



Appendix B.50

NR Band n48



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Shenzhen Branch (Wireless Laboratory)

No.1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China 518057
中国·广东·深圳市南山区科技园中区M-10栋1号厂房

t (86-755) 26012053 www.sgs.com
t (86-755) 26012053 sgs.china@sgs.com

Effective (Isotropic) Radiated Power Output Data

Test Result

ANT2

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dBm/10MHz)	EIRP (dBm/10MHz)	Limit (dBm/10MHz)	Verdict
N48	30	10	DFT-QPSK	L	Inner_1RB_Left	21.04	22.04	23.00	PASS
N48	30	10	DFT-16QAM	L	Inner_1RB_Left	20.12	21.12	23.00	PASS
N48	30	10	DFT-QPSK	M	Inner_1RB_Left	21.28	22.28	23.00	PASS
N48	30	10	DFT-16QAM	M	Inner_1RB_Left	20.37	21.37	23.00	PASS
N48	30	10	DFT-QPSK	H	Inner_1RB_Left	21.11	22.11	23.00	PASS
N48	30	10	DFT-16QAM	H	Inner_1RB_Left	20.2	21.2	23.00	PASS
N48	30	20	DFT-QPSK	L	Inner_1RB_Left	21.35	22.35	23.00	PASS
N48	30	20	DFT-16QAM	L	Inner_1RB_Left	20.38	21.38	23.00	PASS
N48	30	20	DFT-QPSK	M	Inner_1RB_Left	21.4	22.4	23.00	PASS
N48	30	20	DFT-16QAM	M	Inner_1RB_Left	20.45	21.45	23.00	PASS
N48	30	20	DFT-QPSK	H	Inner_1RB_Left	21.28	22.28	23.00	PASS
N48	30	20	DFT-16QAM	H	Inner_1RB_Left	20.33	21.33	23.00	PASS
N48	30	30	DFT-QPSK	L	Inner_1RB_Left	21.28	22.28	23.00	PASS
N48	30	30	DFT-16QAM	L	Inner_1RB_Left	20.37	21.37	23.00	PASS
N48	30	30	DFT-QPSK	M	Inner_1RB_Left	21.61	22.61	23.00	PASS
N48	30	30	DFT-16QAM	M	Inner_1RB_Left	20.63	21.63	23.00	PASS
N48	30	30	DFT-QPSK	H	Inner_1RB_Left	21.23	22.23	23.00	PASS
N48	30	30	DFT-16QAM	H	Inner_1RB_Left	20.33	21.33	23.00	PASS
N48	30	40	DFT-PI2BPSK	L	Inner_1RB_Left	21.31	22.31	23.00	PASS
N48	30	40	DFT-PI2BPSK	L	Inner_1RB_Right	21.49	22.49	23.00	PASS



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N48	30	40	DFT-PI2BPSK	L	Outer_Full	20.88	21.88	23.00	PASS
N48	30	40	DFT-QPSK	L	Inner_1RB_Left	21.28	22.28	23.00	PASS
N48	30	40	DFT-QPSK	L	Inner_1RB_Right	21.39	22.39	23.00	PASS
N48	30	40	DFT-QPSK	L	Outer_Full	20.27	21.27	23.00	PASS
N48	30	40	DFT-16QAM	L	Inner_1RB_Left	20.2	21.2	23.00	PASS
N48	30	40	DFT-16QAM	L	Inner_1RB_Right	20.48	21.48	23.00	PASS
N48	30	40	DFT-16QAM	L	Outer_Full	19.74	20.74	23.00	PASS
N48	30	40	DFT-64QAM	L	Inner_1RB_Left	19.13	20.13	23.00	PASS
N48	30	40	DFT-64QAM	L	Inner_1RB_Right	19.21	20.21	23.00	PASS
N48	30	40	DFT-64QAM	L	Outer_Full	18.56	19.56	23.00	PASS
N48	30	40	DFT-256QAM	L	Inner_1RB_Left	16.7	17.7	23.00	PASS
N48	30	40	DFT-256QAM	L	Inner_1RB_Right	16.85	17.85	23.00	PASS
N48	30	40	DFT-256QAM	L	Outer_Full	16.73	17.73	23.00	PASS
N48	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	21.67	22.67	23.00	PASS
N48	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	21.36	22.36	23.00	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	20.86	21.86	23.00	PASS
N48	30	40	DFT-QPSK	M	Inner_1RB_Left	21.62	22.62	23.00	PASS
N48	30	40	DFT-QPSK	M	Inner_1RB_Right	21.4	22.4	23.00	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	20.37	21.37	23.00	PASS
N48	30	40	DFT-16QAM	M	Inner_1RB_Left	20.66	21.66	23.00	PASS
N48	30	40	DFT-16QAM	M	Inner_1RB_Right	20.43	21.43	23.00	PASS
N48	30	40	DFT-16QAM	M	Outer_Full	19.31	20.31	23.00	PASS
N48	30	40	DFT-64QAM	M	Inner_1RB_Left	19.1	20.1	23.00	PASS
N48	30	40	DFT-64QAM	M	Inner_1RB_Right	18.82	19.82	23.00	PASS
N48	30	40	DFT-64QAM	M	Outer_Full	18.87	19.87	23.00	PASS



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N48	30	40	DFT-256QAM	M	Inner_1RB_Left	17	18	23.00	PASS
N48	30	40	DFT-256QAM	M	Inner_1RB_Right	16.68	17.68	23.00	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	16.85	17.85	23.00	PASS
N48	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	21.38	22.38	23.00	PASS
N48	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	21.4	22.4	23.00	PASS
N48	30	40	DFT-PI2BPSK	H	Outer_Full	20.79	21.79	23.00	PASS
N48	30	40	DFT-QPSK	H	Inner_1RB_Left	21.4	22.4	23.00	PASS
N48	30	40	DFT-QPSK	H	Inner_1RB_Right	21.42	22.42	23.00	PASS
N48	30	40	DFT-QPSK	H	Outer_Full	20.32	21.32	23.00	PASS
N48	30	40	DFT-16QAM	H	Inner_1RB_Left	20.39	21.39	23.00	PASS
N48	30	40	DFT-16QAM	H	Inner_1RB_Right	20.42	21.42	23.00	PASS
N48	30	40	DFT-16QAM	H	Outer_Full	19.31	20.31	23.00	PASS
N48	30	40	DFT-64QAM	H	Inner_1RB_Left	18.89	19.89	23.00	PASS
N48	30	40	DFT-64QAM	H	Inner_1RB_Right	18.99	19.99	23.00	PASS
N48	30	40	DFT-64QAM	H	Outer_Full	18.85	19.85	23.00	PASS
N48	30	40	DFT-256QAM	H	Inner_1RB_Left	16.69	17.69	23.00	PASS
N48	30	40	DFT-256QAM	H	Inner_1RB_Right	16.74	17.74	23.00	PASS
N48	30	40	DFT-256QAM	H	Outer_Full	16.8	17.8	23.00	PASS



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Test Result for MIMO

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power Ant2	Power Ant0	Total Power (dBm/10MHz)	EIRP (dBm/10MHz)	Verdict
N48	30	10	CP-QPSK	L	Inner_1RB_Left	16.7	15.34	19.08	20.08	PASS
N48	30	10	CP-16QAM	L	Inner_1RB_Left	16.45	14.84	18.73	19.73	PASS
N48	30	10	CP-QPSK	M	Inner_1RB_Left	16.83	15.89	19.4	20.4	PASS
N48	30	10	CP-16QAM	M	Inner_1RB_Left	16.45	15.23	18.89	19.89	PASS
N48	30	10	CP-QPSK	H	Inner_1RB_Left	16.67	15.18	19	20	PASS
N48	30	10	CP-16QAM	H	Inner_1RB_Left	16.44	14.74	18.68	19.68	PASS
N48	30	20	CP-QPSK	L	Inner_1RB_Left	16.9	15.51	19.27	20.27	PASS
N48	30	20	CP-16QAM	L	Inner_1RB_Left	16.62	14.99	18.89	19.89	PASS
N48	30	20	CP-QPSK	M	Inner_1RB_Left	17.01	15.67	19.4	20.4	PASS
N48	30	20	CP-16QAM	M	Inner_1RB_Left	16.69	15.17	19.01	20.01	PASS
N48	30	20	CP-QPSK	H	Inner_1RB_Left	16.88	15.81	19.39	20.39	PASS
N48	30	20	CP-16QAM	H	Inner_1RB_Left	16.31	15.29	18.84	19.84	PASS
N48	30	30	CP-QPSK	L	Inner_1RB_Left	16.87	15.58	19.28	20.28	PASS
N48	30	30	CP-16QAM	L	Inner_1RB_Left	16.63	15.11	18.95	19.95	PASS
N48	30	30	CP-QPSK	M	Inner_1RB_Left	17.13	15.55	19.42	20.42	PASS
N48	30	30	CP-16QAM	M	Inner_1RB_Left	16.82	15.05	19.03	20.03	PASS
N48	30	30	CP-QPSK	H	Inner_1RB_Left	16.87	15.95	19.44	20.44	PASS
N48	30	30	CP-16QAM	H	Inner_1RB_Left	16.58	15.46	19.07	20.07	PASS
N48	30	40	CP-QPSK	L	Inner_1RB_Left	16.89	15.5	19.26	20.26	PASS
N48	30	40	CP-QPSK	L	Inner_1RB_Right	17.18	15.98	19.63	20.63	PASS



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N48	30	40	CP-QPSK	L	Outer_Full	13.99	12.73	16.42	17.42	PASS
N48	30	40	CP-16QAM	L	Inner_1RB_Left	16.67	14.91	18.89	19.89	PASS
N48	30	40	CP-16QAM	L	Inner_1RB_Right	16.72	15.42	19.13	20.13	PASS
N48	30	40	CP-16QAM	L	Outer_Full	14.03	12.75	16.45	17.45	PASS
N48	30	40	CP-64QAM	L	Inner_1RB_Left	15.14	13.36	17.35	18.35	PASS
N48	30	40	CP-64QAM	L	Inner_1RB_Right	15.17	13.92	17.6	18.6	PASS
N48	30	40	CP-64QAM	L	Outer_Full	13.01	11.78	15.45	16.45	PASS
N48	30	40	CP-256QAM	L	Inner_1RB_Left	13.21	11.54	15.47	16.47	PASS
N48	30	40	CP-256QAM	L	Inner_1RB_Right	13.37	12.04	15.77	16.77	PASS
N48	30	40	CP-256QAM	L	Outer_Full	13.04	11.82	15.48	16.48	PASS
N48	30	40	CP-QPSK	M	Inner_1RB_Left	17.23	15.54	19.48	20.48	PASS
N48	30	40	CP-QPSK	M	Inner_1RB_Right	16.99	15.59	19.36	20.36	PASS
N48	30	40	CP-QPSK	M	Outer_Full	14	12.53	16.34	17.34	PASS
N48	30	40	CP-16QAM	M	Inner_1RB_Left	16.81	14.97	19	20	PASS
N48	30	40	CP-16QAM	M	Inner_1RB_Right	16.39	14.97	18.75	19.75	PASS
N48	30	40	CP-16QAM	M	Outer_Full	13.98	12.49	16.31	17.31	PASS
N48	30	40	CP-64QAM	M	Inner_1RB_Left	15.24	13.45	17.45	18.45	PASS
N48	30	40	CP-64QAM	M	Inner_1RB_Right	14.99	13.5	17.32	18.32	PASS
N48	30	40	CP-64QAM	M	Outer_Full	12.99	11.63	15.37	16.37	PASS
N48	30	40	CP-256QAM	M	Inner_1RB_Left	13.36	11.63	15.59	16.59	PASS
N48	30	40	CP-256QAM	M	Inner_1RB_Right	13.06	11.52	15.37	16.37	PASS
N48	30	40	CP-256QAM	M	Outer_Full	13.02	11.68	15.41	16.41	PASS
N48	30	40	CP-QPSK	H	Inner_1RB_Left	16.87	15.75	19.36	20.36	PASS
N48	30	40	CP-QPSK	H	Inner_1RB_Right	17.11	15.82	19.52	20.52	PASS



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N48	30	40	CP-QPSK	H	Outer_Full	13.93	12.86	16.44	17.44	PASS
N48	30	40	CP-16QAM	H	Inner_1RB_Left	16.67	15.16	18.99	19.99	PASS
N48	30	40	CP-16QAM	H	Inner_1RB_Right	16.6	15.14	18.94	19.94	PASS
N48	30	40	CP-16QAM	H	Outer_Full	13.86	12.81	16.38	17.38	PASS
N48	30	40	CP-64QAM	H	Inner_1RB_Left	15.06	13.63	17.41	18.41	PASS
N48	30	40	CP-64QAM	H	Inner_1RB_Right	15.2	13.75	17.55	18.55	PASS
N48	30	40	CP-64QAM	H	Outer_Full	12.89	11.85	15.41	16.41	PASS
N48	30	40	CP-256QAM	H	Inner_1RB_Left	13.11	11.86	15.54	16.54	PASS
N48	30	40	CP-256QAM	H	Inner_1RB_Right	13.23	11.83	15.6	16.6	PASS
N48	30	40	CP-256QAM	H	Outer_Full	12.96	11.89	15.47	16.47	PASS



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Peak-to-Average Ratio for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Limit	Verdict
N48	30	30	DFT-256QAM	L	Outer_Full	9.52	≤13	PASS
N48	30	30	CP-256QAM	L	Outer_Full	9.64	≤13	PASS
N48	30	30	DFT-256QAM	M	Outer_Full	9.80	≤13	PASS
N48	30	30	CP-256QAM	M	Outer_Full	9.94	≤13	PASS
N48	30	30	DFT-256QAM	H	Outer_Full	9.26	≤13	PASS
N48	30	30	CP-256QAM	H	Outer_Full	9.90	≤13	PASS

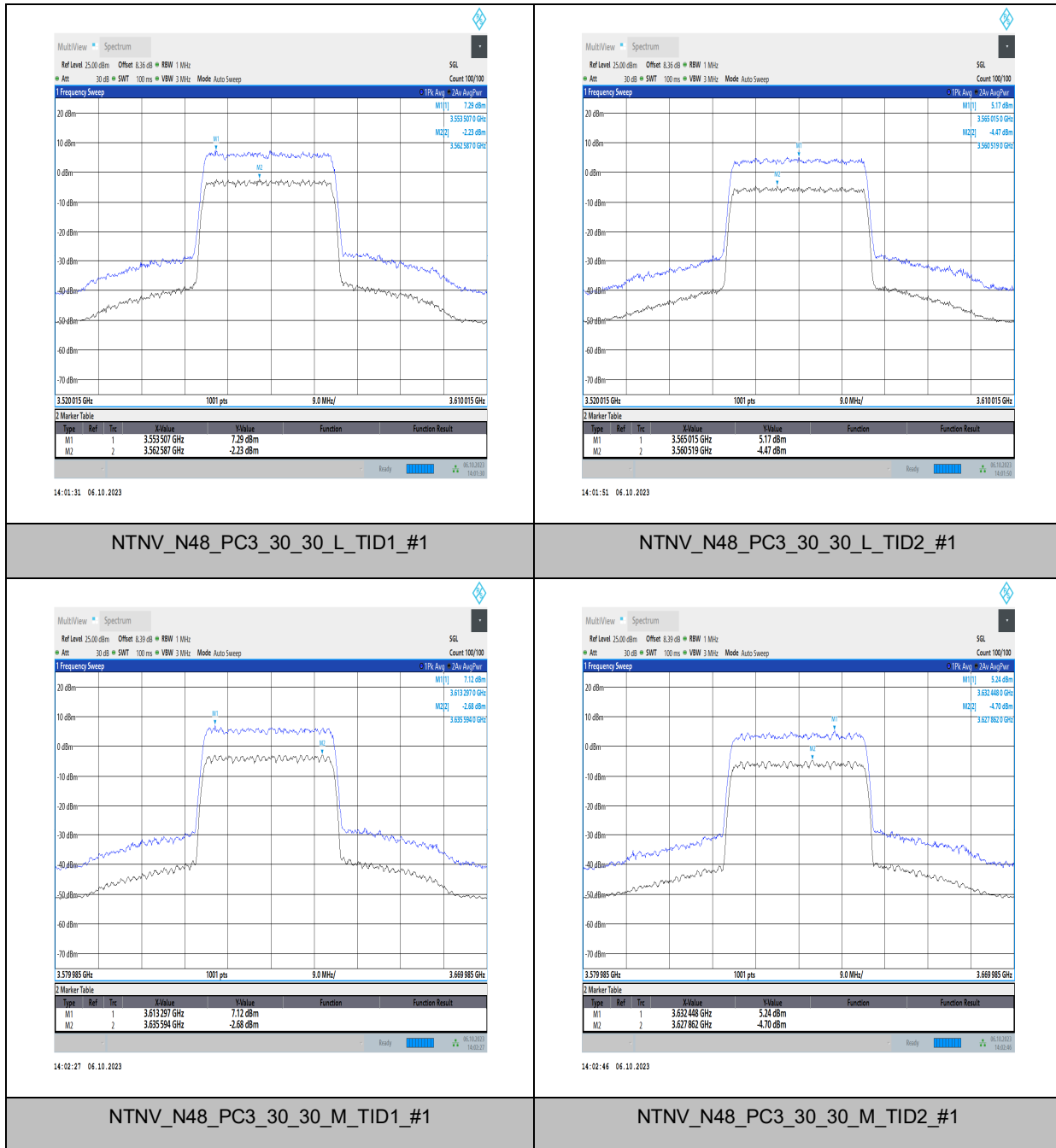


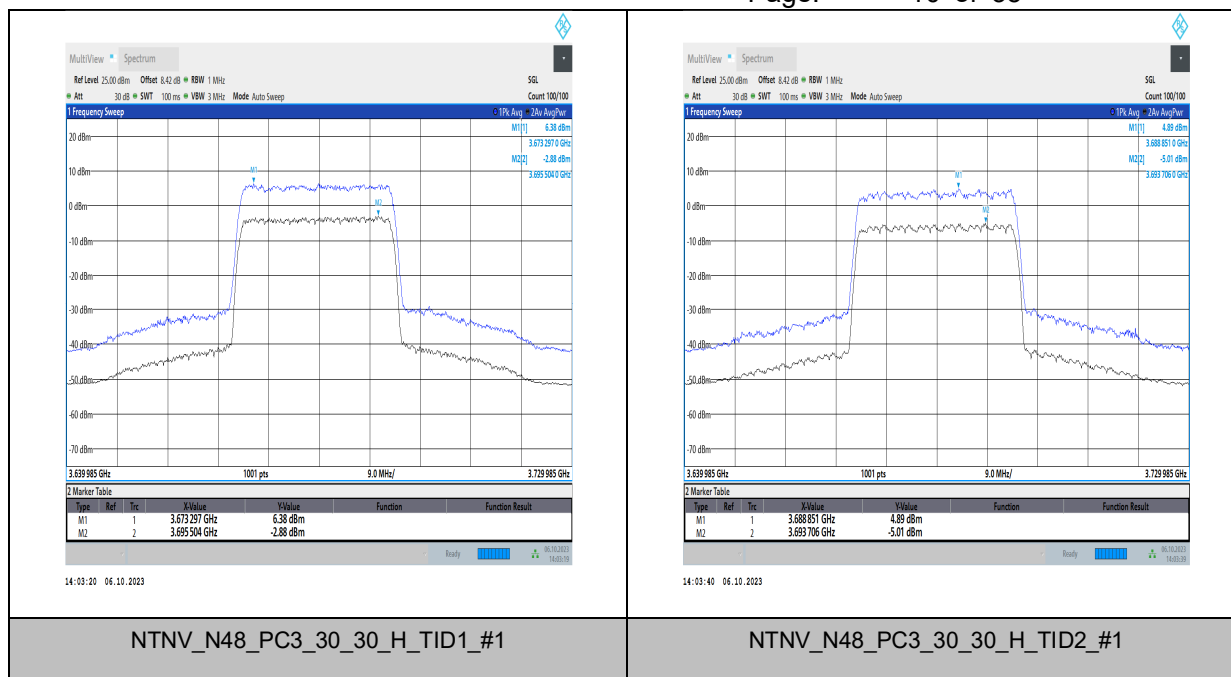
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Test Graphs





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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (99%)	Result (26dB)	Verdict
N48	30	30	DFT-QPSK	M	Outer_Full	26.716	28.200	PASS
N48	30	30	DFT-PI2BPSK	M	Outer_Full	26.754	28.200	PASS
N48	30	30	DFT-16QAM	M	Outer_Full	26.775	27.960	PASS
N48	30	30	DFT-64QAM	M	Outer_Full	26.765	27.900	PASS
N48	30	30	DFT-256QAM	M	Outer_Full	26.926	28.020	PASS
N48	30	30	CP-QPSK	M	Outer_Full	27.864	29.160	PASS
N48	30	30	CP-16QAM	M	Outer_Full	27.773	29.400	PASS
N48	30	30	CP-64QAM	M	Outer_Full	27.75	29.460	PASS
N48	30	30	CP-256QAM	M	Outer_Full	27.883	29.340	PASS





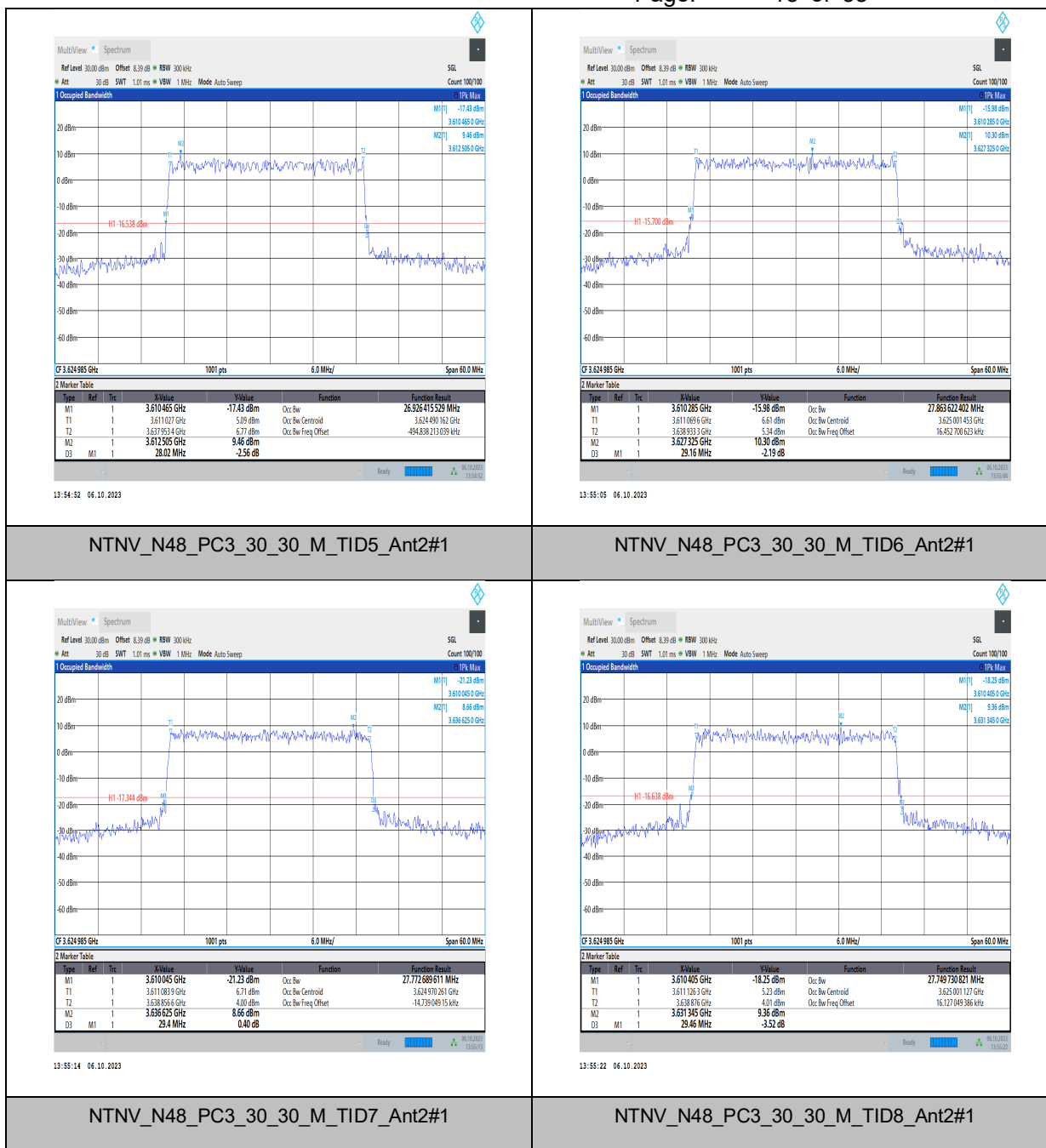
Test Graphs

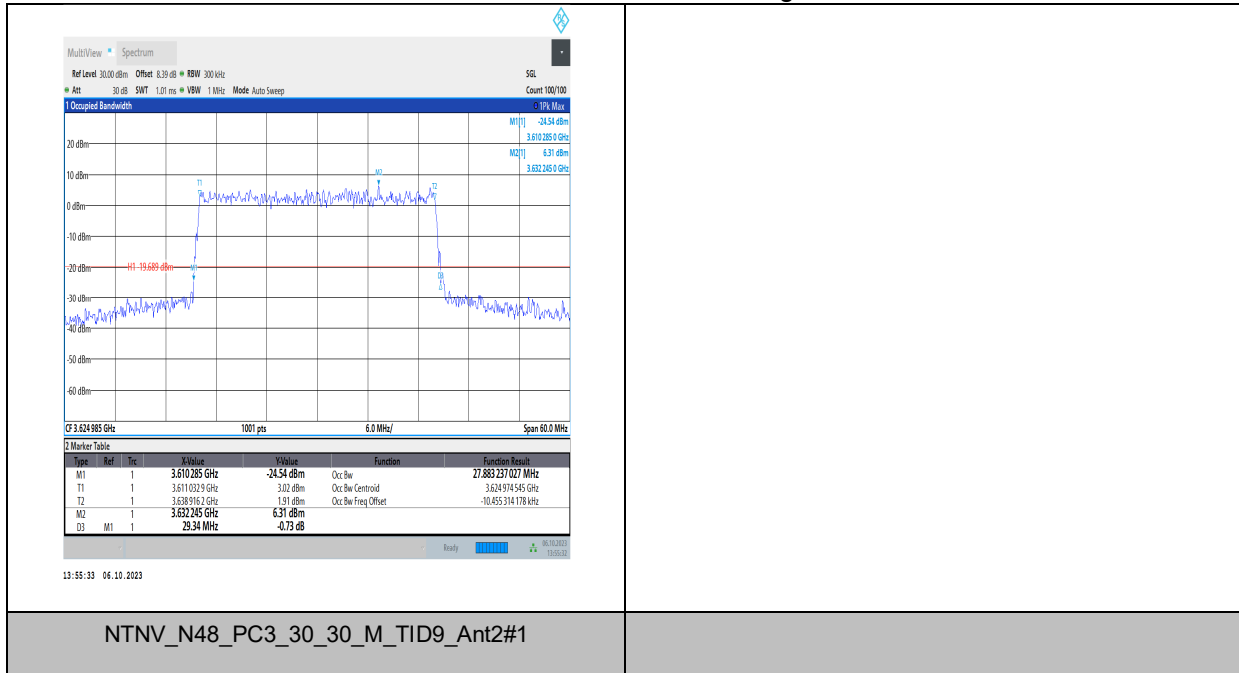


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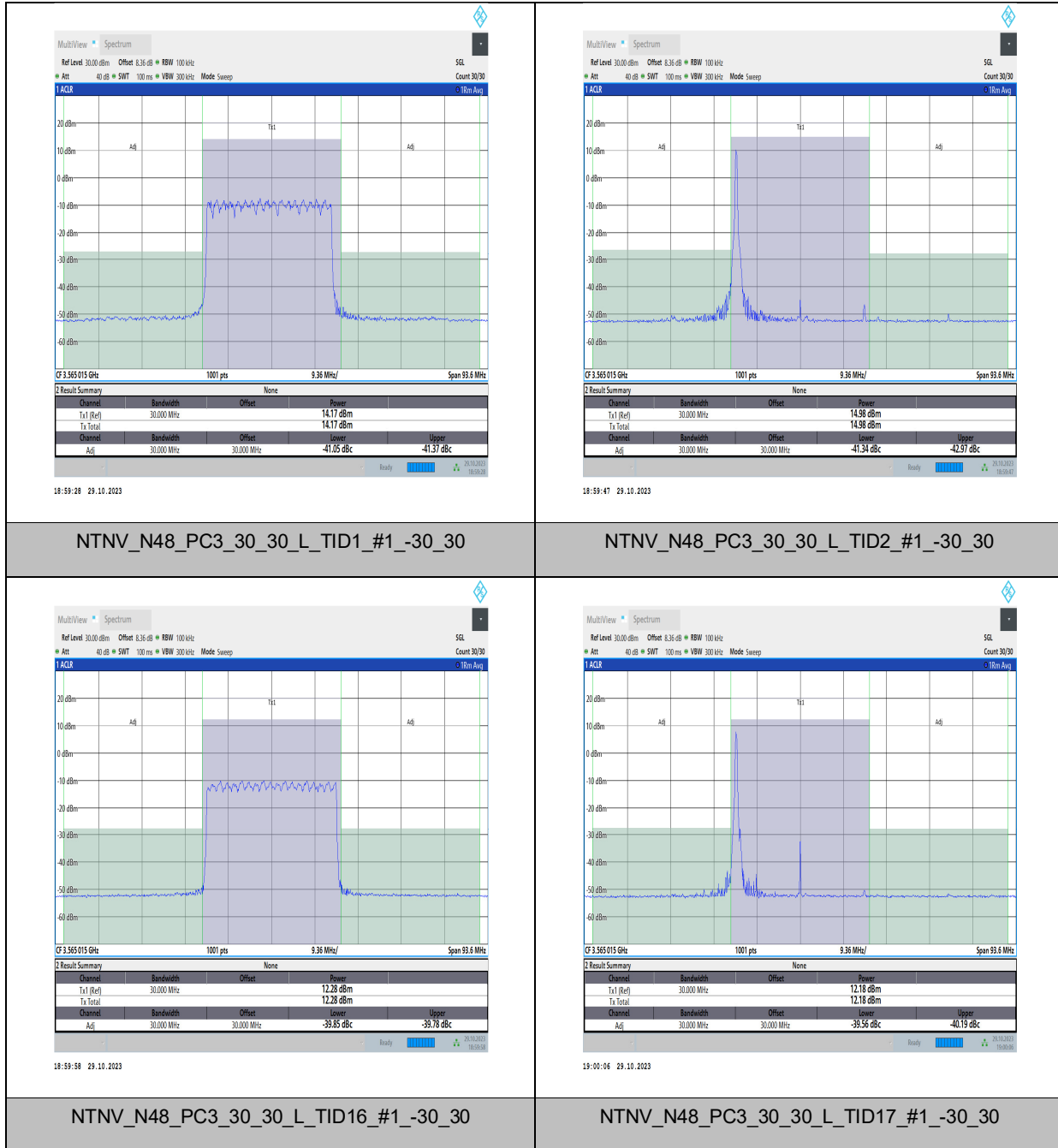
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ACLR for SA

Test Graphs

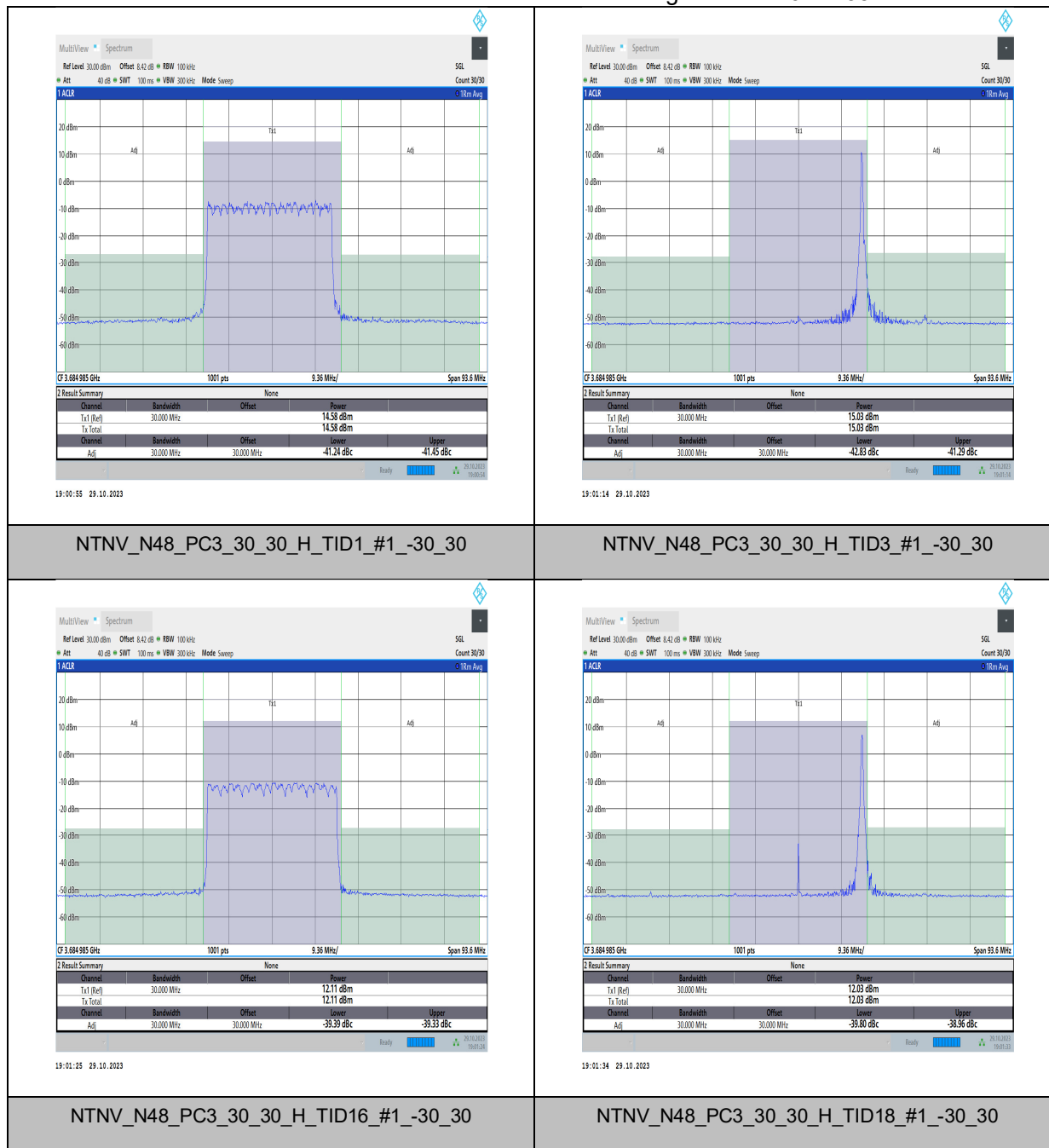


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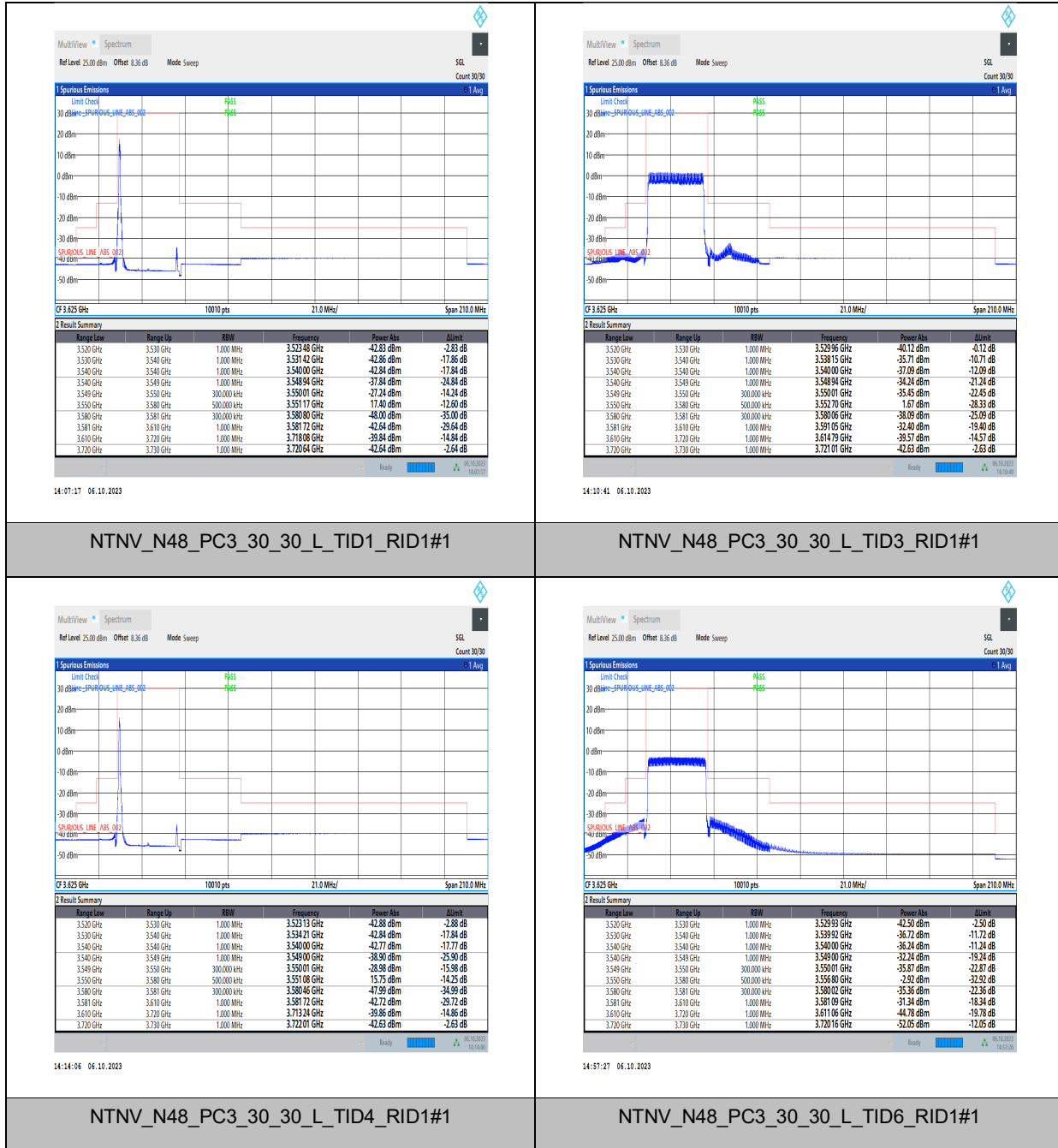
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Band Edge for SA

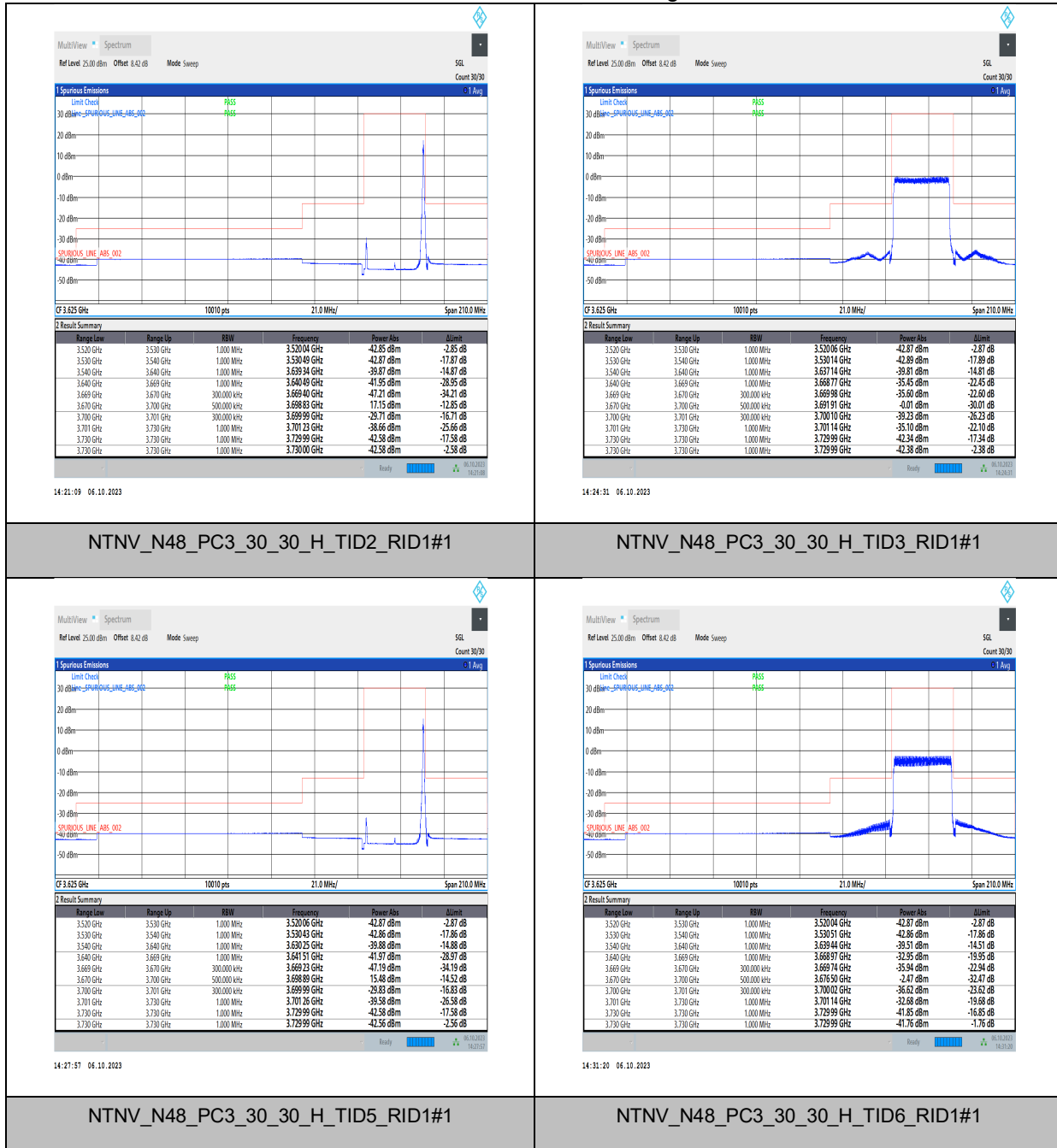
Test Graphs



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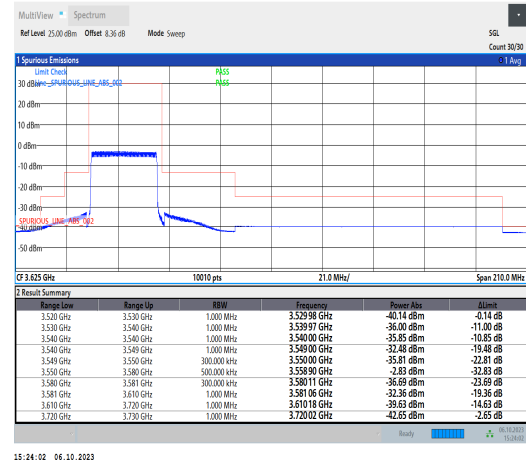
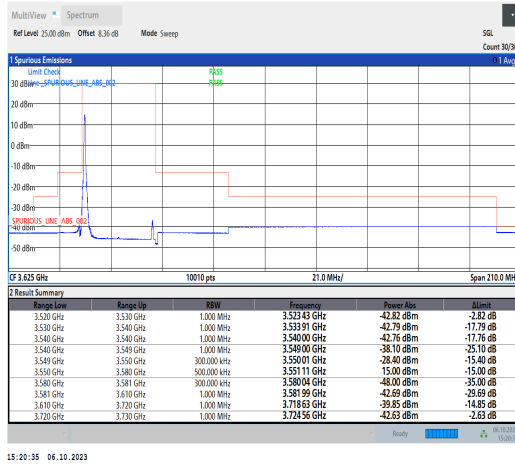
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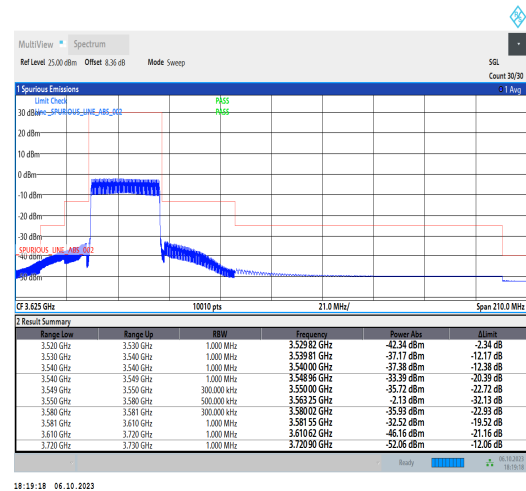
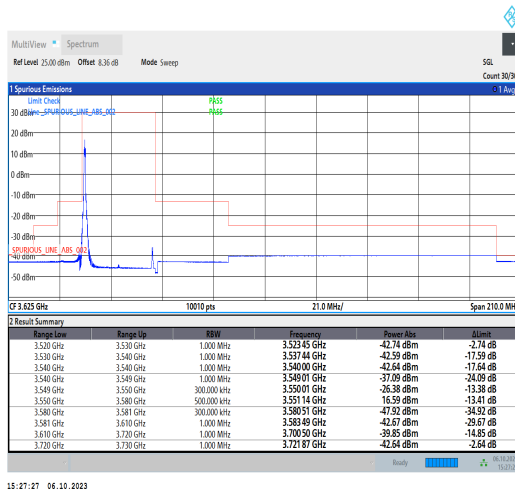
Band Edge for MIMO ANT2

Test Graphs



1-N48-PC3-30-30-L-1-DFT-PI2BPSK-Edge_1RB_Le ft_1@0-Ant2-1--PASS-see graph

1-N48-PC3-30-30-L-3-DFT-PI2BPSK-Outer_Full -75@0-Ant2-1--PASS-see graph



1-N48-PC3-30-30-L-4-CP-QPSK-Edge_1RB_Left-1 @0-Ant2-1--PASS-see graph

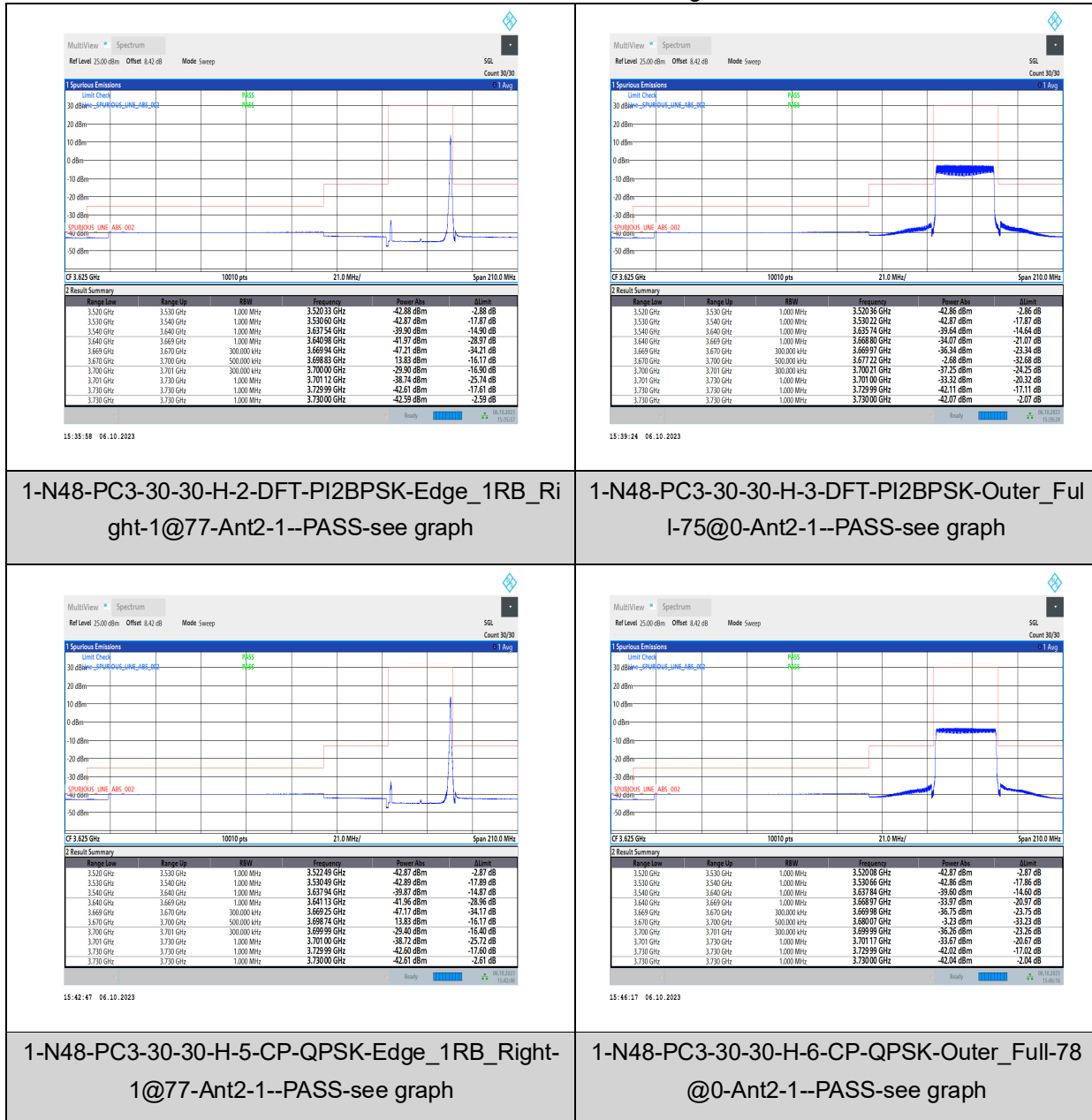
1-N48-PC3-30-30-L-6-CP-QPSK-Outer_Full-78 @0-Ant2-1--PASS-see graph



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Conducted Spurious Emission for SA

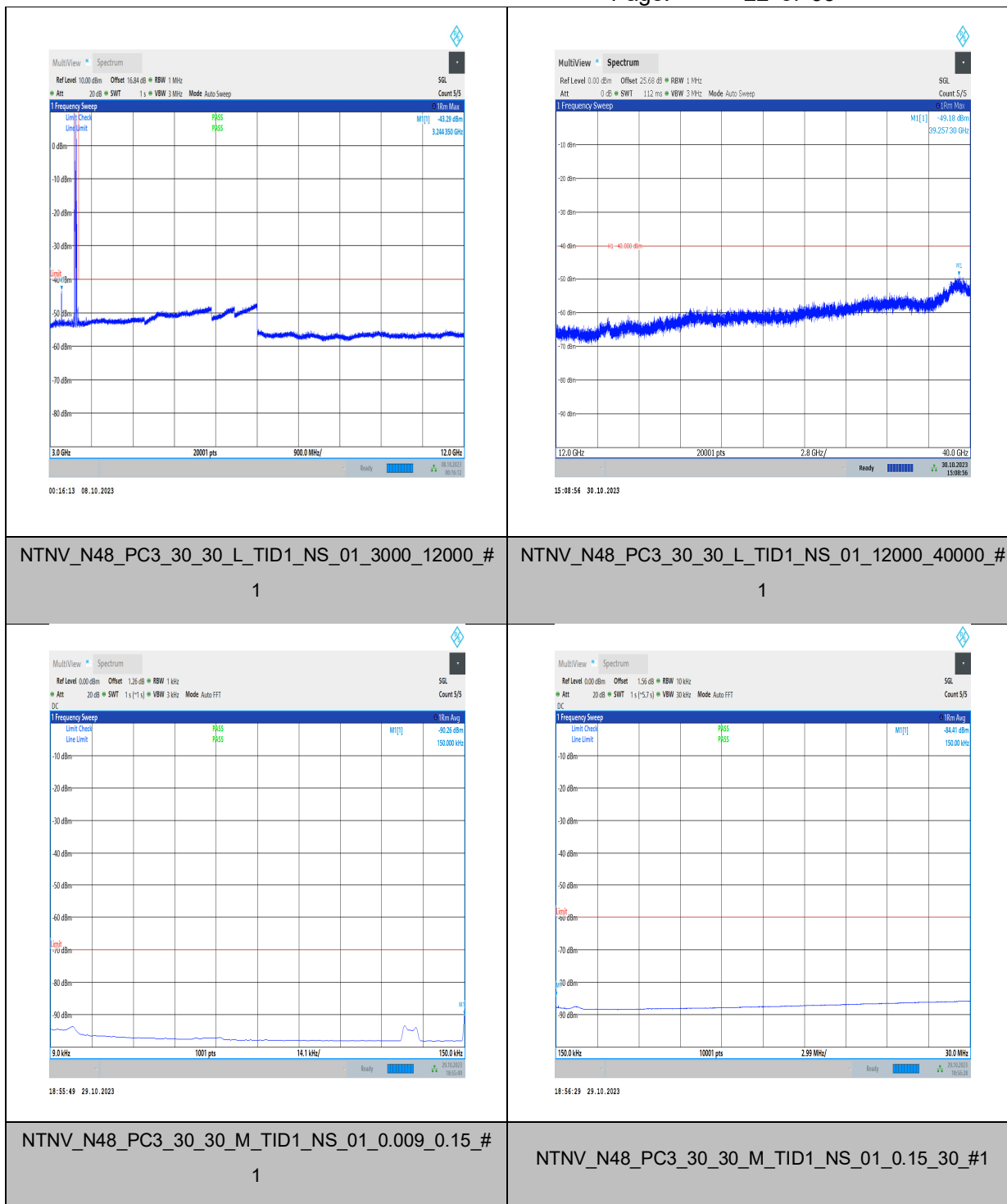
Test Graphs



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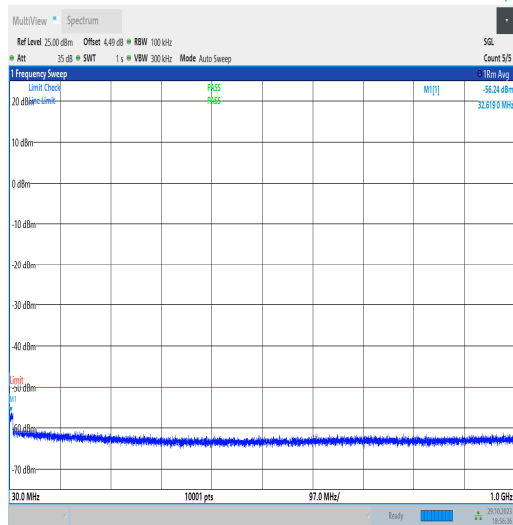
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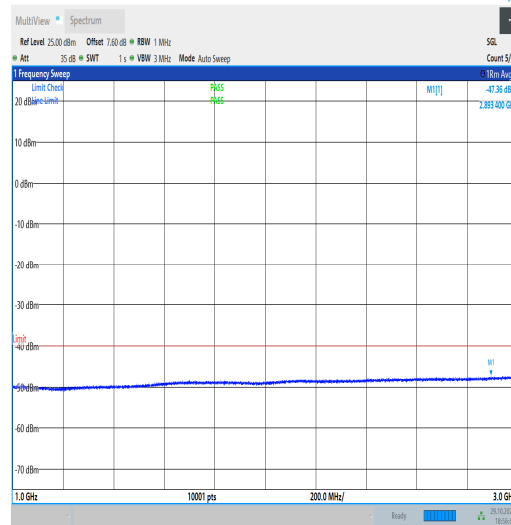
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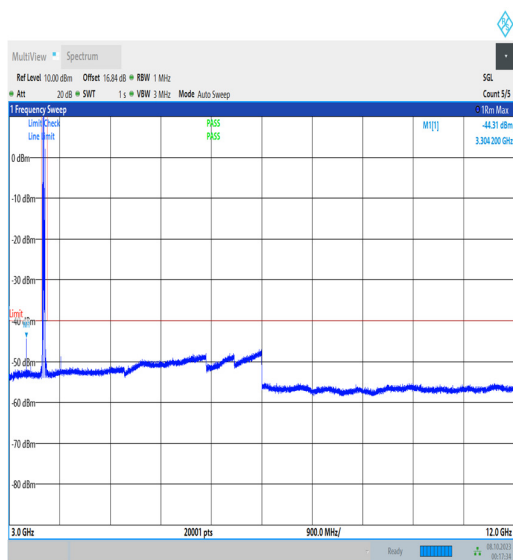
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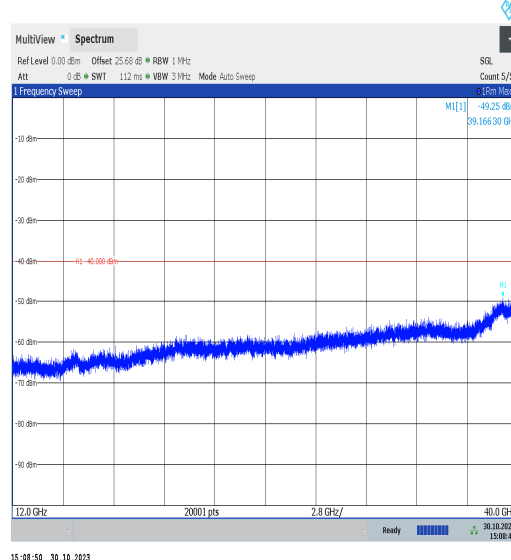
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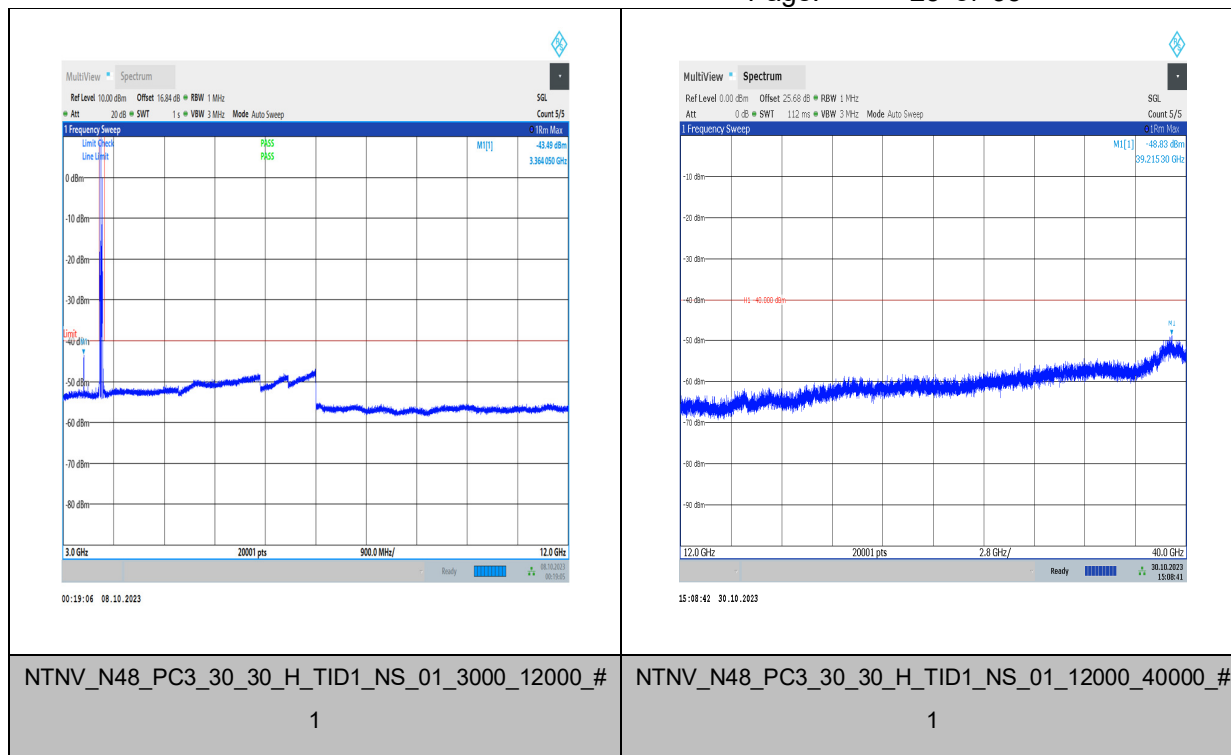


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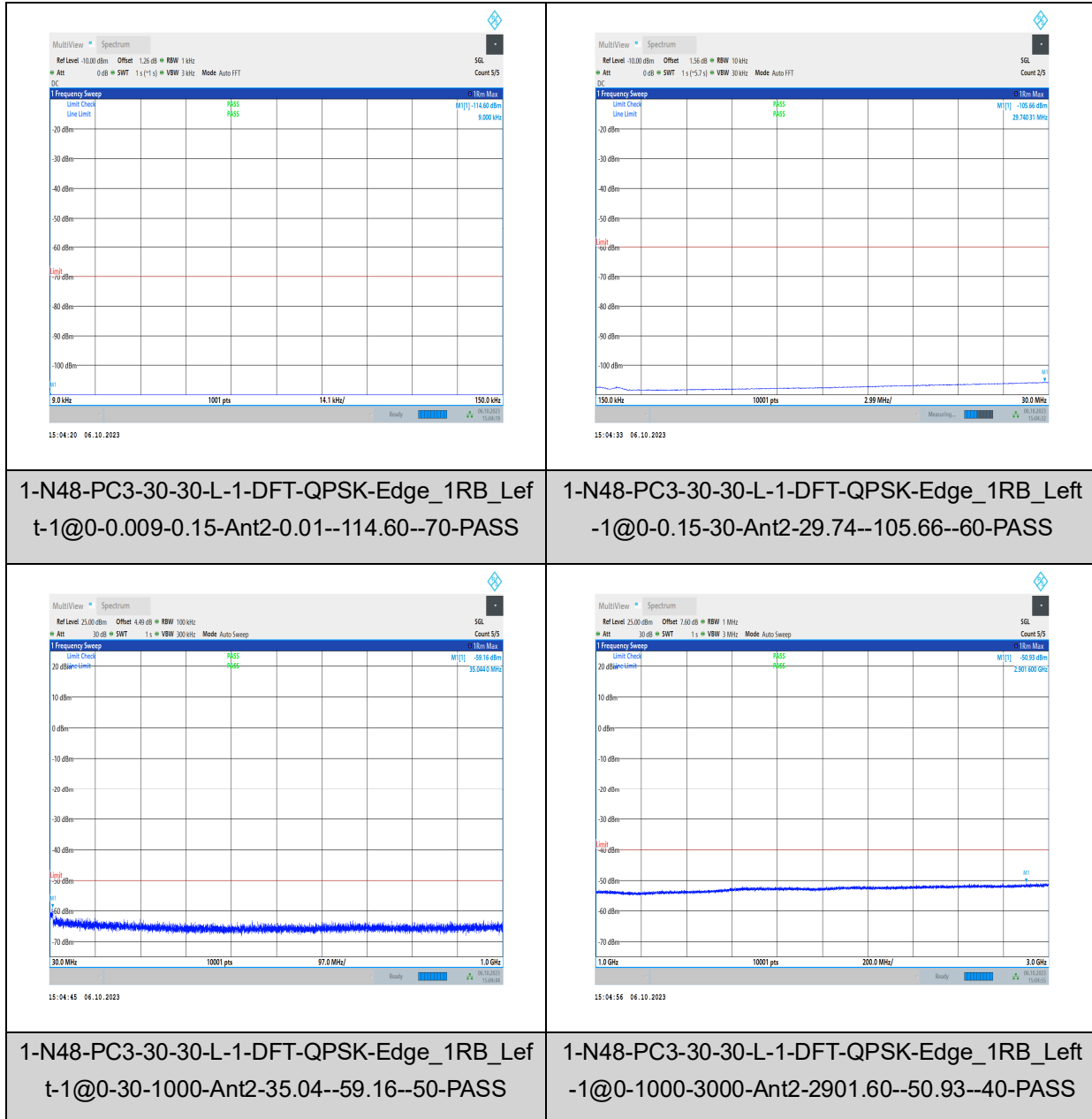






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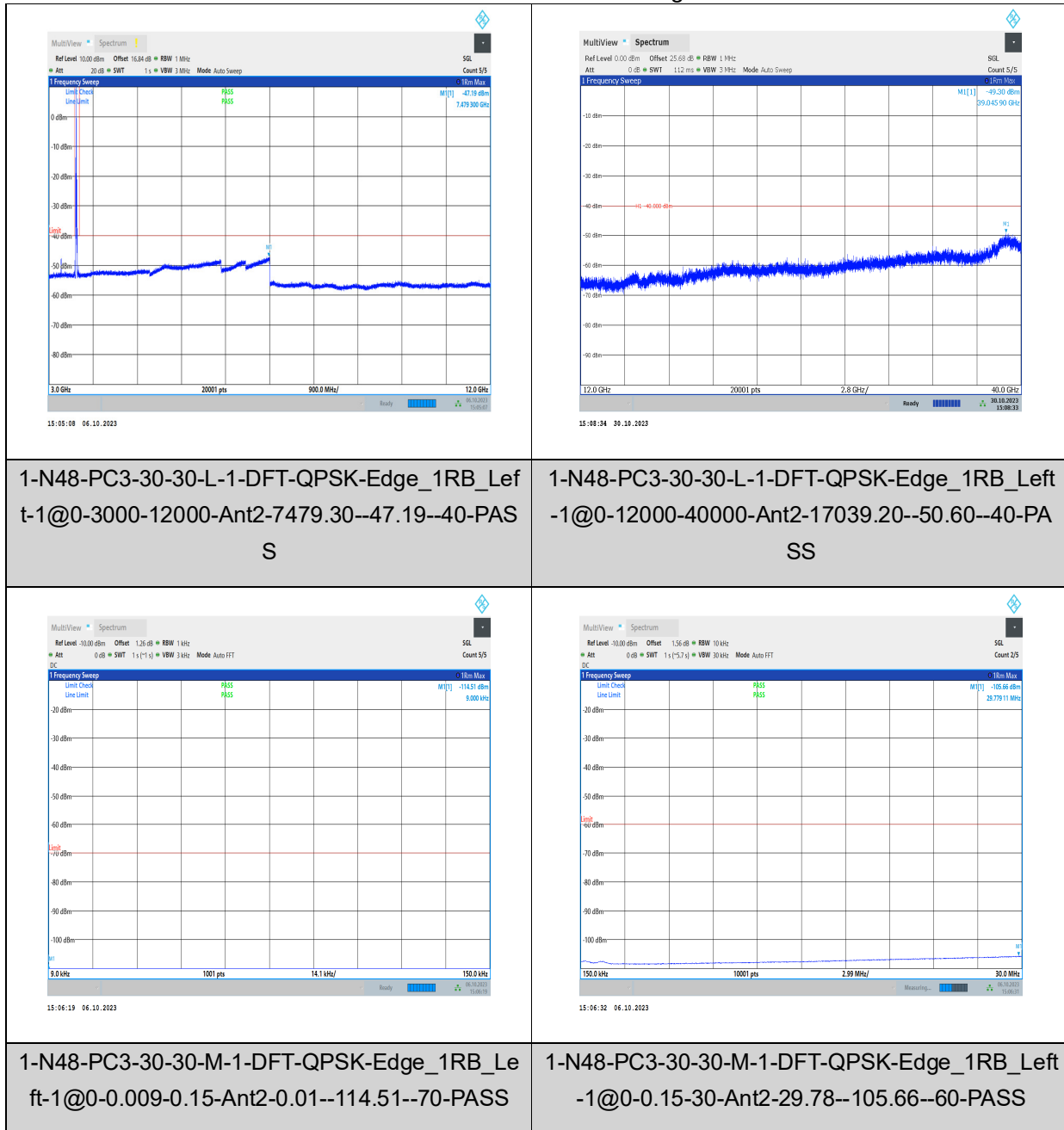
Test Graphs



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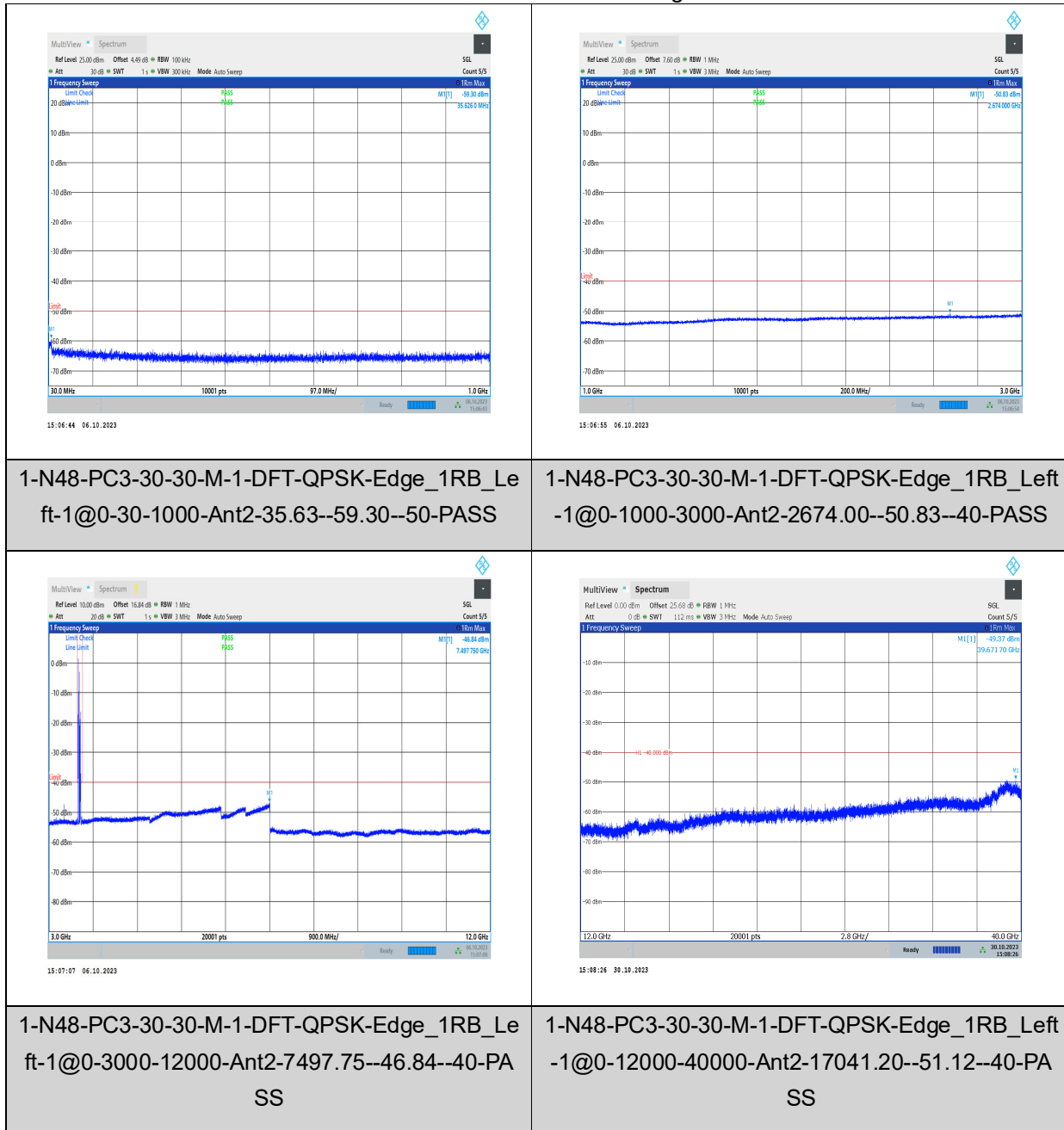
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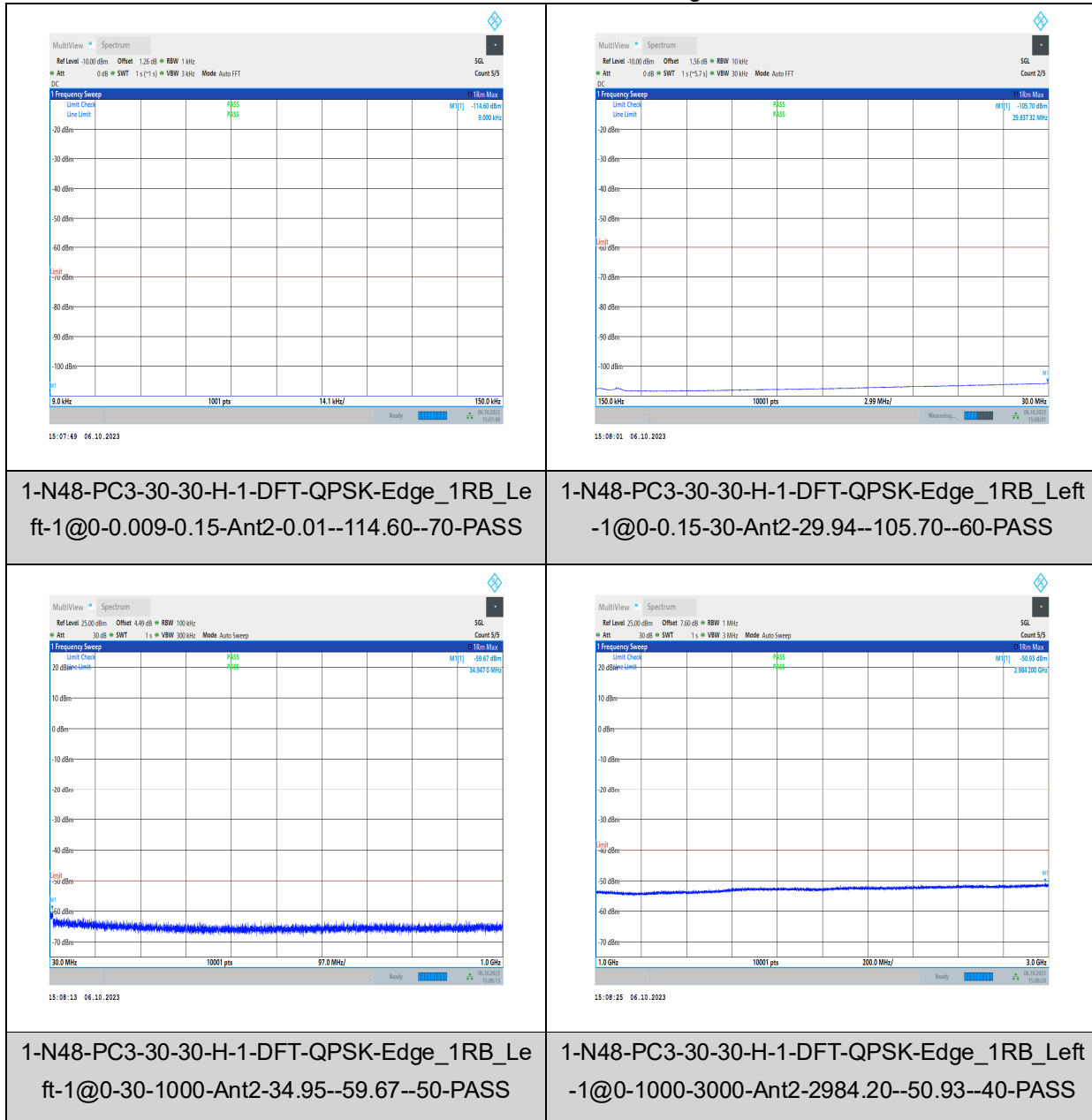


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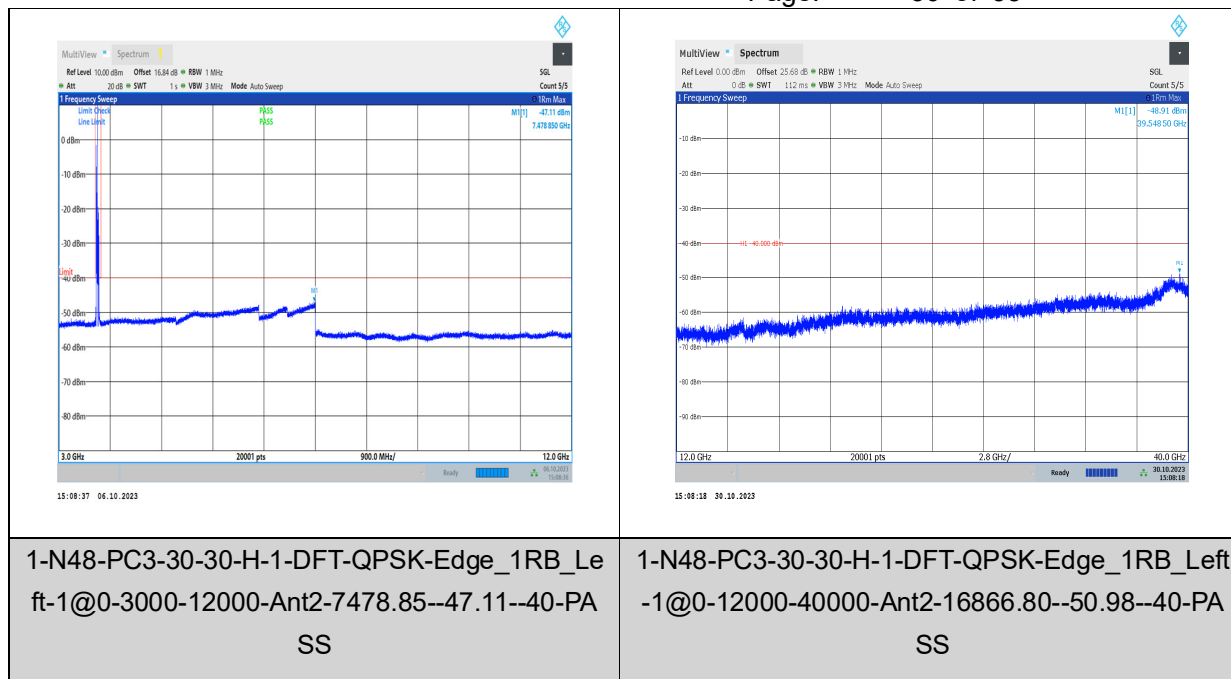




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Field Strength of Spurious Radiation

Test Band = NR SA Band 48_TM1

Test Channel = Low Channel

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7241.2708	40.75	-43.40	35.88	-62.03	-40.00	22.03	Horizontal
2	8409.9583	37.55	-41.55	36.60	-62.66	-40.00	22.66	Horizontal
3	9633.75	33.78	-39.13	37.50	-63.11	-40.00	23.11	Horizontal
4	11457.4583	28.54	-37.04	38.75	-65.01	-40.00	25.01	Horizontal
5	13850.8958	27.23	-35.70	40.63	-63.10	-40.00	23.10	Horizontal
6	16492.0625	27.73	-33.41	40.73	-60.22	-40.00	20.22	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7241.2708	42.29	-43.40	35.88	-60.49	-40.00	20.49	Vertical
2	8411.875	38.06	-41.55	36.59	-62.16	-40.00	22.16	Vertical
3	10088.4792	32.09	-39.10	38.24	-64.03	-40.00	24.03	Vertical
4	12219.3333	28.07	-37.11	38.87	-65.44	-40.00	25.44	Vertical
5	13847.0625	27.74	-35.74	40.62	-62.63	-40.00	22.63	Vertical
6	15400.0417	25.21	-33.80	40.46	-63.39	-40.00	23.39	Vertical



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Test Band = NR SA Band 48_ TM1

Test Channel = Mid Channel

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7654.3125	39.08	-42.95	36.66	-62.47	-40.00	22.47	Horizontal
2	9045.8125	35.42	-40.56	36.39	-64.01	-40.00	24.01	Horizontal
3	11329.5208	29.23	-37.44	38.73	-64.73	-40.00	24.73	Horizontal
4	13671.6875	27.19	-36.00	40.31	-63.76	-40.00	23.76	Horizontal
5	15393.3333	25.49	-33.81	40.47	-63.11	-40.00	23.11	Horizontal
6	17161.9375	27.33	-34.91	43.03	-59.81	-40.00	19.81	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7863.2292	39.05	-42.64	36.75	-62.10	-40.00	22.10	Vertical
2	9588.7083	34.87	-39.16	37.42	-62.13	-40.00	22.13	Vertical
3	11148.3958	29.25	-37.62	38.71	-64.91	-40.00	24.91	Vertical
4	13370.2917	26.23	-36.71	39.77	-65.97	-40.00	25.97	Vertical
5	15155.1875	25.86	-34.60	40.97	-63.03	-40.00	23.03	Vertical
6	16464.2708	27.97	-33.59	40.64	-60.24	-40.00	20.24	Vertical



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Test Band = NR SA Band 48_ TM1

Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7241.2708	40.96	-43.40	35.88	-61.82	-40.00	21.82	Horizontal
2	8401.8125	37.95	-41.55	36.60	-62.26	-40.00	22.26	Horizontal
3	9592.5417	34.19	-39.12	37.43	-62.76	-40.00	22.76	Horizontal
4	11143.125	29.70	-37.62	38.71	-64.47	-40.00	24.47	Horizontal
5	12869.0833	27.40	-36.96	39.06	-65.76	-40.00	25.76	Horizontal
6	16487.2708	27.36	-33.44	40.71	-60.63	-40.00	20.63	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7241.2708	40.53	-43.40	35.88	-62.25	-40.00	22.25	Vertical
2	8409.4792	37.86	-41.55	36.60	-62.35	-40.00	22.35	Vertical
3	9646.2083	33.94	-39.17	37.53	-62.97	-40.00	22.97	Vertical
4	11380.7917	28.64	-37.08	38.74	-64.96	-40.00	24.96	Vertical
5	13855.6875	27.43	-35.66	40.64	-62.85	-40.00	22.85	Vertical
6	16510.2708	27.45	-33.49	40.78	-60.52	-40.00	20.52	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



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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
N48	30	30	DFT-PI2BPSK	M	Outer_Full	VL	NT	-10.100000	-0.002786	PASS
N48	30	30	DFT-PI2BPSK	M	Outer_Full	VN	NT	-8.500000	-0.002345	PASS
N48	30	30	DFT-PI2BPSK	M	Outer_Full	VH	NT	-3.200000	-0.000883	PASS
N48	30	30	CP-QPSK	M	Outer_Full	VL	NT	-15.500000	-0.004276	PASS
N48	30	30	CP-QPSK	M	Outer_Full	VN	NT	-6.300000	-0.001738	PASS
N48	30	30	CP-QPSK	M	Outer_Full	VH	NT	-9.800000	-0.002703	PASS



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Frequency Error VS. Temperature

Temperature										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N48	30	30	DFT-Pi2BPSK	M	Outer_Full	NV	-30	-2.600000	-0.000717	PASS
N48	30	30	DFT-Pi2BPSK	M	Outer_Full	NV	-20	-3.300000	-0.000910	PASS
N48	30	30	DFT-Pi2BPSK	M	Outer_Full	NV	-10	-6.000000	-0.001655	PASS
N48	30	30	DFT-Pi2BPSK	M	Outer_Full	NV	0	-0.200000	-0.000055	PASS
N48	30	30	DFT-Pi2BPSK	M	Outer_Full	NV	10	-7.400000	-0.002041	PASS
N48	30	30	DFT-Pi2BPSK	M	Outer_Full	NV	20	-7.800000	-0.002152	PASS
N48	30	30	DFT-Pi2BPSK	M	Outer_Full	NV	30	-3.500000	-0.000966	PASS
N48	30	30	DFT-Pi2BPSK	M	Outer_Full	NV	40	-5.300000	-0.001462	PASS
N48	30	30	DFT-Pi2BPSK	M	Outer_Full	NV	50	-4.800000	-0.001324	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	-30	-6.100000	-0.001683	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	-20	4.200000	0.001159	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	-10	-1.500000	-0.000414	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	0	-5.600000	-0.001545	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	10	-6.000000	-0.001655	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	20	0.000000	0.000000	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	30	-5.000000	-0.001379	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	40	-9.000000	-0.002483	PASS
N48	30	30	CP-QPSK	M	Outer_Full	NV	50	-3.600000	-0.000993	PASS

---End of Attachment---



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