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Appendix B.25

NR Band n78(3700-3800)



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Effective (Isotropic) Radiated Power Output Data for

SEWM2307000261RG02

Test Result

Ant6:

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N78(3700-3800)	30	100	DFT-PI2BPSK	M	1RB1	26.99	29.59	30	PASS
N78(3700-3800)	30	100	DFT-PI2BPSK	M	1RB271	26.57	29.17	30	PASS
N78(3700-3800)	30	100	DFT-PI2BPSK	M	272RB0	25.71	28.31	30	PASS
N78(3700-3800)	30	100	DFT-QPSK	M	1RB1	26.99	29.59	30	PASS
N78(3700-3800)	30	100	DFT-QPSK	M	1RB271	26.47	29.07	30	PASS
N78(3700-3800)	30	100	DFT-QPSK	M	272RB0	25.68	28.28	30	PASS
N78(3700-3800)	30	100	DFT-16QAM	M	1RB1	26.27	28.87	30	PASS
N78(3700-3800)	30	100	DFT-64QAM	M	1RB1	24.94	27.54	30	PASS
N78(3700-3800)	30	100	DFT-256QAM	M	1RB1	22.61	25.21	30	PASS
N78(3700-3800)	30	100	CP-QPSK	M	1RB1	25.08	27.68	30	PASS
N78(3700-3800)	30	90	DFT-QPSK	L	1RB1	26.67	29.27	30	PASS
N78(3700-3800)	30	90	DFT-16QAM	L	1RB1	25.21	27.81	30	PASS
N78(3700-3800)	30	90	DFT-QPSK	M	1RB1	26.52	29.12	30	PASS
N78(3700-3800)	30	90	DFT-16QAM	M	1RB1	25.78	28.38	30	PASS
N78(3700-3800)	30	90	DFT-QPSK	H	1RB1	26.66	29.26	30	PASS
N78(3700-3800)	30	90	DFT-16QAM	H	1RB1	25.47	28.07	30	PASS
N78(3700-3800)	30	80	DFT-QPSK	L	1RB1	26.38	28.98	30	PASS
N78(3700-3800)	30	80	DFT-16QAM	L	1RB1	25.15	27.75	30	PASS
N78(3700-3800)	30	80	DFT-QPSK	M	1RB1	26.81	29.41	30	PASS
N78(3700-3800)	30	80	DFT-16QAM	M	1RB1	25.51	28.11	30	PASS
N78(3700-3800)	30	80	DFT-QPSK	H	1RB1	26.61	29.21	30	PASS
N78(3700-3800)	30	80	DFT-16QAM	H	1RB1	25.19	27.79	30	PASS
N78(3700-3800)	30	70	DFT-QPSK	L	1RB1	26.77	29.37	30	PASS
N78(3700-3800)	30	70	DFT-16QAM	L	1RB1	25.64	28.24	30	PASS
N78(3700-3800)	30	70	DFT-QPSK	M	1RB1	26.55	29.15	30	PASS
N78(3700-3800)	30	70	DFT-16QAM	M	1RB1	25.60	28.20	30	PASS
N78(3700-3800)	30	70	DFT-QPSK	H	1RB1	26.52	29.12	30	PASS
N78(3700-3800)	30	70	DFT-16QAM	H	1RB1	25.34	27.94	30	PASS



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N78(3700-3800)	30	60	DFT-QPSK	L	1RB1	26.54	29.14	30	PASS
N78(3700-3800)	30	60	DFT-16QAM	L	1RB1	25.66	28.26	30	PASS
N78(3700-3800)	30	60	DFT-QPSK	M	1RB1	26.60	29.20	30	PASS
N78(3700-3800)	30	60	DFT-16QAM	M	1RB1	25.54	28.14	30	PASS
N78(3700-3800)	30	60	DFT-QPSK	H	1RB1	26.46	29.06	30	PASS
N78(3700-3800)	30	60	DFT-16QAM	H	1RB1	25.50	28.10	30	PASS
N78(3700-3800)	30	50	DFT-QPSK	L	1RB1	26.60	29.20	30	PASS
N78(3700-3800)	30	50	DFT-16QAM	L	1RB1	25.35	27.95	30	PASS
N78(3700-3800)	30	50	DFT-QPSK	M	1RB1	26.77	29.37	30	PASS
N78(3700-3800)	30	50	DFT-16QAM	M	1RB1	25.40	28.00	30	PASS
N78(3700-3800)	30	50	DFT-QPSK	H	1RB1	26.50	29.10	30	PASS
N78(3700-3800)	30	50	DFT-16QAM	H	1RB1	25.50	28.10	30	PASS
N78(3700-3800)	30	40	DFT-QPSK	L	1RB1	26.92	29.52	30	PASS
N78(3700-3800)	30	40	DFT-16QAM	L	1RB1	25.47	28.07	30	PASS
N78(3700-3800)	30	40	DFT-QPSK	M	1RB1	26.36	28.96	30	PASS
N78(3700-3800)	30	40	DFT-16QAM	M	1RB1	25.41	28.01	30	PASS
N78(3700-3800)	30	40	DFT-QPSK	H	1RB1	26.62	29.22	30	PASS
N78(3700-3800)	30	40	DFT-16QAM	H	1RB1	25.58	28.18	30	PASS
N78(3700-3800)	30	30	DFT-QPSK	L	1RB1	26.38	28.98	30	PASS
N78(3700-3800)	30	30	DFT-16QAM	L	1RB1	25.57	28.17	30	PASS
N78(3700-3800)	30	30	DFT-QPSK	M	1RB1	26.63	29.23	30	PASS
N78(3700-3800)	30	30	DFT-16QAM	M	1RB1	25.31	27.91	30	PASS
N78(3700-3800)	30	30	DFT-QPSK	H	1RB1	26.45	29.05	30	PASS
N78(3700-3800)	30	30	DFT-16QAM	H	1RB1	25.69	28.29	30	PASS
N78(3700-3800)	30	20	DFT-QPSK	L	1RB1	26.58	29.18	30	PASS
N78(3700-3800)	30	20	DFT-16QAM	L	1RB1	25.45	28.05	30	PASS
N78(3700-3800)	30	20	DFT-QPSK	M	1RB1	26.71	29.31	30	PASS
N78(3700-3800)	30	20	DFT-16QAM	M	1RB1	25.64	28.24	30	PASS
N78(3700-3800)	30	20	DFT-QPSK	H	1RB1	26.59	29.19	30	PASS
N78(3700-3800)	30	20	DFT-16QAM	H	1RB1	25.43	28.03	30	PASS
N78(3700-3800)	30	15	DFT-QPSK	L	1RB1	26.57	29.17	30	PASS
N78(3700-3800)	30	15	DFT-16QAM	L	1RB1	25.33	27.93	30	PASS
N78(3700-3800)	30	15	DFT-QPSK	M	1RB1	26.71	29.31	30	PASS
N78(3700-3800)	30	15	DFT-16QAM	M	1RB1	25.68	28.28	30	PASS
N78(3700-3800)	30	15	DFT-QPSK	H	1RB1	26.60	29.20	30	PASS
N78(3700-3800)	30	15	DFT-16QAM	H	1RB1	25.22	27.82	30	PASS
N78(3700-3800)	30	10	DFT-QPSK	L	1RB1	26.59	29.19	30	PASS



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N78(3700-3800)	30	10	DFT-16QAM	L	1RB1	25.12	27.72	30	PASS
N78(3700-3800)	30	10	DFT-QPSK	M	1RB1	26.61	29.21	30	PASS
N78(3700-3800)	30	10	DFT-16QAM	M	1RB1	25.75	28.35	30	PASS
N78(3700-3800)	30	10	DFT-QPSK	H	1RB1	26.64	29.24	30	PASS
N78(3700-3800)	30	10	DFT-16QAM	H	1RB1	25.33	27.93	30	PASS



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Effective (Isotropic) Radiated Power Output Data for

SEWM2309000395RG02

Test Result

Ant6:

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N78(3700-3800)	30	100	DFT-PI2BPSK	M	1RB1	26.95	29.55	30	PASS
N78(3700-3800)	30	100	DFT-PI2BPSK	M	1RB271	26.47	29.07	30	PASS
N78(3700-3800)	30	100	DFT-PI2BPSK	M	272RB0	25.7	28.3	30	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	L	Outer_Full	9.51	≤13	PASS
N78-3700-3800	30	100	CP-256QAM	L	Outer_Full	10.06	≤13	PASS
N78-3700-3800	30	100	DFT-256QAM	M	Outer_Full	9.66	≤13	PASS
N78-3700-3800	30	100	CP-256QAM	M	Outer_Full	10.00	≤13	PASS
N78-3700-3800	30	100	DFT-256QAM	H	Outer_Full	9.86	≤13	PASS
N78-3700-3800	30	100	CP-256QAM	H	Outer_Full	10.25	≤13	PASS



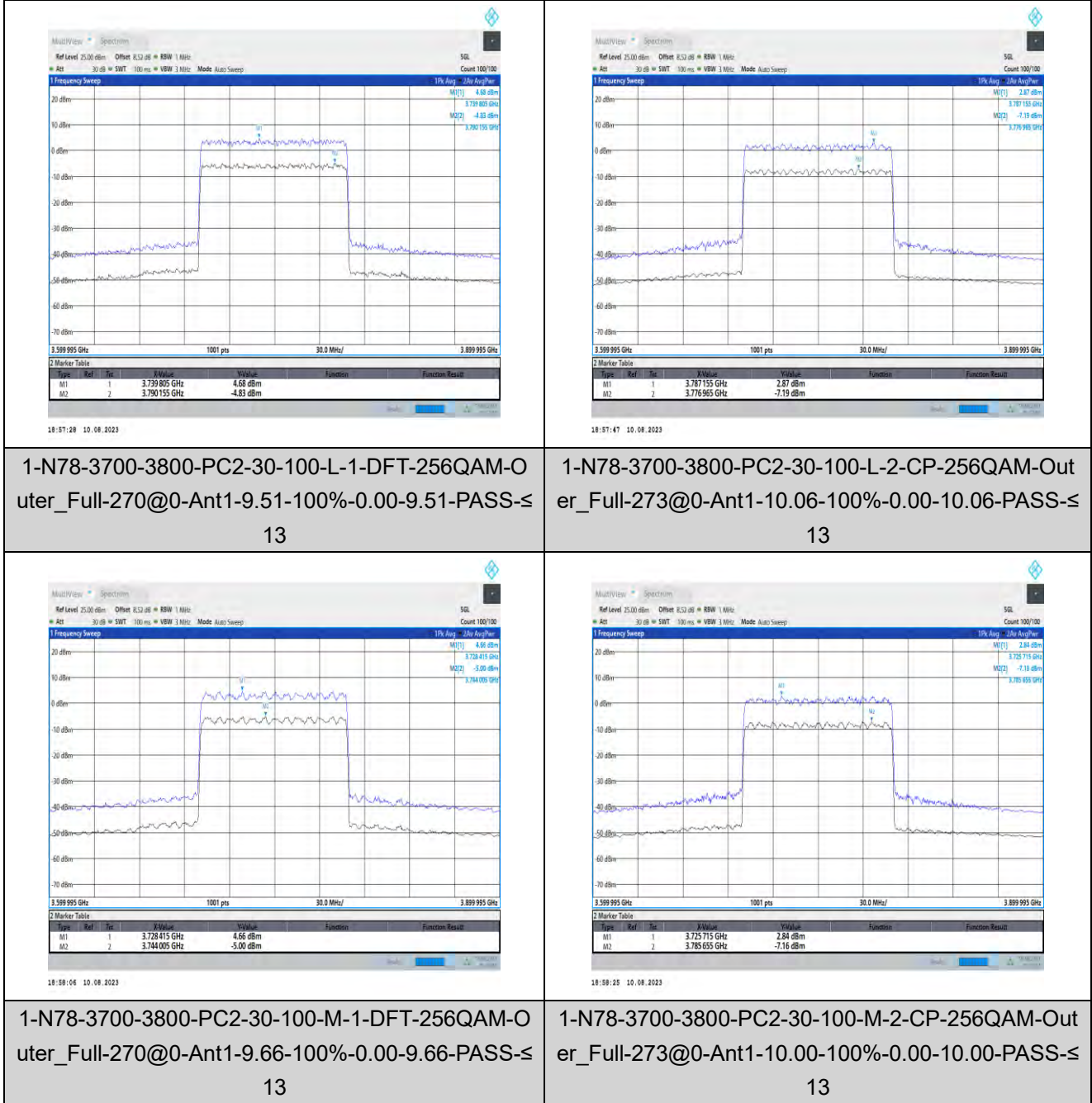
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Test Graphs



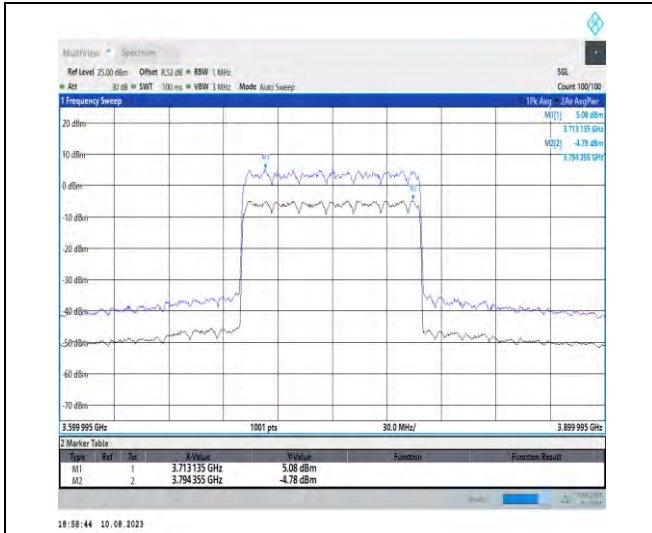
1-N78-3700-3800-PC2-30-100-L-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.51-100%-0.00-9.51-PASS-≤
13

1-N78-3700-3800-PC2-30-100-L-2-CP-256QAM-Outer_Full-273@0-Ant1-10.06-100%-0.00-10.06-PASS-≤
13

1-N78-3700-3800-PC2-30-100-M-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.66-100%-0.00-9.66-PASS-≤
13

1-N78-3700-3800-PC2-30-100-M-2-CP-256QAM-Outer_Full-273@0-Ant1-10.00-100%-0.00-10.00-PASS-≤
13





1-N78-3700-3800-PC2-30-100-H-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.86-100%-0.00-9.86-PASS-≤

13



1-N78-3700-3800-PC2-30-100-H-2-CP-256QAM-Outer_Full-273@0-Ant1-10.25-100%-0.00-10.25-PASS-≤

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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	8.618	9.920	PASS
N78-3700-3800	30	10	DFT-PI2BPSK	M	Outer_Full	8.603	9.800	PASS
N78-3700-3800	30	10	DFT-16QAM	M	Outer_Full	8.606	9.600	PASS
N78-3700-3800	30	10	DFT-64QAM	M	Outer_Full	8.562	9.520	PASS
N78-3700-3800	30	10	DFT-256QAM	M	Outer_Full	8.603	9.520	PASS
N78-3700-3800	30	10	CP-QPSK	M	Outer_Full	8.597	10.140	PASS
N78-3700-3800	30	10	CP-16QAM	M	Outer_Full	8.554	9.820	PASS
N78-3700-3800	30	10	CP-64QAM	M	Outer_Full	8.602	9.800	PASS
N78-3700-3800	30	10	CP-256QAM	M	Outer_Full	8.574	9.080	PASS
N78-3700-3800	30	15	DFT-QPSK	M	Outer_Full	12.869	14.220	PASS
N78-3700-3800	30	15	DFT-PI2BPSK	M	Outer_Full	12.792	14.040	PASS
N78-3700-3800	30	15	DFT-16QAM	M	Outer_Full	12.853	14.220	PASS
N78-3700-3800	30	15	DFT-64QAM	M	Outer_Full	12.913	13.710	PASS
N78-3700-3800	30	15	DFT-256QAM	M	Outer_Full	12.835	14.370	PASS
N78-3700-3800	30	15	CP-QPSK	M	Outer_Full	13.59	14.460	PASS
N78-3700-3800	30	15	CP-16QAM	M	Outer_Full	13.599	15.300	PASS
N78-3700-3800	30	15	CP-64QAM	M	Outer_Full	13.517	14.880	PASS
N78-3700-3800	30	15	CP-256QAM	M	Outer_Full	13.574	14.730	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Outer_Full	17.827	18.960	PASS
N78-3700-3800	30	20	DFT-PI2BPSK	M	Outer_Full	17.827	19.200	PASS
N78-3700-3800	30	20	DFT-16QAM	M	Outer_Full	17.859	19.280	PASS
N78-3700-3800	30	20	DFT-64QAM	M	Outer_Full	17.911	19.200	PASS
N78-3700-3800	30	20	DFT-256QAM	M	Outer_Full	17.779	19.000	PASS
N78-3700-3800	30	20	CP-QPSK	M	Outer_Full	18.212	19.920	PASS
N78-3700-3800	30	20	CP-16QAM	M	Outer_Full	18.246	19.400	PASS
N78-3700-3800	30	20	CP-64QAM	M	Outer_Full	18.185	19.440	PASS
N78-3700-3800	30	20	CP-256QAM	M	Outer_Full	18.199	19.320	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Outer_Full	26.643	28.440	PASS
N78-3700-3800	30	30	DFT-PI2BPSK	M	Outer_Full	26.718	28.680	PASS
N78-3700-3800	30	30	DFT-16QAM	M	Outer_Full	26.72	28.800	PASS



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N78-3700-3800	30	30	DFT-64QAM	M	Outer_Full	26.811	28.380	PASS
N78-3700-3800	30	30	DFT-256QAM	M	Outer_Full	26.775	28.560	PASS
N78-3700-3800	30	30	CP-QPSK	M	Outer_Full	27.87	29.340	PASS
N78-3700-3800	30	30	CP-16QAM	M	Outer_Full	27.834	29.400	PASS
N78-3700-3800	30	30	CP-64QAM	M	Outer_Full	27.859	29.460	PASS
N78-3700-3800	30	30	CP-256QAM	M	Outer_Full	27.963	29.340	PASS
N78-3700-3800	30	40	DFT-QPSK	M	Outer_Full	35.718	37.520	PASS
N78-3700-3800	30	40	DFT-PI2BPSK	M	Outer_Full	35.714	37.360	PASS
N78-3700-3800	30	40	DFT-16QAM	M	Outer_Full	35.767	37.200	PASS
N78-3700-3800	30	40	DFT-64QAM	M	Outer_Full	35.869	37.680	PASS
N78-3700-3800	30	40	DFT-256QAM	M	Outer_Full	35.801	37.600	PASS
N78-3700-3800	30	40	CP-QPSK	M	Outer_Full	37.778	39.440	PASS
N78-3700-3800	30	40	CP-16QAM	M	Outer_Full	37.847	39.920	PASS
N78-3700-3800	30	40	CP-64QAM	M	Outer_Full	37.783	39.680	PASS
N78-3700-3800	30	40	CP-256QAM	M	Outer_Full	37.818	39.600	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Outer_Full	45.673	48.100	PASS
N78-3700-3800	30	50	DFT-PI2BPSK	M	Outer_Full	45.691	47.700	PASS
N78-3700-3800	30	50	DFT-16QAM	M	Outer_Full	45.626	47.700	PASS
N78-3700-3800	30	50	DFT-64QAM	M	Outer_Full	45.633	48.000	PASS
N78-3700-3800	30	50	DFT-256QAM	M	Outer_Full	45.607	47.600	PASS
N78-3700-3800	30	50	CP-QPSK	M	Outer_Full	47.491	49.400	PASS
N78-3700-3800	30	50	CP-16QAM	M	Outer_Full	47.495	49.500	PASS
N78-3700-3800	30	50	CP-64QAM	M	Outer_Full	47.498	49.200	PASS
N78-3700-3800	30	50	CP-256QAM	M	Outer_Full	47.39	50.000	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Outer_Full	57.973	60.240	PASS
N78-3700-3800	30	60	DFT-PI2BPSK	M	Outer_Full	57.788	60.120	PASS
N78-3700-3800	30	60	DFT-16QAM	M	Outer_Full	57.705	60.120	PASS
N78-3700-3800	30	60	DFT-64QAM	M	Outer_Full	57.869	60.000	PASS
N78-3700-3800	30	60	DFT-256QAM	M	Outer_Full	57.853	59.640	PASS
N78-3700-3800	30	60	CP-QPSK	M	Outer_Full	57.754	59.760	PASS
N78-3700-3800	30	60	CP-16QAM	M	Outer_Full	57.834	59.640	PASS
N78-3700-3800	30	60	CP-64QAM	M	Outer_Full	57.821	60.240	PASS
N78-3700-3800	30	60	CP-256QAM	M	Outer_Full	57.601	60.000	PASS
N78-3700-3800	30	70	DFT-QPSK	M	Outer_Full	64.41	66.220	PASS
N78-3700-3800	30	70	DFT-PI2BPSK	M	Outer_Full	64.246	66.360	PASS
N78-3700-3800	30	70	DFT-16QAM	M	Outer_Full	64.372	66.360	PASS
N78-3700-3800	30	70	DFT-64QAM	M	Outer_Full	64.233	66.500	PASS



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N78-3700-3800	30	70	DFT-256QAM	M	Outer_Full	64.318	66.360	PASS
N78-3700-3800	30	70	CP-QPSK	M	Outer_Full	67.533	69.860	PASS
N78-3700-3800	30	70	CP-16QAM	M	Outer_Full	67.431	69.440	PASS
N78-3700-3800	30	70	CP-64QAM	M	Outer_Full	67.478	69.440	PASS
N78-3700-3800	30	70	CP-256QAM	M	Outer_Full	67.483	69.440	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Outer_Full	77.174	80.320	PASS
N78-3700-3800	30	80	DFT-PI2BPSK	M	Outer_Full	77.04	80.320	PASS
N78-3700-3800	30	80	DFT-16QAM	M	Outer_Full	77.231	80.320	PASS
N78-3700-3800	30	80	DFT-64QAM	M	Outer_Full	77.256	80.320	PASS
N78-3700-3800	30	80	DFT-256QAM	M	Outer_Full	77.218	80.000	PASS
N78-3700-3800	30	80	CP-QPSK	M	Outer_Full	77.612	80.800	PASS
N78-3700-3800	30	80	CP-16QAM	M	Outer_Full	77.56	80.640	PASS
N78-3700-3800	30	80	CP-64QAM	M	Outer_Full	77.584	80.640	PASS
N78-3700-3800	30	80	CP-256QAM	M	Outer_Full	77.255	80.320	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Outer_Full	85.623	88.920	PASS
N78-3700-3800	30	90	DFT-PI2BPSK	M	Outer_Full	85.767	89.100	PASS
N78-3700-3800	30	90	DFT-16QAM	M	Outer_Full	85.702	89.280	PASS
N78-3700-3800	30	90	DFT-64QAM	M	Outer_Full	85.641	89.100	PASS
N78-3700-3800	30	90	DFT-256QAM	M	Outer_Full	85.553	89.100	PASS
N78-3700-3800	30	90	CP-QPSK	M	Outer_Full	87.517	90.900	PASS
N78-3700-3800	30	90	CP-16QAM	M	Outer_Full	87.3	90.720	PASS
N78-3700-3800	30	90	CP-64QAM	M	Outer_Full	87.352	90.720	PASS
N78-3700-3800	30	90	CP-256QAM	M	Outer_Full	87.395	90.720	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	96.261	100.000	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	96.359	99.800	PASS
N78-3700-3800	30	100	DFT-16QAM	M	Outer_Full	96.463	100.000	PASS
N78-3700-3800	30	100	DFT-64QAM	M	Outer_Full	96.453	100.000	PASS
N78-3700-3800	30	100	DFT-256QAM	M	Outer_Full	96.48	99.800	PASS
N78-3700-3800	30	100	CP-QPSK	M	Outer_Full	97.667	101.200	PASS
N78-3700-3800	30	100	CP-16QAM	M	Outer_Full	97.419	101.200	PASS
N78-3700-3800	30	100	CP-64QAM	M	Outer_Full	97.203	101.000	PASS
N78-3700-3800	30	100	CP-256QAM	M	Outer_Full	97.377	100.800	PASS



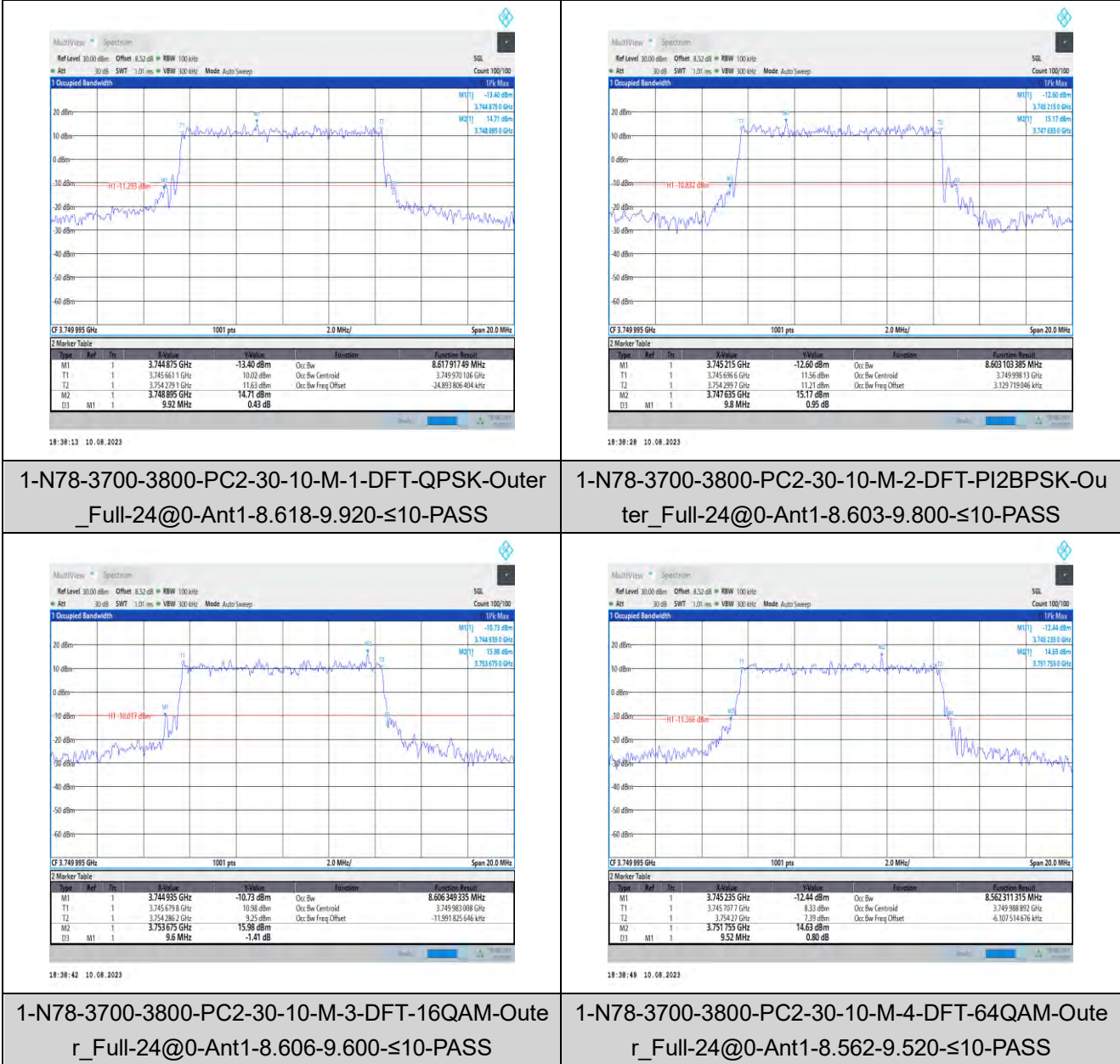
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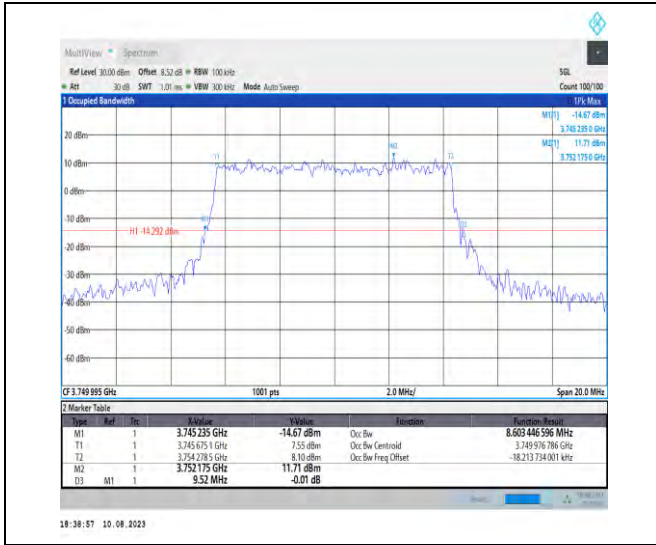
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Test Graphs

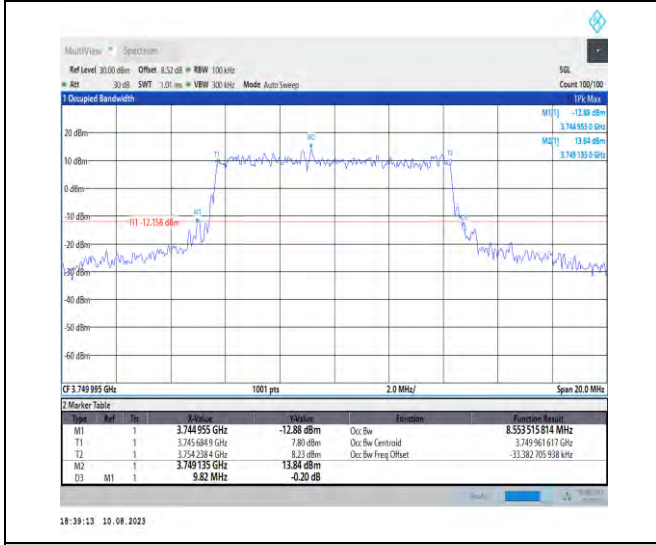




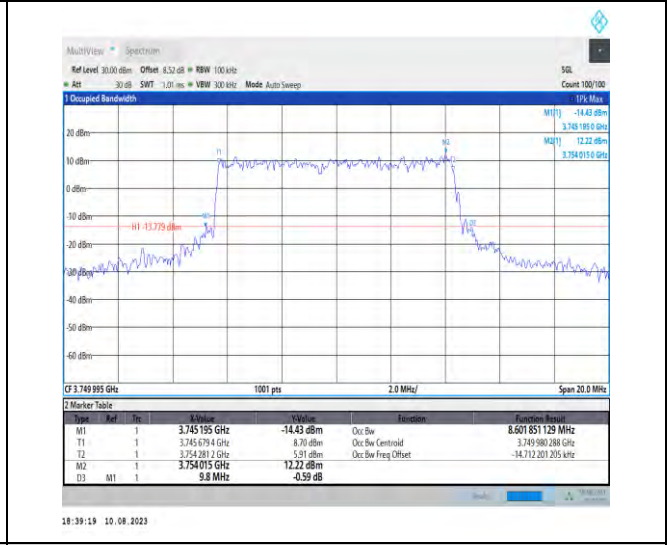
1-N78-3700-3800-PC2-30-10-M-5-DFT-256QAM-Out
_Full-24@0-Ant1-8.603-9.520-≤10-PASS



1-N78-3700-3800-PC2-30-10-M-6-CP-QPSK-Outer_
Full-24@0-Ant1-8.597-10.140-≤10-PASS



1-N78-3700-3800-PC2-30-10-M-7-CP-16QAM-Outer
_Full-24@0-Ant1-8.554-9.820-≤10-PASS



1-N78-3700-3800-PC2-30-10-M-8-CP-64QAM-Outer
_Full-24@0-Ant1-8.602-9.800-≤10-PASS



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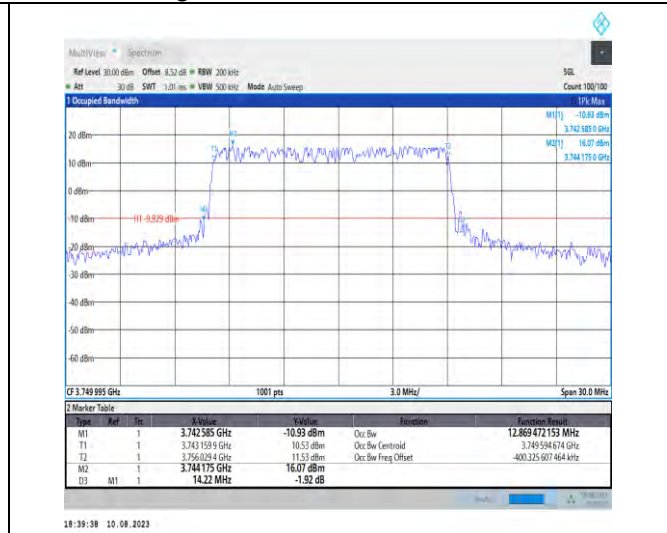
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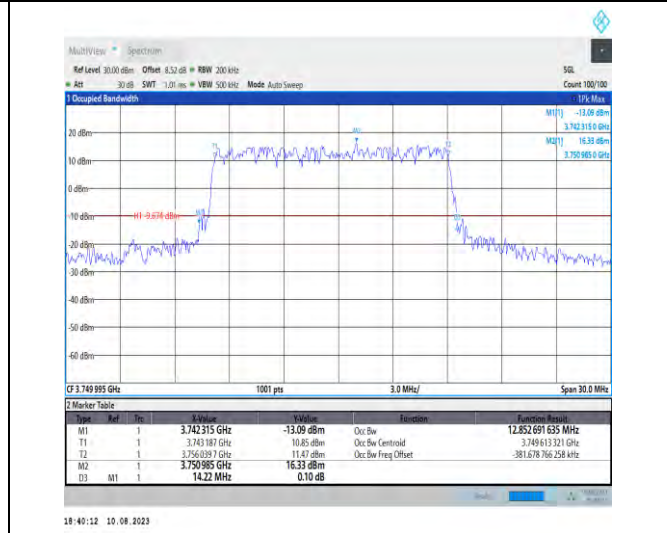
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er_Full-24@0-Ant1-8.574-9.080-≤10-PASS



1-N78-3700-3800-PC2-30-15-M-1-DFT-QPSK-Outer
_Full-36@0-Ant1-12.869-14.220-≤15-PASS



1-N78-3700-3800-PC2-30-15-M-2-DFT-PI2BPSK-Outer
_Full-36@0-Ant1-12.792-14.040-≤15-PASS



1-N78-3700-3800-PC2-30-15-M-3-DFT-16QAM-Outer
_Full-36@0-Ant1-12.853-14.220-≤15-PASS

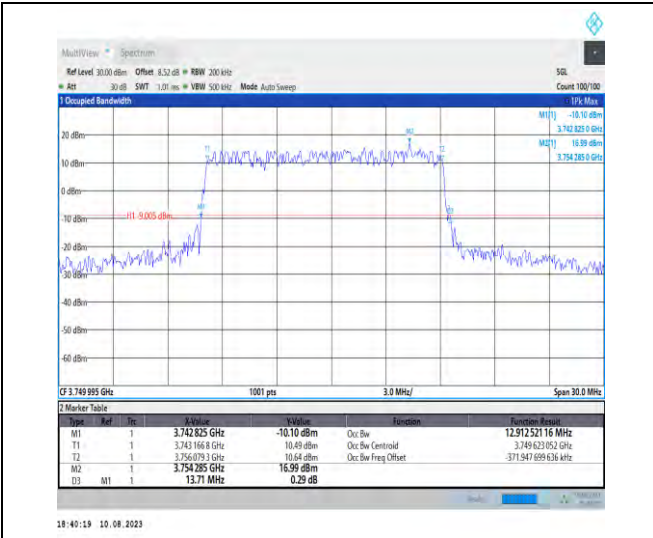


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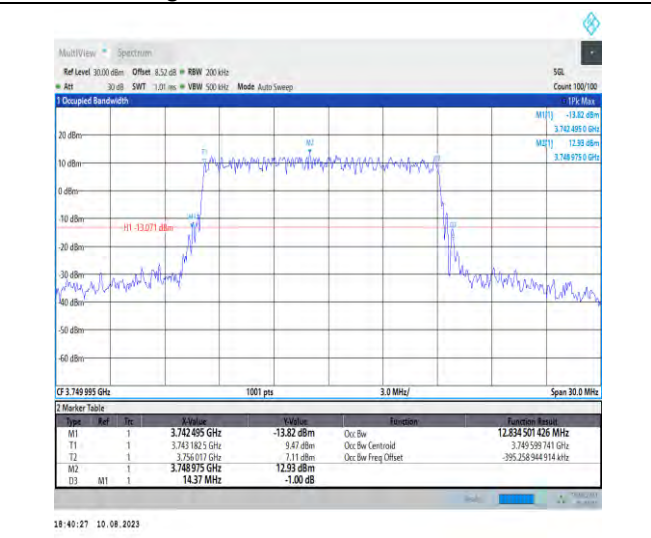
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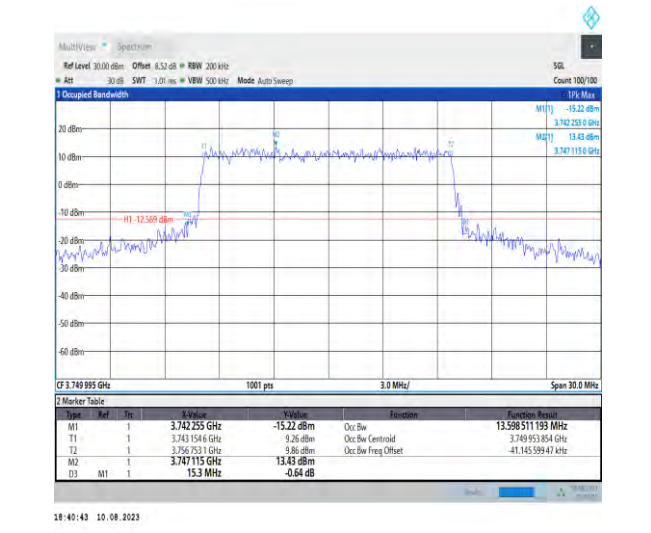
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1-N78-3700-3800-PC2-30-15-M-5-DFT-256QAM-Outer_Full-36@0-Ant1-12.835-14.370-≤15-PASS



1-N78-3700-3800-PC2-30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant1-13.59-14.460-≤15-PASS



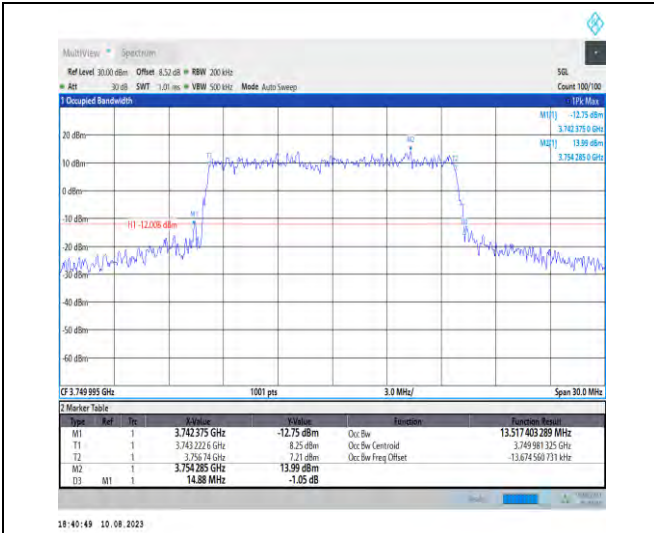
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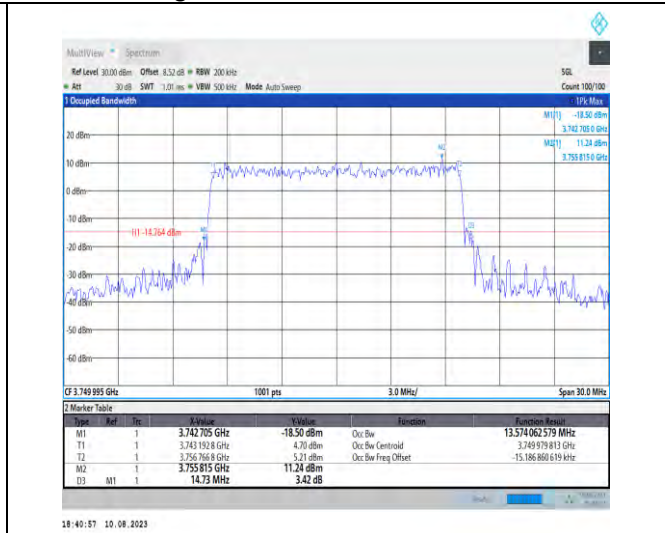
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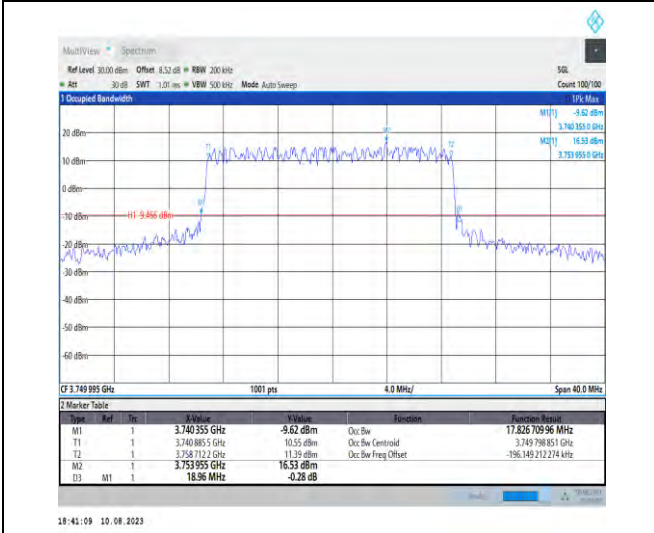
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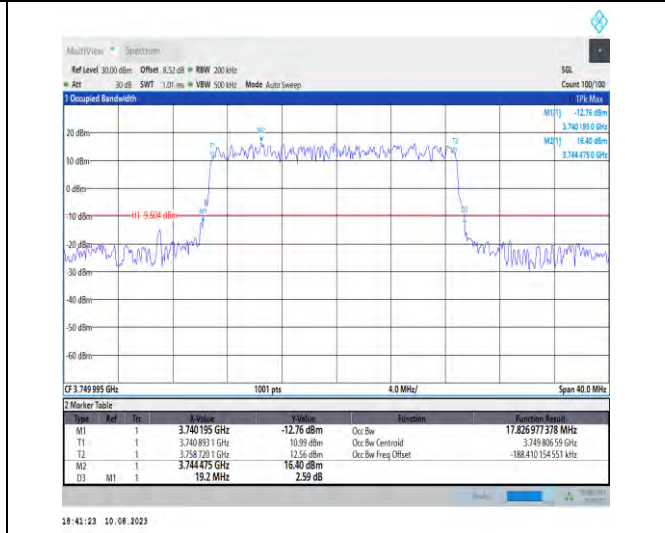
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1-N78-3700-3800-PC2-30-15-M-9-CP-256QAM-Outer_Full-38@0-Ant1-13.574-14.730-≤15-PASS



1-N78-3700-3800-PC2-30-20-M-1-DFT-QPSK-Outer_Full-50@0-Ant1-17.827-18.960-≤20-PASS



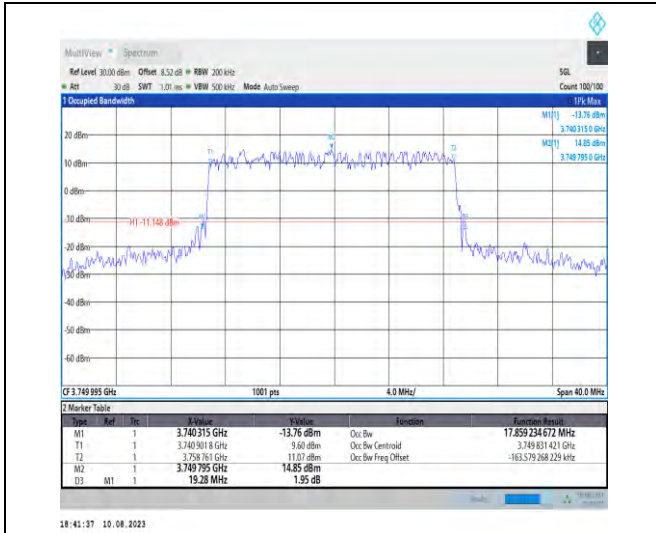
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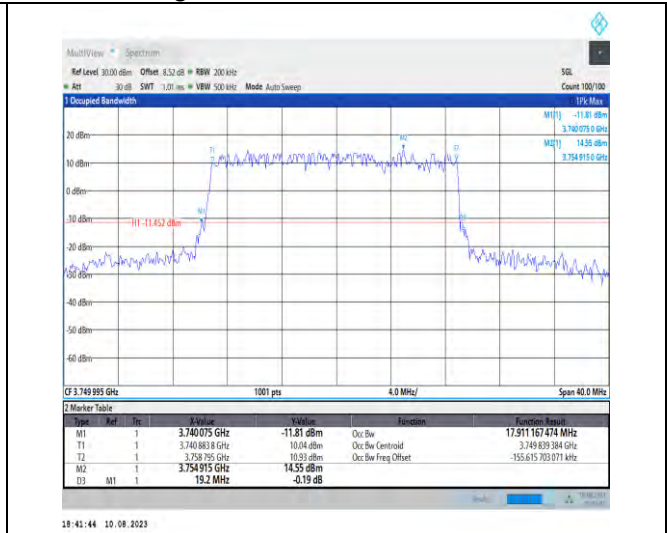
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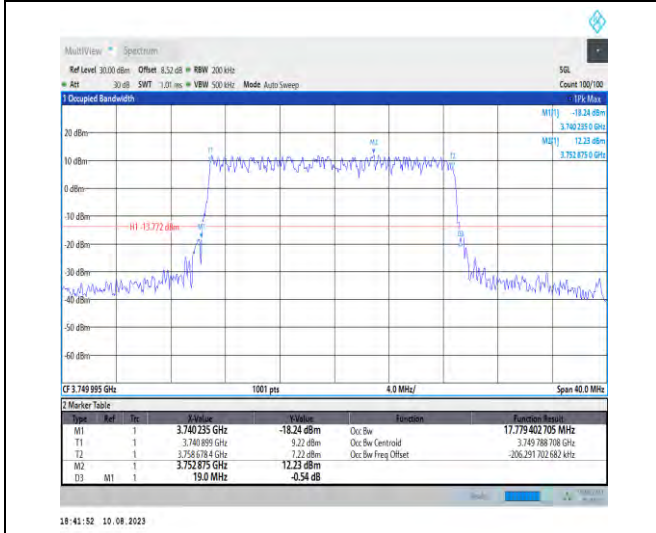
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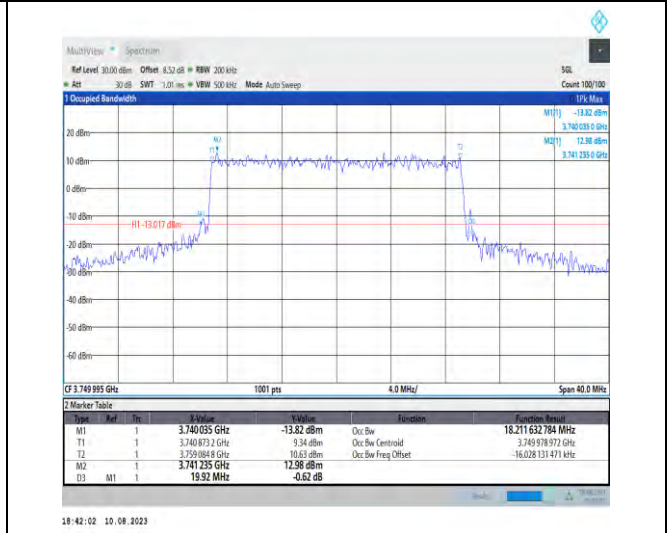
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1-N78-3700-3800-PC2-30-20-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-17.779-19.000-≤20-PASS



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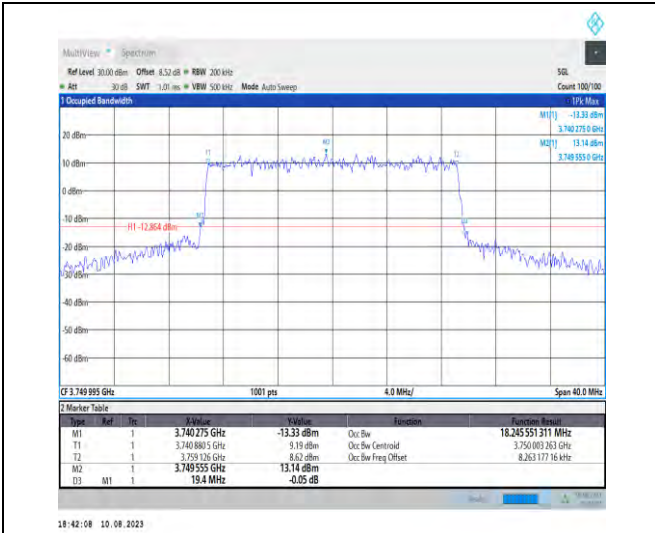


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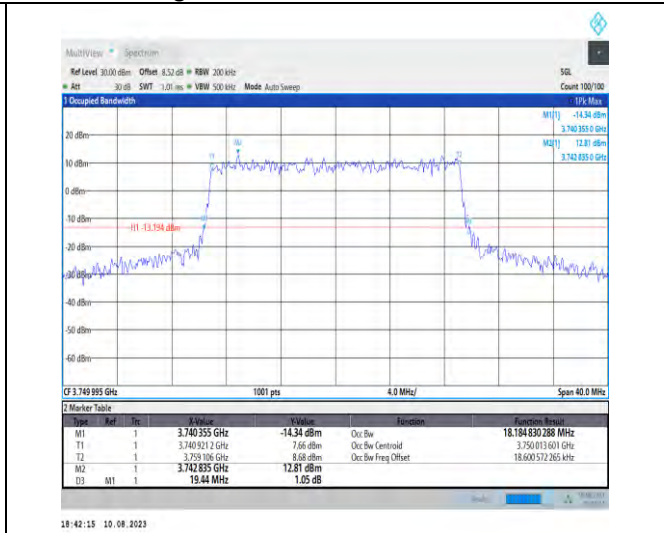
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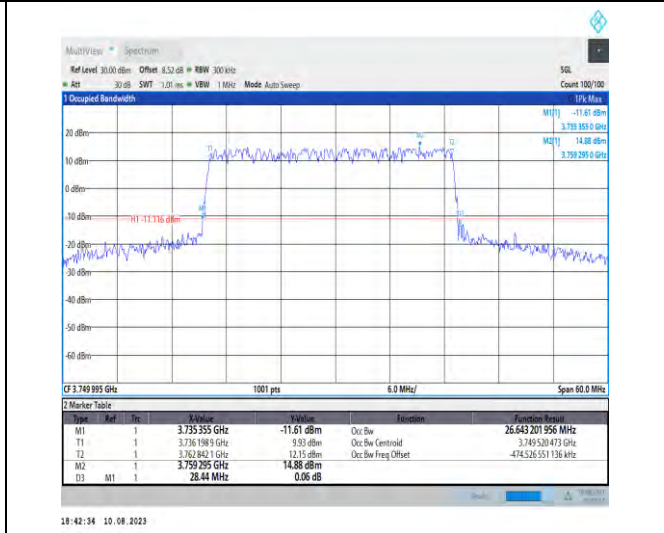
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1-N78-3700-3800-PC2-30-20-M-9-CP-256QAM-Outer_Full-51@0-Ant1-18.199-19.320-≤20-PASS



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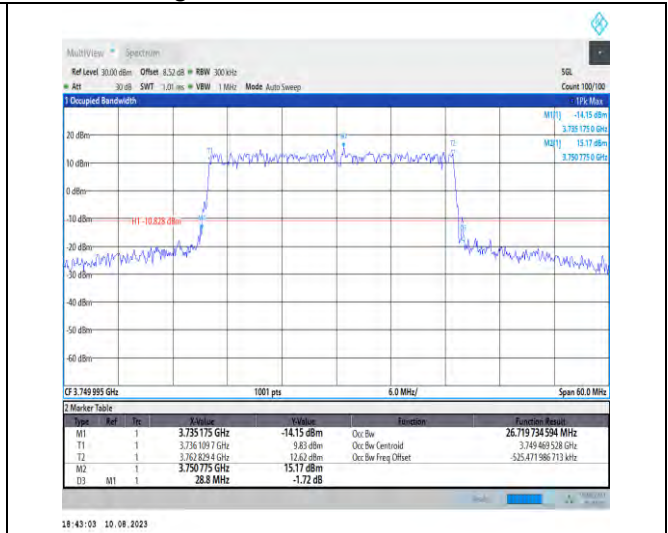
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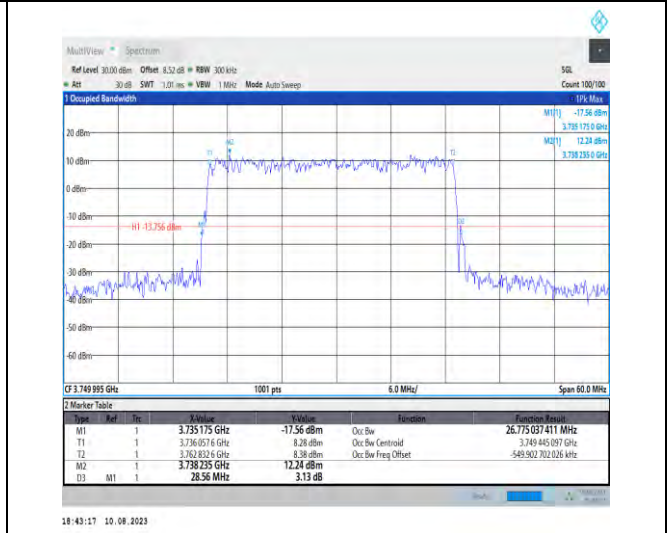
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1-N78-3700-3800-PC2-30-30-M-4-DFT-64QAM-Outer_Full-75@0-Ant1-26.811-28.380-≤30-PASS



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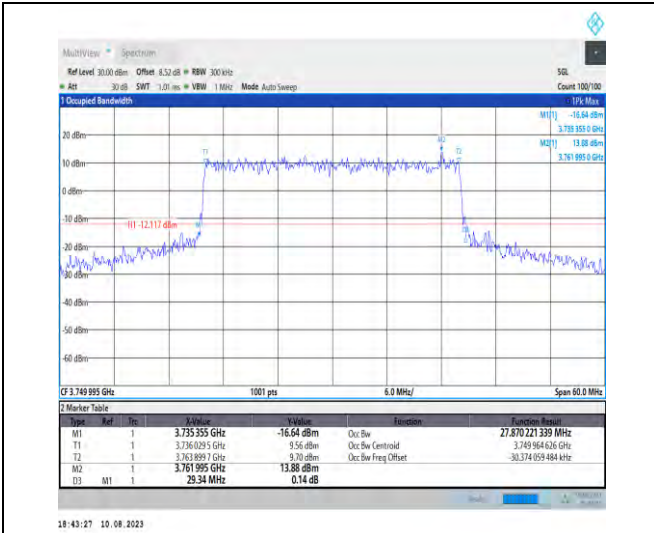


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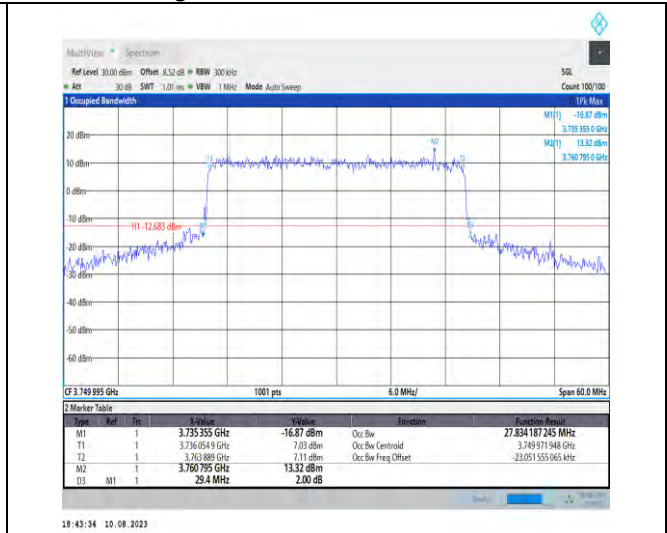
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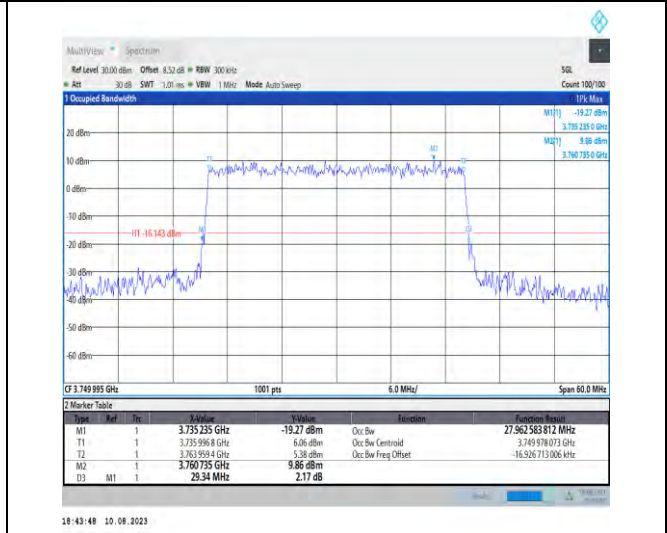
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1-N78-3700-3800-PC2-30-30-M-8-CP-64QAM-Outer_Full-78@0-Ant1-27.859-29.460-≤30-PASS



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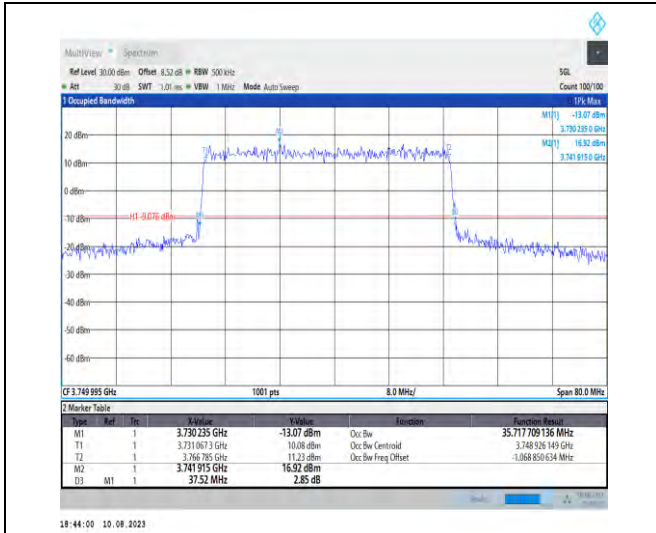


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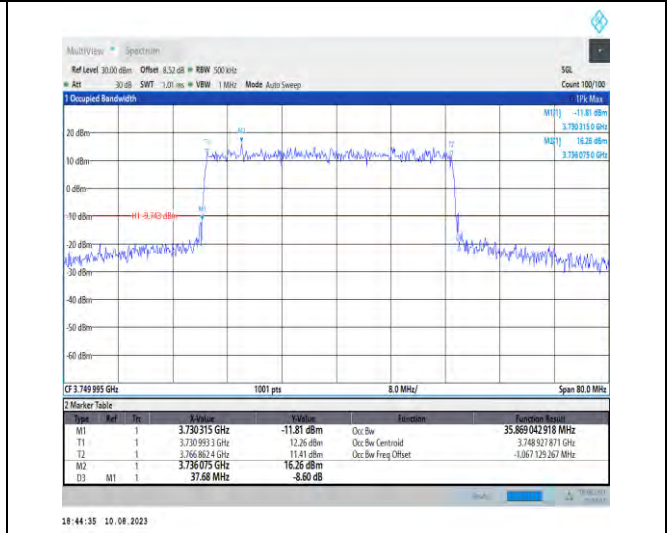
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1-N78-3700-3800-PC2-30-40-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-35.767-37.200-≤40-PASS



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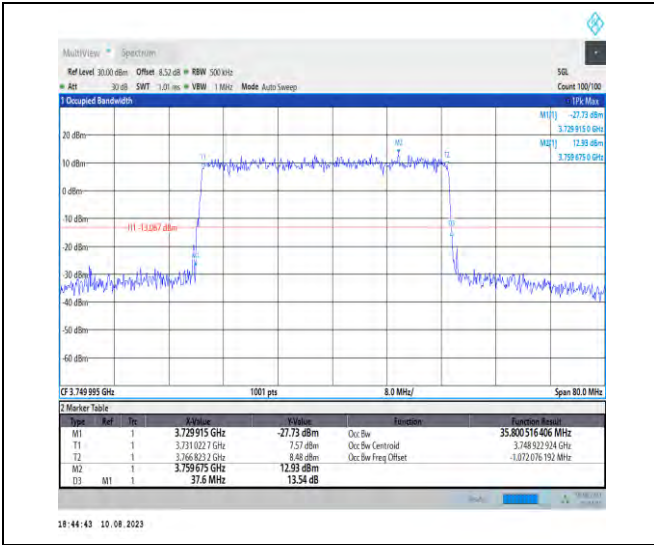


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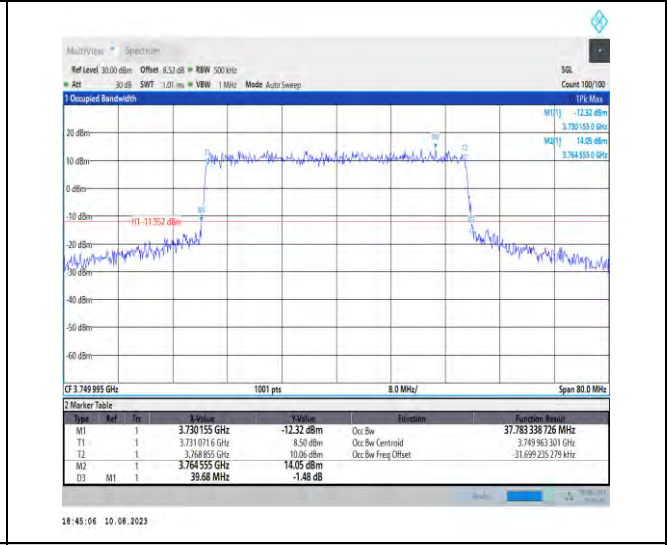
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1-N78-3700-3800-PC2-30-40-M-7-CP-16QAM-Outer_Full-106@0-Ant1-37.847-39.920-≤40-PASS



1-N78-3700-3800-PC2-30-40-M-8-CP-64QAM-Outer_Full-106@0-Ant1-37.783-39.680-≤40-PASS



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1-N78-3700-3800-PC2-30-40-M-9-CP-256QAM-Out er_Full-106@0-Ant1-37.818-39.600-≤40-PASS

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1-N78-3700-3800-PC2-30-50-M-3-DFT-16QAM-Outer_Full-128@0-Ant1-45.626-47.700-≤50-PASS



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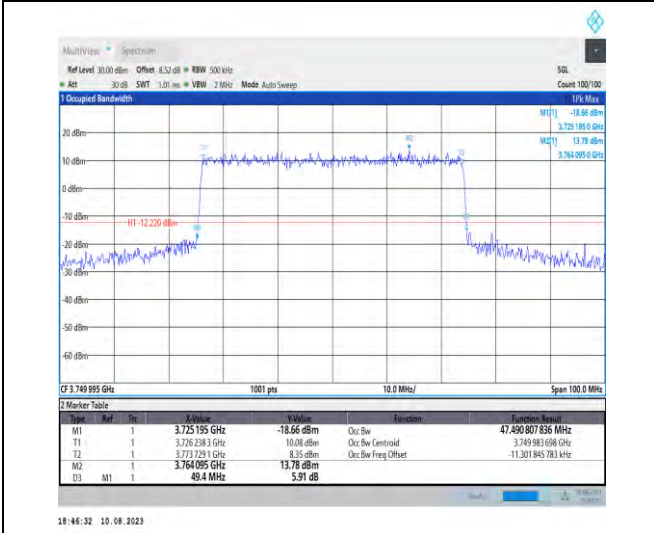
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1-N78-3700-3800-PC2-30-50-M-5-DFT-256QAM-Outer_Full-128@0-Ant1-45.607-47.600-≤50-PASS



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1-N78-3700-3800-PC2-30-50-M-7-CP-16QAM-Outer_Full-133@0-Ant1-47.495-49.500-≤50-PASS



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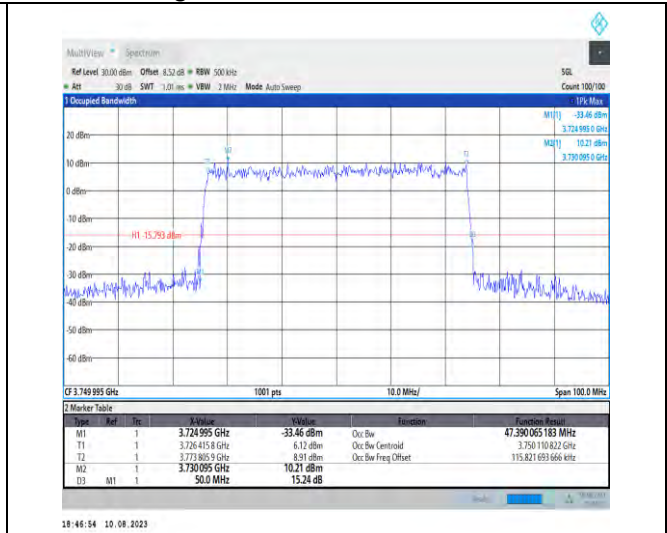
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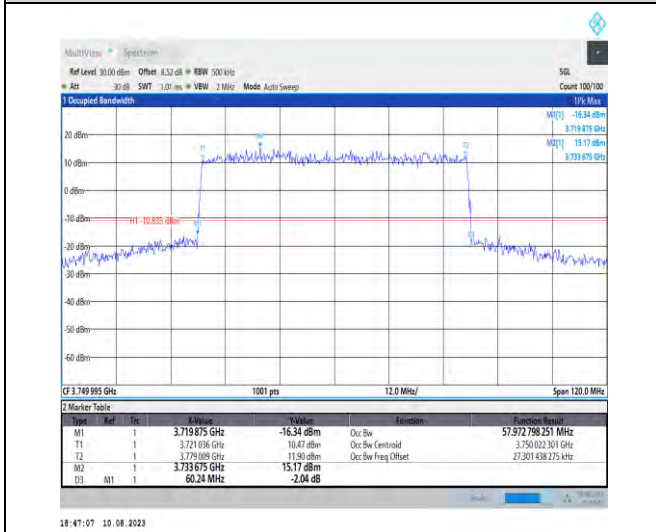
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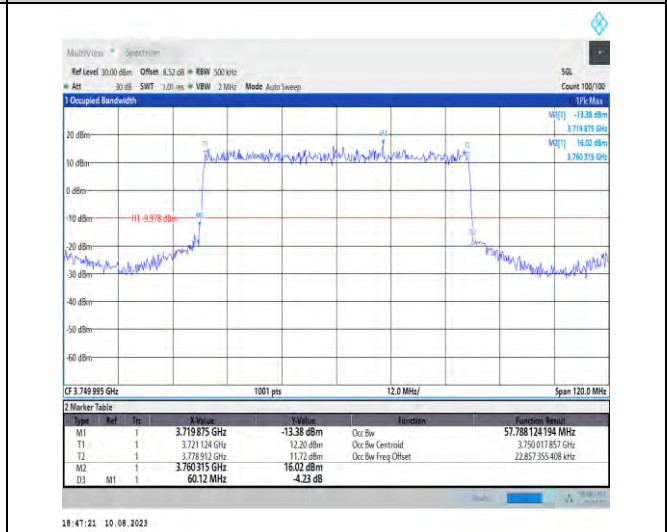
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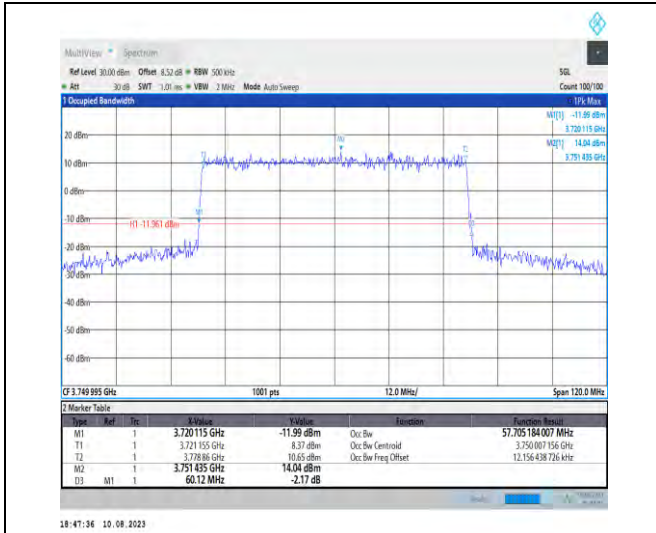


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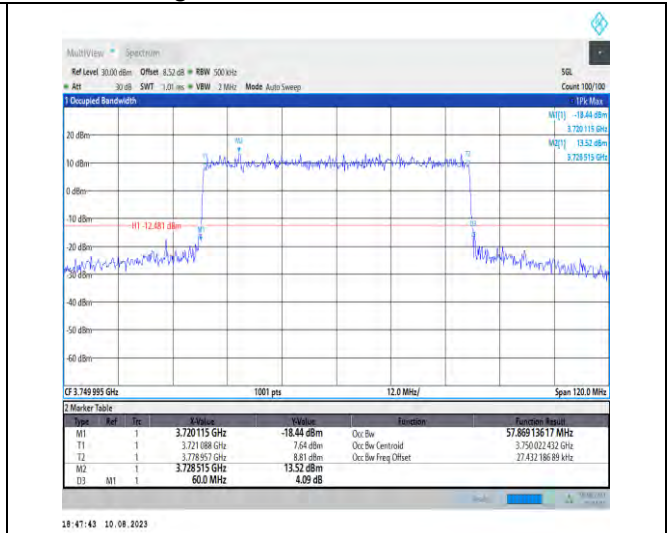
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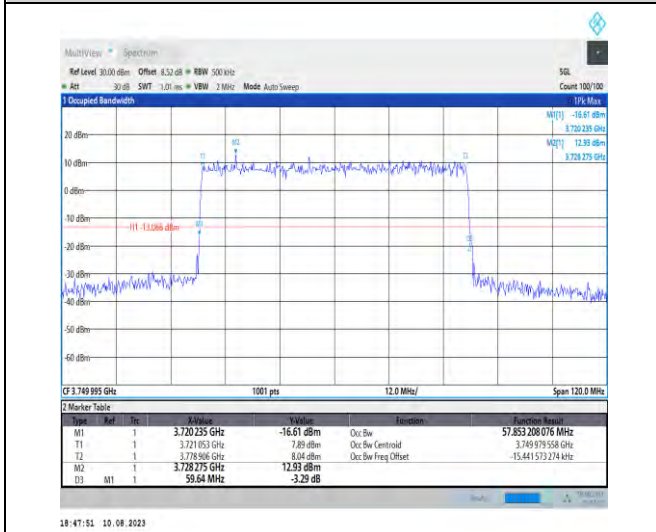
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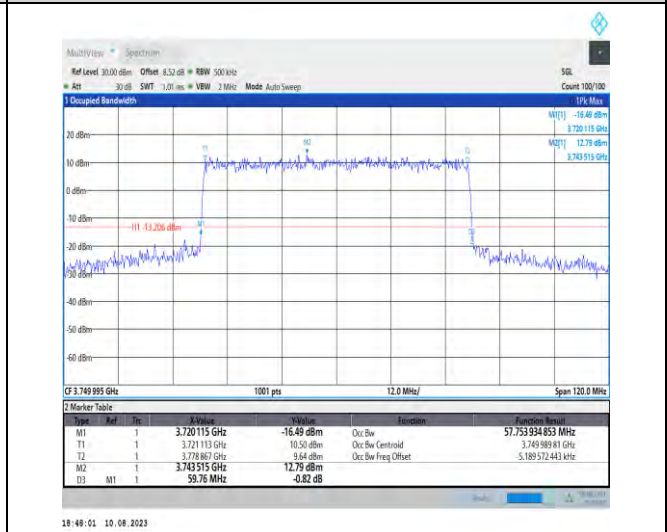
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1-N78-3700-3800-PC2-30-60-M-5-DFT-256QAM-Outer_Full-162@0-Ant1-57.853-59.640-≤60-PASS



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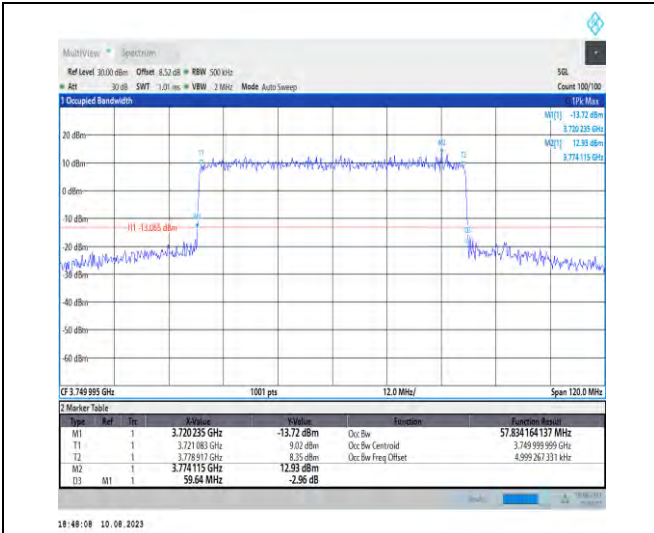


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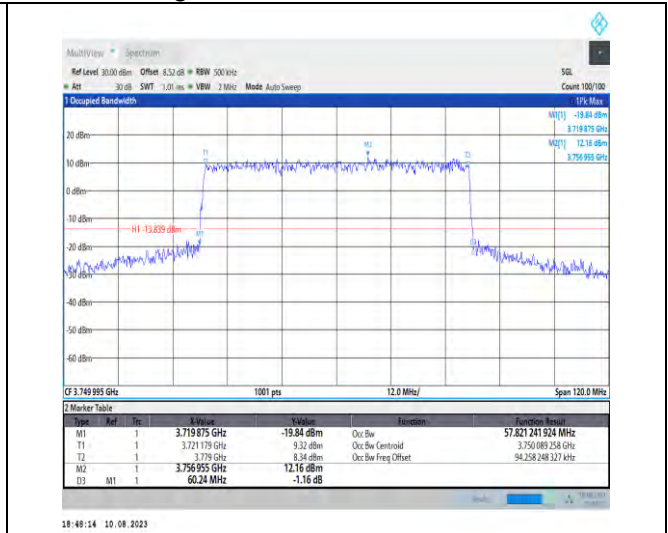
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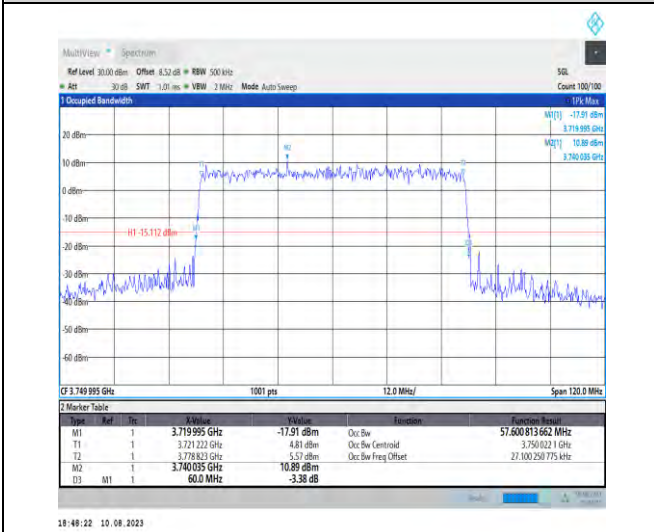
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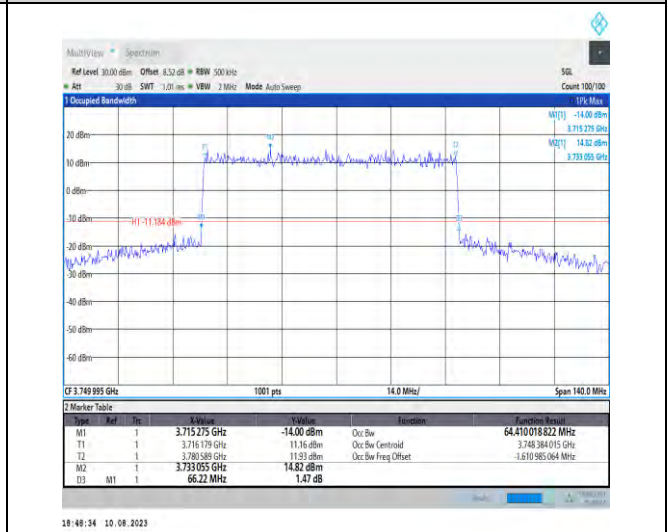
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1-N78-3700-3800-PC2-30-70-M-1-DFT-QPSK-Outer_Full-180@0-Ant1-64.41-66.220-≤70-PASS



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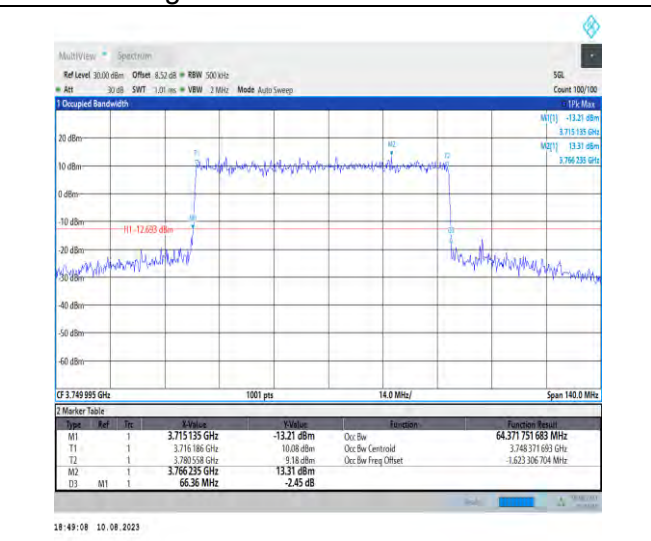
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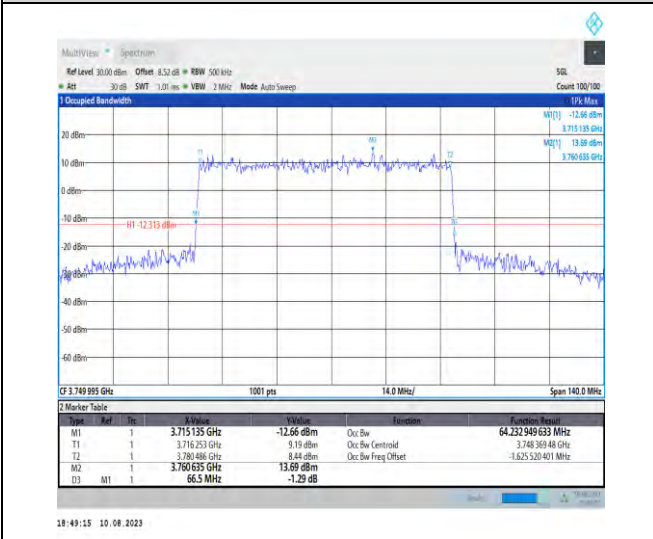
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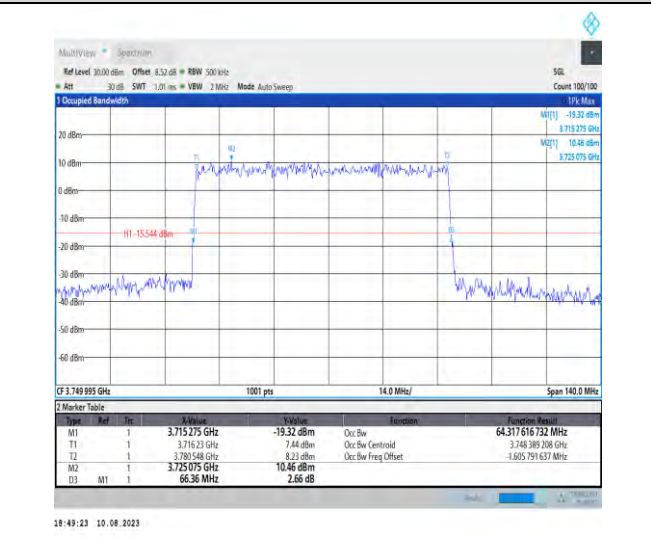
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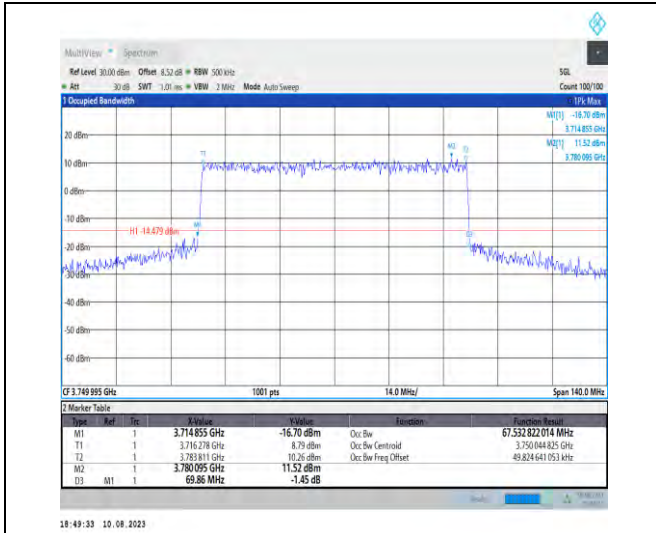
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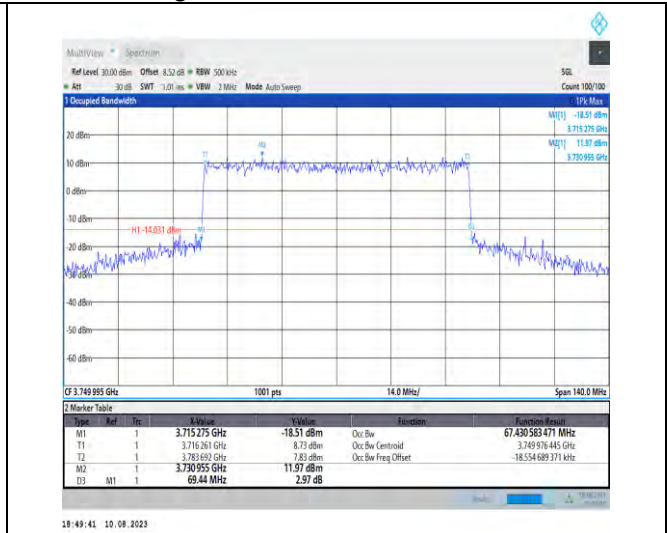
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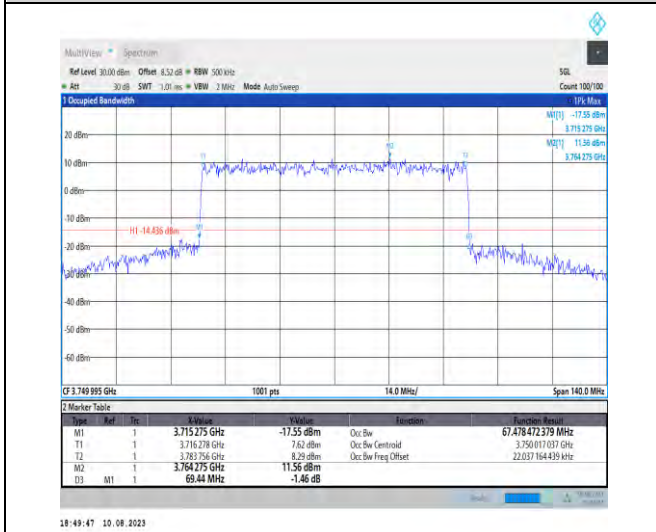
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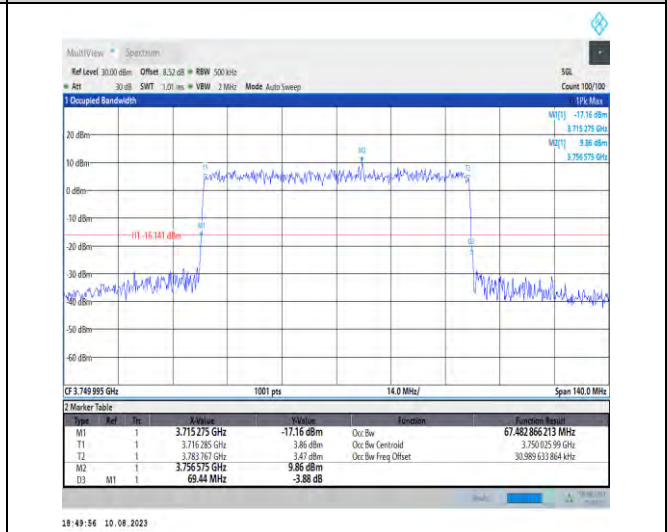
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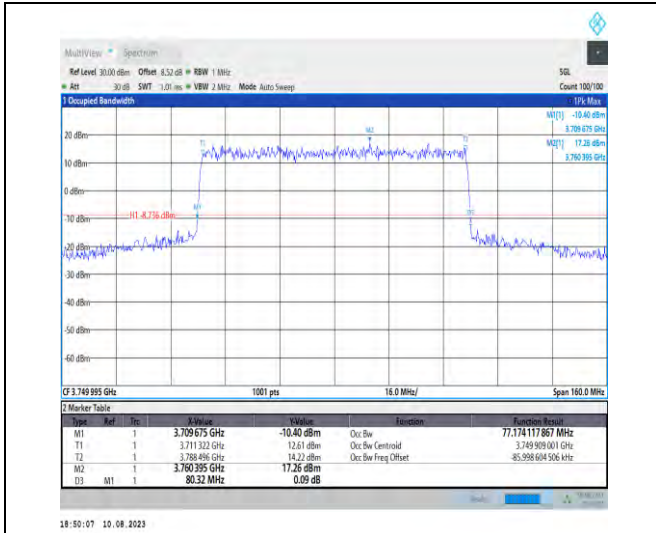


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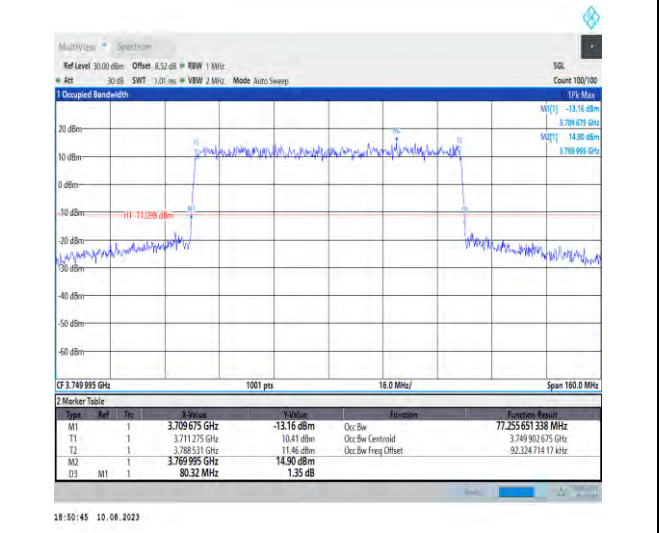
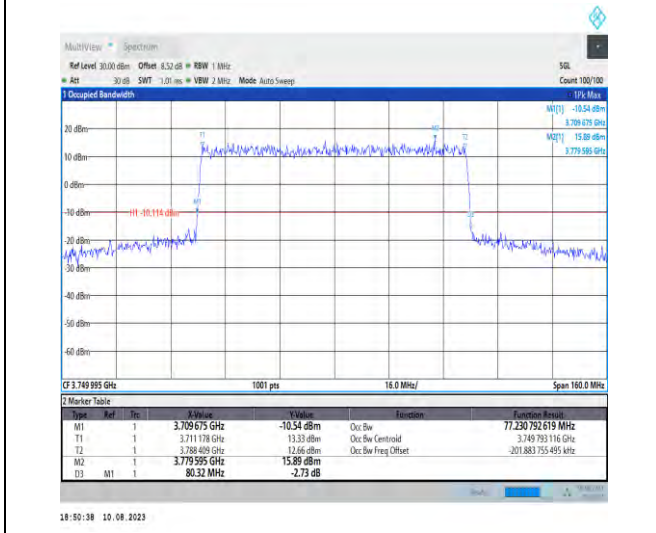
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1-N78-3700-3800-PC2-30-80-M-2-DFT-PI2BPSK-Outer_Full-216@0-Ant1-77.04-80.320-≤80-PASS



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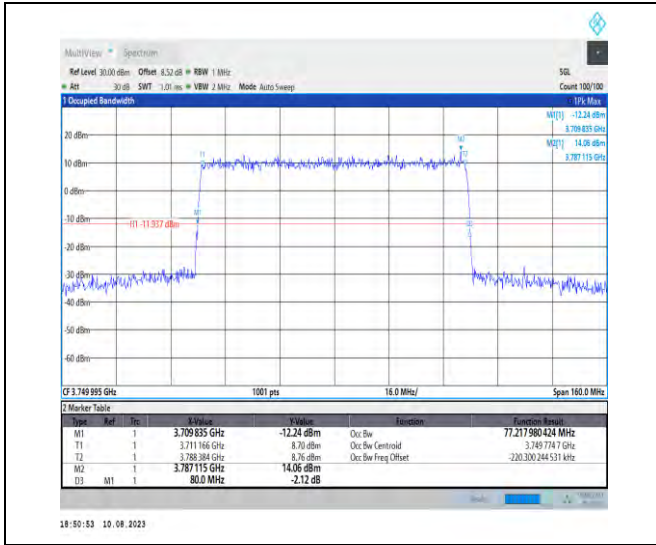
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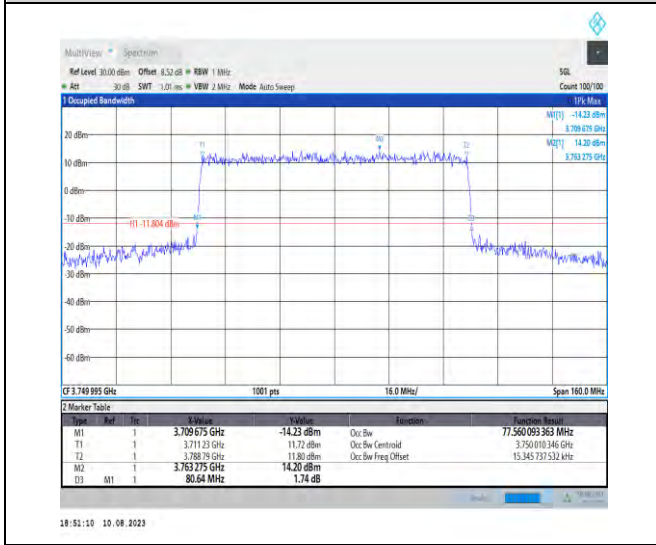
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1-N78-3700-3800-PC2-30-80-M-5-DFT-256QAM-Out_er_Full-216@0-Ant1-77.218-80.000-≤80-PASS



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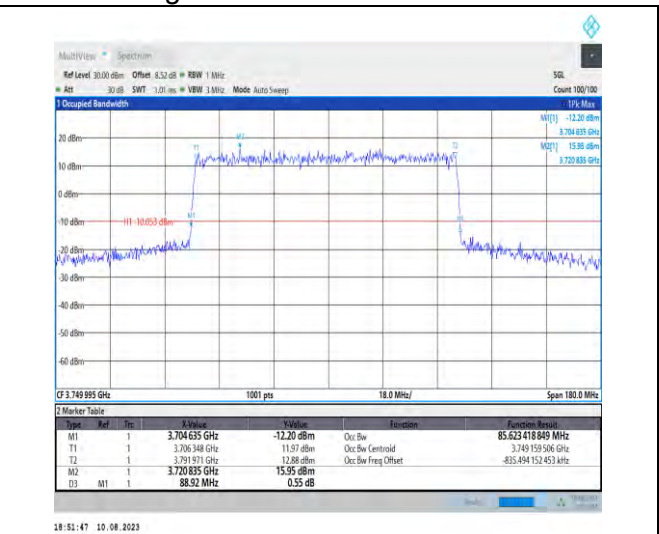
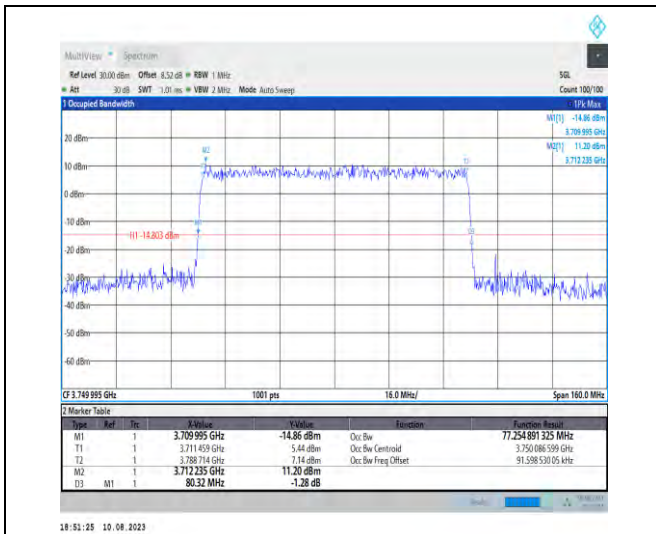


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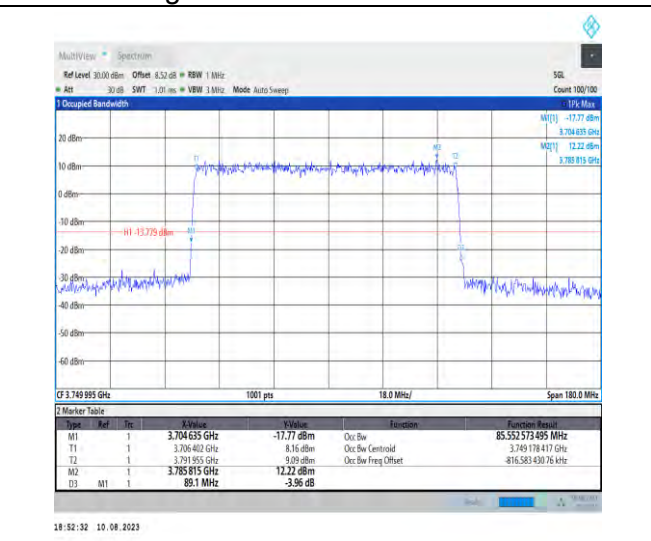
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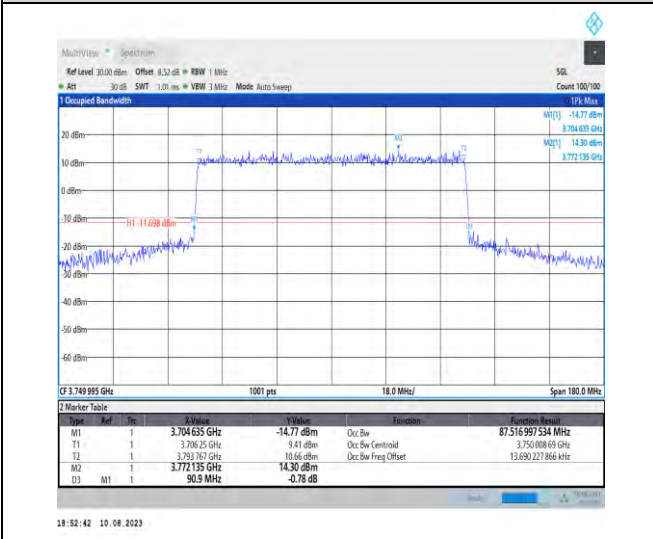
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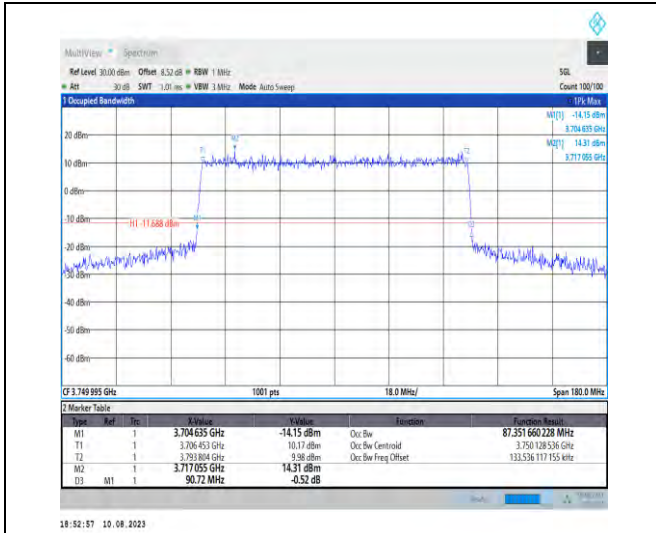
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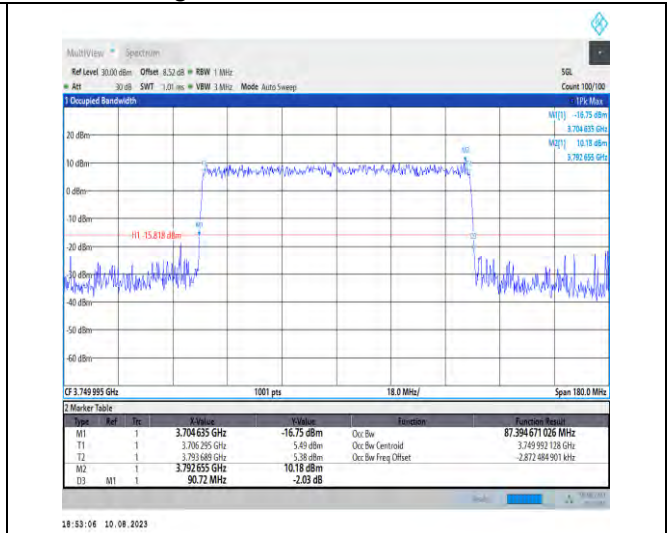
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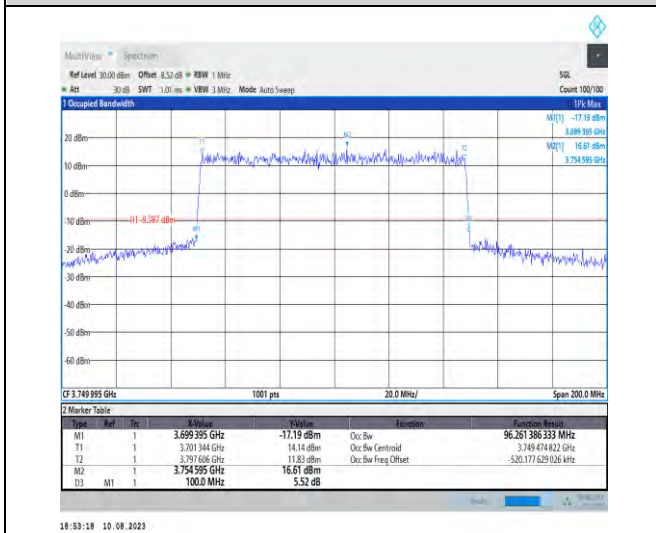
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1-N78-3700-3800-PC2-30-90-M-8-CP-64QAM-Outer_Full-245@0-Ant1-87.352-90.720-≤90-PASS



1-N78-3700-3800-PC2-30-90-M-9-CP-256QAM-Outer_Full-245@0-Ant1-87.395-90.720-≤90-PASS



1-N78-3700-3800-PC2-30-100-M-1-DFT-QPSK-Outer_Full-270@0-Ant1-96.261-100.000-≤100-PASS



1-N78-3700-3800-PC2-30-100-M-2-DFT-PI2BPSK-Outer_Full-270@0-Ant1-96.359-99.800-≤100-PASS



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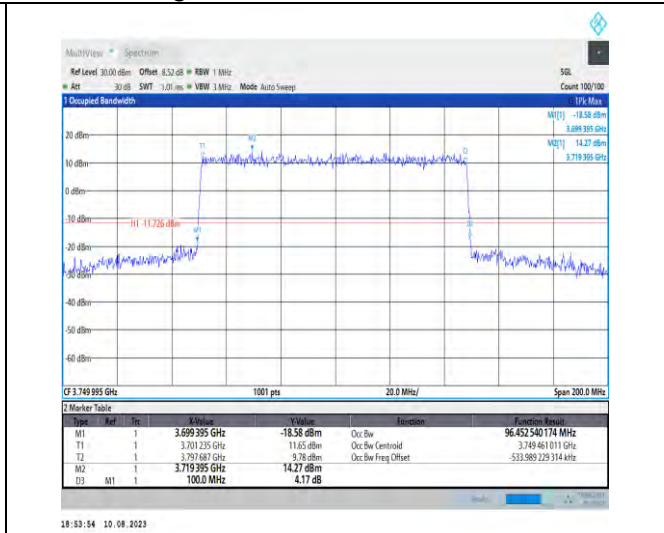
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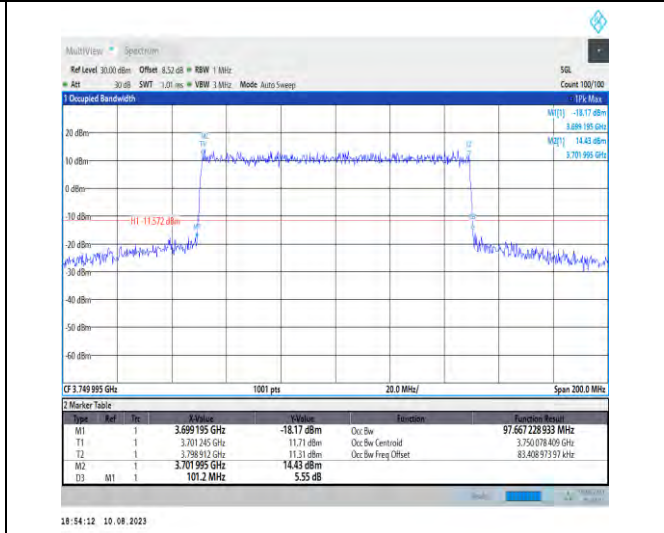
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1-N78-3700-3800-PC2-30-100-M-4-DFT-64QAM-Out er_Full-270@0-Ant1-96.453-100.000-≤100-PASS



1-N78-3700-3800-PC2-30-100-M-5-DFT-256QAM-Outer_Full-270@0-Ant1-96.48-99.800-≤100-PASS



1-N78-3700-3800-PC2-30-100-M-6-CP-QPSK-Outer_Full-273@0-Ant1-97.667-101.200-≤100-PASS

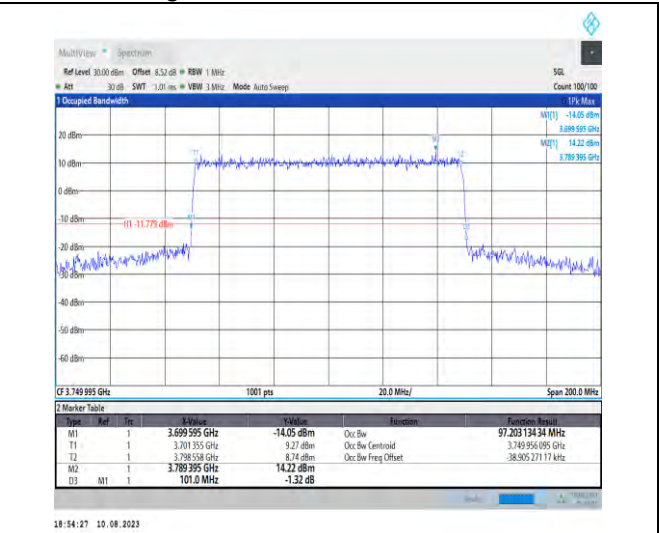
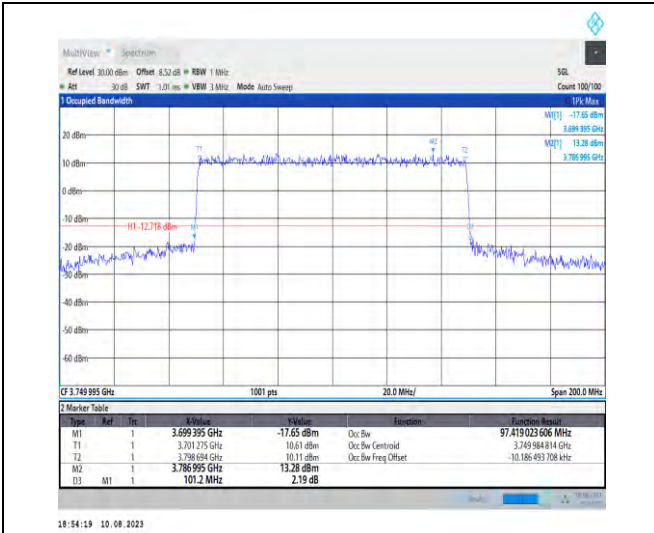


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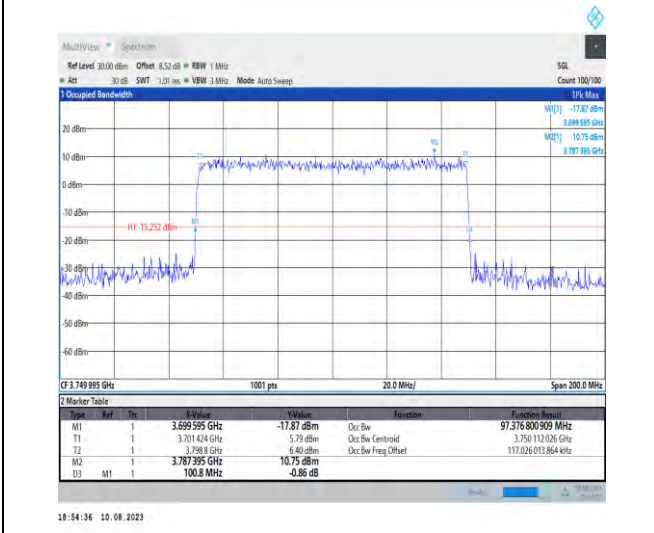
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1-N78-3700-3800-PC2-30-100-M-7-CP-16QAM-Out er_Full-273@0-Ant1-97.419-101.200-≤100-PASS

1-N78-3700-3800-PC2-30-100-M-8-CP-64QAM-Outer_Full-273@0-Ant1-97.203-101.000-≤100-PASS



1-N78-3700-3800-PC2-30-100-M-9-CP-256QAM-Outer_Full-273@0-Ant1-97.377-100.800-≤100-PASS

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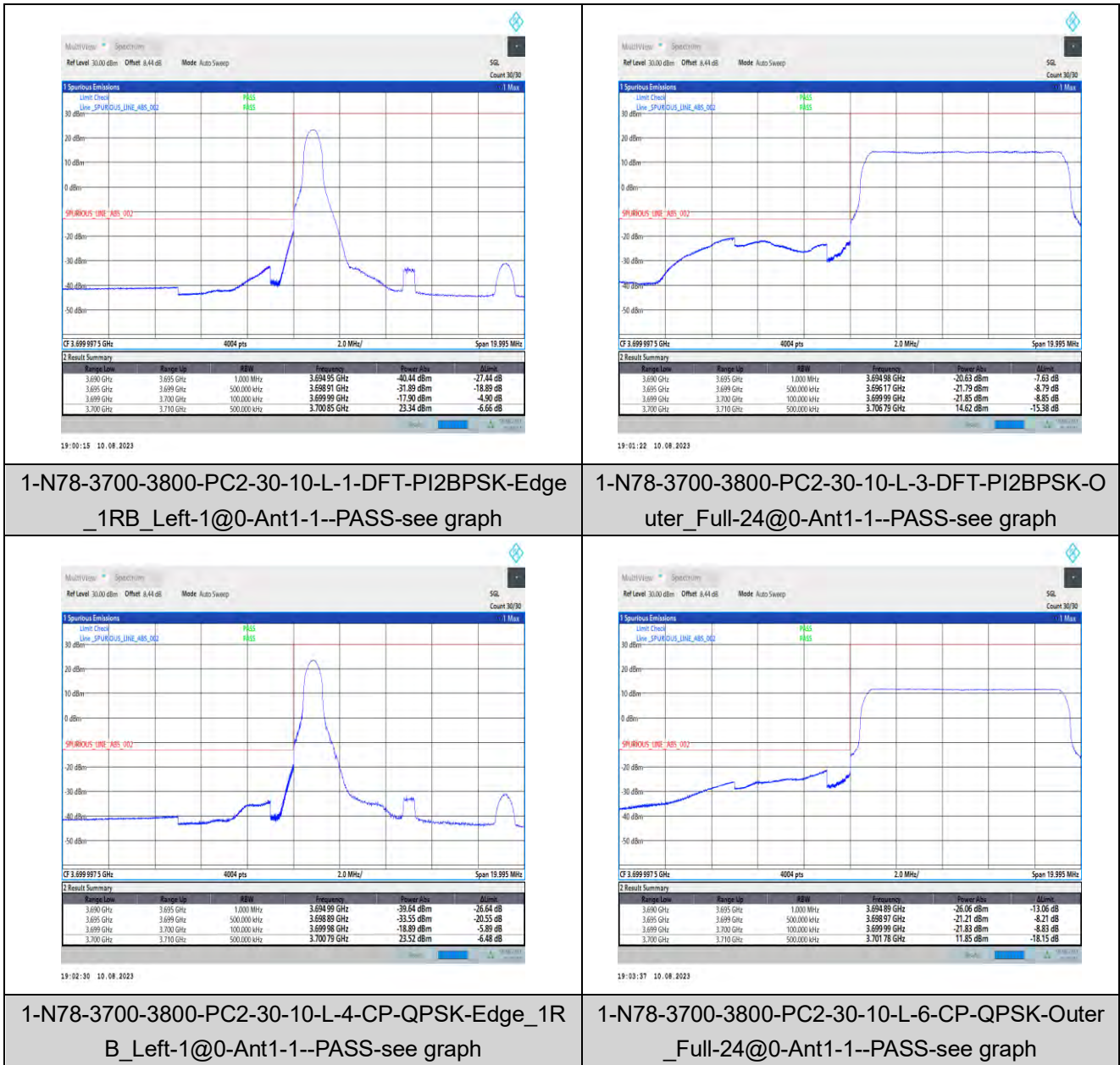
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Band Edge for SA

Test Graphs



1-N78-3700-3800-PC2-30-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-10-L-3-DFT-PI2BPSK-Outer_Full-24@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant1-1--PASS-see graph



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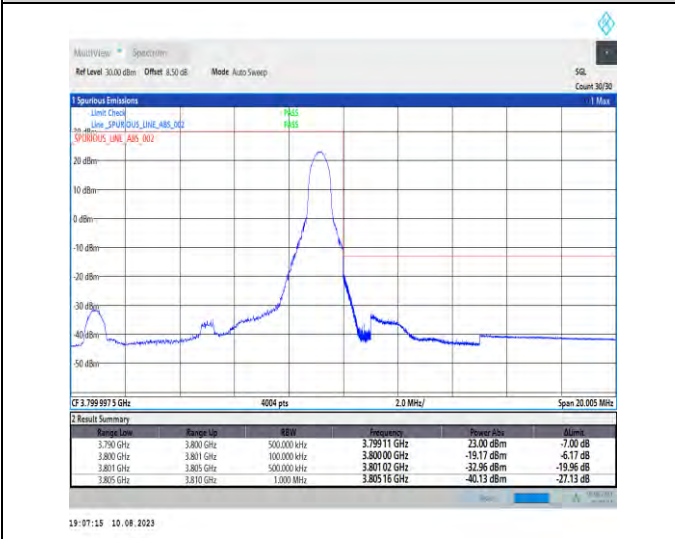
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1-N78-3700-3800-PC2-30-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@23-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-10-H-3-DFT-PI2BPSK-Outer_Full-24@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-10-H-5-CP-QPSK-Edge_1RB_Right-1@23-Ant1-1--PASS-see graph

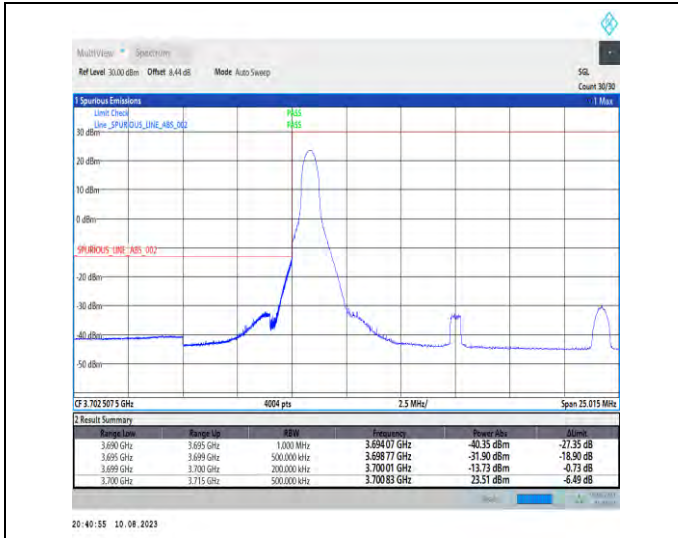
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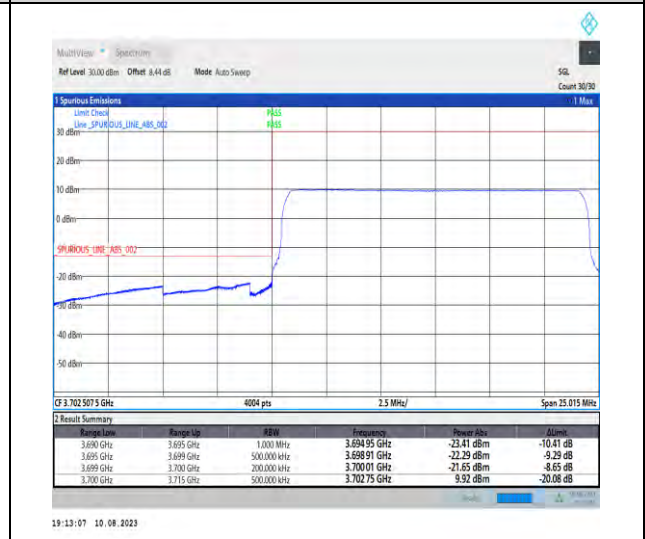
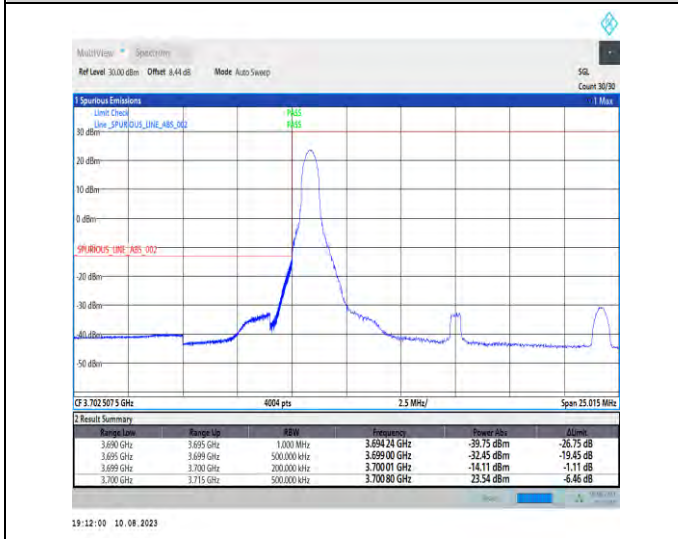
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1-N78-3700-3800-PC2-30-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-15-L-3-DFT-PI2BPSK-Outer_Full-36@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

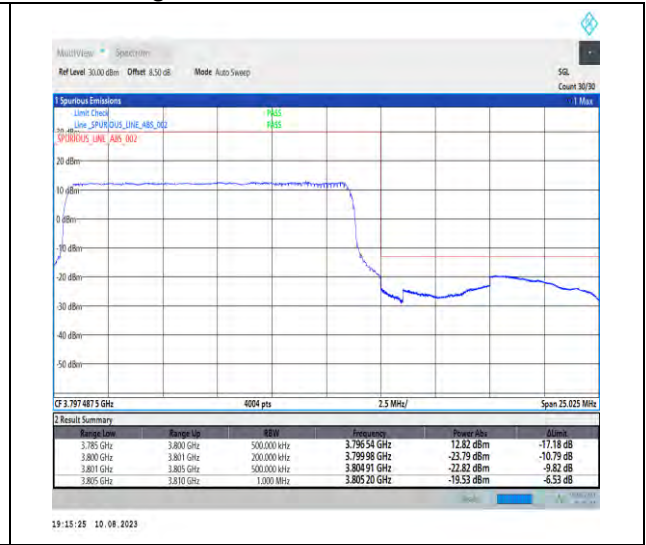
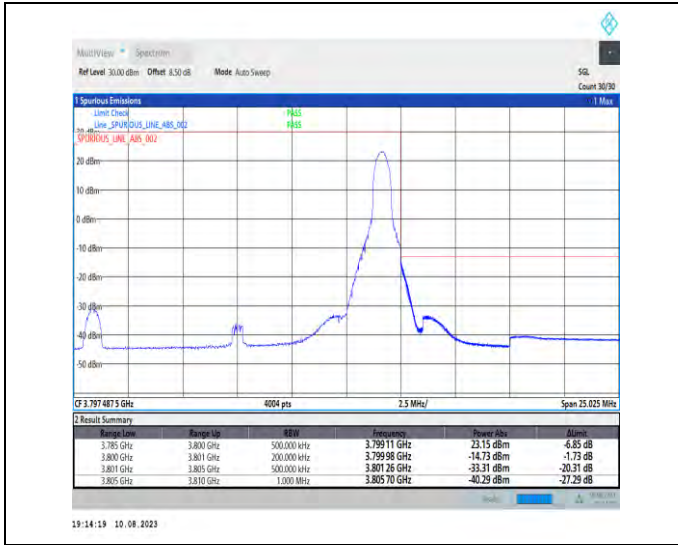
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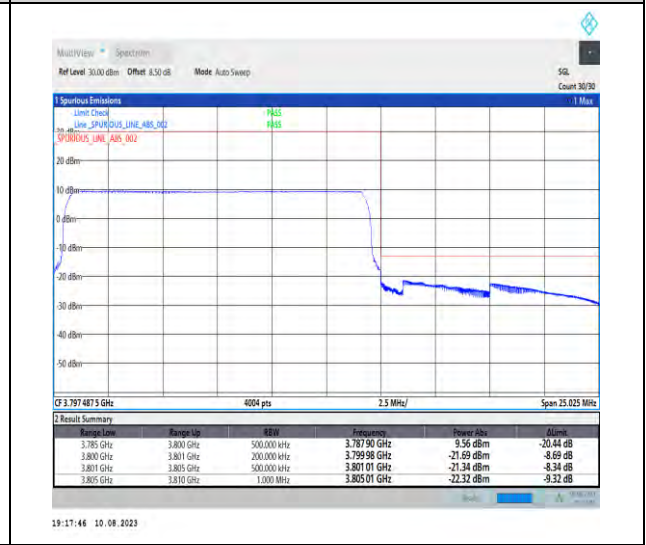
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1-N78-3700-3800-PC2-30-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@37-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-15-H-3-DFT-PI2BPSK-Outer_Full-36@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-15-H-5-CP-QPSK-Edge_1RB_Right-1@37-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-15-H-6-CP-QPSK-Outer_Full-38@0-Ant1-1--PASS-see graph

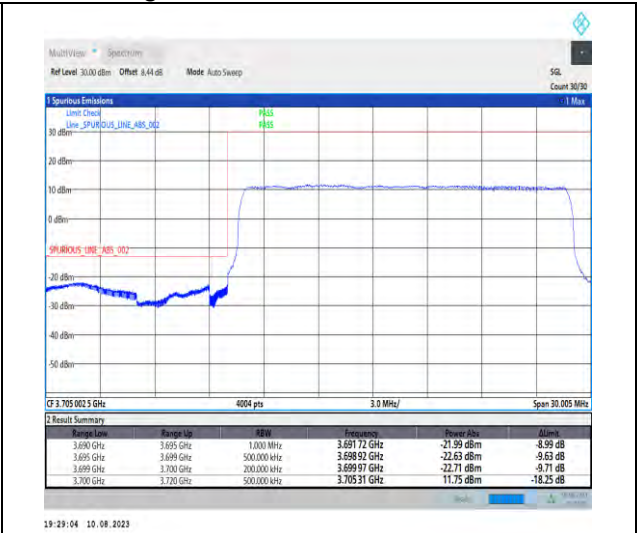
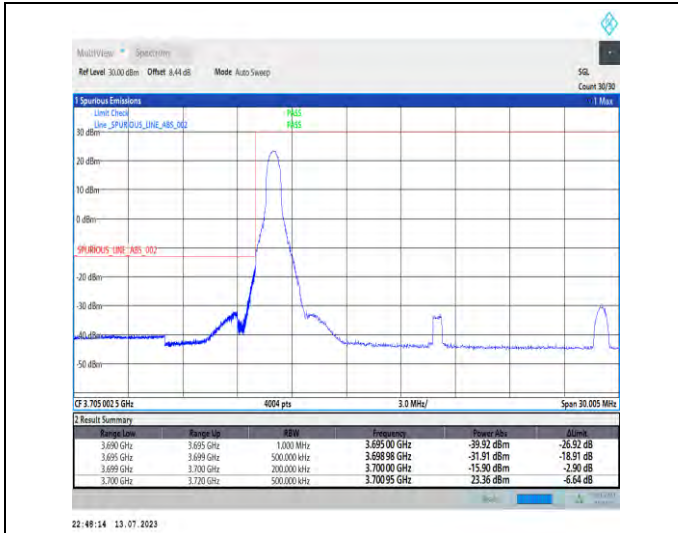


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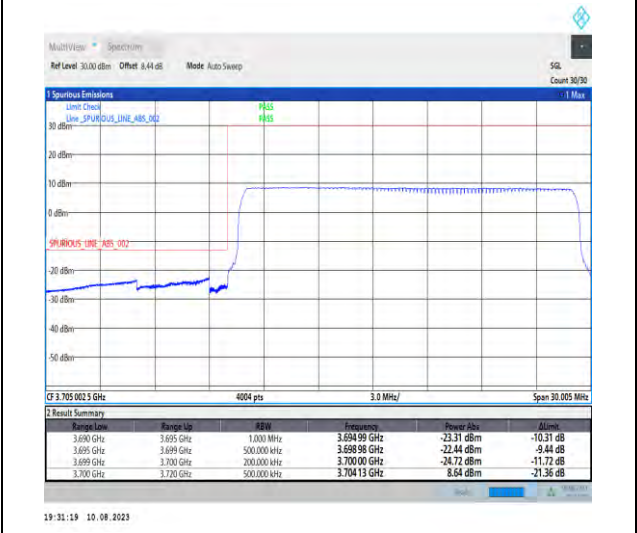
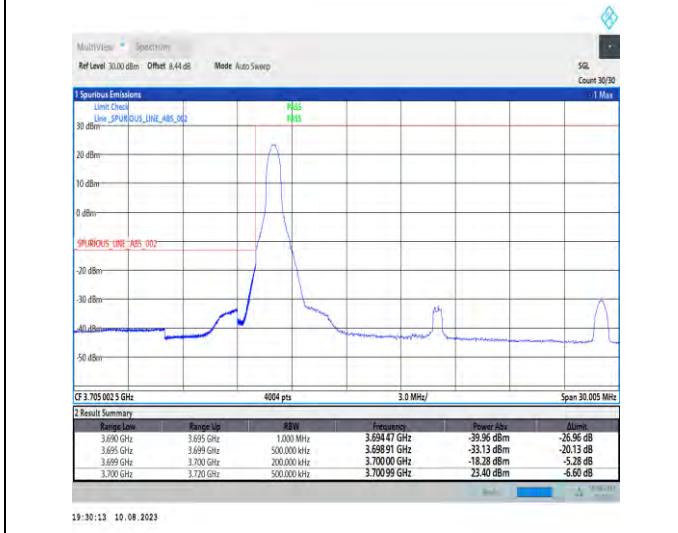
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1-N78-3700-3800-PC2-30-20-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

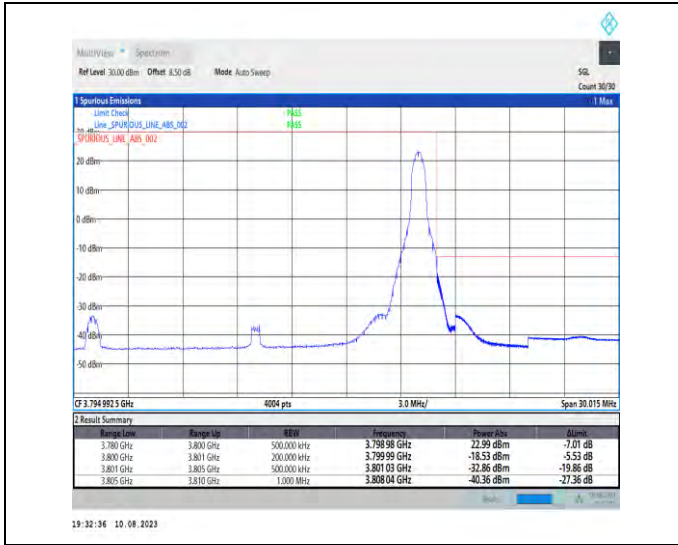
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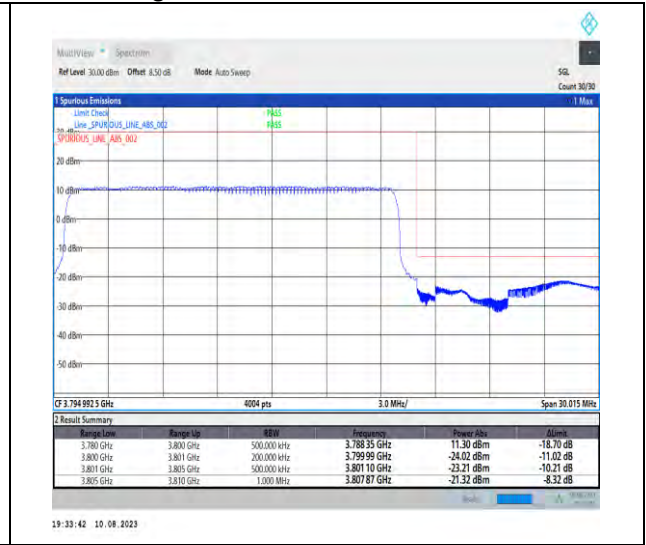
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1-N78-3700-3800-PC2-30-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@50-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-20-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-20-H-5-CP-QPSK-Edge_1RB_Right-1@50-Ant1-1--PASS-see graph



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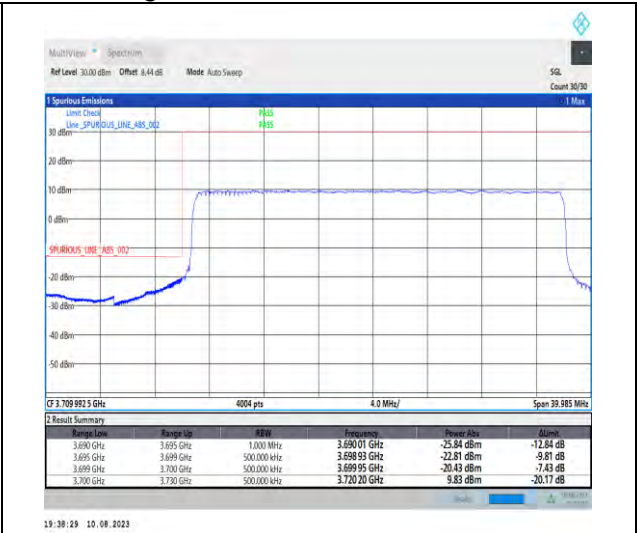
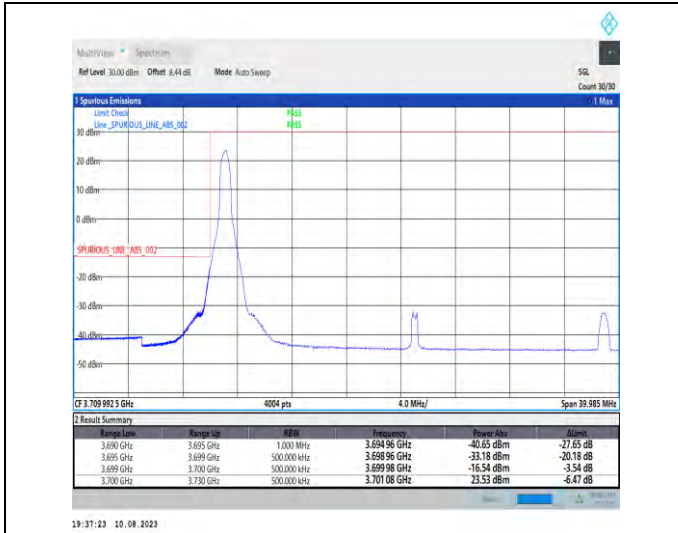


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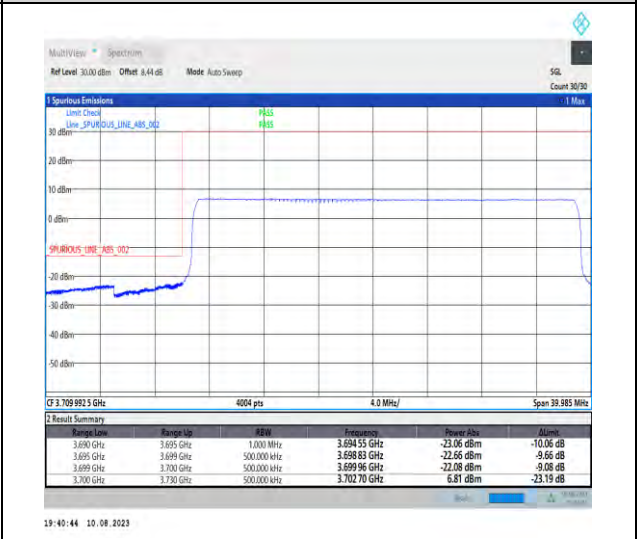
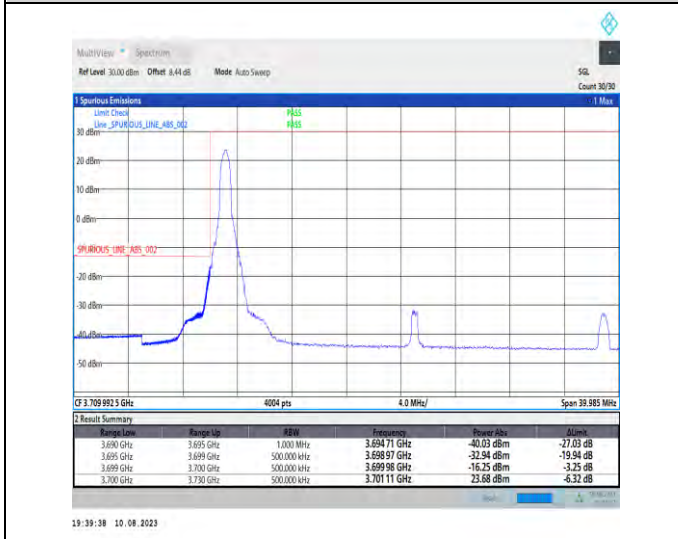
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1-N78-3700-3800-PC2-30-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-30-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

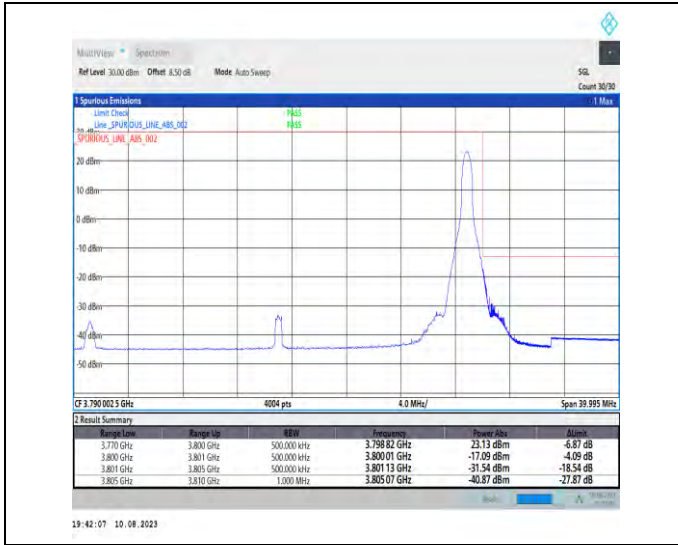
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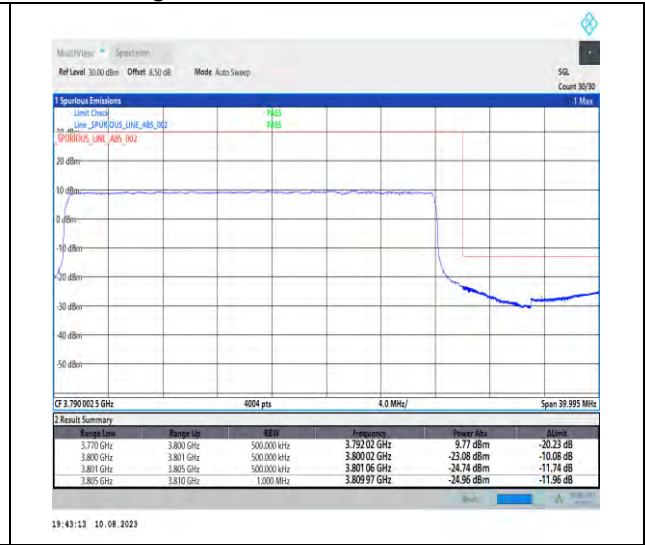
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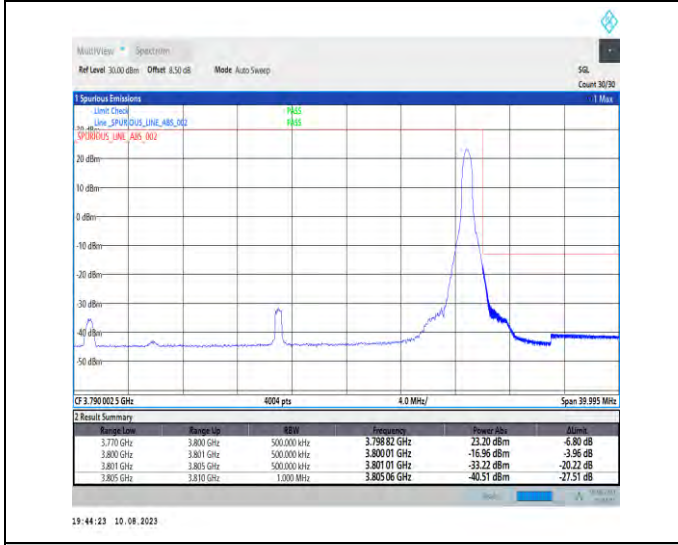
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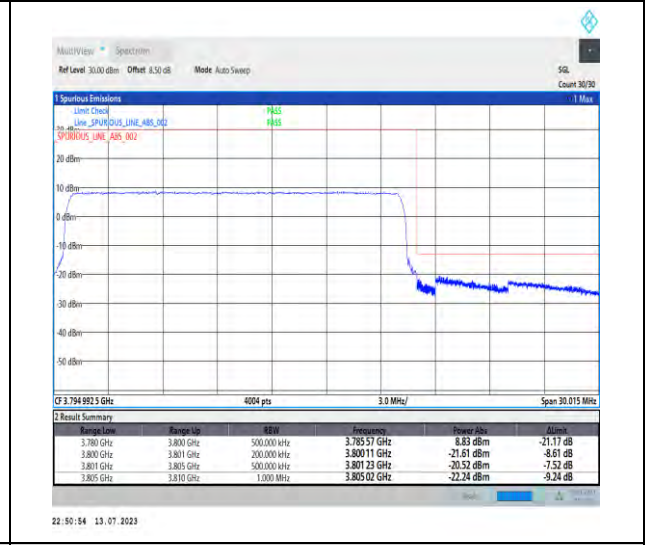
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1-N78-3700-3800-PC2-30-30-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-30-H-5-CP-QPSK-Edge_1RB_Right-1@77-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-30-H-6-CP-QPSK-Outer_Full-78@0-Ant1-1--PASS-see graph

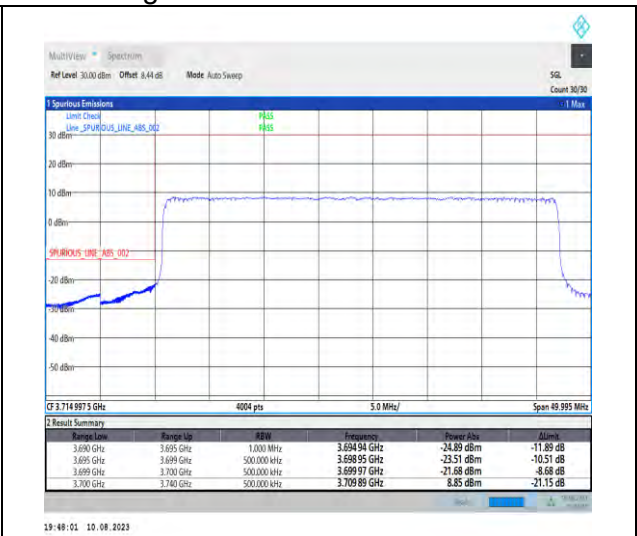
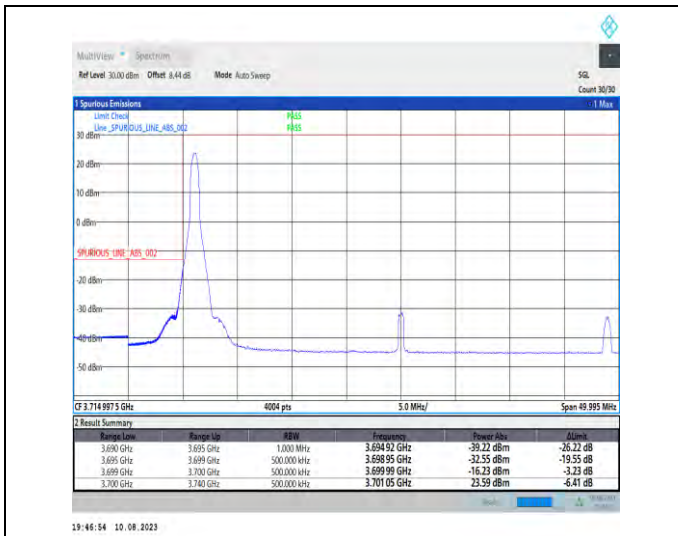


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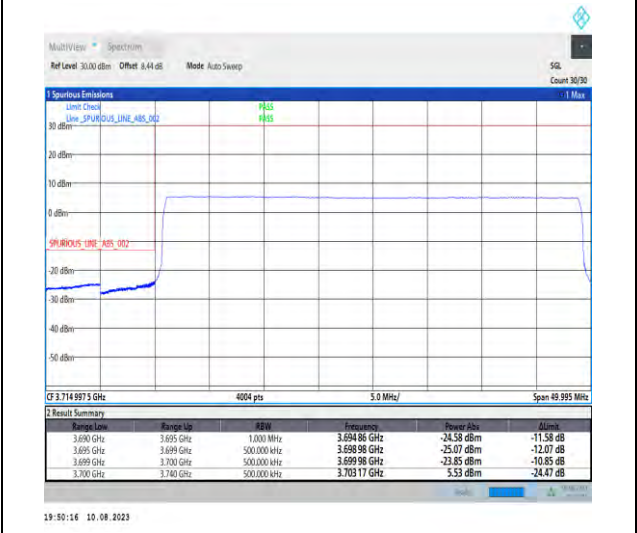
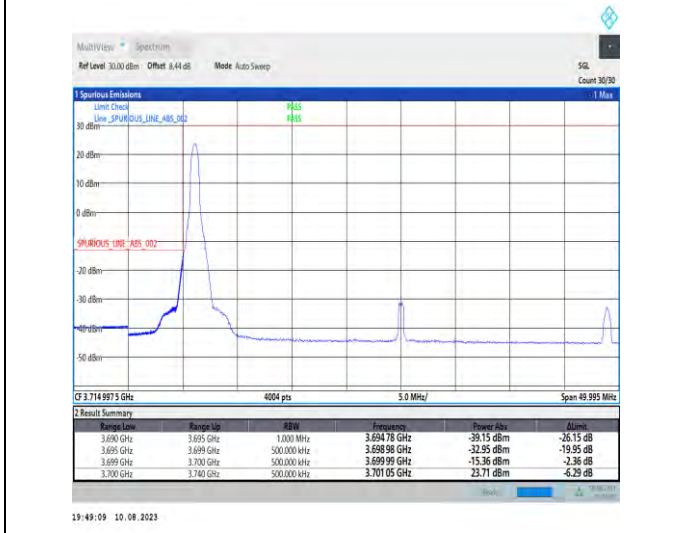
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1-N78-3700-3800-PC2-30-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-40-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

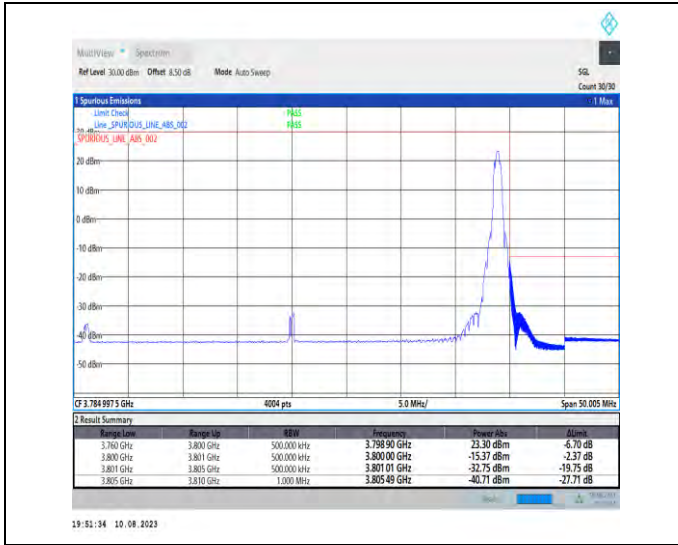
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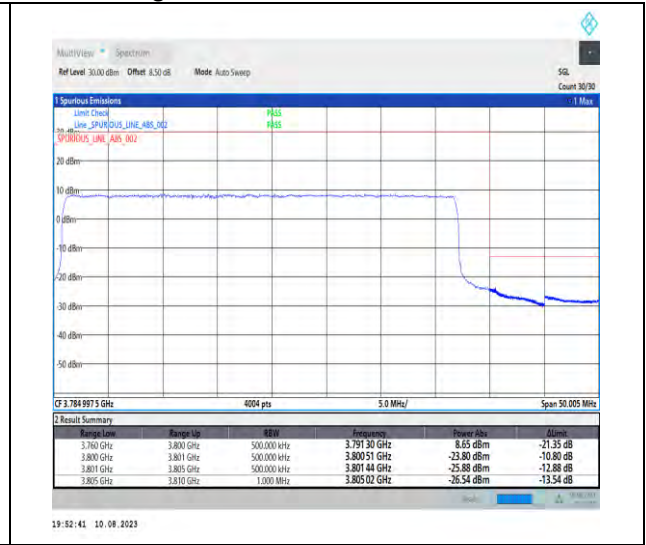
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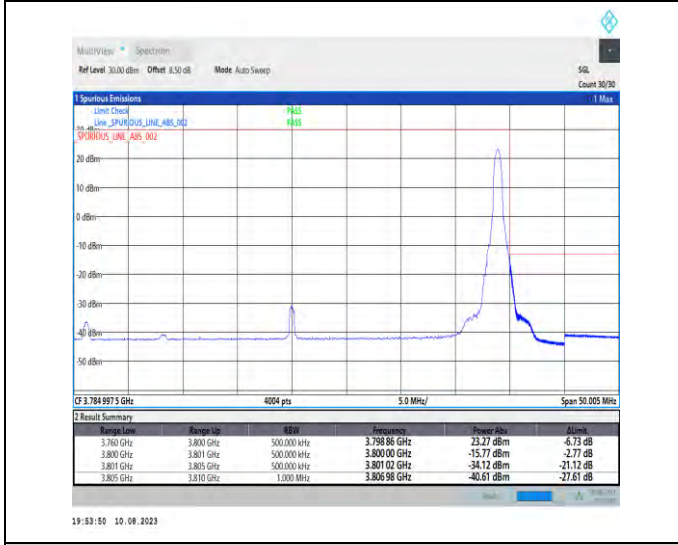
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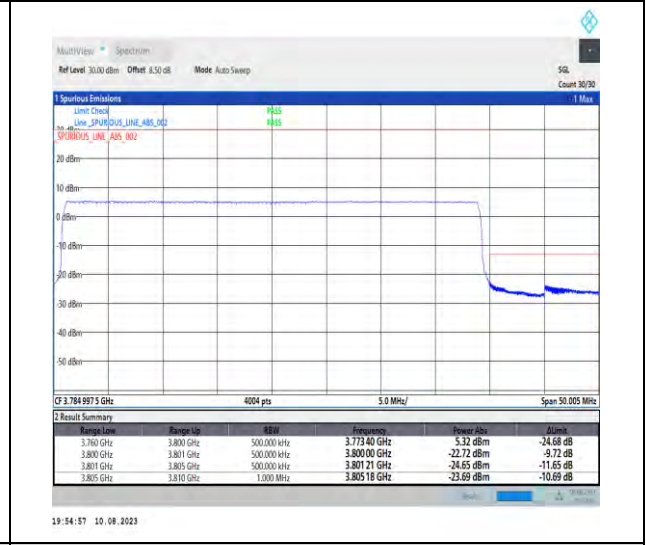
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1-N78-3700-3800-PC2-30-40-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-40-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph

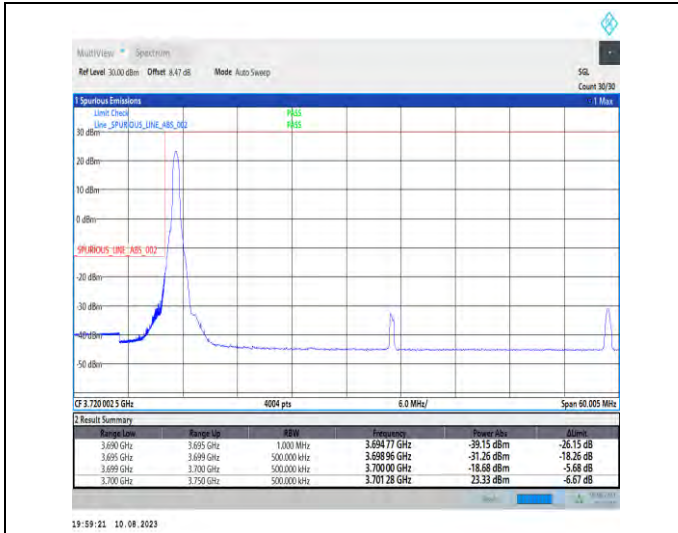


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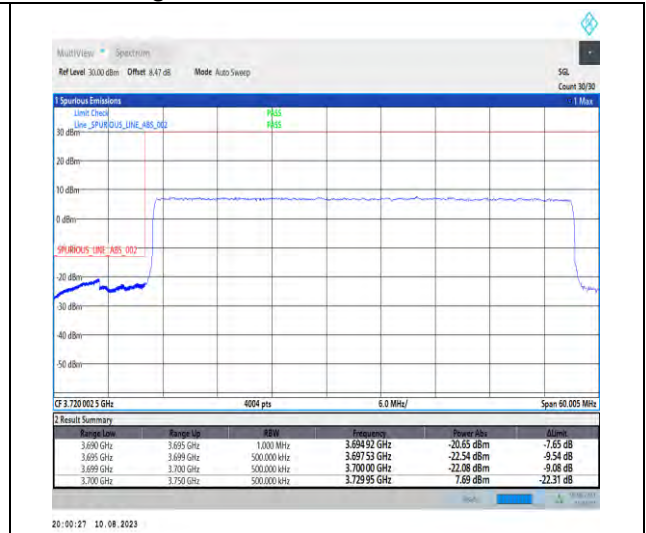
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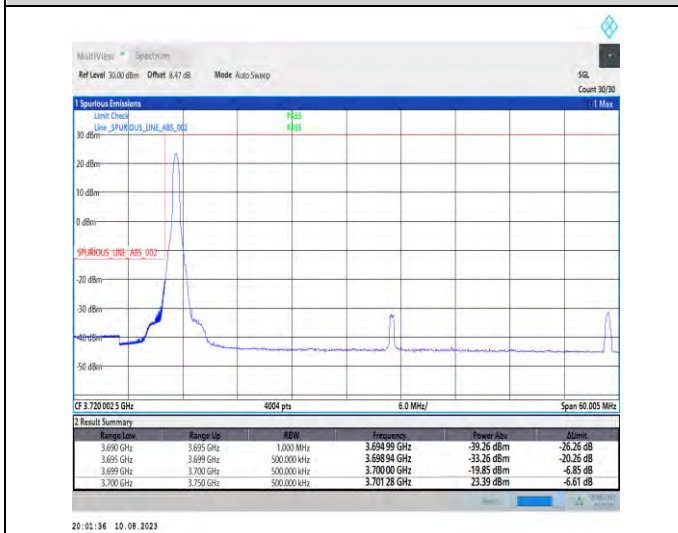
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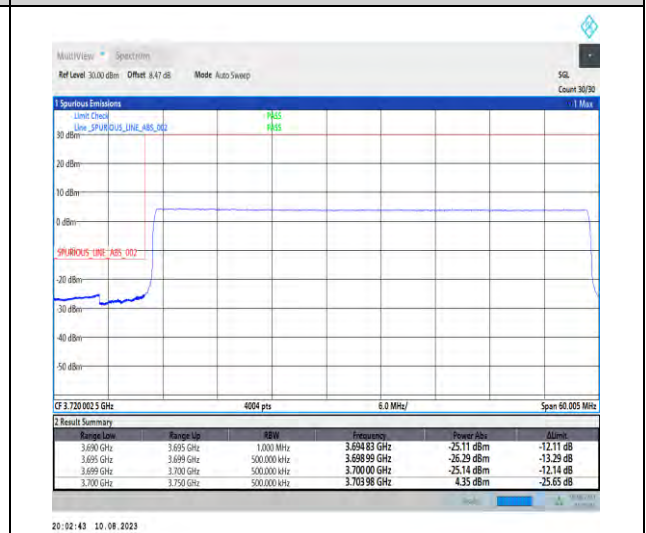
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1-N78-3700-3800-PC2-30-50-L-3-DFT-PI2BPSK-Outer_Full-128@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-50-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



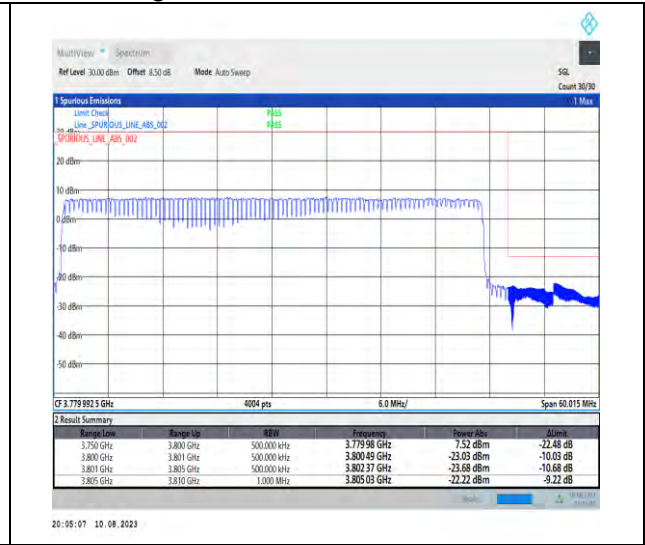
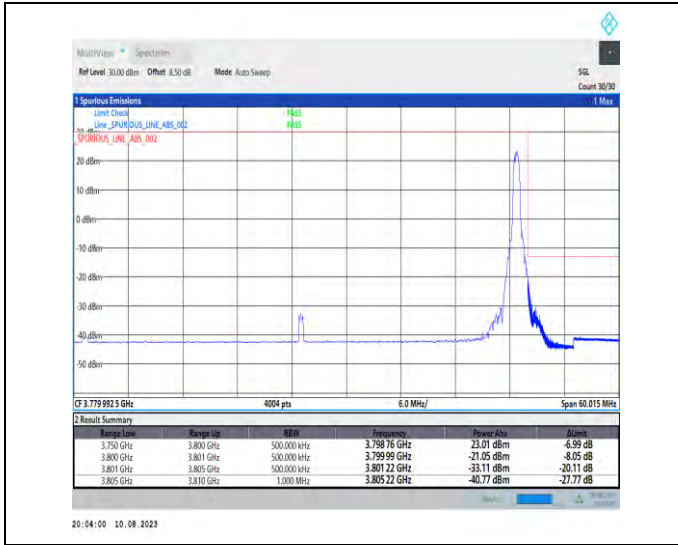
1-N78-3700-3800-PC2-30-50-L-6-CP-QPSK-Outer_Full-133@0-Ant1-1--PASS-see graph



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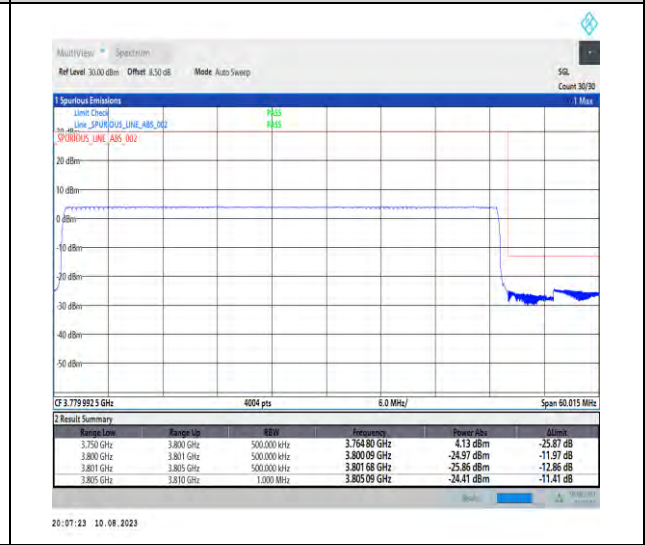
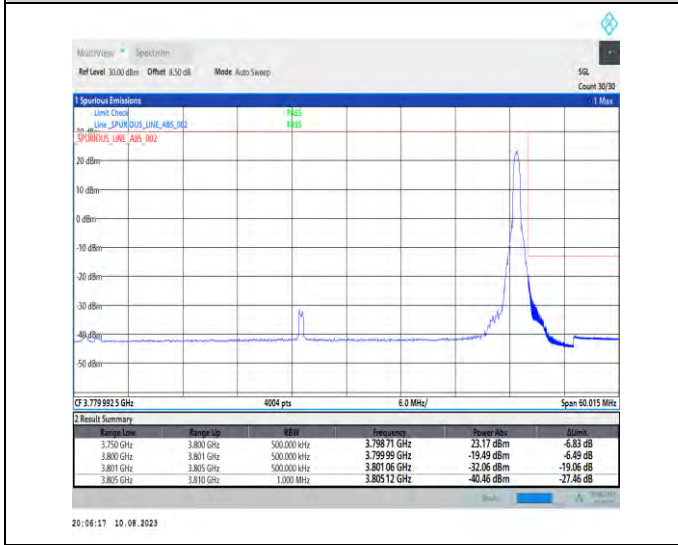
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1-N78-3700-3800-PC2-30-50-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@132-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-50-H-3-DFT-PI2BPSK-Outer_Full-128@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-50-H-5-CP-QPSK-Edge_1RB_Right-1@132-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-50-H-6-CP-QPSK-Outer_Full-133@0-Ant1-1--PASS-see graph

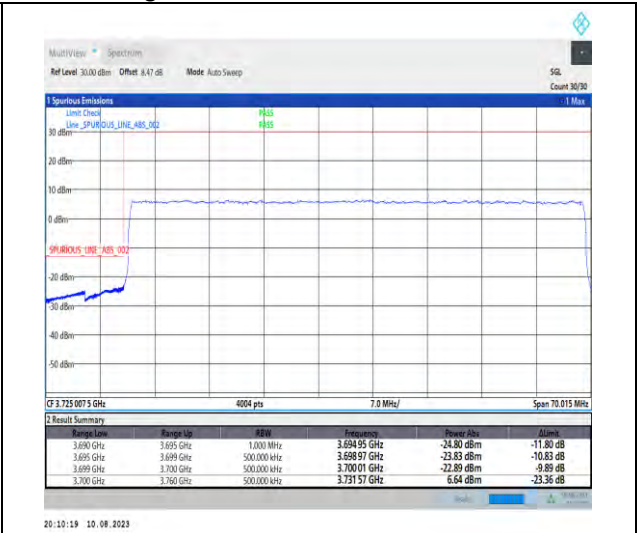
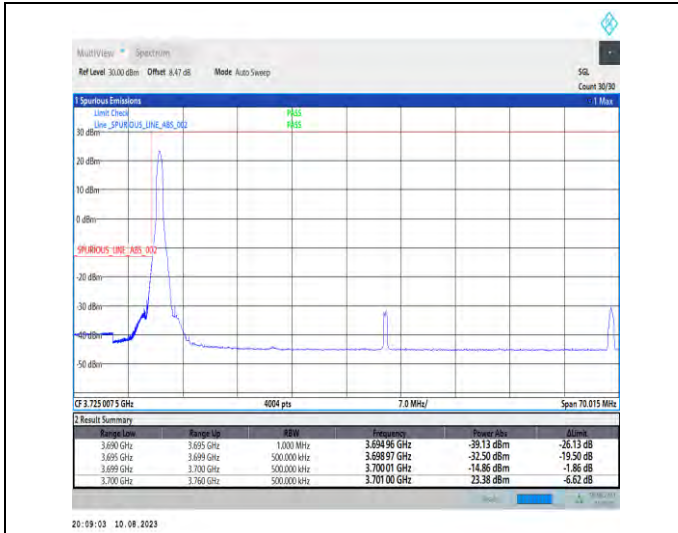


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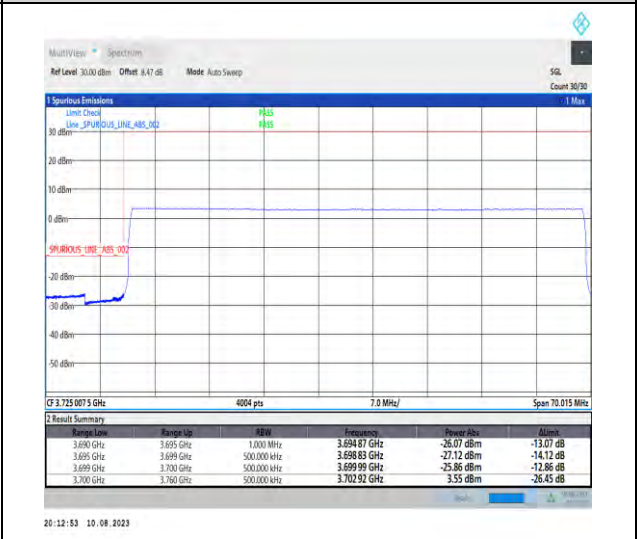
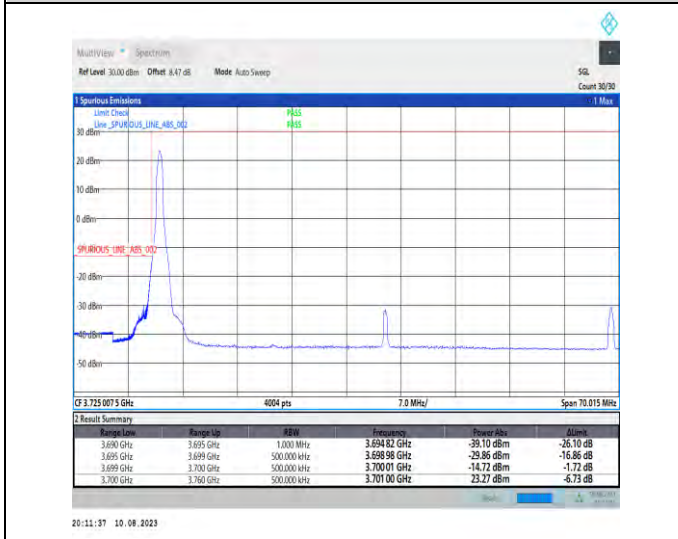
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1-N78-3700-3800-PC2-30-60-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-60-L-3-DFT-PI2BPSK-Outer_Full-162@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-60-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-60-L-6-CP-QPSK-Outer_Full-162@0-Ant1-1--PASS-see graph

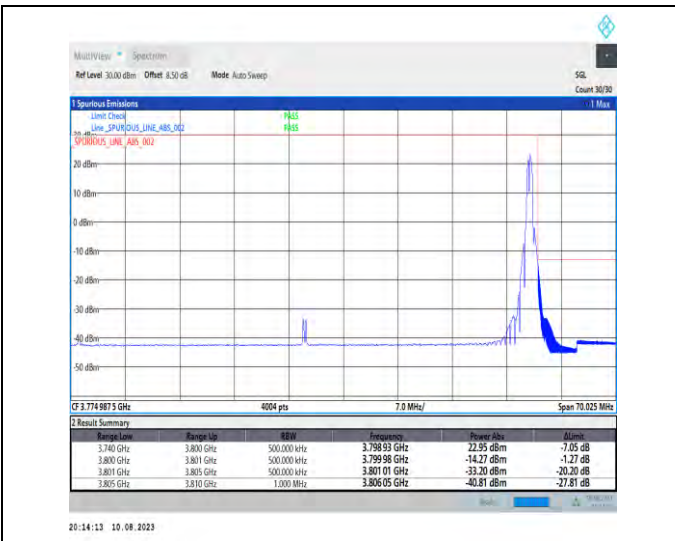


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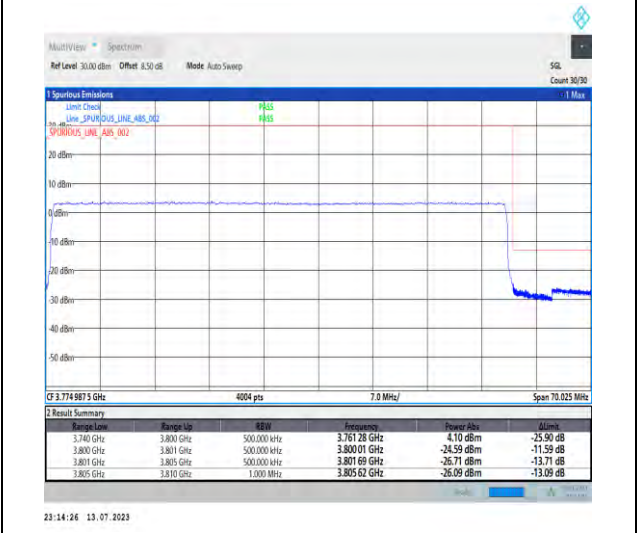
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1-N78-3700-3800-PC2-30-60-H-3-DFT-PI2BPSK-Outer_Full-162@0-Ant1-1--PASS-see graph



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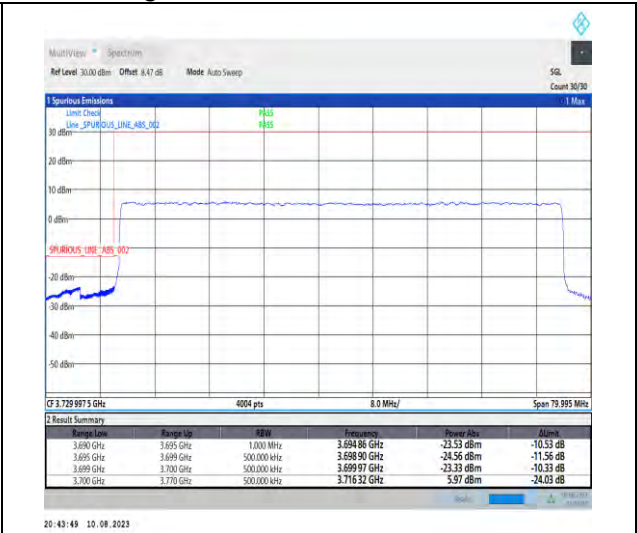
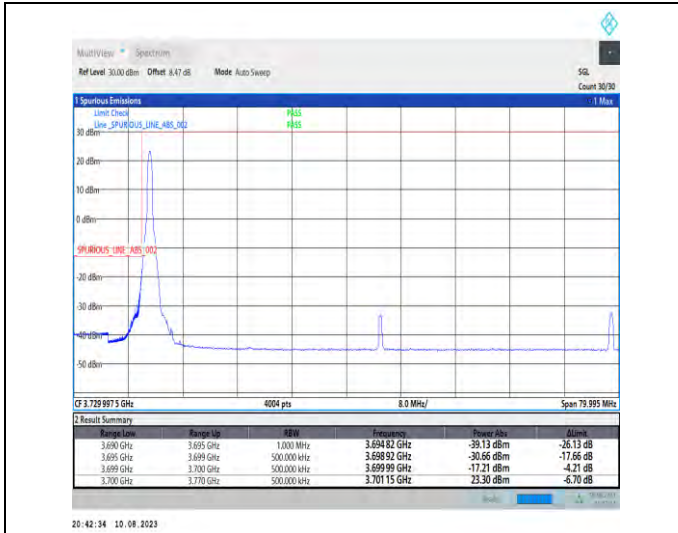
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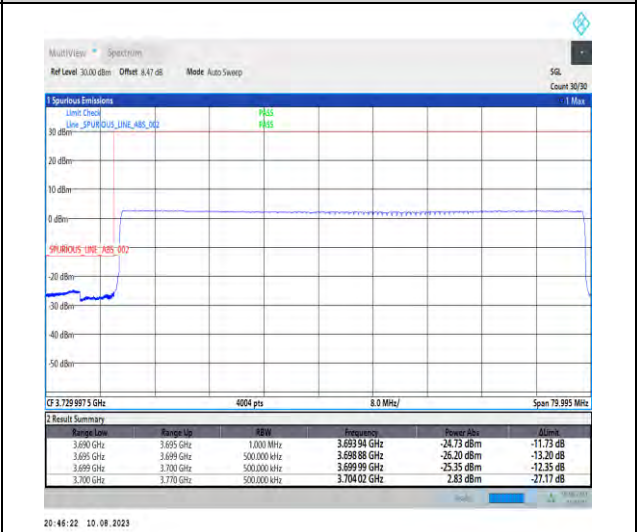
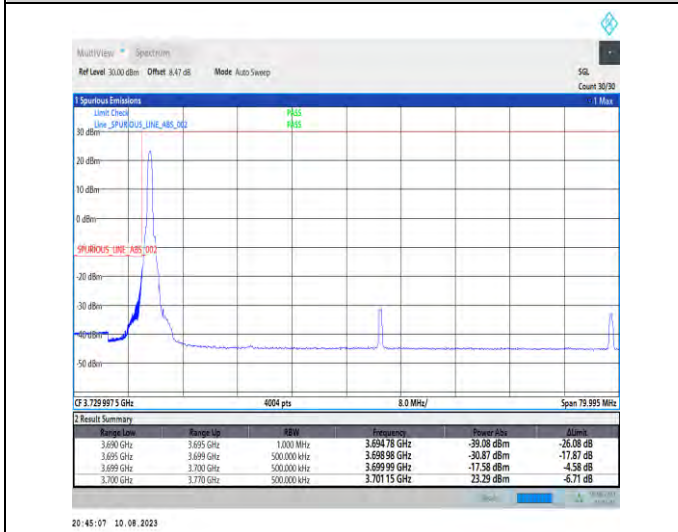
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1-N78-3700-3800-PC2-30-70-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-70-L-3-DFT-PI2BPSK-Outer_Full-180@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-70-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

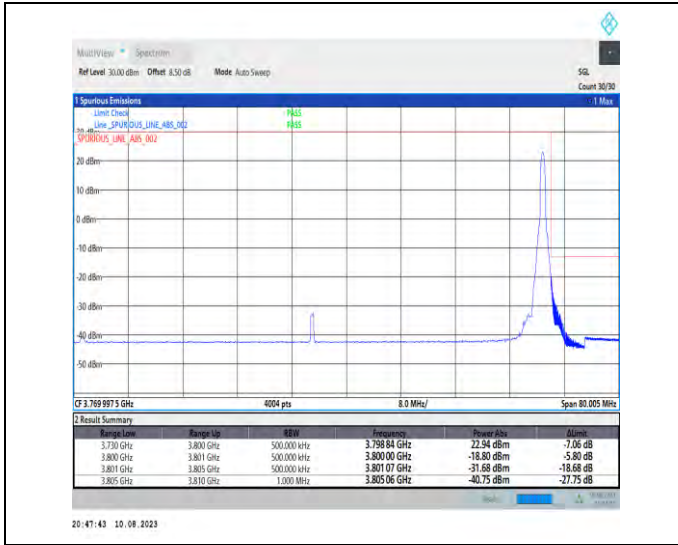
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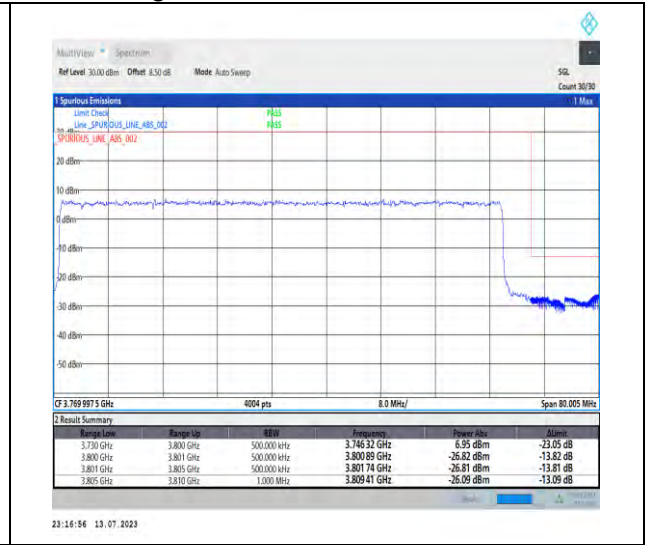
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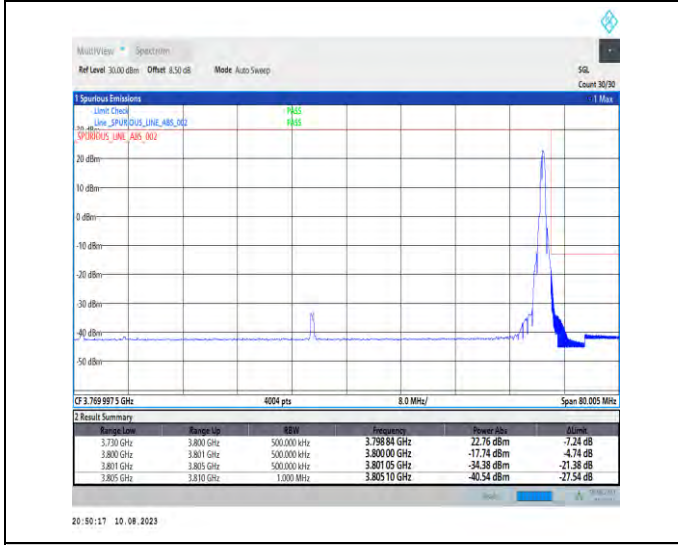
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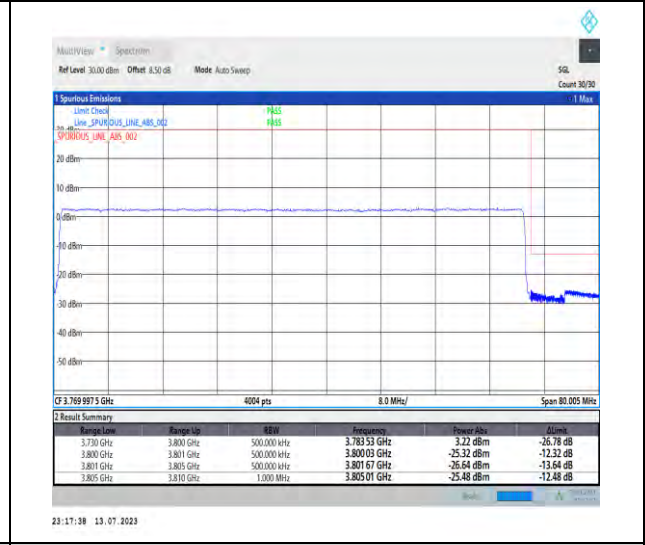
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1-N78-3700-3800-PC2-30-70-H-3-DFT-PI2BPSK-Outer_Full-180@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-70-H-5-CP-QPSK-Edge_1RB_Right-1@188-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-70-H-6-CP-QPSK-Outer_Full-189@0-Ant1-1--PASS-see graph

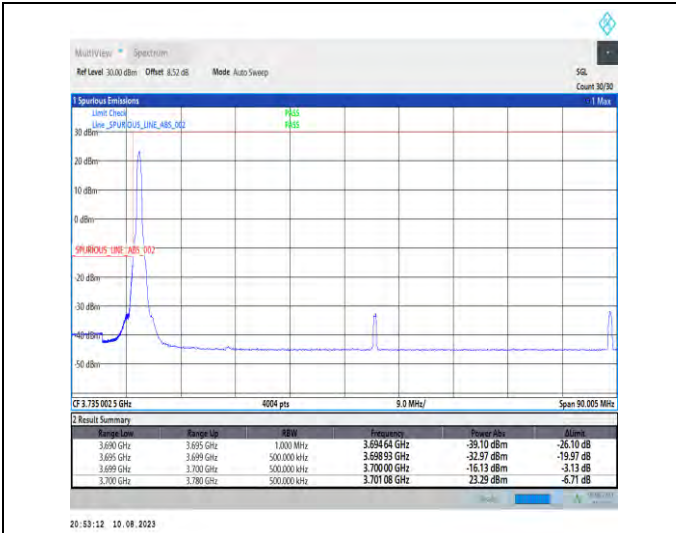


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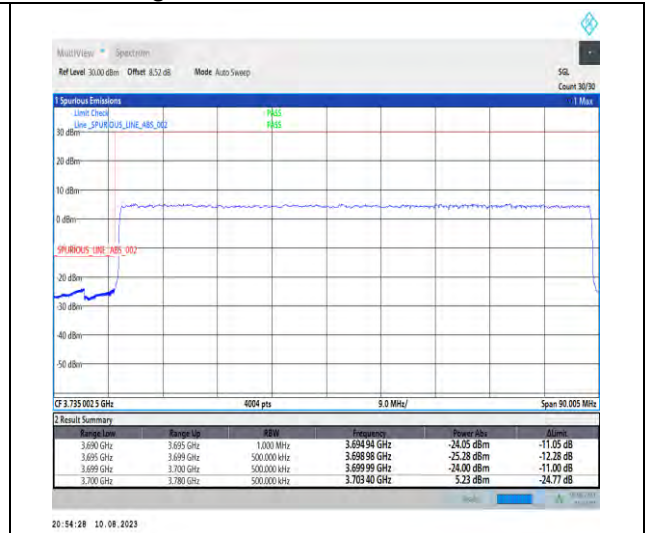
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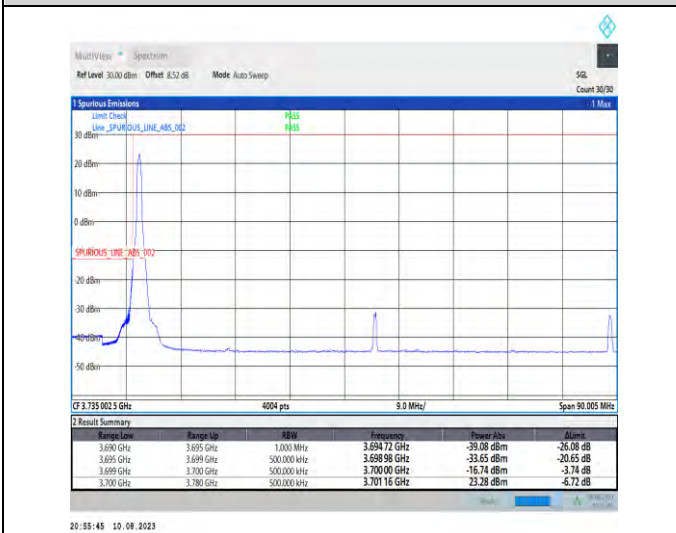
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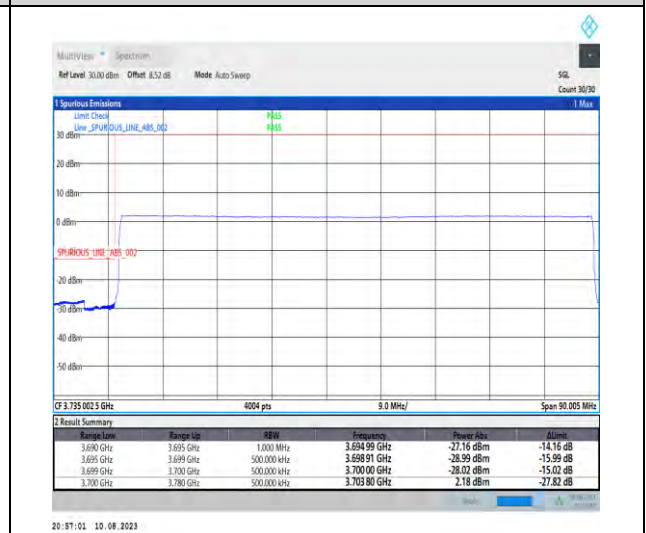
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1-N78-3700-3800-PC2-30-80-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-80-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



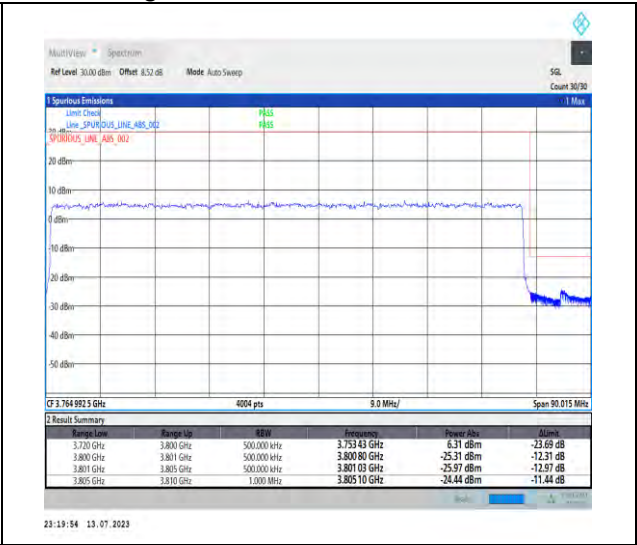
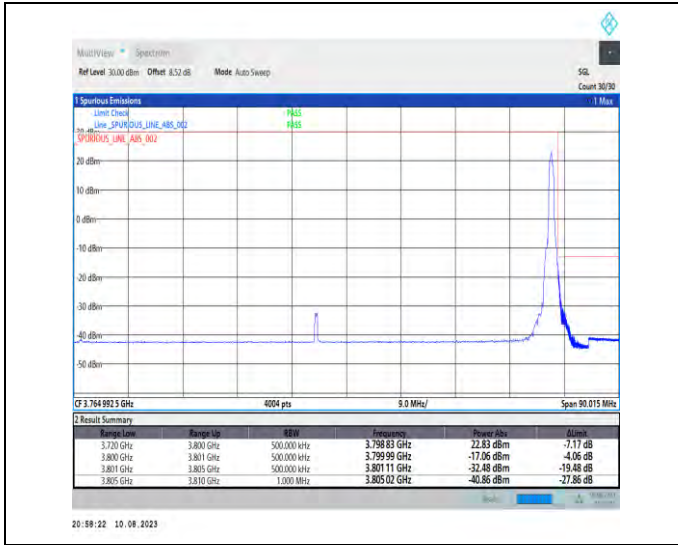
1-N78-3700-3800-PC2-30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant1-1--PASS-see graph



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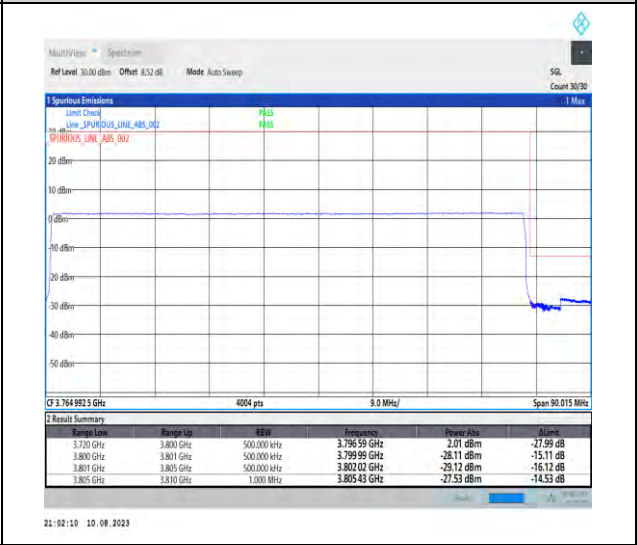
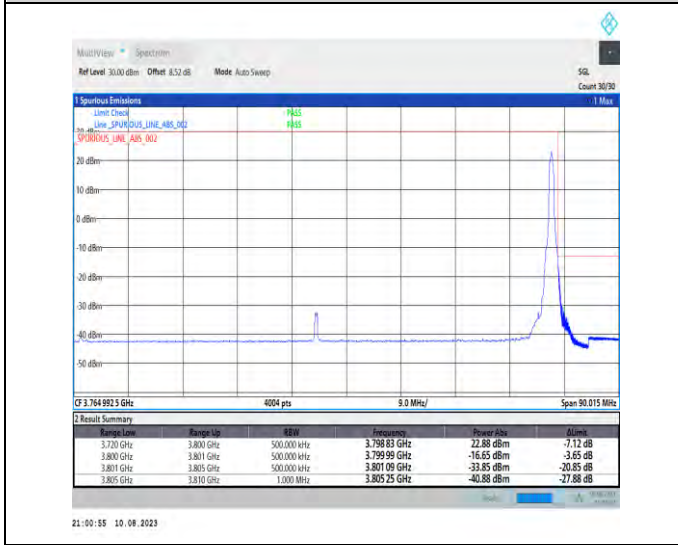
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1-N78-3700-3800-PC2-30-80-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@216-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-80-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-80-H-5-CP-QPSK-Edge_1RB_Right-1@216-Ant1-1--PASS-see graph

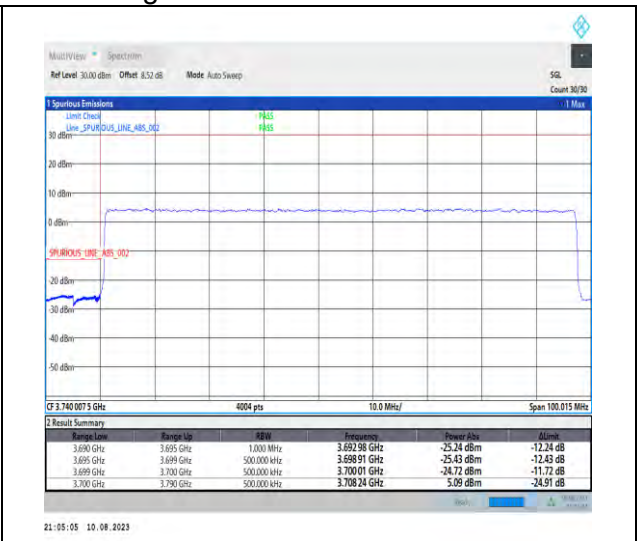
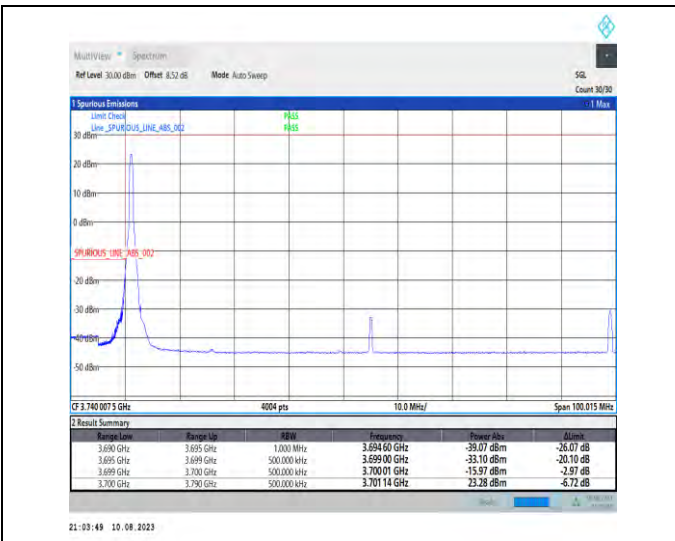
1-N78-3700-3800-PC2-30-80-H-6-CP-QPSK-Outer_Full-217@0-Ant1-1--PASS-see graph



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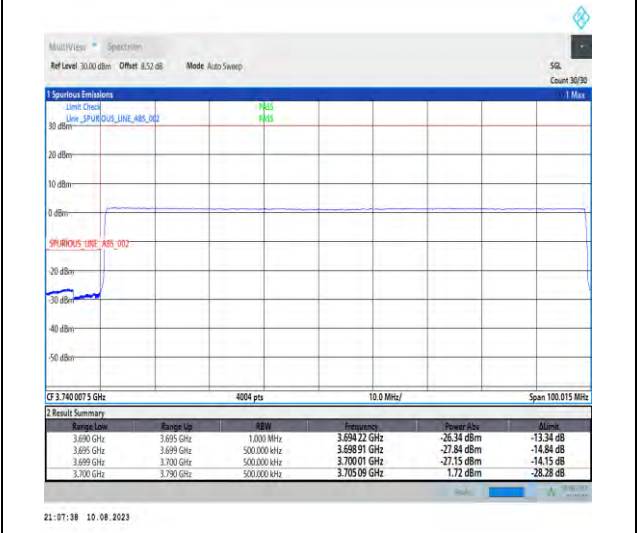
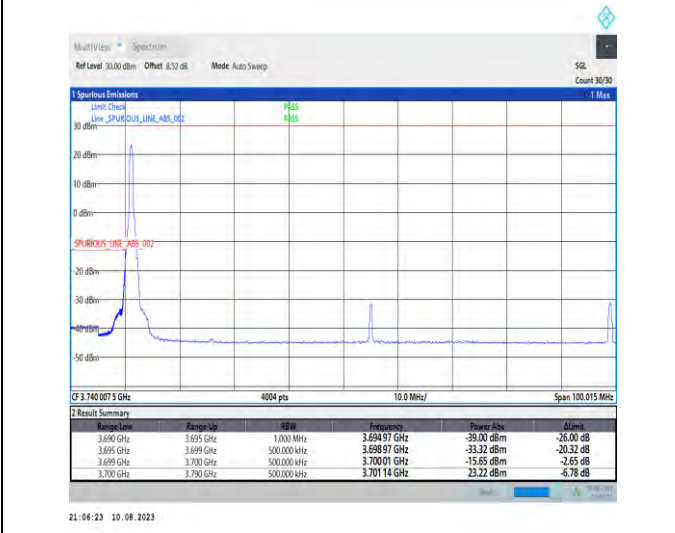
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1-N78-3700-3800-PC2-30-90-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-90-L-3-DFT-PI2BPSK-Outer_Full-240@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

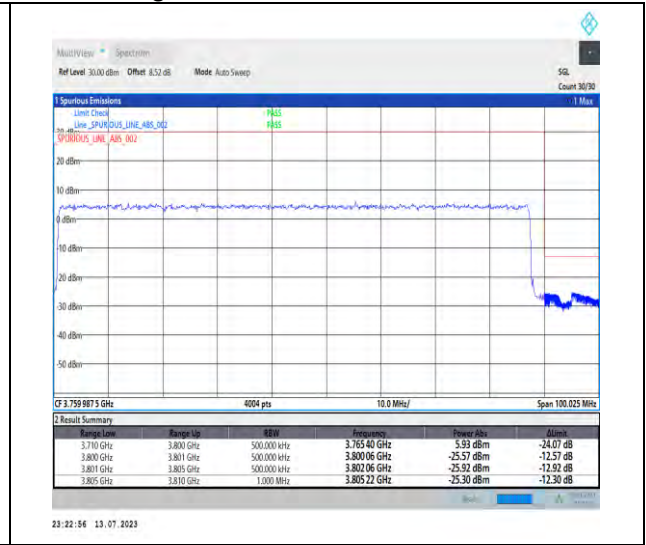
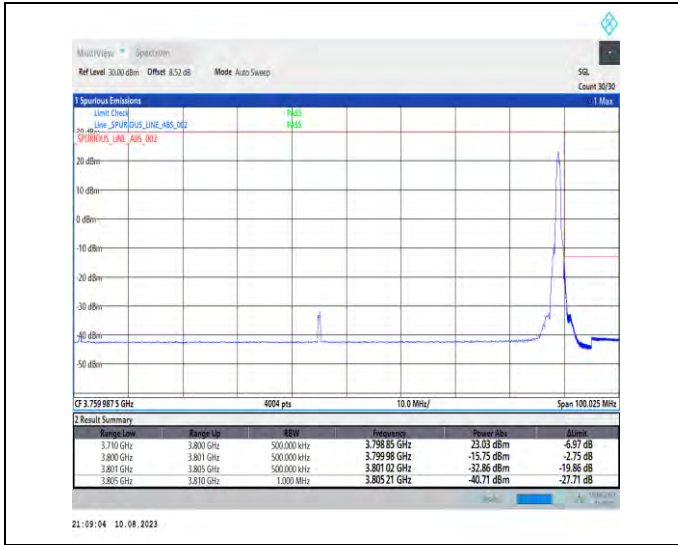
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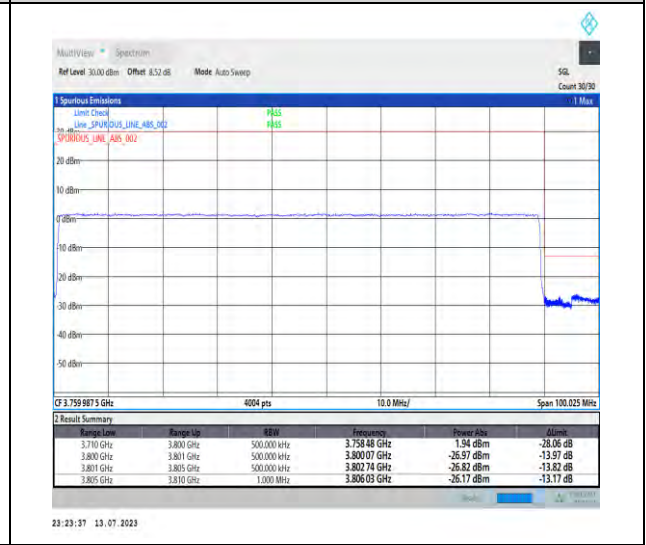
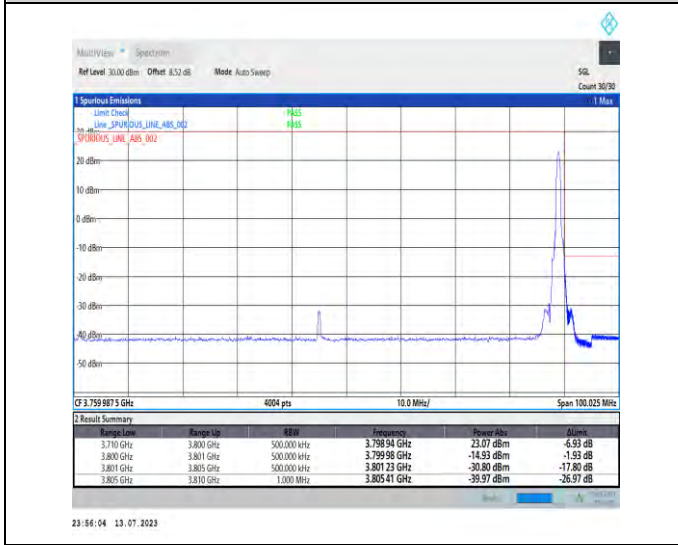
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1-N78-3700-3800-PC2-30-90-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@244-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-90-H-3-DFT-PI2BPSK-Outer_Full-240@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-90-H-5-CP-QPSK-Edge_1RB_Right-1@244-Ant1-1--PASS-see graph

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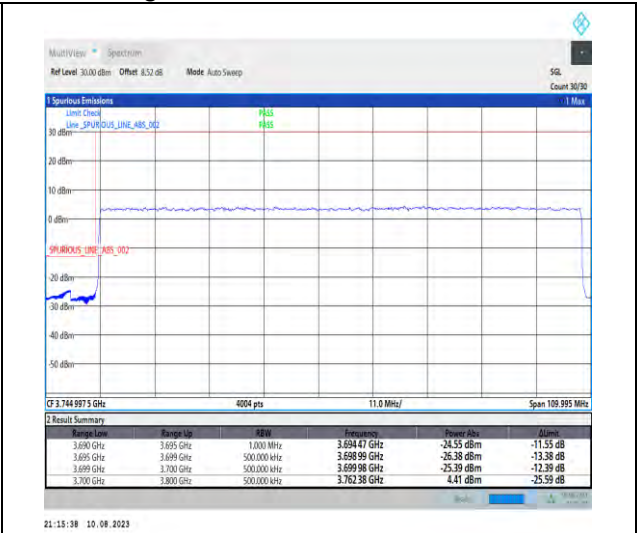
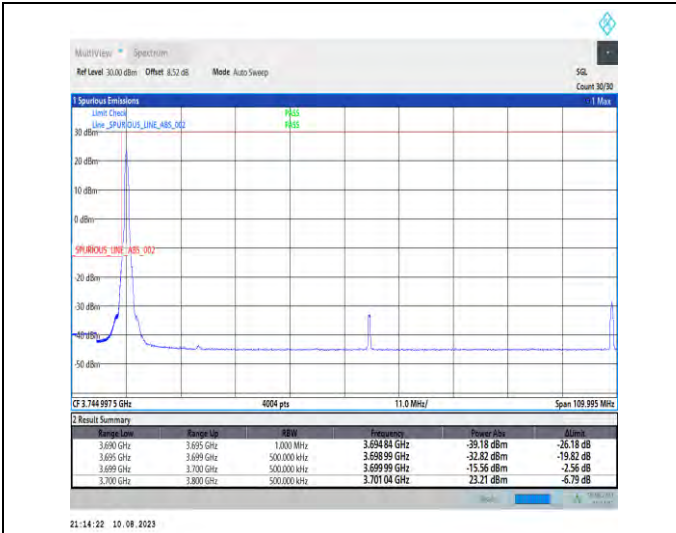


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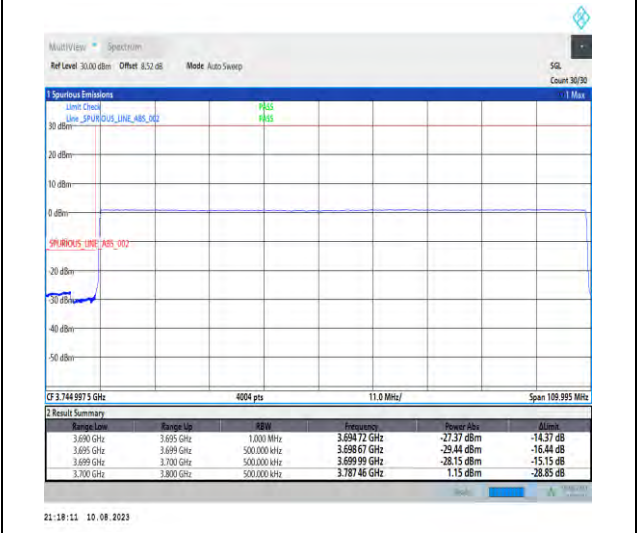
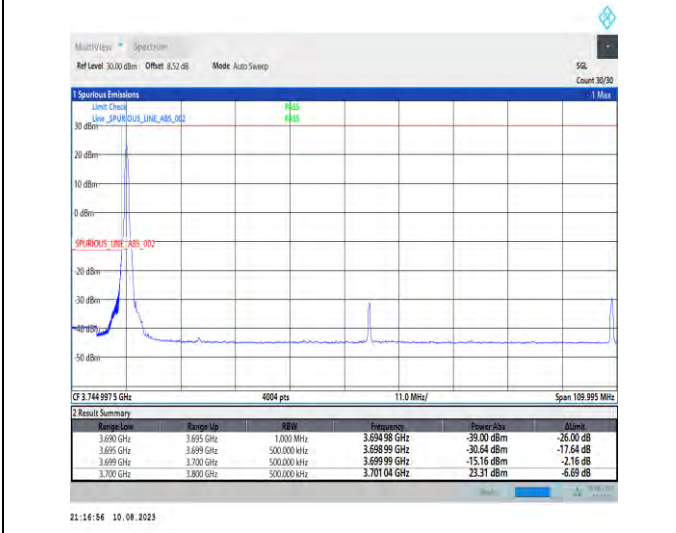
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1-N78-3700-3800-PC2-30-100-L-1-DFT-PI2BPSK-Edge_e_1RB_Left-1@0-Ant1-1--PASS-see graph

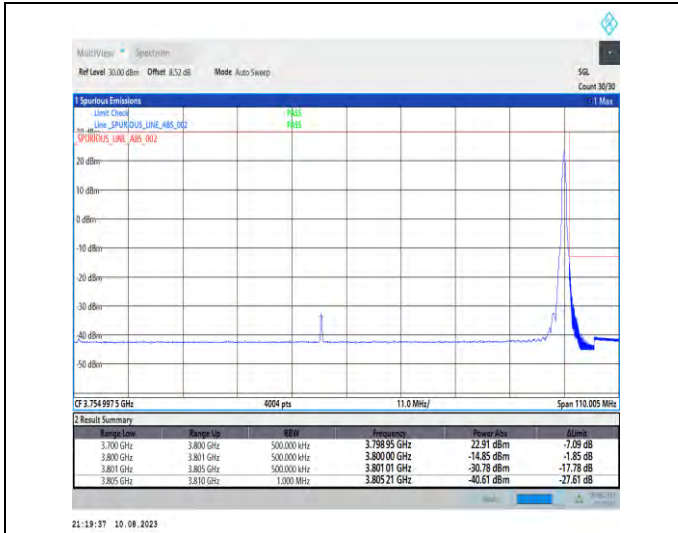
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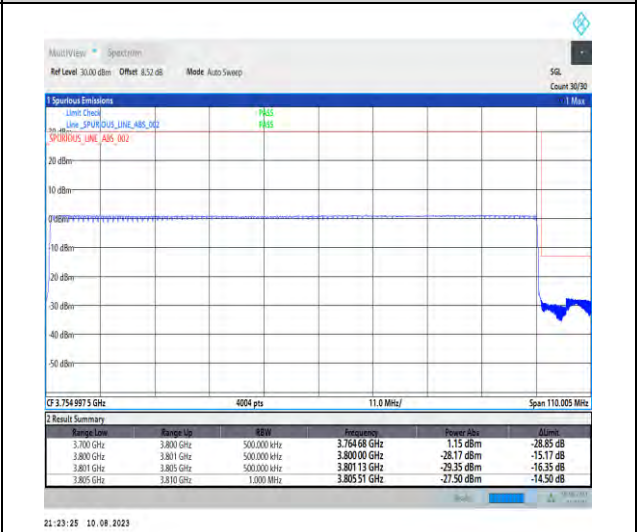
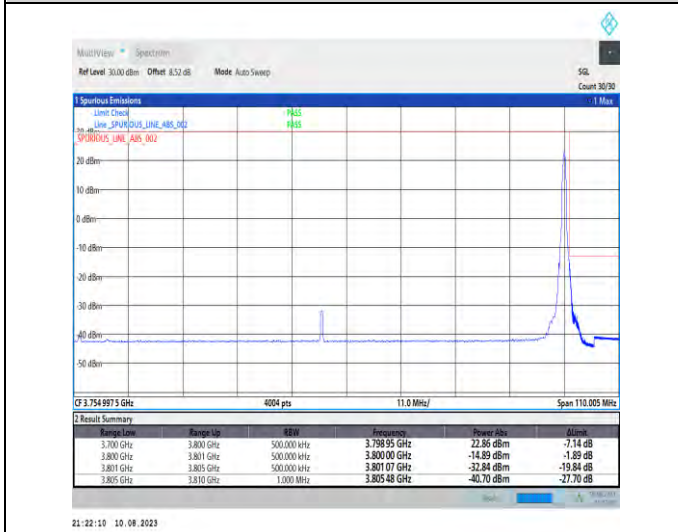
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1-N78-3700-3800-PC2-30-100-H-2-DFT-PI2BPSK-Edge_1_RB_Right-1@272-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-100-H-3-DFT-PI2BPSK-Outer_Full-270@0-Ant1-1--PASS-see graph



1-N78-3700-3800-PC2-30-100-H-5-CP-QPSK-Edge_1_RB_Right-1@272-Ant1-1--PASS-see graph

1-N78-3700-3800-PC2-30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant1-1--PASS-see graph



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Conducted Spurious Emission for SA

Test Graphs

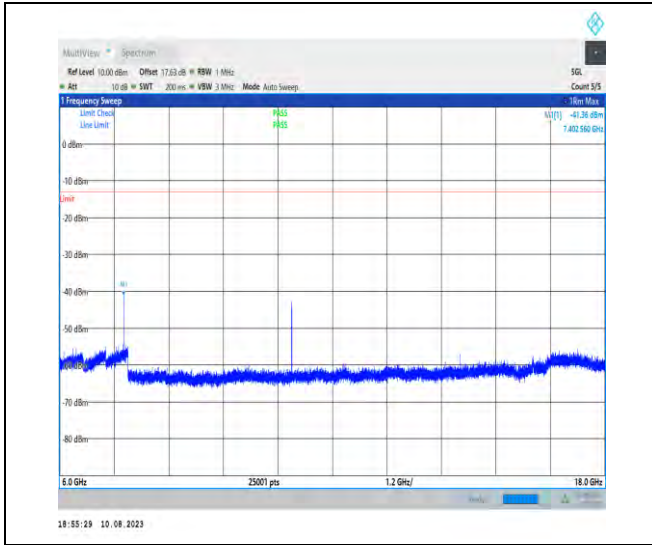
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<p>1-N78-3700-3800-PC2-30-100-L-1-N/A-DFT-PI2BPS K-Inner_1RB_Left-1@1-30-1000-Ant1-34.37--65.52- -13-PASS</p>	<p>1-N78-3700-3800-PC2-30-100-L-1-N/A-DFT-PI2BPS K-Inner_1RB_Left-1@1-1000-6000-Ant1-5318.00--38 .38--13-PASS</p>



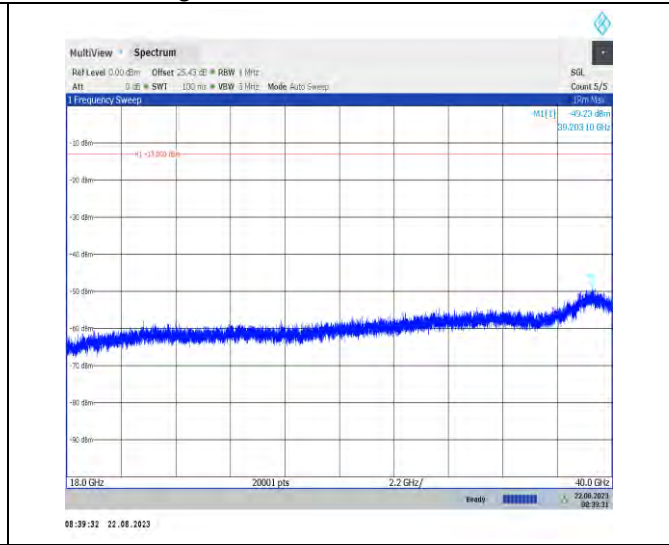
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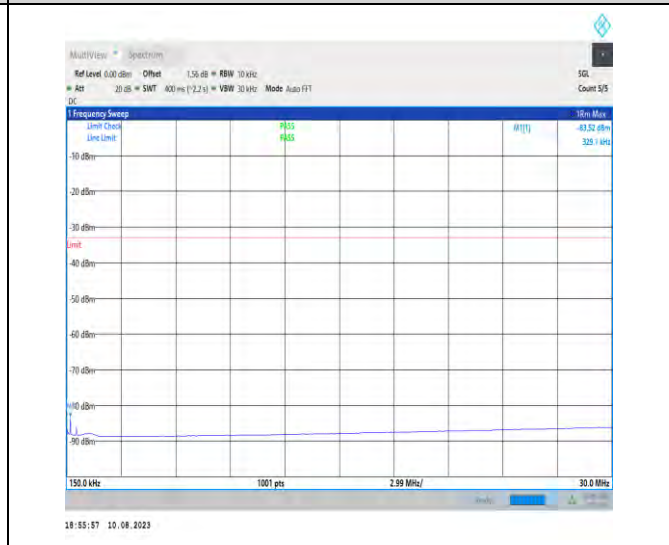
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 -41.36--13-PASS



1-N78-3700-3800-PC2-30-100-L-1-N/A-DFT-PI2BPS
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 --58.31--13-PASS

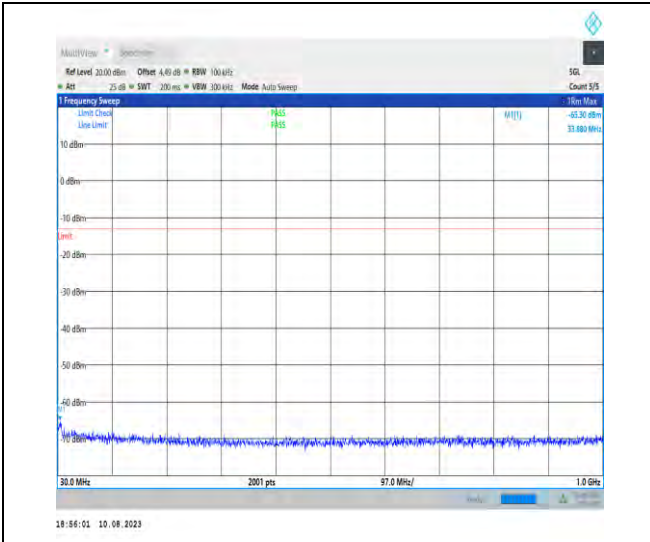


1-N78-3700-3800-PC2-30-100-M-1-N/A-DFT-PI2BP
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 14--43-PASS

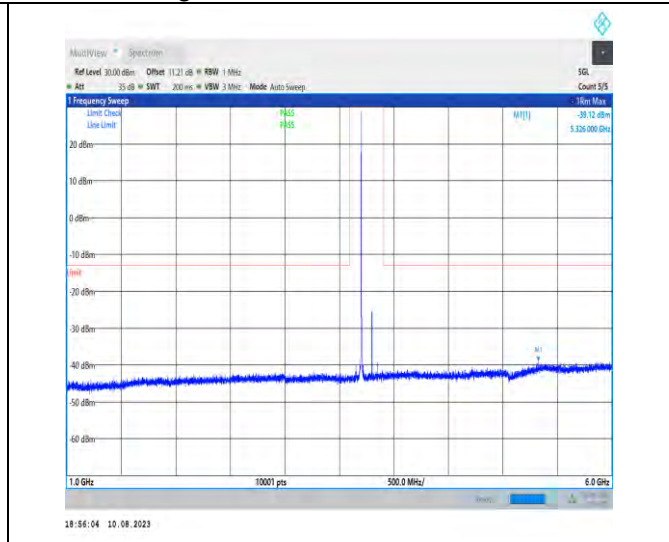


1-N78-3700-3800-PC2-30-100-M-1-N/A-DFT-PI2BPS
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 3-PASS

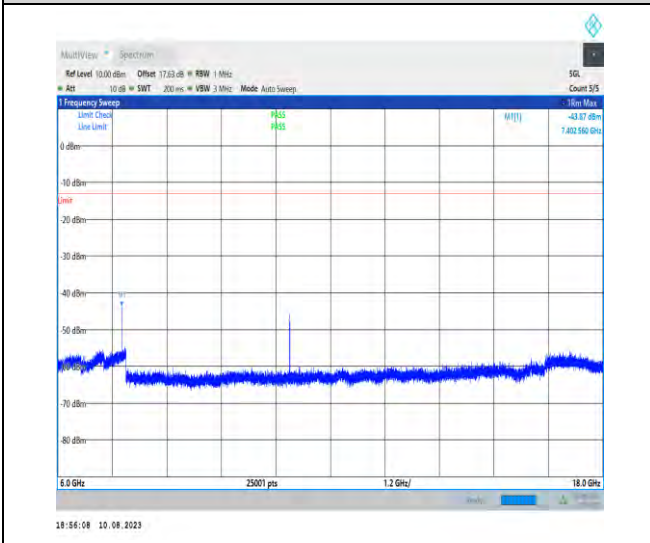




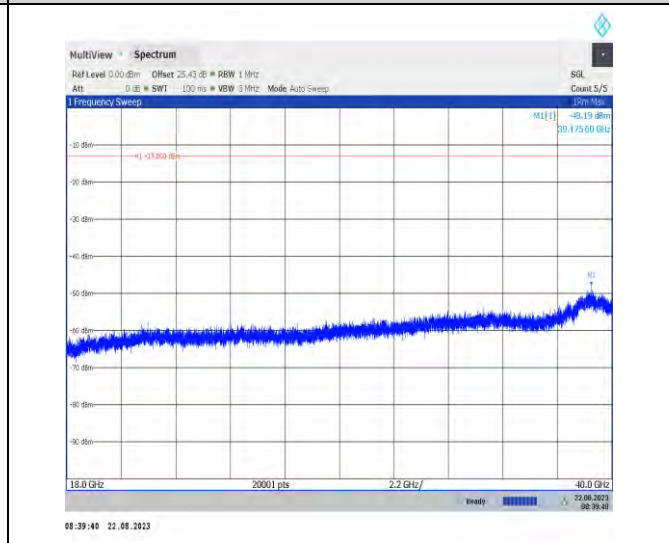
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 SK-Inner_1RB_Left-1@1-30-1000-Ant1-34.37--65.3
 0--13-PASS



1-N78-3700-3800-PC2-30-100-M-1-N/A-DFT-PI2BPS
 K-Inner_1RB_Left-1@1-1000-6000-Ant1-5935.00--39
 .12--13-PASS



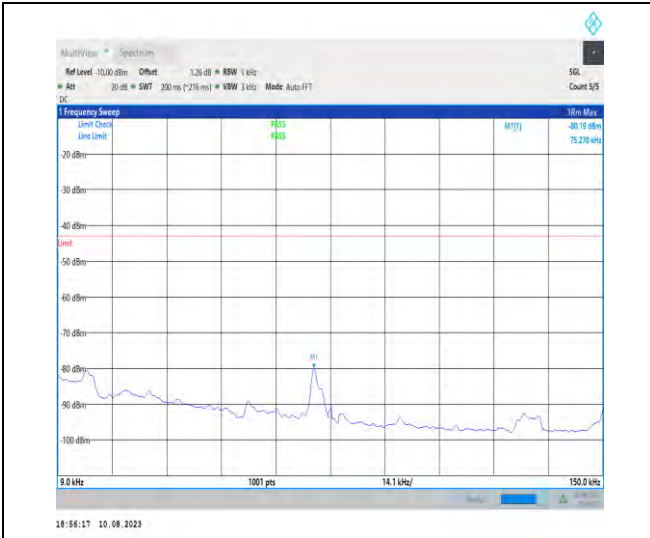
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 2--43.87--13-PASS



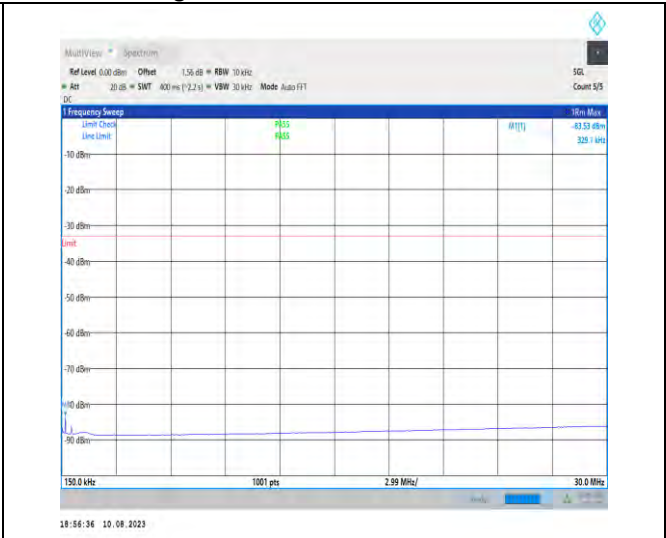
1-N78-3700-3800-PC2-30-100-M-1-N/A-DFT-PI2BPS
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 --58.55--13-PASS



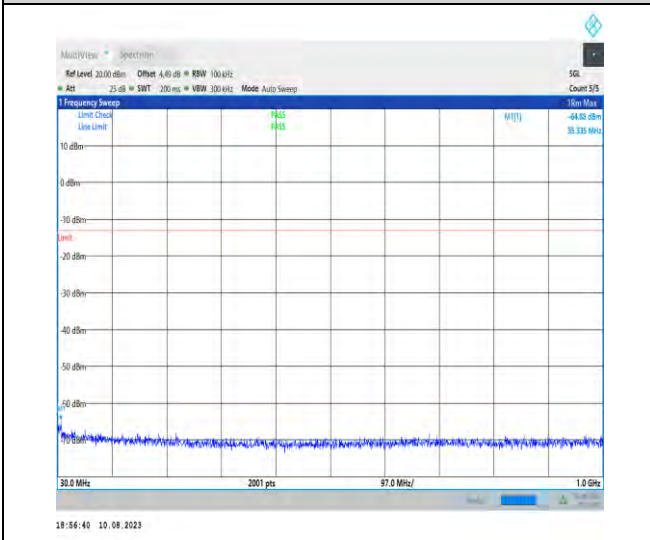
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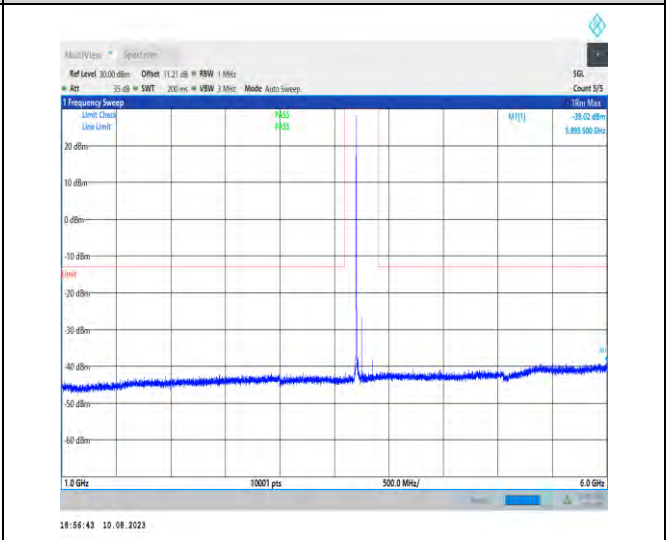
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 19--43-PASS



1-N78-3700-3800-PC2-30-100-H-1-N/A-DFT-PI2BPS
 K-Inner_1RB_Left-1@1-0.15-30-Ant1-0.33--83.53--3
 3-PASS



1-N78-3700-3800-PC2-30-100-H-1-N/A-DFT-PI2BP
 SK-Inner_1RB_Left-1@1-30-1000-Ant1-35.34--64.8
 8--13-PASS

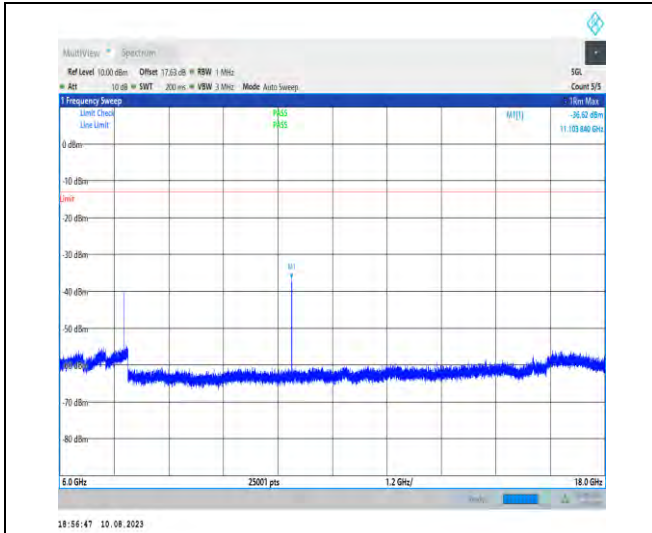


1-N78-3700-3800-PC2-30-100-H-1-N/A-DFT-PI2BPS
 K-Inner_1RB_Left-1@1-1000-6000-Ant1-5990.00--39
 .02--13-PASS

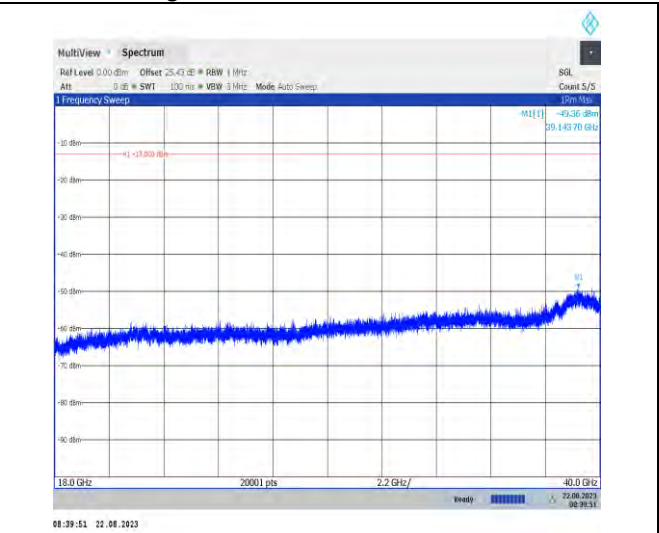


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1-N78-3700-3800-PC2-30-100-H-1-N/A-DFT-PI2BP
 SK-Inner_1RB_Left-1@1-6000-18000-Ant1-7402.56
 --36.62--13-PASS



1-N78-3700-3800-PC2-30-100-H-1-N/A-DFT-PI2BPS
 K-Inner_1RB_Left-1@1-18000-40000-Ant1-18000.00
 --58.41--13-PASS



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Field Strength of Spurious Radiation

Test Band = NR_Band 78(3700~3800)_ Ant 2TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7402.2708	56.76	-45.57	36.57	-47.51	-13.00	34.51	147	64	Vertical
2	8951.8958	41.54	-43.59	37.53	-59.78	-13.00	46.78	238	74	Vertical
3	12012.3333	37.65	-38.66	39.19	-57.08	-13.00	44.08	196	265	Vertical
4	17980.3542	36.50	-37.04	45.17	-50.62	-13.00	37.62	144	296	Vertical
5	11115.27	38.23	-40.09	39.38	-57.74	-13.00	44.74	152	206	Vertical
6	14820.36	36.33	-37.72	40.24	-56.40	-13.00	43.40	136	238	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7401.7917	56.55	-45.57	36.56	-47.72	-13.00	34.72	209	80	Horizontal
2	9346.7292	41.85	-42.88	37.91	-58.38	-13.00	45.38	168	258	Horizontal
3	13715.2917	37.25	-38.04	40.25	-55.80	-13.00	42.80	233	348	Horizontal
4	17623.375	36.80	-36.99	42.89	-52.56	-13.00	39.56	154	90	Horizontal
5	11115.27	37.42	-40.09	39.38	-58.55	-13.00	45.55	156	342	Horizontal
6	14820.36	36.17	-37.72	40.24	-56.56	-13.00	43.56	287	184	Horizontal



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Test Band = NR_Band 78(3700~3800)_ Ant 6TM1
 Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7402.2708	50.47	-45.57	36.57	-53.80	-13.00	40.80	132	68	Vertical
2	9523.0625	41.59	-42.44	38.07	-58.04	-13.00	45.04	165	21	Vertical
3	13923.25	37.54	-38.53	40.72	-55.52	-13.00	42.52	274	5	Vertical
4	17628.1667	36.26	-37.04	42.92	-53.12	-13.00	40.12	156	137	Vertical
5	11115.27	37.44	-40.09	39.38	-58.53	-13.00	45.53	252	360	Vertical
6	14820.36	36.39	-37.72	40.24	-56.34	-13.00	43.34	174	37	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7401.7917	49.91	-45.57	36.56	-54.36	-13.00	41.36	191	52	Horizontal
2	9321.8125	41.75	-42.91	37.89	-58.53	-13.00	45.53	201	274	Horizontal
3	13744.5208	37.27	-38.20	40.31	-55.88	-13.00	42.88	163	327	Horizontal
4	17505.5	36.02	-36.15	42.14	-53.26	-13.00	40.26	241	41	Horizontal
5	11115.27	37.07	-40.09	39.38	-58.90	-13.00	45.90	175	62	Horizontal
6	14820.36	35.99	-37.72	40.24	-56.74	-13.00	43.74	255	248	Horizontal



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Test Band = NR_Band 78(3700~3800)_ Ant 7TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7401.7917	51.93	-45.57	36.56	-52.34	-13.00	39.34	218	43	Vertical
2	8743.9375	42.71	-43.76	37.24	-59.07	-13.00	46.07	196	108	Vertical
3	9459.3333	41.42	-42.72	38.01	-58.54	-13.00	45.54	233	360	Vertical
4	17363.6667	36.81	-37.17	41.23	-54.40	-13.00	41.40	185	244	Vertical
5	11115.27	37.38	-40.09	39.38	-58.59	-13.00	45.59	146	80	Vertical
6	14820.36	36.51	-37.72	40.24	-56.22	-13.00	43.22	201	281	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7402.2708	52.60	-45.57	36.57	-51.67	-13.00	38.67	181	33	Horizontal
2	9309.8333	41.74	-42.93	37.88	-58.57	-13.00	45.57	214	328	Horizontal
3	13920.8542	38.03	-38.51	40.72	-55.02	-13.00	42.02	156	259	Horizontal
4	17625.2917	37.07	-37.01	42.90	-52.30	-13.00	39.30	296	197	Horizontal
5	11115.27	37.88	-40.09	39.38	-58.09	-13.00	45.09	207	248	Horizontal
6	14820.36	36.44	-37.72	40.24	-56.29	-13.00	43.29	185	301	Horizontal



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Test Band = NR_Band 78(3700~3800)_ Ant 8TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7402.2708	50.75	-45.57	36.57	-53.52	-13.00	40.52	219	47	Vertical
2	9332.8333	41.88	-42.90	37.90	-58.38	-13.00	45.38	254	68	Vertical
3	14066.0417	37.81	-38.88	40.85	-55.48	-13.00	42.48	178	309	Vertical
4	17223.2708	36.40	-37.16	40.33	-55.69	-13.00	42.69	246	359	Vertical
5	11115.27	37.29	-40.09	39.38	-58.68	-13.00	45.68	131	47	Vertical
6	14820.36	36.30	-37.72	40.24	-56.43	-13.00	43.43	264	188	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7402.2708	48.65	-45.57	36.57	-55.62	-13.00	42.62	141	231	Horizontal
2	9636.625	40.80	-41.92	38.17	-58.21	-13.00	45.21	216	241	Horizontal
3	13384.1875	38.89	-38.96	39.48	-55.84	-13.00	42.84	238	320	Horizontal
4	17314.7917	36.92	-37.12	40.91	-54.55	-13.00	41.55	274	277	Horizontal
5	11115.27	37.00	-40.09	39.38	-58.97	-13.00	45.97	146	262	Horizontal
6	14820.36	36.00	-37.72	40.24	-56.73	-13.00	43.73	251	299	Horizontal



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Test Band = ENDC 38A_n78A(3700~3800)_ Ant 2TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7402.2708	56.93	-45.57	36.57	-47.34	-13.00	34.34	145	27	Vertical
2	9326.125	41.51	-42.91	37.89	-58.76	-13.00	45.76	216	74	Vertical
3	13715.2917	37.93	-38.04	40.25	-55.12	-13.00	42.12	288	122	Vertical
4	17972.2083	36.84	-37.06	45.12	-50.36	-13.00	37.36	196	58	Vertical
5	11115.27	37.49	-40.09	39.38	-58.48	-13.00	45.48	230	350	Vertical
6	14820.36	36.19	-37.72	40.24	-56.54	-13.00	43.54	126	354	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7401.7917	55.39	-45.57	36.56	-48.88	-13.00	35.88	178	38	Horizontal
2	9464.6042	41.30	-42.71	38.02	-58.65	-13.00	45.65	254	339	Horizontal
3	13877.7292	37.56	-38.38	40.62	-55.46	-13.00	42.46	186	43	Horizontal
4	17518.9167	35.87	-36.24	42.22	-53.40	-13.00	40.40	239	43	Horizontal
5	11115.27	37.04	-40.09	39.38	-58.93	-13.00	45.93	278	185	Horizontal
6	14820.36	36.42	-37.72	40.24	-56.31	-13.00	43.31	145	78	Horizontal



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Test Band = ENDC 38A_n78A(3700~3800)_ Ant 6TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2479.9583	42.22	-24.12	27.28	-49.88	-13.00	36.88	178	0	Vertical
2	7401.7917	50.92	-45.57	36.56	-53.35	-13.00	40.35	265	62	Vertical
3	1659.68	32.34	-24.74	25.34	-62.32	-13.00	49.32	243	1	Vertical
4	3319.36	31.52	-22.42	28.63	-57.53	-13.00	44.53	144	113	Vertical
5	11115.27	37.26	-40.09	39.38	-58.71	-13.00	45.71	182	62	Vertical
6	14820.36	36.26	-37.72	40.24	-56.47	-13.00	43.47	136	236	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7402.2708	48.98	-45.57	36.57	-55.29	-13.00	42.29	175	89	Horizontal
2	1659.68	32.43	-24.74	25.34	-62.23	-13.00	49.23	211	249	Horizontal
3	2489.52	32.15	-24.05	27.29	-59.87	-13.00	46.87	196	21	Horizontal
4	3319.36	31.61	-22.42	28.63	-57.44	-13.00	44.44	235	31	Horizontal
5	11115.27	37.01	-40.09	39.38	-58.96	-13.00	45.96	241	252	Horizontal
6	14820.36	35.90	-37.72	40.24	-56.83	-13.00	43.83	155	73	Horizontal



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Test Band = ENDC 38A_n78A(3700~3800)_ Ant 7TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7401.7917	52.13	-45.57	36.56	-52.14	-13.00	39.14	239	79	Vertical
2	9931.7917	40.46	-41.79	38.44	-58.15	-13.00	45.15	186	264	Vertical
3	5172.18	30.10	-17.84	31.91	-51.09	-13.00	38.09	227	245	Vertical
4	7758.27	41.65	-45.00	36.49	-62.12	-13.00	49.12	145	200	Vertical
5	11115.27	38.11	-40.09	39.38	-57.86	-13.00	44.86	168	15	Vertical
6	14820.36	36.47	-37.72	40.24	-56.26	-13.00	43.26	289	95	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7401.7917	53.00	-45.57	36.56	-51.27	-13.00	38.27	219	63	Horizontal
2	9903.5208	40.14	-41.81	38.41	-58.51	-13.00	45.51	186	242	Horizontal
3	5172.18	30.34	-17.84	31.91	-50.85	-13.00	37.85	203	73	Horizontal
4	7758.27	41.29	-45.00	36.49	-62.48	-13.00	49.48	247	94	Horizontal
5	11115.27	37.29	-40.09	39.38	-58.68	-13.00	45.68	168	360	Horizontal
6	14820.36	36.21	-37.72	40.24	-56.52	-13.00	43.52	281	41	Horizontal



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Test Band = ENDC 38A_n78A(3700~3800)_ Ant 8TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7401.7917	49.35	-45.57	36.56	-54.92	-13.00	41.92	191	52	Vertical
2	9567.625	41.11	-42.03	38.11	-58.07	-13.00	45.07	253	298	Vertical
3	5172.18	30.03	-17.84	31.91	-51.16	-13.00	38.16	299	167	Vertical
4	7758.27	41.47	-45.00	36.49	-62.30	-13.00	49.30	241	345	Vertical
5	11115.27	38.18	-40.09	39.38	-57.79	-13.00	44.79	302	83	Vertical
6	14820.36	36.47	-37.72	40.24	-56.26	-13.00	43.26	165	288	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7401.7917	50.72	-45.57	36.56	-53.55	-13.00	40.55	295	62	Horizontal
2	10246.125	40.19	-41.62	38.72	-57.97	-13.00	44.97	174	246	Horizontal
3	5172.18	30.06	-17.84	31.91	-51.13	-13.00	38.13	186	213	Horizontal
4	7758.27	41.24	-45.00	36.49	-62.53	-13.00	49.53	206	252	Horizontal
5	11115.27	36.90	-40.09	39.38	-59.07	-13.00	46.07	215	252	Horizontal
6	14820.36	37.40	-37.72	40.24	-55.33	-13.00	42.33	187	89	Horizontal

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



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78 -3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-14.00	0.00	PASS
N78 -3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-13.40	0.00	PASS
N78 -3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-18.40	0.00	PASS
N78 -3700-3800	30	100	CP-QPSK	M	Outer_Full	VH	NT	-18.40	0.00	PASS
N78 -3700-3800	30	100	CP-QPSK	M	Outer_Full	VN	NT	-16.60	0.00	PASS
N78 -3700-3800	30	100	CP-QPSK	M	Outer_Full	VL	NT	-13.50	0.00	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78 -3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-11.800000	-0.003147	PASS
N78 -3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-28.100000	-0.007493	PASS
N78 -3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-14.400000	-0.003840	PASS
N78 -3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-11.900000	-0.003173	PASS
N78 -3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-17.700000	-0.004720	PASS
N78 -3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-8.300000	-0.002213	PASS
N78 -3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-10.000000	-0.002667	PASS
N78 -3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-21.500000	-0.005733	PASS
N78 -3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-14.900000	-0.003973	PASS
N78 -3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	-30	-27.600000	-0.007360	PASS
N78 -3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	-20	-21.900000	-0.005840	PASS
N78 -3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	-10	-9.600000	-0.002560	PASS
N78 -3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	0	-17.700000	-0.004720	PASS
N78 -3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	10	-10.300000	-0.002747	PASS
N78 -3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	20	-21.000000	-0.005600	PASS
N78 -3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	30	-12.200000	-0.003253	PASS
N78 -3700-3800	30	100	CP-QPSK	M	Outer_Full	NV	40	-18.400000	-0.004907	PASS



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-3700-3800										
N78	30	100	CP-QPSK	M	Outer_Full	NV	50	-12.000000	-0.003200	PASS
-3700-3800										

---End of Attachment---



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