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Appendix B.24

NR Band n78(3450-3550)



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Effective (Isotropic) Radiated Power Output Data for

SEWM2307000261RG02

Test Result

Ant6:

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N78(3450-3550)	30	100	DFT-PI2BPSK	M	1RB1	27.15	29.75	30	PASS
N78(3450-3550)	30	100	DFT-PI2BPSK	M	1RB271	26.60	29.20	30	PASS
N78(3450-3550)	30	100	DFT-PI2BPSK	M	272RB0	25.93	28.53	30	PASS
N78(3450-3550)	30	100	DFT-QPSK	M	1RB1	27.15	29.75	30	PASS
N78(3450-3550)	30	100	DFT-QPSK	M	1RB271	26.67	29.27	30	PASS
N78(3450-3550)	30	100	DFT-QPSK	M	272RB0	25.79	28.39	30	PASS
N78(3450-3550)	30	100	DFT-16QAM	M	1RB1	26.28	28.88	30	PASS
N78(3450-3550)	30	100	DFT-64QAM	M	1RB1	24.94	27.54	30	PASS
N78(3450-3550)	30	100	DFT-256QAM	M	1RB1	22.74	25.34	30	PASS
N78(3450-3550)	30	100	CP-QPSK	M	1RB1	25.11	27.71	30	PASS
N78(3450-3550)	30	90	DFT-QPSK	L	1RB1	26.85	29.45	30	PASS
N78(3450-3550)	30	90	DFT-16QAM	L	1RB1	25.37	27.97	30	PASS
N78(3450-3550)	30	90	DFT-QPSK	M	1RB1	26.67	29.27	30	PASS
N78(3450-3550)	30	90	DFT-16QAM	M	1RB1	25.82	28.42	30	PASS
N78(3450-3550)	30	90	DFT-QPSK	H	1RB1	26.68	29.28	30	PASS
N78(3450-3550)	30	90	DFT-16QAM	H	1RB1	25.64	28.24	30	PASS
N78(3450-3550)	30	80	DFT-QPSK	L	1RB1	26.57	29.17	30	PASS
N78(3450-3550)	30	80	DFT-16QAM	L	1RB1	25.37	27.97	30	PASS
N78(3450-3550)	30	80	DFT-QPSK	M	1RB1	26.81	29.41	30	PASS
N78(3450-3550)	30	80	DFT-16QAM	M	1RB1	25.66	28.26	30	PASS
N78(3450-3550)	30	80	DFT-QPSK	H	1RB1	26.80	29.40	30	PASS
N78(3450-3550)	30	80	DFT-16QAM	H	1RB1	25.38	27.98	30	PASS
N78(3450-3550)	30	70	DFT-QPSK	L	1RB1	26.89	29.49	30	PASS
N78(3450-3550)	30	70	DFT-16QAM	L	1RB1	25.74	28.34	30	PASS
N78(3450-3550)	30	70	DFT-QPSK	M	1RB1	26.73	29.33	30	PASS
N78(3450-3550)	30	70	DFT-16QAM	M	1RB1	25.61	28.21	30	PASS
N78(3450-3550)	30	70	DFT-QPSK	H	1RB1	26.74	29.34	30	PASS
N78(3450-3550)	30	70	DFT-16QAM	H	1RB1	25.49	28.09	30	PASS



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N78(3450-3550)	30	60	DFT-QPSK	L	1RB1	26.69	29.29	30	PASS
N78(3450-3550)	30	60	DFT-16QAM	L	1RB1	25.68	28.28	30	PASS
N78(3450-3550)	30	60	DFT-QPSK	M	1RB1	26.76	29.36	30	PASS
N78(3450-3550)	30	60	DFT-16QAM	M	1RB1	25.55	28.15	30	PASS
N78(3450-3550)	30	60	DFT-QPSK	H	1RB1	26.64	29.24	30	PASS
N78(3450-3550)	30	60	DFT-16QAM	H	1RB1	25.61	28.21	30	PASS
N78(3450-3550)	30	50	DFT-QPSK	L	1RB1	26.63	29.23	30	PASS
N78(3450-3550)	30	50	DFT-16QAM	L	1RB1	25.50	28.10	30	PASS
N78(3450-3550)	30	50	DFT-QPSK	M	1RB1	26.89	29.49	30	PASS
N78(3450-3550)	30	50	DFT-16QAM	M	1RB1	25.49	28.09	30	PASS
N78(3450-3550)	30	50	DFT-QPSK	H	1RB1	26.72	29.32	30	PASS
N78(3450-3550)	30	50	DFT-16QAM	H	1RB1	25.67	28.27	30	PASS
N78(3450-3550)	30	40	DFT-QPSK	L	1RB1	26.92	29.52	30	PASS
N78(3450-3550)	30	40	DFT-16QAM	L	1RB1	25.58	28.18	30	PASS
N78(3450-3550)	30	40	DFT-QPSK	M	1RB1	26.44	29.04	30	PASS
N78(3450-3550)	30	40	DFT-16QAM	M	1RB1	25.63	28.23	30	PASS
N78(3450-3550)	30	40	DFT-QPSK	H	1RB1	26.69	29.29	30	PASS
N78(3450-3550)	30	40	DFT-16QAM	H	1RB1	25.70	28.30	30	PASS
N78(3450-3550)	30	30	DFT-QPSK	L	1RB1	26.56	29.16	30	PASS
N78(3450-3550)	30	30	DFT-16QAM	L	1RB1	25.69	28.29	30	PASS
N78(3450-3550)	30	30	DFT-QPSK	M	1RB1	26.85	29.45	30	PASS
N78(3450-3550)	30	30	DFT-16QAM	M	1RB1	25.51	28.11	30	PASS
N78(3450-3550)	30	30	DFT-QPSK	H	1RB1	26.62	29.22	30	PASS
N78(3450-3550)	30	30	DFT-16QAM	H	1RB1	25.75	28.35	30	PASS
N78(3450-3550)	30	20	DFT-QPSK	L	1RB1	26.68	29.28	30	PASS
N78(3450-3550)	30	20	DFT-16QAM	L	1RB1	25.46	28.06	30	PASS
N78(3450-3550)	30	20	DFT-QPSK	M	1RB1	26.81	29.41	30	PASS
N78(3450-3550)	30	20	DFT-16QAM	M	1RB1	25.64	28.24	30	PASS
N78(3450-3550)	30	20	DFT-QPSK	H	1RB1	26.70	29.30	30	PASS
N78(3450-3550)	30	20	DFT-16QAM	H	1RB1	25.62	28.22	30	PASS
N78(3450-3550)	30	15	DFT-QPSK	L	1RB1	26.59	29.19	30	PASS
N78(3450-3550)	30	15	DFT-16QAM	L	1RB1	25.55	28.15	30	PASS
N78(3450-3550)	30	15	DFT-QPSK	M	1RB1	26.72	29.32	30	PASS
N78(3450-3550)	30	15	DFT-16QAM	M	1RB1	25.73	28.33	30	PASS
N78(3450-3550)	30	15	DFT-QPSK	H	1RB1	26.67	29.27	30	PASS
N78(3450-3550)	30	15	DFT-16QAM	H	1RB1	25.40	28.00	30	PASS
N78(3450-3550)	30	10	DFT-QPSK	L	1RB1	26.72	29.32	30	PASS



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N78(3450-3550)	30	10	DFT-16QAM	L	1RB1	25.31	27.91	30	PASS
N78(3450-3550)	30	10	DFT-QPSK	M	1RB1	26.63	29.23	30	PASS
N78(3450-3550)	30	10	DFT-16QAM	M	1RB1	25.88	28.48	30	PASS
N78(3450-3550)	30	10	DFT-QPSK	H	1RB1	26.71	29.31	30	PASS
N78(3450-3550)	30	10	DFT-16QAM	H	1RB1	25.38	27.98	30	PASS



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Effective (Isotropic) Radiated Power Output Data for

SEWM2309000395RG02

Test Result

Ant6:

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	EIRP (dBm)	Limit	Verdict
N78(3450-3550)	30	100	DFT-PI2BPSK	M	1RB1	27.06	29.66	30	PASS
N78(3450-3550)	30	100	DFT-PI2BPSK	M	1RB271	26.54	29.14	30	PASS
N78(3450-3550)	30	100	DFT-PI2BPSK	M	272RB0	25.81	28.41	30	PASS



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Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N78-3450-3550	30	100	DFT-256QAM	L	Outer_Full	9.31	≤13	PASS
N78-3450-3550	30	100	CP-256QAM	L	Outer_Full	9.32	≤13	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	9.47	≤13	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	9.93	≤13	PASS
N78-3450-3550	30	100	DFT-256QAM	H	Outer_Full	9.89	≤13	PASS
N78-3450-3550	30	100	CP-256QAM	H	Outer_Full	9.30	≤13	PASS



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Test Graphs

<p>14:53:41 10.08.2023</p>	<p>14:54:00 10.08.2023</p>
<p>1-N78-3450-3550-PC2-30-100-L-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.40-100%-0.00-9.40-PASS-≤1</p> <p style="text-align: center;">3</p>	<p>1-N78-3450-3550-PC2-30-100-L-2-CP-256QAM-Outer_Full-273@0-Ant1-9.54-100%-0.00-9.54-PASS-≤1</p> <p style="text-align: center;">3</p>
<p>14:54:19 10.08.2023</p>	<p>14:54:39 10.08.2023</p>
<p>1-N78-3450-3550-PC2-30-100-M-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.64-100%-0.00-9.64-PASS-≤1</p> <p style="text-align: center;">13</p>	<p>1-N78-3450-3550-PC2-30-100-M-2-CP-256QAM-Outer_Full-273@0-Ant1-9.70-100%-0.00-9.70-PASS-≤1</p> <p style="text-align: center;">3</p>



<p>1-N78-3450-3550-PC2-30-100-H-1-DFT-256QAM-Outer_Full-270@0-Ant1-9.79-100%-0.00-9.79-PASS-≤1</p> <p style="text-align: center;">3</p>	<p>1-N78-3450-3550-PC2-30-100-H-2-CP-256QAM-Outer_Full-273@0-Ant1-9.68-100%-0.00-9.68-PASS-≤1</p> <p style="text-align: center;">3</p>



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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	Outer_Full	8.564	9.580	PASS
N78-3450-3550	30	10	DFT-PI2BPSK	M	Outer_Full	8.575	9.580	PASS
N78-3450-3550	30	10	DFT-16QAM	M	Outer_Full	8.595	9.640	PASS
N78-3450-3550	30	10	DFT-64QAM	M	Outer_Full	8.555	9.820	PASS
N78-3450-3550	30	10	DFT-256QAM	M	Outer_Full	8.591	9.500	PASS
N78-3450-3550	30	10	CP-QPSK	M	Outer_Full	8.587	9.860	PASS
N78-3450-3550	30	10	CP-16QAM	M	Outer_Full	8.587	9.780	PASS
N78-3450-3550	30	10	CP-64QAM	M	Outer_Full	8.602	9.660	PASS
N78-3450-3550	30	10	CP-256QAM	M	Outer_Full	8.585	9.260	PASS
N78-3450-3550	30	15	DFT-QPSK	M	Outer_Full	12.83	14.100	PASS
N78-3450-3550	30	15	DFT-PI2BPSK	M	Outer_Full	12.873	13.860	PASS
N78-3450-3550	30	15	DFT-16QAM	M	Outer_Full	12.843	14.220	PASS
N78-3450-3550	30	15	DFT-64QAM	M	Outer_Full	12.896	14.340	PASS
N78-3450-3550	30	15	DFT-256QAM	M	Outer_Full	12.807	13.980	PASS
N78-3450-3550	30	15	CP-QPSK	M	Outer_Full	13.622	14.370	PASS
N78-3450-3550	30	15	CP-16QAM	M	Outer_Full	13.588	14.550	PASS
N78-3450-3550	30	15	CP-64QAM	M	Outer_Full	13.561	14.580	PASS
N78-3450-3550	30	15	CP-256QAM	M	Outer_Full	13.62	14.670	PASS
N78-3450-3550	30	20	DFT-QPSK	M	Outer_Full	17.806	19.120	PASS
N78-3450-3550	30	20	DFT-PI2BPSK	M	Outer_Full	17.813	19.040	PASS
N78-3450-3550	30	20	DFT-16QAM	M	Outer_Full	17.853	19.360	PASS
N78-3450-3550	30	20	DFT-64QAM	M	Outer_Full	17.727	19.400	PASS
N78-3450-3550	30	20	DFT-256QAM	M	Outer_Full	17.788	18.960	PASS
N78-3450-3550	30	20	CP-QPSK	M	Outer_Full	18.263	19.640	PASS
N78-3450-3550	30	20	CP-16QAM	M	Outer_Full	18.212	19.240	PASS
N78-3450-3550	30	20	CP-64QAM	M	Outer_Full	18.163	19.600	PASS
N78-3450-3550	30	20	CP-256QAM	M	Outer_Full	18.18	19.320	PASS
N78-3450-3550	30	30	DFT-QPSK	M	Outer_Full	26.87	28.560	PASS
N78-3450-3550	30	30	DFT-PI2BPSK	M	Outer_Full	26.651	28.260	PASS
N78-3450-3550	30	30	DFT-16QAM	M	Outer_Full	26.705	28.260	PASS



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N78-3450-3550	30	30	DFT-64QAM	M	Outer_Full	26.721	28.140	PASS
N78-3450-3550	30	30	DFT-256QAM	M	Outer_Full	26.752	28.080	PASS
N78-3450-3550	30	30	CP-QPSK	M	Outer_Full	27.841	29.400	PASS
N78-3450-3550	30	30	CP-16QAM	M	Outer_Full	27.863	29.220	PASS
N78-3450-3550	30	30	CP-64QAM	M	Outer_Full	27.846	29.520	PASS
N78-3450-3550	30	30	CP-256QAM	M	Outer_Full	27.808	29.340	PASS
N78-3450-3550	30	40	DFT-QPSK	M	Outer_Full	35.71	37.760	PASS
N78-3450-3550	30	40	DFT-PI2BPSK	M	Outer_Full	35.799	37.760	PASS
N78-3450-3550	30	40	DFT-16QAM	M	Outer_Full	35.609	37.360	PASS
N78-3450-3550	30	40	DFT-64QAM	M	Outer_Full	35.768	37.360	PASS
N78-3450-3550	30	40	DFT-256QAM	M	Outer_Full	35.717	37.840	PASS
N78-3450-3550	30	40	CP-QPSK	M	Outer_Full	37.821	39.680	PASS
N78-3450-3550	30	40	CP-16QAM	M	Outer_Full	37.799	39.600	PASS
N78-3450-3550	30	40	CP-64QAM	M	Outer_Full	37.77	39.680	PASS
N78-3450-3550	30	40	CP-256QAM	M	Outer_Full	37.787	39.440	PASS
N78-3450-3550	30	50	DFT-QPSK	M	Outer_Full	45.588	47.800	PASS
N78-3450-3550	30	50	DFT-PI2BPSK	M	Outer_Full	45.677	47.700	PASS
N78-3450-3550	30	50	DFT-16QAM	M	Outer_Full	45.669	47.500	PASS
N78-3450-3550	30	50	DFT-64QAM	M	Outer_Full	45.683	47.500	PASS
N78-3450-3550	30	50	DFT-256QAM	M	Outer_Full	45.804	47.600	PASS
N78-3450-3550	30	50	CP-QPSK	M	Outer_Full	47.336	49.700	PASS
N78-3450-3550	30	50	CP-16QAM	M	Outer_Full	47.32	49.600	PASS
N78-3450-3550	30	50	CP-64QAM	M	Outer_Full	47.423	49.500	PASS
N78-3450-3550	30	50	CP-256QAM	M	Outer_Full	47.495	49.300	PASS
N78-3450-3550	30	60	DFT-QPSK	M	Outer_Full	57.745	59.760	PASS
N78-3450-3550	30	60	DFT-PI2BPSK	M	Outer_Full	57.859	60.120	PASS
N78-3450-3550	30	60	DFT-16QAM	M	Outer_Full	58.029	59.640	PASS
N78-3450-3550	30	60	DFT-64QAM	M	Outer_Full	57.805	59.760	PASS
N78-3450-3550	30	60	DFT-256QAM	M	Outer_Full	57.922	60.000	PASS
N78-3450-3550	30	60	CP-QPSK	M	Outer_Full	57.631	60.600	PASS
N78-3450-3550	30	60	CP-16QAM	M	Outer_Full	57.773	59.880	PASS
N78-3450-3550	30	60	CP-64QAM	M	Outer_Full	57.826	59.640	PASS
N78-3450-3550	30	60	CP-256QAM	M	Outer_Full	57.815	59.640	PASS
N78-3450-3550	30	70	DFT-QPSK	M	Outer_Full	64.163	66.220	PASS
N78-3450-3550	30	70	DFT-PI2BPSK	M	Outer_Full	64.293	66.500	PASS
N78-3450-3550	30	70	DFT-16QAM	M	Outer_Full	64.061	66.360	PASS
N78-3450-3550	30	70	DFT-64QAM	M	Outer_Full	64.239	66.220	PASS



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N78-3450-3550	30	70	DFT-256QAM	M	Outer_Full	64.299	66.360	PASS
N78-3450-3550	30	70	CP-QPSK	M	Outer_Full	67.396	70.000	PASS
N78-3450-3550	30	70	CP-16QAM	M	Outer_Full	67.211	69.440	PASS
N78-3450-3550	30	70	CP-64QAM	M	Outer_Full	67.672	69.440	PASS
N78-3450-3550	30	70	CP-256QAM	M	Outer_Full	67.259	69.720	PASS
N78-3450-3550	30	80	DFT-QPSK	M	Outer_Full	77.13	80.160	PASS
N78-3450-3550	30	80	DFT-PI2BPSK	M	Outer_Full	77.183	80.480	PASS
N78-3450-3550	30	80	DFT-16QAM	M	Outer_Full	77.068	80.480	PASS
N78-3450-3550	30	80	DFT-64QAM	M	Outer_Full	77.159	80.160	PASS
N78-3450-3550	30	80	DFT-256QAM	M	Outer_Full	77.139	80.640	PASS
N78-3450-3550	30	80	CP-QPSK	M	Outer_Full	77.424	80.640	PASS
N78-3450-3550	30	80	CP-16QAM	M	Outer_Full	77.579	80.960	PASS
N78-3450-3550	30	80	CP-64QAM	M	Outer_Full	77.438	80.800	PASS
N78-3450-3550	30	80	CP-256QAM	M	Outer_Full	77.284	80.800	PASS
N78-3450-3550	30	90	DFT-QPSK	M	Outer_Full	85.466	88.920	PASS
N78-3450-3550	30	90	DFT-PI2BPSK	M	Outer_Full	85.76	89.100	PASS
N78-3450-3550	30	90	DFT-16QAM	M	Outer_Full	85.617	89.100	PASS
N78-3450-3550	30	90	DFT-64QAM	M	Outer_Full	85.682	89.460	PASS
N78-3450-3550	30	90	DFT-256QAM	M	Outer_Full	85.615	88.920	PASS
N78-3450-3550	30	90	CP-QPSK	M	Outer_Full	87.436	91.080	PASS
N78-3450-3550	30	90	CP-16QAM	M	Outer_Full	87.452	90.900	PASS
N78-3450-3550	30	90	CP-64QAM	M	Outer_Full	87.462	90.900	PASS
N78-3450-3550	30	90	CP-256QAM	M	Outer_Full	87.453	90.540	PASS
N78-3450-3550	30	100	DFT-QPSK	M	Outer_Full	96.34	99.800	PASS
N78-3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	96.457	99.600	PASS
N78-3450-3550	30	100	DFT-16QAM	M	Outer_Full	96.215	100.000	PASS
N78-3450-3550	30	100	DFT-64QAM	M	Outer_Full	96.188	100.000	PASS
N78-3450-3550	30	100	DFT-256QAM	M	Outer_Full	96.104	99.800	PASS
N78-3450-3550	30	100	CP-QPSK	M	Outer_Full	97.35	101.000	PASS
N78-3450-3550	30	100	CP-16QAM	M	Outer_Full	97.332	100.800	PASS
N78-3450-3550	30	100	CP-64QAM	M	Outer_Full	97.221	100.800	PASS
N78-3450-3550	30	100	CP-256QAM	M	Outer_Full	97.402	101.000	PASS



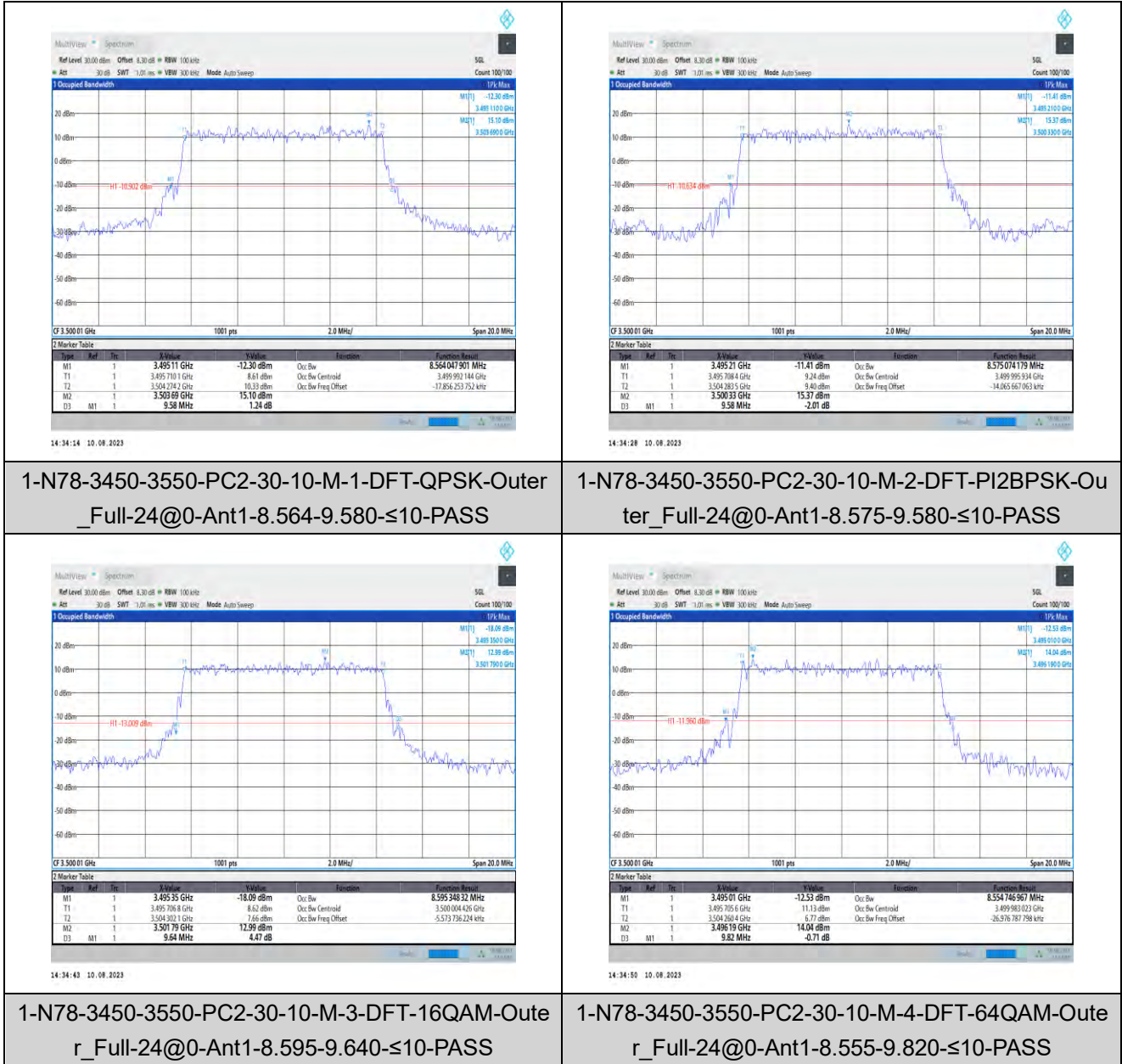
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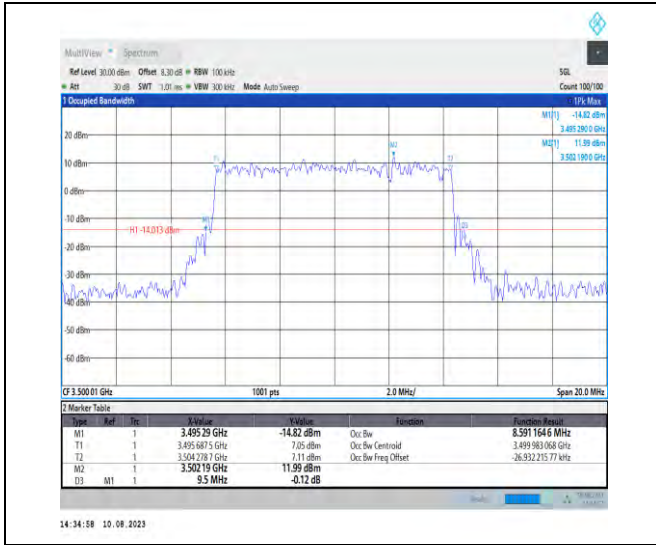
Test Graphs



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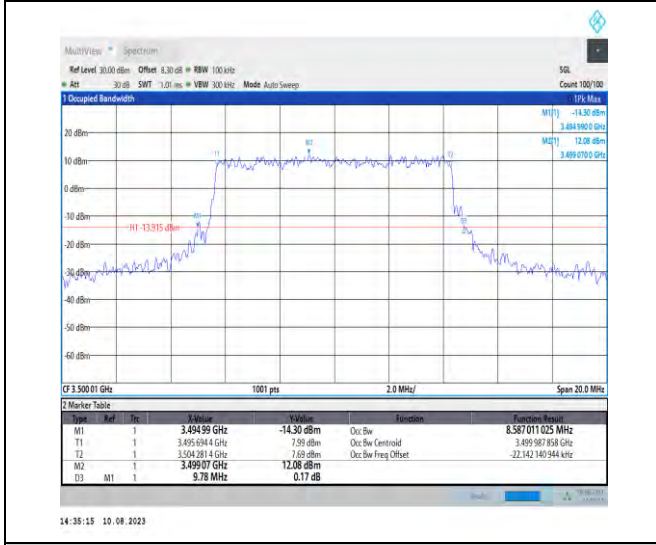
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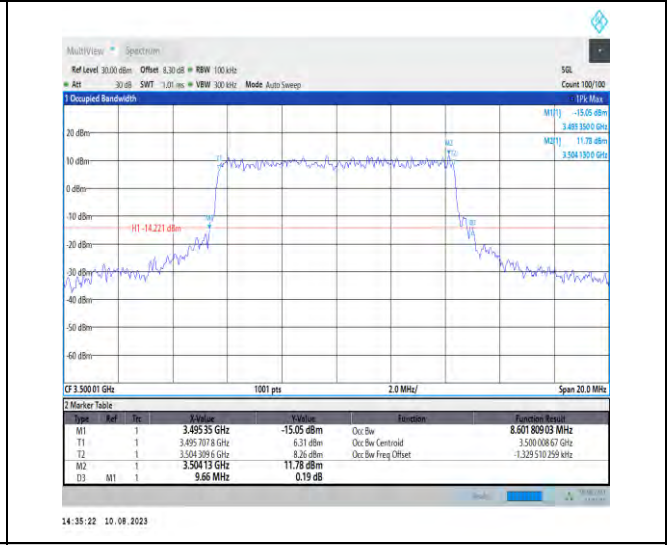
1-N78-3450-3550-PC2-30-10-M-5-DFT-256QAM-Out
_Full-24@0-Ant1-8.591-9.500-≤10-PASS



1-N78-3450-3550-PC2-30-10-M-6-CP-QPSK-Outer
_Full-24@0-Ant1-8.587-9.860-≤10-PASS



1-N78-3450-3550-PC2-30-10-M-7-CP-16QAM-Outer
_Full-24@0-Ant1-8.587-9.780-≤10-PASS



1-N78-3450-3550-PC2-30-10-M-8-CP-64QAM-Outer
_Full-24@0-Ant1-8.602-9.660-≤10-PASS

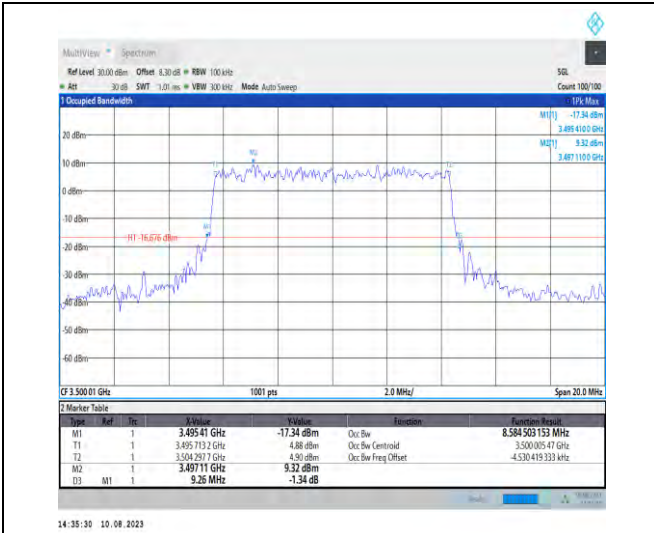


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1-N78-3450-3550-PC2-30-15-M-1-DFT-QPSK-Outer_Full-36@0-Ant1-12.83-14.100-≤15-PASS



1-N78-3450-3550-PC2-30-15-M-2-DFT-PI2BPSK-Outer_Full-36@0-Ant1-12.873-13.860-≤15-PASS

1-N78-3450-3550-PC2-30-15-M-3-DFT-16QAM-Outer_Full-36@0-Ant1-12.843-14.220-≤15-PASS



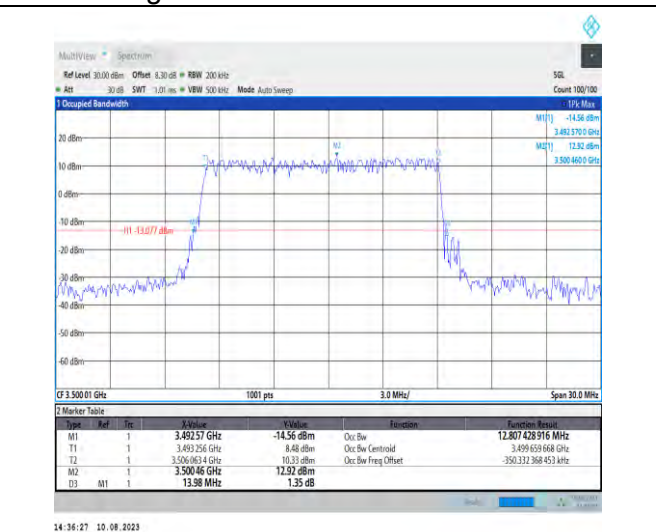
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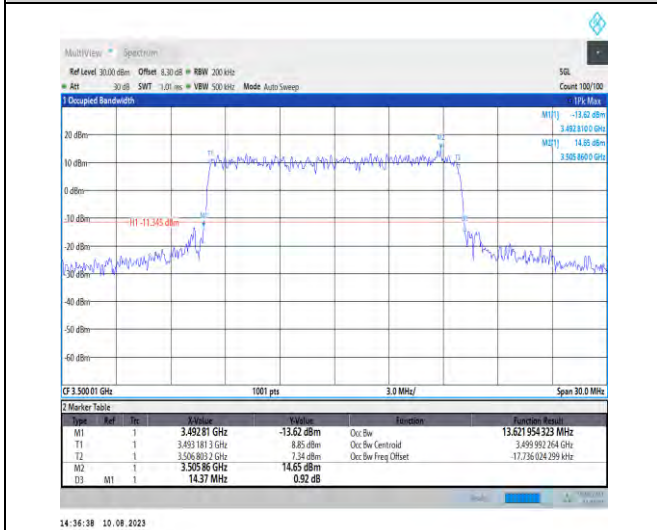
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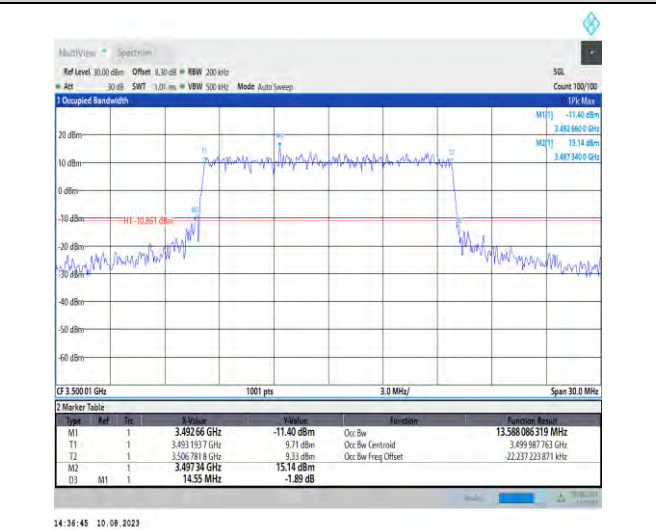
1-N78-3450-3550-PC2-30-15-M-4-DFT-64QAM-Outer_Full-36@0-Ant1-12.896-14.340-≤15-PASS



1-N78-3450-3550-PC2-30-15-M-5-DFT-256QAM-Outer_Full-36@0-Ant1-12.807-13.980-≤15-PASS



1-N78-3450-3550-PC2-30-15-M-6-CP-QPSK-Outer_Full-38@0-Ant1-13.622-14.370-≤15-PASS



1-N78-3450-3550-PC2-30-15-M-7-CP-16QAM-Outer_Full-38@0-Ant1-13.588-14.550-≤15-PASS

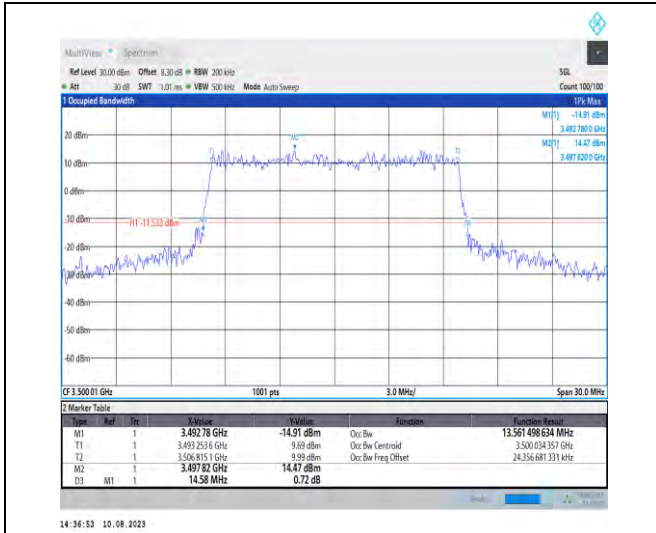


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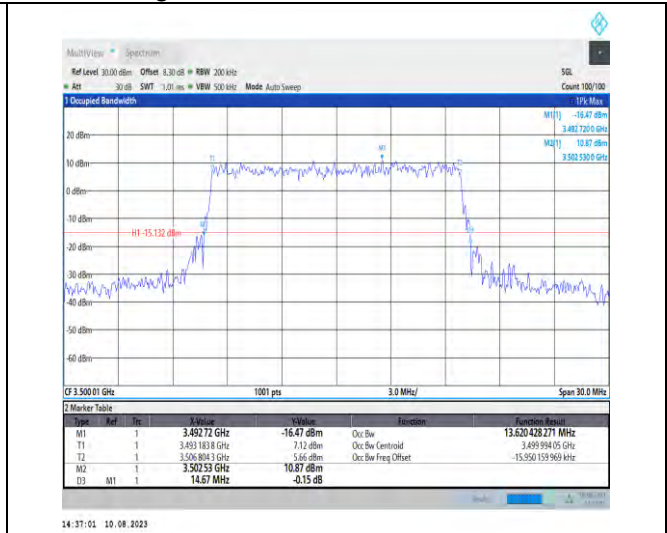
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1-N78-3450-3550-PC2-30-15-M-8-CP-64QAM-Outer_Full-38@0-Ant1-13.561-14.580-≤15-PASS



1-N78-3450-3550-PC2-30-15-M-9-CP-256QAM-Outer_Full-38@0-Ant1-13.62-14.670-≤15-PASS



1-N78-3450-3550-PC2-30-20-M-1-DFT-QPSK-Outer_Full-50@0-Ant1-17.806-19.120-≤20-PASS



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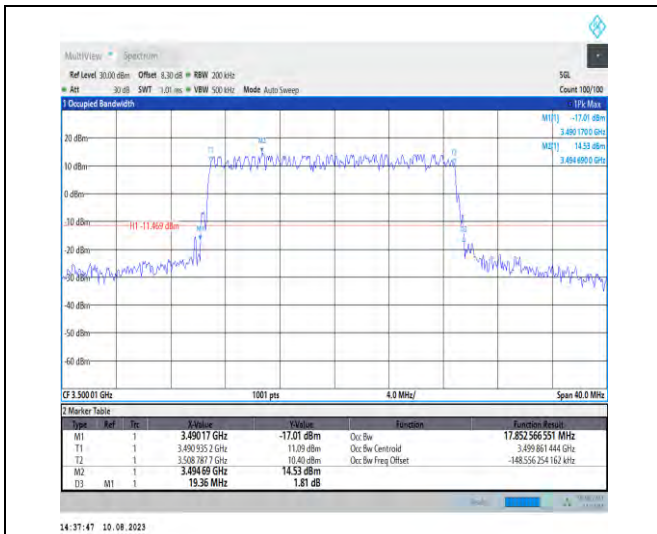


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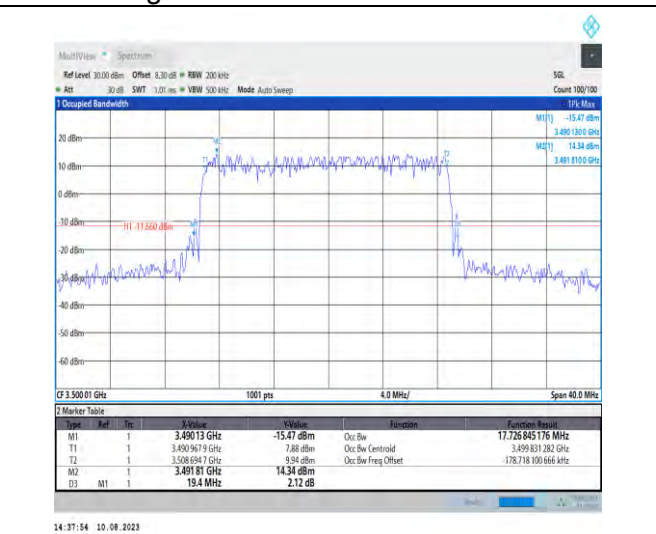
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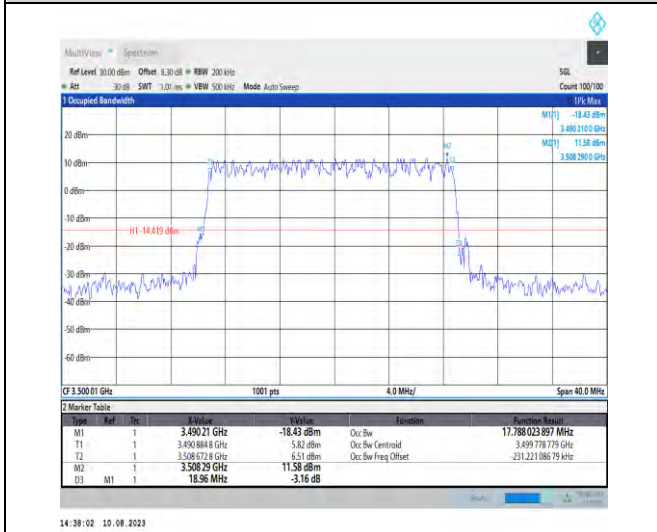
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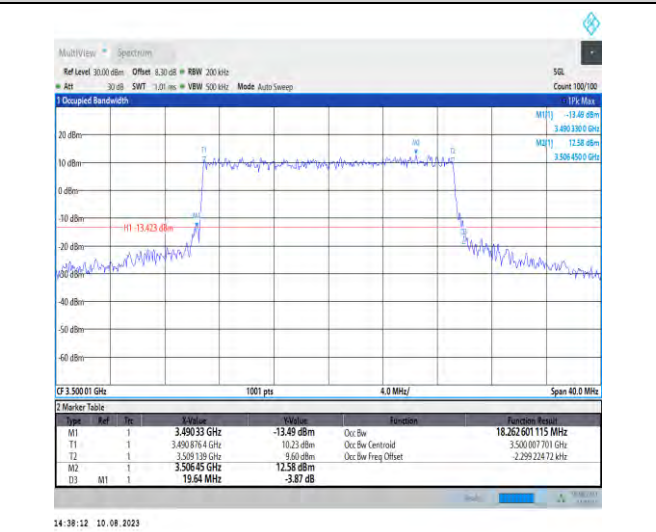
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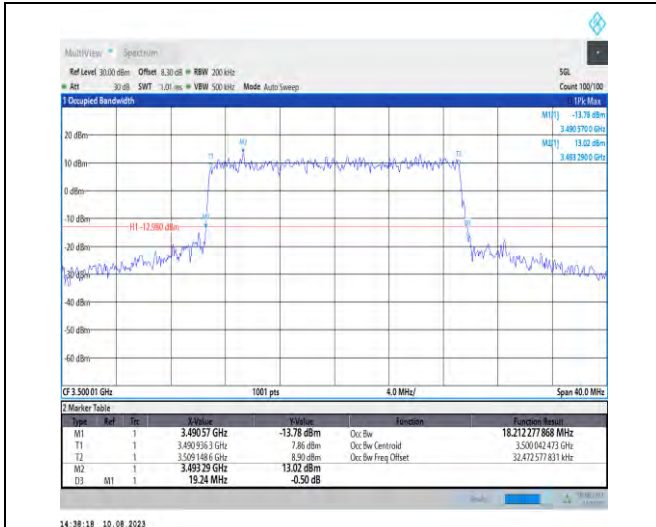
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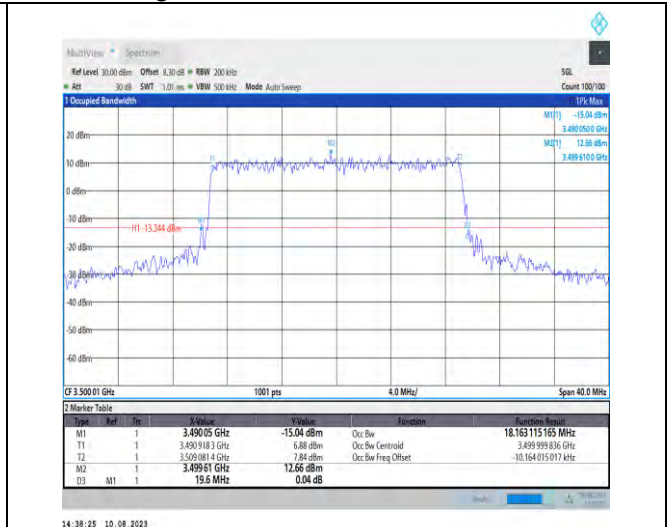
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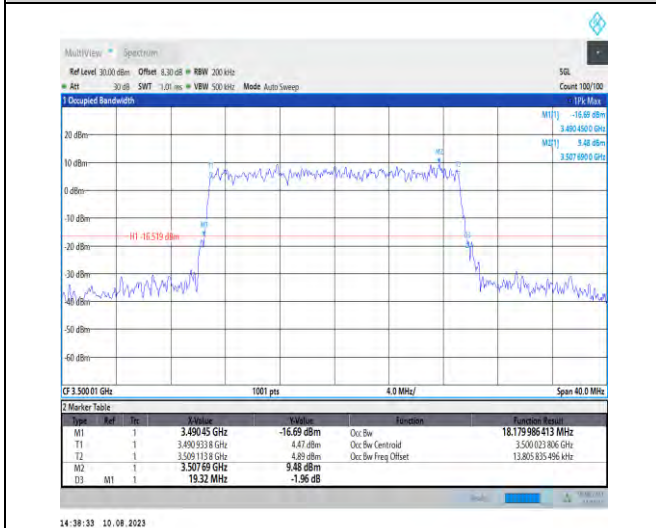
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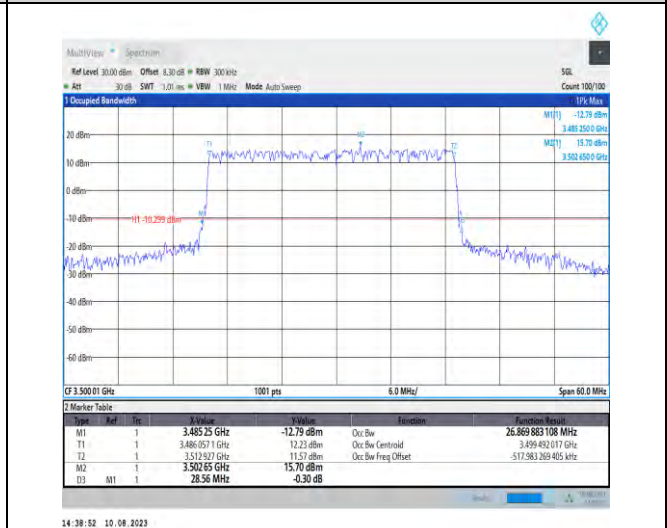
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1-N78-3450-3550-PC2-30-20-M-9-CP-256QAM-Outer_Full-51@0-Ant1-18.18-19.320-≤20-PASS



1-N78-3450-3550-PC2-30-30-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-26.87-28.560-≤30-PASS



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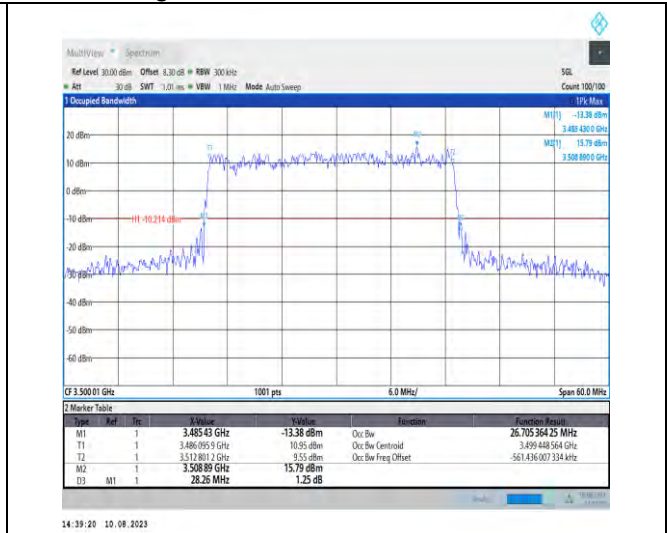
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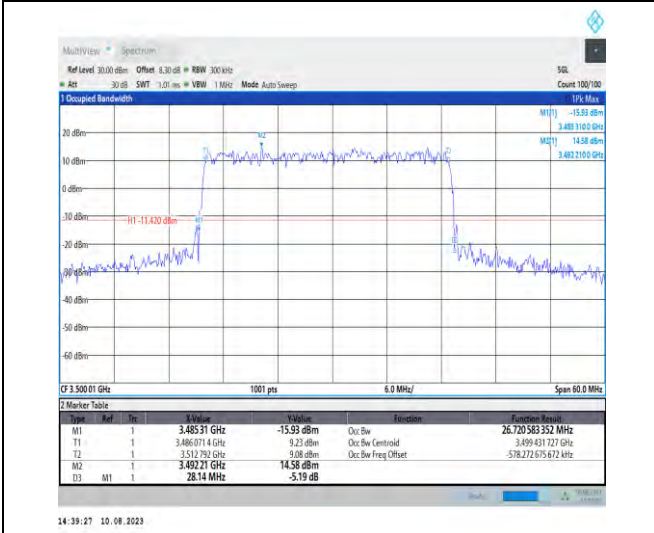
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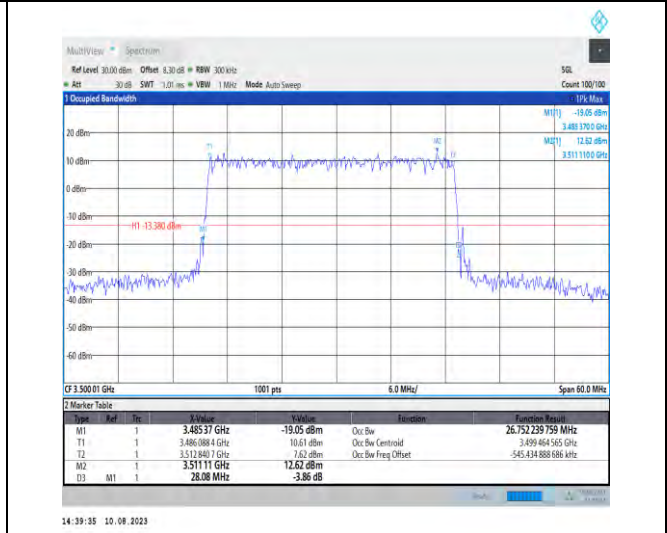
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1-N78-3450-3550-PC2-30-30-M-4-DFT-64QAM-Outer_Full-75@0-Ant1-26.721-28.140-≤30-PASS



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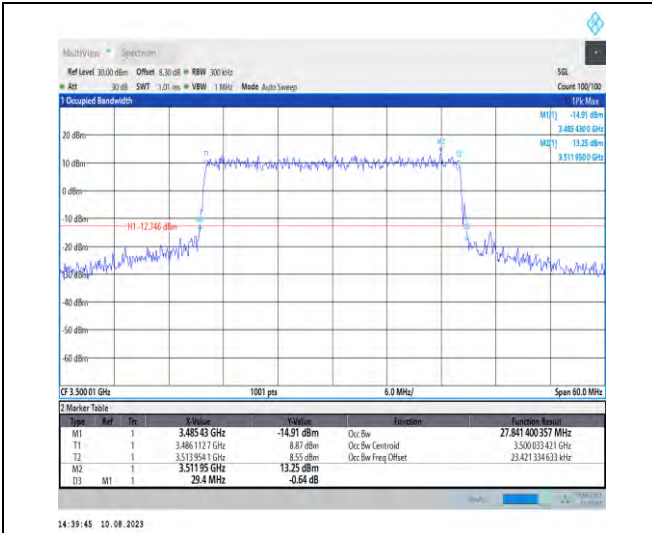


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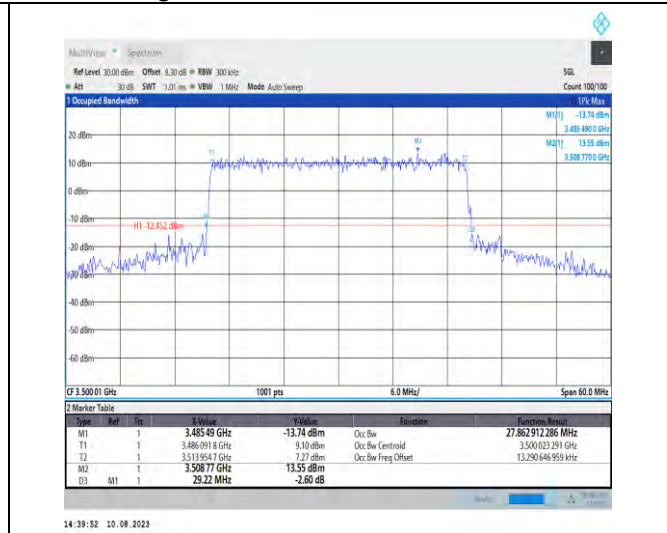
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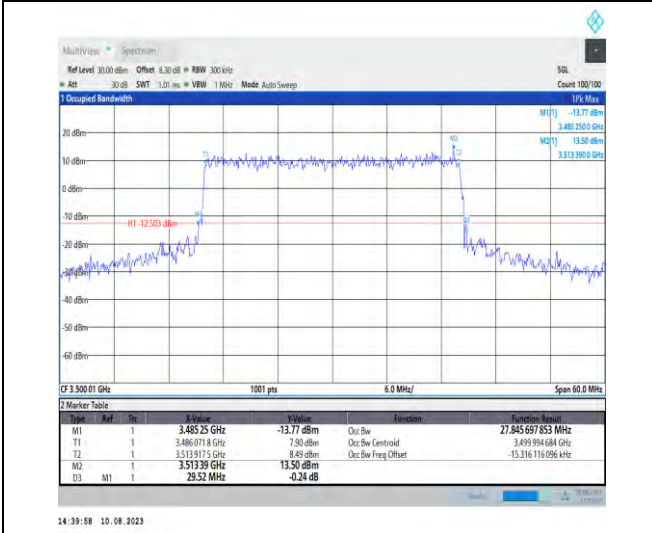
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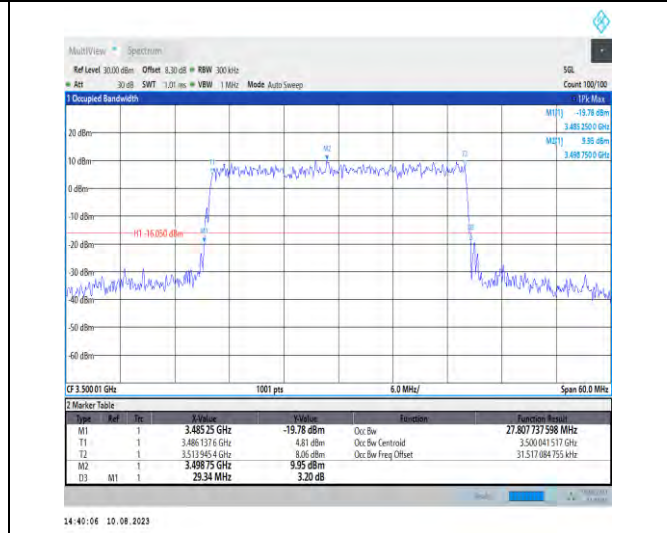
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1-N78-3450-3550-PC2-30-30-M-8-CP-64QAM-Outer_Full-78@0-Ant1-27.846-29.520-≤30-PASS



1-N78-3450-3550-PC2-30-30-M-9-CP-256QAM-Outer_Full-78@0-Ant1-27.808-29.340-≤30-PASS



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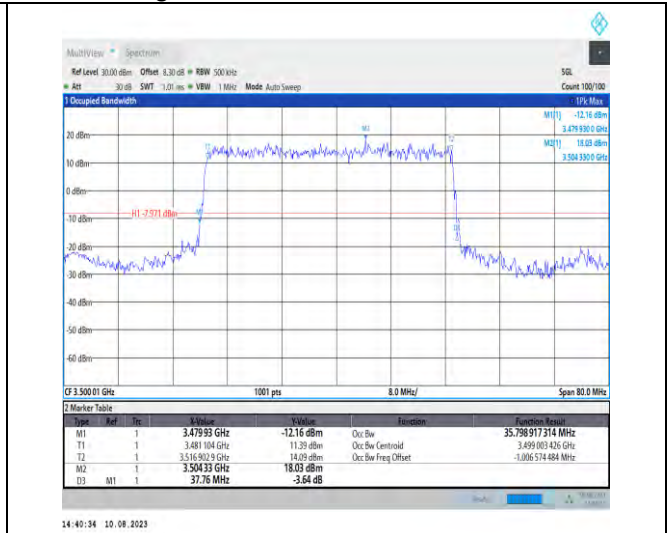
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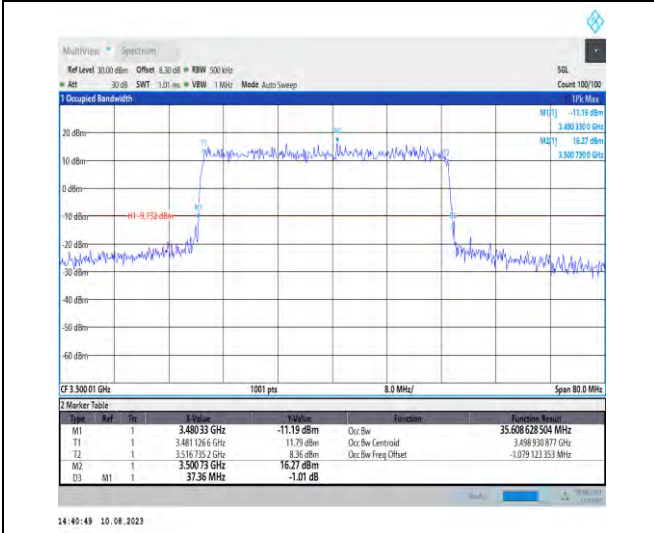
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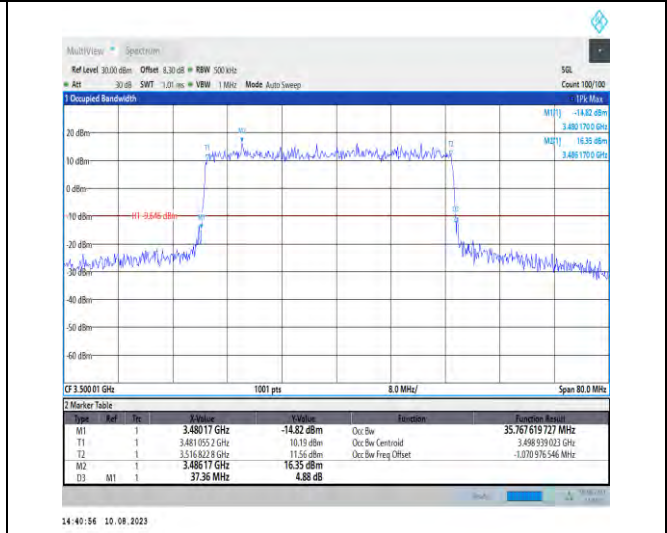
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1-N78-3450-3550-PC2-30-40-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-35.609-37.360-≤40-PASS



1-N78-3450-3550-PC2-30-40-M-4-DFT-64QAM-Outer_Full-100@0-Ant1-35.768-37.360-≤40-PASS



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1-N78-3450-3550-PC2-30-40-M-5-DFT-256QAM-Out_er_Full-100@0-Ant1-35.717-37.840-<=40-PASS



1-N78-3450-3550-PC2-30-40-M-6-CP-QPSK-Outer_Full-106@0-Ant1-37.821-39.680-<=40-PASS



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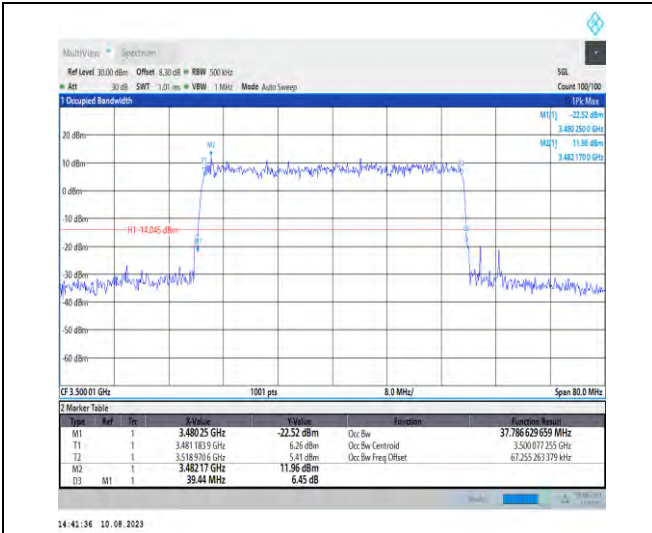


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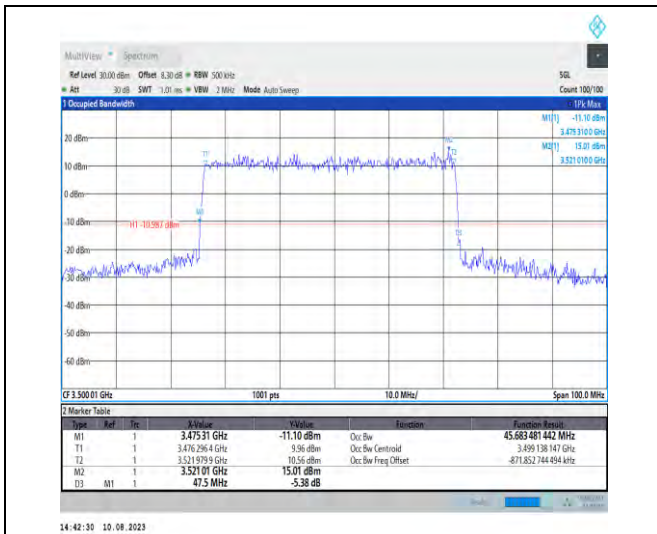
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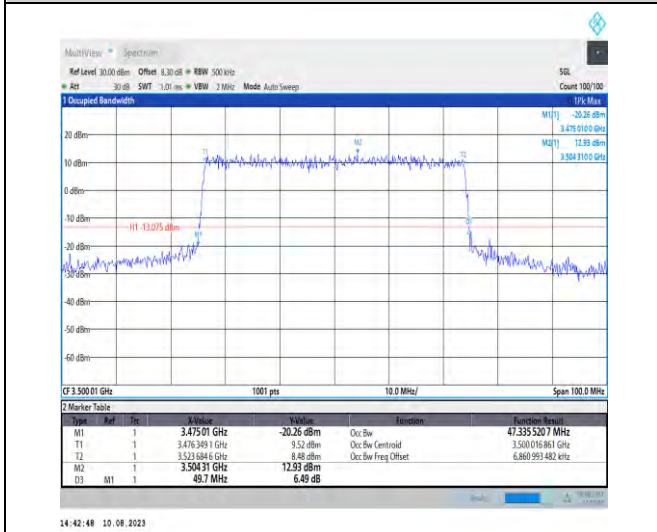
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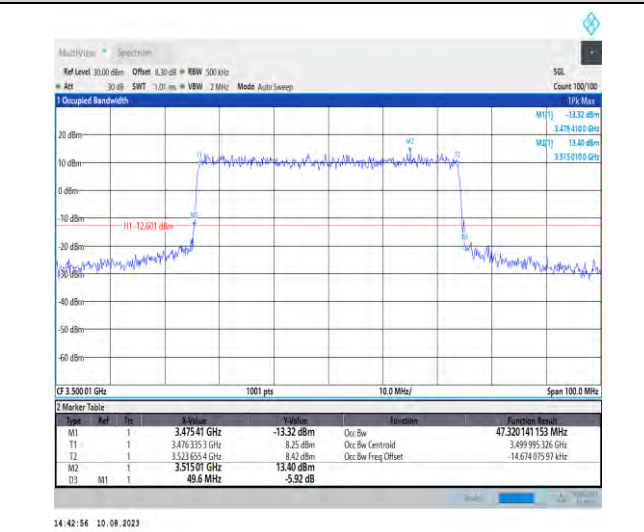
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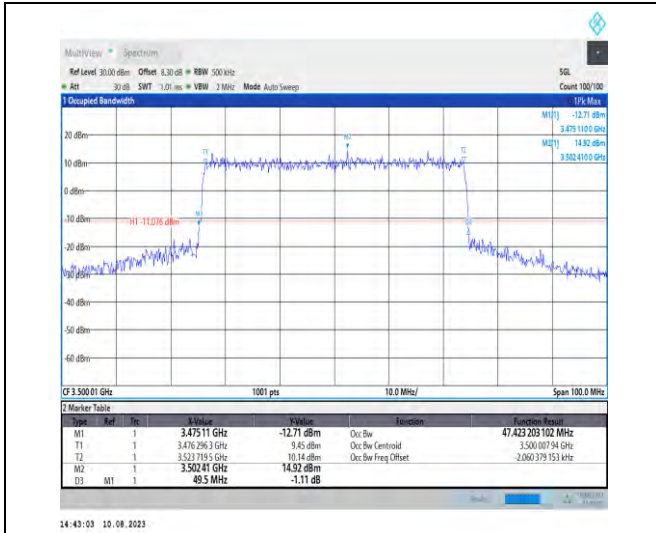


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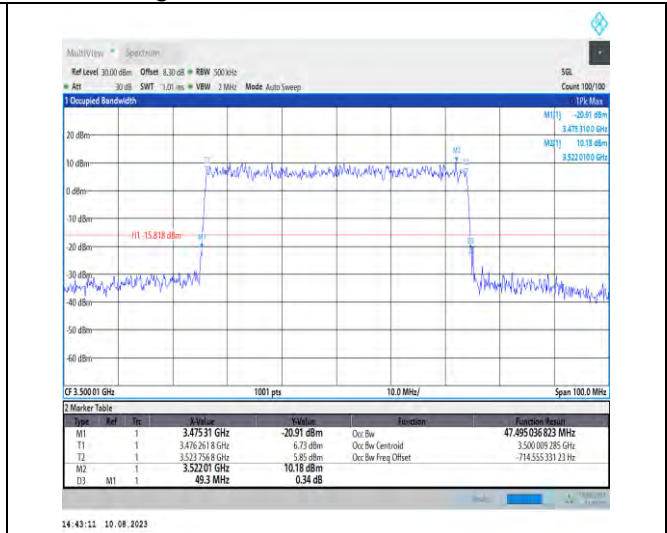
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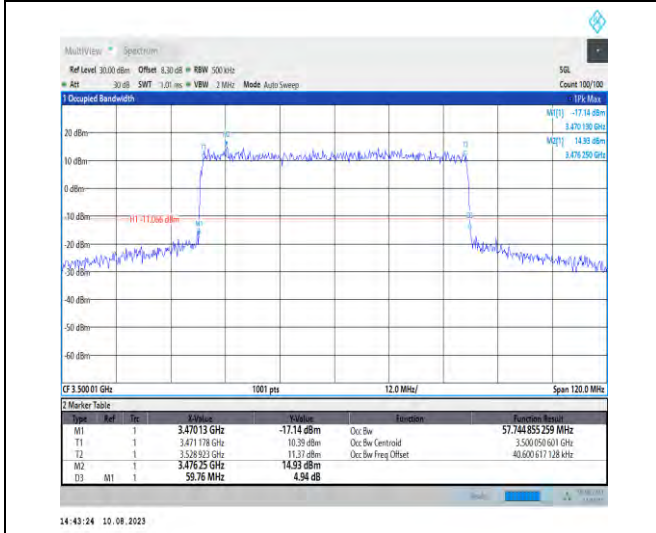
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1-N78-3450-3550-PC2-30-50-M-8-CP-64QAM-Outer_Full-133@0-Ant1-47.423-49.500-≤50-PASS



1-N78-3450-3550-PC2-30-50-M-9-CP-256QAM-Outer_Full-133@0-Ant1-47.495-49.300-≤50-PASS



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1-N78-3450-3550-PC2-30-60-M-2-DFT-PI2BPSK-Outer_Full-162@0-Ant1-57.859-60.120-≤60-PASS



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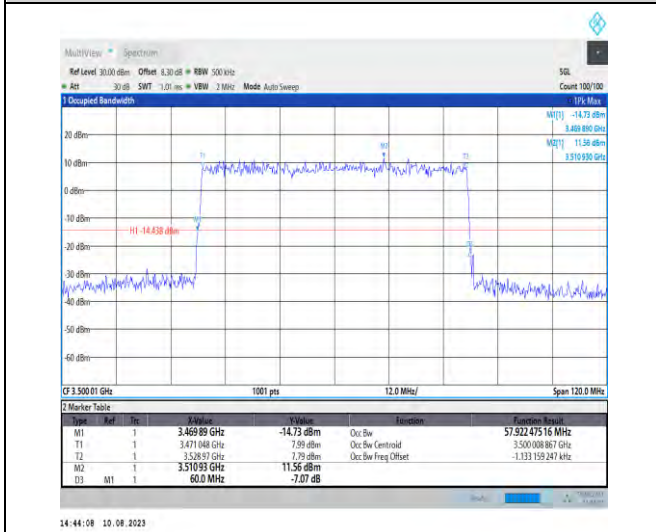
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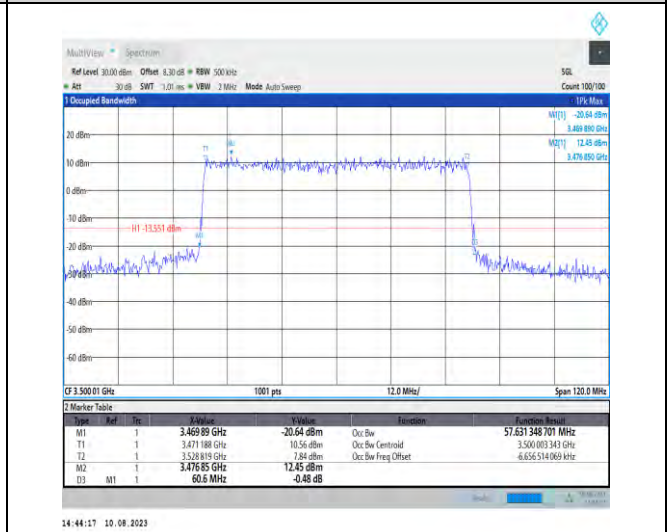
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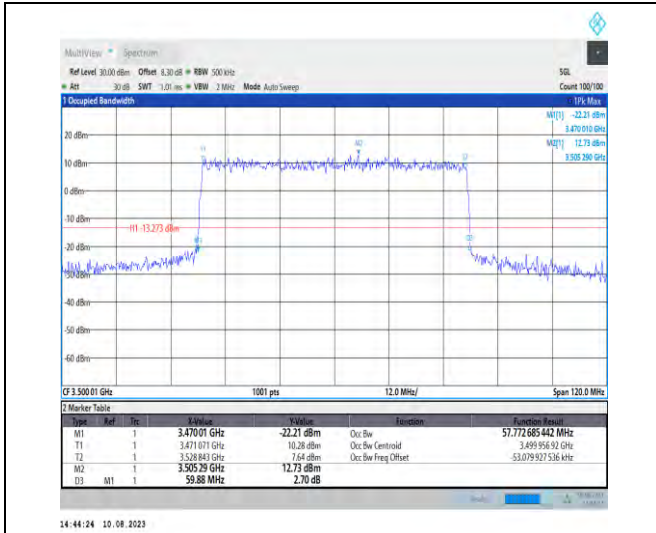


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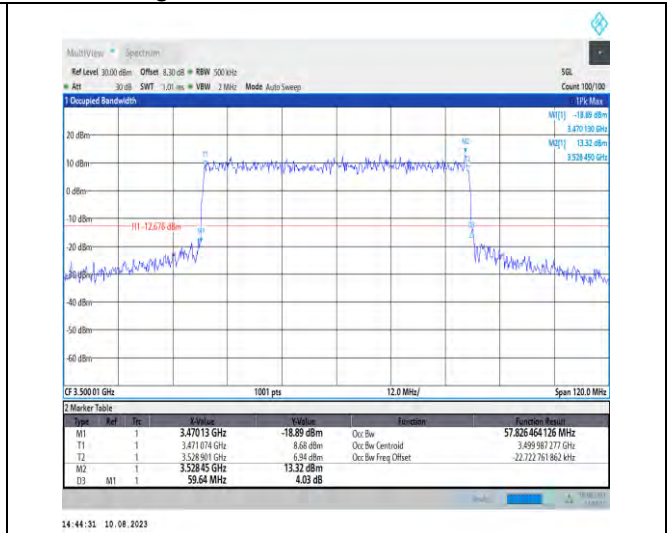
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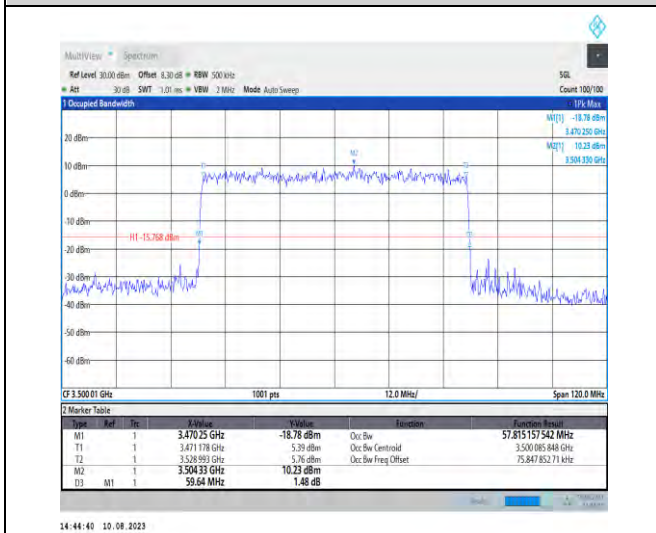
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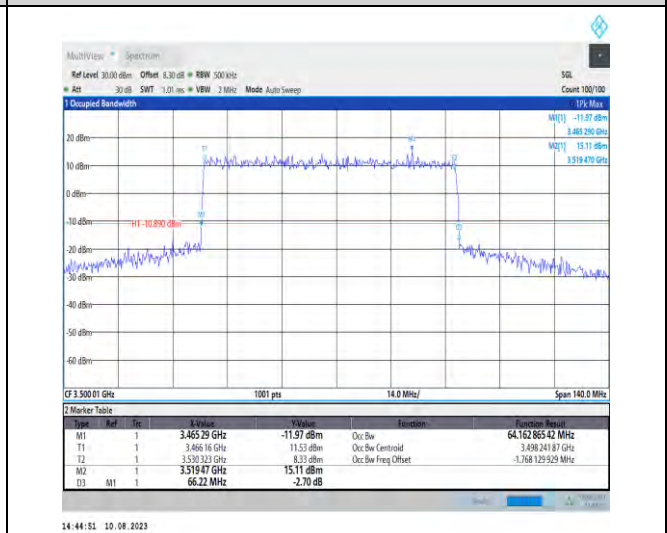
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1-N78-3450-3550-PC2-30-70-M-1-DFT-QPSK-Outer_Full-180@0-Ant1-64.163-66.220-≤70-PASS



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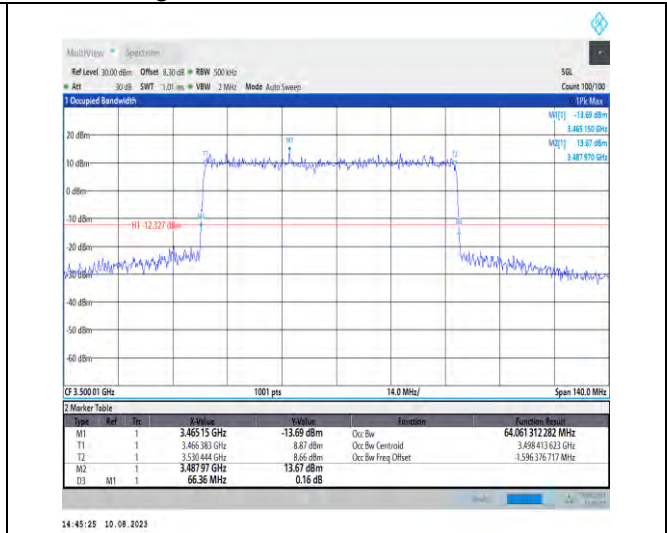
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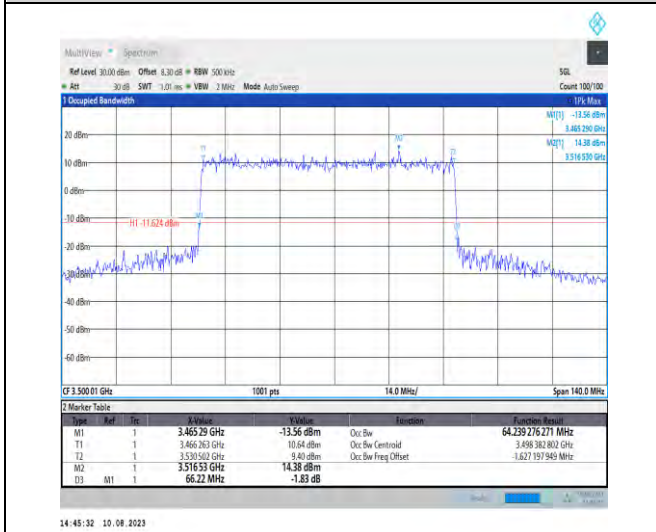
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1-N78-3450-3550-PC2-30-70-M-2-DFT-PI2BPSK-Outer_Full-180@0-Ant1-64.293-66.500-≤70-PASS



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1-N78-3450-3550-PC2-30-70-M-4-DFT-64QAM-Outer_Full-180@0-Ant1-64.239-66.220-≤70-PASS



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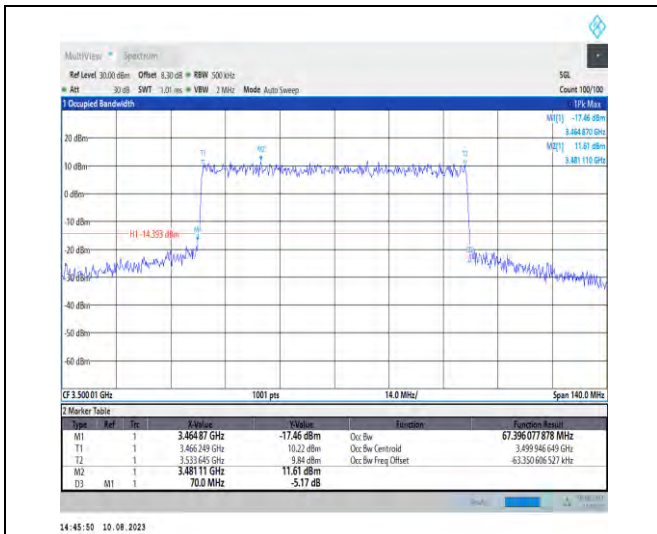


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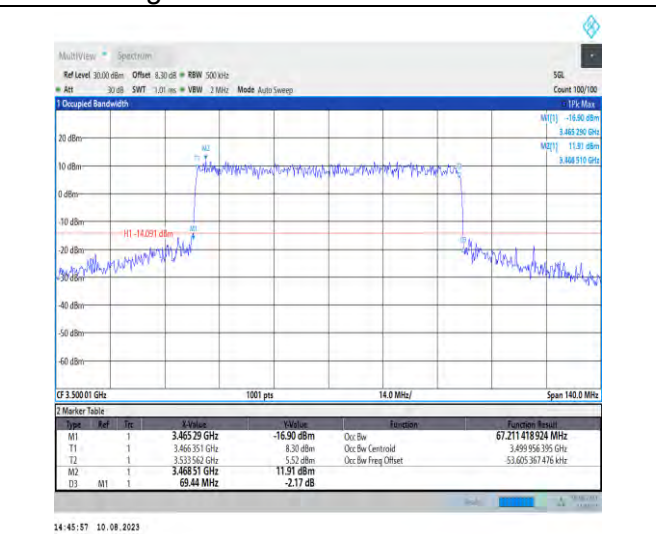
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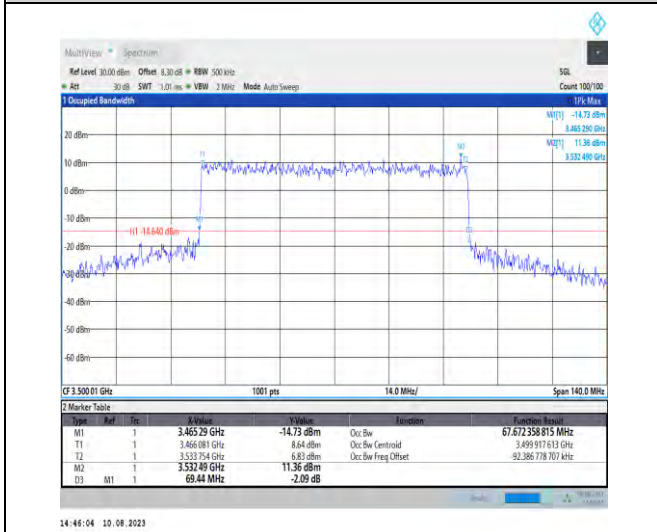
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1-N78-3450-3550-PC2-30-70-M-6-CP-QPSK-Outer_Full-189@0-Ant1-67.396-70.000-≤70-PASS



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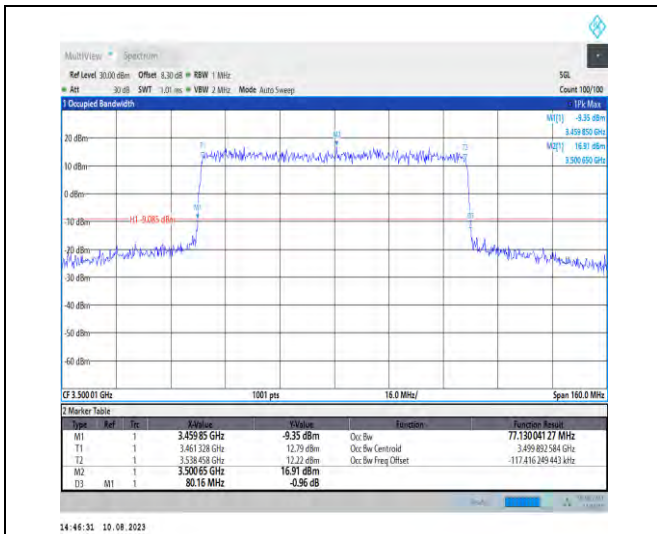
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1-N78-3450-3550-PC2-30-80-M-2-DFT-PI2BPSK-Outer_Full-216@0-Ant1-77.183-80.480-≤80-PASS



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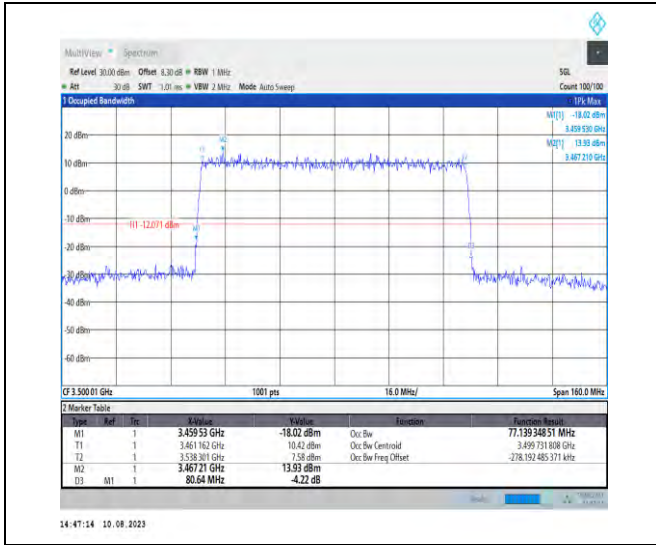
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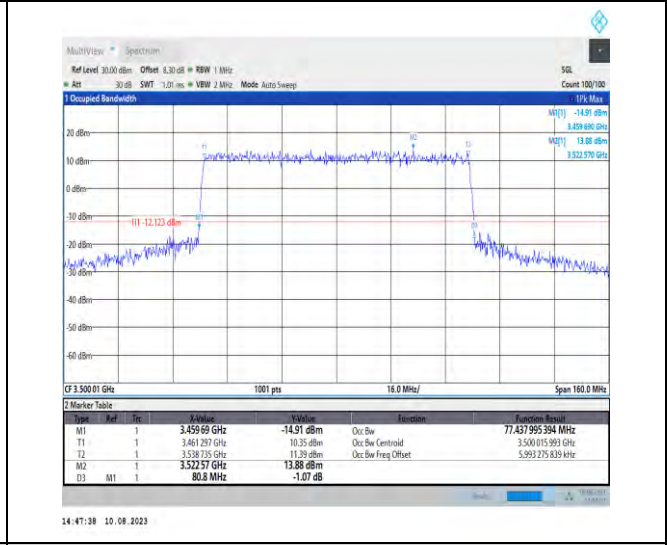
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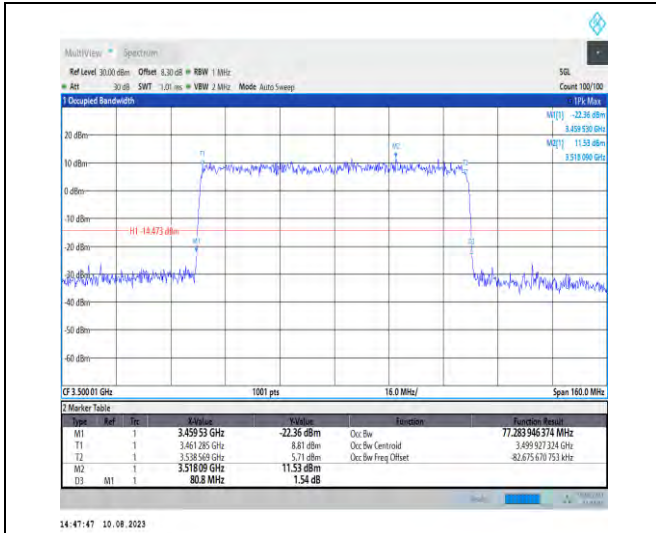


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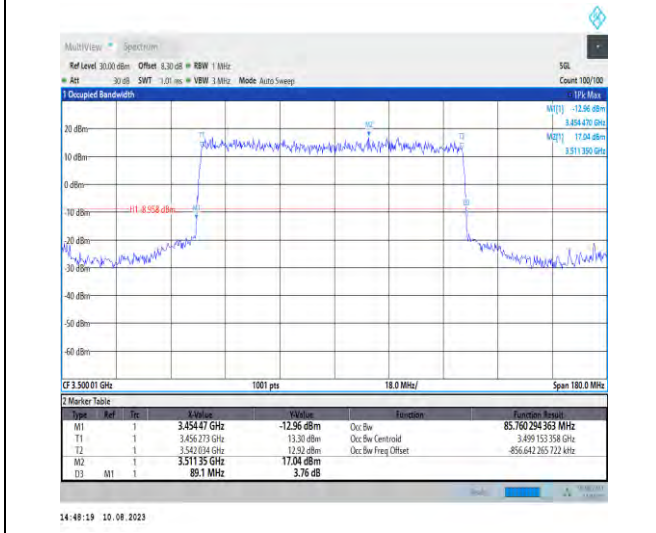
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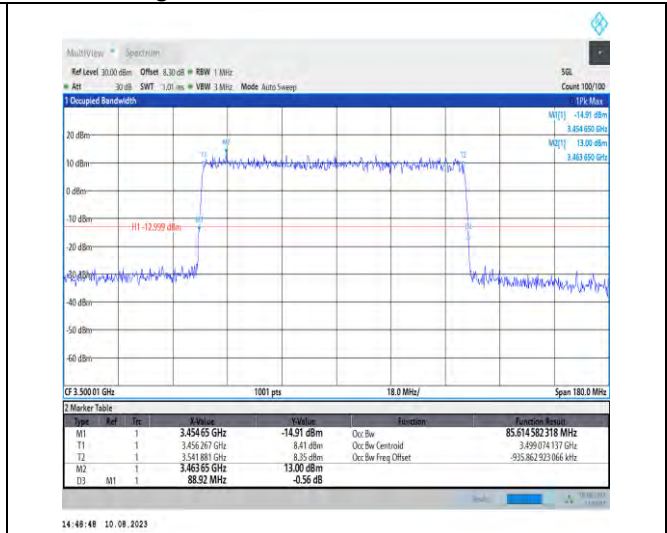
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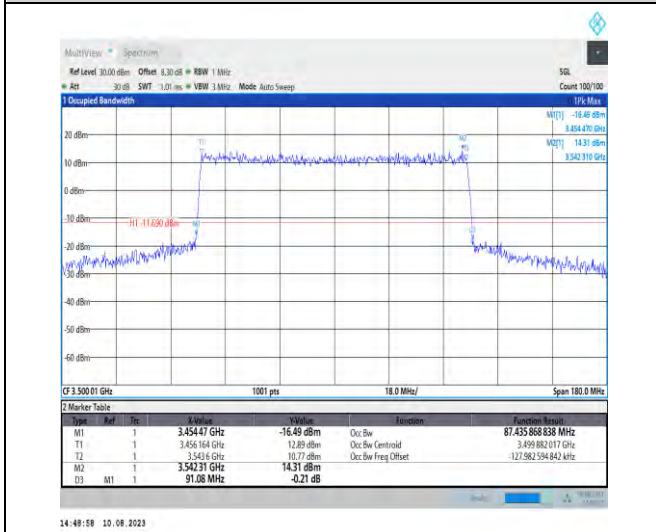
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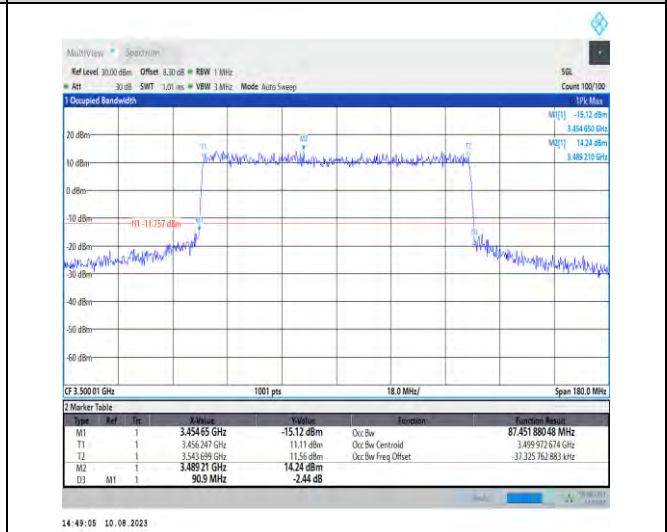
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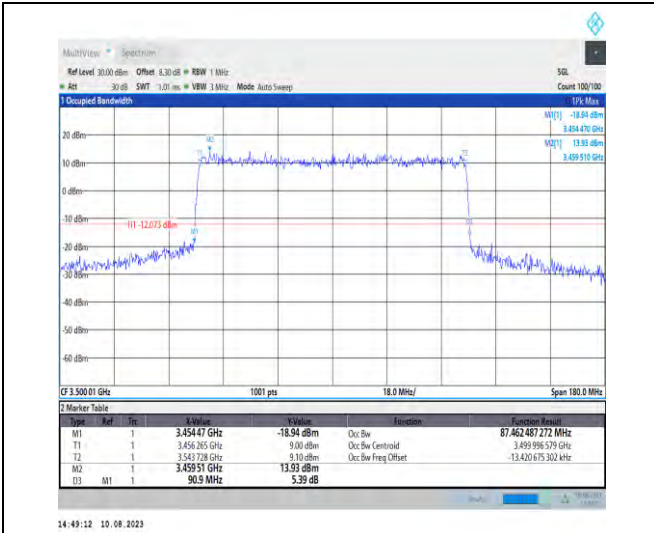


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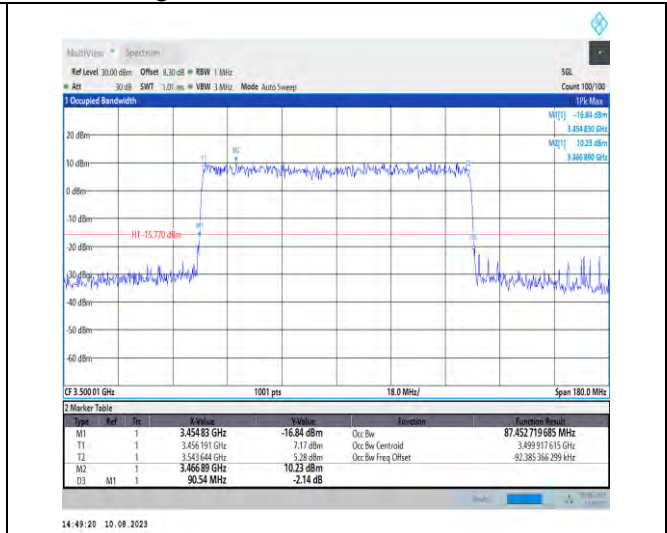
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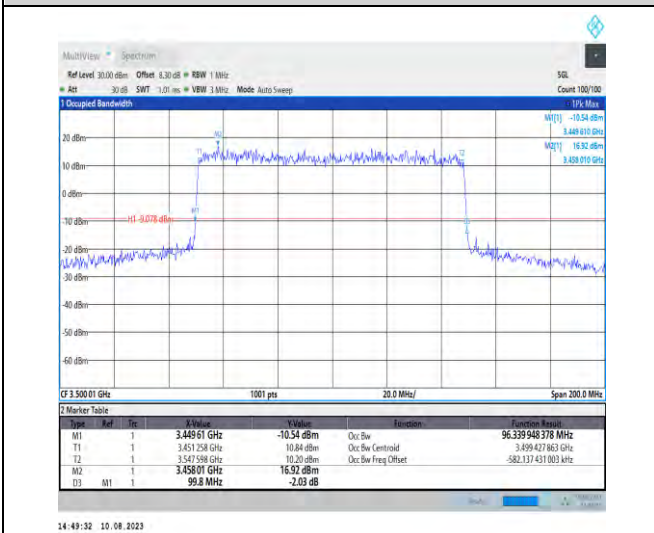
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1-N78-3450-3550-PC2-30-90-M-9-CP-256QAM-Outer_Full-245@0-Ant1-87.453-90.540-<=90-PASS



1-N78-3450-3550-PC2-30-100-M-1-DFT-QPSK-Outer_Full-270@0-Ant1-96.34-99.800-<=100-PASS



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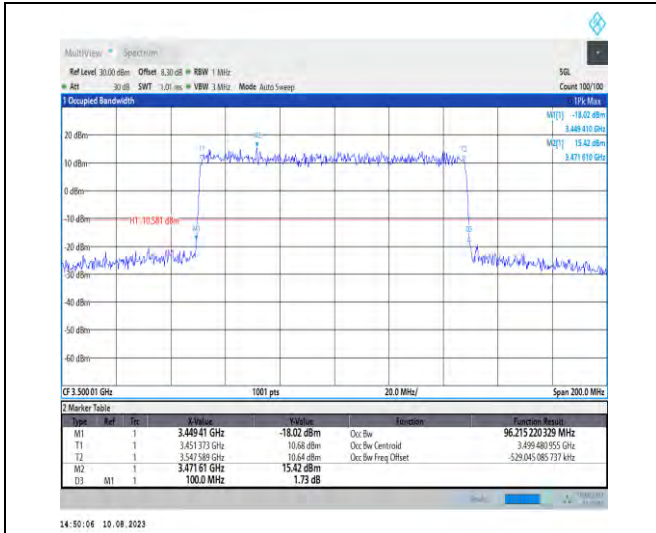


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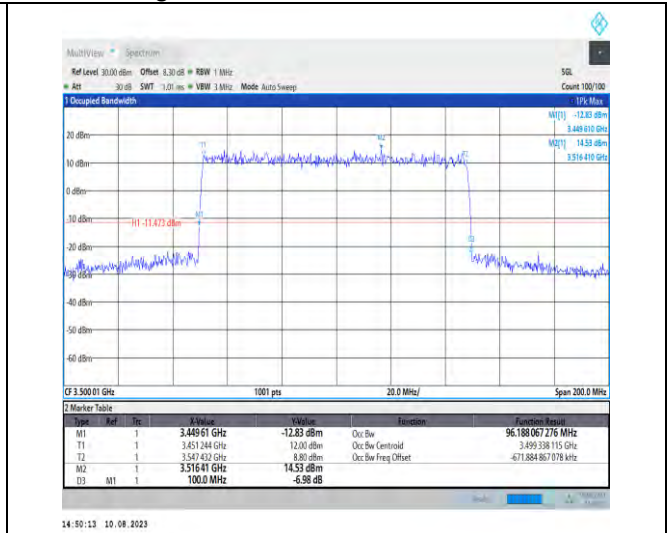
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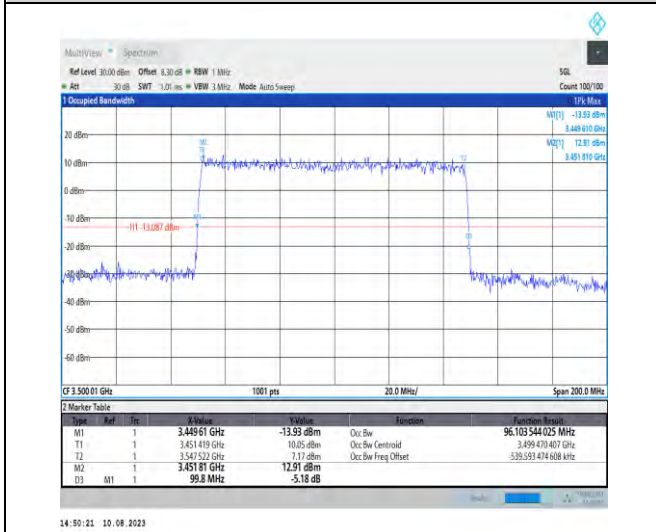
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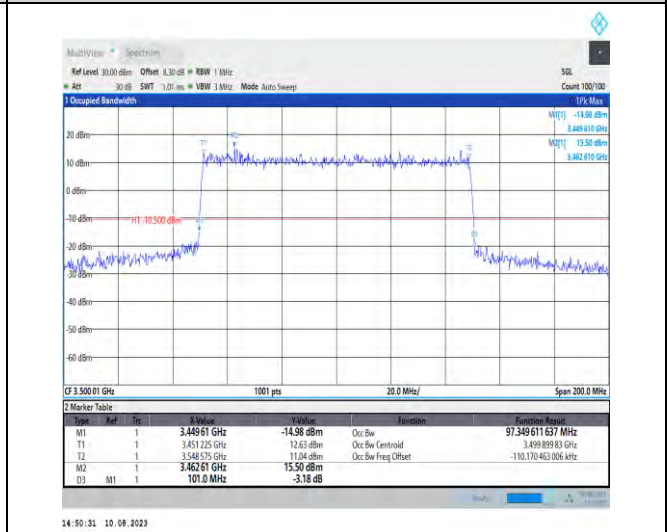
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1-N78-3450-3550-PC2-30-100-M-4-DFT-64QAM-Out_er_Full-270@0-Ant1-96.188-100.000-≤100-PASS



1-N78-3450-3550-PC2-30-100-M-5-DFT-256QAM-Outer_Full-270@0-Ant1-96.104-99.800-≤100-PASS



1-N78-3450-3550-PC2-30-100-M-6-CP-QPSK-Outer_Full-273@0-Ant1-97.35-101.000-≤100-PASS

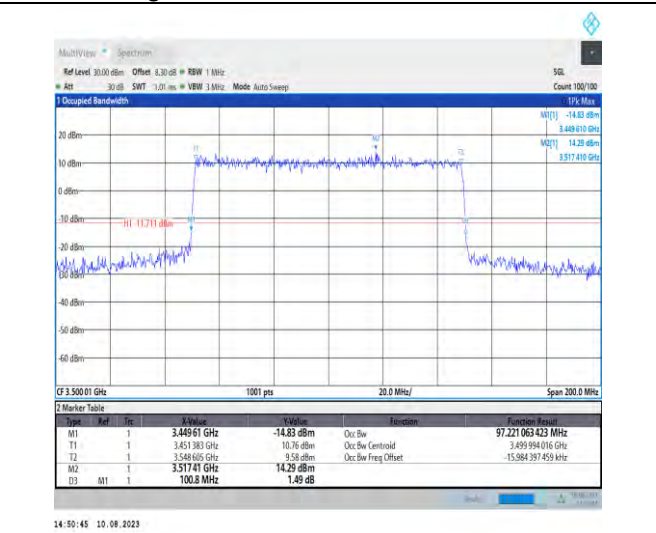


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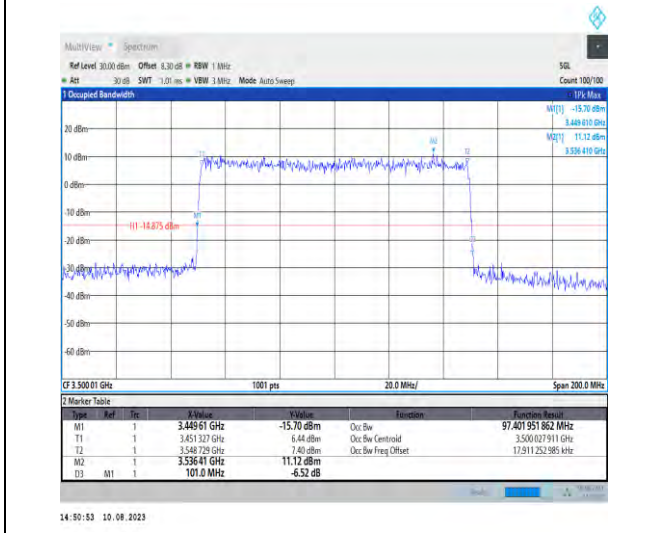
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1-N78-3450-3550-PC2-30-100-M-7-CP-16QAM-Out
er_Full-273@0-Ant1-97.332-100.800-≤100-PASS

1-N78-3450-3550-PC2-30-100-M-8-CP-64QAM-Outer
r_Full-273@0-Ant1-97.221-100.800-≤100-PASS



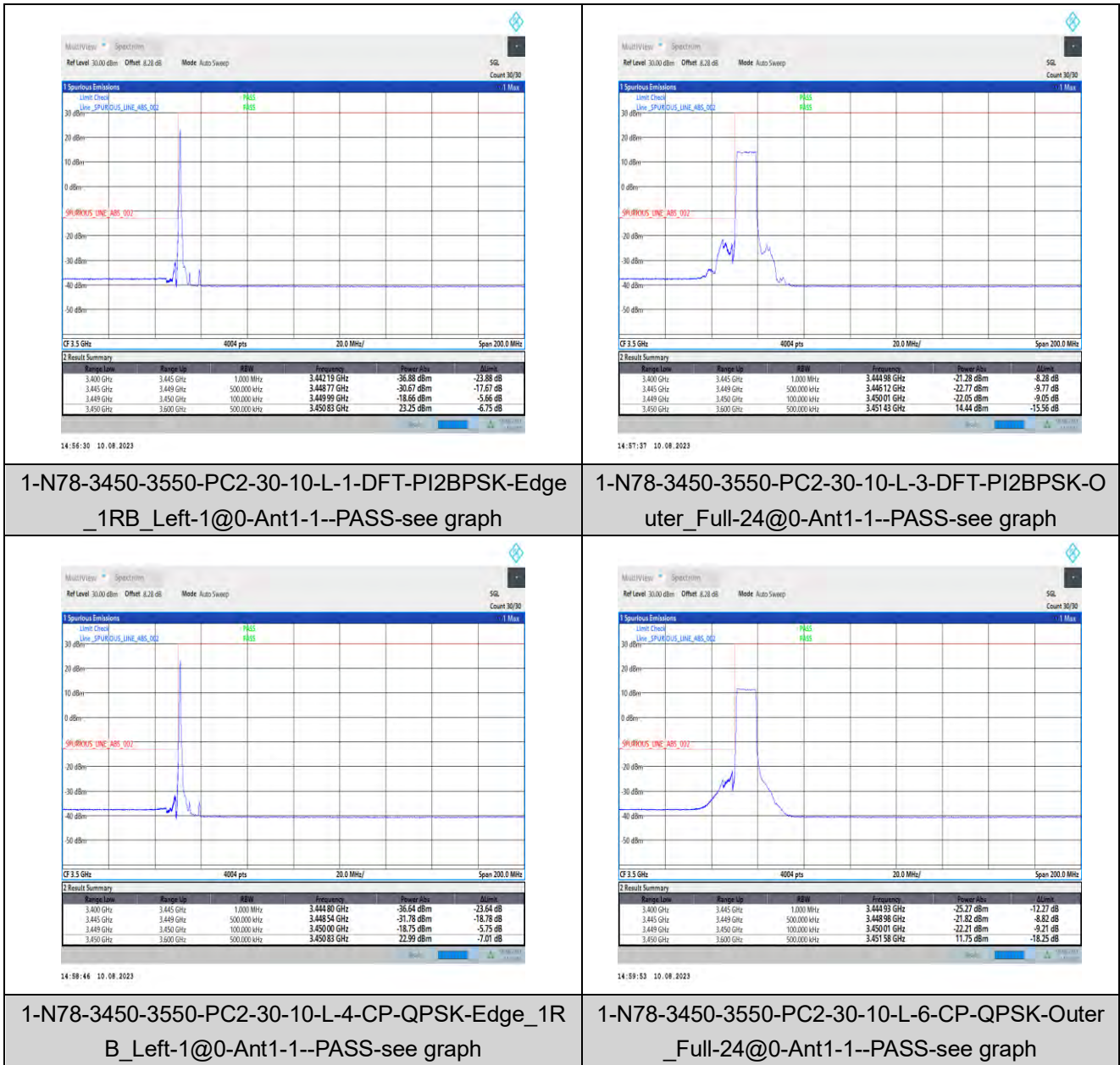
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1-N78-3450-3550-PC2-30-100-M-9-CP-256QAM-Outer
er_Full-273@0-Ant1-97.402-101.000-≤100-PASS



Band Edge for SA

Test Graphs

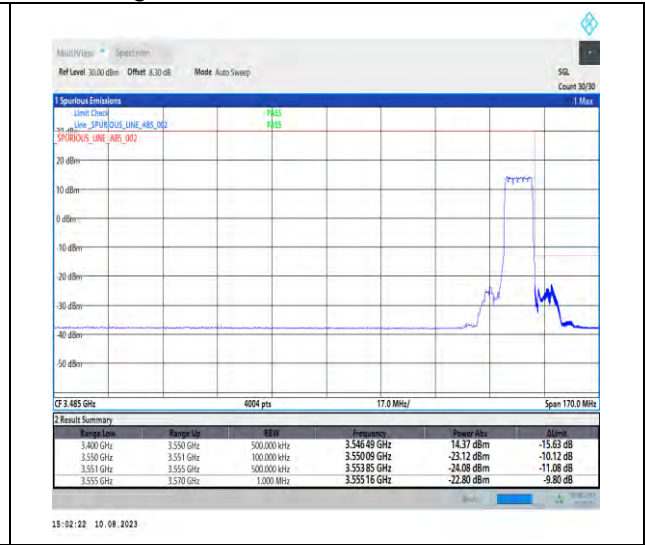
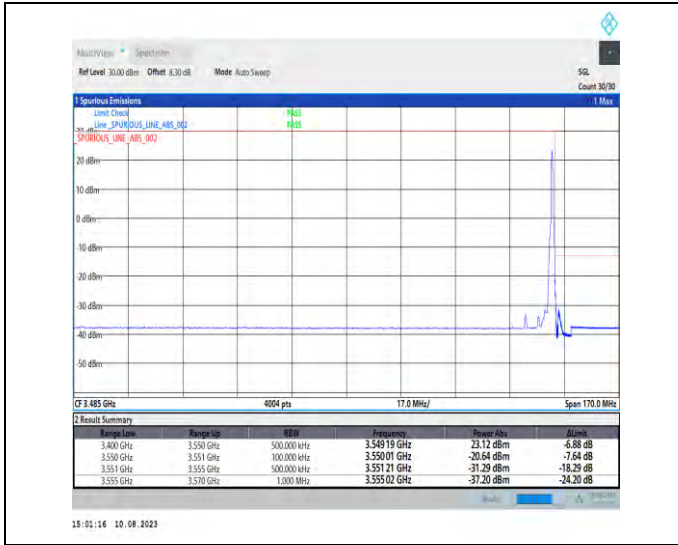


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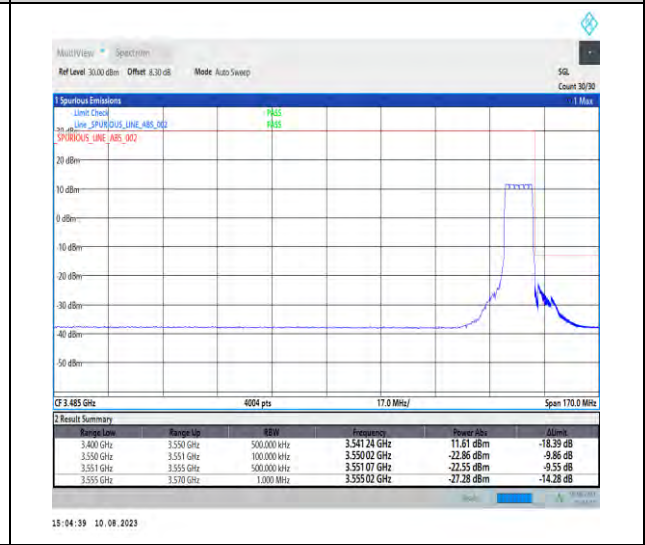
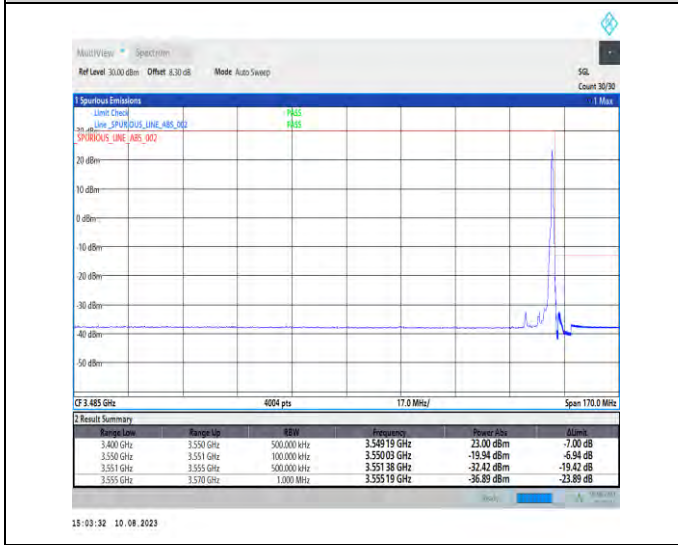
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1-N78-3450-3550-PC2-30-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@23-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-10-H-3-DFT-PI2BPSK-Outer_Full-24@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-10-H-5-CP-QPSK-Edge_1RB_Right-1@23-Ant1-1--PASS-see graph

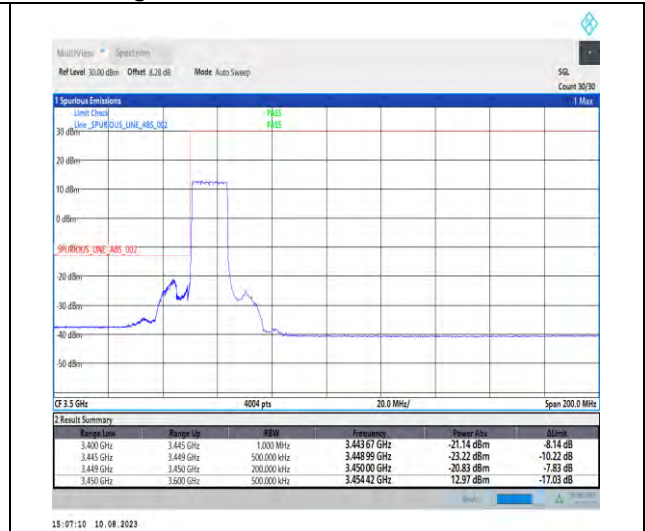
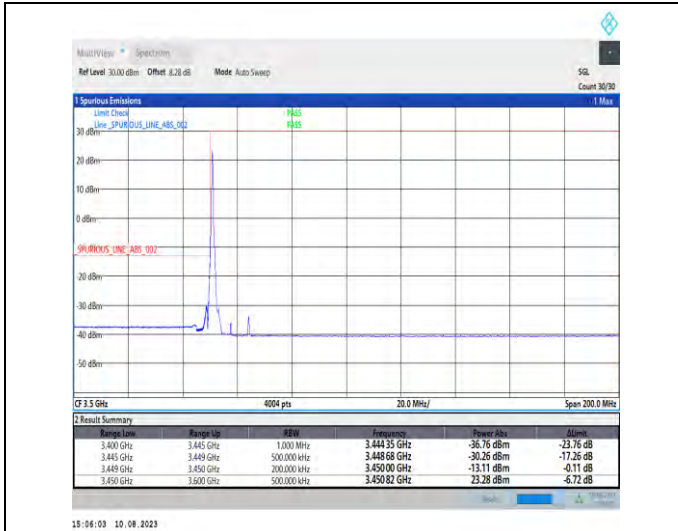
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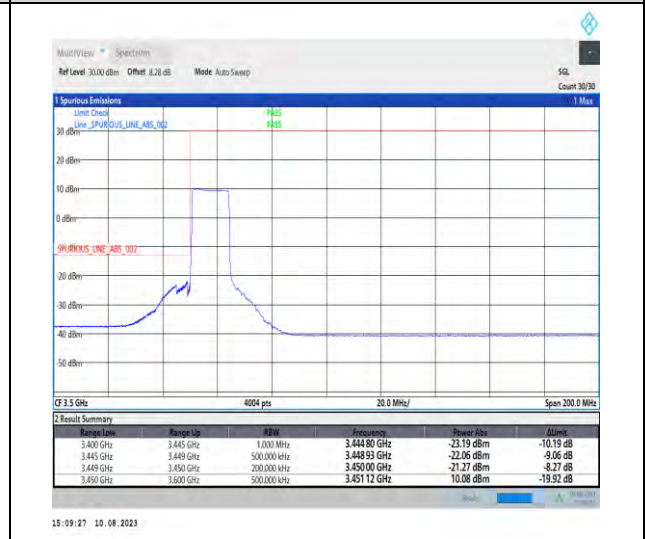
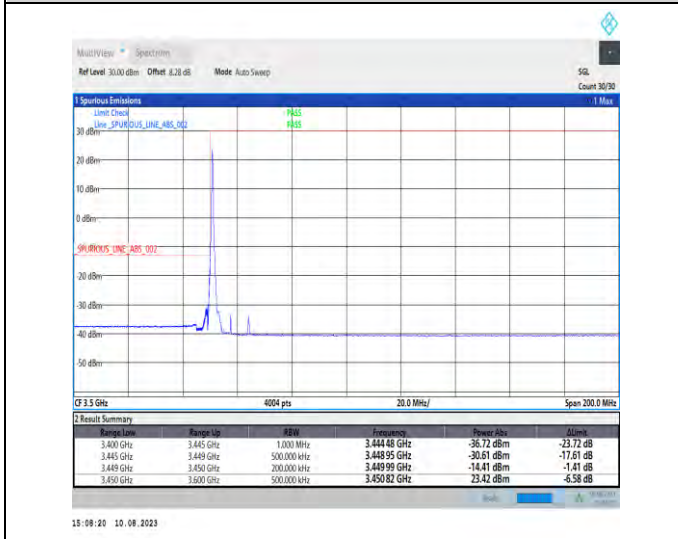
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1-N78-3450-3550-PC2-30-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-15-L-3-DFT-PI2BPSK-Outer_Full-36@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-15-L-6-CP-QPSK-Outer_Full-38@0-Ant1-1--PASS-see graph

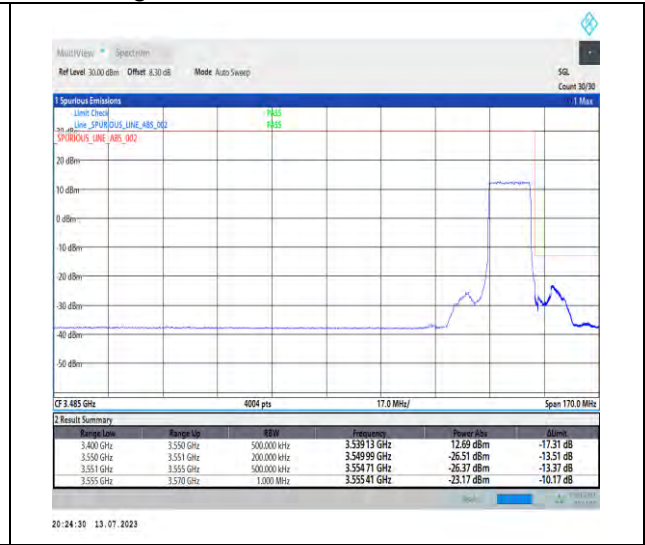
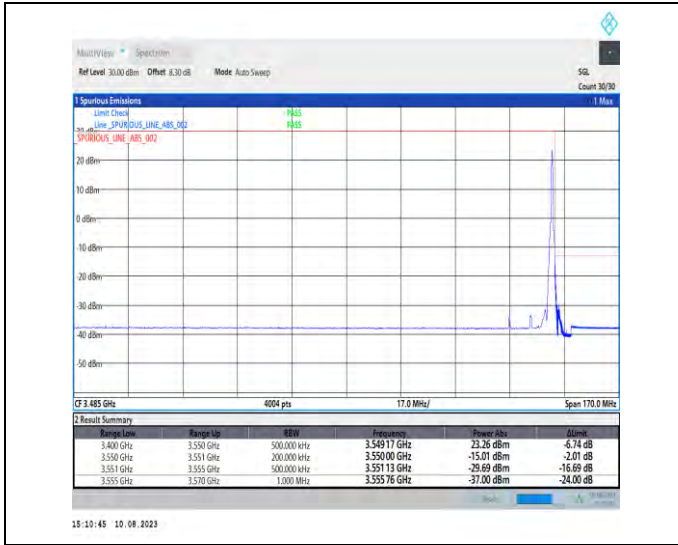


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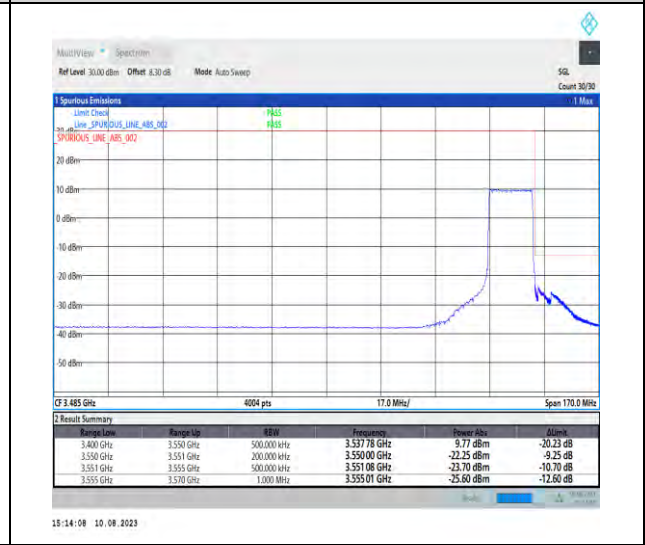
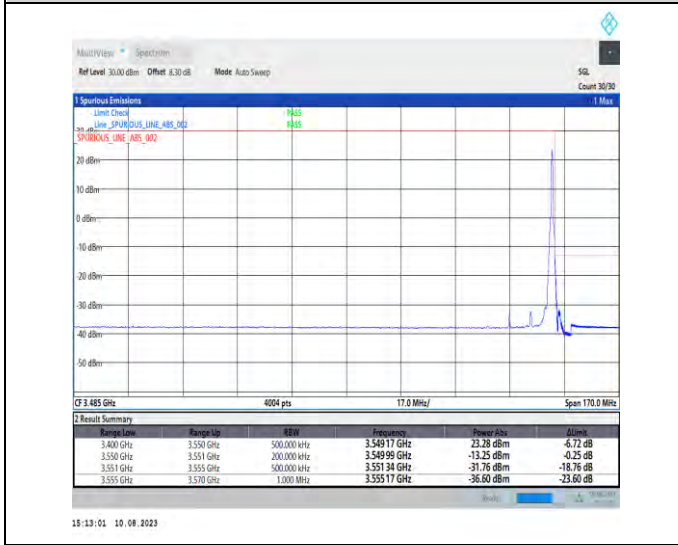
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1-N78-3450-3550-PC2-30-15-H-3-DFT-PI2BPSK-Outer_Full-36@0-Ant1-1--PASS-see graph



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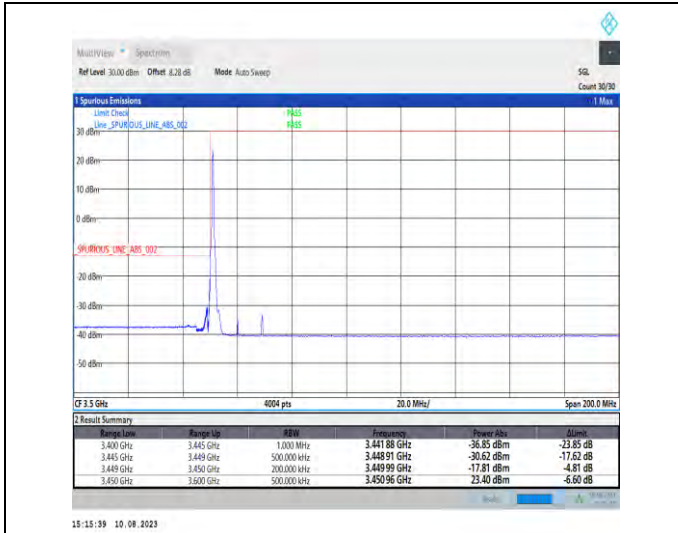
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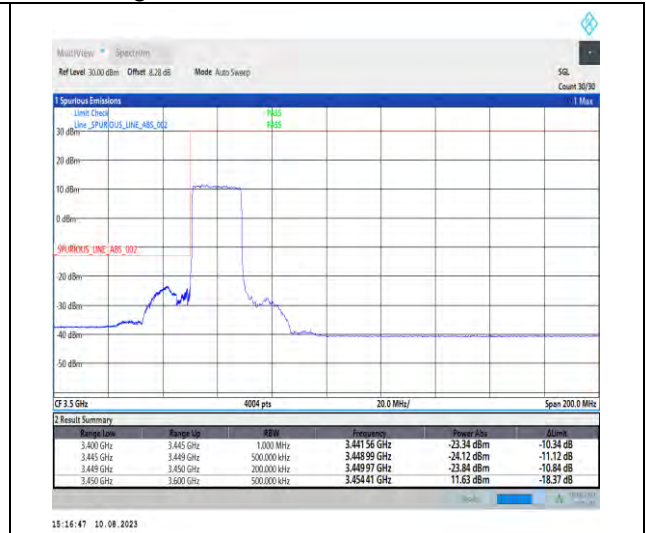
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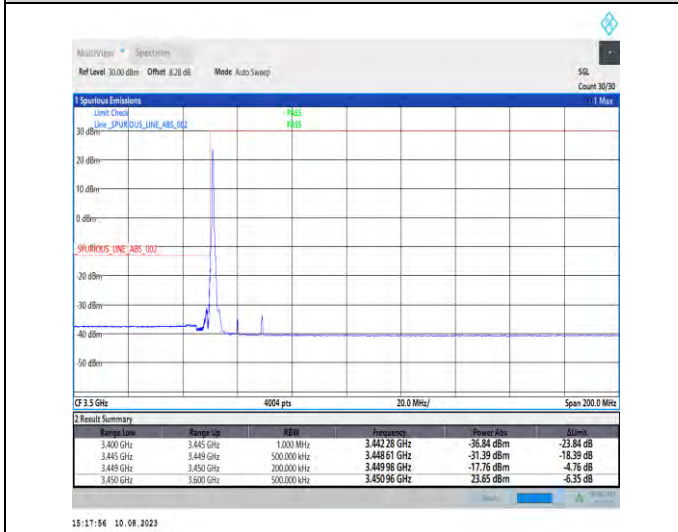
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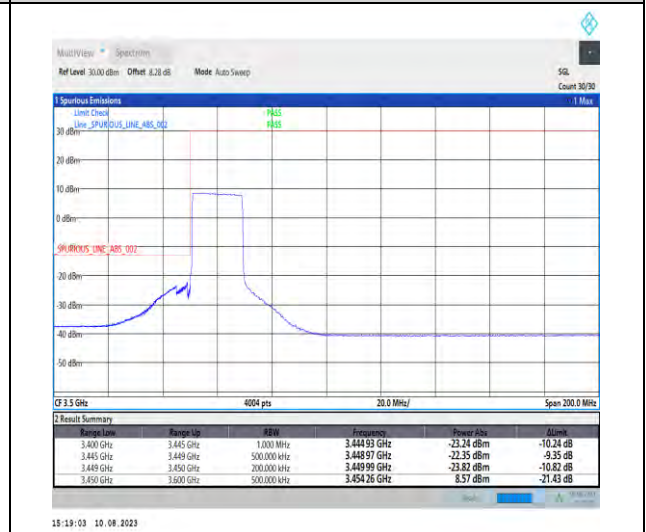
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1-N78-3450-3550-PC2-30-20-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant1-1--PASS-see graph

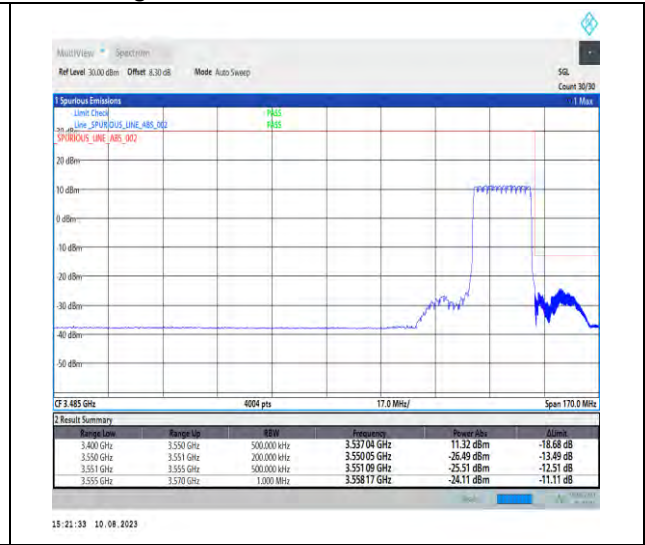
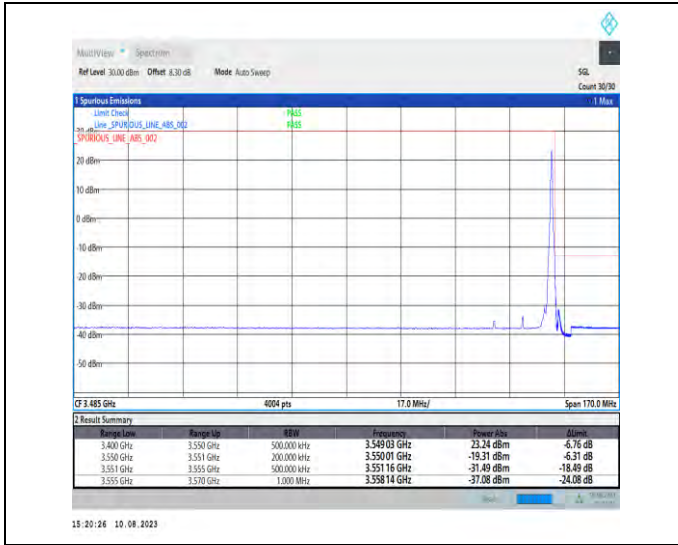


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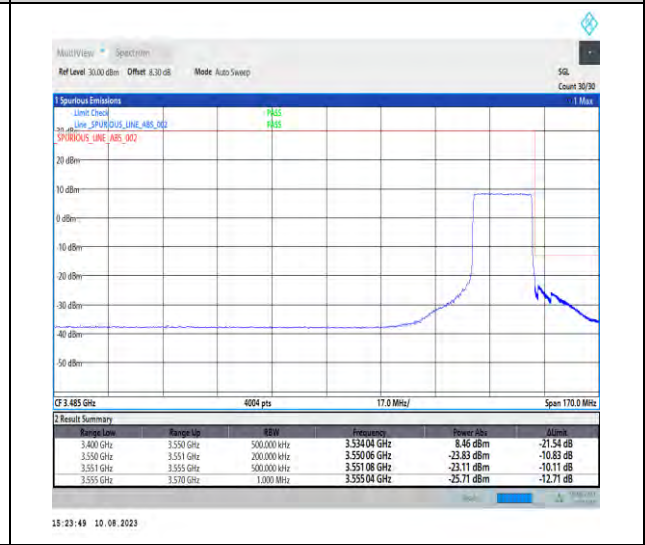
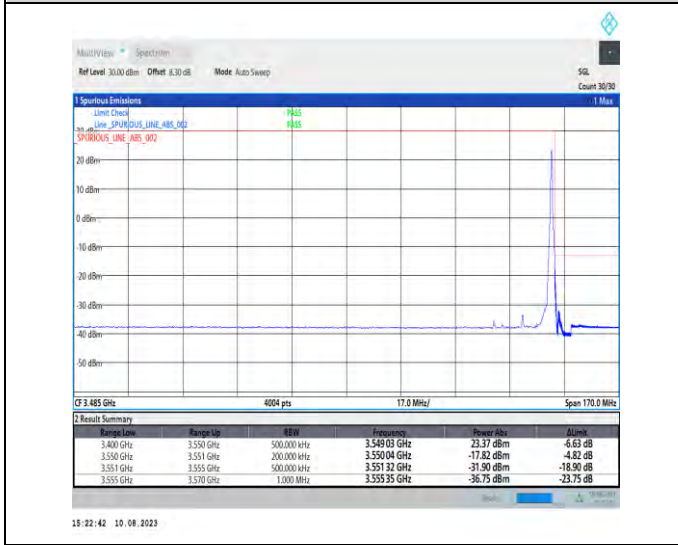
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1-N78-3450-3550-PC2-30-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@50-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-20-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1--PASS-see graph



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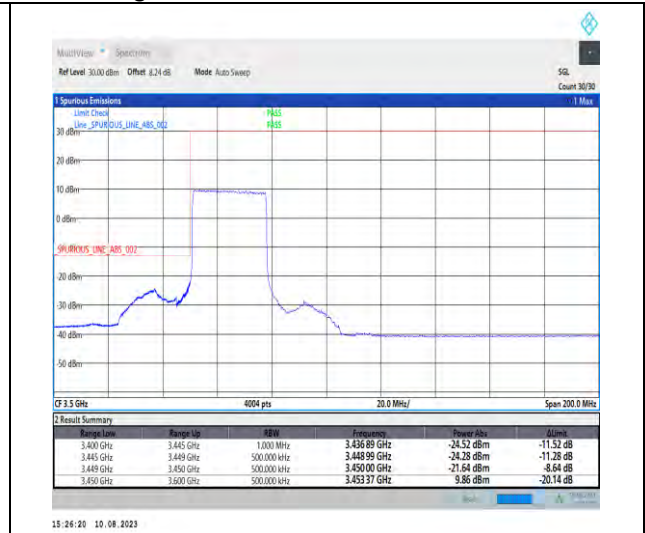
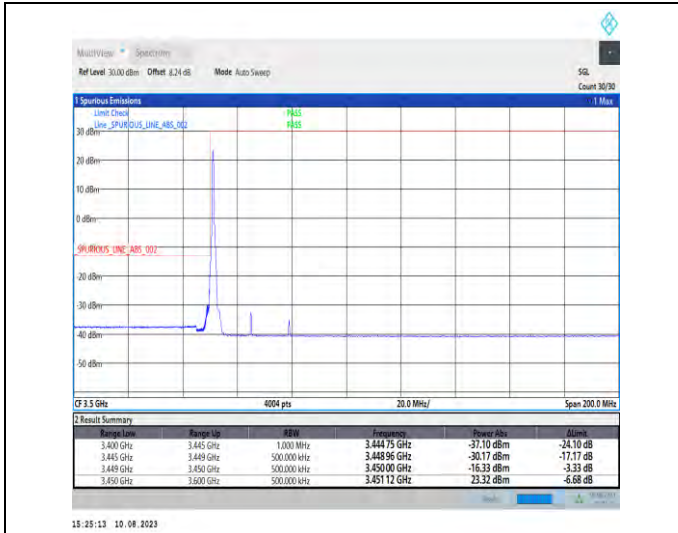
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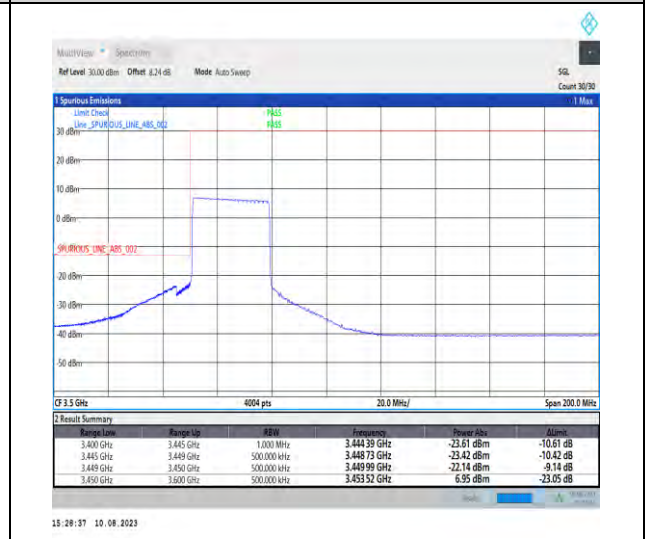
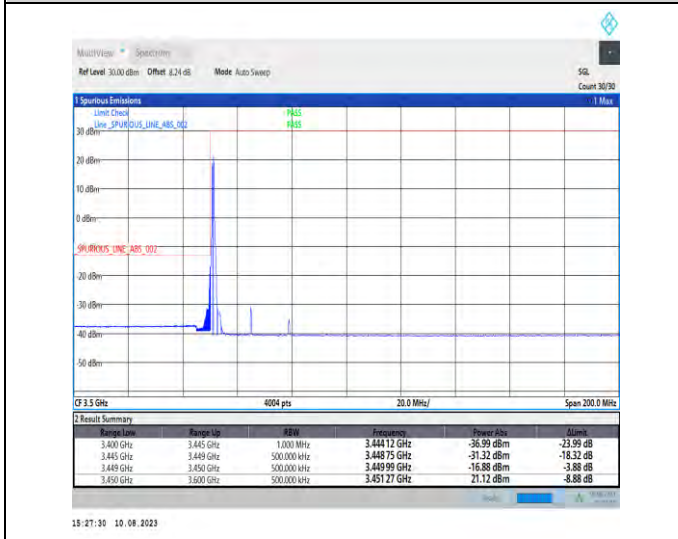
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1-N78-3450-3550-PC2-30-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-30-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-30-L-6-CP-QPSK-Outer_Full-78@0-Ant1-1--PASS-see graph

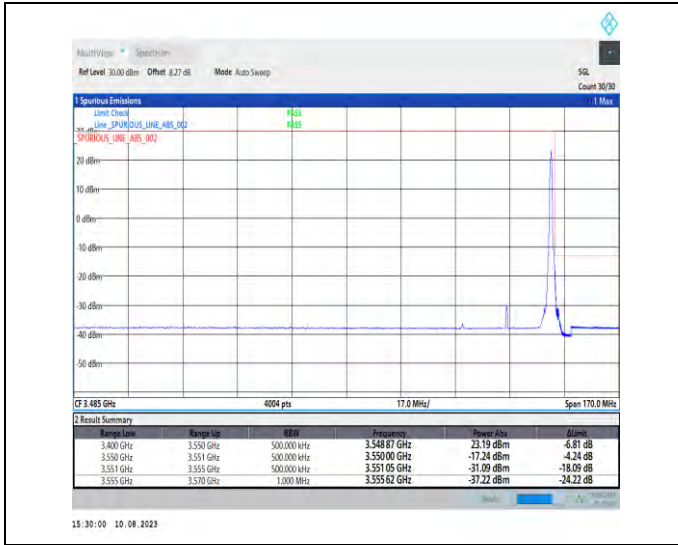


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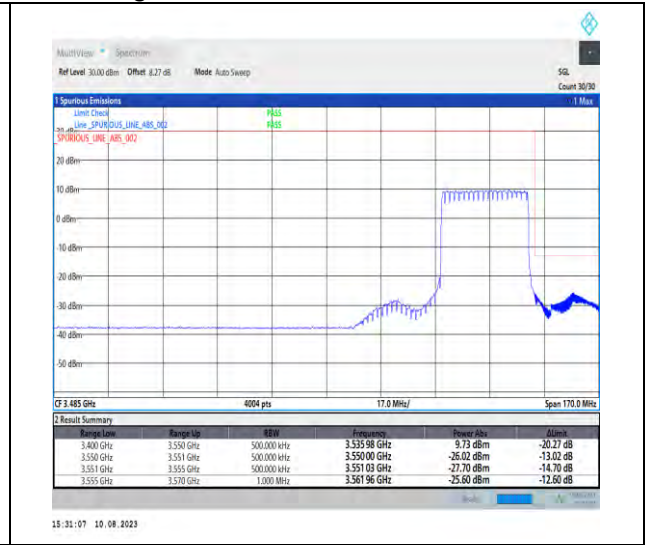
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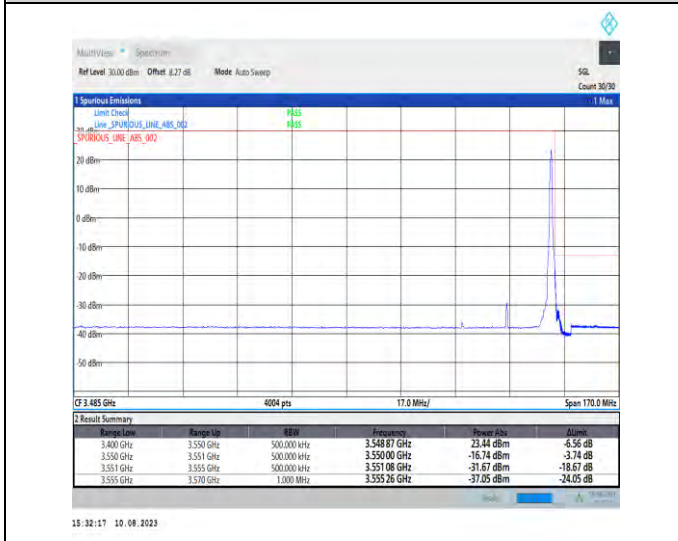
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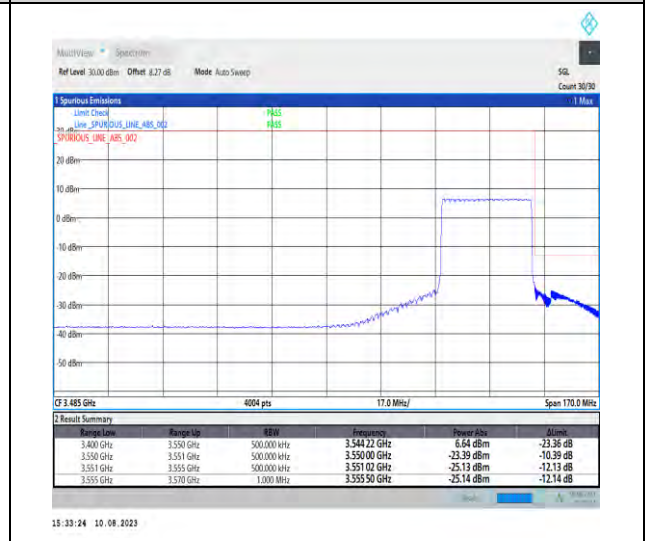
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1-N78-3450-3550-PC2-30-30-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-30-H-5-CP-QPSK-Edge_1RB_Right-1@77-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-30-H-6-CP-QPSK-Outer_Full-78@0-Ant1-1--PASS-see graph

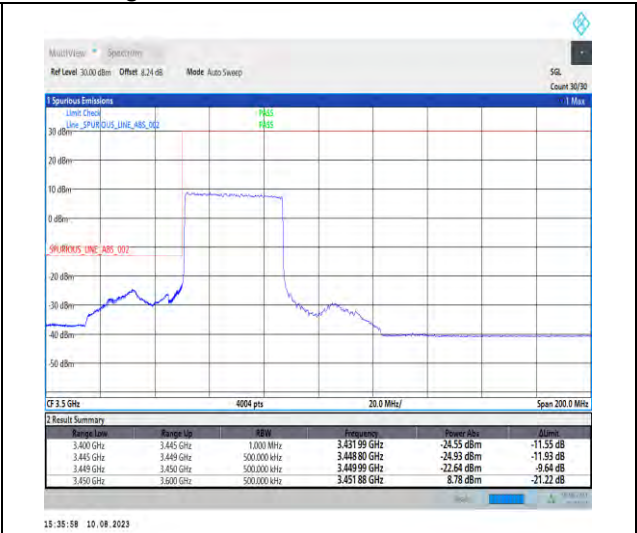
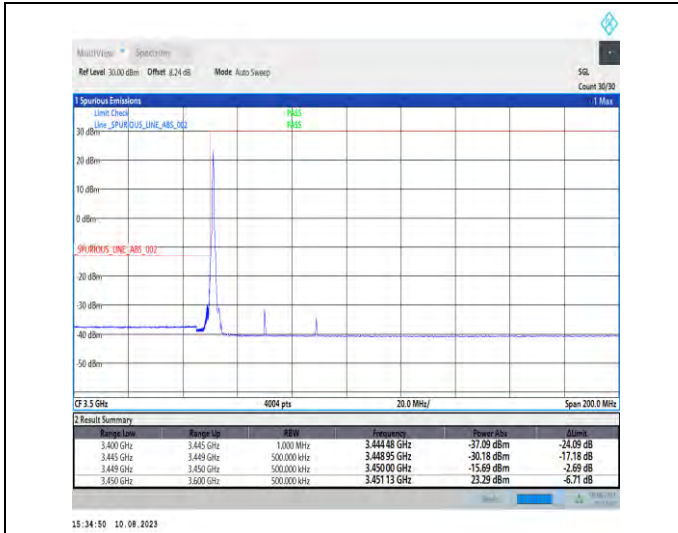


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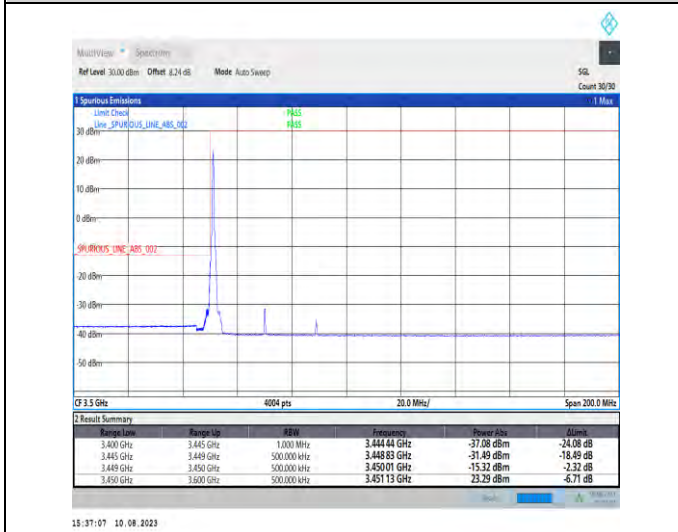
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1-N78-3450-3550-PC2-30-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-40-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph

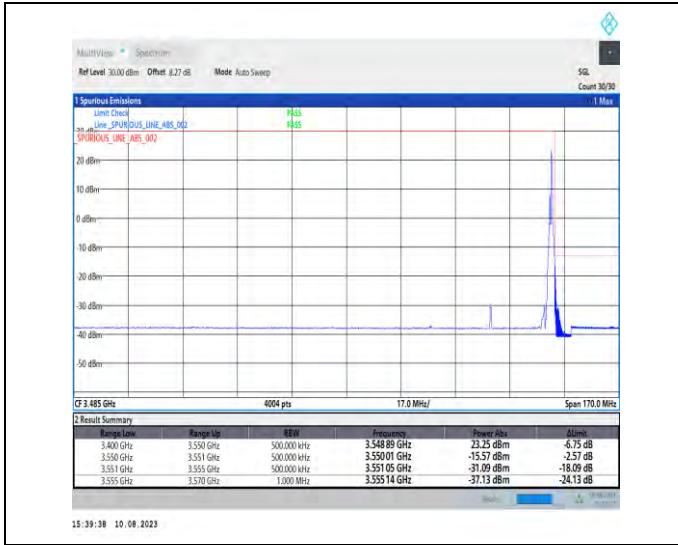


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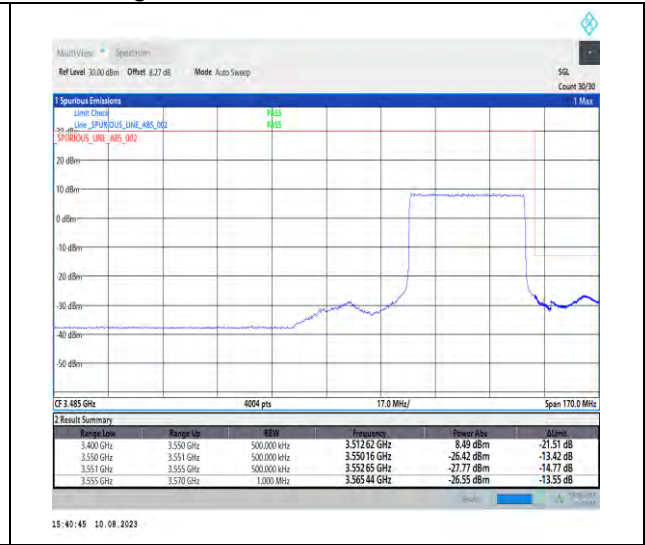
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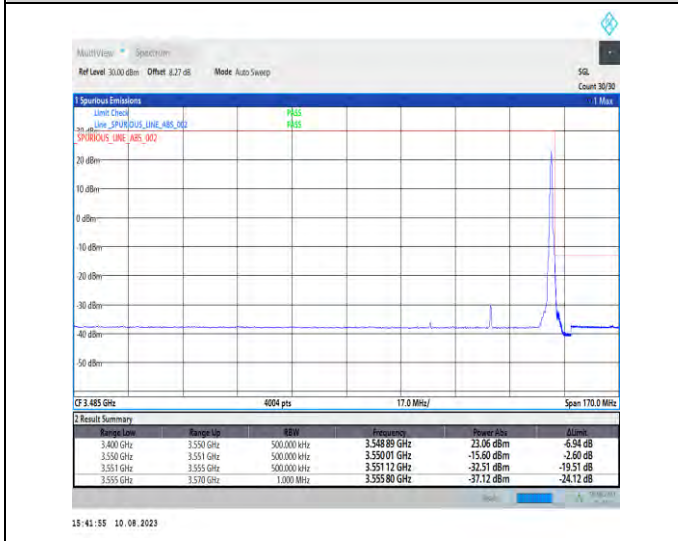
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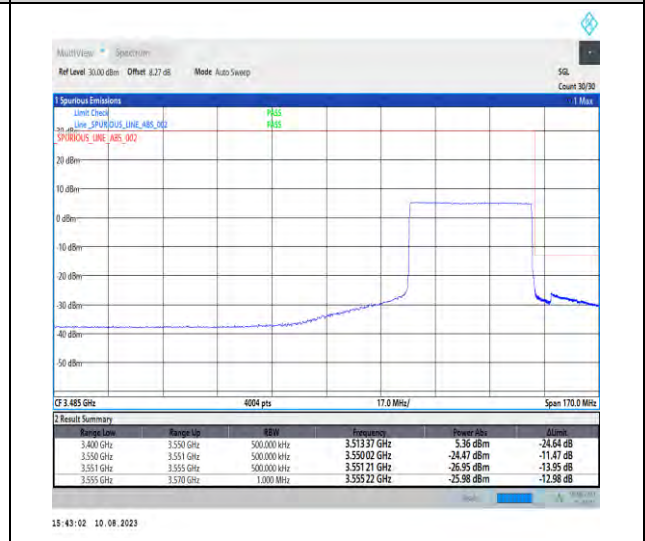
1-N78-3450-3550-PC2-30-40-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-40-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-40-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1--PASS-see graph

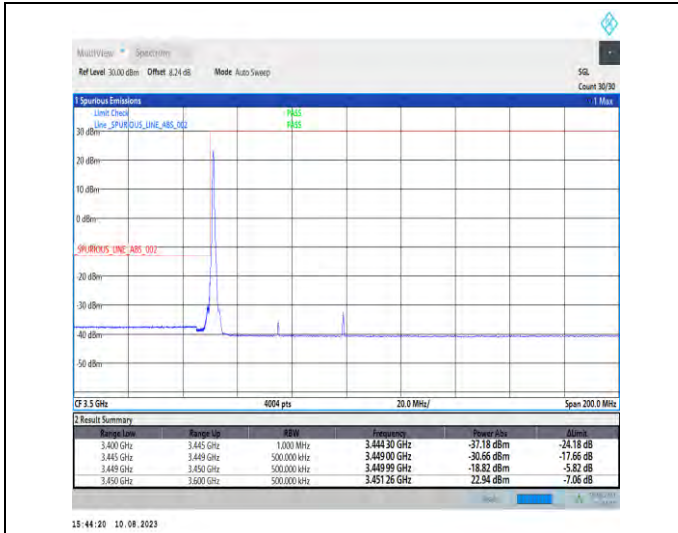


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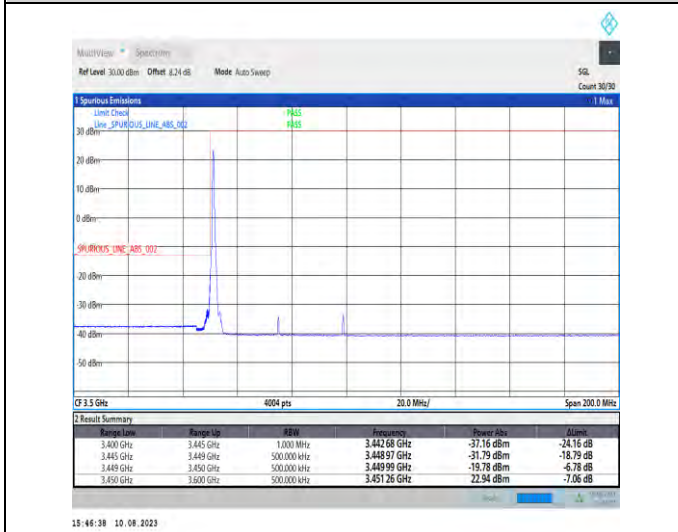
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1-N78-3450-3550-PC2-30-50-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-50-L-3-DFT-PI2BPSK-Outer_Full-128@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-50-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-50-L-6-CP-QPSK-Outer_Full-133@0-Ant1-1--PASS-see graph

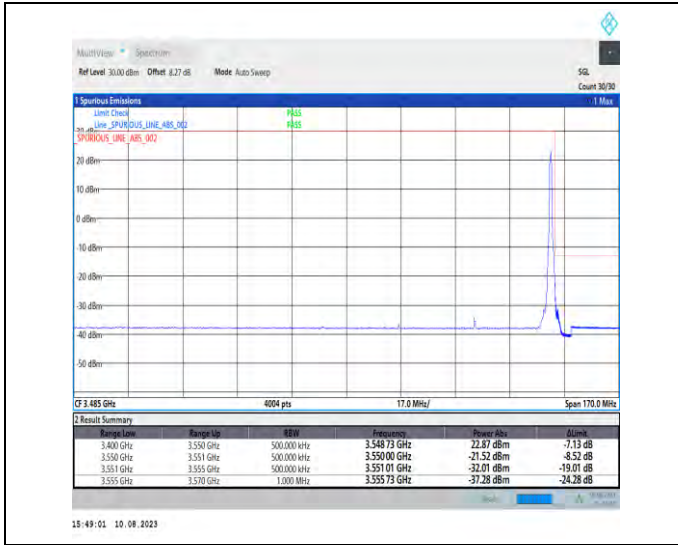


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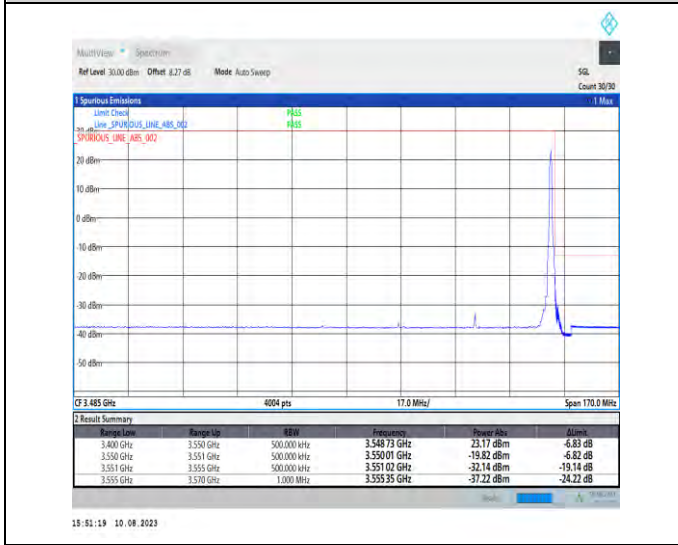
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1-N78-3450-3550-PC2-30-50-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@132-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-50-H-3-DFT-PI2BPSK-Outer_Full-128@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-50-H-5-CP-QPSK-Edge_1RB_Right-1@132-Ant1-1--PASS-see graph

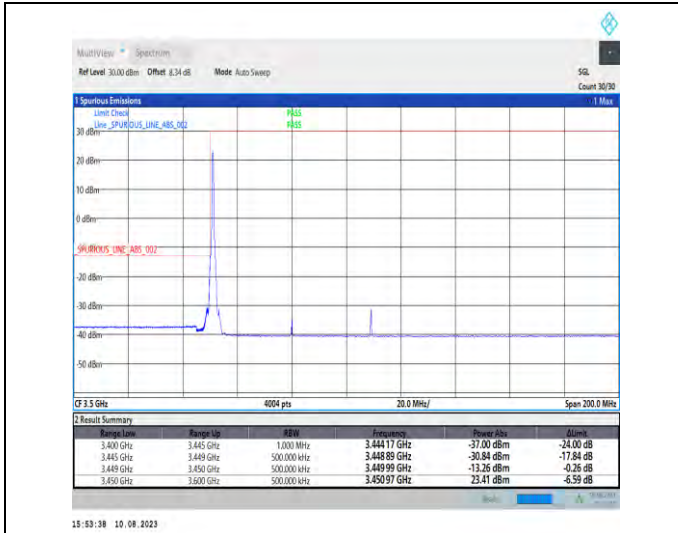
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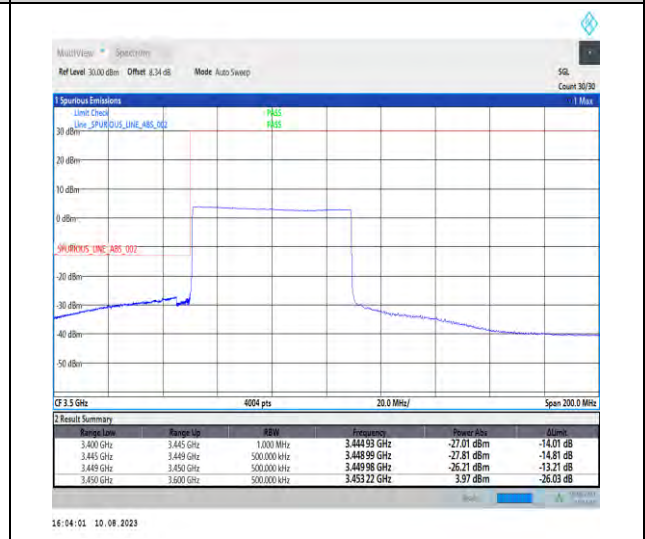
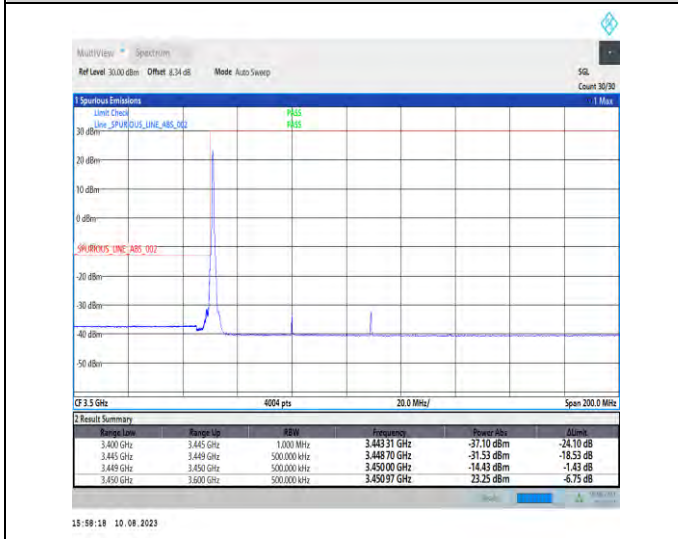
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1-N78-3450-3550-PC2-30-60-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-60-L-3-DFT-PI2BPSK-Outer_Full-162@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-60-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-60-L-6-CP-QPSK-Outer_Full-162@0-Ant1-1--PASS-see graph

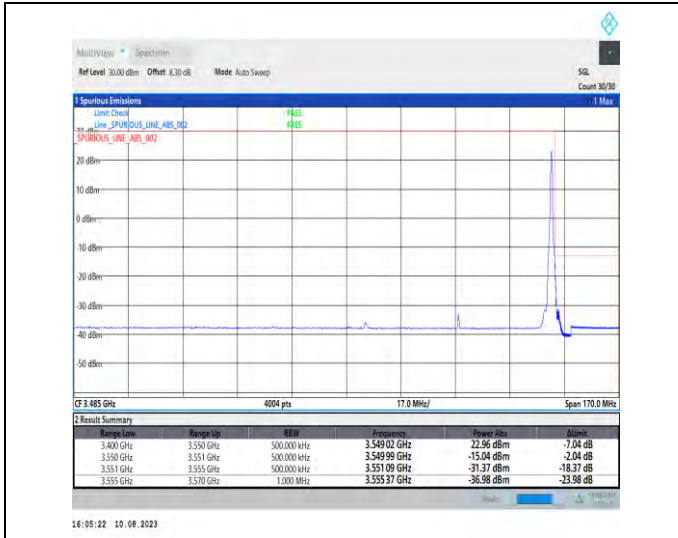


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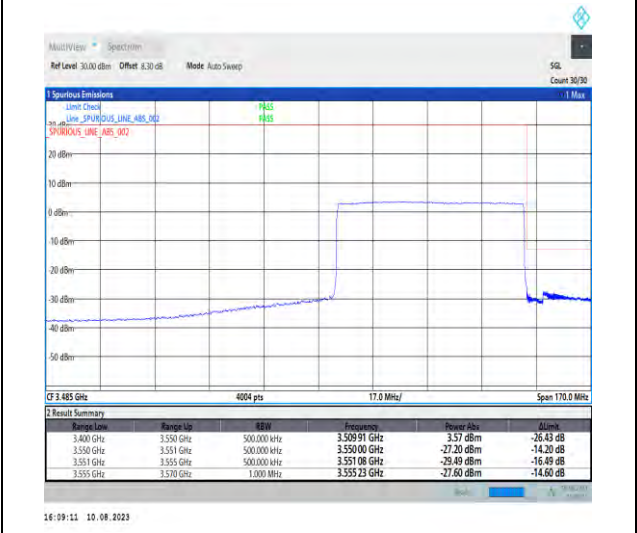
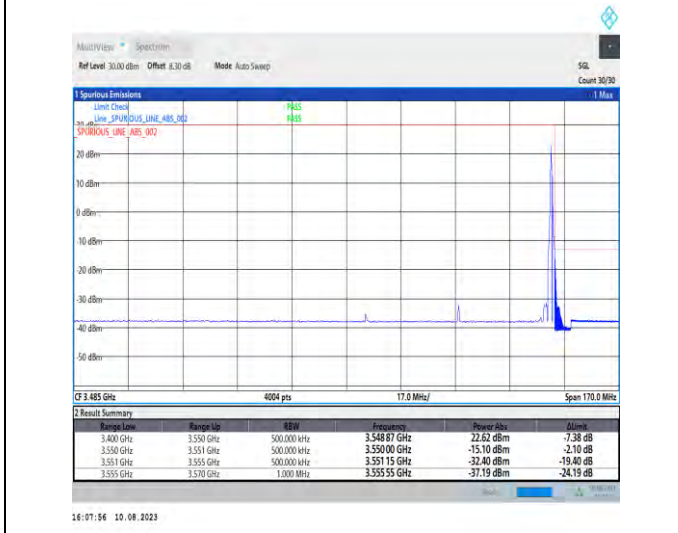
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1-N78-3450-3550-PC2-30-60-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@161-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-60-H-3-DFT-PI2BPSK-Outer_Full-162@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-60-H-5-CP-QPSK-Edge_1RB_Right-1@161-Ant1-1--PASS-see graph

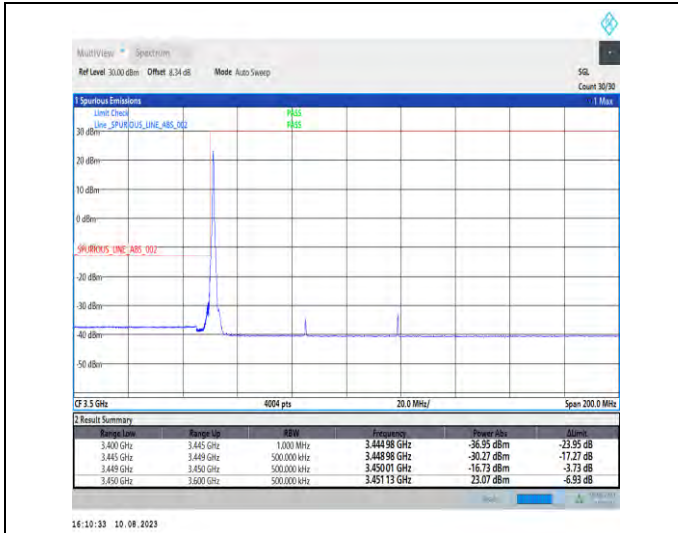
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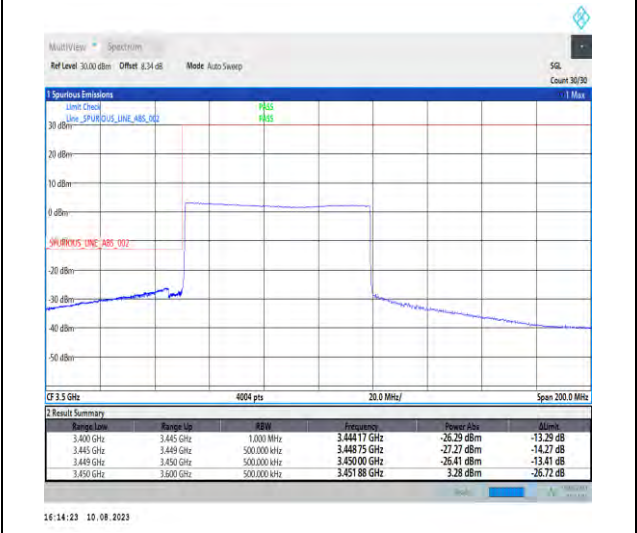
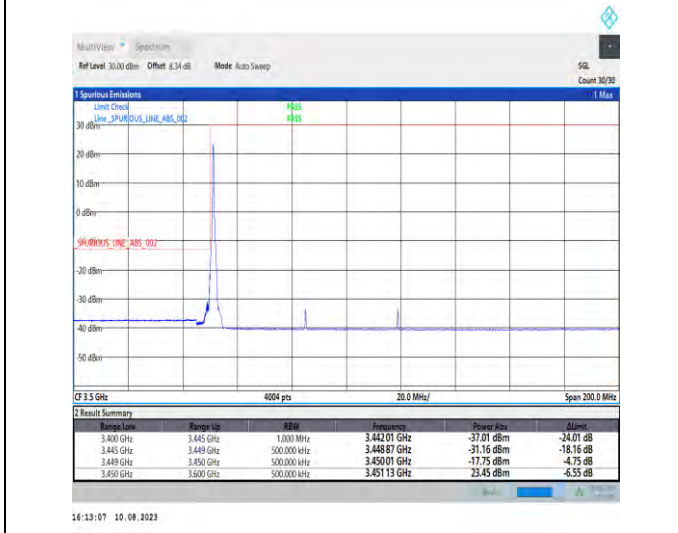
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1-N78-3450-3550-PC2-30-70-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-70-L-3-DFT-PI2BPSK-Outer_Full-180@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-70-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-70-L-6-CP-QPSK-Outer_Full-189@0-Ant1-1--PASS-see graph

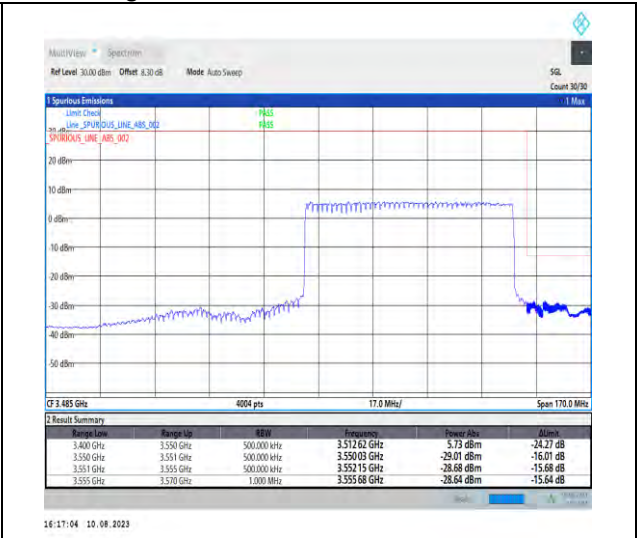
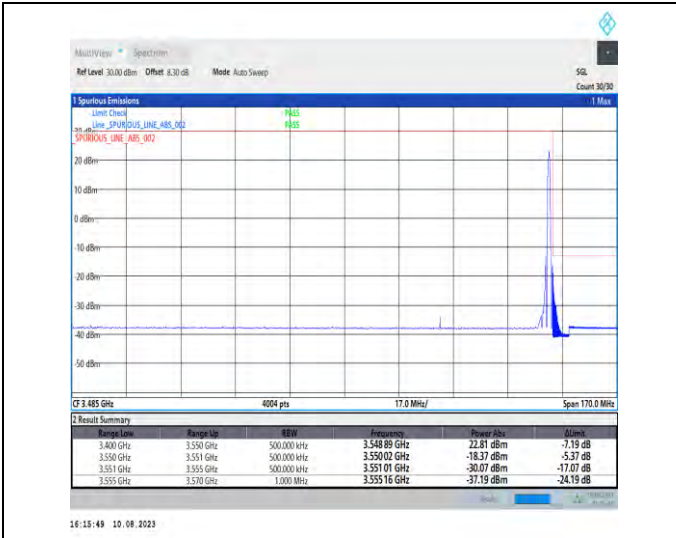


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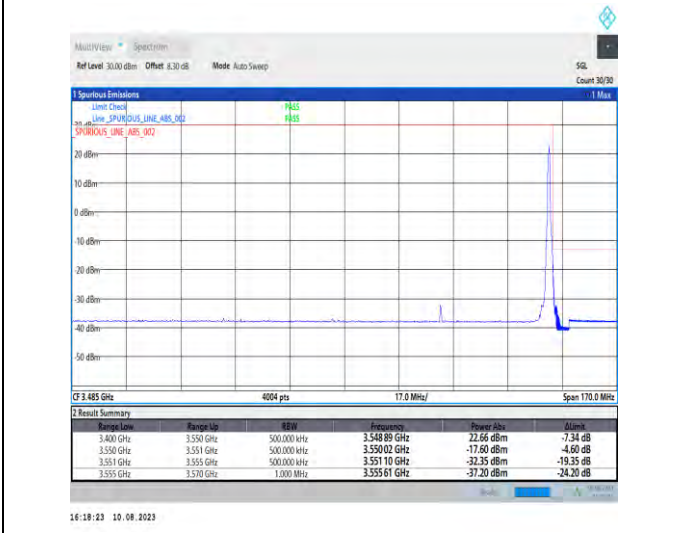
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1-N78-3450-3550-PC2-30-70-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@188-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-70-H-3-DFT-PI2BPSK-Outer_Full-180@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-70-H-5-CP-QPSK-Edge_1RB_Right-1@188-Ant1-1--PASS-see graph

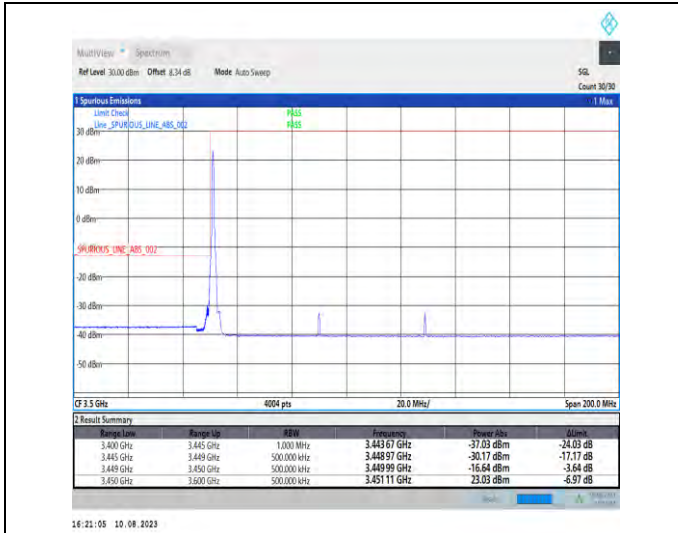
1-N78-3450-3550-PC2-30-70-H-6-CP-QPSK-Outer_Full-189@0-Ant1-1--PASS-see graph



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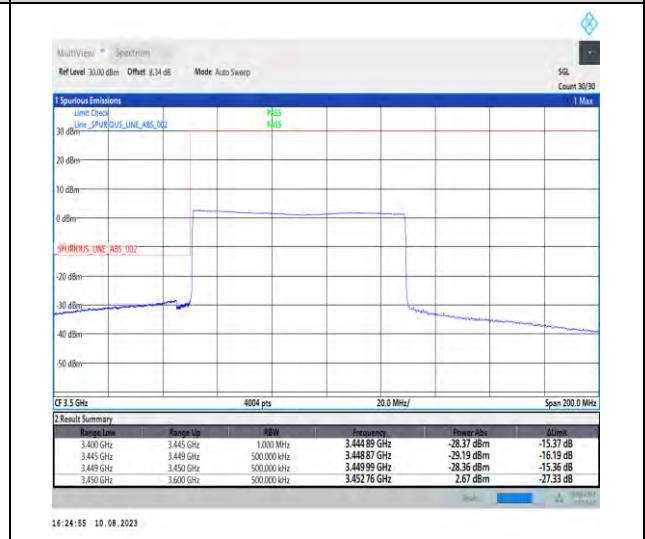
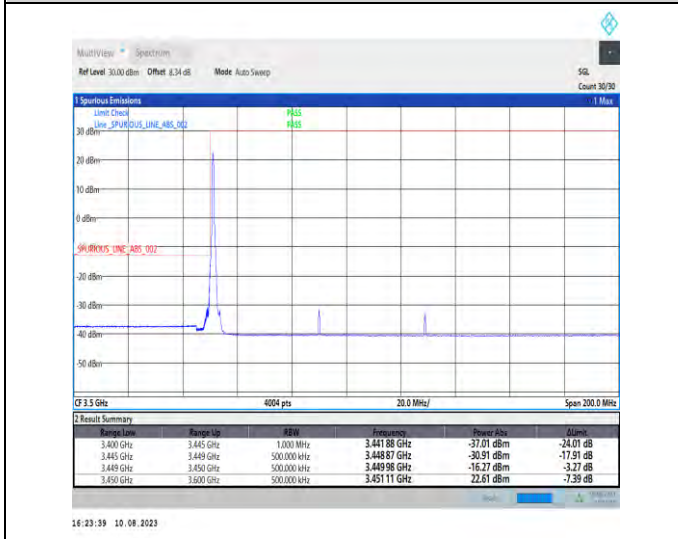
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1-N78-3450-3550-PC2-30-80-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-80-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-80-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-80-L-6-CP-QPSK-Outer_Full-217@0-Ant1-1--PASS-see graph

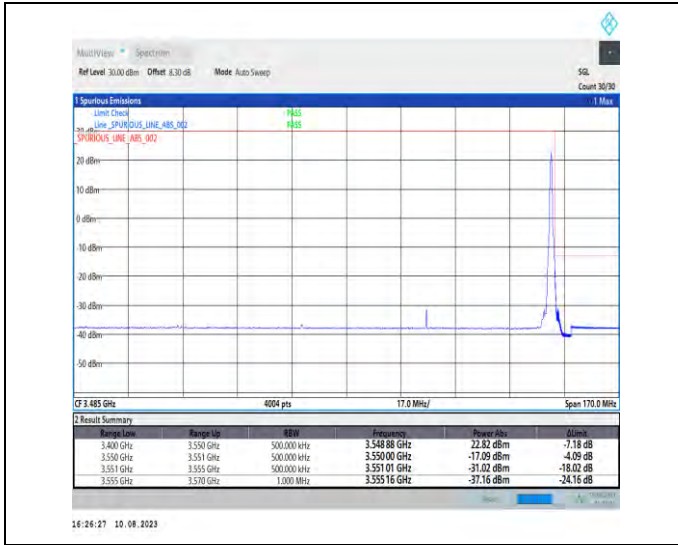


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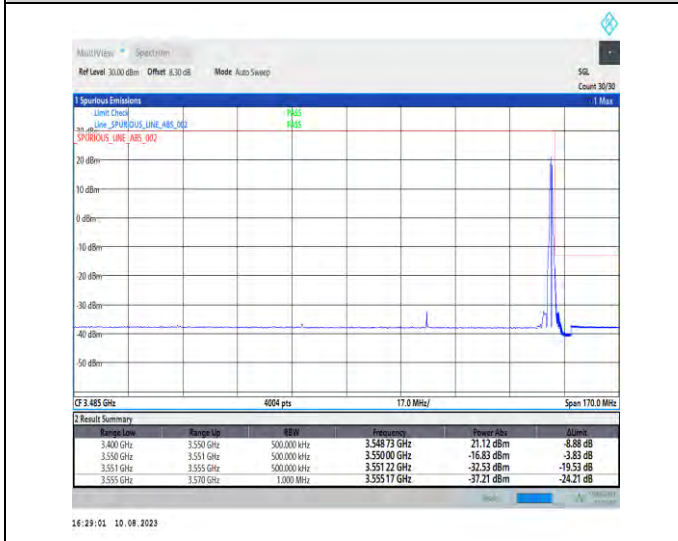
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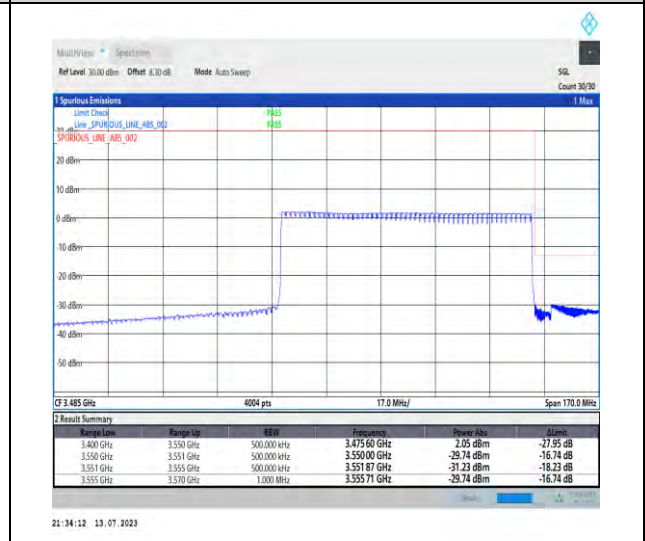
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1-N78-3450-3550-PC2-30-80-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-80-H-5-CP-QPSK-Edge_1RB_Right-1@216-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-80-H-6-CP-QPSK-Outer_Full-217@0-Ant1-1--PASS-see graph

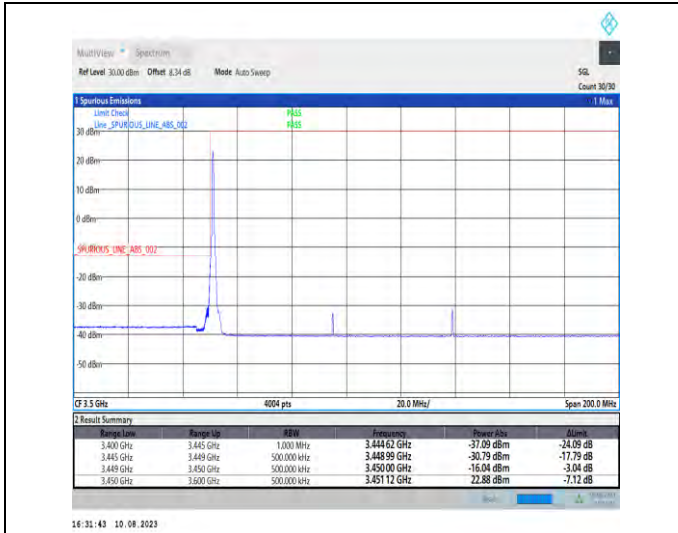


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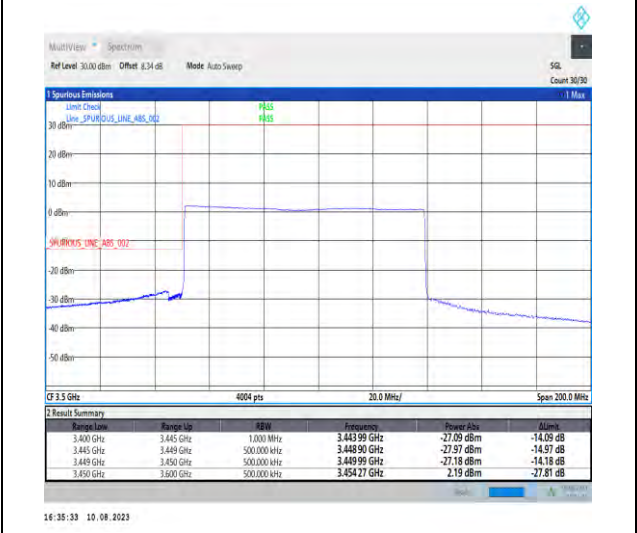
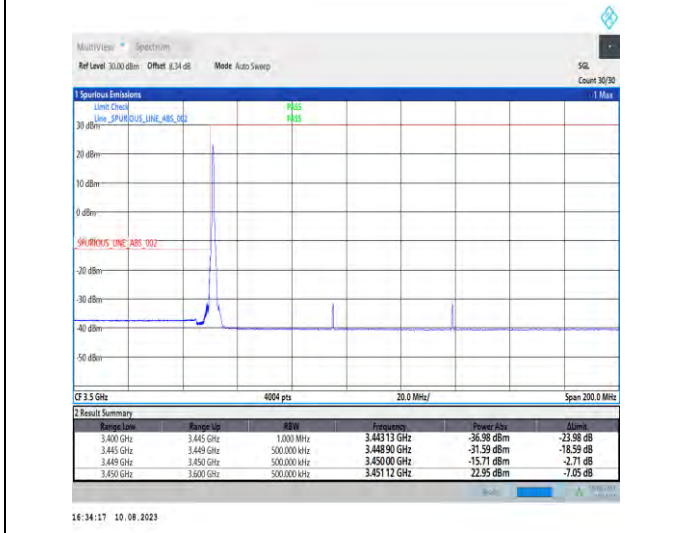
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1-N78-3450-3550-PC2-30-90-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-90-L-3-DFT-PI2BPSK-Outer_Full-240@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-90-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-90-L-6-CP-QPSK-Outer_Full-245@0-Ant1-1--PASS-see graph

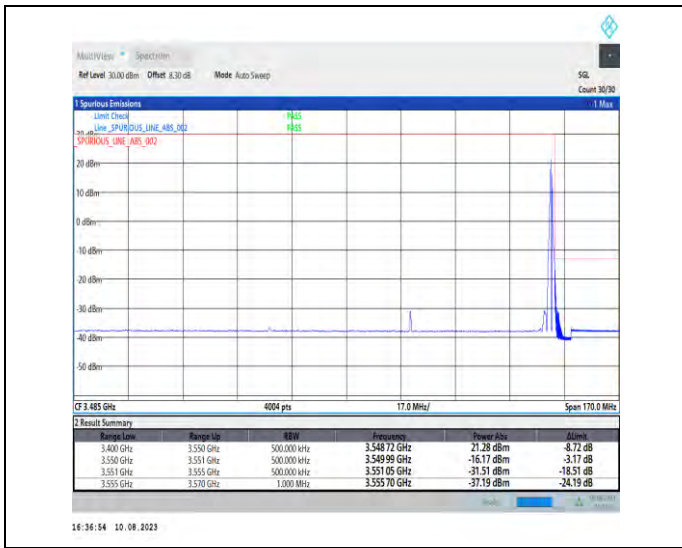


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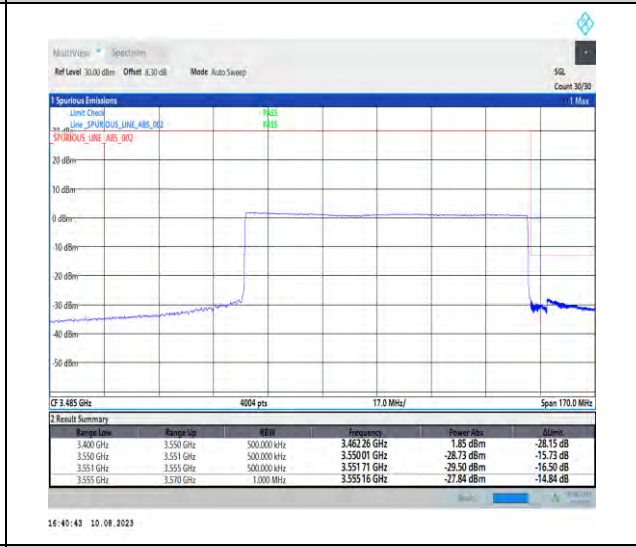
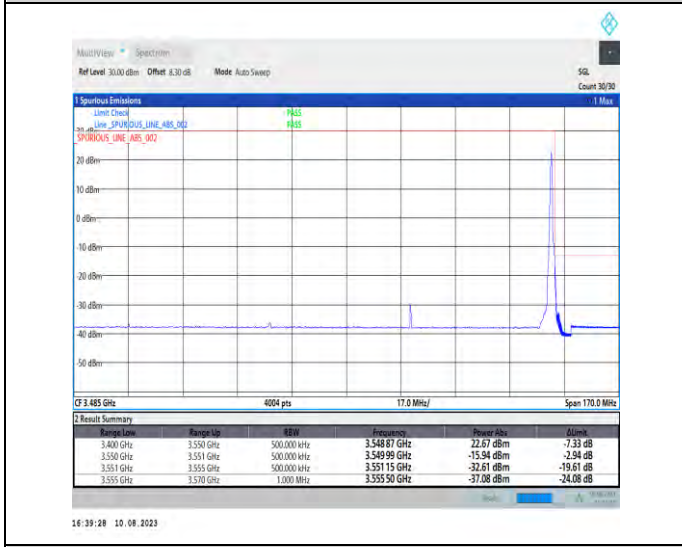
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1-N78-3450-3550-PC2-30-90-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@244-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-90-H-3-DFT-PI2BPSK-Outer_Full-240@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-90-H-5-CP-QPSK-Edge_1RB_Right-1@244-Ant1-1--PASS-see graph

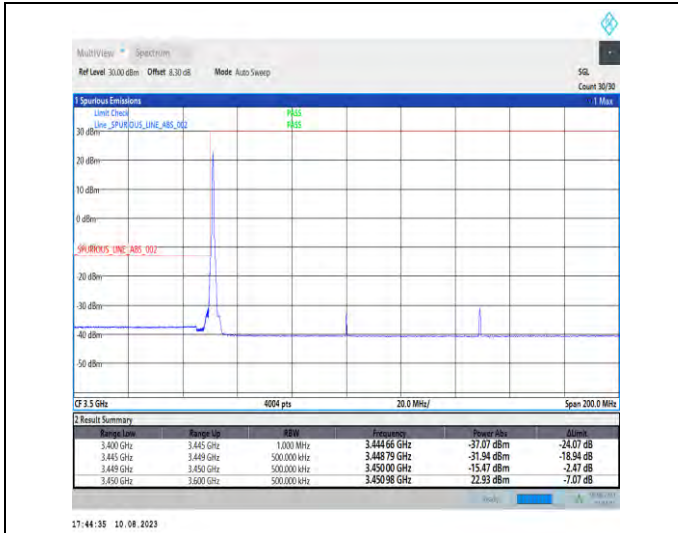
1-N78-3450-3550-PC2-30-90-H-6-CP-QPSK-Outer_Full-245@0-Ant1-1--PASS-see graph



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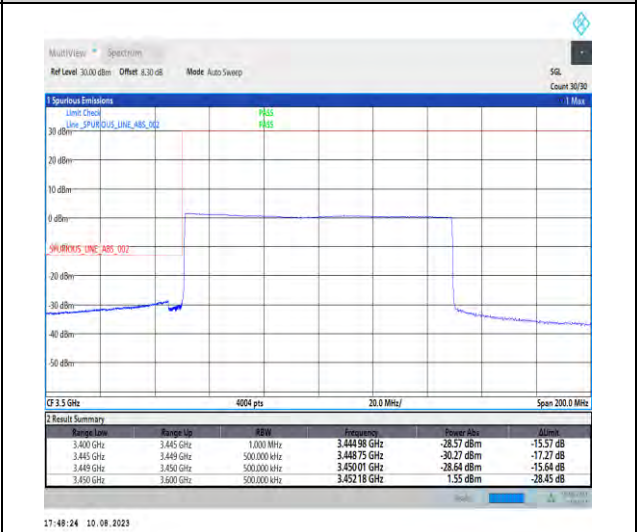
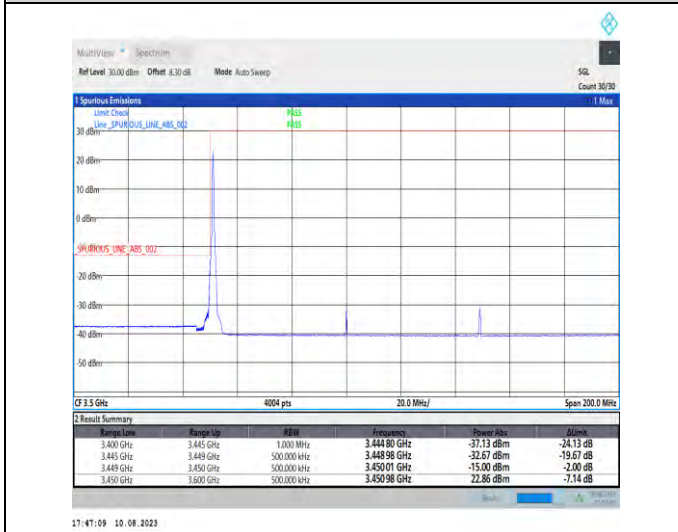
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1-N78-3450-3550-PC2-30-100-L-1-DFT-PI2BPSK-Edge_1_RB_Left-1@0-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-100-L-3-DFT-PI2BPSK-Outer_Full-270@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-100-L-4-CP-QPSK-Edge_1_RB_Left-1@0-Ant1-1--PASS-see graph

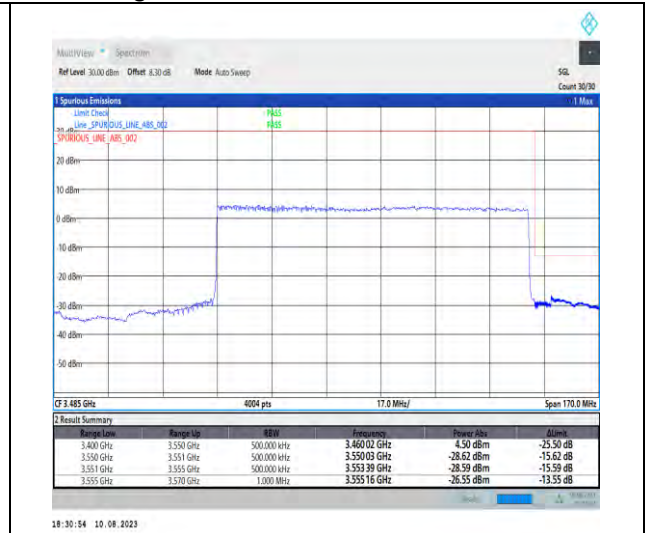
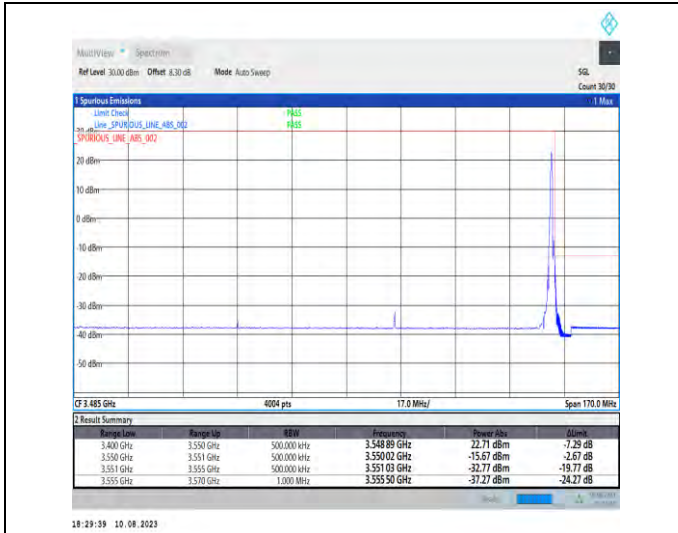
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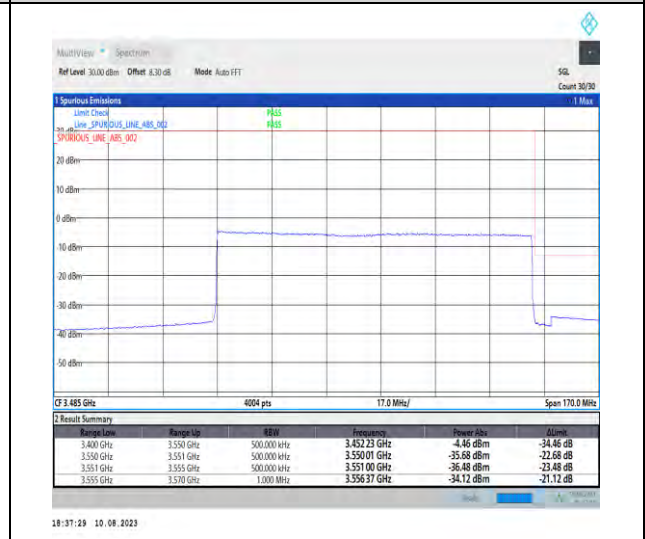
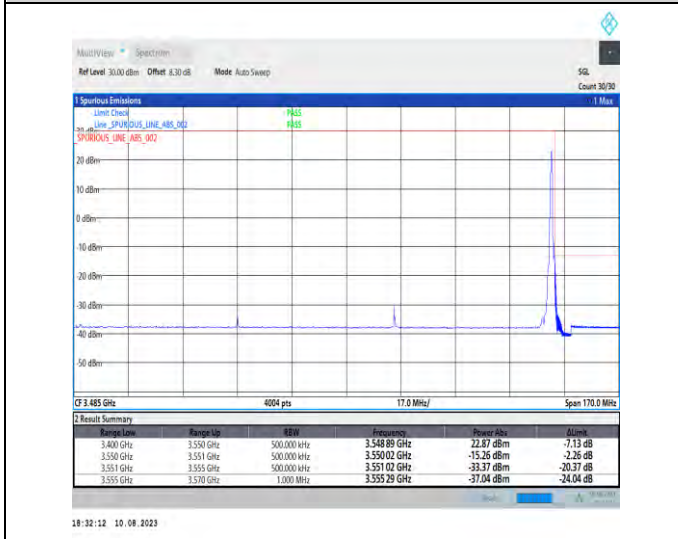
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1-N78-3450-3550-PC2-30-100-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@272-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-100-H-3-DFT-PI2BPSK-Outer_Full-270@0-Ant1-1--PASS-see graph



1-N78-3450-3550-PC2-30-100-H-5-CP-QPSK-Edge_1RB_Right-1@272-Ant1-1--PASS-see graph

1-N78-3450-3550-PC2-30-100-H-6-CP-QPSK-Outer_Full-273@0-Ant1-1--PASS-see graph



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Conducted Spurious Emission for SA

Test Graphs

<p>1-N78-3450-3550-PC2-30-100-L-1-N/A-DFT-PI2BP SK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.02--80. 56--43-PASS</p>	<p>1-N78-3450-3550-PC2-30-100-L-1-N/A-DFT-PI2BPS K-Inner_1RB_Left-1@1-0.15-30-Ant1-0.33--82.51--3 3-PASS</p>
<p>1-N78-3450-3550-PC2-30-100-L-1-N/A-DFT-PI2BP SK-Inner_1RB_Left-1@1-30-1000-Ant1-34.85--65.0 0--13-PASS</p>	<p>1-N78-3450-3550-PC2-30-100-L-1-N/A-DFT-PI2BPS K-Inner_1RB_Left-1@1-1000-6000-Ant1-5919.50--38 .46--13-PASS</p>

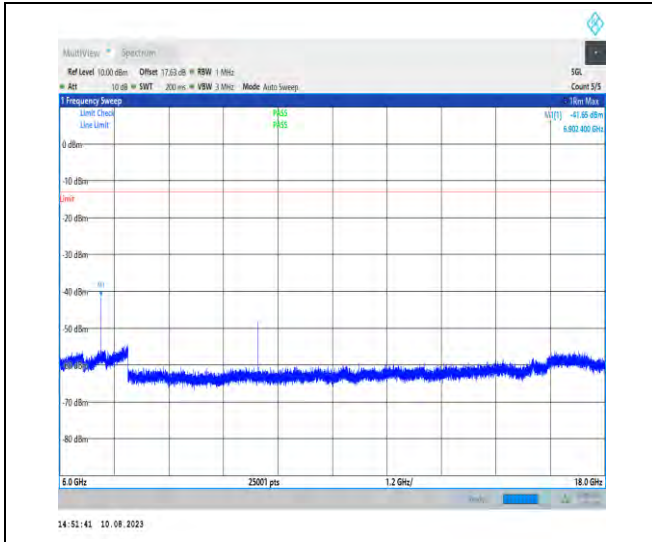


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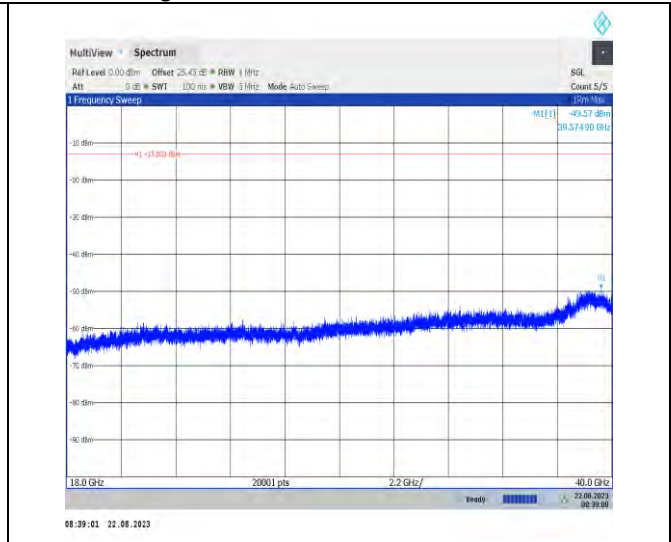
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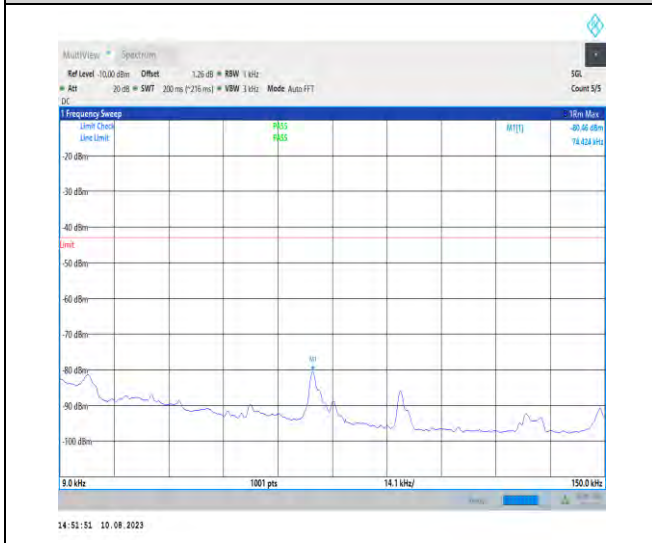
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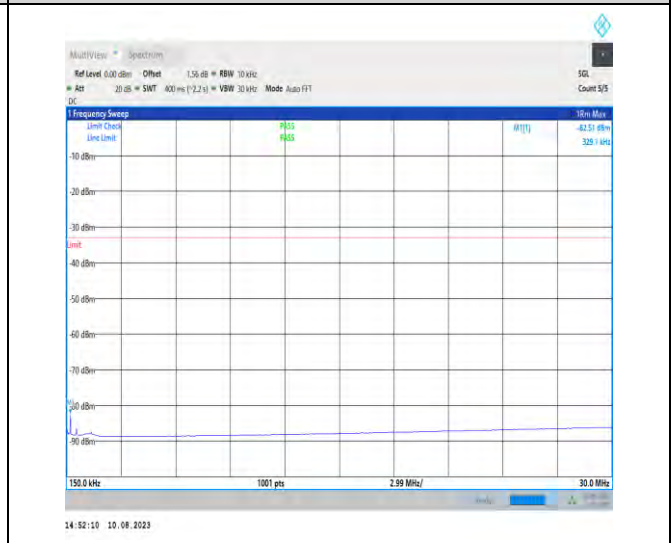
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SK-Inner_1RB_Left-1@1-6000-18000-Ant1-7354.08
--41.65--13-PASS



1-N78-3450-3550-PC2-30-100-L-1-N/A-DFT-PI2BPS
K-Inner_1RB_Left-1@1-18000-40000-Ant1-18000.00
--58.14--13-PASS



1-N78-3450-3550-PC2-30-100-M-1-N/A-DFT-PI2BP
SK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.07--80.
46--43-PASS



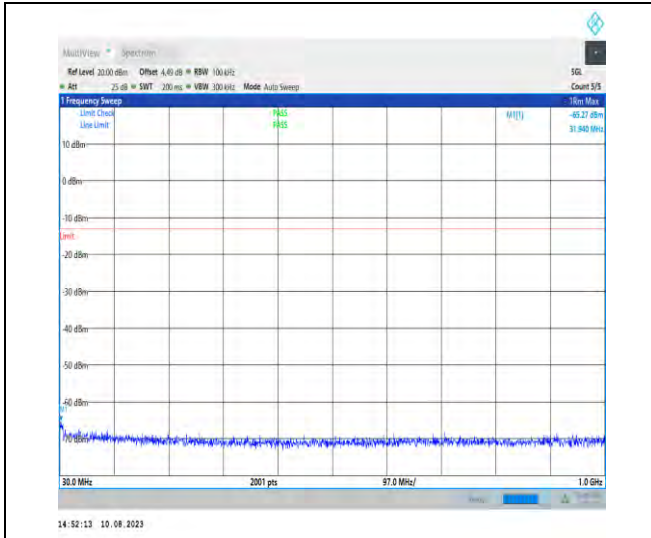
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K-Inner_1RB_Left-1@1-0.15-30-Ant1-0.33--82.51--3
3-PASS



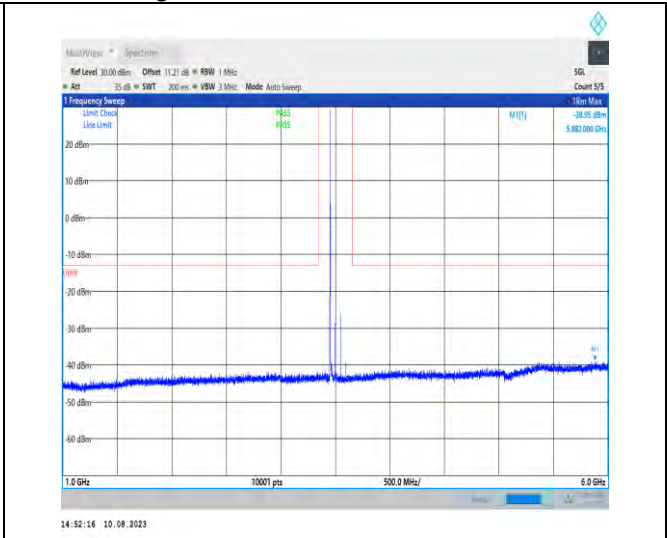
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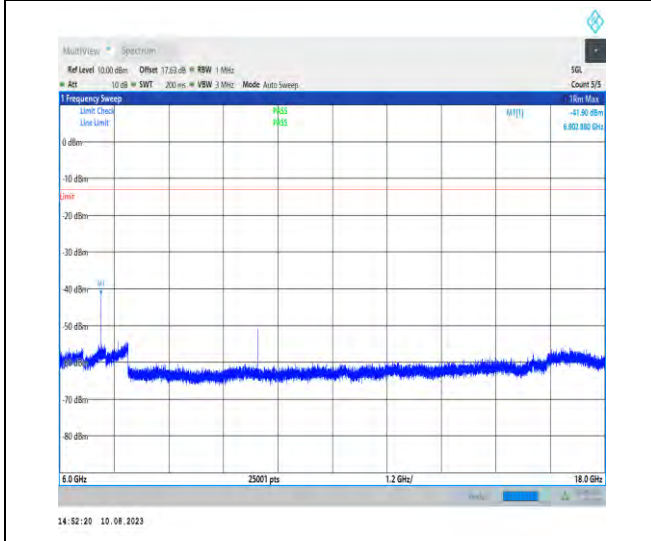
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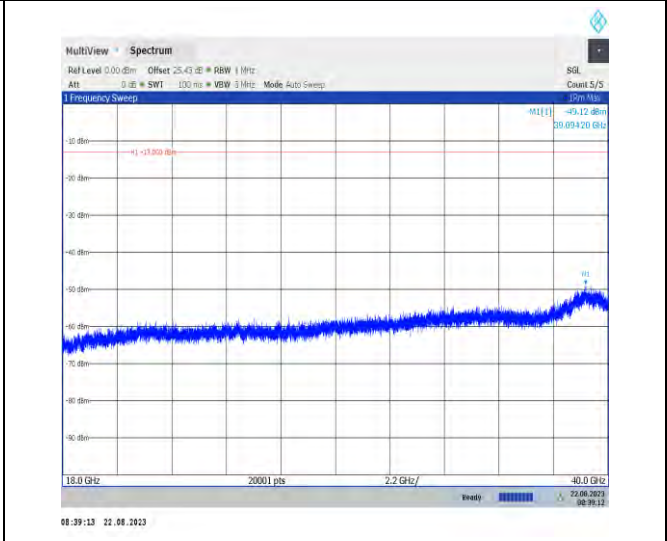
1-N78-3450-3550-PC2-30-100-M-1-N/A-DFT-PI2BP
SK-Inner_1RB_Left-1@1-30-1000-Ant1-34.37--65.2
7--13-PASS



1-N78-3450-3550-PC2-30-100-M-1-N/A-DFT-PI2BPS
K-Inner_1RB_Left-1@1-1000-6000-Ant1-5962.00--38
.95--13-PASS



1-N78-3450-3550-PC2-30-100-M-1-N/A-DFT-PI2BP
SK-Inner_1RB_Left-1@1-6000-18000-Ant1-7425.12
--41.90--13-PASS



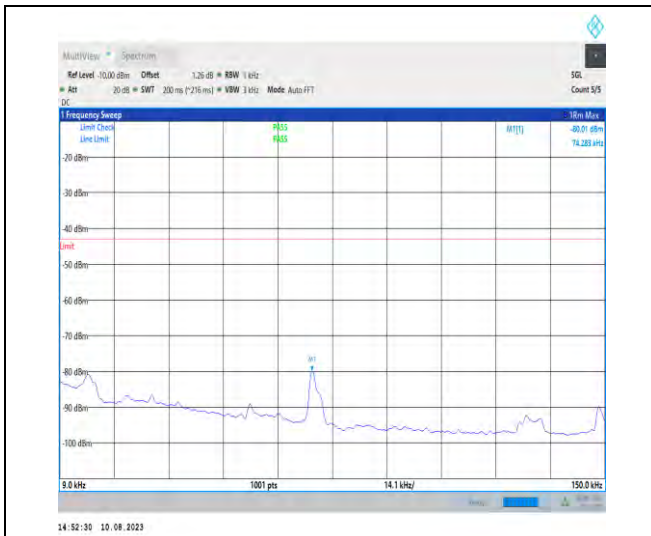
1-N78-3450-3550-PC2-30-100-M-1-N/A-DFT-PI2BPS
K-Inner_1RB_Left-1@1-18000-40000-Ant1-18000.00
--57.99--13-PASS



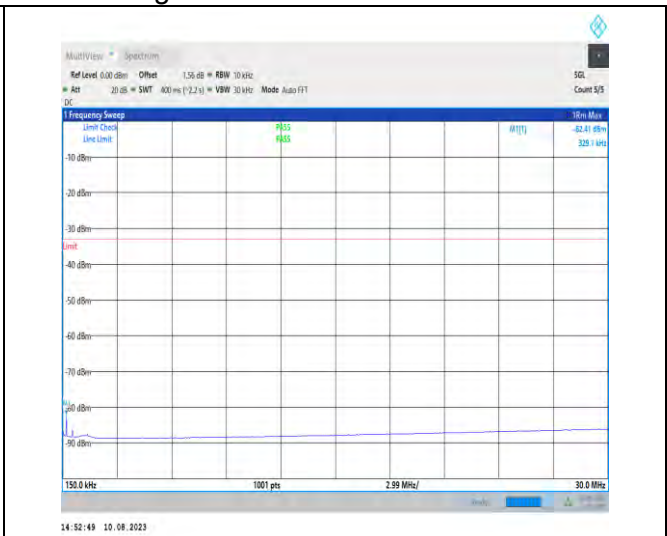
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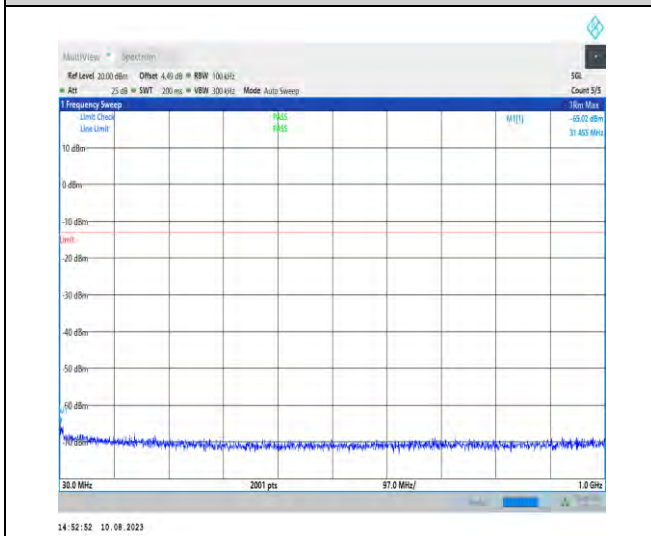
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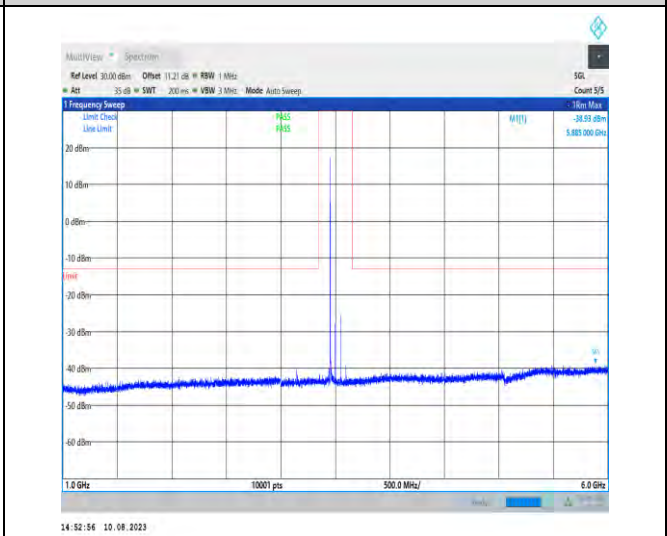
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SK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.07--80.
01--43-PASS



1-N78-3450-3550-PC2-30-100-H-1-N/A-DFT-PI2BPS
K-Inner_1RB_Left-1@1-0.15-30-Ant1-0.33--82.41--33
3-PASS



1-N78-3450-3550-PC2-30-100-H-1-N/A-DFT-PI2BP
SK-Inner_1RB_Left-1@1-30-1000-Ant1-35.34--65.0
2--13-PASS



1-N78-3450-3550-PC2-30-100-H-1-N/A-DFT-PI2BPS
K-Inner_1RB_Left-1@1-1000-6000-Ant1-5908.00--38
.93--13-PASS

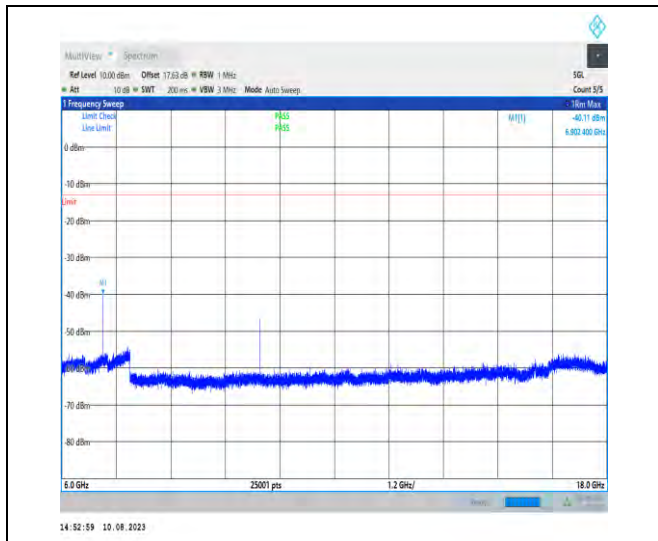


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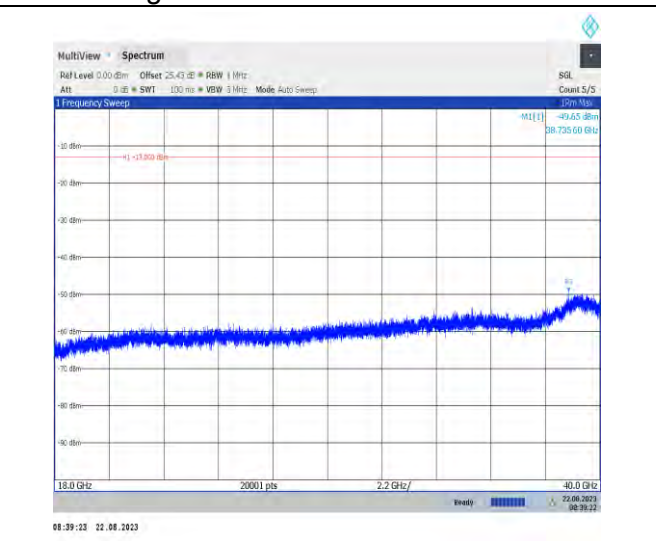
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1-N78-3450-3550-PC2-30-100-H-1-N/A-DFT-PI2BP
 SK-Inner_1RB_Left-1@1-6000-18000-Ant1-10354.0
 8--40.11--13-PASS



1-N78-3450-3550-PC2-30-100-H-1-N/A-DFT-PI2BPS
 K-Inner_1RB_Left-1@1-18000-40000-Ant1-18000.00
 --58.11--13-PASS



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Field Strength of Spurious Radiation

Test Band = NR_Band 78(3450~3550)_ Ant 2TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8863.7292	41.67	-43.66	37.41	-59.84	-13.00	46.84	217	15	Vertical
2	12775.6458	38.71	-39.21	38.73	-57.03	-13.00	44.03	259	315	Vertical
3	6910.18	42.97	-46.12	35.40	-63.00	-13.00	50.00	186	136	Vertical
4	10365.27	38.70	-41.19	38.83	-58.92	-13.00	45.92	237	131	Vertical
5	13820.36	36.02	-38.48	40.49	-57.24	-13.00	44.24	125	61	Vertical
6	17275.45	35.91	-37.12	40.66	-55.81	-13.00	42.81	183	99	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8986.3958	42.13	-43.62	37.58	-59.17	-13.00	46.17	197	2	Horizontal
2	12065.5208	38.19	-39.11	39.16	-57.02	-13.00	44.02	148	203	Horizontal
3	6910.18	42.52	-46.12	35.40	-63.45	-13.00	50.45	256	0	Horizontal
4	10365.27	38.43	-41.19	38.83	-59.19	-13.00	46.19	132	177	Horizontal
5	13820.36	36.17	-38.48	40.49	-57.09	-13.00	44.09	155	17	Horizontal
6	17275.45	35.61	-37.12	40.66	-56.11	-13.00	43.11	186	148	Horizontal



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Test Band = NR_Band 78(3450~3550)_ Ant 6TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6902.0208	51.68	-46.14	35.38	-54.33	-13.00	41.33	214	94	Vertical
2	8777.9583	41.81	-43.82	37.29	-59.98	-13.00	46.98	189	267	Vertical
3	12008.9792	37.62	-38.64	39.19	-57.08	-13.00	44.08	156	288	Vertical
4	10365.27	37.95	-41.19	38.83	-59.67	-13.00	46.67	234	171	Vertical
5	13820.36	35.90	-38.48	40.49	-57.36	-13.00	44.36	175	0	Vertical
6	17275.45	35.99	-37.12	40.66	-55.73	-13.00	42.73	156	354	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6902.0208	51.49	-46.14	35.38	-54.52	-13.00	41.52	288	83	Horizontal
2	9570.9792	41.07	-42.00	38.11	-58.07	-13.00	45.07	179	153	Horizontal
3	12069.8333	38.28	-39.15	39.16	-56.97	-13.00	43.97	201	352	Horizontal
4	10365.27	38.20	-41.19	38.83	-59.42	-13.00	46.42	140	147	Horizontal
5	13820.36	36.20	-38.48	40.49	-57.06	-13.00	44.06	136	78	Horizontal
6	17275.45	35.99	-37.12	40.66	-55.73	-13.00	42.73	219	31	Horizontal



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Report No.: SEWM2309000395RG02

Rev.: 01

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Test Band = NR_Band 78(3450~3550)_ Ant 7TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8452.125	42.74	-44.01	36.83	-59.69	-13.00	46.69	185	299	Vertical
2	11882.4792	39.01	-39.79	39.22	-56.82	-13.00	43.82	216	326	Vertical
3	6910.18	42.69	-46.12	35.40	-63.28	-13.00	50.28	233	360	Vertical
4	10365.27	38.61	-41.19	38.83	-59.01	-13.00	46.01	195	37	Vertical
5	13820.36	35.94	-38.48	40.49	-57.32	-13.00	44.32	162	157	Vertical
6	17275.45	35.77	-37.12	40.66	-55.95	-13.00	42.95	224	47	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8808.1458	42.08	-43.83	37.33	-59.68	-13.00	46.68	219	262	Horizontal
2	12056.4167	38.72	-39.03	39.17	-56.41	-13.00	43.41	188	221	Horizontal
3	6910.18	42.84	-46.12	35.40	-63.13	-13.00	50.13	176	351	Horizontal
4	10365.27	38.32	-41.19	38.83	-59.30	-13.00	46.30	230	174	Horizontal
5	13820.36	35.92	-38.48	40.49	-57.34	-13.00	44.34	165	52	Horizontal
6	17275.45	35.42	-37.12	40.66	-56.30	-13.00	43.30	277	95	Horizontal



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Report No.: SEWM2309000395RG02

Rev.: 01

Page: 67 of 74

Test Band = NR_Band 78(3450~3550)_ Ant 8TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8824.9167	42.29	-43.78	37.35	-59.40	-13.00	46.40	224	100	Vertical
2	11460.8125	39.24	-39.94	39.31	-56.65	-13.00	43.65	178	172	Vertical
3	6910.18	43.79	-46.12	35.40	-62.18	-13.00	49.18	239	360	Vertical
4	10365.27	38.46	-41.19	38.83	-59.16	-13.00	46.16	244	233	Vertical
5	13820.36	35.69	-38.48	40.49	-57.57	-13.00	44.57	145	216	Vertical
6	17275.45	35.71	-37.12	40.66	-56.01	-13.00	43.01	201	360	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9342.8958	41.53	-42.88	37.91	-58.71	-13.00	45.71	231	293	Horizontal
2	12095.7083	38.66	-39.36	39.14	-56.82	-13.00	43.82	279	4	Horizontal
3	6910.18	42.79	-46.12	35.40	-63.18	-13.00	50.18	156	71	Horizontal
4	10365.27	38.29	-41.19	38.83	-59.33	-13.00	46.33	206	135	Horizontal
5	13820.36	36.29	-38.48	40.49	-56.97	-13.00	43.97	172	359	Horizontal
6	17275.45	35.89	-37.12	40.66	-55.83	-13.00	42.83	135	198	Horizontal



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Test Band = ENDC 38A_n78A(3450~3550)_ Ant 2TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7688.3333	43.19	-45.11	36.57	-60.61	-13.00	47.61	274	281	Vertical
2	8876.6667	43.49	-43.62	37.43	-57.96	-13.00	44.96	195	229	Vertical
3	6910.18	42.61	-46.12	35.40	-63.36	-13.00	50.36	237	60	Vertical
4	10365.27	38.78	-41.19	38.83	-58.84	-13.00	45.84	288	281	Vertical
5	13820.36	36.03	-38.48	40.49	-57.23	-13.00	44.23	165	328	Vertical
6	17275.45	35.08	-37.12	40.66	-56.64	-13.00	43.64	201	247	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8877.1458	41.55	-43.62	37.43	-59.90	-13.00	46.90	248	115	Horizontal
2	14820.25	37.27	-37.71	40.24	-55.46	-13.00	42.46	159	359	Horizontal
3	6910.18	42.92	-46.12	35.40	-63.05	-13.00	50.05	214	338	Horizontal
4	10365.27	38.56	-41.19	38.83	-59.06	-13.00	46.06	163	99	Horizontal
5	13820.36	35.86	-38.48	40.49	-57.40	-13.00	44.40	258	359	Horizontal
6	17275.45	35.71	-37.12	40.66	-56.01	-13.00	43.01	176	359	Horizontal



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Test Band = ENDC 38A_n78A(3450~3550)_ Ant 6TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6602.0625	55.25	-46.43	34.72	-51.71	-13.00	38.71	217	68	Vertical
2	1659.68	32.18	-24.74	25.34	-62.48	-13.00	49.48	196	89	Vertical
3	2489.52	32.30	-24.05	27.29	-59.72	-13.00	46.72	235	315	Vertical
4	6910.18	42.94	-46.12	35.40	-63.03	-13.00	50.03	288	114	Vertical
5	10365.27	37.81	-41.19	38.83	-59.81	-13.00	46.81	146	194	Vertical
6	13820.36	35.73	-38.48	40.49	-57.53	-13.00	44.53	274	360	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6602.0625	54.97	-46.43	34.72	-51.99	-13.00	38.99	188	84	Horizontal
2	1659.68	31.95	-24.74	25.34	-62.71	-13.00	49.71	174	129	Horizontal
3	2489.52	31.97	-24.05	27.29	-60.05	-13.00	47.05	159	77	Horizontal
4	6910.18	42.58	-46.12	35.40	-63.39	-13.00	50.39	239	128	Horizontal
5	10365.27	38.40	-41.19	38.83	-59.22	-13.00	46.22	276	95	Horizontal
6	13820.36	36.47	-38.48	40.49	-56.79	-13.00	43.79	207	182	Horizontal



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Test Band = ENDC 38A_n78A(3450~3550)_ Ant 7TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5172.18	29.74	-17.84	31.91	-51.45	-13.00	38.45	247	209	Vertical
2	6910.18	43.29	-46.12	35.40	-62.68	-13.00	49.68	189	63	Vertical
3	7758.27	42.14	-45.00	36.49	-61.63	-13.00	48.63	265	142	Vertical
4	10365.27	38.17	-41.19	38.83	-59.45	-13.00	46.45	134	195	Vertical
5	13820.36	36.43	-38.48	40.49	-56.83	-13.00	43.83	175	99	Vertical
6	17275.45	35.61	-37.12	40.66	-56.11	-13.00	43.11	220	116	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5172.18	29.69	-17.84	31.91	-51.50	-13.00	38.50	194	80	Horizontal
2	6910.18	42.87	-46.12	35.40	-63.10	-13.00	50.10	145	114	Horizontal
3	7758.27	42.17	-45.00	36.49	-61.60	-13.00	48.60	237	353	Horizontal
4	10365.27	38.48	-41.19	38.83	-59.14	-13.00	46.14	186	336	Horizontal
5	13820.36	36.62	-38.48	40.49	-56.64	-13.00	43.64	261	67	Horizontal
6	17275.45	36.27	-37.12	40.66	-55.45	-13.00	42.45	152	83	Horizontal



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Test Band = ENDC 38A_n78A(3450~3550)_ Ant 8TM1

Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5172.18	30.13	-17.84	31.91	-51.06	-13.00	38.06	147	146	Vertical
2	6910.18	42.84	-46.12	35.40	-63.13	-13.00	50.13	256	89	Vertical
3	7758.27	41.55	-45.00	36.49	-62.22	-13.00	49.22	239	263	Vertical
4	10365.27	38.06	-41.19	38.83	-59.56	-13.00	46.56	241	31	Vertical
5	13820.36	36.84	-38.48	40.49	-56.42	-13.00	43.42	155	279	Vertical
6	17275.45	36.05	-37.12	40.66	-55.67	-13.00	42.67	166	195	Vertical

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5172.18	29.66	-17.84	31.91	-51.53	-13.00	38.53	239	331	Horizontal
2	6910.18	43.53	-46.12	35.40	-62.44	-13.00	49.44	172	52	Horizontal
3	7758.27	41.04	-45.00	36.49	-62.73	-13.00	49.73	180	257	Horizontal
4	10365.27	39.31	-41.19	38.83	-58.31	-13.00	45.31	146	36	Horizontal
5	13820.36	36.65	-38.48	40.49	-56.61	-13.00	43.61	258	336	Horizontal
6	17275.45	35.56	-37.12	40.66	-56.16	-13.00	43.16	221	360	Horizontal

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VH	NT	-6.20	0.00	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VN	NT	-17.20	0.00	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	VL	NT	-14.30	0.00	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	VH	NT	-13.60	0.00	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	VN	NT	-6.10	0.00	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	VL	NT	-5.70	0.00	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-30	-13.000000	-0.003714	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-20	-13.000000	-0.003714	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	-10	-10.700000	-0.003057	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	0	-19.200000	-0.005486	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	10	-9.900000	-0.002829	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	20	-12.200000	-0.003486	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	30	-11.200000	-0.003200	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	40	-12.300000	-0.003514	PASS
N78 -3450-3550	30	100	DFT-PI2BPSK	M	Outer_Full	NV	50	-11.300000	-0.003229	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-30	-5.800000	-0.001657	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-20	-12.800000	-0.003657	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	-10	-9.400000	-0.002686	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	0	-15.100000	-0.004314	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	10	-19.000000	-0.005429	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	20	-15.700000	-0.004486	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	30	-5.700000	-0.001629	PASS
N78 -3450-3550	30	100	CP-QPSK	M	Outer_Full	NV	40	-19.400000	-0.005543	PASS



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-3450-3550										
N78	30	100	CP-QPSK	M	Outer_Full	NV	50	-7.400000	-0.002114	PASS
-3450-3550										

---End of Attachment---



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