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Appendix B.29

NR Band n78(3450-3550)



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Ant15

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N78-3450-3550	30	10	DFT-QPSK	L	Inner_1RB_Left	23.77	24.39	30.00	PASS
N78-3450-3550	30	10	DFT-16QAM	L	Inner_1RB_Left	22.78	23.4	30.00	PASS
N78-3450-3550	30	10	DFT-QPSK	M	Inner_1RB_Left	23.67	24.29	30.00	PASS
N78-3450-3550	30	10	DFT-16QAM	M	Inner_1RB_Left	22.67	23.29	30.00	PASS
N78-3450-3550	30	10	DFT-QPSK	H	Inner_1RB_Left	23.41	24.03	30.00	PASS
N78-3450-3550	30	10	DFT-16QAM	H	Inner_1RB_Left	22.43	23.05	30.00	PASS
N78-3450-3550	30	15	DFT-QPSK	L	Inner_1RB_Left	23.86	24.48	30.00	PASS
N78-3450-3550	30	15	DFT-16QAM	L	Inner_1RB_Left	22.89	23.51	30.00	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Inner_1RB_Left	23.76	24.38	30.00	PASS
N78-3450-3550	30	15	DFT-16QAM	M	Inner_1RB_Left	22.74	23.36	30.00	PASS
N78-3450-3550	30	15	DFT-QPSK	H	Inner_1RB_Left	23.48	24.1	30.00	PASS
N78-3450-3550	30	15	DFT-16QAM	H	Inner_1RB_Left	22.56	23.18	30.00	PASS
N78-3450-3550	30	20	DFT-QPSK	L	Inner_1RB_Left	23.94	24.56	30.00	PASS
N78-3450-3550	30	20	DFT-16QAM	L	Inner_1RB_Left	22.92	23.54	30.00	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Inner_1RB_Left	23.65	24.27	30.00	PASS
N78-3450-3550	30	20	DFT-16QAM	M	Inner_1RB_Left	22.8	23.42	30.00	PASS
N78-3450-3550	30	20	DFT-QPSK	H	Inner_1RB_Left	23.51	24.13	30.00	PASS
N78-3450-3550	30	20	DFT-16QAM	H	Inner_1RB_Left	22.64	23.26	30.00	PASS
N78-3450-3550	30	30	DFT-QPSK	L	Inner_1RB_Left	24.01	24.63	30.00	PASS
N78-3450-3550	30	30	DFT-16QAM	L	Inner_1RB_Left	23.05	23.67	30.00	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Inner_1RB_Left	23.88	24.5	30.00	PASS
N78-3450-3550	30	30	DFT-16QAM	M	Inner_1RB_Left	22.95	23.57	30.00	PASS
N78-3450-3550	30	30	DFT-QPSK	H	Inner_1RB_Left	23.73	24.35	30.00	PASS
N78-3450-3550	30	30	DFT-16QAM	H	Inner_1RB_Left	22.82	23.44	30.00	PASS
N78-3450-3550	30	40	DFT-QPSK	L	Inner_1RB_Left	24.08	24.7	30.00	PASS
N78-3450-3550	30	40	DFT-16QAM	L	Inner_1RB_Left	23.11	23.73	30.00	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Inner_1RB_Left	23.96	24.58	30.00	PASS
N78-3450-3550	30	40	DFT-16QAM	M	Inner_1RB_Left	23.01	23.63	30.00	PASS
N78-3450-3550	30	40	DFT-QPSK	H	Inner_1RB_Left	23.74	24.36	30.00	PASS
N78-3450-3550	30	40	DFT-16QAM	H	Inner_1RB_Left	22.81	23.43	30.00	PASS



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N78-3450-3550	30	50	DFT-QPSK	L	Inner_1RB_Left	23.8	24.42	30.00	PASS
N78-3450-3550	30	50	DFT-16QAM	L	Inner_1RB_Left	22.88	23.5	30.00	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Inner_1RB_Left	23.53	24.15	30.00	PASS
N78-3450-3550	30	50	DFT-16QAM	M	Inner_1RB_Left	22.67	23.29	30.00	PASS
N78-3450-3550	30	50	DFT-QPSK	H	Inner_1RB_Left	23.46	24.08	30.00	PASS
N78-3450-3550	30	50	DFT-16QAM	H	Inner_1RB_Left	22.47	23.09	30.00	PASS
N78-3450-3550	30	60	DFT-QPSK	L	Inner_1RB_Left	23.97	24.59	30.00	PASS
N78-3450-3550	30	60	DFT-16QAM	L	Inner_1RB_Left	23	23.62	30.00	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Inner_1RB_Left	23.59	24.21	30.00	PASS
N78-3450-3550	30	60	DFT-16QAM	M	Inner_1RB_Left	22.79	23.41	30.00	PASS
N78-3450-3550	30	60	DFT-QPSK	H	Inner_1RB_Left	23.54	24.16	30.00	PASS
N78-3450-3550	30	60	DFT-16QAM	H	Inner_1RB_Left	22.72	23.34	30.00	PASS
N78-3450-3550	30	70	DFT-QPSK	L	Inner_1RB_Left	23.74	24.36	30.00	PASS
N78-3450-3550	30	70	DFT-16QAM	L	Inner_1RB_Left	22.77	23.39	30.00	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Inner_1RB_Left	23.63	24.25	30.00	PASS
N78-3450-3550	30	70	DFT-16QAM	M	Inner_1RB_Left	22.7	23.32	30.00	PASS
N78-3450-3550	30	70	DFT-QPSK	H	Inner_1RB_Left	23.42	24.04	30.00	PASS
N78-3450-3550	30	70	DFT-16QAM	H	Inner_1RB_Left	22.48	23.1	30.00	PASS
N78-3450-3550	30	80	DFT-QPSK	L	Inner_1RB_Left	23.71	24.33	30.00	PASS
N78-3450-3550	30	80	DFT-16QAM	L	Inner_1RB_Left	22.8	23.42	30.00	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Inner_1RB_Left	23.56	24.18	30.00	PASS
N78-3450-3550	30	80	DFT-16QAM	M	Inner_1RB_Left	22.6	23.22	30.00	PASS
N78-3450-3550	30	80	DFT-QPSK	H	Inner_1RB_Left	23.55	24.17	30.00	PASS
N78-3450-3550	30	80	DFT-16QAM	H	Inner_1RB_Left	22.52	23.14	30.00	PASS
N78-3450-3550	30	90	DFT-QPSK	L	Inner_1RB_Left	23.66	24.28	30.00	PASS
N78-3450-3550	30	90	DFT-16QAM	L	Inner_1RB_Left	22.7	23.32	30.00	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Inner_1RB_Left	23.58	24.2	30.00	PASS
N78-3450-3550	30	90	DFT-16QAM	M	Inner_1RB_Left	22.61	23.23	30.00	PASS
N78-3450-3550	30	90	DFT-QPSK	H	Inner_1RB_Left	23.57	24.19	30.00	PASS
N78-3450-3550	30	90	DFT-16QAM	H	Inner_1RB_Left	22.62	23.24	30.00	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Left	23.57	24.19	30.00	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	Inner_1RB_Right	23.09	23.71	30.00	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	L	Outer_Full	22.89	23.51	30.00	PASS
N78-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Left	23.58	24.2	30.00	PASS
N78-3450-3550	30	100	DFT-QPSK	L	Inner_1RB_Right	23.1	23.72	30.00	PASS
N78-3450-3550	30	100	DFT-QPSK	L	Outer_Full	22.43	23.05	30.00	PASS
N78-3450-3550	30	100	DFT-16QAM	L	Inner_1RB_Left	22.67	23.29	30.00	PASS



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Table with 10 columns: Item ID, Sample No., Quantity, Test Method, Modulation, Direction, Value 1, Value 2, Limit, Result. Contains 40 rows of test data for various modulation types like DFT-16QAM, DFT-64QAM, DFT-256QAM, DFT-PI2BPSK, and DFT-QPSK.



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N78-3450-3550	30	100	DFT-256QAM	H	Outer_Full	20.41	21.03	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
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	6.41	≤13	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	6.43	≤13	PASS



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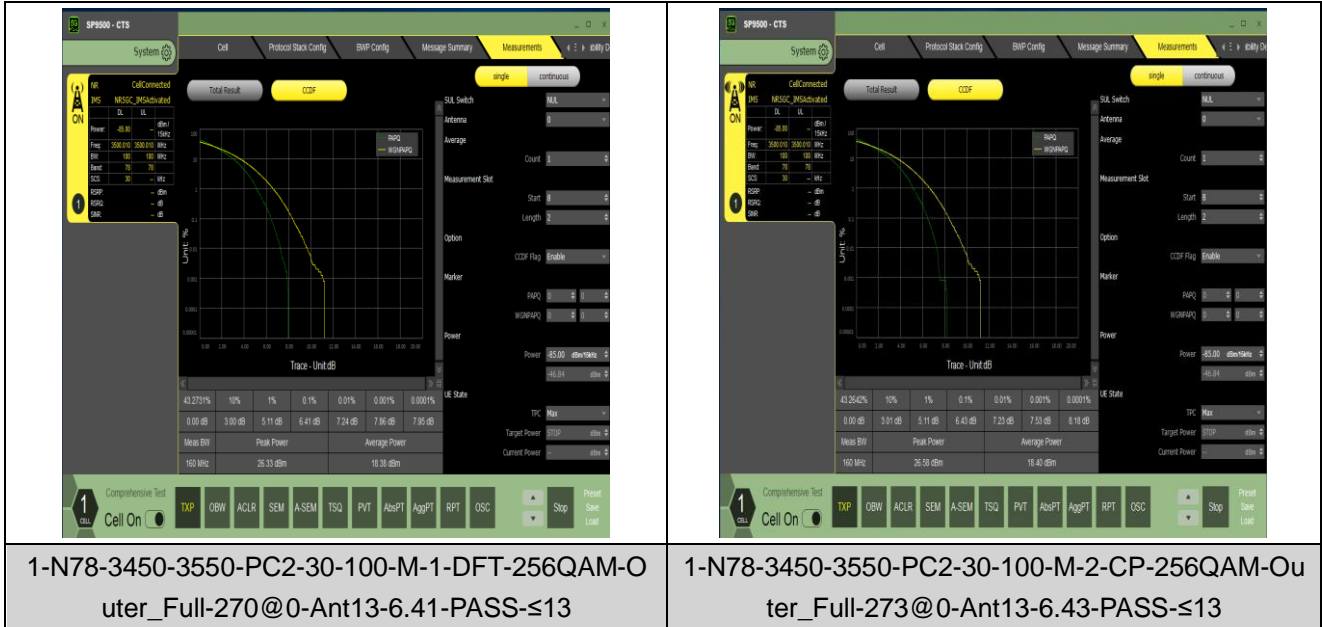
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Test Graphs



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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
N78-3450-3550	30	10	DFT-QPSK	M	24@0	8.571	9.340	PASS
N78-3450-3550	30	10	DFT-PI2BPSK	M	24@0	8.671	10.060	PASS
N78-3450-3550	30	10	DFT-16QAM	M	24@0	8.611	9.700	PASS
N78-3450-3550	30	10	DFT-64QAM	M	24@0	8.591	9.620	PASS
N78-3450-3550	30	10	DFT-256QAM	M	24@0	8.571	9.380	PASS
N78-3450-3550	30	10	CP-QPSK	M	24@0	8.591	9.540	PASS
N78-3450-3550	30	10	CP-16QAM	M	24@0	8.651	9.620	PASS
N78-3450-3550	30	10	CP-64QAM	M	24@0	8.611	9.540	PASS
N78-3450-3550	30	10	CP-256QAM	M	24@0	8.591	9.380	PASS
N78-3450-3550	30	15	DFT-QPSK	M	36@0	12.917	13.740	PASS
N78-3450-3550	30	15	DFT-PI2BPSK	M	36@0	12.887	13.830	PASS
N78-3450-3550	30	15	DFT-16QAM	M	36@0	12.887	13.770	PASS
N78-3450-3550	30	15	DFT-64QAM	M	36@0	12.857	13.590	PASS
N78-3450-3550	30	15	DFT-256QAM	M	36@0	12.857	13.770	PASS
N78-3450-3550	30	15	CP-QPSK	M	38@0	13.546	14.640	PASS
N78-3450-3550	30	15	CP-16QAM	M	38@0	13.516	14.460	PASS
N78-3450-3550	30	15	CP-64QAM	M	38@0	13.696	14.580	PASS
N78-3450-3550	30	15	CP-256QAM	M	38@0	13.546	14.730	PASS
N78-3450-3550	30	20	DFT-QPSK	M	50@0	17.822	18.720	PASS
N78-3450-3550	30	20	DFT-PI2BPSK	M	50@0	17.822	18.600	PASS
N78-3450-3550	30	20	DFT-16QAM	M	50@0	17.862	19.160	PASS
N78-3450-3550	30	20	DFT-64QAM	M	50@0	17.862	19.040	PASS
N78-3450-3550	30	20	DFT-256QAM	M	50@0	17.822	19.360	PASS
N78-3450-3550	30	20	CP-QPSK	M	51@0	18.262	19.400	PASS
N78-3450-3550	30	20	CP-16QAM	M	51@0	18.102	18.920	PASS
N78-3450-3550	30	20	CP-64QAM	M	51@0	18.262	19.520	PASS
N78-3450-3550	30	20	CP-256QAM	M	51@0	18.222	19.240	PASS
N78-3450-3550	30	30	DFT-QPSK	M	75@0	27.216	29.460	PASS
N78-3450-3550	30	30	DFT-PI2BPSK	M	75@0	27.194	29.280	PASS



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N78-3450-3550	30	30	DFT-16QAM	M	75@0	27.249	29.700	PASS
N78-3450-3550	30	30	DFT-64QAM	M	75@0	27.152	29.520	PASS
N78-3450-3550	30	30	DFT-256QAM	M	75@0	27.163	29.460	PASS
N78-3450-3550	30	30	CP-QPSK	M	78@0	28.039	30.540	PASS
N78-3450-3550	30	30	CP-16QAM	M	78@0	28.187	30.480	PASS
N78-3450-3550	30	30	CP-64QAM	M	78@0	28.133	31.440	PASS
N78-3450-3550	30	30	CP-256QAM	M	78@0	28.19	30.360	PASS
N78-3450-3550	30	40	DFT-QPSK	M	100@0	35.959	38.560	PASS
N78-3450-3550	30	40	DFT-PI2BPSK	M	100@0	35.959	38.160	PASS
N78-3450-3550	30	40	DFT-16QAM	M	100@0	35.932	38.560	PASS
N78-3450-3550	30	40	DFT-64QAM	M	100@0	35.942	38.320	PASS
N78-3450-3550	30	40	DFT-256QAM	M	100@0	35.933	38.320	PASS
N78-3450-3550	30	40	CP-QPSK	M	106@0	38.073	40.640	PASS
N78-3450-3550	30	40	CP-16QAM	M	106@0	38.212	40.480	PASS
N78-3450-3550	30	40	CP-64QAM	M	106@0	37.895	40.560	PASS
N78-3450-3550	30	40	CP-256QAM	M	106@0	38.015	40.480	PASS
N78-3450-3550	30	50	DFT-QPSK	M	128@0	45.846	48.700	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	M	128@0	45.969	49.100	PASS
N78-3450-3550	30	50	DFT-16QAM	M	128@0	45.833	48.500	PASS
N78-3450-3550	30	50	DFT-64QAM	M	128@0	45.803	48.500	PASS
N78-3450-3550	30	50	DFT-256QAM	M	128@0	45.758	48.500	PASS
N78-3450-3550	30	50	CP-QPSK	M	133@0	47.649	50.800	PASS
N78-3450-3550	30	50	CP-16QAM	M	133@0	47.614	50.300	PASS
N78-3450-3550	30	50	CP-64QAM	M	133@0	47.774	50.300	PASS
N78-3450-3550	30	50	CP-256QAM	M	133@0	47.633	50.400	PASS
N78-3450-3550	30	60	DFT-QPSK	M	162@0	57.81	60.720	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	M	162@0	57.913	61.320	PASS
N78-3450-3550	30	60	DFT-16QAM	M	162@0	57.964	60.840	PASS
N78-3450-3550	30	60	DFT-64QAM	M	162@0	57.883	60.600	PASS
N78-3450-3550	30	60	DFT-256QAM	M	162@0	57.855	60.720	PASS
N78-3450-3550	30	60	CP-QPSK	M	162@0	58.042	60.720	PASS
N78-3450-3550	30	60	CP-16QAM	M	162@0	57.836	60.720	PASS
N78-3450-3550	30	60	CP-64QAM	M	162@0	58.135	61.080	PASS
N78-3450-3550	30	60	CP-256QAM	M	162@0	57.909	60.960	PASS
N78-3450-3550	30	70	DFT-QPSK	M	180@0	64.066	67.200	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	M	180@0	64.282	67.480	PASS
N78-3450-3550	30	70	DFT-16QAM	M	180@0	64.229	67.340	PASS



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N78-3450-3550	30	70	DFT-64QAM	M	180@0	64.353	67.200	PASS
N78-3450-3550	30	70	DFT-256QAM	M	180@0	64.392	67.200	PASS
N78-3450-3550	30	70	CP-QPSK	M	189@0	67.464	70.560	PASS
N78-3450-3550	30	70	CP-16QAM	M	189@0	67.56	70.700	PASS
N78-3450-3550	30	70	CP-64QAM	M	189@0	67.474	70.560	PASS
N78-3450-3550	30	70	CP-256QAM	M	189@0	67.315	70.420	PASS
N78-3450-3550	30	80	DFT-QPSK	M	216@0	77.106	80.320	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	M	216@0	77.106	80.160	PASS
N78-3450-3550	30	80	DFT-16QAM	M	216@0	77.027	80.320	PASS
N78-3450-3550	30	80	DFT-64QAM	M	216@0	77.111	80.480	PASS
N78-3450-3550	30	80	DFT-256QAM	M	216@0	76.898	80.480	PASS
N78-3450-3550	30	80	CP-QPSK	M	217@0	77.568	80.640	PASS
N78-3450-3550	30	80	CP-16QAM	M	217@0	77.507	80.640	PASS
N78-3450-3550	30	80	CP-64QAM	M	217@0	77.425	80.640	PASS
N78-3450-3550	30	80	CP-256QAM	M	217@0	77.438	80.480	PASS
N78-3450-3550	30	90	DFT-QPSK	M	240@0	85.641	89.100	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	M	240@0	85.427	88.920	PASS
N78-3450-3550	30	90	DFT-16QAM	M	240@0	85.423	88.920	PASS
N78-3450-3550	30	90	DFT-64QAM	M	240@0	85.578	88.920	PASS
N78-3450-3550	30	90	DFT-256QAM	M	240@0	85.55	88.920	PASS
N78-3450-3550	30	90	CP-QPSK	M	245@0	87.257	90.540	PASS
N78-3450-3550	30	90	CP-16QAM	M	245@0	87.384	90.720	PASS
N78-3450-3550	30	90	CP-64QAM	M	245@0	87.423	90.720	PASS
N78-3450-3550	30	90	CP-256QAM	M	245@0	87.336	90.720	PASS
N78-3450-3550	30	100	DFT-QPSK	M	270@0	96.018	99.800	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	270@0	96.159	99.800	PASS
N78-3450-3550	30	100	DFT-16QAM	M	270@0	96.499	99.600	PASS
N78-3450-3550	30	100	DFT-64QAM	M	270@0	96.352	99.800	PASS
N78-3450-3550	30	100	DFT-256QAM	M	270@0	96.235	99.800	PASS
N78-3450-3550	30	100	CP-QPSK	M	273@0	97.407	101.200	PASS
N78-3450-3550	30	100	CP-16QAM	M	273@0	97.449	101.000	PASS
N78-3450-3550	30	100	CP-64QAM	M	273@0	97.1	100.800	PASS
N78-3450-3550	30	100	CP-256QAM	M	273@0	97.35	100.800	PASS



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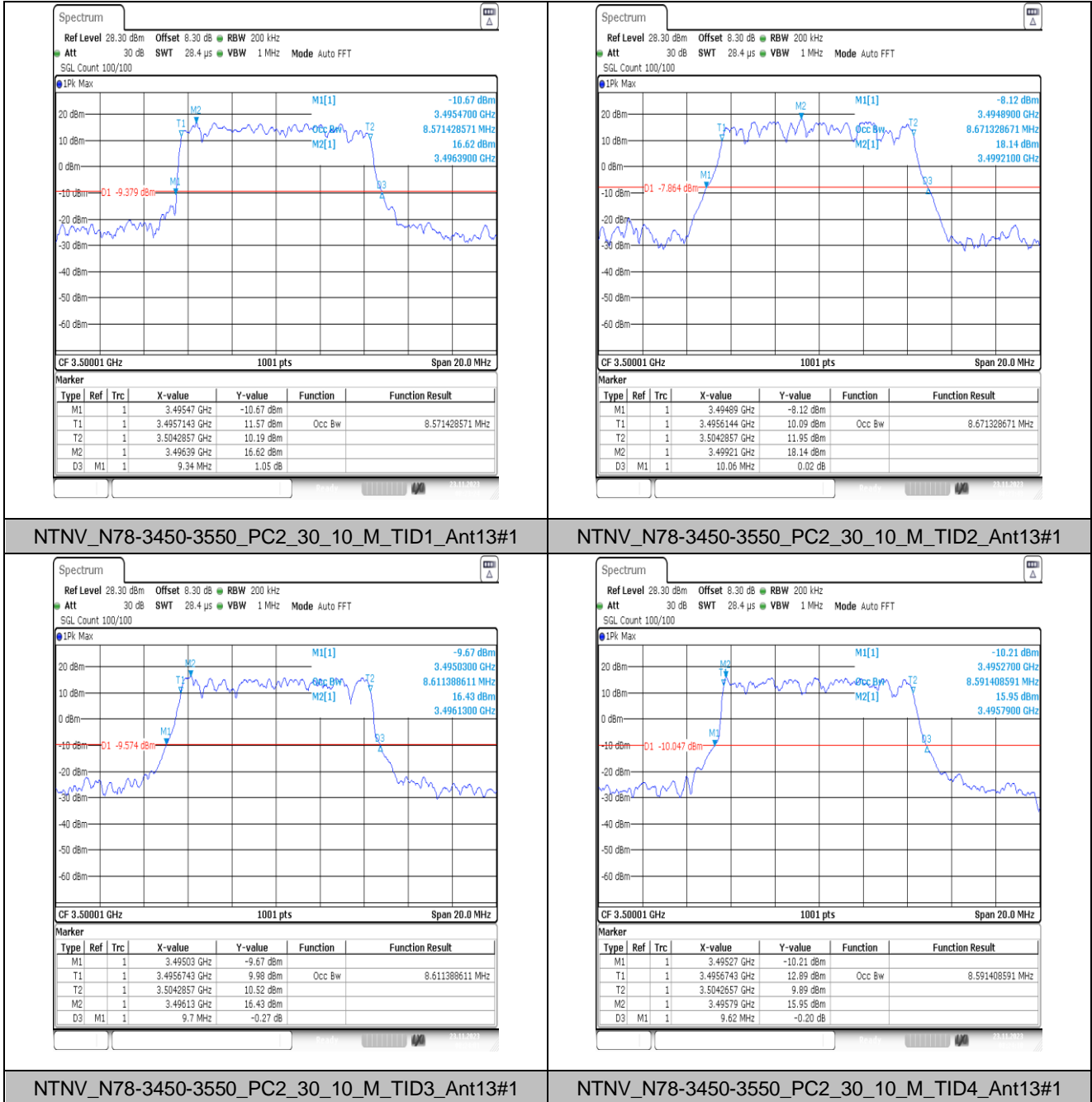
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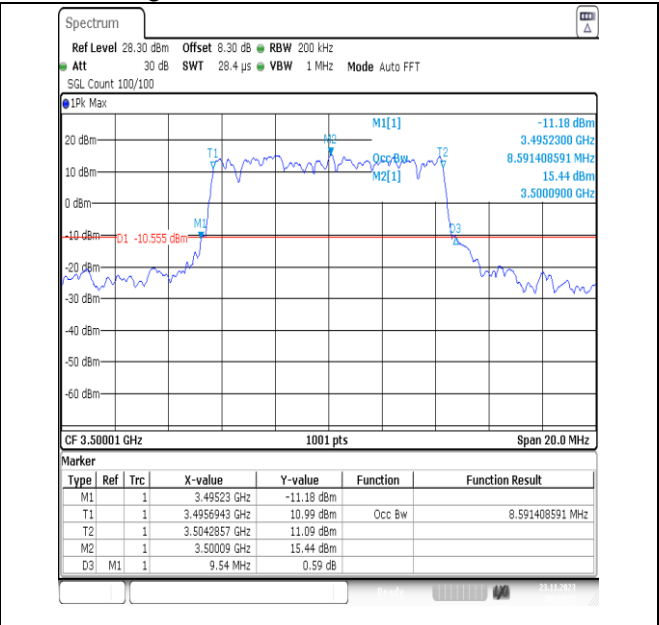
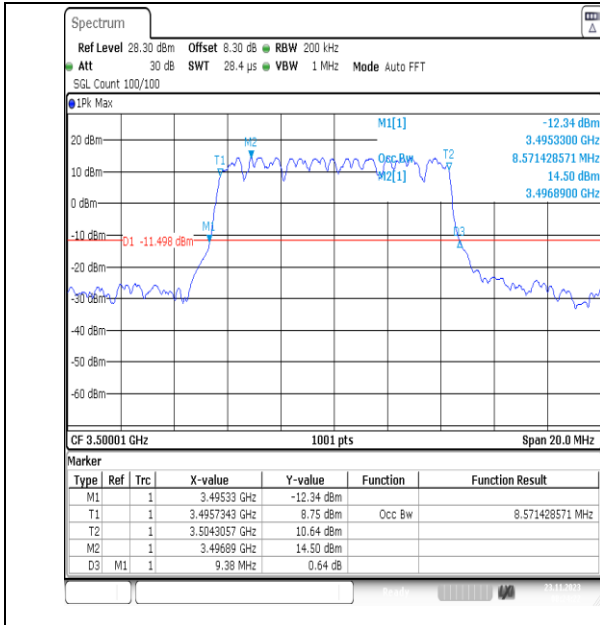
Test Graphs



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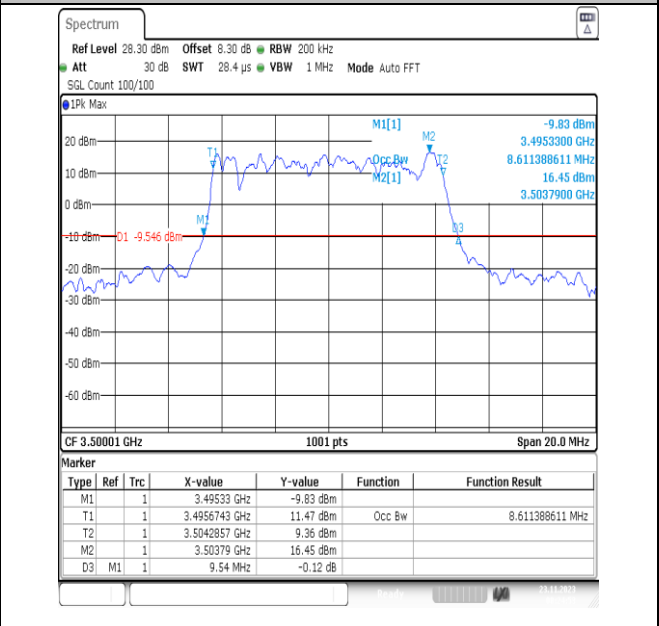
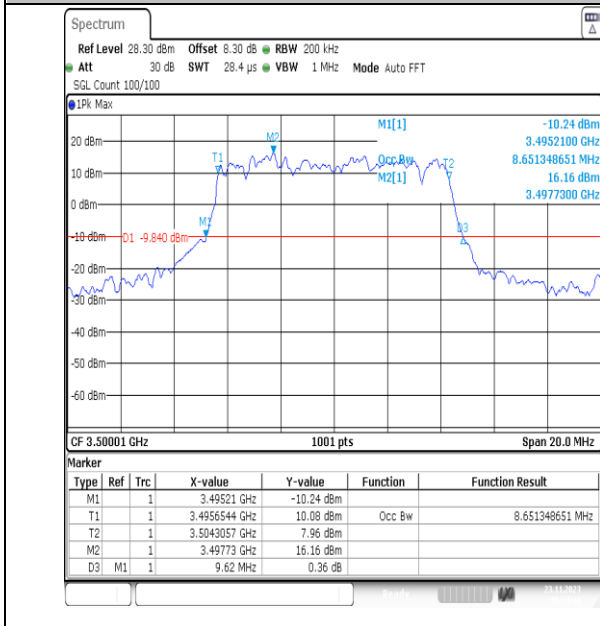
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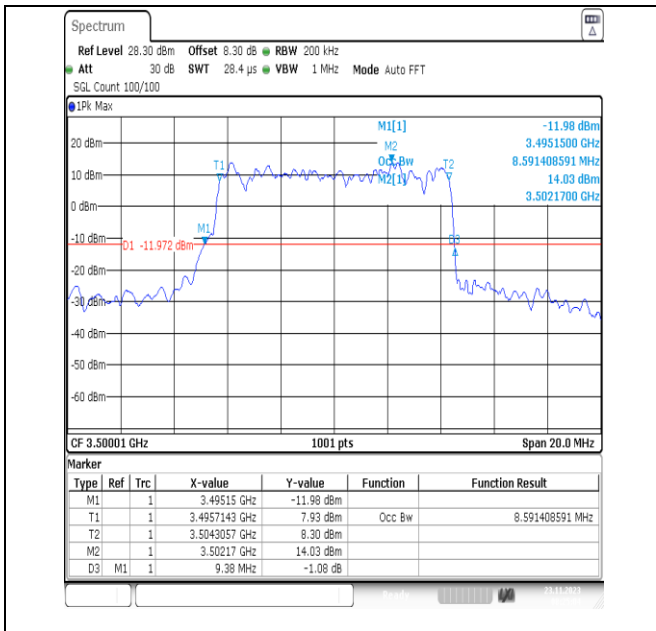
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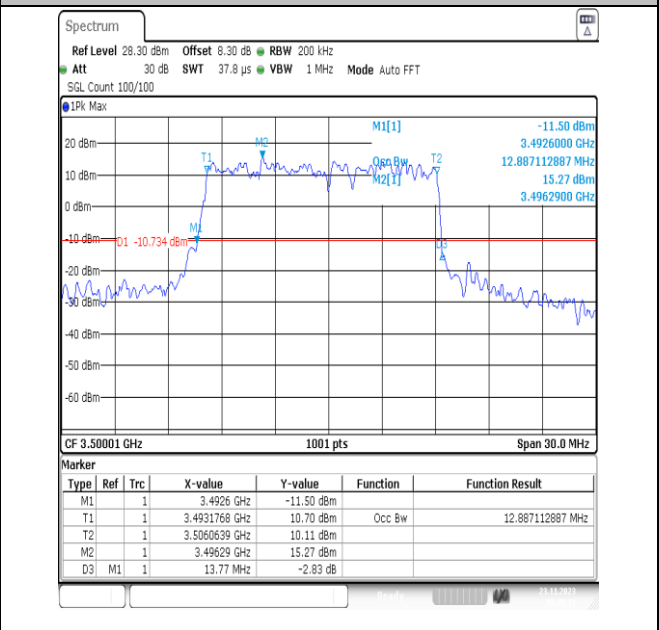
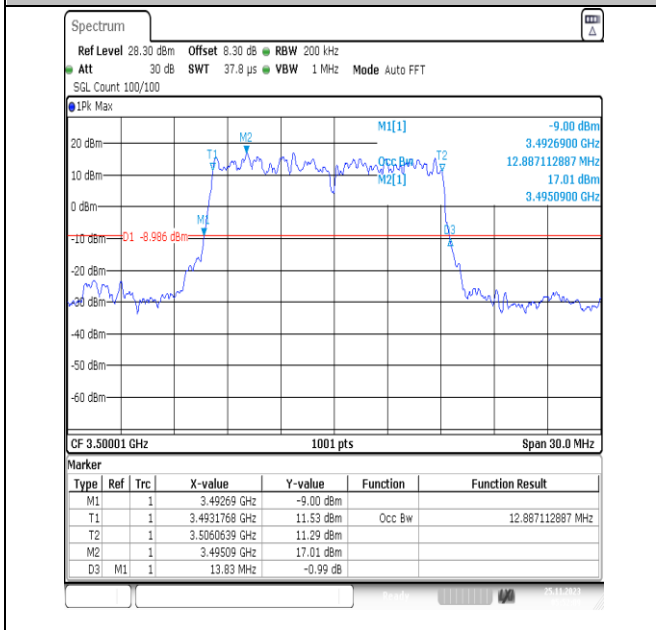
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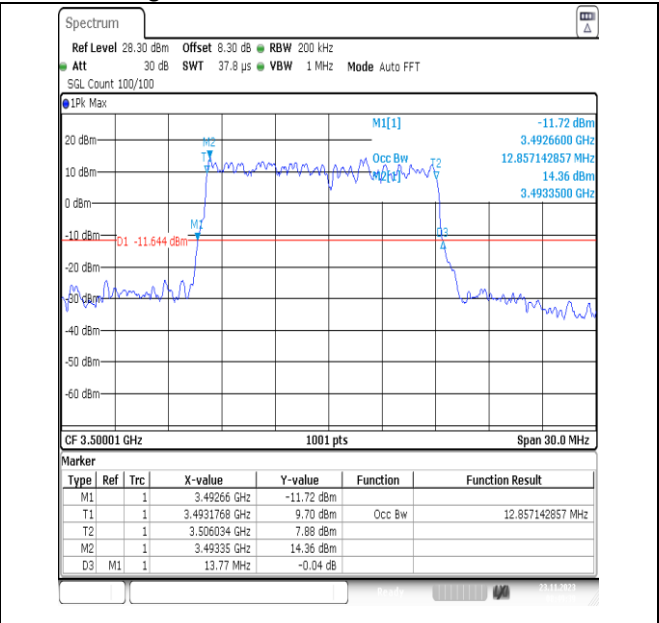
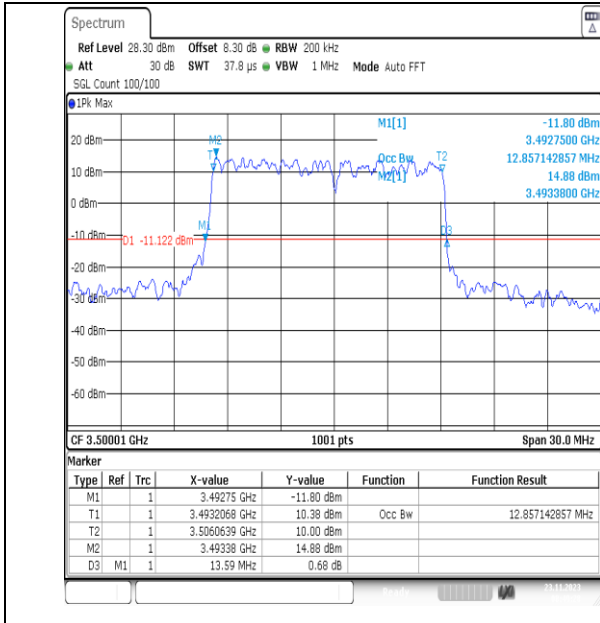
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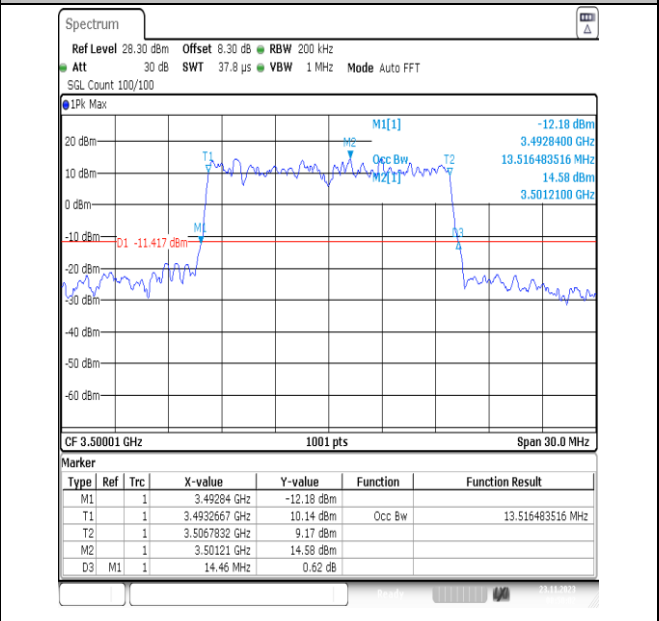
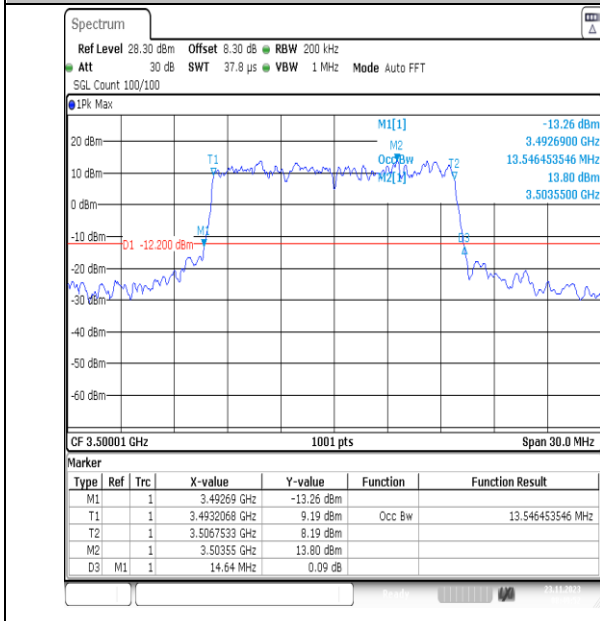
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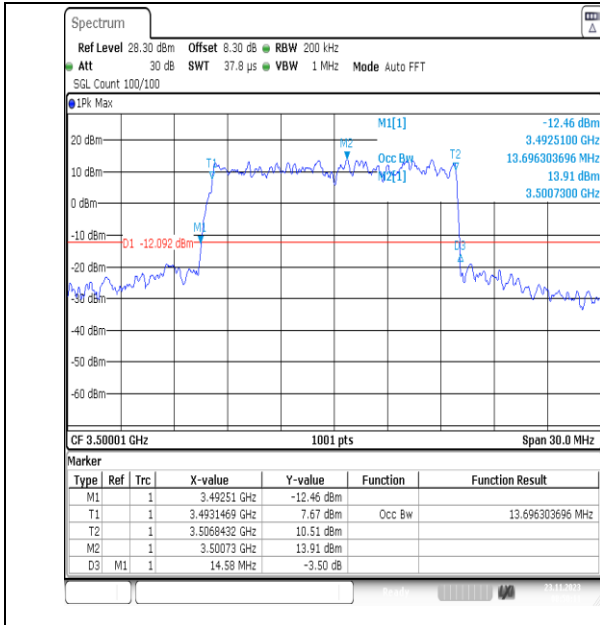
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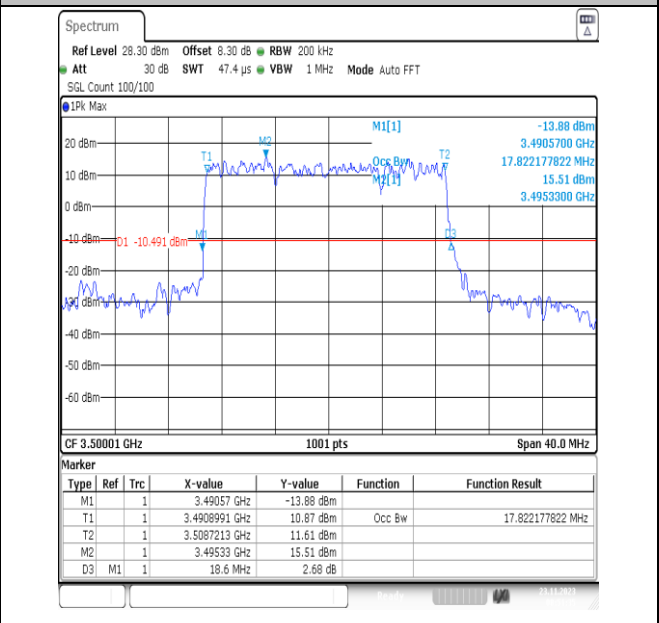
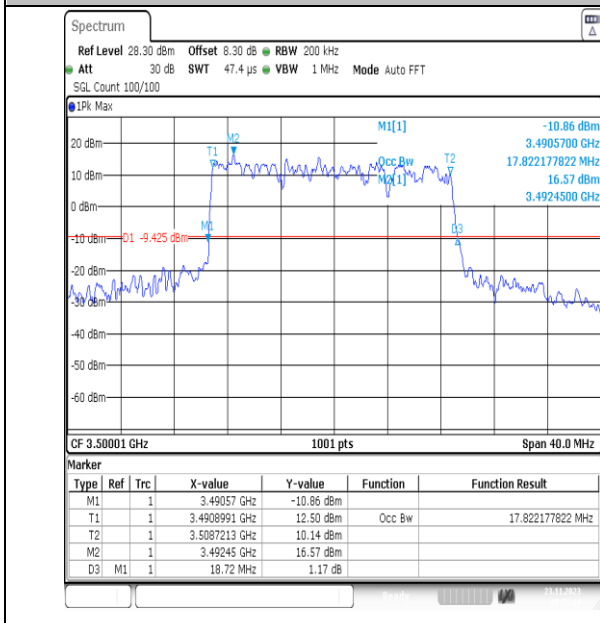
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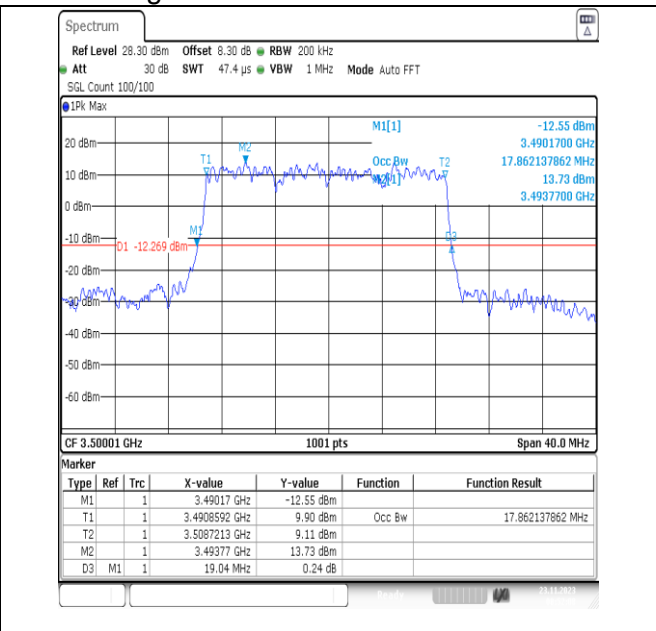
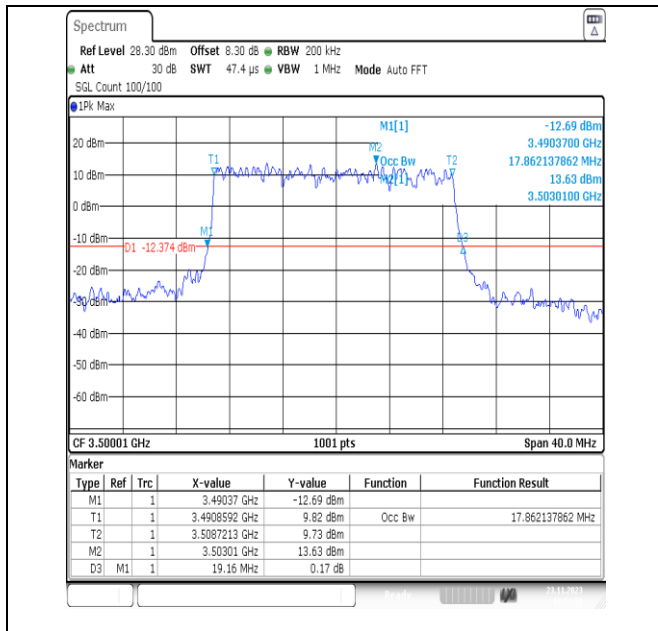
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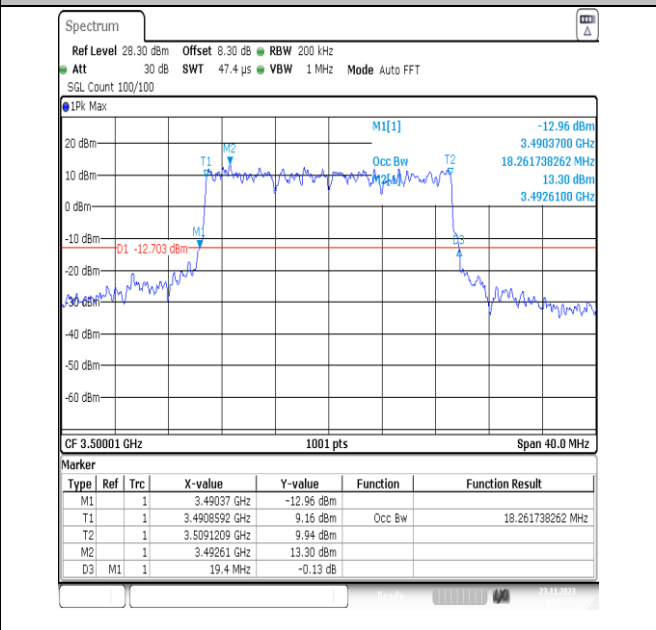
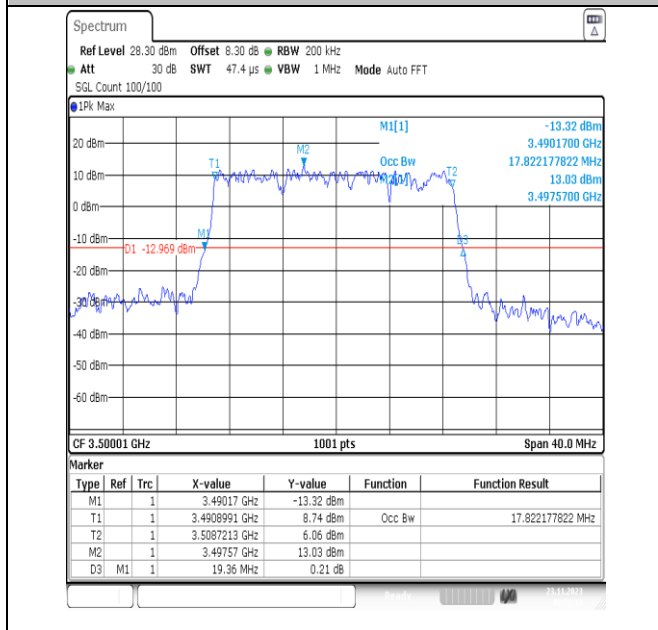
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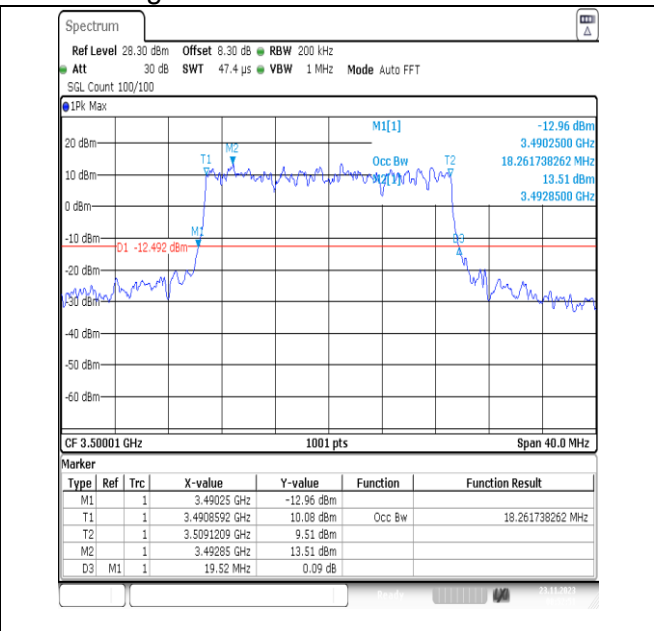
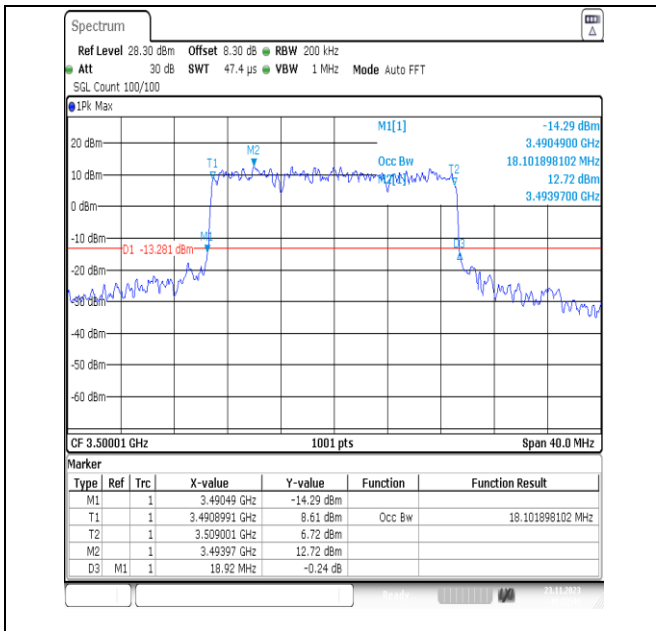
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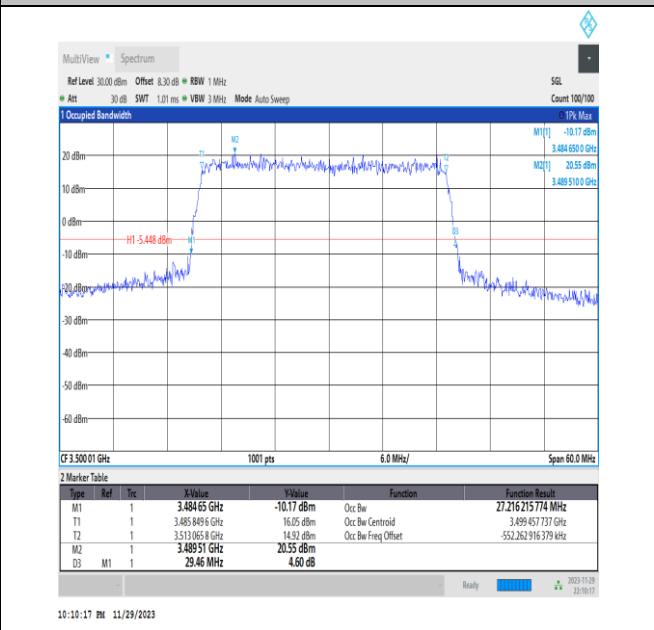
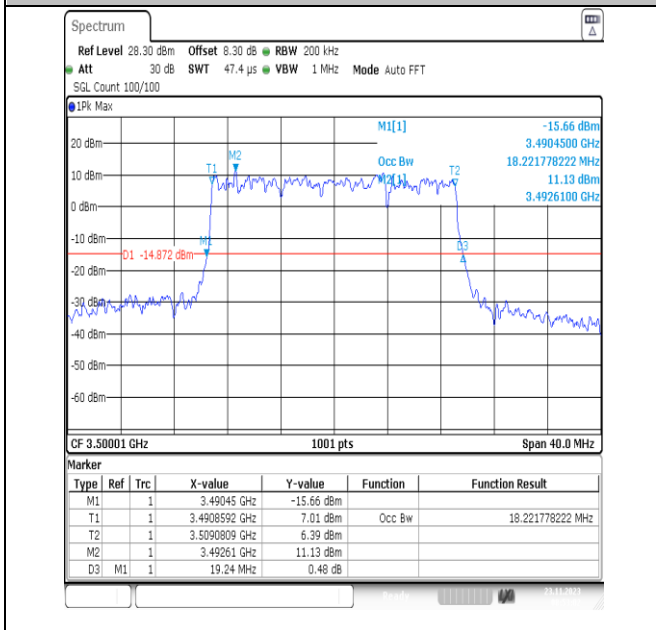
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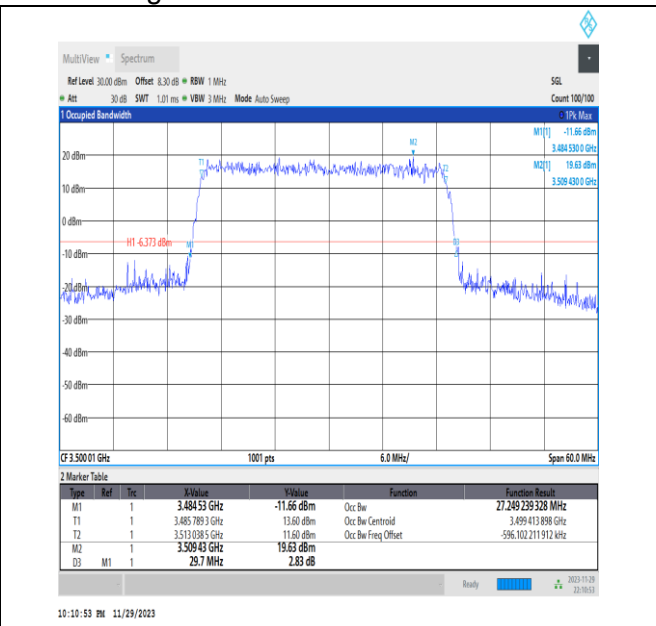
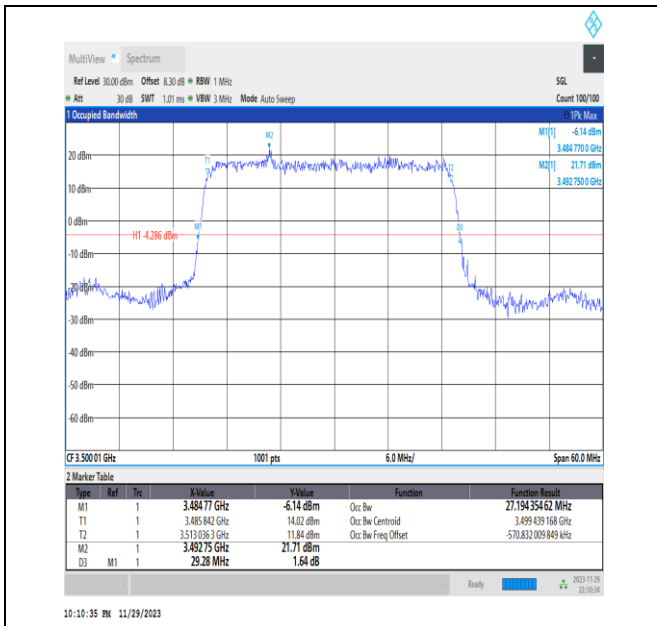
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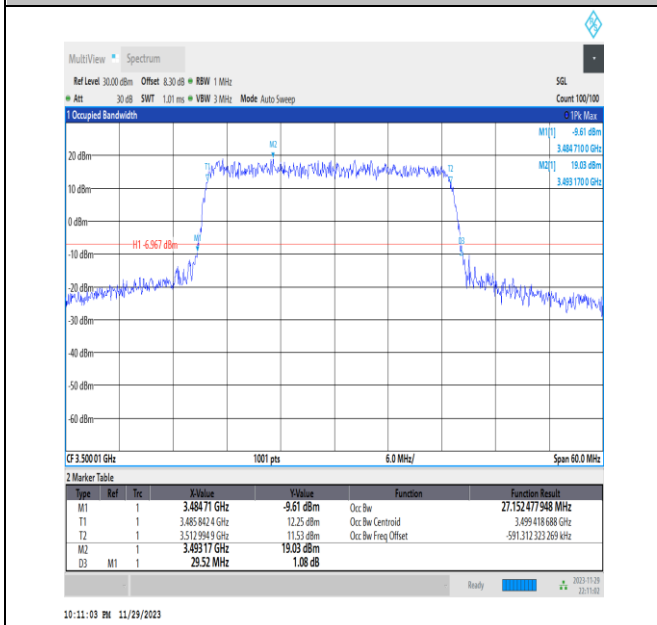
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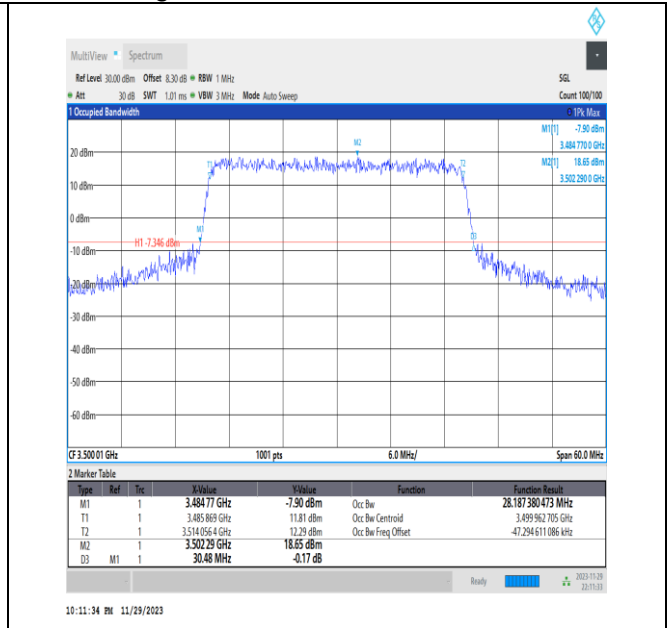
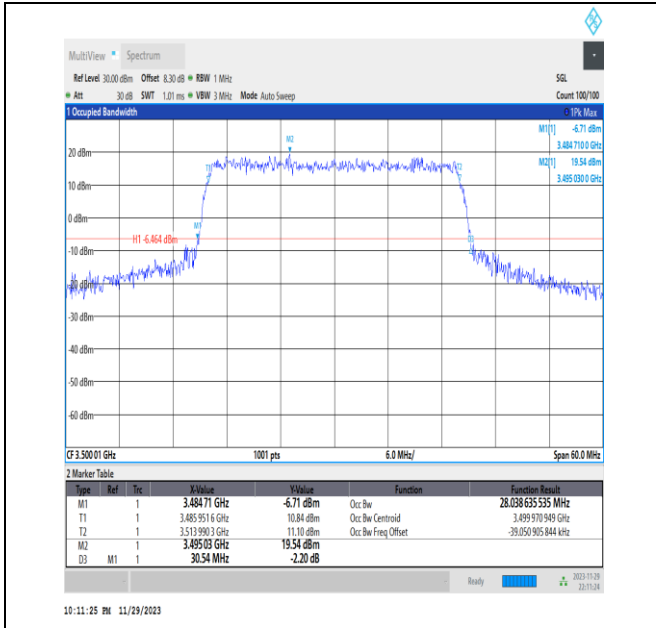
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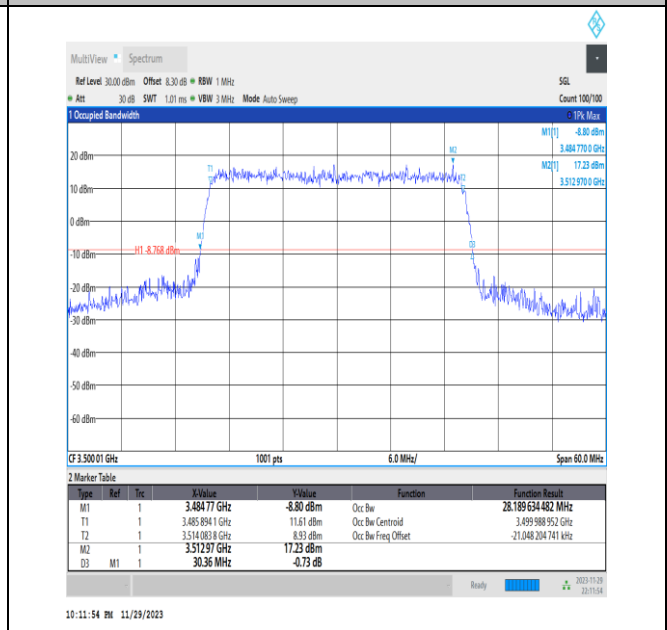
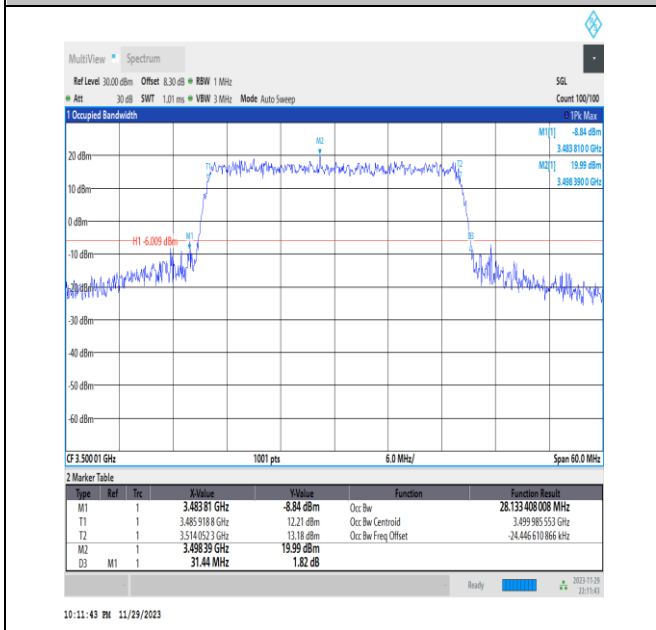
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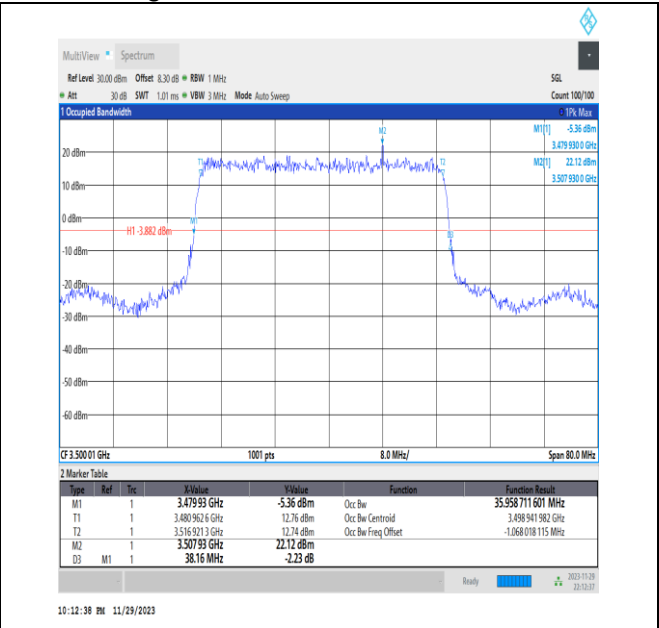
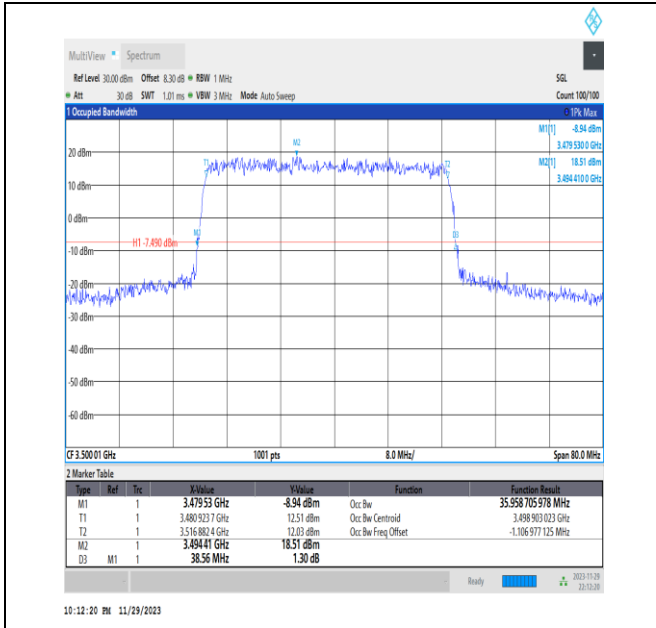
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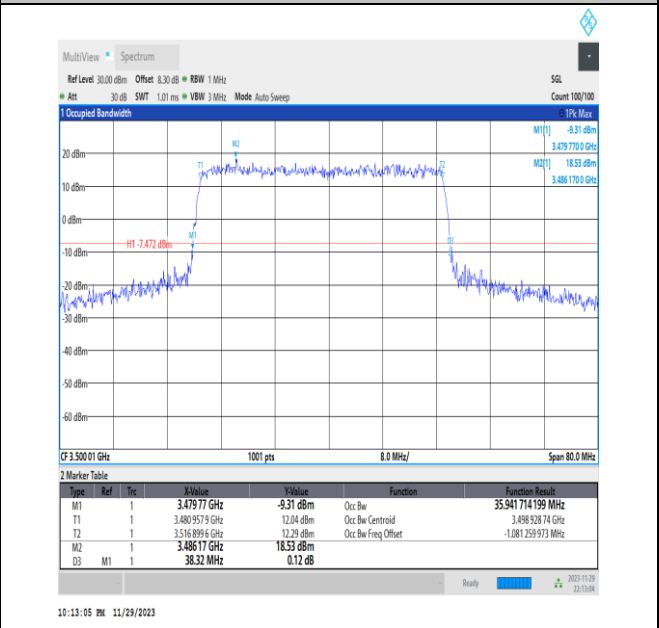
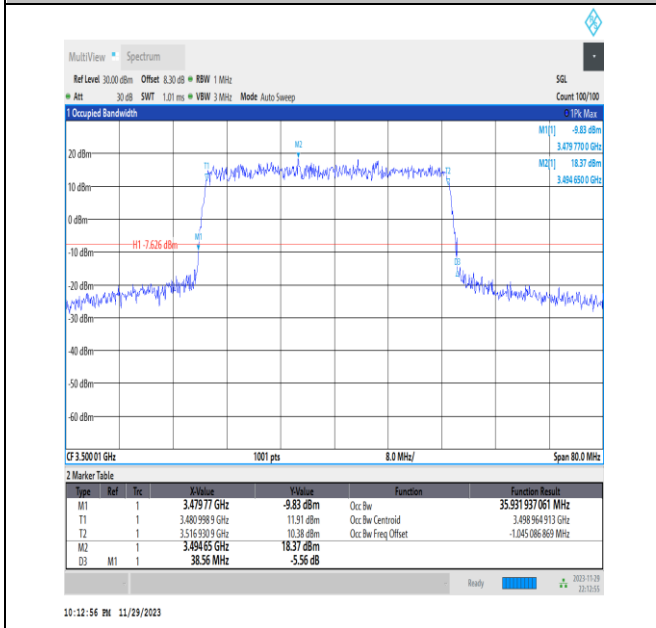
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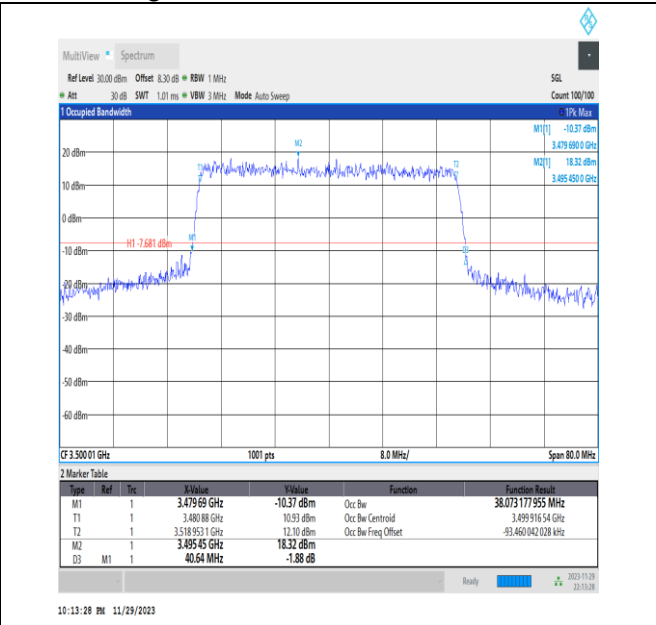
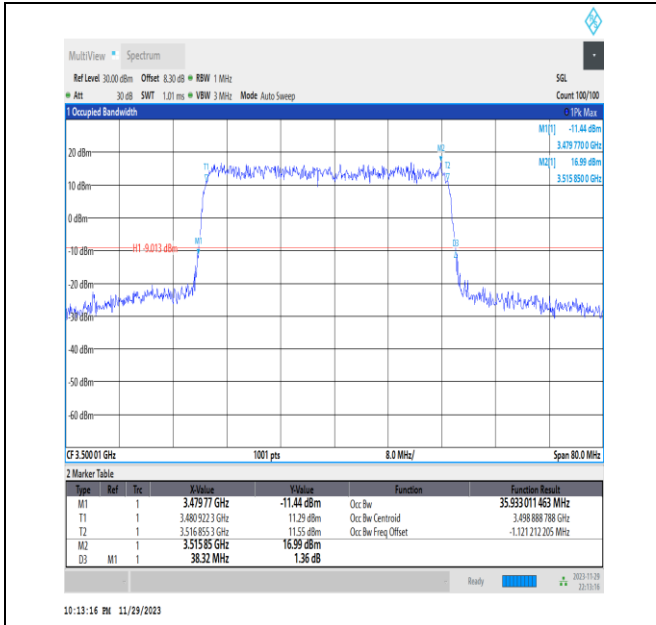
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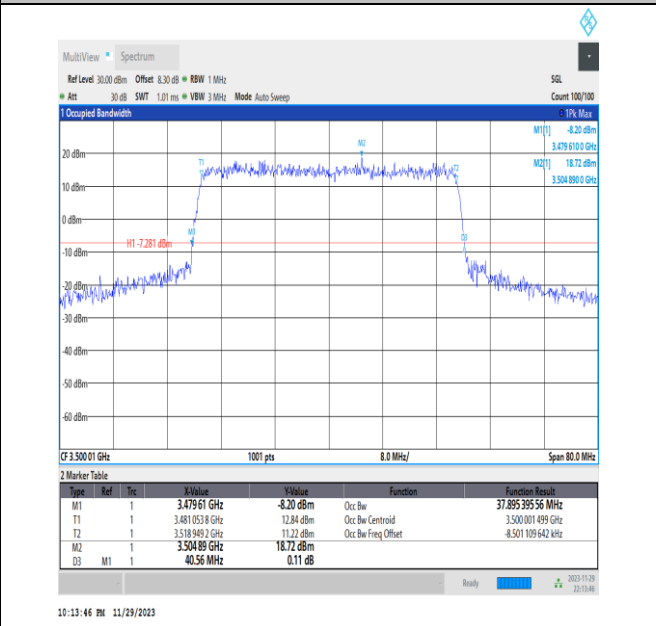
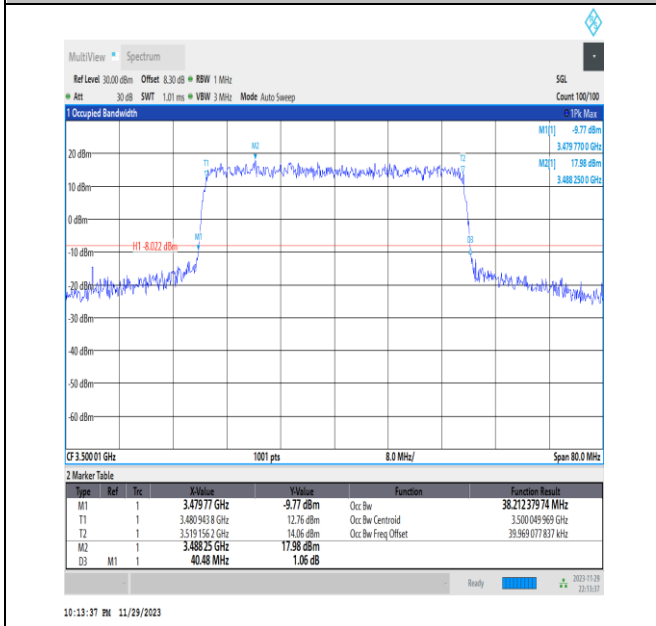
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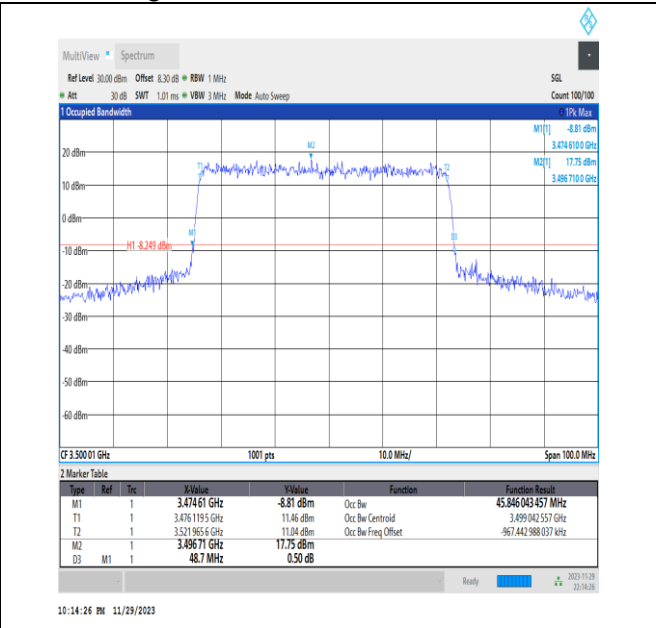
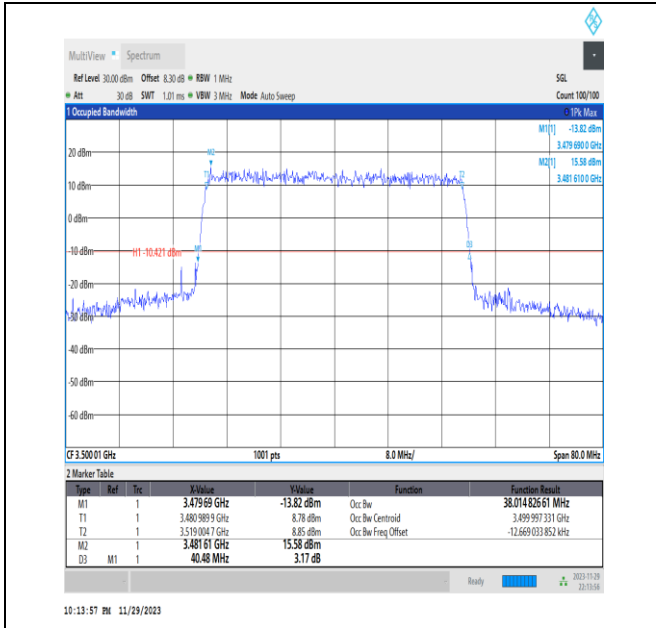
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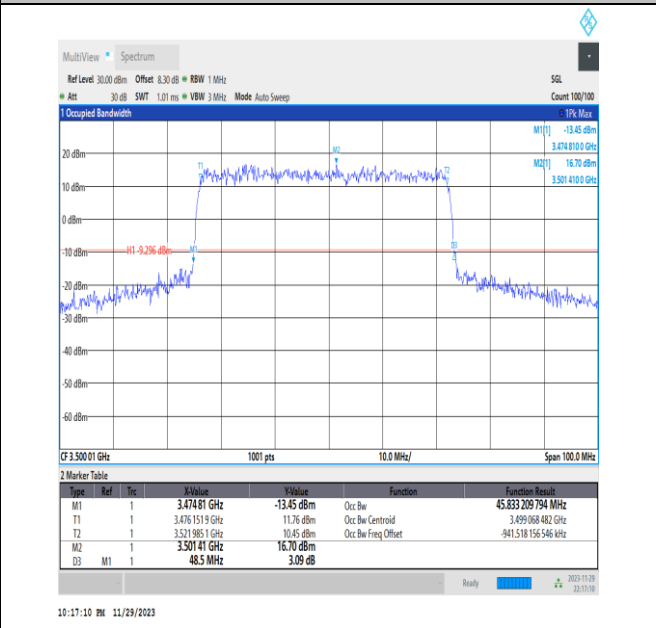
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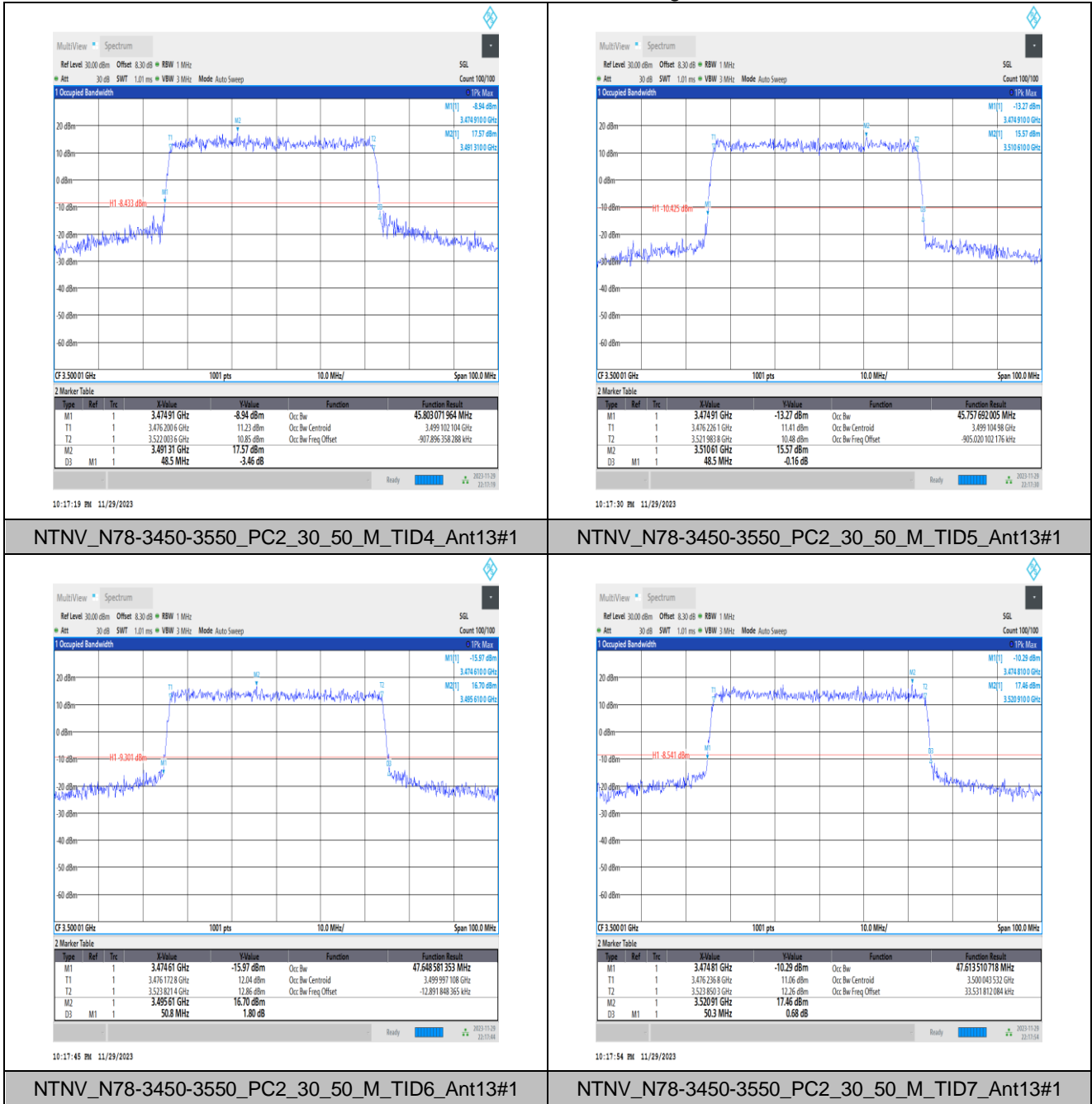
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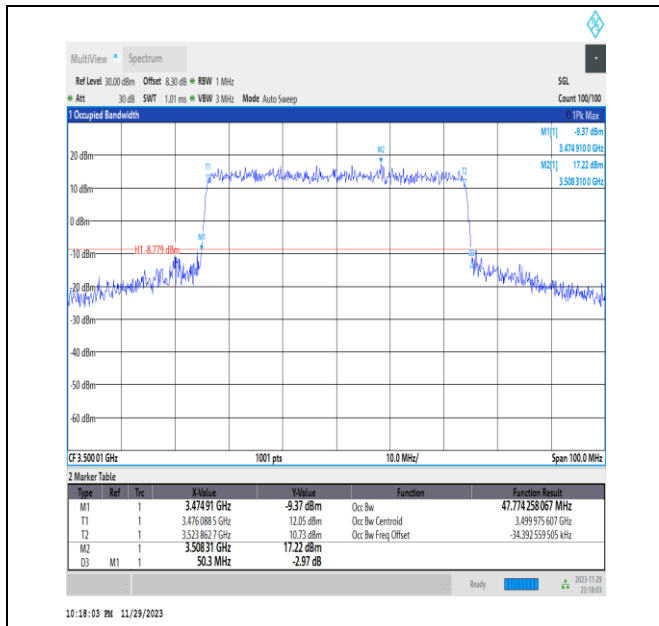
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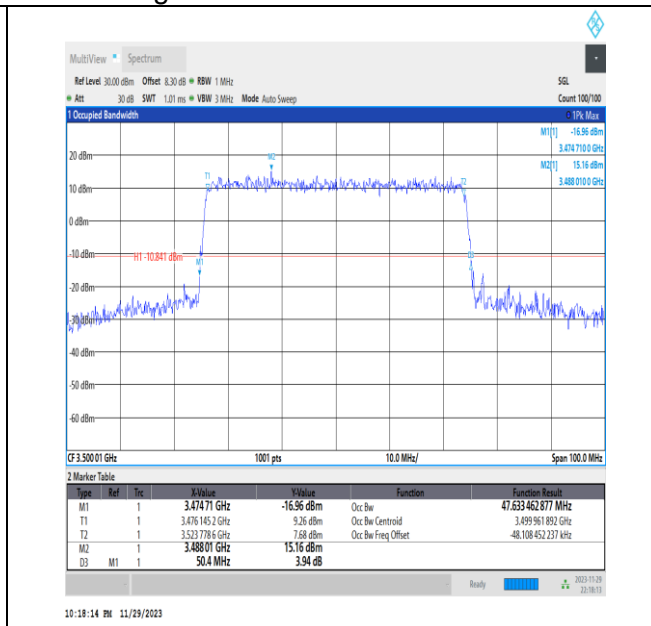
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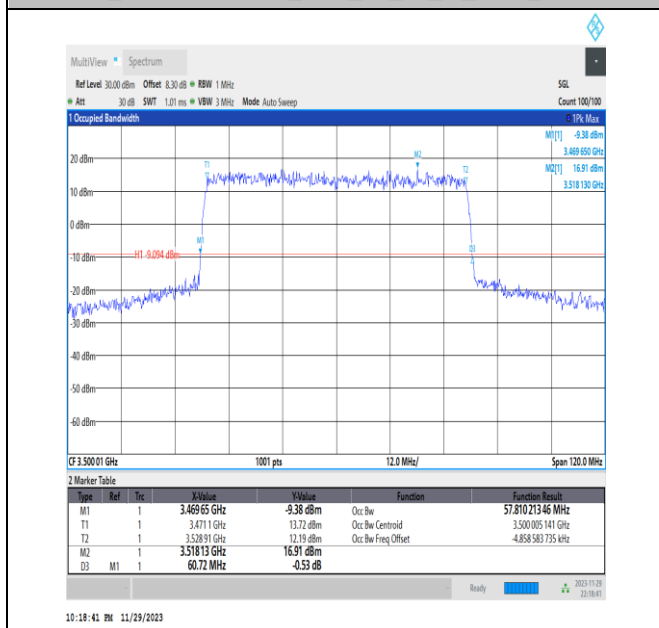
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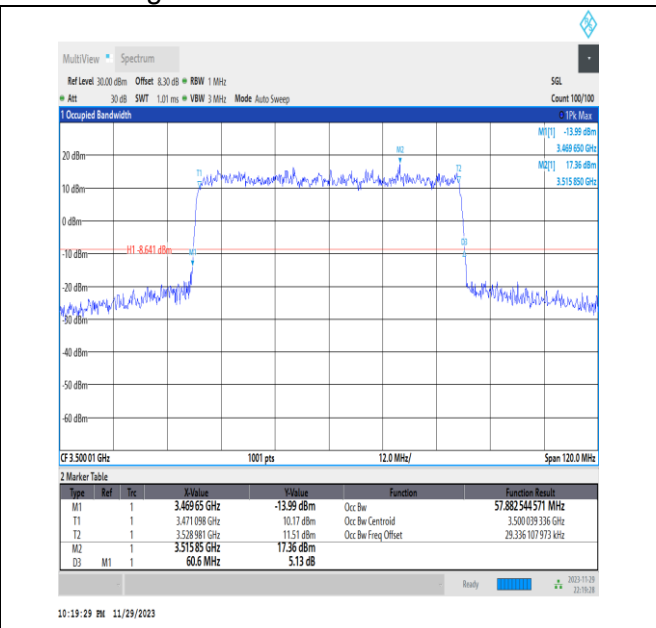
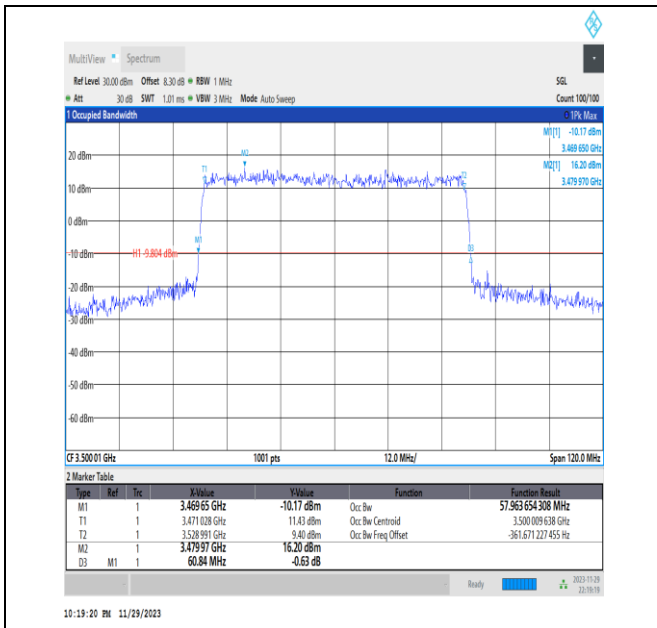
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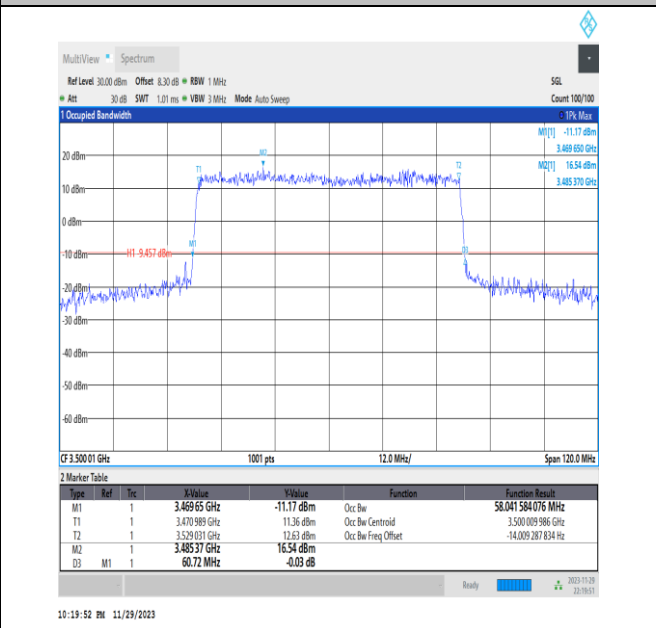
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