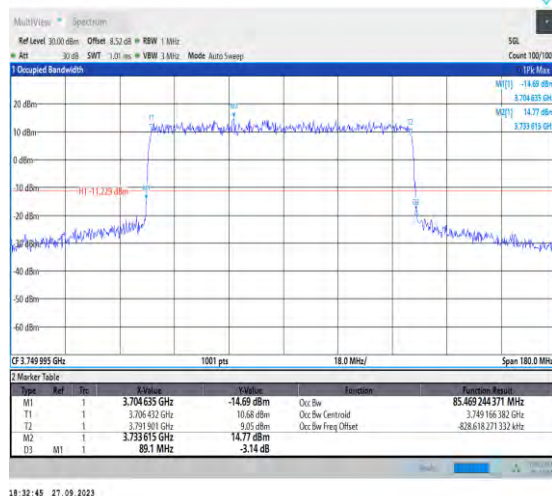
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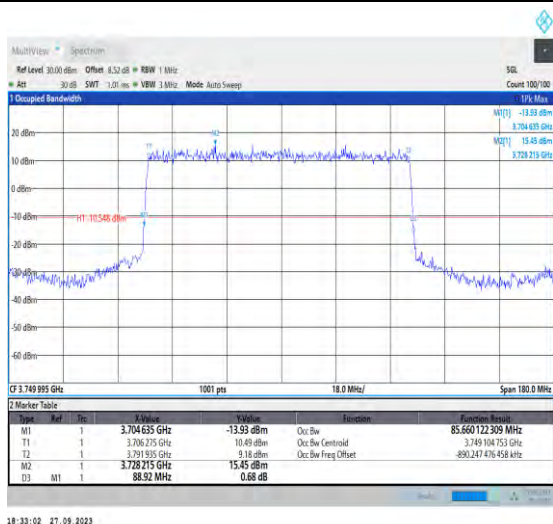
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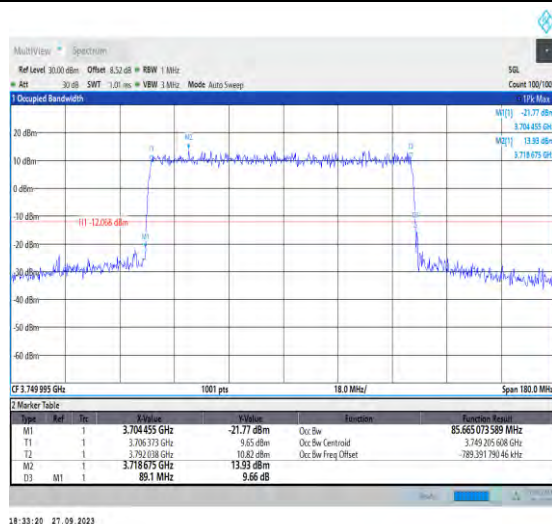
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1-N78-3700-3800-PC2-30-90-M-1-DFT-QPSK-Outer_Full-240@0-Ant7-85.469-89.100-≤90-PASS



18:33:02 27.09.2023



18:33:20 27.09.2023

1-N78-3700-3800-PC2-30-90-M-2-DFT-PI2BPSK-Outer_Full-240@0-Ant7-85.66-88.920-≤90-PASS

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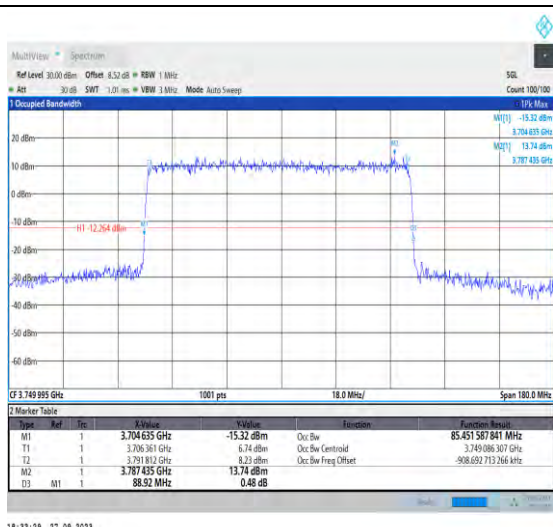
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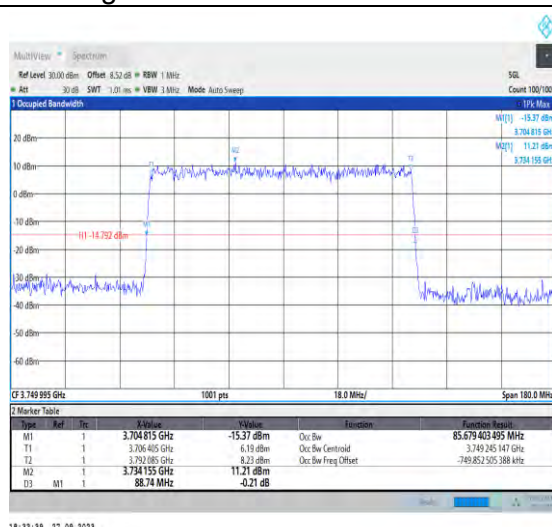
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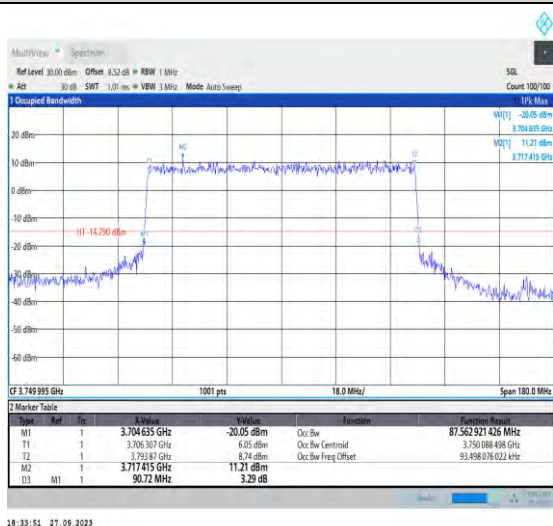
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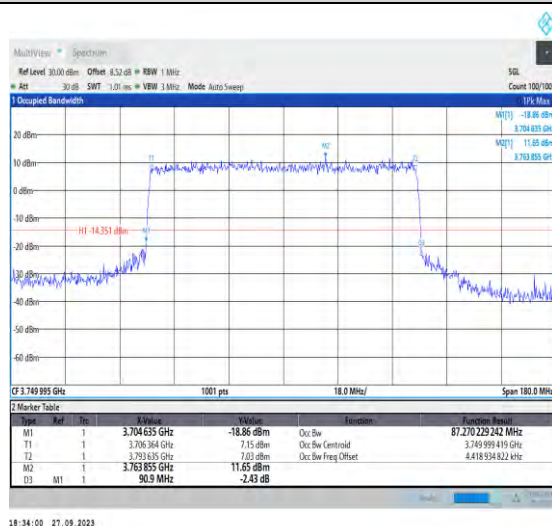
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18:33:51 27.09.2023

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18:34:00 27.09.2023

1-N78-3700-3800-PC2-30-90-M-7-CP-16QAM-Outer_Full-245@0-Ant7-87.27-90.900-≤90-PASS



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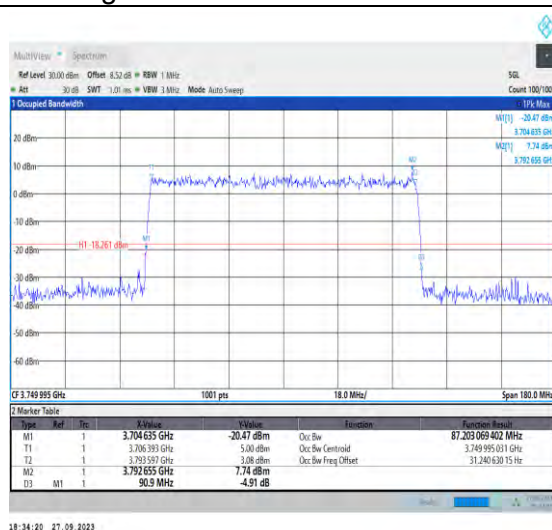
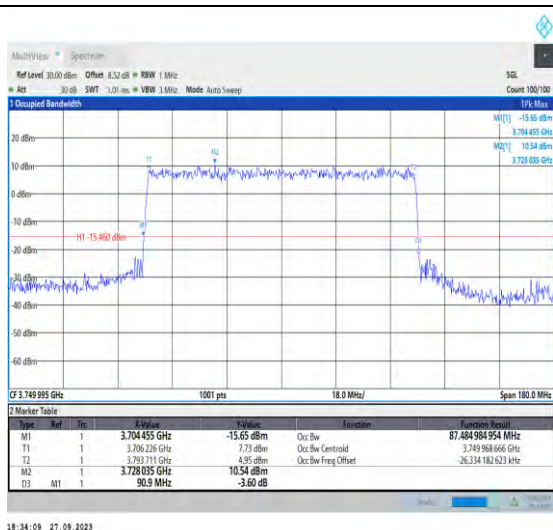
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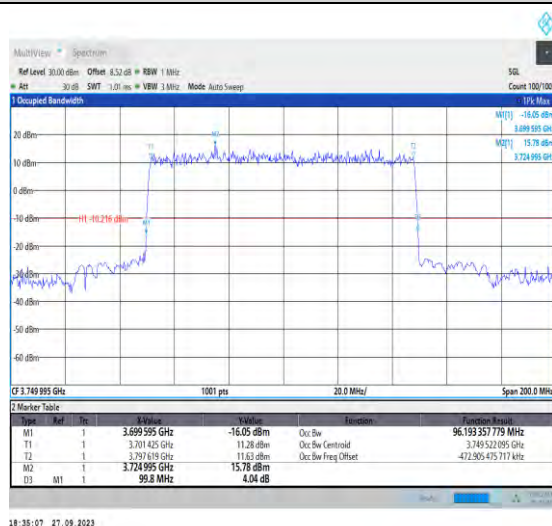
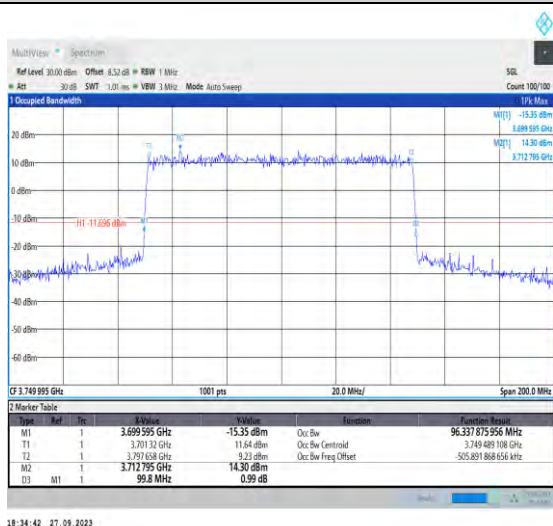
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1-N78-3700-3800-PC2-30-90-M-9-CP-256QAM-Outer_Full-245@0-Ant7-87.203-90.900-≤90-PASS



1-N78-3700-3800-PC2-30-100-M-1-DFT-QPSK-Outer_Full-270@0-Ant7-96.338-99.800-≤100-PASS

1-N78-3700-3800-PC2-30-100-M-2-DFT-PI2BPSK-Outer_Full-270@0-Ant7-96.193-99.800-≤100-PASS



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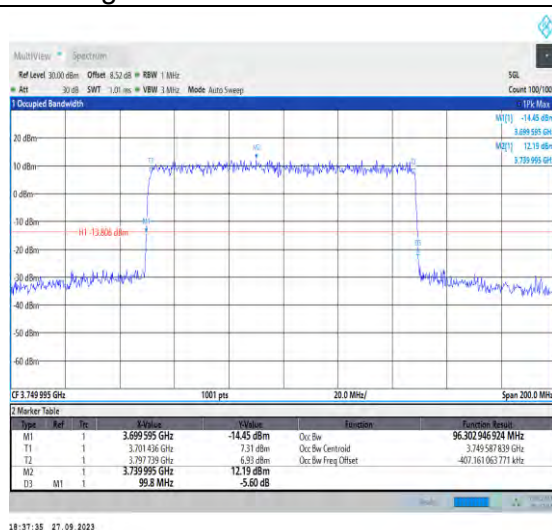
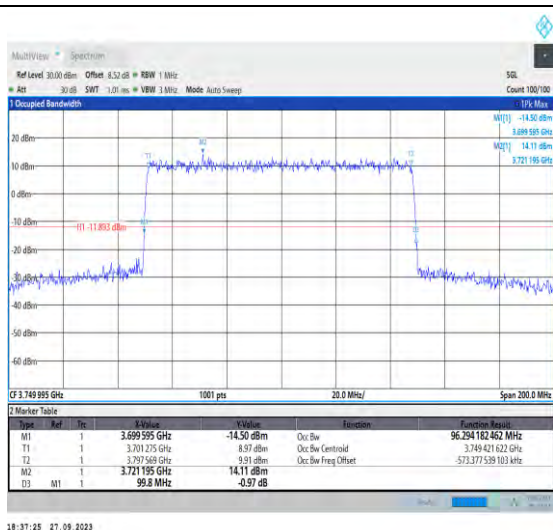
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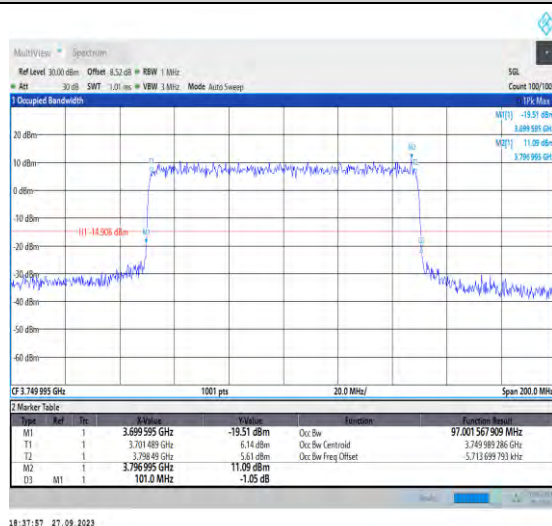
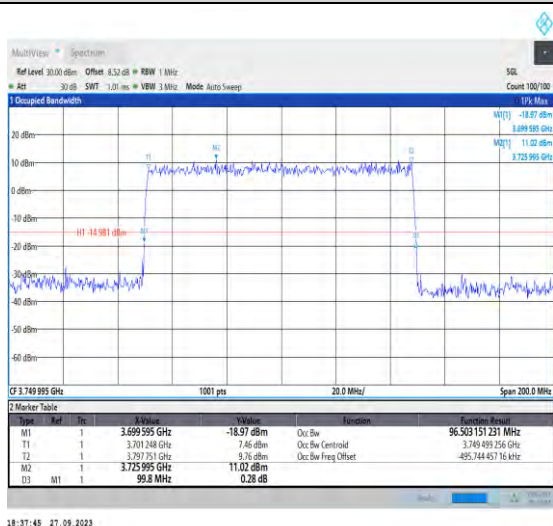
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1-N78-3700-3800-PC2-30-100-M-4-DFT-64QAM-Out er_Full-270@0-Ant7-96.303-99.800-≤100-PASS



1-N78-3700-3800-PC2-30-100-M-5-DFT-256QAM-Out er_Full-270@0-Ant7-96.503-99.800-≤100-PASS

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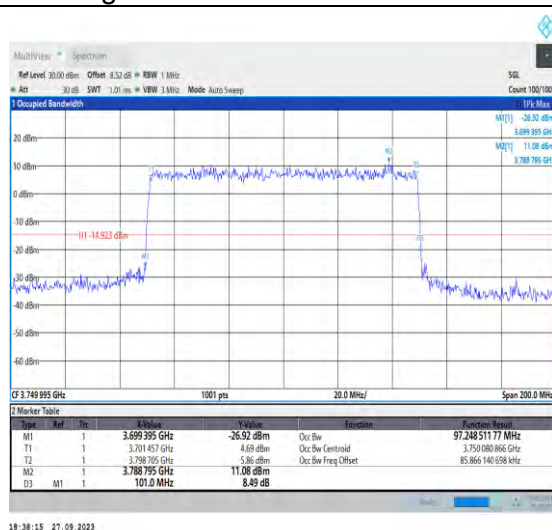
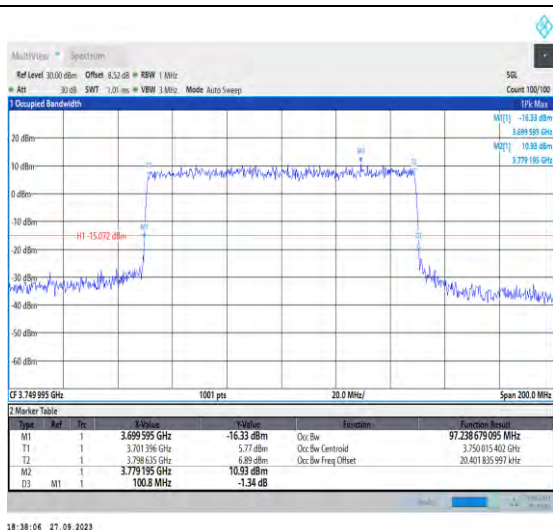
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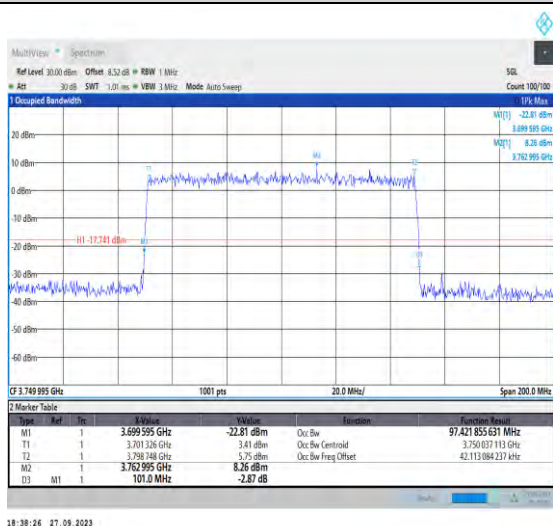
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1-N78-3700-3800-PC2-30-100-M-8-CP-64QAM-Out
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1-N78-3700-3800-PC2-30-100-M-9-CP-256QAM-Out
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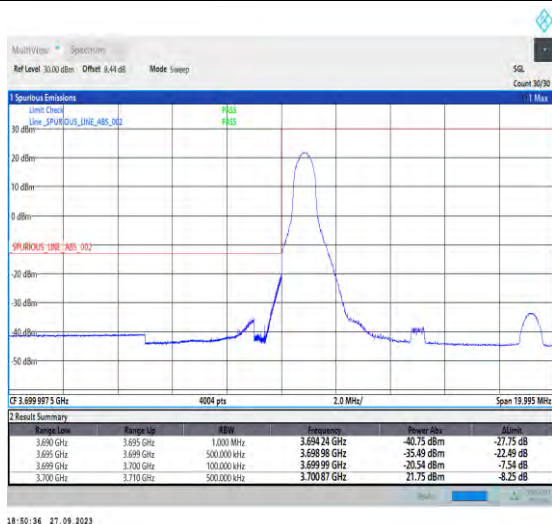
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Band Edge for SA

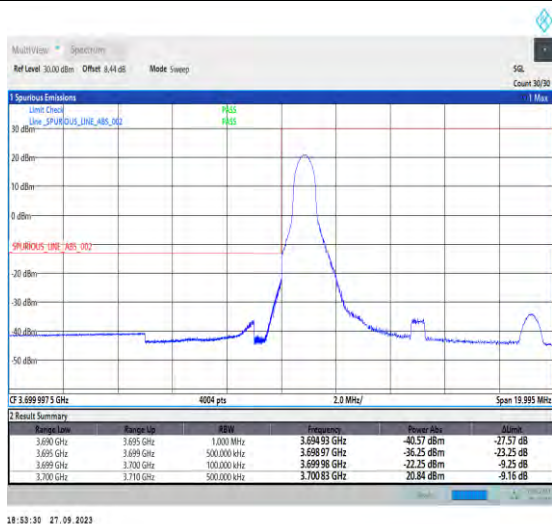
Test Graphs



1-N78-3700-3800-PC2-30-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant7-1--PASS-see graph



1-N78-3700-3800-PC2-30-10-L-3-DFT-PI2BPSK-Outer_Full-24@0-Ant7-1--PASS-see graph



1-N78-3700-3800-PC2-30-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant7-1--PASS-see graph



1-N78-3700-3800-PC2-30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant7-1--PASS-see graph



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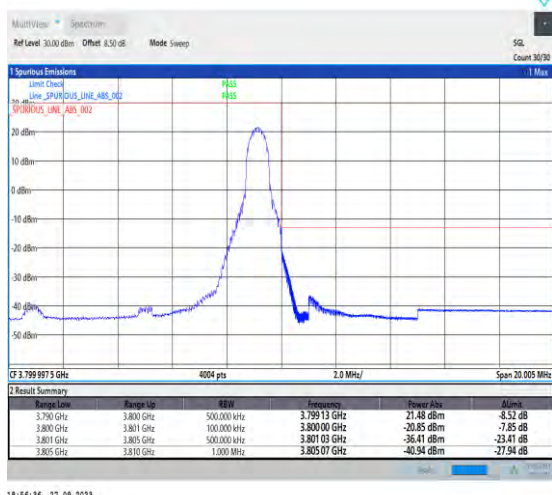
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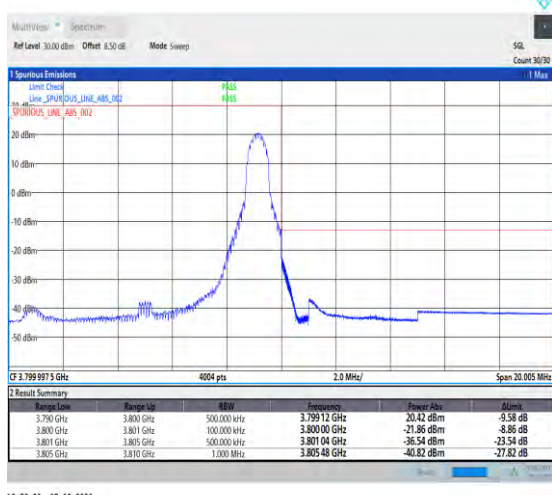
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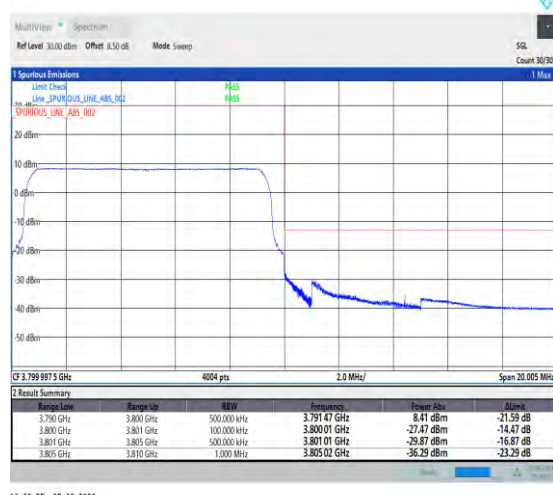
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18:59:30 27.09.2023

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19:00:55 27.09.2023

1-N78-3700-3800-PC2-30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant7-1--PASS-see graph



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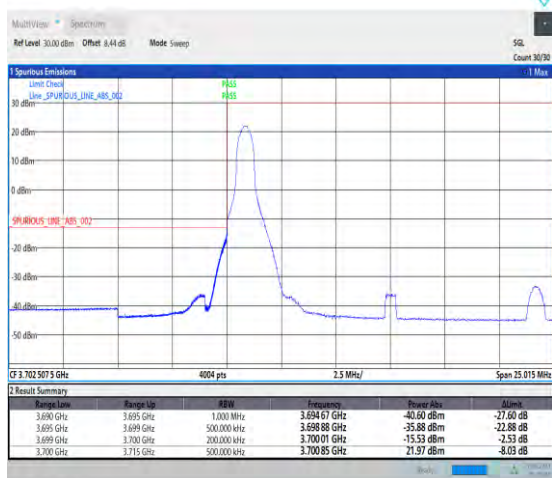
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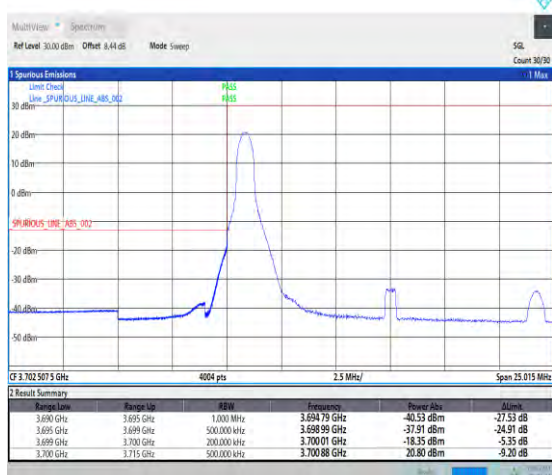
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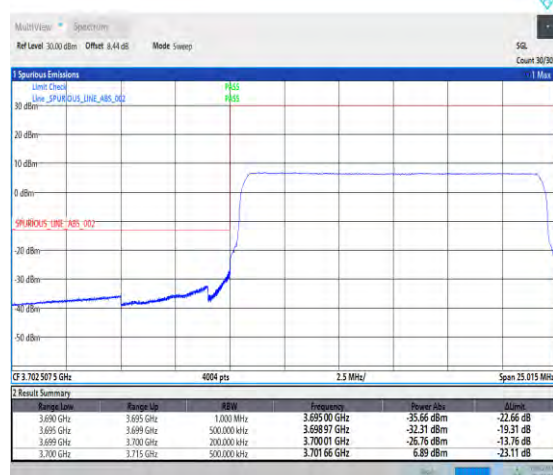
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19:05:35 27.09.2023

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19:07:01 27.09.2023

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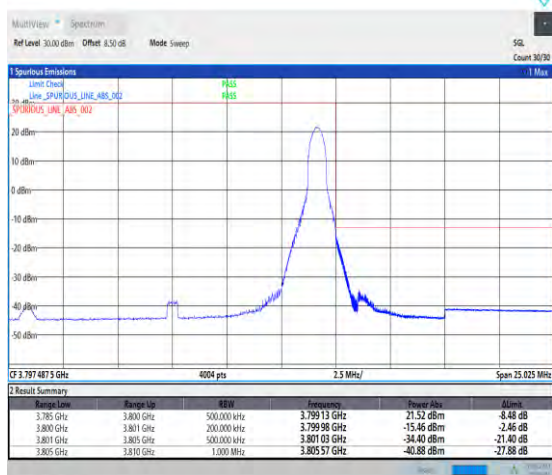
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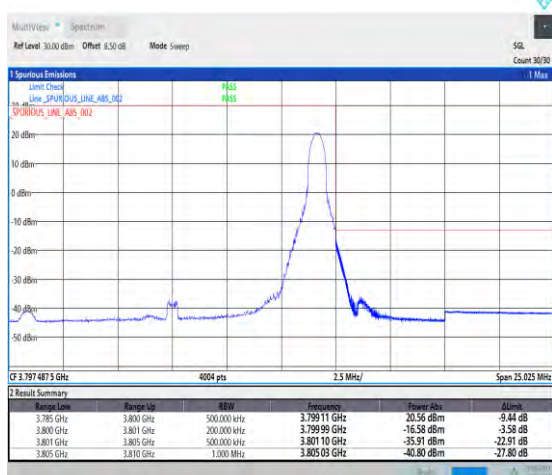
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19:14:01 27.09.2023

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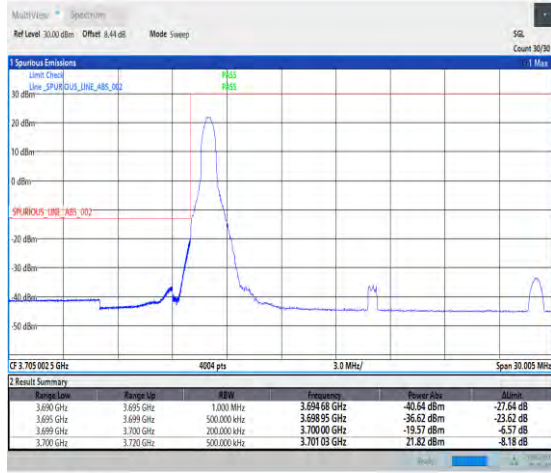
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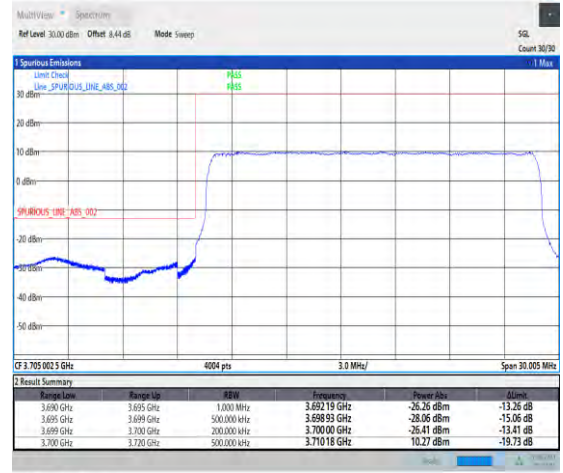
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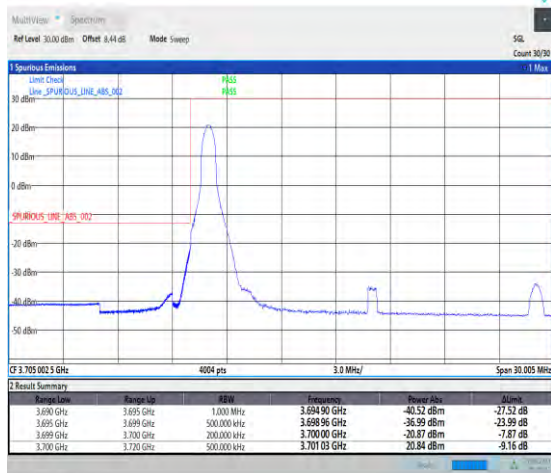
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19:17:06 27.09.2023

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19:18:34 27.09.2023

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19:20:00 27.09.2023

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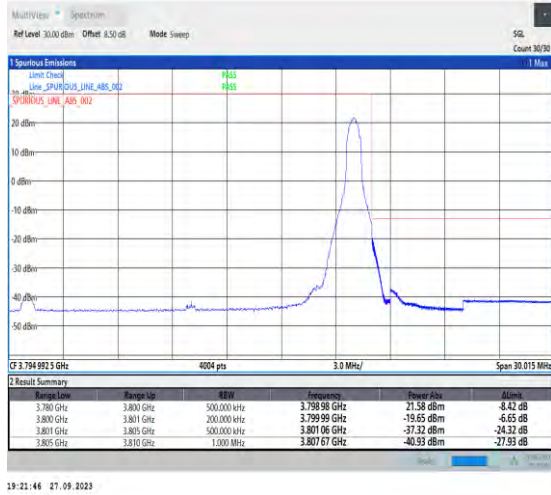
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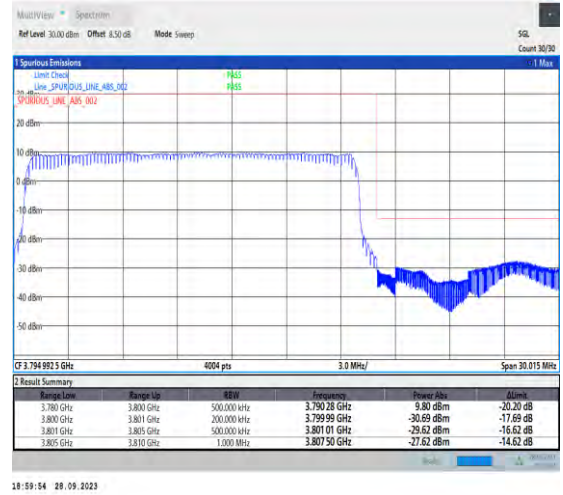
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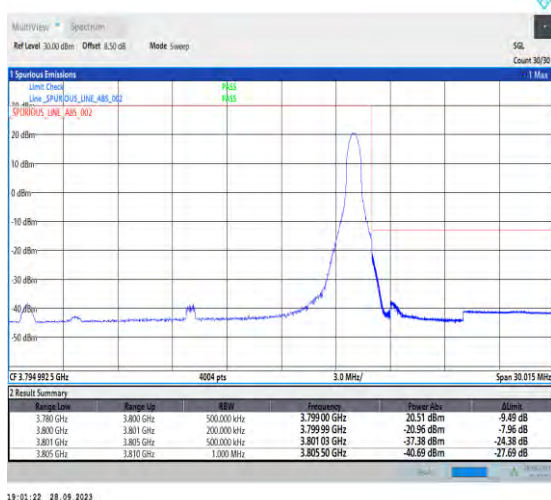
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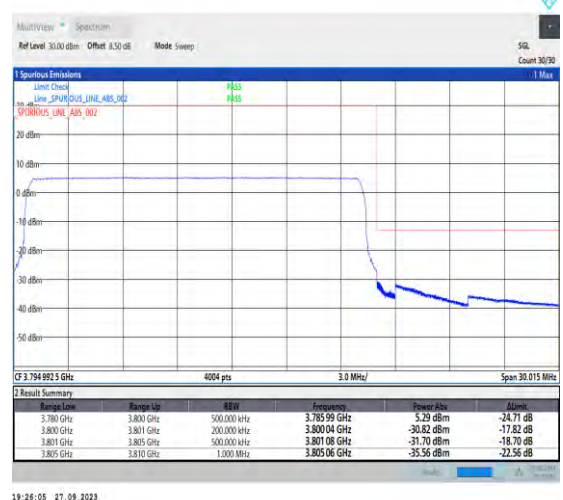
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19:01:22 28.09.2023

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19:26:05 27.09.2023

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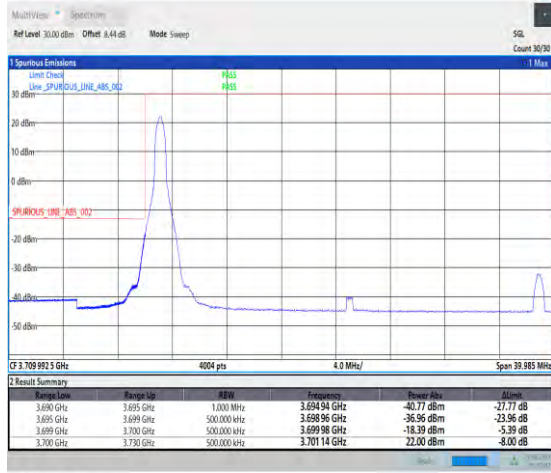
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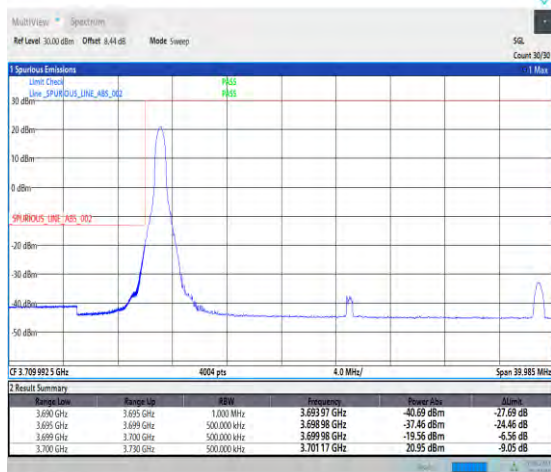
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19:29:13 27.09.2023

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19:30:41 27.09.2023

1-N78-3700-3800-PC2-30-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant7-1--PASS-see graph



19:32:07 27.09.2023

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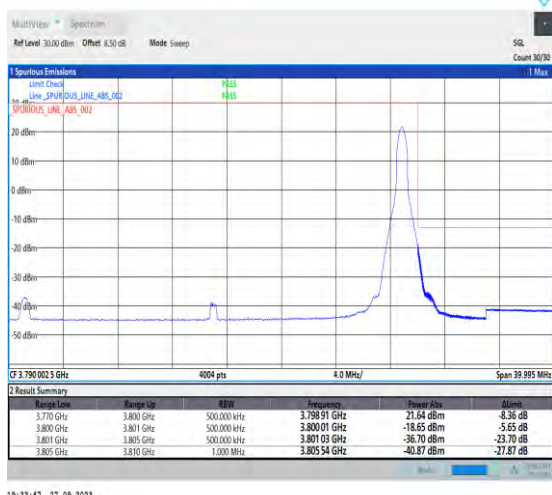
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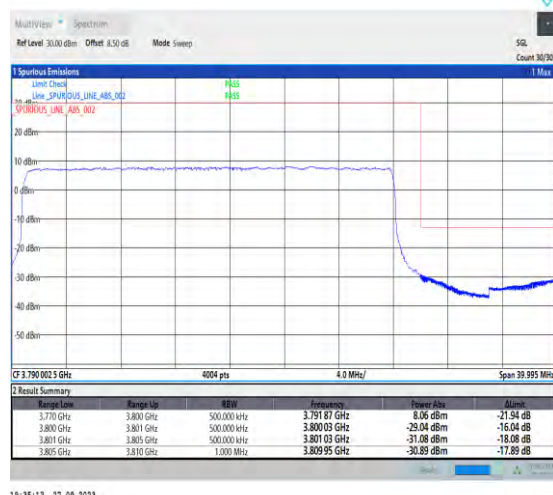
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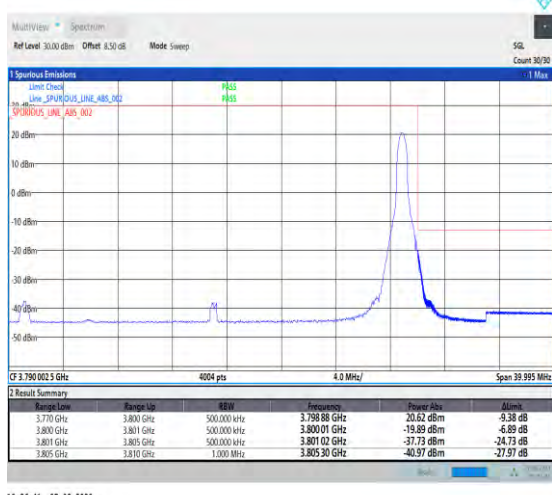
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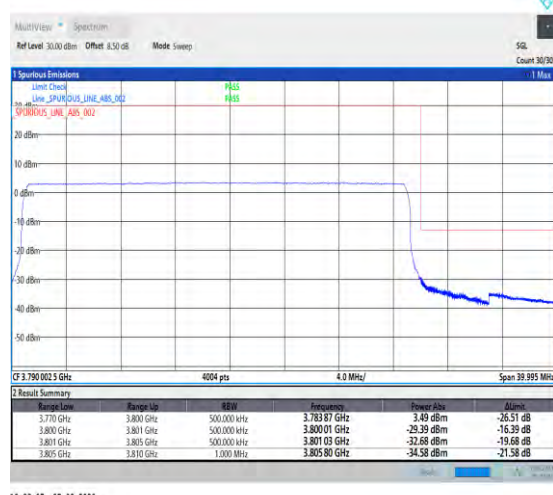
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19:36:41 27.09.2023

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19:39:07 27.09.2023

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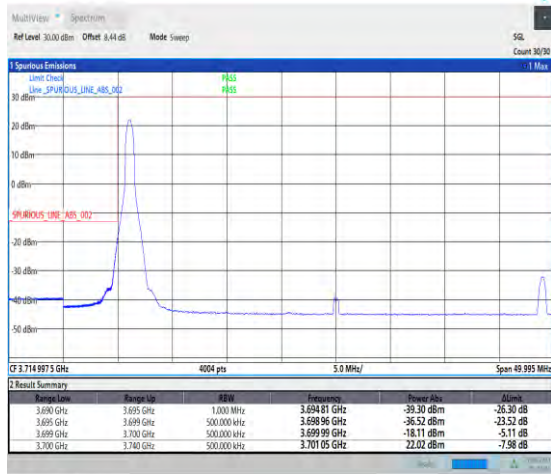
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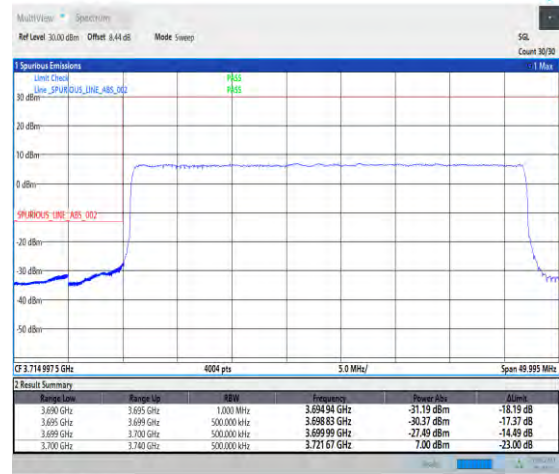
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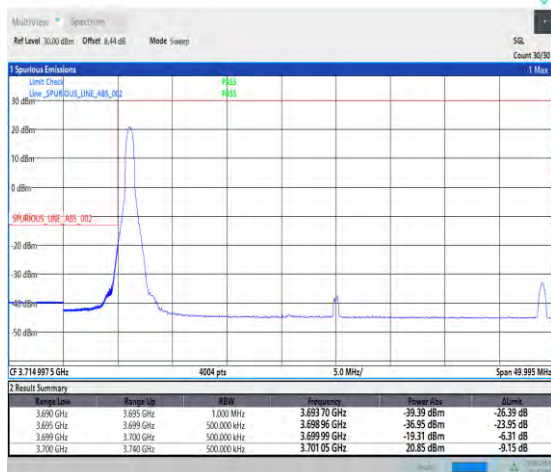
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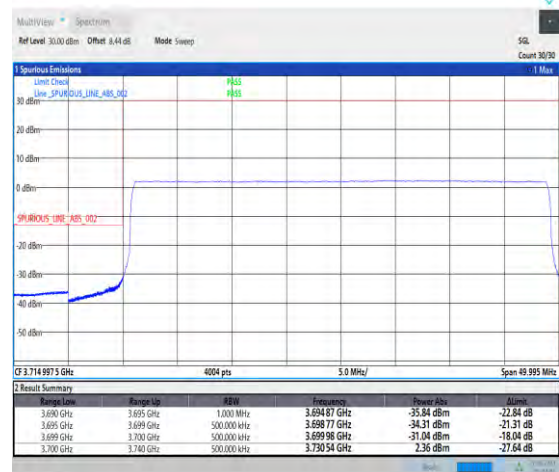
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19:42:41 27.09.2023

1-N78-3700-3800-PC2-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant7-1--PASS-see graph



19:44:07 27.09.2023

1-N78-3700-3800-PC2-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant7-1--PASS-see graph



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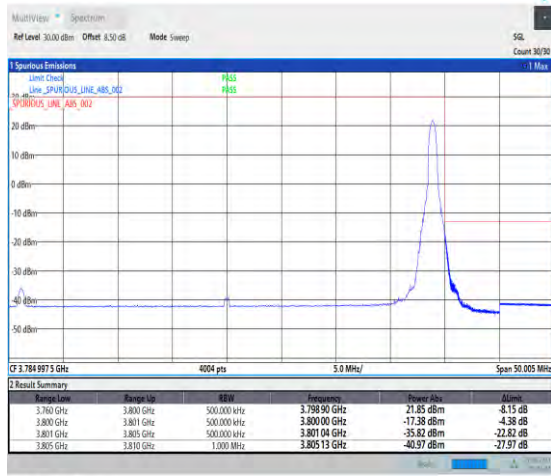
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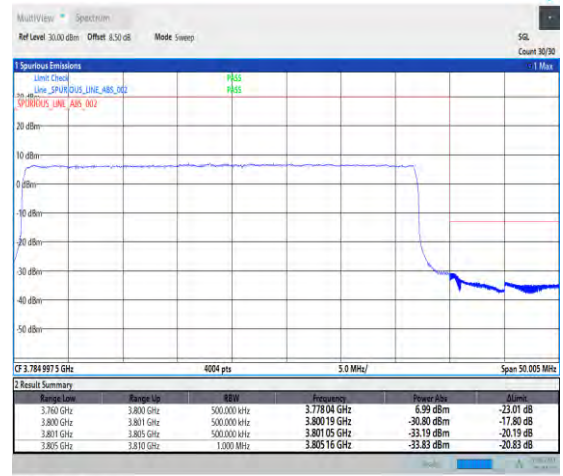
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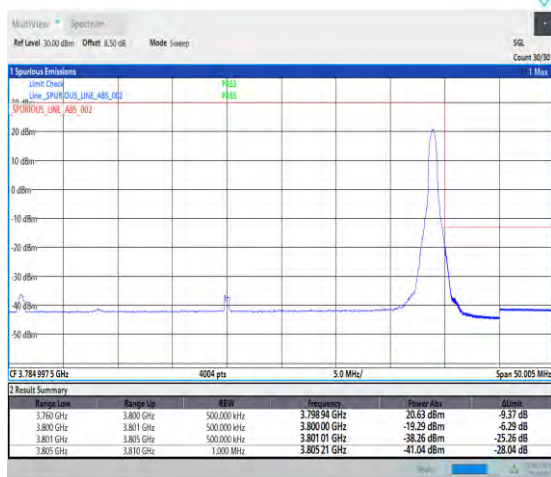
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19:47:12 27.09.2023

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19:50:07 27.09.2023

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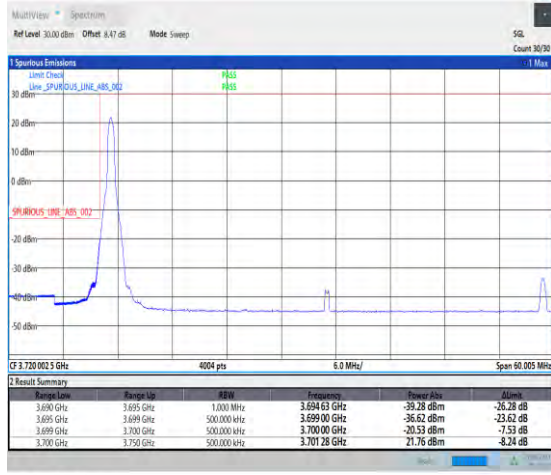
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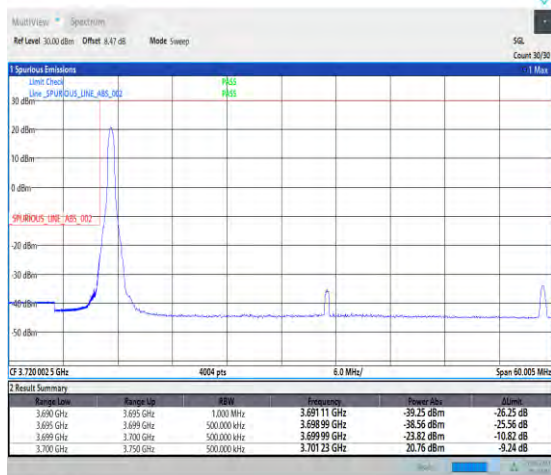
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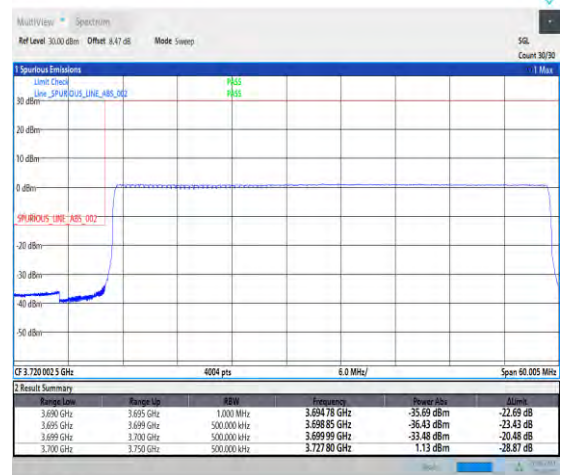
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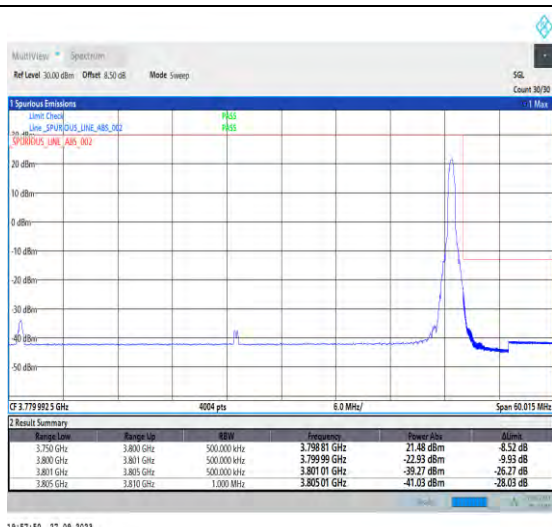
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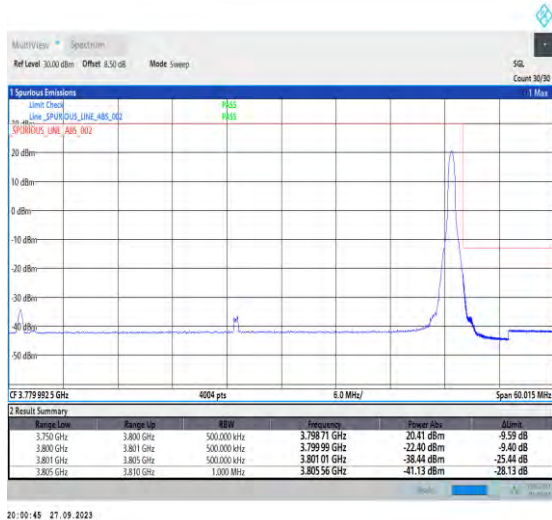
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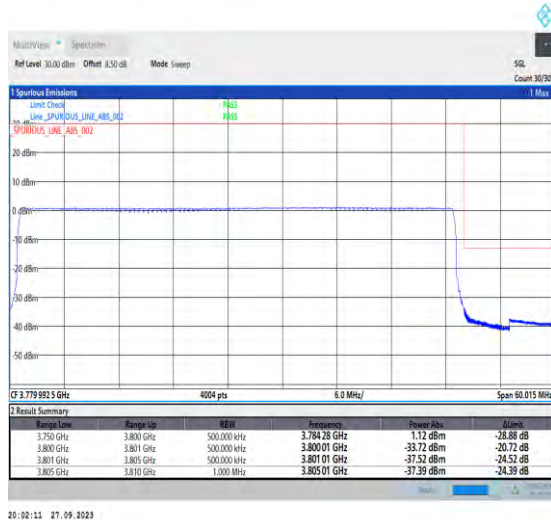
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20:00:45 27.09.2023

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20:02:11 27.09.2023

1-N78-3700-3800-PC2-30-50-H-6-CP-QPSK-Outer_Full-133@0-Ant7-1--PASS-see graph



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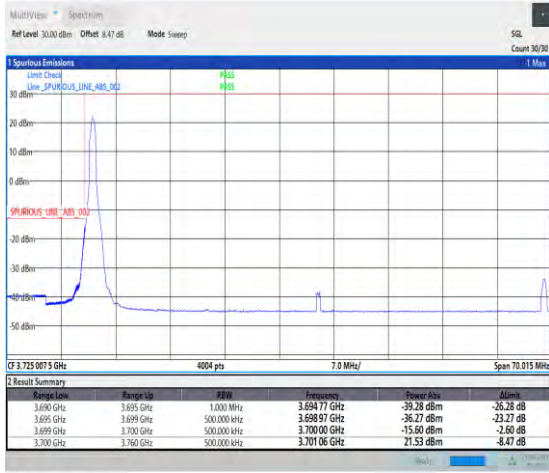
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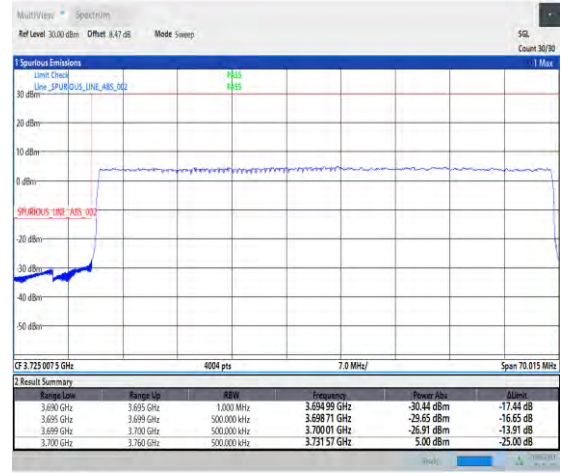
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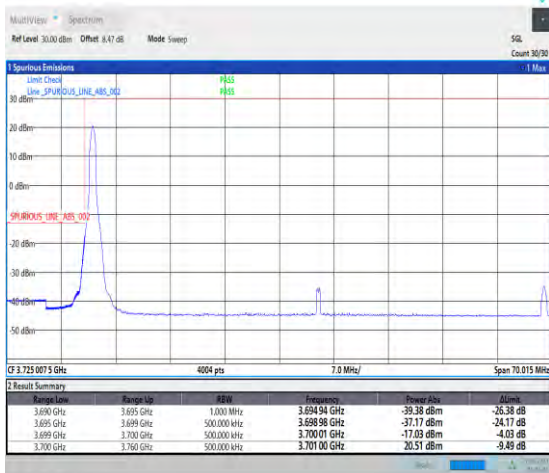
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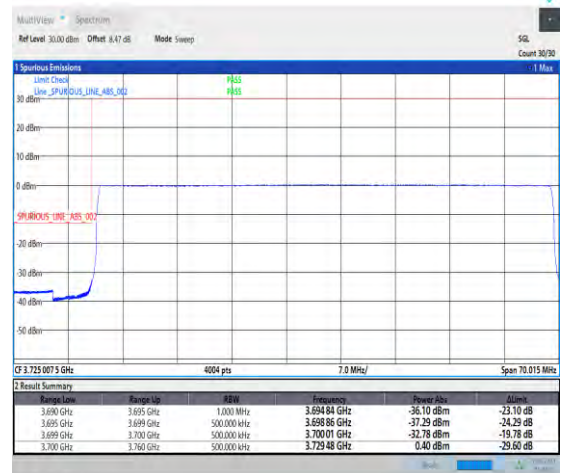
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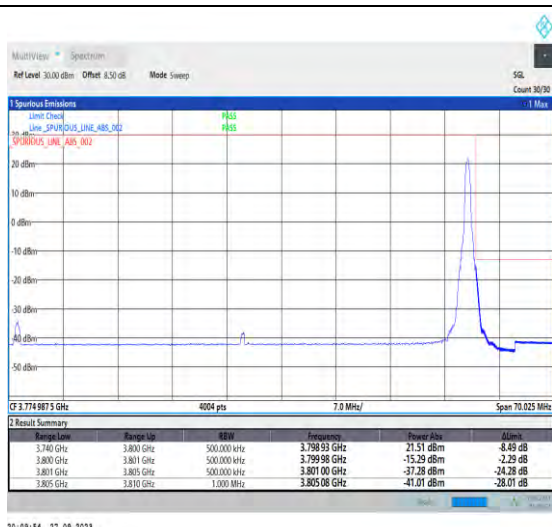
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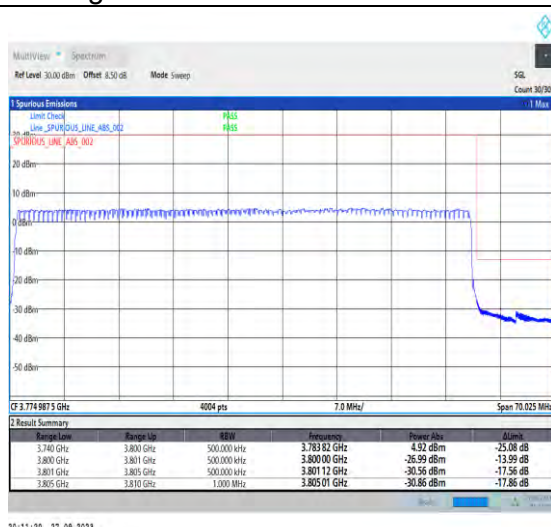
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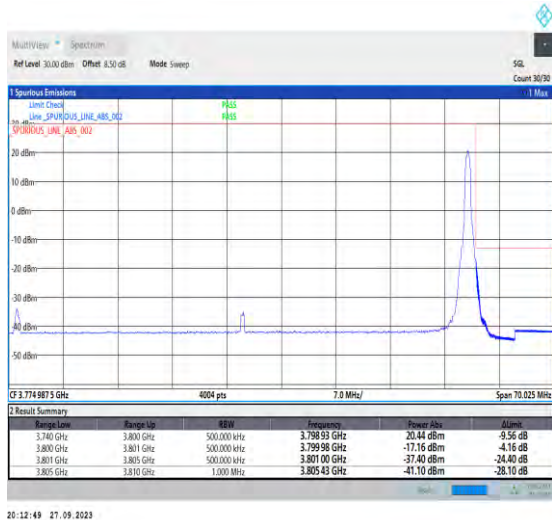
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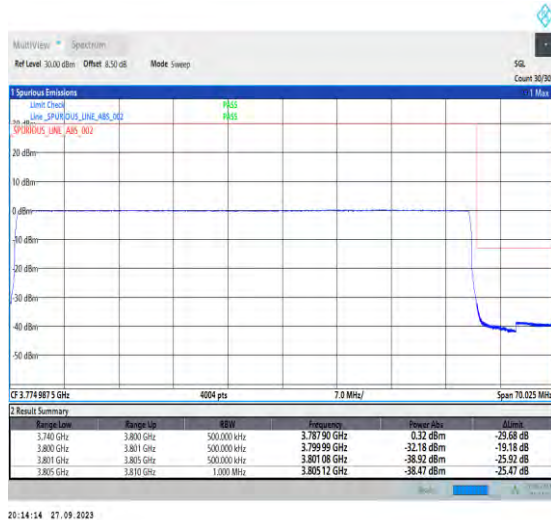
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20:14:14 27.09.2023

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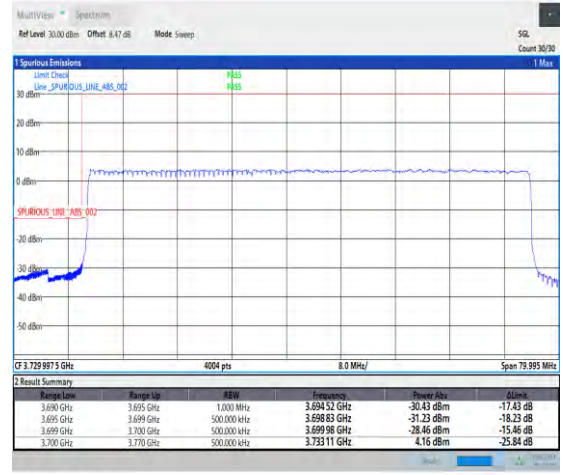
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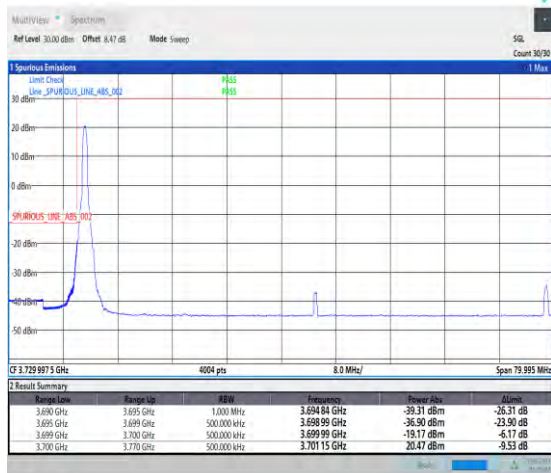
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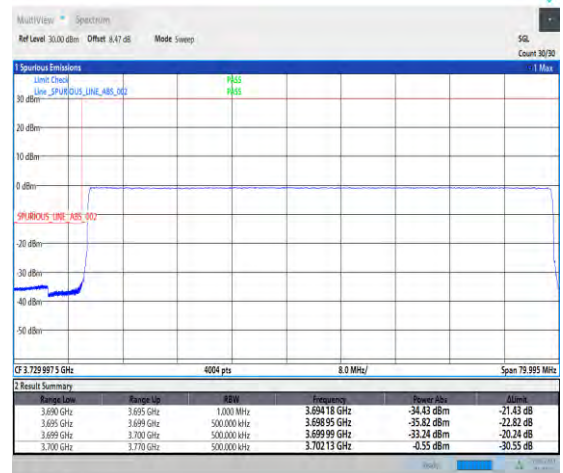
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20:20:14 27.09.2023

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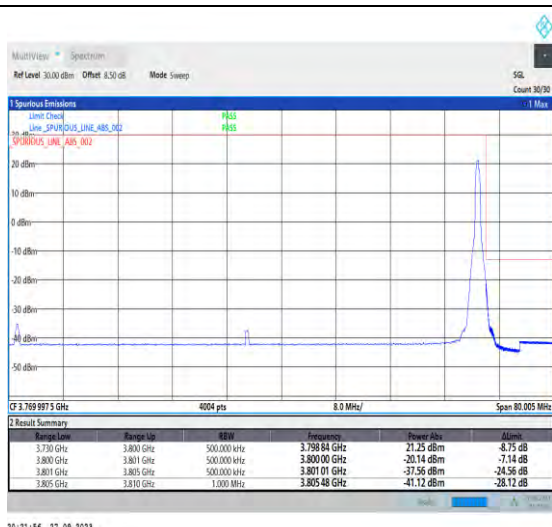
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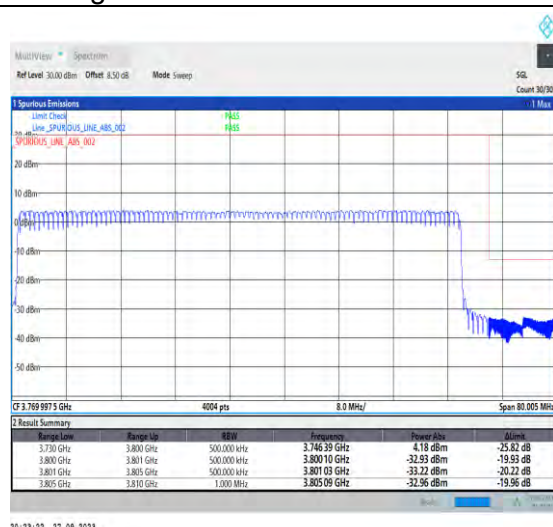
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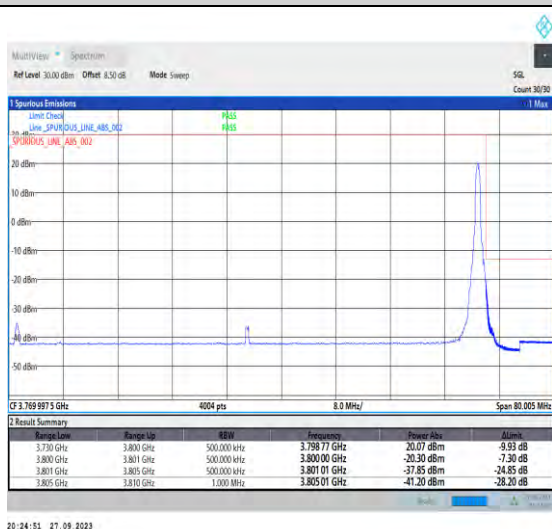
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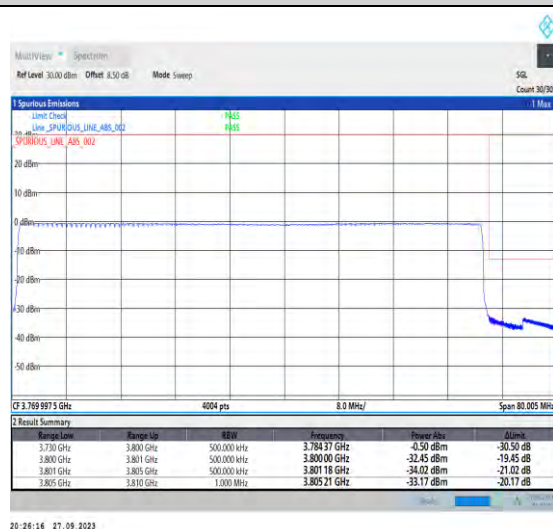
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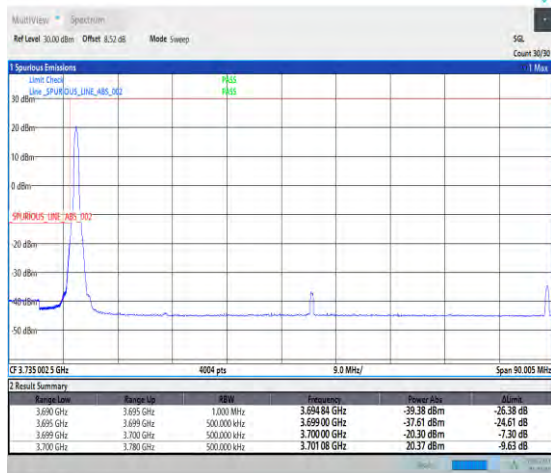
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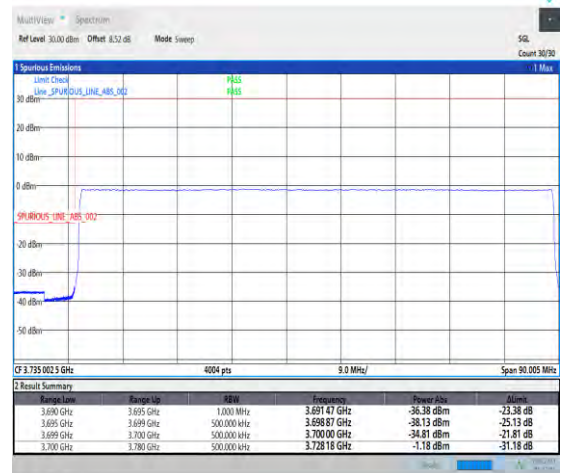
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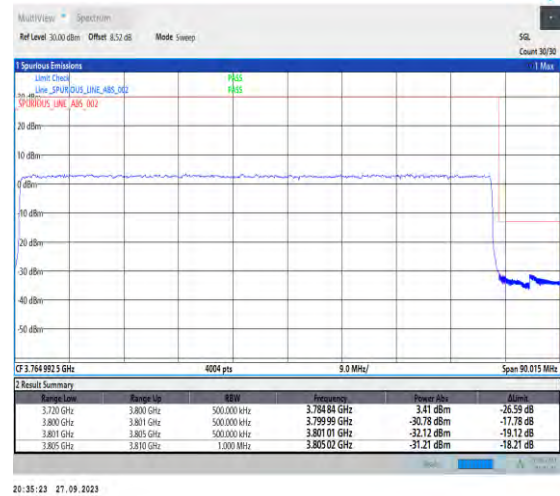
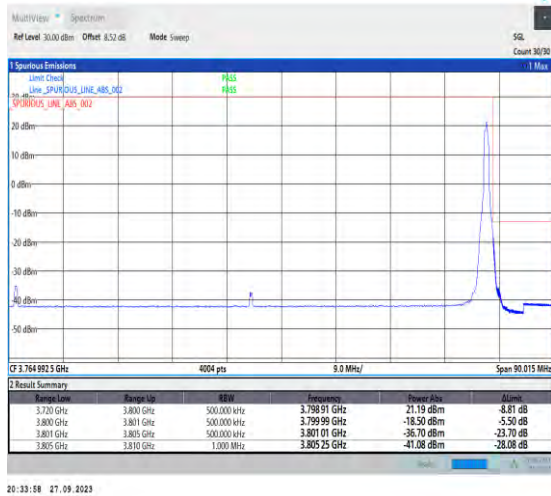
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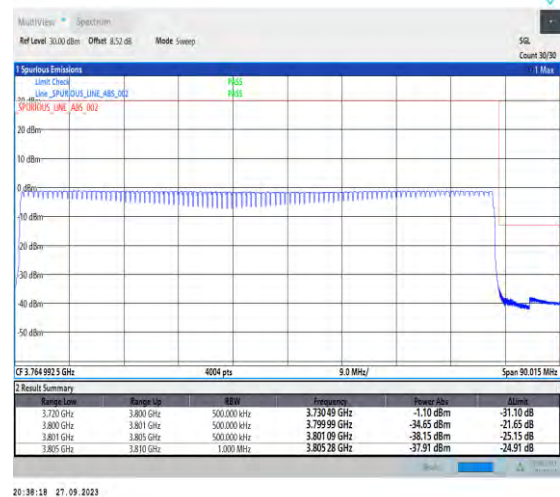
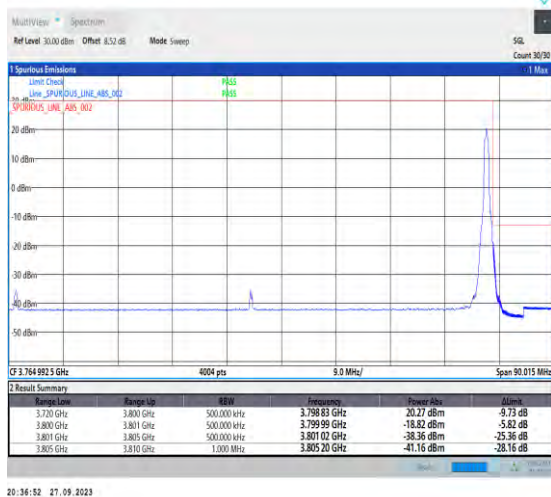
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1-N78-3700-3800-PC2-30-80-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@216-Ant7-1--PASS-see graph

1-N78-3700-3800-PC2-30-80-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant7-1--PASS-see graph



1-N78-3700-3800-PC2-30-80-H-5-CP-QPSK-Edge_1RB_Right-1@216-Ant7-1--PASS-see graph

1-N78-3700-3800-PC2-30-80-H-6-CP-QPSK-Outer_Full-217@0-Ant7-1--PASS-see graph



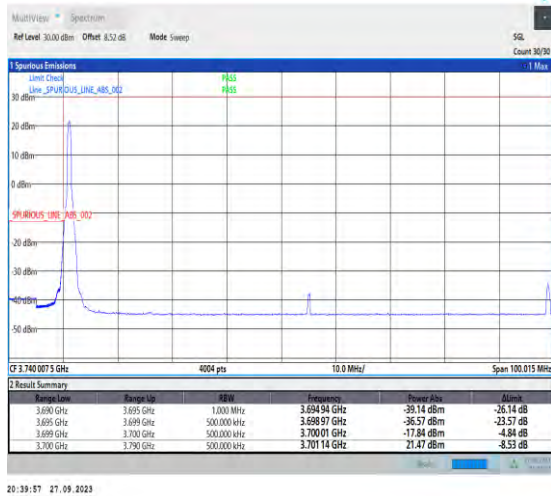
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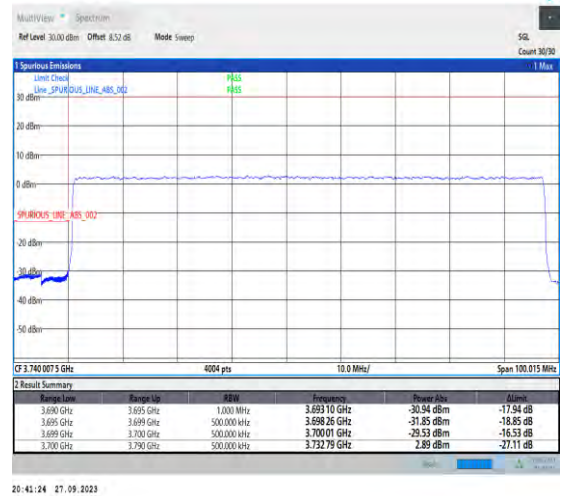
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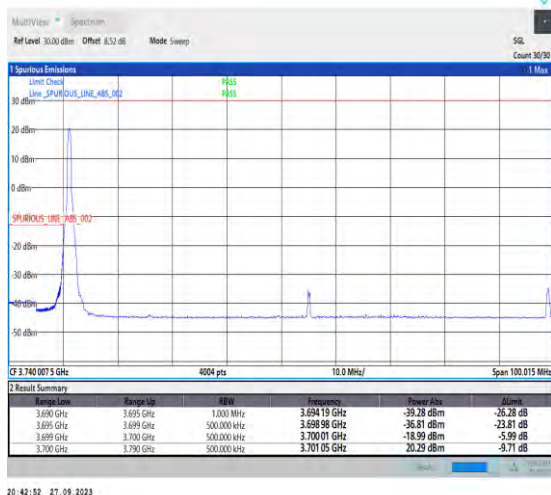
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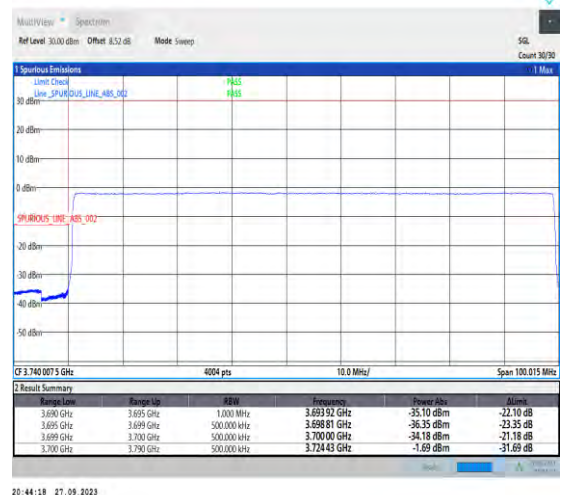
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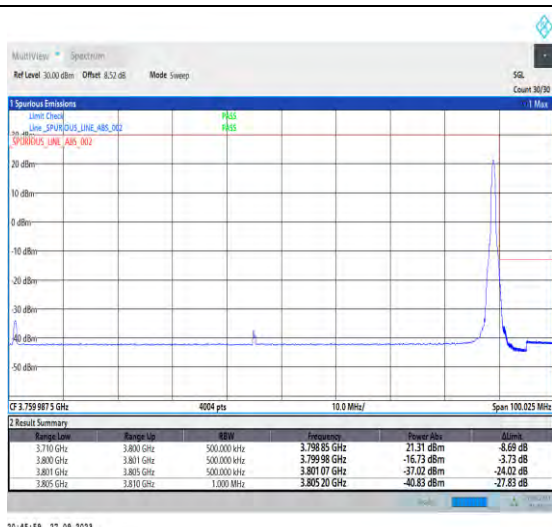
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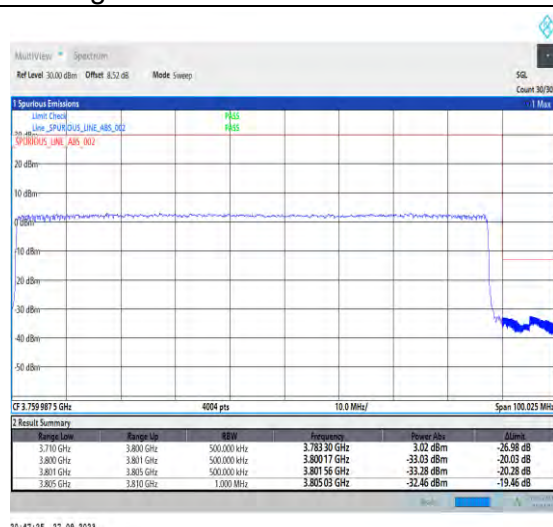
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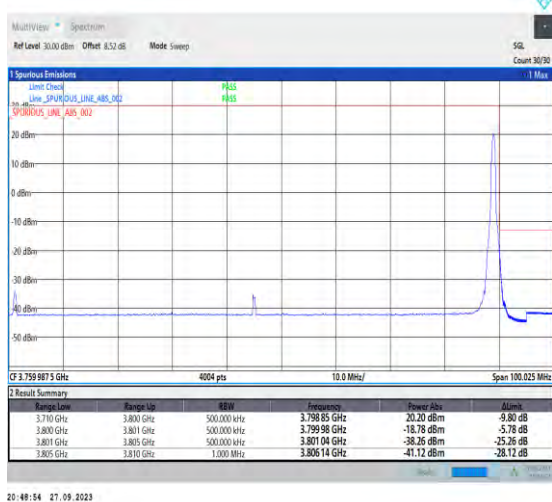
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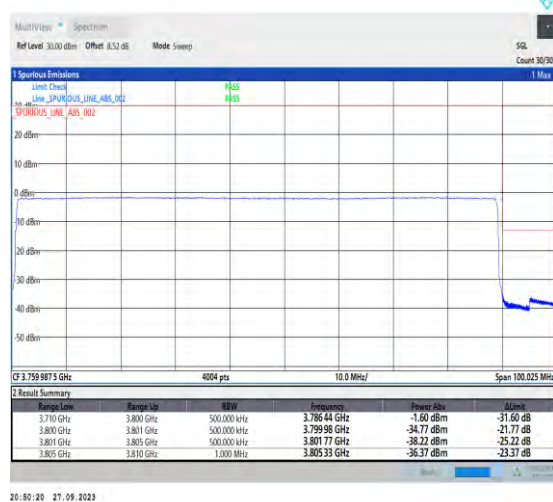
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20:48:54 27.09.2023

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20:50:20 27.09.2023

1-N78-3700-3800-PC2-30-90-H-6-CP-QPSK-Outer_Full-245@0-Ant7-1--PASS-see graph



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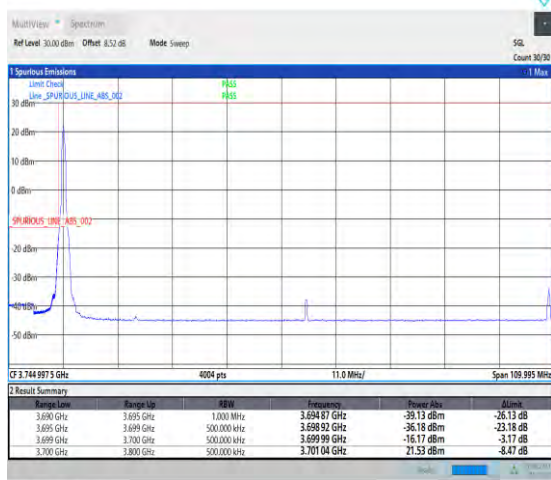
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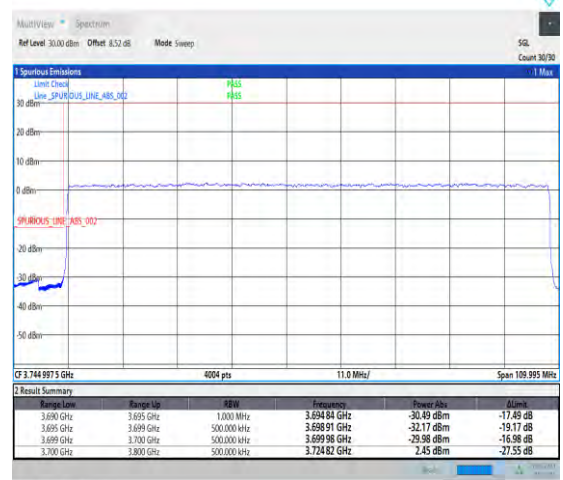
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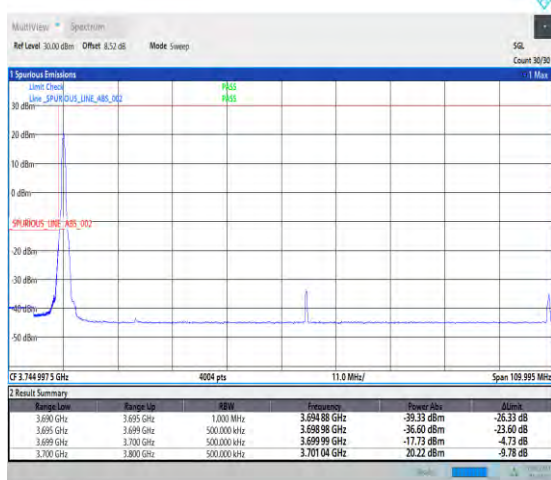
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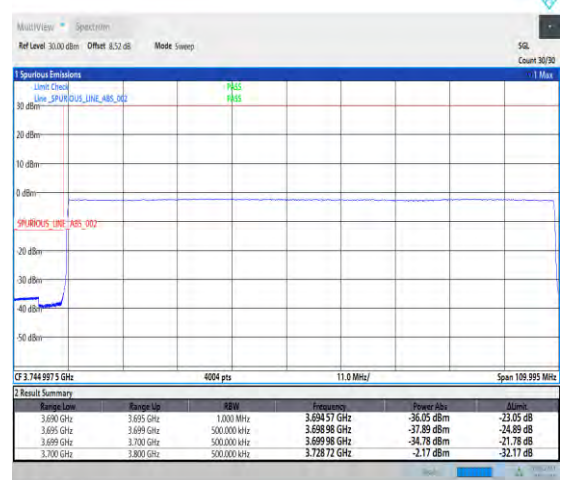
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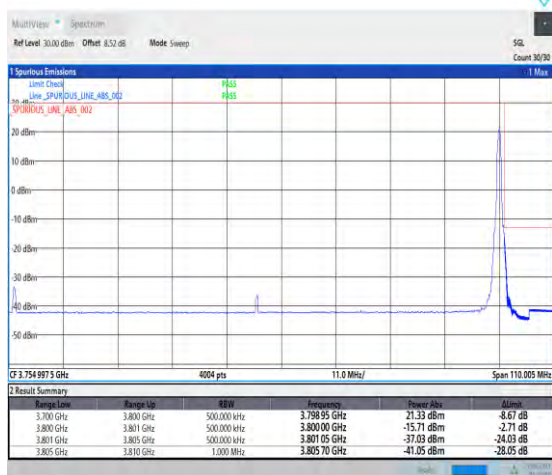
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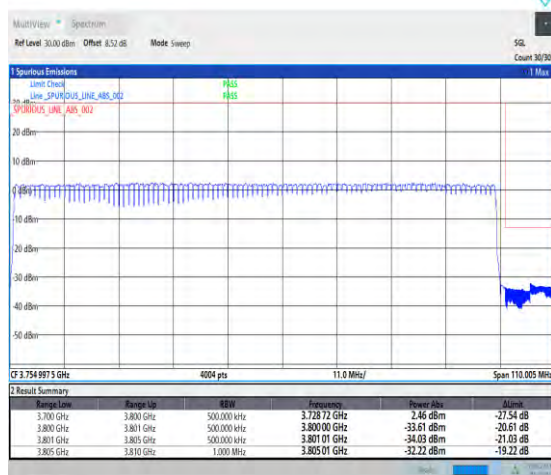
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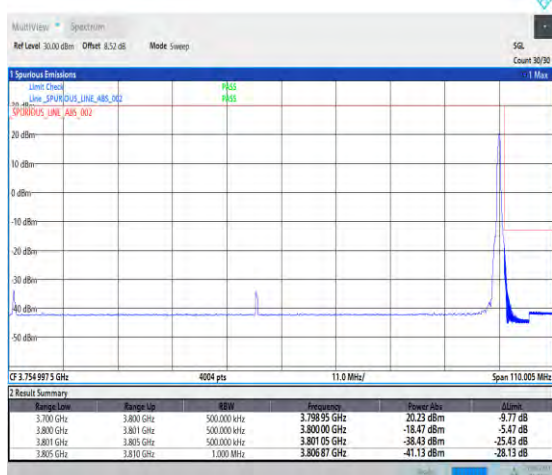
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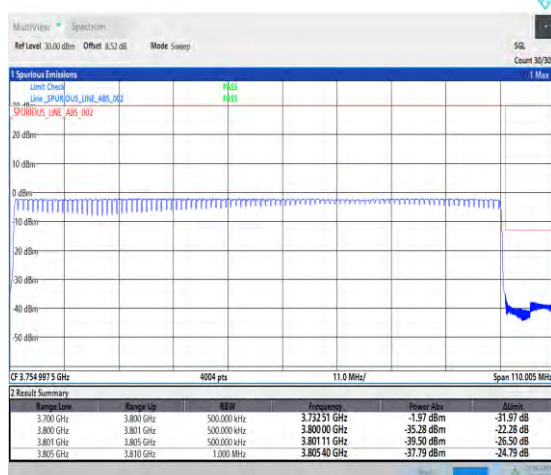
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21:02:22 27.09.2023

1-N78-3700-3800-PC2-30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant7-1--PASS-see graph



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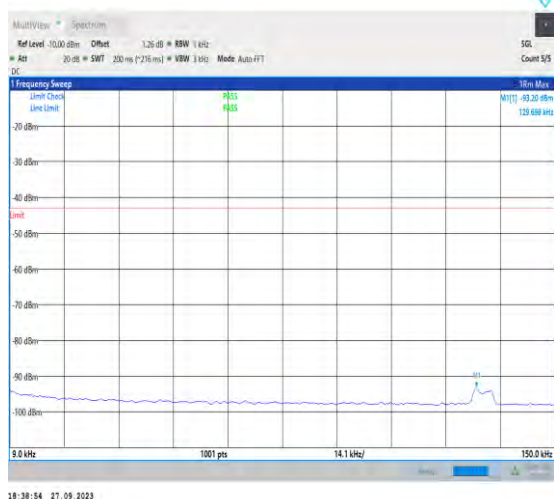
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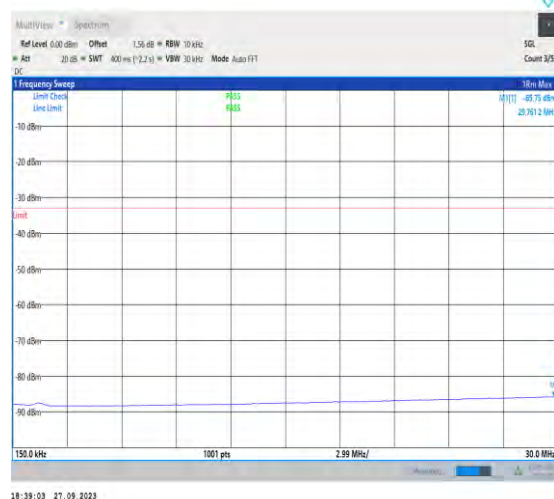
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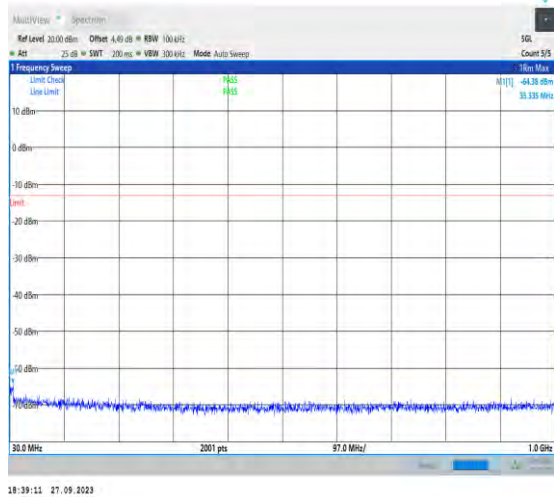
Test Graphs



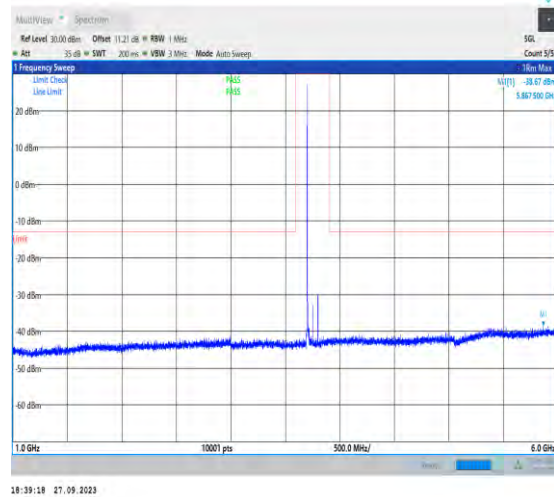
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13-PASS



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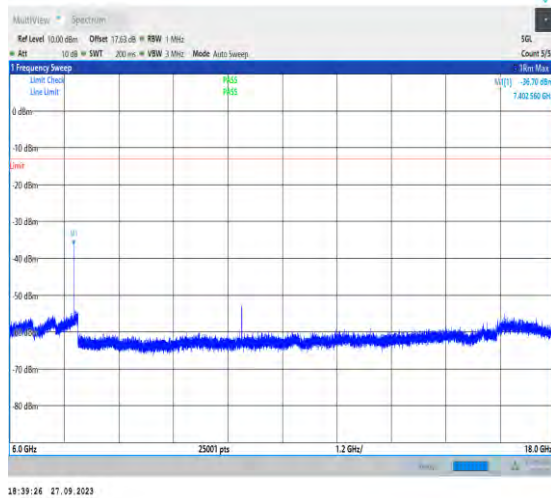
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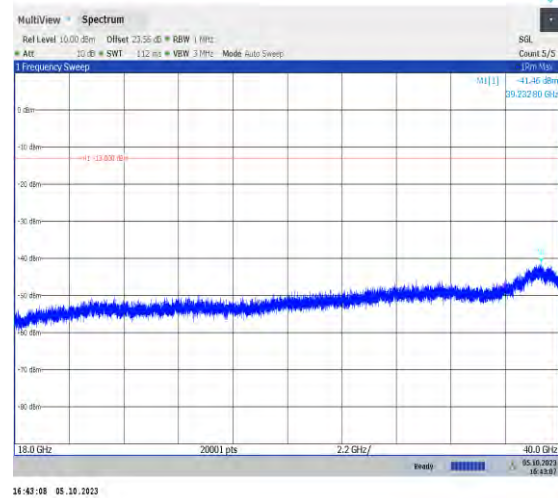
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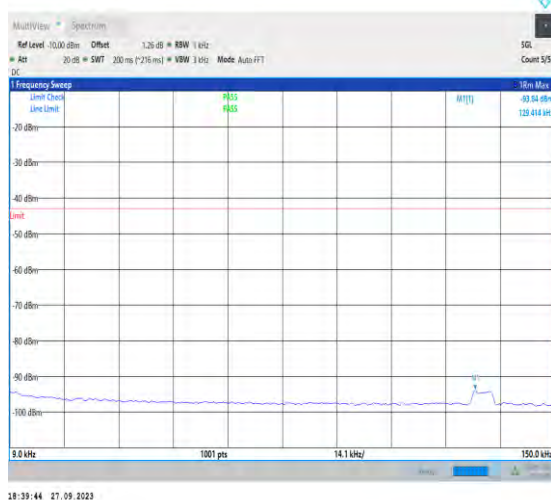
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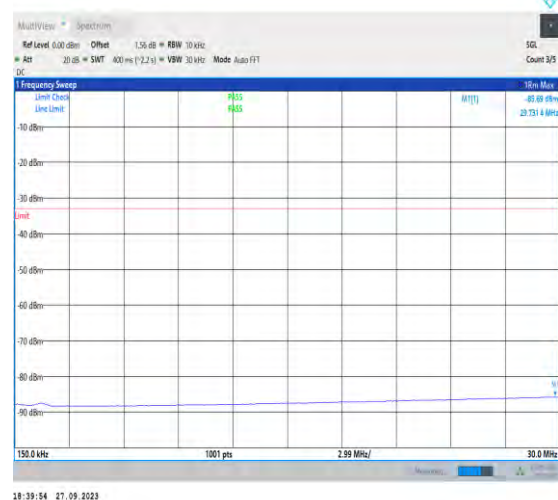
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1-N78-3700-3800-PC2-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant7-0.13--93.84--43-PASS



1-N78-3700-3800-PC2-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant7-29.73--85.69--33-PASS



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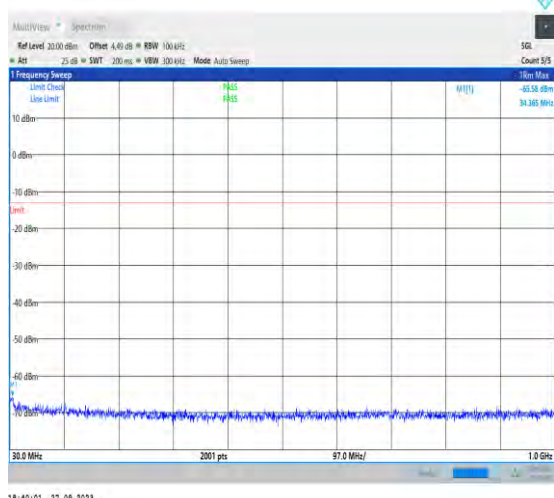
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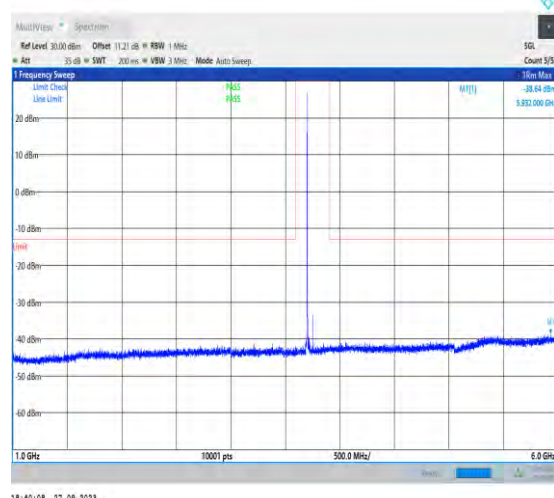
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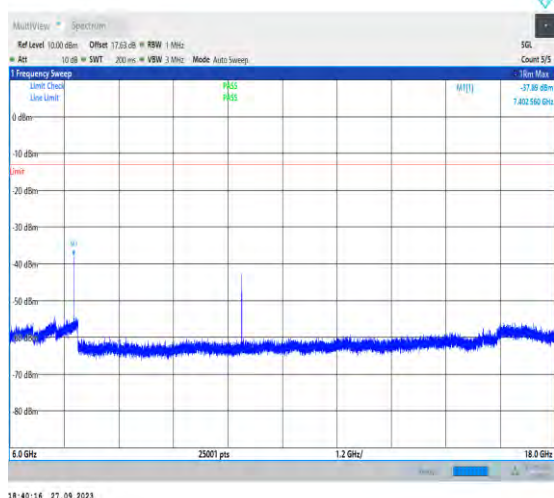
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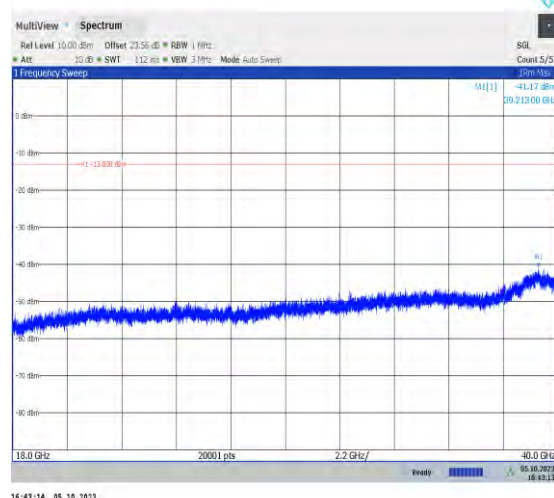
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1-N78-3700-3800-PC2-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-6000-Ant7-5932.00--38.64--13-PASS



1-N78-3700-3800-PC2-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-6000-18000-Ant7-7402.56--37.89--13-PASS



1-N78-3700-3800-PC2-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-18000-40000-Ant7-18000.00--57.84--13-PASS



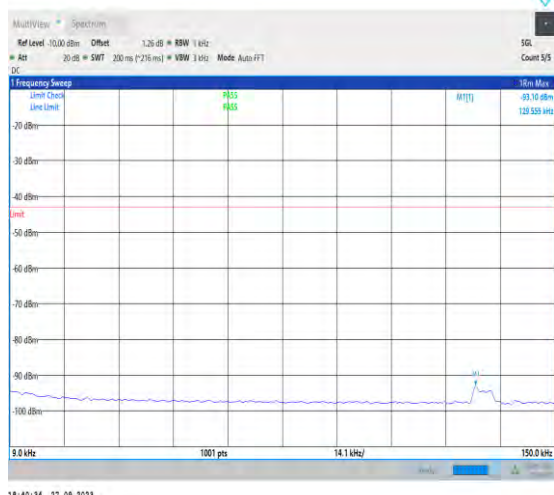
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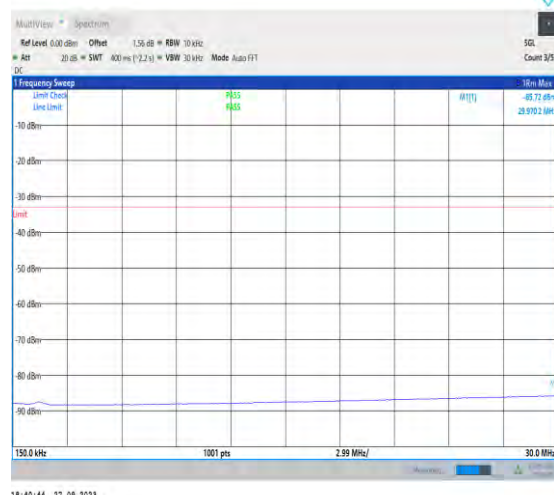
Report No.: SEWM2309000386RG02

Rev.: 01

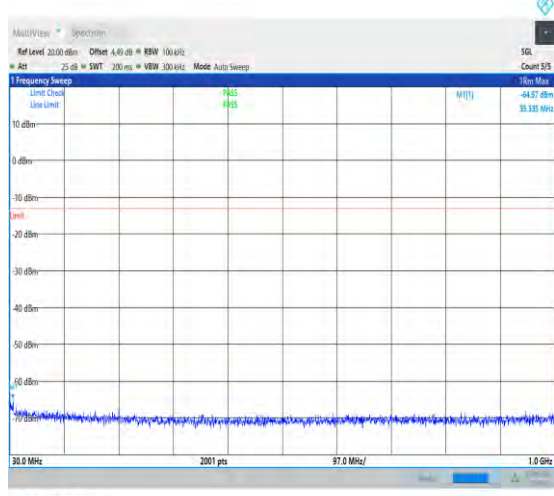
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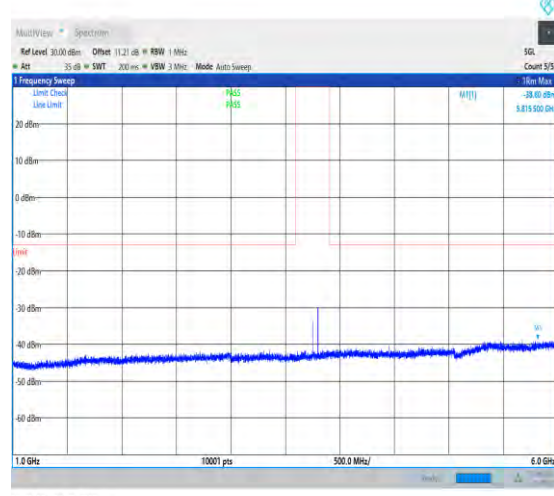
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1-N78-3700-3800-PC2-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant7-29.97--85.72--33-PASS



1-N78-3700-3800-PC2-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant7-35.34--64.97--13-PASS



1-N78-3700-3800-PC2-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-6000-Ant7-5815.50--38.80--13-PASS



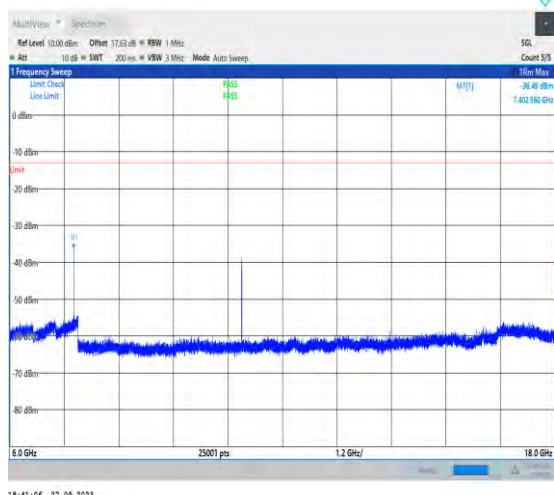
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Report No.: SEWM2309000386RG02

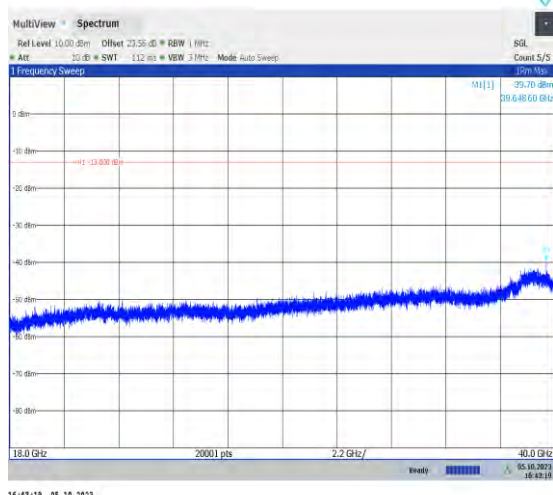
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18:41:06 27.09.2023

1-N78-3700-3800-PC2-30-100-H-1-DFT-PI2BPSK-I
nner_1RB_Left-1@1-6000-18000-Ant7-7402.56--36.
49--13-PASS



18:43:19 05.10.2023

1-N78-3700-3800-PC2-30-100-H-1-DFT-PI2BPSK-In
ner_1RB_Left-1@1-18000-40000-Ant7-18000.00--58
.07--13-PASS



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Field Strength of Spurious Radiation

Test Band = SA Band 78 3700-3800_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7834.9583	43.13	-44.92	36.40	-60.66	-13.00	47.66	Horizontal
2	9326.6042	41.82	-42.91	37.89	-58.45	-13.00	45.45	Horizontal
3	13713.8542	37.62	-38.03	40.24	-55.43	-13.00	42.43	Horizontal
4	7410.18	42.20	-45.62	36.59	-62.09	-13.00	49.09	Horizontal
5	11115.27	36.99	-40.09	39.38	-58.98	-13.00	45.98	Horizontal
6	14820.36	36.29	-37.72	40.24	-56.44	-13.00	43.44	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8407.5625	42.61	-44.31	36.77	-60.19	-13.00	47.19	Vertical
2	9329.9583	41.81	-42.90	37.90	-58.45	-13.00	45.45	Vertical
3	12933.2917	37.84	-38.56	38.64	-57.34	-13.00	44.34	Vertical
4	7410.18	42.25	-45.62	36.59	-62.04	-13.00	49.04	Vertical
5	11115.27	36.81	-40.09	39.38	-59.16	-13.00	46.16	Vertical
6	14820.36	36.39	-37.72	40.24	-56.34	-13.00	43.34	Vertical



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Test Band = NSA DC_2A_n78A 3700-3800_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8403.7292	42.47	-44.33	36.77	-60.36	-13.00	47.36	Horizontal
2	9332.8333	41.98	-42.90	37.90	-58.28	-13.00	45.28	Horizontal
3	13925.6458	38.12	-38.55	40.73	-54.96	-13.00	41.96	Horizontal
4	7410.18	42.91	-45.62	36.59	-61.38	-13.00	48.38	Horizontal
5	11115.27	36.92	-40.09	39.38	-59.05	-13.00	46.05	Horizontal
6	14820.36	36.10	-37.72	40.24	-56.63	-13.00	43.63	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8331.8542	42.64	-44.50	36.66	-60.45	-13.00	47.45	Vertical
2	9365.4167	41.54	-42.85	37.93	-58.65	-13.00	45.65	Vertical
3	12301.2708	38.99	-39.32	39.02	-56.57	-13.00	43.57	Vertical
4	7410.18	42.46	-45.62	36.59	-61.83	-13.00	48.83	Vertical
5	11115.27	36.94	-40.09	39.38	-59.03	-13.00	46.03	Vertical
6	14820.36	36.73	-37.72	40.24	-56.00	-13.00	43.00	Vertical



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Test Band = NSA DC_5A_n78A 3700-3800_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9357.2708	41.67	-42.87	37.92	-58.53	-13.00	45.53	Horizontal
2	12890.1667	38.62	-38.50	38.67	-56.47	-13.00	43.47	Horizontal
3	17969.3333	37.03	-37.07	45.10	-50.19	-13.00	37.19	Horizontal
4	7410.18	42.54	-45.62	36.59	-61.75	-13.00	48.75	Horizontal
5	11115.27	37.44	-40.09	39.38	-58.53	-13.00	45.53	Horizontal
6	14820.36	35.98	-37.72	40.24	-56.75	-13.00	43.75	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9327.0833	42.04	-42.90	37.89	-58.23	-13.00	45.23	Vertical
2	13894.5	37.70	-38.35	40.66	-55.25	-13.00	42.25	Vertical
3	17658.8333	36.26	-37.38	43.12	-53.26	-13.00	40.26	Vertical
4	7410.18	42.67	-45.62	36.59	-61.62	-13.00	48.62	Vertical
5	11115.27	37.20	-40.09	39.38	-58.77	-13.00	45.77	Vertical
6	14820.36	36.99	-37.72	40.24	-55.74	-13.00	42.74	Vertical



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Test Band = NSA DC_7A_n78A 3700-3800_TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7816.2708	43.75	-44.91	36.42	-60.00	-13.00	47.00	Horizontal
2	9324.6875	41.79	-42.91	37.89	-58.49	-13.00	45.49	Horizontal
3	12671.1875	38.05	-39.11	38.80	-57.52	-13.00	44.52	Horizontal
4	7410.18	42.64	-45.62	36.59	-61.65	-13.00	48.65	Horizontal
5	11115.27	37.05	-40.09	39.38	-58.92	-13.00	45.92	Horizontal
6	14820.36	36.01	-37.72	40.24	-56.72	-13.00	43.72	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8383.6042	42.36	-44.39	36.74	-60.56	-13.00	47.56	Vertical
2	9323.7292	41.87	-42.91	37.89	-58.41	-13.00	45.41	Vertical
3	13352.5625	38.35	-38.79	39.41	-56.29	-13.00	43.29	Vertical
4	7410.18	42.50	-45.62	36.59	-61.79	-13.00	48.79	Vertical
5	11115.27	37.30	-40.09	39.38	-58.67	-13.00	45.67	Vertical
6	14820.36	36.07	-37.72	40.24	-56.66	-13.00	43.66	Vertical



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Test Band = NSA DC_38A_n78A 3700-3800_TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8341.9167	42.15	-44.48	36.68	-60.91	-13.00	47.91	Horizontal
2	9312.7083	41.72	-42.92	37.88	-58.58	-13.00	45.58	Horizontal
3	12408.125	37.46	-38.35	38.96	-57.20	-13.00	44.20	Horizontal
4	7410.18	42.37	-45.62	36.59	-61.92	-13.00	48.92	Horizontal
5	11115.27	36.84	-40.09	39.38	-59.13	-13.00	46.13	Horizontal
6	14820.36	36.01	-37.72	40.24	-56.72	-13.00	43.72	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8341.9167	42.22	-44.48	36.68	-60.84	-13.00	47.84	Vertical
2	9329.4792	42.04	-42.90	37.90	-58.23	-13.00	45.23	Vertical
3	12870.5208	38.00	-38.67	38.68	-57.25	-13.00	44.25	Vertical
4	7410.18	42.31	-45.62	36.59	-61.98	-13.00	48.98	Vertical
5	11115.27	37.64	-40.09	39.38	-58.33	-13.00	45.33	Vertical
6	14820.36	36.09	-37.72	40.24	-56.64	-13.00	43.64	Vertical



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Test Band = NSA DC_41A_n78A 3700-3800_ TM1
Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7742	43.73	-45.04	36.51	-60.06	-13.00	47.06	Horizontal
2	9389.375	42.45	-42.82	37.95	-57.68	-13.00	44.68	Horizontal
3	13722	37.81	-38.08	40.26	-55.26	-13.00	42.26	Horizontal
4	7410.18	43.21	-45.62	36.59	-61.08	-13.00	48.08	Horizontal
5	11115.27	37.28	-40.09	39.38	-58.69	-13.00	45.69	Horizontal
6	14820.36	37.29	-37.72	40.24	-55.44	-13.00	42.44	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8493.3333	42.02	-43.73	36.89	-60.07	-13.00	47.07	Vertical
2	9304.5625	42.15	-42.93	37.87	-58.17	-13.00	45.17	Vertical
3	12038.2083	38.51	-38.88	39.18	-56.45	-13.00	43.45	Vertical
4	7410.18	43.00	-45.62	36.59	-61.29	-13.00	48.29	Vertical
5	11115.27	37.77	-40.09	39.38	-58.20	-13.00	45.20	Vertical
6	14820.36	36.74	-37.72	40.24	-55.99	-13.00	42.99	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

2) All antennas of RSE are tested, and only the worst data is presented.



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	0.000000	0.000000	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-3.400000	-0.000907	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-3.500000	-0.000933	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	VH	NT	1.400000	0.000373	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	VN	NT	1.900000	0.000507	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	VL	NT	-6.900000	-0.001840	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-5.600000	-0.001493	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	3.100000	0.000827	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-1.000000	-0.000267	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-3.500000	-0.000933	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	1.800000	0.000480	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	1.700000	0.000453	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-3.400000	-0.000907	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-5.500000	-0.001467	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-2.000000	-0.000533	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	-30	1.500000	0.000400	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	-20	-2.700000	-0.000720	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	-10	1.900000	0.000507	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	0	1.200000	0.000320	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	10	4.100000	0.001093	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	20	-4.500000	-0.001200	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	30	-3.900000	-0.001040	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	40	-3.800000	-0.001013	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	50	1.900000	0.000507	PASS

---End of Attachment---



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