

Report No.: SEWM2311000454RG02

Rev.: 01

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Appendix B.26

NR Band n77(3700-3980)



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Ant6:

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N77(3700-3980)	30	100	DFT-PI2BPSK	M	1RB1	24.58	27.18	30	PASS
N77(3700-3980)	30	100	DFT-PI2BPSK	M	1RB271	24.23	26.83	30	PASS
N77(3700-3980)	30	100	DFT-PI2BPSK	M	272RB0	23.49	26.09	30	PASS
N77(3700-3980)	30	100	DFT-QPSK	M	1RB1	24.74	27.34	30	PASS
N77(3700-3980)	30	100	DFT-QPSK	M	1RB271	24.43	27.03	30	PASS
N77(3700-3980)	30	100	DFT-QPSK	M	272RB0	23.39	25.99	30	PASS
N77(3700-3980)	30	100	DFT-16QAM	M	1RB1	23.97	26.57	30	PASS
N77(3700-3980)	30	100	DFT-64QAM	M	1RB1	22.45	25.05	30	PASS
N77(3700-3980)	30	100	DFT-256QAM	M	1RB1	20.32	22.92	30	PASS
N77(3700-3980)	30	100	CP-QPSK	M	1RB1	22.62	25.22	30	PASS
N77(3700-3980)	30	90	DFT-QPSK	L	1RB1	24.42	27.02	30	PASS
N77(3700-3980)	30	90	DFT-16QAM	L	1RB1	22.98	25.58	30	PASS
N77(3700-3980)	30	90	DFT-QPSK	M	1RB1	24.25	26.85	30	PASS
N77(3700-3980)	30	90	DFT-16QAM	M	1RB1	23.48	26.08	30	PASS
N77(3700-3980)	30	90	DFT-QPSK	H	1RB1	24.4	27	30	PASS
N77(3700-3980)	30	90	DFT-16QAM	H	1RB1	23.24	25.84	30	PASS
N77(3700-3980)	30	80	DFT-QPSK	L	1RB1	24.29	26.89	30	PASS
N77(3700-3980)	30	80	DFT-16QAM	L	1RB1	22.98	25.58	30	PASS
N77(3700-3980)	30	80	DFT-QPSK	M	1RB1	24.35	26.95	30	PASS
N77(3700-3980)	30	80	DFT-16QAM	M	1RB1	23.36	25.96	30	PASS
N77(3700-3980)	30	80	DFT-QPSK	H	1RB1	24.38	26.98	30	PASS
N77(3700-3980)	30	80	DFT-16QAM	H	1RB1	23.05	25.65	30	PASS
N77(3700-3980)	30	70	DFT-QPSK	L	1RB1	24.46	27.06	30	PASS
N77(3700-3980)	30	70	DFT-16QAM	L	1RB1	23.25	25.85	30	PASS
N77(3700-3980)	30	70	DFT-QPSK	M	1RB1	24.37	26.97	30	PASS
N77(3700-3980)	30	70	DFT-16QAM	M	1RB1	23.11	25.71	30	PASS
N77(3700-3980)	30	70	DFT-QPSK	H	1RB1	24.44	27.04	30	PASS
N77(3700-3980)	30	70	DFT-16QAM	H	1RB1	23.14	25.74	30	PASS



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N77(3700-3980)	30	60	DFT-QPSK	L	1RB1	24.3	26.9	30	PASS
N77(3700-3980)	30	60	DFT-16QAM	L	1RB1	23.26	25.86	30	PASS
N77(3700-3980)	30	60	DFT-QPSK	M	1RB1	24.41	27.01	30	PASS
N77(3700-3980)	30	60	DFT-16QAM	M	1RB1	23.2	25.8	30	PASS
N77(3700-3980)	30	60	DFT-QPSK	H	1RB1	24.25	26.85	30	PASS
N77(3700-3980)	30	60	DFT-16QAM	H	1RB1	23.13	25.73	30	PASS
N77(3700-3980)	30	50	DFT-QPSK	L	1RB1	24.4	27	30	PASS
N77(3700-3980)	30	50	DFT-16QAM	L	1RB1	22.93	25.53	30	PASS
N77(3700-3980)	30	50	DFT-QPSK	M	1RB1	24.43	27.03	30	PASS
N77(3700-3980)	30	50	DFT-16QAM	M	1RB1	22.99	25.59	30	PASS
N77(3700-3980)	30	50	DFT-QPSK	H	1RB1	24.26	26.86	30	PASS
N77(3700-3980)	30	50	DFT-16QAM	H	1RB1	23.19	25.79	30	PASS
N77(3700-3980)	30	40	DFT-QPSK	L	1RB1	24.53	27.13	30	PASS
N77(3700-3980)	30	40	DFT-16QAM	L	1RB1	23.15	25.75	30	PASS
N77(3700-3980)	30	40	DFT-QPSK	M	1RB1	24.2	26.8	30	PASS
N77(3700-3980)	30	40	DFT-16QAM	M	1RB1	23.42	26.02	30	PASS
N77(3700-3980)	30	40	DFT-QPSK	H	1RB1	24.42	27.02	30	PASS
N77(3700-3980)	30	40	DFT-16QAM	H	1RB1	23.25	25.85	30	PASS
N77(3700-3980)	30	30	DFT-QPSK	L	1RB1	24.19	26.79	30	PASS
N77(3700-3980)	30	30	DFT-16QAM	L	1RB1	23.15	25.75	30	PASS
N77(3700-3980)	30	30	DFT-QPSK	M	1RB1	24.42	27.02	30	PASS
N77(3700-3980)	30	30	DFT-16QAM	M	1RB1	23.18	25.78	30	PASS
N77(3700-3980)	30	30	DFT-QPSK	H	1RB1	24.3	26.9	30	PASS
N77(3700-3980)	30	30	DFT-16QAM	H	1RB1	23.37	25.97	30	PASS
N77(3700-3980)	30	20	DFT-QPSK	L	1RB1	24.32	26.92	30	PASS
N77(3700-3980)	30	20	DFT-16QAM	L	1RB1	23.18	25.78	30	PASS
N77(3700-3980)	30	20	DFT-QPSK	M	1RB1	24.52	27.12	30	PASS
N77(3700-3980)	30	20	DFT-16QAM	M	1RB1	23.33	25.93	30	PASS
N77(3700-3980)	30	20	DFT-QPSK	H	1RB1	24.19	26.79	30	PASS
N77(3700-3980)	30	20	DFT-16QAM	H	1RB1	23.03	25.63	30	PASS
N77(3700-3980)	30	15	DFT-QPSK	L	1RB1	24.23	26.83	30	PASS
N77(3700-3980)	30	15	DFT-16QAM	L	1RB1	23.04	25.64	30	PASS
N77(3700-3980)	30	15	DFT-QPSK	M	1RB1	24.36	26.96	30	PASS
N77(3700-3980)	30	15	DFT-16QAM	M	1RB1	23.38	25.98	30	PASS
N77(3700-3980)	30	15	DFT-QPSK	H	1RB1	24.37	26.97	30	PASS
N77(3700-3980)	30	15	DFT-16QAM	H	1RB1	22.86	25.46	30	PASS



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N77(3700-3980)	30	10	DFT-QPSK	L	1RB1	24.3	26.9	30	PASS
N77(3700-3980)	30	10	DFT-16QAM	L	1RB1	23.03	25.63	30	PASS
N77(3700-3980)	30	10	DFT-QPSK	M	1RB1	24.19	26.79	30	PASS
N77(3700-3980)	30	10	DFT-16QAM	M	1RB1	23.53	26.13	30	PASS
N77(3700-3980)	30	10	DFT-QPSK	H	1RB1	24.42	27.02	30	PASS
N77(3700-3980)	30	10	DFT-16QAM	H	1RB1	23.16	25.76	30	PASS



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Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	5.09	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	5.06	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	5.07	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	5.05	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	5.07	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	5.08	≤13	PASS

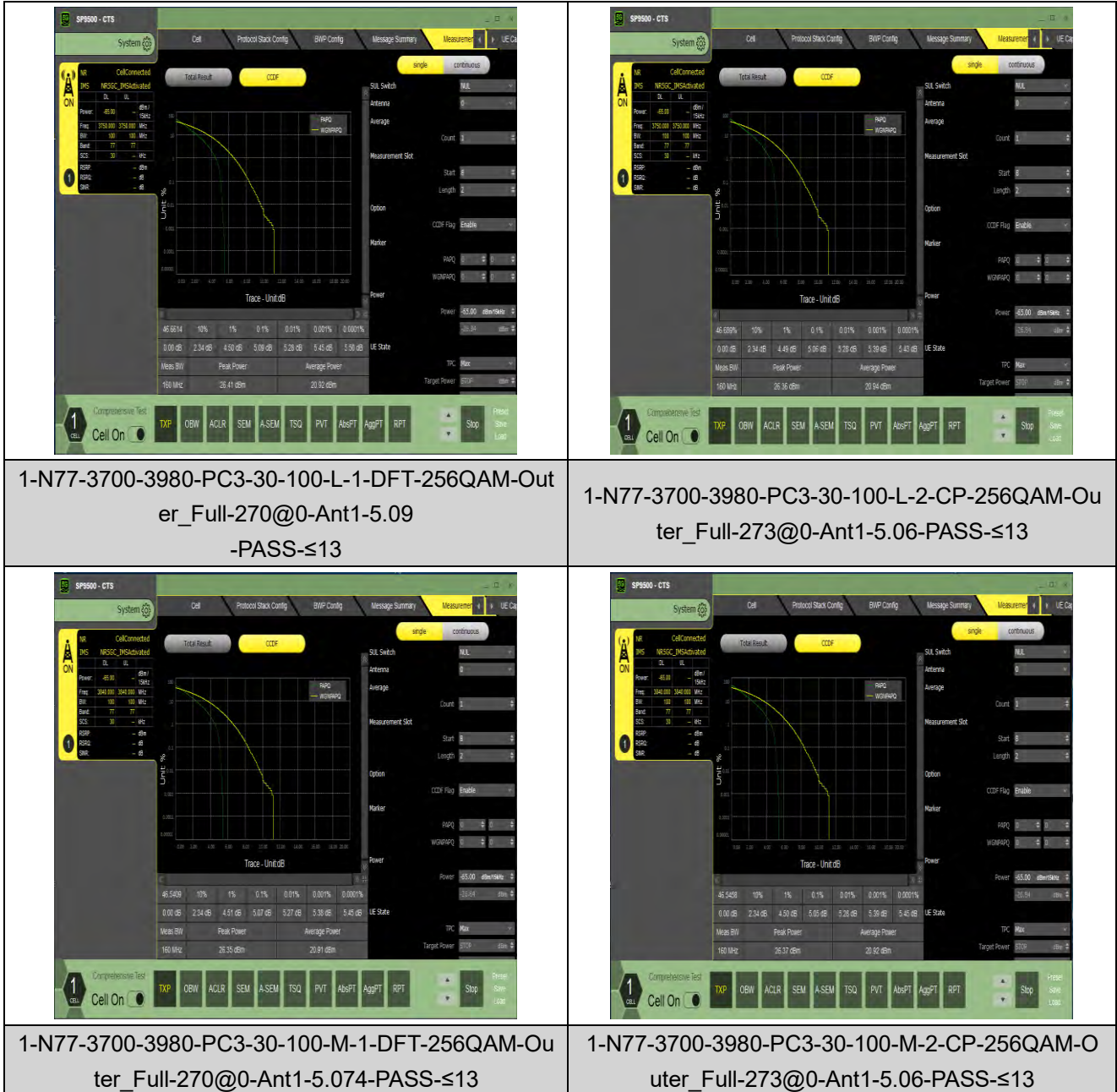


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Test Graphs



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1-N77-3700-3980-PC3-30-100-H-1-DFT-256QAM-Ou
ter_Full-270@0-Ant1-5.07-PASS-≤13

1-N77-3700-3980-PC3-30-100-H-2-CP-256QAM-Ou
ter_Full-273@0-Ant1-5.06-PASS-≤13



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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
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	8.91	10.500	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	8.928	10.340	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	8.842	10.480	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	8.895	10.400	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	8.854	10.400	PASS
N77-3700-3980	30	10	CP-QPSK	M	Outer_Full	8.9	10.400	PASS
N77-3700-3980	30	10	CP-16QAM	M	Outer_Full	8.859	9.980	PASS
N77-3700-3980	30	10	CP-64QAM	M	Outer_Full	8.872	10.500	PASS
N77-3700-3980	30	10	CP-256QAM	M	Outer_Full	8.83	10.360	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	13.106	14.700	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	13.062	14.940	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	13.097	14.970	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	13.11	14.610	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	13.049	14.550	PASS
N77-3700-3980	30	15	CP-QPSK	M	Outer_Full	13.702	15.360	PASS
N77-3700-3980	30	15	CP-16QAM	M	Outer_Full	13.756	15.450	PASS
N77-3700-3980	30	15	CP-64QAM	M	Outer_Full	13.777	15.210	PASS
N77-3700-3980	30	15	CP-256QAM	M	Outer_Full	13.758	15.120	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	17.972	19.720	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	17.992	19.600	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	18.139	19.960	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	18.044	19.840	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	17.999	19.960	PASS
N77-3700-3980	30	20	CP-QPSK	M	Outer_Full	18.315	20.000	PASS
N77-3700-3980	30	20	CP-16QAM	M	Outer_Full	18.296	19.600	PASS
N77-3700-3980	30	20	CP-64QAM	M	Outer_Full	18.285	19.760	PASS
N77-3700-3980	30	20	CP-256QAM	M	Outer_Full	18.275	19.840	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	26.943	28.560	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Outer_Full	26.845	28.680	PASS



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N77-3700-3980	30	30	DFT-16QAM	M	Outer_Full	26.875	28.440	PASS
N77-3700-3980	30	30	DFT-64QAM	M	Outer_Full	26.823	28.680	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Outer_Full	26.835	28.620	PASS
N77-3700-3980	30	30	CP-QPSK	M	Outer_Full	27.822	29.760	PASS
N77-3700-3980	30	30	CP-16QAM	M	Outer_Full	27.918	30.000	PASS
N77-3700-3980	30	30	CP-64QAM	M	Outer_Full	27.85	29.640	PASS
N77-3700-3980	30	30	CP-256QAM	M	Outer_Full	27.931	29.640	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	35.709	37.760	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	35.738	37.520	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	35.76	37.760	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	35.774	37.760	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	35.685	37.600	PASS
N77-3700-3980	30	40	CP-QPSK	M	Outer_Full	37.805	39.760	PASS
N77-3700-3980	30	40	CP-16QAM	M	Outer_Full	37.862	39.680	PASS
N77-3700-3980	30	40	CP-64QAM	M	Outer_Full	37.698	39.600	PASS
N77-3700-3980	30	40	CP-256QAM	M	Outer_Full	37.764	40.320	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	45.708	47.600	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	45.684	47.800	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	45.715	47.500	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	45.766	47.400	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	45.649	47.800	PASS
N77-3700-3980	30	50	CP-QPSK	M	Outer_Full	47.396	49.100	PASS
N77-3700-3980	30	50	CP-16QAM	M	Outer_Full	47.354	49.300	PASS
N77-3700-3980	30	50	CP-64QAM	M	Outer_Full	47.412	49.200	PASS
N77-3700-3980	30	50	CP-256QAM	M	Outer_Full	47.468	49.200	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	57.789	60.720	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	57.994	60.840	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	57.963	60.840	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	57.867	60.720	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	57.798	60.960	PASS
N77-3700-3980	30	60	CP-QPSK	M	Outer_Full	57.907	60.600	PASS
N77-3700-3980	30	60	CP-16QAM	M	Outer_Full	57.798	60.720	PASS
N77-3700-3980	30	60	CP-64QAM	M	Outer_Full	57.971	60.360	PASS
N77-3700-3980	30	60	CP-256QAM	M	Outer_Full	57.767	60.600	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	64.241	67.340	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Outer_Full	64.421	67.060	PASS



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N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	64.28	67.340	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	64.345	67.200	PASS
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	64.233	67.200	PASS
N77-3700-3980	30	70	CP-QPSK	M	Outer_Full	67.521	70.560	PASS
N77-3700-3980	30	70	CP-16QAM	M	Outer_Full	67.277	70.560	PASS
N77-3700-3980	30	70	CP-64QAM	M	Outer_Full	67.414	70.560	PASS
N77-3700-3980	30	70	CP-256QAM	M	Outer_Full	67.534	70.700	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	77.022	80.480	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	77.184	80.640	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	76.964	80.320	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	77.166	80.160	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	77.166	80.320	PASS
N77-3700-3980	30	80	CP-QPSK	M	Outer_Full	77.458	80.640	PASS
N77-3700-3980	30	80	CP-16QAM	M	Outer_Full	77.531	80.480	PASS
N77-3700-3980	30	80	CP-64QAM	M	Outer_Full	77.371	80.480	PASS
N77-3700-3980	30	80	CP-256QAM	M	Outer_Full	77.305	80.320	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	85.53	88.920	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	85.67	89.100	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	85.650	88.920	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	85.762	89.100	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	85.739	88.920	PASS
N77-3700-3980	30	90	CP-QPSK	M	Outer_Full	87.488	90.900	PASS
N77-3700-3980	30	90	CP-16QAM	M	Outer_Full	87.426	90.900	PASS
N77-3700-3980	30	90	CP-64QAM	M	Outer_Full	87.324	90.900	PASS
N77-3700-3980	30	90	CP-256QAM	M	Outer_Full	87.264	90.900	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	96.317	100.000	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	96.294	99.800	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	96.194	99.800	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	96.167	99.800	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	96.208	100.000	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	97.447	101.000	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	97.524	101.000	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	97.401	101.000	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	97.48	101.000	PASS

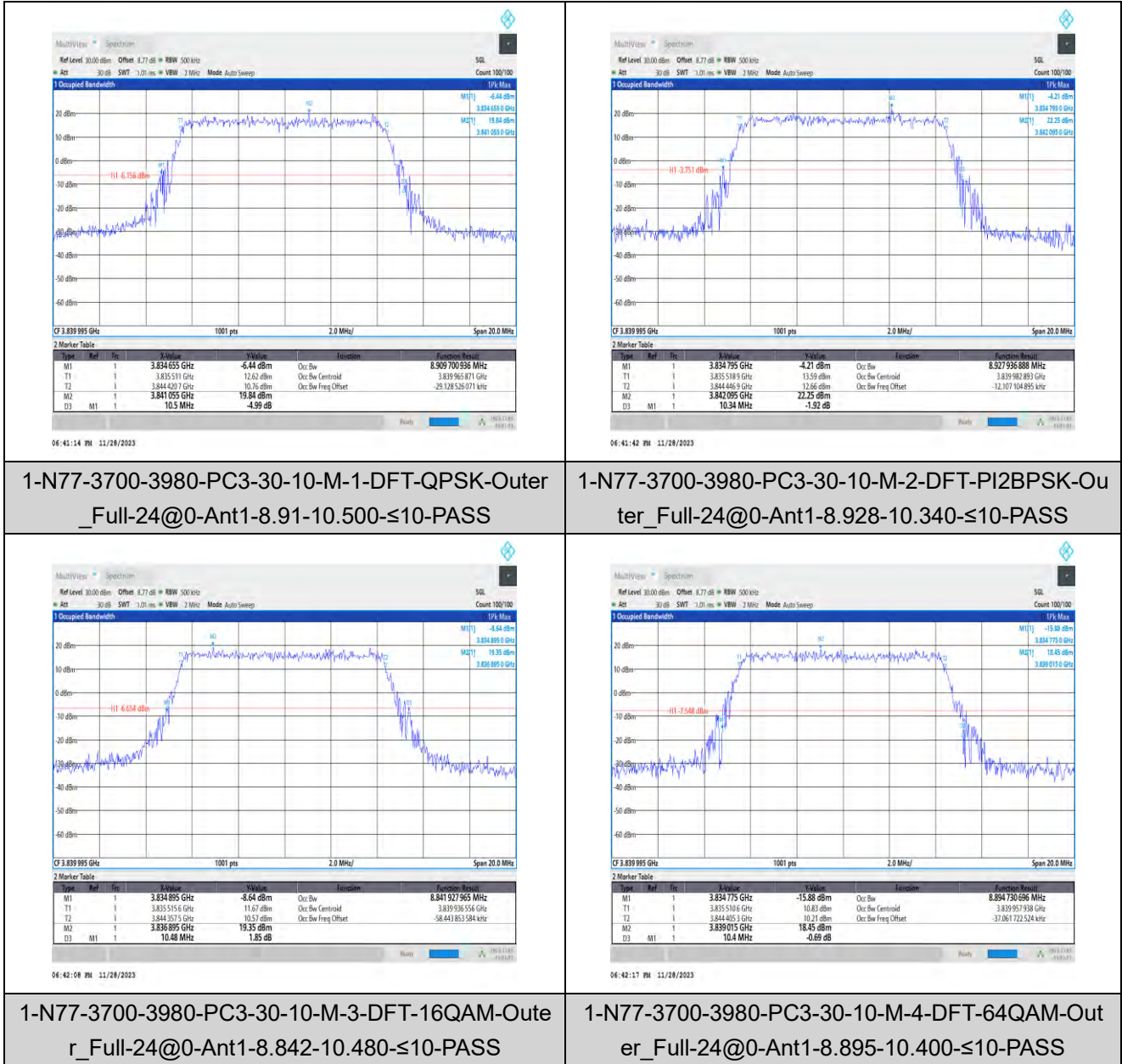


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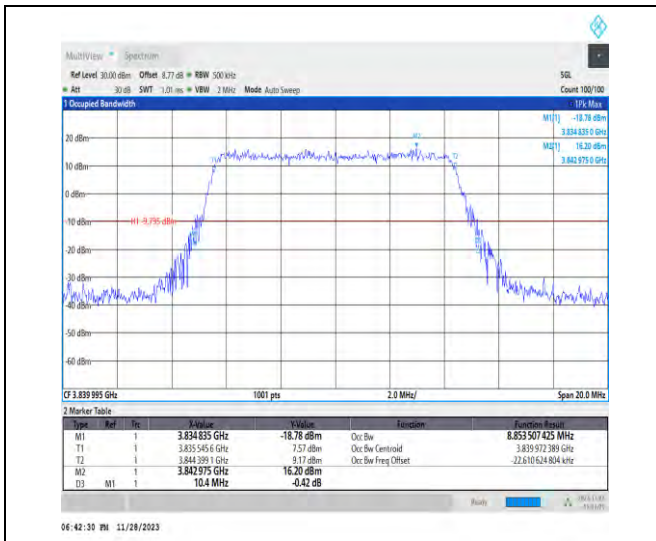
Test Graphs



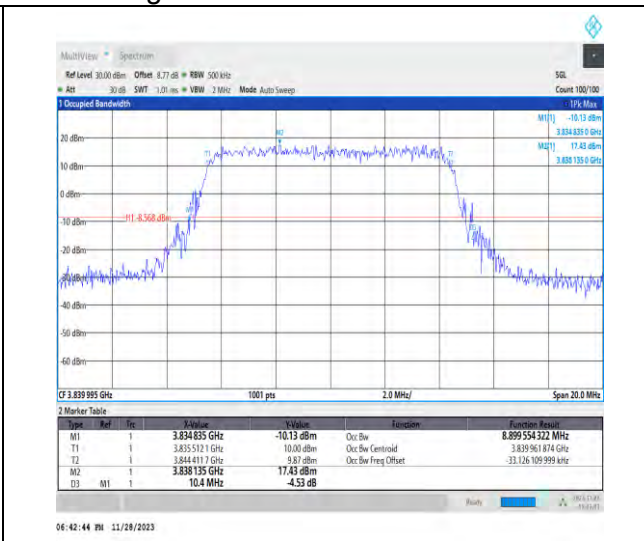
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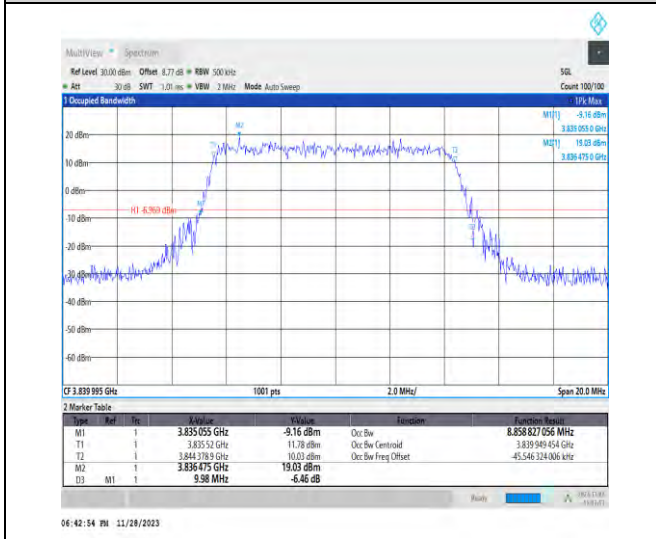
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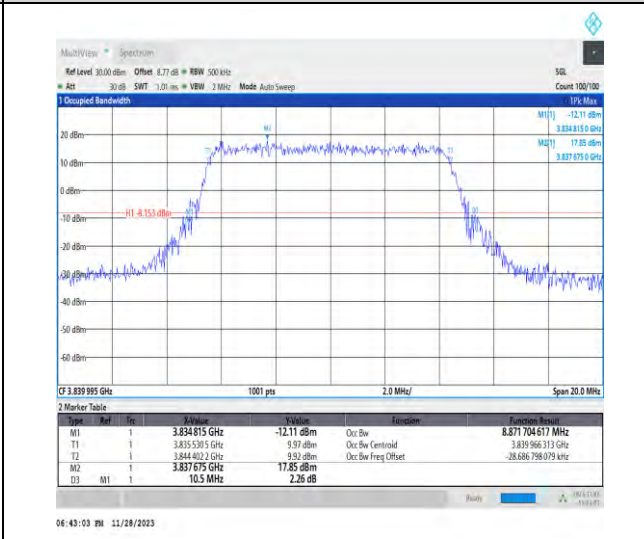
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1-N77-3700-3980-PC3-30-10-M-6-CP-QPSK-Outer
 Full-24@0-Ant1-8.9-10.400-≤10-PASS



1-N77-3700-3980-PC3-30-10-M-7-CP-16QAM-Outer
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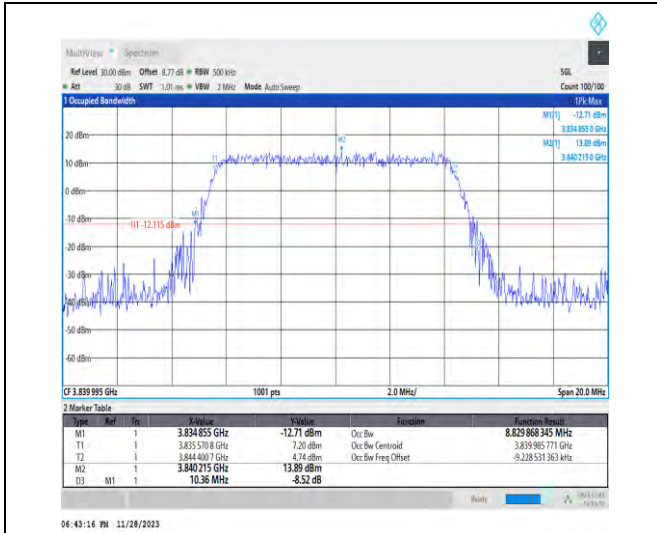
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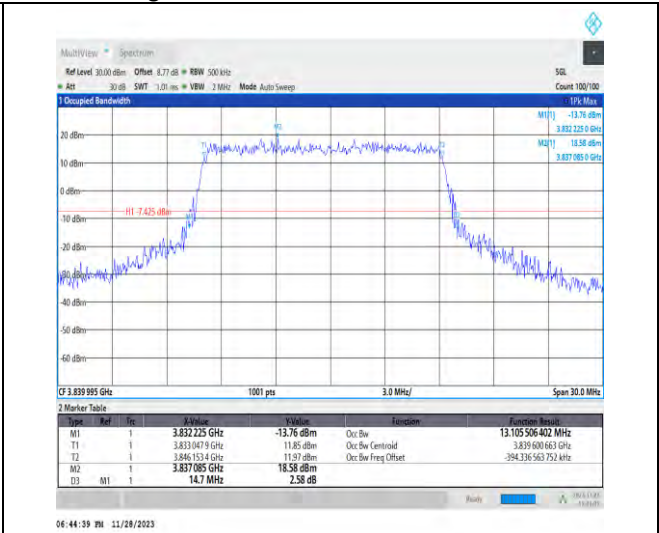
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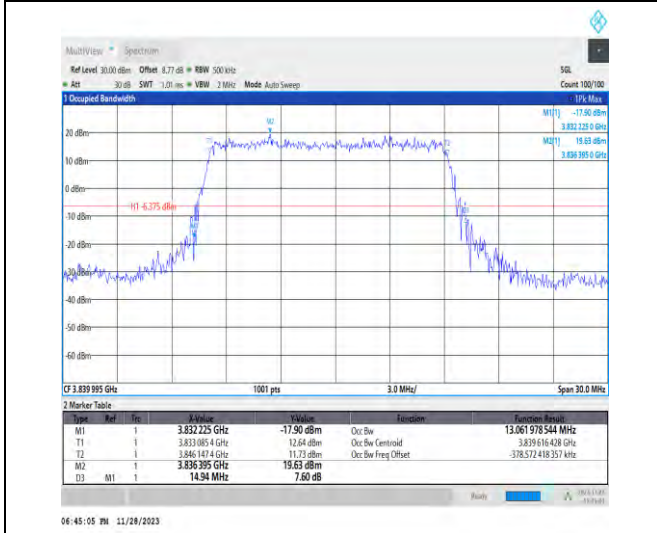
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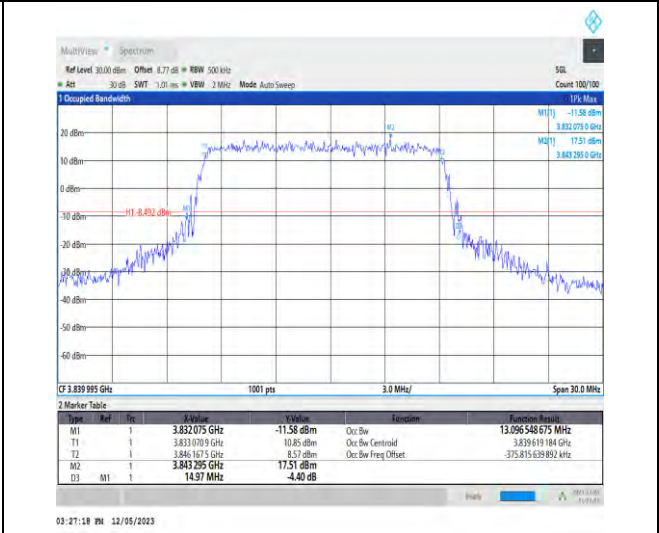
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1-N77-3700-3980-PC3-30-15-M-1-DFT-QPSK-Outer_Full-36@0-Ant1-13.106-14.700-≤15-PASS



1-N77-3700-3980-PC3-30-15-M-2-DFT-PI2BPSK-Outer_Full-36@0-Ant1-13.062-14.940-≤15-PASS

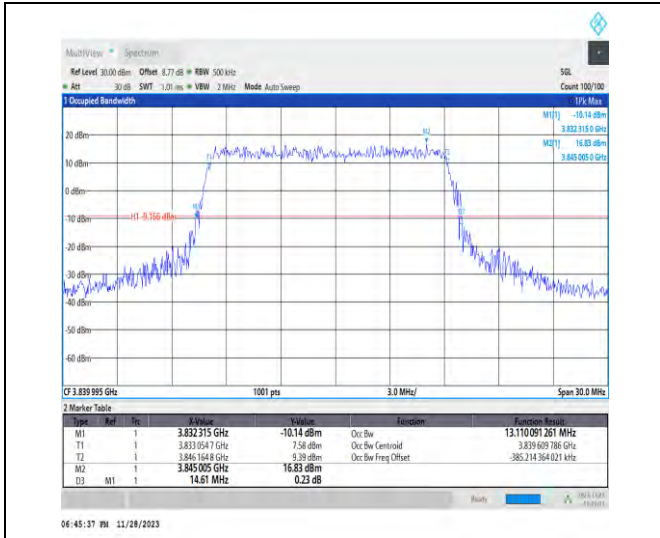


1-N77-3700-3980-PC3-30-15-M-3-DFT-16QAM-Outer_Full-36@0-Ant1-13.097-14.970-≤15-PASS



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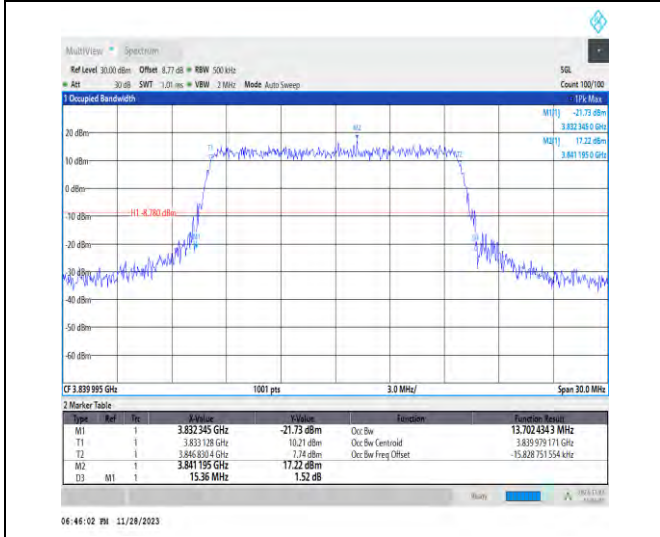
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1-N77-3700-3980-PC3-30-15-M-4-DFT-64QAM-Outer_Full-36@0-Ant1-13.11-14.610-≤15-PASS



1-N77-3700-3980-PC3-30-15-M-5-DFT-256QAM-Outer_Full-36@0-Ant1-13.049-14.550-≤15-PASS



1-N77-3700-3980-PC3-30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant1-13.702-15.360-≤15-PASS



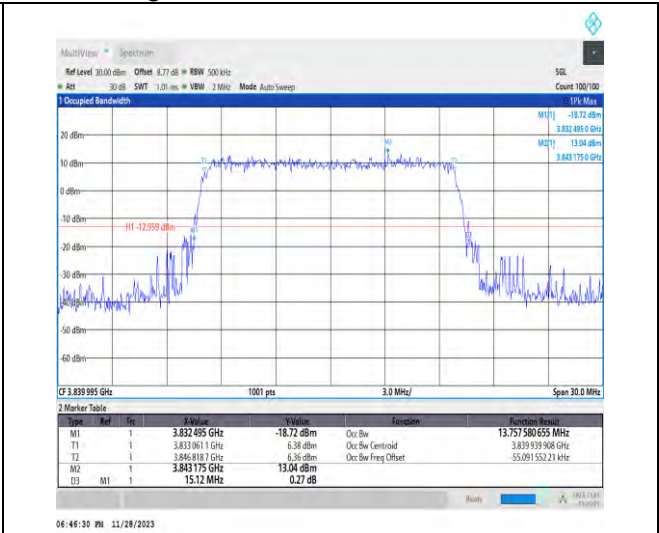
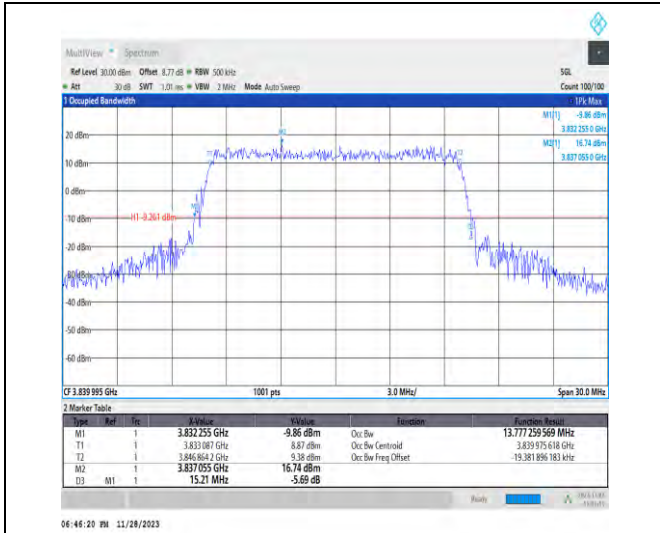
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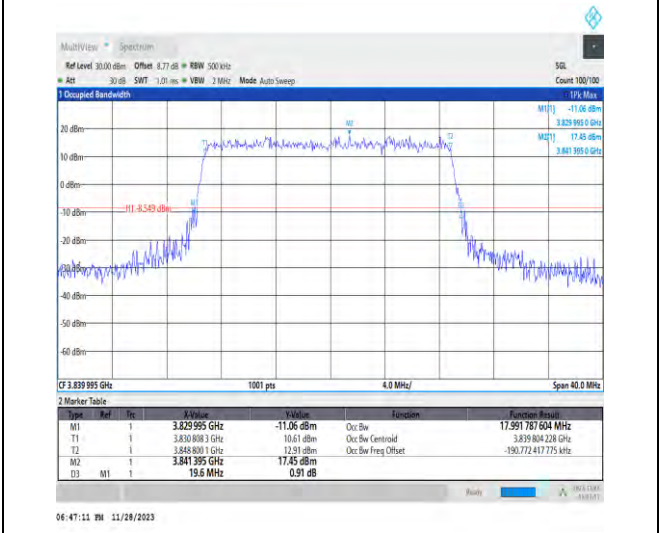
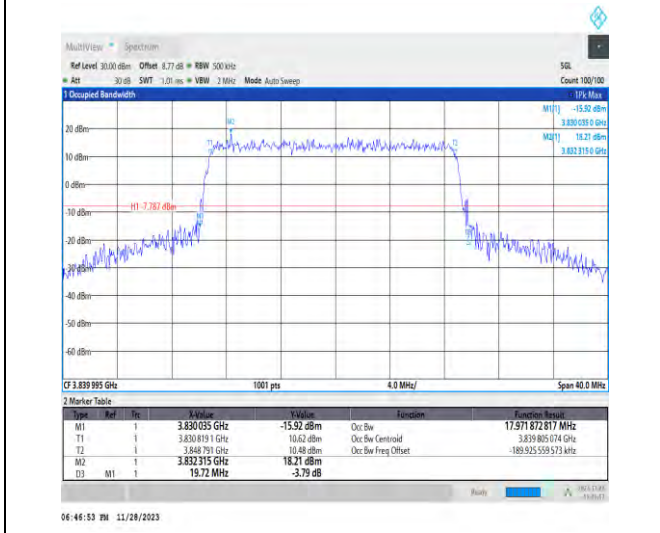
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1-N77-3700-3980-PC3-30-15-M-9-CP-256QAM-Outer_Full-38@0-Ant1-13.758-15.120-≤15-PASS



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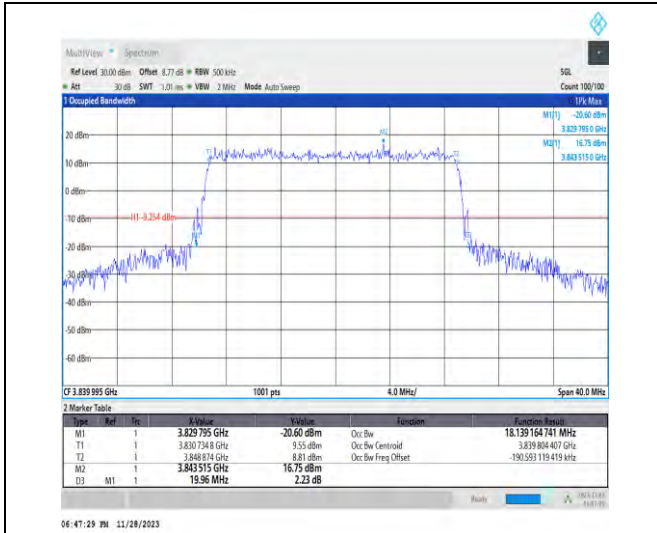
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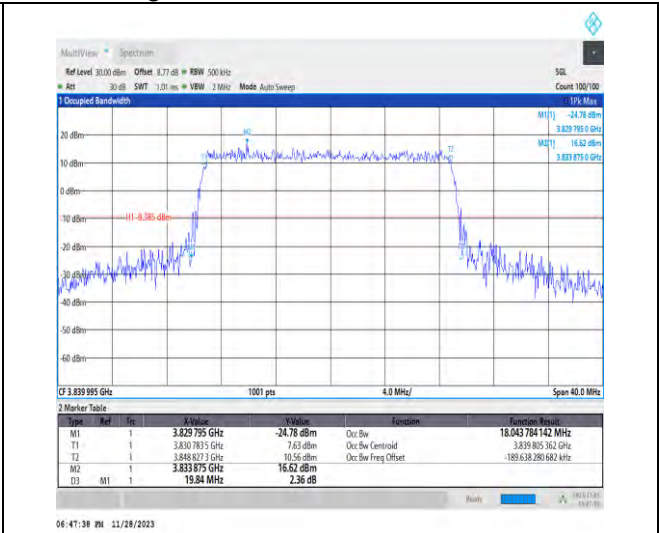
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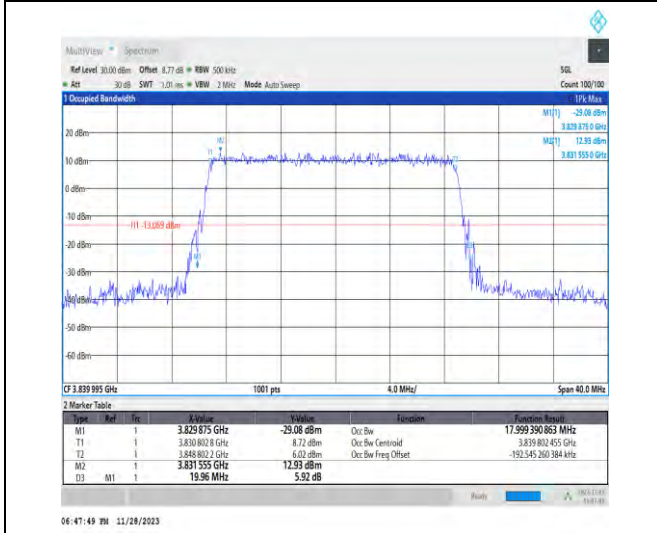
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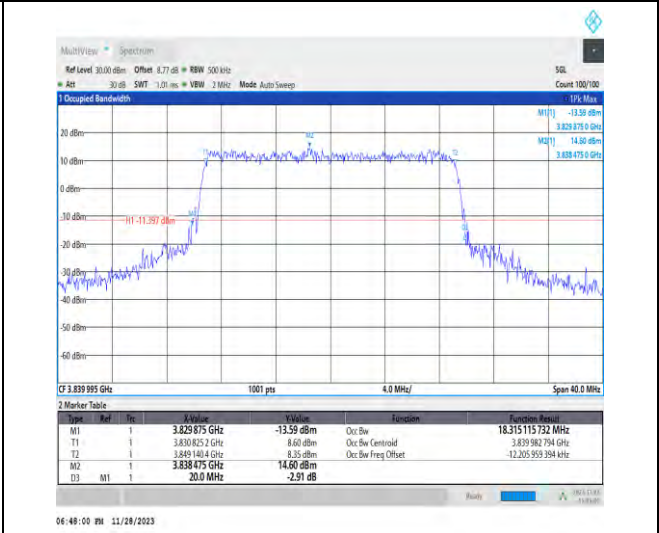
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1-N77-3700-3980-PC3-30-20-M-5-DFT-256QAM-Outer_Full-50@0-Ant1-17.999-19.960-≤20-PASS



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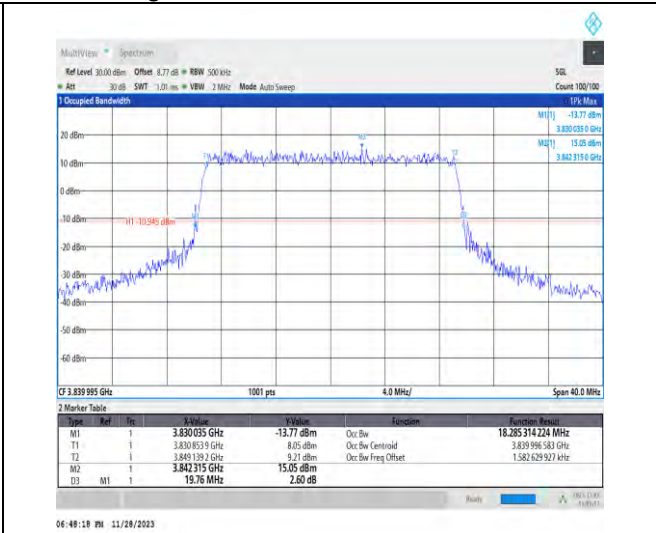


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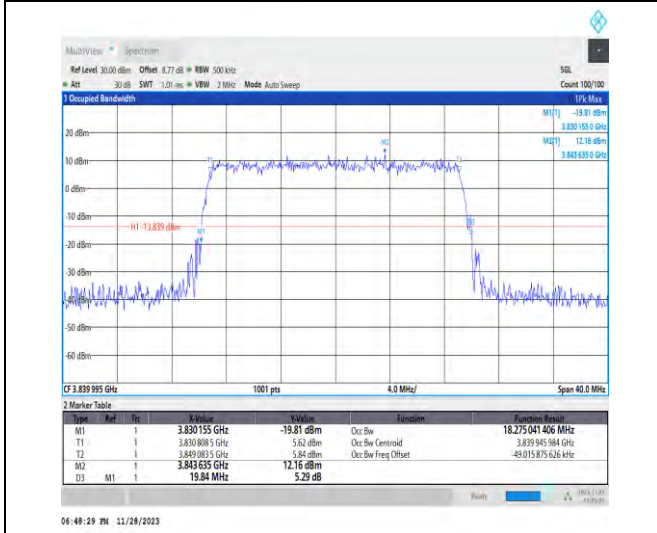
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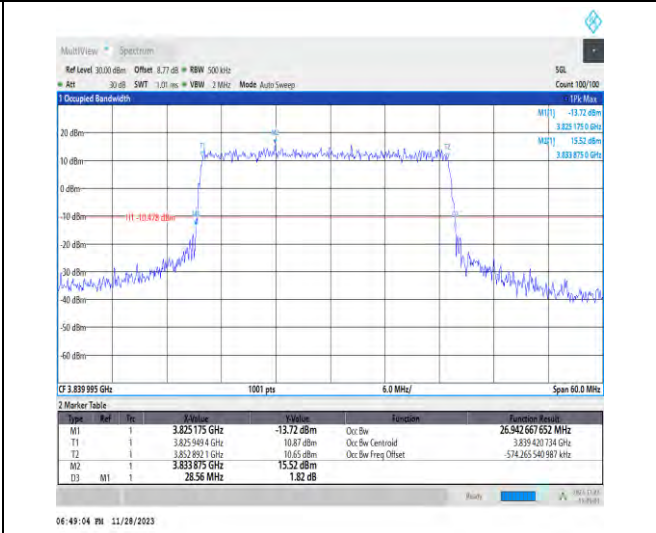
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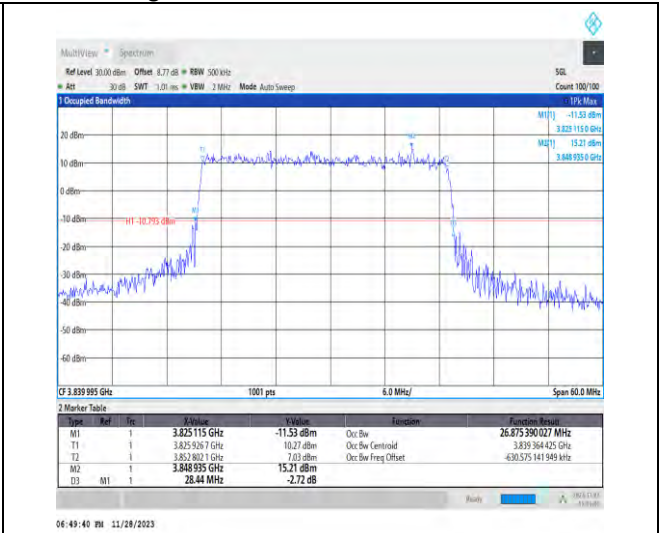
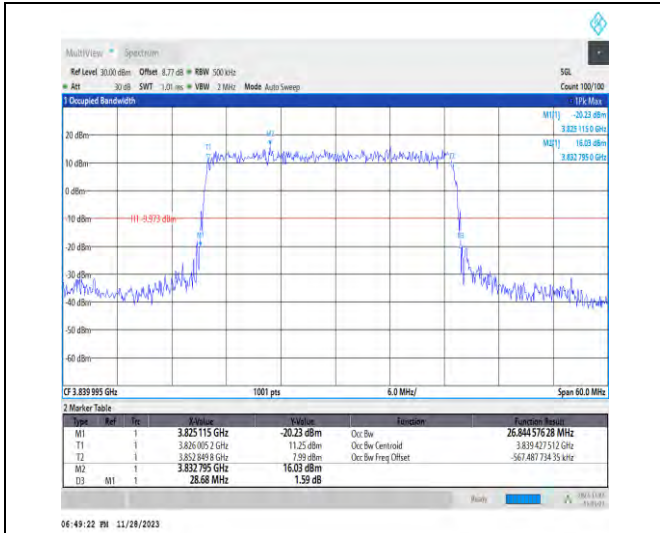
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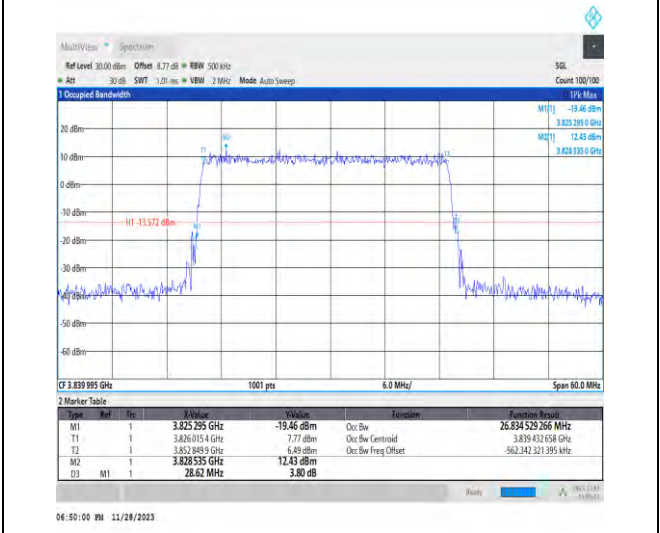
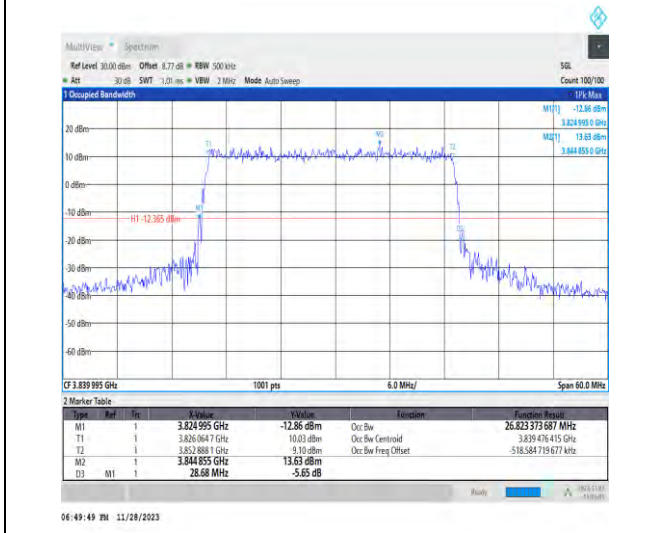
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1-N77-3700-3980-PC3-30-30-M-2-DFT-PI2BPSK-Out_Full-75@0-Ant1-26.845-28.680-≤30-PASS

1-N77-3700-3980-PC3-30-30-M-3-DFT-16QAM-Out_Full-75@0-Ant1-26.875-28.440-≤30-PASS



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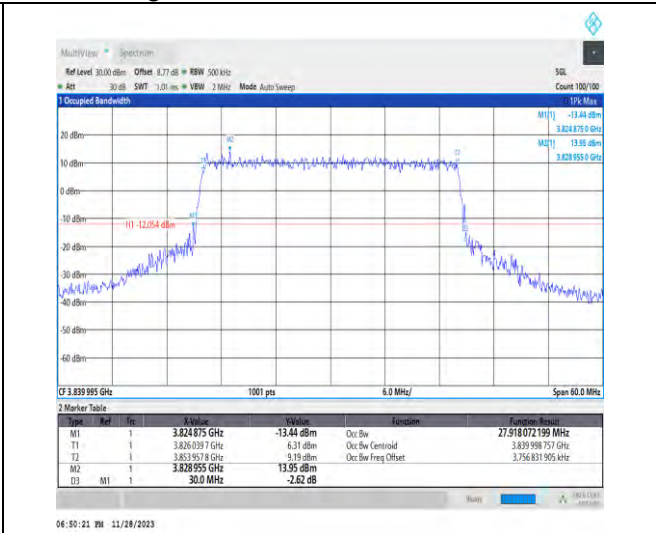
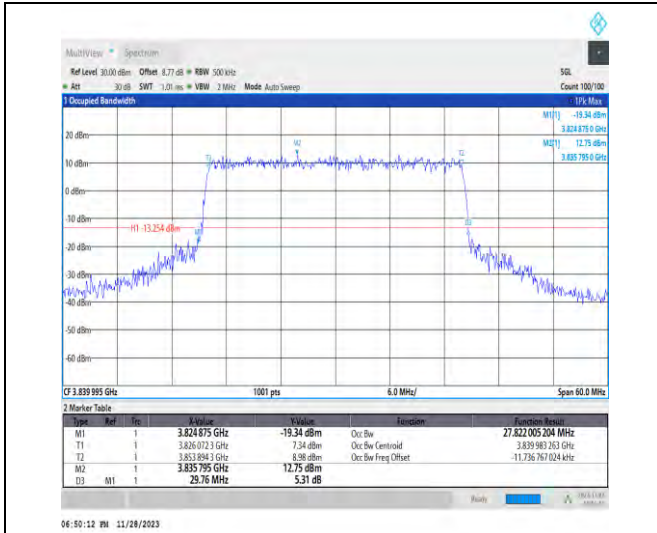
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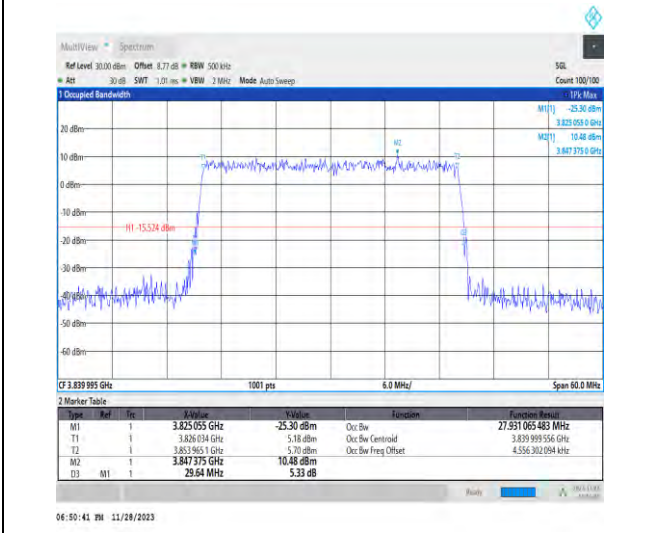
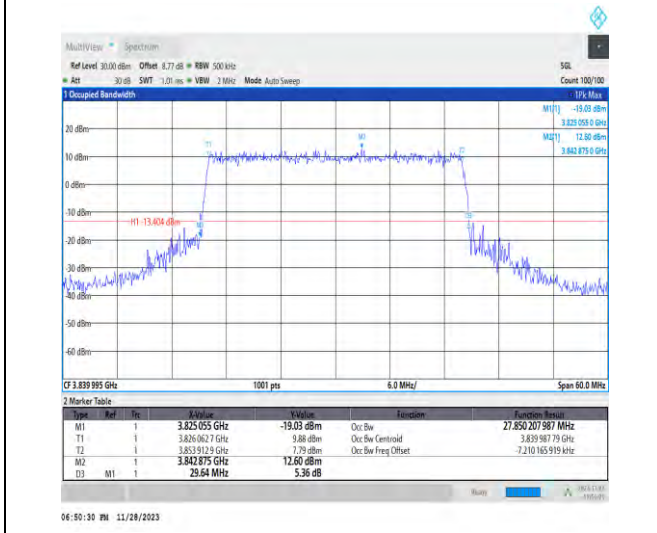
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1-N77-3700-3980-PC3-30-30-M-6-CP-QPSK-Outer_Full-78@0-Ant1-27.822-29.760-≤30-PASS

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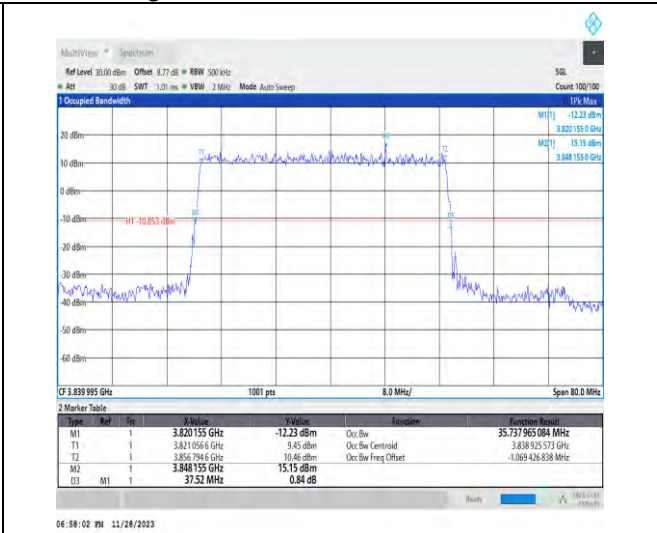
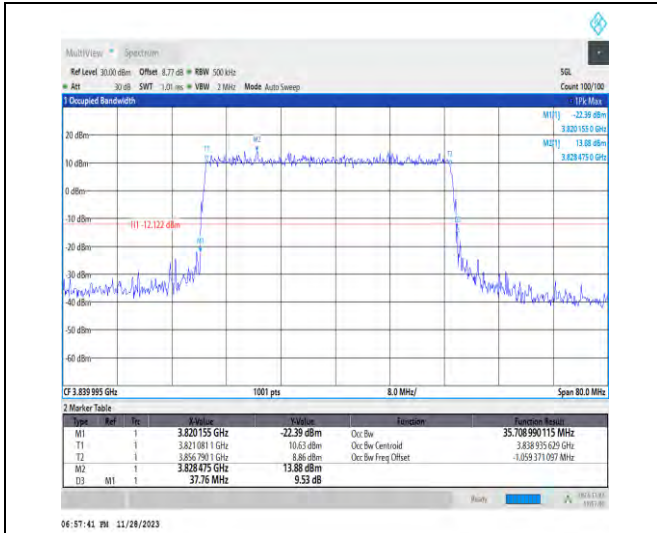
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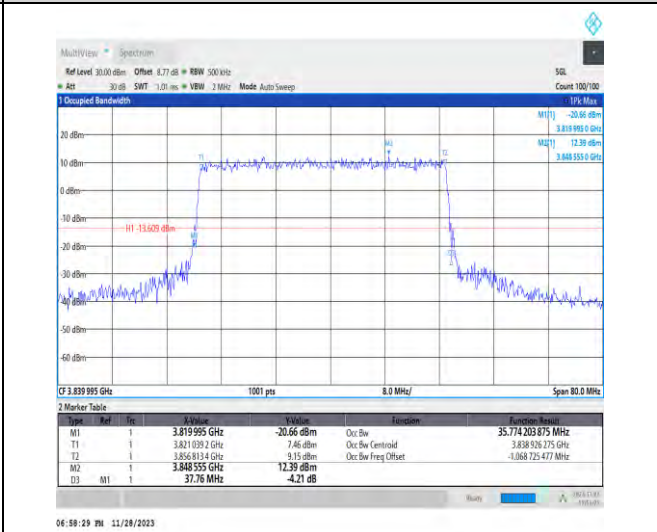
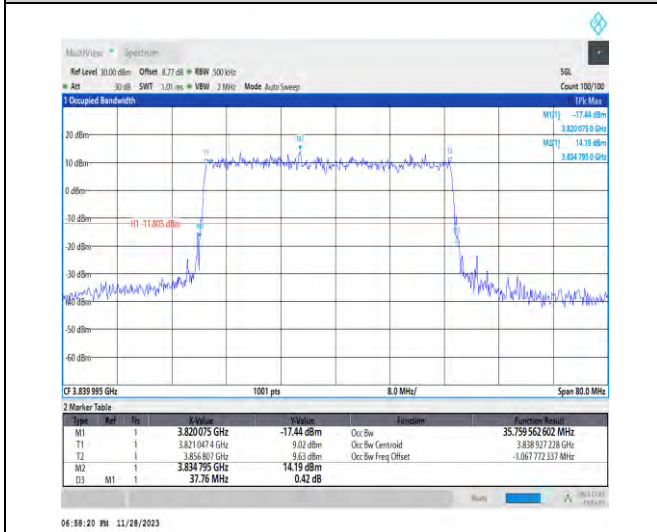
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1-N77-3700-3980-PC3-30-40-M-1-DFT-QPSK-Outer_Full-100@0-Ant1-35.709-37.760-≤40-PASS

1-N77-3700-3980-PC3-30-40-M-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-35.738-37.520-≤40-PASS



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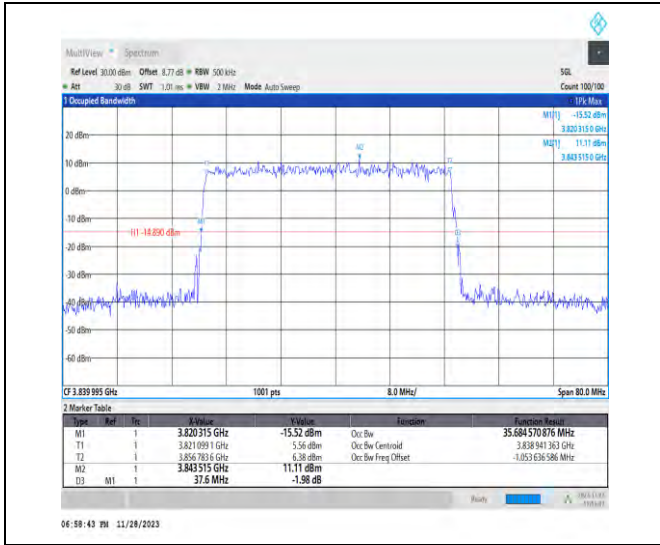
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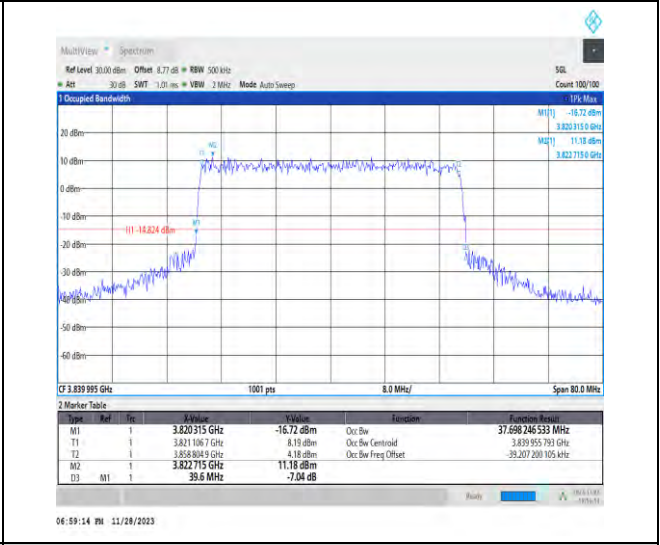
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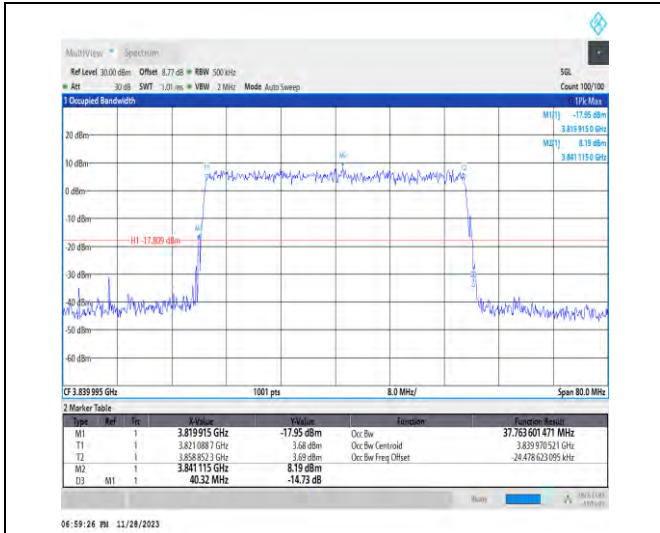
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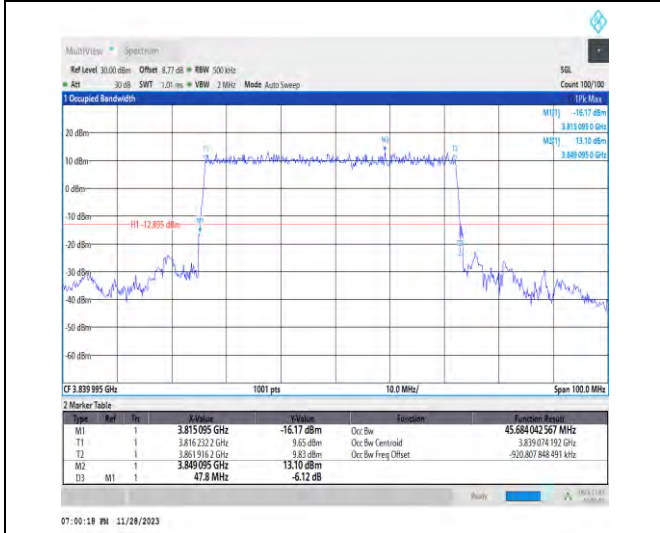
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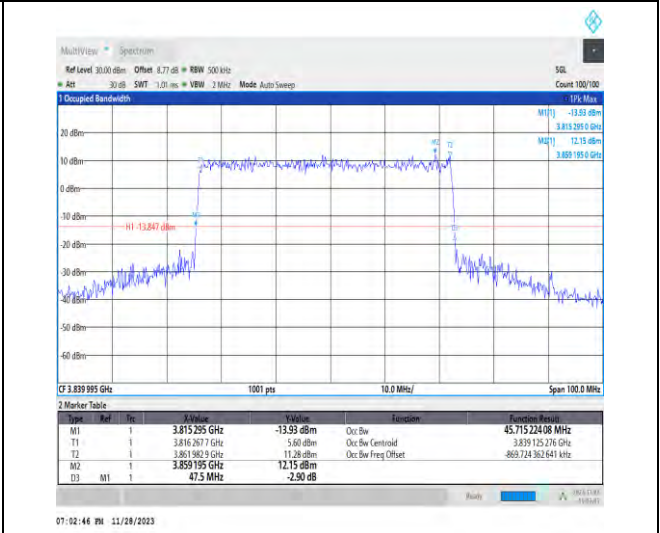
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1-N77-3700-3980-PC3-30-50-M-2-DFT-PI2BPSK-Outer_Full-128@0-Ant1-45.684-47.800-≤50-PASS



1-N77-3700-3980-PC3-30-50-M-3-DFT-16QAM-Outer_Full-128@0-Ant1-45.715-47.500-≤50-PASS



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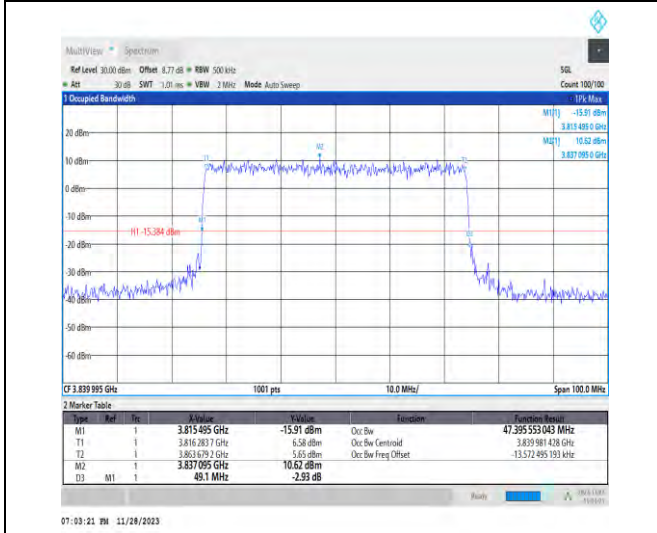
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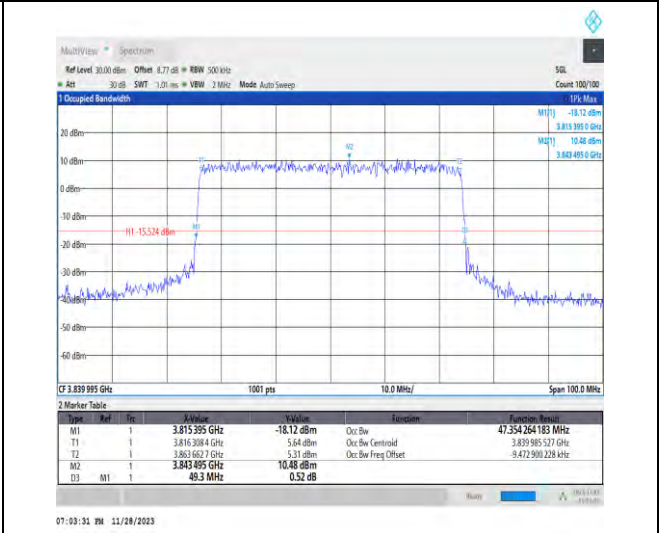
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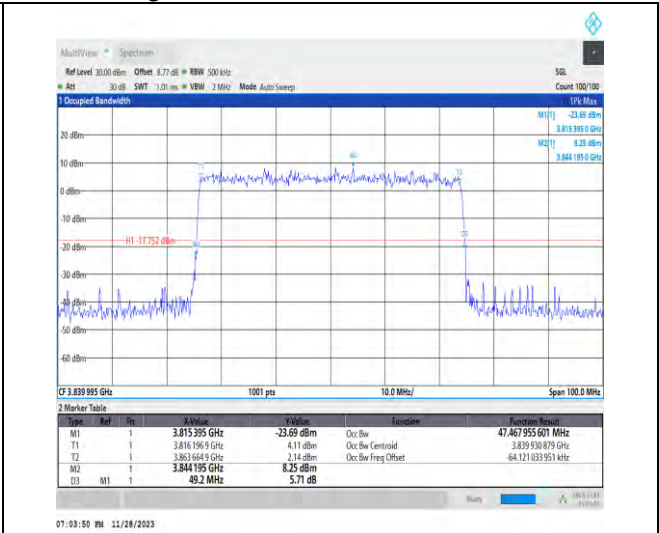
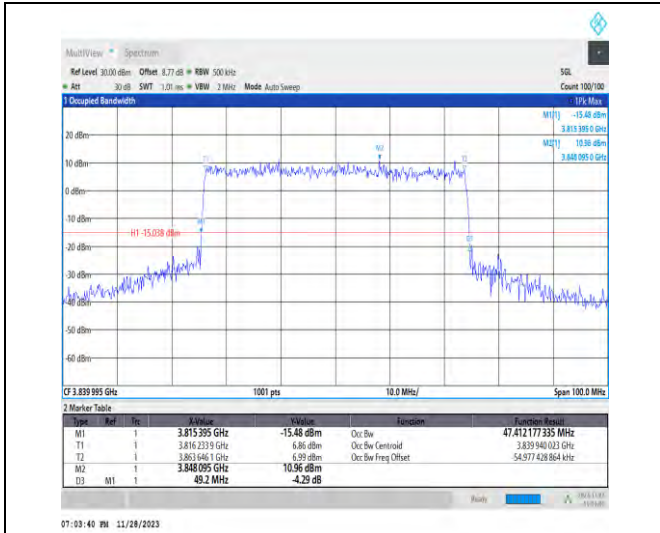


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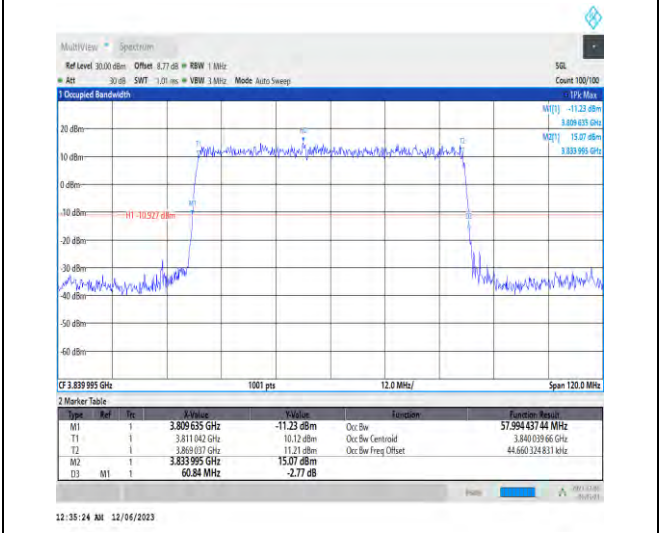
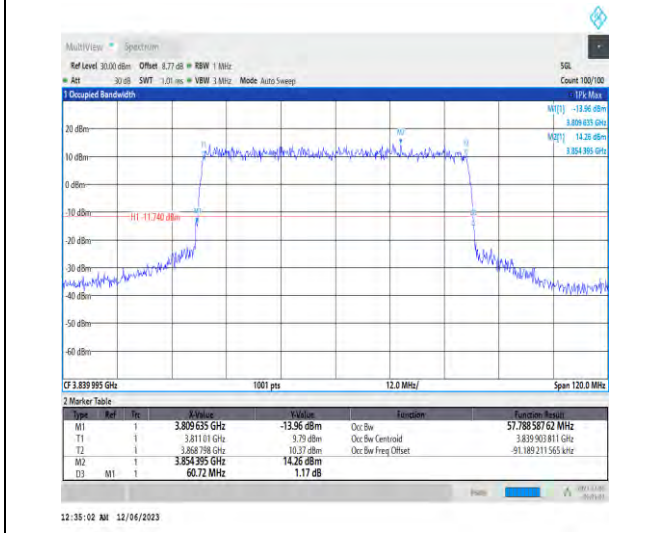
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1-N77-3700-3980-PC3-30-50-M-8-CP-64QAM-Outer_Full-133@0-Ant1-47.412-49.200-≤50-PASS

1-N77-3700-3980-PC3-30-50-M-9-CP-256QAM-Outer_Full-133@0-Ant1-47.468-49.200-≤50-PASS



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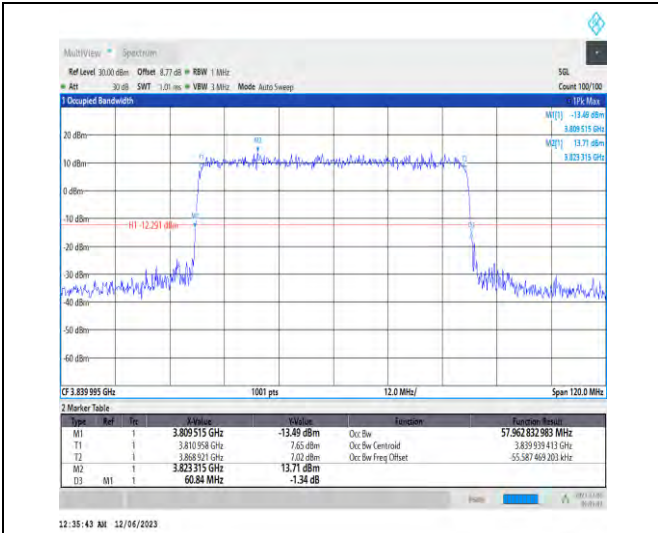
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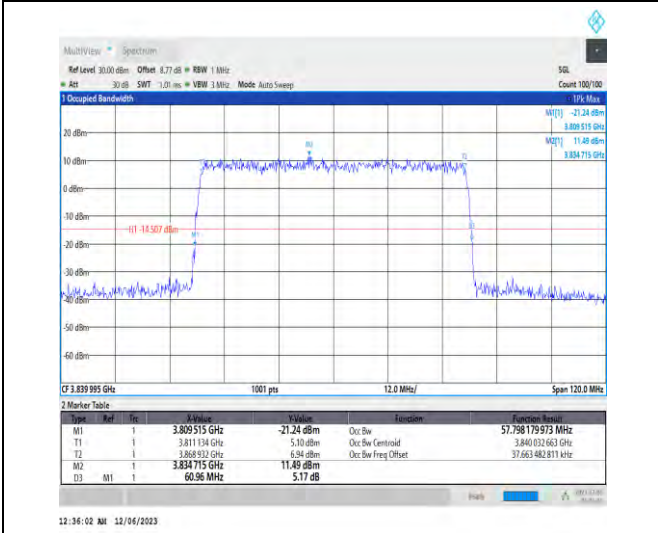
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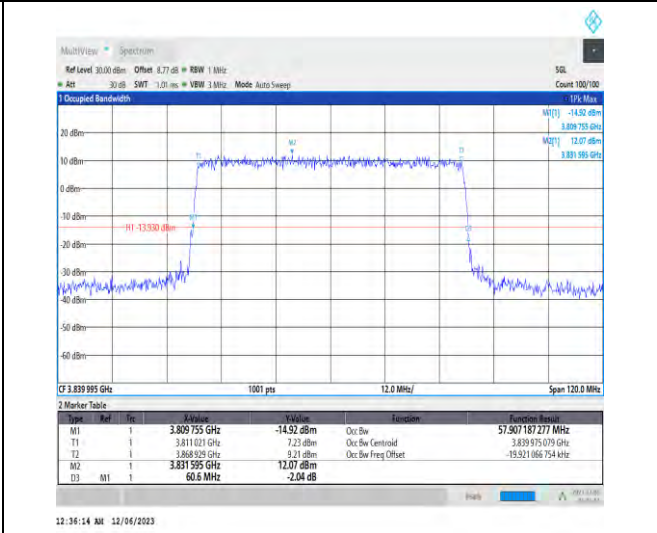
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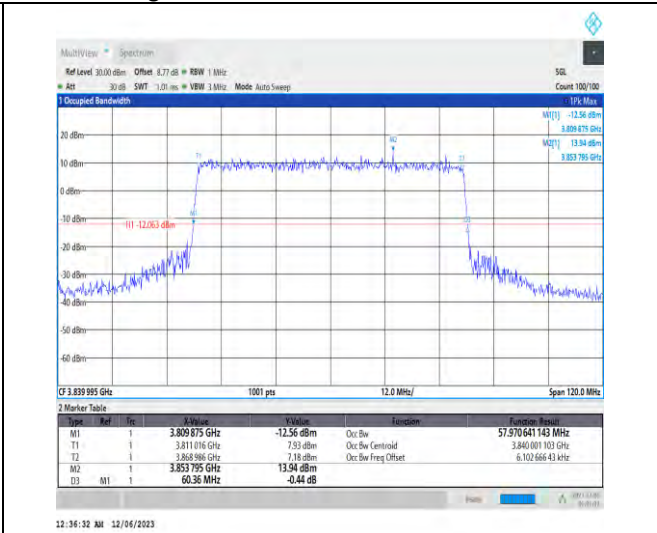
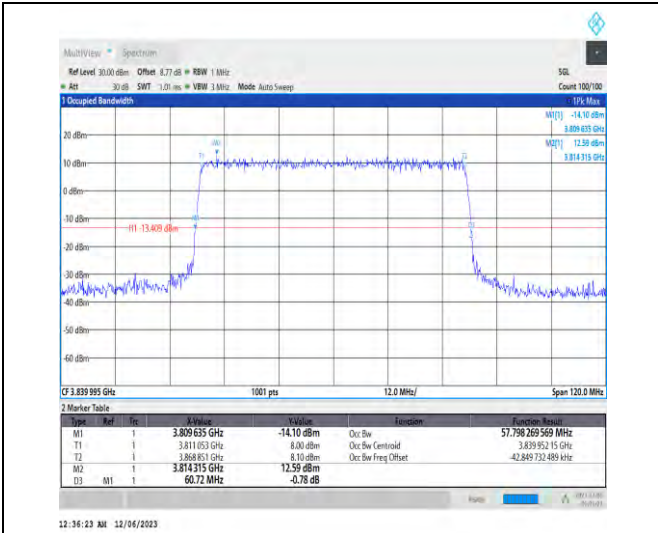


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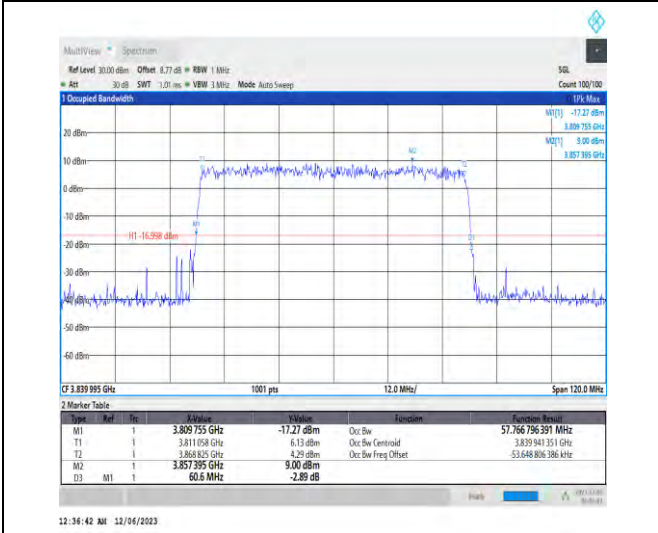
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1-N77-3700-3980-PC3-30-60-M-7-CP-16QAM-Outer_Full-162@0-Ant1-57.798-60.720-≤60-PASS

1-N77-3700-3980-PC3-30-60-M-8-CP-64QAM-Outer_Full-162@0-Ant1-57.971-60.360-≤60-PASS



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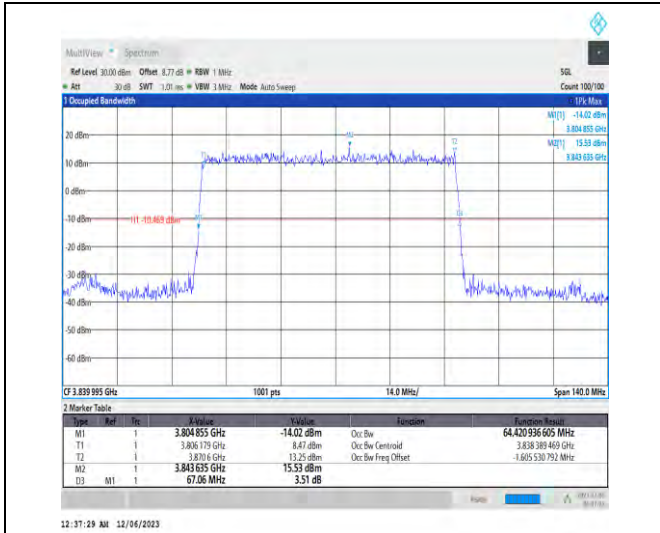
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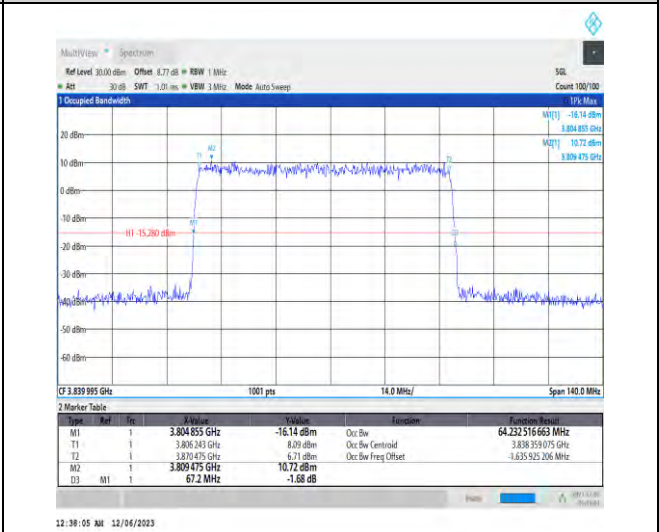
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1-N77-3700-3980-PC3-30-70-M-3-DFT-16QAM-Out_Full-180@0-Ant1-64.28-67.340-≤70-PASS



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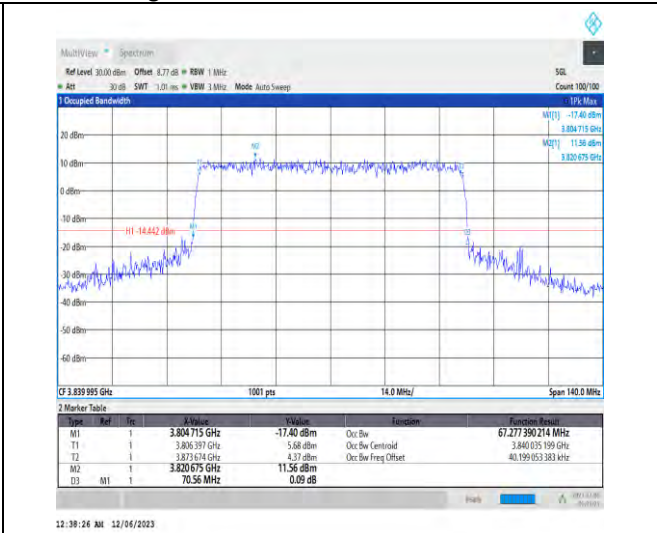
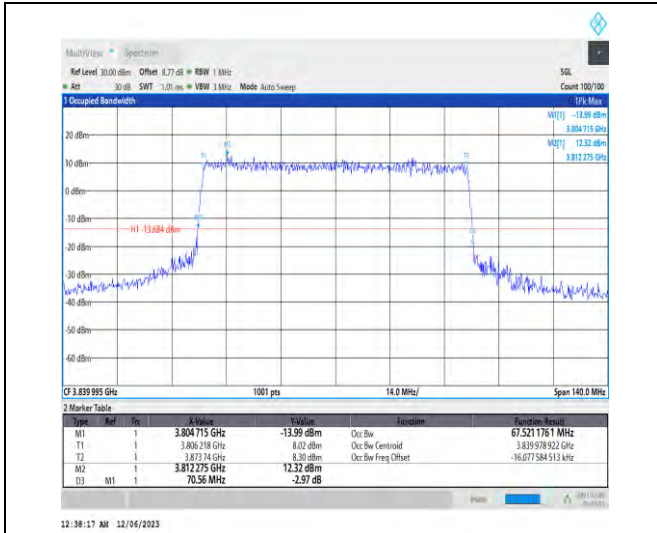
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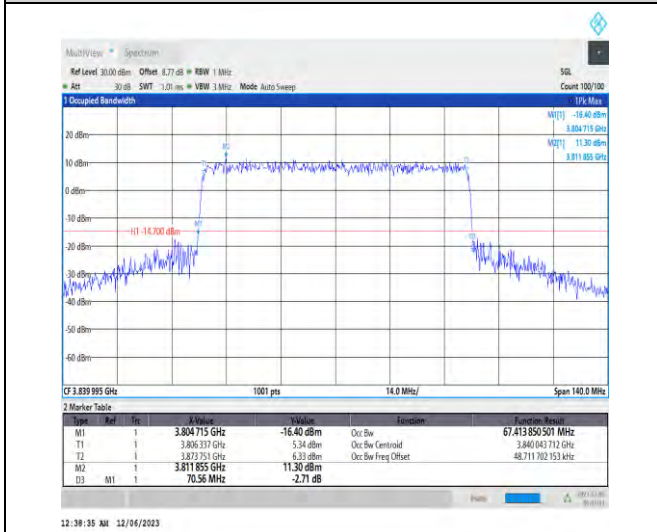
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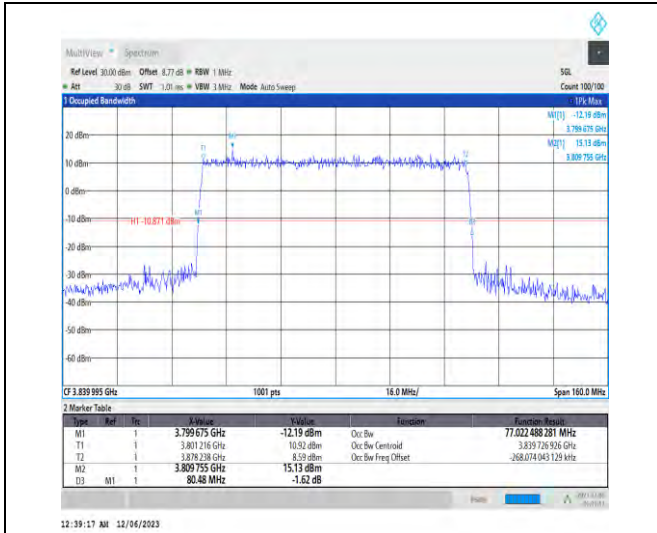
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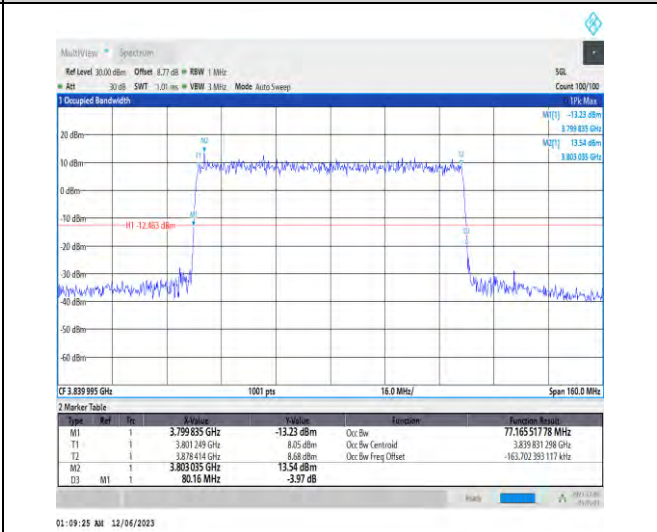
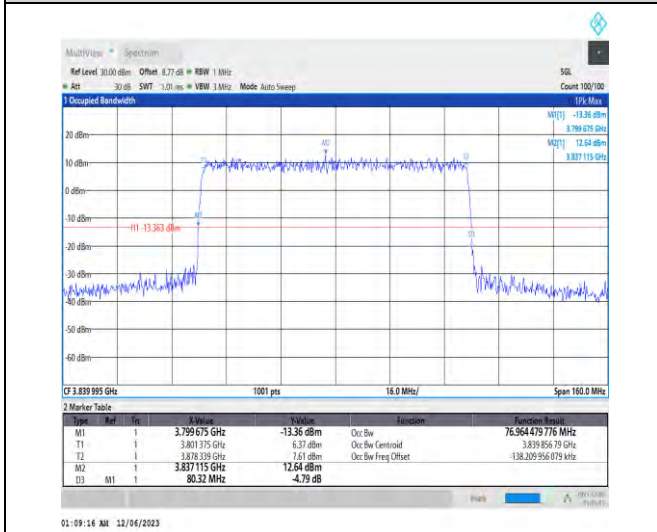
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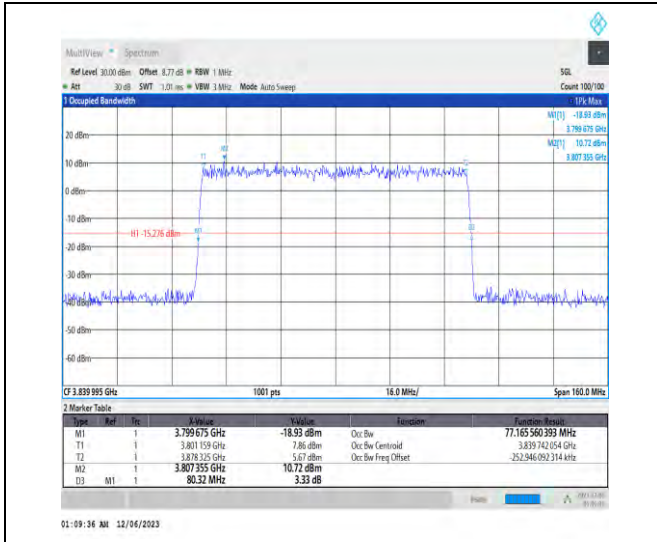
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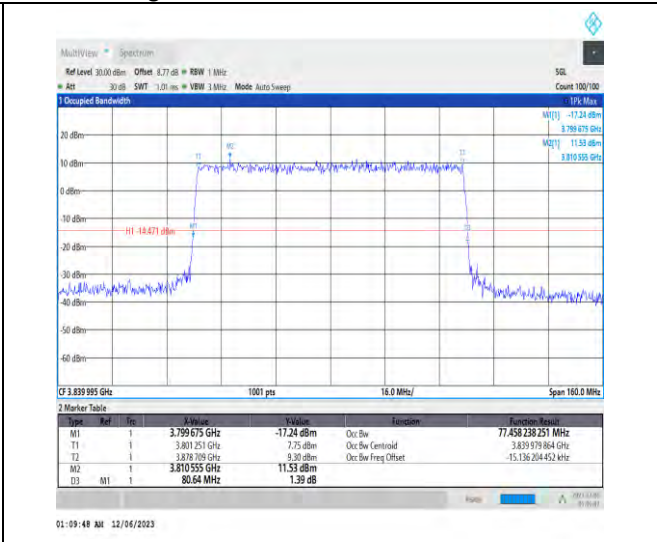
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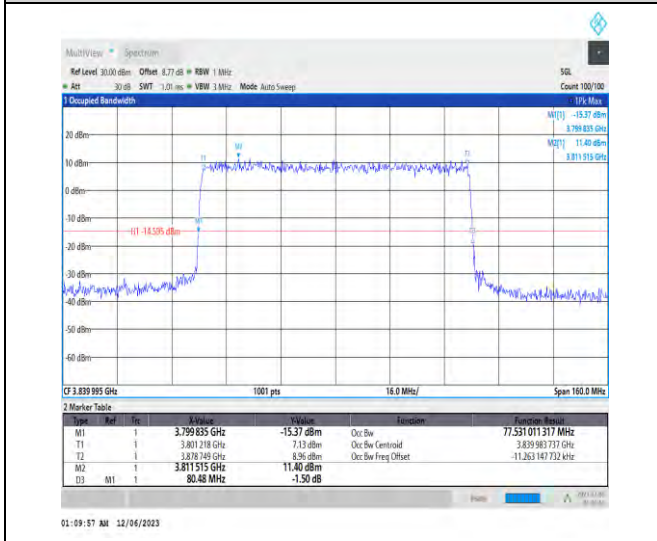
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1-N77-3700-3980-PC3-30-80-M-5-DFT-256QAM-Out_er_Full-216@0-Ant1-77.166-80.320-≤80-PASS



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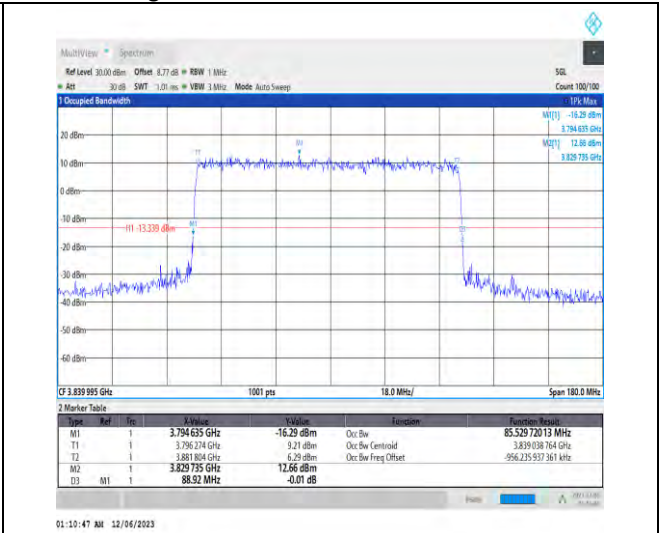
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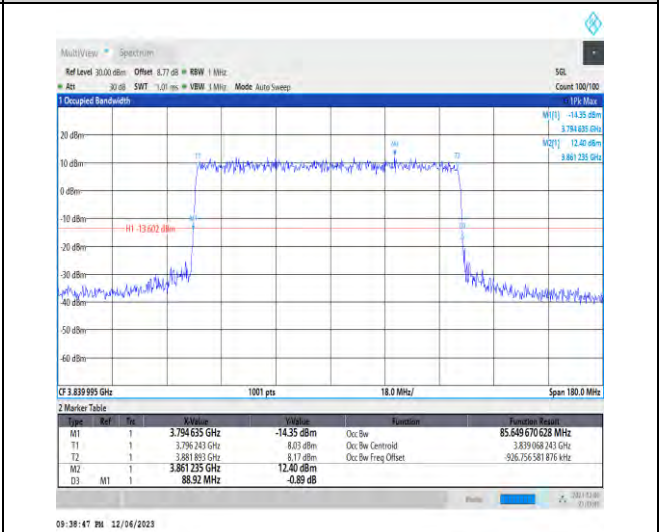
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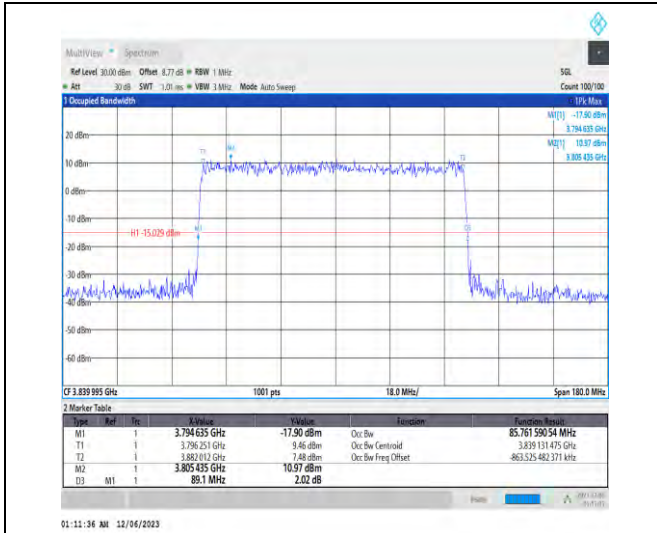
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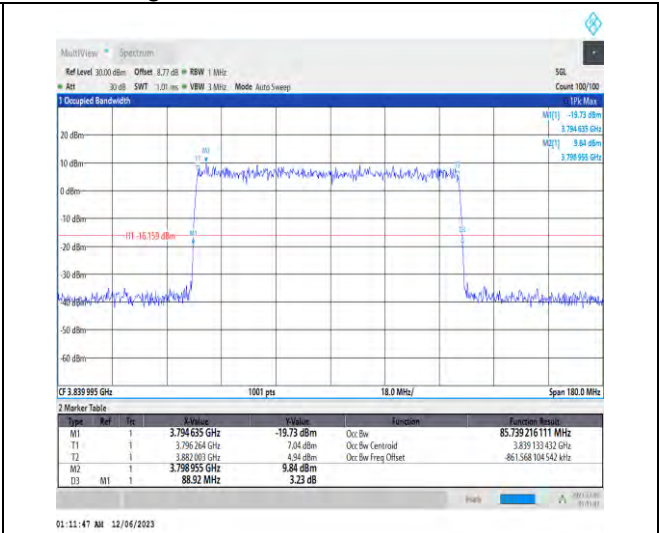


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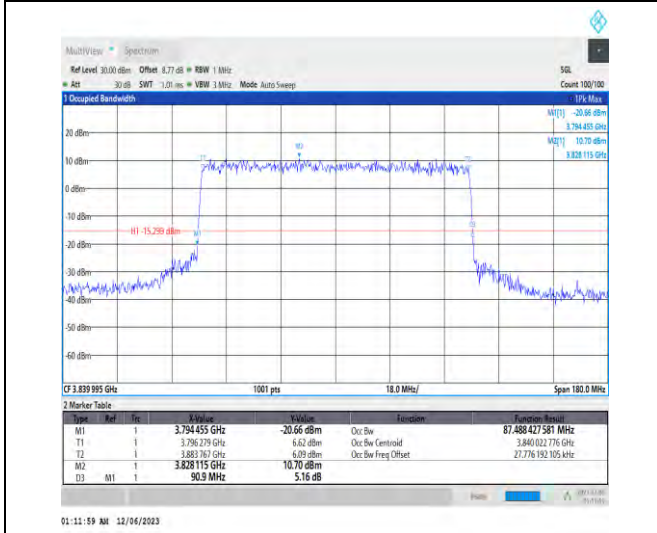
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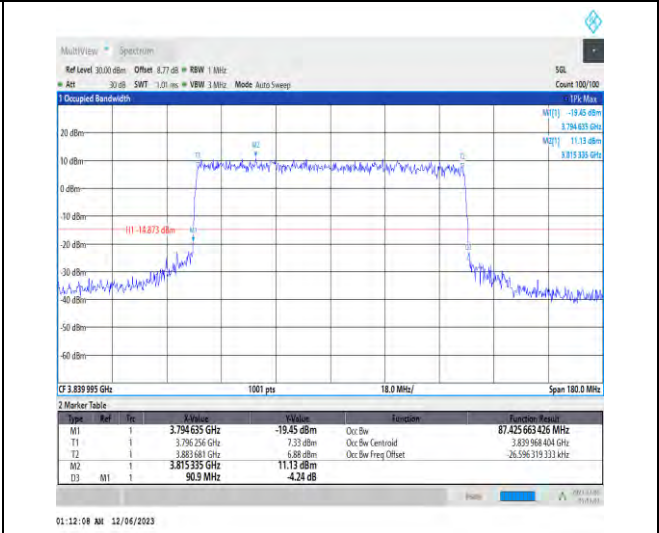
1-N77-3700-3980-PC3-30-90-M-4-DFT-64QAM-Outer_Full-240@0-Ant1-85.762-89.100-≤90-PASS



1-N77-3700-3980-PC3-30-90-M-5-DFT-256QAM-Outer_Full-240@0-Ant1-85.739-88.920-≤90-PASS



1-N77-3700-3980-PC3-30-90-M-6-CP-QPSK-Outer_Full-245@0-Ant1-87.488-90.900-≤90-PASS

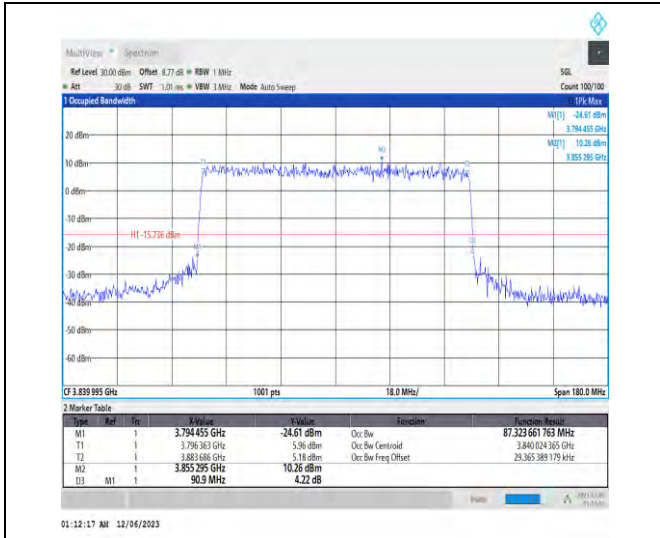


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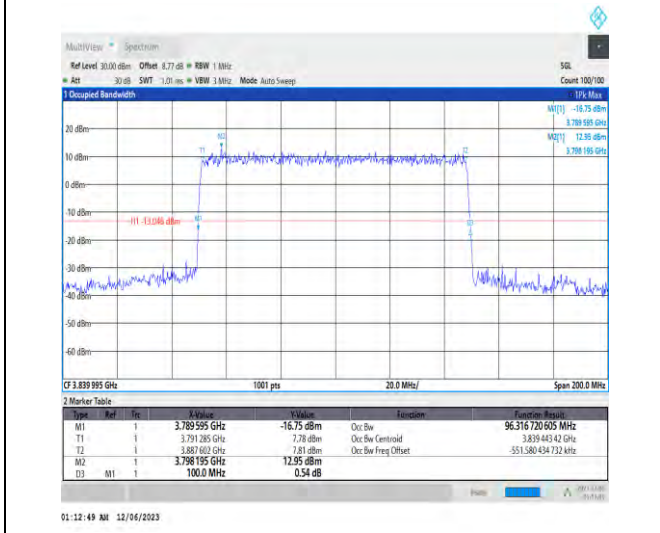
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1-N77-3700-3980-PC3-30-90-M-8-CP-64QAM-Outer_Full-245@0-Ant1-87.324-90.900-≤90-PASS

1-N77-3700-3980-PC3-30-90-M-9-CP-256QAM-Outer_Full-245@0-Ant1-87.264-90.900-≤90-PASS



1-N77-3700-3980-PC3-30-100-M-1-DFT-QPSK-Outer_Full-270@0-Ant1-96.317-100.000-≤100-PASS

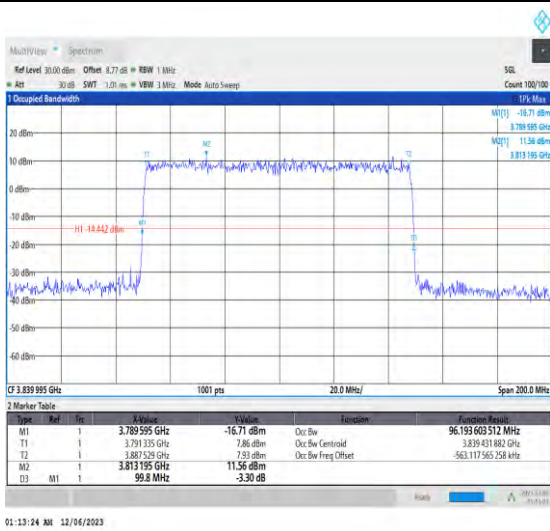
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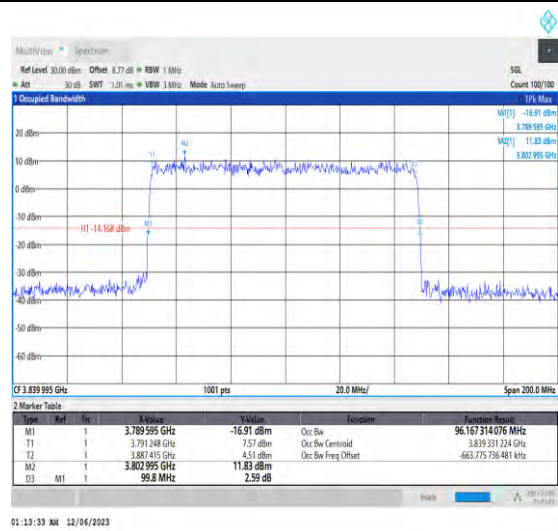
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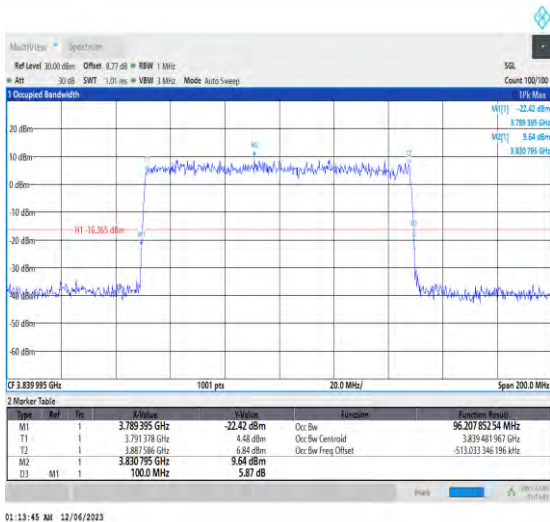
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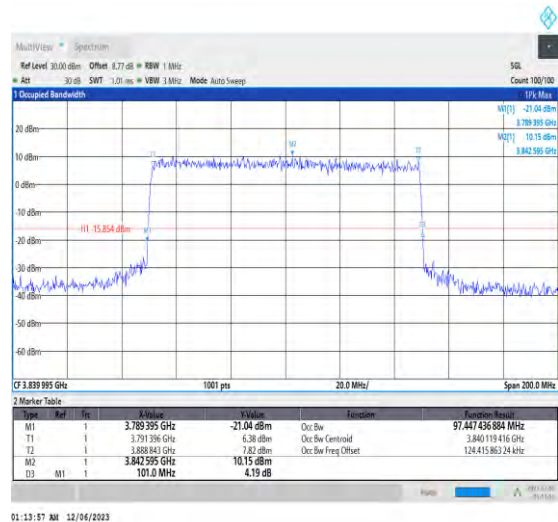
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1-N77-3700-3980-PC3-30-100-M-4-DFT-64QAM-Out er_Full-270@0-Ant1-96.167-99.800-≤100-PASS



1-N77-3700-3980-PC3-30-100-M-5-DFT-256QAM-Outer_Full-270@0-Ant1-96.208-100.000-≤100-PASS

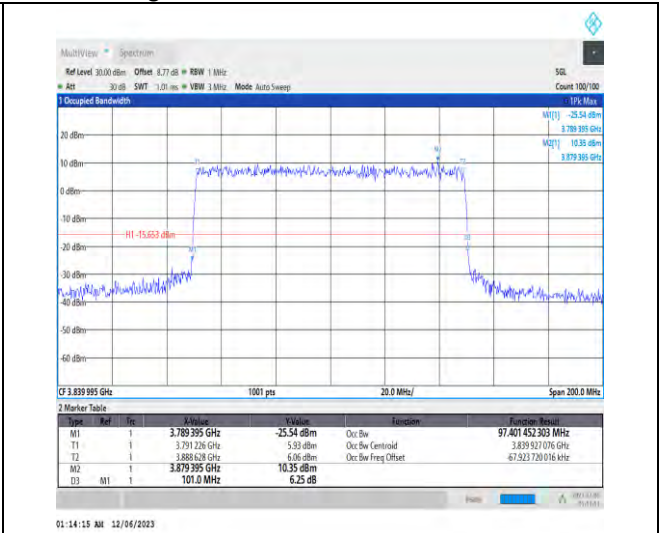
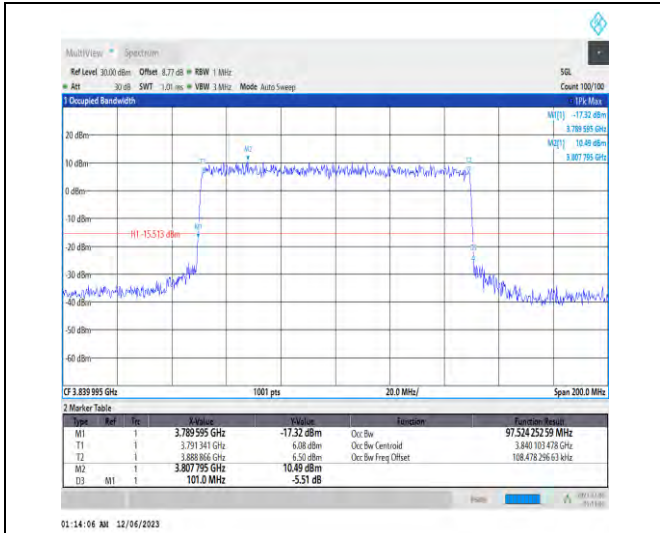


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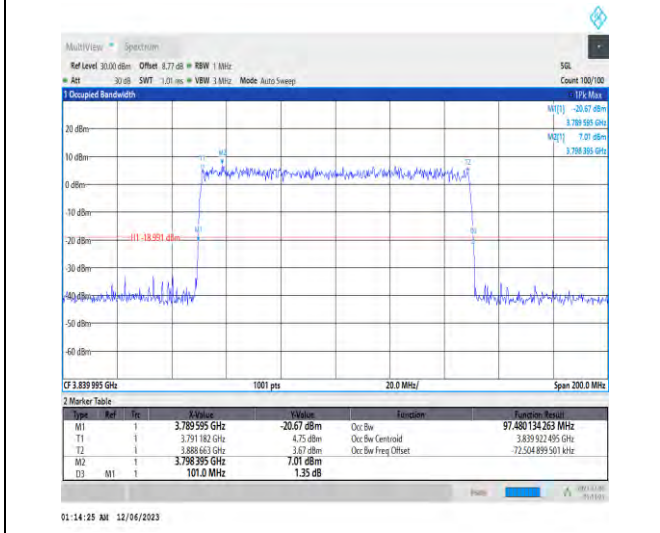
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1-N77-3700-3980-PC3-30-100-M-7-CP-16QAM-Outer_Full-273@0-Ant1-97.524-101.000-≤100-PASS

1-N77-3700-3980-PC3-30-100-M-8-CP-64QAM-Outer_Full-273@0-Ant1-97.401-101.000-≤100-PASS



1-N77-3700-3980-PC3-30-100-M-9-CP-256QAM-Outer_Full-273@0-Ant1-97.48-101.000-≤100-PASS



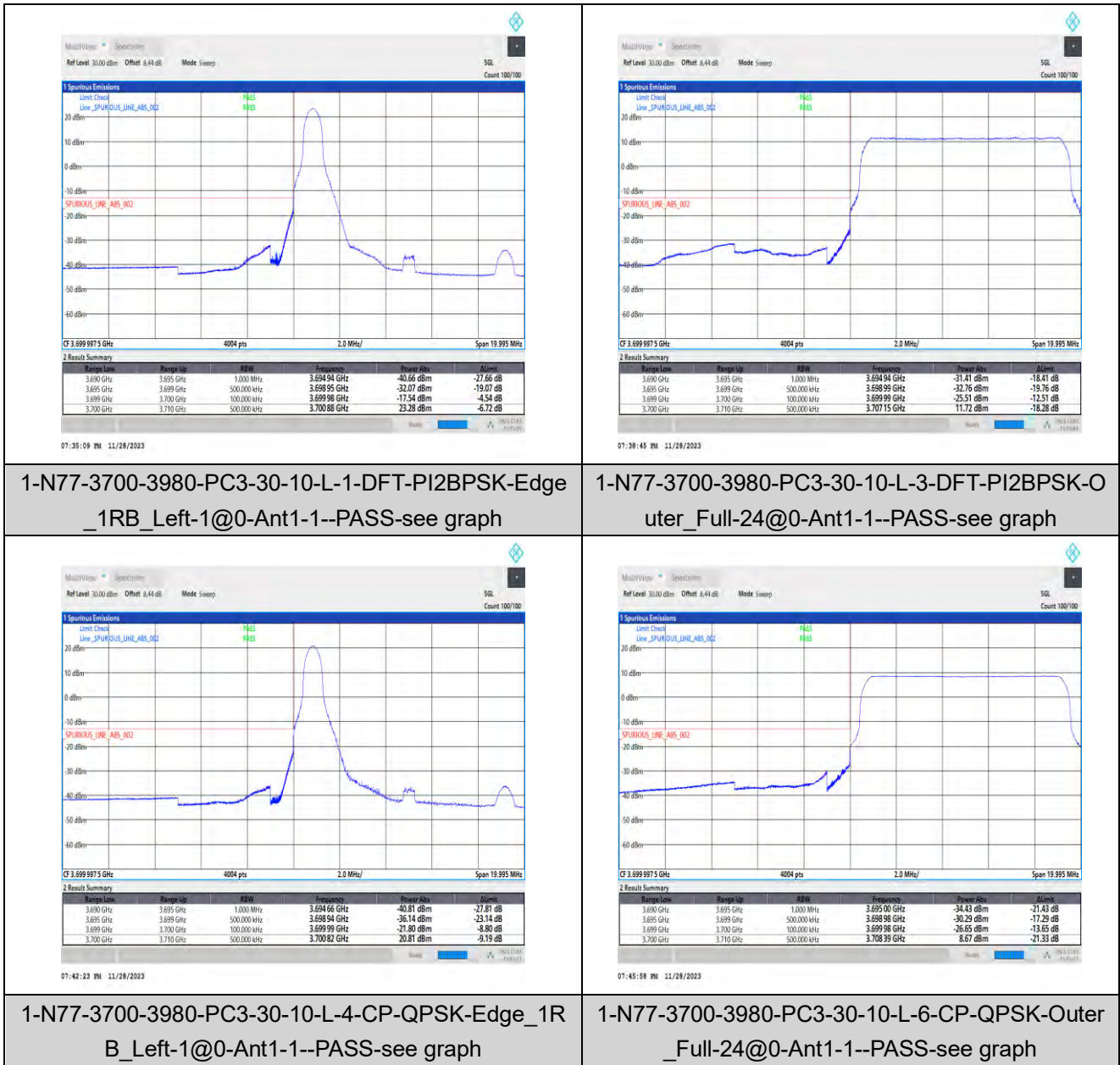
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Band Edge for SA

Test Graphs



1-N77-3700-3980-PC3-30-10-L-1-DFT-PI2BPSK-Edge
 _1RB_Left-1@0-Ant1-1--PASS-see graph

1-N77-3700-3980-PC3-30-10-L-3-DFT-PI2BPSK-O
 uter_Full-24@0-Ant1-1--PASS-see graph

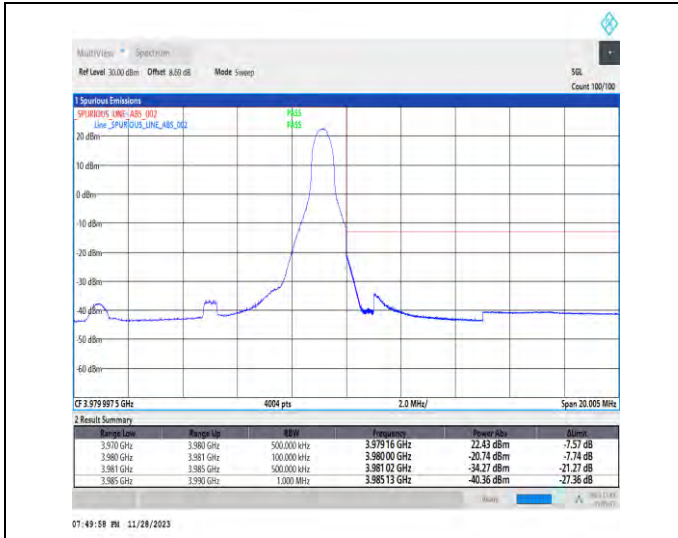
1-N77-3700-3980-PC3-30-10-L-4-CP-QPSK-Edge_1R
 B_Left-1@0-Ant1-1--PASS-see graph

1-N77-3700-3980-PC3-30-10-L-6-CP-QPSK-Outer
 _Full-24@0-Ant1-1--PASS-see graph

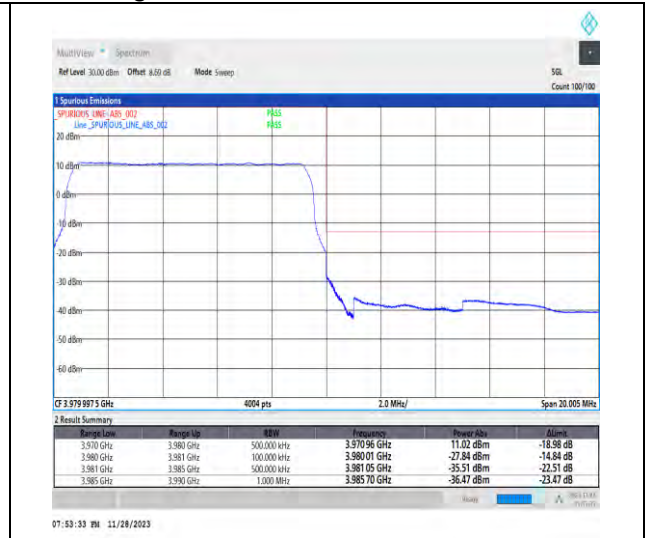


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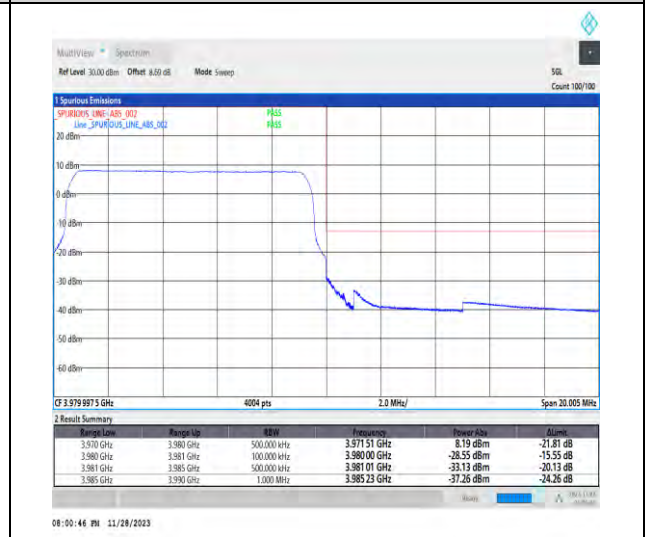
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1-N77-3700-3980-PC3-30-10-H-3-DFT-PI2BPSK-Outer_Full-24@0-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-10-H-5-CP-QPSK-Edge_1RB_Right-1@23-Ant1-1--PASS-see graph

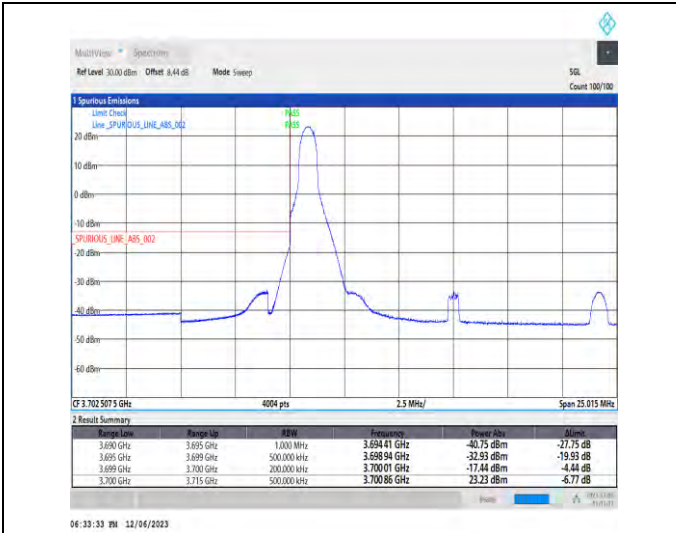


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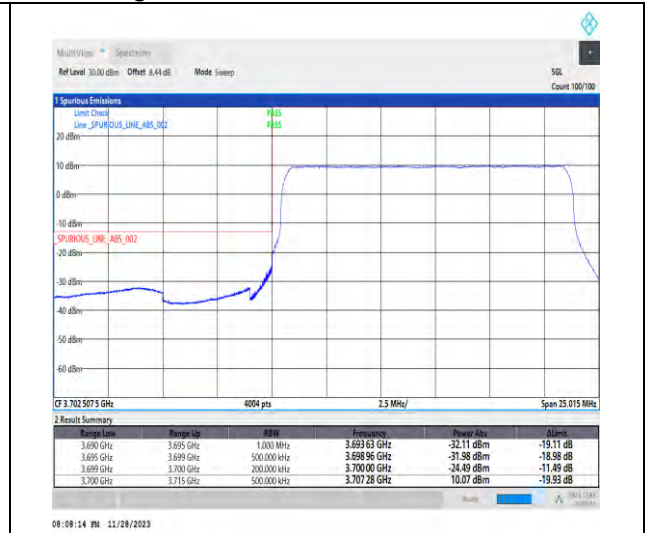


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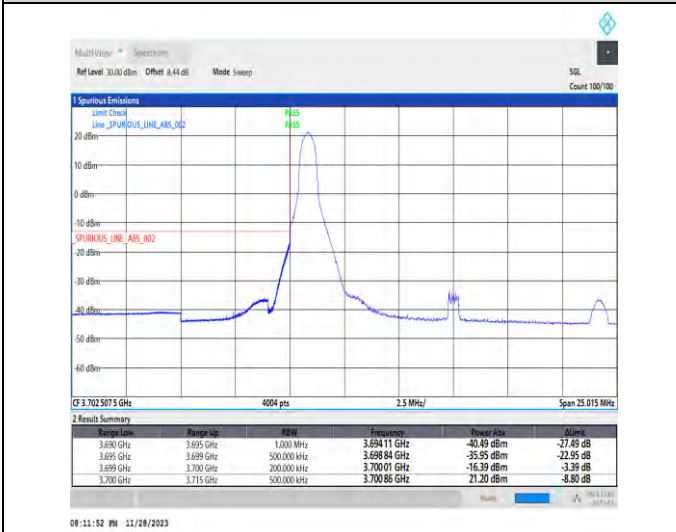
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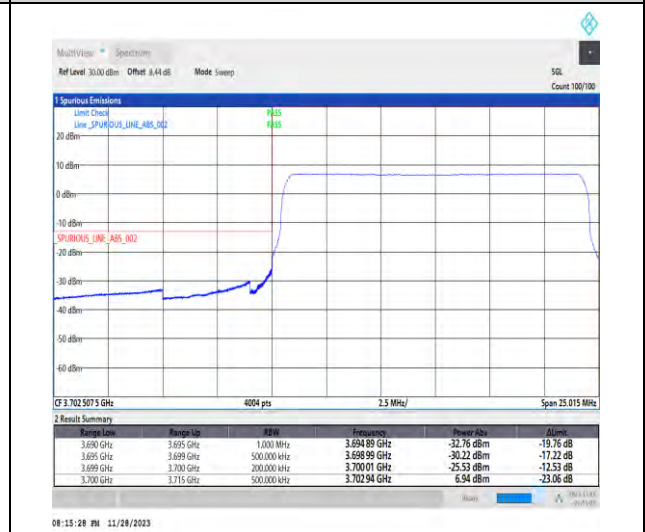
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1-N77-3700-3980-PC3-30-15-L-3-DFT-PI2BPSK-Outer_Full-36@0-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

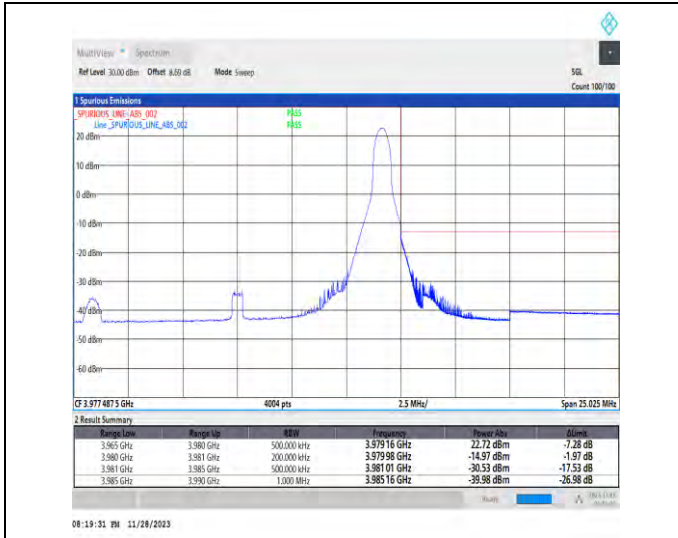


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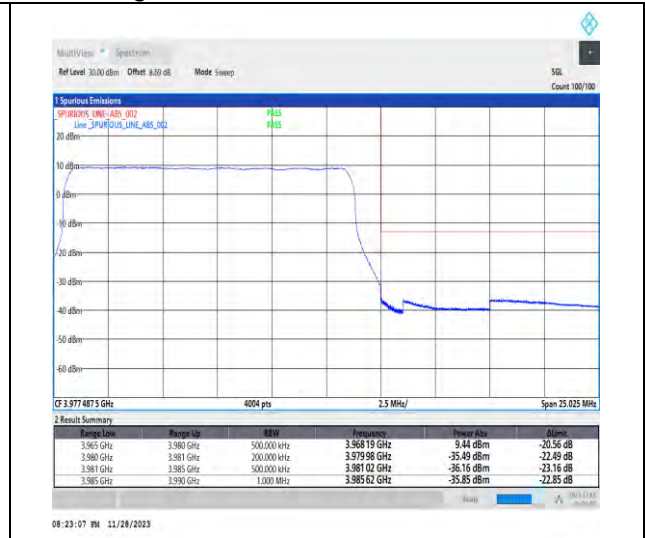


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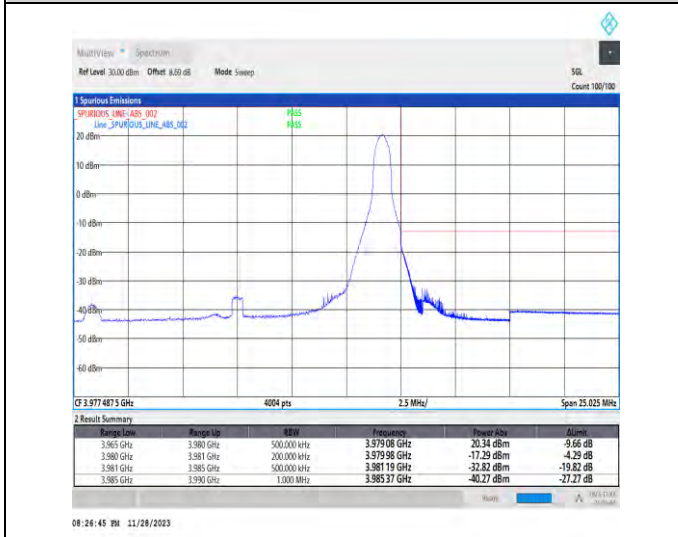
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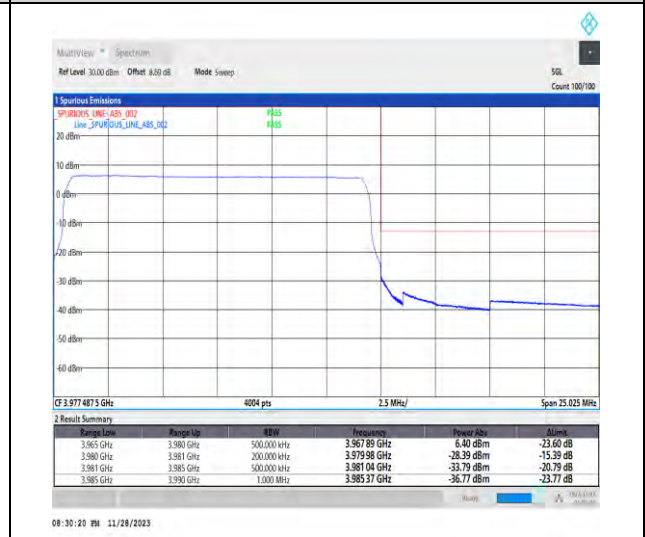
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1-N77-3700-3980-PC3-30-15-H-3-DFT-PI2BPSK-Outer_Full-36@0-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-15-H-5-CP-QPSK-Edge_1RB_Right-1@37-Ant1-1--PASS-see graph

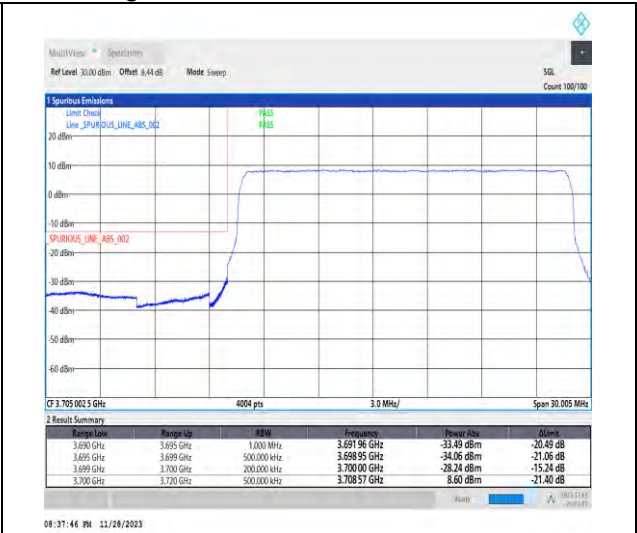
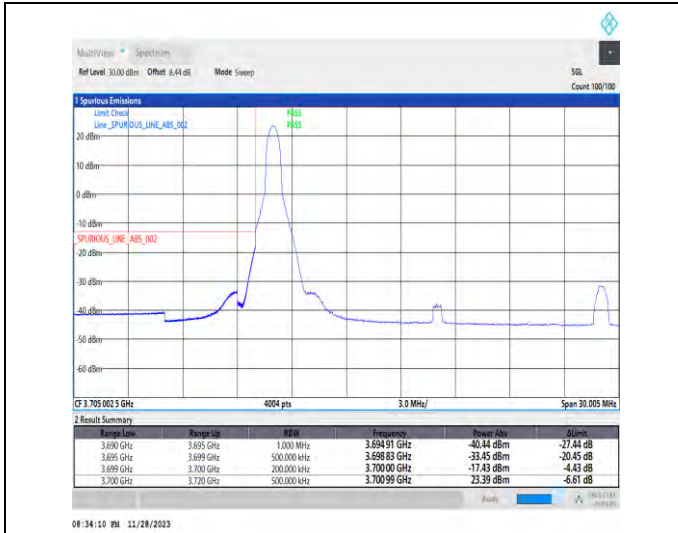


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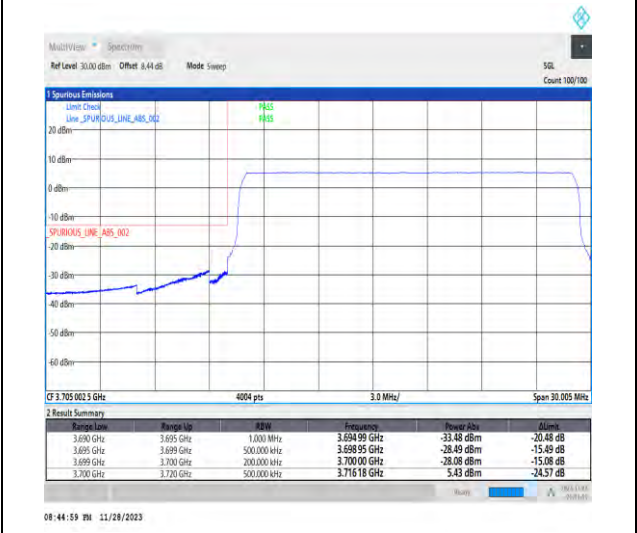
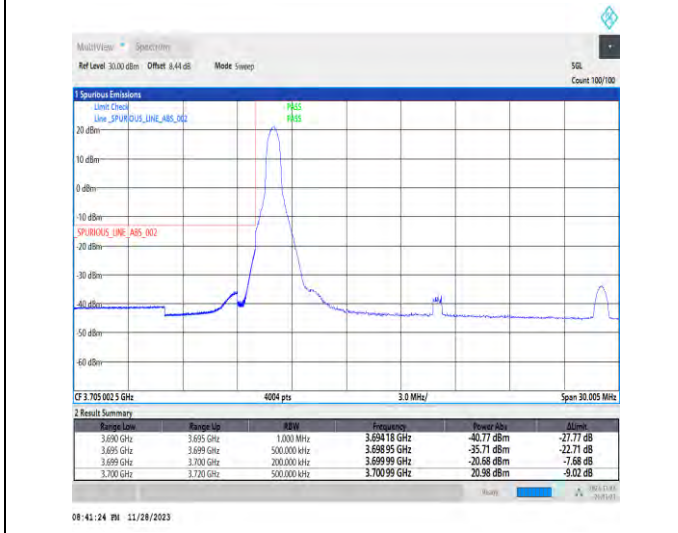
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1-N77-3700-3980-PC3-30-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N77-3700-3980-PC3-30-20-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

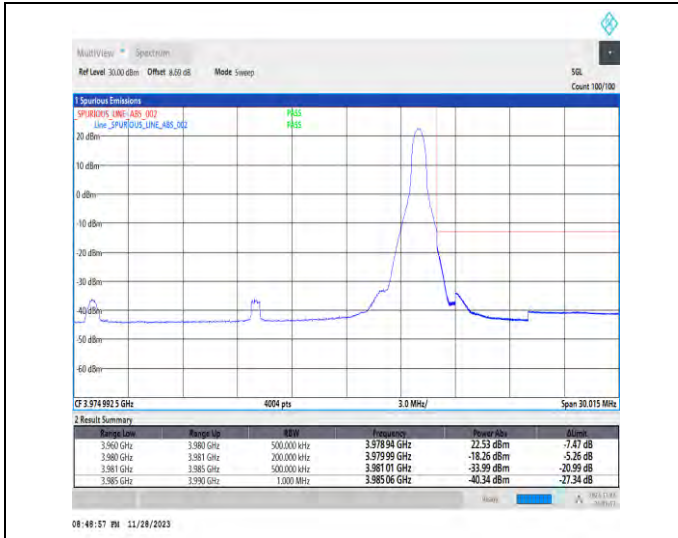
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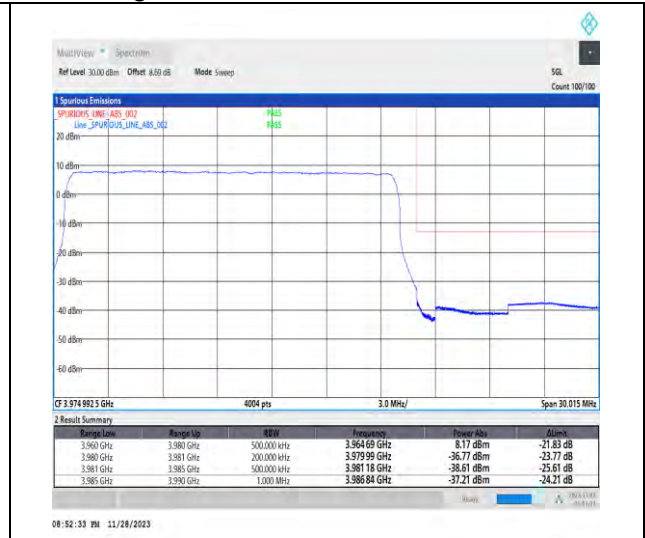
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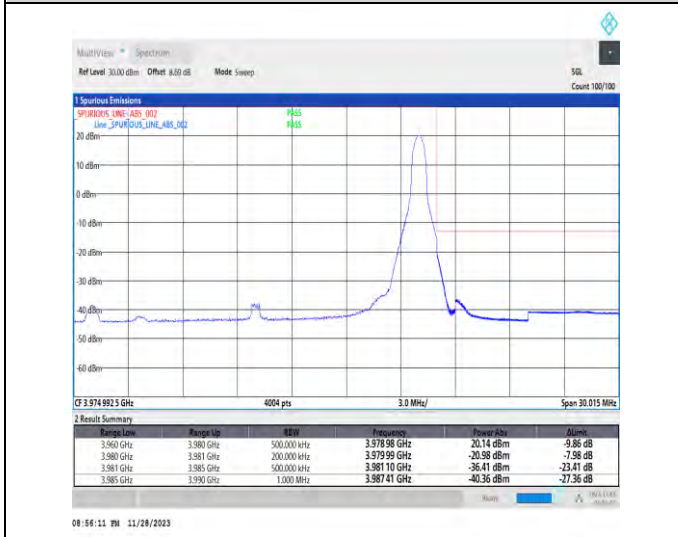
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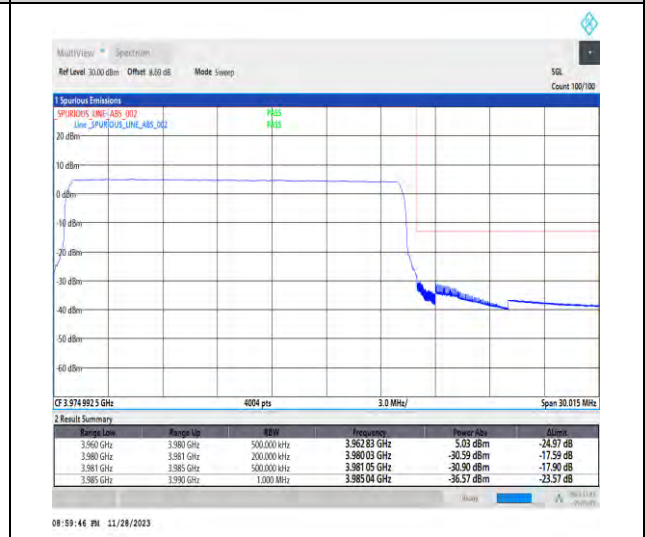
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1-N77-3700-3980-PC3-30-20-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



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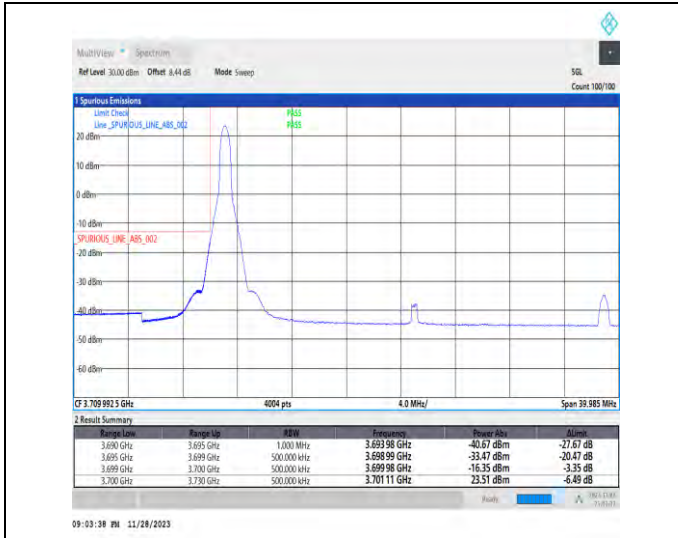
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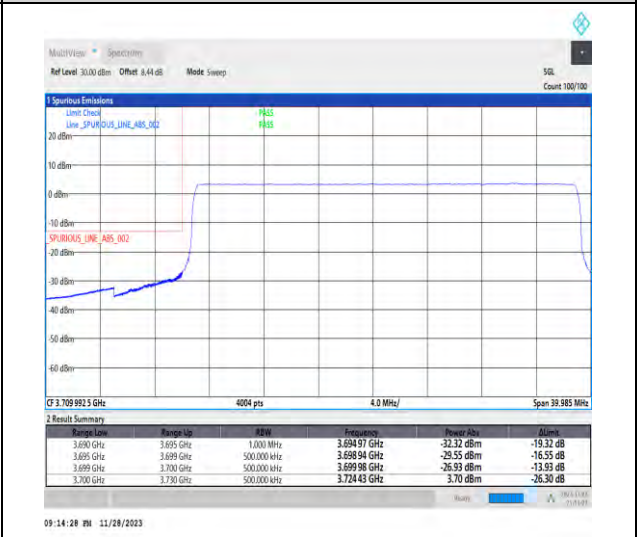
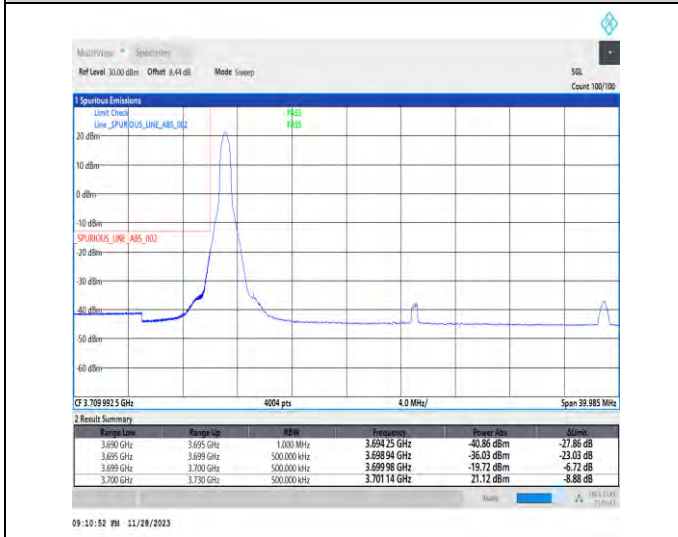
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1-N77-3700-3980-PC3-30-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N77-3700-3980-PC3-30-30-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



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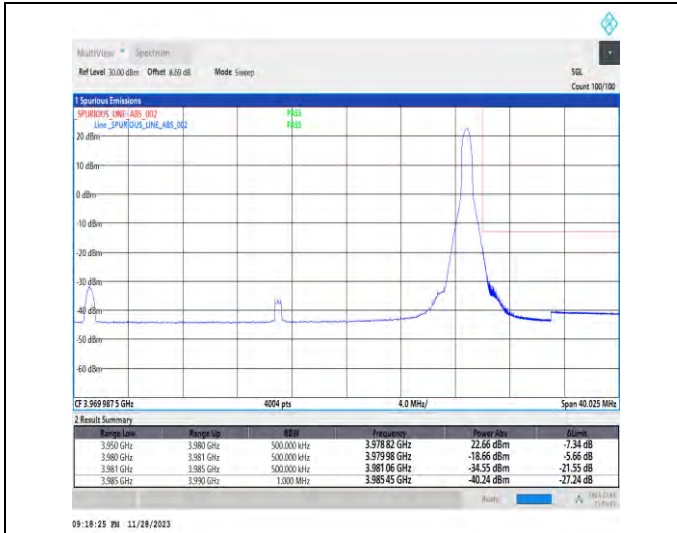
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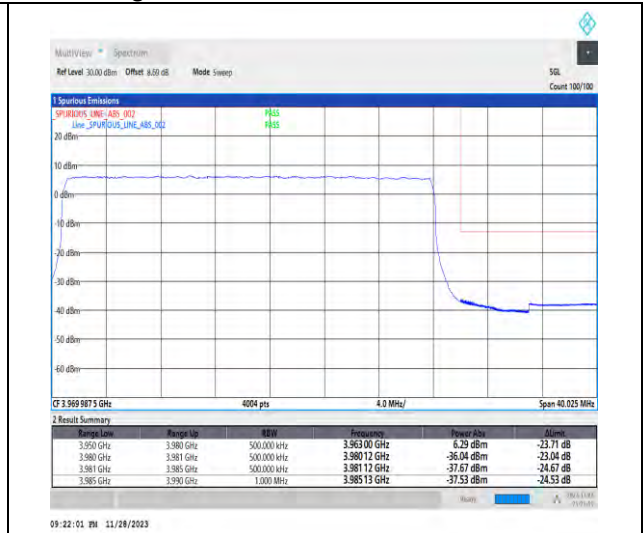
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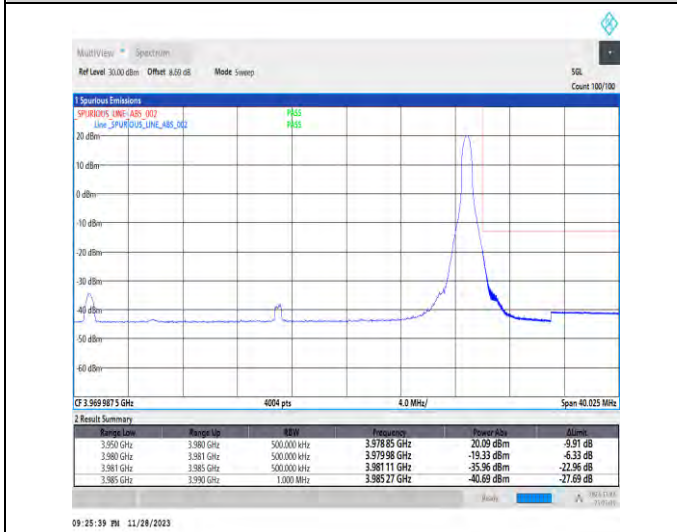
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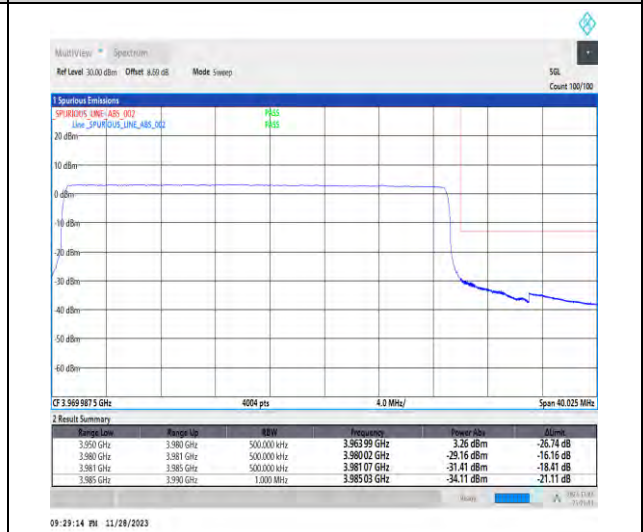
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1-N77-3700-3980-PC3-30-30-H-5-CP-QPSK-Edge_1RB_Right-1@77-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-30-H-6-CP-QPSK-Outer_Full-78@0-Ant1-1--PASS-see graph



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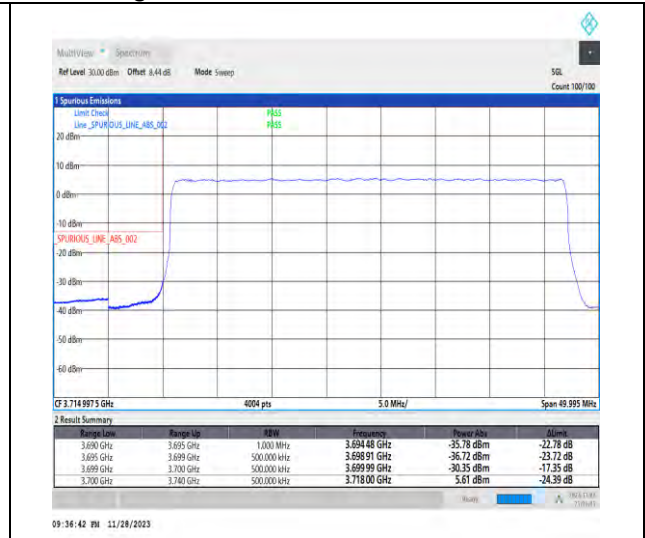
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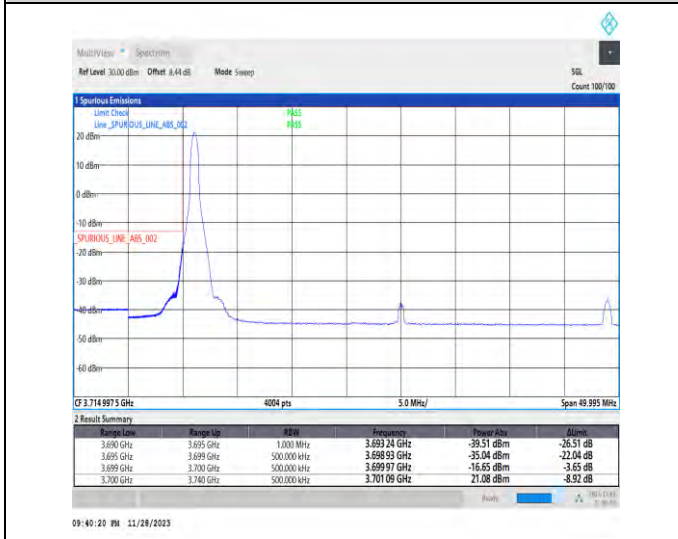
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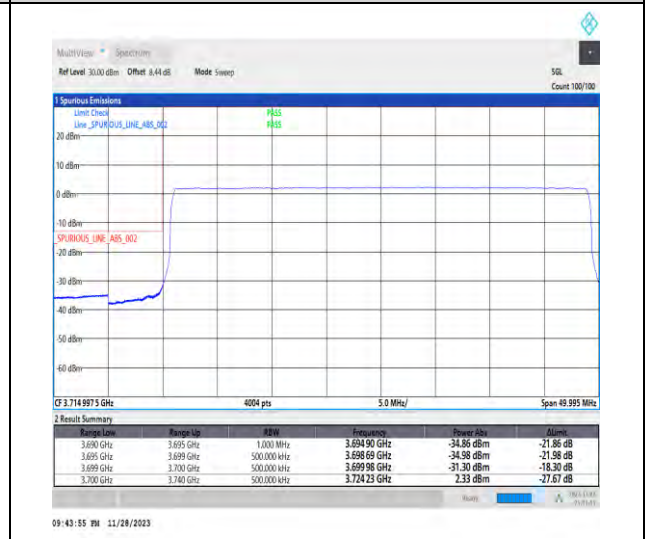
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1-N77-3700-3980-PC3-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph



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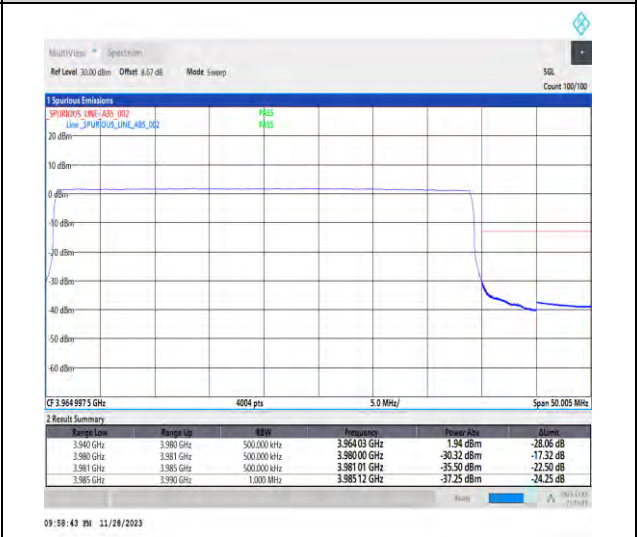
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1-N77-3700-3980-PC3-30-40-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-1--PASS-see graph



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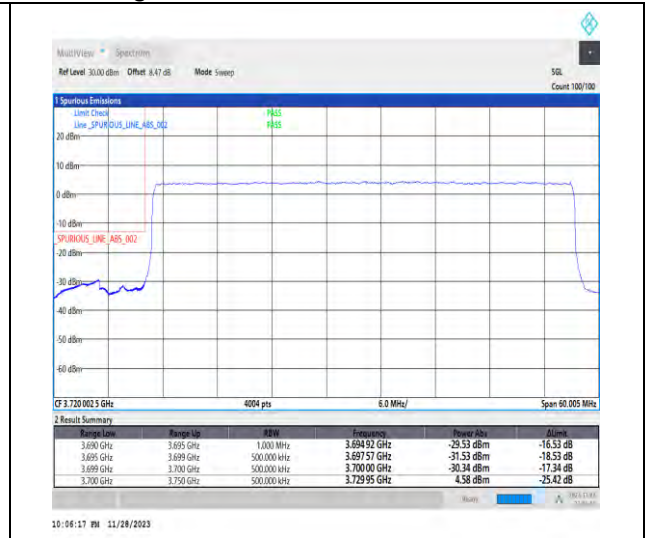


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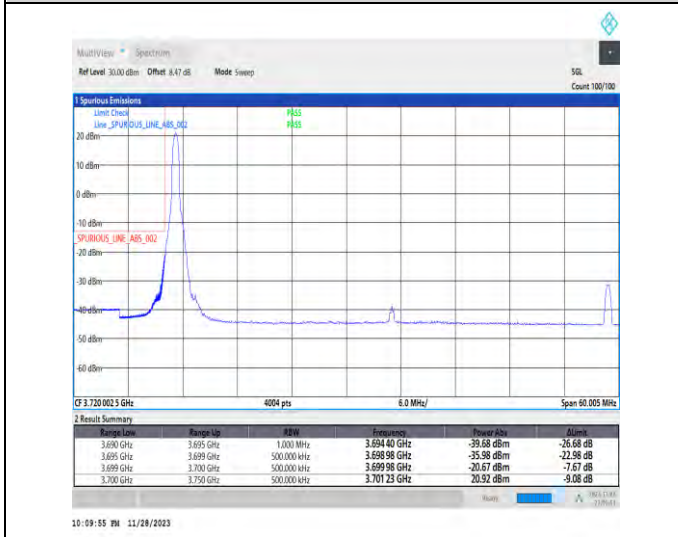
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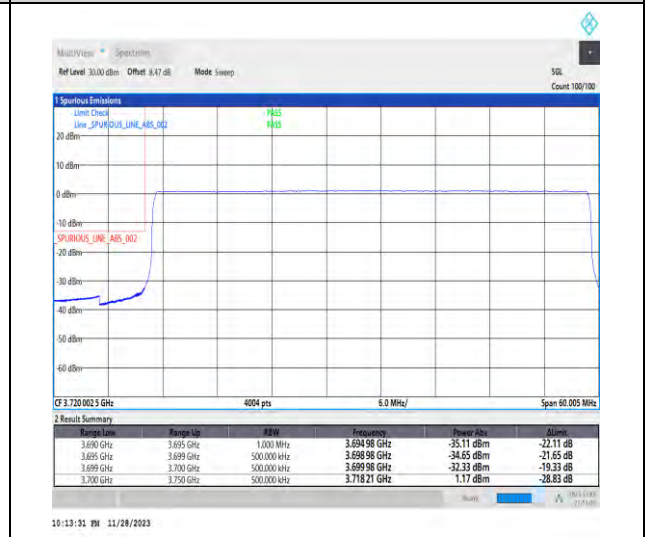
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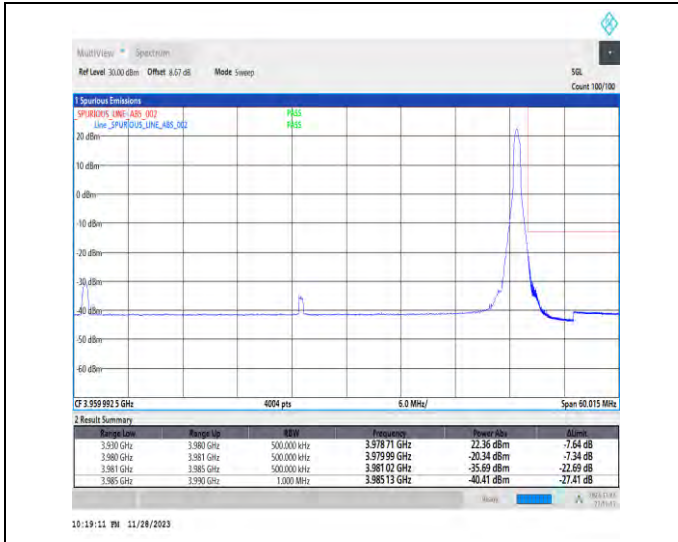
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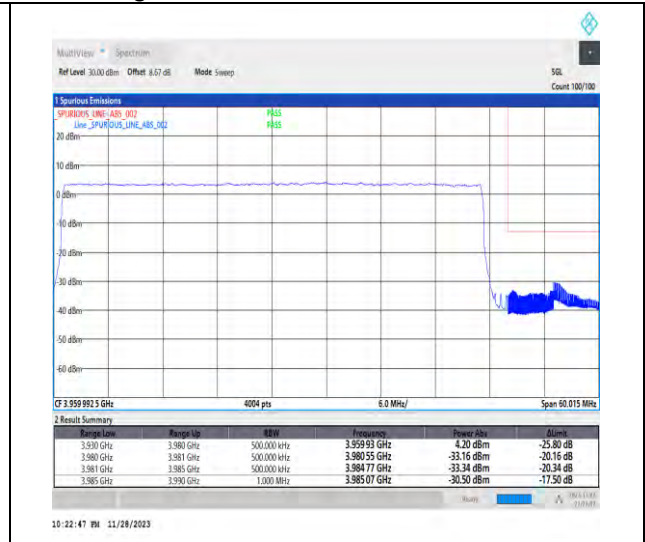
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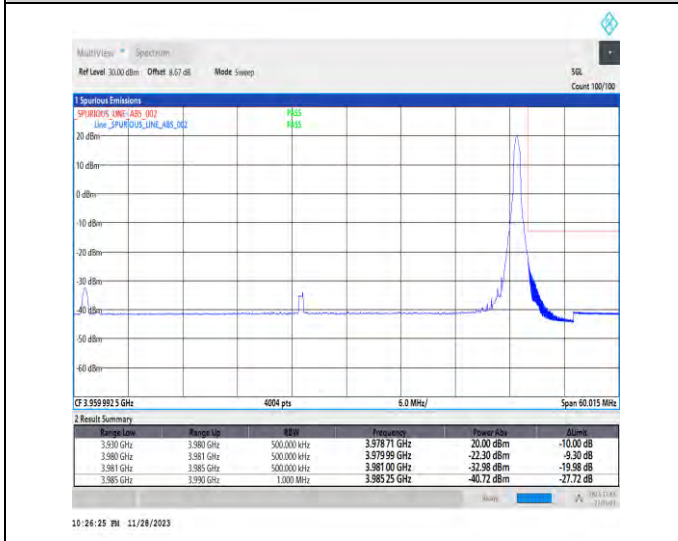
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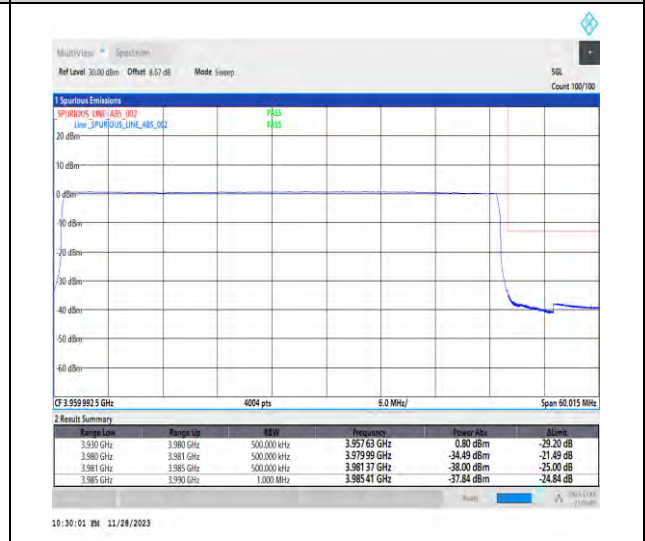
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1-N77-3700-3980-PC3-30-50-H-5-CP-QPSK-Edge_1RB_Right-1@132-Ant1-1--PASS-see graph



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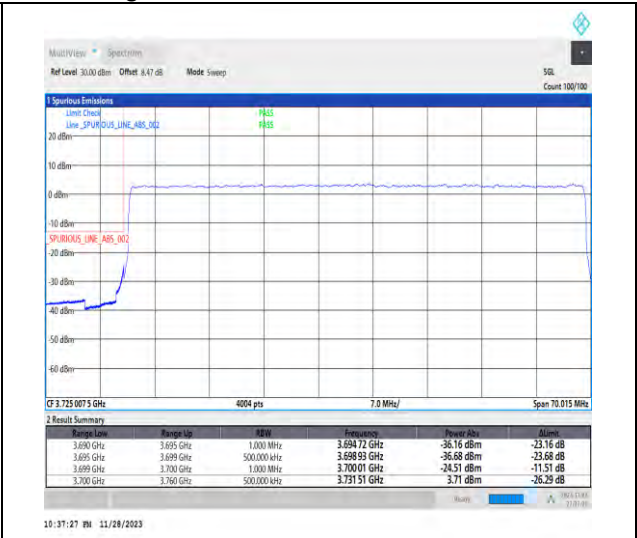
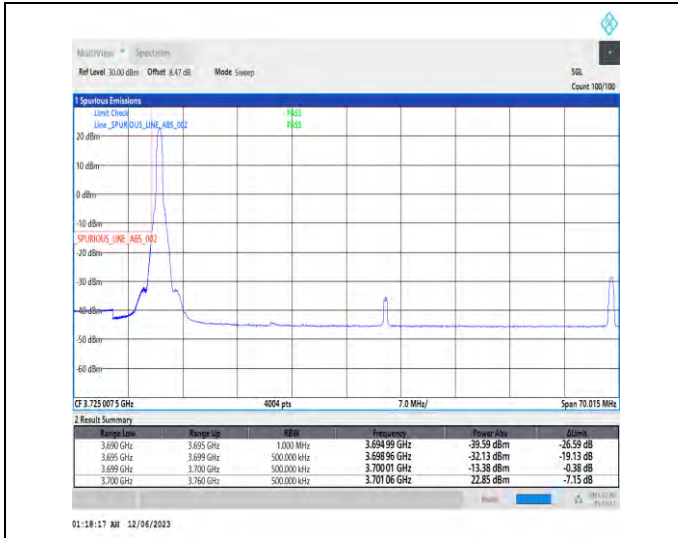


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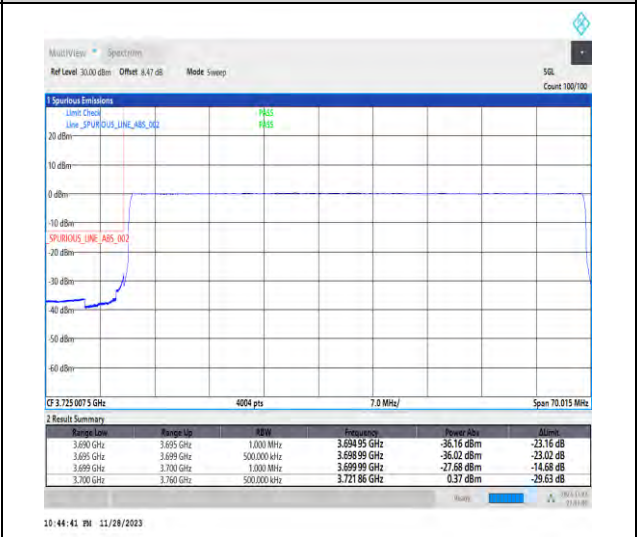
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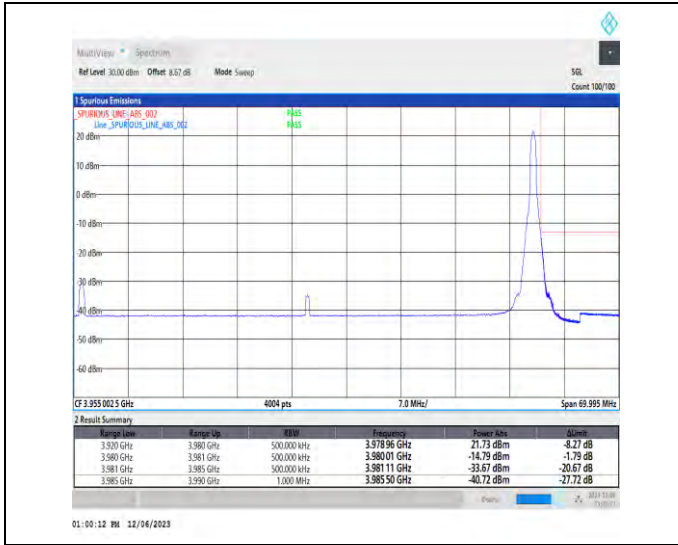
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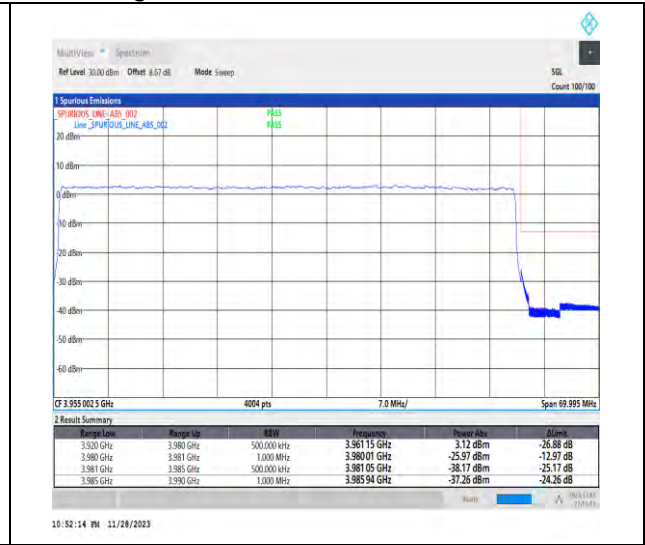


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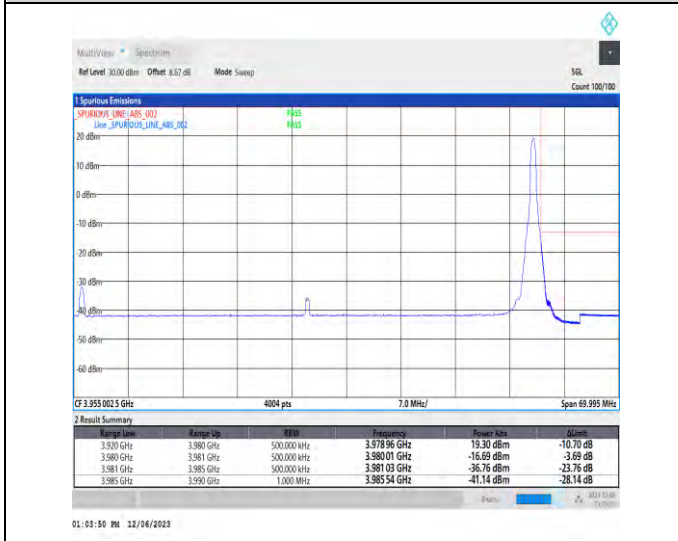
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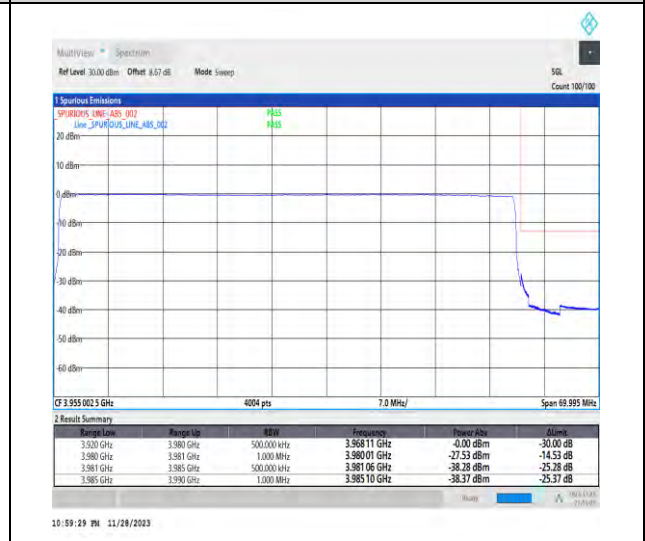
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1-N77-3700-3980-PC3-30-60-H-3-DFT-PI2BPSK-Outer_Full-162@0-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-60-H-5-CP-QPSK-Edge_1RB_Right-1@161-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-60-H-6-CP-QPSK-Outer_Full-162@0-Ant1-1--PASS-see graph

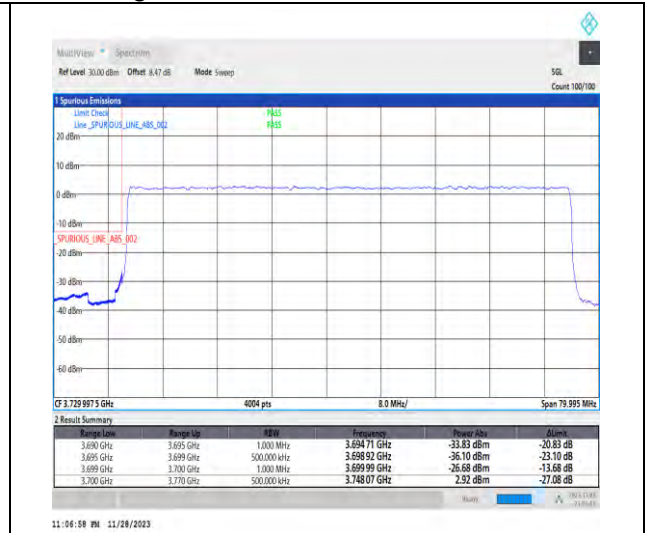


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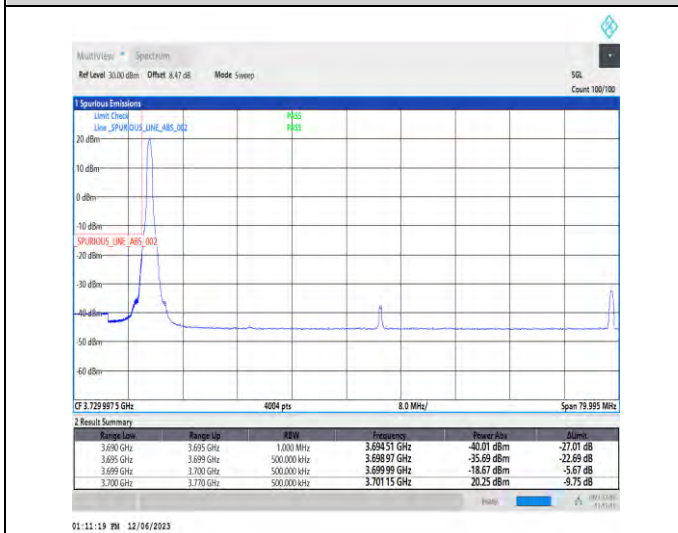
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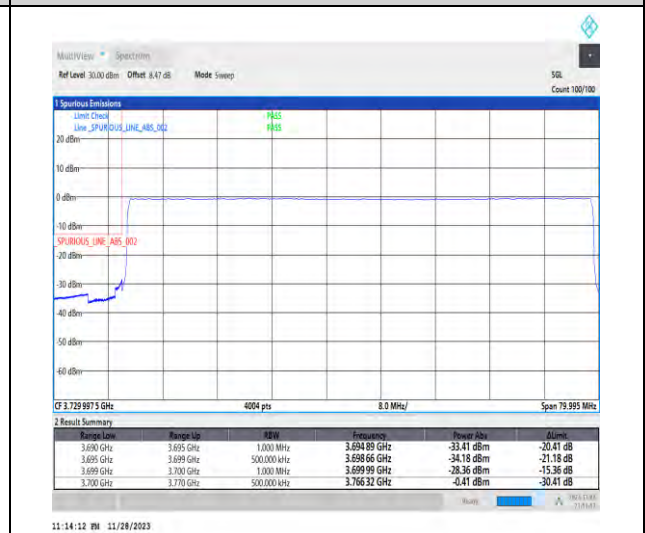
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1-N77-3700-3980-PC3-30-70-L-3-DFT-PI2BPSK-Outer_Full-180@0-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-70-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-70-L-6-CP-QPSK-Outer_Full-189@0-Ant1-1--PASS-see graph

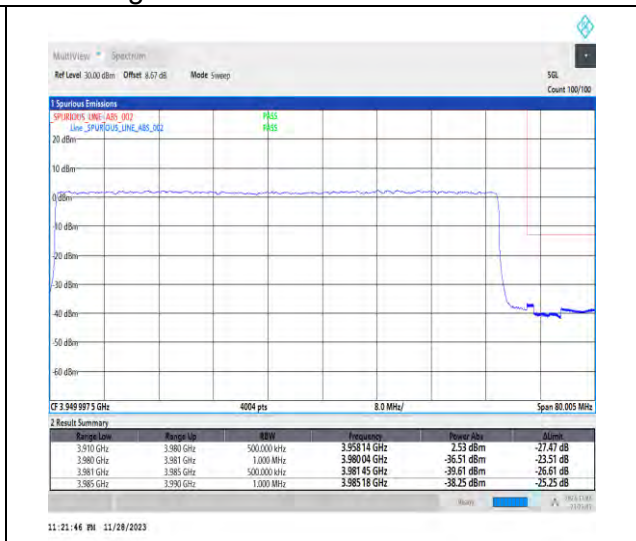


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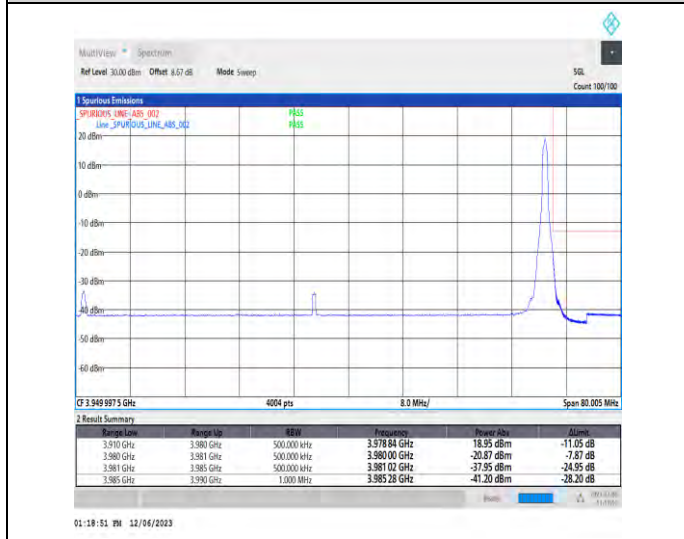
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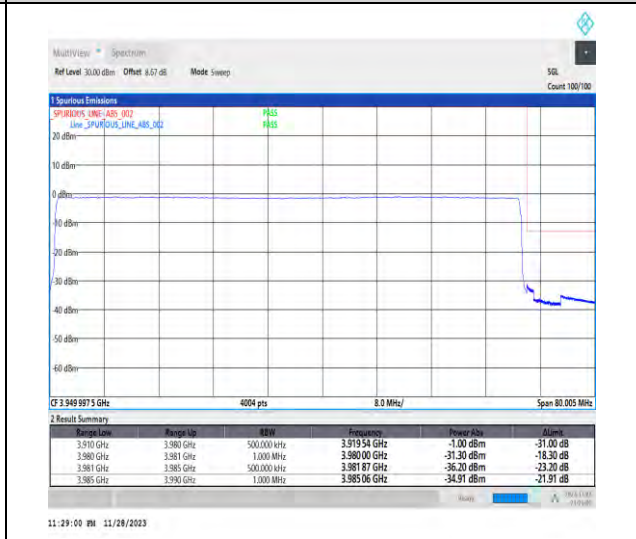
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1-N77-3700-3980-PC3-30-70-H-3-DFT-PI2BPSK-Outer_Full-180@0-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-70-H-5-CP-QPSK-Edge_1RB_Right-1@188-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-70-H-6-CP-QPSK-Outer_Full-189@0-Ant1-1--PASS-see graph



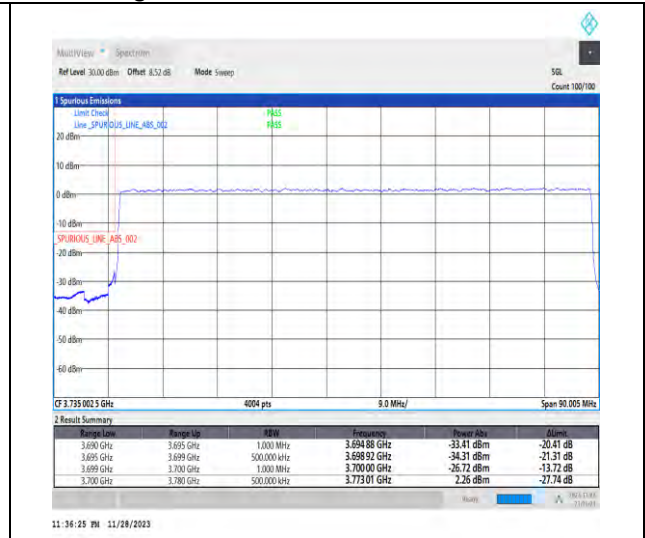
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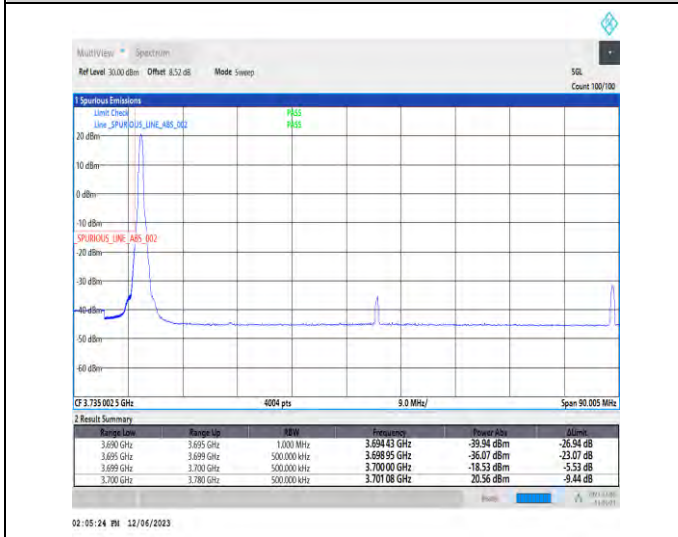
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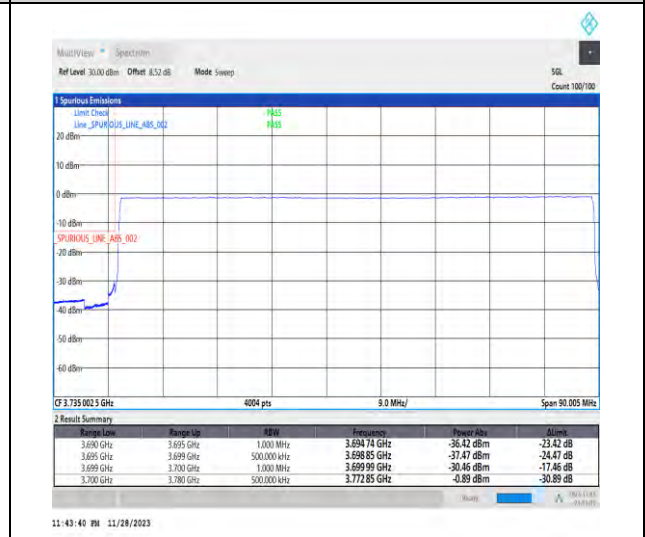
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1-N77-3700-3980-PC3-30-80-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-80-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

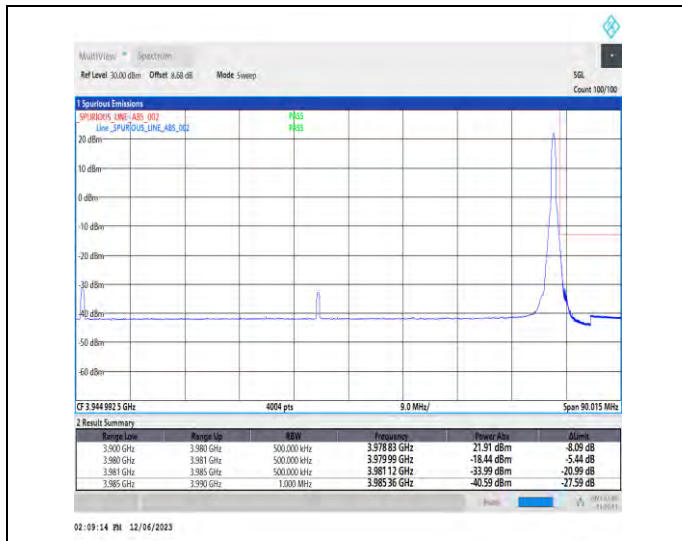


1-N77-3700-3980-PC3-30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant1-1--PASS-see graph



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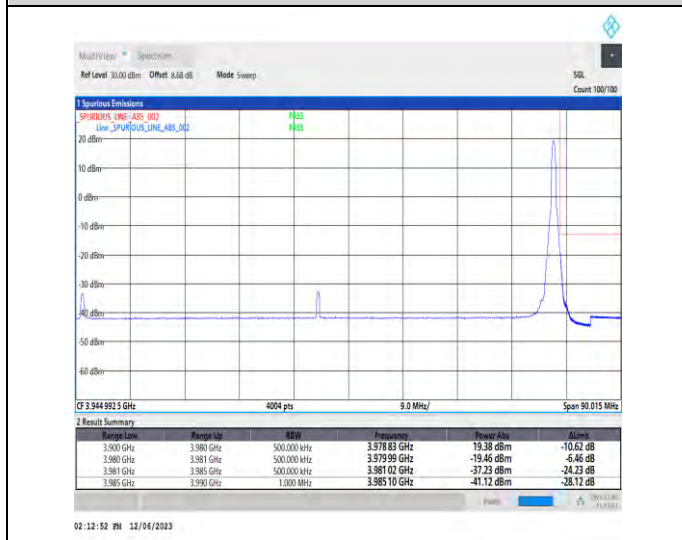
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1-N77-3700-3980-PC3-30-80-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@216-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-80-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-80-H-5-CP-QPSK-Edge_1RB_Right-1@216-Ant1-1--PASS-see graph



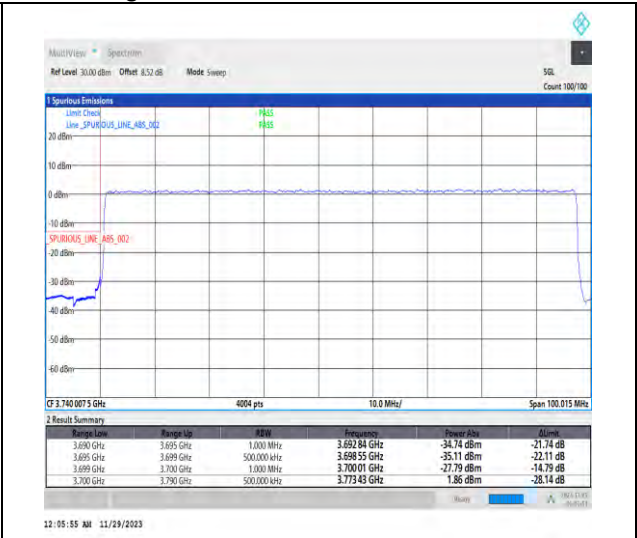
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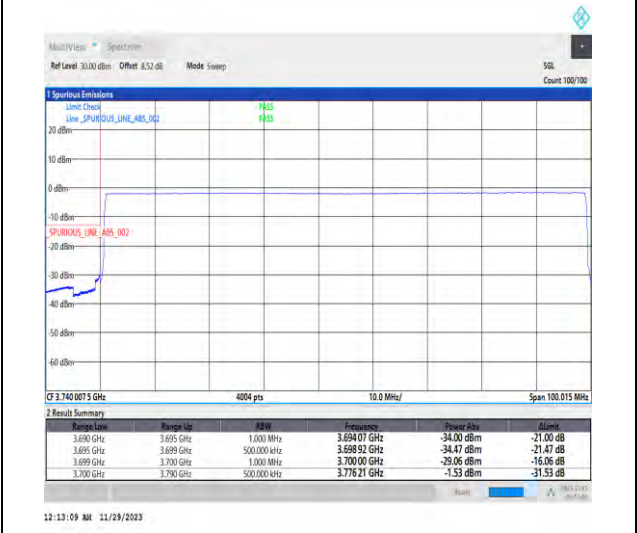
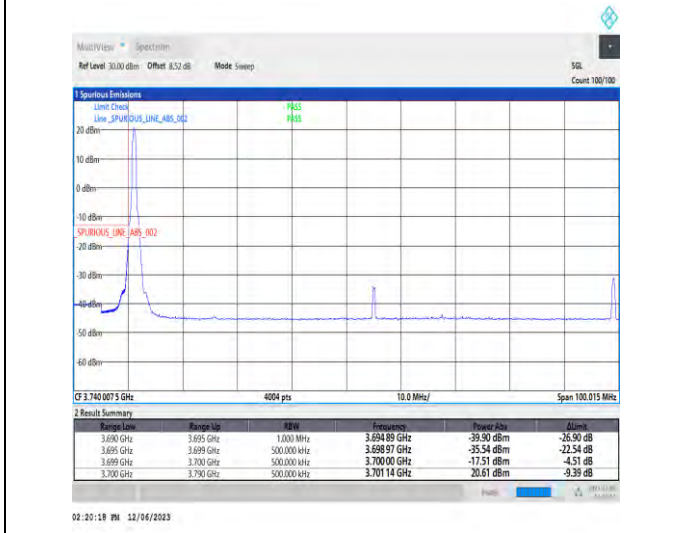
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1-N77-3700-3980-PC3-30-90-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N77-3700-3980-PC3-30-90-L-3-DFT-PI2BPSK-Outer_Full-240@0-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

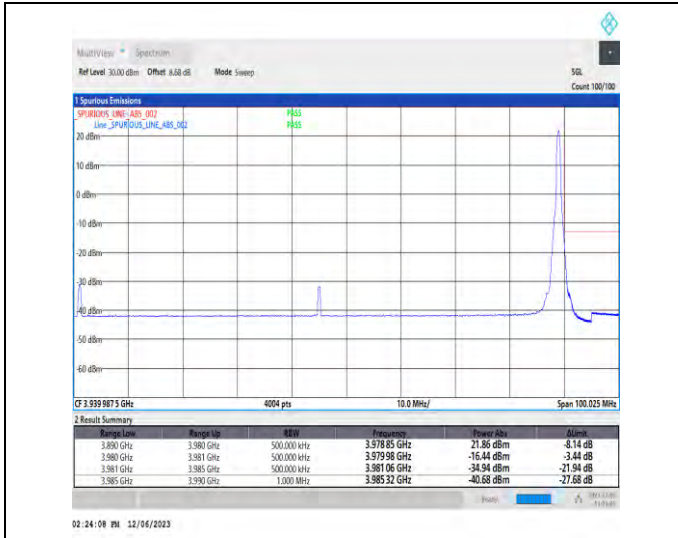
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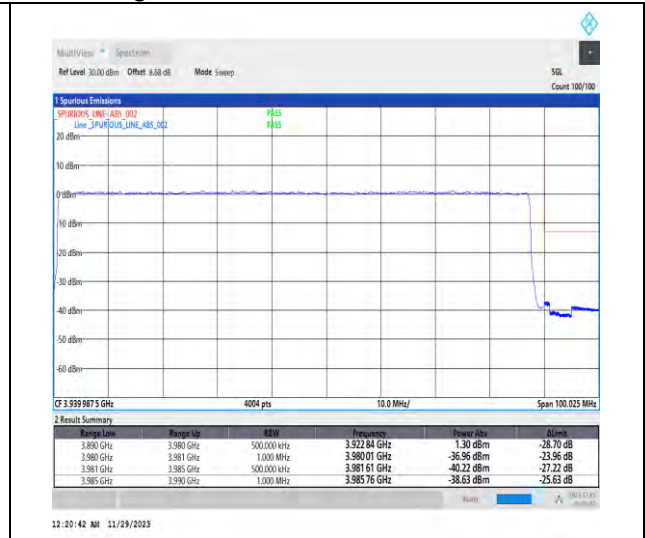
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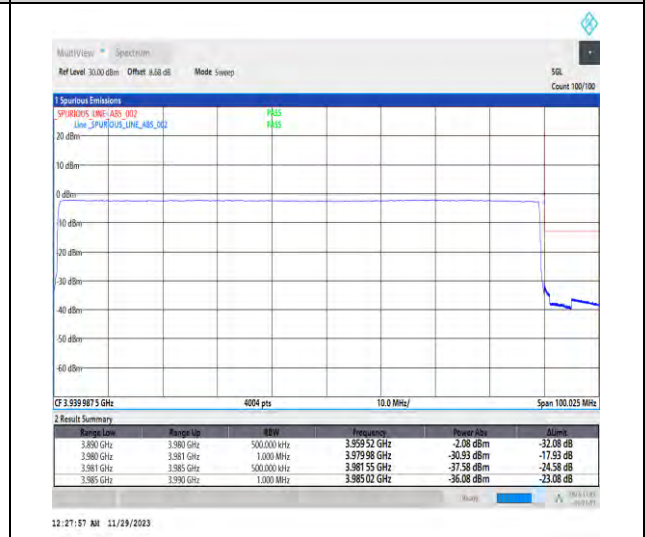
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1-N77-3700-3980-PC3-30-90-H-3-DFT-PI2BPSK-Outer_Full-240@0-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-90-H-5-CP-QPSK-Edge_1RB_Right-1@244-Ant1-1--PASS-see graph



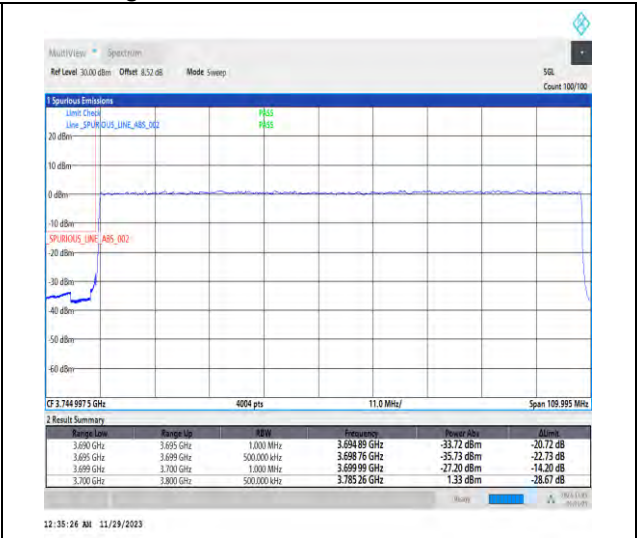
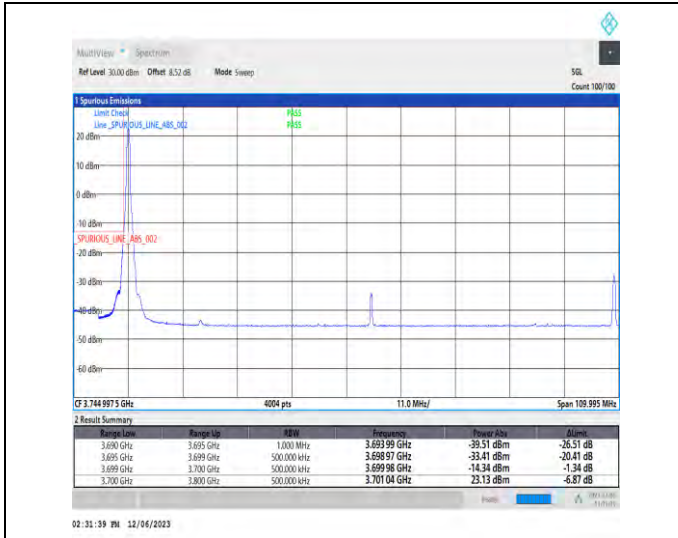
1-N77-3700-3980-PC3-30-90-H-6-CP-QPSK-Outer_Full-245@0-Ant1-1--PASS-see graph



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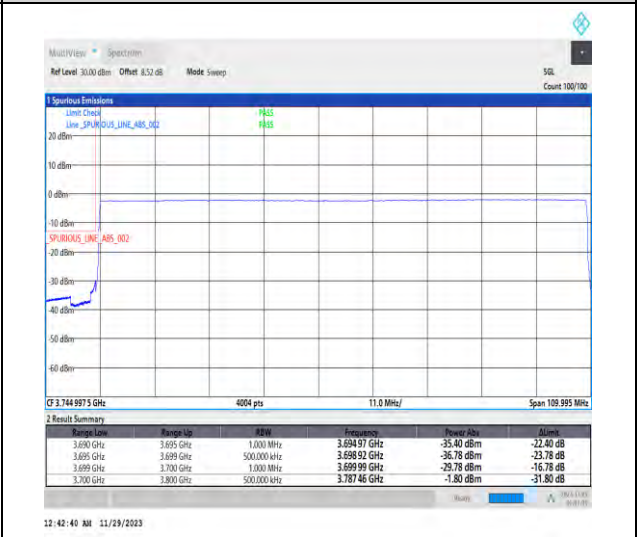
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1-N77-3700-3980-PC3-30-100-L-1-DFT-PI2BPSK-Edge_1_RB_Left-1@0-Ant1-1--PASS-see graph

1-N77-3700-3980-PC3-30-100-L-3-DFT-PI2BPSK-Outer_Full-270@0-Ant1-1--PASS-see graph



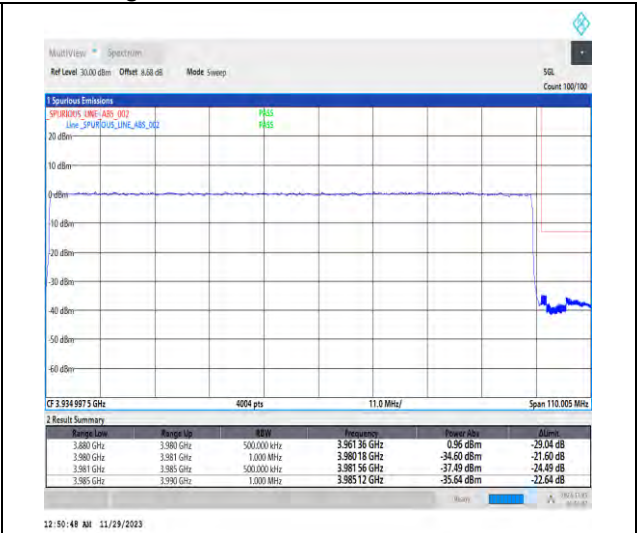
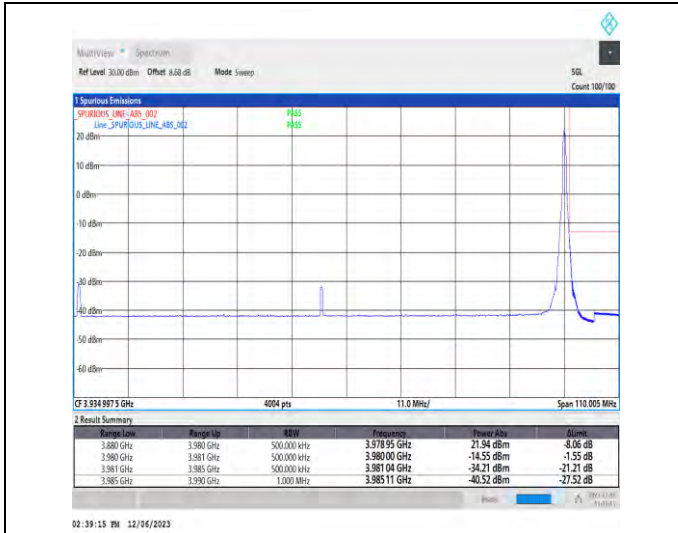
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1-N77-3700-3980-PC3-30-100-L-6-CP-QPSK-Outer_Full-273@0-Ant1-1--PASS-see graph



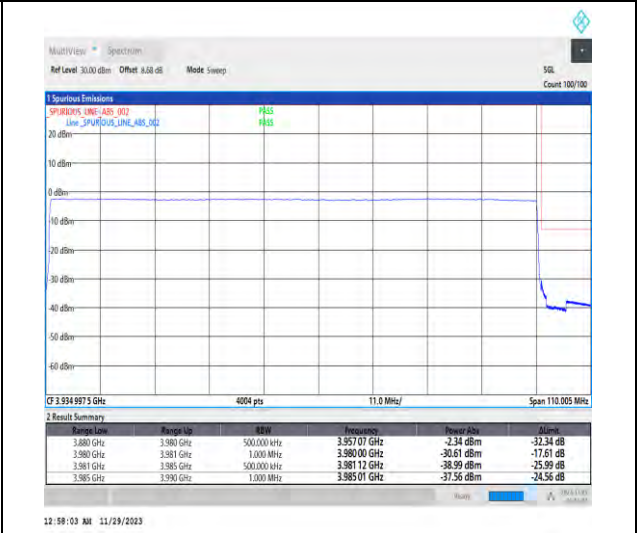
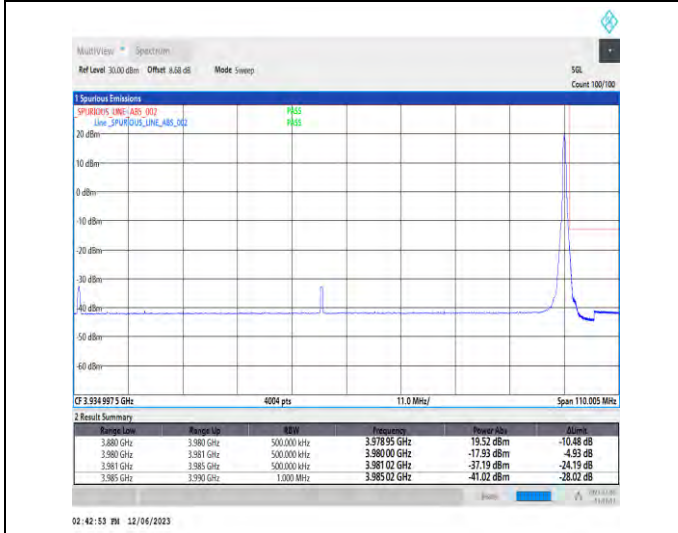
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1-N77-3700-3980-PC3-30-100-H-2-DFT-PI2BPSK-Edge_1_RB_Right-1@272-Ant1-1--PASS-see graph

1-N77-3700-3980-PC3-30-100-H-3-DFT-PI2BPSK-Outer_Full-270@0-Ant1-1--PASS-see graph



1-N77-3700-3980-PC3-30-100-H-5-CP-QPSK-Edge_1_RB_Right-1@272-Ant1-1--PASS-see graph

1-N77-3700-3980-PC3-30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant1-1--PASS-see graph



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Conducted Spurious Emission for SA

Test Graphs

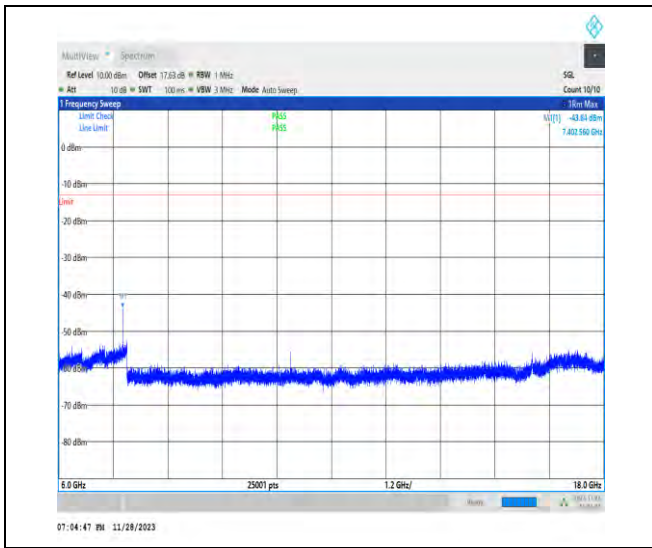
<p>1-N77-3700-3980-PC3-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.02--77.45--43-PASS</p>	<p>1-N77-3700-3980-PC3-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-28.96--86.84--33-PASS</p>
<p>1-N77-3700-3980-PC3-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-73.65--68.30--13-PASS</p>	<p>1-N77-3700-3980-PC3-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-6000-Ant1-5880.00--38.55--13-PASS</p>



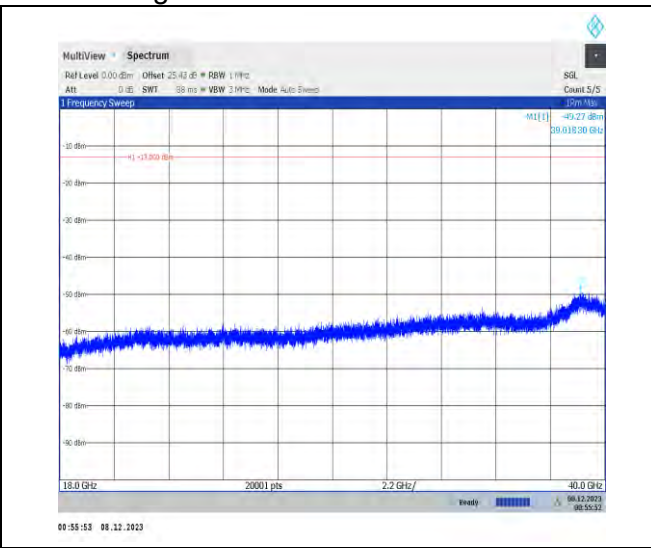
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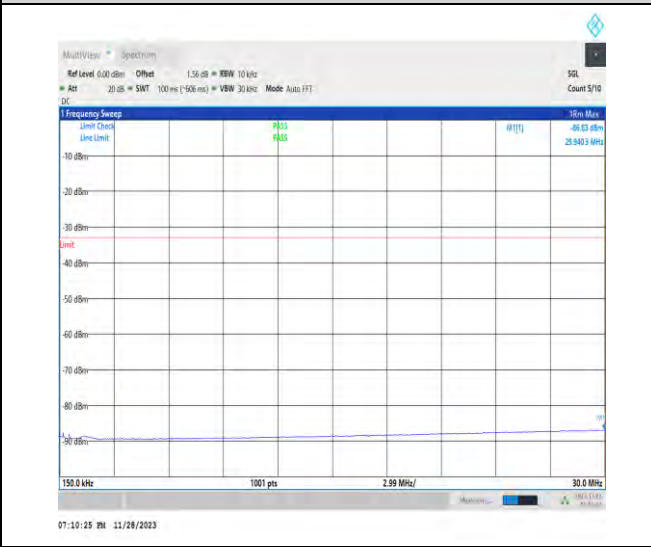
1-N77-3700-3980-PC3-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-6000-18000-Ant1-7402.56--43.84--13-PASS



1-N77-3700-3980-PC3-30-100-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-18000-40000-Ant1-18000.00--57.02--13-PASS



1-N77-3700-3980-PC3-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.02--77.04--43-PASS



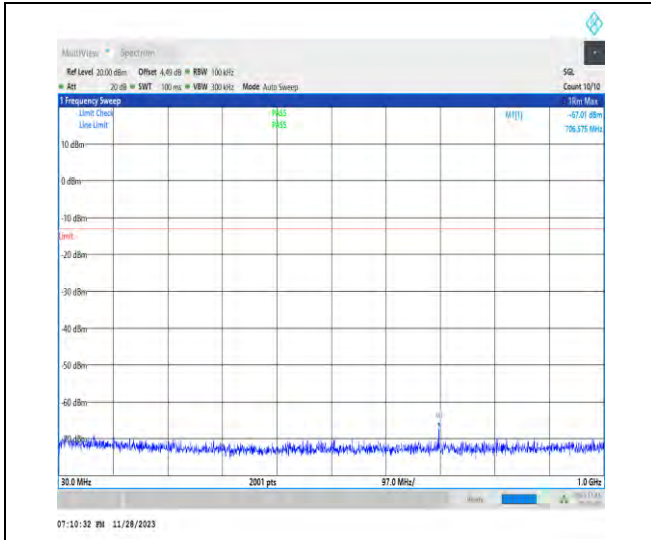
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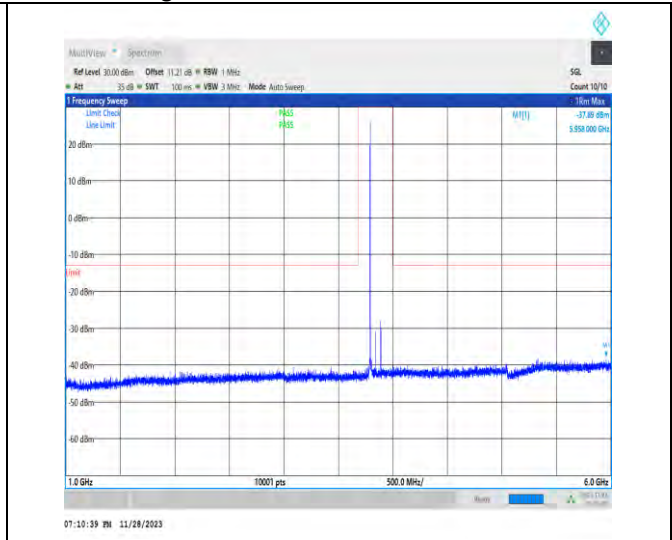
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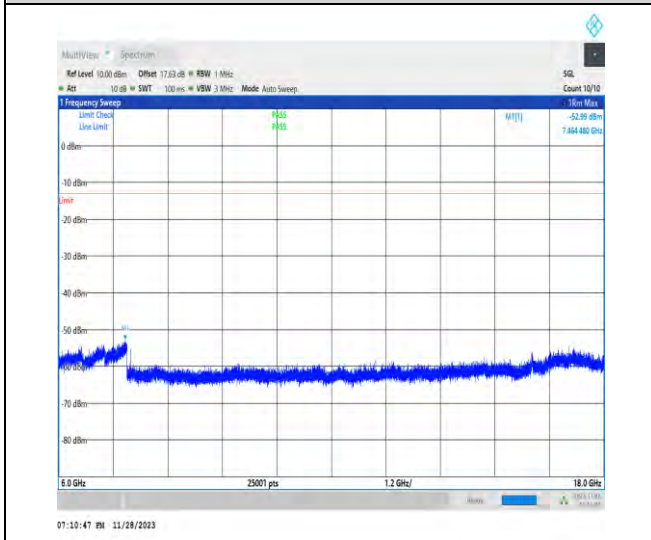
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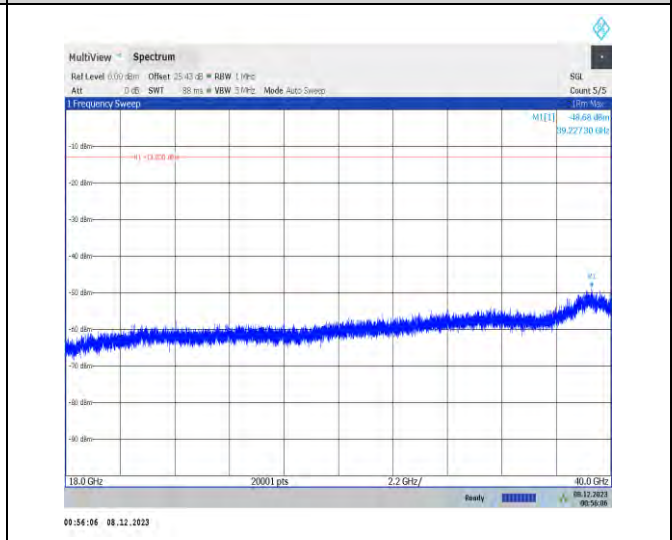
1-N77-3700-3980-PC3-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-706.58--67.01--13-PASS



1-N77-3700-3980-PC3-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-6000-Ant1-5958.00--37.89--13-PASS



1-N77-3700-3980-PC3-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-6000-18000-Ant1-7464.48--52.99--13-PASS



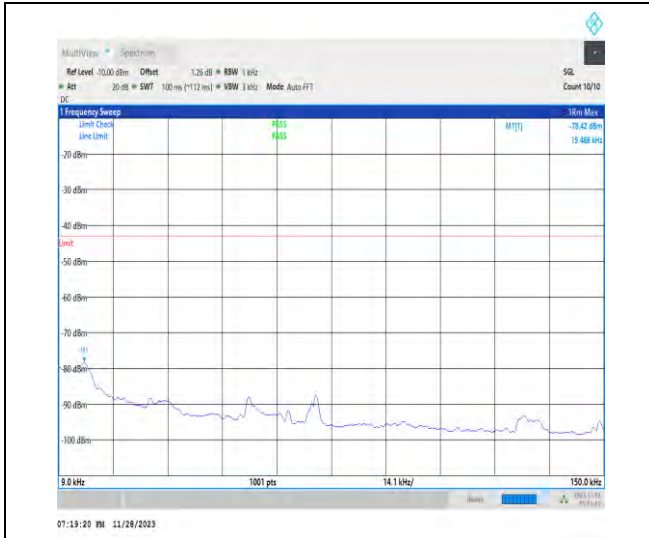
1-N77-3700-3980-PC3-30-100-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-18000-40000-Ant1-18000.00--56.52--13-PASS



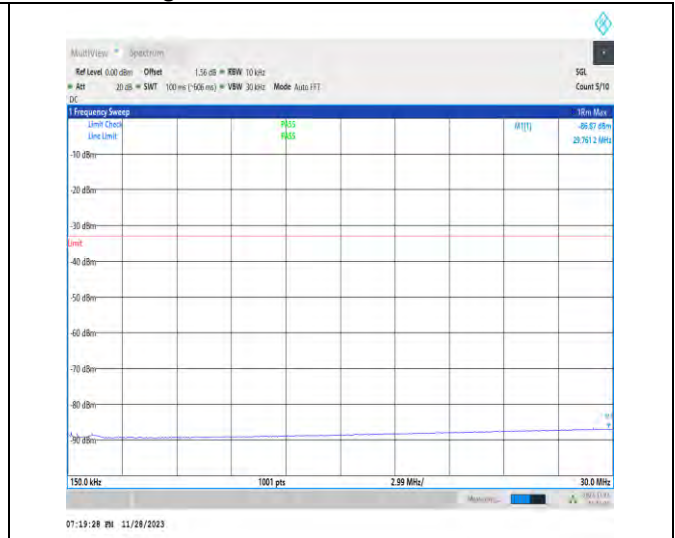
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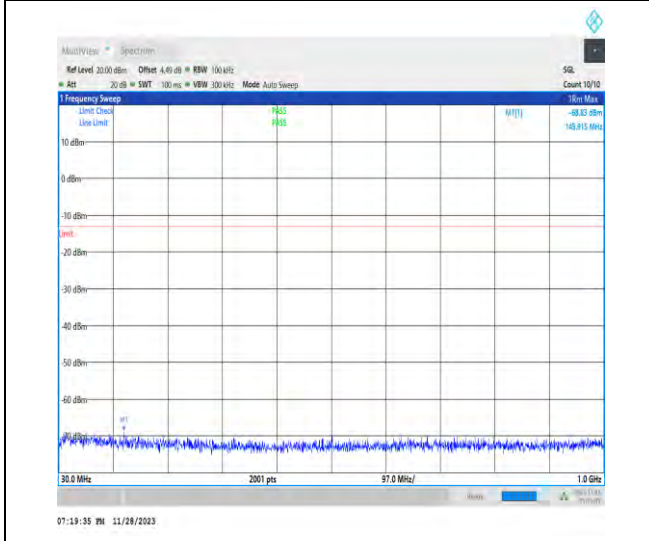
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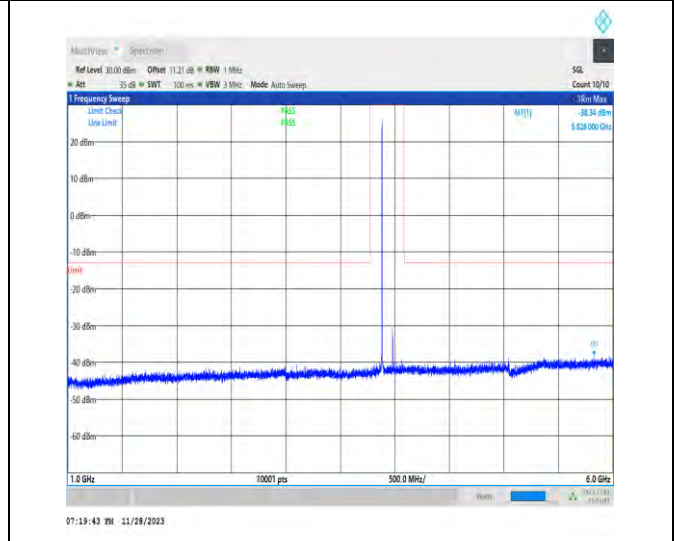
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1-N77-3700-3980-PC3-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-29.76--86.87--33-PASS



1-N77-3700-3980-PC3-30-100-H-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-145.92--68.83--13-PASS



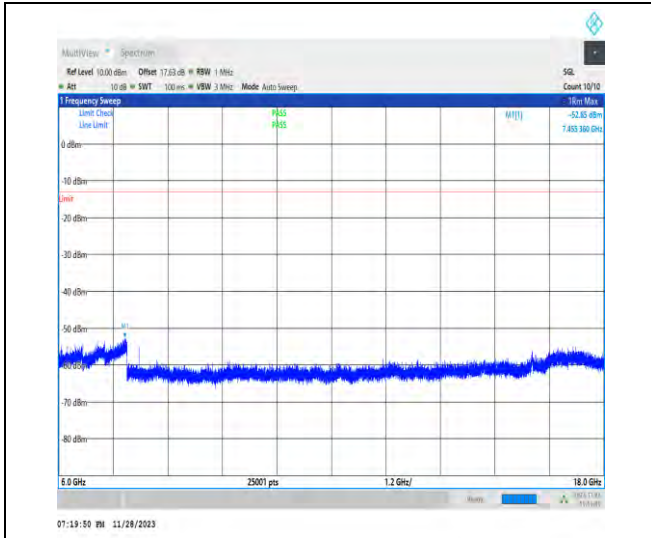
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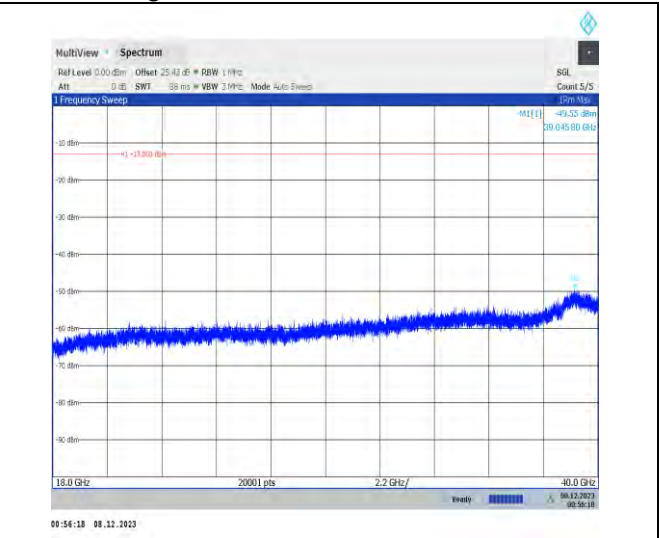
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1-N77-3700-3980-PC3-30-100-H-1-DFT-PI2BPSK-I
 nner_1RB_Left-1@1-6000-18000-Ant1-7455.36--52.
 85--13-PASS



1-N77-3700-3980-PC3-30-100-H-1-DFT-PI2BPSK-In
 ner_1RB_Left-1@1-18000-40000-Ant1-18000.00--57
 .12--13-PASS



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Field Strength of Spurious Radiation

Test Band = SA Band 77 3700-3980_ TM1

Test Channel = Low Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8746.3333	41.85	-43.77	37.24	-59.93	-13.00	46.93	Horizontal
2	12655.8542	37.55	-39.16	38.81	-58.07	-13.00	45.07	Horizontal
3	16746.0208	35.94	-37.75	38.72	-58.35	-13.00	45.35	Horizontal
4	7482.18	40.78	-46.01	36.76	-63.74	-13.00	50.74	Horizontal
5	11223.27	36.45	-40.07	39.36	-59.52	-13.00	46.52	Horizontal
6	14964.36	34.47	-38.07	40.13	-58.73	-13.00	45.73	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8935.125	41.39	-43.58	37.51	-59.94	-13.00	46.94	Vertical
2	13043.0208	37.50	-38.68	38.70	-57.74	-13.00	44.74	Vertical
3	17314.7917	34.98	-37.12	40.91	-56.49	-13.00	43.49	Vertical
4	7482.18	40.98	-46.01	36.76	-63.54	-13.00	50.54	Vertical
5	11223.27	36.80	-40.07	39.36	-59.17	-13.00	46.17	Vertical
6	14964.36	33.89	-38.07	40.13	-59.31	-13.00	46.31	Vertical



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Test Band = SA Band 77 3700-3980_ TM1
Test Channel = Mid Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8407.0833	41.36	-44.31	36.77	-61.44	-13.00	48.44	Horizontal
2	13287.3958	36.38	-38.59	39.26	-58.21	-13.00	45.21	Horizontal
3	17119.7708	35.22	-37.53	39.67	-57.90	-13.00	44.90	Horizontal
4	7590.18	40.16	-45.00	36.69	-63.40	-13.00	50.40	Horizontal
5	11835.27	35.63	-39.48	39.23	-59.88	-13.00	46.88	Horizontal
6	15180.36	34.17	-37.74	39.76	-59.07	-13.00	46.07	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8354.375	41.91	-44.45	36.70	-61.11	-13.00	48.11	Vertical
2	13082.7917	36.64	-38.52	38.79	-58.35	-13.00	45.35	Vertical
3	17275.0208	34.91	-37.12	40.66	-56.81	-13.00	43.81	Vertical
4	7590.18	39.58	-45.00	36.69	-63.98	-13.00	50.98	Vertical
5	11835.27	35.87	-39.48	39.23	-59.64	-13.00	46.64	Vertical
6	15180.36	33.91	-37.74	39.76	-59.33	-13.00	46.33	Vertical



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Test Band = SA Band 77 3700-3980_ TM1
Test Channel = High Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8685	41.26	-43.76	37.16	-60.60	-13.00	47.60	Horizontal
2	12890.6458	37.06	-38.49	38.67	-58.03	-13.00	45.03	Horizontal
3	17265.4375	35.72	-37.13	40.60	-56.07	-13.00	43.07	Horizontal
4	7770.18	41.83	-44.97	36.48	-61.93	-13.00	48.93	Horizontal
5	11655.27	35.96	-39.59	39.27	-59.62	-13.00	46.62	Horizontal
6	15540.36	33.18	-38.04	39.07	-61.05	-13.00	48.05	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9114.3333	40.20	-43.07	37.70	-60.43	-13.00	47.43	Vertical
2	12992.2292	37.26	-38.83	38.60	-58.22	-13.00	45.22	Vertical
3	17319.1042	34.85	-37.13	40.94	-56.60	-13.00	43.60	Vertical
4	7770.18	41.13	-44.97	36.48	-62.63	-13.00	49.63	Vertical
5	11655.27	36.19	-39.59	39.27	-59.39	-13.00	46.39	Vertical
6	15540.36	34.00	-38.04	39.07	-60.23	-13.00	47.23	Vertical



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Test Band = ENDC N41A-N77A 3700-3980_ TM1

Test Channel = Low Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9374.5208	43.87	-42.84	37.94	-56.30	-13.00	43.30	Horizontal
2	12063.6042	41.06	-39.09	39.16	-54.13	-13.00	41.13	Horizontal
3	17962.625	36.77	-37.08	45.06	-50.51	-13.00	37.51	Horizontal
4	7310.18	45.08	-45.96	36.34	-59.80	-13.00	46.80	Horizontal
5	10965.27	38.92	-40.40	39.37	-57.37	-13.00	44.37	Horizontal
6	14620.36	36.01	-38.14	40.40	-56.98	-13.00	43.98	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8892.9583	44.96	-43.57	37.45	-56.42	-13.00	43.42	Vertical
2	12037.25	40.80	-38.87	39.18	-54.16	-13.00	41.16	Vertical
3	17634.3958	36.51	-37.11	42.96	-52.90	-13.00	39.90	Vertical
4	7310.18	44.95	-45.96	36.34	-59.93	-13.00	46.93	Vertical
5	10965.27	38.71	-40.40	39.37	-57.58	-13.00	44.58	Vertical
6	14620.36	36.22	-38.14	40.40	-56.77	-13.00	43.77	Vertical



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Test Band = ENDC N41A-N77A 3700-3980_ TM1

Test Channel = Mid Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9430.1042	44.25	-42.76	37.99	-55.78	-13.00	42.78	Horizontal
2	13722	39.32	-38.08	40.26	-53.75	-13.00	40.75	Horizontal
3	17966.9375	36.94	-37.07	45.09	-50.30	-13.00	37.30	Horizontal
4	7590.18	44.16	-45.00	36.69	-59.40	-13.00	46.40	Horizontal
5	11835.27	37.67	-39.48	39.23	-57.84	-13.00	44.84	Horizontal
6	15180.36	35.78	-37.74	39.76	-57.46	-13.00	44.46	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9449.2708	44.21	-42.73	38.00	-55.78	-13.00	42.78	Vertical
2	14394.75	39.59	-38.71	40.58	-53.80	-13.00	40.80	Vertical
3	17957.8333	36.62	-37.10	45.03	-50.71	-13.00	37.71	Vertical
4	7590.18	43.84	-45.00	36.69	-59.72	-13.00	46.72	Vertical
5	11835.27	38.17	-39.48	39.23	-57.34	-13.00	44.34	Vertical
6	15180.36	36.26	-37.74	39.76	-56.98	-13.00	43.98	Vertical



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Test Band = ENDC N41A-N77A 3700-3980_ TM1

Test Channel = High Channel _ Worse ANT

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9440.6458	44.45	-42.74	38.00	-55.56	-13.00	42.56	Horizontal
2	12771.3333	41.14	-39.20	38.74	-54.59	-13.00	41.59	Horizontal
3	17967.4167	36.62	-37.07	45.09	-50.62	-13.00	37.62	Horizontal
4	7870.18	43.92	-44.95	36.36	-59.93	-13.00	46.93	Horizontal
5	11805.27	37.63	-39.28	39.24	-57.67	-13.00	44.67	Horizontal
6	15740.36	36.28	-37.99	38.69	-58.28	-13.00	45.28	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	9458.375	44.14	-42.72	38.01	-55.82	-13.00	42.82	Vertical
2	13728.7083	39.10	-38.11	40.28	-54.00	-13.00	41.00	Vertical
3	17834.6875	36.67	-37.75	44.24	-52.10	-13.00	39.10	Vertical
4	7870.18	43.89	-44.95	36.36	-59.96	-13.00	46.96	Vertical
5	11805.27	38.90	-39.28	39.24	-56.40	-13.00	43.40	Vertical
6	15740.36	36.28	-37.99	38.69	-58.28	-13.00	45.28	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



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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
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-0.700000	-0.000182	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	1.100000	0.000286	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	8.500000	0.002214	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	VH	NT	-4.400000	-0.001146	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	VN	NT	3.700000	0.000964	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	VL	NT	8.900000	0.002318	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	1.600000	0.000417	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-7.000000	-0.001823	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	7.600000	0.001979	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	5.600000	0.001458	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	1.700000	0.000443	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	1.300000	0.000339	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	6.400000	0.001667	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-0.600000	-0.000156	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	1.700000	0.000443	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-30	-0.600000	-0.000156	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-20	-3.700000	-0.000964	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-10	-4.200000	-0.001094	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	0	-2.600000	-0.000677	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	10	-2.100000	-0.000547	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	20	3.100000	0.000807	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	30	-4.600000	-0.001198	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	40	-1.500000	-0.000391	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	50	-3.400000	-0.000885	PASS

---End of Attachment---



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