

Appendix A: Peak-to-Average Ratio(PAPR)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Result(MHz)	Limit(MHz)	Verdict
N5	15	5	DFT-QPSK	M	Outer_Full	100%	6.71	≤13	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	100%	8.09	≤13	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	100%	8.74	≤13	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	100%	8.69	≤13	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	100%	7.51	≤13	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	100%	8.46	≤13	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	100%	8.82	≤13	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	100%	9.29	≤13	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	100%	7.12	≤13	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	100%	7.82	≤13	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	100%	7.84	≤13	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	100%	8.99	≤13	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	100%	8.26	≤13	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	100%	8.59	≤13	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	100%	8.99	≤13	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	100%	8.66	≤13	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	100%	8.86	≤13	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	100%	8.98	≤13	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	100%	8.96	≤13	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	100%	9.01	≤13	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	100%	9.07	≤13	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	100%	9.15	≤13	PASS
N38	30	10	DFT-QPSK	M	Outer_Full	100%	7.85	≤13	PASS
N38	30	10	DFT-16QAM	M	Outer_Full	100%	7.73	≤13	PASS
N38	30	15	DFT-QPSK	M	Outer_Full	100%	8.72	≤13	PASS
N38	30	15	DFT-16QAM	M	Outer_Full	100%	8.93	≤13	PASS
N38	30	20	DFT-QPSK	M	Outer_Full	100%	9.44	≤13	PASS
N38	30	30	DFT-QPSK	M	Outer_Full	100%	4.95	≤13	PASS
N38	30	30	DFT-16QAM	M	Outer_Full	100%	4.80	≤13	PASS
N38	30	40	DFT-QPSK	M	Outer_Full	100%	4.34	≤13	PASS
N38	30	40	DFT-16QAM	M	Outer_Full	100%	9.61	≤13	PASS
N41	30	10	DFT-QPSK	M	Outer_Full	100%	7.29	≤13	PASS
N41	30	10	DFT-16QAM	M	Outer_Full	100%	6.76	≤13	PASS
N41	30	15	DFT-QPSK	M	Outer_Full	100%	9.05	≤13	PASS
N41	30	15	DFT-16QAM	M	Outer_Full	100%	7.28	≤13	PASS

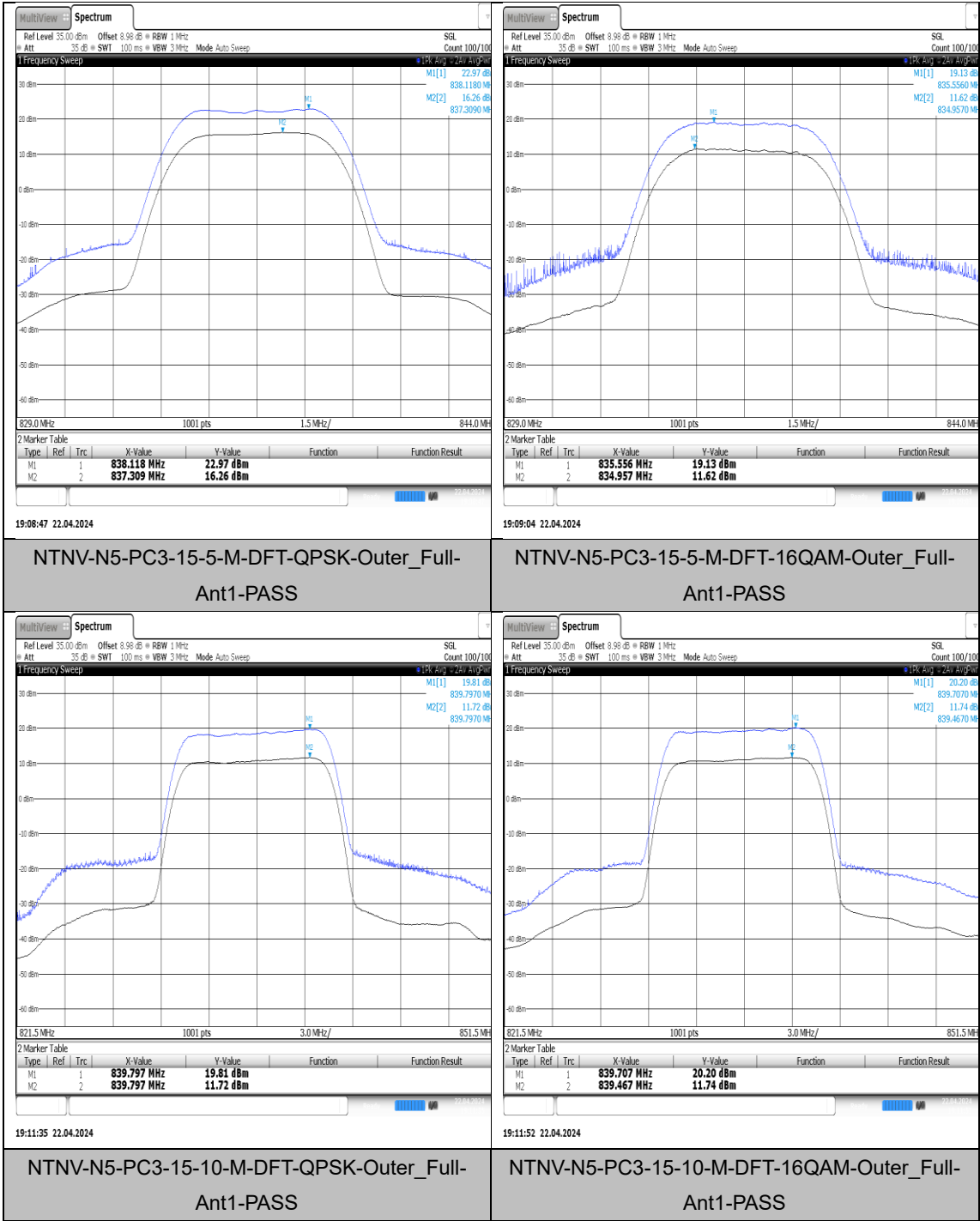
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N41	30	30	DFT-QPSK	M	Outer_Full	100%	8.95	≤13	PASS
N41	30	30	DFT-16QAM	M	Outer_Full	100%	9.23	≤13	PASS
N41	30	40	DFT-QPSK	M	Outer_Full	100%	9.74	≤13	PASS
N41	30	40	DFT-16QAM	M	Outer_Full	100%	9.27	≤13	PASS
N41	30	50	DFT-QPSK	M	Outer_Full	100%	9.60	≤13	PASS
N41	30	50	DFT-16QAM	M	Outer_Full	100%	5.73	≤13	PASS
N41	30	60	DFT-QPSK	M	Outer_Full	100%	9.02	≤13	PASS
N41	30	60	DFT-16QAM	M	Outer_Full	100%	9.41	≤13	PASS
N41	30	70	DFT-QPSK	M	Outer_Full	100%	8.41	≤13	PASS
N41	30	70	DFT-16QAM	M	Outer_Full	100%	9.56	≤13	PASS
N41	30	80	DFT-QPSK	M	Outer_Full	100%	9.28	≤13	PASS
N41	30	80	DFT-16QAM	M	Outer_Full	100%	9.40	≤13	PASS
N41	30	90	DFT-QPSK	M	Outer_Full	100%	9.40	≤13	PASS
N41	30	90	DFT-16QAM	M	Outer_Full	100%	9.26	≤13	PASS
N41	30	100	DFT-QPSK	M	Outer_Full	100%	4.10	≤13	PASS
N41	30	100	DFT-16QAM	M	Outer_Full	100%	4.26	≤13	PASS
N77-3450-3550	30	10	DFT-QPSK	M	Outer_Full	100%	8.44	≤13	PASS
N77-3450-3550	30	10	DFT-16QAM	M	Outer_Full	100%	8.71	≤13	PASS
N77-3450-3550	30	15	DFT-QPSK	M	Outer_Full	19.6%	1.79	≤13	PASS
N77-3450-3550	30	15	DFT-16QAM	M	Outer_Full	19.6%	2.20	≤13	PASS
N77-3450-3550	30	20	DFT-QPSK	M	Outer_Full	19.6%	0.95	≤13	PASS
N77-3450-3550	30	20	DFT-16QAM	M	Outer_Full	19.6%	0.13	≤13	PASS
N77-3450-3550	30	25	DFT-QPSK	M	Outer_Full	19.6%	1.82	≤13	PASS
N77-3450-3550	30	25	DFT-16QAM	M	Outer_Full	19.6%	2.20	≤13	PASS
N77-3450-3550	30	30	DFT-QPSK	M	Outer_Full	19.6%	2.22	≤13	PASS
N77-3450-3550	30	30	DFT-16QAM	M	Outer_Full	19.6%	2.26	≤13	PASS
N77-3450-3550	30	40	DFT-QPSK	M	Outer_Full	19.6%	2.47	≤13	PASS
N77-3450-3550	30	40	DFT-16QAM	M	Outer_Full	19.6%	2.28	≤13	PASS
N77-3450-3550	30	50	DFT-QPSK	M	Outer_Full	19.6%	2.29	≤13	PASS

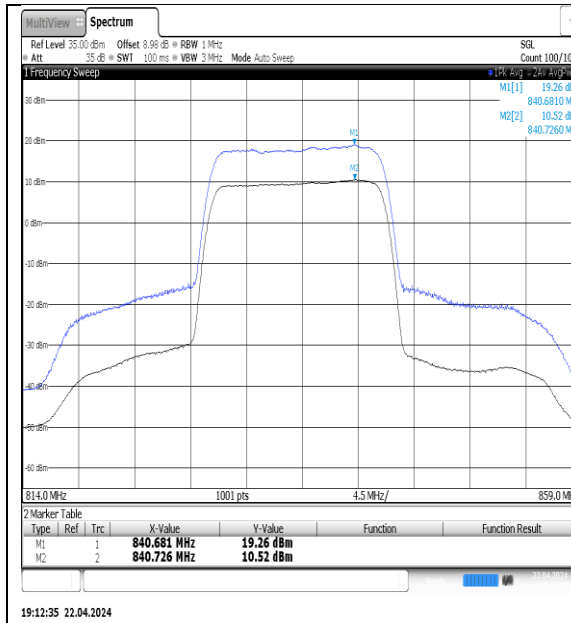
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N77-3450-3550	30	60	DFT-16QAM	M	Outer_Full	19.6%	2.55	≤13	PASS
N77-3450-3550	30	70	DFT-QPSK	M	Outer_Full	19.6%	2.28	≤13	PASS
N77-3450-3550	30	70	DFT-16QAM	M	Outer_Full	19.6%	2.22	≤13	PASS
N77-3450-3550	30	80	DFT-QPSK	M	Outer_Full	19.6%	2.66	≤13	PASS
N77-3450-3550	30	80	DFT-16QAM	M	Outer_Full	19.6%	2.42	≤13	PASS
N77-3450-3550	30	90	DFT-QPSK	M	Outer_Full	19.6%	2.61	≤13	PASS
N77-3450-3550	30	90	DFT-16QAM	M	Outer_Full	19.6%	2.38	≤13	PASS
N77-3450-3550	30	100	DFT-QPSK	M	Outer_Full	19.27%	2.06	≤13	PASS
N77-3450-3550	30	100	DFT-16QAM	M	Outer_Full	19.27%	2.33	≤13	PASS
N78-3700-3800	30	10	DFT-QPSK	M	Outer_Full	100%	8.43	≤13	PASS
N78-3700-3800	30	10	DFT-16QAM	M	Outer_Full	100%	9.38	≤13	PASS
N78-3700-3800	30	15	DFT-QPSK	M	Outer_Full	100%	8.42	≤13	PASS
N78-3700-3800	30	15	DFT-16QAM	M	Outer_Full	100%	9.53	≤13	PASS
N78-3700-3800	30	20	DFT-QPSK	M	Outer_Full	100%	9.37	≤13	PASS
N78-3700-3800	30	20	DFT-16QAM	M	Outer_Full	100%	8.28	≤13	PASS
N78-3700-3800	30	25	DFT-QPSK	M	Outer_Full	100%	6.14	≤13	PASS
N78-3700-3800	30	25	DFT-16QAM	M	Outer_Full	100%	9.38	≤13	PASS
N78-3700-3800	30	30	DFT-QPSK	M	Outer_Full	100%	8.52	≤13	PASS
N78-3700-3800	30	30	DFT-16QAM	M	Outer_Full	100%	9.15	≤13	PASS

N78-3700-3800	30	40	DFT-QPSK	M	Outer_Full	100%	9.41	≤13	PASS
N78-3700-3800	30	40	DFT-16QAM	M	Outer_Full	100%	8.94	≤13	PASS
N78-3700-3800	30	50	DFT-QPSK	M	Outer_Full	100%	6.94	≤13	PASS
N78-3700-3800	30	50	DFT-16QAM	M	Outer_Full	100%	3.45	≤13	PASS
N78-3700-3800	30	60	DFT-QPSK	M	Outer_Full	100%	9.14	≤13	PASS
N78-3700-3800	30	60	DFT-16QAM	M	Outer_Full	100%	9.58	≤13	PASS
N78-3700-3800	30	70	DFT-QPSK	M	Outer_Full	100%	9.06	≤13	PASS
N78-3700-3800	30	70	DFT-16QAM	M	Outer_Full	100%	8.69	≤13	PASS
N78-3700-3800	30	80	DFT-QPSK	M	Outer_Full	100%	9.64	≤13	PASS
N78-3700-3800	30	80	DFT-16QAM	M	Outer_Full	100%	9.03	≤13	PASS
N78-3700-3800	30	90	DFT-QPSK	M	Outer_Full	100%	9.48	≤13	PASS
N78-3700-3800	30	90	DFT-16QAM	M	Outer_Full	100%	9.74	≤13	PASS
N78-3700-3800	30	100	DFT-QPSK	M	Outer_Full	100%	4.13	≤13	PASS
N78-3700-3800	30	100	DFT-16QAM	M	Outer_Full	100%	9.27	≤13	PASS
N77-3700-3980	30	10	DFT-QPSK	M	Outer_Full	100%	8.76	≤13	PASS
N77-3700-3980	30	10	DFT-16QAM	M	Outer_Full	100%	9.27	≤13	PASS
N77-3700-3980	30	15	DFT-QPSK	M	Outer_Full	100%	9.10	≤13	PASS
N77-3700-3980	30	15	DFT-16QAM	M	Outer_Full	100%	9.05	≤13	PASS
N77-3700-3980	30	20	DFT-QPSK	M	Outer_Full	100%	9.02	≤13	PASS
N77-3700-3980	30	20	DFT-16QAM	M	Outer_Full	100%	9.53	≤13	PASS
N77-3700-3980	30	25	DFT-QPSK	M	Outer_Full	100%	9.18	≤13	PASS
N77-3700-3980	30	25	DFT-16QAM	M	Outer_Full	100%	9.85	≤13	PASS

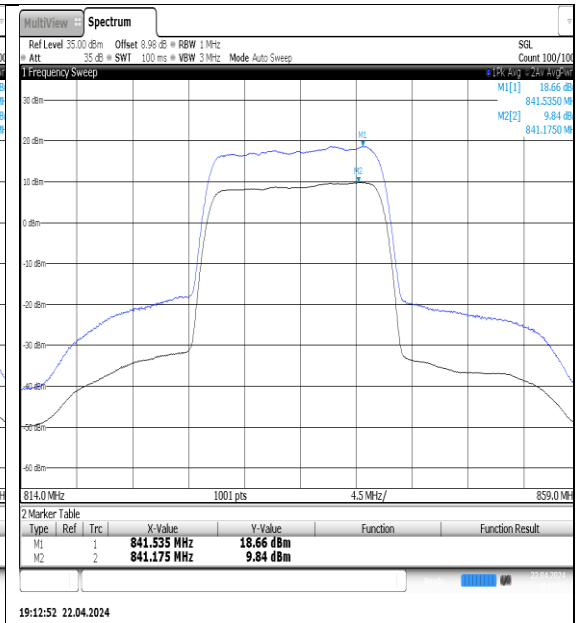
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N77-3700-3980	30	40	DFT-QPSK	M	Outer_Full	100%	9.53	≤13	PASS
N77-3700-3980	30	40	DFT-16QAM	M	Outer_Full	100%	9.55	≤13	PASS
N77-3700-3980	30	50	DFT-QPSK	M	Outer_Full	100%	9.64	≤13	PASS
N77-3700-3980	30	50	DFT-16QAM	M	Outer_Full	100%	9.63	≤13	PASS
N77-3700-3980	30	60	DFT-QPSK	M	Outer_Full	100%	9.65	≤13	PASS
N77-3700-3980	30	60	DFT-16QAM	M	Outer_Full	100%	9.22	≤13	PASS
N77-3700-3980	30	70	DFT-QPSK	M	Outer_Full	100%	9.87	≤13	PASS
N77-3700-3980	30	70	DFT-16QAM	M	Outer_Full	100%	9.70	≤13	PASS
N77-3700-3980	30	80	DFT-QPSK	M	Outer_Full	100%	9.92	≤13	PASS
N77-3700-3980	30	80	DFT-16QAM	M	Outer_Full	100%	9.85	≤13	PASS
N77-3700-3980	30	90	DFT-QPSK	M	Outer_Full	100%	9.68	≤13	PASS
N77-3700-3980	30	90	DFT-16QAM	M	Outer_Full	100%	9.75	≤13	PASS
N77-3700-3980	30	100	DFT-QPSK	M	Outer_Full	100%	9.41	≤13	PASS
N77-3700-3980	30	100	DFT-16QAM	M	Outer_Full	100%	9.99	≤13	PASS

Test Graphs

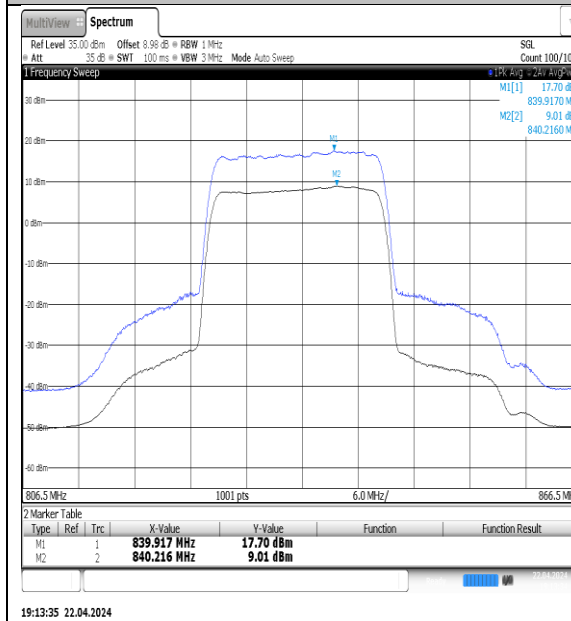




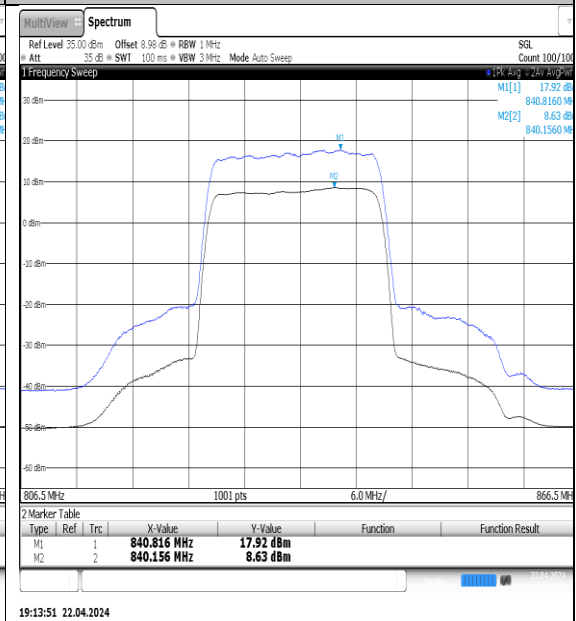
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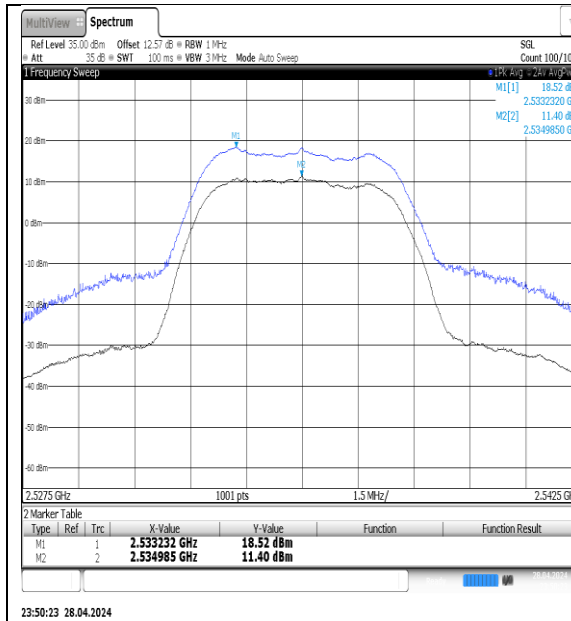
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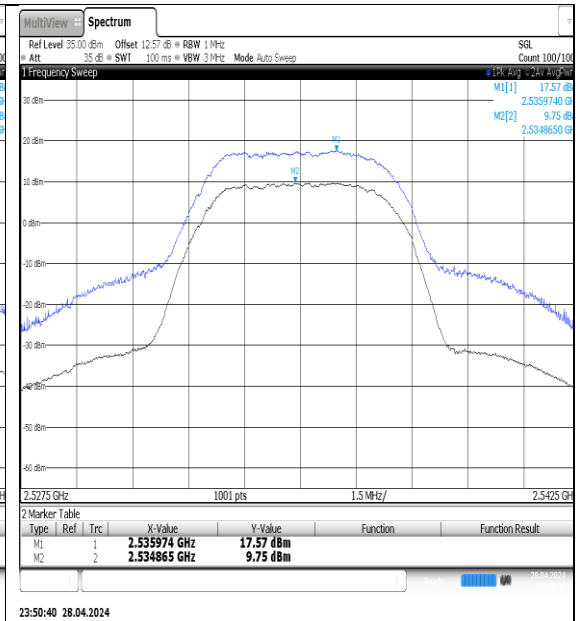
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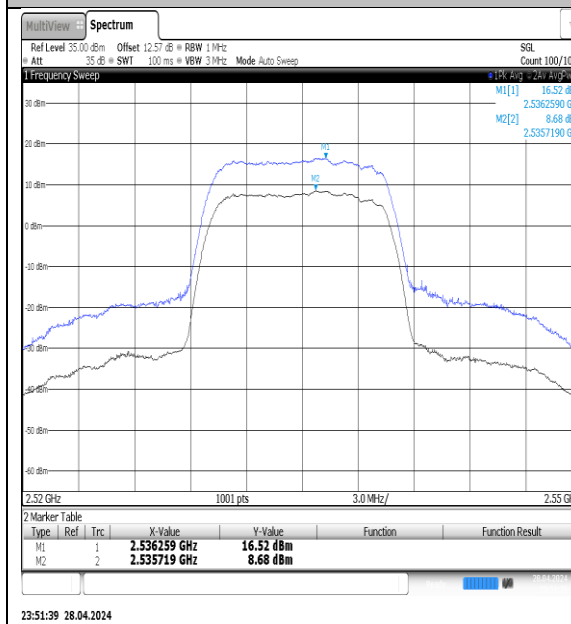
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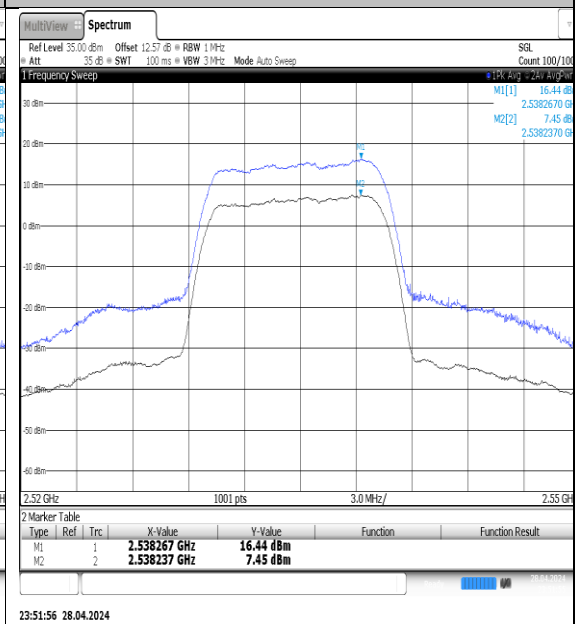
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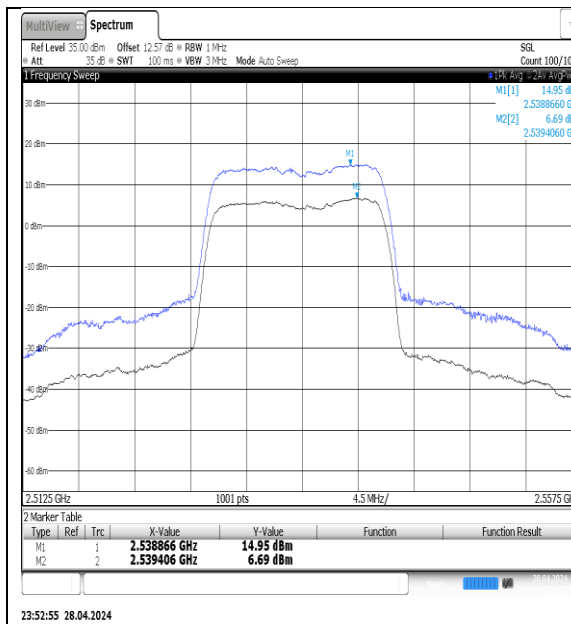
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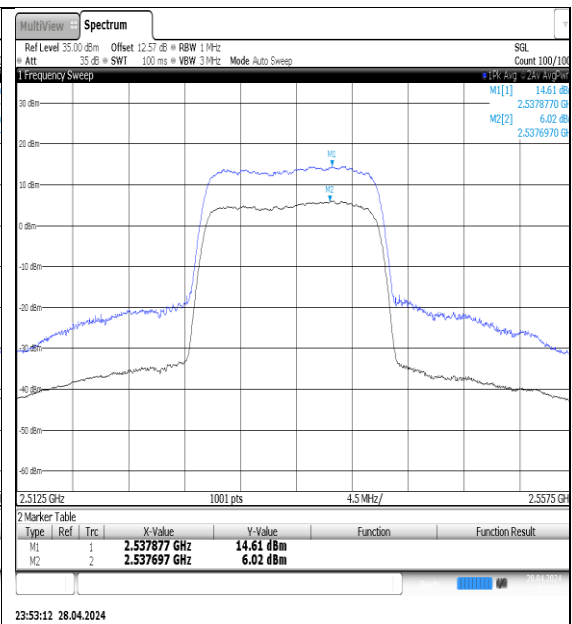
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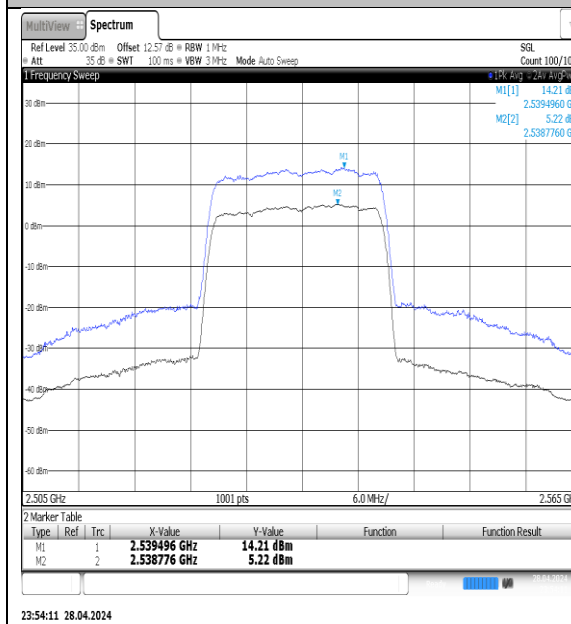
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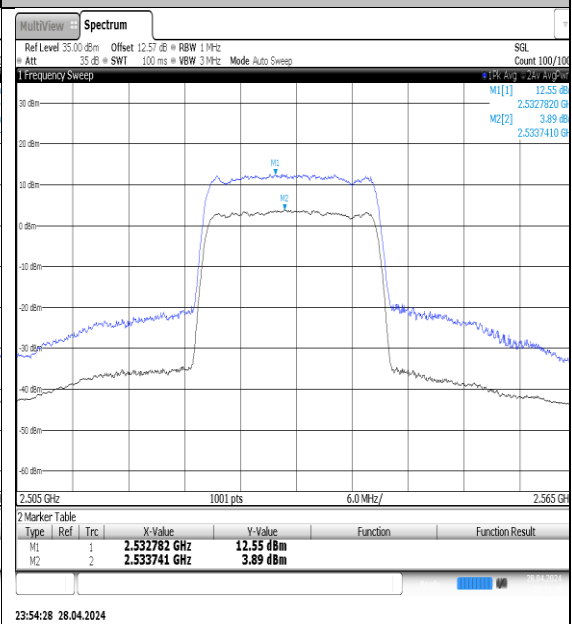
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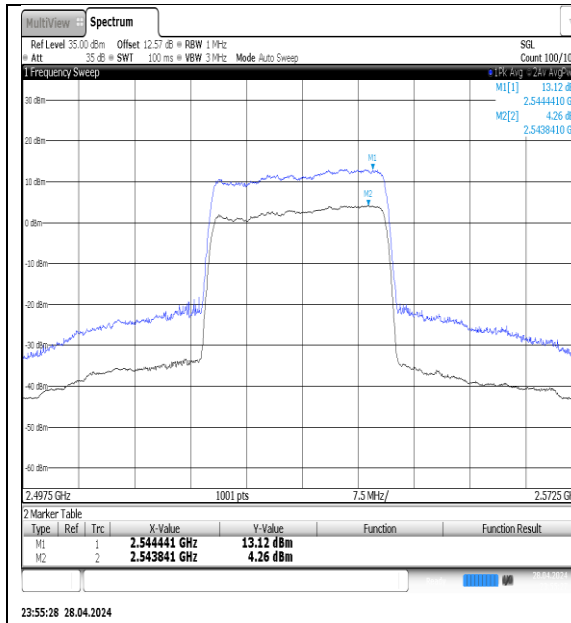
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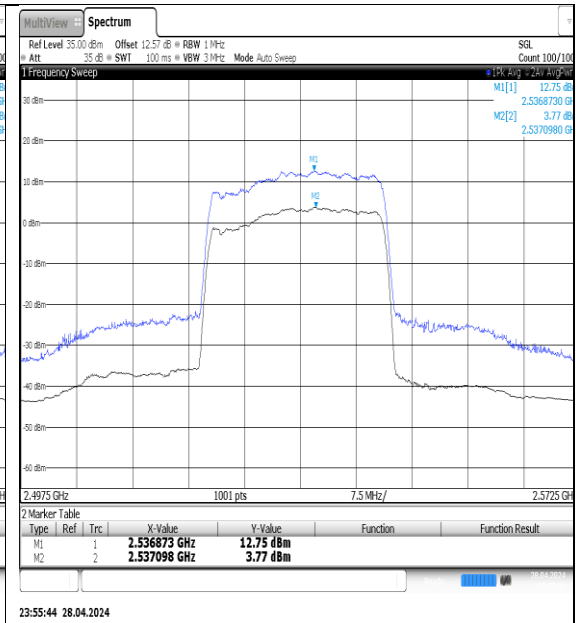
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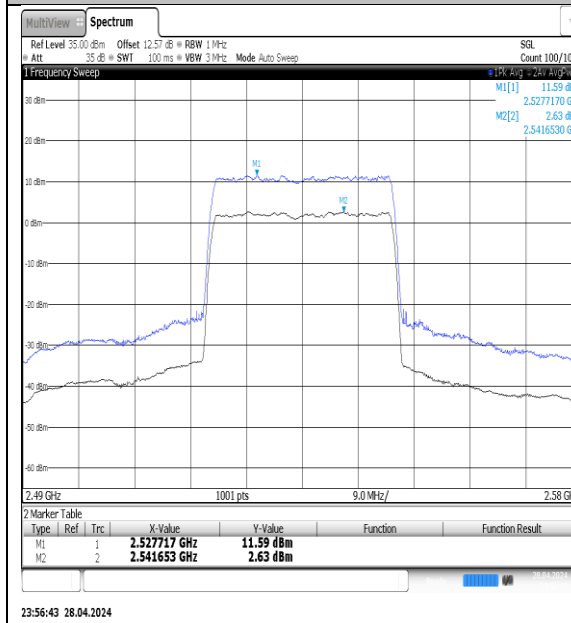
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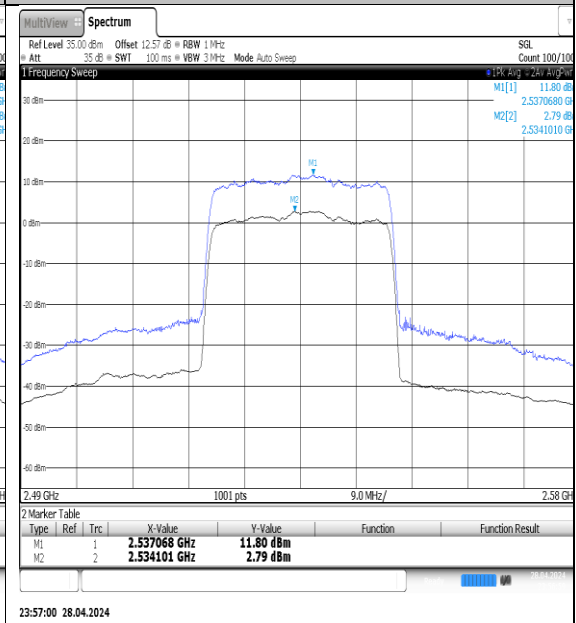
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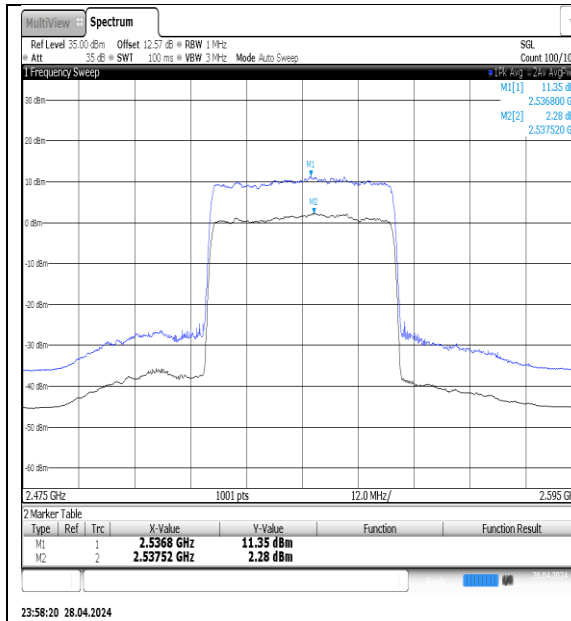
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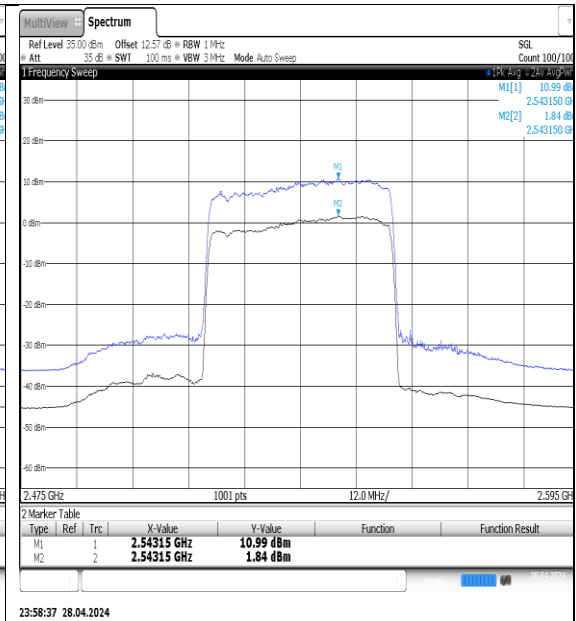
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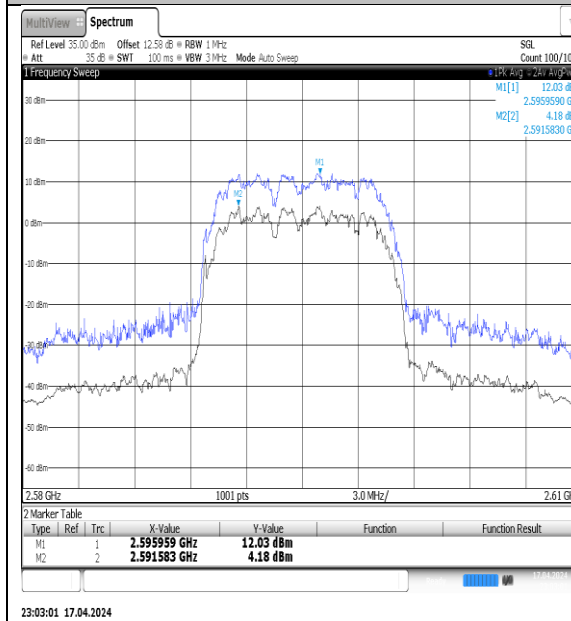
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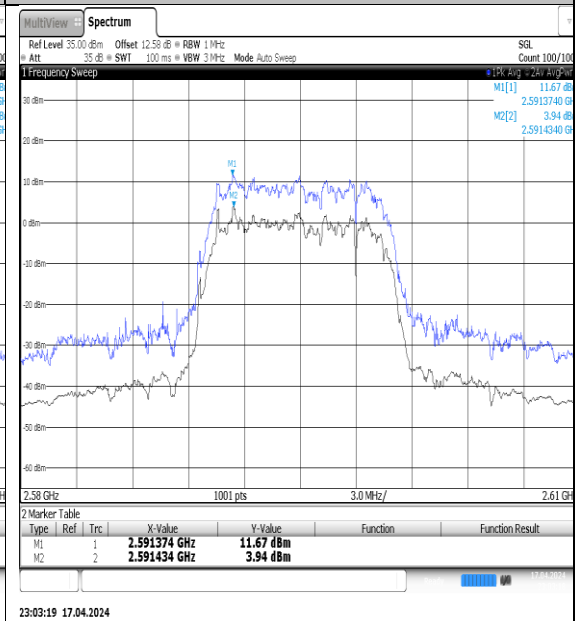
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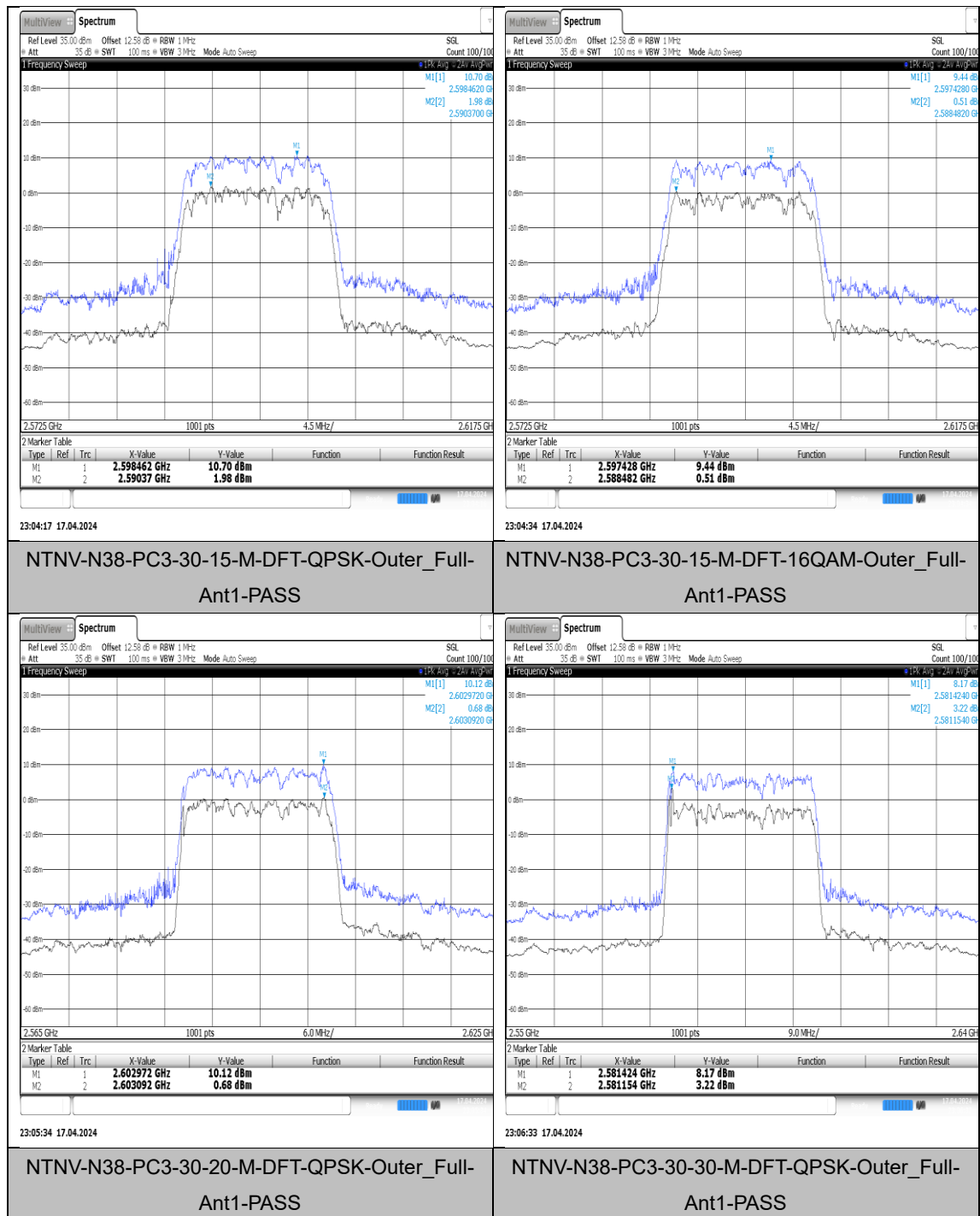
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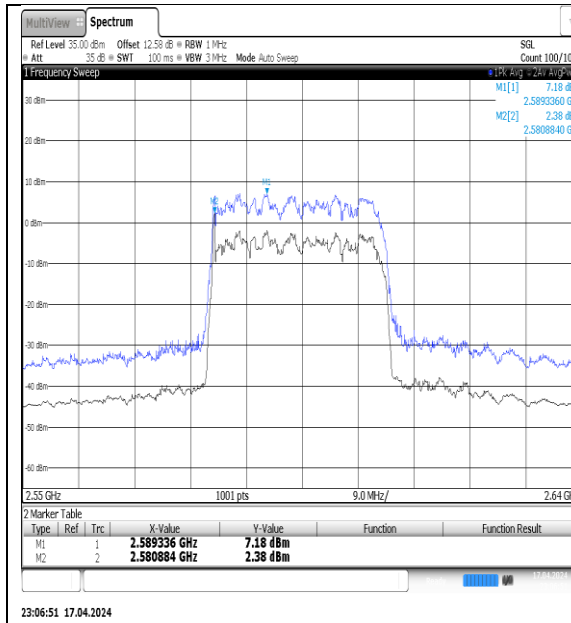


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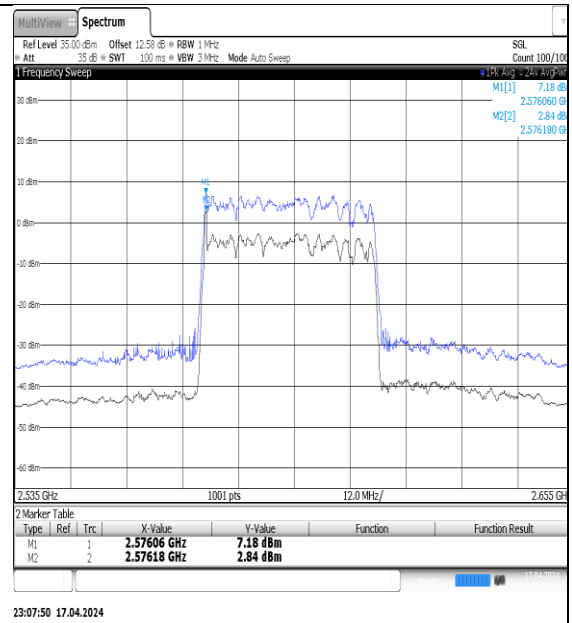


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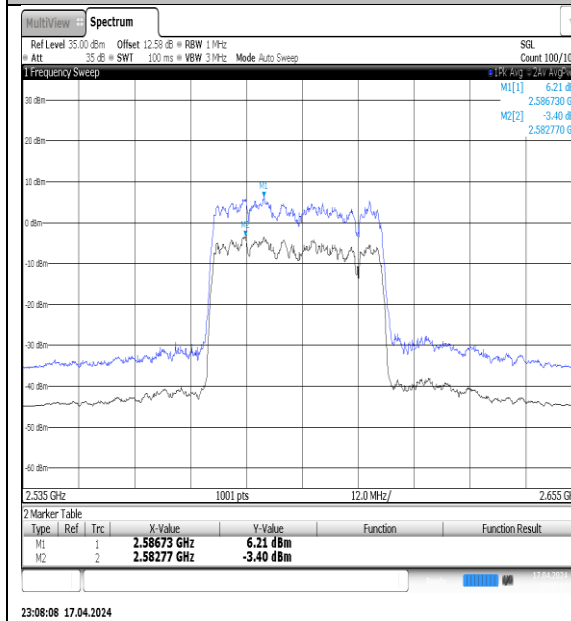




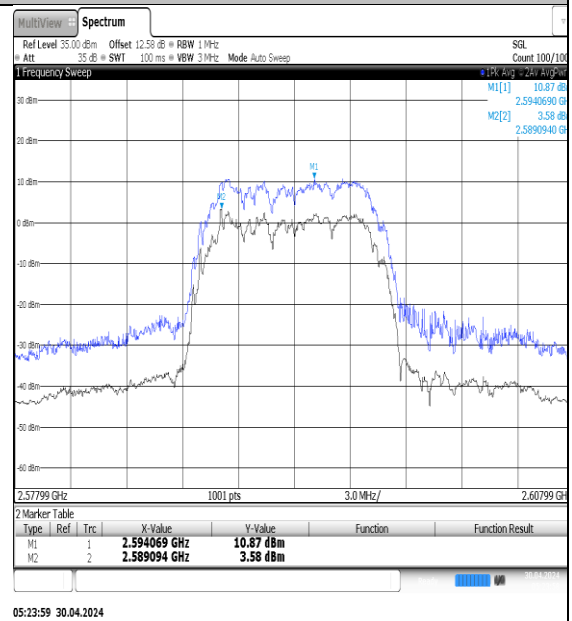
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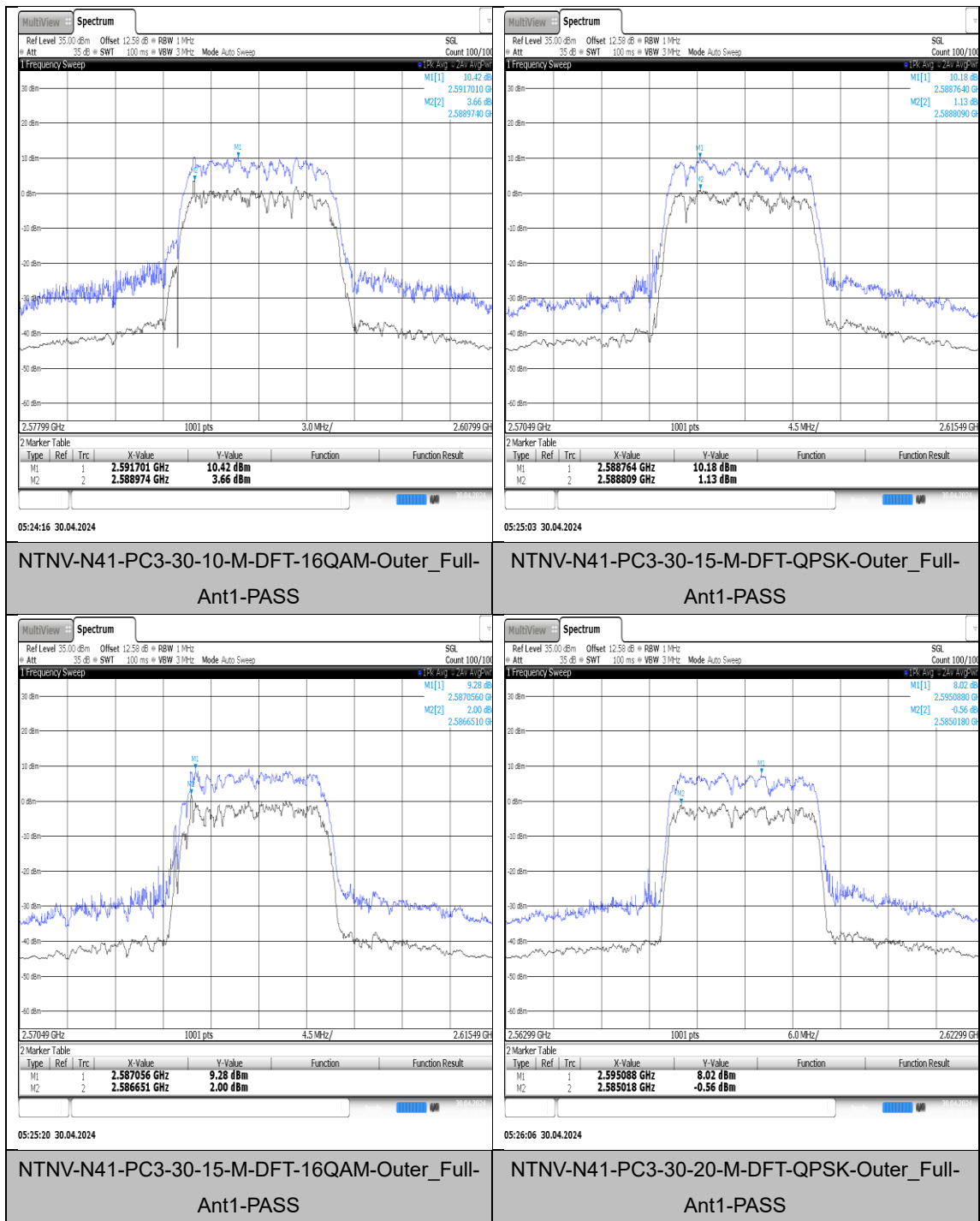
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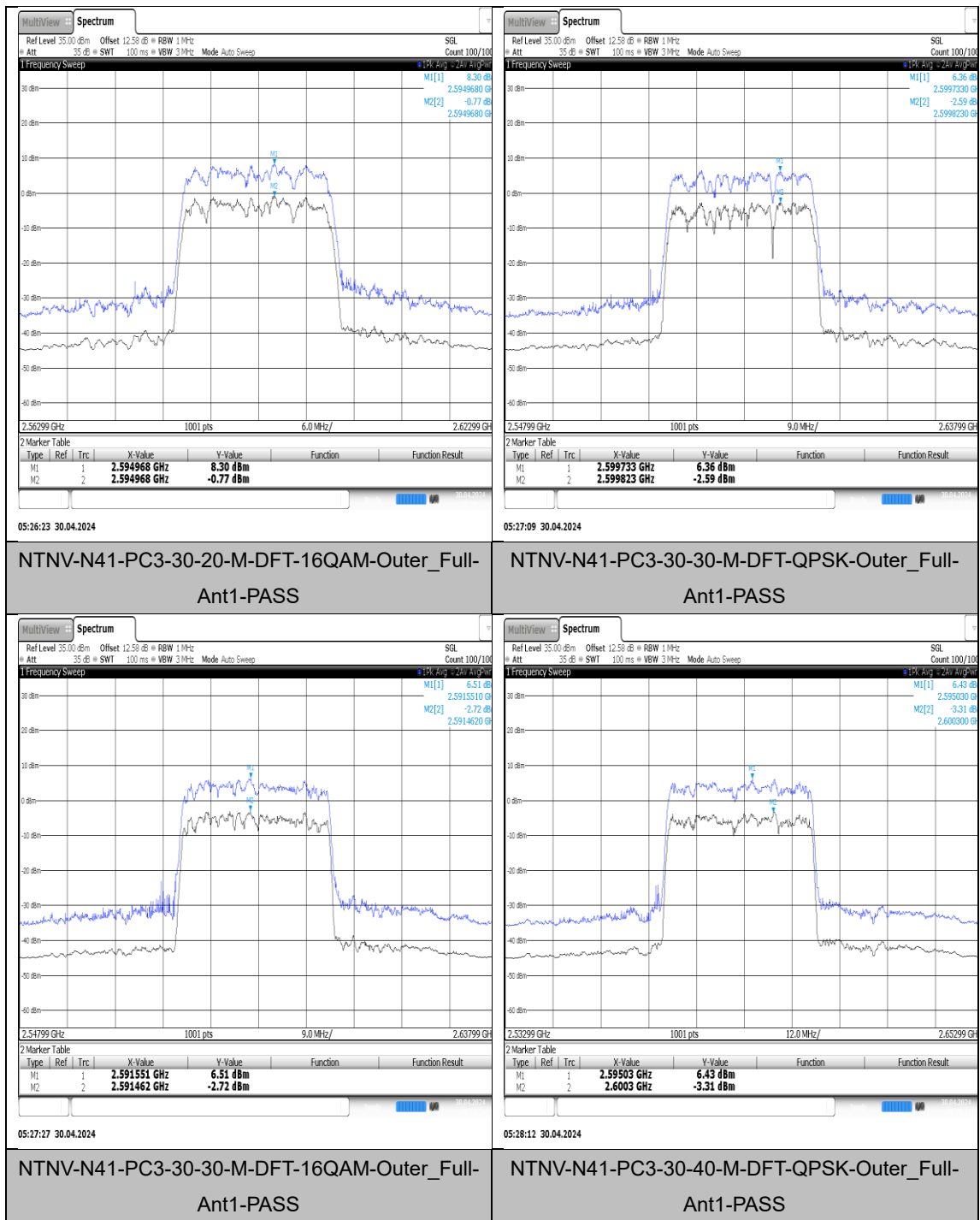


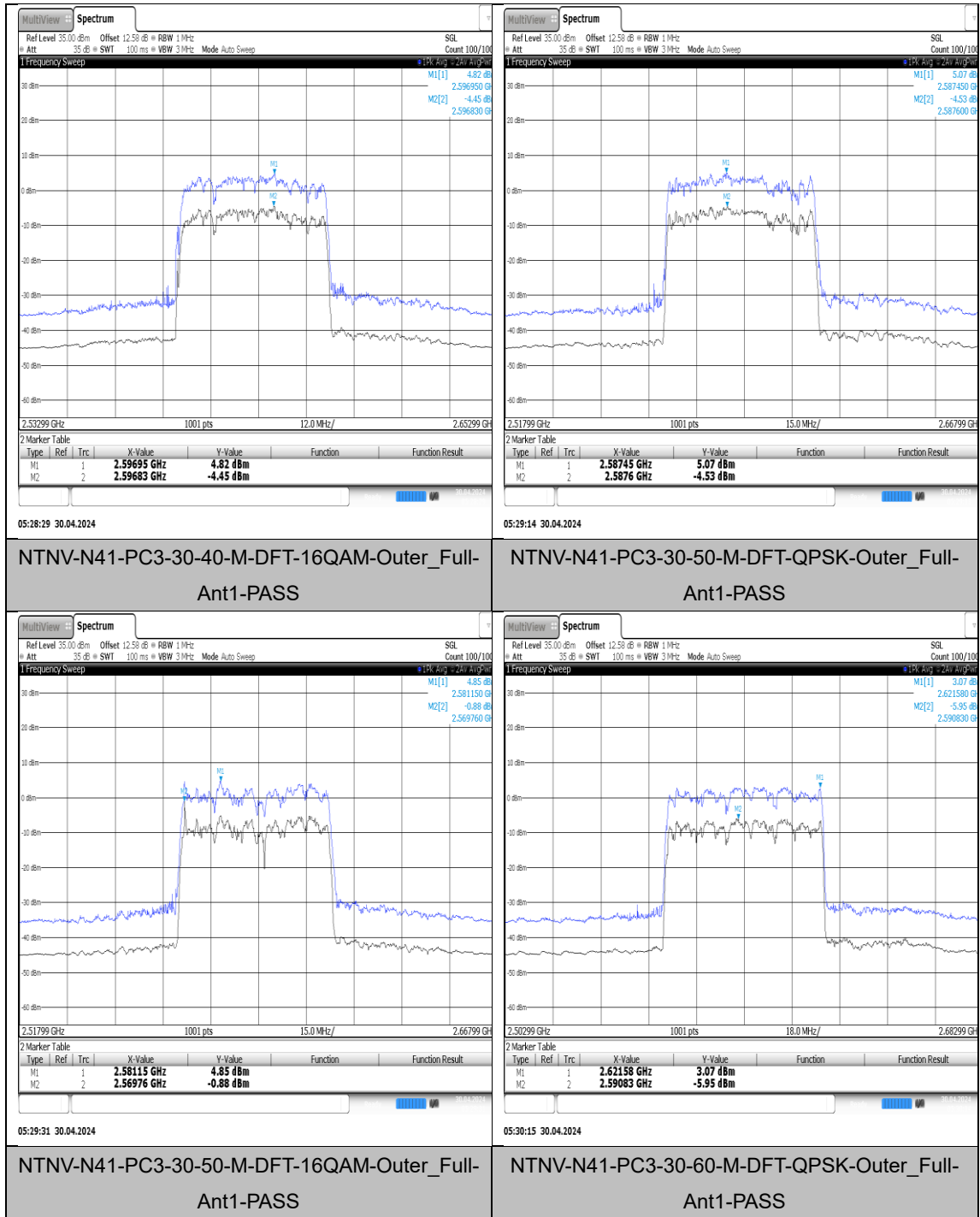
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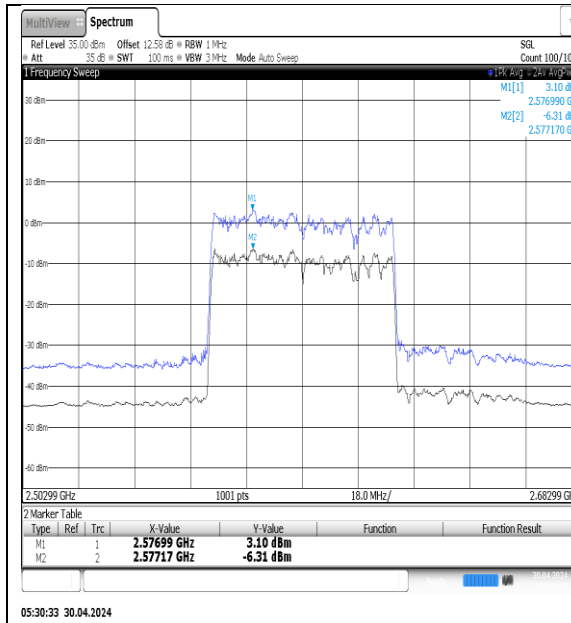


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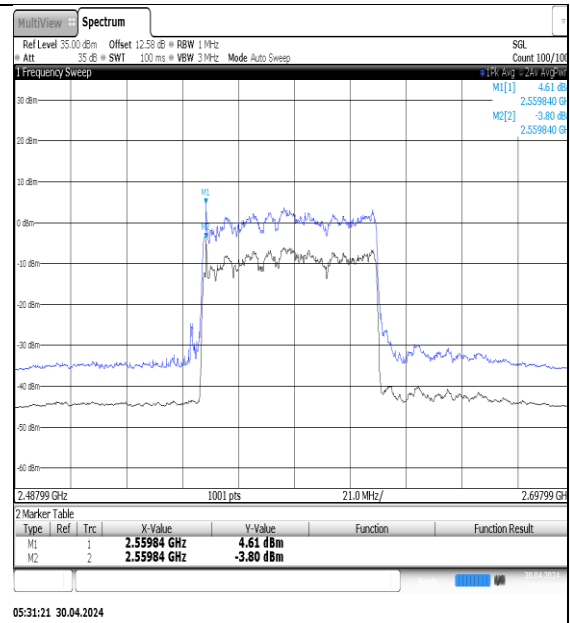




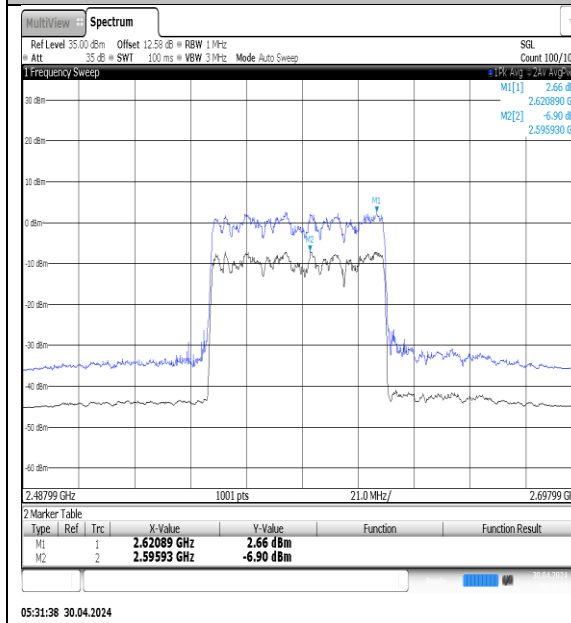




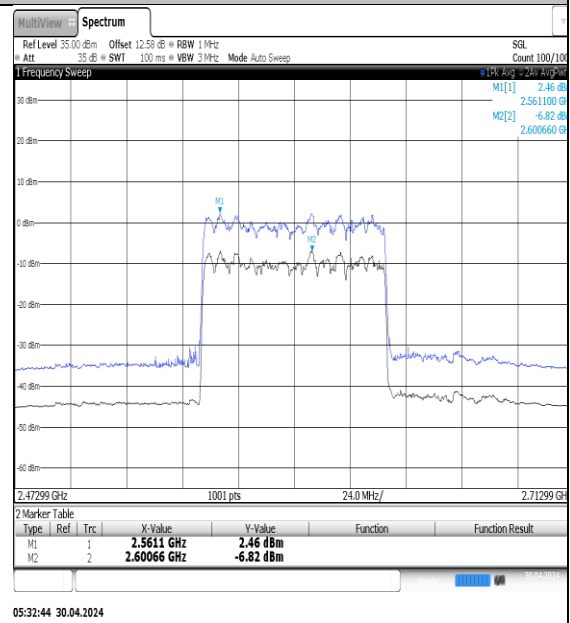
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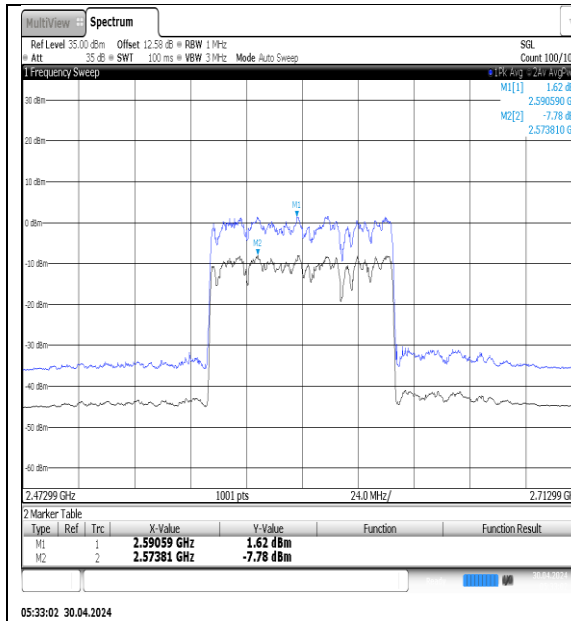
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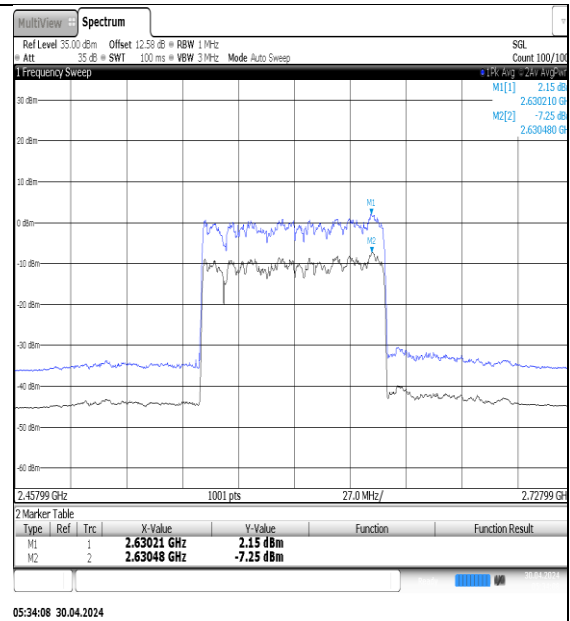
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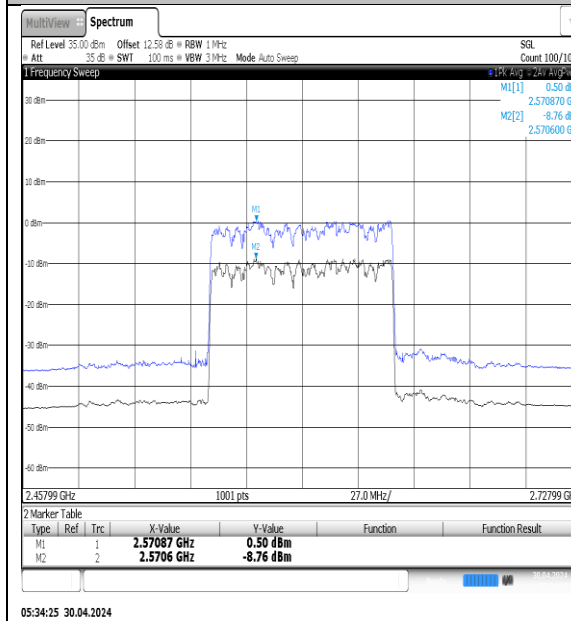
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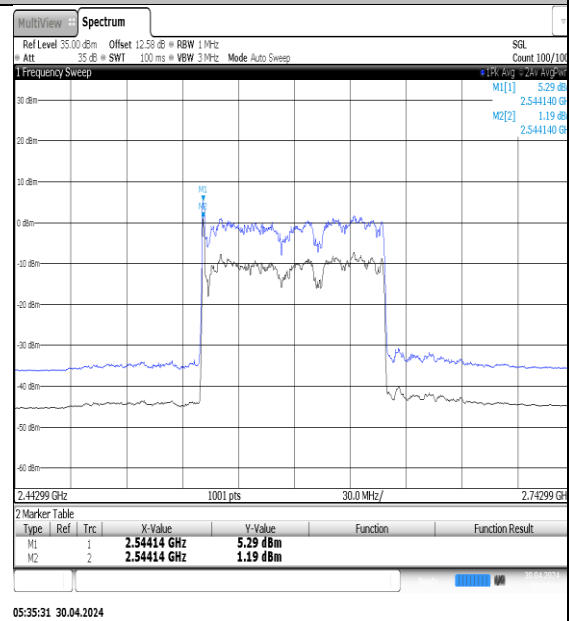
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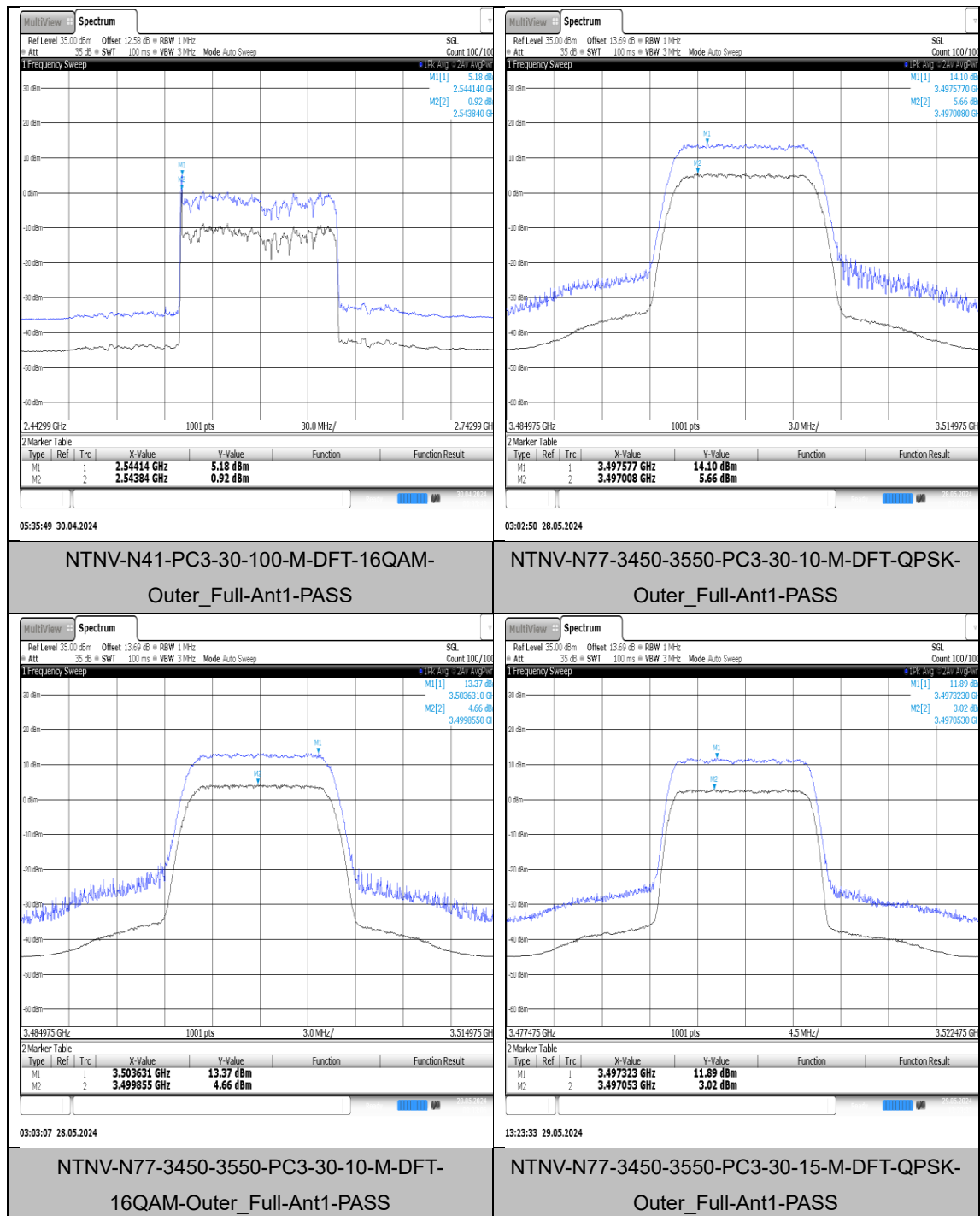
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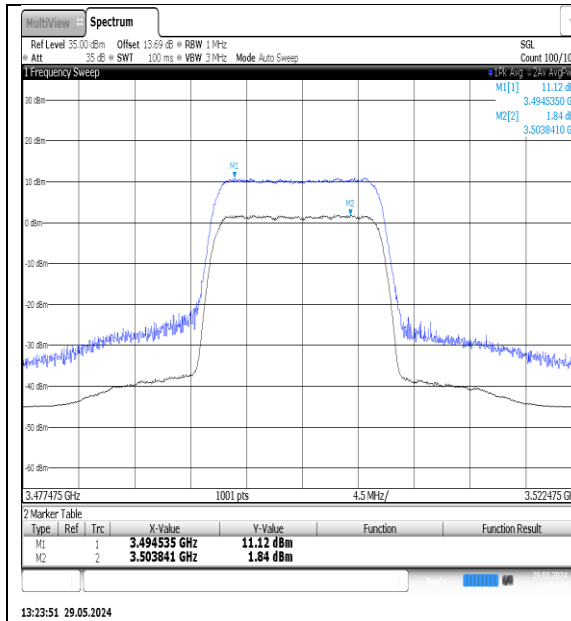


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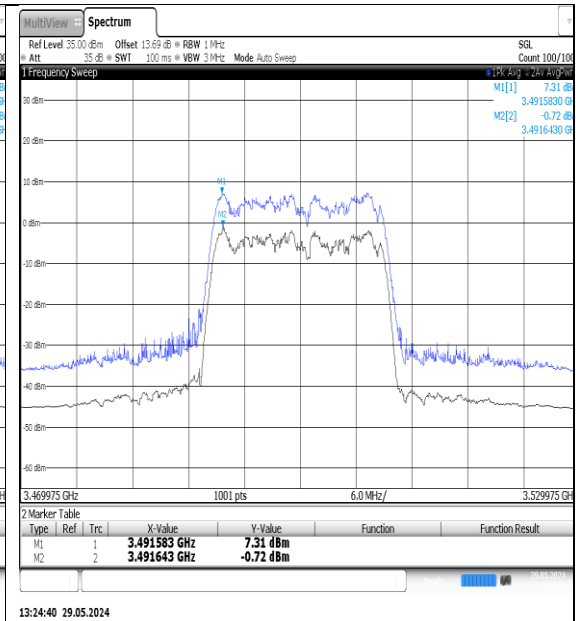


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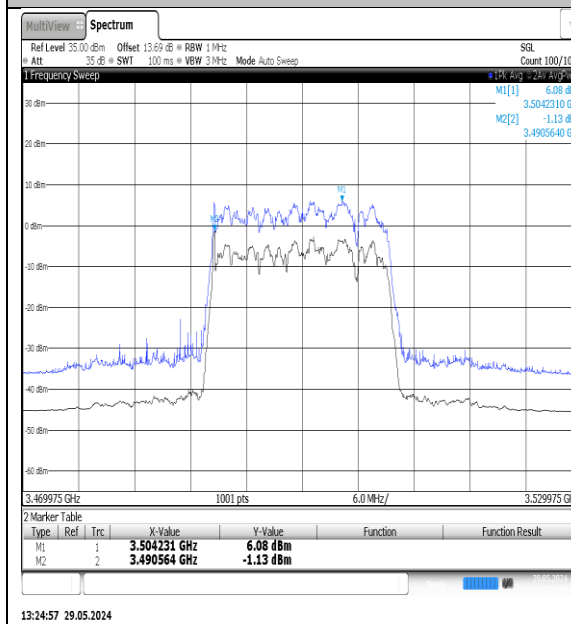




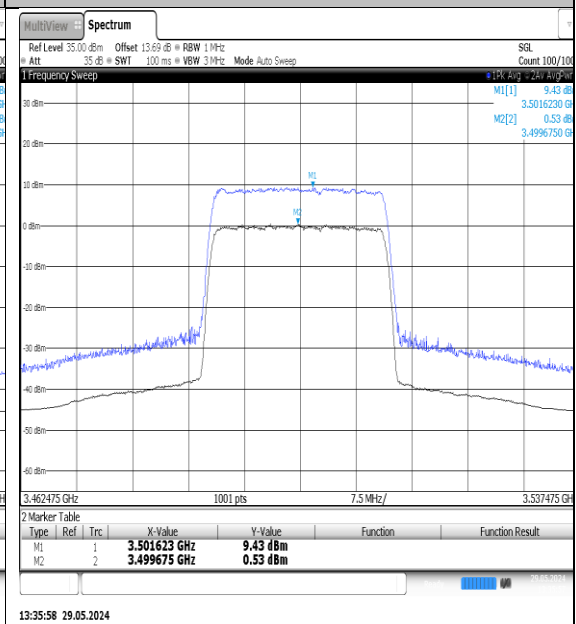
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16QAM-Outer_Full-Ant1-PASS



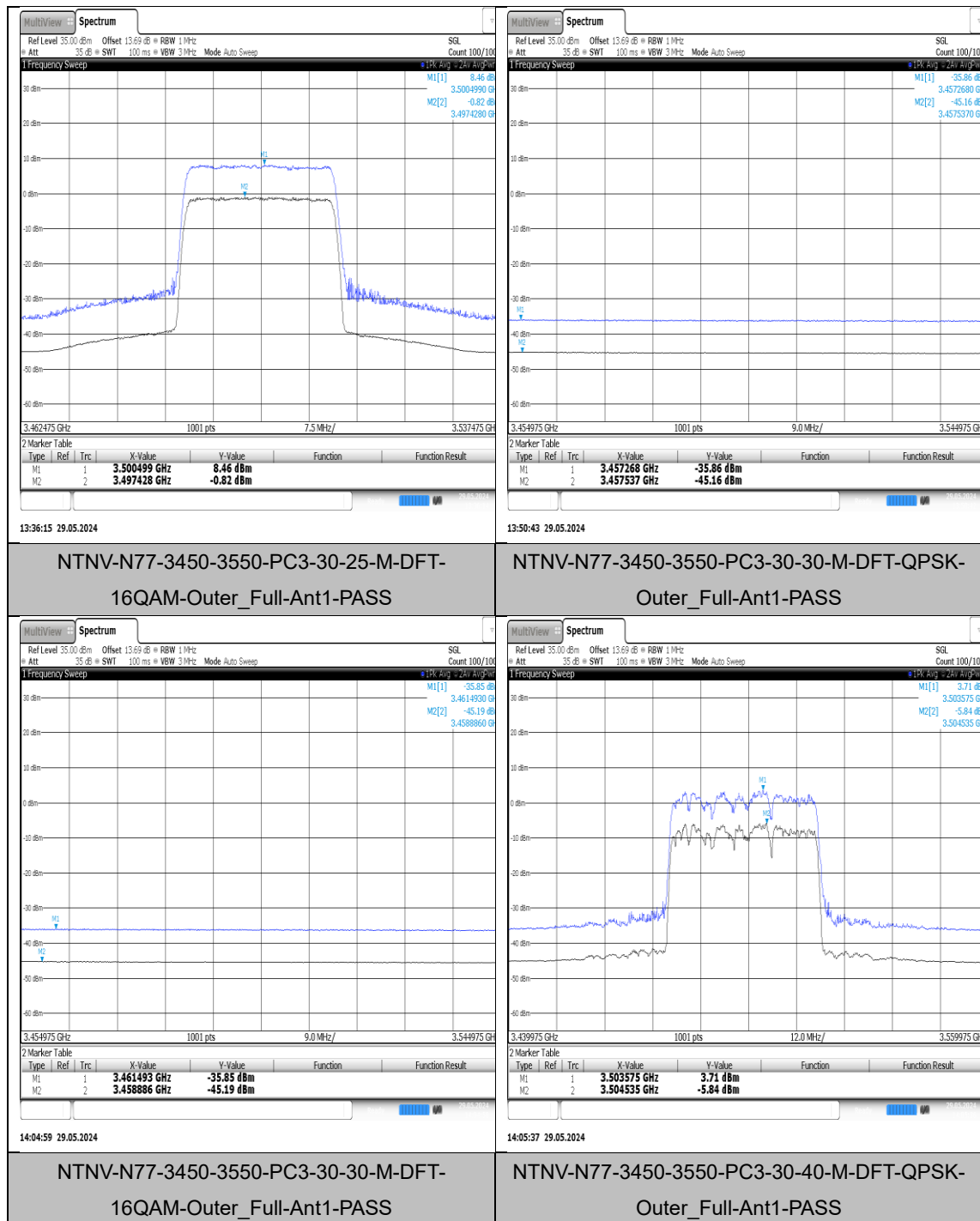
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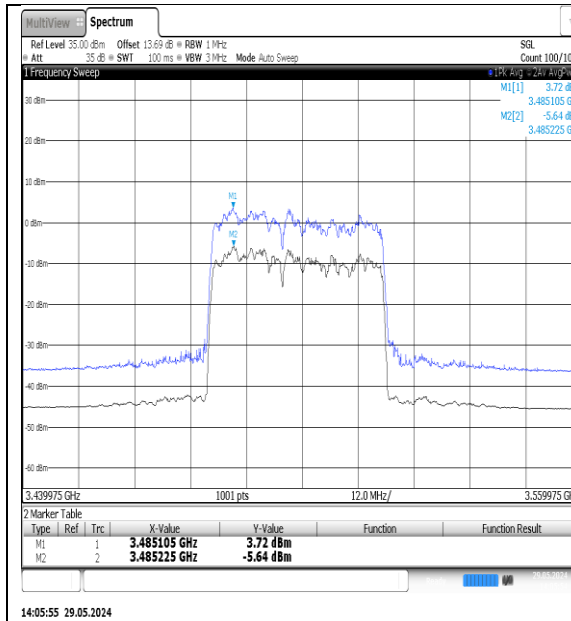


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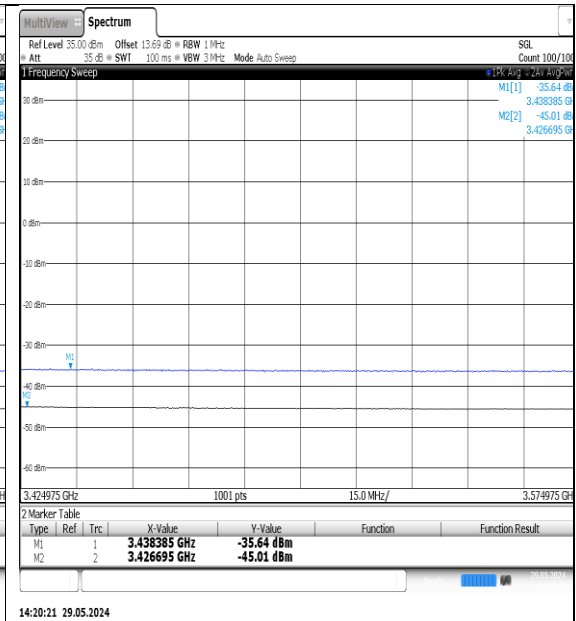


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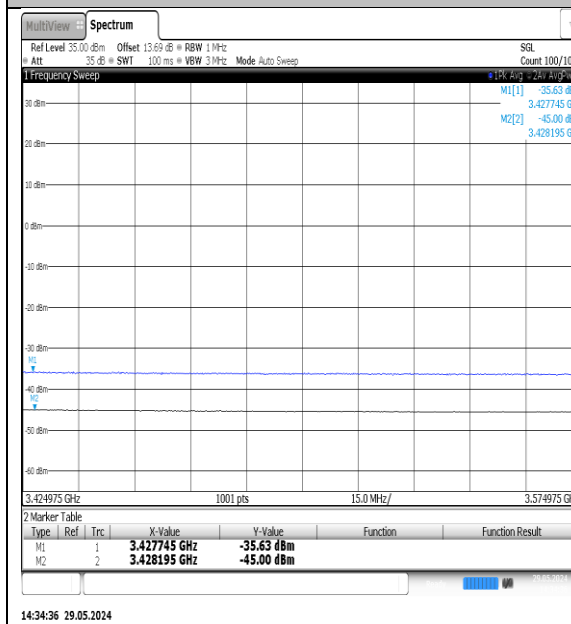




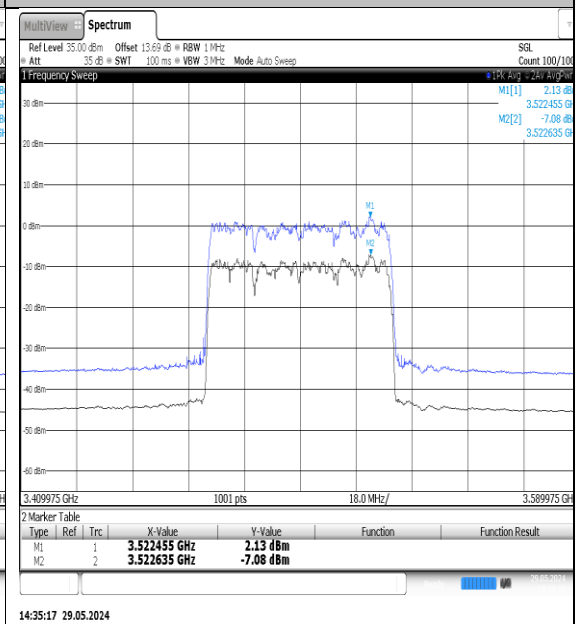
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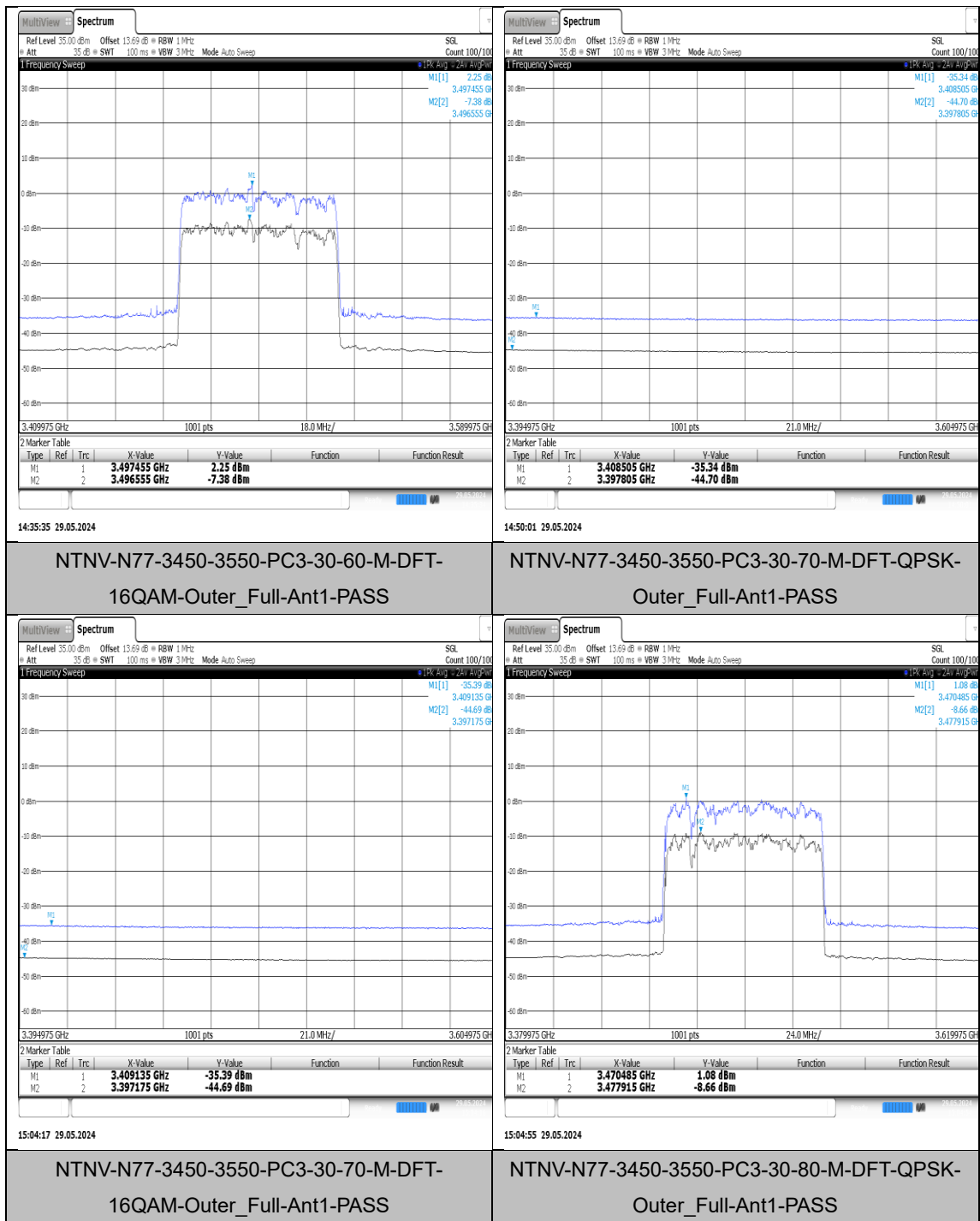
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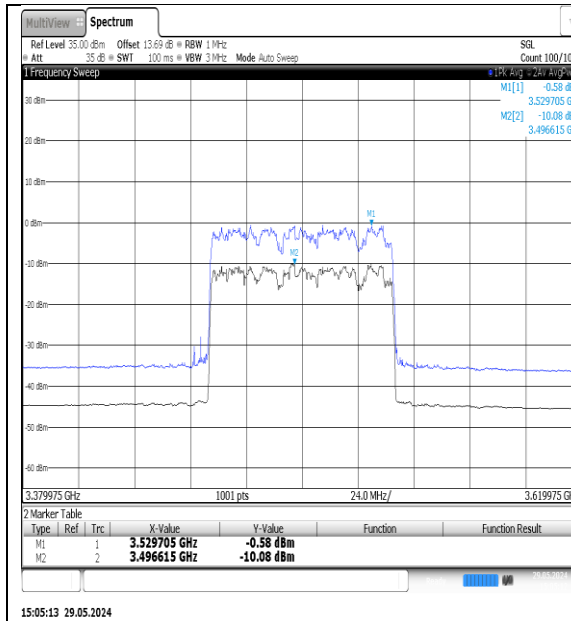


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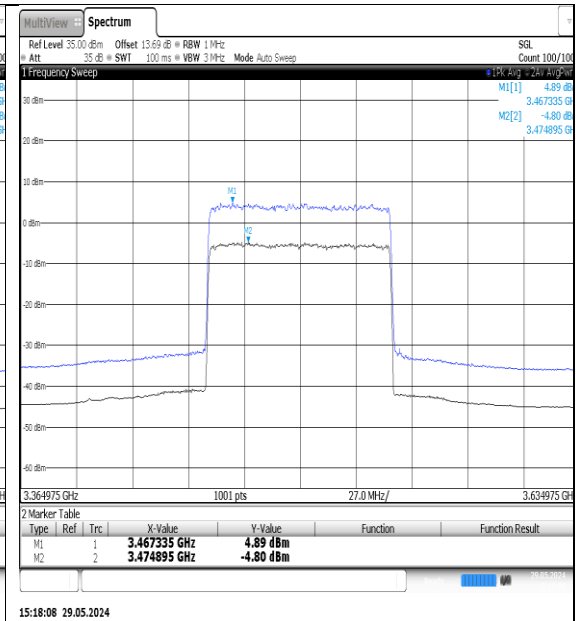


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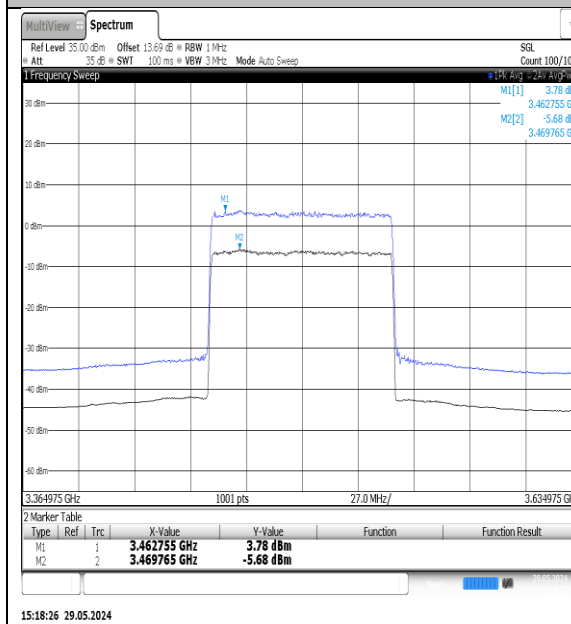




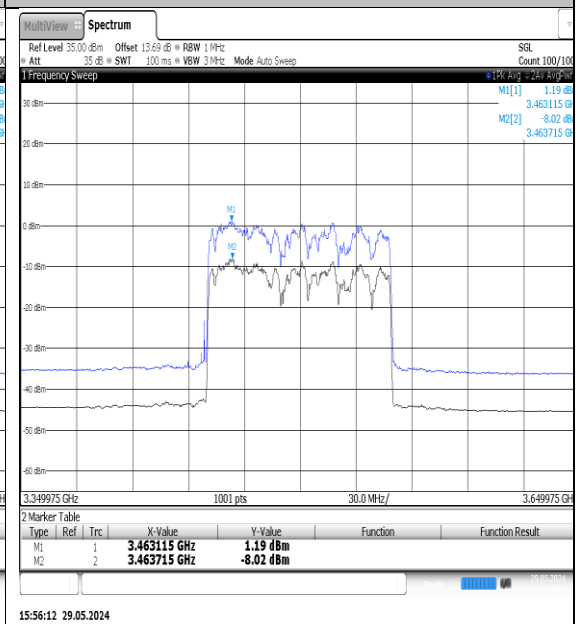
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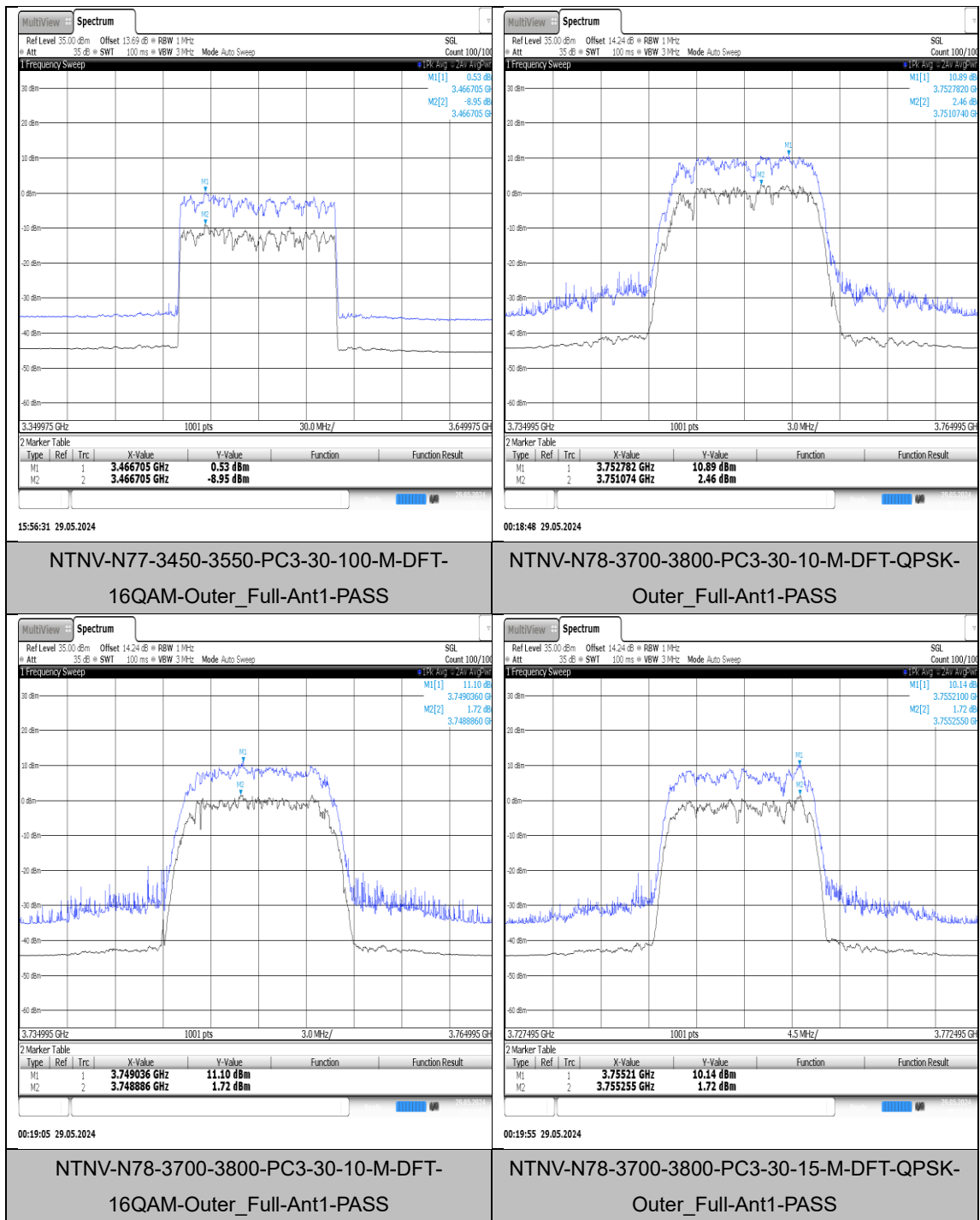
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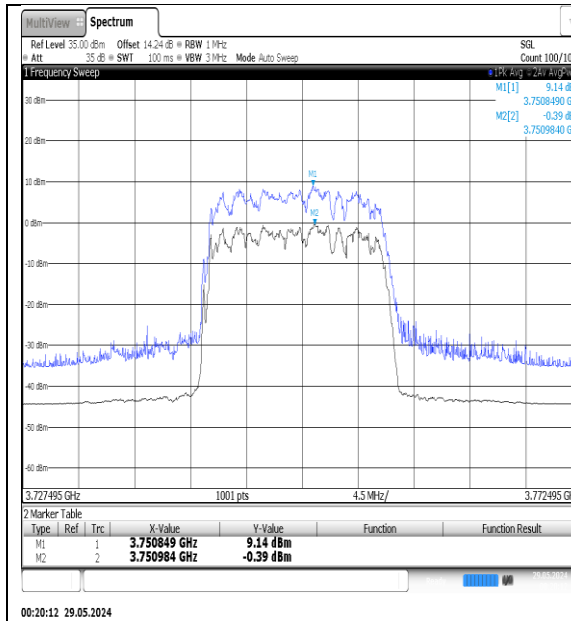


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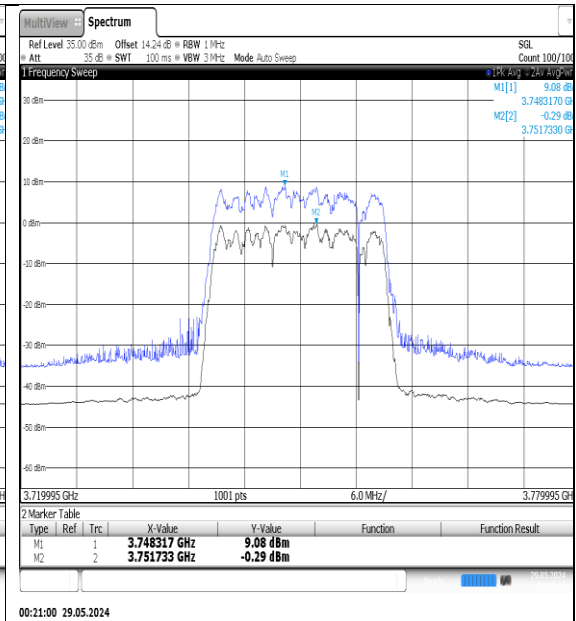


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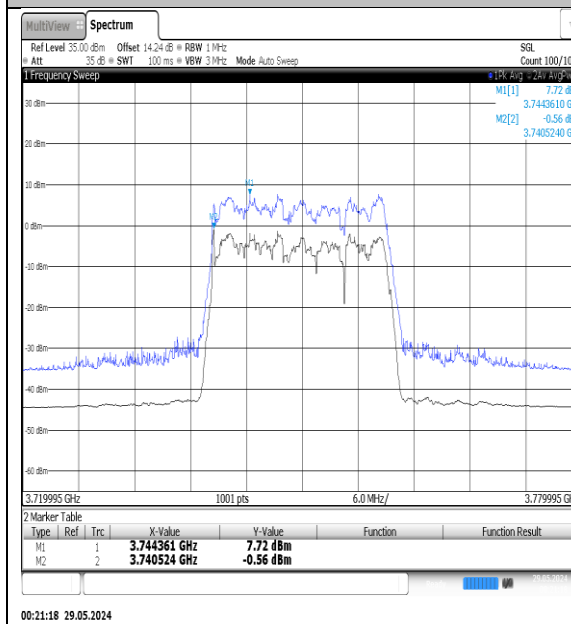




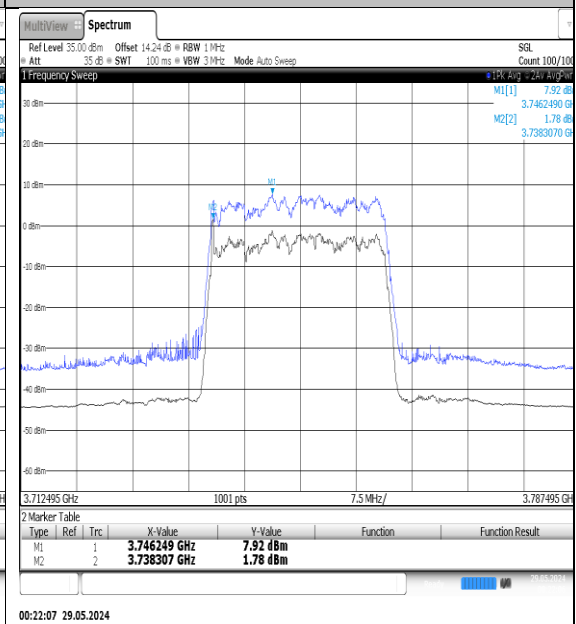
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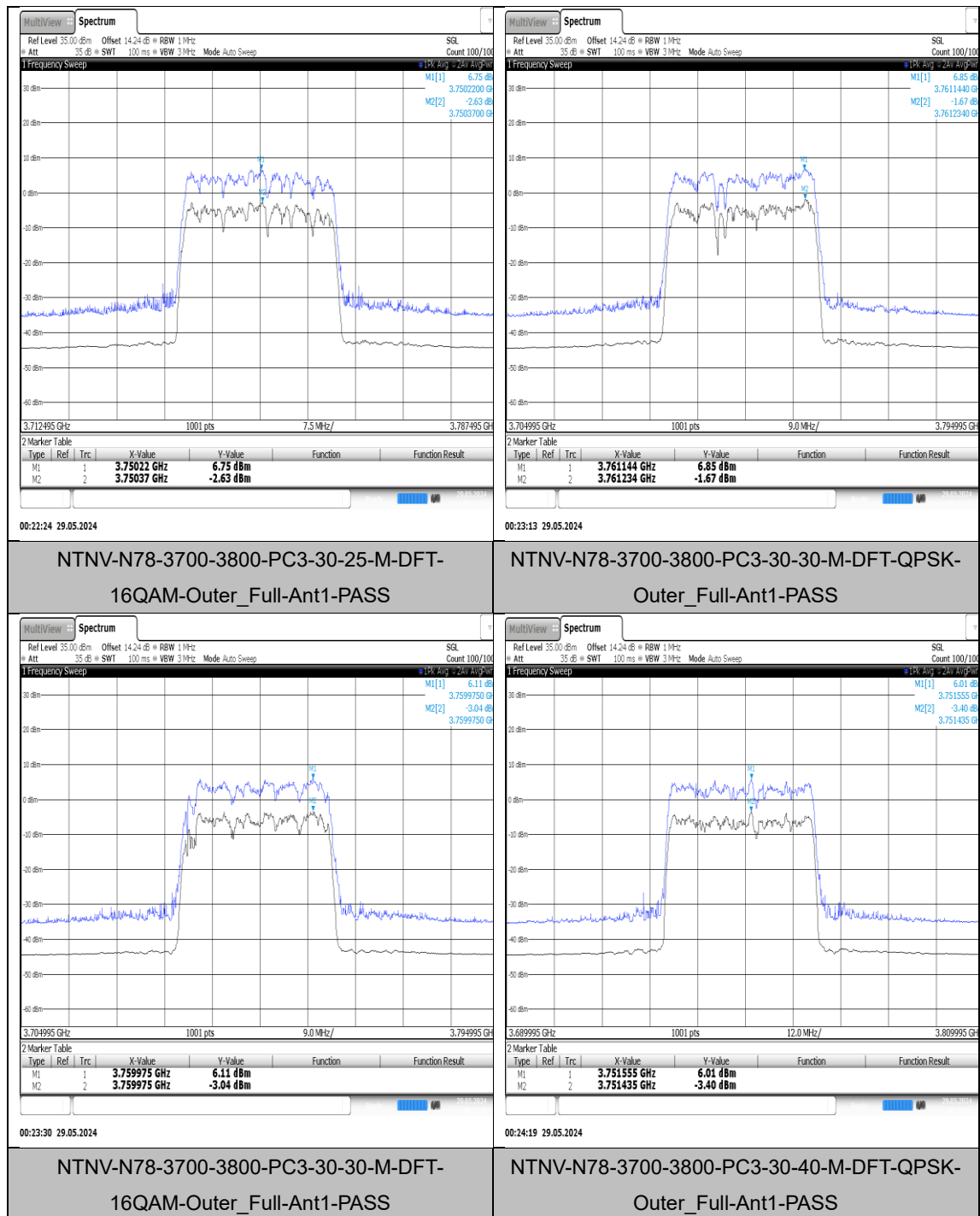
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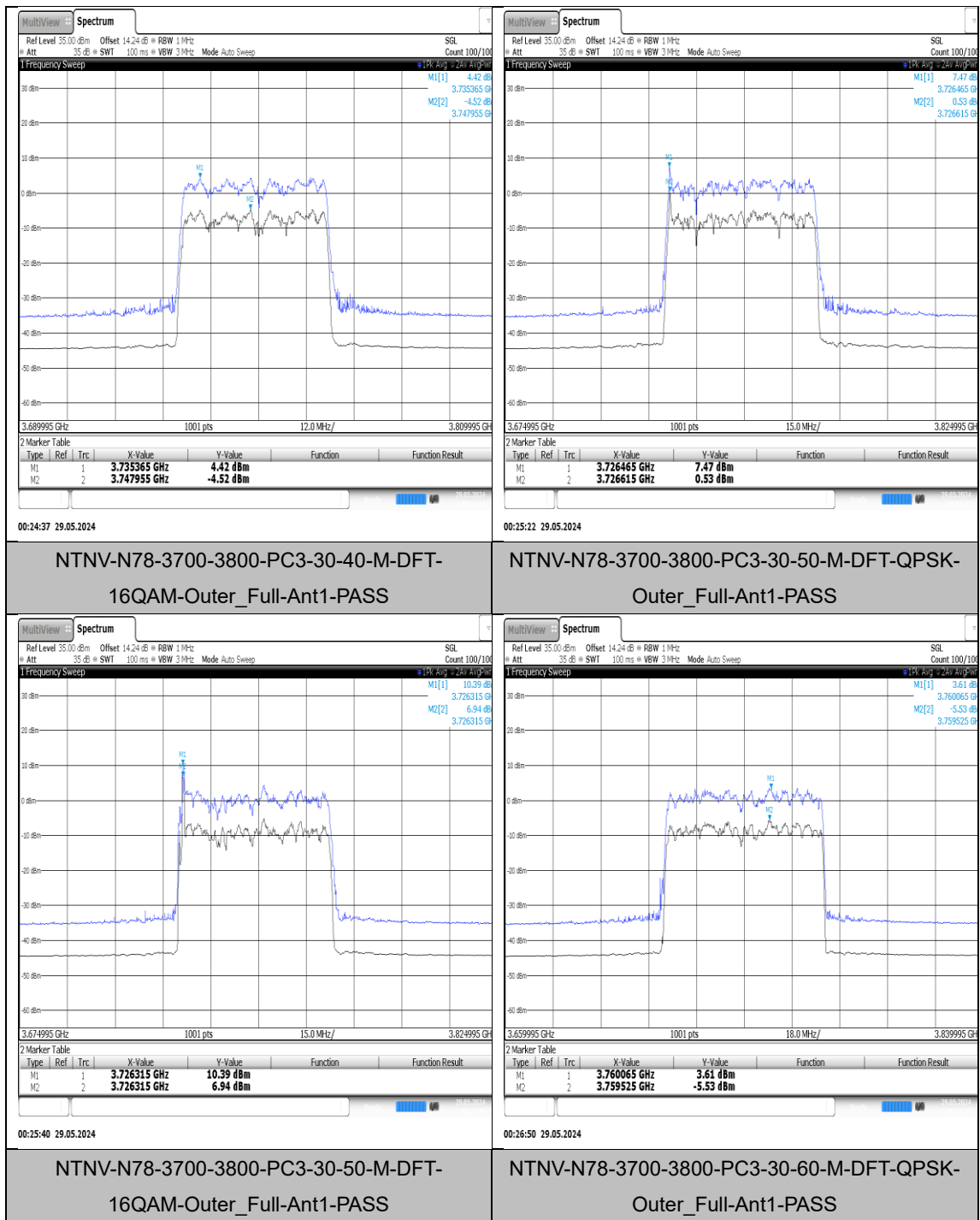


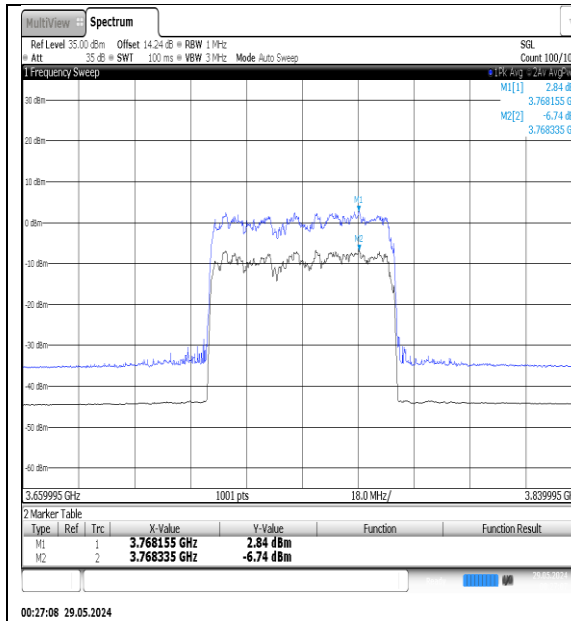
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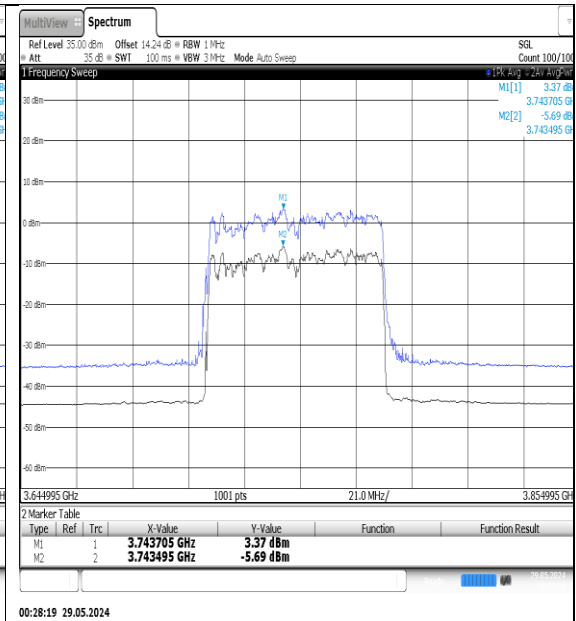
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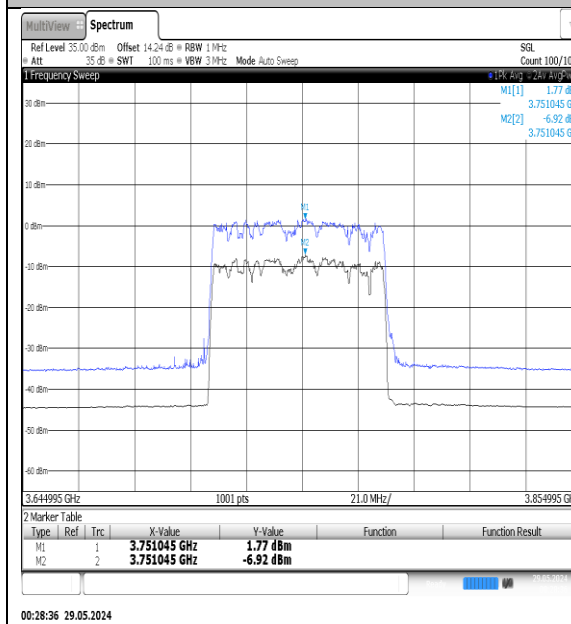




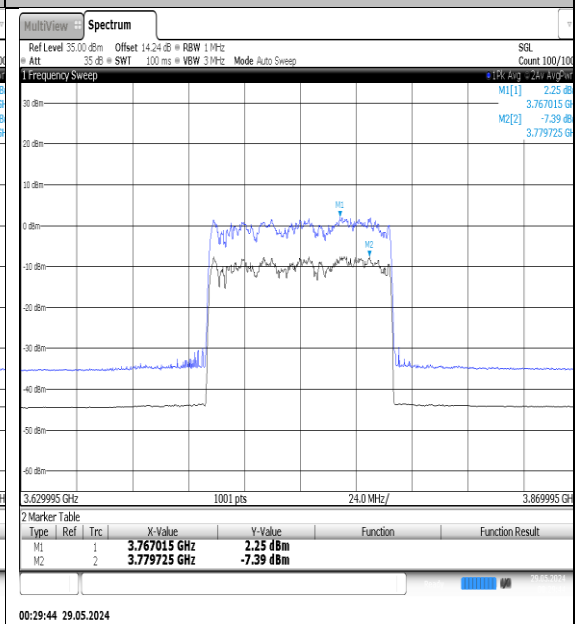
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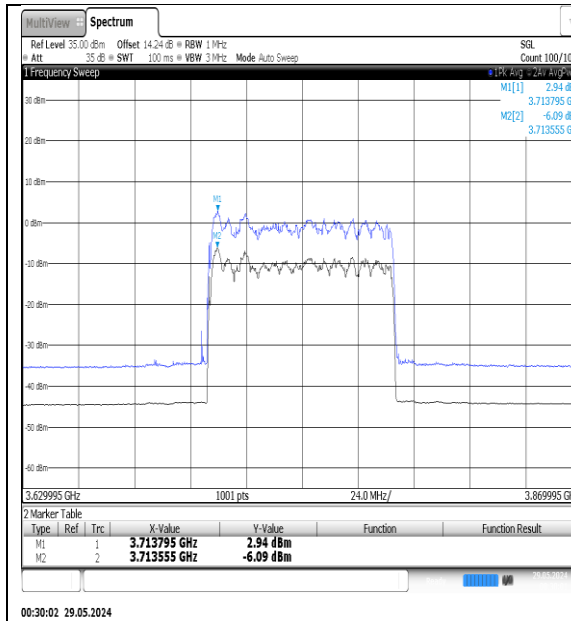
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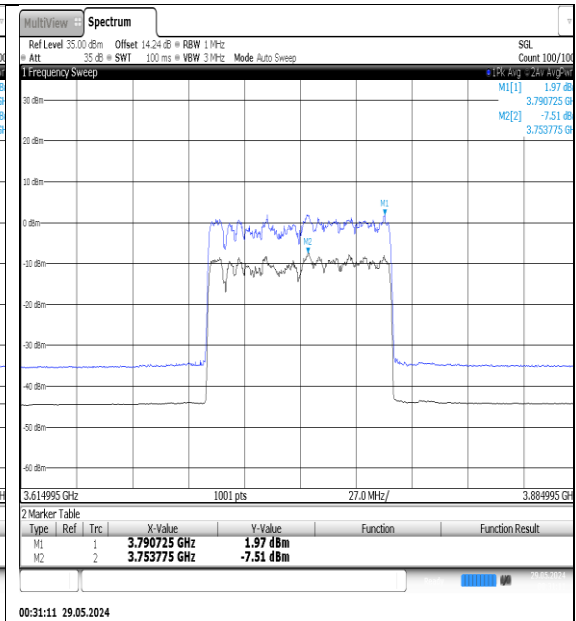
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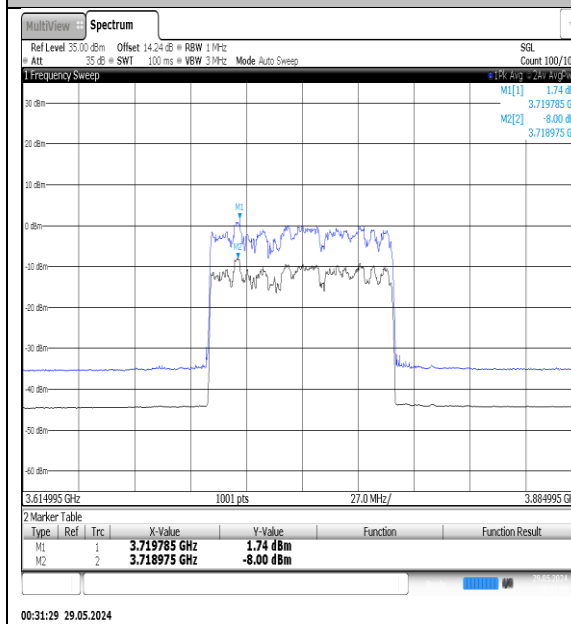
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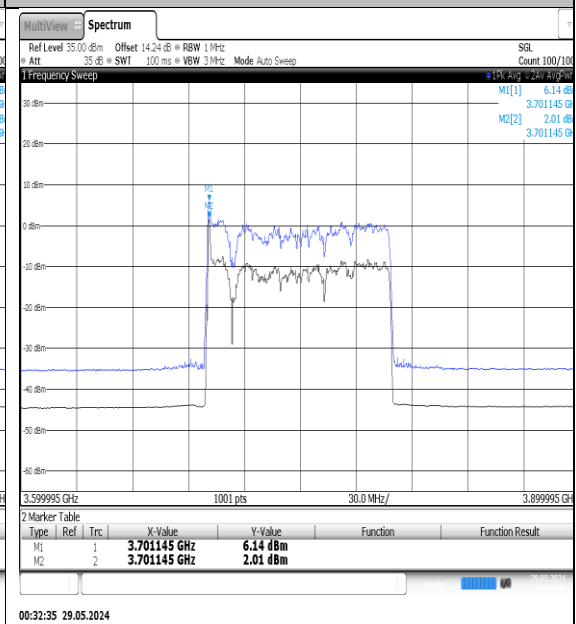
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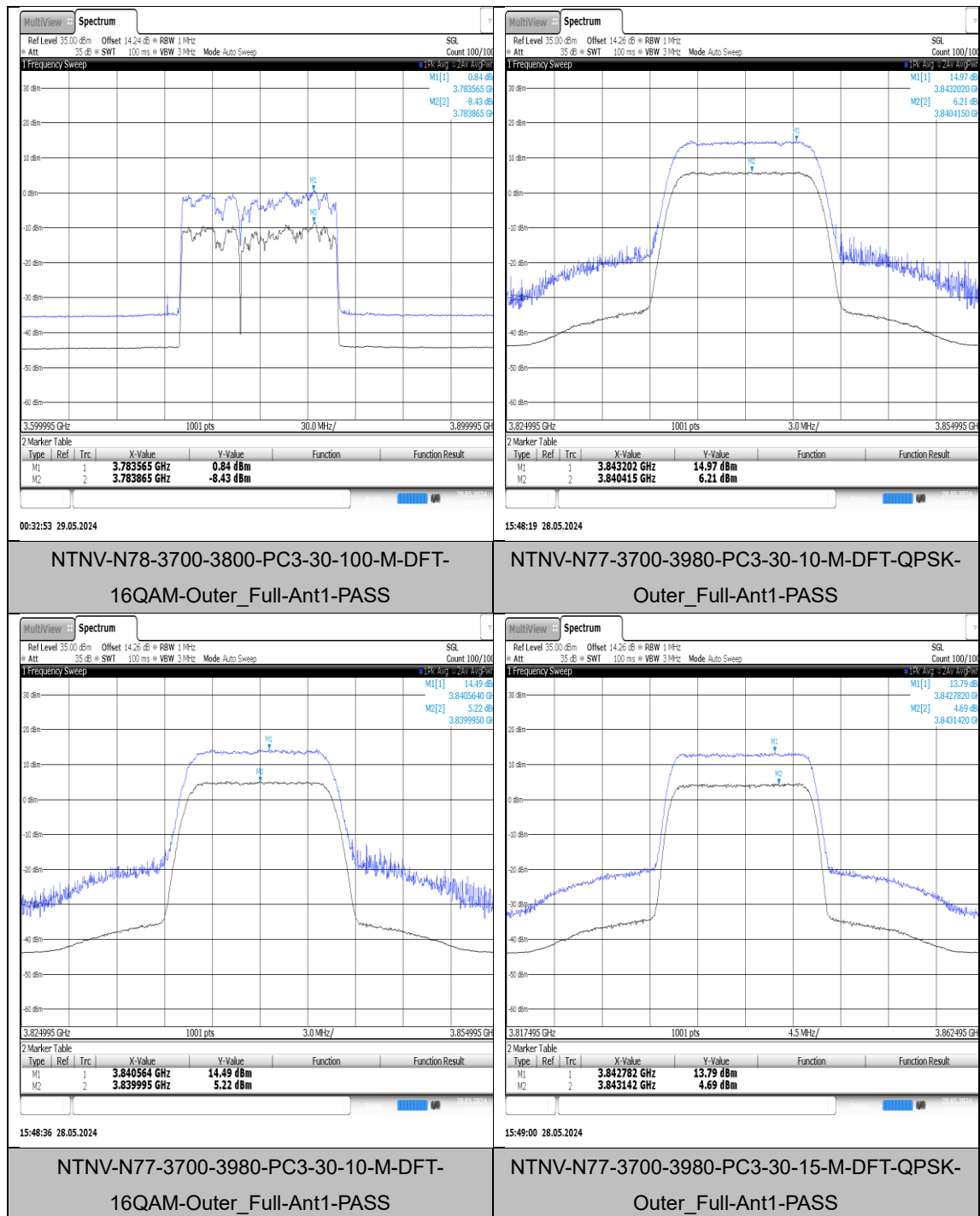
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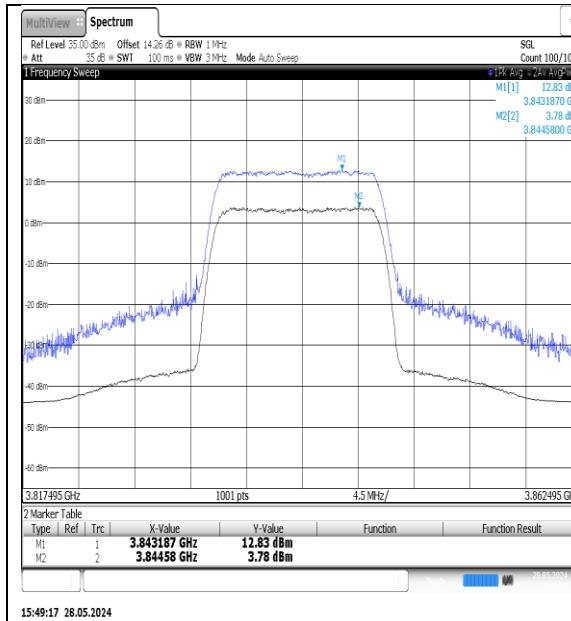


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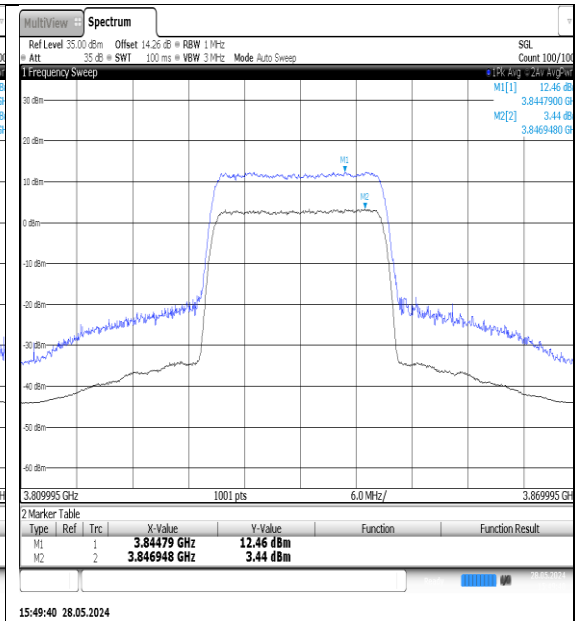


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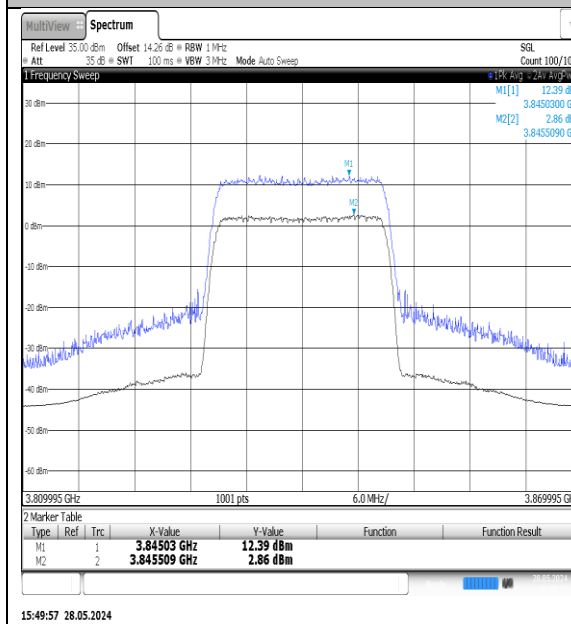




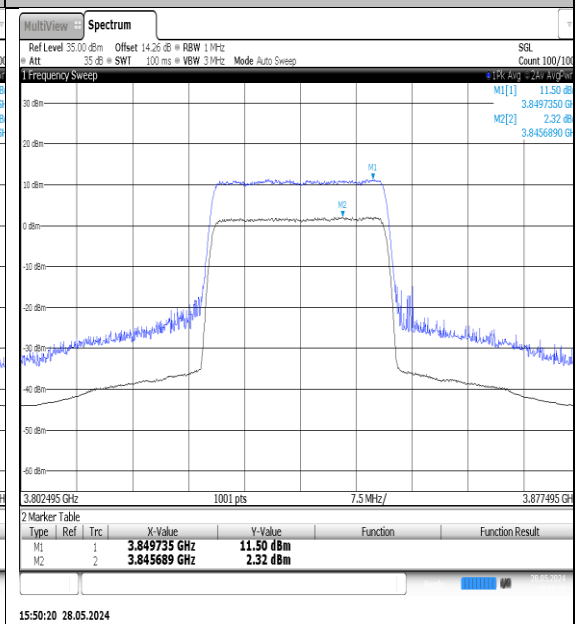
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16QAM-Outer_Full-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-20-M-DFT-QPSK-
Outer_Full-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-20-M-DFT-
16QAM-Outer_Full-Ant1-PASS



NTNV-N77-3700-3980-PC3-30-25-M-DFT-QPSK-
Outer_Full-Ant1-PASS

