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Appendix B.23

NR Band n26(824-849)



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

Ant41

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm)	ERP (dBm)	Limit	Verdict
N26-824-849	15	5	DFT-QPSK	L	Inner_1RB_Left	24.66	16.77	38.45	PASS
N26-824-849	15	5	DFT-16QAM	L	Inner_1RB_Left	23.60	15.71	38.45	PASS
N26-824-849	15	5	DFT-QPSK	M	Inner_1RB_Left	24.49	16.60	38.45	PASS
N26-824-849	15	5	DFT-16QAM	M	Inner_1RB_Left	23.46	15.57	38.45	PASS
N26-824-849	15	5	DFT-QPSK	H	Inner_1RB_Left	24.27	16.38	38.45	PASS
N26-824-849	15	5	DFT-16QAM	H	Inner_1RB_Left	23.21	15.32	38.45	PASS
N26-824-849	15	10	DFT-QPSK	L	Inner_1RB_Left	24.60	16.71	38.45	PASS
N26-824-849	15	10	DFT-16QAM	L	Inner_1RB_Left	23.52	15.63	38.45	PASS
N26-824-849	15	10	DFT-QPSK	M	Inner_1RB_Left	24.55	16.66	38.45	PASS
N26-824-849	15	10	DFT-16QAM	M	Inner_1RB_Left	23.47	15.58	38.45	PASS
N26-824-849	15	10	DFT-QPSK	H	Inner_1RB_Left	24.33	16.44	38.45	PASS
N26-824-849	15	10	DFT-16QAM	H	Inner_1RB_Left	23.25	15.36	38.45	PASS
N26-824-849	15	15	DFT-QPSK	L	Inner_1RB_Left	24.83	16.94	38.45	PASS
N26-824-849	15	15	DFT-16QAM	L	Inner_1RB_Left	23.62	15.73	38.45	PASS
N26-824-849	15	15	DFT-QPSK	M	Inner_1RB_Left	24.81	16.92	38.45	PASS
N26-824-849	15	15	DFT-16QAM	M	Inner_1RB_Left	23.50	15.61	38.45	PASS
N26-824-849	15	15	DFT-QPSK	H	Inner_1RB_Left	24.58	16.69	38.45	PASS
N26-824-849	15	15	DFT-16QAM	H	Inner_1RB_Left	23.44	15.55	38.45	PASS
N26-824-849	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	24.67	16.78	38.45	PASS
N26-824-849	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	24.39	16.50	38.45	PASS
N26-824-849	15	20	DFT-PI2BPSK	L	Outer_Full	24.05	16.16	38.45	PASS
N26-824-849	15	20	DFT-QPSK	L	Inner_1RB_Left	24.55	16.66	38.45	PASS
N26-824-849	15	20	DFT-QPSK	L	Inner_1RB_Right	24.25	16.36	38.45	PASS
N26-824-849	15	20	DFT-QPSK	L	Outer_Full	23.82	15.93	38.45	PASS
N26-824-849	15	20	DFT-16QAM	L	Inner_1RB_Left	23.58	15.69	38.45	PASS
N26-824-849	15	20	DFT-16QAM	L	Inner_1RB_Right	23.32	15.43	38.45	PASS
N26-824-849	15	20	DFT-16QAM	L	Outer_Full	23.11	15.22	38.45	PASS
N26-824-849	15	20	DFT-64QAM	L	Inner_1RB_Left	22.73	14.84	38.45	PASS
N26-824-849	15	20	DFT-64QAM	L	Inner_1RB_Right	22.46	14.57	38.45	PASS
N26-824-849	15	20	DFT-64QAM	L	Outer_Full	22.43	14.54	38.45	PASS



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N26-824-849	15	20	DFT-256QAM	L	Inner_1RB_Left	21.23	13.34	38.45	PASS
N26-824-849	15	20	DFT-256QAM	L	Inner_1RB_Right	20.86	12.97	38.45	PASS
N26-824-849	15	20	DFT-256QAM	L	Outer_Full	21.58	13.69	38.45	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	24.68	16.79	38.45	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	24.35	16.46	38.45	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	24.10	16.21	38.45	PASS
N26-824-849	15	20	DFT-QPSK	M	Inner_1RB_Left	24.54	16.65	38.45	PASS
N26-824-849	15	20	DFT-QPSK	M	Inner_1RB_Right	24.28	16.39	38.45	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	23.81	15.92	38.45	PASS
N26-824-849	15	20	DFT-16QAM	M	Inner_1RB_Left	23.68	15.79	38.45	PASS
N26-824-849	15	20	DFT-16QAM	M	Inner_1RB_Right	23.33	15.44	38.45	PASS
N26-824-849	15	20	DFT-16QAM	M	Outer_Full	23.22	15.33	38.45	PASS
N26-824-849	15	20	DFT-64QAM	M	Inner_1RB_Left	22.67	14.78	38.45	PASS
N26-824-849	15	20	DFT-64QAM	M	Inner_1RB_Right	22.49	14.60	38.45	PASS
N26-824-849	15	20	DFT-64QAM	M	Outer_Full	22.35	14.46	38.45	PASS
N26-824-849	15	20	DFT-256QAM	M	Inner_1RB_Left	21.20	13.31	38.45	PASS
N26-824-849	15	20	DFT-256QAM	M	Inner_1RB_Right	20.96	13.07	38.45	PASS
N26-824-849	15	20	DFT-256QAM	M	Outer_Full	21.59	13.70	38.45	PASS
N26-824-849	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	24.53	16.64	38.45	PASS
N26-824-849	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	24.44	16.55	38.45	PASS
N26-824-849	15	20	DFT-PI2BPSK	H	Outer_Full	24.00	16.11	38.45	PASS
N26-824-849	15	20	DFT-QPSK	H	Inner_1RB_Left	24.48	16.59	38.45	PASS
N26-824-849	15	20	DFT-QPSK	H	Inner_1RB_Right	24.29	16.40	38.45	PASS
N26-824-849	15	20	DFT-QPSK	H	Outer_Full	23.75	15.86	38.45	PASS
N26-824-849	15	20	DFT-16QAM	H	Inner_1RB_Left	23.58	15.69	38.45	PASS
N26-824-849	15	20	DFT-16QAM	H	Inner_1RB_Right	23.40	15.51	38.45	PASS
N26-824-849	15	20	DFT-16QAM	H	Outer_Full	23.05	15.16	38.45	PASS
N26-824-849	15	20	DFT-64QAM	H	Inner_1RB_Left	22.72	14.83	38.45	PASS
N26-824-849	15	20	DFT-64QAM	H	Inner_1RB_Right	22.43	14.54	38.45	PASS
N26-824-849	15	20	DFT-64QAM	H	Outer_Full	22.36	14.47	38.45	PASS
N26-824-849	15	20	DFT-256QAM	H	Inner_1RB_Left	21.12	13.23	38.45	PASS
N26-824-849	15	20	DFT-256QAM	H	Inner_1RB_Right	21.00	13.11	38.45	PASS
N26-824-849	15	20	DFT-256QAM	H	Outer_Full	21.51	13.62	38.45	PASS



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Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N26-824-849	15	20	DFT-256QAM	L	Outer_Full	6.18	≤13	PASS
N26-824-849	15	20	CP-256QAM	L	Outer_Full	6.17	≤13	PASS
N26-824-849	15	20	DFT-256QAM	M	Outer_Full	6.18	≤13	PASS
N26-824-849	15	20	CP-256QAM	M	Outer_Full	6.18	≤13	PASS
N26-824-849	15	20	DFT-256QAM	H	Outer_Full	6.18	≤13	PASS
N26-824-849	15	20	CP-256QAM	H	Outer_Full	6.18	≤13	PASS

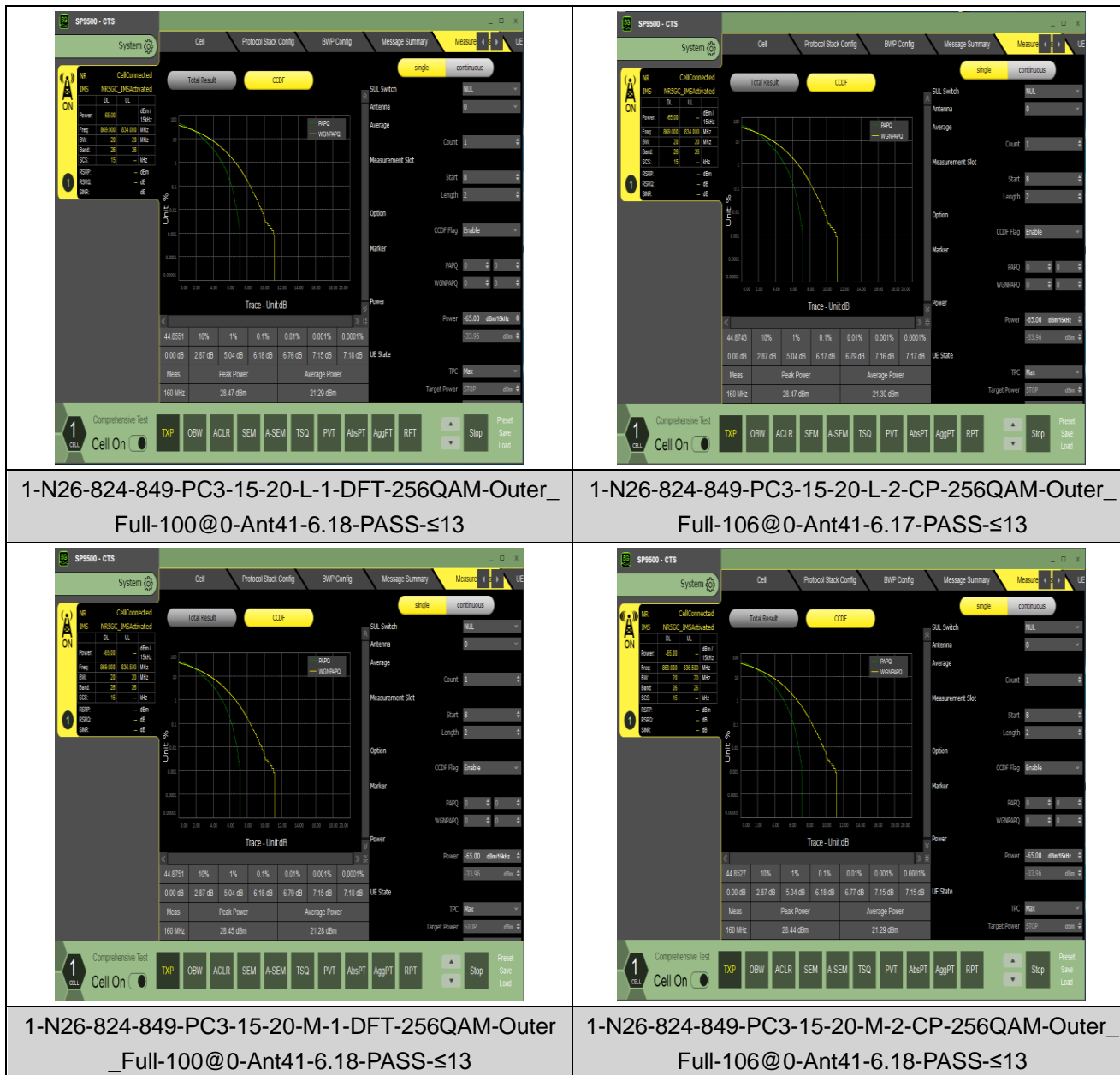


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Test Graphs



1-N26-824-849-PC3-15-20-L-1-DFT-256QAM-Outer_
 Full-100@0-Ant41-6.18-PASS-≤13

1-N26-824-849-PC3-15-20-L-2-CP-256QAM-Outer_
 Full-106@0-Ant41-6.17-PASS-≤13

1-N26-824-849-PC3-15-20-M-1-DFT-256QAM-Outer_
 Full-100@0-Ant41-6.18-PASS-≤13

1-N26-824-849-PC3-15-20-M-2-CP-256QAM-Outer_
 Full-106@0-Ant41-6.18-PASS-≤13



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1-N26-824-849-PC3-15-20-H-1-DFT-256QAM-Outer
_Full-100@0-Ant41-6.18-PASS≤13



1-N26-824-849-PC3-15-20-H-2-CP-256QAM-Outer_
Full-106@0-Ant41-6.18-PASS≤13



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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
N26-824-849	15	5	DFT-QPSK	M	Outer_Full	4.575	5.330	PASS
N26-824-849	15	5	DFT-PI2BPSK	M	Outer_Full	4.575	5.220	PASS
N26-824-849	15	5	DFT-16QAM	M	Outer_Full	4.605	5.280	PASS
N26-824-849	15	5	DFT-64QAM	M	Outer_Full	4.585	5.320	PASS
N26-824-849	15	5	DFT-256QAM	M	Outer_Full	4.565	5.250	PASS
N26-824-849	15	5	CP-QPSK	M	Outer_Full	4.575	5.490	PASS
N26-824-849	15	5	CP-16QAM	M	Outer_Full	4.575	5.070	PASS
N26-824-849	15	5	CP-64QAM	M	Outer_Full	4.555	5.270	PASS
N26-824-849	15	5	CP-256QAM	M	Outer_Full	4.555	5.260	PASS
N26-824-849	15	10	DFT-QPSK	M	Outer_Full	8.971	9.740	PASS
N26-824-849	15	10	DFT-PI2BPSK	M	Outer_Full	8.931	9.640	PASS
N26-824-849	15	10	DFT-16QAM	M	Outer_Full	8.991	9.960	PASS
N26-824-849	15	10	DFT-64QAM	M	Outer_Full	8.911	9.580	PASS
N26-824-849	15	10	DFT-256QAM	M	Outer_Full	8.991	9.800	PASS
N26-824-849	15	10	CP-QPSK	M	Outer_Full	9.271	10.240	PASS
N26-824-849	15	10	CP-16QAM	M	Outer_Full	9.291	10.060	PASS
N26-824-849	15	10	CP-64QAM	M	Outer_Full	9.311	9.820	PASS
N26-824-849	15	10	CP-256QAM	M	Outer_Full	9.351	10.260	PASS
N26-824-849	15	15	DFT-QPSK	M	Outer_Full	13.397	14.130	PASS
N26-824-849	15	15	DFT-PI2BPSK	M	Outer_Full	13.427	14.250	PASS
N26-824-849	15	15	DFT-16QAM	M	Outer_Full	13.457	14.310	PASS
N26-824-849	15	15	DFT-64QAM	M	Outer_Full	13.397	14.070	PASS
N26-824-849	15	15	DFT-256QAM	M	Outer_Full	13.427	14.070	PASS
N26-824-849	15	15	CP-QPSK	M	Outer_Full	14.116	14.880	PASS
N26-824-849	15	15	CP-16QAM	M	Outer_Full	14.056	14.760	PASS
N26-824-849	15	15	CP-64QAM	M	Outer_Full	14.116	14.880	PASS
N26-824-849	15	15	CP-256QAM	M	Outer_Full	14.086	14.850	PASS
N26-824-849	15	20	DFT-QPSK	M	Outer_Full	17.862	18.600	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	17.822	18.720	PASS



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N26-824-849	15	20	DFT-16QAM	M	Outer_Full	17.822	18.560	PASS
N26-824-849	15	20	DFT-64QAM	M	Outer_Full	17.822	18.840	PASS
N26-824-849	15	20	DFT-256QAM	M	Outer_Full	17.862	18.720	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	18.941	19.720	PASS
N26-824-849	15	20	CP-16QAM	M	Outer_Full	18.901	19.760	PASS
N26-824-849	15	20	CP-64QAM	M	Outer_Full	18.821	19.880	PASS
N26-824-849	15	20	CP-256QAM	M	Outer_Full	18.861	19.920	PASS



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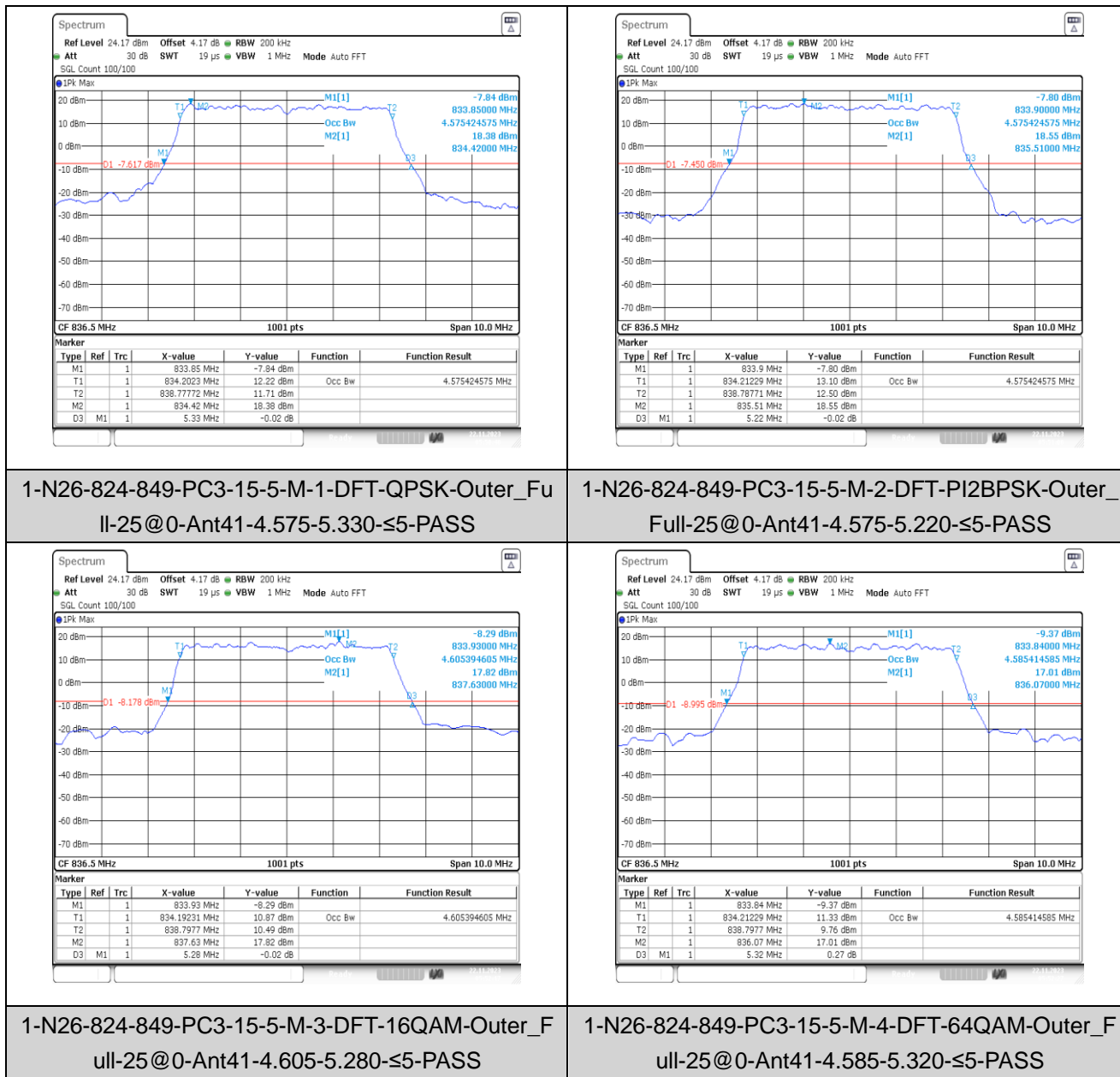
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Wireless Laboratory

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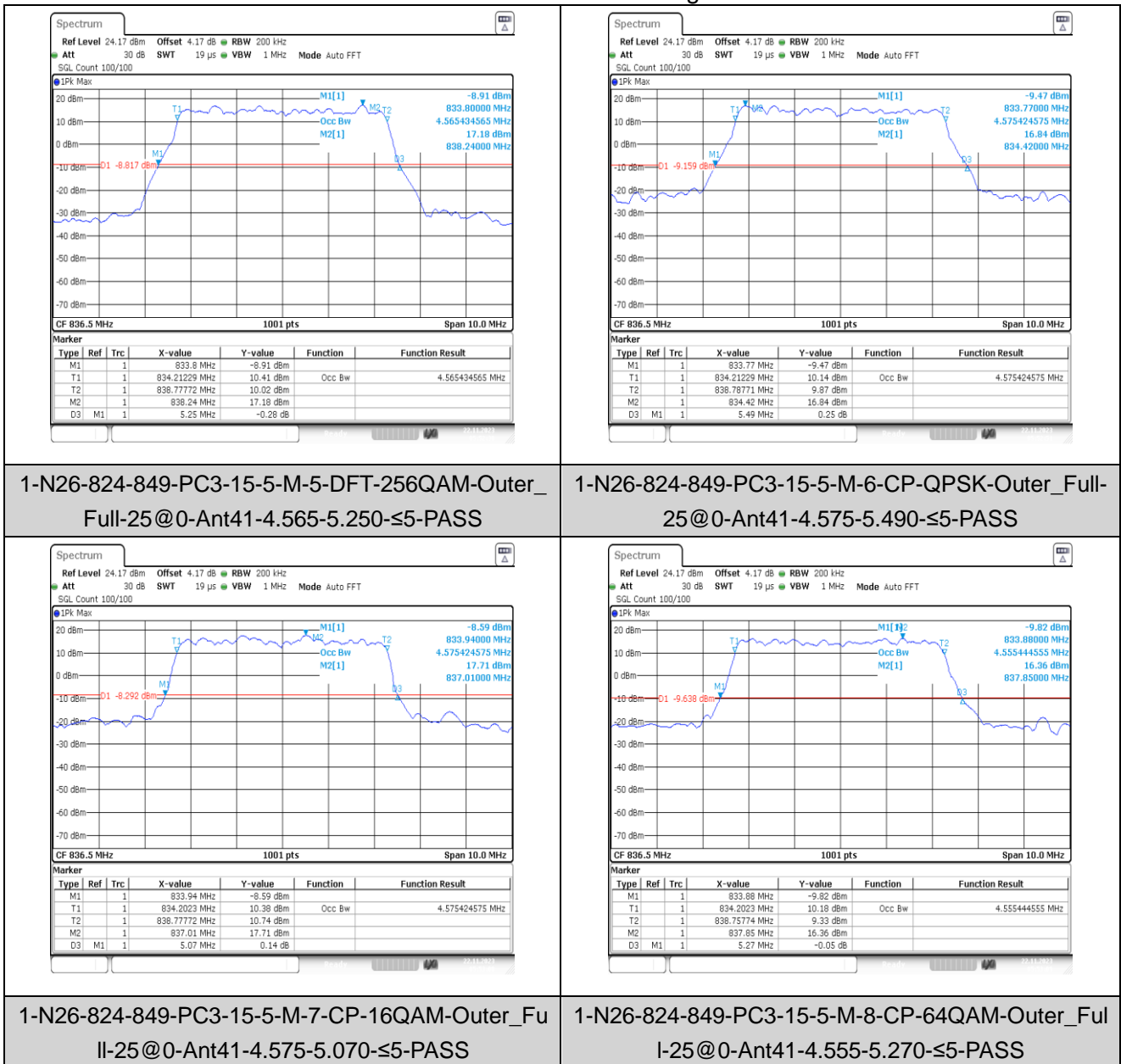
Test Graphs



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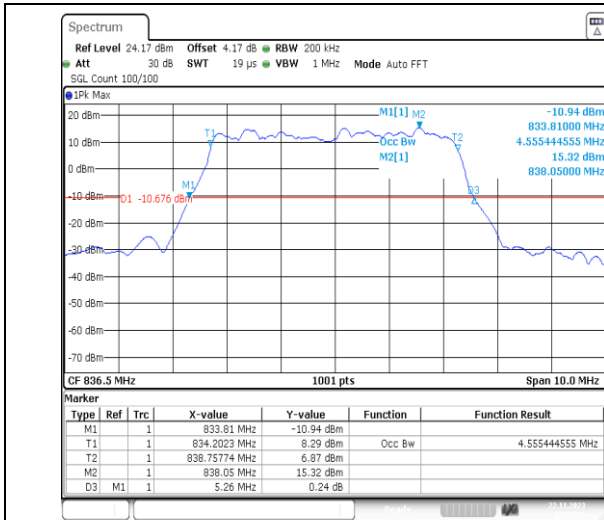


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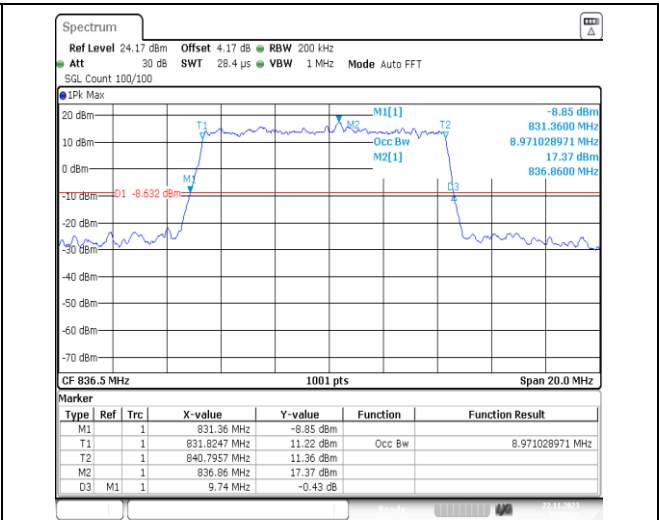
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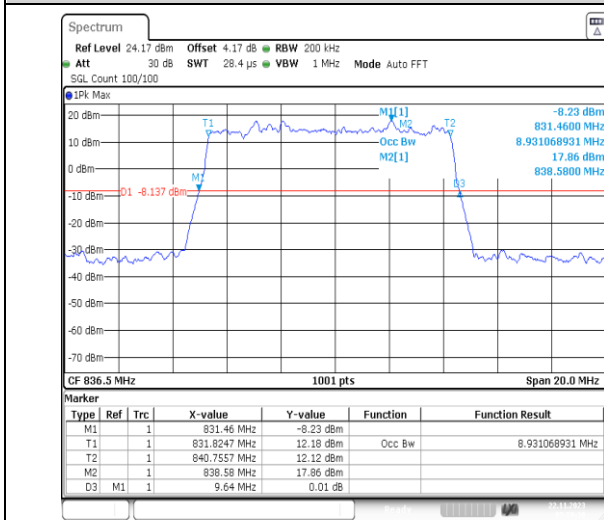
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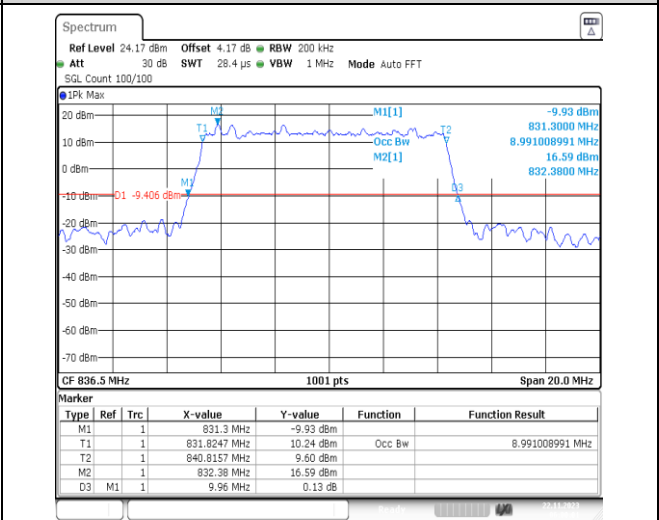
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1-N26-824-849-PC3-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant41-8.931-9.640-≤10-PASS



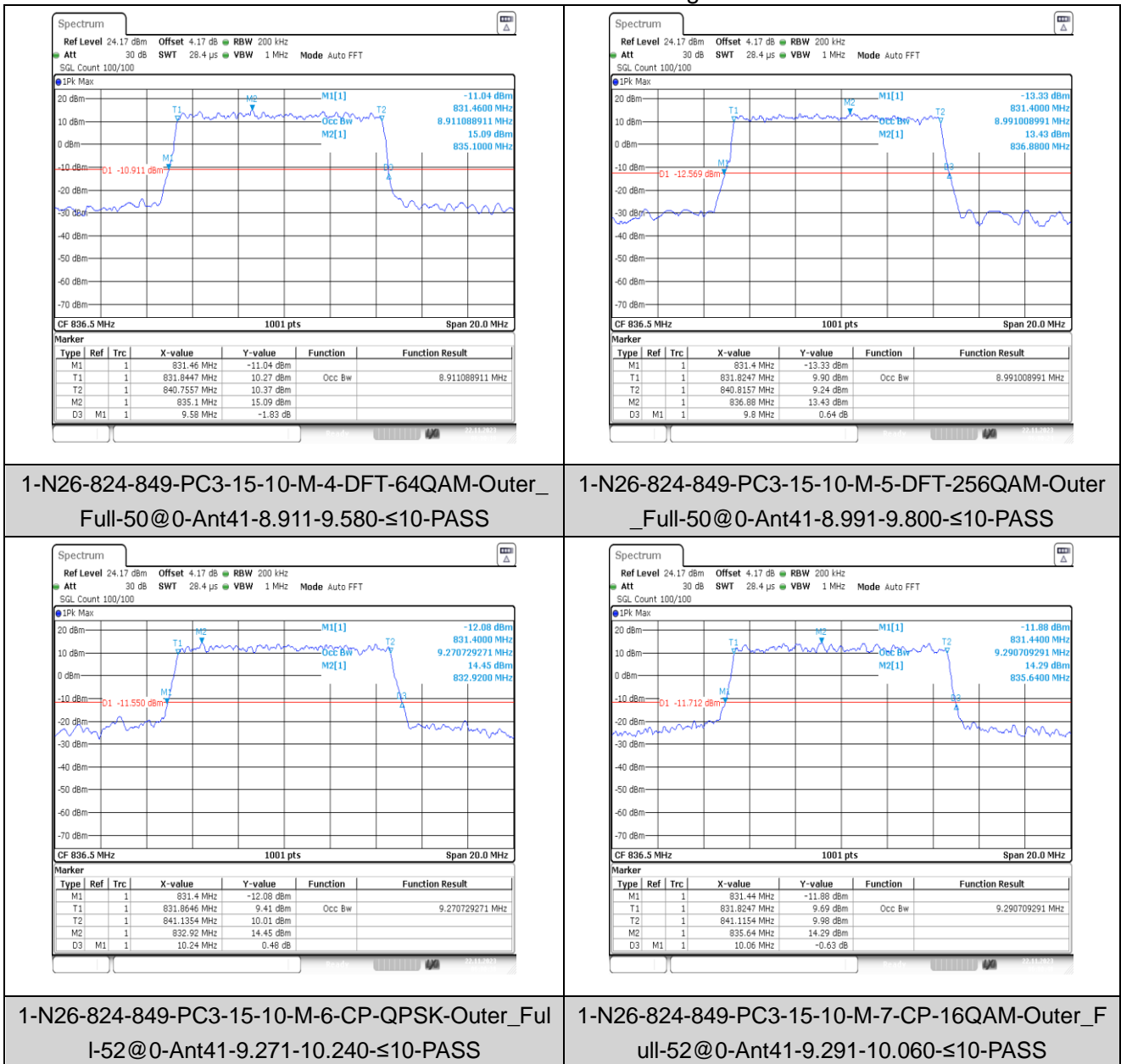
1-N26-824-849-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant41-8.991-9.960-≤10-PASS



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1-N26-824-849-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant41-8.911-9.580-≤10-PASS

1-N26-824-849-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant41-8.991-9.800-≤10-PASS

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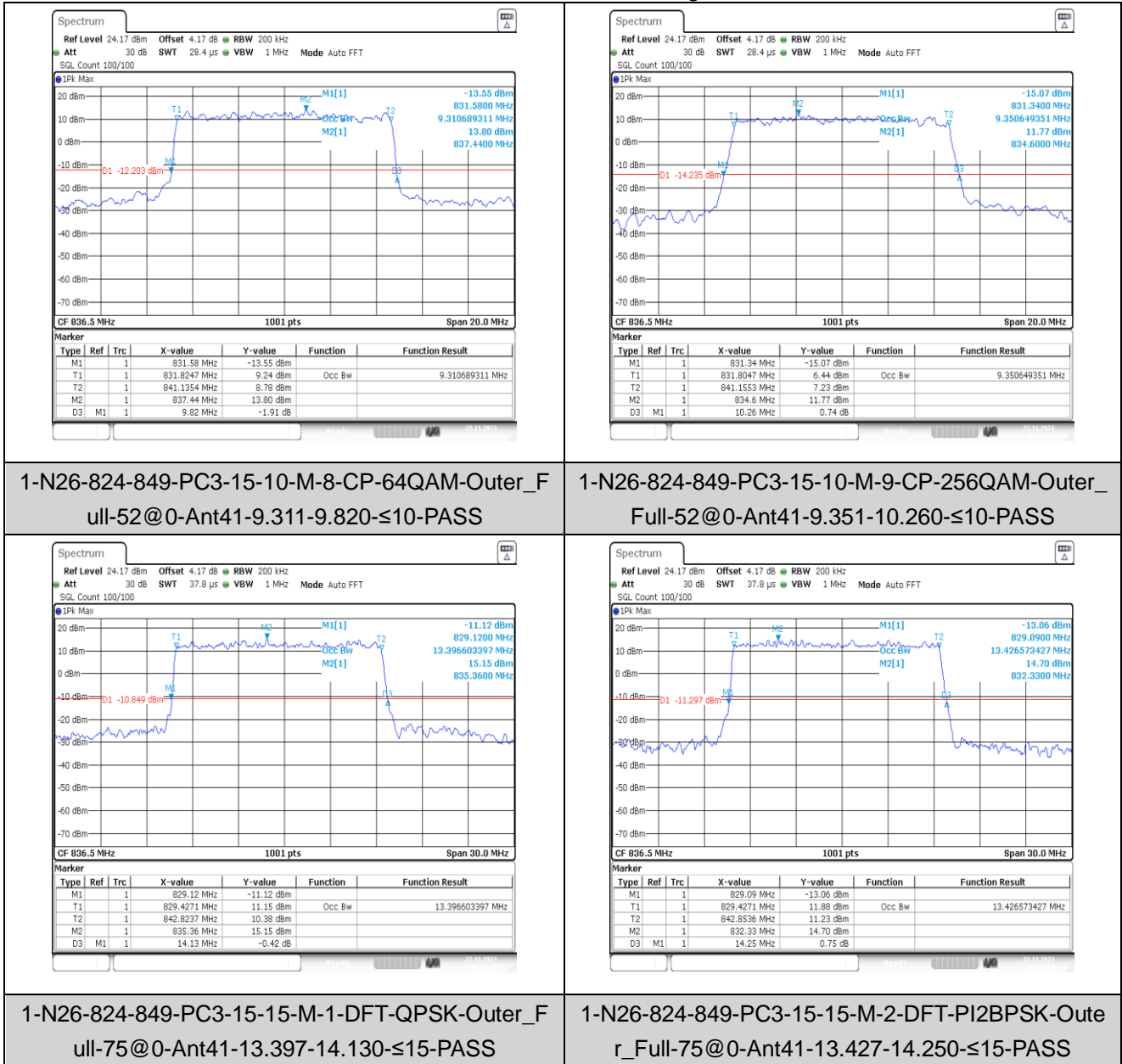
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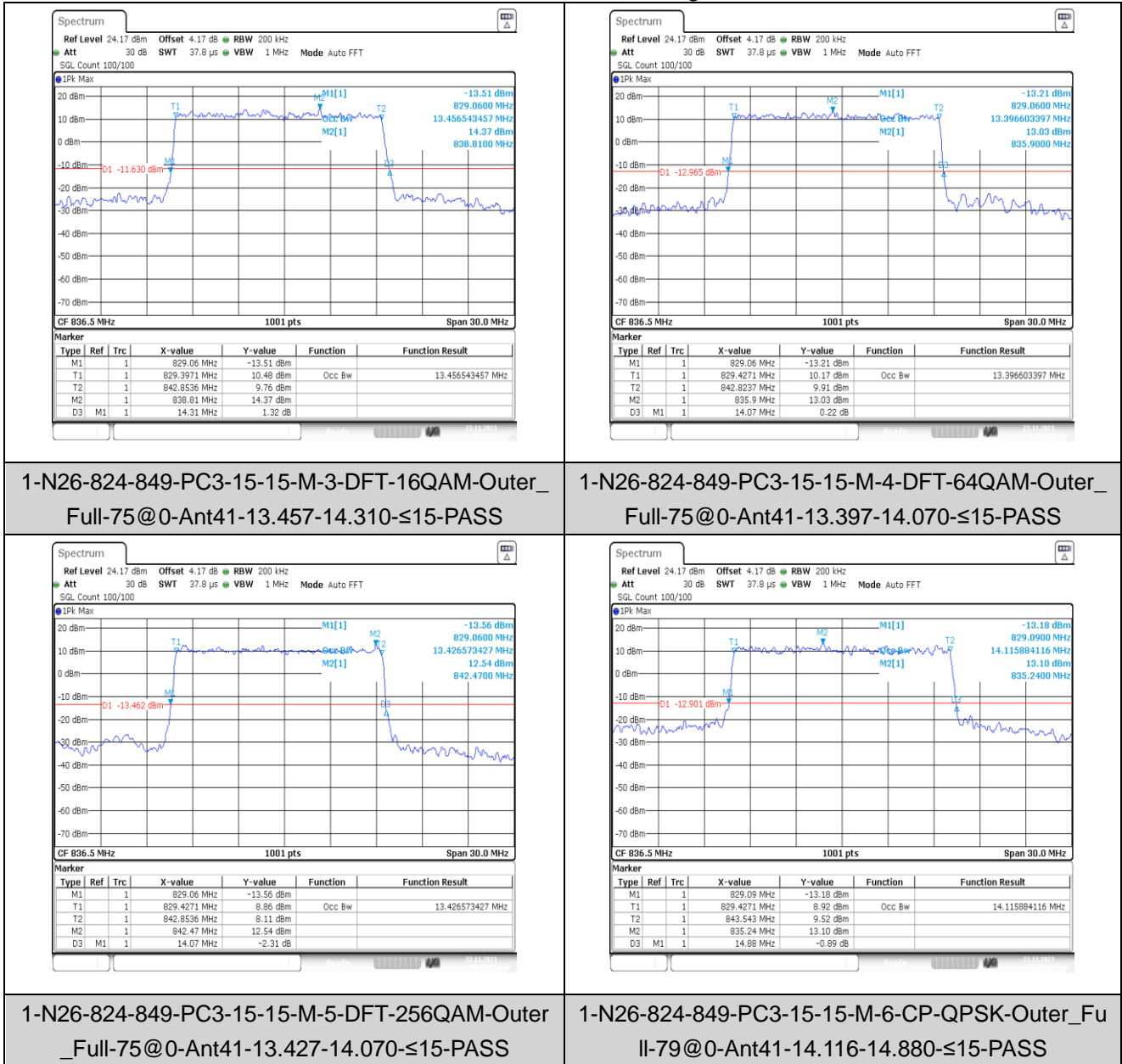
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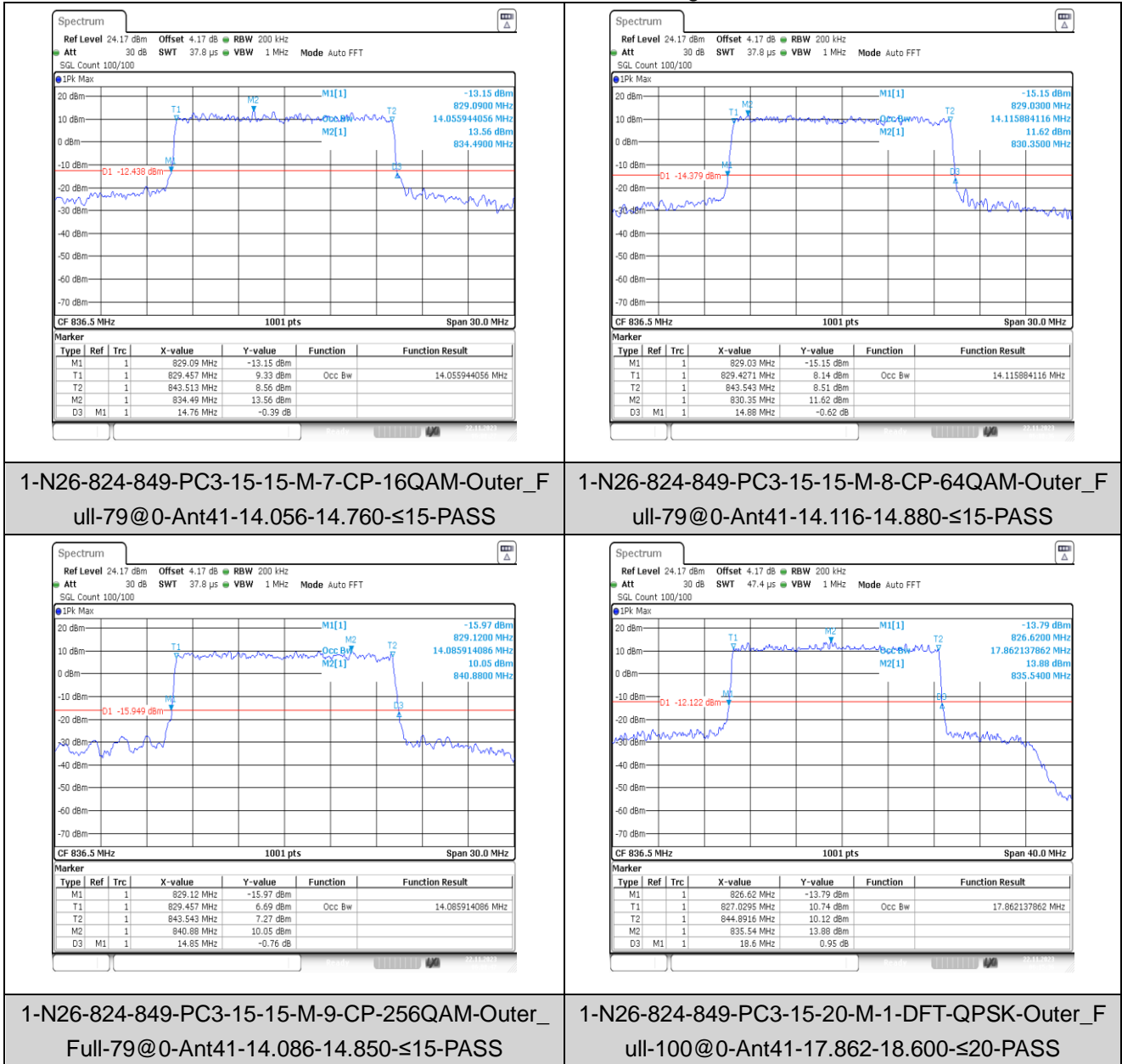
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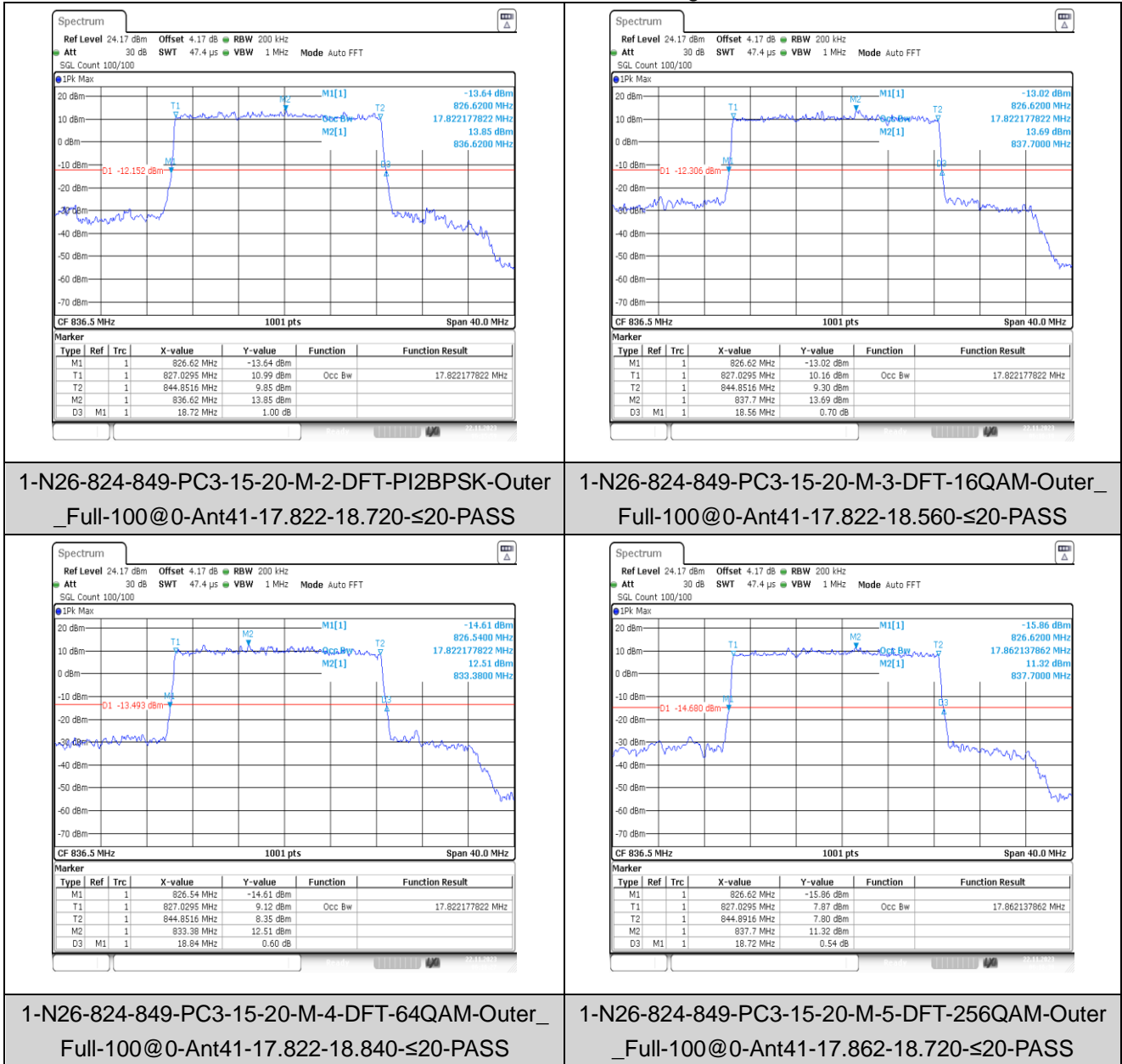
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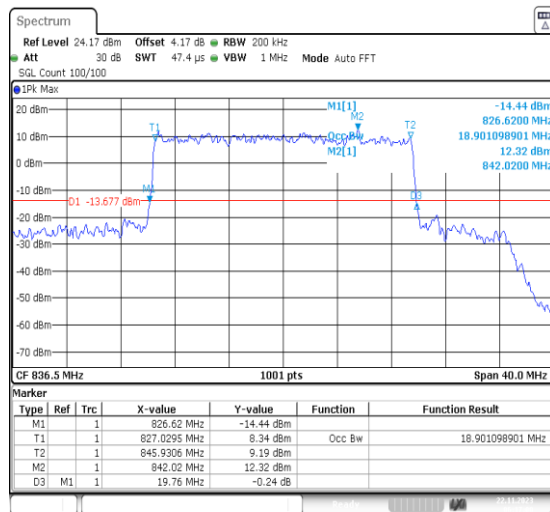
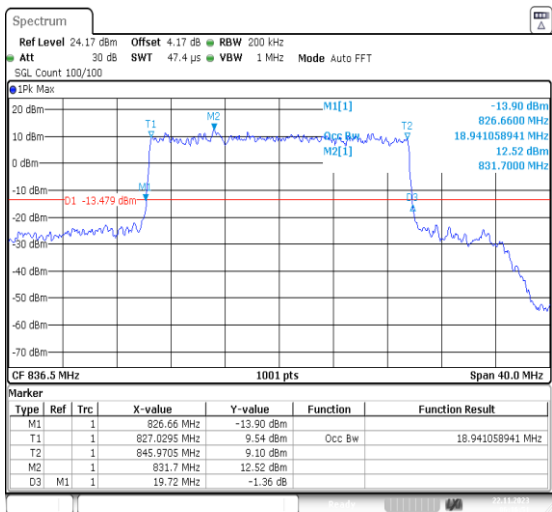
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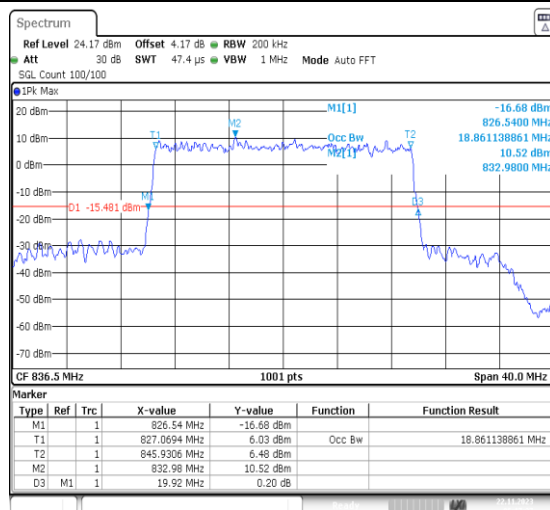
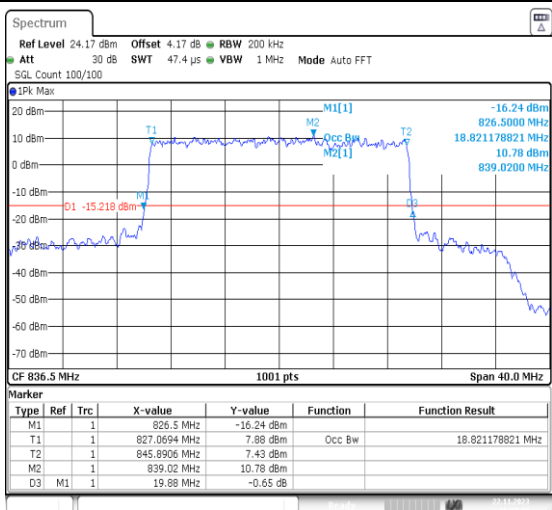
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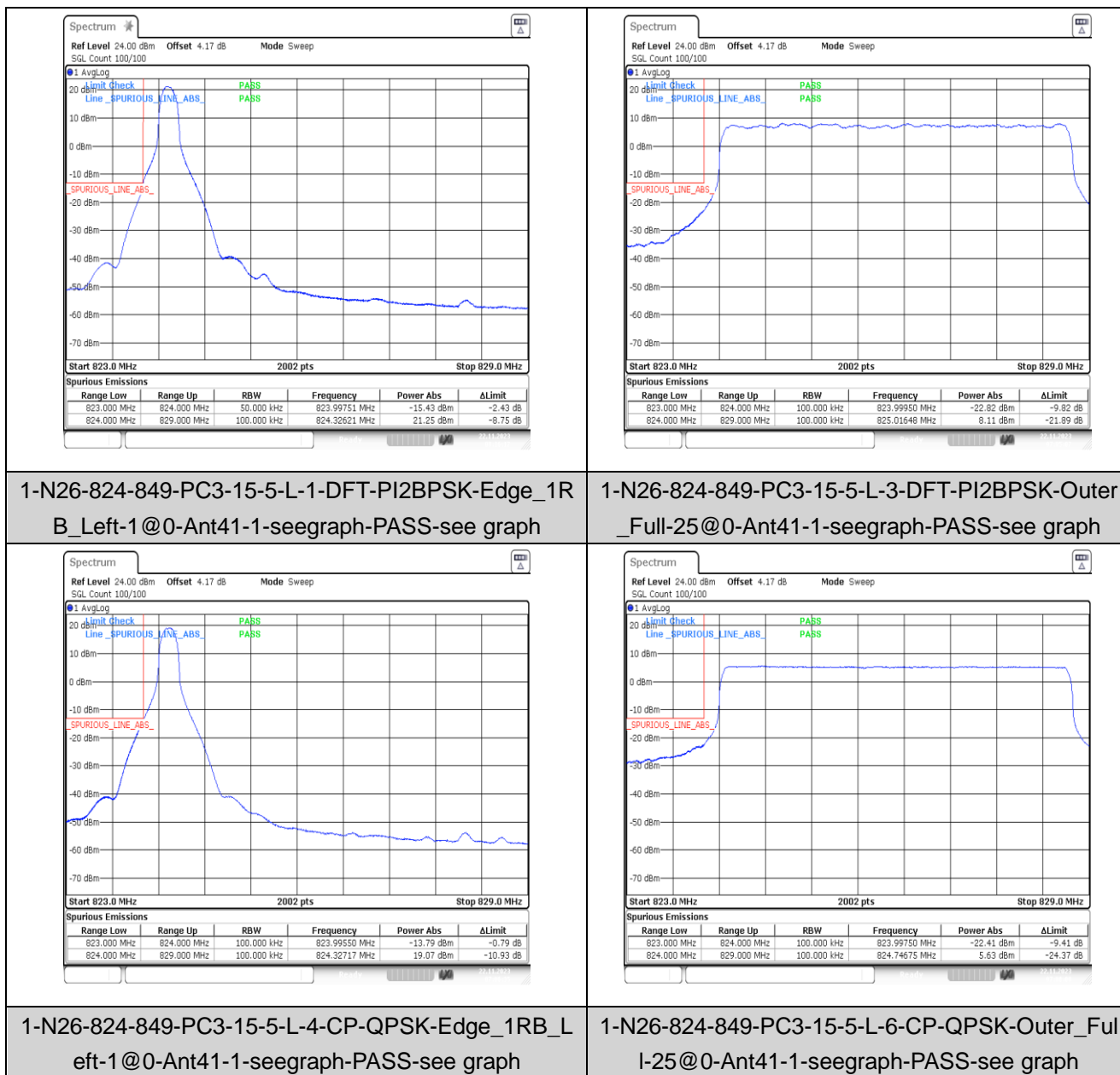
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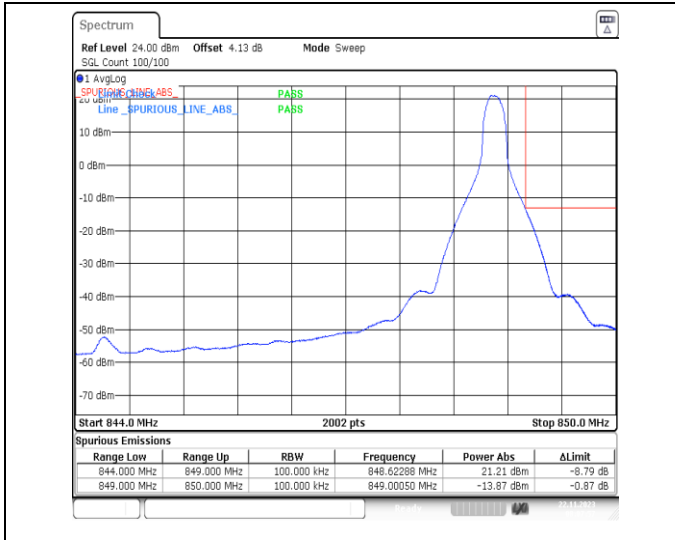
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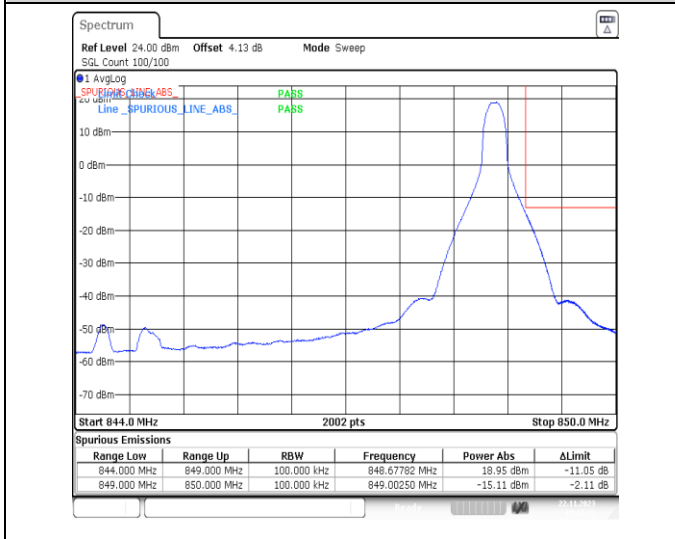
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1-N26-824-849-PC3-15-5-H-2-DFT-PI2BPSK-Edge_1 RB_Right-1@24-Ant41-1-seegraph-PASS-see graph

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1-N26-824-849-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant41-1-seegraph-PASS-see graph

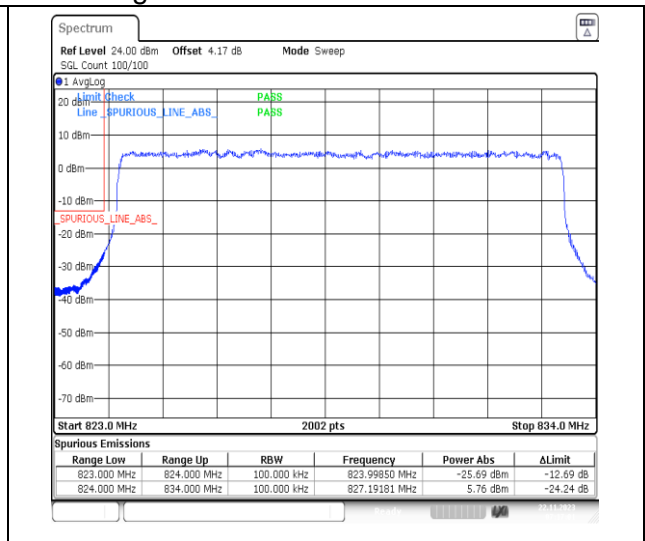
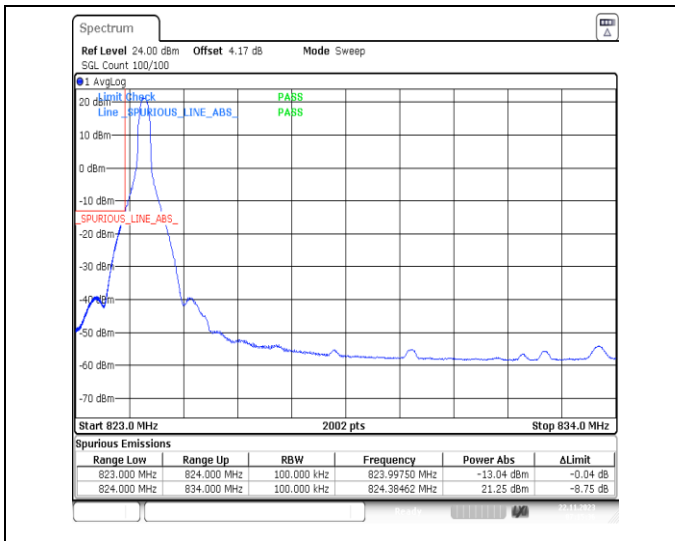
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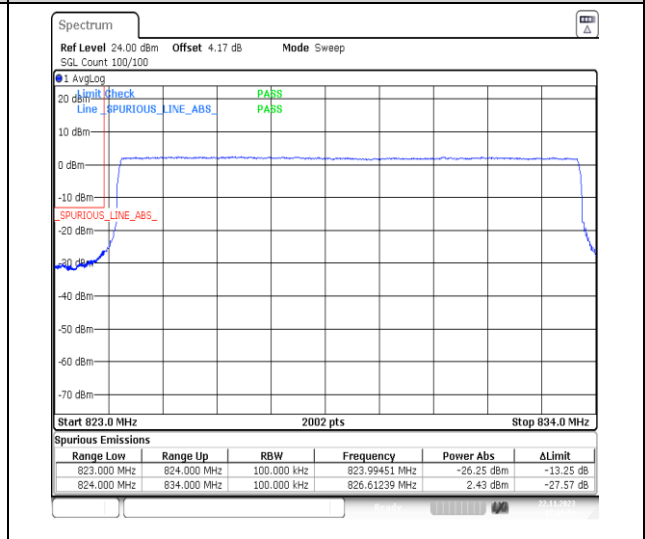
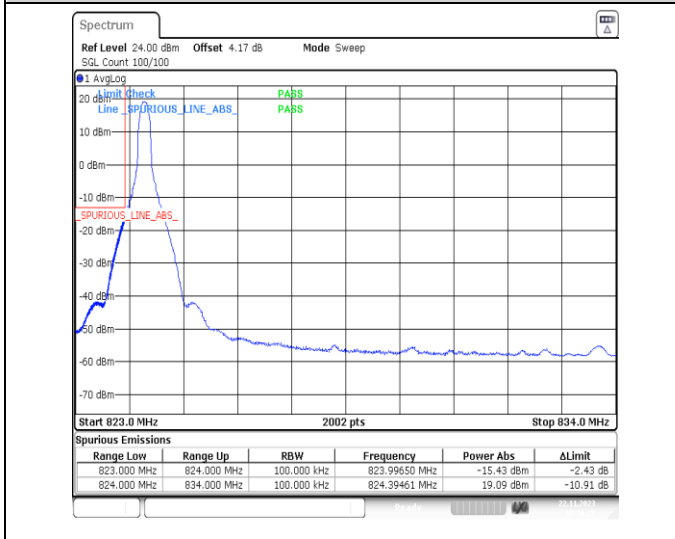
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1-N26-824-849-PC3-15-10-L-1-DFT-PI2BPSK-Edge_1 RB_Left-1@0-Ant41-1-seegraph-PASS-see graph

1-N26-824-849-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant41-1-seegraph-PASS-see graph



1-N26-824-849-PC3-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant41-1-seegraph-PASS-see graph

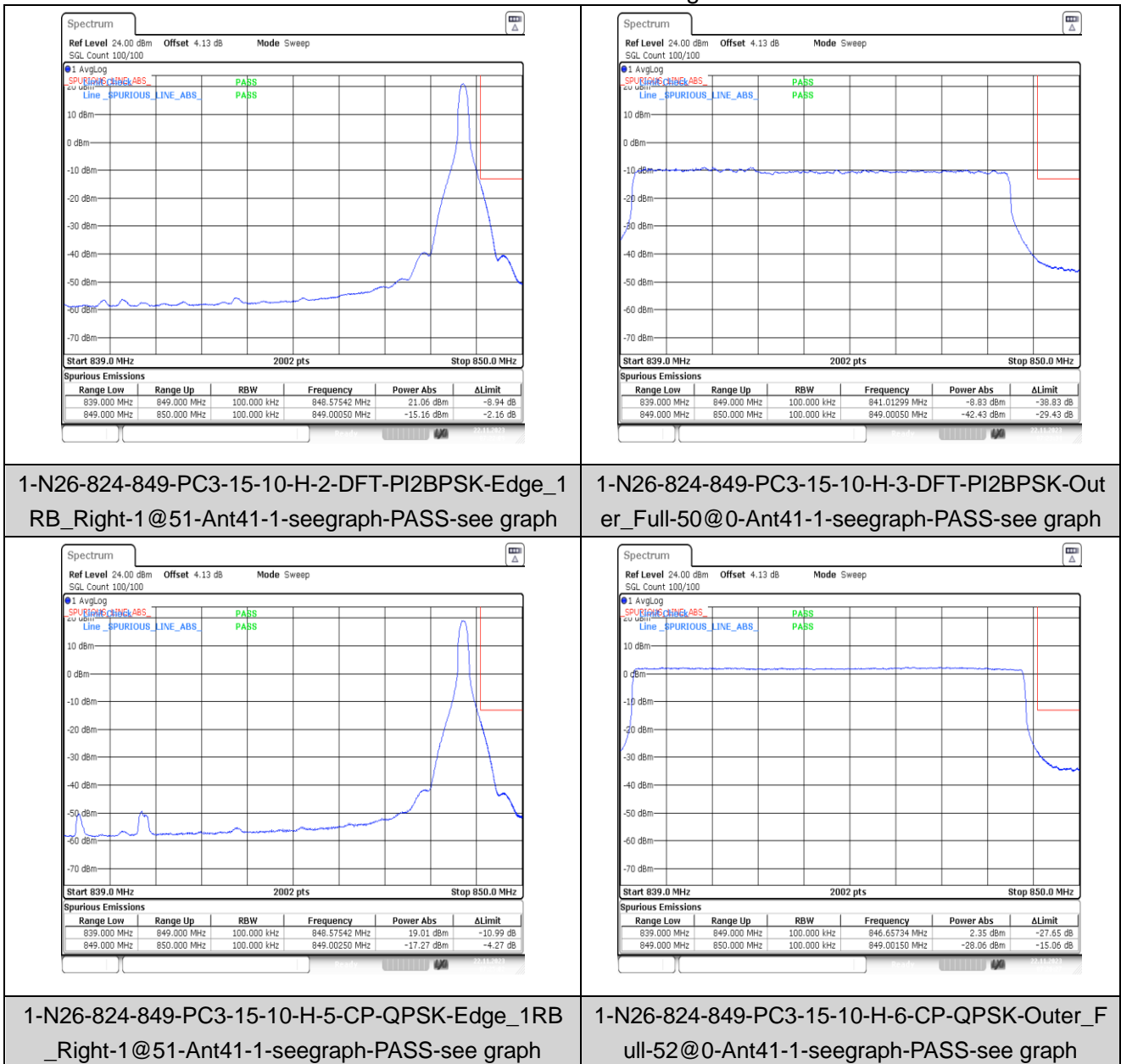
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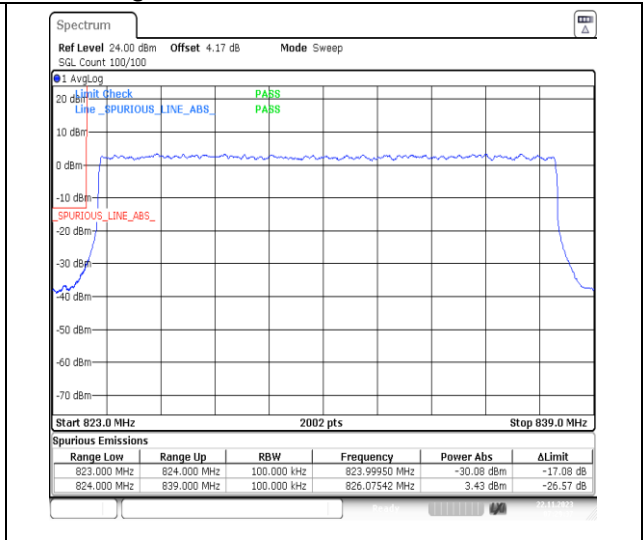
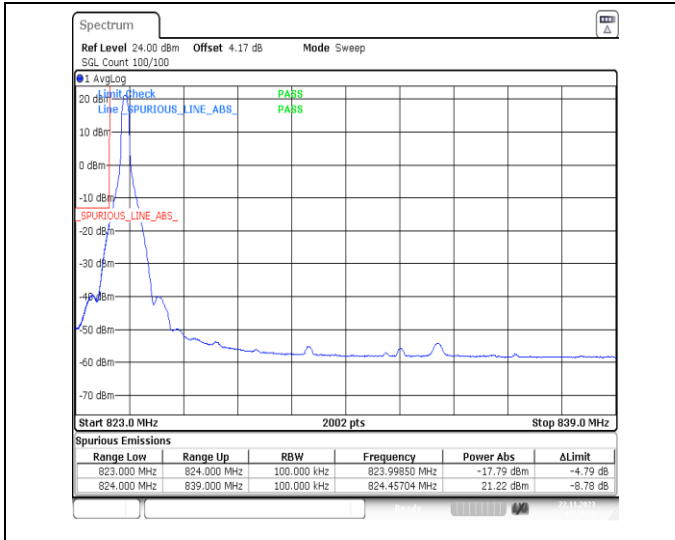
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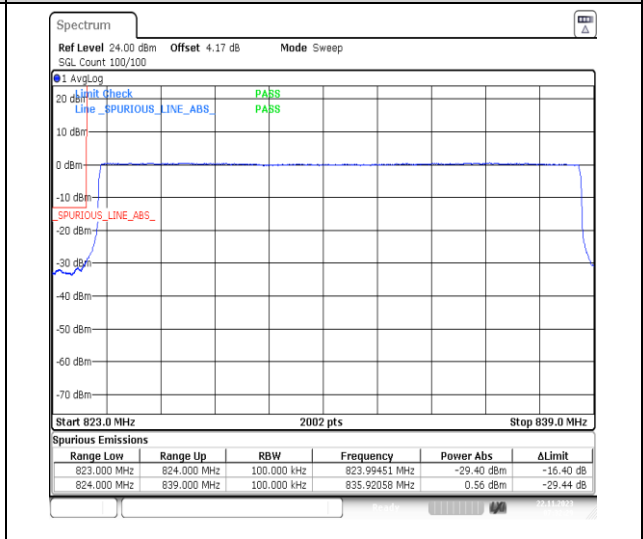
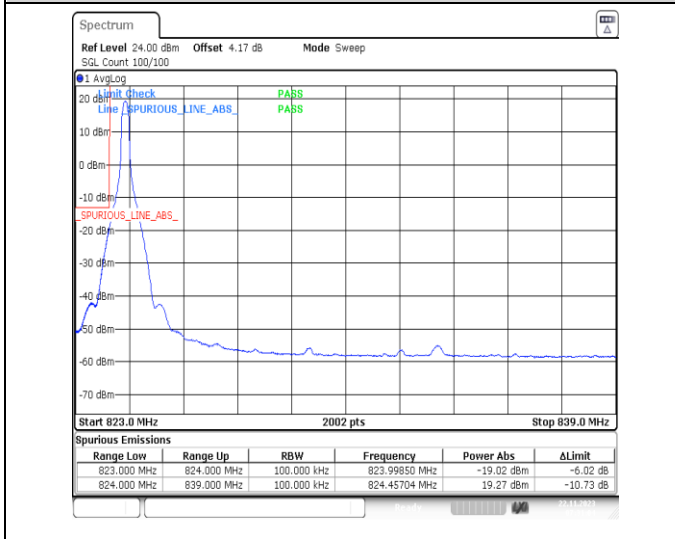
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1-N26-824-849-PC3-15-15-L-1-DFT-PI2BPSK-Edge_1 RB_Left-1@0-Ant41-1-seegraph-PASS-see graph

1-N26-824-849-PC3-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant41-1-seegraph-PASS-see graph



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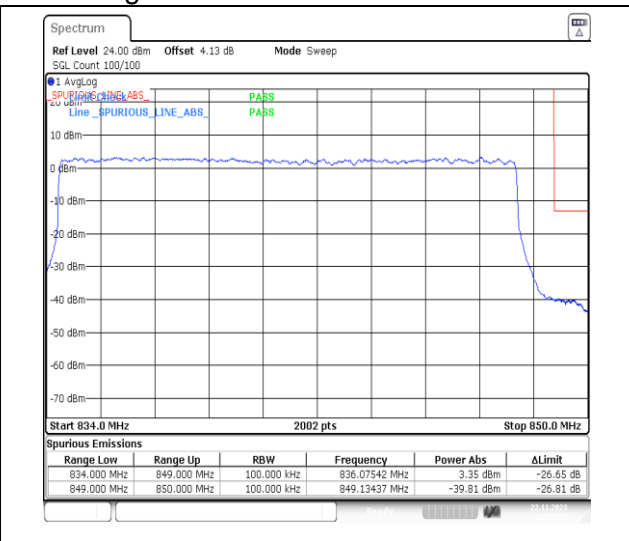
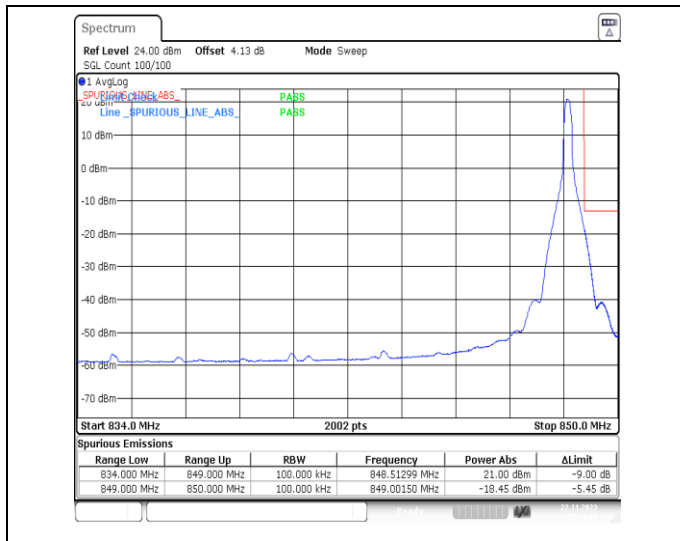
1-N26-824-849-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant41-1-seegraph-PASS-see graph



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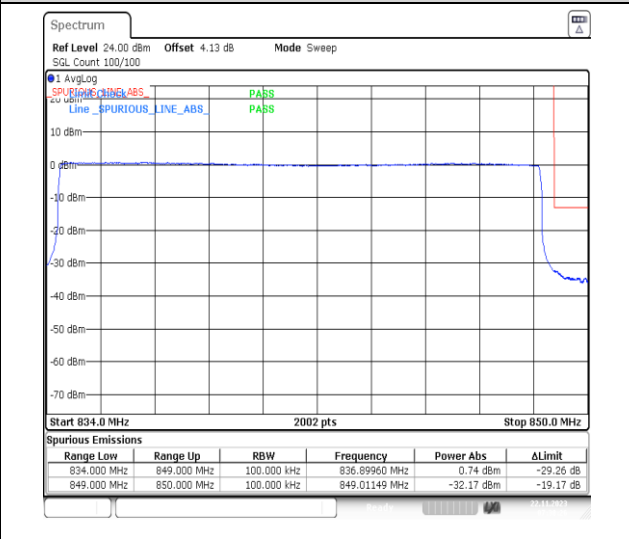
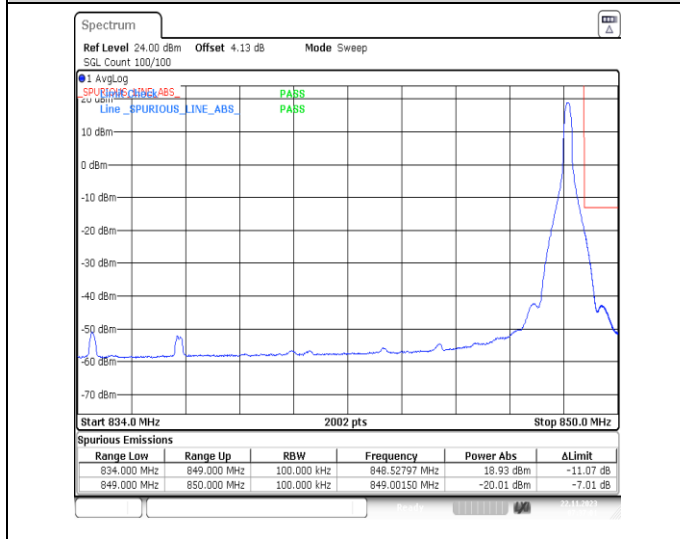
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1-N26-824-849-PC3-15-15-H-2-DFT-PI2BPSK-Edge_1 RB_Right-1@78-Ant41-1-seegraph-PASS-see graph

1-N26-824-849-PC3-15-15-H-3-DFT-PI2BPSK-Out er_Full-75@0-Ant41-1-seegraph-PASS-see graph



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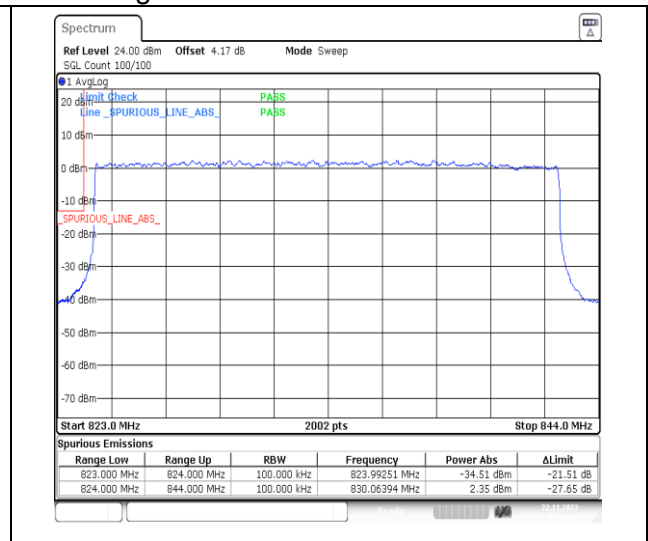
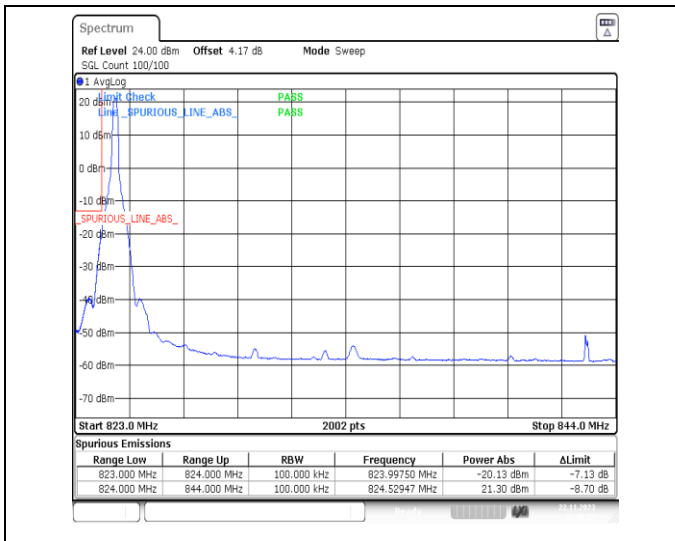
1-N26-824-849-PC3-15-15-H-6-CP-QPSK-Outer_F ull-79@0-Ant41-1-seegraph-PASS-see graph



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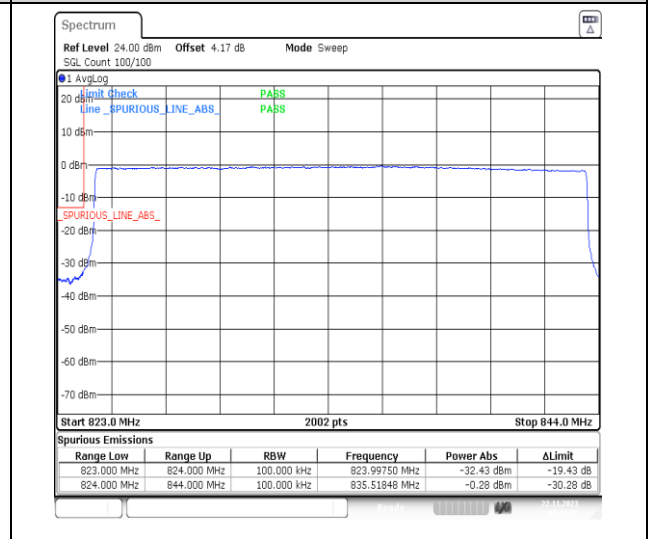
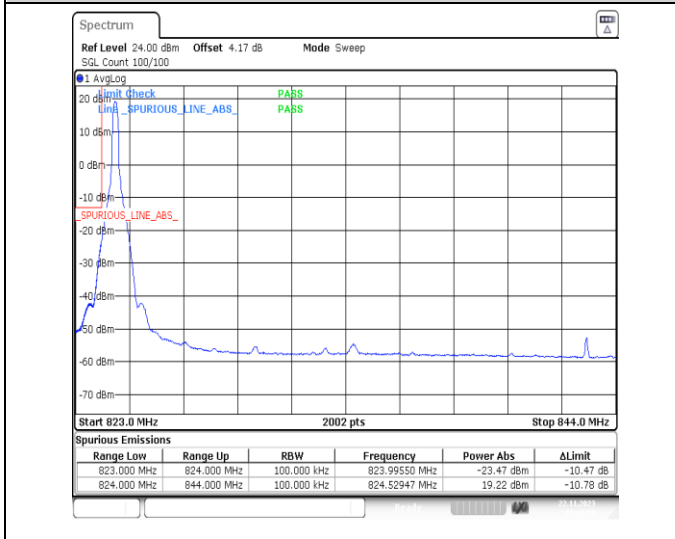
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1-N26-824-849-PC3-15-20-L-1-DFT-PI2BPSK-Edge_1 RB_Left-1@0-Ant41-1-seegraph-PASS-see graph

1-N26-824-849-PC3-15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant41-1-seegraph-PASS-see graph



1-N26-824-849-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant41-1-seegraph-PASS-see graph

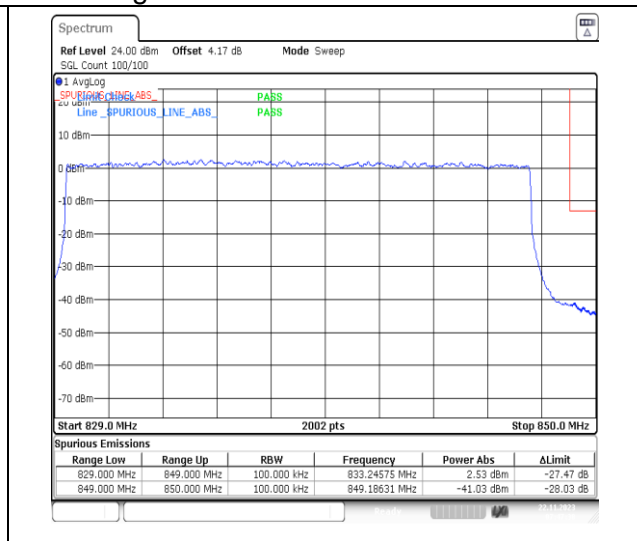
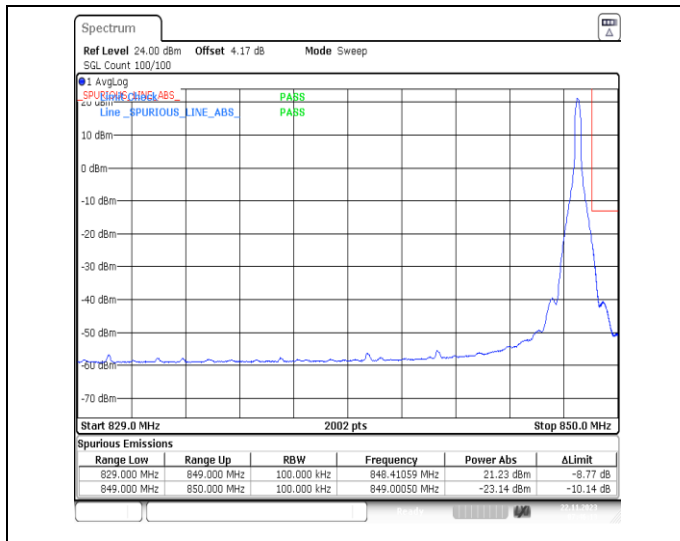
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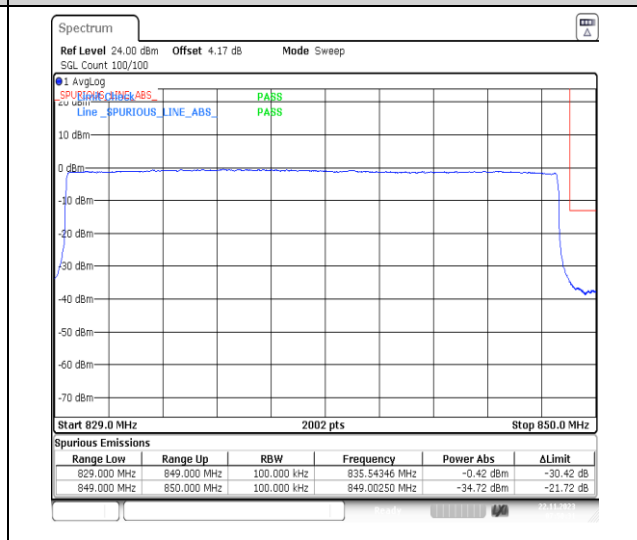
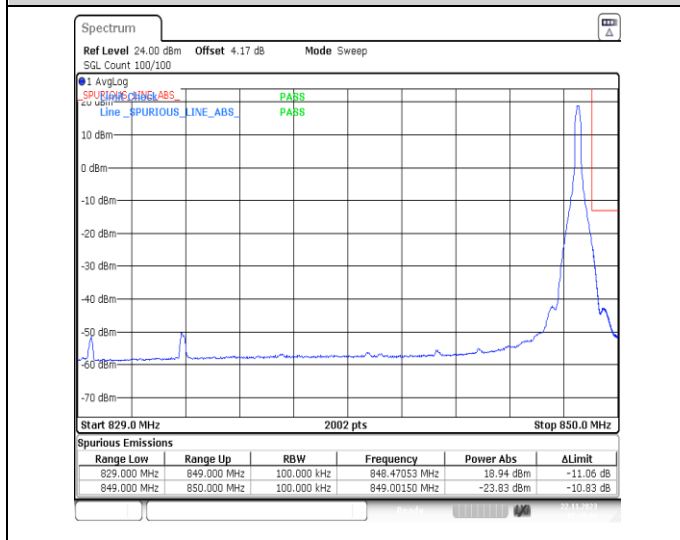
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1-N26-824-849-PC3-15-20-H-2-DFT-PI2BPSK-Edge_1 RB_Right-1@105-Ant41-1-seegraph-PASS-see graph

1-N26-824-849-PC3-15-20-H-3-DFT-PI2BPSK-Out er_Full-100@0-Ant41-1-seegraph-PASS-see graph



1-N26-824-849-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant41-1-seegraph-PASS-see graph

1-N26-824-849-PC3-15-20-H-6-CP-QPSK-Outer_F ull-106@0-Ant41-1-seegraph-PASS-see graph



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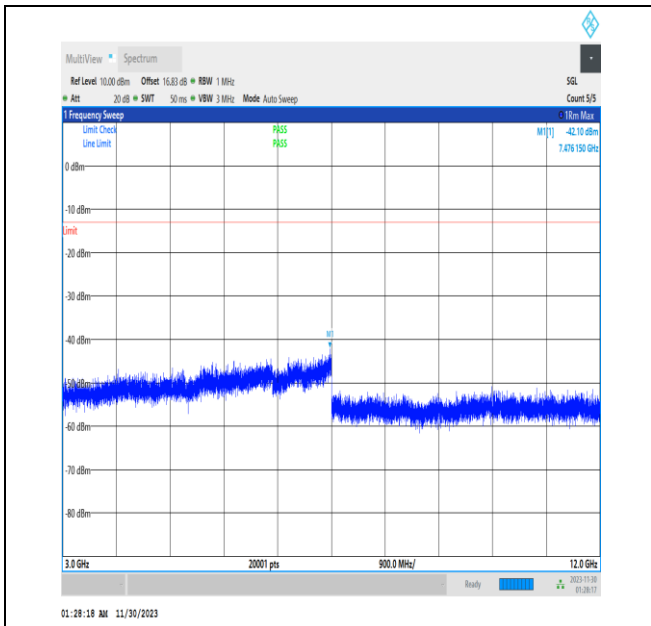
Test Graphs



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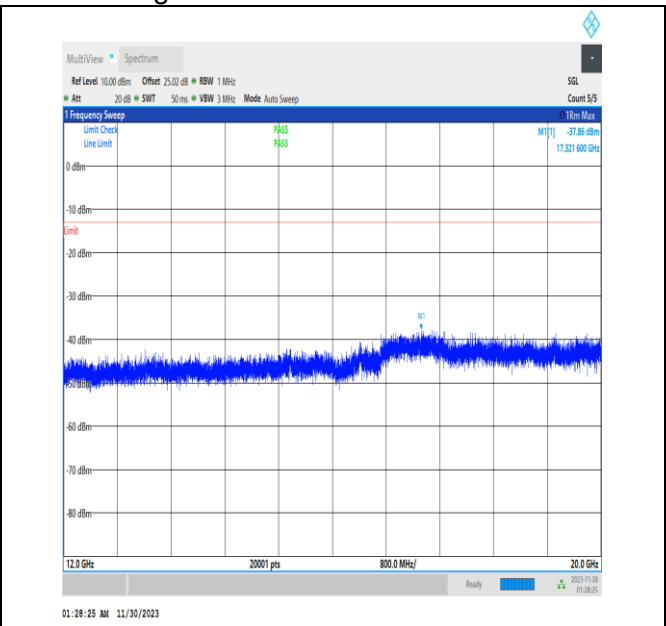
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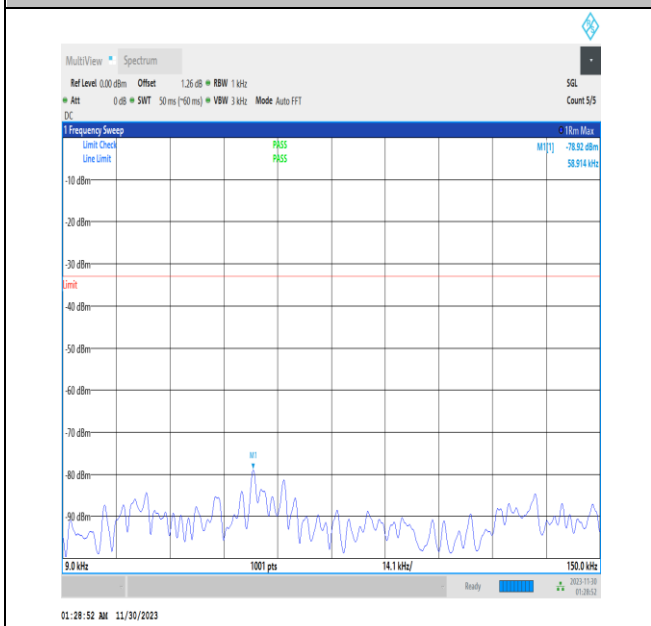
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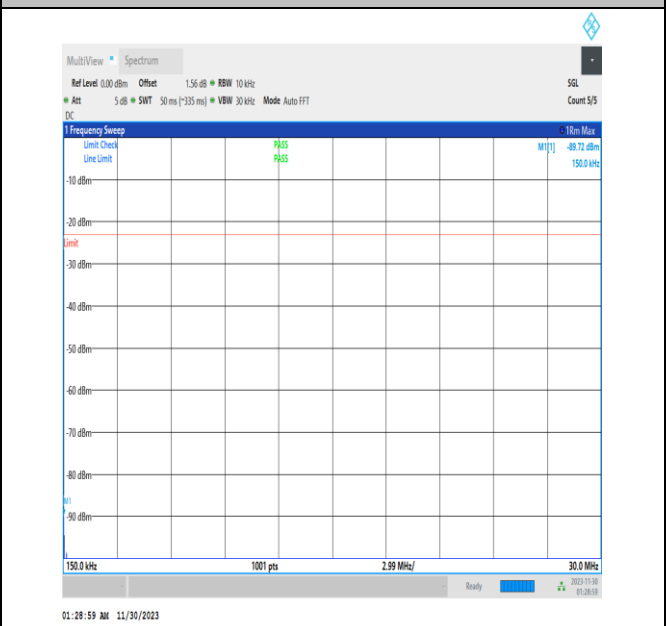
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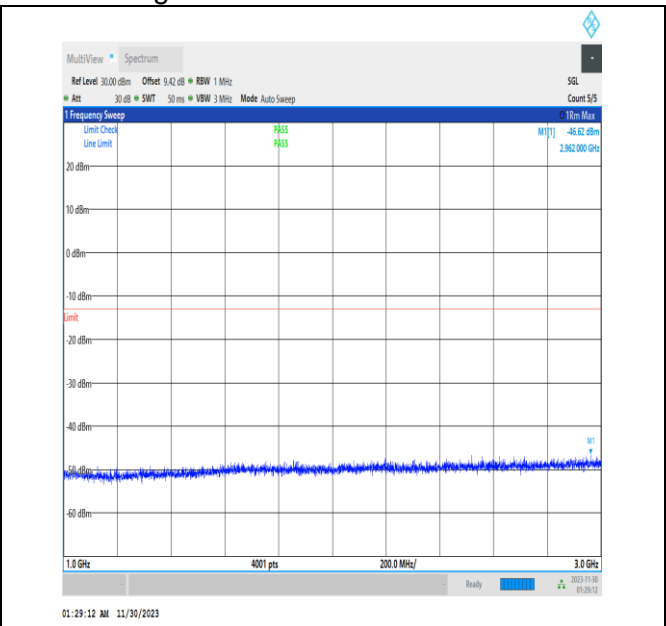
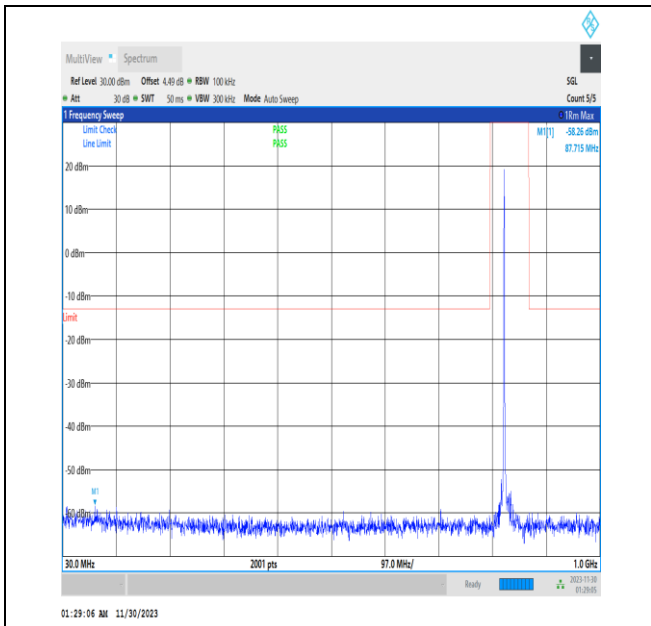
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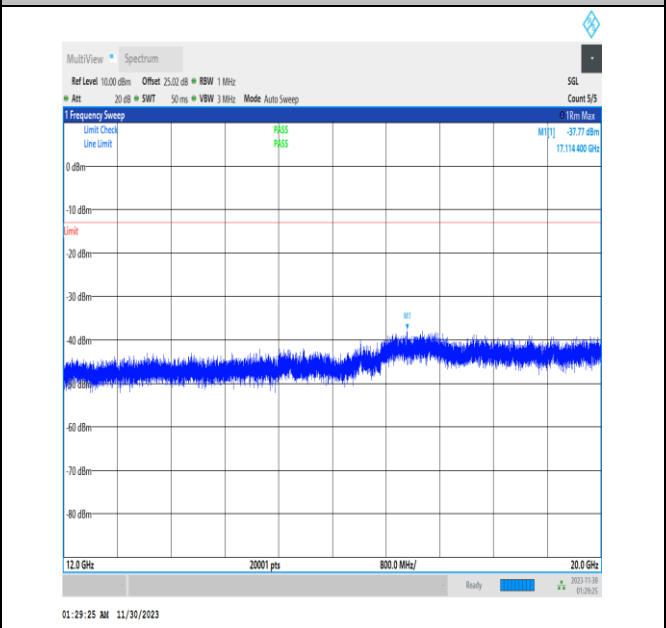
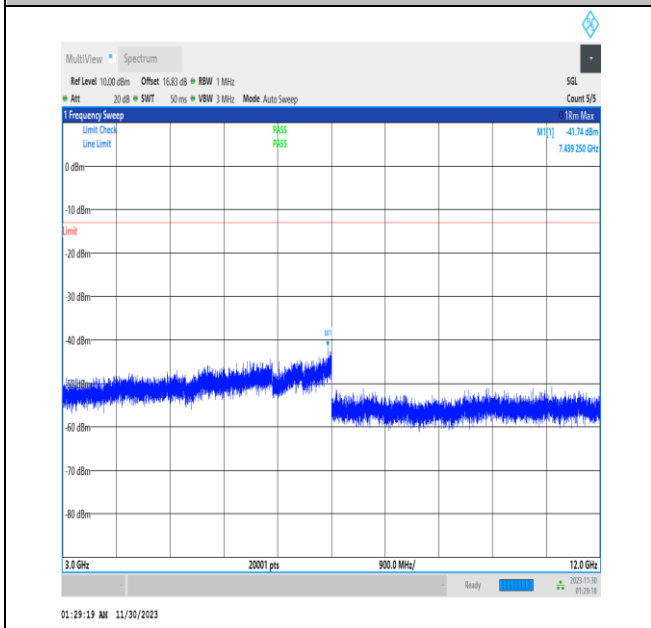
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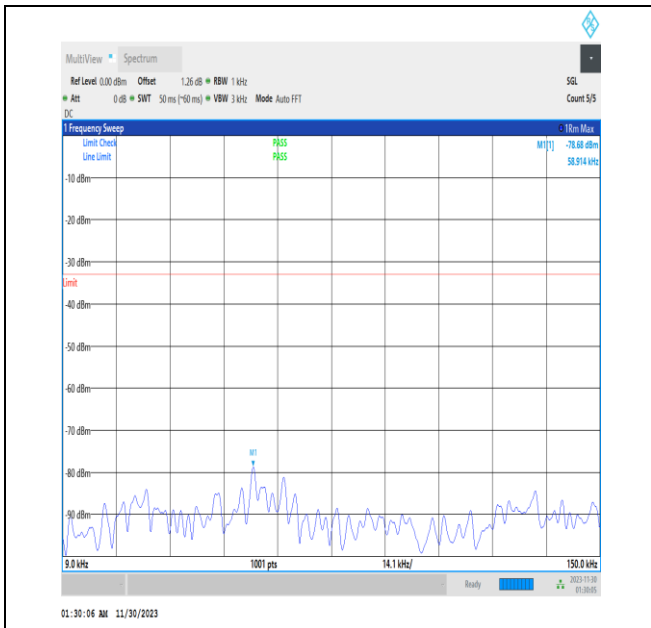


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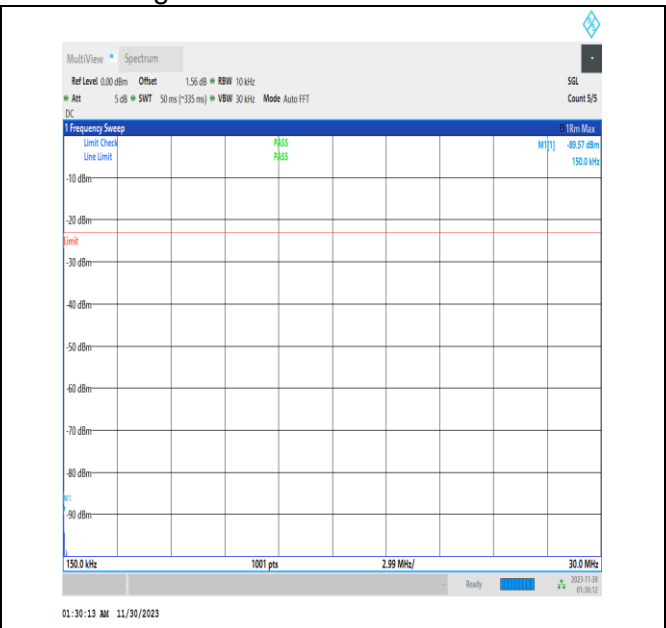
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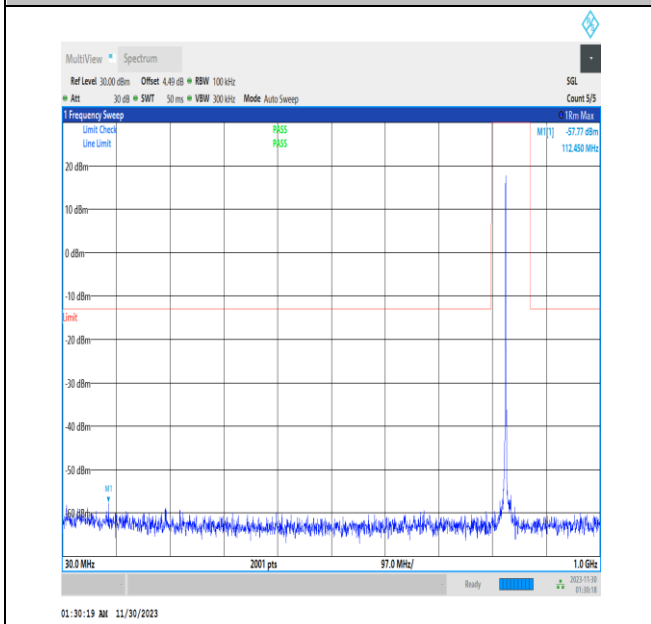


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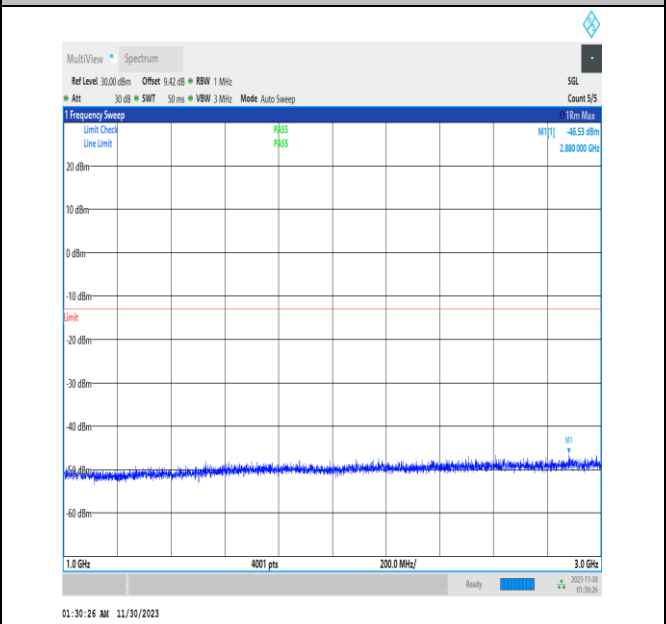
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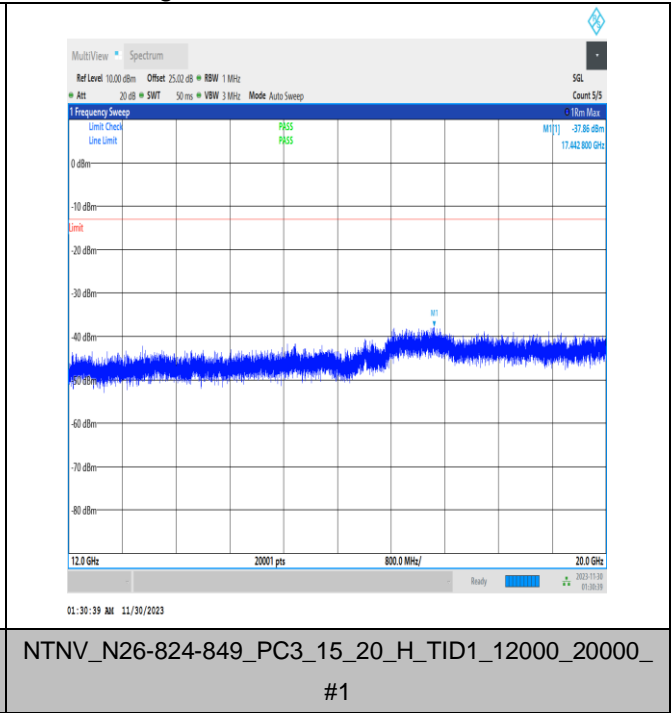
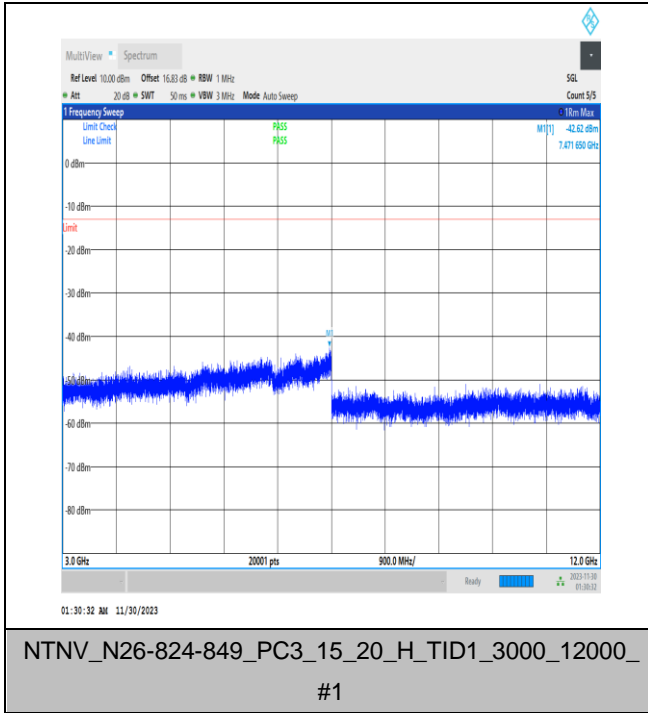
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Field Strength of Spurious Radiation

Test Band = SA Band26_20M_TM1

Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1341.7143	43.95	-48.08	25.13	-74.26	-13.00	61.26	Horizontal
2	2183.4286	40.01	-47.68	26.41	-76.52	-13.00	63.52	Horizontal
3	2874.2857	42.57	-46.66	28.05	-71.30	-13.00	58.30	Horizontal
4	3961.1429	41.65	-46.21	29.06	-70.76	-13.00	57.76	Horizontal
5	5201.1429	39.87	-44.99	31.88	-68.50	-13.00	55.50	Horizontal
6	6156.5714	39.41	-44.80	33.20	-67.45	-13.00	54.45	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1357.1429	44.33	-48.06	25.12	-73.86	-13.00	60.86	Vertical
2	1741.1429	44.02	-48.07	25.41	-73.90	-13.00	60.90	Vertical
3	2407.4286	43.09	-47.44	27.04	-72.57	-13.00	59.57	Vertical
4	3264.5714	42.76	-46.54	28.46	-70.58	-13.00	57.58	Vertical
5	4274.2857	41.79	-45.83	29.76	-69.54	-13.00	56.54	Vertical
6	5973.7143	40.36	-44.57	32.69	-66.78	-13.00	53.78	Vertical



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s (86-512) 62992980 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Test Band = SA Band26_20M_TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1462.8571	43.13	-48.20	25.13	-75.20	-13.00	62.20	Horizontal
2	2046.8571	41.32	-47.81	26.03	-75.72	-13.00	62.72	Horizontal
3	3176.5714	42.66	-46.40	28.41	-70.59	-13.00	57.59	Horizontal
4	3975.4286	42.19	-46.21	29.08	-70.20	-13.00	57.20	Horizontal
5	5728.5714	39.47	-44.60	32.65	-67.74	-13.00	54.74	Horizontal
6	6332	39.56	-44.65	33.76	-66.59	-13.00	53.59	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1656	44.50	-48.21	25.28	-73.69	-13.00	60.69	Vertical
2	2272	43.21	-47.55	26.66	-72.94	-13.00	59.94	Vertical
3	2939.4286	42.74	-46.55	28.18	-70.89	-13.00	57.89	Vertical
4	3954.2857	42.03	-46.21	29.05	-70.39	-13.00	57.39	Vertical
5	4977.1429	41.48	-45.76	31.35	-68.19	-13.00	55.19	Vertical
6	5967.4286	40.47	-44.61	32.69	-66.70	-13.00	53.70	Vertical



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Test Band = SA Band26_20M_TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1505.7143	40.63	-48.32	25.15	-77.79	-13.00	64.79	Horizontal
2	2268	41.77	-47.56	26.65	-74.40	-13.00	61.40	Horizontal
3	2974.2857	41.13	-46.53	28.25	-72.41	-13.00	59.41	Horizontal
4	3390.8571	40.62	-46.55	28.53	-72.66	-13.00	59.66	Horizontal
5	4585.1429	40.88	-45.76	30.49	-69.65	-13.00	56.65	Horizontal
6	5076	40.17	-45.48	31.58	-68.99	-13.00	55.99	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1127.4286	44.36	-48.37	25.24	-74.03	-13.00	61.03	Vertical
2	1541.7143	44.04	-48.30	25.17	-74.35	-13.00	61.35	Vertical
3	2095.4286	43.37	-47.72	26.17	-73.44	-13.00	60.44	Vertical
4	2926.2857	42.81	-46.56	28.15	-70.85	-13.00	57.85	Vertical
5	4489.1429	41.40	-45.63	30.27	-69.22	-13.00	56.22	Vertical
6	5957.7143	40.85	-44.66	32.69	-66.38	-13.00	53.38	Vertical



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Report No.: SEWM2311000447RG02
 Rev.: 01
 Page: 34 of 39

Test Band = NSA 7A_N26A_TM1
 Test Channel = Low

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2410.2857	43.44	-47.43	27.05	-72.20	-13.00	59.20	Horizontal
2	4123.4286	41.69	-45.91	29.40	-70.09	-13.00	57.09	Horizontal
3	5412	40.38	-44.99	32.39	-67.48	-13.00	54.48	Horizontal
4	6642.2857	39.84	-44.31	34.56	-65.17	-13.00	52.17	Horizontal
5	7867.4286	37.84	-42.72	36.75	-63.40	-13.00	50.40	Horizontal
6	8741.1429	35.72	-41.55	36.43	-64.66	-13.00	51.66	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1322.8571	45.01	-48.10	25.14	-73.21	-13.00	60.21	Vertical
2	1890.2857	44.00	-48.04	25.68	-73.62	-13.00	60.62	Vertical
3	3020.5714	43.16	-46.57	28.31	-70.35	-13.00	57.35	Vertical
4	4238.8571	41.47	-45.89	29.67	-70.01	-13.00	57.01	Vertical
5	5736.5714	40.45	-44.60	32.65	-66.77	-13.00	53.77	Vertical
6	7400	38.94	-43.26	36.32	-63.26	-13.00	50.26	Vertical



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 Wireless Laboratory

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Test Band = NSA 7A_N26A_TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1461.1429	43.36	-48.20	25.13	-74.97	-13.00	61.97	Horizontal
2	2093.7143	42.89	-47.72	26.16	-73.93	-13.00	60.93	Horizontal
3	2731.4286	42.95	-47.01	27.76	-71.56	-13.00	58.56	Horizontal
4	4436	41.81	-45.79	30.15	-69.09	-13.00	56.09	Horizontal
5	7245.7143	38.67	-43.69	35.89	-64.39	-13.00	51.39	Horizontal
6	8403.4286	37.17	-41.68	36.60	-63.17	-13.00	50.17	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1406.2857	44.41	-48.02	25.10	-73.77	-13.00	60.77	Vertical
2	2161.1429	43.76	-47.69	26.35	-72.84	-13.00	59.84	Vertical
3	2976	43.08	-46.53	28.25	-70.46	-13.00	57.46	Vertical
4	3503.4286	43.13	-46.53	28.60	-70.06	-13.00	57.06	Vertical
5	5472	40.99	-45.09	32.53	-66.83	-13.00	53.83	Vertical
6	6733.1429	40.09	-44.08	34.72	-64.53	-13.00	51.53	Vertical



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Test Band = NSA 7A_N26A_TM1

Test Channel = High

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1322.8571	44.58	-48.10	25.14	-73.64	-13.00	60.64	Horizontal
2	2092	42.97	-47.73	26.16	-73.86	-13.00	60.86	Horizontal
3	2865.7143	42.59	-46.69	28.03	-71.33	-13.00	58.33	Horizontal
4	4108.5714	41.51	-45.91	29.36	-70.29	-13.00	57.29	Horizontal
5	6333.1429	39.96	-44.65	33.77	-66.19	-13.00	53.19	Horizontal
6	7439.4286	38.53	-43.33	36.43	-63.63	-13.00	50.63	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1461.1429	44.98	-48.20	25.13	-73.35	-13.00	60.35	Vertical
2	2220	43.60	-47.64	26.52	-72.79	-13.00	59.79	Vertical
3	2927.4286	43.20	-46.56	28.15	-70.46	-13.00	57.46	Vertical
4	3549.1429	42.66	-46.44	28.65	-70.39	-13.00	57.39	Vertical
5	4951.4286	42.64	-45.70	31.29	-67.03	-13.00	54.03	Vertical
6	5969.1429	40.57	-44.60	32.69	-66.59	-13.00	53.59	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

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



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage											
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Limit	Verdict
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-6.300000	-0.007531	±2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-6.900000	-0.008249	±2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-5.600000	-0.006695	±2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	VH	NT	-0.700000	-0.000837	±2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	VN	NT	-2.700000	-0.003228	±2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	VL	NT	0.200000	0.000239	±2.5	PASS



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Frequency Error VS. Temperature

Temperature											
Band	SCS	Band width	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Limit	Verdict
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-6.200000	-0.007412	±2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-9.200000	-0.010998	±2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-7.900000	-0.009444	±2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-5.400000	-0.006455	±2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-7.300000	-0.008727	±2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-10.200000	-0.012194	±2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-5.900000	-0.007053	±2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-6.800000	-0.008129	±2.5	PASS
N26-824-849	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-6.900000	-0.008249	±2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	-30	-1.700000	-0.002032	±2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	-20	-2.800000	-0.003347	±2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	-10	-1.700000	-0.002032	±2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	0	-1.200000	-0.001435	±2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	10	-1.900000	-0.002271	±2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	20	-2.600000	-0.003108	±2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	30	-4.600000	-0.005499	±2.5	PASS
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	40	-4.600000	-0.005499	±2.5	PASS



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824-849											
N26-824-849	15	20	CP-QPSK	M	Outer_Full	NV	50	-3.300000	-0.003945	±2.5	PASS

---End of Attachment---



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