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# Appendix B.20

## NR Band n77(3700-3980)



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## Effective (Isotropic) Radiated Power Output Data for SA

### Test Result

ANT7

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N77-3700-3980	30	10	DFT-QPSK	L	Inner_1RB_Left	25.83	23.33	30.00	PASS
N77-3700-3980	30	10	DFT-16QAM	L	Inner_1RB_Left	24.81	22.31	30.00	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Inner_1RB_Left	25.48	22.98	30.00	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Inner_1RB_Left	24.56	22.06	30.00	PASS
N77-3700-3980	30	10	DFT-QPSK	H	Inner_1RB_Left	25.42	22.92	30.00	PASS
N77-3700-3980	30	10	DFT-16QAM	H	Inner_1RB_Left	24.38	21.88	30.00	PASS
N77-3700-3980	30	15	DFT-QPSK	L	Inner_1RB_Left	26.03	23.53	30.00	PASS
N77-3700-3980	30	15	DFT-16QAM	L	Inner_1RB_Left	25.03	22.53	30.00	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Inner_1RB_Left	25.73	23.23	30.00	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Inner_1RB_Left	24.74	22.24	30.00	PASS
N77-3700-3980	30	15	DFT-QPSK	H	Inner_1RB_Left	25.48	22.98	30.00	PASS
N77-3700-3980	30	15	DFT-16QAM	H	Inner_1RB_Left	24.5	22.00	30.00	PASS
N77-3700-3980	30	20	DFT-QPSK	L	Inner_1RB_Left	26	23.50	30.00	PASS
N77-3700-3980	30	20	DFT-16QAM	L	Inner_1RB_Left	25.05	22.55	30.00	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Inner_1RB_Left	25.7	23.20	30.00	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Inner_1RB_Left	24.74	22.24	30.00	PASS
N77-3700-3980	30	20	DFT-QPSK	H	Inner_1RB_Left	25.51	23.01	30.00	PASS
N77-3700-3980	30	20	DFT-16QAM	H	Inner_1RB_Left	24.52	22.02	30.00	PASS
N77-3700-3980	30	30	DFT-QPSK	L	Inner_1RB_Left	25.84	23.34	30.00	PASS
N77-3700-3980	30	30	DFT-16QAM	L	Inner_1RB_Left	24.97	22.47	30.00	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Inner_1RB_Left	25.78	23.28	30.00	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Inner_1RB_Left	24.83	22.33	30.00	PASS
N77-3700-3980	30	30	DFT-QPSK	H	Inner_1RB_Left	25.36	22.86	30.00	PASS
N77-3700-3980	30	30	DFT-16QAM	H	Inner_1RB_Left	24.42	21.92	30.00	PASS
N77-3700-3980	30	40	DFT-QPSK	L	Inner_1RB_Left	26.06	23.56	30.00	PASS
N77-3700-3980	30	40	DFT-16QAM	L	Inner_1RB_Left	25.1	22.60	30.00	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Inner_1RB_Left	25.93	23.43	30.00	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Inner_1RB_Left	24.98	22.48	30.00	PASS
N77-3700-3980	30	40	DFT-QPSK	H	Inner_1RB_Left	25.44	22.94	30.00	PASS
N77-3700-3980	30	40	DFT-16QAM	H	Inner_1RB_Left	24.58	22.08	30.00	PASS
N77-3700-3980	30	50	DFT-QPSK	L	Inner_1RB_Left	25.86	23.36	30.00	PASS



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N77-3700-3980	30	50	DFT-16QAM	L	Inner_1RB_Left	24.91	22.41	30.00	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Inner_1RB_Left	25.6	23.10	30.00	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Inner_1RB_Left	24.7	22.20	30.00	PASS
N77-3700-3980	30	50	DFT-QPSK	H	Inner_1RB_Left	25.21	22.71	30.00	PASS
N77-3700-3980	30	50	DFT-16QAM	H	Inner_1RB_Left	24.25	21.75	30.00	PASS
N77-3700-3980	30	60	DFT-QPSK	L	Inner_1RB_Left	25.87	23.37	30.00	PASS
N77-3700-3980	30	60	DFT-16QAM	L	Inner_1RB_Left	24.81	22.31	30.00	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Inner_1RB_Left	25.54	23.04	30.00	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Inner_1RB_Left	24.62	22.12	30.00	PASS
N77-3700-3980	30	60	DFT-QPSK	H	Inner_1RB_Left	25.29	22.79	30.00	PASS
N77-3700-3980	30	60	DFT-16QAM	H	Inner_1RB_Left	24.36	21.86	30.00	PASS
N77-3700-3980	30	70	DFT-QPSK	L	Inner_1RB_Left	25.58	23.08	30.00	PASS
N77-3700-3980	30	70	DFT-16QAM	L	Inner_1RB_Left	24.64	22.14	30.00	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Inner_1RB_Left	25.47	22.97	30.00	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Inner_1RB_Left	24.51	22.01	30.00	PASS
N77-3700-3980	30	70	DFT-QPSK	H	Inner_1RB_Left	25.16	22.66	30.00	PASS
N77-3700-3980	30	70	DFT-16QAM	H	Inner_1RB_Left	24.15	21.65	30.00	PASS
N77-3700-3980	30	80	DFT-QPSK	L	Inner_1RB_Left	25.54	23.04	30.00	PASS
N77-3700-3980	30	80	DFT-16QAM	L	Inner_1RB_Left	24.58	22.08	30.00	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Inner_1RB_Left	25.38	22.88	30.00	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Inner_1RB_Left	24.44	21.94	30.00	PASS
N77-3700-3980	30	80	DFT-QPSK	H	Inner_1RB_Left	24.94	22.44	30.00	PASS
N77-3700-3980	30	80	DFT-16QAM	H	Inner_1RB_Left	23.95	21.45	30.00	PASS
N77-3700-3980	30	90	DFT-QPSK	L	Inner_1RB_Left	25.56	23.06	30.00	PASS
N77-3700-3980	30	90	DFT-16QAM	L	Inner_1RB_Left	24.64	22.14	30.00	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Inner_1RB_Left	25.32	22.82	30.00	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Inner_1RB_Left	24.33	21.83	30.00	PASS
N77-3700-3980	30	90	DFT-QPSK	H	Inner_1RB_Left	24.78	22.28	30.00	PASS
N77-3700-3980	30	90	DFT-16QAM	H	Inner_1RB_Left	23.73	21.23	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	25.62	23.12	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	25.9	23.40	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	L	Outer_Full	25.35	22.85	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Left	25.59	23.09	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Inner_1RB_Right	25.93	23.43	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	L	Outer_Full	24.85	22.35	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Left	24.59	22.09	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	L	Inner_1RB_Right	24.99	22.49	30.00	PASS



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N77-3700-3980	30	100	DFT-16QAM	L	Outer_Full	23.72	21.22	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Left	23.09	20.59	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Inner_1RB_Right	23.4	20.90	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	L	Outer_Full	23.28	20.78	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Left	20.9	18.40	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Inner_1RB_Right	21.3	18.80	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	21.23	18.73	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	25.28	22.78	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	25.15	22.65	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	24.87	22.37	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Left	25.25	22.75	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Inner_1RB_Right	25.21	22.71	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	24.36	21.86	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Left	24.28	21.78	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Inner_1RB_Right	24.27	21.77	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	23.29	20.79	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Left	22.74	20.24	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Inner_1RB_Right	22.73	20.23	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	22.79	20.29	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Left	20.59	18.09	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Inner_1RB_Right	20.54	18.04	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	20.72	18.22	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	24.71	22.21	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	25.35	22.85	30.00	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	H	Outer_Full	24.72	22.22	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Left	24.76	22.26	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Inner_1RB_Right	25.39	22.89	30.00	PASS
N77-3700-3980	30	100	DFT-QPSK	H	Outer_Full	24.15	21.65	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Left	23.76	21.26	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Inner_1RB_Right	24.47	21.97	30.00	PASS
N77-3700-3980	30	100	DFT-16QAM	H	Outer_Full	23.07	20.57	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Left	22.27	19.77	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Inner_1RB_Right	22.86	20.36	30.00	PASS
N77-3700-3980	30	100	DFT-64QAM	H	Outer_Full	22.57	20.07	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Left	20.11	17.61	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Inner_1RB_Right	20.67	18.17	30.00	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	20.55	18.05	30.00	PASS



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## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N77-3700-3980	30	100	DFT-256QAM	L	Outer_Full	6.41	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	L	Outer_Full	6.40	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	6.42	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	6.43	≤13	PASS
N77-3700-3980	30	100	DFT-256QAM	H	Outer_Full	6.42	≤13	PASS
N77-3700-3980	30	100	CP-256QAM	H	Outer_Full	6.41	≤13	PASS



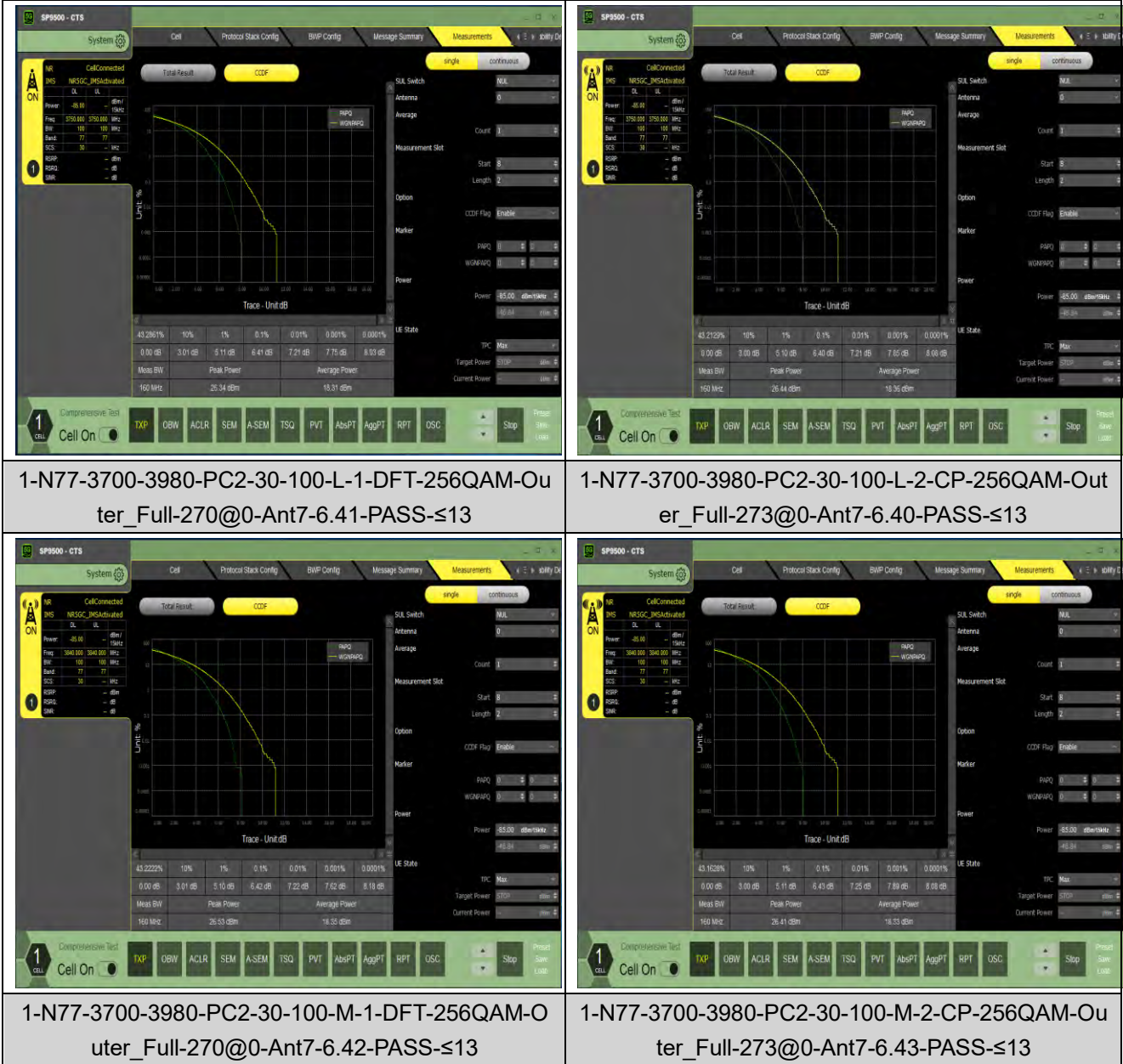
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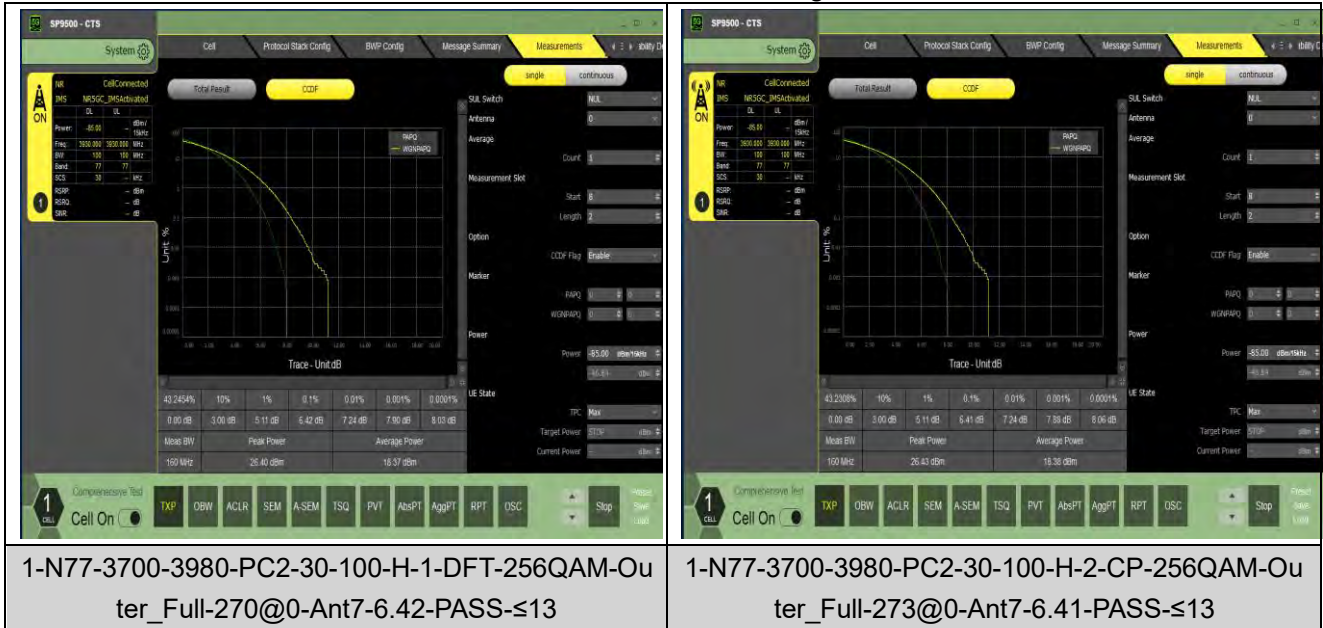
Test Graphs



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## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	8.582	9.520	PASS
N77-3700-3980	30	10	DFT-PI2BPSK	M	Outer_Full	8.537	9.620	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	8.575	9.520	PASS
N77-3700-3980	30	10	DFT-64QAM	M	Outer_Full	8.58	9.820	PASS
N77-3700-3980	30	10	DFT-256QAM	M	Outer_Full	8.561	9.260	PASS
N77-3700-3980	30	10	CP-QPSK	M	Outer_Full	8.582	9.700	PASS
N77-3700-3980	30	10	CP-16QAM	M	Outer_Full	8.58	9.880	PASS
N77-3700-3980	30	10	CP-64QAM	M	Outer_Full	8.594	9.560	PASS
N77-3700-3980	30	10	CP-256QAM	M	Outer_Full	8.577	9.580	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	12.844	14.070	PASS
N77-3700-3980	30	15	DFT-PI2BPSK	M	Outer_Full	12.845	14.040	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	12.899	14.070	PASS
N77-3700-3980	30	15	DFT-64QAM	M	Outer_Full	12.87	13.980	PASS
N77-3700-3980	30	15	DFT-256QAM	M	Outer_Full	12.883	13.950	PASS
N77-3700-3980	30	15	CP-QPSK	M	Outer_Full	13.561	14.280	PASS
N77-3700-3980	30	15	CP-16QAM	M	Outer_Full	13.553	15.060	PASS
N77-3700-3980	30	15	CP-64QAM	M	Outer_Full	13.637	15.270	PASS
N77-3700-3980	30	15	CP-256QAM	M	Outer_Full	13.547	14.910	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	17.831	18.840	PASS
N77-3700-3980	30	20	DFT-PI2BPSK	M	Outer_Full	17.828	19.000	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	17.833	19.440	PASS
N77-3700-3980	30	20	DFT-64QAM	M	Outer_Full	17.911	19.000	PASS
N77-3700-3980	30	20	DFT-256QAM	M	Outer_Full	17.782	18.920	PASS
N77-3700-3980	30	20	CP-QPSK	M	Outer_Full	18.153	19.600	PASS
N77-3700-3980	30	20	CP-16QAM	M	Outer_Full	18.21	19.640	PASS
N77-3700-3980	30	20	CP-64QAM	M	Outer_Full	18.233	19.440	PASS
N77-3700-3980	30	20	CP-256QAM	M	Outer_Full	18.285	19.240	PASS
N77-3700-3980	30	30	DFT-QPSK	M	Outer_Full	26.733	28.380	PASS
N77-3700-3980	30	30	DFT-PI2BPSK	M	Outer_Full	26.727	28.200	PASS
N77-3700-3980	30	30	DFT-16QAM	M	Outer_Full	26.842	28.560	PASS



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N77-3700-3980	30	30	DFT-64QAM	M	Outer_Full	26.76	28.200	PASS
N77-3700-3980	30	30	DFT-256QAM	M	Outer_Full	26.778	28.140	PASS
N77-3700-3980	30	30	CP-QPSK	M	Outer_Full	27.801	29.580	PASS
N77-3700-3980	30	30	CP-16QAM	M	Outer_Full	27.893	29.400	PASS
N77-3700-3980	30	30	CP-64QAM	M	Outer_Full	27.841	29.520	PASS
N77-3700-3980	30	30	CP-256QAM	M	Outer_Full	27.873	29.400	PASS
N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	35.722	37.920	PASS
N77-3700-3980	30	40	DFT-PI2BPSK	M	Outer_Full	35.788	38.000	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	35.77	37.360	PASS
N77-3700-3980	30	40	DFT-64QAM	M	Outer_Full	35.657	37.520	PASS
N77-3700-3980	30	40	DFT-256QAM	M	Outer_Full	35.738	37.760	PASS
N77-3700-3980	30	40	CP-QPSK	M	Outer_Full	37.823	40.000	PASS
N77-3700-3980	30	40	CP-16QAM	M	Outer_Full	37.913	39.760	PASS
N77-3700-3980	30	40	CP-64QAM	M	Outer_Full	37.876	39.680	PASS
N77-3700-3980	30	40	CP-256QAM	M	Outer_Full	37.828	39.600	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	45.829	47.600	PASS
N77-3700-3980	30	50	DFT-PI2BPSK	M	Outer_Full	45.871	47.900	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	45.597	47.700	PASS
N77-3700-3980	30	50	DFT-64QAM	M	Outer_Full	45.685	47.800	PASS
N77-3700-3980	30	50	DFT-256QAM	M	Outer_Full	45.436	47.500	PASS
N77-3700-3980	30	50	CP-QPSK	M	Outer_Full	47.511	49.500	PASS
N77-3700-3980	30	50	CP-16QAM	M	Outer_Full	47.365	49.900	PASS
N77-3700-3980	30	50	CP-64QAM	M	Outer_Full	47.469	49.300	PASS
N77-3700-3980	30	50	CP-256QAM	M	Outer_Full	47.483	49.500	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	57.711	60.000	PASS
N77-3700-3980	30	60	DFT-PI2BPSK	M	Outer_Full	57.995	60.120	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	57.965	60.120	PASS
N77-3700-3980	30	60	DFT-64QAM	M	Outer_Full	57.887	59.760	PASS
N77-3700-3980	30	60	DFT-256QAM	M	Outer_Full	57.898	60.000	PASS
N77-3700-3980	30	60	CP-QPSK	M	Outer_Full	57.81	60.240	PASS
N77-3700-3980	30	60	CP-16QAM	M	Outer_Full	57.785	59.880	PASS
N77-3700-3980	30	60	CP-64QAM	M	Outer_Full	57.702	60.120	PASS
N77-3700-3980	30	60	CP-256QAM	M	Outer_Full	57.75	60.000	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	64	66.500	PASS
N77-3700-3980	30	70	DFT-PI2BPSK	M	Outer_Full	64.244	66.640	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	64.229	66.220	PASS
N77-3700-3980	30	70	DFT-64QAM	M	Outer_Full	64.289	66.360	PASS



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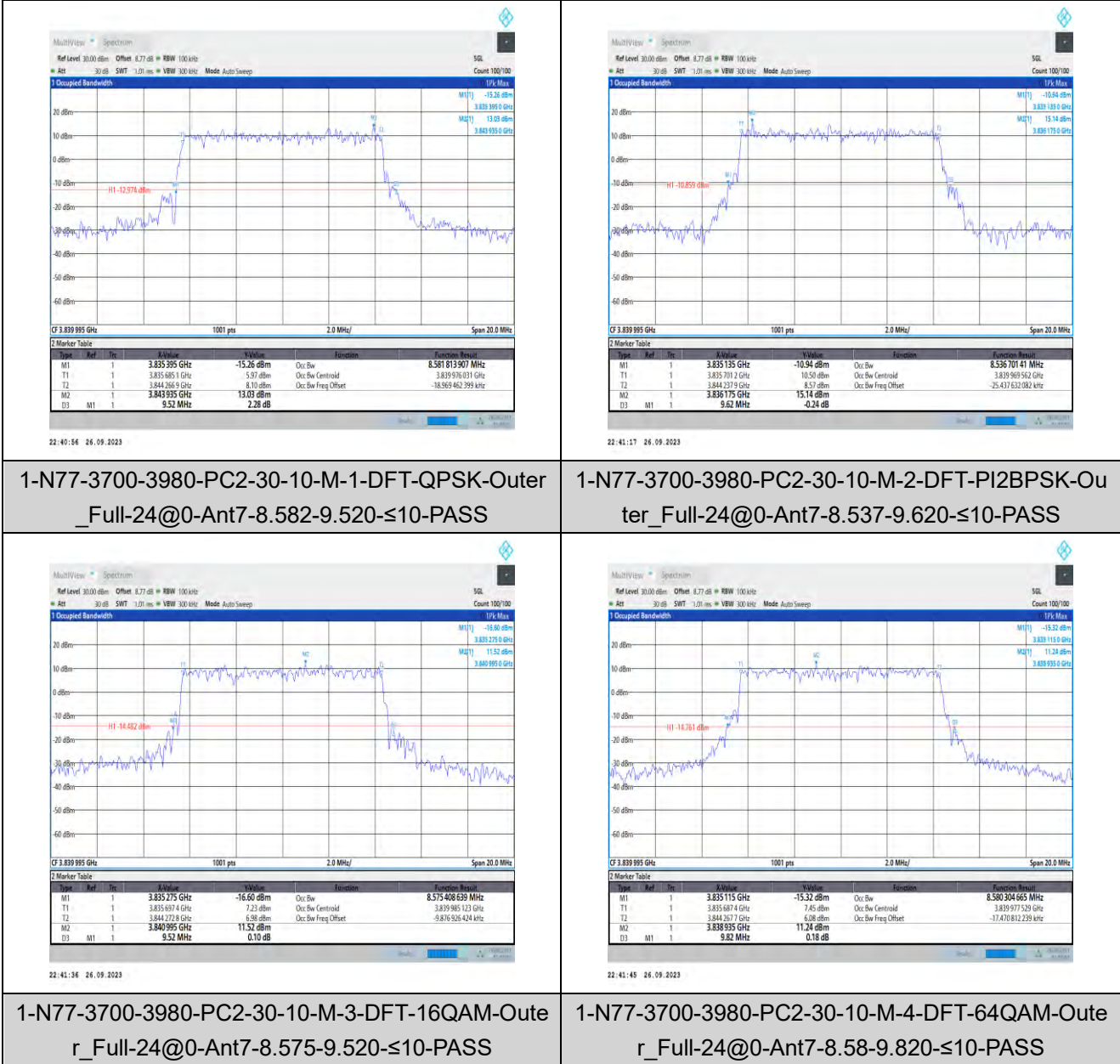
N77-3700-3980	30	70	DFT-256QAM	M	Outer_Full	64.3	66.220	PASS
N77-3700-3980	30	70	CP-QPSK	M	Outer_Full	67.469	70.000	PASS
N77-3700-3980	30	70	CP-16QAM	M	Outer_Full	67.309	69.580	PASS
N77-3700-3980	30	70	CP-64QAM	M	Outer_Full	67.539	70.000	PASS
N77-3700-3980	30	70	CP-256QAM	M	Outer_Full	67.316	69.580	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	77.198	80.640	PASS
N77-3700-3980	30	80	DFT-PI2BPSK	M	Outer_Full	77.125	80.320	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	77.115	80.160	PASS
N77-3700-3980	30	80	DFT-64QAM	M	Outer_Full	77.19	80.320	PASS
N77-3700-3980	30	80	DFT-256QAM	M	Outer_Full	77.018	80.160	PASS
N77-3700-3980	30	80	CP-QPSK	M	Outer_Full	77.515	80.960	PASS
N77-3700-3980	30	80	CP-16QAM	M	Outer_Full	77.563	80.640	PASS
N77-3700-3980	30	80	CP-64QAM	M	Outer_Full	77.508	80.480	PASS
N77-3700-3980	30	80	CP-256QAM	M	Outer_Full	77.443	80.640	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	85.679	88.920	PASS
N77-3700-3980	30	90	DFT-PI2BPSK	M	Outer_Full	85.527	89.280	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	85.749	89.280	PASS
N77-3700-3980	30	90	DFT-64QAM	M	Outer_Full	85.676	89.100	PASS
N77-3700-3980	30	90	DFT-256QAM	M	Outer_Full	85.468	89.100	PASS
N77-3700-3980	30	90	CP-QPSK	M	Outer_Full	87.629	90.720	PASS
N77-3700-3980	30	90	CP-16QAM	M	Outer_Full	87.191	90.900	PASS
N77-3700-3980	30	90	CP-64QAM	M	Outer_Full	87.453	91.080	PASS
N77-3700-3980	30	90	CP-256QAM	M	Outer_Full	87.417	90.540	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	96.227	99.800	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	96.236	99.800	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	96.333	99.800	PASS
N77-3700-3980	30	100	DFT-64QAM	M	Outer_Full	96.542	100.000	PASS
N77-3700-3980	30	100	DFT-256QAM	M	Outer_Full	96.479	99.800	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	97.127	100.800	PASS
N77-3700-3980	30	100	CP-16QAM	M	Outer_Full	97.432	101.000	PASS
N77-3700-3980	30	100	CP-64QAM	M	Outer_Full	97.367	100.800	PASS
N77-3700-3980	30	100	CP-256QAM	M	Outer_Full	97.516	100.800	PASS



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Test Graphs



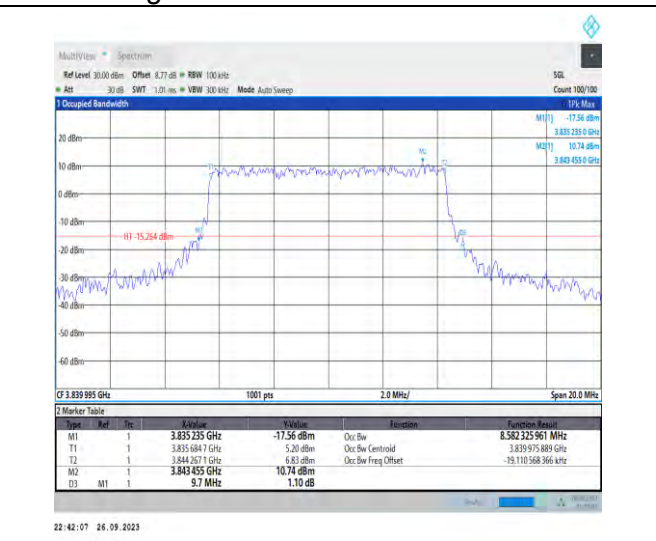
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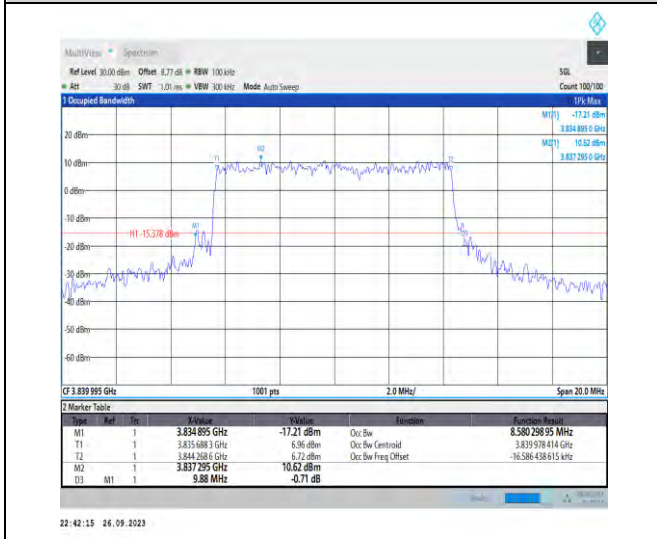
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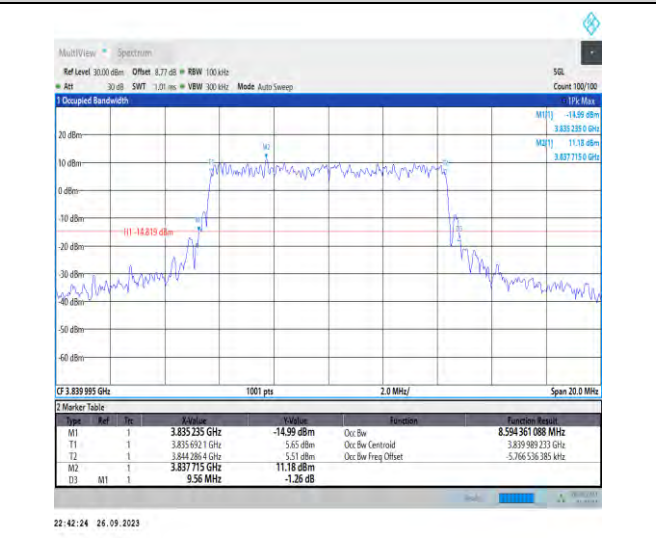
1-N77-3700-3980-PC2-30-10-M-5-DFT-256QAM-Out  
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1-N77-3700-3980-PC2-30-10-M-6-CP-QPSK-Outer  
 Full-24@0-Ant7-8.582-9.700-≤10-PASS



1-N77-3700-3980-PC2-30-10-M-7-CP-16QAM-Outer  
 \_Full-24@0-Ant7-8.58-9.880-≤10-PASS



1-N77-3700-3980-PC2-30-10-M-8-CP-64QAM-Outer  
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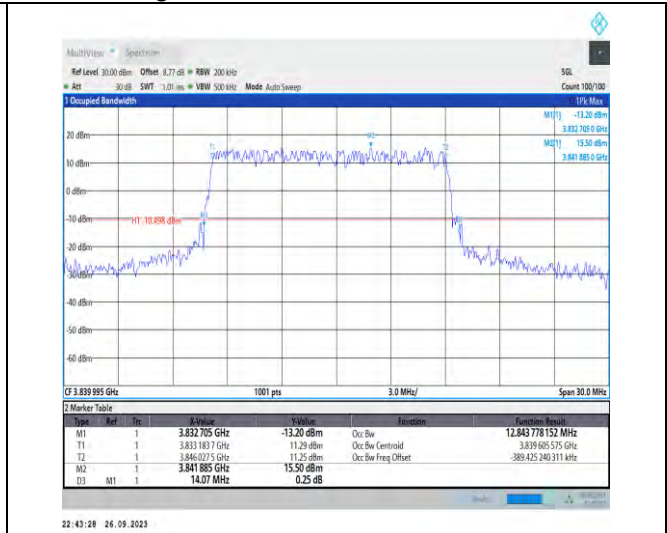


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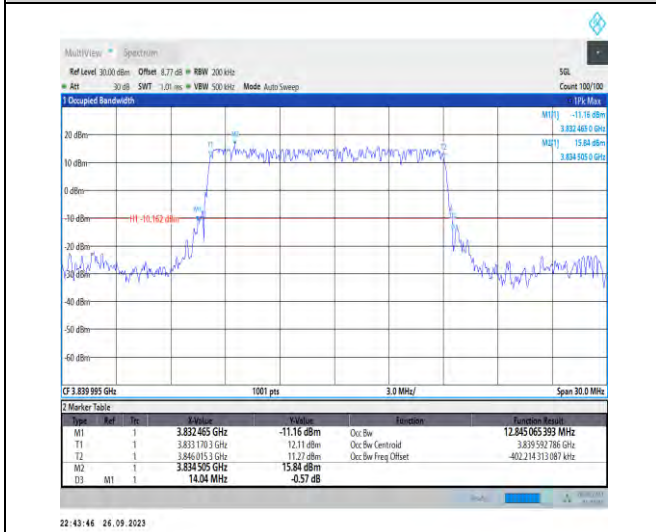
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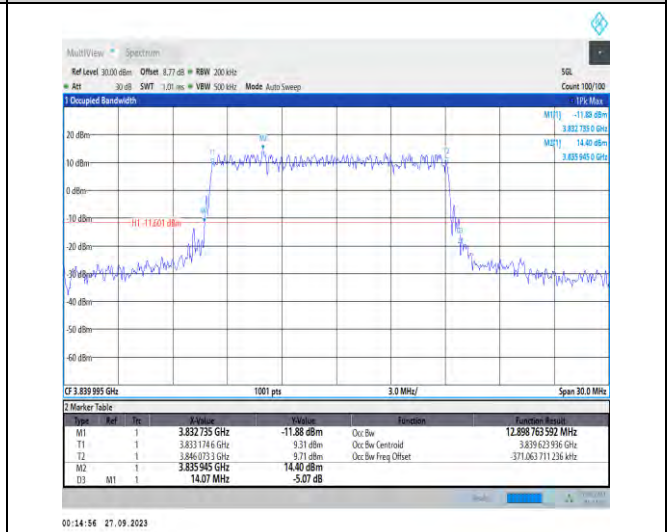
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1-N77-3700-3980-PC2-30-15-M-1-DFT-QPSK-Outer\_Full-36@0-Ant7-12.844-14.070-≤15-PASS



1-N77-3700-3980-PC2-30-15-M-2-DFT-PI2BPSK-Outer\_Full-36@0-Ant7-12.845-14.040-≤15-PASS



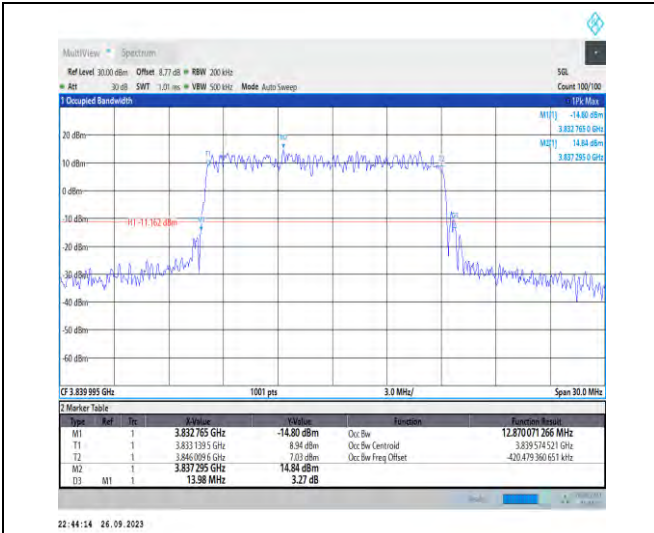
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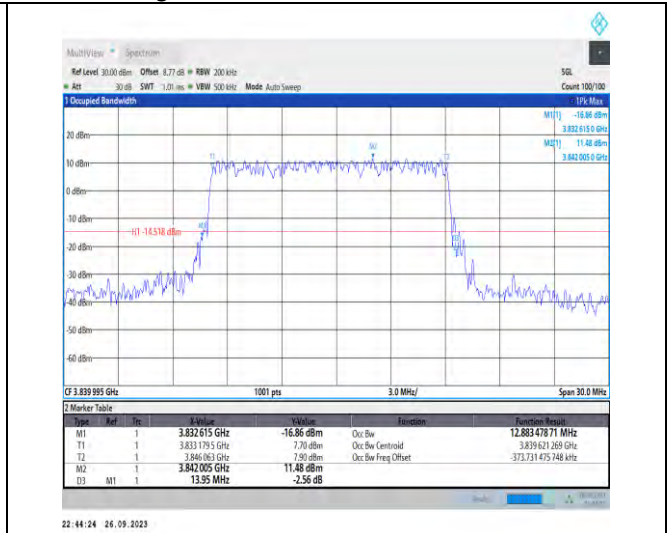
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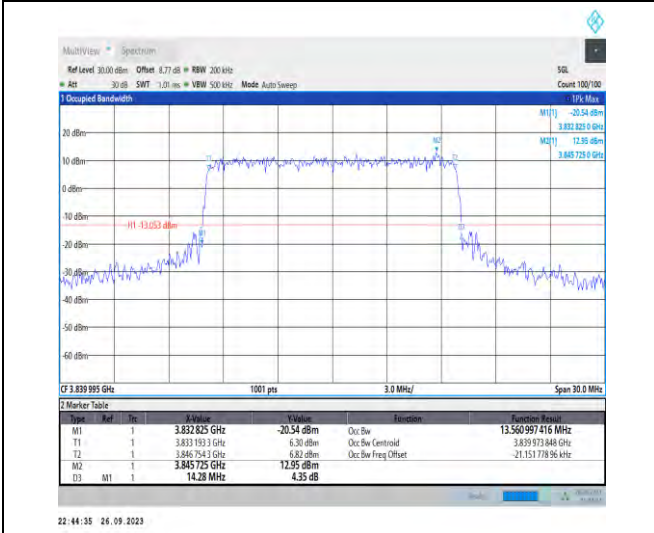
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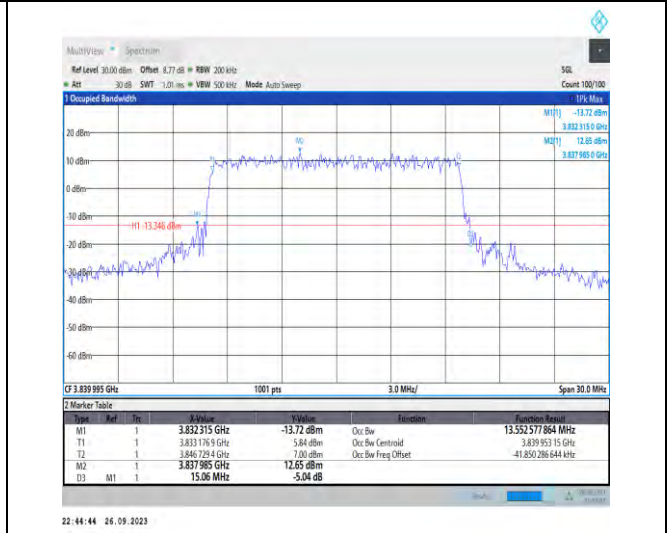
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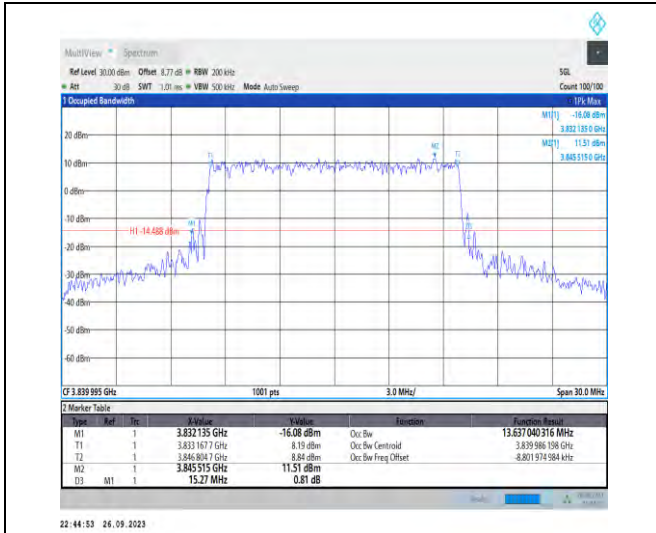


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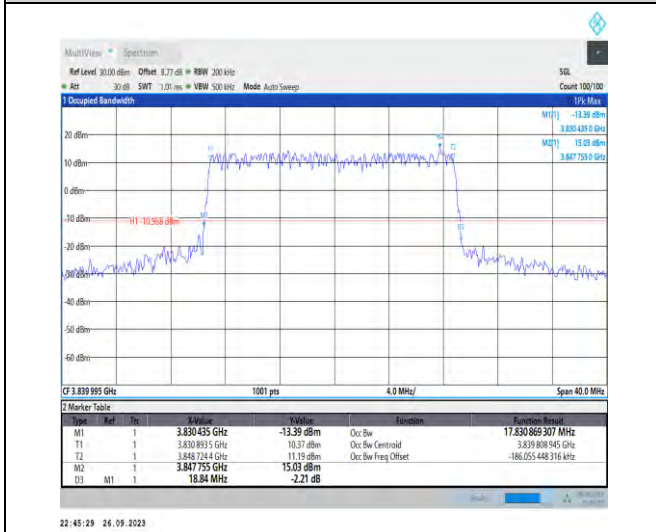
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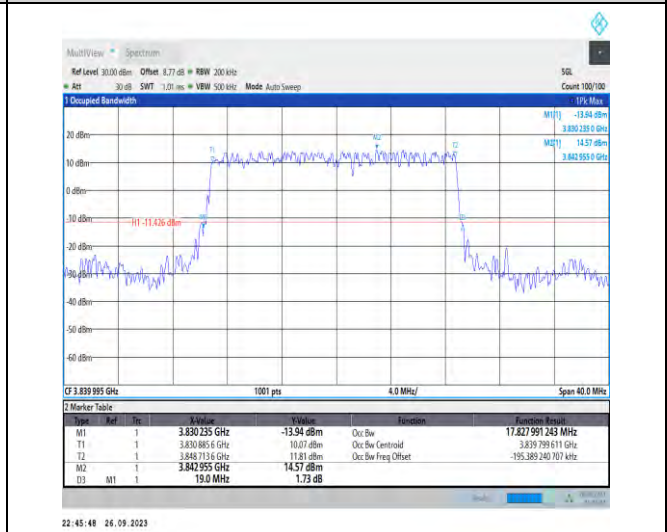
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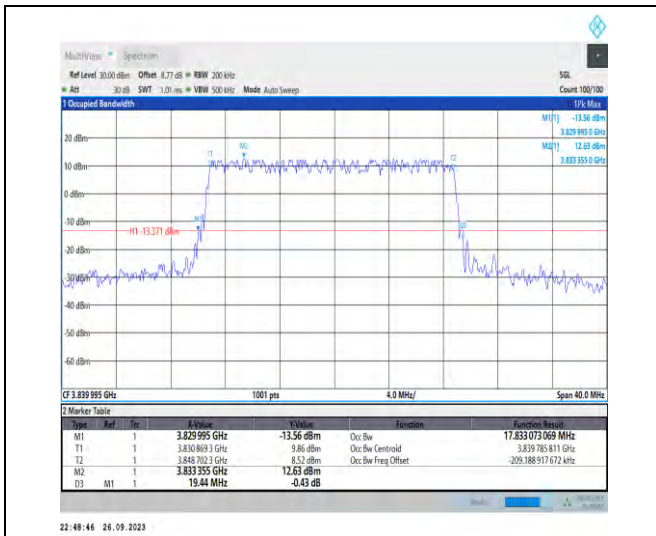


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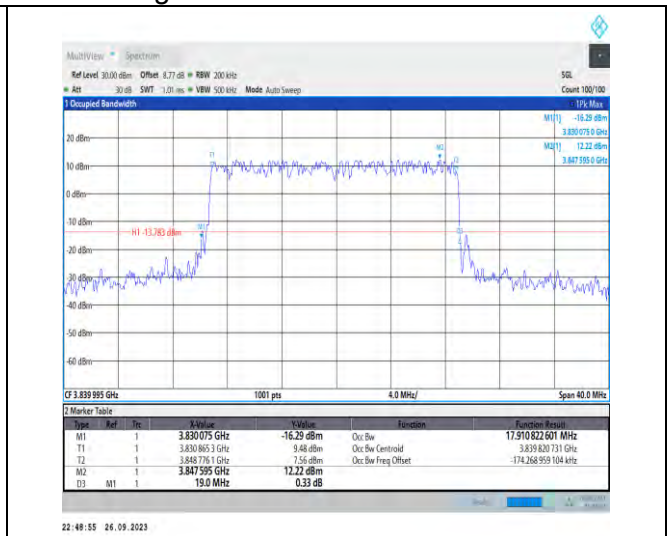


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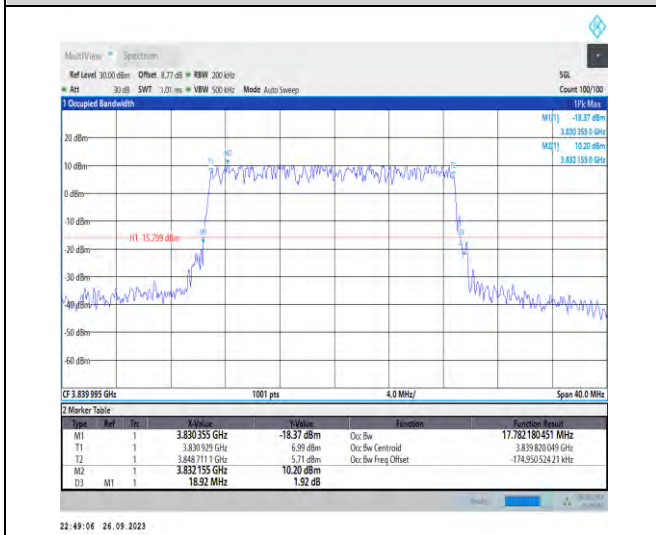
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1-N77-3700-3980-PC2-30-20-M-3-DFT-16QAM-Outer\_Full-50@0-Ant7-17.833-19.440-≤20-PASS



1-N77-3700-3980-PC2-30-20-M-4-DFT-64QAM-Outer\_Full-50@0-Ant7-17.911-19.000-≤20-PASS



1-N77-3700-3980-PC2-30-20-M-5-DFT-256QAM-Outer\_Full-50@0-Ant7-17.782-18.920-≤20-PASS



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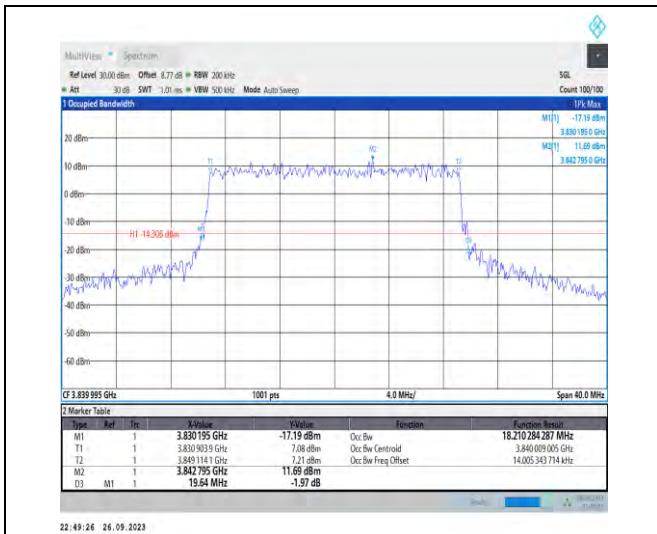


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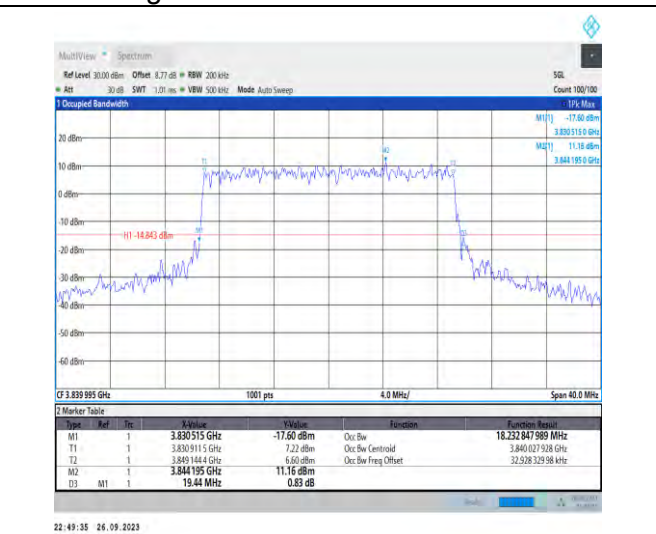
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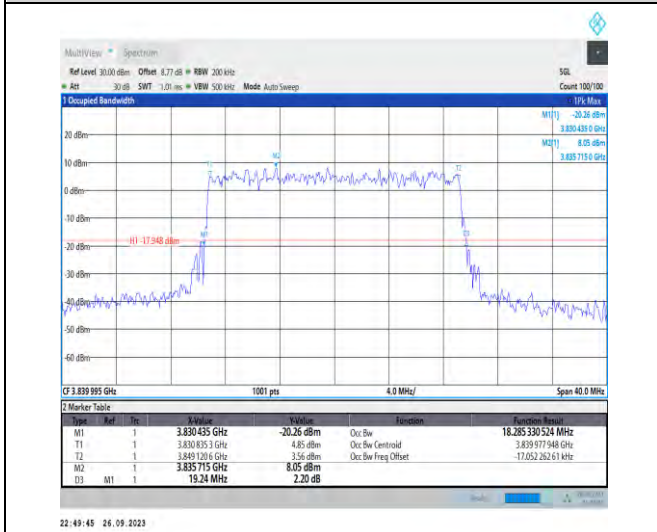




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1-N77-3700-3980-PC2-30-20-M-9-CP-256QAM-Outer\_Full-51@0-Ant7-18.285-19.240-≤20-PASS



1-N77-3700-3980-PC2-30-30-M-1-DFT-QPSK-Outer\_Full-75@0-Ant7-26.733-28.380-≤30-PASS



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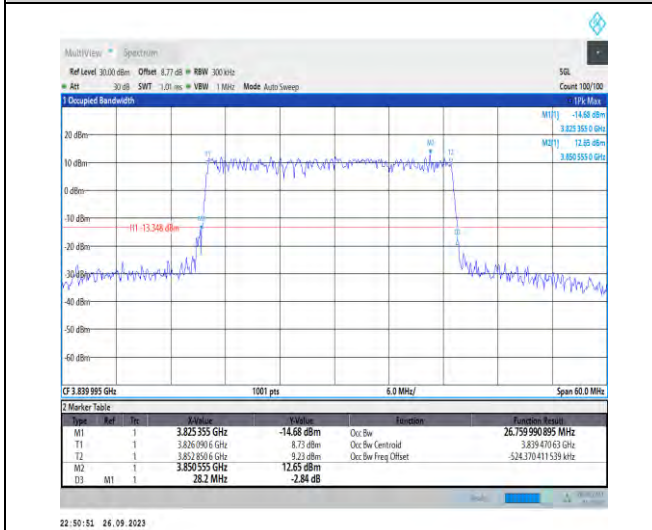
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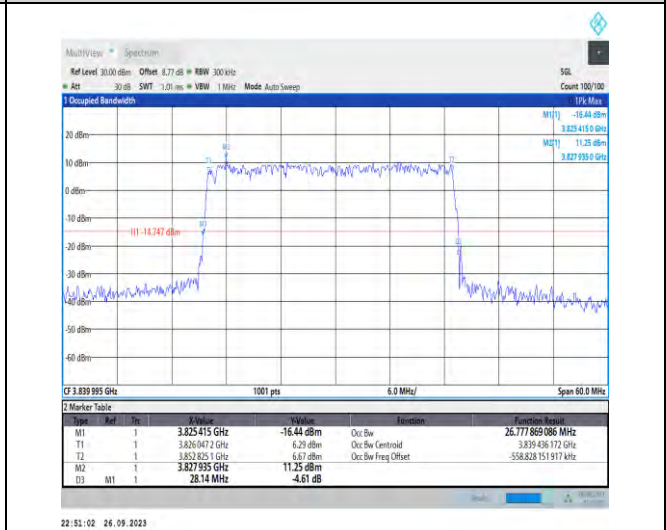
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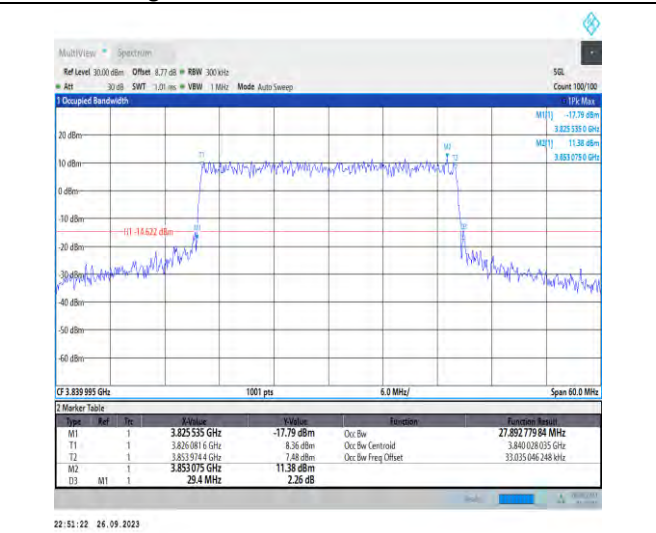
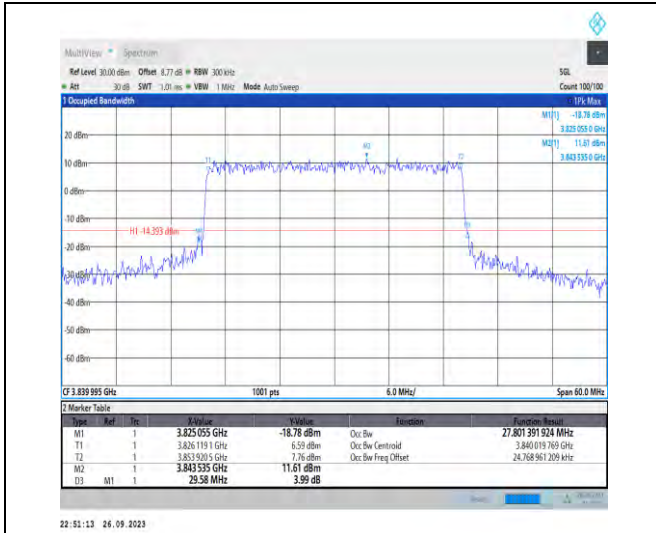


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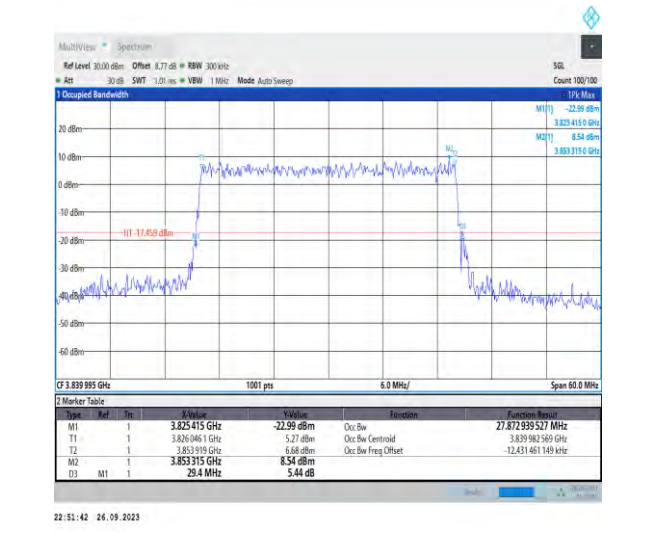
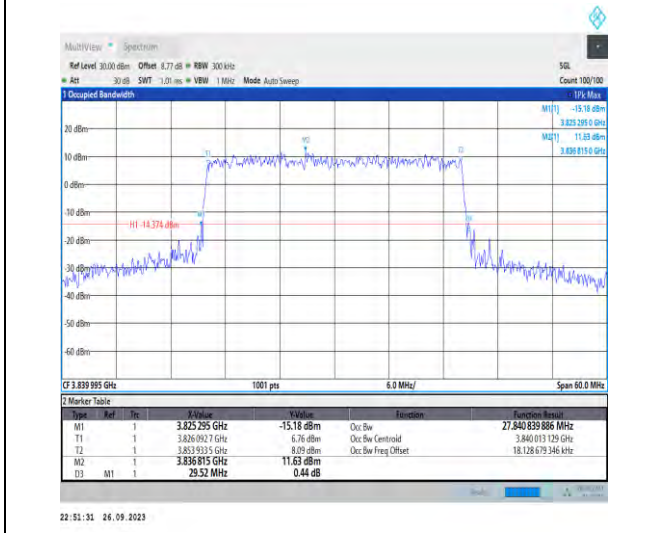
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1-N77-3700-3980-PC2-30-30-M-7-CP-16QAM-Outer\_Full-78@0-Ant7-27.893-29.400-≤30-PASS



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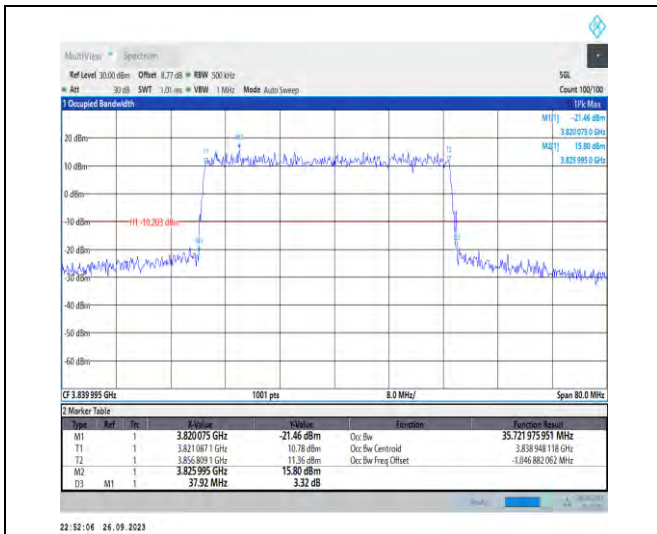
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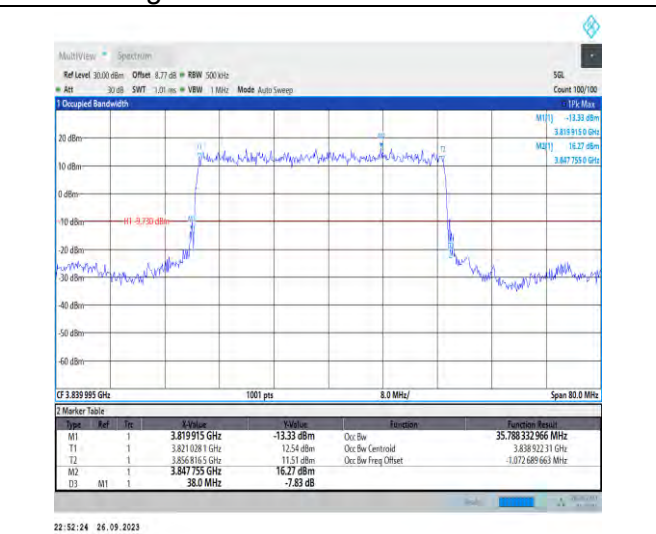
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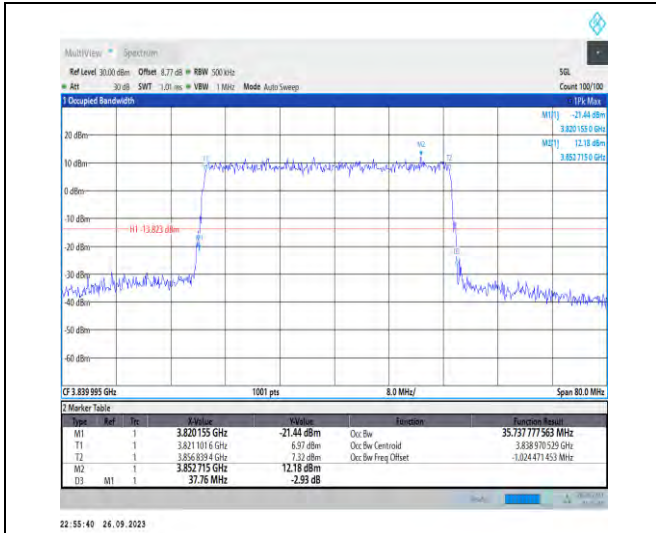


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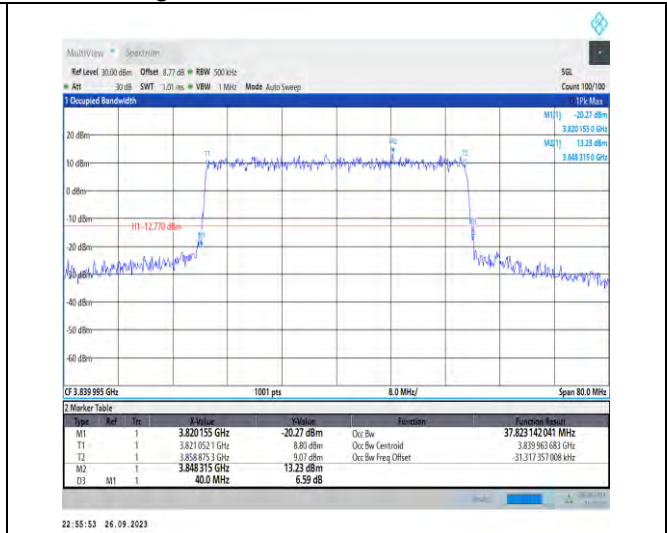


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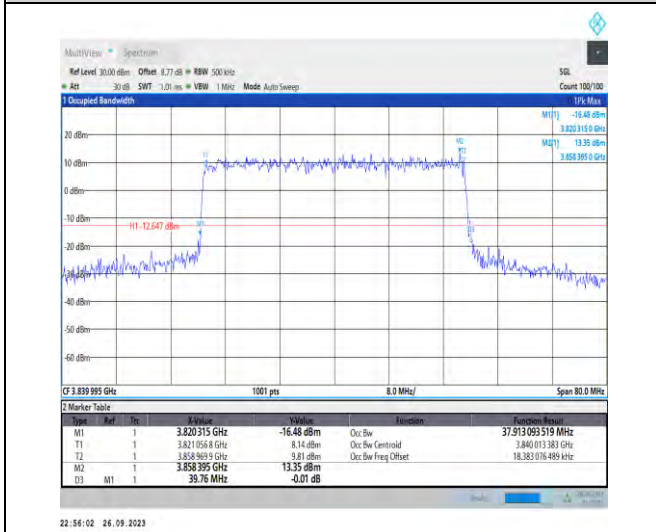
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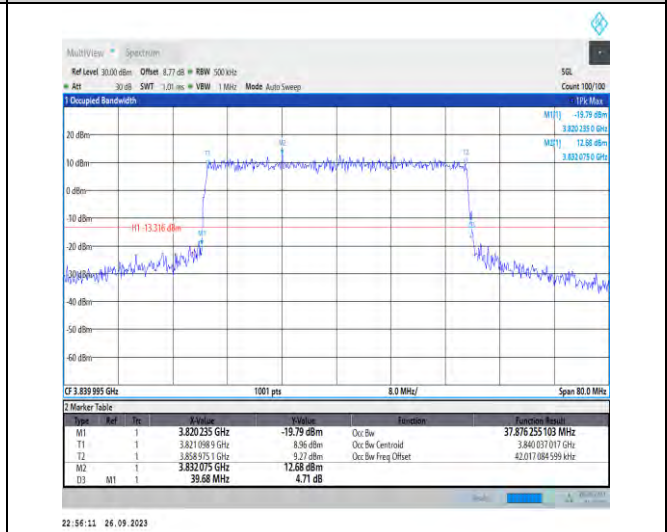
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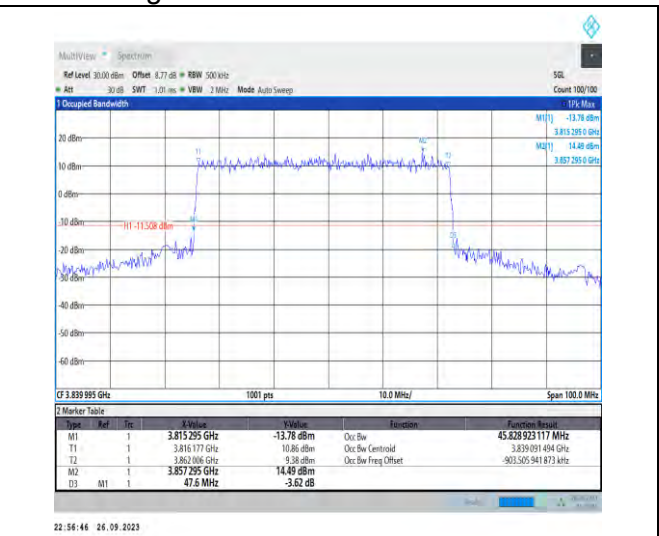
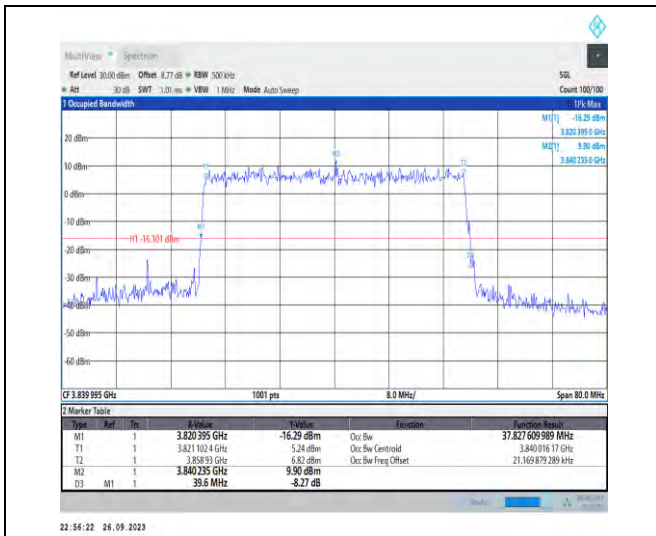


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\_Full-106@0-Ant7-37.876-39.680-≤40-PASS



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1-N77-3700-3980-PC2-30-40-M-9-CP-256QAM-Out er\_Full-106@0-Ant7-37.828-39.600-≤40-PASS

1-N77-3700-3980-PC2-30-50-M-1-DFT-QPSK-Outer\_Full-128@0-Ant7-45.829-47.600-≤50-PASS



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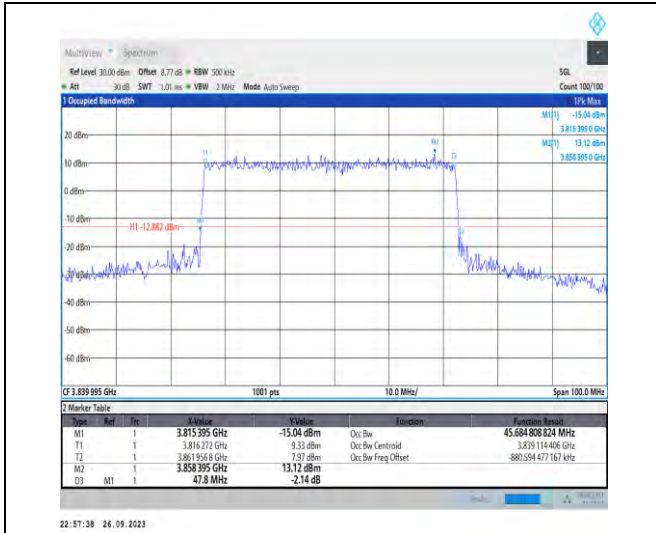
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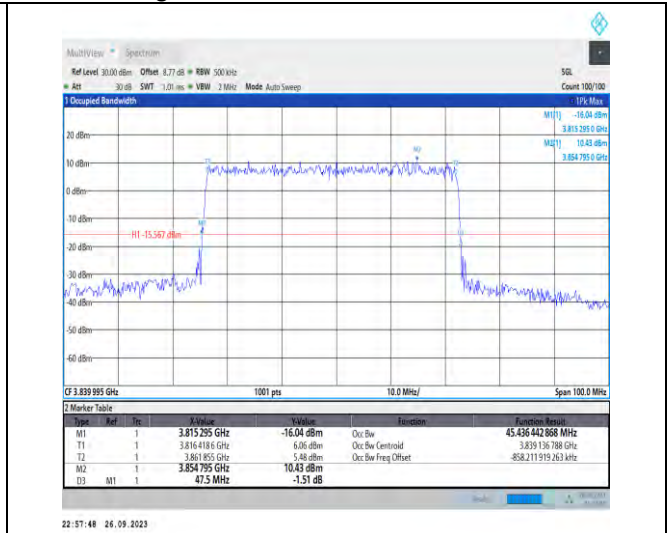
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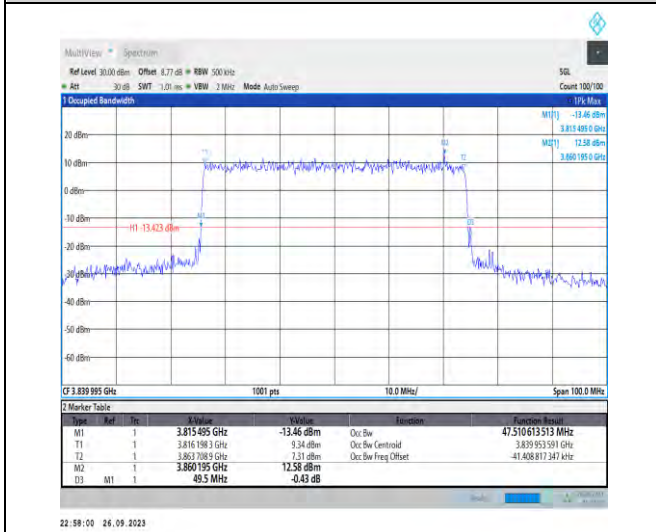
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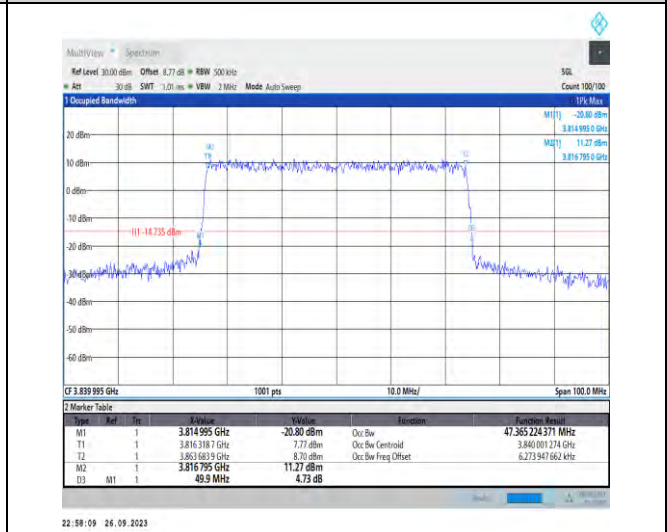
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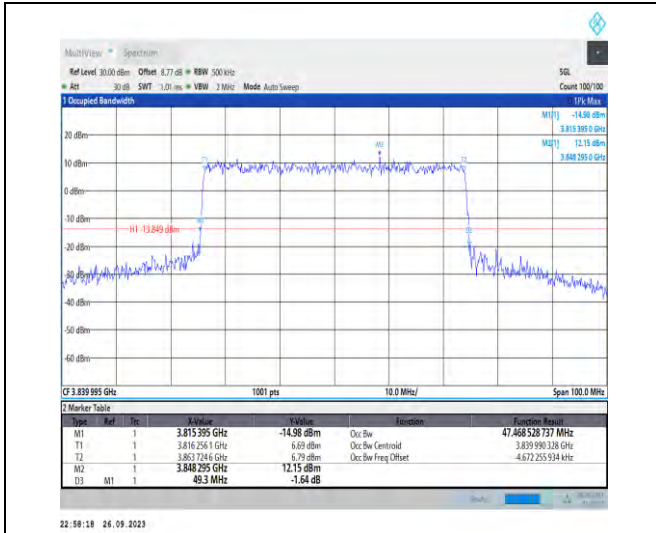


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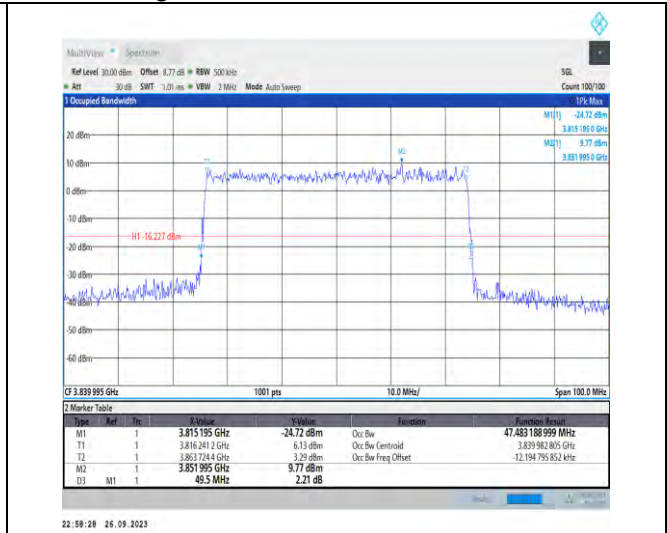


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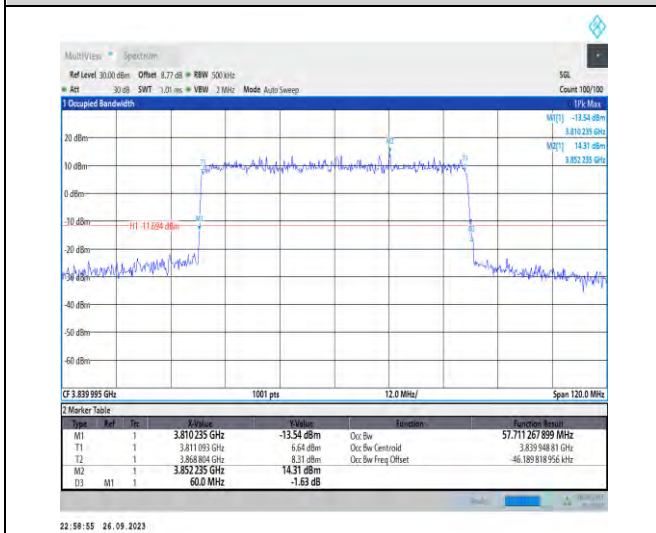
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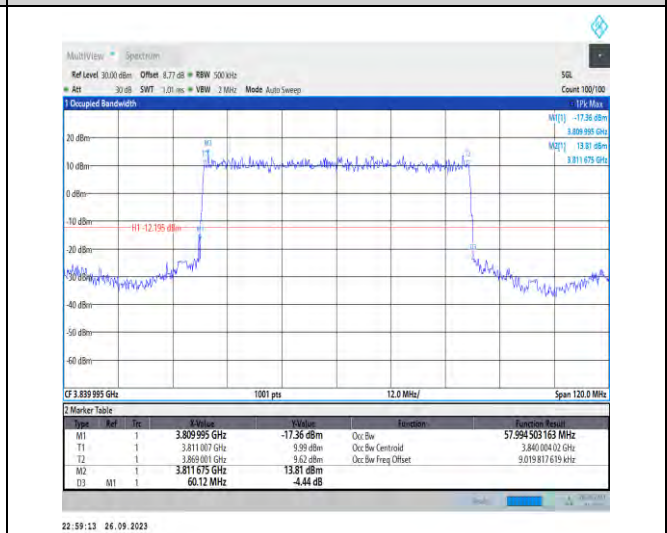
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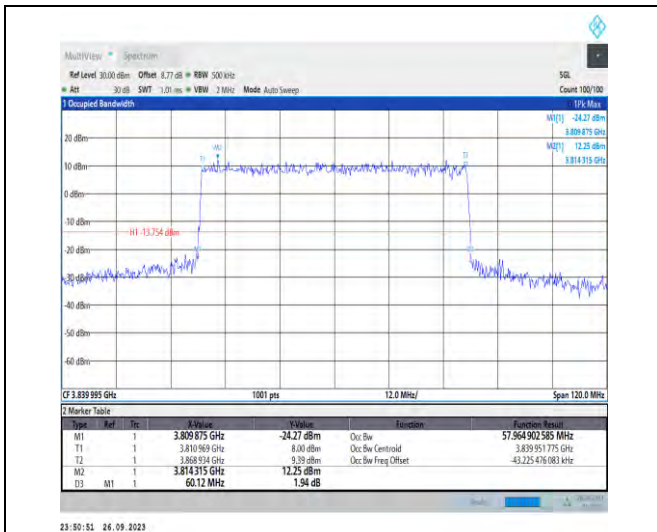
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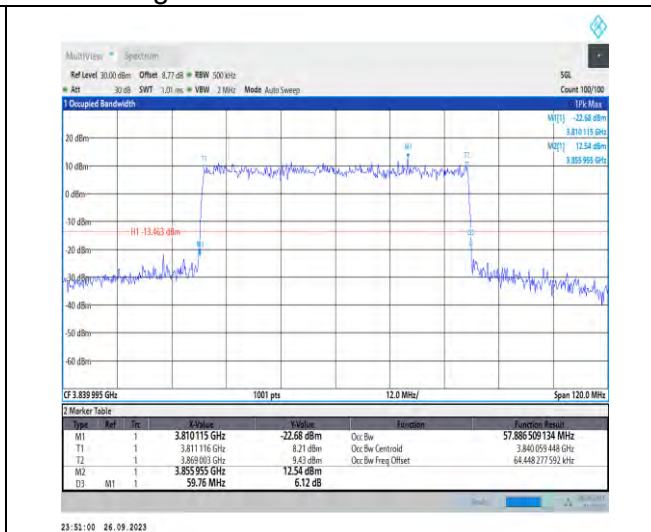
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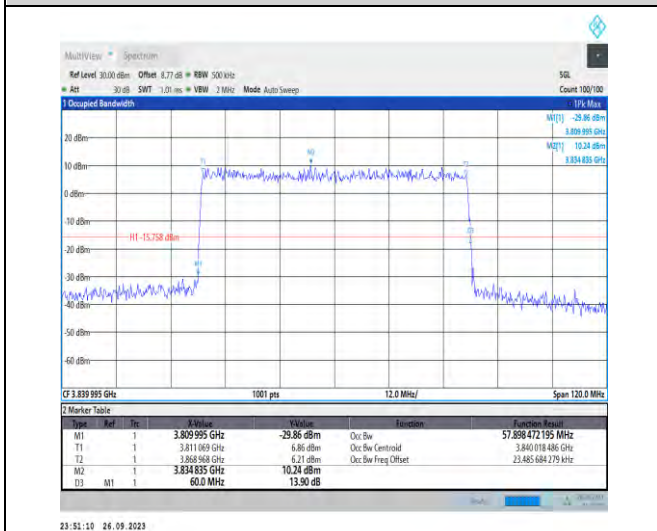




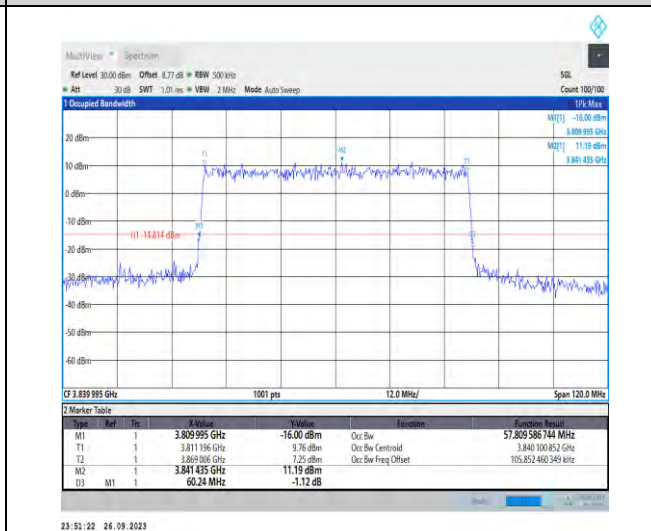
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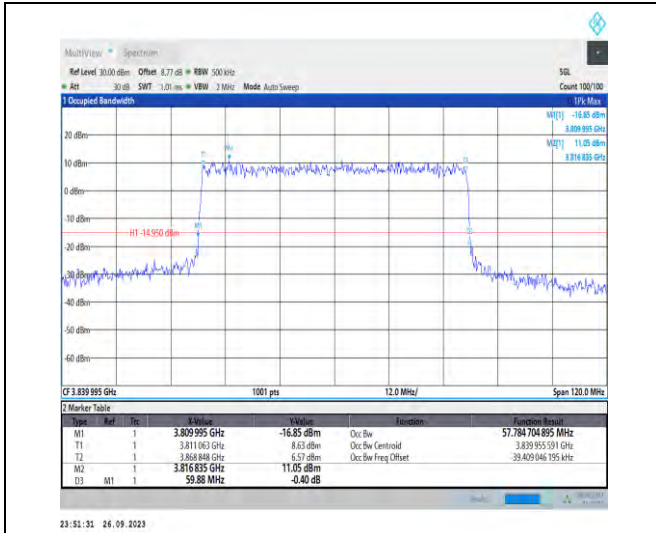


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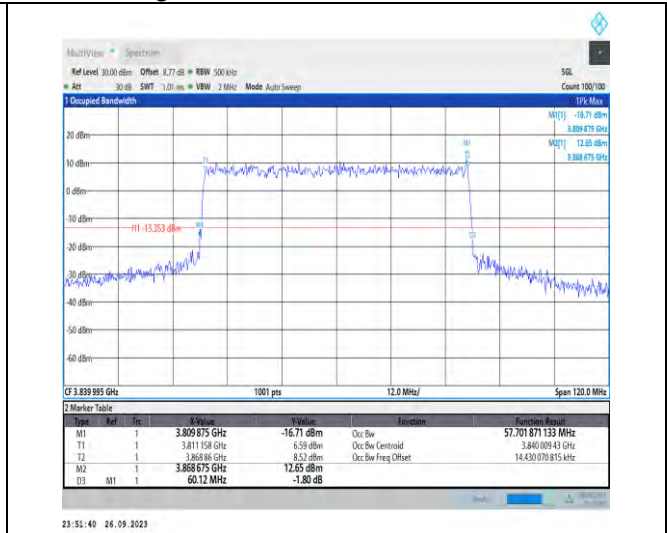


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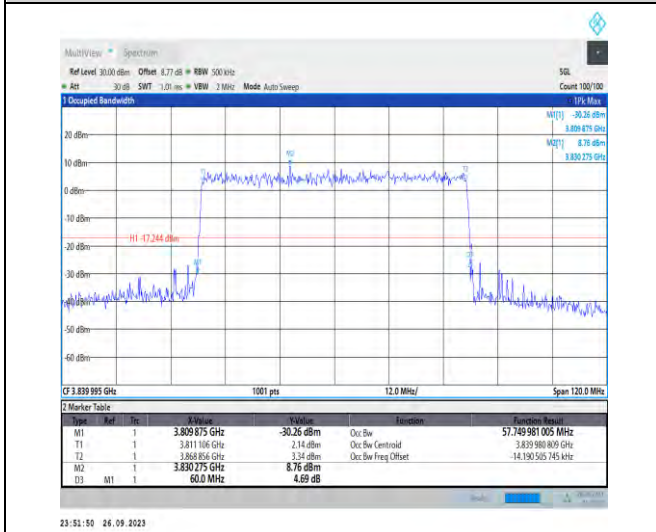
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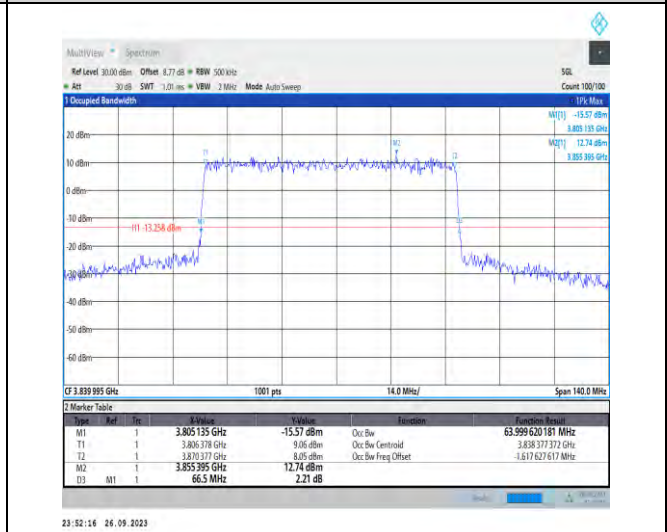
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1-N77-3700-3980-PC2-30-60-M-9-CP-256QAM-Outer\_Full-162@0-Ant7-57.75-60.000-≤60-PASS



1-N77-3700-3980-PC2-30-70-M-1-DFT-QPSK-Outer\_Full-180@0-Ant7-64-66.500-≤70-PASS



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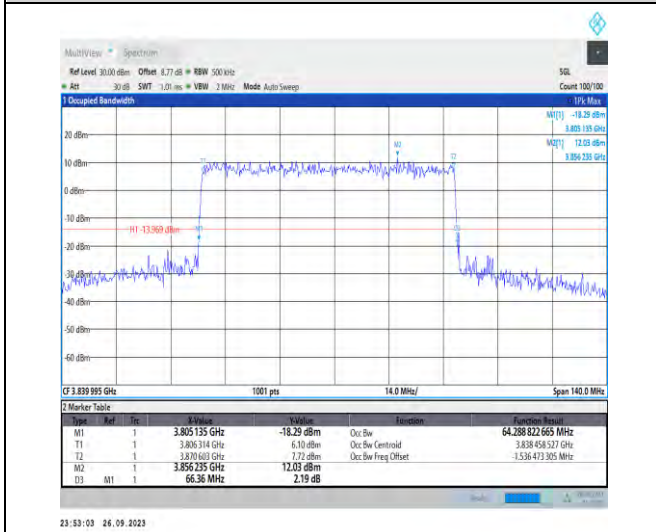
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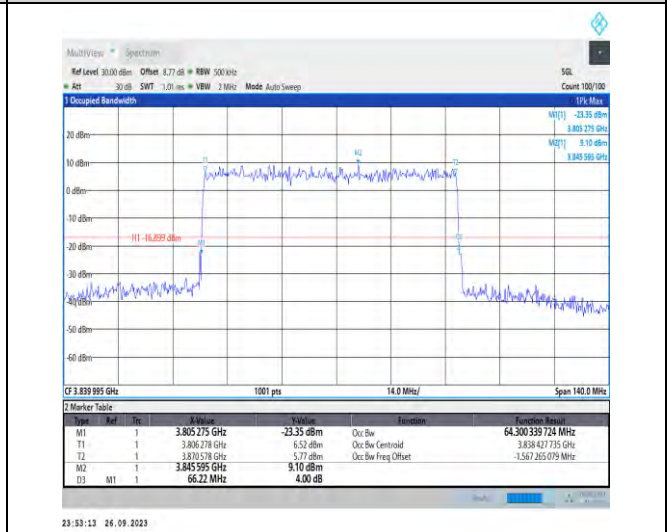
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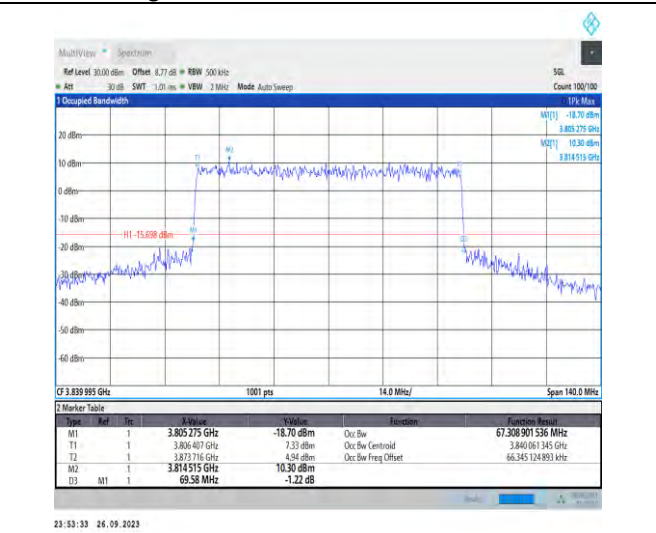
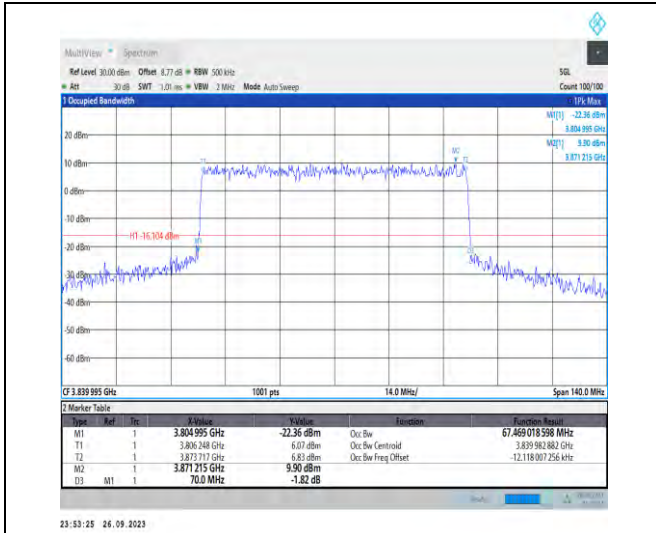


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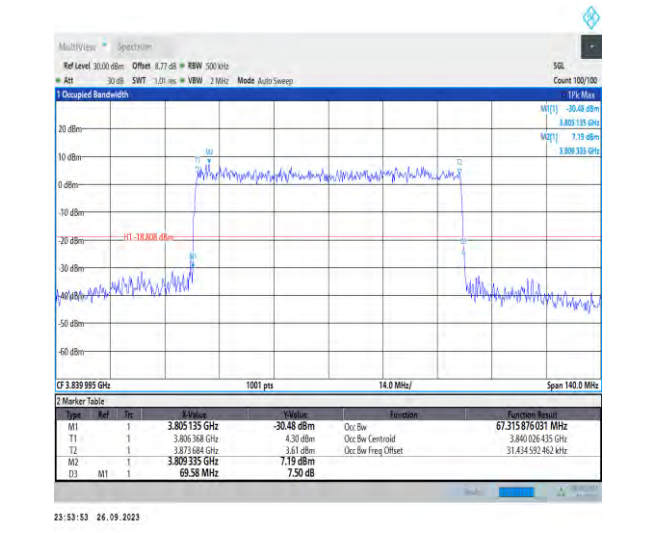
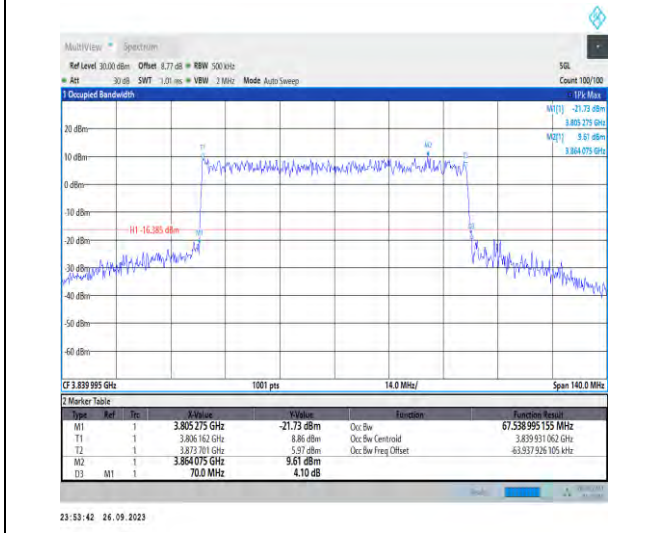
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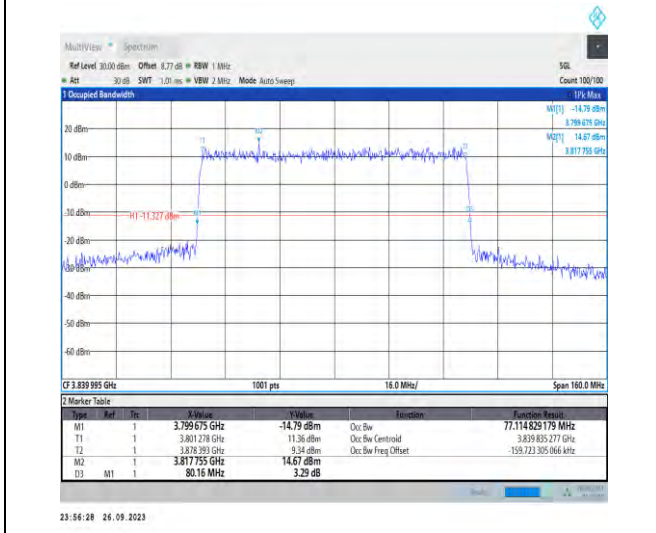
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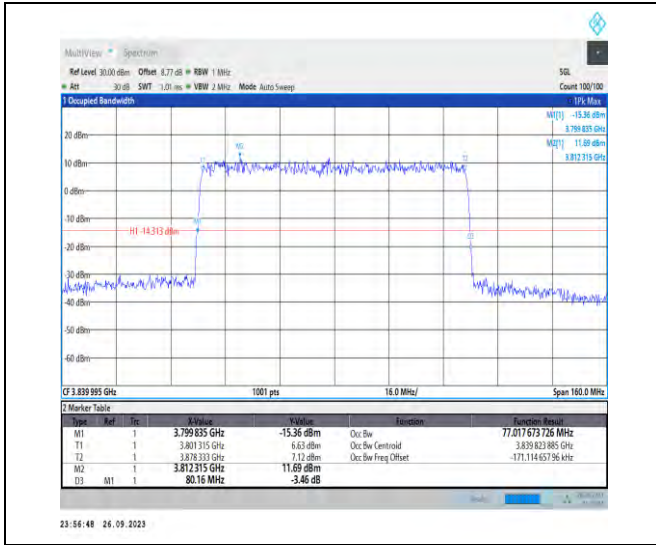
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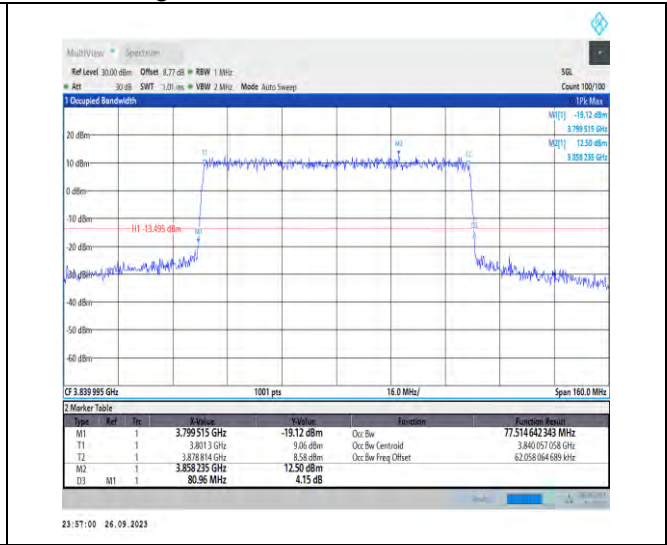


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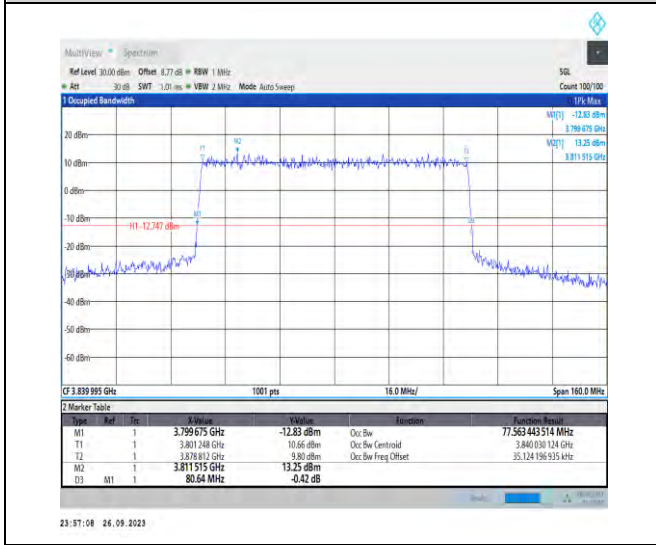
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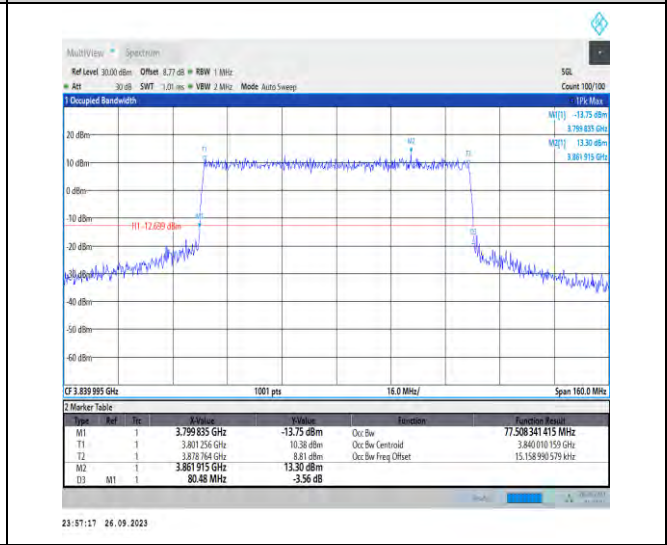
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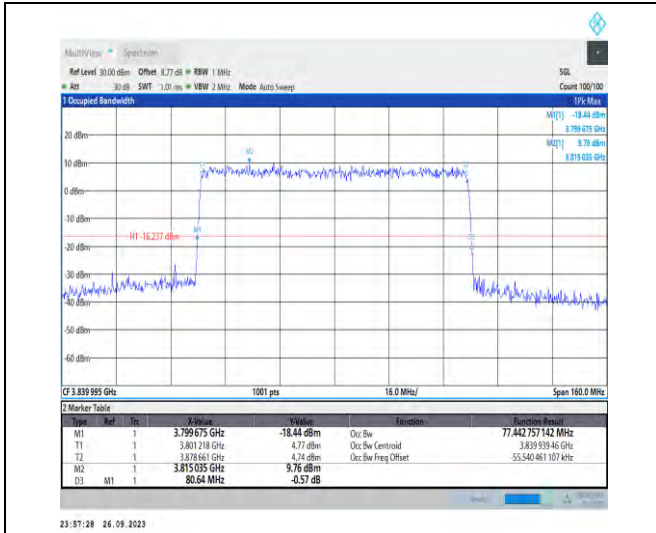


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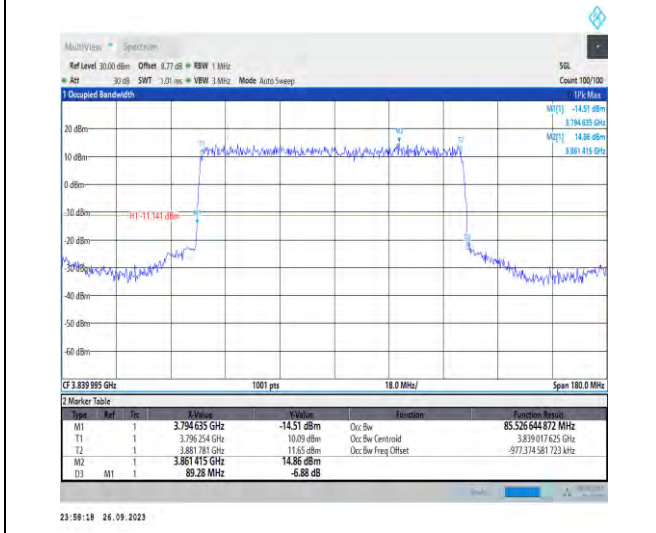
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1-N77-3700-3980-PC2-30-80-M-9-CP-256QAM-Out er\_Full-217@0-Ant7-77.443-80.640-≤80-PASS

1-N77-3700-3980-PC2-30-90-M-1-DFT-QPSK-Outer\_Full-240@0-Ant7-85.679-88.920-≤90-PASS



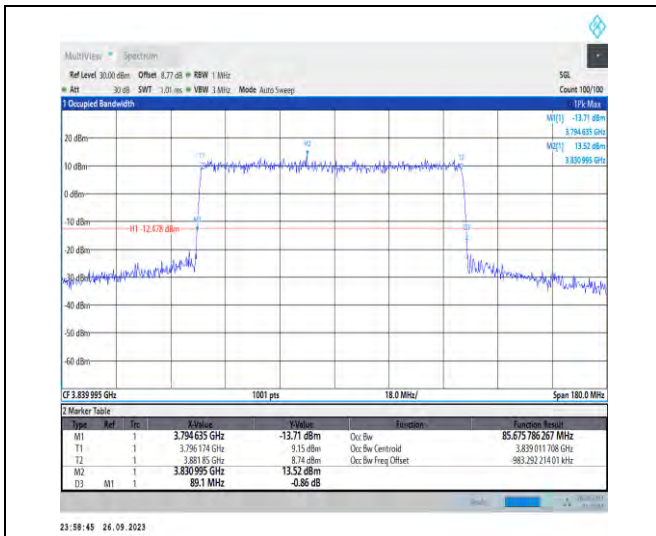
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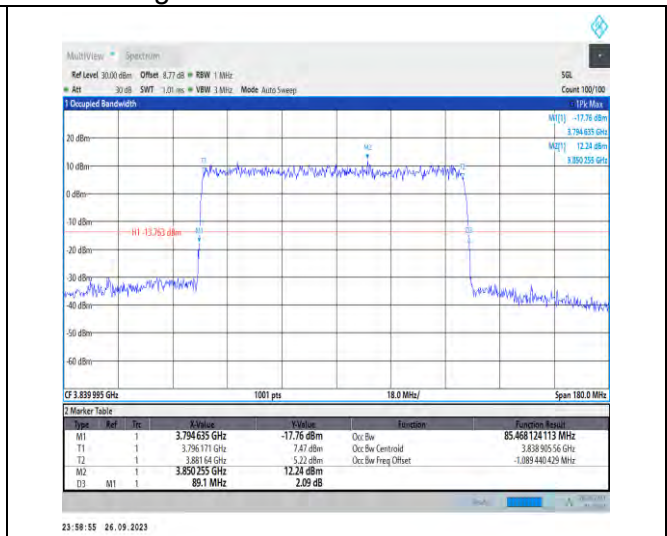


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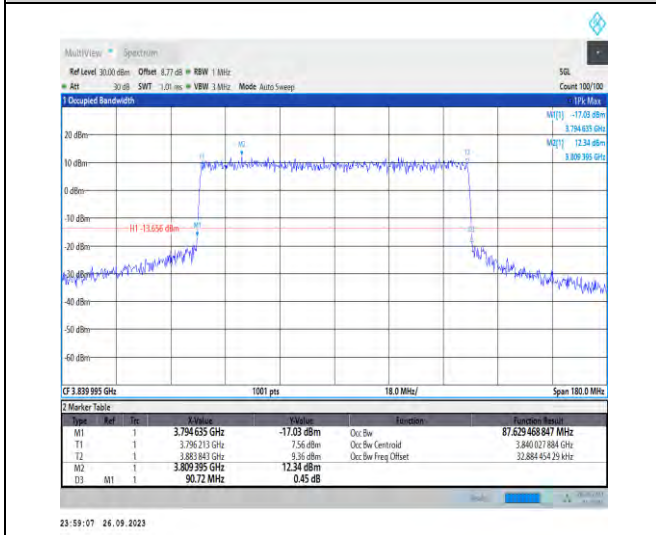
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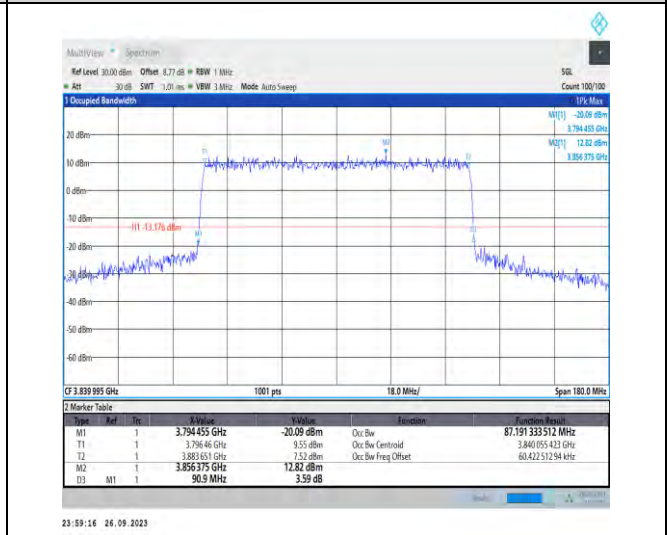
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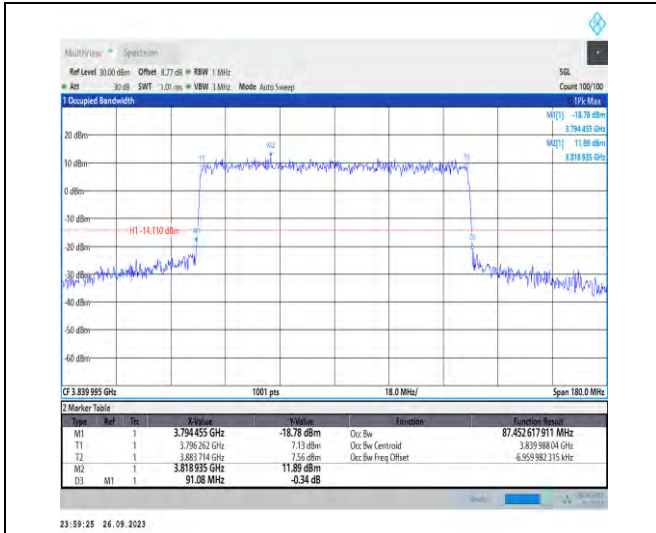
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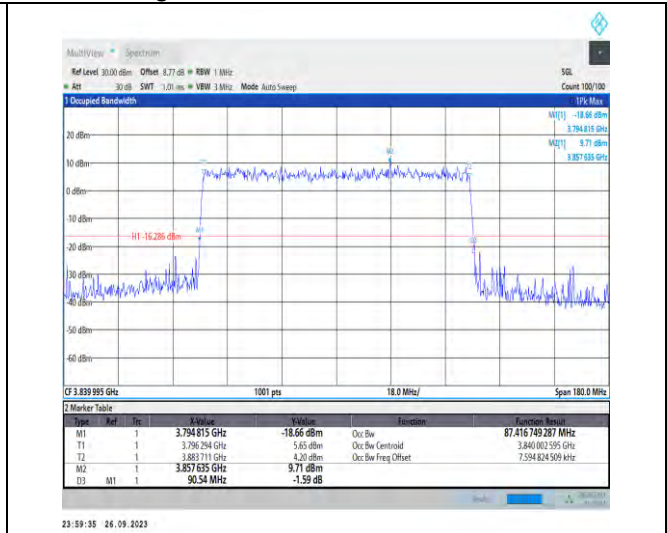
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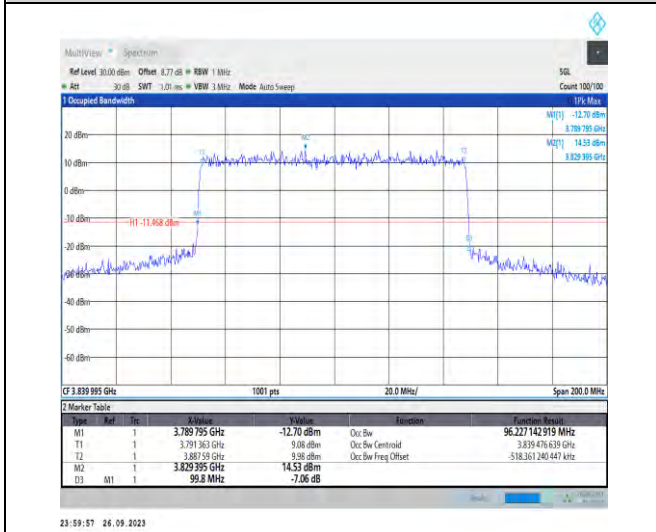




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1-N77-3700-3980-PC2-30-90-M-9-CP-256QAM-Outer\_Full-245@0-Ant7-87.417-90.540-≤90-PASS



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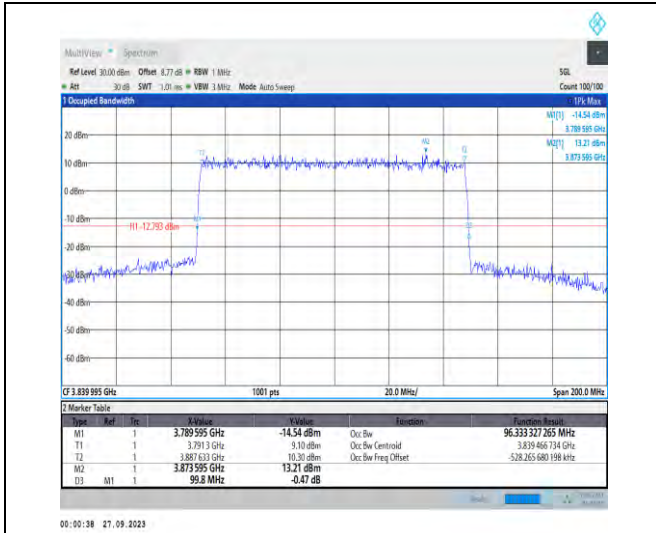


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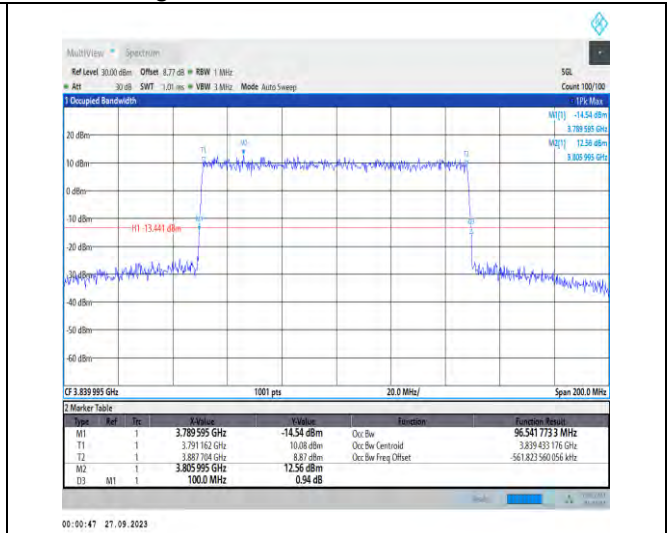


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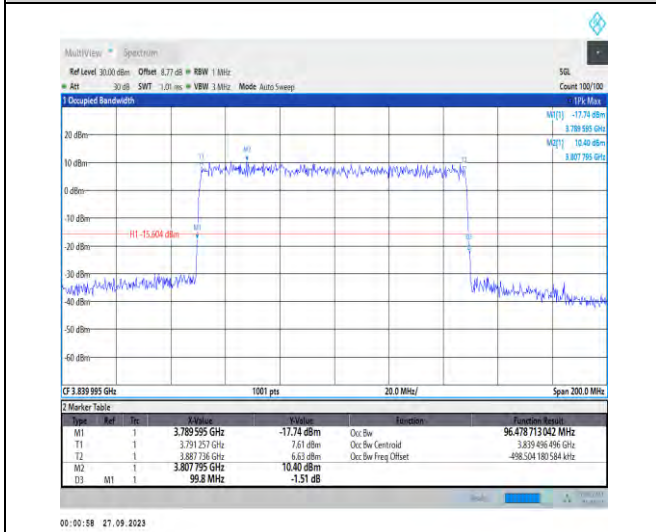
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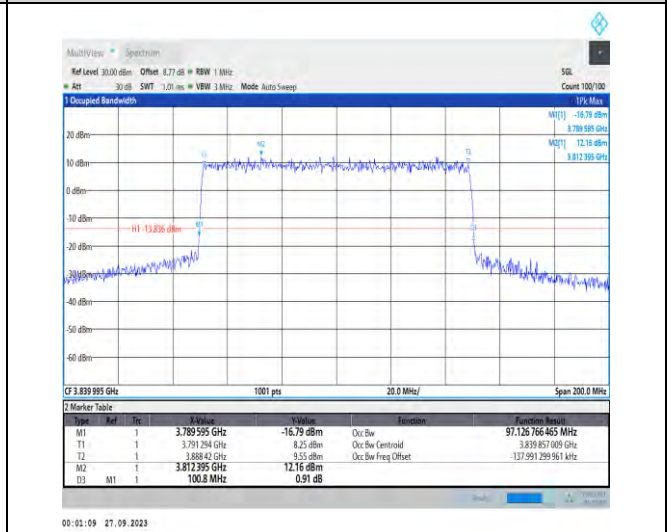
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1-N77-3700-3980-PC2-30-100-M-4-DFT-64QAM-Out  
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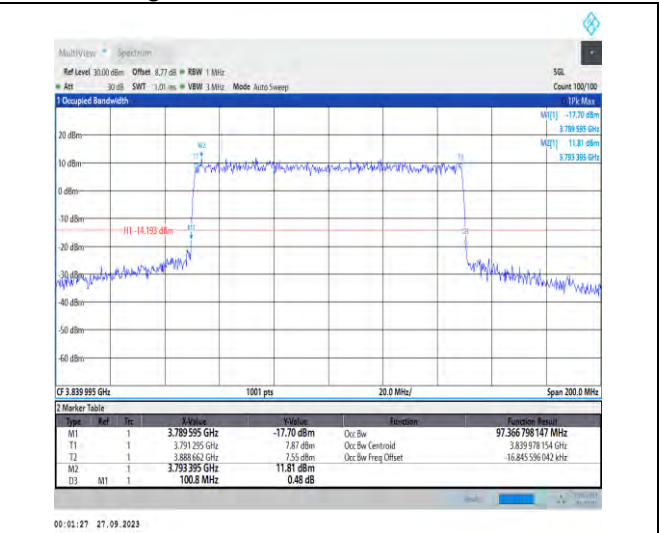
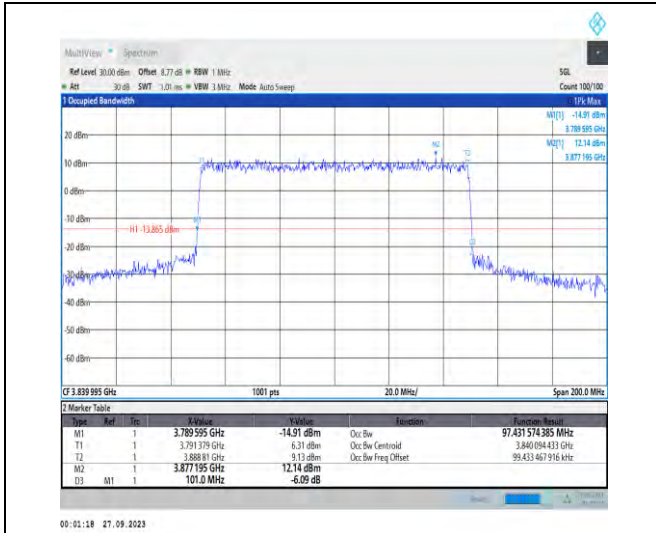


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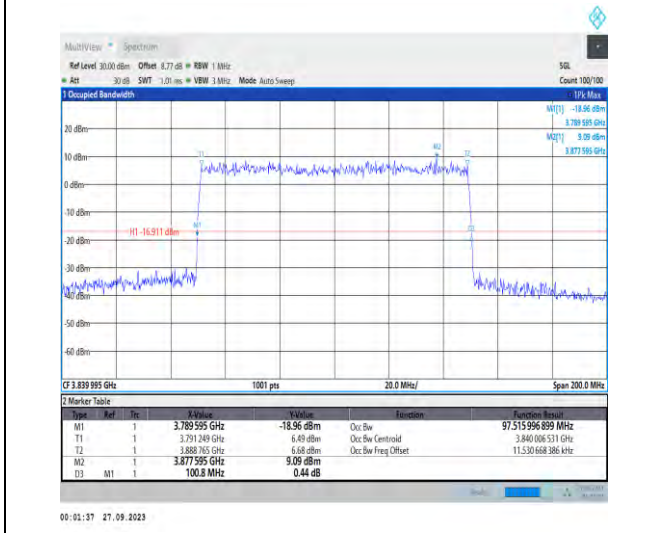
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1-N77-3700-3980-PC2-30-100-M-8-CP-64QAM-Outer  
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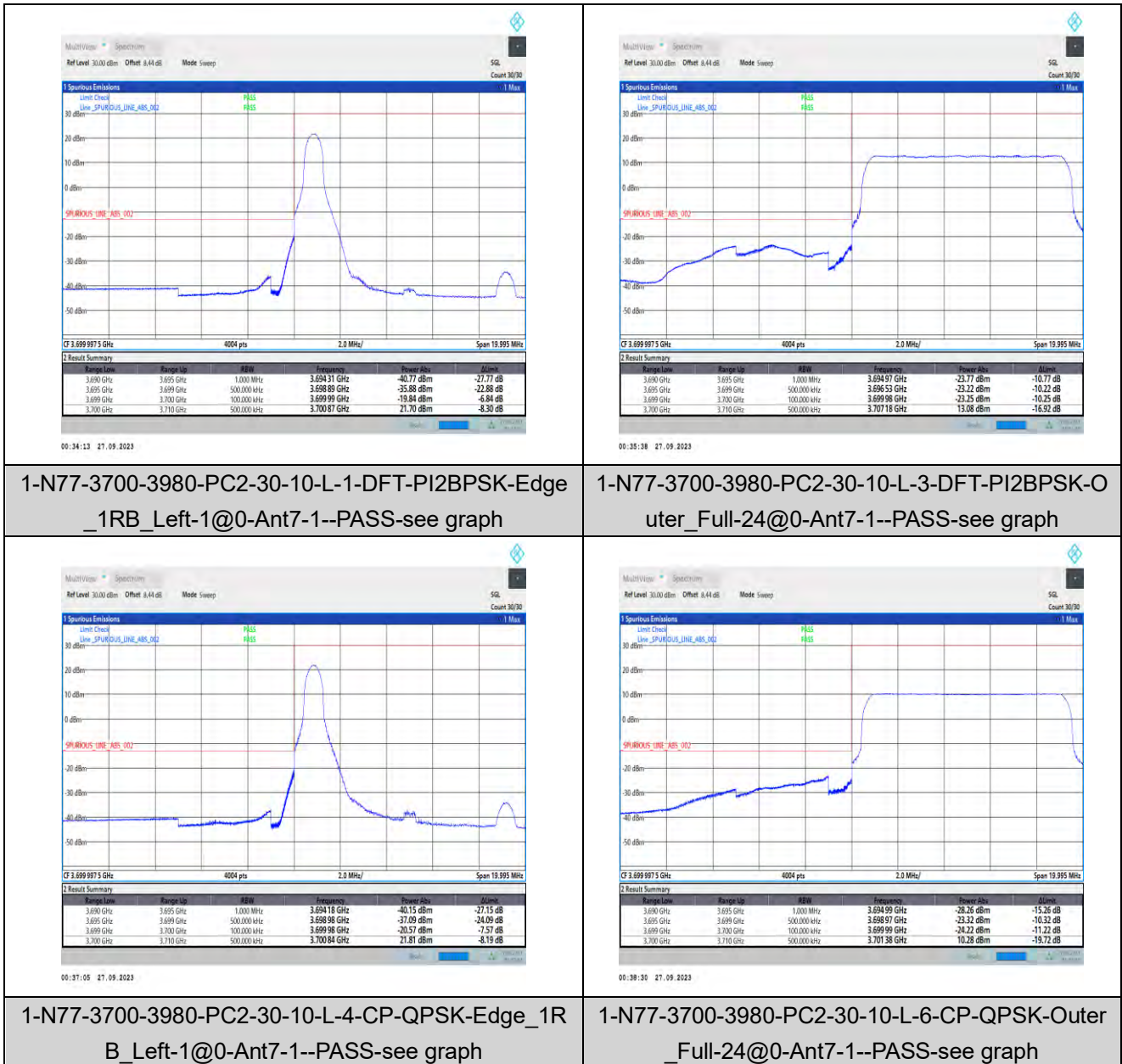


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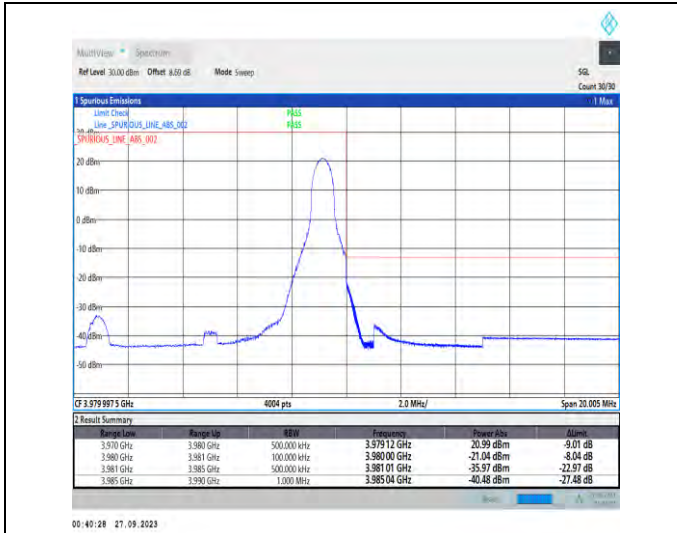
## Band Edge for SA

### Test Graphs



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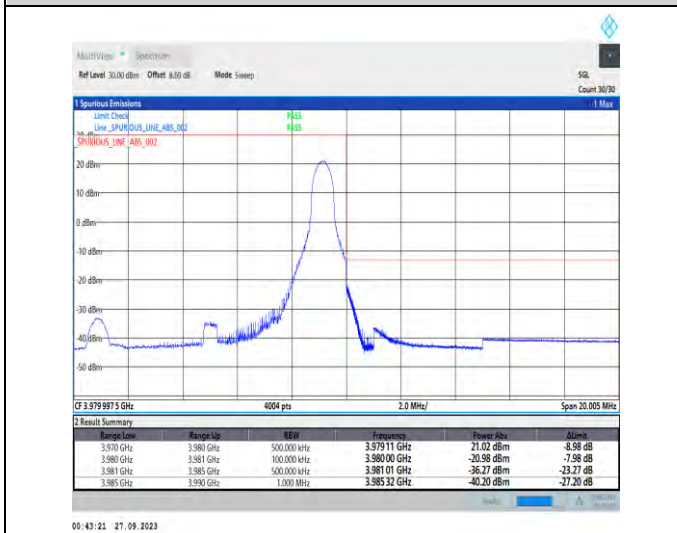
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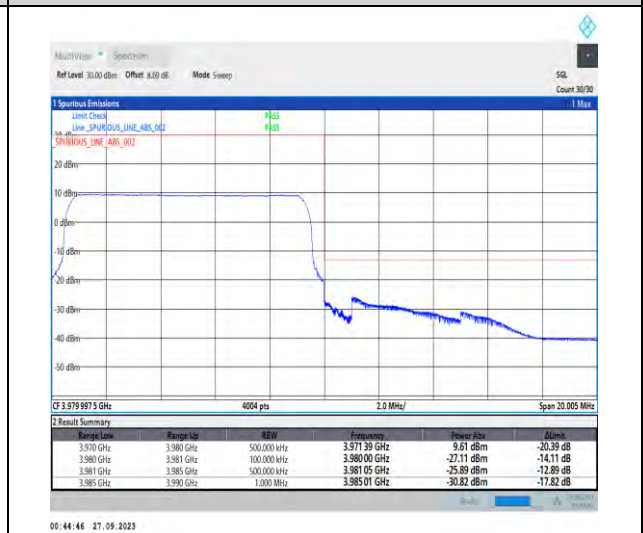
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1-N77-3700-3980-PC2-30-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@23-Ant7-1--PASS-see graph

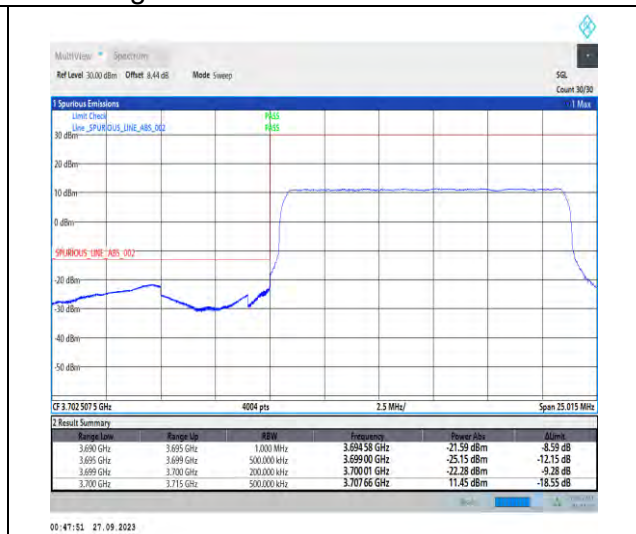
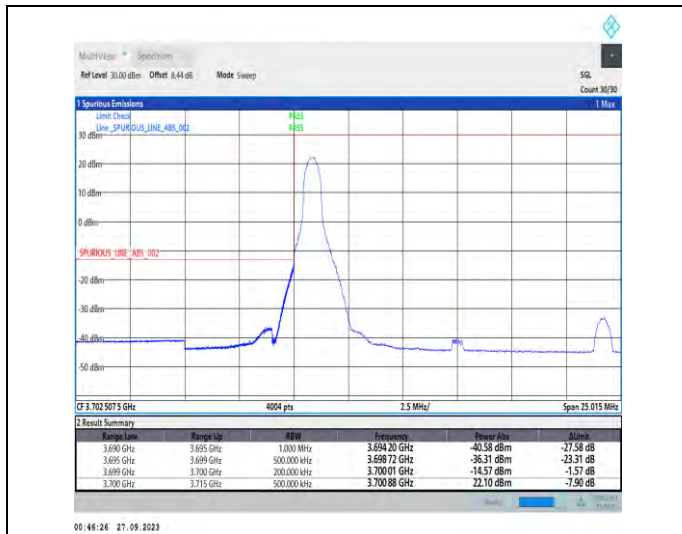


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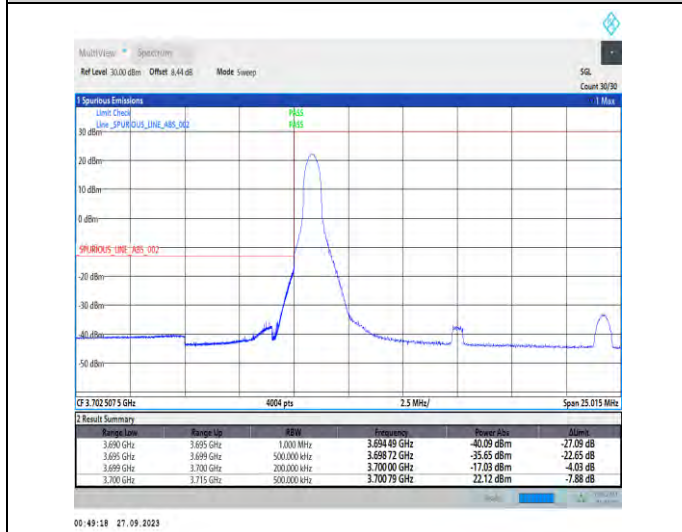
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1-N77-3700-3980-PC2-30-15-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-15-L-3-DFT-PI2BPSK-Outer\_Full-36@0-Ant7-1--PASS-see graph



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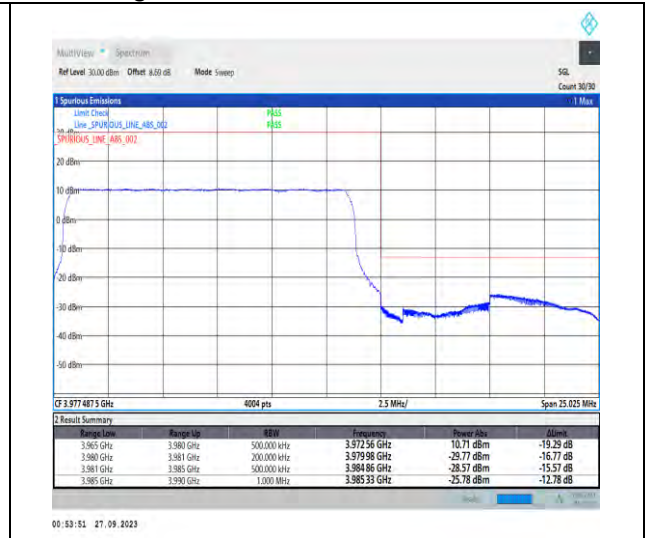
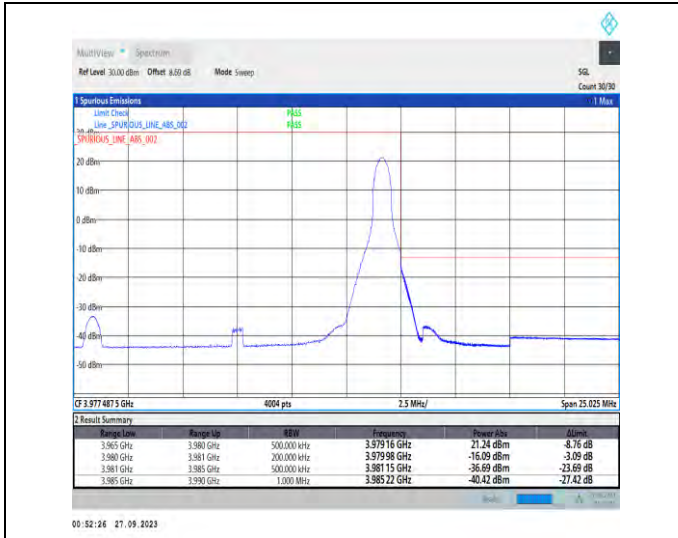
1-N77-3700-3980-PC2-30-15-L-6-CP-QPSK-Outer\_Full-38@0-Ant7-1--PASS-see graph



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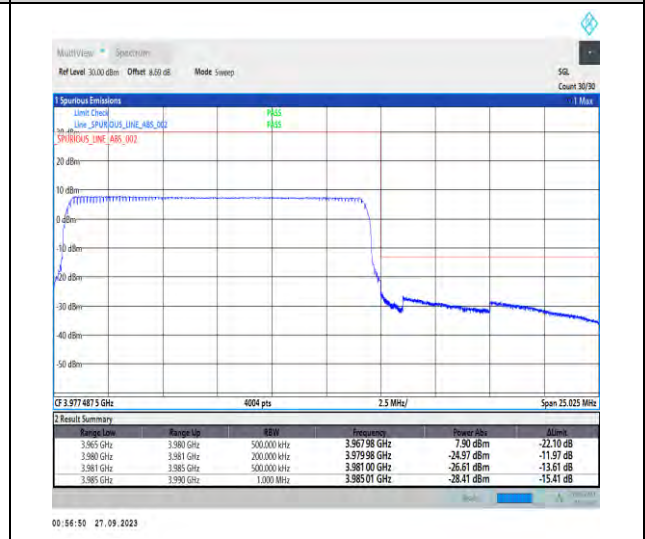
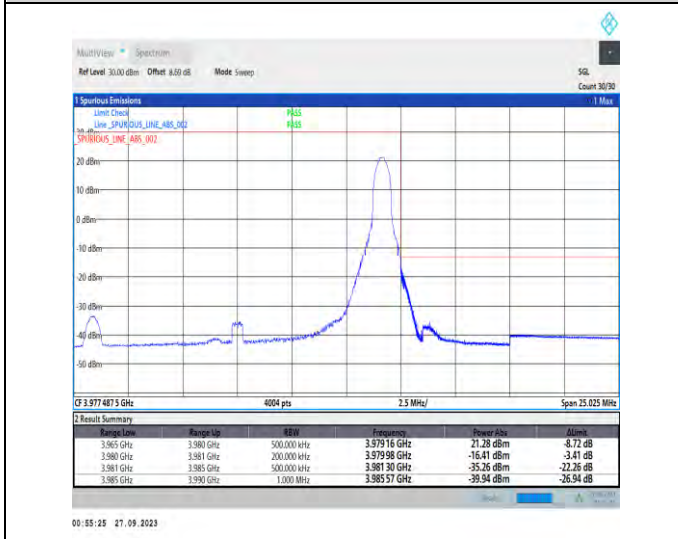
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1-N77-3700-3980-PC2-30-15-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@37-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-15-H-3-DFT-PI2BPSK-Outer\_Full-36@0-Ant7-1--PASS-see graph



1-N77-3700-3980-PC2-30-15-H-5-CP-QPSK-Edge\_1RB\_Right-1@37-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-15-H-6-CP-QPSK-Outer\_Full-38@0-Ant7-1--PASS-see graph

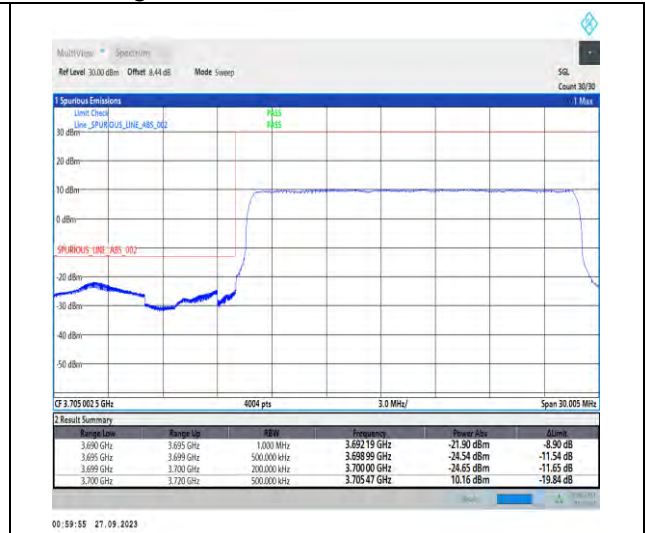


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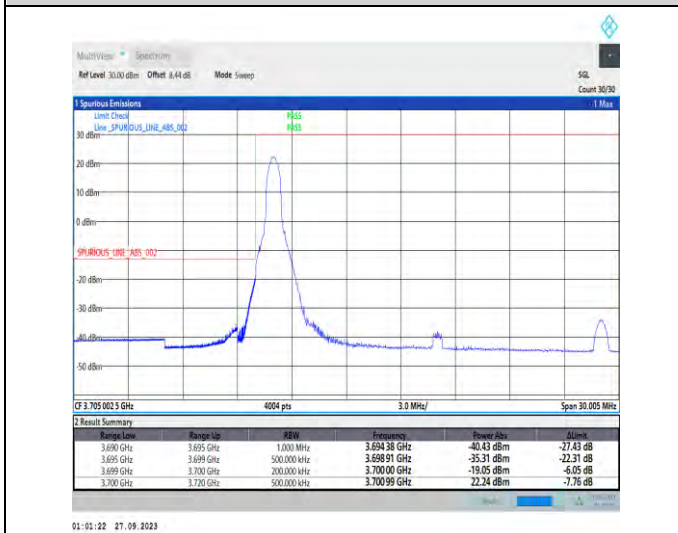
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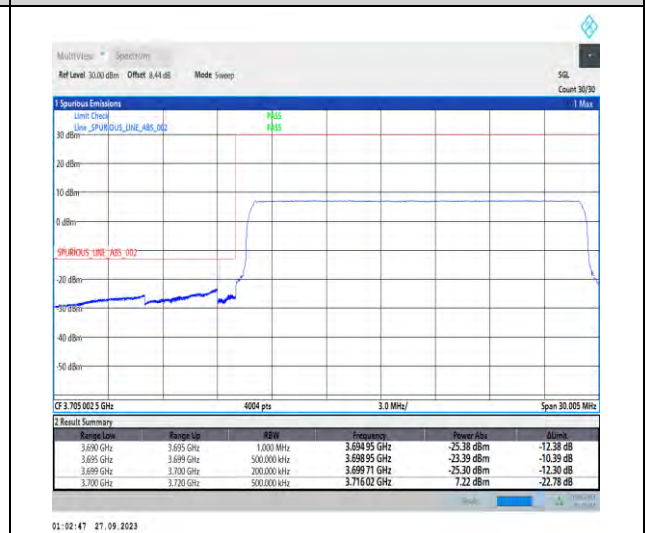
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1-N77-3700-3980-PC2-30-20-L-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant7-1--PASS-see graph



1-N77-3700-3980-PC2-30-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant7-1--PASS-see graph



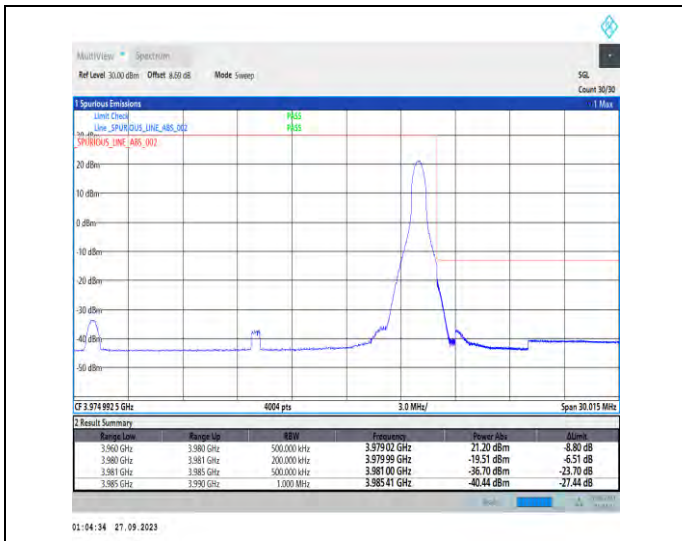
1-N77-3700-3980-PC2-30-20-L-6-CP-QPSK-Outer\_Full-51@0-Ant7-1--PASS-see graph



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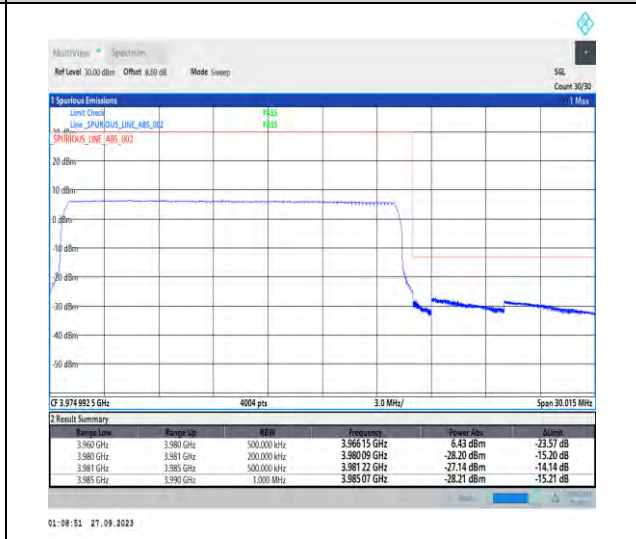
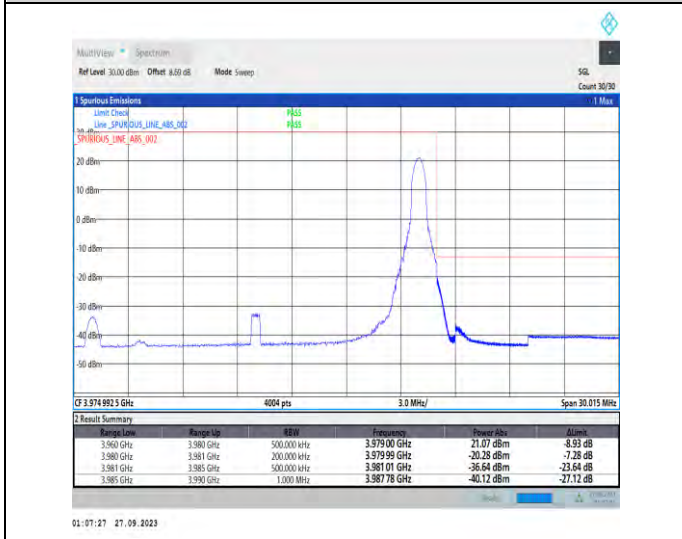
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1-N77-3700-3980-PC2-30-20-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@50-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-20-H-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant7-1--PASS-see graph



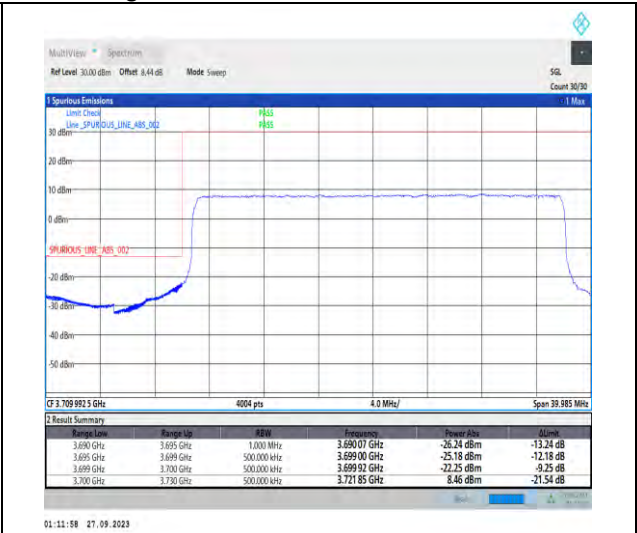
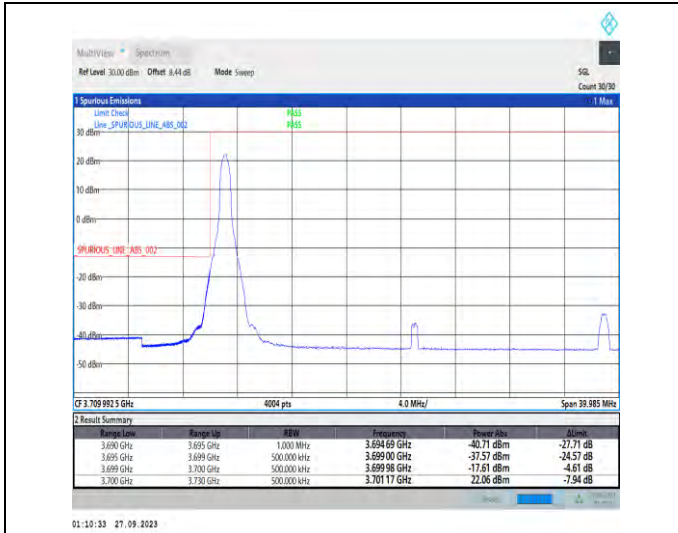
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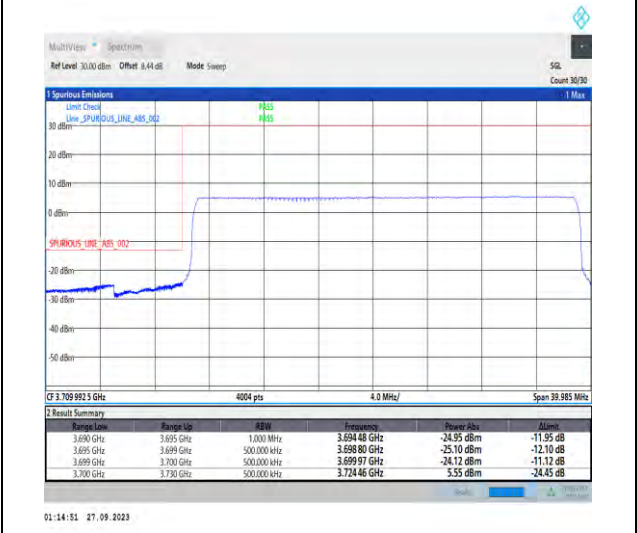
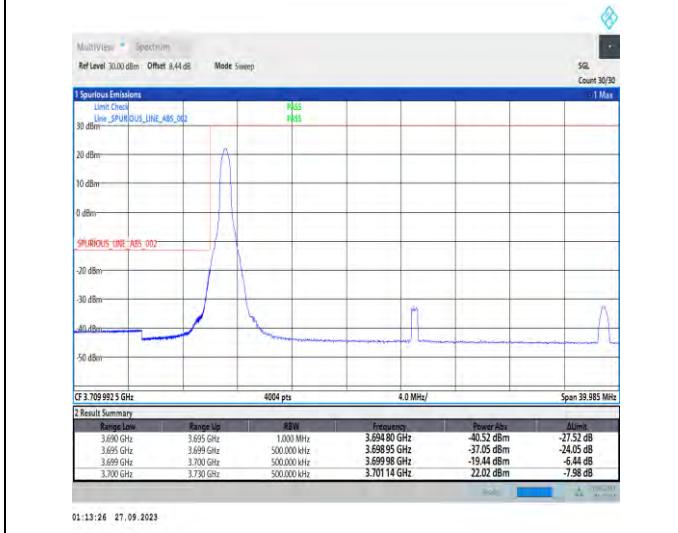
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1-N77-3700-3980-PC2-30-30-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-30-L-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant7-1--PASS-see graph



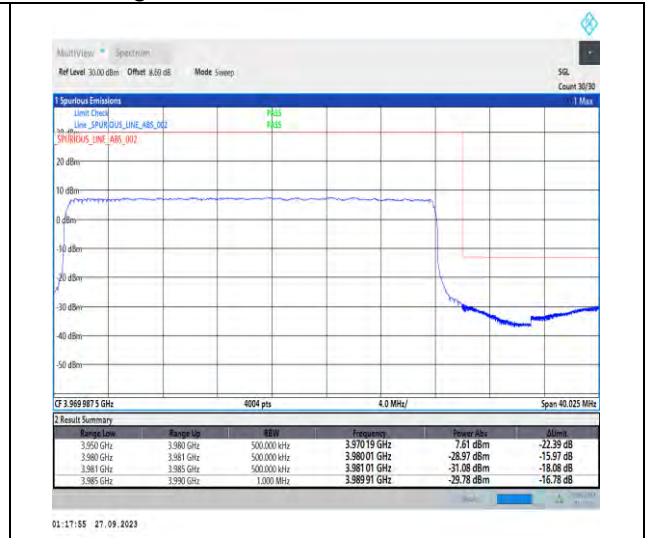
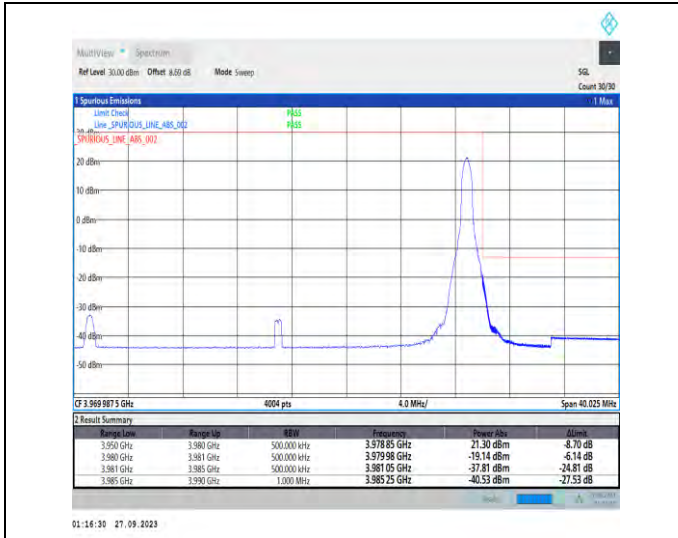
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1-N77-3700-3980-PC2-30-30-L-6-CP-QPSK-Outer\_Full-78@0-Ant7-1--PASS-see graph



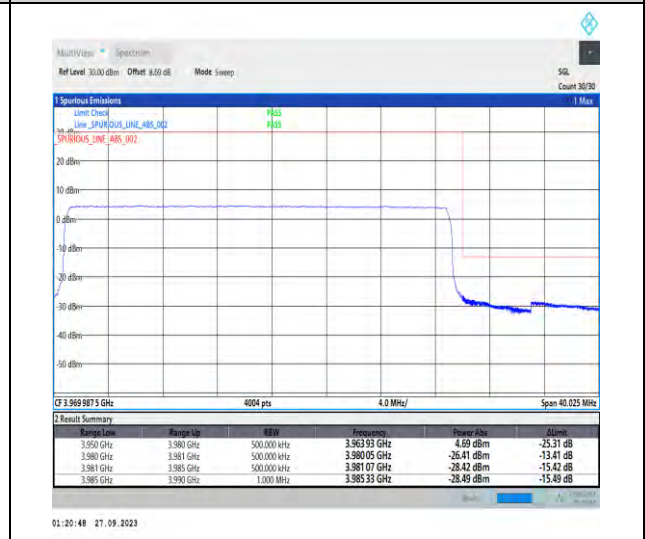
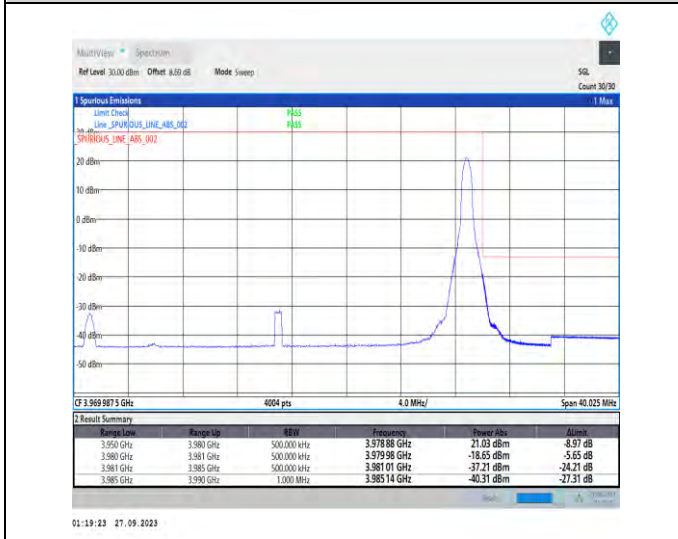
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1-N77-3700-3980-PC2-30-30-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@77-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-30-H-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant7-1--PASS-see graph



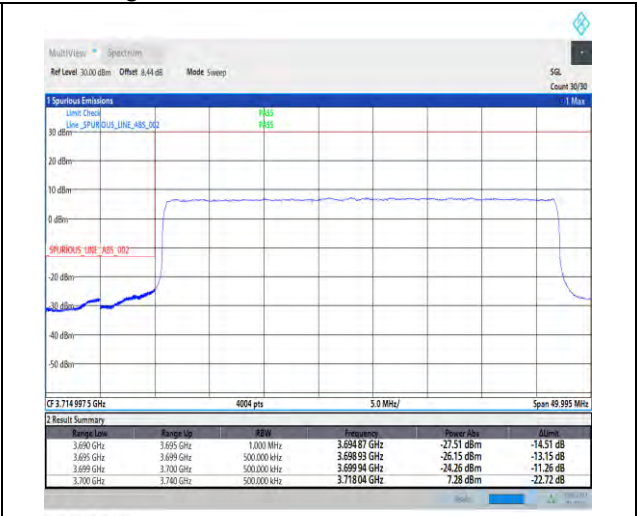
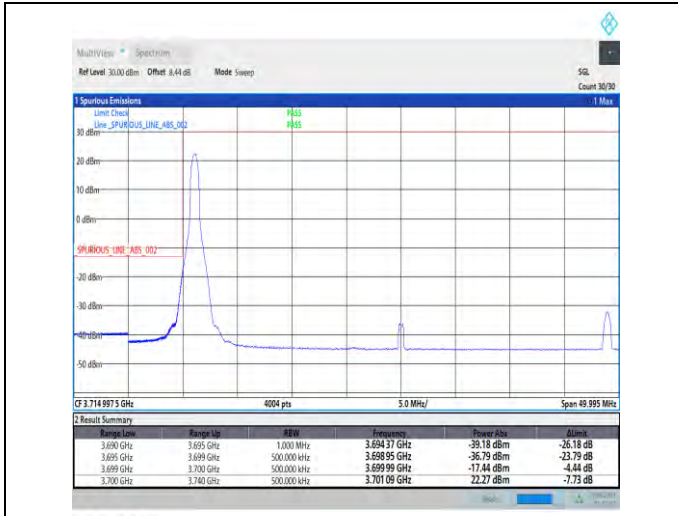
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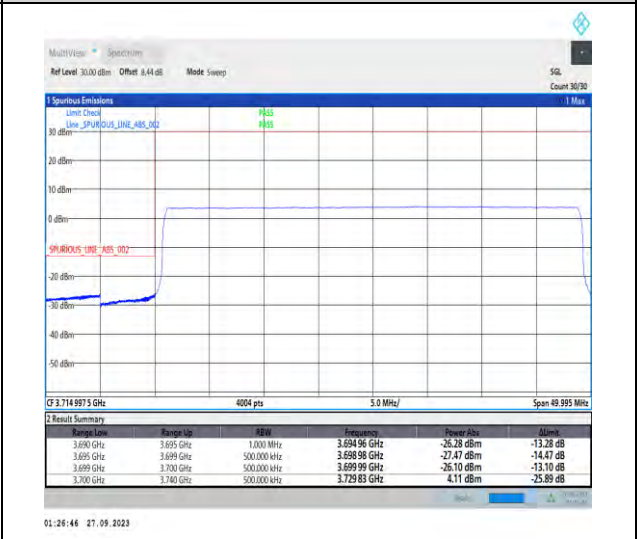
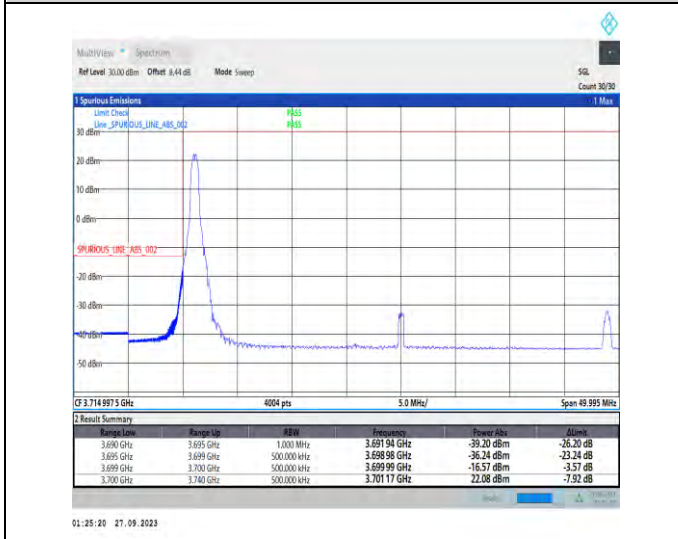
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1-N77-3700-3980-PC2-30-40-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant7-1--PASS-see graph

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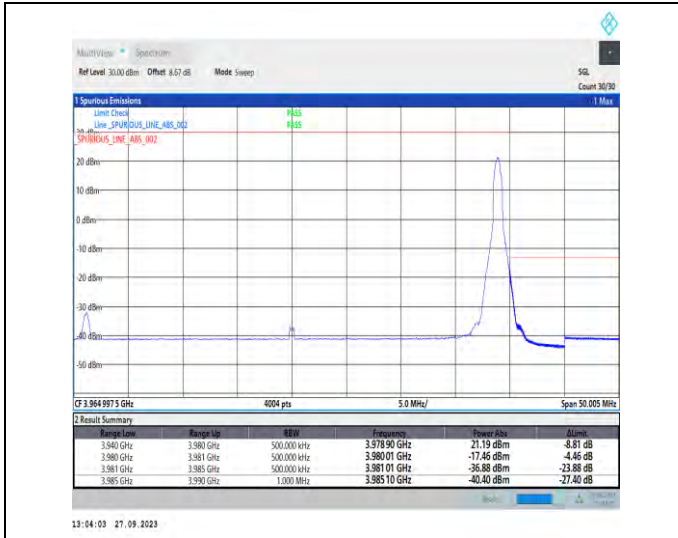
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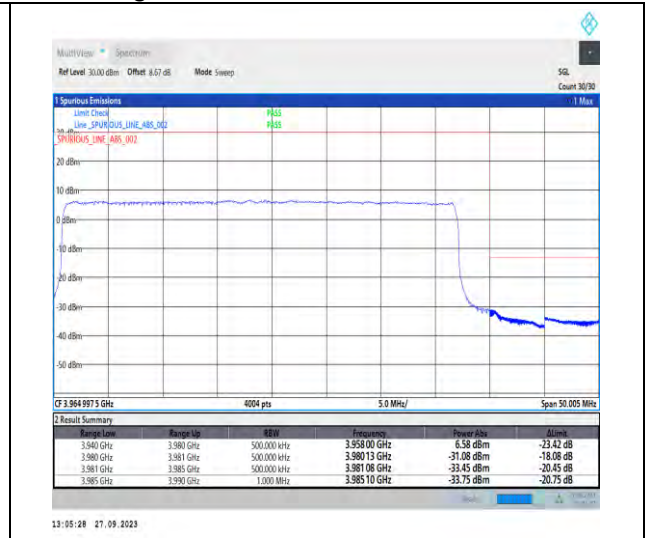


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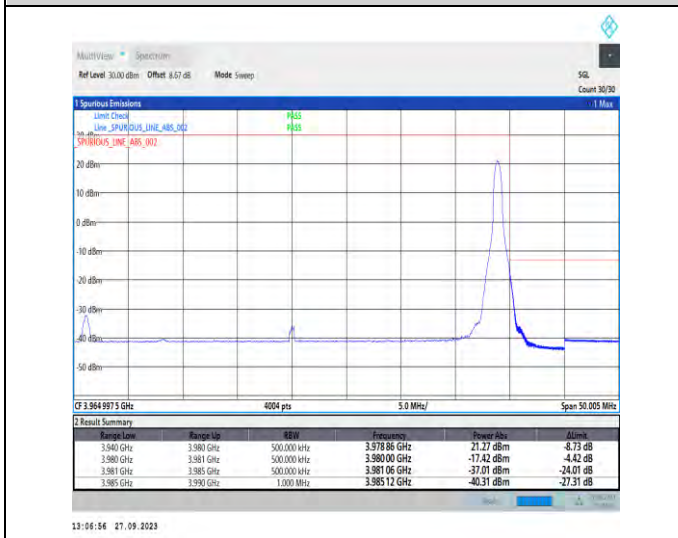
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1-N77-3700-3980-PC2-30-40-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@105-Ant7-1--PASS-see graph



1-N77-3700-3980-PC2-30-40-H-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant7-1--PASS-see graph



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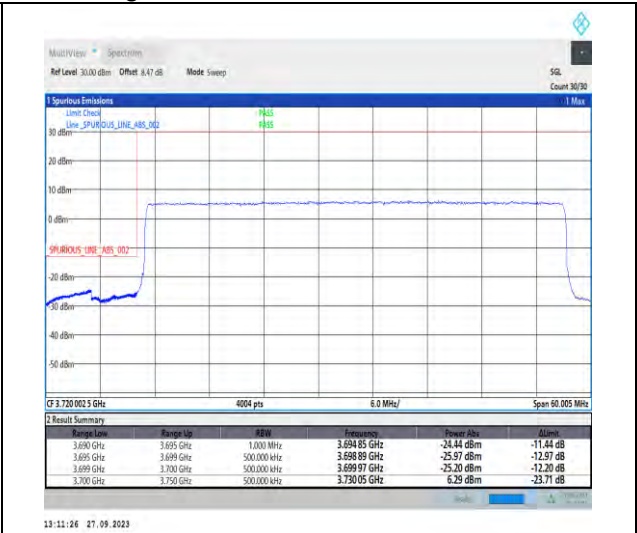
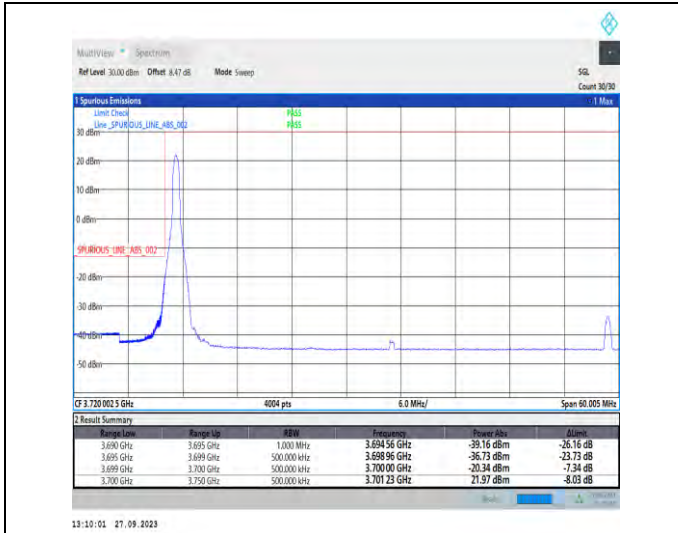


1-N77-3700-3980-PC2-30-40-H-6-CP-QPSK-Outer\_Full-106@0-Ant7-1--PASS-see graph



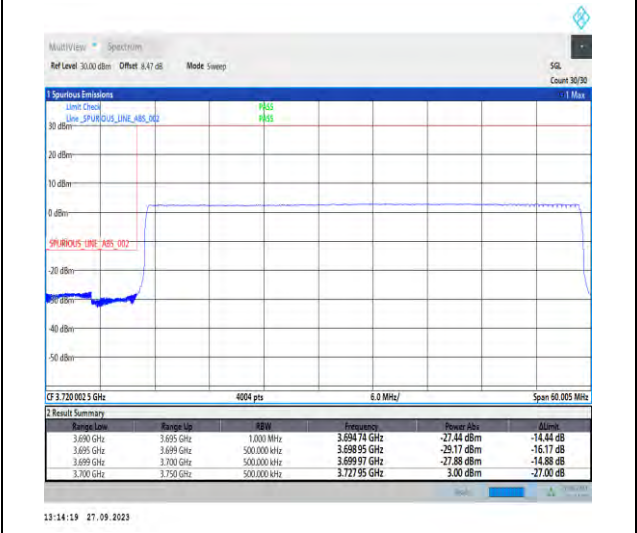
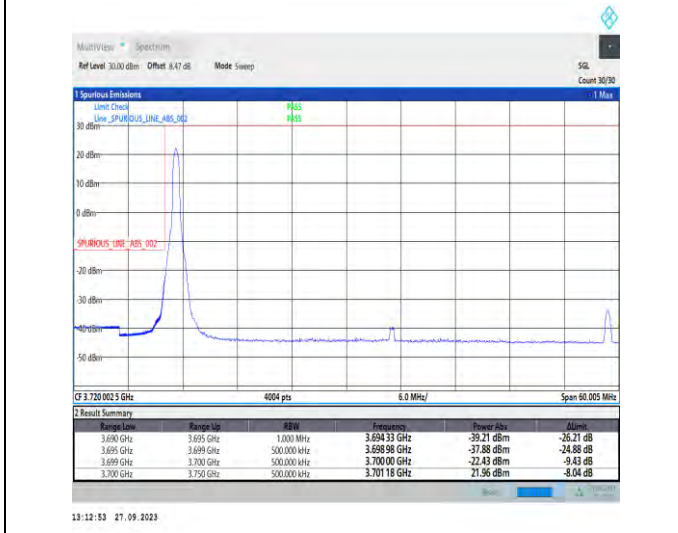
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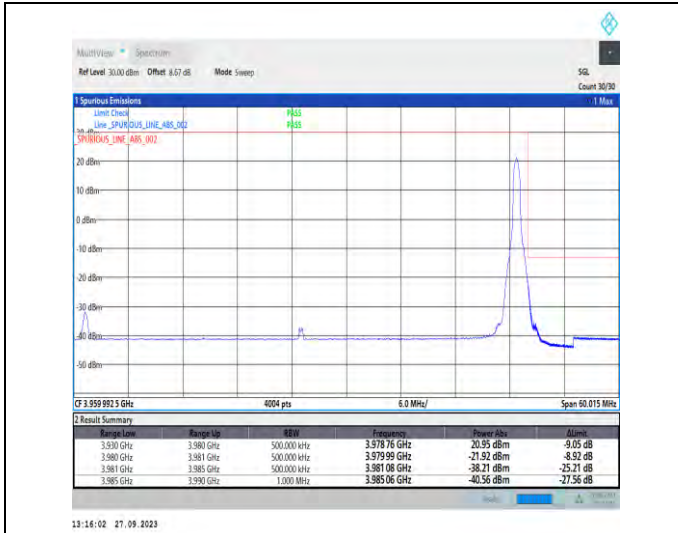
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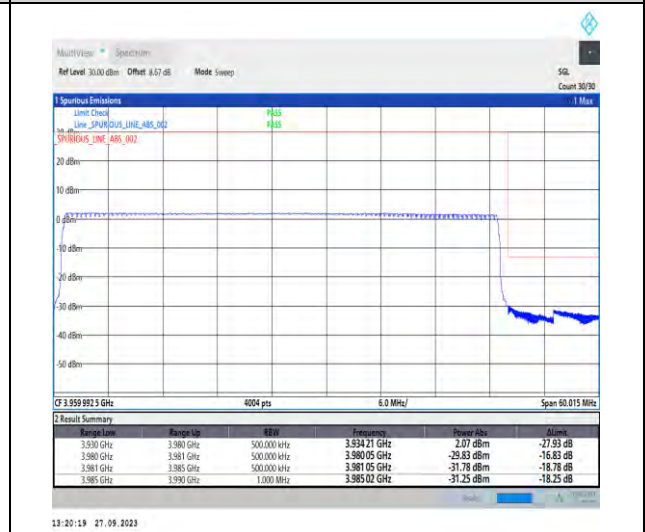
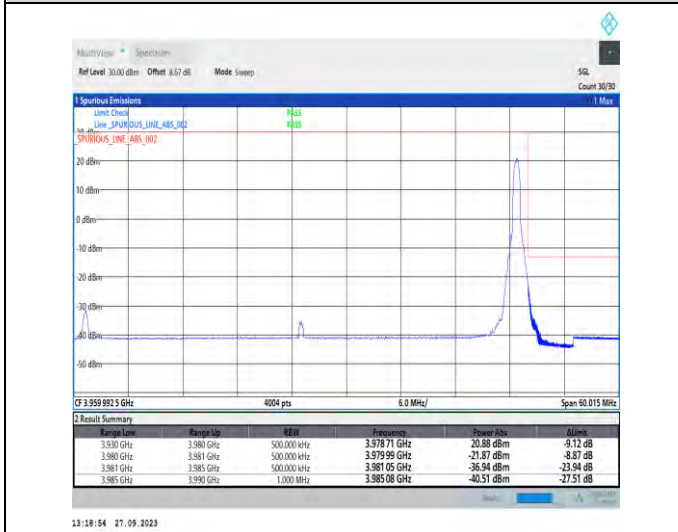
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1-N77-3700-3980-PC2-30-50-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@132-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-50-H-3-DFT-PI2BPSK-Outer\_Full-128@0-Ant7-1--PASS-see graph



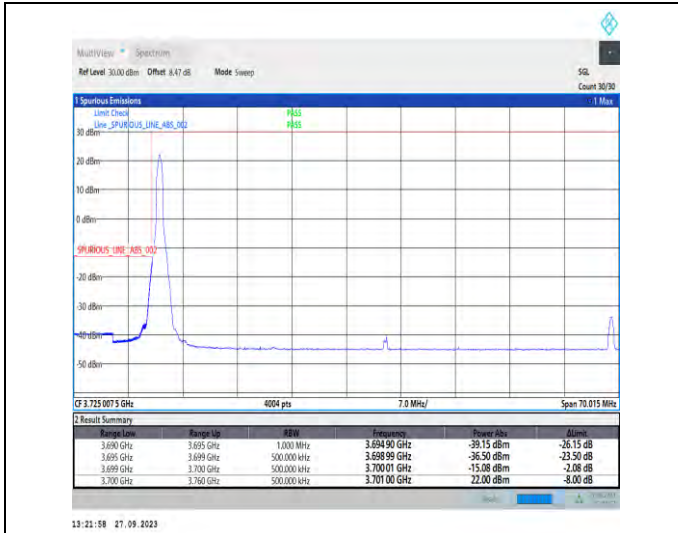
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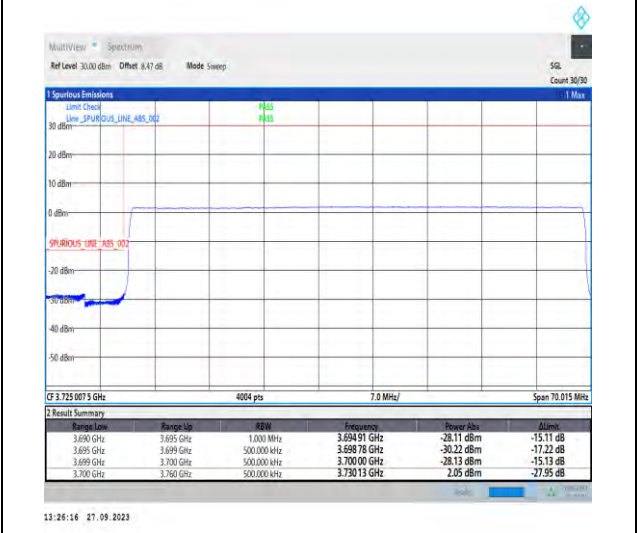
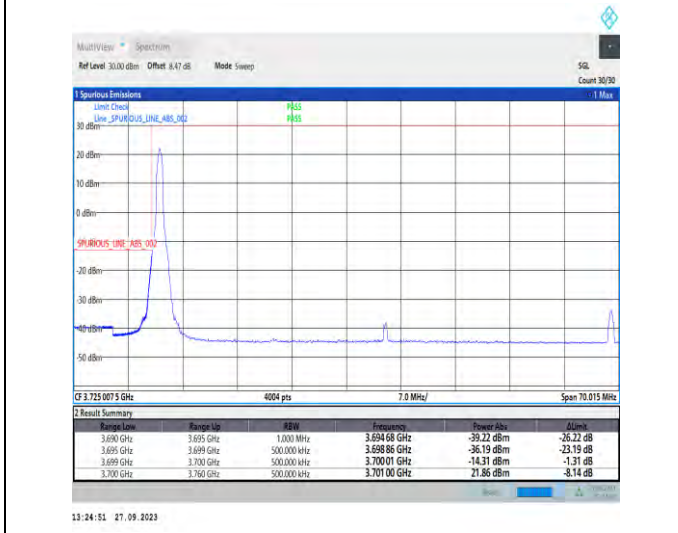
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1-N77-3700-3980-PC2-30-60-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-60-L-3-DFT-PI2BPSK-Outer\_Full-162@0-Ant7-1--PASS-see graph



1-N77-3700-3980-PC2-30-60-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant7-1--PASS-see graph

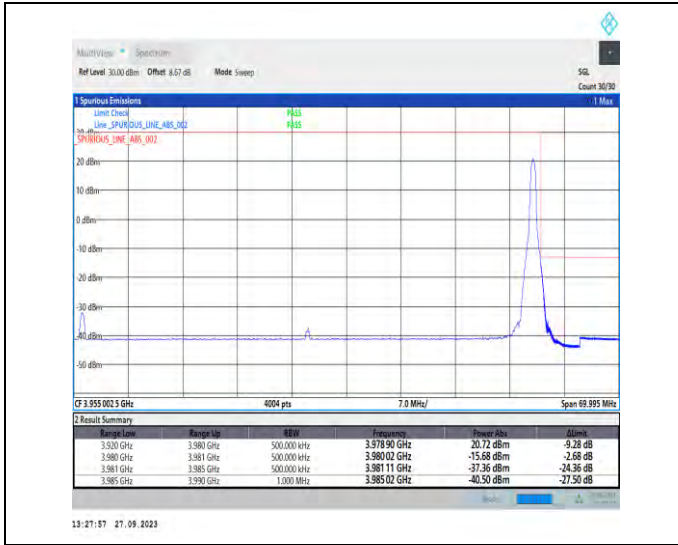
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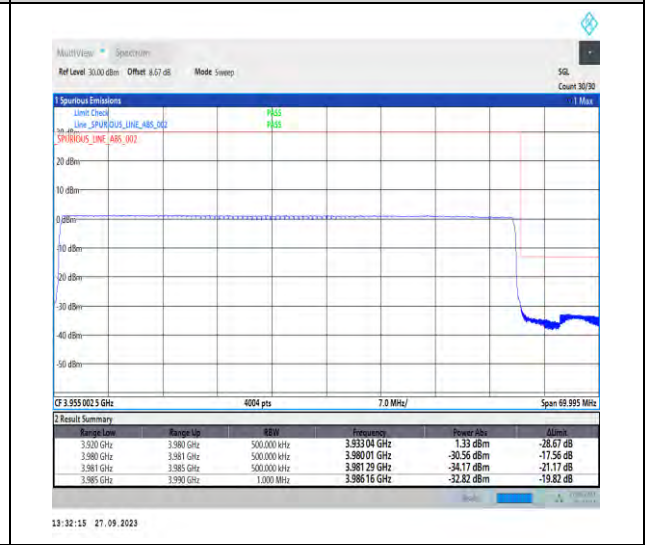
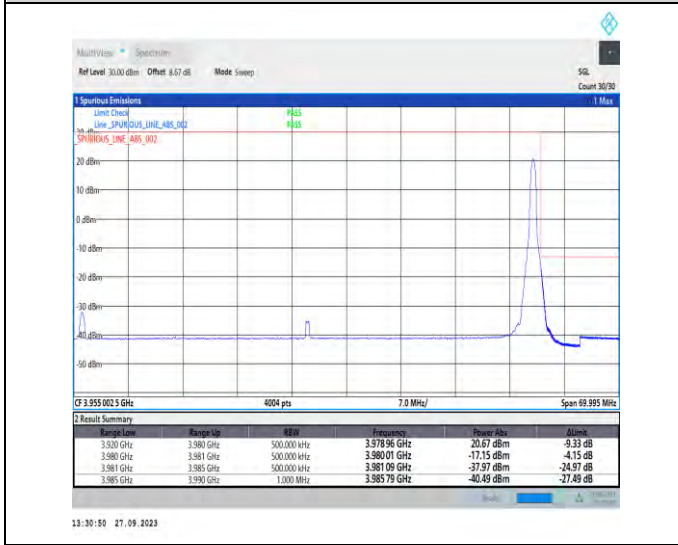
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1-N77-3700-3980-PC2-30-60-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@161-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-60-H-3-DFT-PI2BPSK-Outer\_Full-162@0-Ant7-1--PASS-see graph



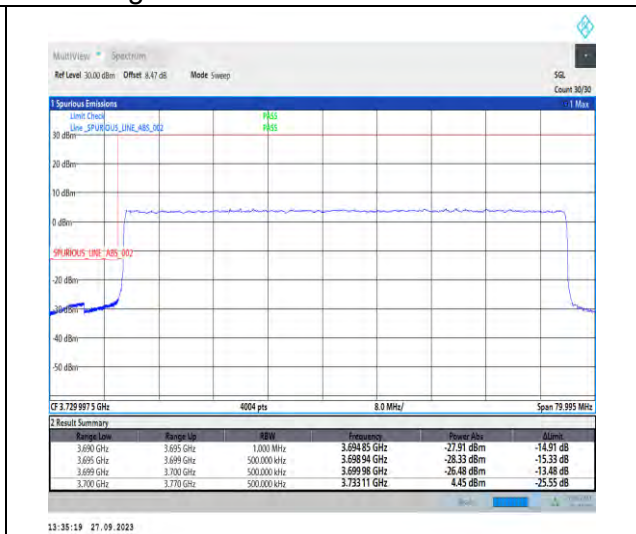
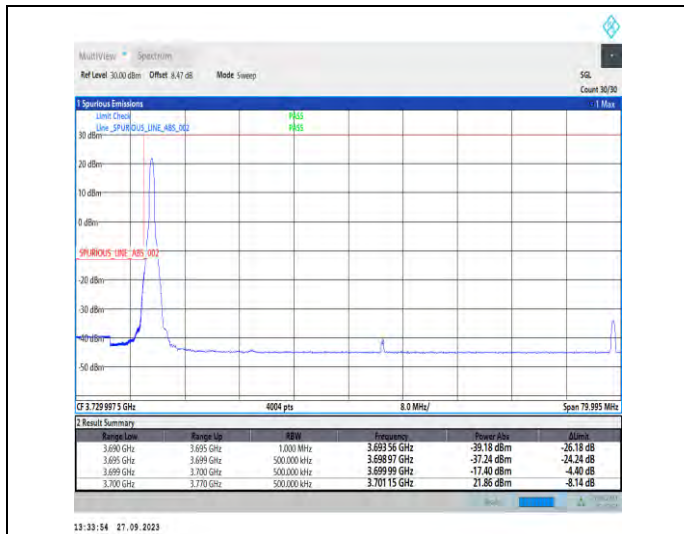
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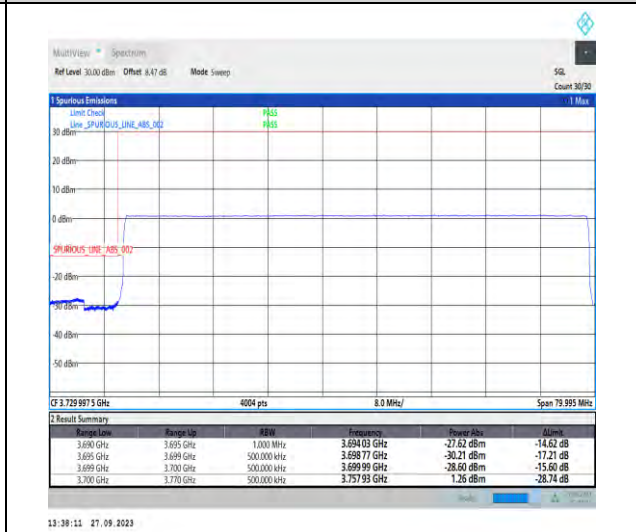
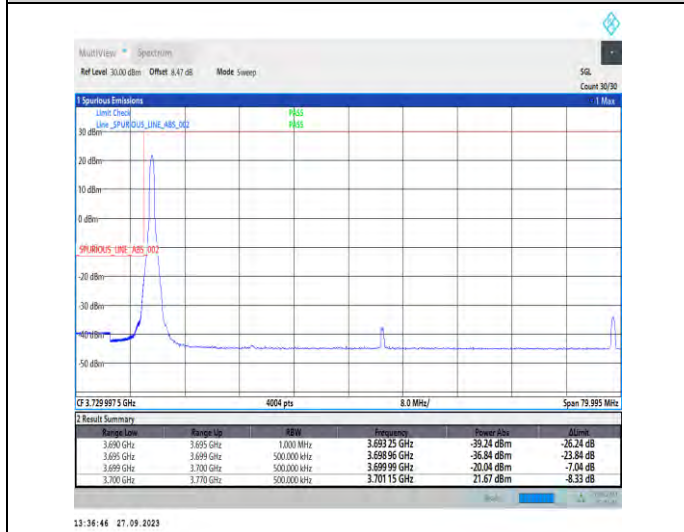
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1-N77-3700-3980-PC2-30-70-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-70-L-3-DFT-PI2BPSK-Outer\_Full-180@0-Ant7-1--PASS-see graph



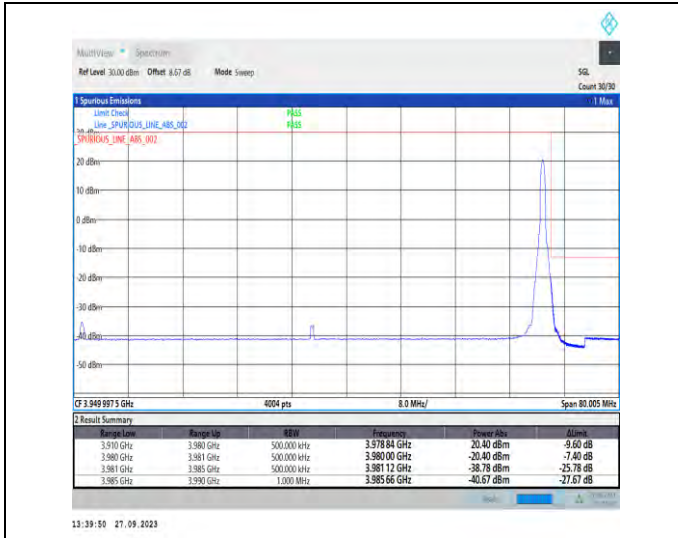
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1-N77-3700-3980-PC2-30-70-L-6-CP-QPSK-Outer\_Full-189@0-Ant7-1--PASS-see graph



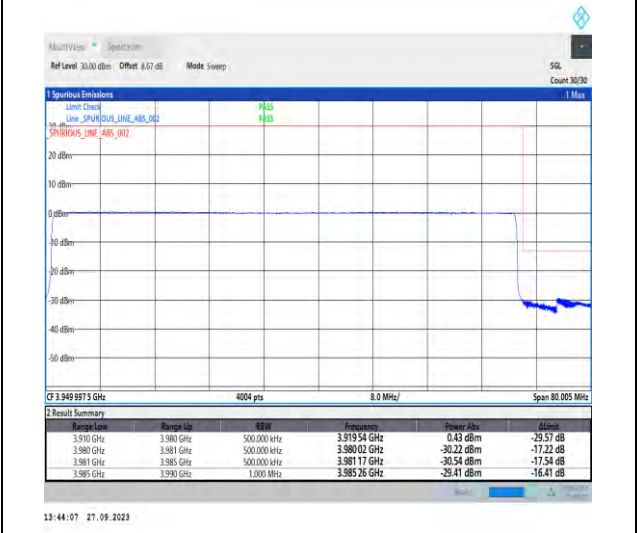
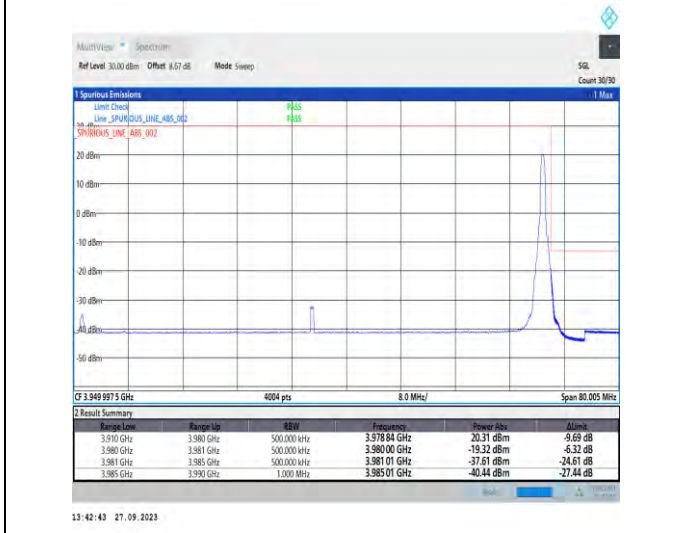
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1-N77-3700-3980-PC2-30-70-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@188-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-70-H-3-DFT-PI2BPSK-Outer\_Full-180@0-Ant7-1--PASS-see graph



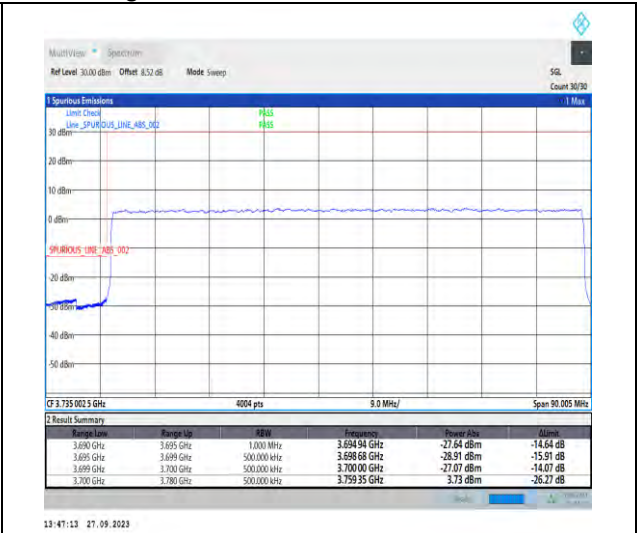
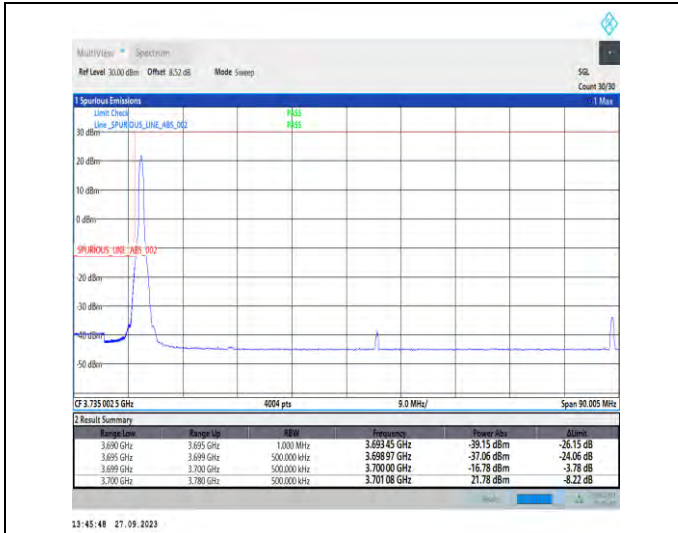
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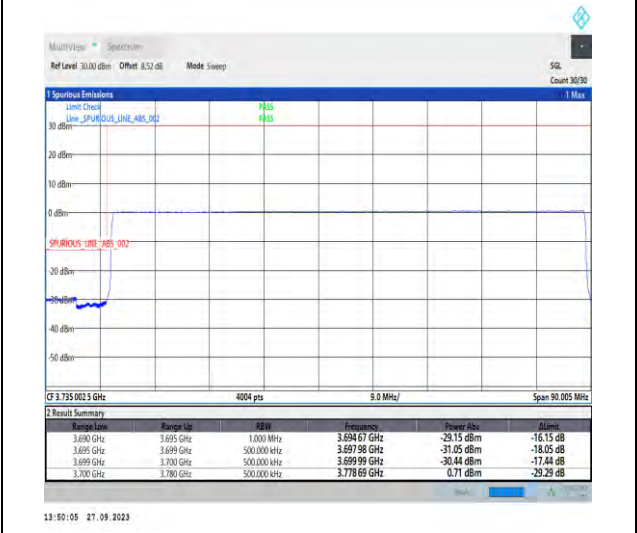
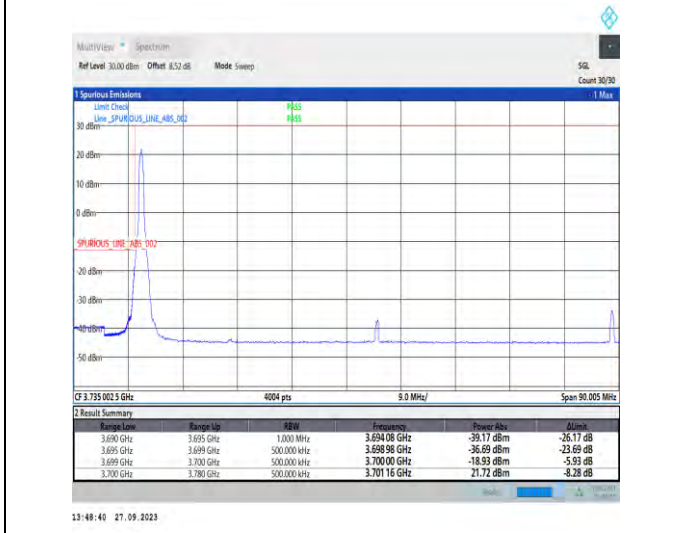
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1-N77-3700-3980-PC2-30-80-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-80-L-3-DFT-PI2BPSK-Outer\_Full-216@0-Ant7-1--PASS-see graph



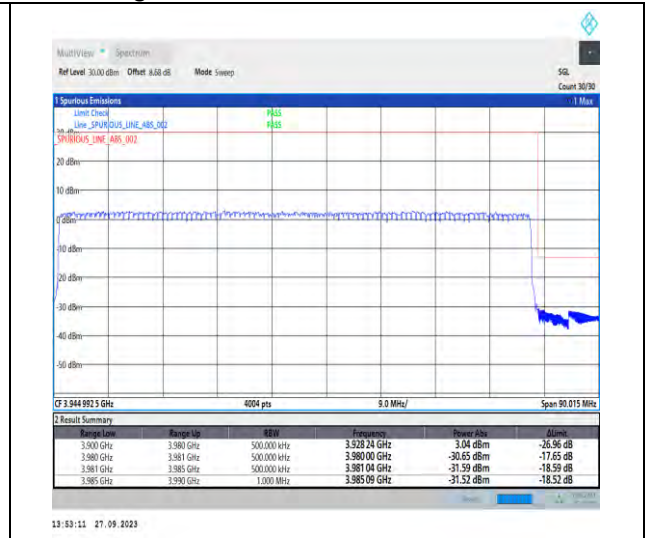
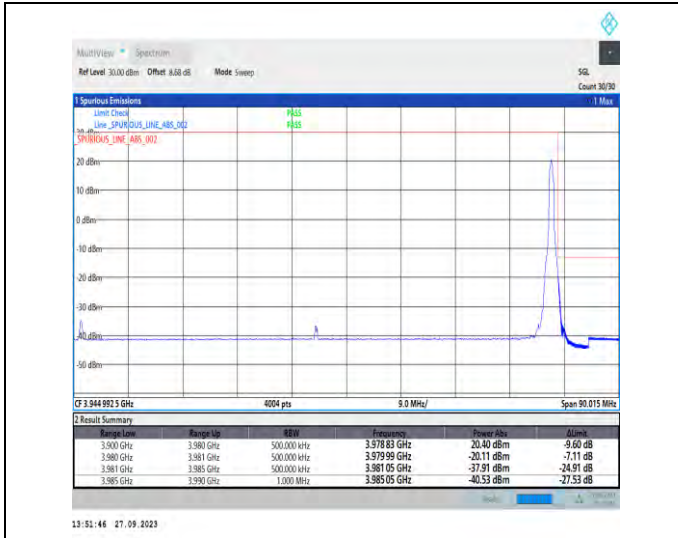
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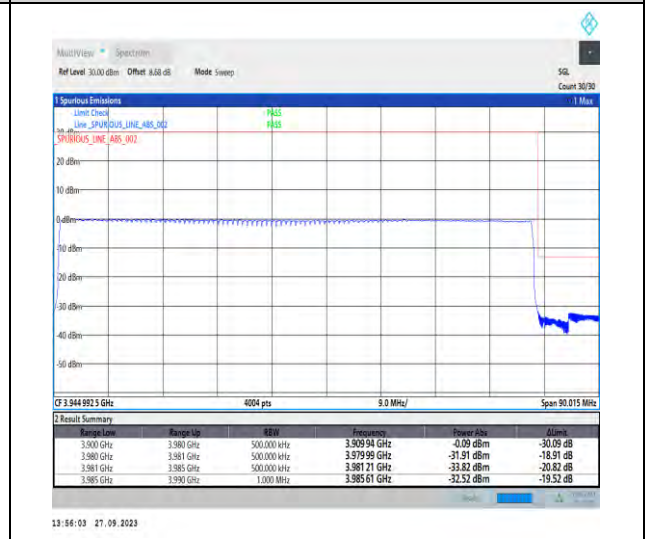
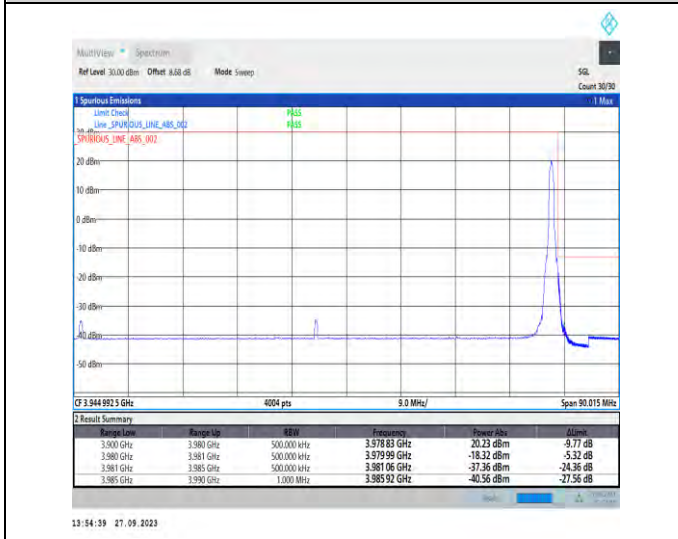
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1-N77-3700-3980-PC2-30-80-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@216-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-80-H-3-DFT-PI2BPSK-Outer\_Full-216@0-Ant7-1--PASS-see graph



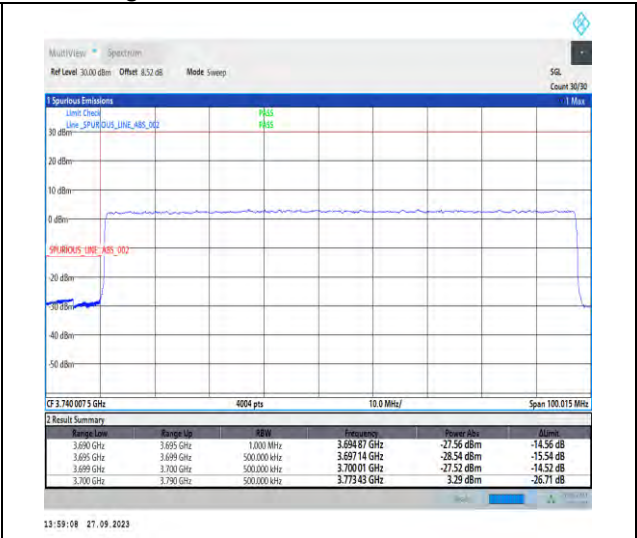
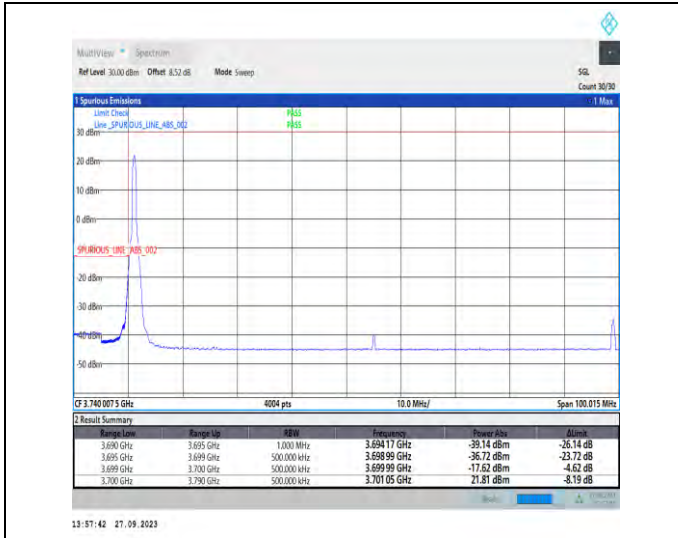
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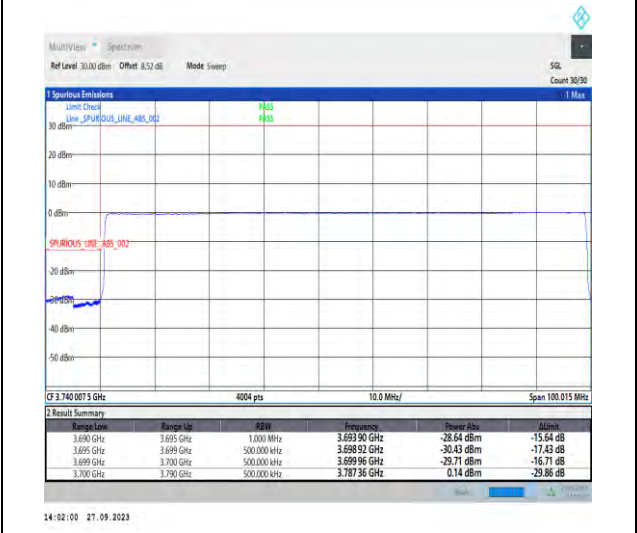
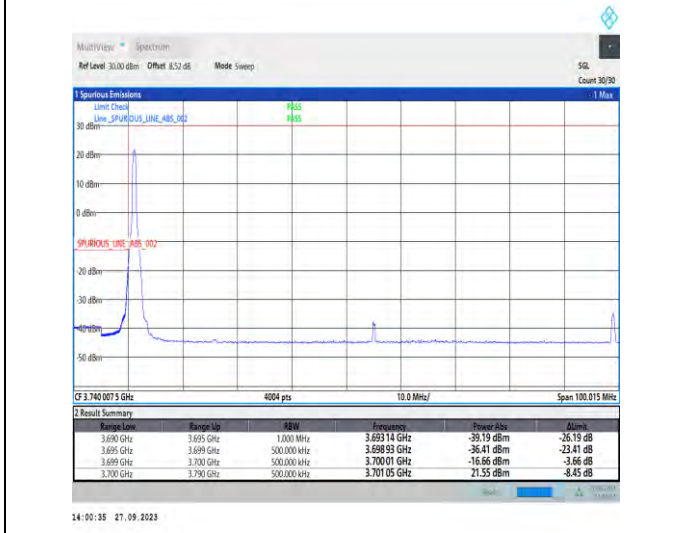
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1-N77-3700-3980-PC2-30-90-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-90-L-3-DFT-PI2BPSK-Outer\_Full-240@0-Ant7-1--PASS-see graph



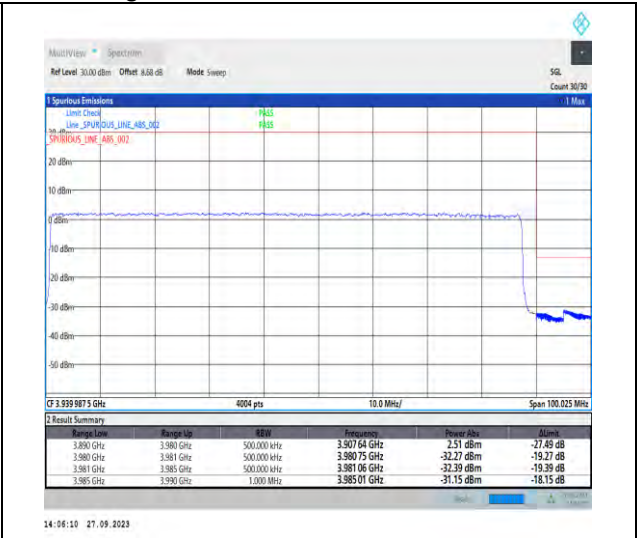
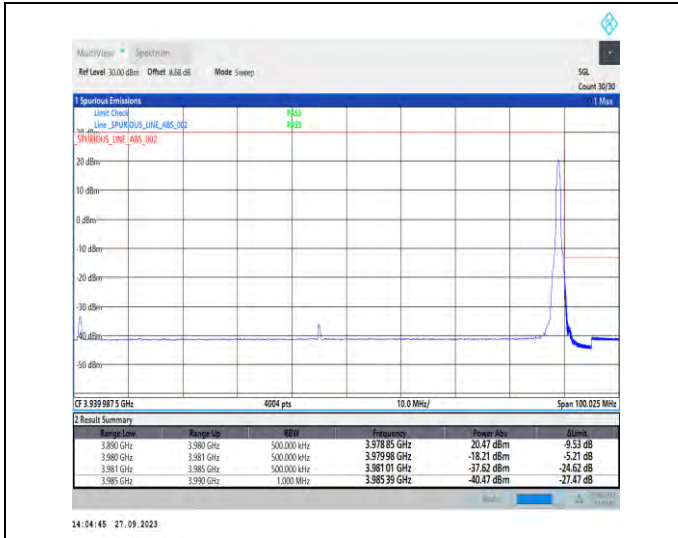
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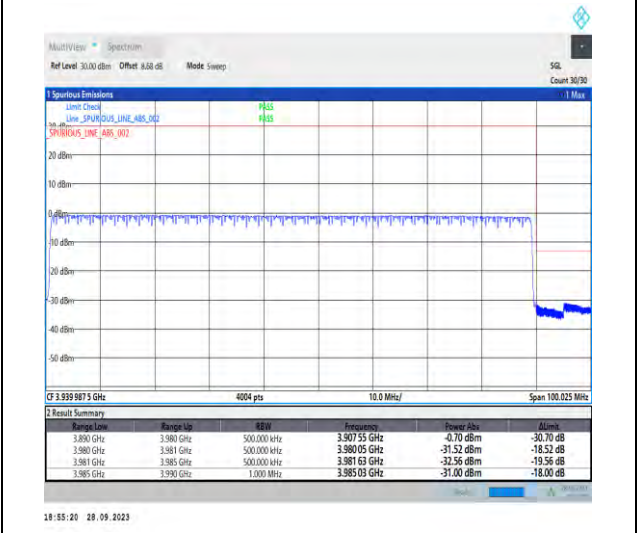
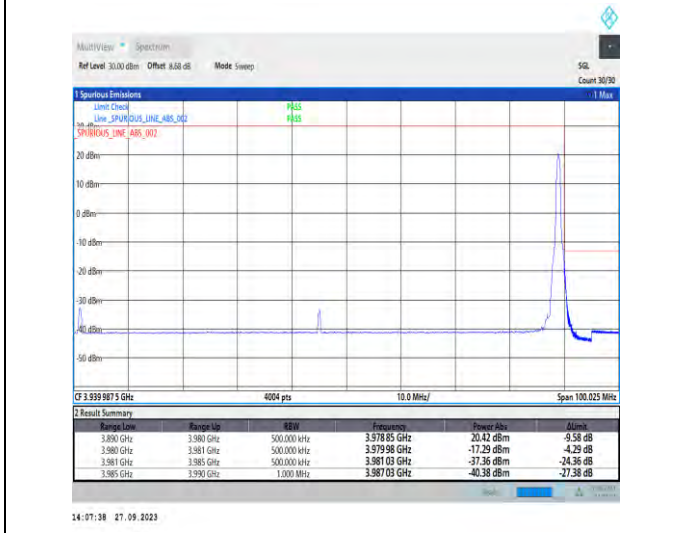
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1-N77-3700-3980-PC2-30-90-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@244-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-90-H-3-DFT-PI2BPSK-Outer\_Full-240@0-Ant7-1--PASS-see graph



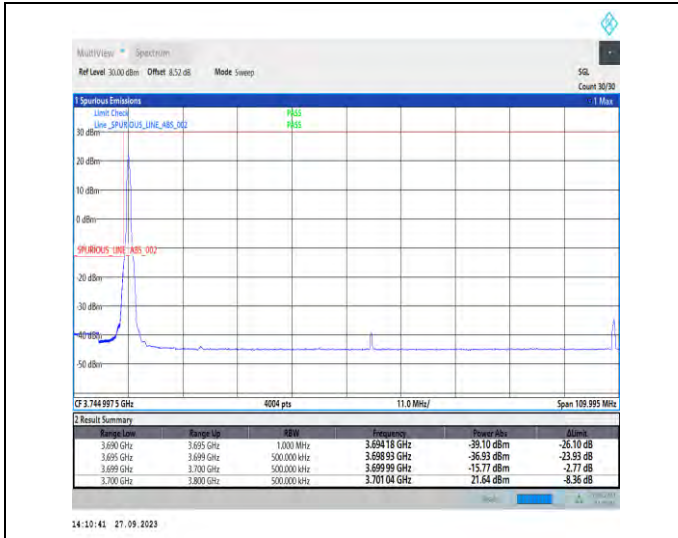
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1-N77-3700-3980-PC2-30-90-H-6-CP-QPSK-Outer\_Full-245@0-Ant7-1--PASS-see graph



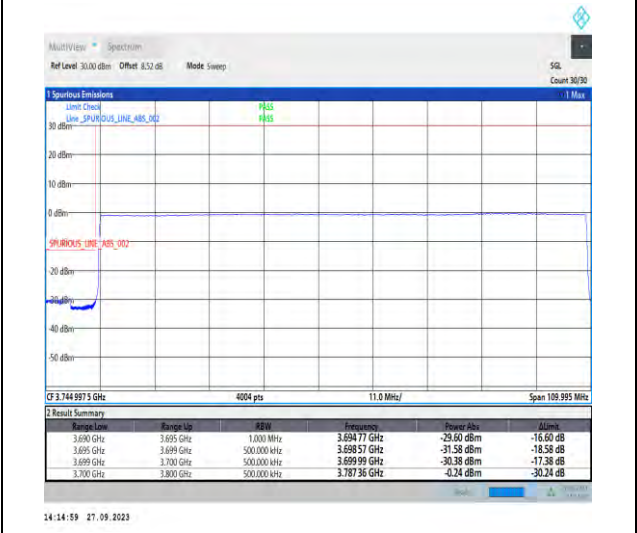
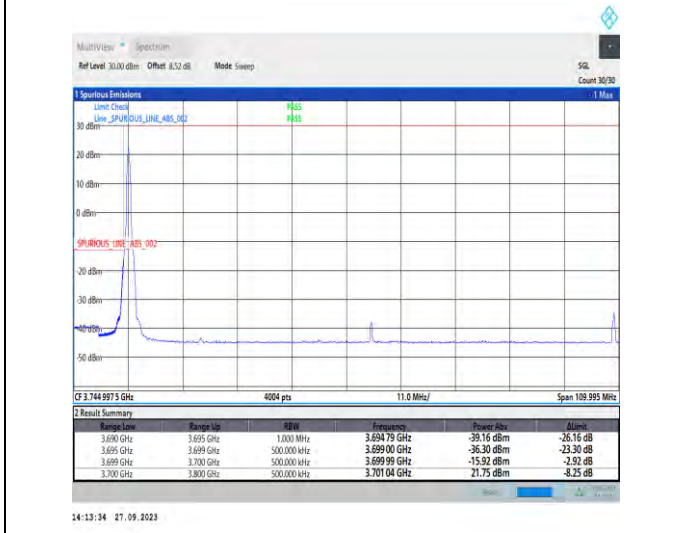
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1-N77-3700-3980-PC2-30-100-L-1-DFT-PI2BPSK-Edge\_e\_1RB\_Left-1@0-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-100-L-3-DFT-PI2BPSK-Outer\_Full-270@0-Ant7-1--PASS-see graph



1-N77-3700-3980-PC2-30-100-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant7-1--PASS-see graph

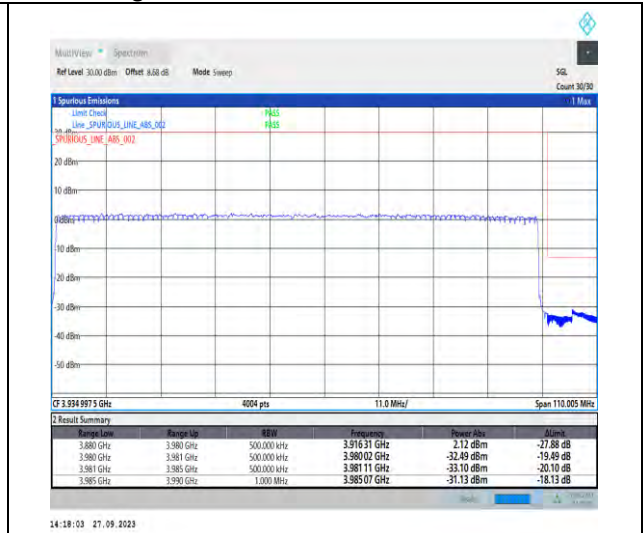
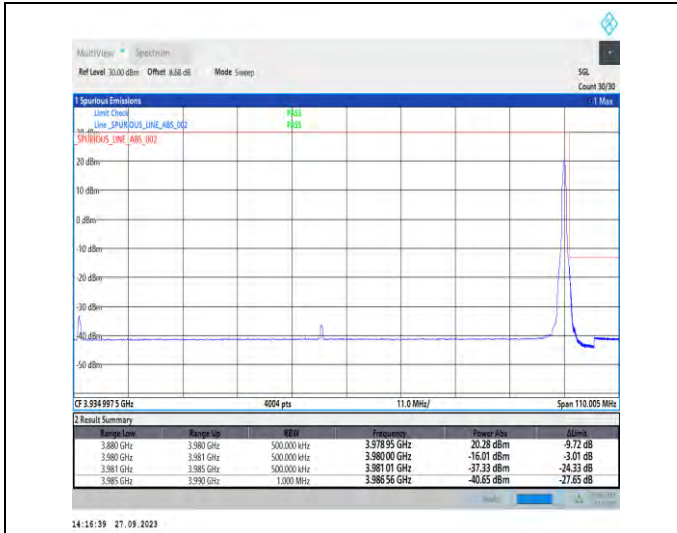
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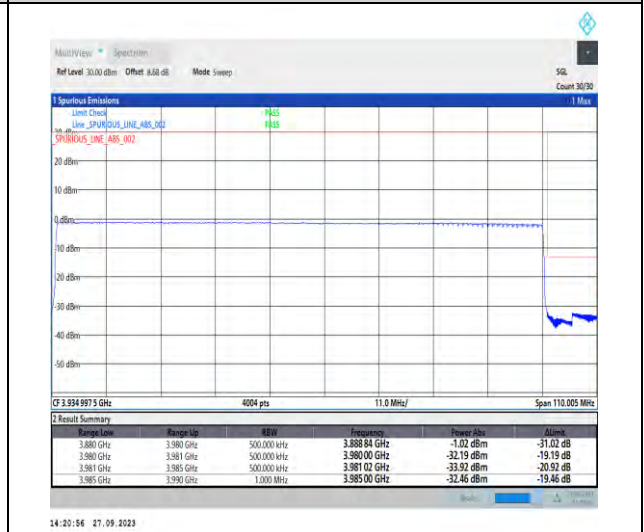
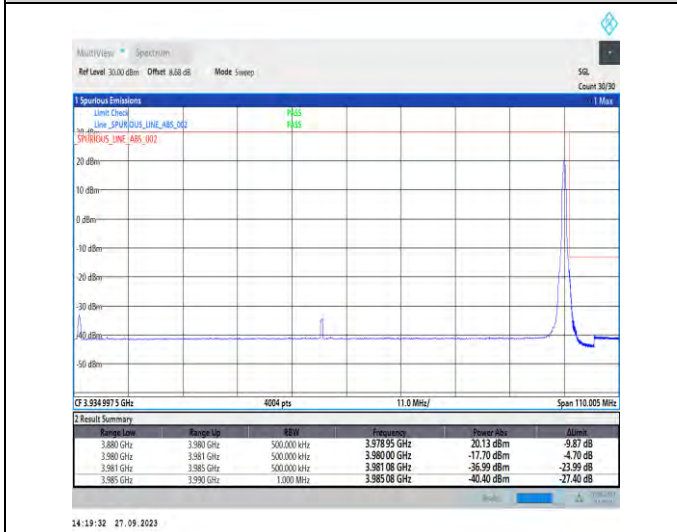
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1-N77-3700-3980-PC2-30-100-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@272-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-100-H-3-DFT-PI2BPSK-Outer\_Full-270@0-Ant7-1--PASS-see graph



1-N77-3700-3980-PC2-30-100-H-5-CP-QPSK-Edge\_1RB\_Right-1@272-Ant7-1--PASS-see graph

1-N77-3700-3980-PC2-30-100-H-6-CP-QPSK-Outer\_Full-273@0-Ant7-1--PASS-see graph



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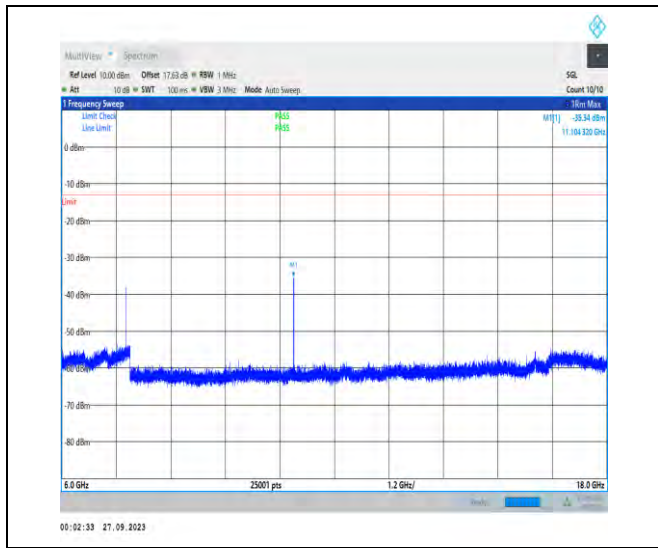
### Test Graphs

<p>1-N77-3700-3980-PC2-30-100-L-1-DFT-PI2BPSK-In ner_1RB_Left-1@1-0.009-0.15-Ant7-0.13--93.17--43 -PASS</p>	<p>1-N77-3700-3980-PC2-30-100-L-1-DFT-PI2BPSK-In ner_1RB_Left-1@1-0.15-30-Ant7-29.58--85.63--33-P ASS</p>
<p>1-N77-3700-3980-PC2-30-100-L-1-DFT-PI2BPSK-In ner_1RB_Left-1@1-30-1000-Ant7-111.97--67.79--13 -PASS</p>	<p>1-N77-3700-3980-PC2-30-100-L-1-DFT-PI2BPSK-In ner_1RB_Left-1@1-1000-6000-Ant7-5947.50--37.85- -13-PASS</p>

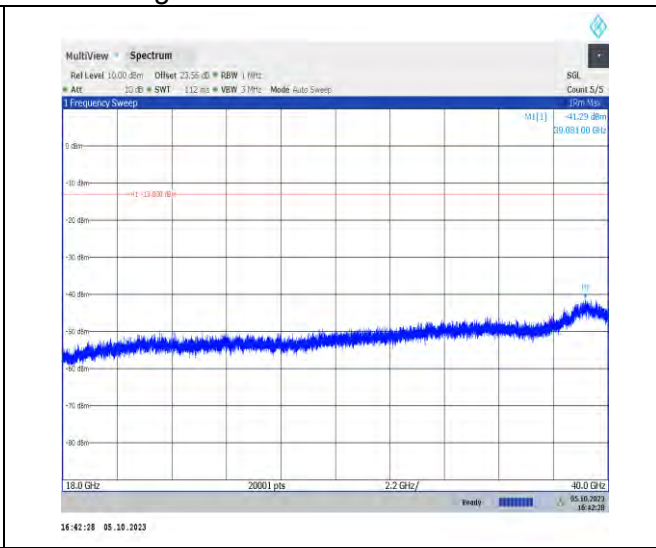


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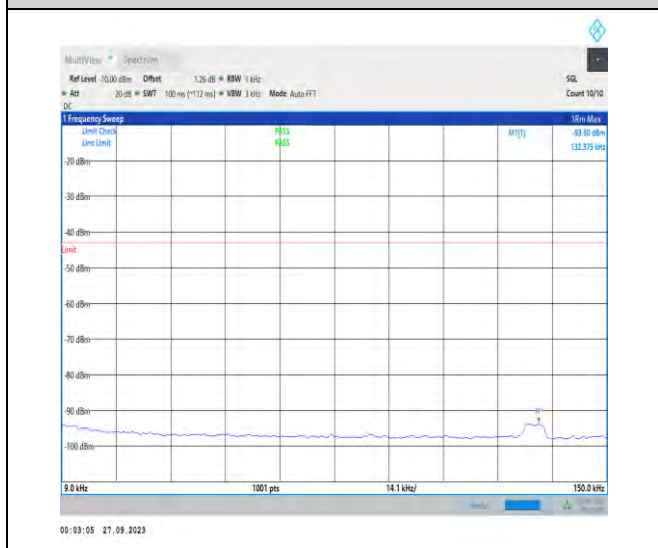
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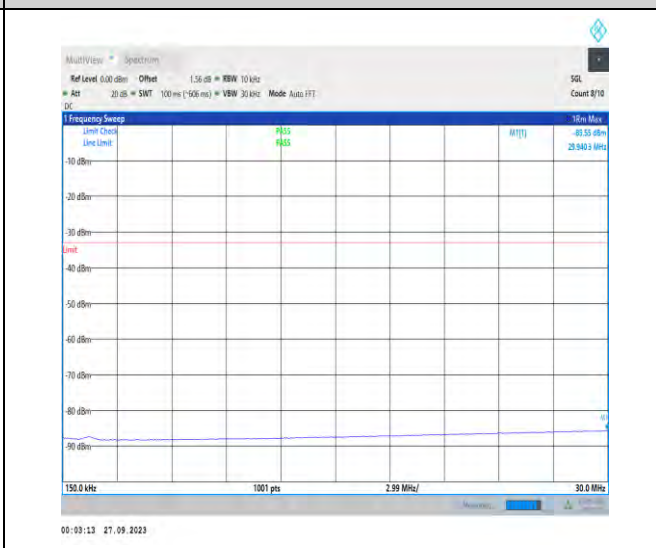
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1-N77-3700-3980-PC2-30-100-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-18000-40000-Ant7-18000.00--55.63--13-PASS



1-N77-3700-3980-PC2-30-100-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant7-0.13--93.60--43-PASS

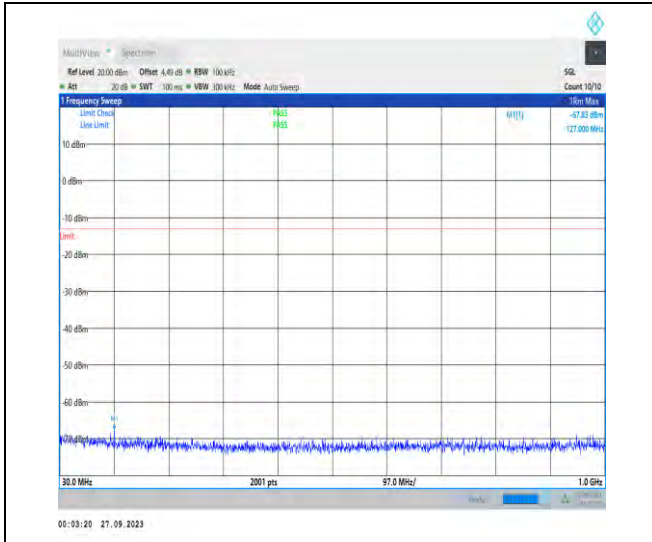


1-N77-3700-3980-PC2-30-100-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant7-29.94--85.55--33-PASS

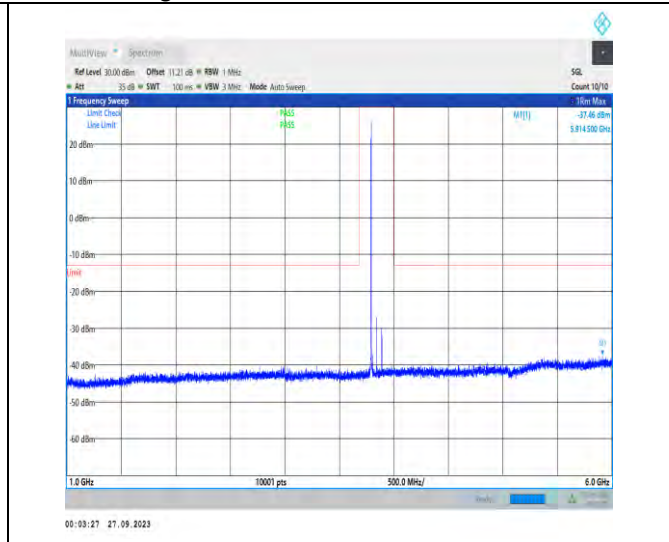


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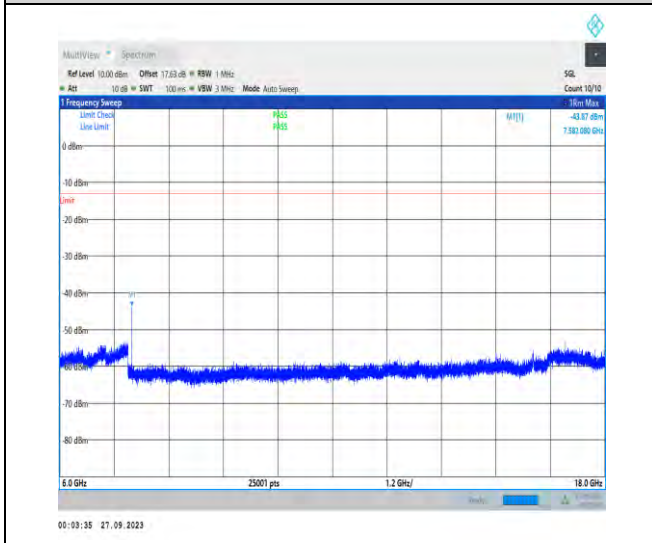
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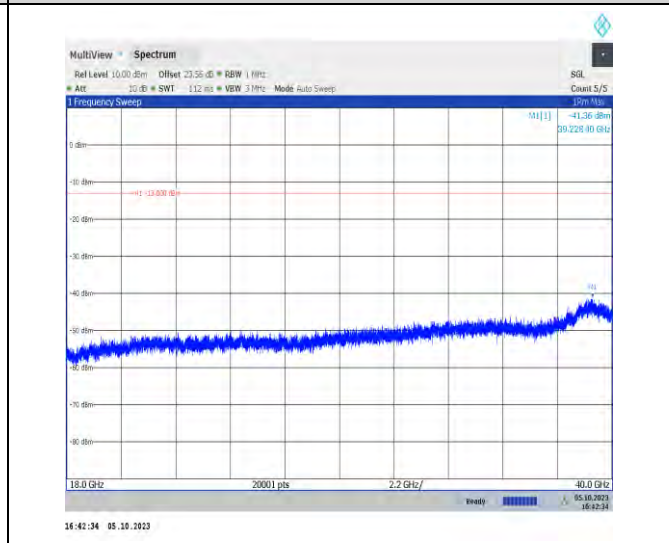
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1-N77-3700-3980-PC2-30-100-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-6000-Ant7-5914.50--37.46--13-PASS



1-N77-3700-3980-PC2-30-100-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-6000-18000-Ant7-7582.08--43.87--13-PASS

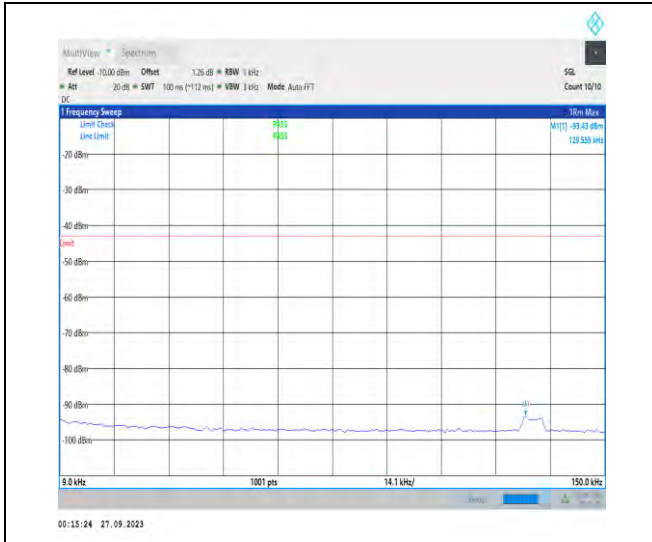


1-N77-3700-3980-PC2-30-100-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-18000-40000-Ant7-18000.00--56.58--13-PASS

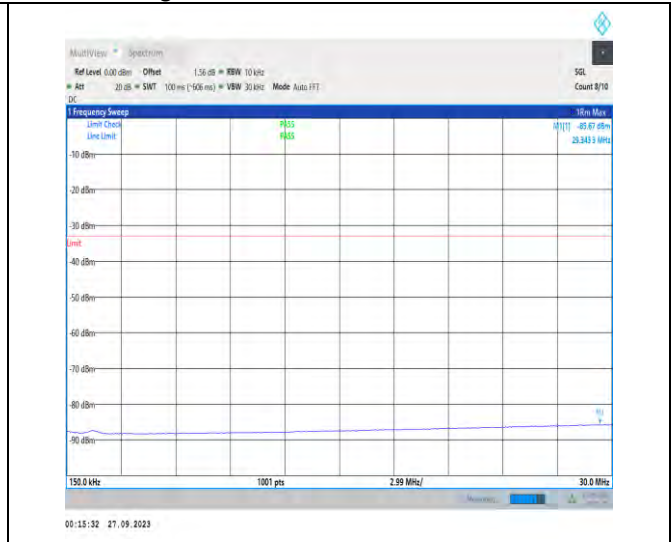


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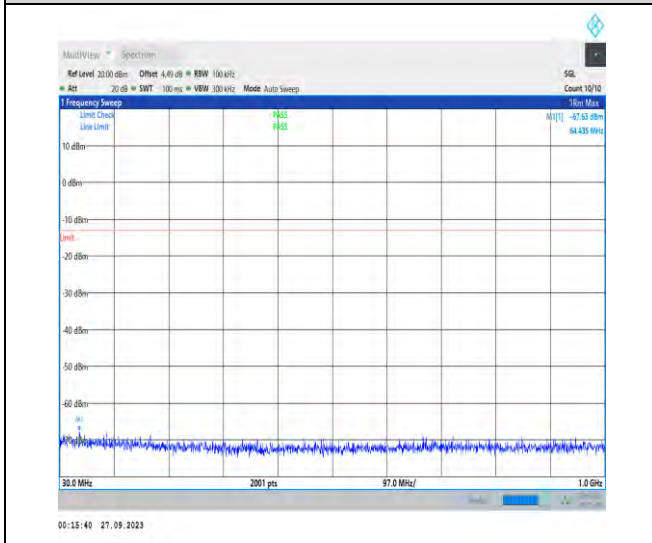
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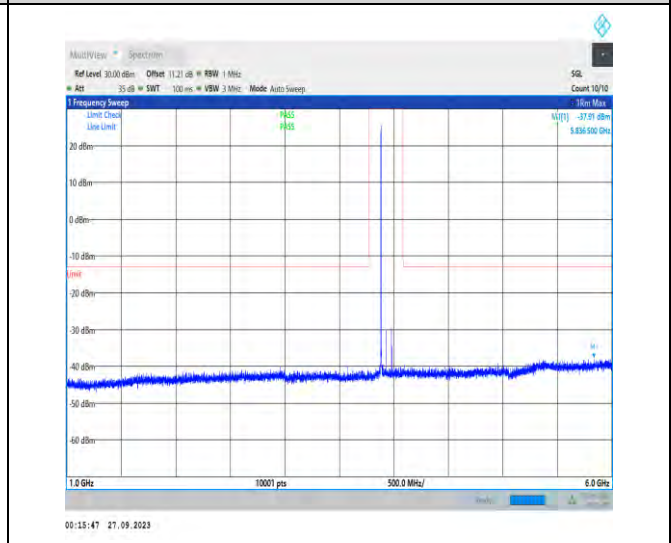
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3-PASS



1-N77-3700-3980-PC2-30-100-H-1-DFT-PI2BPSK-  
Inner\_1RB\_Left-1@1-0.15-30-Ant7-29.34--85.67--33-P  
ASS



1-N77-3700-3980-PC2-30-100-H-1-DFT-PI2BPSK-  
Inner\_1RB\_Left-1@1-30-1000-Ant7-64.44--67.63--13  
-PASS



1-N77-3700-3980-PC2-30-100-H-1-DFT-PI2BPSK-  
Inner\_1RB\_Left-1@1-1000-6000-Ant7-5836.50--37.91-  
-13-PASS



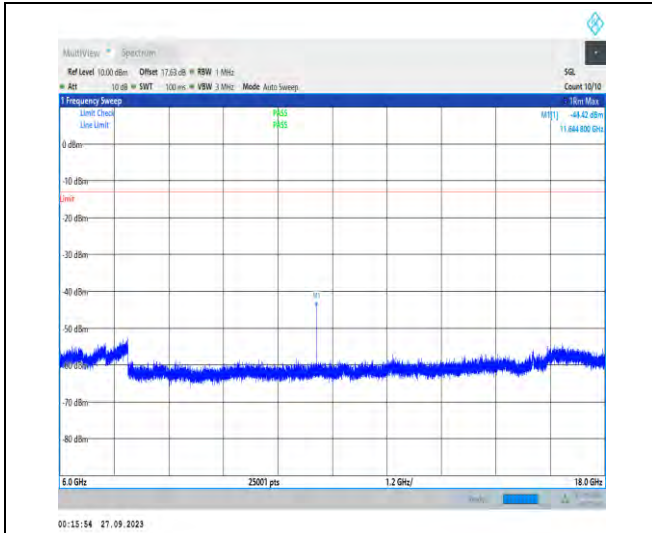
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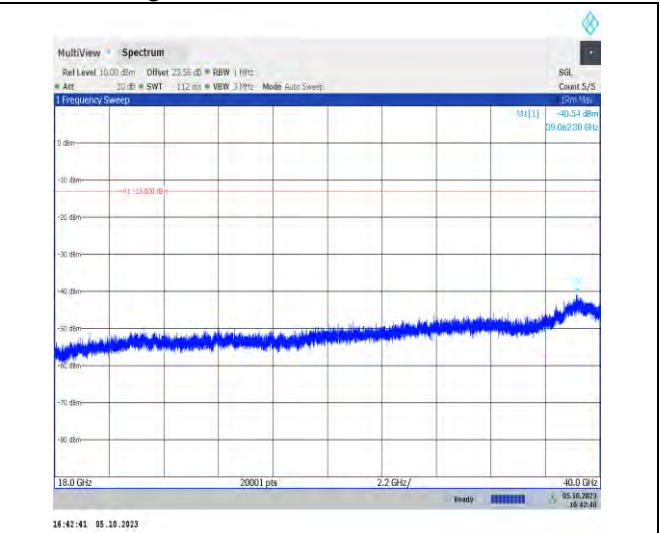
Report No.: SEWM2309000386RG02

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1-N77-3700-3980-PC2-30-100-H-1-DFT-PI2BPSK-I  
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 4.42--13-PASS



1-N77-3700-3980-PC2-30-100-H-1-DFT-PI2BPSK-In  
 ner\_1RB\_Left-1@1-18000-40000-Ant7-18000.00--55  
 .99--13-PASS



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## Field Strength of Spurious Radiation

Test Band = SA Band 77 3700-3980\_ TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7803.3333	34.93	-36.97	36.90	-60.40	-13.00	47.40	Horizontal
2	9556.6042	33.19	-33.70	37.77	-58.00	-13.00	45.00	Horizontal
3	11984.0625	29.84	-29.72	38.40	-56.74	-13.00	43.74	Horizontal
4	13605.5625	30.76	-28.85	40.02	-53.32	-13.00	40.32	Horizontal
5	15473.8333	28.88	-27.12	39.20	-54.30	-13.00	41.30	Horizontal
6	16841.375	30.98	-25.94	38.79	-51.43	-13.00	38.43	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7860.8333	34.73	-36.82	36.96	-60.38	-13.00	47.38	Vertical
2	10115.3125	31.72	-31.98	37.96	-57.56	-13.00	44.56	Vertical
3	12109.6042	30.39	-29.41	38.53	-55.75	-13.00	42.75	Vertical
4	13617.5417	30.69	-28.88	40.03	-53.42	-13.00	40.42	Vertical
5	16987.5208	29.57	-24.84	38.89	-51.64	-13.00	38.64	Vertical
6	17964.0625	29.62	-24.55	41.21	-48.98	-13.00	35.98	Vertical



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**Test Band = SA Band 77 3700-3980\_ TM1**  
**Test Channel = Mid**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	8334.25	42.05	-44.49	36.67	-61.03	-13.00	48.03	Horizontal
2	12022.875	38.10	-38.75	39.19	-56.73	-13.00	43.73	Horizontal
3	6910.18	42.86	-46.12	35.40	-63.11	-13.00	50.11	Horizontal
4	10365.27	38.01	-41.19	38.83	-59.61	-13.00	46.61	Horizontal
5	13820.36	36.17	-38.48	40.49	-57.09	-13.00	44.09	Horizontal
6	17275.45	35.72	-37.12	40.66	-56.00	-13.00	43.00	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7870.8958	42.92	-44.95	36.35	-60.93	-13.00	47.93	Vertical
2	12079.4167	38.26	-39.23	39.15	-57.07	-13.00	44.07	Vertical
3	6910.18	42.97	-46.12	35.40	-63.00	-13.00	50.00	Vertical
4	10365.27	38.60	-41.19	38.83	-59.02	-13.00	46.02	Vertical
5	13820.36	36.68	-38.48	40.49	-56.58	-13.00	43.58	Vertical
6	17275.45	36.34	-37.12	40.66	-55.38	-13.00	42.38	Vertical



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**Test Band = SA Band 77 3700-3980\_ TM1**  
**Test Channel = Hight**

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7972	34.95	-36.74	37.07	-59.98	-13.00	46.98	Horizontal
2	10288.2917	31.75	-32.09	38.04	-57.56	-13.00	44.56	Horizontal
3	12786.1875	30.69	-29.59	39.34	-54.82	-13.00	41.82	Horizontal
4	13625.2083	31.09	-28.90	40.04	-53.04	-13.00	40.04	Horizontal
5	15834.6458	29.52	-27.40	38.51	-54.62	-13.00	41.62	Horizontal
6	17343.5417	29.71	-25.70	39.72	-51.53	-13.00	38.53	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7932.7083	35.35	-36.72	37.03	-59.60	-13.00	46.60	Vertical
2	9512.5208	33.84	-33.86	37.75	-57.52	-13.00	44.52	Vertical
3	12923.7083	31.85	-30.02	39.51	-53.92	-13.00	40.92	Vertical
4	14504.9583	30.43	-29.14	40.20	-53.77	-13.00	40.77	Vertical
5	16973.625	29.76	-24.98	38.88	-51.60	-13.00	38.60	Vertical
6	17786.7708	28.63	-23.82	40.79	-49.66	-13.00	36.66	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

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



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## Frequency Stability for SA

### Test Result

### Frequency Error VS. Voltage

Voltage										
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	10.600000	0.002760	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	6.400000	0.001667	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	11.000000	0.002865	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	VH	NT	-0.100000	-0.000026	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	VN	NT	-0.100000	-0.000026	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	VL	NT	-1.900000	-0.000495	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	16.700000	0.004349	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	13.800000	0.003594	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	6.100000	0.001589	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	22.600000	0.005885	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	1.600000	0.000417	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	5.900000	0.001536	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	7.600000	0.001979	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	8.500000	0.002214	PASS
N77-3700-3980	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	5.700000	0.001484	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-30	0.300000	0.000078	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-20	1.600000	0.000417	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	-10	-0.600000	-0.000156	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	0	4.800000	0.001250	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	10	4.000000	0.001042	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	20	-11.500000	-0.002995	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	30	3.700000	0.000964	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	40	3.500000	0.000911	PASS
N77-3700-3980	30	100	CP-QPSK	M	Outer_Full	NV	50	-0.600000	-0.000156	PASS

---End of Attachment---



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