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# Appendix B.30

## NR Band n78(3700-3800)



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

### Test Result

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Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N78-3700-3800	30	10	DFT-QPSK	L	Inner_1RB_Left	23.23	23.85	30.00	PASS
N78-3700-3800	30	10	DFT-16QAM	L	Inner_1RB_Left	22.2	22.82	30.00	PASS
N78-3700-3800	30	10	DFT-QPSK	M	Inner_1RB_Left	23.63	24.25	30.00	PASS
N78-3700-3800	30	10	DFT-16QAM	M	Inner_1RB_Left	22.59	23.21	30.00	PASS
N78-3700-3800	30	10	DFT-QPSK	H	Inner_1RB_Left	23.76	24.38	30.00	PASS
N78-3700-3800	30	10	DFT-QPSK	H	Outer_Full	22.79	23.41	30.00	PASS
N78-3700-3800	30	10	DFT-16QAM	H	Inner_1RB_Left	22.78	23.4	30.00	PASS
N78-3700-3800	30	15	DFT-QPSK	L	Inner_1RB_Left	23.39	24.01	30.00	PASS
N78-3700-3800	30	15	DFT-16QAM	L	Inner_1RB_Left	22.4	23.02	30.00	PASS
N78-3700-3800	30	15	DFT-QPSK	M	Inner_1RB_Left	23.65	24.27	30.00	PASS
N78-3700-3800	30	15	DFT-16QAM	M	Inner_1RB_Left	22.63	23.25	30.00	PASS
N78-3700-3800	30	15	DFT-QPSK	H	Inner_1RB_Left	23.77	24.39	30.00	PASS
N78-3700-3800	30	15	DFT-16QAM	H	Inner_1RB_Left	22.78	23.4	30.00	PASS
N78-3700-3800	30	20	DFT-QPSK	L	Inner_1RB_Left	23.35	23.97	30.00	PASS
N78-3700-3800	30	20	DFT-16QAM	L	Inner_1RB_Left	22.38	23	30.00	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Inner_1RB_Left	23.63	24.25	30.00	PASS
N78-3700-3800	30	20	DFT-16QAM	M	Inner_1RB_Left	22.64	23.26	30.00	PASS
N78-3700-3800	30	20	DFT-QPSK	H	Inner_1RB_Left	23.82	24.44	30.00	PASS
N78-3700-3800	30	20	DFT-16QAM	H	Inner_1RB_Left	22.88	23.5	30.00	PASS
N78-3700-3800	30	30	DFT-QPSK	L	Inner_1RB_Left	23.37	23.99	30.00	PASS
N78-3700-3800	30	30	DFT-16QAM	L	Inner_1RB_Left	22.52	23.14	30.00	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Inner_1RB_Left	23.74	24.36	30.00	PASS
N78-3700-3800	30	30	DFT-16QAM	M	Inner_1RB_Left	22.73	23.35	30.00	PASS
N78-3700-3800	30	30	DFT-QPSK	H	Inner_1RB_Left	24.03	24.65	30.00	PASS
N78-3700-3800	30	30	DFT-16QAM	H	Inner_1RB_Left	23.07	23.69	30.00	PASS
N78-3700-3800	30	40	DFT-QPSK	L	Inner_1RB_Left	23.54	24.16	30.00	PASS
N78-3700-3800	30	40	DFT-16QAM	L	Inner_1RB_Left	22.58	23.2	30.00	PASS
N78-3700-3800	30	40	DFT-QPSK	M	Inner_1RB_Left	23.71	24.33	30.00	PASS
N78-3700-3800	30	40	DFT-16QAM	M	Inner_1RB_Left	22.77	23.39	30.00	PASS
N78-3700-3800	30	40	DFT-QPSK	H	Inner_1RB_Left	23.86	24.48	30.00	PASS



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N78-3700-3800	30	40	DFT-16QAM	H	Inner_1RB_Left	22.94	23.56	30.00	PASS
N78-3700-3800	30	50	DFT-QPSK	L	Inner_1RB_Left	23.27	23.89	30.00	PASS
N78-3700-3800	30	50	DFT-16QAM	L	Inner_1RB_Left	22.34	22.96	30.00	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Inner_1RB_Left	23.26	23.88	30.00	PASS
N78-3700-3800	30	50	DFT-16QAM	M	Inner_1RB_Left	22.31	22.93	30.00	PASS
N78-3700-3800	30	50	DFT-QPSK	H	Inner_1RB_Left	23.27	23.89	30.00	PASS
N78-3700-3800	30	50	DFT-16QAM	H	Inner_1RB_Left	22.42	23.04	30.00	PASS
N78-3700-3800	30	60	DFT-QPSK	L	Inner_1RB_Left	23.08	23.7	30.00	PASS
N78-3700-3800	30	60	DFT-16QAM	L	Inner_1RB_Left	22.14	22.76	30.00	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Inner_1RB_Left	23.13	23.75	30.00	PASS
N78-3700-3800	30	60	DFT-16QAM	M	Inner_1RB_Left	22.18	22.8	30.00	PASS
N78-3700-3800	30	60	DFT-QPSK	H	Inner_1RB_Left	23.24	23.86	30.00	PASS
N78-3700-3800	30	60	DFT-16QAM	H	Inner_1RB_Left	22.31	22.93	30.00	PASS
N78-3700-3800	30	70	DFT-QPSK	L	Inner_1RB_Left	23.15	23.77	30.00	PASS
N78-3700-3800	30	70	DFT-16QAM	L	Inner_1RB_Left	22.19	22.81	30.00	PASS
N78-3700-3800	30	70	DFT-QPSK	M	Inner_1RB_Left	23.1	23.72	30.00	PASS
N78-3700-3800	30	70	DFT-16QAM	M	Inner_1RB_Left	22.19	22.81	30.00	PASS
N78-3700-3800	30	70	DFT-QPSK	H	Inner_1RB_Left	23.17	23.79	30.00	PASS
N78-3700-3800	30	70	DFT-16QAM	H	Inner_1RB_Left	22.2	22.82	30.00	PASS
N78-3700-3800	30	80	DFT-QPSK	L	Inner_1RB_Left	23.08	23.7	30.00	PASS
N78-3700-3800	30	80	DFT-16QAM	L	Inner_1RB_Left	22.13	22.75	30.00	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Inner_1RB_Left	23	23.62	30.00	PASS
N78-3700-3800	30	80	DFT-16QAM	M	Inner_1RB_Left	22.16	22.78	30.00	PASS
N78-3700-3800	30	80	DFT-QPSK	H	Inner_1RB_Left	23.03	23.65	30.00	PASS
N78-3700-3800	30	80	DFT-16QAM	H	Inner_1RB_Left	22.14	22.76	30.00	PASS
N78-3700-3800	30	90	DFT-QPSK	L	Inner_1RB_Left	23.04	23.66	30.00	PASS
N78-3700-3800	30	90	DFT-16QAM	L	Inner_1RB_Left	22.17	22.79	30.00	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Inner_1RB_Left	23.06	23.68	30.00	PASS
N78-3700-3800	30	90	DFT-16QAM	M	Inner_1RB_Left	22.13	22.75	30.00	PASS
N78-3700-3800	30	90	DFT-QPSK	H	Inner_1RB_Left	22.93	23.55	30.00	PASS
N78-3700-3800	30	90	DFT-16QAM	H	Inner_1RB_Left	11.07	11.69	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	22.99	23.61	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	23.64	24.26	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	L	Outer_Full	22.9	23.52	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	L	Inner_1RB_Left	22.97	23.59	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	L	Inner_1RB_Right	23.59	24.21	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	L	Outer_Full	22.36	22.98	30.00	PASS



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N78-3700-3800	30	100	DFT-16QAM	L	Inner_1RB_Left	22.06	22.68	30.00	PASS
N78-3700-3800	30	100	DFT-16QAM	L	Inner_1RB_Right	22.65	23.27	30.00	PASS
N78-3700-3800	30	100	DFT-16QAM	L	Outer_Full	21.37	21.99	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	L	Inner_1RB_Left	20.88	21.5	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	L	Inner_1RB_Right	21.48	22.1	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	L	Outer_Full	21.39	22.01	30.00	PASS
N78-3700-3800	30	100	DFT-256QAM	L	Inner_1RB_Left	19.89	20.51	30.00	PASS
N78-3700-3800	30	100	DFT-256QAM	L	Inner_1RB_Right	20.47	21.09	30.00	PASS
N78-3700-3800	30	100	DFT-256QAM	L	Outer_Full	20.39	21.01	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Inner_1RB_Left	23.03	23.65	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Inner_1RB_Right	23.62	24.24	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	Outer_Full	22.89	23.51	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Inner_1RB_Left	23.03	23.65	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Inner_1RB_Right	23.65	24.27	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	22.39	23.01	30.00	PASS
N78-3700-3800	30	100	DFT-16QAM	M	Inner_1RB_Left	22.07	22.69	30.00	PASS
N78-3700-3800	30	100	DFT-16QAM	M	Inner_1RB_Right	22.67	23.29	30.00	PASS
N78-3700-3800	30	100	DFT-16QAM	M	Outer_Full	21.39	22.01	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	M	Inner_1RB_Left	20.86	21.48	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	M	Inner_1RB_Right	21.48	22.1	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	M	Outer_Full	21.4	22.02	30.00	PASS
N78-3700-3800	30	100	DFT-256QAM	M	Inner_1RB_Left	19.92	20.54	30.00	PASS
N78-3700-3800	30	100	DFT-256QAM	M	Inner_1RB_Right	20.54	21.16	30.00	PASS
N78-3700-3800	30	100	DFT-256QAM	M	Outer_Full	20.42	21.04	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	H	Inner_1RB_Left	22.99	23.61	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	H	Inner_1RB_Right	23.67	24.29	30.00	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	H	Outer_Full	22.93	23.55	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	H	Inner_1RB_Left	23	23.62	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	H	Inner_1RB_Right	23.62	24.24	30.00	PASS
N78-3700-3800	30	100	DFT-QPSK	H	Outer_Full	22.37	22.99	30.00	PASS
N78-3700-3800	30	100	DFT-16QAM	H	Inner_1RB_Left	22.1	22.72	30.00	PASS
N78-3700-3800	30	100	DFT-16QAM	H	Inner_1RB_Right	22.68	23.3	30.00	PASS
N78-3700-3800	30	100	DFT-16QAM	H	Outer_Full	21.4	22.02	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	H	Inner_1RB_Left	21.12	21.74	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	H	Inner_1RB_Right	21.48	22.1	30.00	PASS
N78-3700-3800	30	100	DFT-64QAM	H	Outer_Full	21.4	22.02	30.00	PASS
N78-3700-3800	30	100	DFT-256QAM	H	Inner_1RB_Left	19.95	20.57	30.00	PASS



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N78-3700-3800	30	100	DFT-256QAM	H	Inner_1RB_Right	20.52	21.14	30.00	PASS
N78-3700-3800	30	100	DFT-256QAM	H	Outer_Full	20.42	21.04	30.00	PASS



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## Peak-to-Average Ratio for SA

### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N78-3700-3800	30	100	DFT-256QAM	M	Outer_Full	6.41	≤13	PASS
N78-3700-3800	30	100	CP-256QAM	M	Outer_Full	6.43	≤13	PASS



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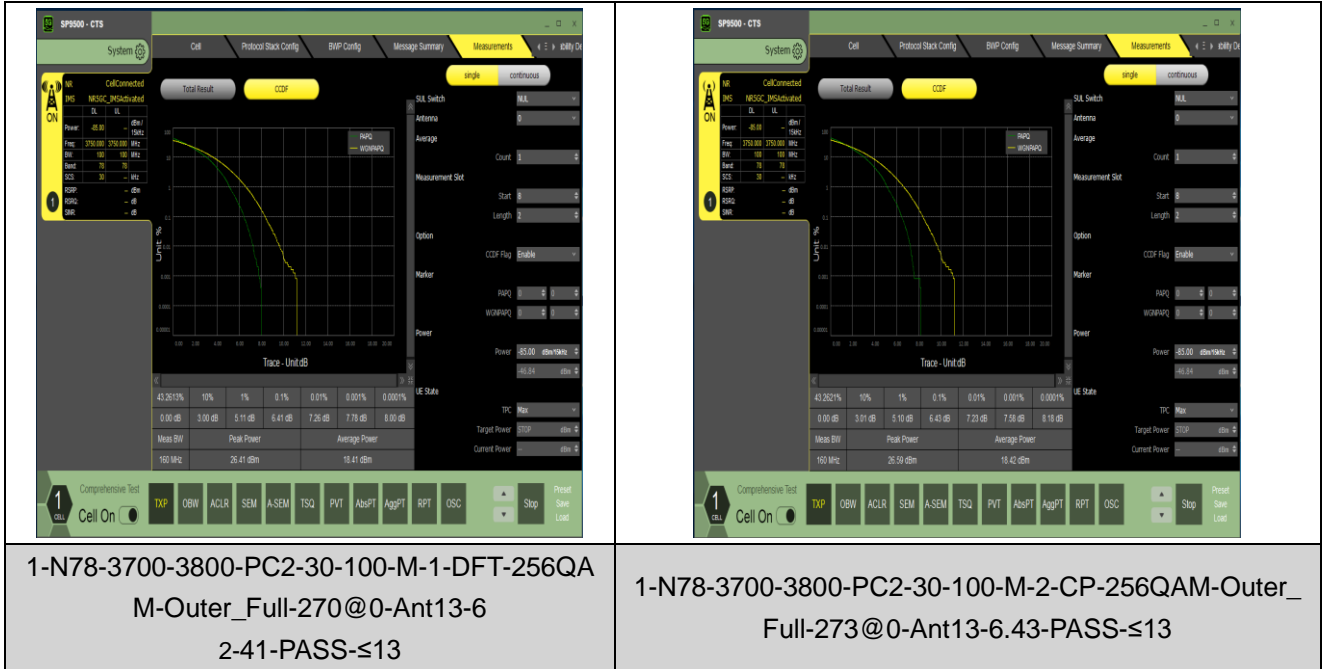
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Test Graphs



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### 26dB Bandwidth and Occupied Bandwidth for SA

#### Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N78-3700-3800	30	10	DFT-QPSK	M	24@0	8.591	9.280	PASS
N78-3700-3800	30	10	DFT-PI2BPSK	M	24@0	8.611	9.160	PASS
N78-3700-3800	30	10	DFT-16QAM	M	24@0	8.671	9.700	PASS
N78-3700-3800	30	10	DFT-64QAM	M	24@0	8.571	9.300	PASS
N78-3700-3800	30	10	DFT-256QAM	M	24@0	8.631	9.660	PASS
N78-3700-3800	30	10	CP-QPSK	M	24@0	8.651	10.080	PASS
N78-3700-3800	30	10	CP-16QAM	M	24@0	8.611	9.260	PASS
N78-3700-3800	30	10	CP-64QAM	M	24@0	8.651	9.720	PASS
N78-3700-3800	30	10	CP-256QAM	M	24@0	8.591	9.120	PASS
N78-3700-3800	30	15	DFT-QPSK	M	36@0	12.857	14.070	PASS
N78-3700-3800	30	15	DFT-PI2BPSK	M	36@0	12.797	13.950	PASS
N78-3700-3800	30	15	DFT-16QAM	M	36@0	12.857	13.860	PASS
N78-3700-3800	30	15	DFT-64QAM	M	36@0	12.917	13.770	PASS
N78-3700-3800	30	15	DFT-256QAM	M	36@0	12.857	13.530	PASS
N78-3700-3800	30	15	CP-QPSK	M	38@0	13.666	14.700	PASS
N78-3700-3800	30	15	CP-16QAM	M	38@0	13.576	14.430	PASS
N78-3700-3800	30	15	CP-64QAM	M	38@0	13.606	14.490	PASS
N78-3700-3800	30	15	CP-256QAM	M	38@0	13.606	14.460	PASS
N78-3700-3800	30	20	DFT-QPSK	M	50@0	17.862	19.240	PASS
N78-3700-3800	30	20	DFT-PI2BPSK	M	50@0	17.822	19.120	PASS
N78-3700-3800	30	20	DFT-16QAM	M	50@0	17.822	18.600	PASS
N78-3700-3800	30	20	DFT-64QAM	M	50@0	17.862	19.000	PASS
N78-3700-3800	30	20	DFT-256QAM	M	50@0	17.862	19.480	PASS
N78-3700-3800	30	20	CP-QPSK	M	51@0	18.222	19.400	PASS
N78-3700-3800	30	20	CP-16QAM	M	51@0	18.182	19.040	PASS
N78-3700-3800	30	20	CP-64QAM	M	51@0	18.262	19.400	PASS
N78-3700-3800	30	20	CP-256QAM	M	51@0	18.182	19.240	PASS
N78-3700-3800	30	30	DFT-QPSK	M	75@0	27.185	29.760	PASS
N78-3700-3800	30	30	DFT-PI2BPSK	M	75@0	27.126	29.280	PASS



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N78-3700-3800	30	30	DFT-16QAM	M	75@0	27.16	29.460	PASS
N78-3700-3800	30	30	DFT-64QAM	M	75@0	27.086	29.400	PASS
N78-3700-3800	30	30	DFT-256QAM	M	75@0	27.178	29.340	PASS
N78-3700-3800	30	30	CP-QPSK	M	78@0	28.122	30.420	PASS
N78-3700-3800	30	30	CP-16QAM	M	78@0	28.194	30.600	PASS
N78-3700-3800	30	30	CP-64QAM	M	78@0	28.192	30.540	PASS
N78-3700-3800	30	30	CP-256QAM	M	78@0	28.191	30.240	PASS
N78-3700-3800	30	40	DFT-QPSK	M	100@0	35.889	38.480	PASS
N78-3700-3800	30	40	DFT-PI2BPSK	M	100@0	35.936	38.240	PASS
N78-3700-3800	30	40	DFT-16QAM	M	100@0	35.977	38.400	PASS
N78-3700-3800	30	40	DFT-64QAM	M	100@0	36.08	38.320	PASS
N78-3700-3800	30	40	DFT-256QAM	M	100@0	36.046	38.320	PASS
N78-3700-3800	30	40	CP-QPSK	M	106@0	38.051	40.720	PASS
N78-3700-3800	30	40	CP-16QAM	M	106@0	38.034	40.480	PASS
N78-3700-3800	30	40	CP-64QAM	M	106@0	37.951	40.720	PASS
N78-3700-3800	30	40	CP-256QAM	M	106@0	38.008	40.560	PASS
N78-3700-3800	30	50	DFT-QPSK	M	128@0	45.69	48.500	PASS
N78-3700-3800	30	50	DFT-PI2BPSK	M	128@0	45.844	48.400	PASS
N78-3700-3800	30	50	DFT-16QAM	M	128@0	45.83	48.500	PASS
N78-3700-3800	30	50	DFT-64QAM	M	128@0	45.828	48.300	PASS
N78-3700-3800	30	50	DFT-256QAM	M	128@0	45.654	48.600	PASS
N78-3700-3800	30	50	CP-QPSK	M	133@0	47.648	50.300	PASS
N78-3700-3800	30	50	CP-16QAM	M	133@0	47.528	50.300	PASS
N78-3700-3800	30	50	CP-64QAM	M	133@0	47.698	50.600	PASS
N78-3700-3800	30	50	CP-256QAM	M	133@0	47.641	50.200	PASS
N78-3700-3800	30	60	DFT-QPSK	M	162@0	58.039	60.720	PASS
N78-3700-3800	30	60	DFT-PI2BPSK	M	162@0	57.789	60.720	PASS
N78-3700-3800	30	60	DFT-16QAM	M	162@0	57.842	60.720	PASS
N78-3700-3800	30	60	DFT-64QAM	M	162@0	58.039	60.840	PASS
N78-3700-3800	30	60	DFT-256QAM	M	162@0	57.793	60.720	PASS
N78-3700-3800	30	60	CP-QPSK	M	162@0	57.983	60.960	PASS
N78-3700-3800	30	60	CP-16QAM	M	162@0	57.849	60.600	PASS
N78-3700-3800	30	60	CP-64QAM	M	162@0	58.035	60.960	PASS
N78-3700-3800	30	60	CP-256QAM	M	162@0	57.653	60.720	PASS
N78-3700-3800	30	70	DFT-QPSK	M	180@0	64.233	67.340	PASS
N78-3700-3800	30	70	DFT-PI2BPSK	M	180@0	64.038	67.480	PASS
N78-3700-3800	30	70	DFT-16QAM	M	180@0	64.108	67.200	PASS



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N78-3700-3800	30	70	DFT-64QAM	M	180@0	64.222	67.480	PASS
N78-3700-3800	30	70	DFT-256QAM	M	180@0	64.319	67.340	PASS
N78-3700-3800	30	70	CP-QPSK	M	189@0	67.538	70.420	PASS
N78-3700-3800	30	70	CP-16QAM	M	189@0	67.487	70.980	PASS
N78-3700-3800	30	70	CP-64QAM	M	189@0	67.757	70.420	PASS
N78-3700-3800	30	70	CP-256QAM	M	189@0	67.343	70.420	PASS
N78-3700-3800	30	80	DFT-QPSK	M	216@0	77.052	80.320	PASS
N78-3700-3800	30	80	DFT-PI2BPSK	M	216@0	76.993	80.160	PASS
N78-3700-3800	30	80	DFT-16QAM	M	216@0	77.174	80.480	PASS
N78-3700-3800	30	80	DFT-64QAM	M	216@0	77.076	80.480	PASS
N78-3700-3800	30	80	DFT-256QAM	M	216@0	77.246	80.320	PASS
N78-3700-3800	30	80	CP-QPSK	M	217@0	77.431	80.480	PASS
N78-3700-3800	30	80	CP-16QAM	M	217@0	77.488	80.640	PASS
N78-3700-3800	30	80	CP-64QAM	M	217@0	77.64	80.800	PASS
N78-3700-3800	30	80	CP-256QAM	M	217@0	77.347	80.960	PASS
N78-3700-3800	30	90	DFT-QPSK	M	240@0	85.679	89.100	PASS
N78-3700-3800	30	90	DFT-PI2BPSK	M	240@0	85.763	88.920	PASS
N78-3700-3800	30	90	DFT-16QAM	M	240@0	85.829	88.740	PASS
N78-3700-3800	30	90	DFT-64QAM	M	240@0	85.776	88.920	PASS
N78-3700-3800	30	90	DFT-256QAM	M	240@0	85.652	89.280	PASS
N78-3700-3800	30	90	CP-QPSK	M	245@0	87.193	90.720	PASS
N78-3700-3800	30	90	CP-16QAM	M	245@0	87.327	90.900	PASS
N78-3700-3800	30	90	CP-64QAM	M	245@0	87.317	90.720	PASS
N78-3700-3800	30	90	CP-256QAM	M	245@0	87.262	90.900	PASS
N78-3700-3800	30	100	DFT-QPSK	M	270@0	96.312	100.200	PASS
N78-3700-3800	30	100	DFT-PI2BPSK	M	270@0	96.375	99.60	PASS
N78-3700-3800	30	100	DFT-16QAM	M	270@0	96.376	99.800	PASS
N78-3700-3800	30	100	DFT-64QAM	M	270@0	96.172	100.000	PASS
N78-3700-3800	30	100	DFT-256QAM	M	270@0	96.401	99.800	PASS
N78-3700-3800	30	100	CP-QPSK	M	273@0	97.208	101.000	PASS
N78-3700-3800	30	100	CP-16QAM	M	273@0	97.481	101.000	PASS
N78-3700-3800	30	100	CP-64QAM	M	273@0	97.239	101.000	PASS
N78-3700-3800	30	100	CP-256QAM	M	273@0	97.301	100.800	PASS

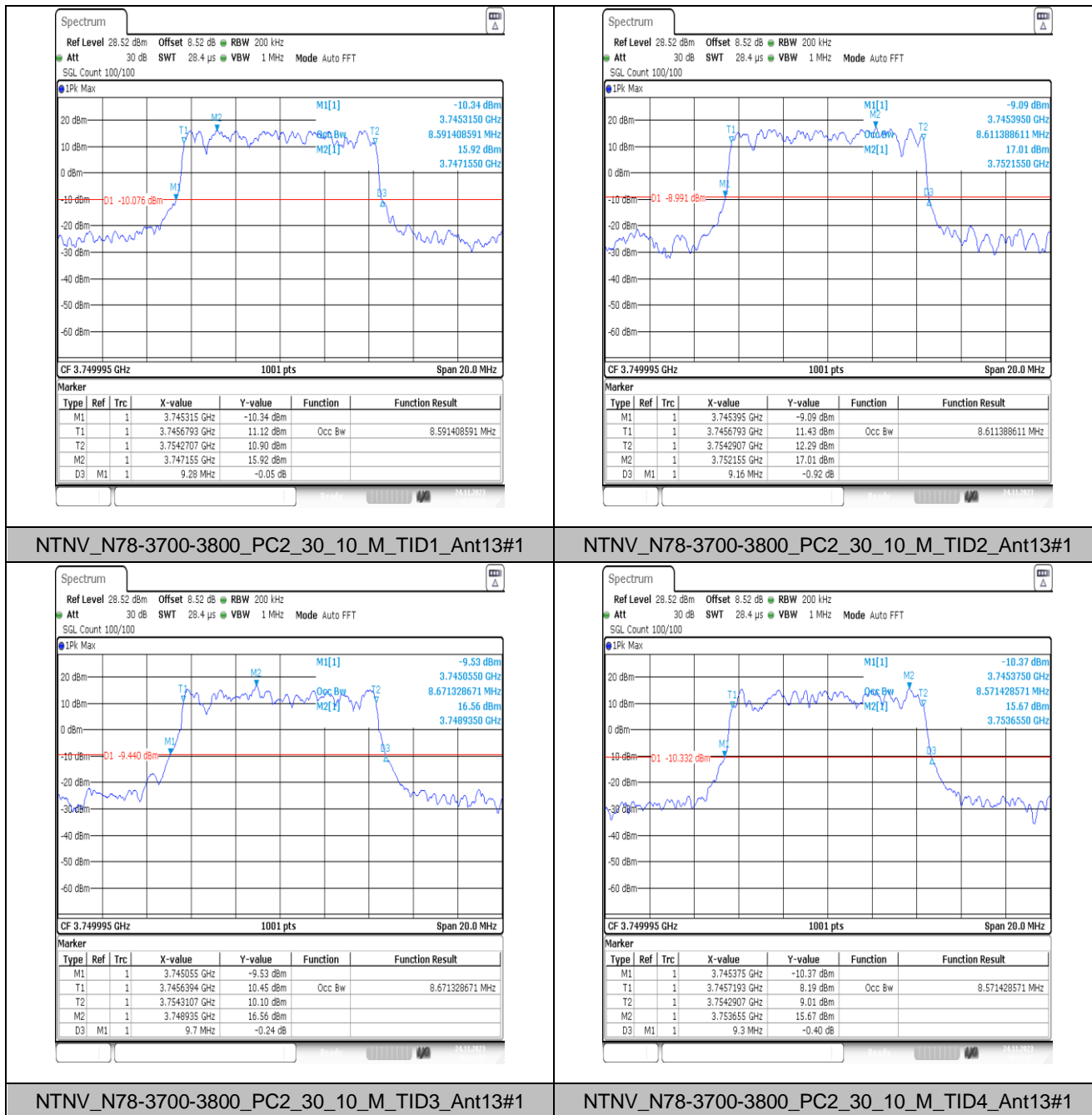


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Test Graphs



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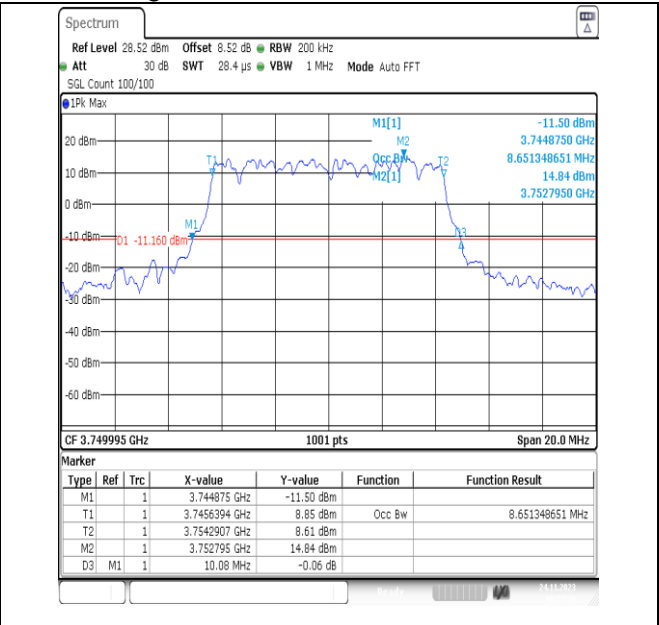
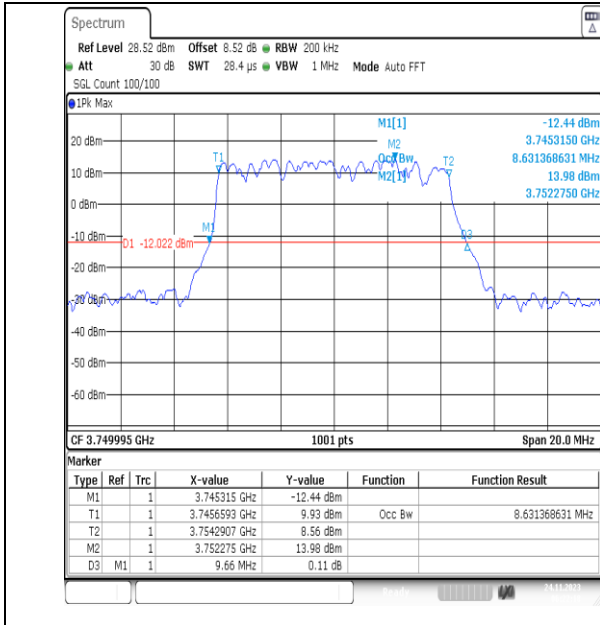
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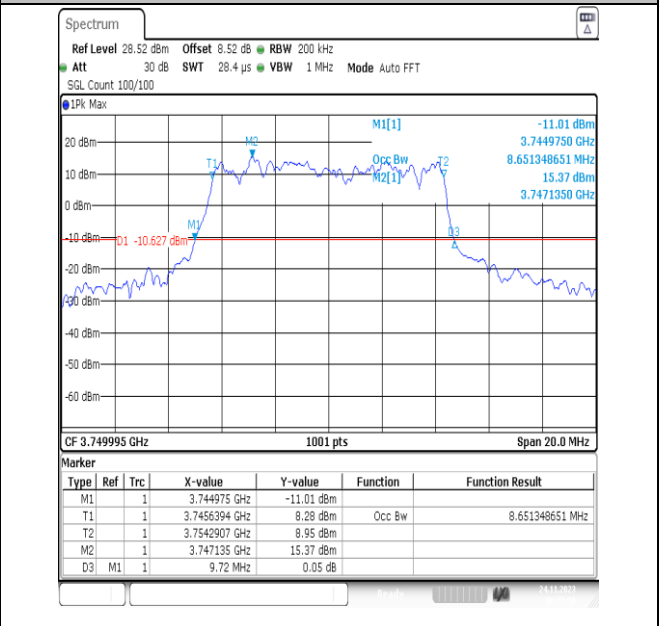
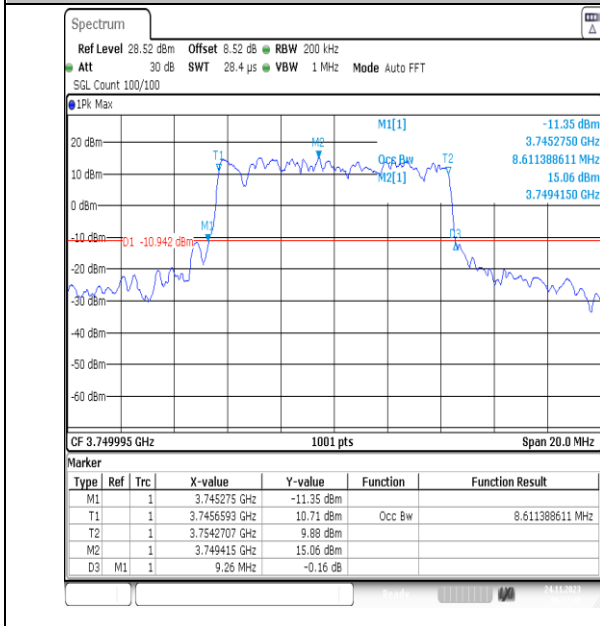


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NTNV\_N78-3700-3800\_PC2\_30\_10\_M\_TID6\_Ant13#1



NTNV\_N78-3700-3800\_PC2\_30\_10\_M\_TID7\_Ant13#1

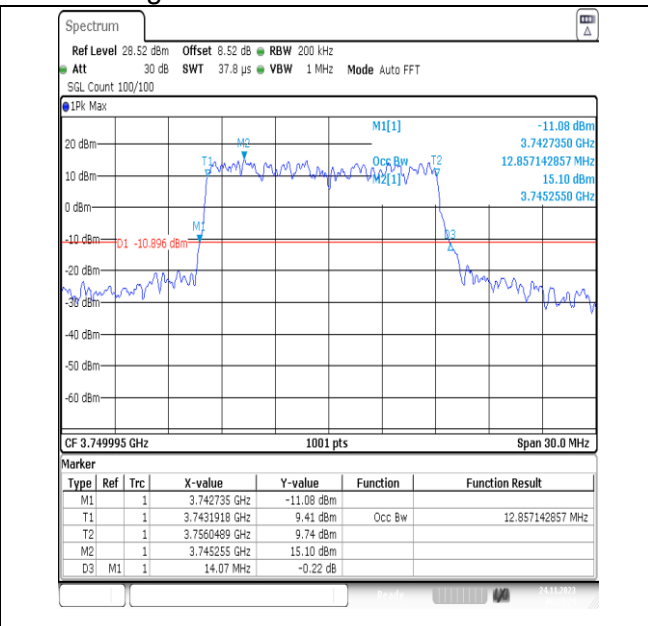
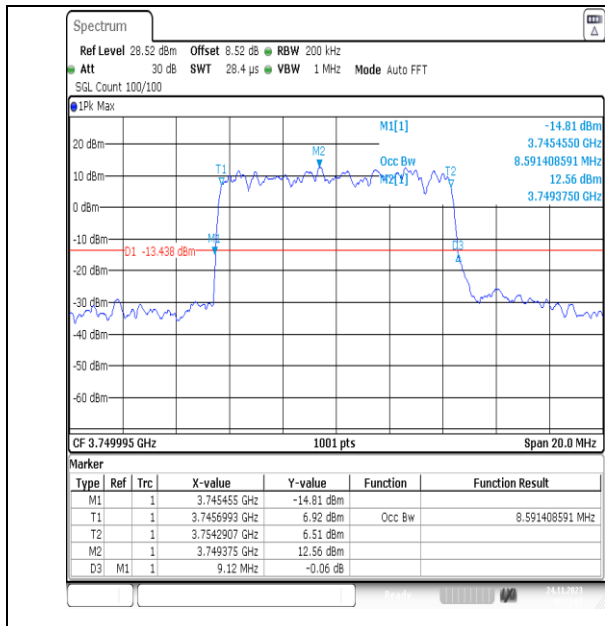
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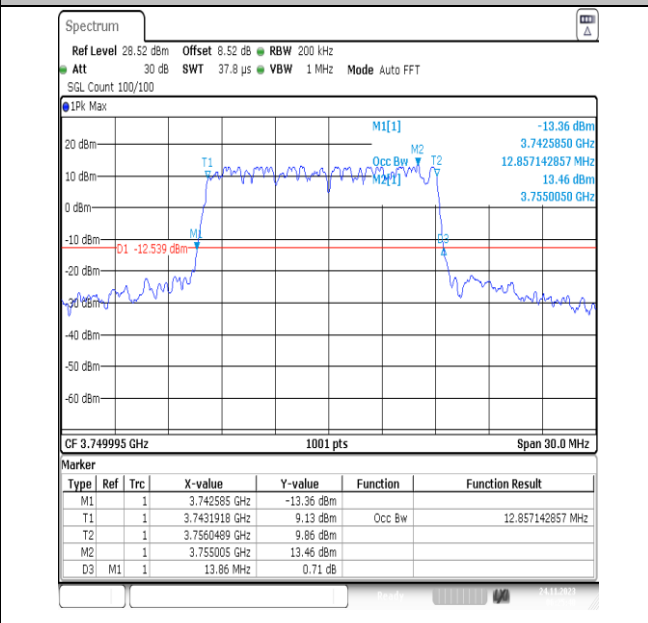
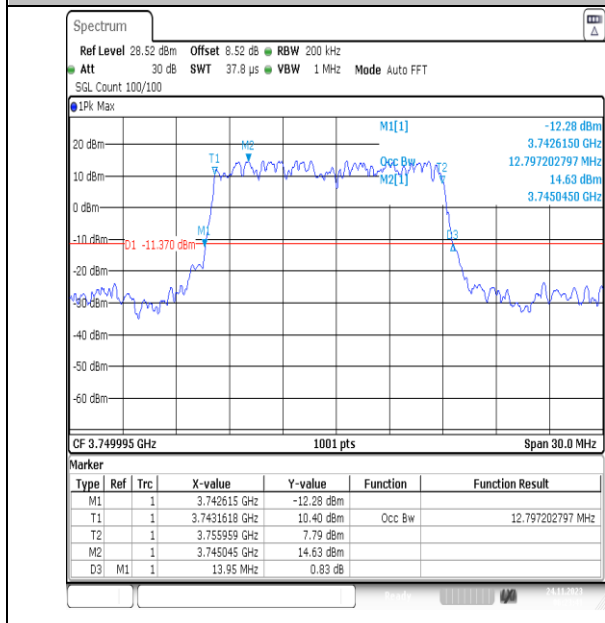
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NTNV\_N78-3700-3800\_PC2\_30\_10\_M\_TID9\_Ant13#1

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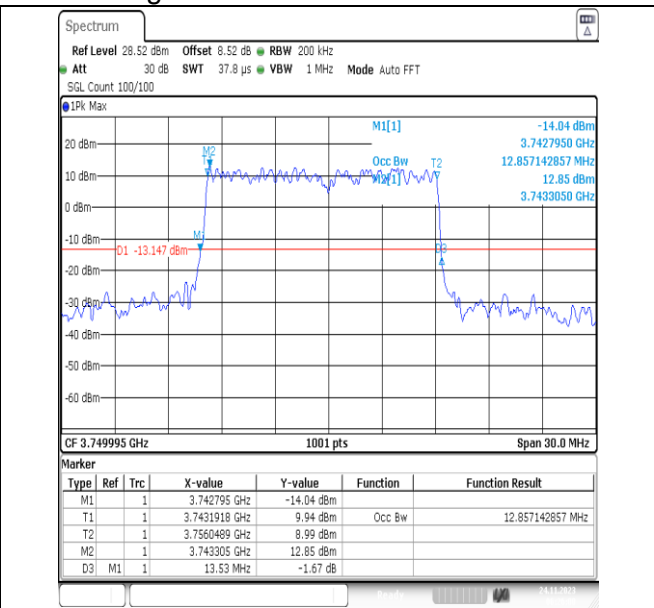
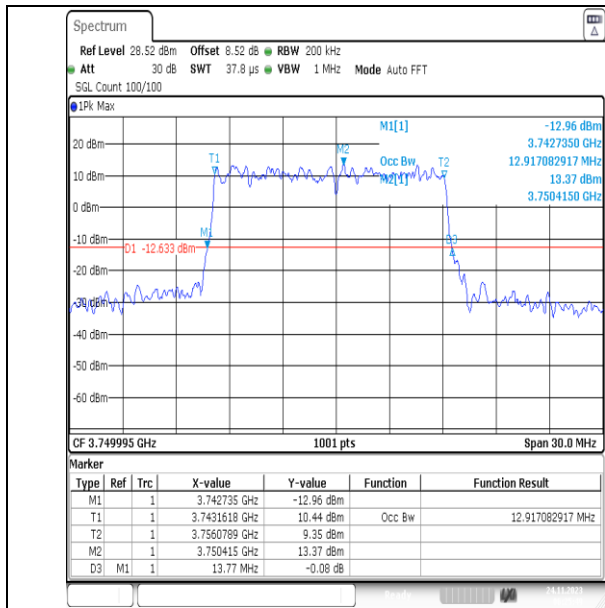
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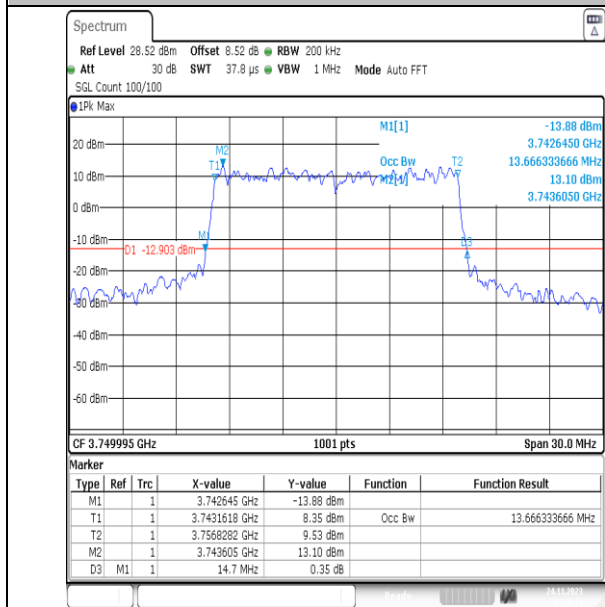
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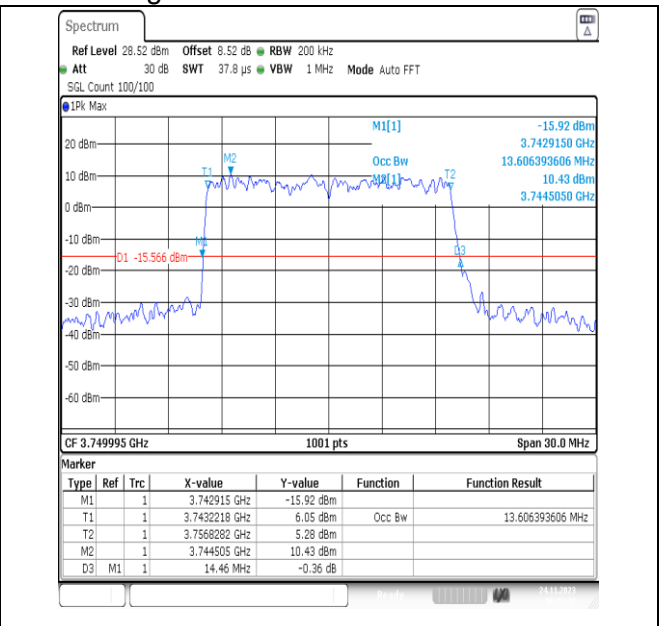
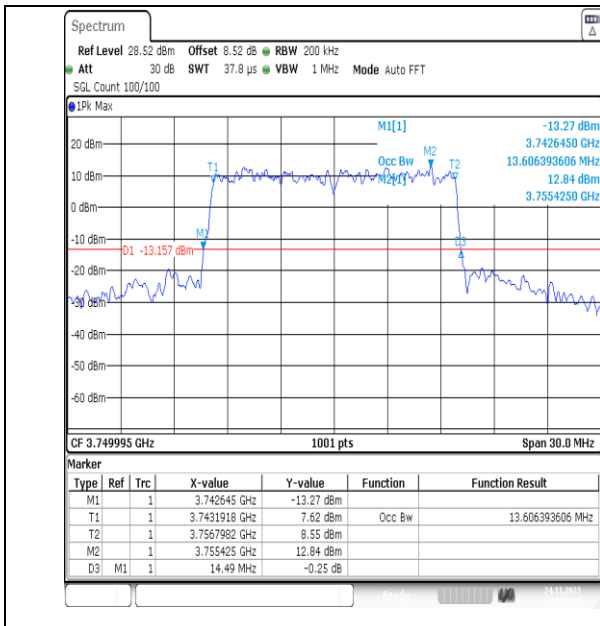
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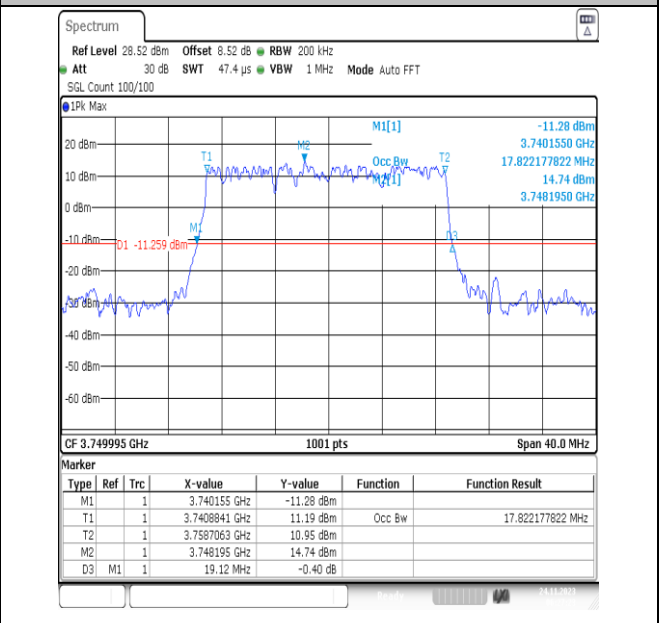
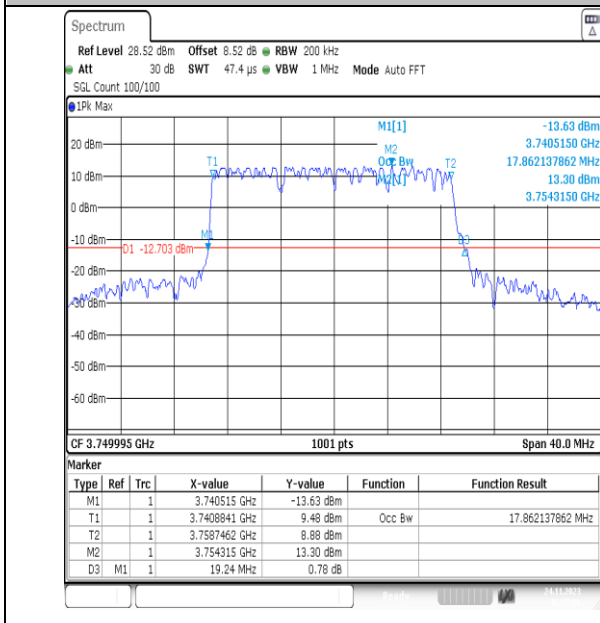
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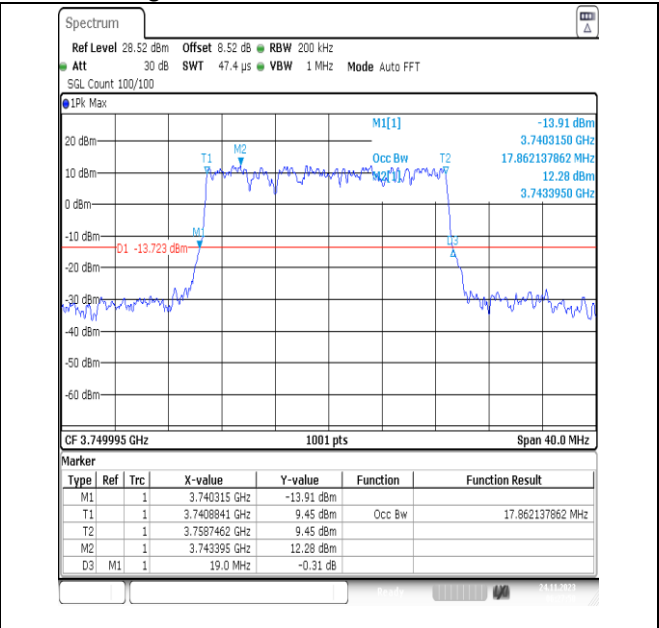
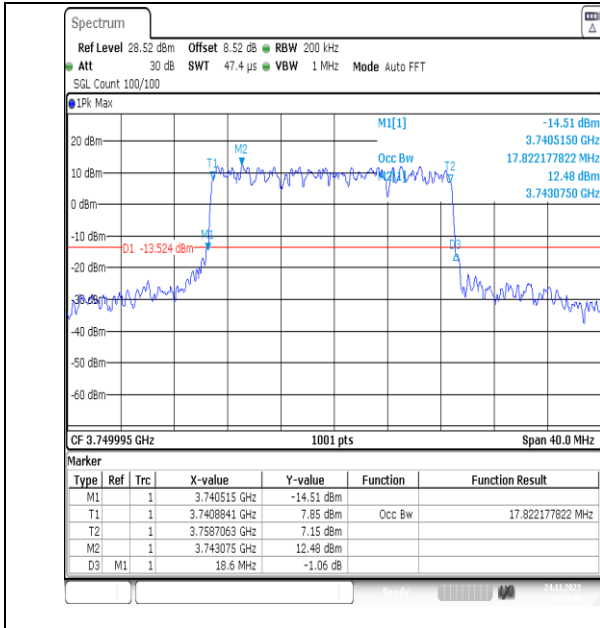
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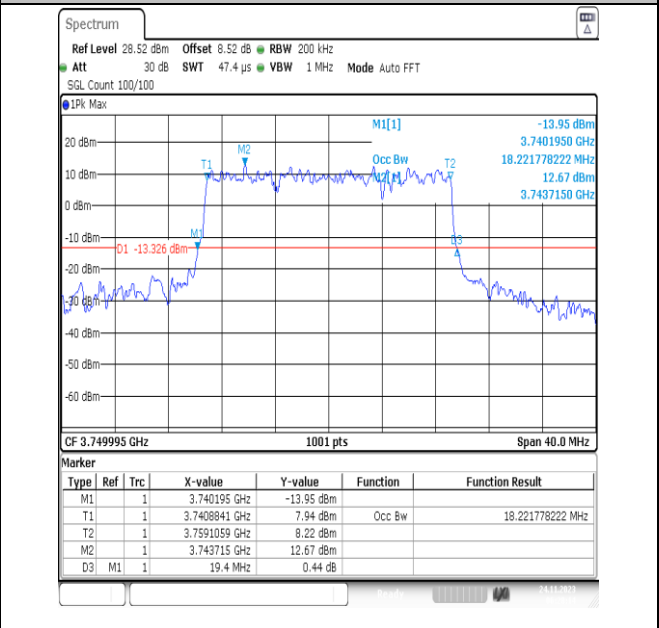
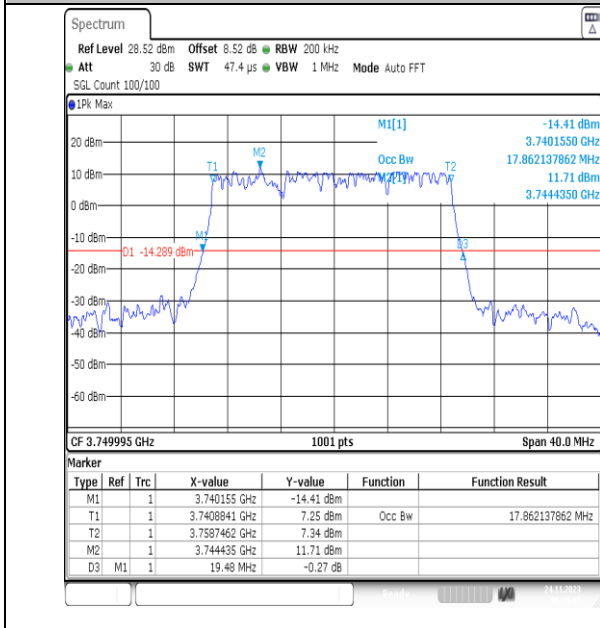
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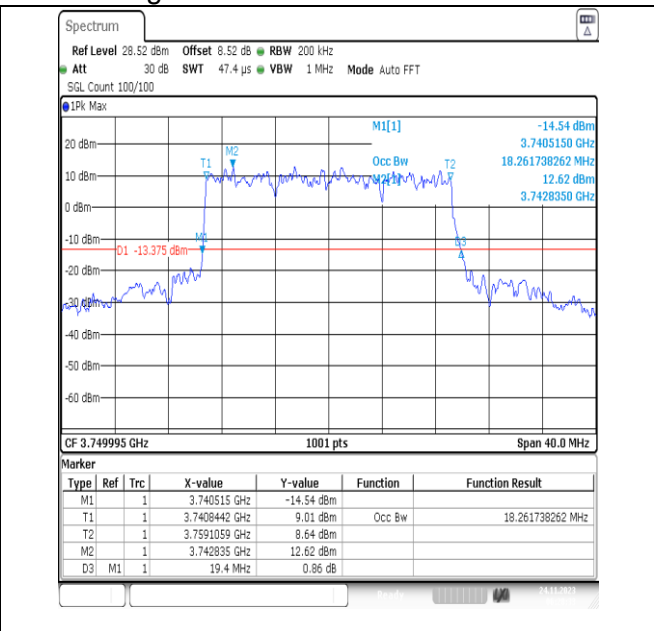
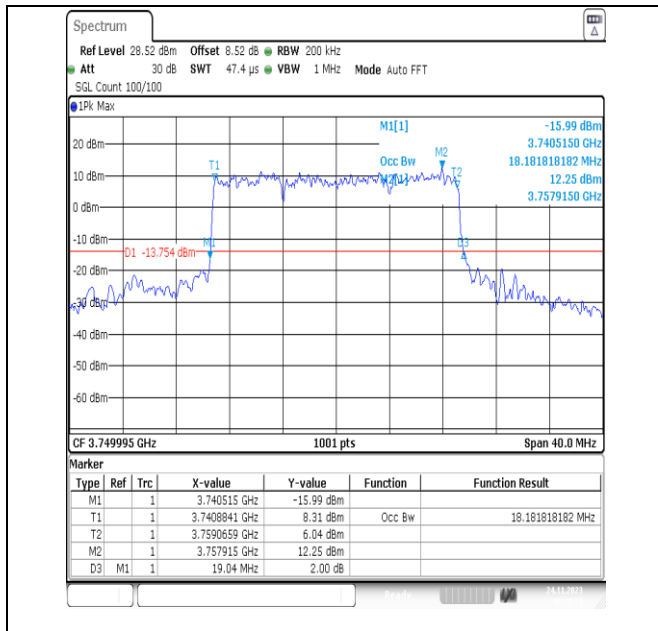


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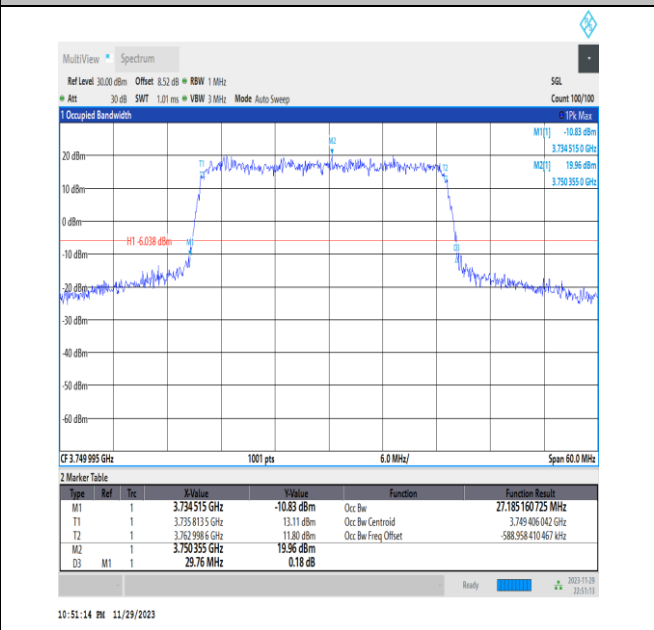
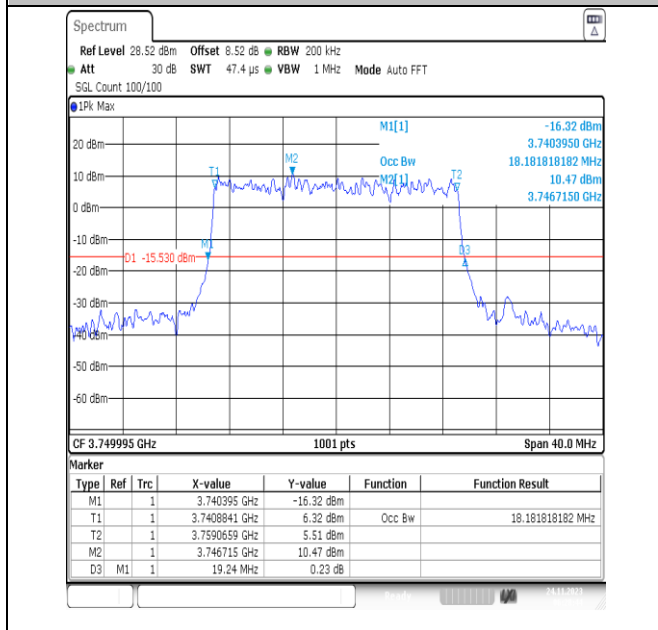
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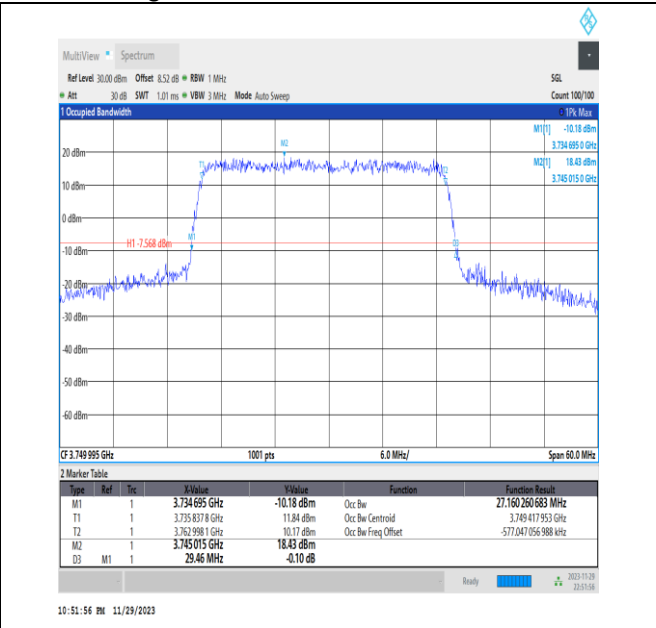
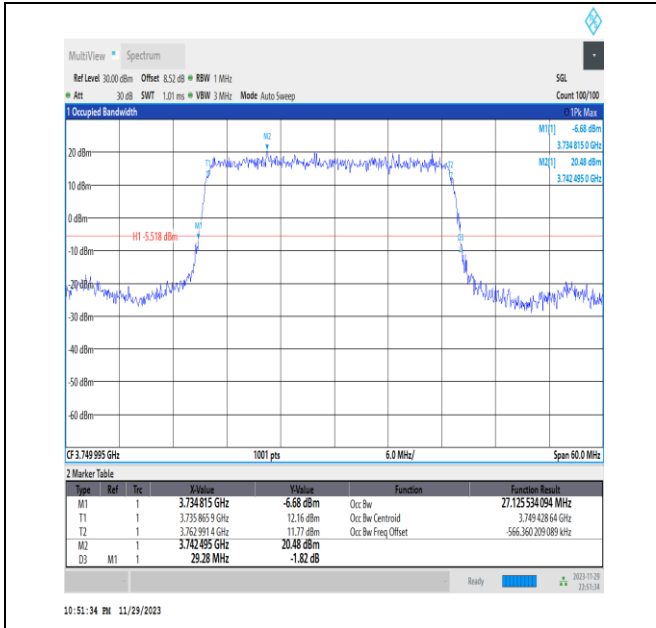
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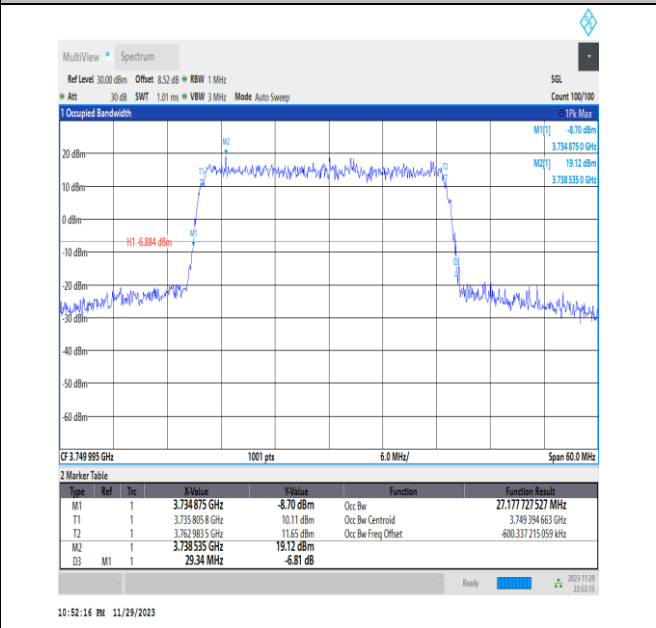
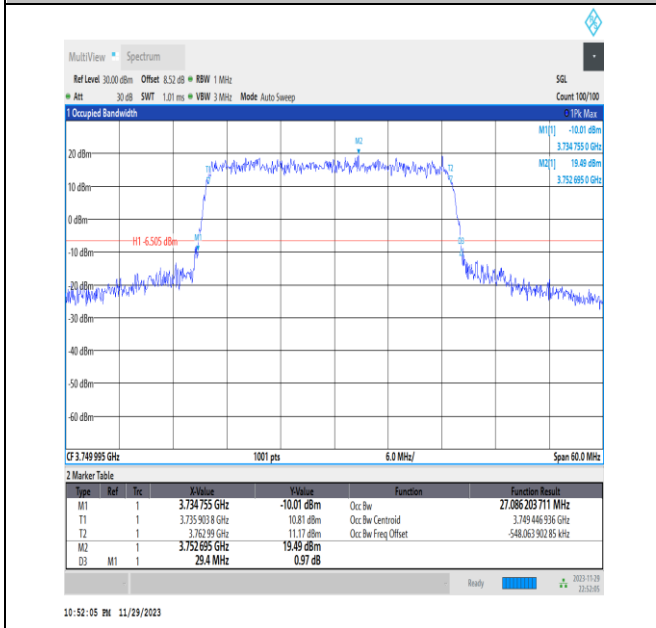
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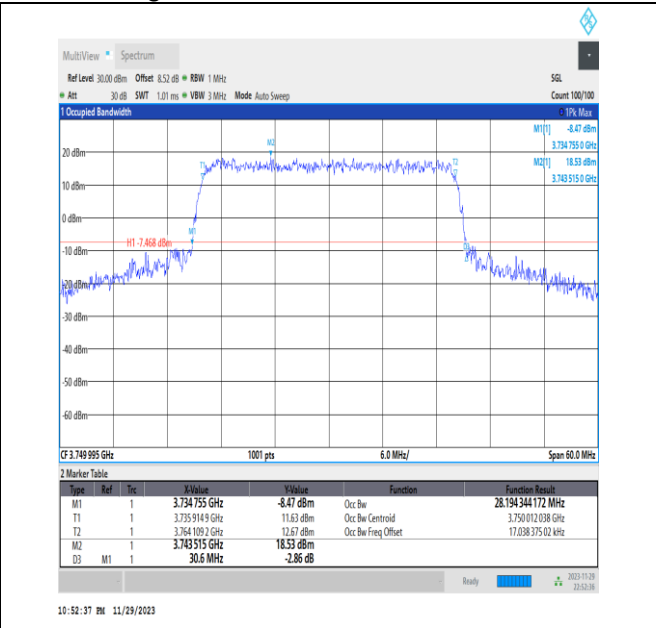
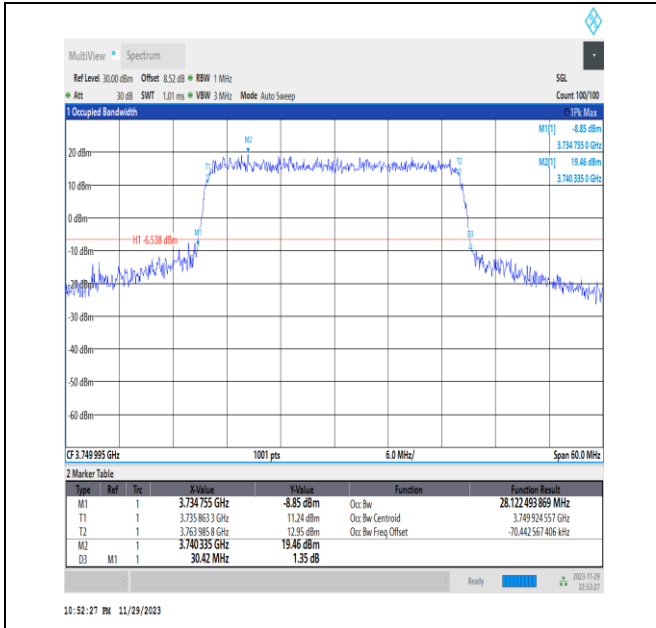
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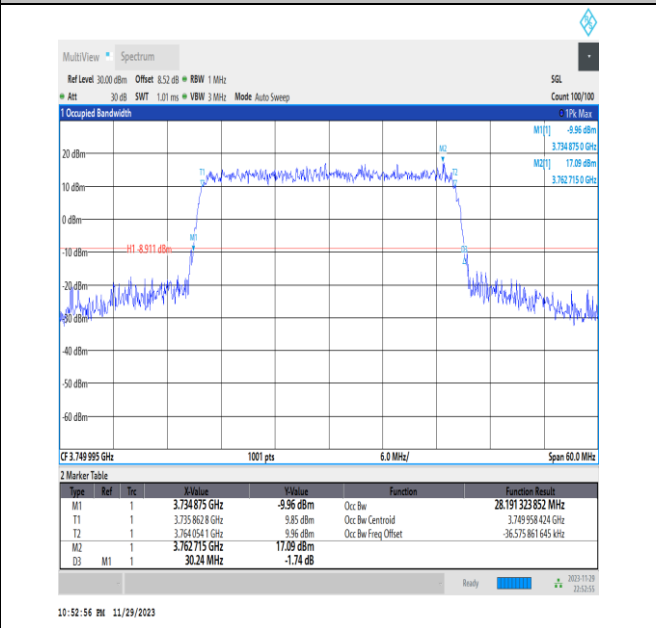
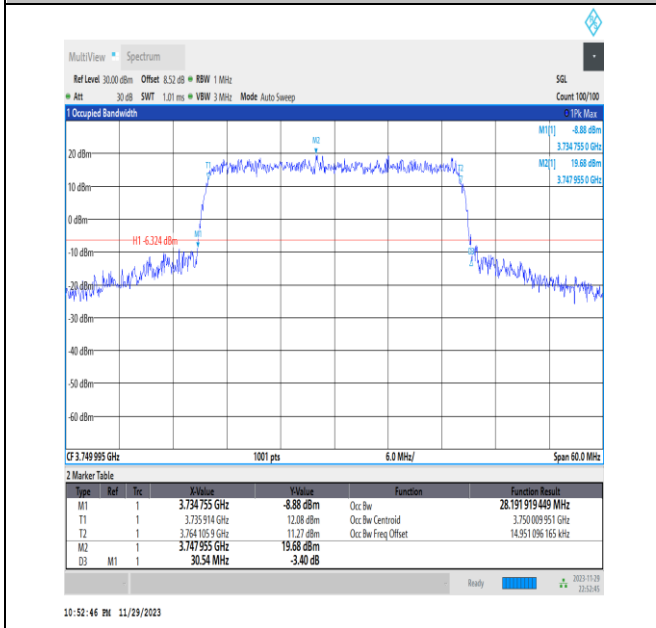
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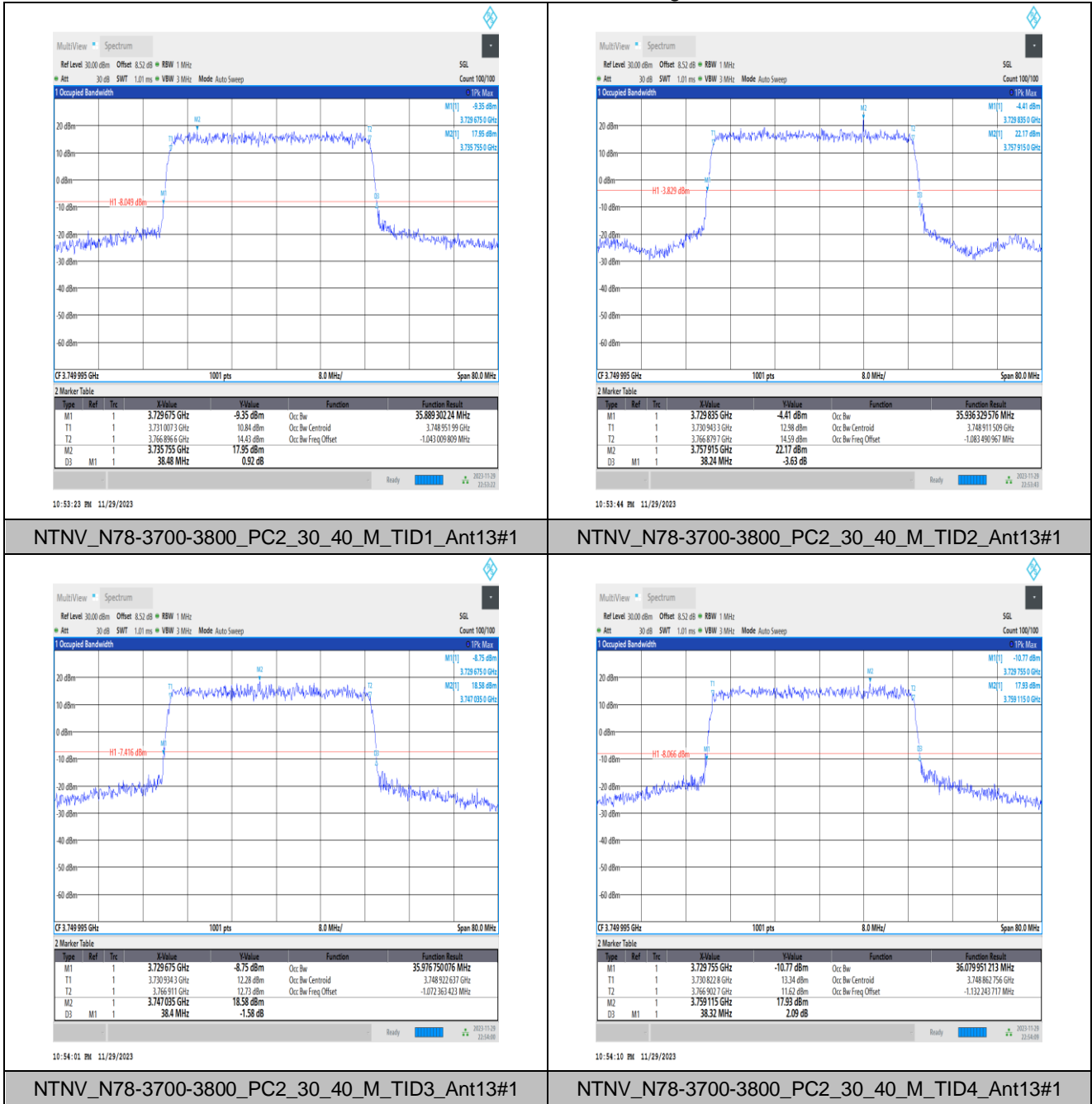
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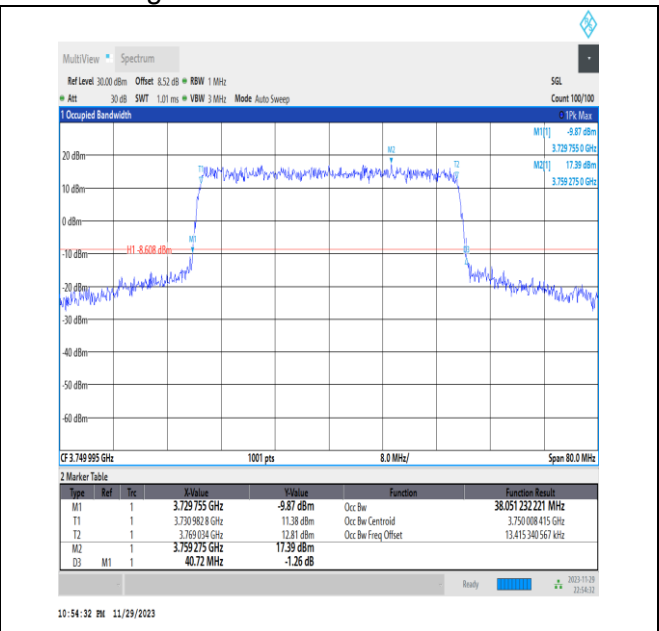
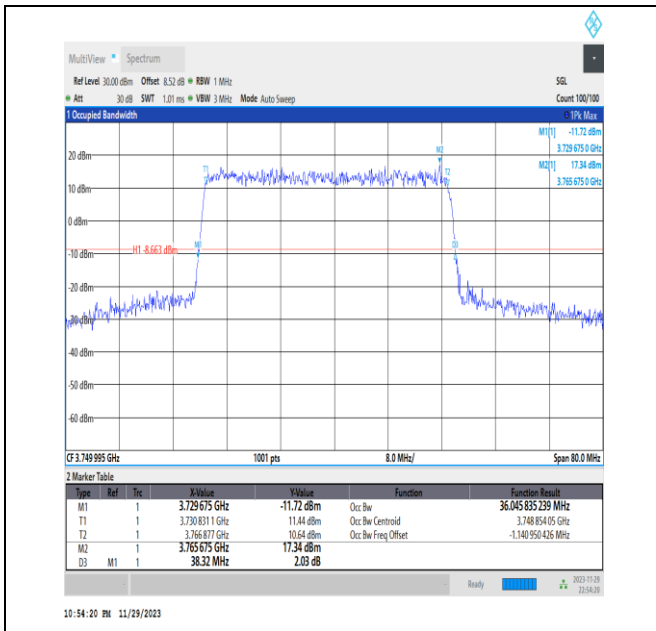
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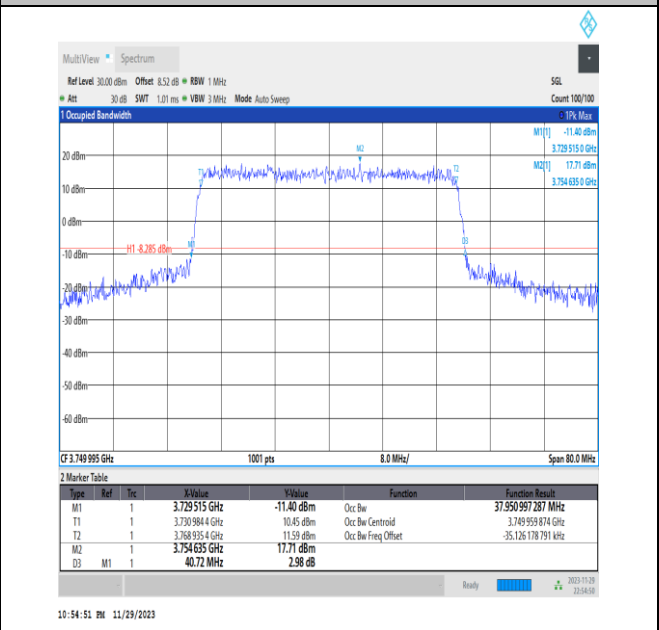
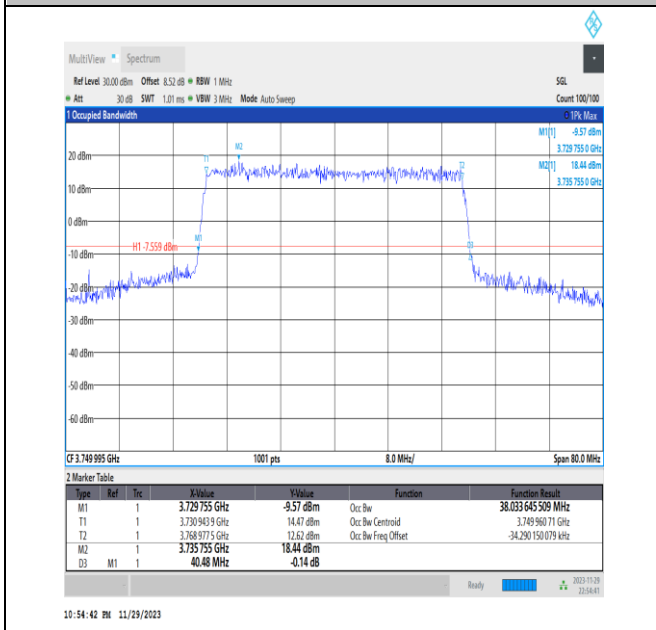
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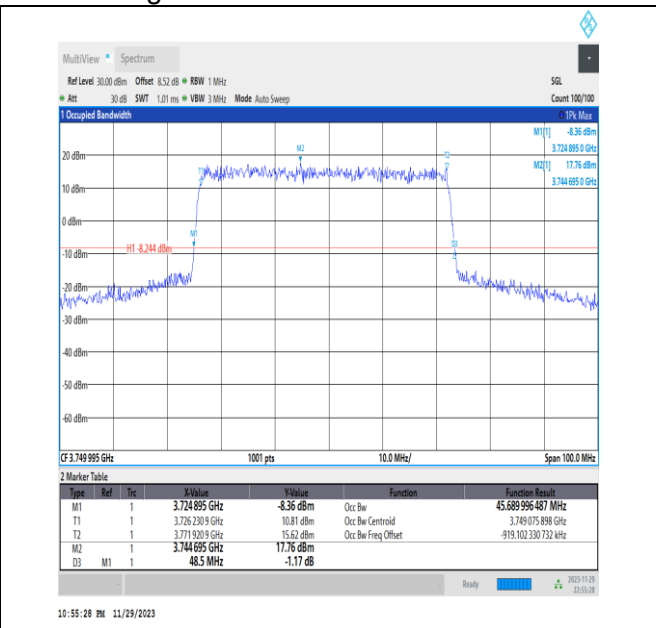
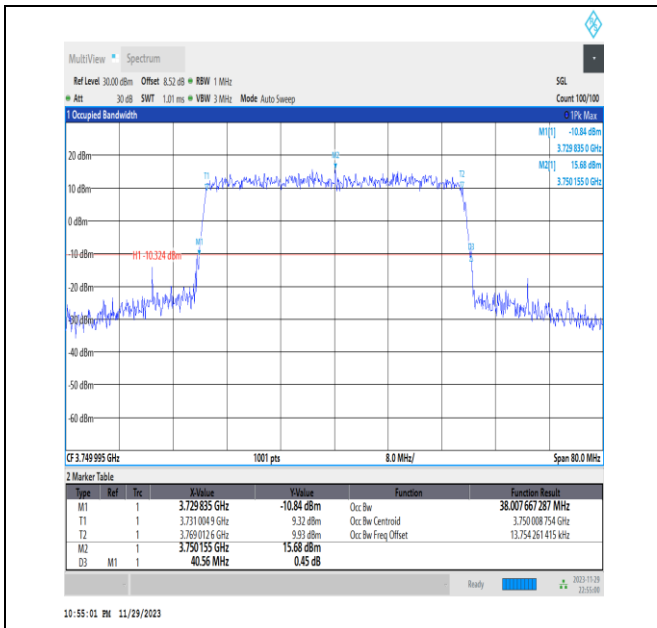
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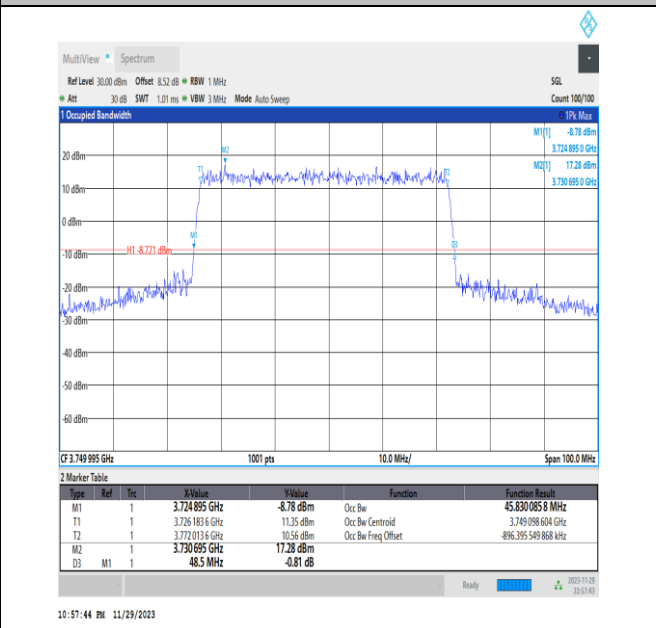
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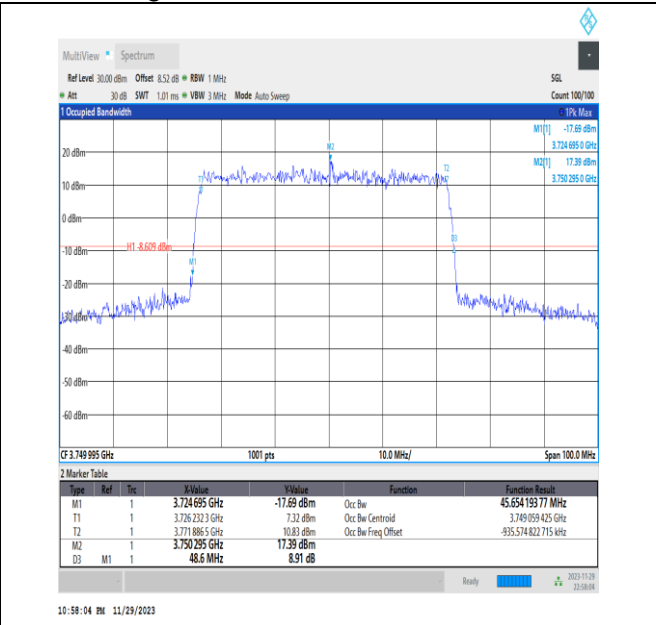
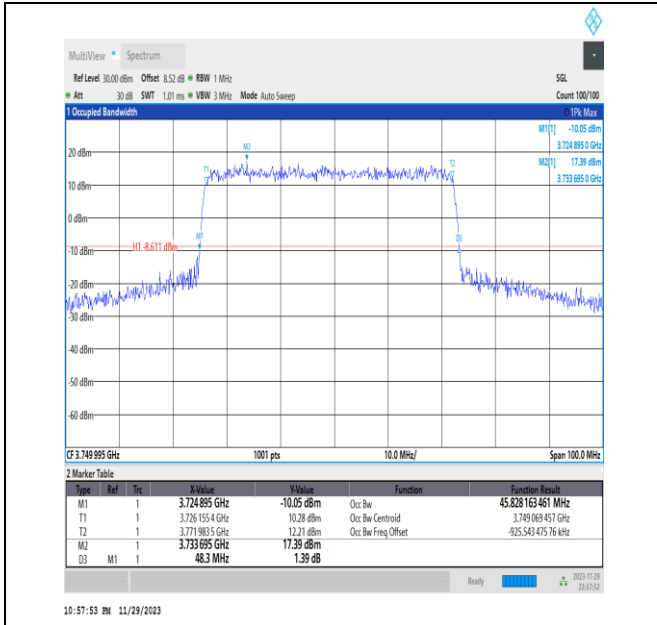
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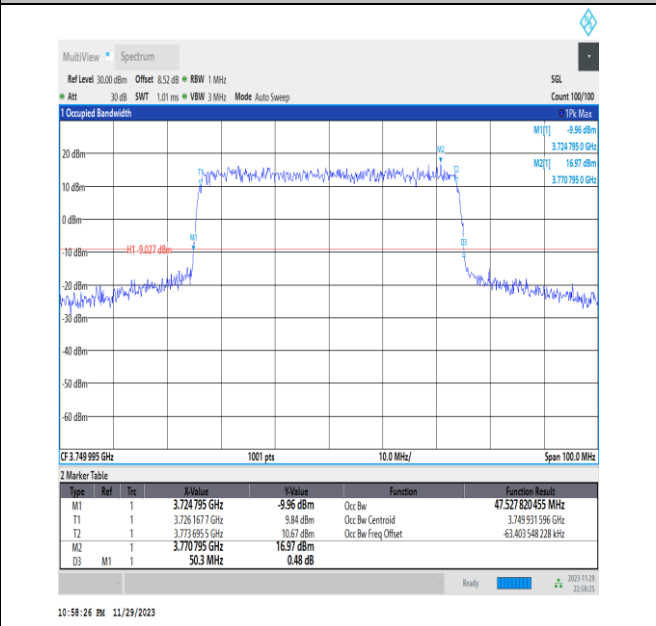
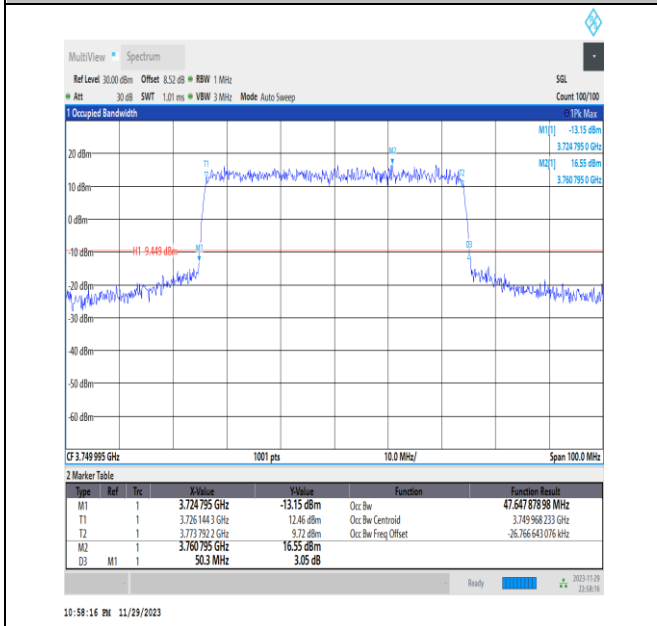
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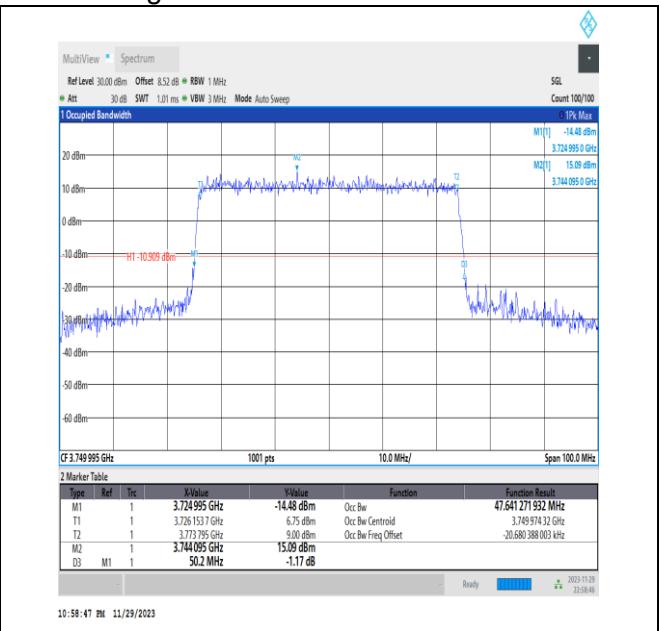
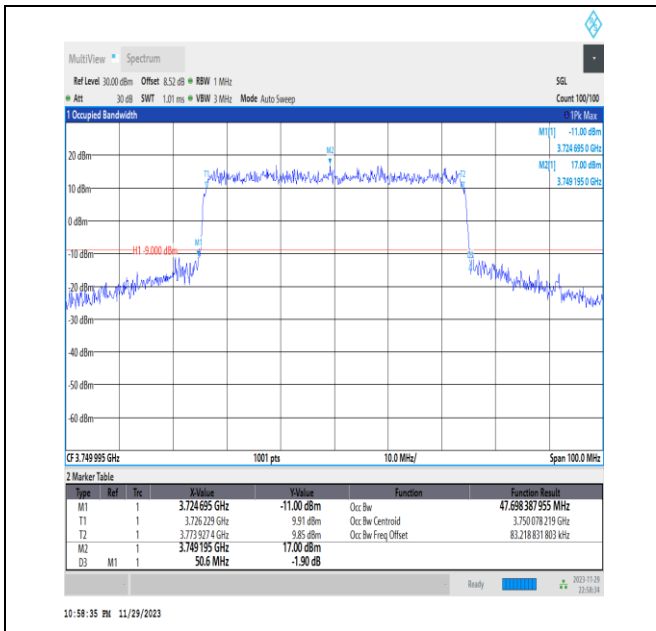
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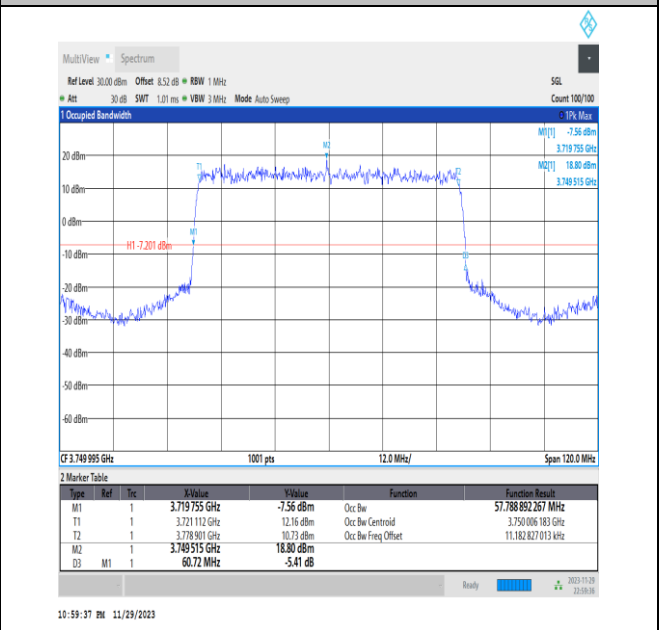
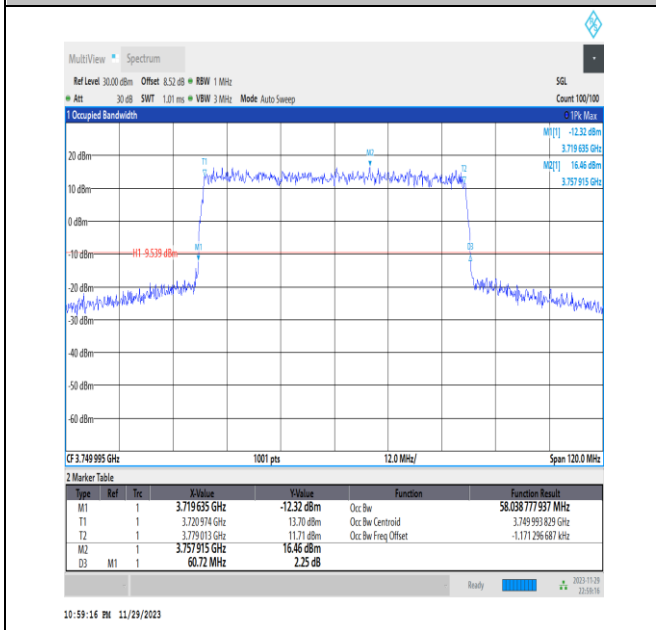
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