

Report No.: SEWM2311000473RG06
Rev.: 01
Page: 1 of 122

Appendix B.46

NR Band n48(3550-3700)



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**Effective (Isotropic) Radiated Power Output Data for SA****Test Result**

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power (dBm/10MHz)	EIRP (dBm/10MHz)	Limit (dBm/10MHz)	Verdict
N48	30	10	DFT-QPSK	L	Inner_1RB_Left	22.76	18.47	23.00	PAS S
N48	30	10	DFT-16QAM	L	Inner_1RB_Left	21.77	17.48	23.00	PAS S
N48	30	10	DFT-QPSK	M	Inner_1RB_Left	22.98	18.69	23.00	PAS S
N48	30	10	DFT-16QAM	M	Inner_1RB_Left	21.88	17.59	23.00	PAS S
N48	30	10	DFT-QPSK	H	Inner_1RB_Left	22.88	18.59	23.00	PAS S
N48	30	10	DFT-16QAM	H	Inner_1RB_Left	21.77	17.48	23.00	PAS S
N48	30	20	DFT-QPSK	L	Inner_1RB_Left	22.97	18.68	23.00	PAS S
N48	30	20	DFT-16QAM	L	Inner_1RB_Left	21.89	17.6	23.00	PAS S
N48	30	20	DFT-QPSK	M	Inner_1RB_Left	23.03	18.74	23.00	PAS S
N48	30	20	DFT-16QAM	M	Inner_1RB_Left	22.29	18	23.00	PAS S
N48	30	20	DFT-QPSK	H	Inner_1RB_Left	23.02	18.73	23.00	PAS S
N48	30	20	DFT-16QAM	H	Inner_1RB_Left	22.09	17.8	23.00	PAS S
N48	30	40	DFT-QPSK	L	Inner_1RB_Left	23.28	18.99	23.00	PAS S
N48	30	40	DFT-16QAM	L	Inner_1RB_Left	21.68	17.39	23.00	PAS S
N48	30	40	DFT-QPSK	M	Inner_1RB_Left	22.77	18.48	23.00	PAS S
N48	30	40	DFT-16QAM	M	Inner_1RB_Left	21.87	17.58	23.00	PAS S



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Report No.: SEWM2311000473RG06

Rev.: 01

Page: 3 of 122

N48	30	40	DFT-QPSK	H	Inner_1RB_Left	22.44	18.15	23.00	PAS S
N48	30	40	DFT-16QAM	H	Inner_1RB_Left	21.69	17.4	23.00	PAS S
N48	30	40	DFT- PI2BPSK	L	Inner_1RB_Left	23.28	18.99	23.00	PAS S
N48	30	40	DFT- PI2BPSK	L	Inner_1RB_Right	23.24	18.95	23.00	PAS S
N48	30	40	DFT- PI2BPSK	L	Outer_Full	22.73	18.44	23.00	PAS S
N48	30	40	DFT-QPSK	L	Inner_1RB_Right	23.32	19.03	23.00	PAS S
N48	30	40	DFT-QPSK	L	Outer_Full	22.56	18.27	23.00	PAS S
N48	30	40	DFT-16QAM	L	Inner_1RB_Right	21.72	17.43	23.00	PAS S
N48	30	40	DFT-16QAM	L	Outer_Full	20.67	16.38	23.00	PAS S
N48	30	40	DFT-64QAM	L	Inner_1RB_Left	20.17	15.88	23.00	PAS S
N48	30	40	DFT-64QAM	L	Inner_1RB_Right	20.23	15.94	23.00	PAS S
N48	30	40	DFT-64QAM	L	Outer_Full	20.19	15.9	23.00	PAS S
N48	30	40	DFT-256QAM	L	Inner_1RB_Left	18.27	13.98	23.00	PAS S
N48	30	40	DFT-256QAM	L	Inner_1RB_Right	18.37	14.08	23.00	PAS S
N48	30	40	DFT-256QAM	L	Outer_Full	18.51	14.22	23.00	PAS S
N48	30	40	DFT- PI2BPSK	M	Inner_1RB_Left	22.76	18.47	23.00	PAS S
N48	30	40	DFT- PI2BPSK	M	Inner_1RB_Right	22.23	17.94	23.00	PAS S
N48	30	40	DFT- PI2BPSK	M	Outer_Full	22	17.71	23.00	PAS S
N48	30	40	DFT-QPSK	M	Inner_1RB_Right	22.31	18.02	23.00	PAS



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Report No.: SEWM2311000473RG06

Rev.: 01

Page: 4 of 122

									S
N48	30	40	DFT-QPSK	M	Outer_Full	21.76	17.47	23.00	PAS S
N48	30	40	DFT-16QAM	M	Inner_1RB_Right	21.22	16.93	23.00	PAS S
N48	30	40	DFT-16QAM	M	Outer_Full	20.54	16.25	23.00	PAS S
N48	30	40	DFT-64QAM	M	Inner_1RB_Left	20.61	16.32	23.00	PAS S
N48	30	40	DFT-64QAM	M	Inner_1RB_Right	20.04	15.75	23.00	PAS S
N48	30	40	DFT-64QAM	M	Outer_Full	20.01	15.72	23.00	PAS S
N48	30	40	DFT-256QAM	M	Inner_1RB_Left	18.72	14.43	23.00	PAS S
N48	30	40	DFT-256QAM	M	Inner_1RB_Right	18.22	13.93	23.00	PAS S
N48	30	40	DFT-256QAM	M	Outer_Full	18.3	14.01	23.00	PAS S
N48	30	40	DFT- PI2BPSK	H	Inner_1RB_Left	22.53	18.24	23.00	PAS S
N48	30	40	DFT- PI2BPSK	H	Inner_1RB_Right	22.39	18.1	23.00	PAS S
N48	30	40	DFT- PI2BPSK	H	Outer_Full	21.92	17.63	23.00	PAS S
N48	30	40	DFT-QPSK	H	Inner_1RB_Right	22.39	18.1	23.00	PAS S
N48	30	40	DFT-QPSK	H	Outer_Full	21.58	17.29	23.00	PAS S
N48	30	40	DFT-16QAM	H	Inner_1RB_Right	21.62	17.33	23.00	PAS S
N48	30	40	DFT-16QAM	H	Outer_Full	21.44	17.15	23.00	PAS S
N48	30	40	DFT-64QAM	H	Inner_1RB_Left	20.31	16.02	23.00	PAS S
N48	30	40	DFT-64QAM	H	Inner_1RB_Right	20.68	16.39	23.00	PAS S



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Rev.: 01

Page: 5 of 122

N48	30	40	DFT-64QAM	H	Outer_Full	19.71	15.42	23.00	PAS S
N48	30	40	DFT-256QAM	H	Inner_1RB_Left	18.2	13.91	23.00	PAS S
N48	30	40	DFT-256QAM	H	Inner_1RB_Right	18.17	13.88	23.00	PAS S
N48	30	40	DFT-256QAM	H	Outer_Full	18.08	13.79	23.00	PAS S



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Effective (Isotropic) Radiated Power Output Data for MIMO

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Power	Power	Total	EIRP (dBm/ 10MHz)	Limit (dBm/ 10MHz)	Verdict
						Ant0 (dBm/ 10MHz)	Ant6 (dBm/ 10MHz)	Power (dBm/ 10MHz)			
N48	30	10	DFT-QPSK	L	Inner_1RB_Left	20.02	20.30	23.17	18.88	23	PASS
N48	30	10	DFT-16QAM	L	Inner_1RB_Left	19.56	19.15	22.37	18.08	23	PASS
N48	30	10	DFT-QPSK	M	Inner_1RB_Left	20.32	19.97	23.16	18.87	23	PASS
N48	30	10	DFT-16QAM	M	Inner_1RB_Left	19.57	18.90	22.25	17.96	23	PASS
N48	30	10	DFT-QPSK	H	Inner_1RB_Left	20.18	20.18	23.19	18.90	23	PASS
N48	30	10	DFT-16QAM	H	Inner_1RB_Left	19.45	18.99	22.23	17.94	23	PASS
N48	30	20	DFT-QPSK	L	Inner_1RB_Left	20.28	20.43	23.37	19.08	23	PASS
N48	30	20	DFT-16QAM	L	Inner_1RB_Left	19.59	19.25	22.43	18.14	23	PASS
N48	30	20	DFT-QPSK	M	Inner_1RB_Left	20.47	20.01	23.25	18.96	23	PASS
N48	30	20	DFT-16QAM	M	Inner_1RB_Left	19.69	18.78	22.25	17.96	23	PASS
N48	30	20	DFT-QPSK	H	Inner_1RB_Left	20.40	20.36	23.39	19.10	23	PASS
N48	30	20	DFT-16QAM	H	Inner_1RB_Left	19.48	19.28	22.39	18.10	23	PASS
N48	30	40	DFT- PI2BPSK	L	Inner_1RB_Left	19.89	20.41	23.16	18.87	23	PASS
N48	30	40	DFT- PI2BPSK	L	Inner_1RB_Right	19.80	20.16	22.99	18.70	23	PASS
N48	30	40	DFT- PI2BPSK	L	Outer_Full	19.15	19.00	22.09	17.80	23	PASS
N48	30	40	DFT-QPSK	L	Inner_1RB_Left	19.95	20.35	23.16	18.87	23	PASS
N48	30	40	DFT-QPSK	L	Inner_1RB_Right	19.99	20.20	23.11	17.82	23	PASS
N48	30	40	DFT-QPSK	L	Outer_Full	19.35	19.10	22.24	17.95	23	PASS
N48	30	40	DFT-16QAM	L	Inner_1RB_Left	19.04	19.22	22.14	17.85	23	PASS
N48	30	40	DFT-16QAM	L	Inner_1RB_Right	18.99	19.08	22.05	17.76	23	PASS



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Report No.: SEWM2311000473RG06

Rev.: 01

Page: 7 of 122

N48	30	40	DFT-16QAM	L	Outer_Full	18.10	18.14	21.13	16.84	23	PASS
N48	30	40	DFT-64QAM	L	Inner_1RB_Left	17.99	18.23	21.12	16.83	23	PASS
N48	30	40	DFT-64QAM	L	Inner_1RB_Right	17.88	18.06	20.98	16.69	23	PASS
N48	30	40	DFT-64QAM	L	Outer_Full	17.65	17.47	20.57	16.28	23	PASS
N48	30	40	DFT-256QAM	L	Inner_1RB_Left	15.51	15.81	18.67	14.38	23	PASS
N48	30	40	DFT-256QAM	L	Inner_1RB_Right	15.40	15.64	18.53	14.24	23	PASS
N48	30	40	DFT-256QAM	L	Outer_Full	15.66	15.57	18.63	14.34	23	PASS
N48	30	40	DFT-PI2BPSK	M	Inner_1RB_Left	19.98	20.18	23.09	18.80	23	PASS
N48	30	40	DFT-PI2BPSK	M	Inner_1RB_Right	19.39	19.99	22.70	18.41	23	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	19.63	19.09	22.37	18.08	23	PASS
N48	30	40	DFT-QPSK	M	Inner_1RB_Left	19.92	20.34	23.14	18.85	23	PASS
N48	30	40	DFT-QPSK	M	Inner_1RB_Right	19.97	19.33	22.66	18.37	23	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	19.66	18.85	22.27	17.98	23	PASS
N48	30	40	DFT-16QAM	M	Inner_1RB_Left	19.78	19.08	22.44	18.15	23	PASS
N48	30	40	DFT-16QAM	M	Inner_1RB_Right	19.19	19.06	22.14	17.85	23	PASS
N48	30	40	DFT-16QAM	M	Outer_Full	18.58	18.10	21.35	17.06	23	PASS
N48	30	40	DFT-64QAM	M	Inner_1RB_Left	18.35	17.78	21.08	16.79	23	PASS
N48	30	40	DFT-64QAM	M	Inner_1RB_Right	17.92	17.59	20.77	16.48	23	PASS
N48	30	40	DFT-64QAM	M	Outer_Full	18.09	17.65	20.88	16.59	23	PASS
N48	30	40	DFT-256QAM	M	Inner_1RB_Left	16.05	15.58	18.83	14.54	23	PASS
N48	30	40	DFT-256QAM	M	Inner_1RB_Right	15.64	15.62	18.64	14.35	23	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	15.96	15.57	18.78	14.49	23	PASS
N48	30	40	DFT-PI2BPSK	H	Inner_1RB_Left	20.49	20.11	23.31	19.02	23	PASS
N48	30	40	DFT-PI2BPSK	H	Inner_1RB_Right	20.39	20.07	23.24	18.95	23	PASS
N48	30	40	DFT-	H	Outer_Full	19.62	19.23	22.44	18.15	23	PASS



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Report No.: SEWM2311000473RG06

Rev.: 01

Page: 8 of 122

			PI2BPSK								
N48	30	40	DFT-QPSK	H	Inner_1RB_Left	20.43	20.01	23.23	18.94	23	PASS
N48	30	40	DFT-QPSK	H	Inner_1RB_Right	20.30	19.98	23.15	18.86	23	PASS
N48	30	40	DFT-QPSK	H	Outer_Full	19.72	19.12	22.43	18.14	23	PASS
N48	30	40	DFT-16QAM	H	Inner_1RB_Left	19.64	18.89	22.28	17.99	23	PASS
N48	30	40	DFT-16QAM	H	Inner_1RB_Right	19.52	18.85	22.20	17.91	23	PASS
N48	30	40	DFT-16QAM	H	Outer_Full	18.61	18.15	21.39	17.10	23	PASS
N48	30	40	DFT-64QAM	H	Inner_1RB_Left	18.06	17.59	20.84	16.55	23	PASS
N48	30	40	DFT-64QAM	H	Inner_1RB_Right	18.06	17.56	20.82	16.53	23	PASS
N48	30	40	DFT-64QAM	H	Outer_Full	18.15	17.58	20.88	16.59	23	PASS
N48	30	40	DFT-256QAM	H	Inner_1RB_Left	15.98	15.55	18.78	14.49	23	PASS
N48	30	40	DFT-256QAM	H	Inner_1RB_Right	15.74	15.37	18.57	14.28	23	PASS
N48	30	40	DFT-256QAM	H	Outer_Full	16.12	15.61	18.88	14.59	23	PASS



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Report No.: SEWM2311000473RG06
Rev.: 01
Page: 9 of 122

Peak-to-Average Ratio for SA

Peak-to-Average Ratio(PAPR)

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	DutyCycle	Factor	Result	Limit	Verdict
N48	30	40	DFT-256QAM	L	Outer_Full	100%	0.00	9.23	≤13	PASS
N48	30	40	CP-256QAM	L	Outer_Full	100%	0.00	9.65	≤13	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	100%	0.00	9.85	≤13	PASS
N48	30	40	CP-256QAM	M	Outer_Full	100%	0.00	9.65	≤13	PASS
N48	30	40	DFT-256QAM	H	Outer_Full	100%	0.00	9.36	≤13	PASS
N48	30	40	CP-256QAM	H	Outer_Full	100%	0.00	9.63	≤13	PASS



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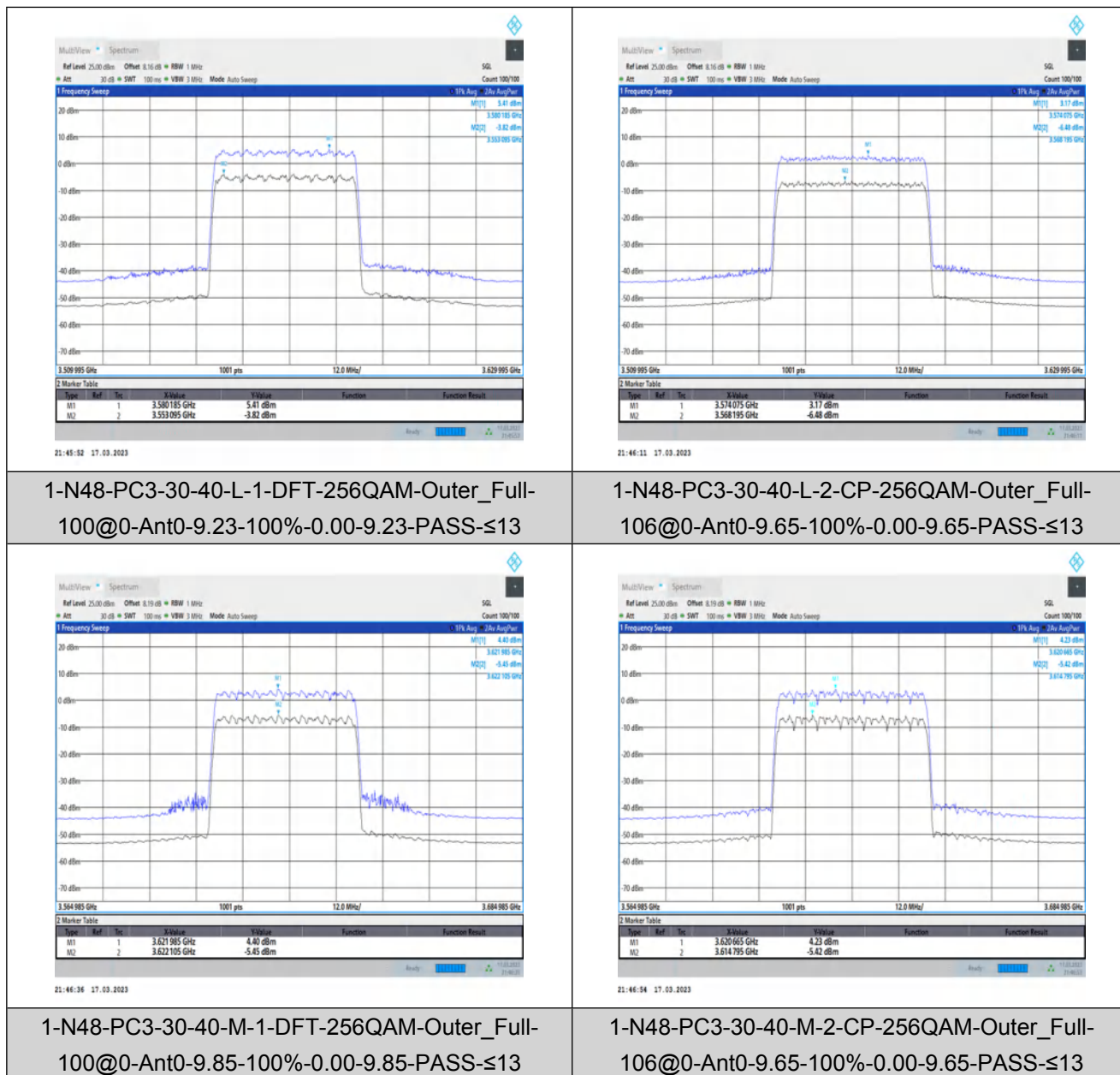
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Rev.: 01
Page: 10 of 122

Test Graphs



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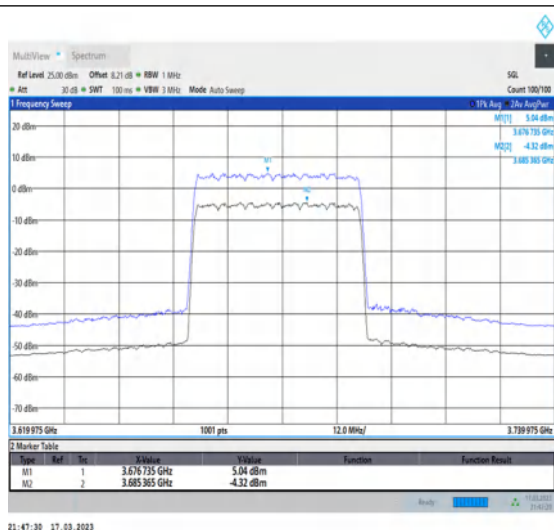
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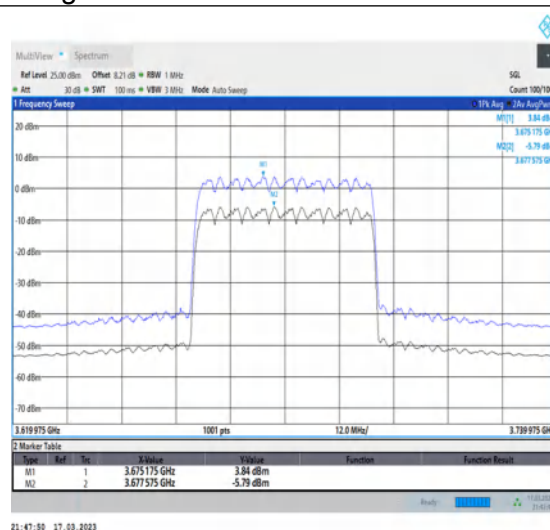
Report No.: SEWM2311000473RG06

Rev.: 01

Page: 11 of 122



1-N48-PC3-30-40-H-1-DFT-256QAM-Outer_Full-100@0-Ant0-9.36-100%-0.00-9.36-PASS-≤13



1-N48-PC3-30-40-H-2-CP-256QAM-Outer_Full-106@0-Ant0-9.63-100%-0.00-9.63-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
N48	30	10	DFT-QPSK	L	Outer_Full	8.571	9.200	PASS
N48	30	10	DFT-PI2BPSK	L	Outer_Full	8.564	9.260	PASS
N48	30	10	DFT-16QAM	L	Outer_Full	8.587	9.140	PASS
N48	30	10	DFT-64QAM	L	Outer_Full	8.586	9.200	PASS
N48	30	10	DFT-256QAM	L	Outer_Full	8.58	9.040	PASS
N48	30	10	CP-QPSK	L	Outer_Full	8.584	9.020	PASS
N48	30	10	CP-16QAM	L	Outer_Full	8.58	9.360	PASS
N48	30	10	CP-64QAM	L	Outer_Full	8.561	9.100	PASS
N48	30	10	CP-256QAM	L	Outer_Full	8.556	9.040	PASS
N48	30	10	DFT-QPSK	M	Outer_Full	8.585	9.180	PASS
N48	30	10	DFT-PI2BPSK	M	Outer_Full	8.589	9.220	PASS
N48	30	10	DFT-16QAM	M	Outer_Full	8.573	9.120	PASS
N48	30	10	DFT-64QAM	M	Outer_Full	8.576	9.280	PASS
N48	30	10	DFT-256QAM	M	Outer_Full	8.598	9.100	PASS
N48	30	10	CP-QPSK	M	Outer_Full	8.6	9.160	PASS
N48	30	10	CP-16QAM	M	Outer_Full	8.574	9.180	PASS
N48	30	10	CP-64QAM	M	Outer_Full	8.562	9.220	PASS
N48	30	10	CP-256QAM	M	Outer_Full	8.59	9.280	PASS
N48	30	10	DFT-QPSK	H	Outer_Full	8.588	9.020	PASS
N48	30	10	DFT-PI2BPSK	H	Outer_Full	8.604	9.060	PASS
N48	30	10	DFT-16QAM	H	Outer_Full	8.621	9.280	PASS
N48	30	10	DFT-64QAM	H	Outer_Full	8.608	9.240	PASS
N48	30	10	DFT-256QAM	H	Outer_Full	8.57	9.160	PASS
N48	30	10	CP-QPSK	H	Outer_Full	8.566	9.240	PASS
N48	30	10	CP-16QAM	H	Outer_Full	8.587	9.180	PASS
N48	30	10	CP-64QAM	H	Outer_Full	8.572	9.220	PASS
N48	30	10	CP-256QAM	H	Outer_Full	8.564	9.260	PASS
N48	30	15	DFT-QPSK	H	Outer_Full	12.798	13.500	PASS
N48	30	15	DFT-PI2BPSK	H	Outer_Full	12.864	13.680	PASS



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Report No.: SEWM2311000473RG06

Rev.: 01

Page: 13 of 122

N48	30	15	DFT-16QAM	H	Outer_Full	12.869	13.650	PASS
N48	30	15	DFT-64QAM	H	Outer_Full	12.763	13.470	PASS
N48	30	15	DFT-256QAM	H	Outer_Full	12.83	13.680	PASS
N48	30	15	CP-QPSK	H	Outer_Full	13.559	14.280	PASS
N48	30	15	CP-16QAM	H	Outer_Full	13.558	14.370	PASS
N48	30	15	CP-64QAM	H	Outer_Full	13.576	14.490	PASS
N48	30	15	CP-256QAM	H	Outer_Full	13.552	14.310	PASS
N48	30	20	DFT-QPSK	L	Outer_Full	17.84	18.680	PASS
N48	30	20	DFT-PI2BPSK	L	Outer_Full	17.851	18.520	PASS
N48	30	20	DFT-16QAM	L	Outer_Full	17.801	18.680	PASS
N48	30	20	DFT-64QAM	L	Outer_Full	17.831	18.600	PASS
N48	30	20	DFT-256QAM	L	Outer_Full	17.773	18.720	PASS
N48	30	20	CP-QPSK	L	Outer_Full	18.154	19.200	PASS
N48	30	20	CP-16QAM	L	Outer_Full	18.233	19.080	PASS
N48	30	20	CP-64QAM	L	Outer_Full	18.175	20.160	PASS
N48	30	20	CP-256QAM	L	Outer_Full	18.281	18.960	PASS
N48	30	20	DFT-QPSK	M	Outer_Full	17.81	18.720	PASS
N48	30	20	DFT-PI2BPSK	M	Outer_Full	17.802	18.520	PASS
N48	30	20	DFT-16QAM	M	Outer_Full	17.803	18.720	PASS
N48	30	20	DFT-64QAM	M	Outer_Full	17.866	18.760	PASS
N48	30	20	DFT-256QAM	M	Outer_Full	17.839	18.640	PASS
N48	30	20	CP-QPSK	M	Outer_Full	18.192	18.960	PASS
N48	30	20	CP-16QAM	M	Outer_Full	18.138	18.920	PASS
N48	30	20	CP-64QAM	M	Outer_Full	18.208	19.160	PASS
N48	30	20	CP-256QAM	M	Outer_Full	18.223	19.200	PASS
N48	30	20	DFT-QPSK	H	Outer_Full	17.722	18.640	PASS
N48	30	20	DFT-PI2BPSK	H	Outer_Full	17.845	18.680	PASS
N48	30	20	DFT-16QAM	H	Outer_Full	17.81	18.600	PASS
N48	30	20	DFT-64QAM	H	Outer_Full	17.824	18.720	PASS
N48	30	20	DFT-256QAM	H	Outer_Full	17.81	18.680	PASS
N48	30	20	CP-QPSK	H	Outer_Full	18.2	19.120	PASS
N48	30	20	CP-16QAM	H	Outer_Full	18.203	19.040	PASS
N48	30	20	CP-64QAM	H	Outer_Full	18.231	18.960	PASS
N48	30	20	CP-256QAM	H	Outer_Full	18.218	19.040	PASS
N48	30	40	DFT-QPSK	L	Outer_Full	35.712	37.280	PASS
N48	30	40	DFT-PI2BPSK	L	Outer_Full	35.765	37.600	PASS
N48	30	40	DFT-16QAM	L	Outer_Full	35.857	37.440	PASS



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N48	30	40	DFT-256QAM	L	Outer_Full	35.73	37.520	PASS
N48	30	40	CP-QPSK	L	Outer_Full	37.852	39.680	PASS
N48	30	40	CP-16QAM	L	Outer_Full	37.823	39.440	PASS
N48	30	40	CP-64QAM	L	Outer_Full	37.692	39.440	PASS
N48	30	40	CP-256QAM	L	Outer_Full	37.823	39.600	PASS
N48	30	40	DFT-QPSK	M	Outer_Full	35.621	37.440	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	35.711	37.440	PASS
N48	30	40	DFT-16QAM	M	Outer_Full	35.703	37.360	PASS
N48	30	40	DFT-64QAM	M	Outer_Full	35.795	37.440	PASS
N48	30	40	DFT-256QAM	M	Outer_Full	35.807	37.440	PASS
N48	30	40	CP-QPSK	M	Outer_Full	37.739	39.440	PASS
N48	30	40	CP-16QAM	M	Outer_Full	37.825	39.440	PASS
N48	30	40	CP-64QAM	M	Outer_Full	37.83	39.520	PASS
N48	30	40	CP-256QAM	M	Outer_Full	37.926	39.600	PASS
N48	30	40	DFT-QPSK	H	Outer_Full	35.755	37.200	PASS
N48	30	40	DFT-PI2BPSK	H	Outer_Full	35.793	37.280	PASS
N48	30	40	DFT-16QAM	H	Outer_Full	35.762	37.200	PASS
N48	30	40	DFT-64QAM	H	Outer_Full	35.788	37.520	PASS
N48	30	40	DFT-256QAM	H	Outer_Full	35.816	37.360	PASS
N48	30	40	CP-QPSK	H	Outer_Full	37.897	39.440	PASS
N48	30	40	CP-16QAM	H	Outer_Full	37.748	39.520	PASS
N48	30	40	CP-64QAM	H	Outer_Full	37.779	39.520	PASS
N48	30	40	CP-256QAM	H	Outer_Full	37.808	39.360	PASS



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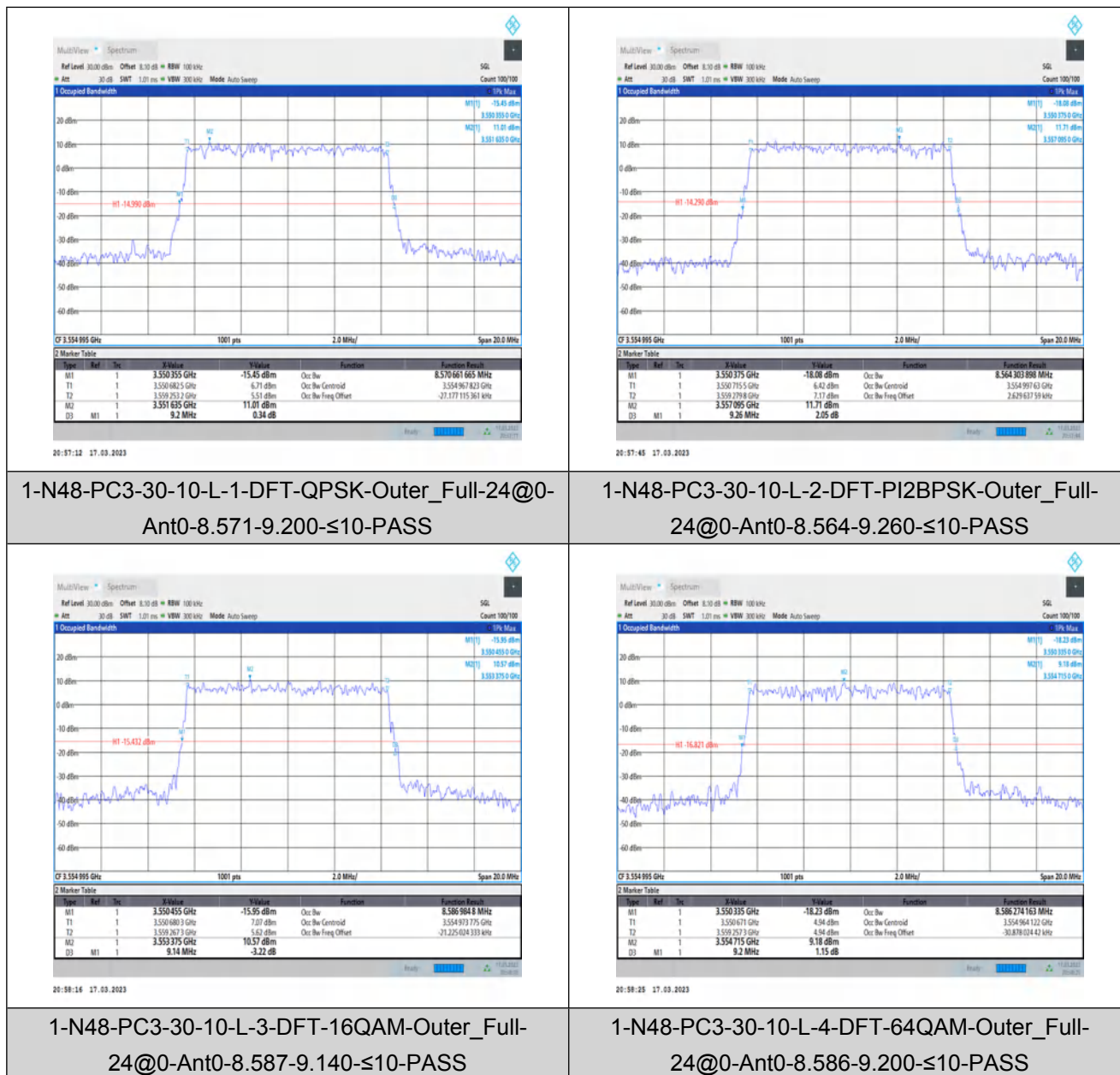
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Rev.: 01
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Test Graphs



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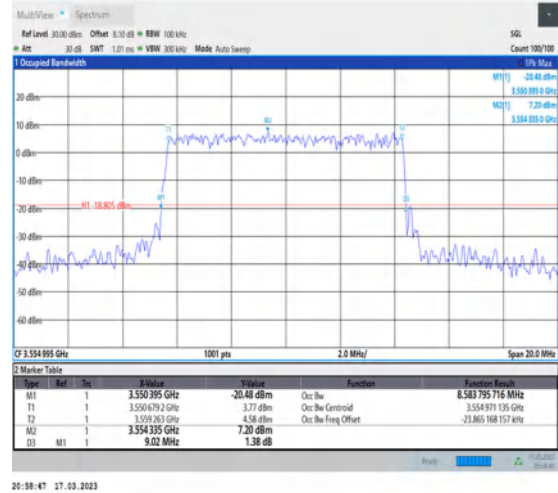
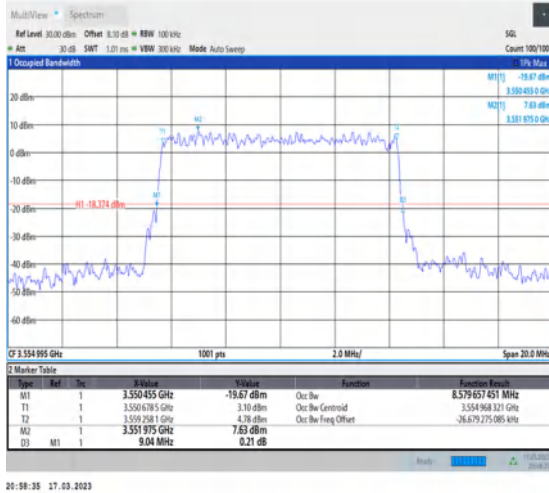
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Report No.: SEWM2311000473RG06

Rev.: 01

Page: 16 of 122



1-N48-PC3-30-10-L-5-DFT-256QAM-Outer_Full-24@0-Ant0-8.58-9.040-≤10-PASS

1-N48-PC3-30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant0-8.584-9.020-≤10-PASS



1-N48-PC3-30-10-L-7-CP-16QAM-Outer_Full-24@0-Ant0-8.58-9.360-≤10-PASS

1-N48-PC3-30-10-L-8-CP-64QAM-Outer_Full-24@0-Ant0-8.561-9.100-≤10-PASS



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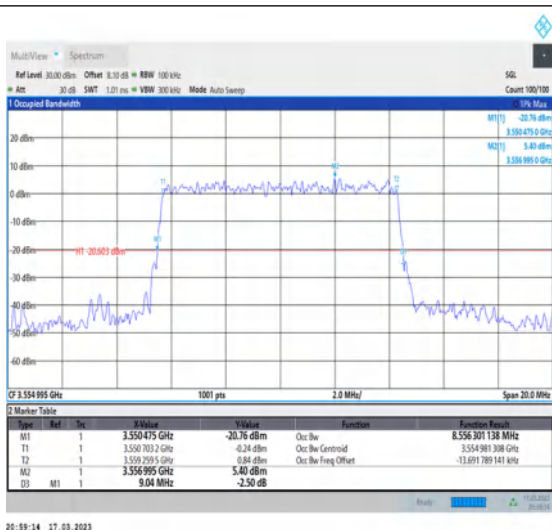
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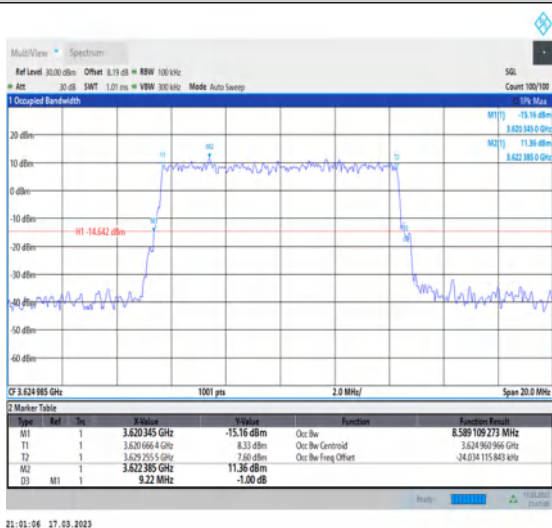
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Rev.: 01
Page: 17 of 122



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1-N48-PC3-30-10-M-1-DFT-QPSK-Outer_Full-24@0-Ant0-8.585-9.180-≤10-PASS



1-N48-PC3-30-10-M-2-DFT-PI2BPSK-Outer_Full-24@0-Ant0-8.589-9.220-≤10-PASS



1-N48-PC3-30-10-M-3-DFT-16QAM-Outer_Full-24@0-Ant0-8.573-9.120-≤10-PASS



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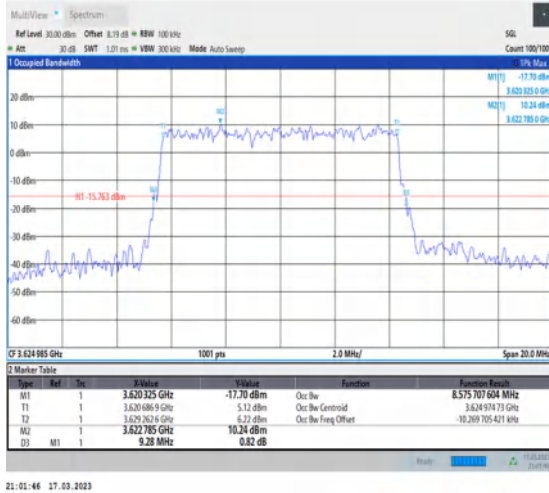
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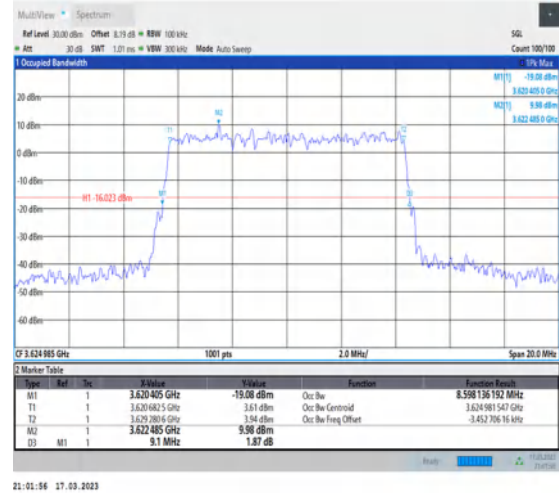
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Page: 18 of 122



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21:02:07 17.03.2023

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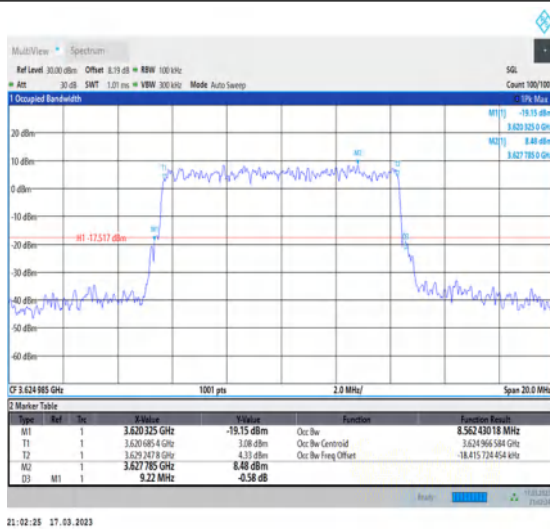
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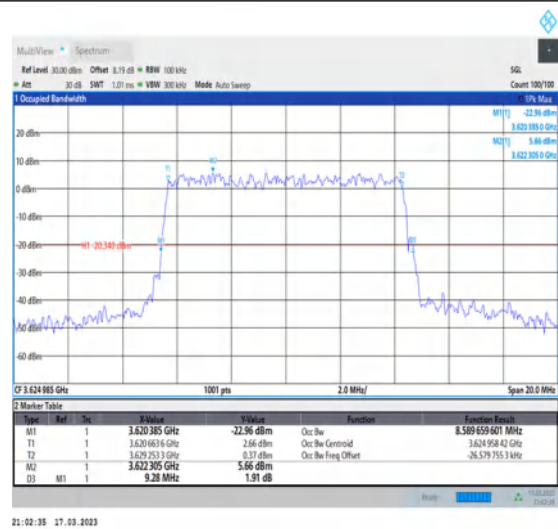
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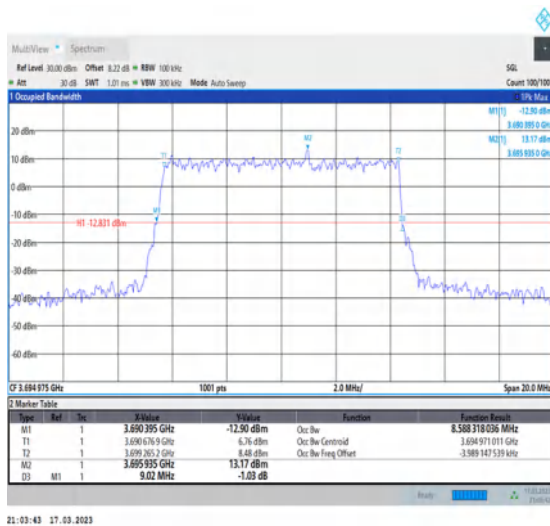
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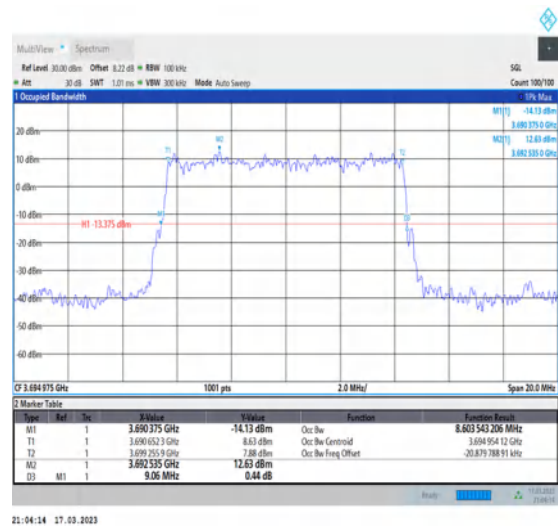
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1-N48-PC3-30-10-H-2-DFT-PI2BPSK-Outer_Full-24@0-Ant0-8.604-9.060-≤10-PASS



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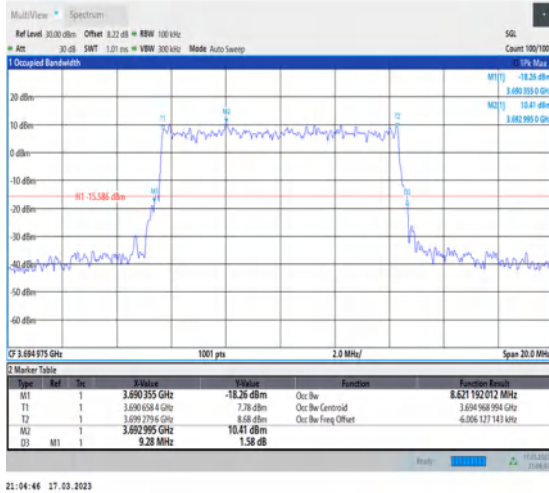
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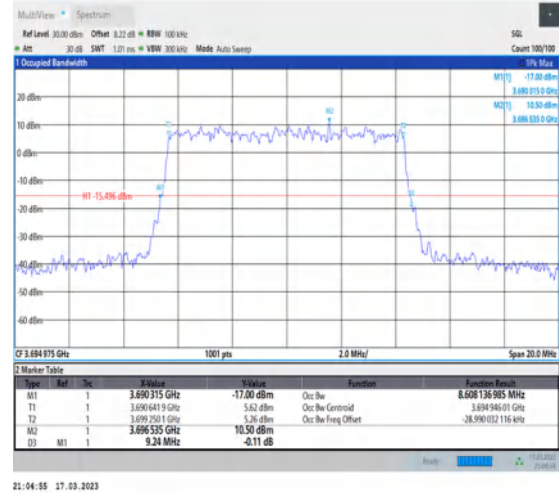
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Page: 20 of 122



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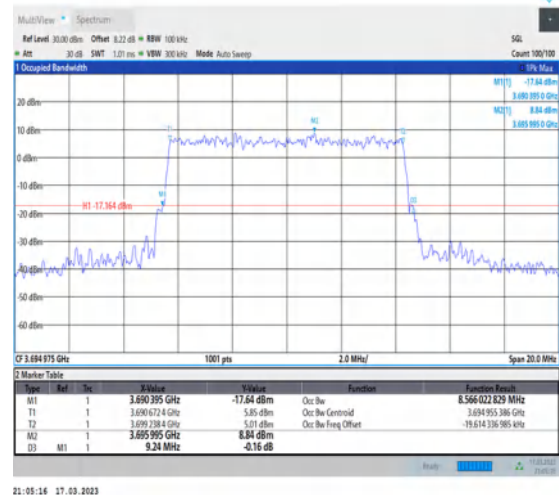
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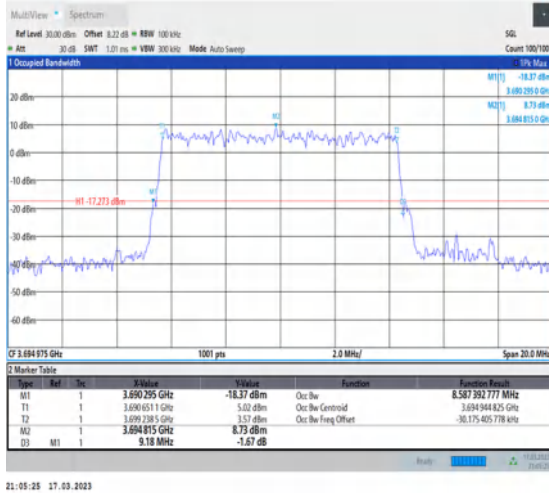
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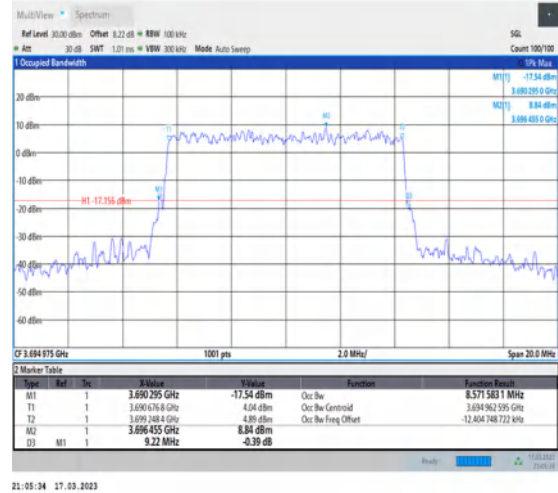
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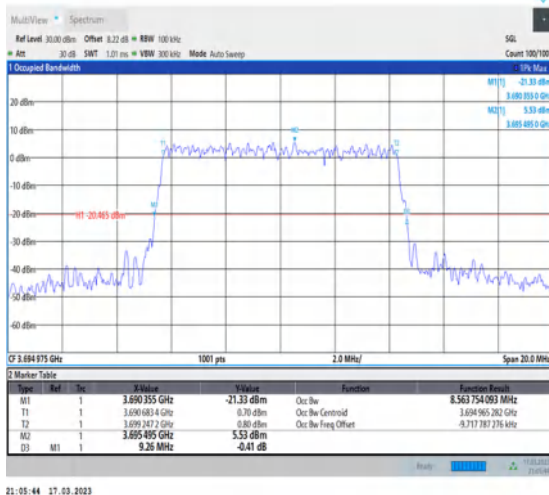
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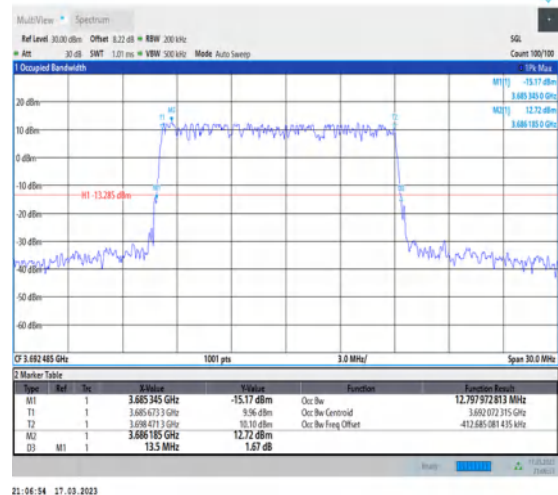
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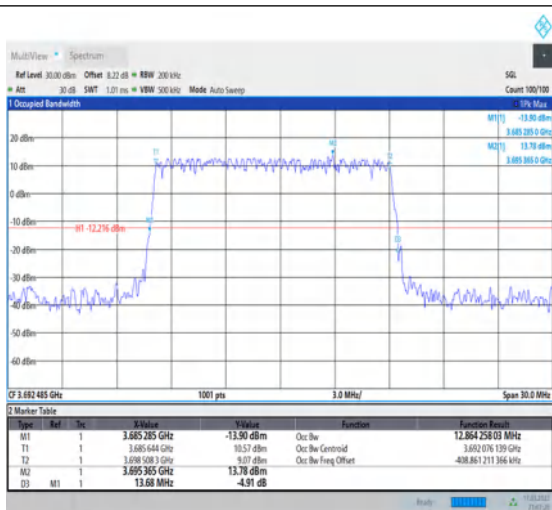
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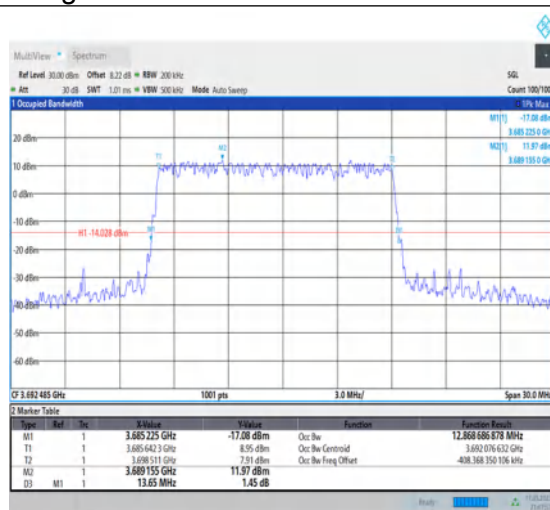
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Rev.: 01

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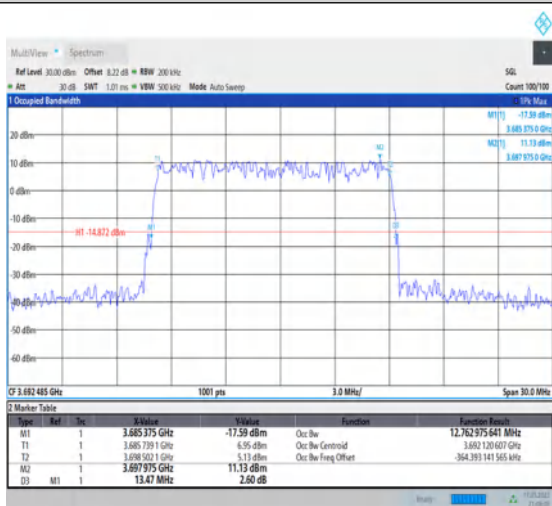
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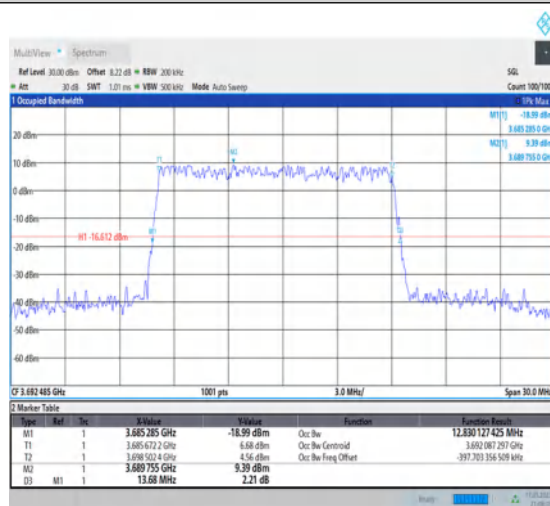
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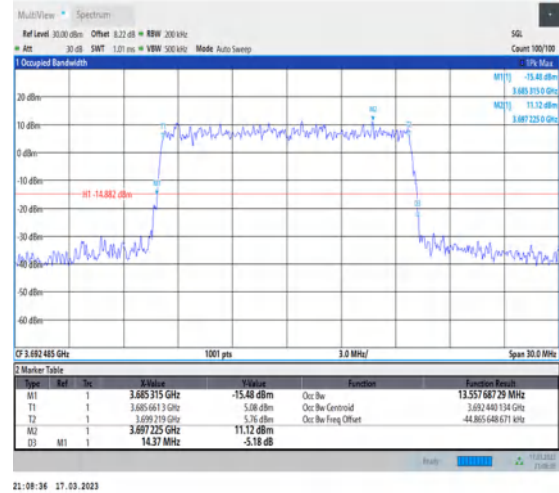
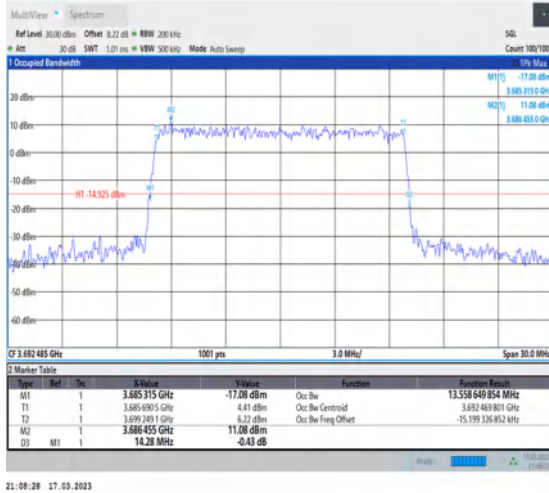
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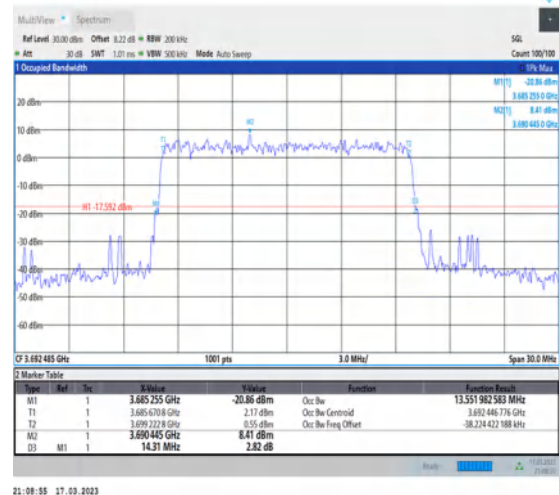
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Page: 23 of 122



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1-N48-PC3-30-15-H-9-CP-256QAM-Outer_Full-38@0-Ant0-13.552-14.310-≤15-PASS



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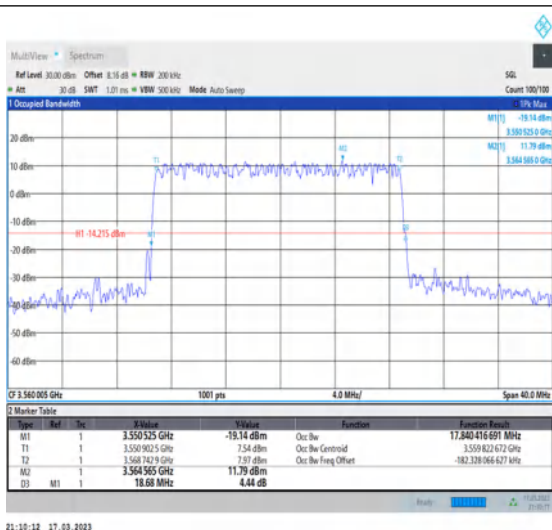
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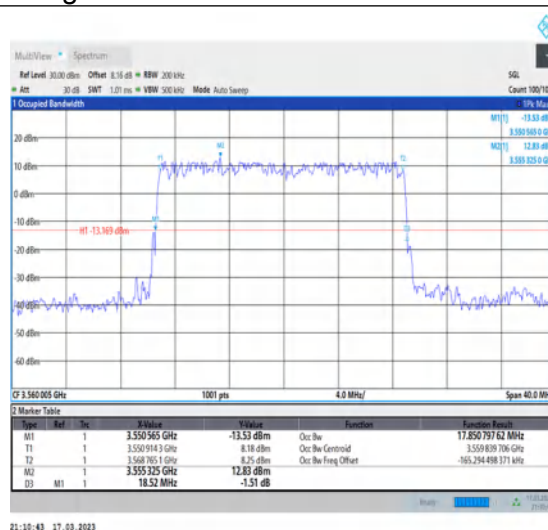
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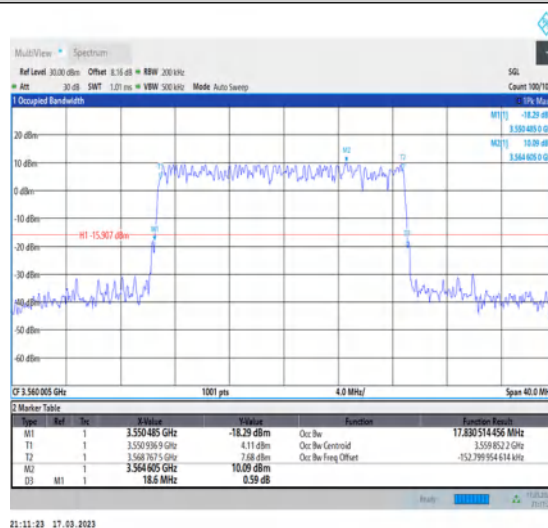
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1-N48-PC3-30-20-L-4-DFT-64QAM-Outer_Full-50@0-Ant0-17.831-18.600-≤20-PASS



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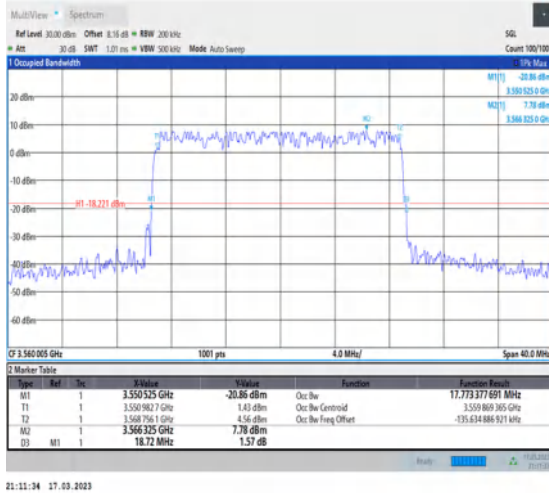
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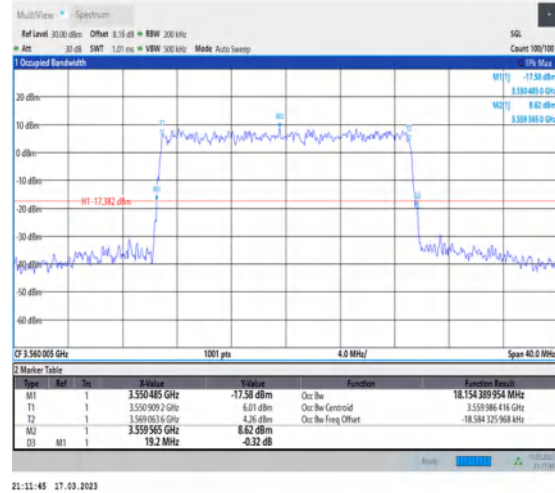
Report No.: SEWM2311000473RG06

Rev.: 01

Page: 25 of 122



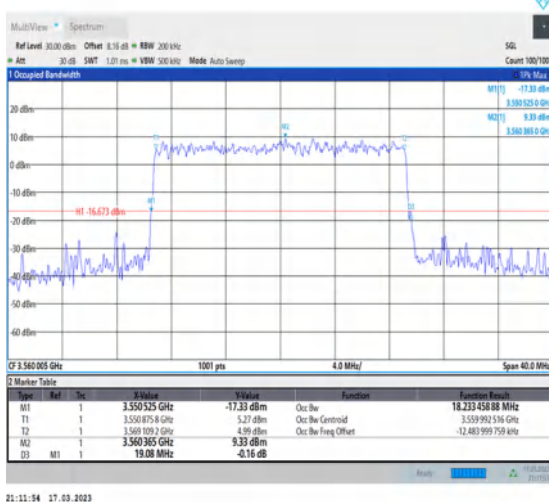
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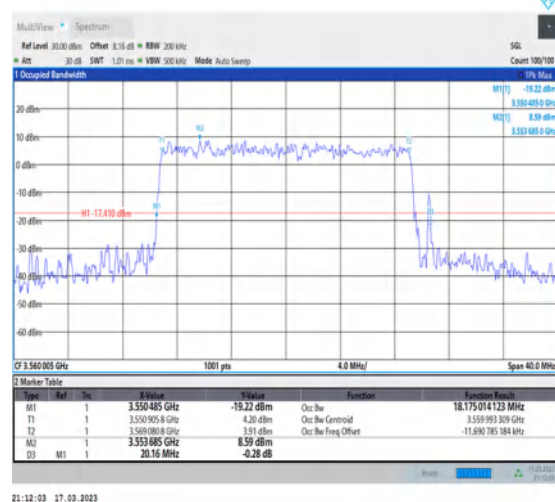
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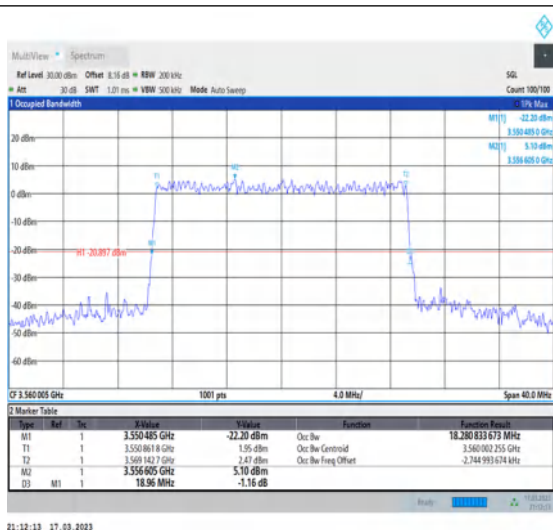
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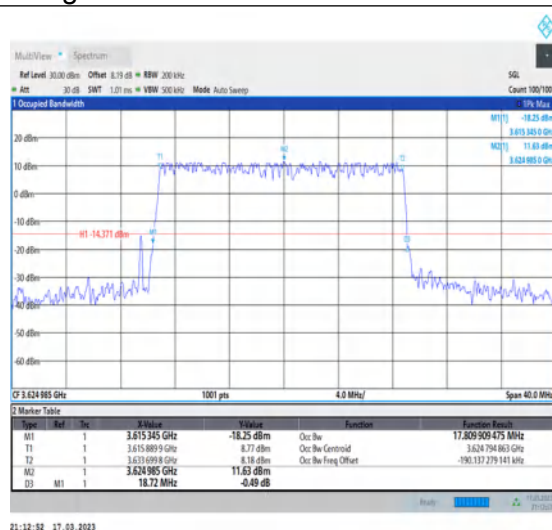
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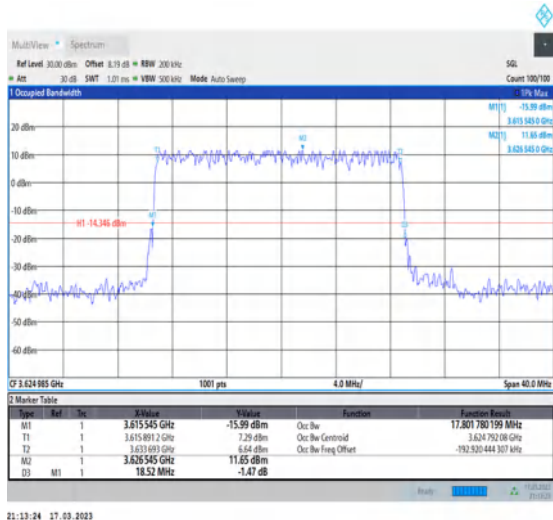
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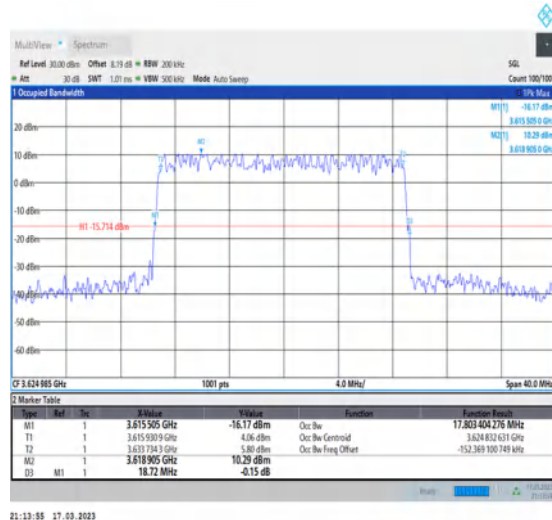
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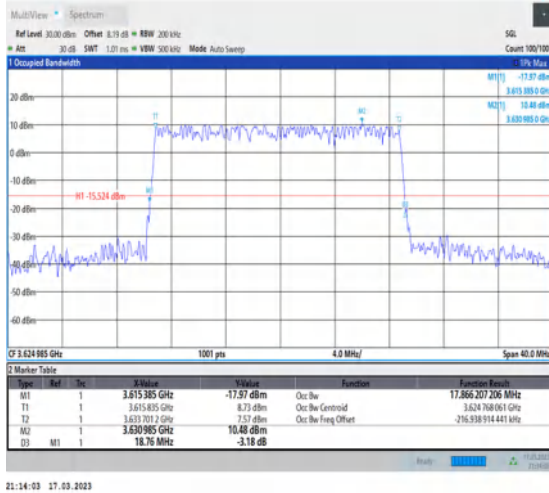
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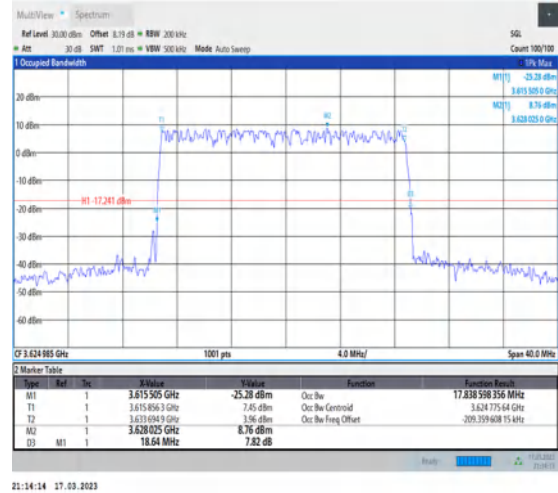
Rev.: 01

Page: 27 of 122



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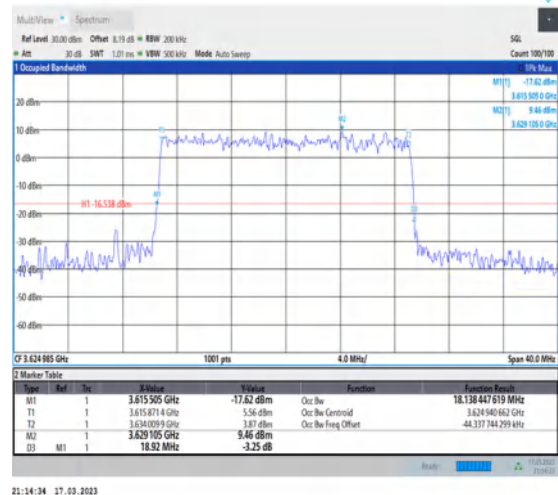
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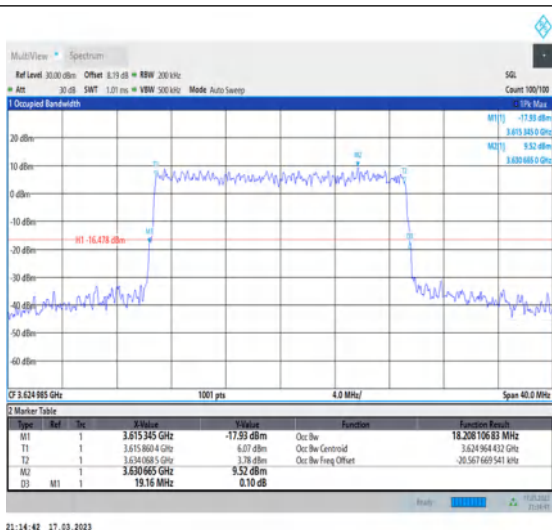
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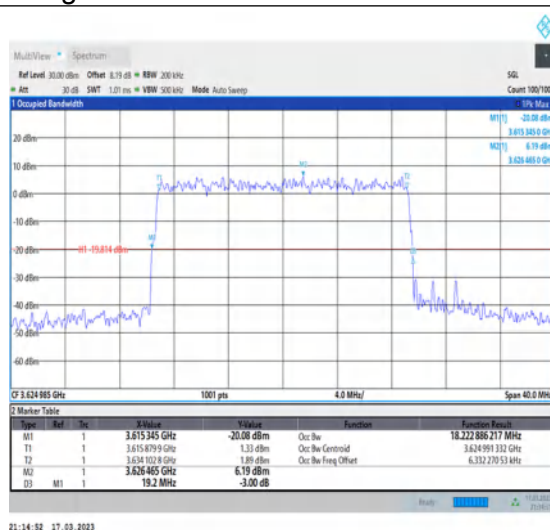
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Rev.: 01
Page: 28 of 122



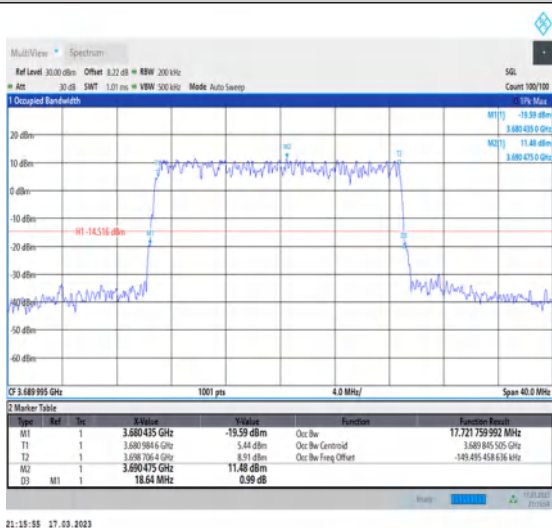
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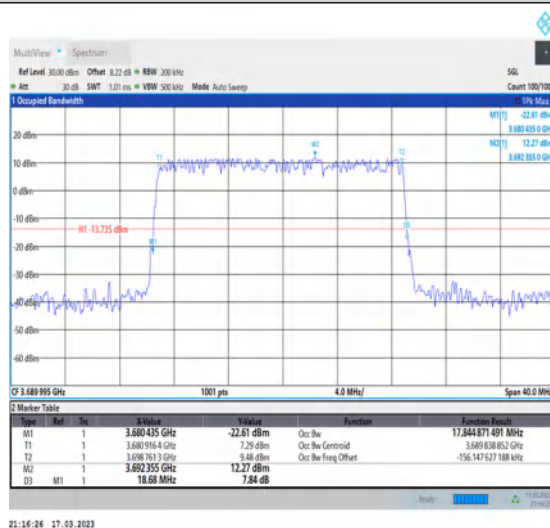
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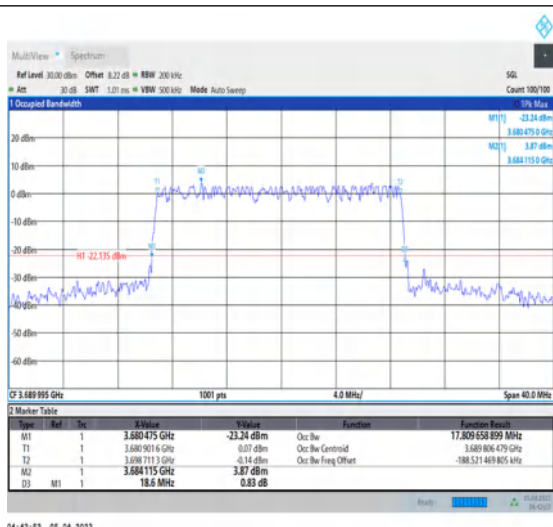
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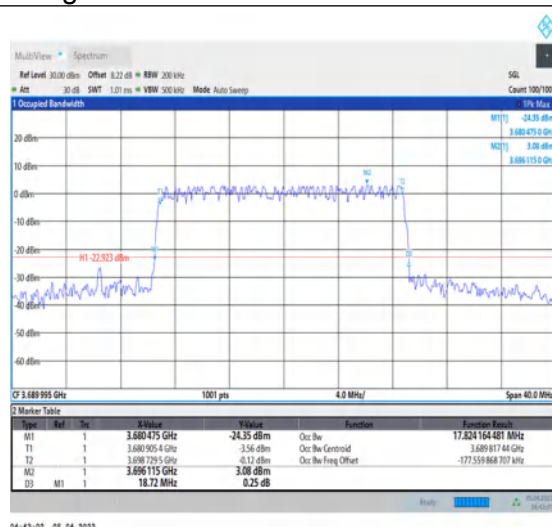
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Rev.: 01

Page: 29 of 122



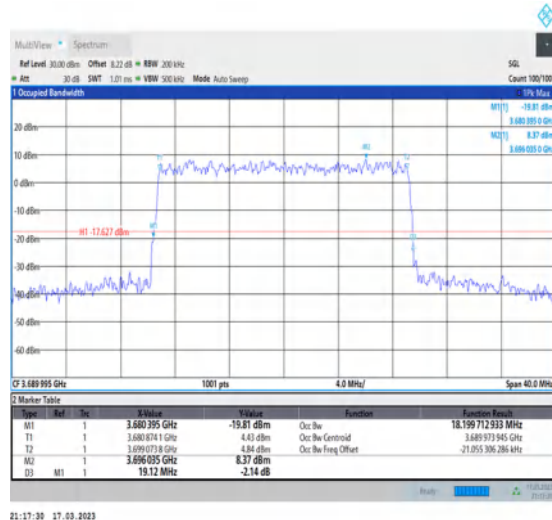
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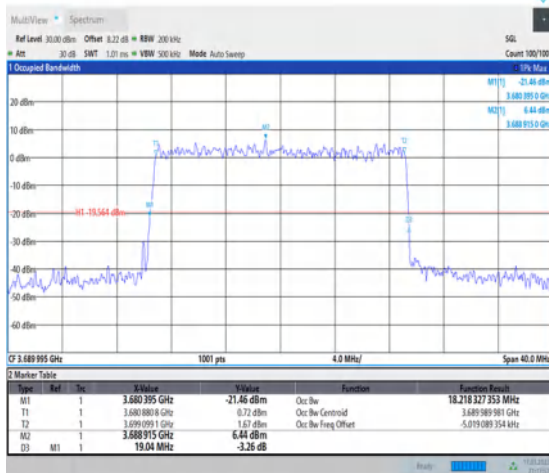
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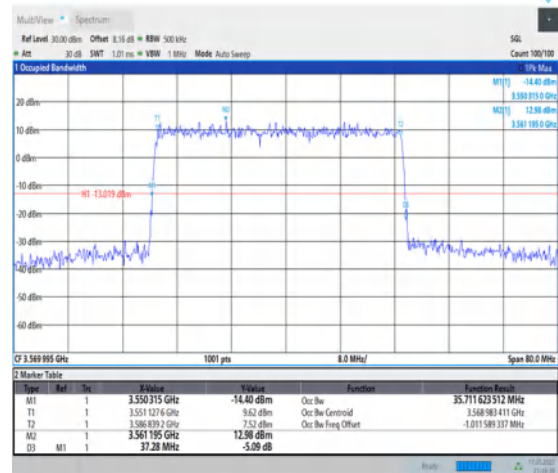
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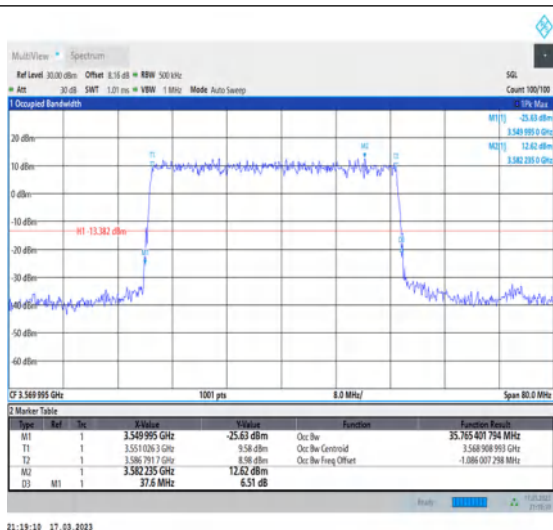
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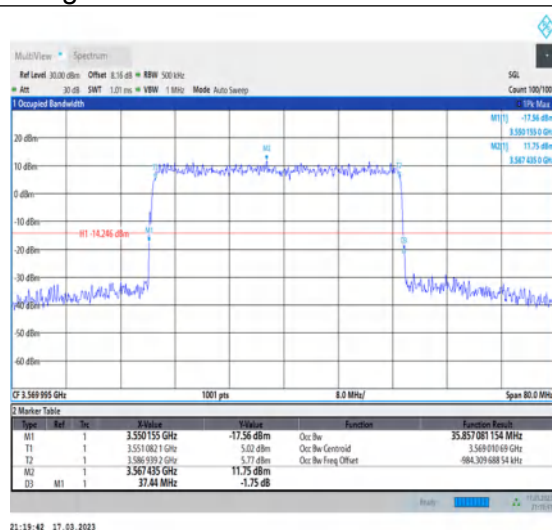
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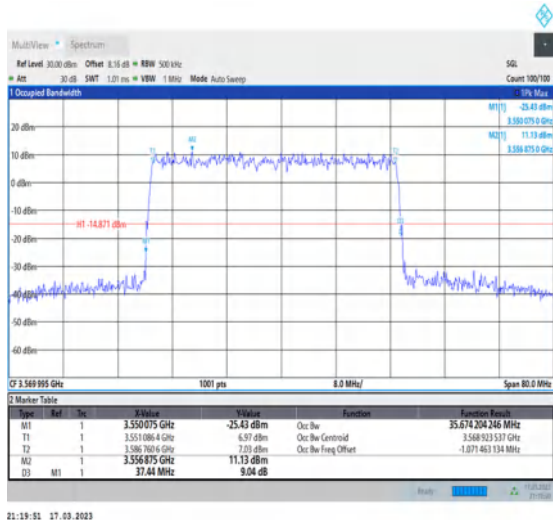
Report No.: SEWM2311000473RG06
Rev.: 01
Page: 31 of 122



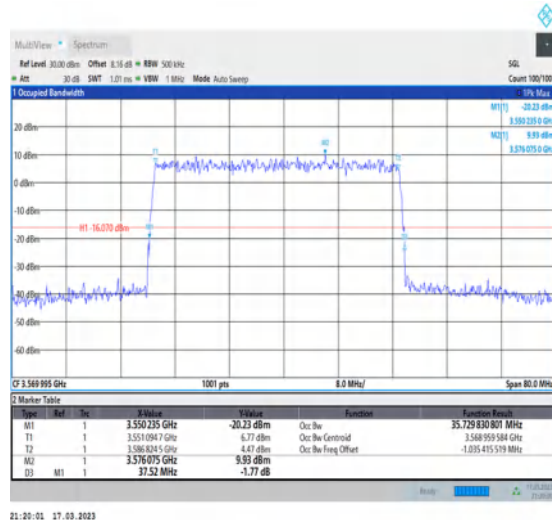
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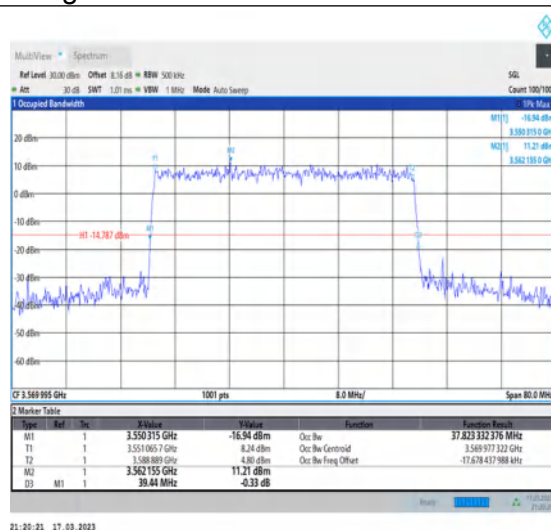
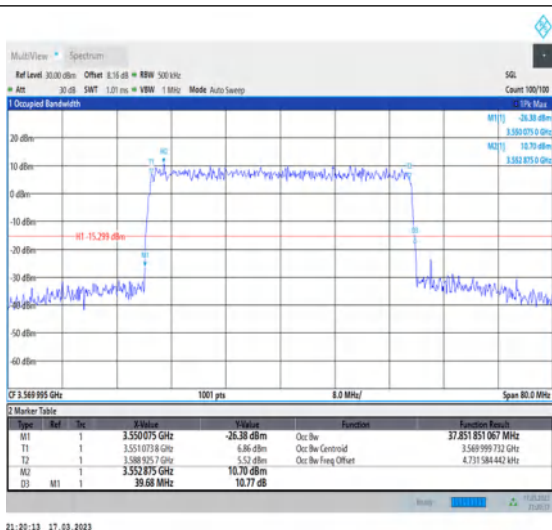
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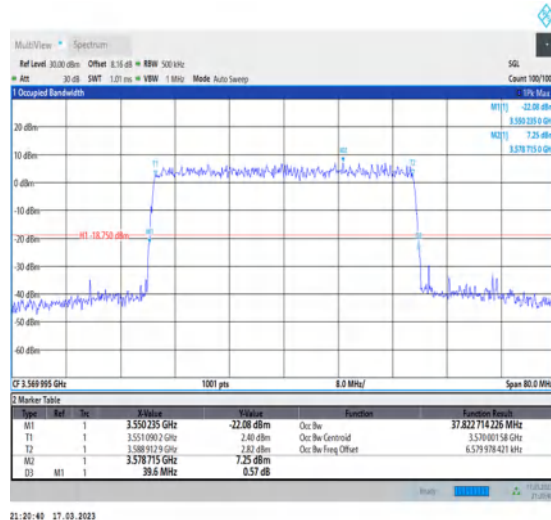
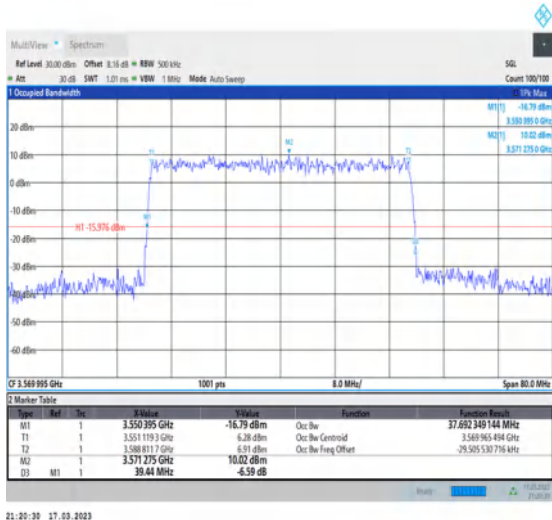
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Report No.: SEWM2311000473RG06
Rev.: 01
Page: 32 of 122



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1-N48-PC3-30-40-L-9-CP-256QAM-Outer_Full-106@0-Ant0-37.823-39.600-≤40-PASS



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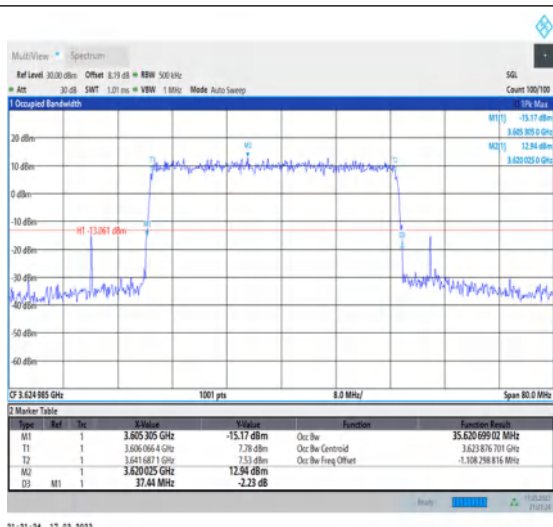
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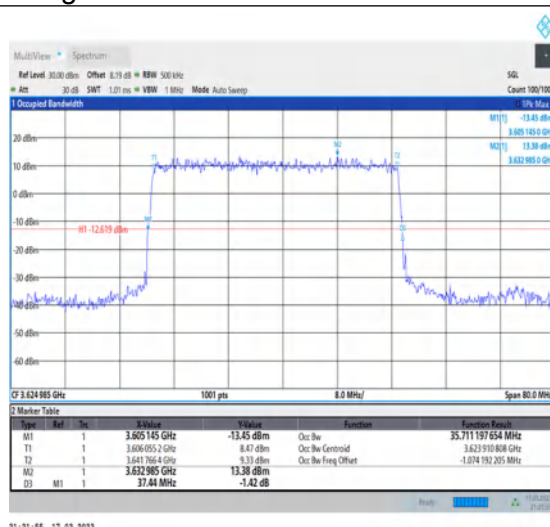
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Page: 33 of 122



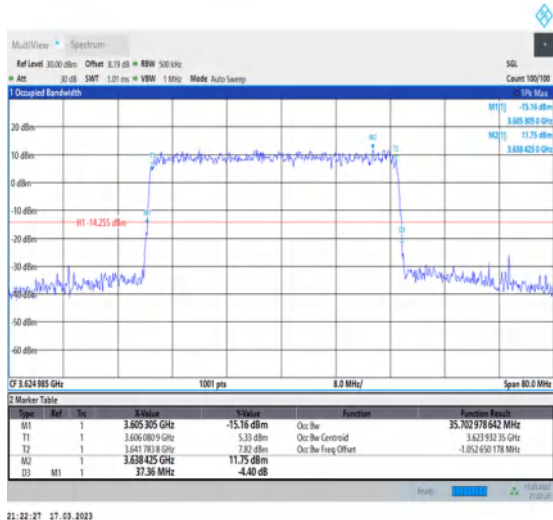
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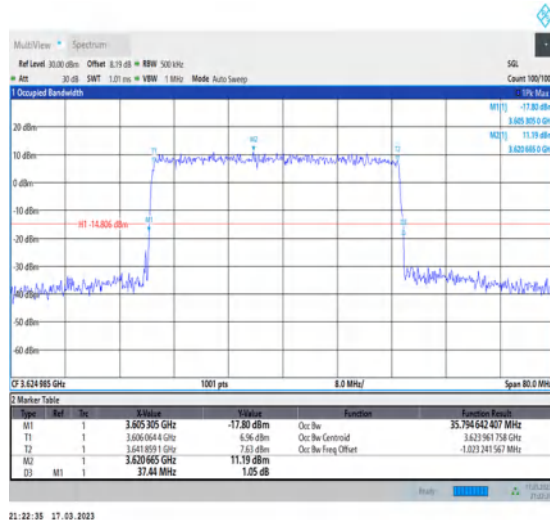
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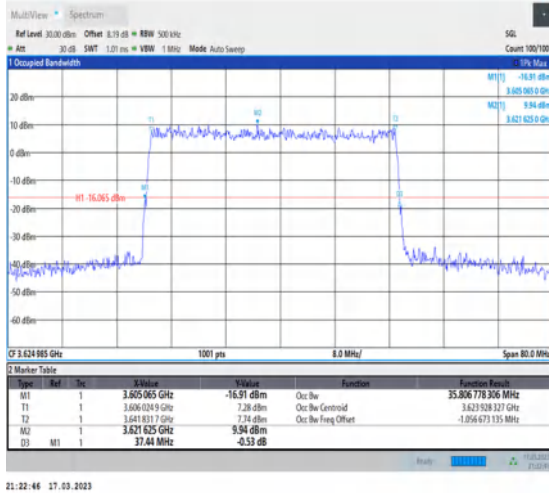
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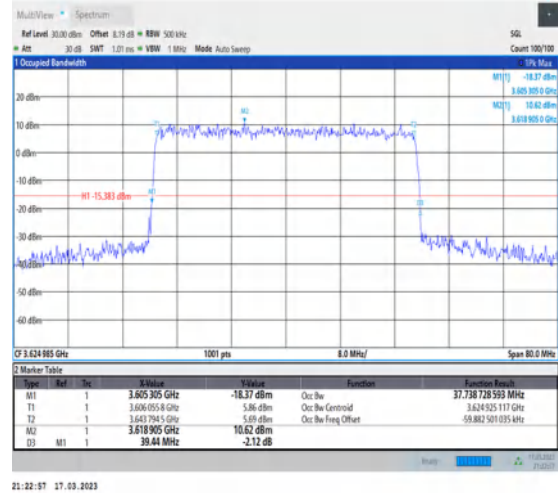
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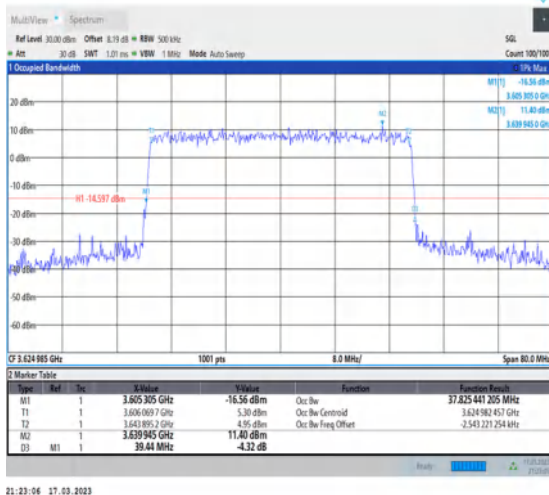
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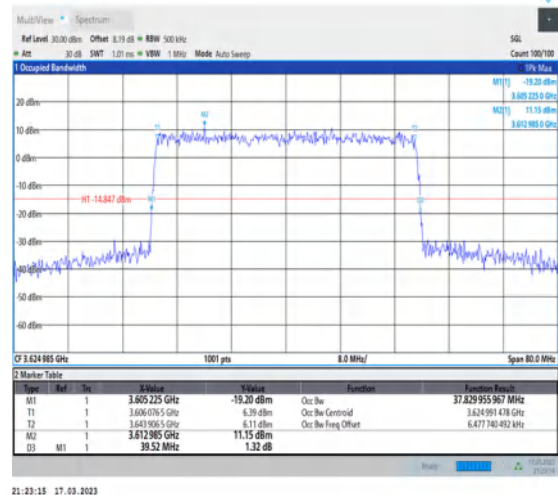
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1-N48-PC3-30-40-M-8-CP-64QAM-Outer_Full-106@0-Ant0-37.83-39.520-≤40-PASS



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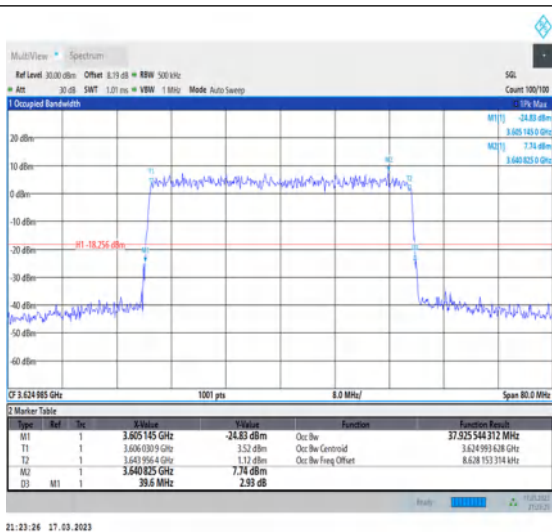
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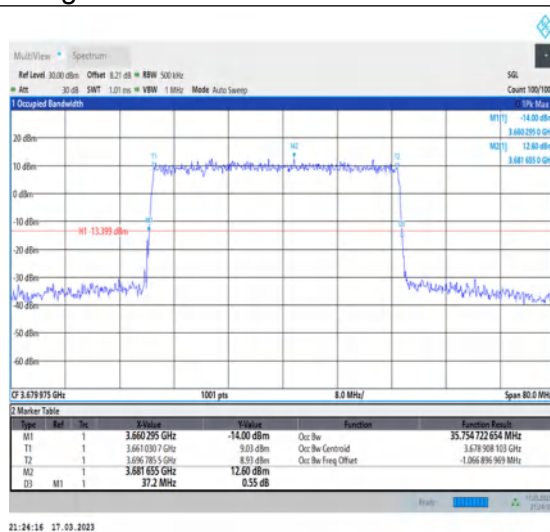
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Report No.: SEWM2311000473RG06
Rev.: 01
Page: 35 of 122



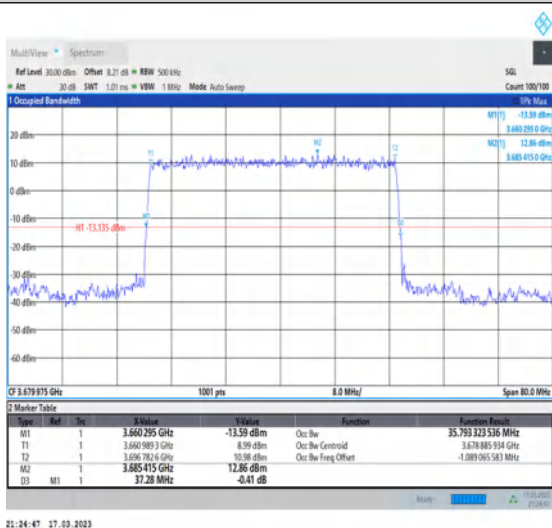
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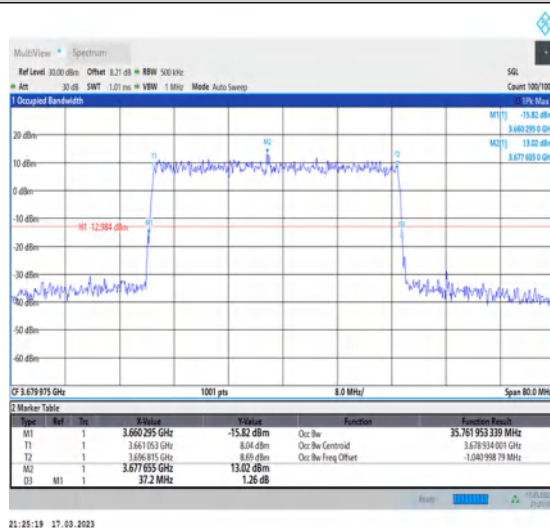
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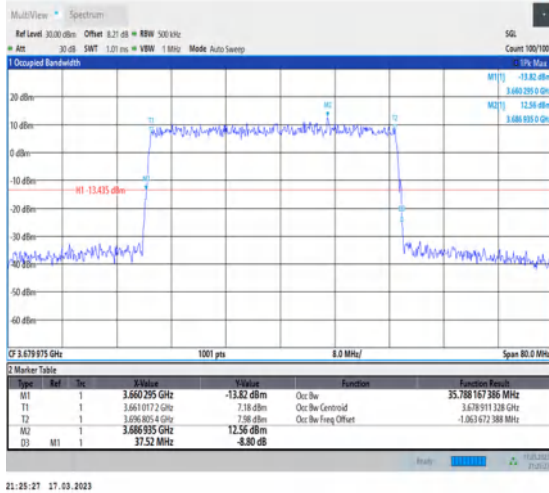
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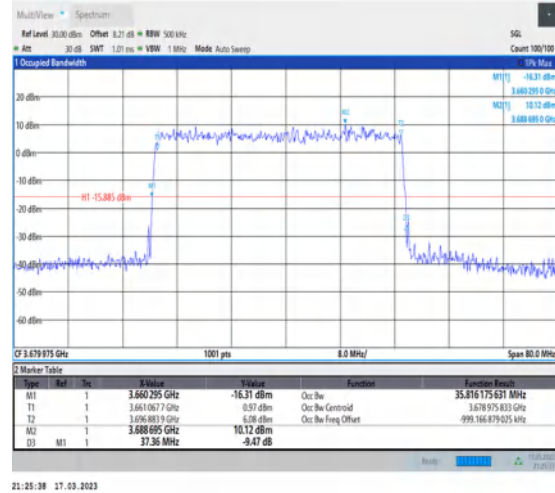
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Page: 36 of 122



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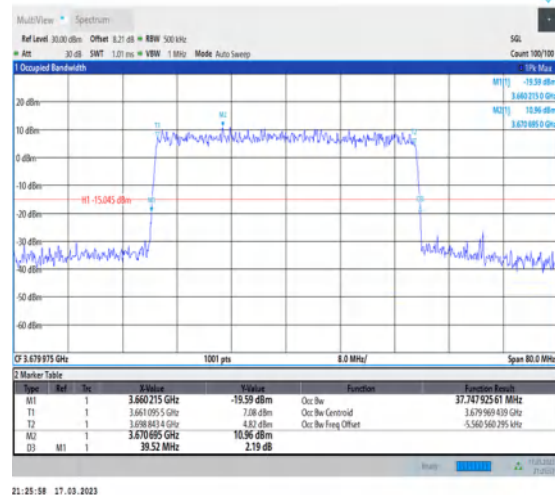
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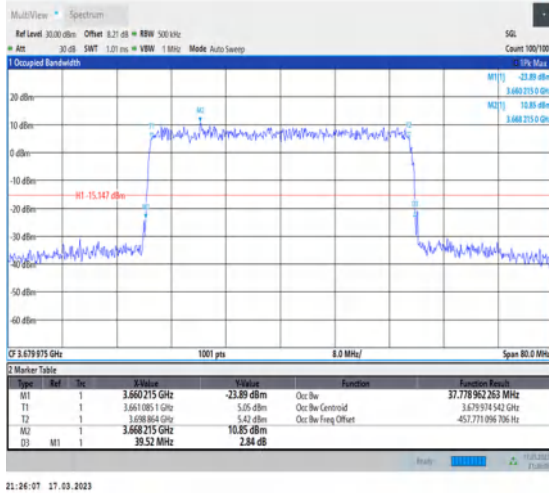
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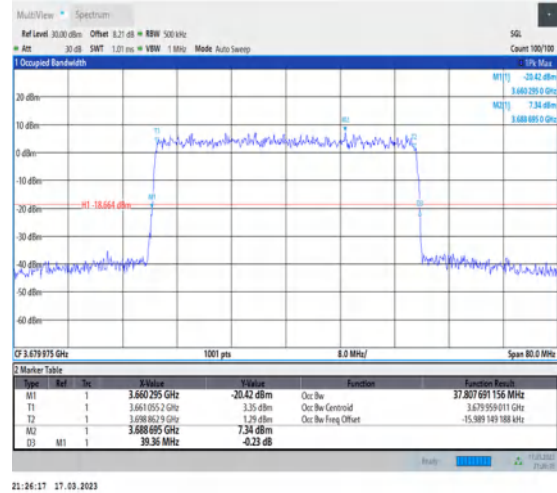
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Page: 37 of 122



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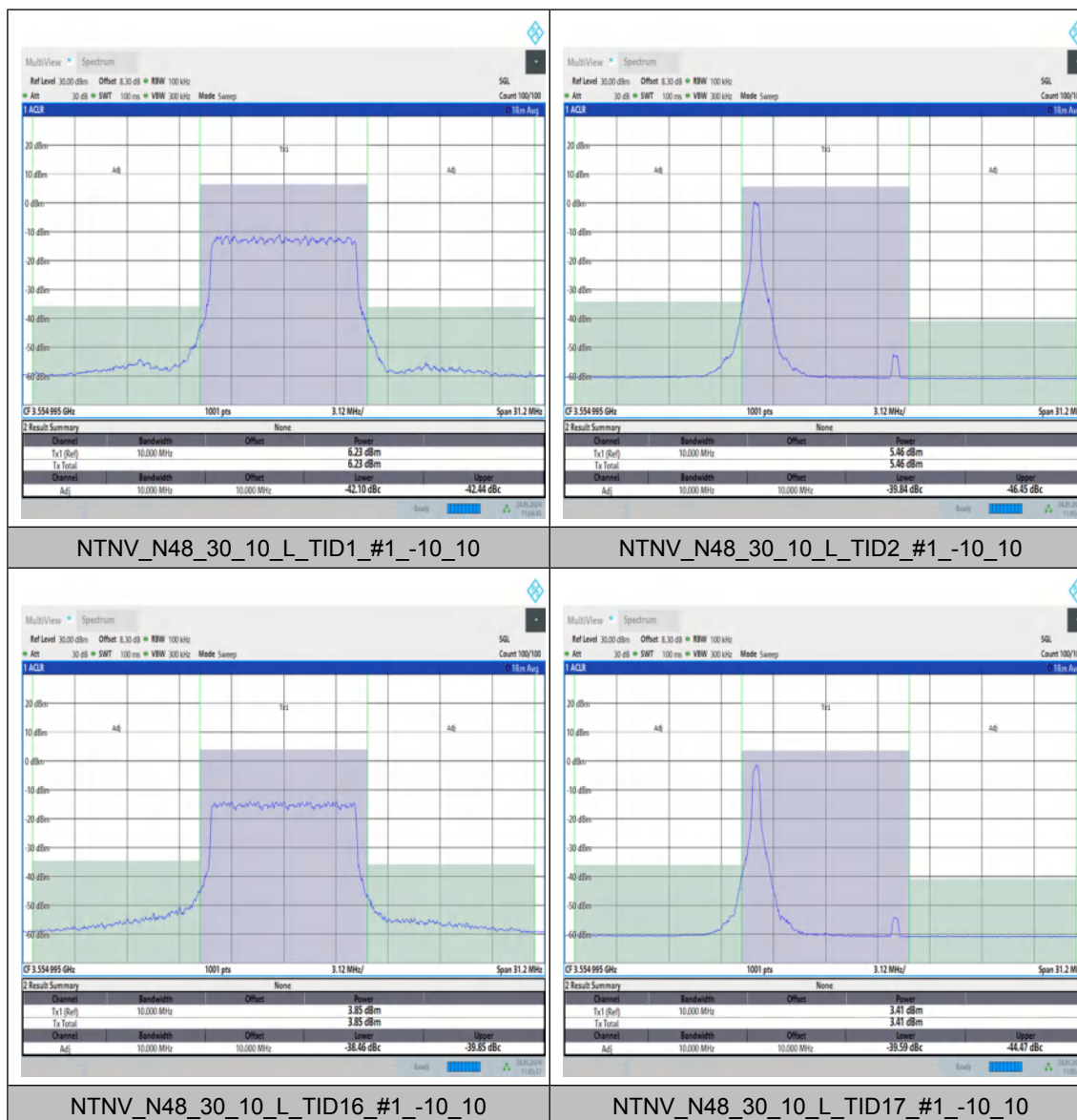
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Rev.: 01
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Test Graphs



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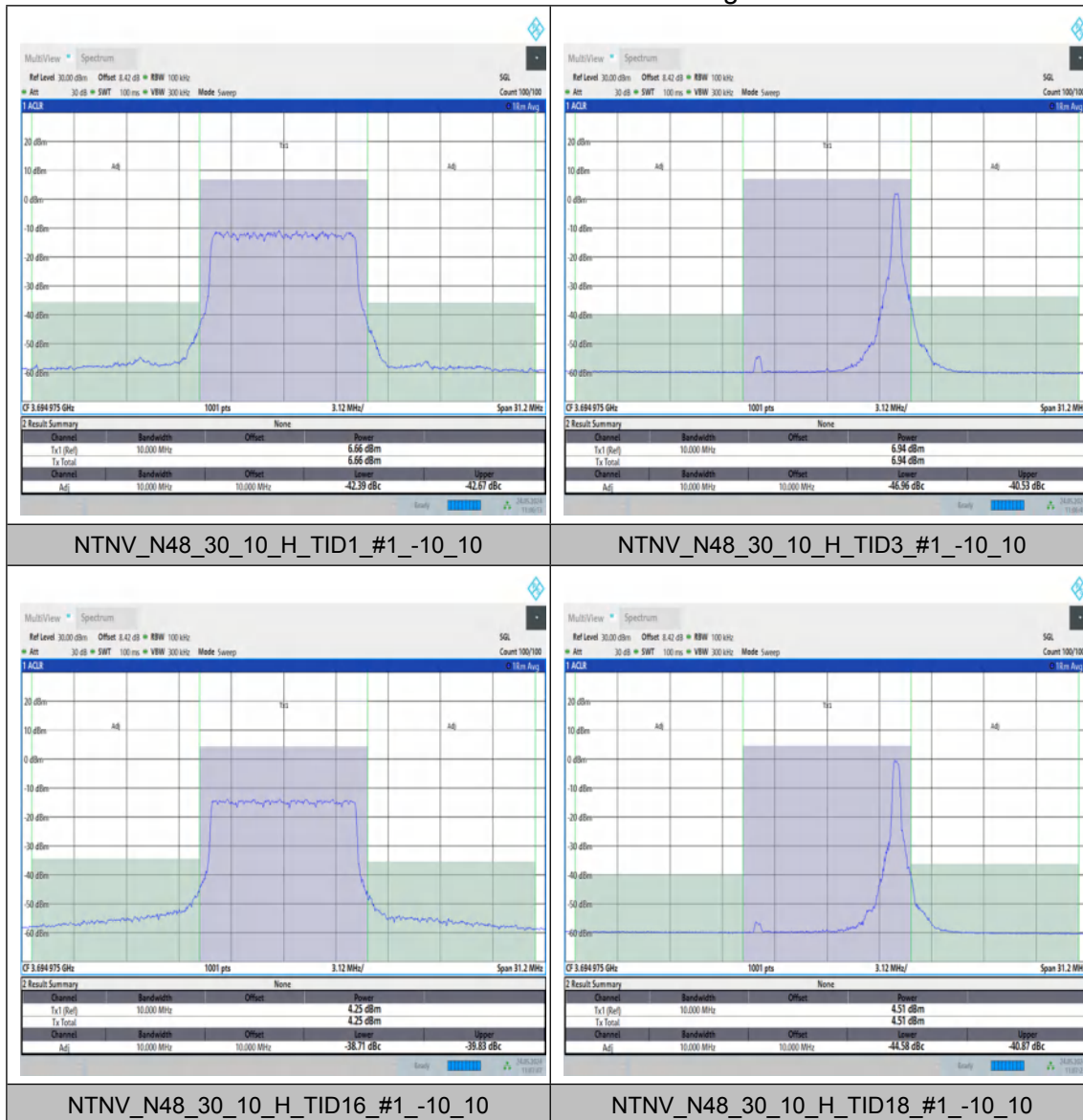
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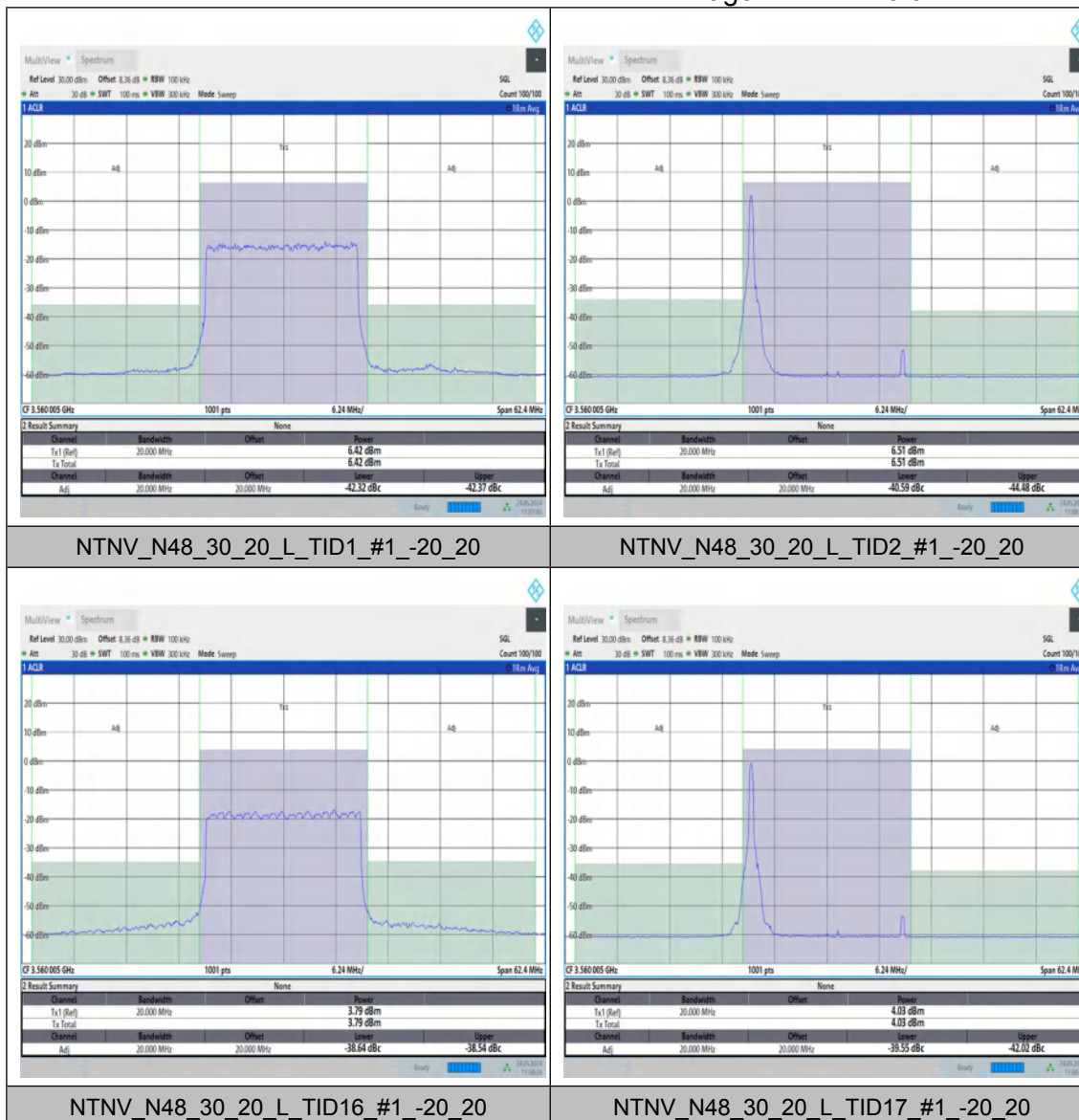
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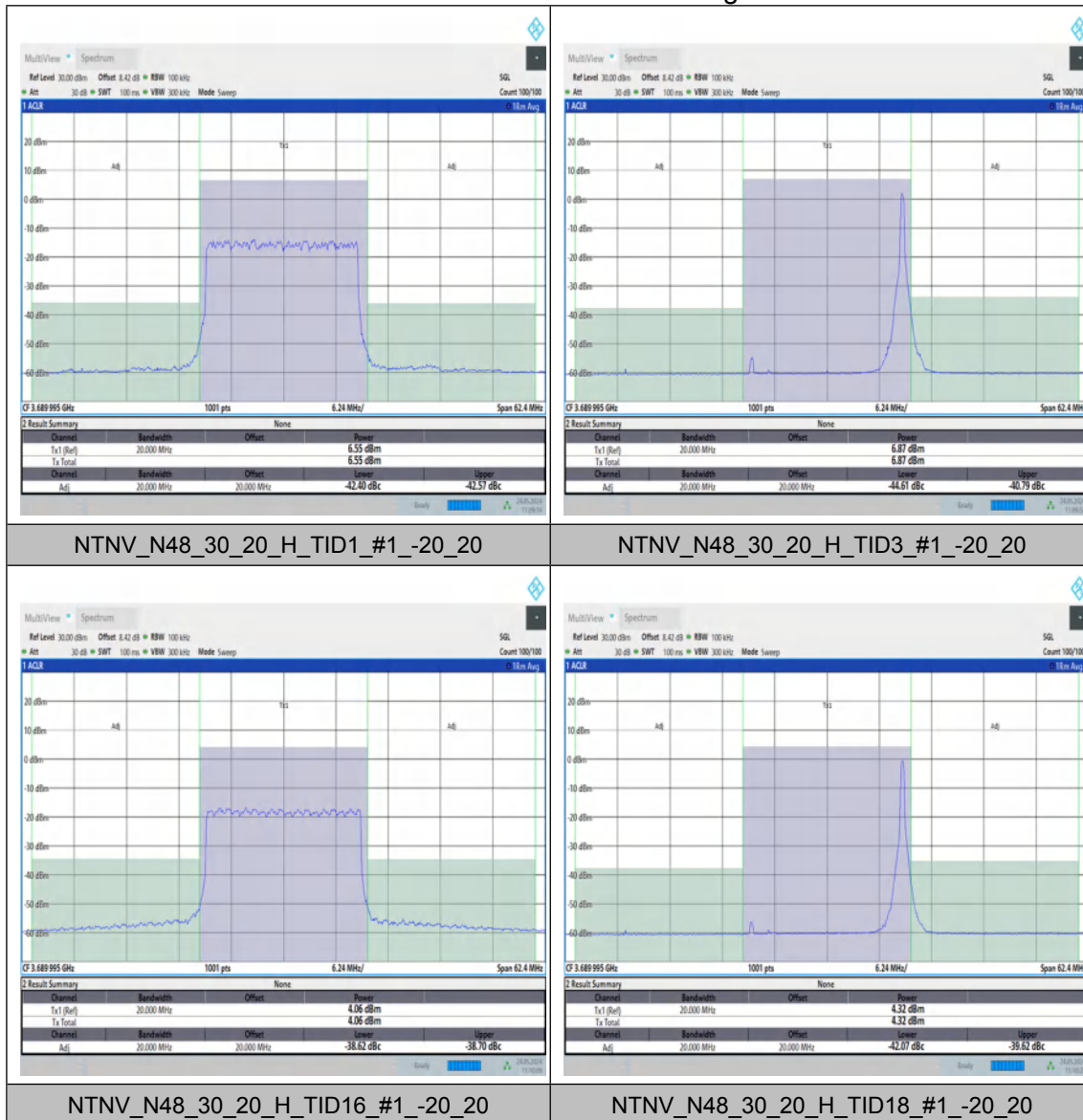
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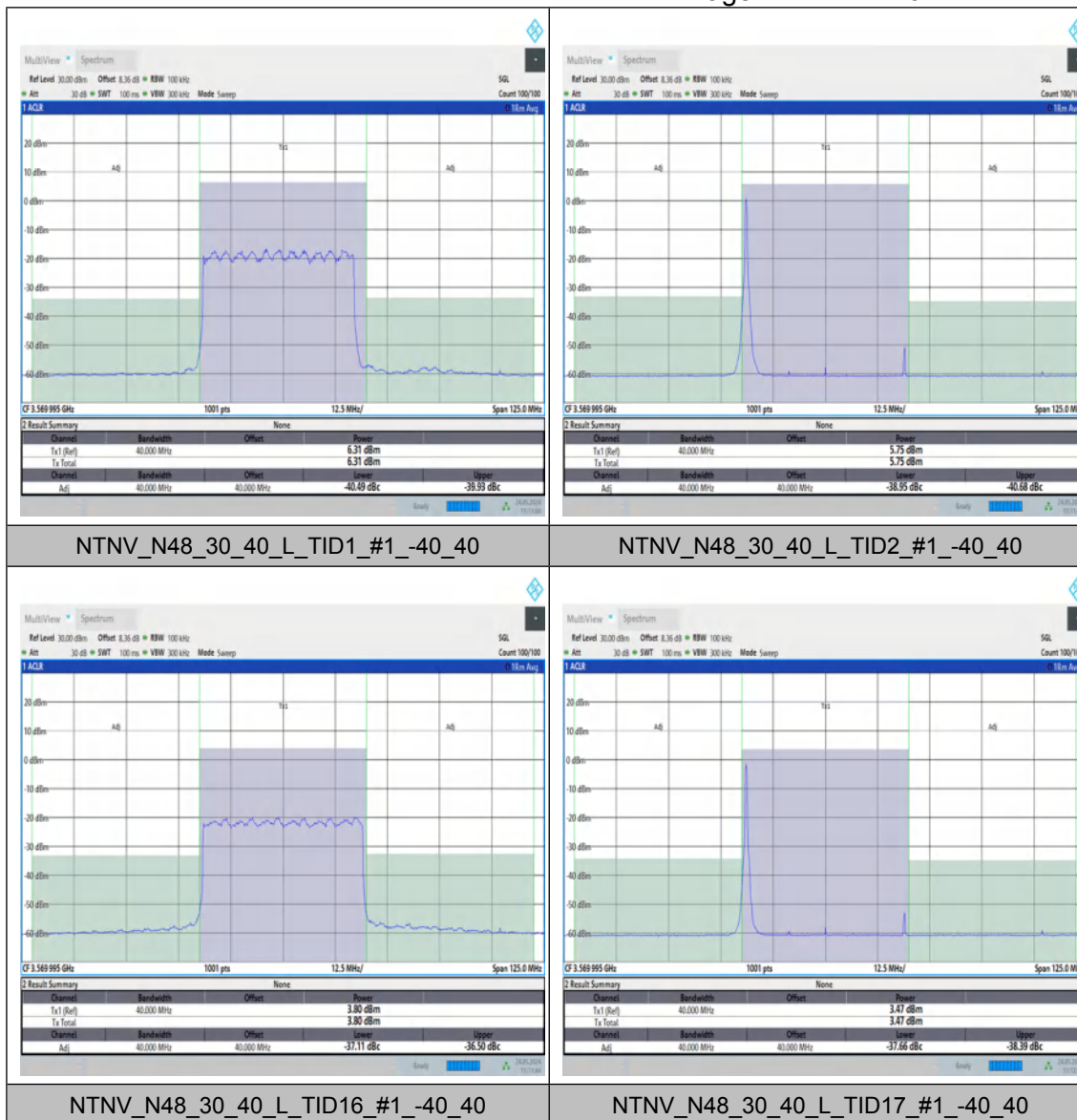
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Rev.: 01

Page: 42 of 122



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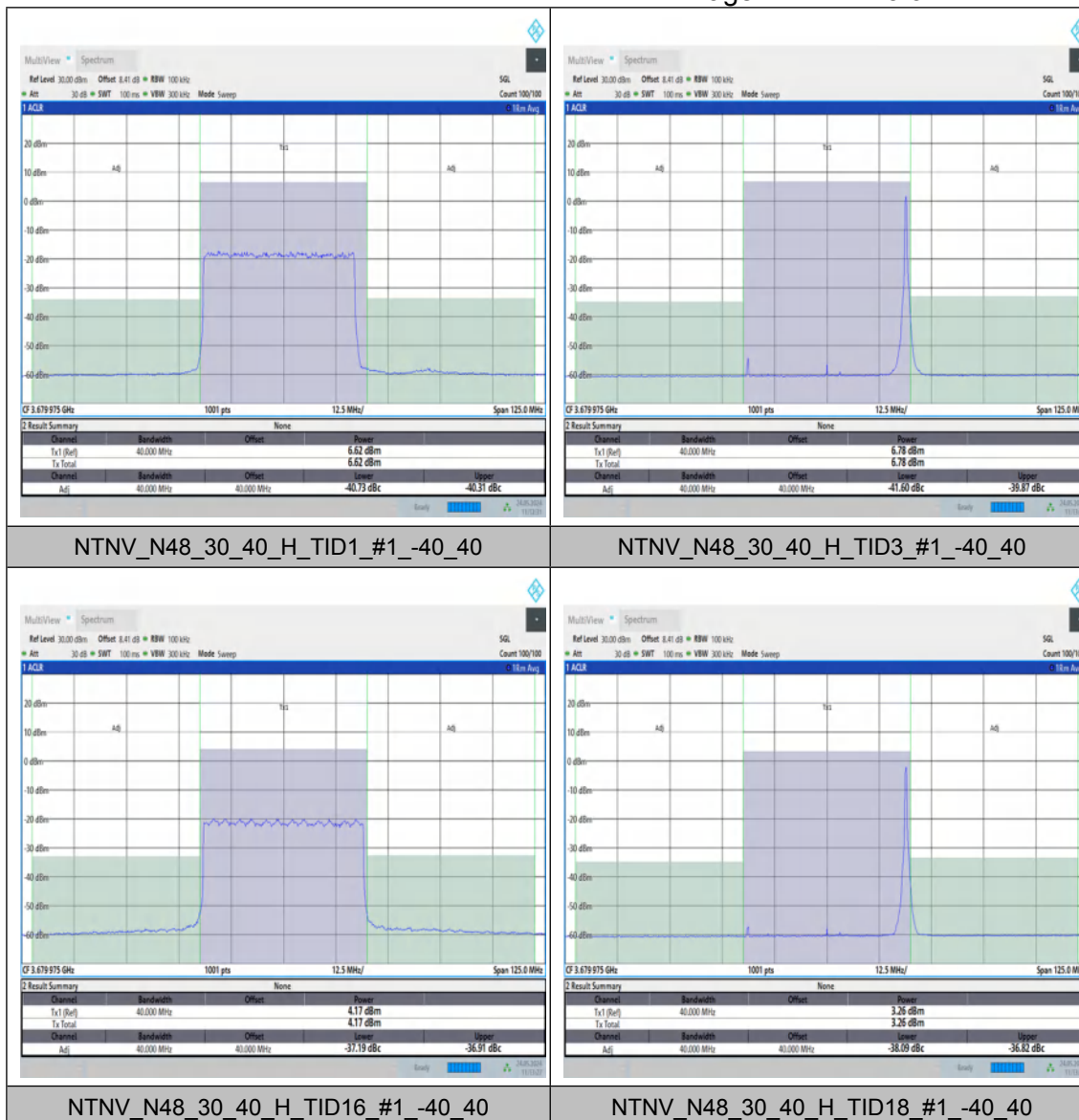
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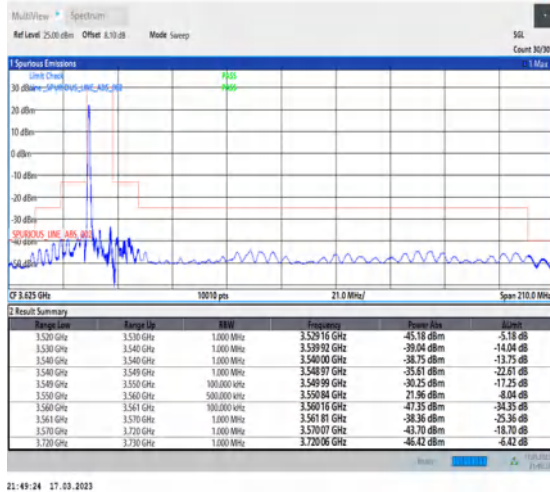
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Rev.: 01
Page: 44 of 122

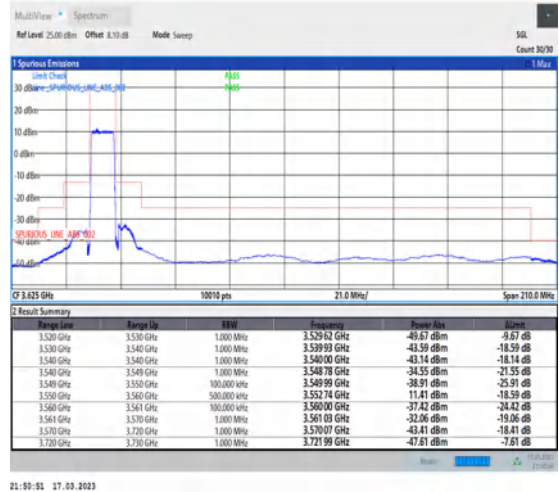
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Test Graphs



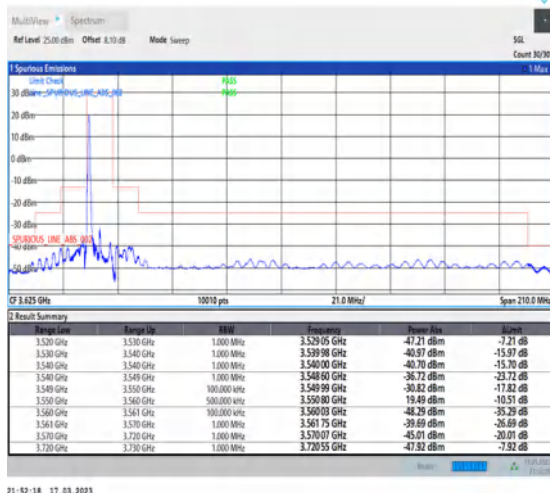
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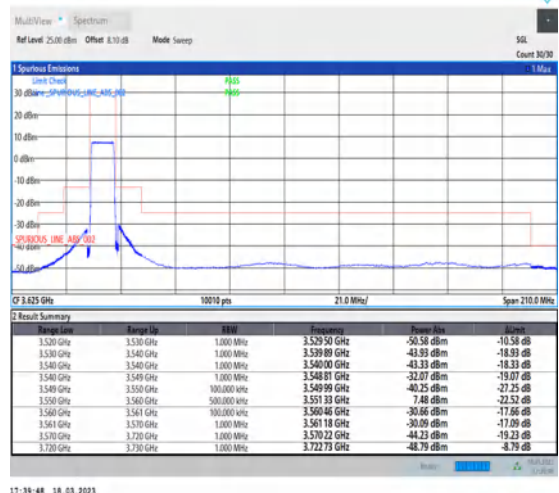
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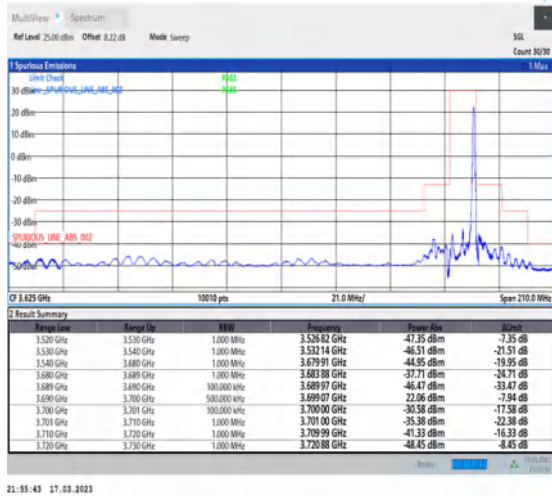
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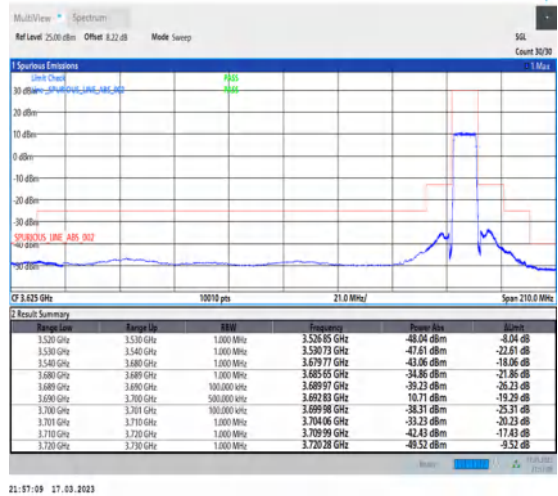
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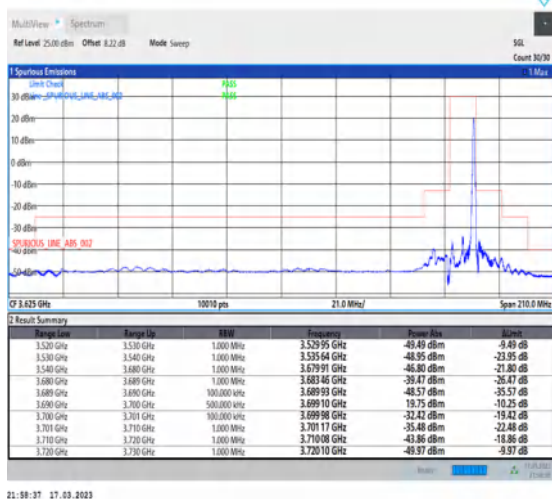
Page: 45 of 122



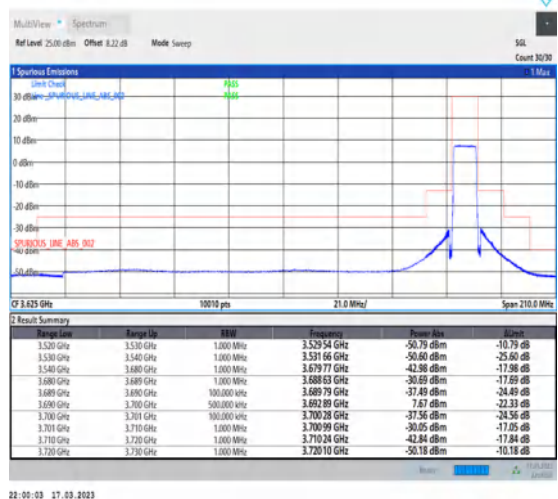
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1-N48-PC3-30-10-H-5-CP-QPSK-Edge_1RB_Right-1@23-Ant0-1--PASS-see graph



1-N48-PC3-30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant0-1--PASS-see graph



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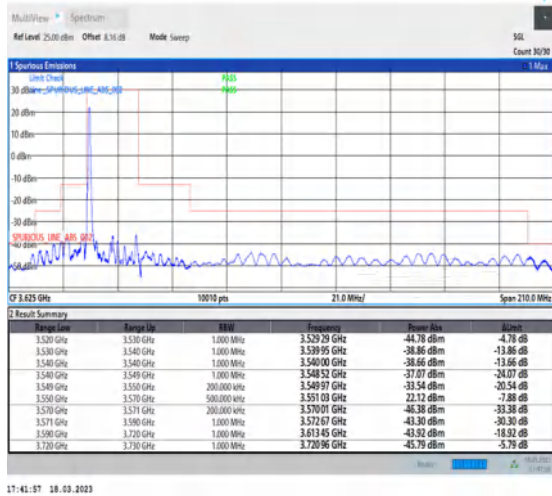
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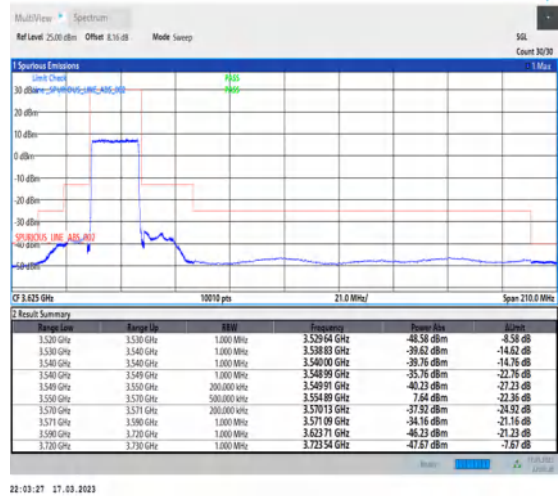
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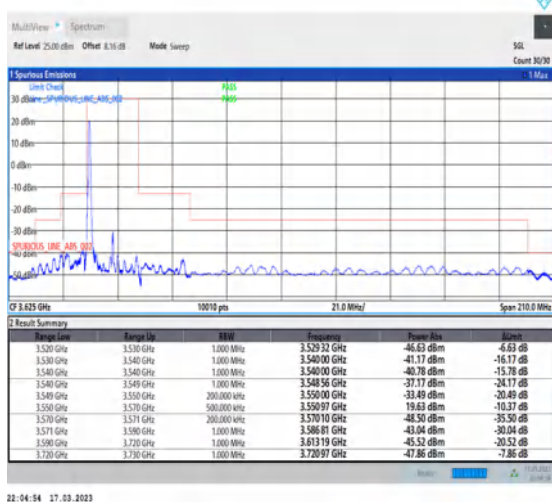
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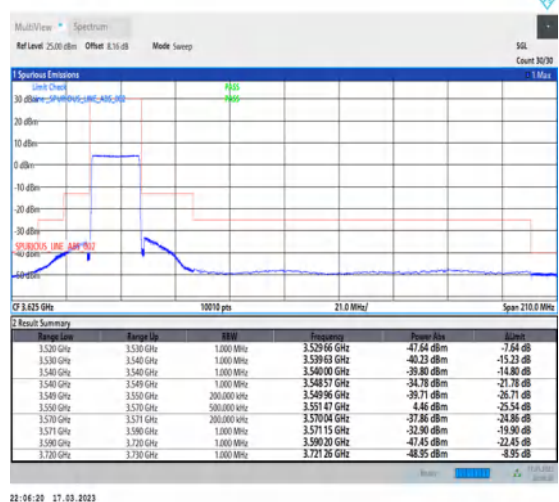
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1-N48-PC3-30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N48-PC3-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant0-1--PASS-see graph



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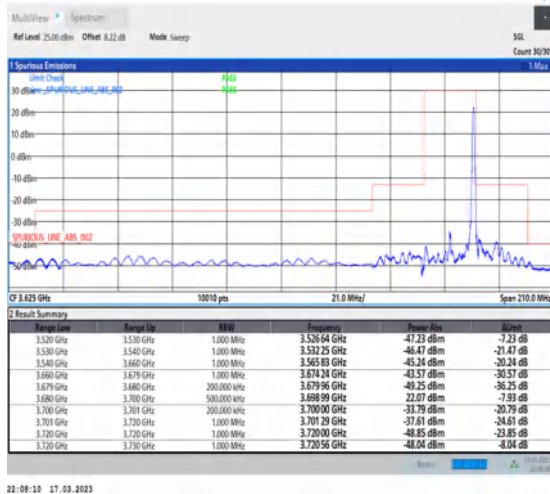
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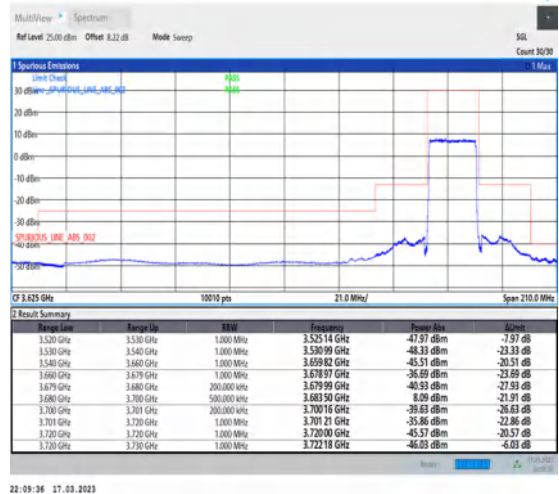
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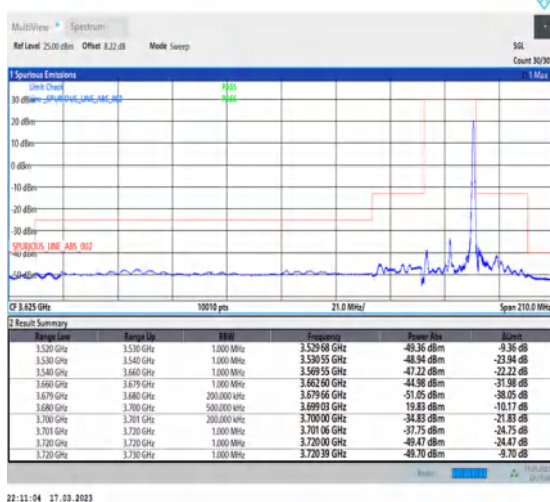
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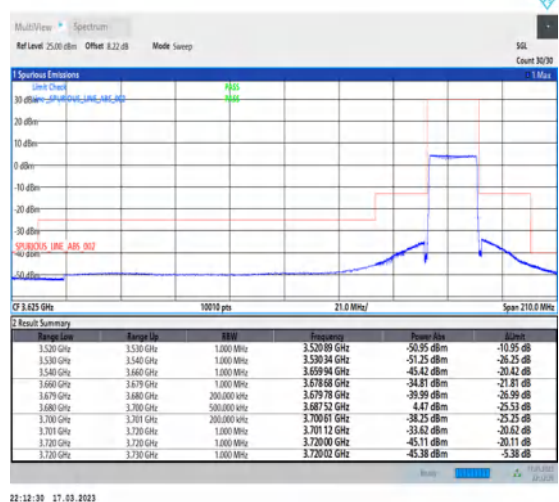
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1-N48-PC3-30-20-H-5-CP-QPSK-Edge_1RB_Right-1@50-Ant0-1--PASS-see graph



1-N48-PC3-30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant0-1--PASS-see graph



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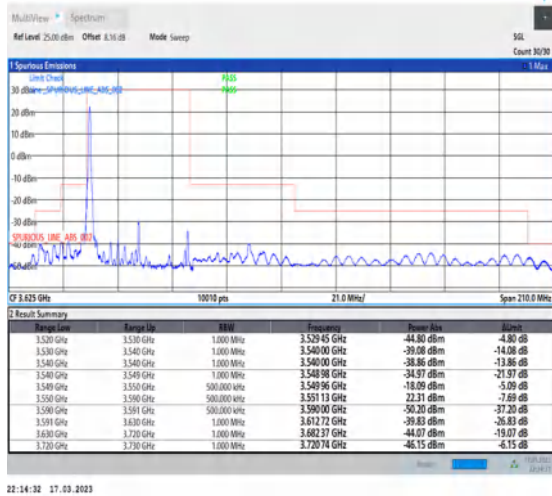
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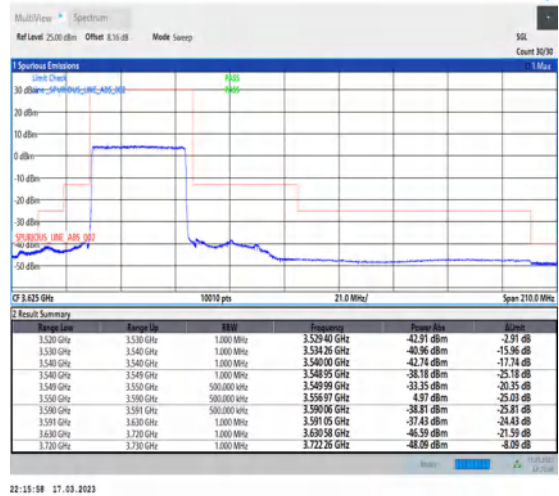
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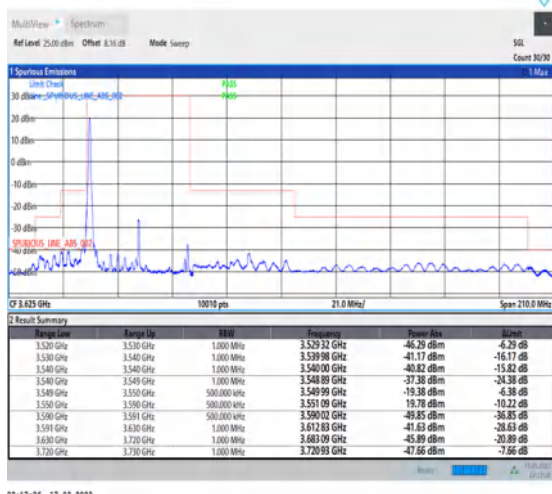
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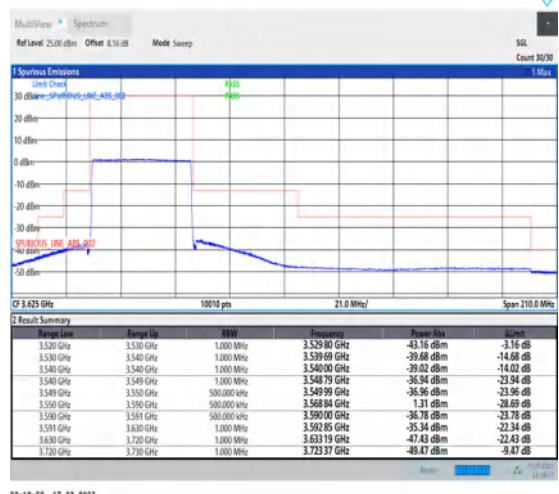
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22:18:52 17.03.2023

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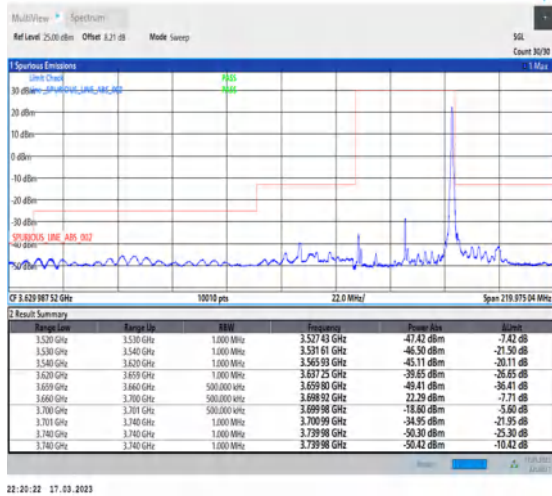
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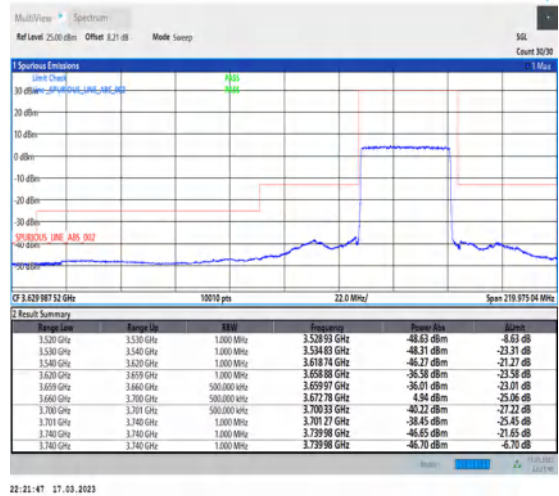
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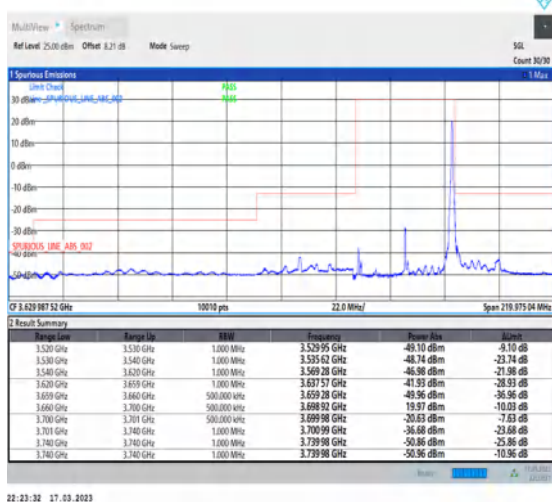
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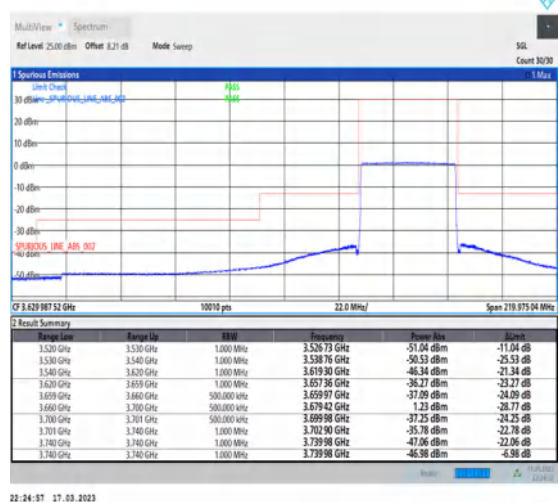
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1-N48-PC3-30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant0-1--PASS-see graph



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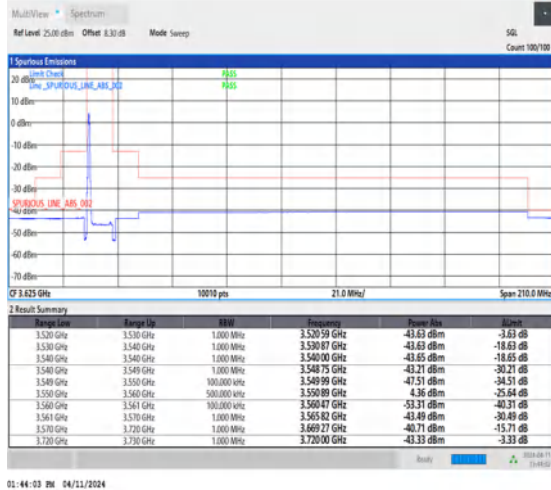
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Page: 50 of 122

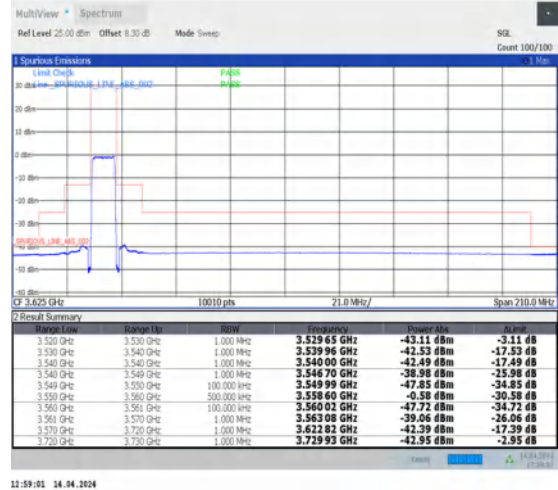
Band Edge for MIMO

Test Graphs



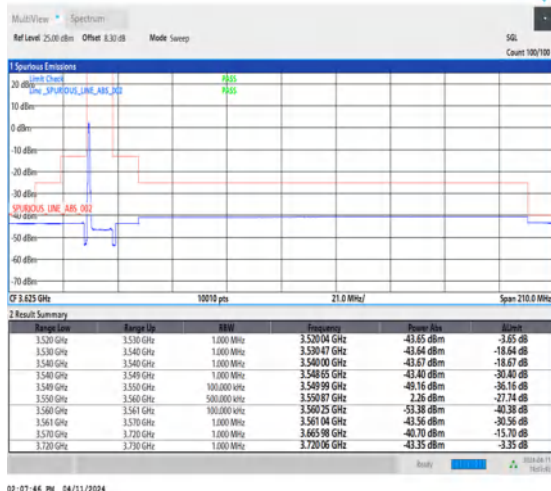
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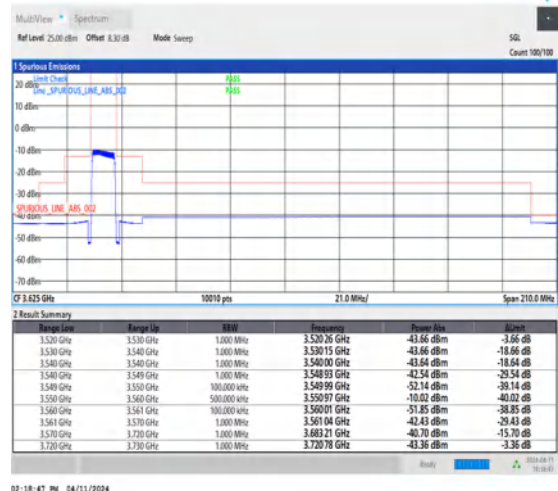
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02:18:47 PM 04/11/2024

1-N48-30-10-L-6-CP-QPSK-Outer_Full-24@0-Ant0-1--PASS-see graph



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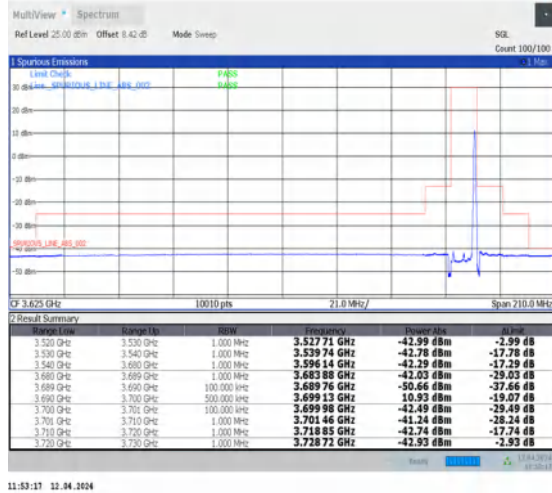
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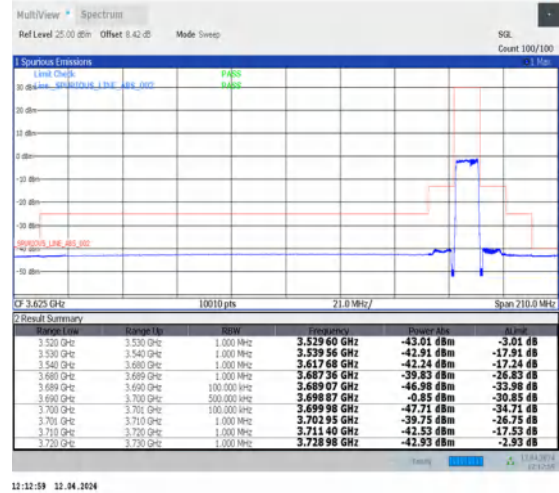
Rev.: 01

Page: 51 of 122



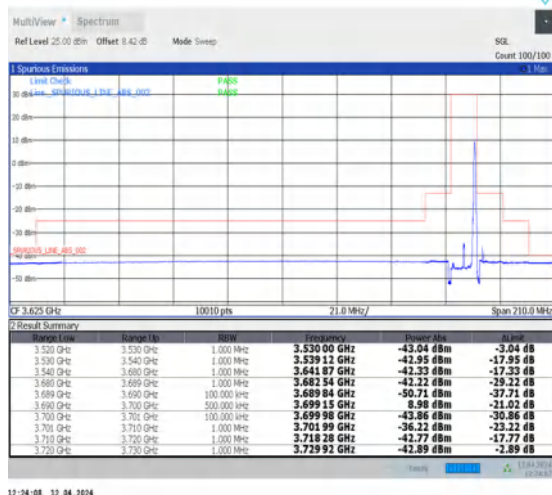
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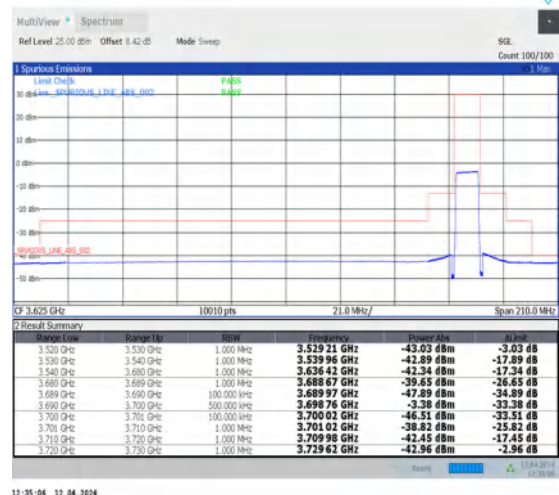
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12:35:06 12.04.2024

1-N48-30-10-H-6-CP-QPSK-Outer_Full-24@0-Ant0-1--PASS-see graph



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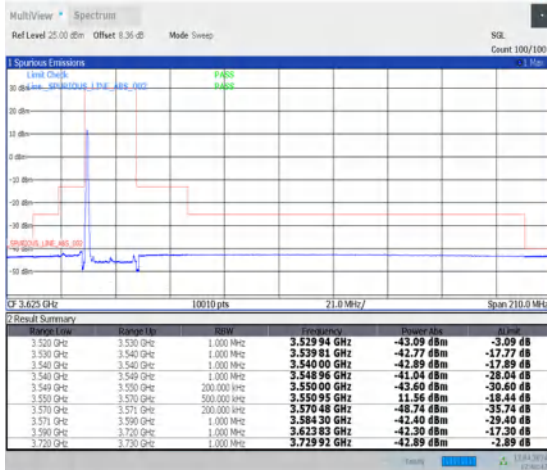
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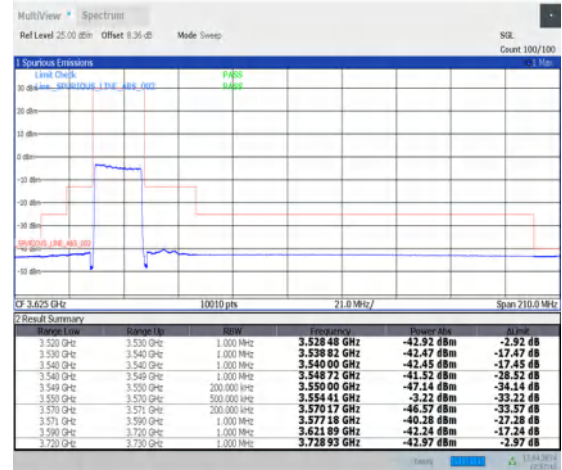
Rev.: 01

Page: 52 of 122



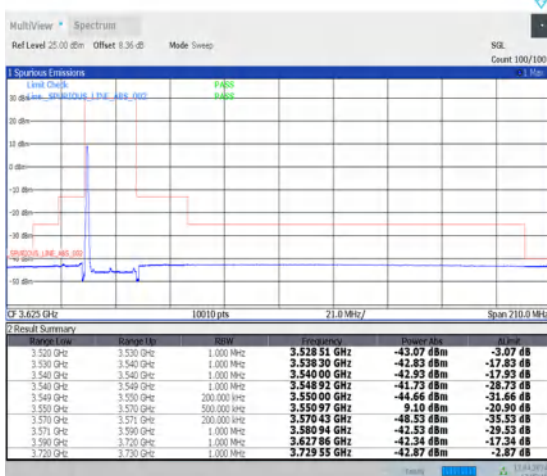
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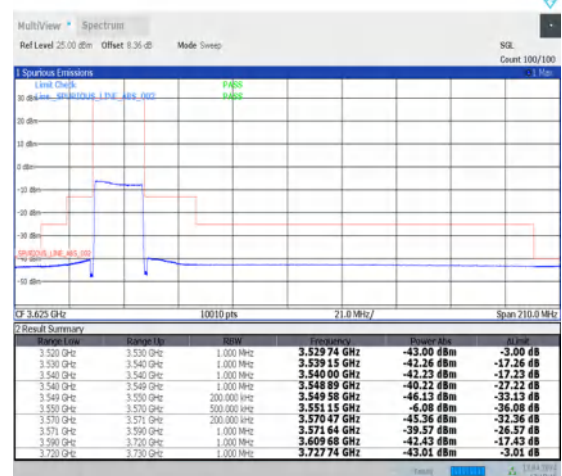
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1-N48-30-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



13:13:46 12.04.2024

1-N48-30-20-L-6-CP-QPSK-Outer_Full-51@0-Ant0-1--PASS-see graph



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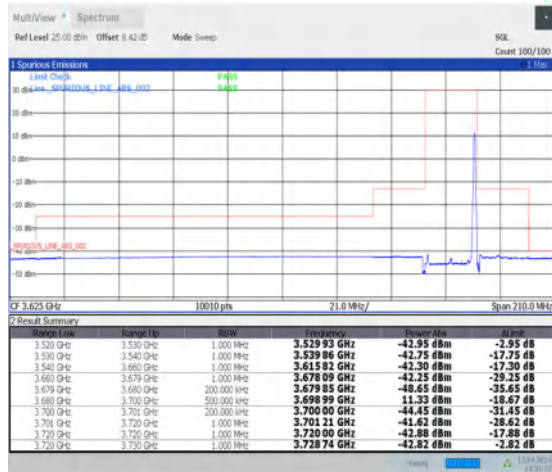
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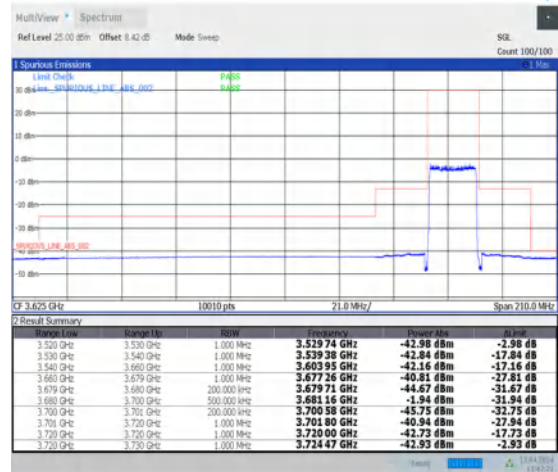
Rev.: 01

Page: 53 of 122



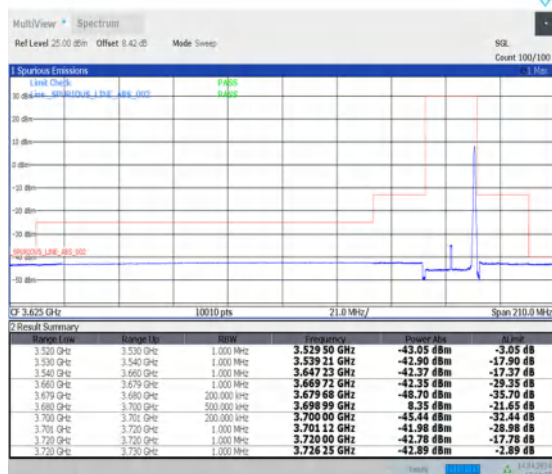
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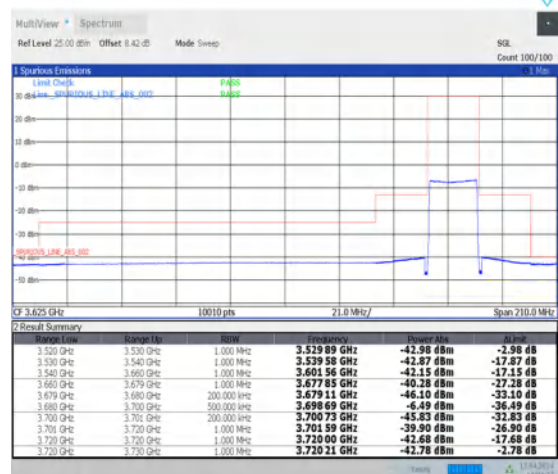
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13:14:28 14.04.2024

1-N48-30-20-H-5-CP-QPSK-Edge_1RB_Right-1@50-Ant0-1--PASS-see graph



14:04:23 12.04.2024

1-N48-30-20-H-6-CP-QPSK-Outer_Full-51@0-Ant0-1--PASS-see graph



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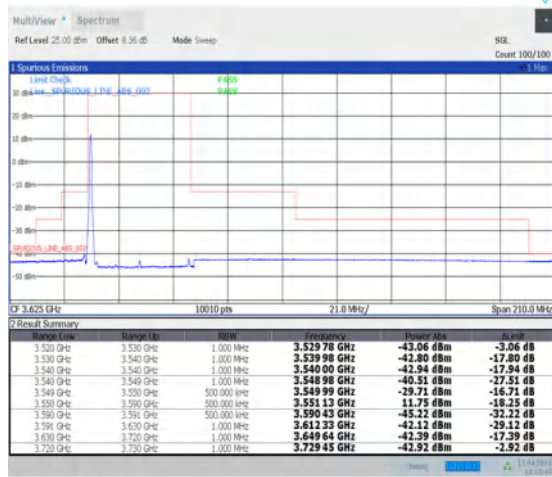
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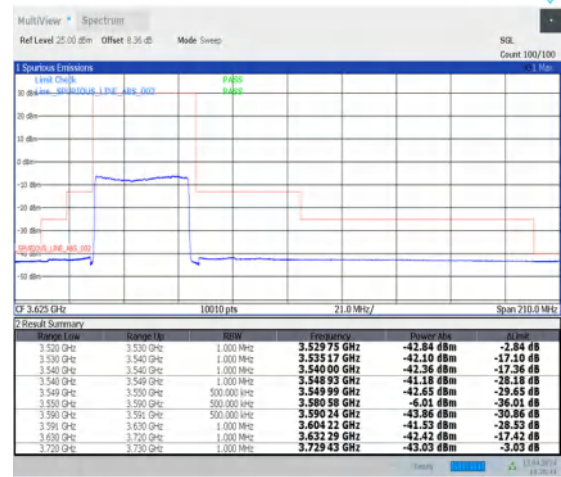
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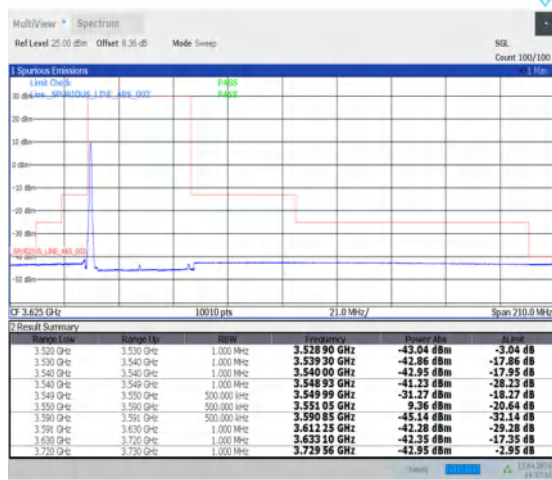
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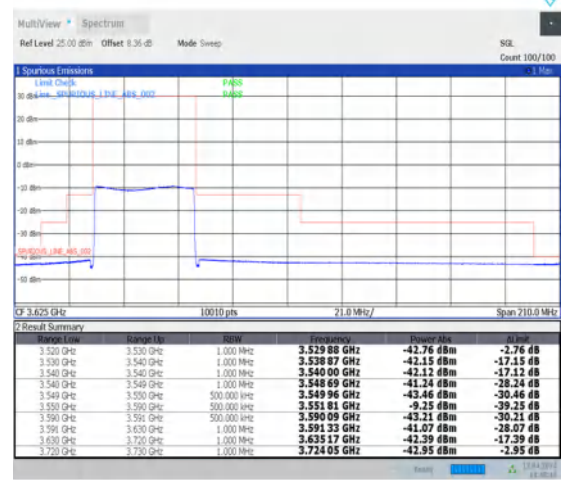
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1-N48-30-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant0-1--PASS-see graph



1-N48-30-40-L-6-CP-QPSK-Outer_Full-106@0-Ant0-1--PASS-see graph



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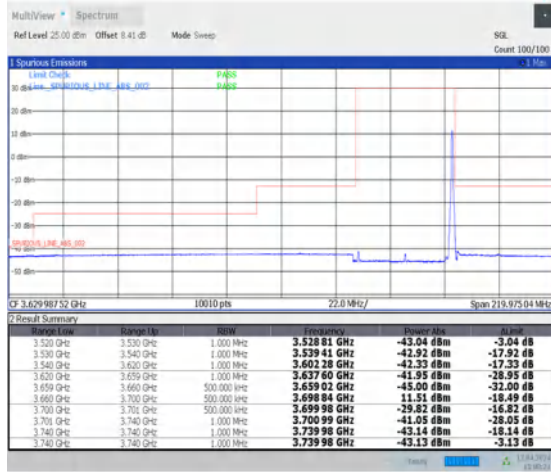
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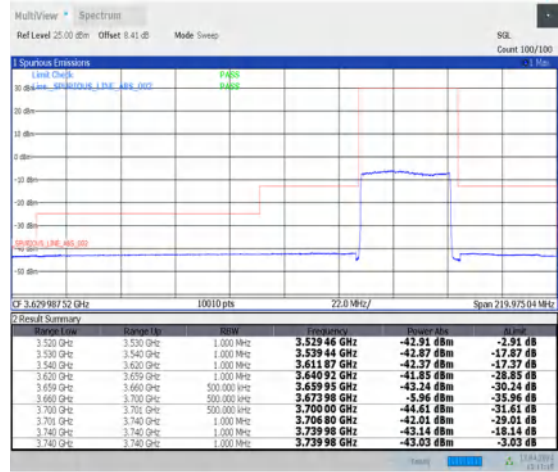
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Rev.: 01
Page: 55 of 122



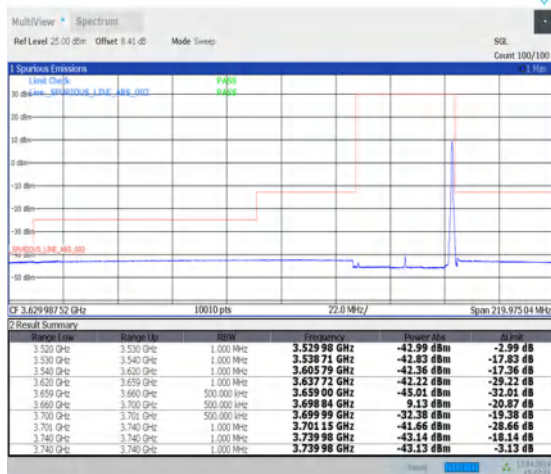
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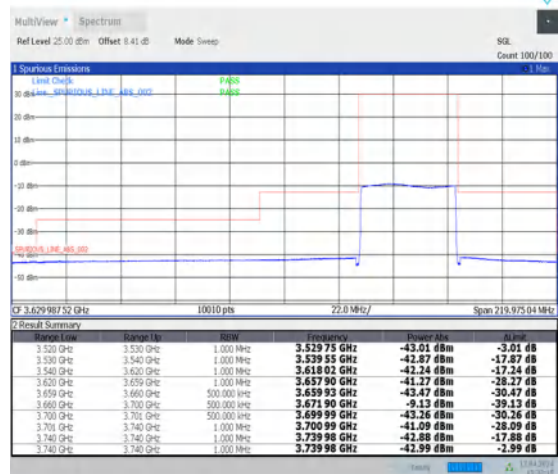
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15:33:20 12.04.2024

1-N48-30-40-H-6-CP-QPSK-Outer_Full-106@0-Ant0-1--PASS-see graph



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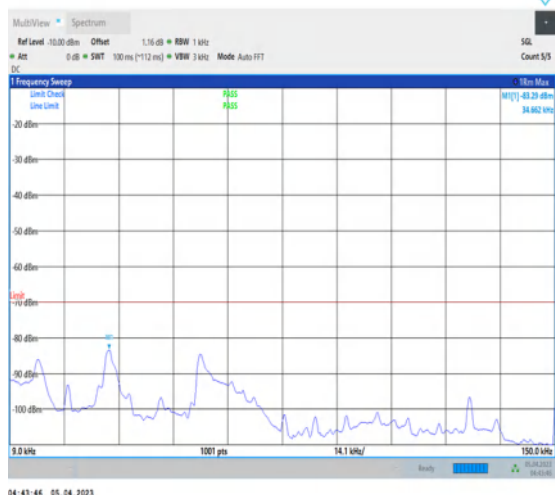
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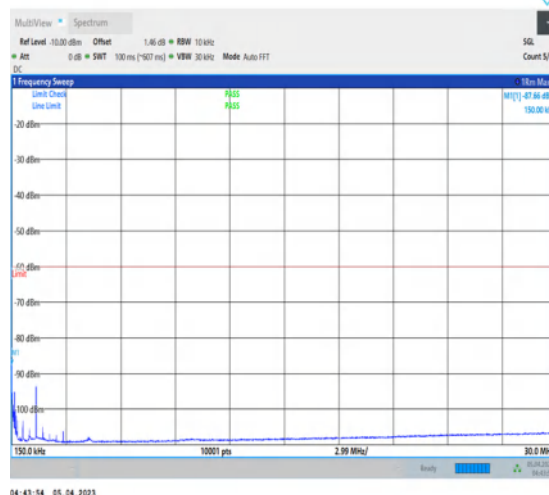
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Rev.: 01
Page: 56 of 122

Conducted Spurious Emission for SA

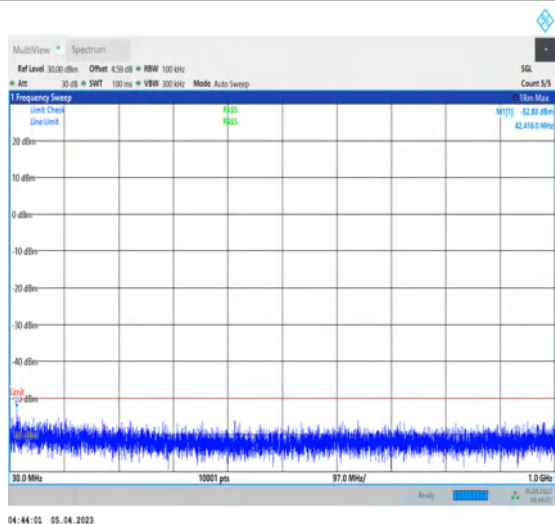
Test Graphs



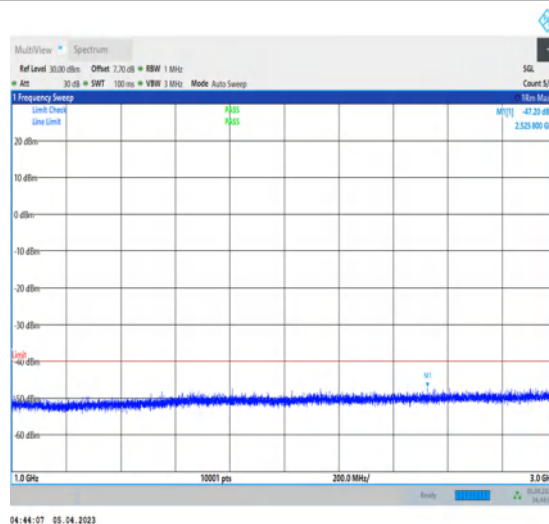
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70-PASS



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PASS



1-N48-PC3-30-40-L-1-DFT-PI2BPSK-
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50-PASS



1-N48-PC3-30-40-L-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-1000-3000-Ant0-2998.40--
47.20--40-PASS



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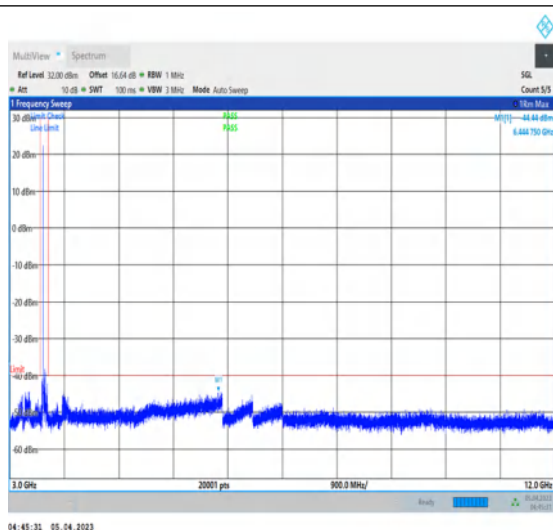
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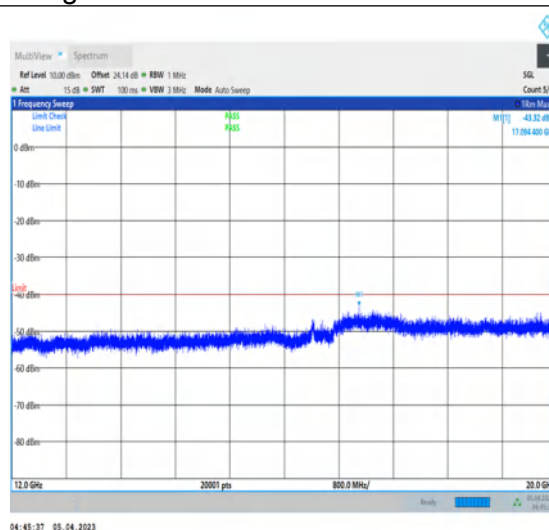
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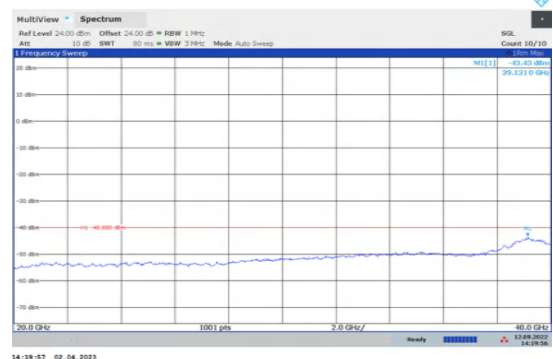
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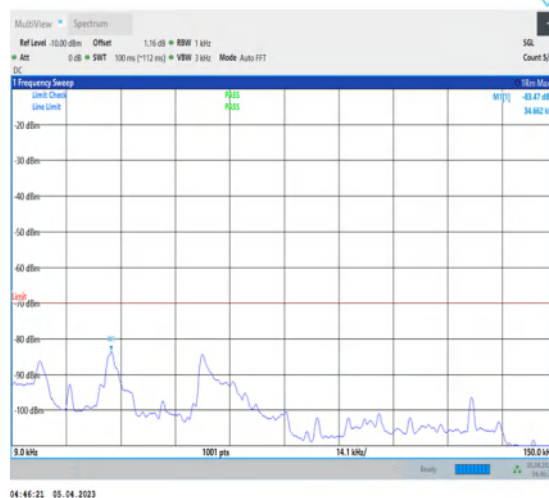
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43.32--40-PASS



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44.44--40-PASS



1-N48-PC3-30-40-M-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-0.009-0.15-Ant0-0.02--83.47--
70-PASS



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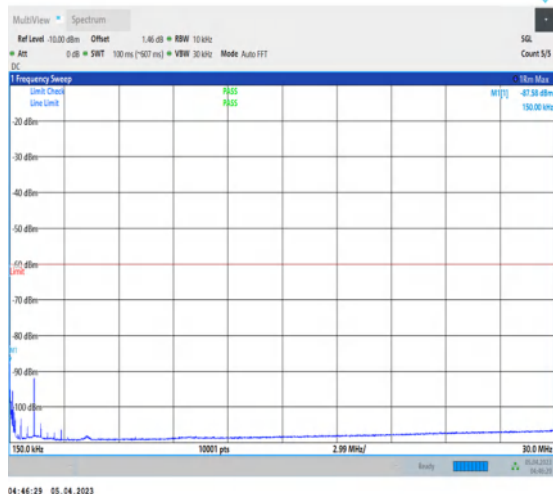
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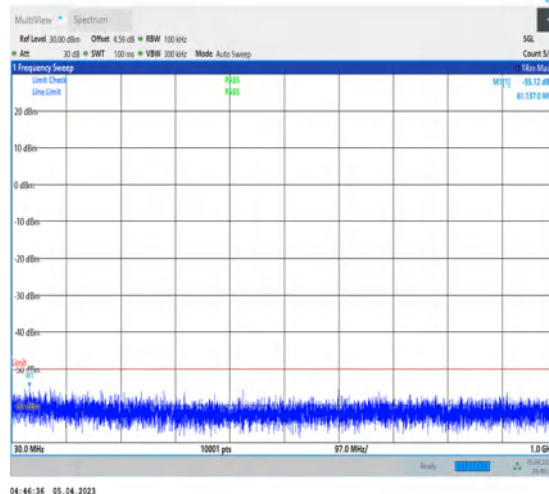
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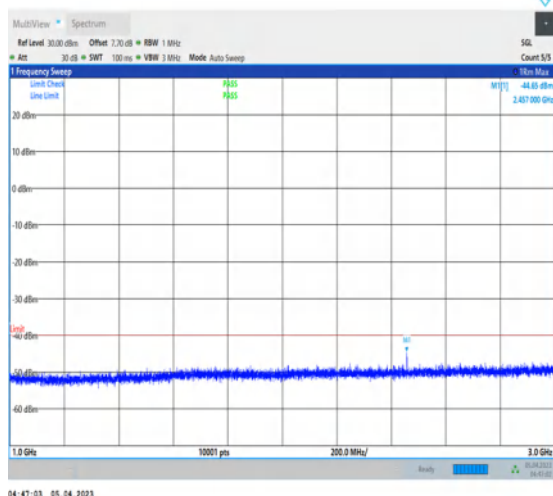
Page: 58 of 122



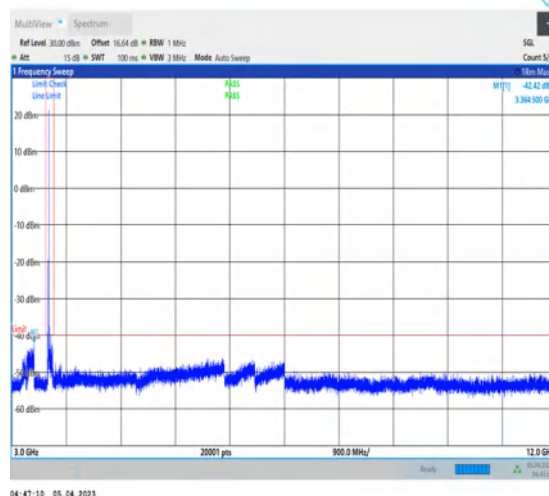
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PASS



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Inner_1RB_Left-1@1-30-1000-Ant0-45.13--55.12--
50-PASS



1-N48-PC3-30-40-M-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-1000-3000-Ant0-2634.20--
44.65--40-PASS



1-N48-PC3-30-40-M-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-3000-12000-Ant0-3322.20--
42.42--40-PASS



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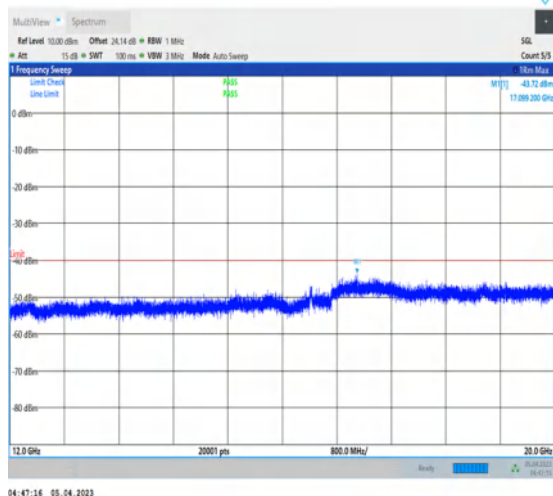
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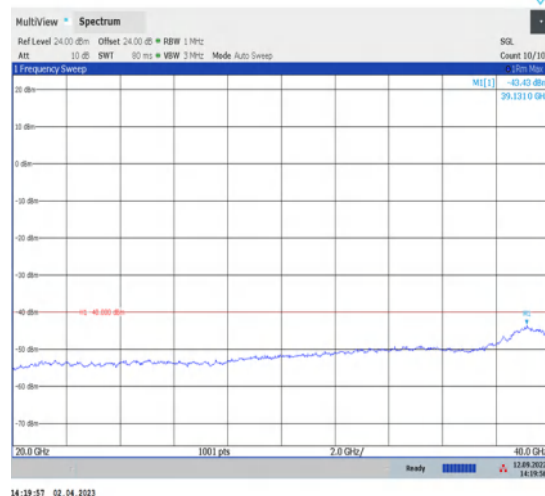
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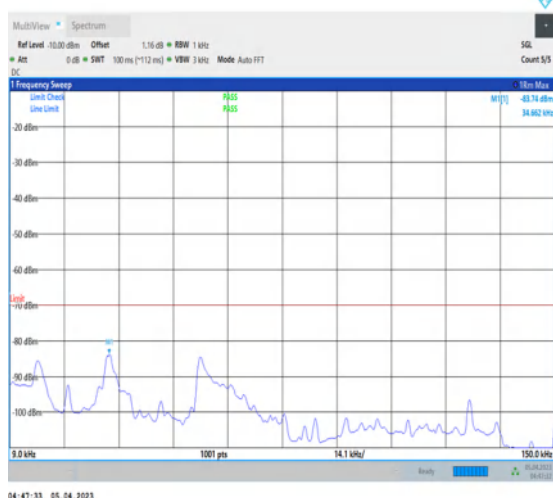
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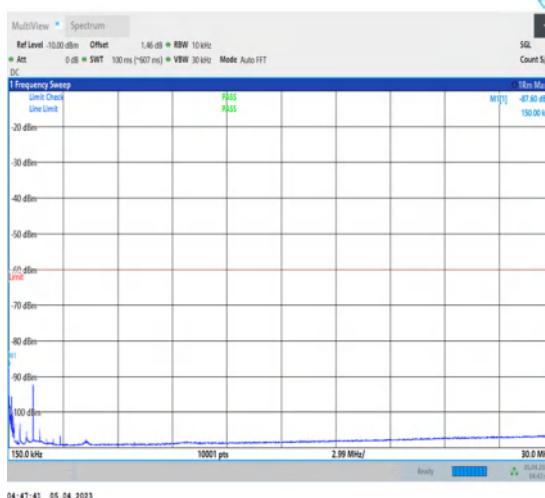
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Inner_1RB_Left-1@1-20000-40000-Ant0-61.62--
54.53--50-PASS



1-N48-PC3-30-40-H-1-DFT-PI2BPSK-
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70-PASS



1-N48-PC3-30-40-H-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-0.15-30-Ant0-0.15--87.60--60-
PASS



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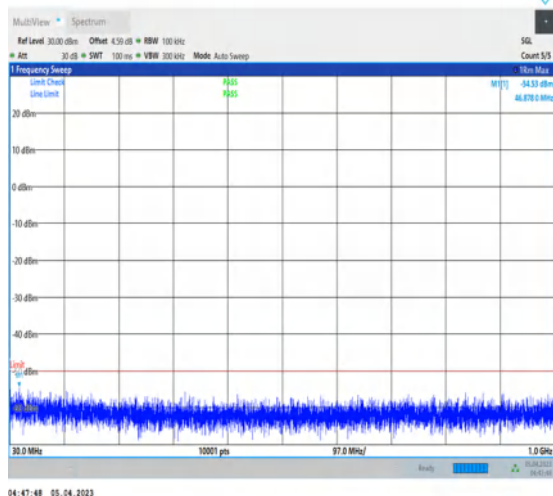
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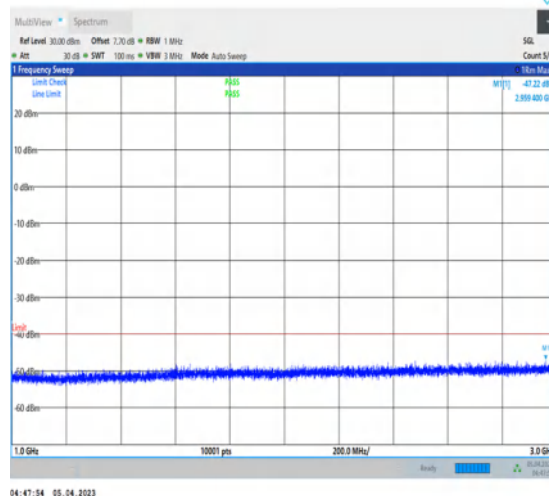
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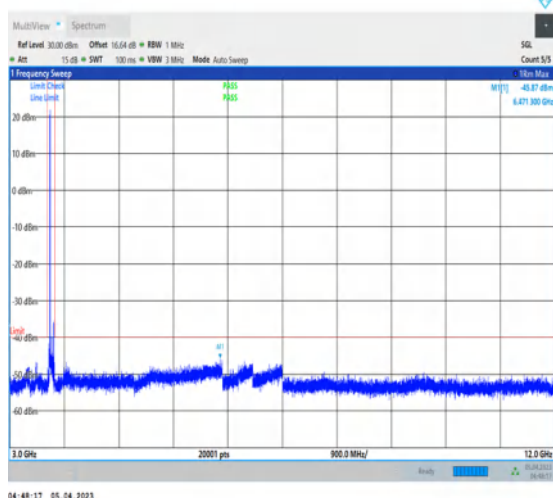
Page: 60 of 122



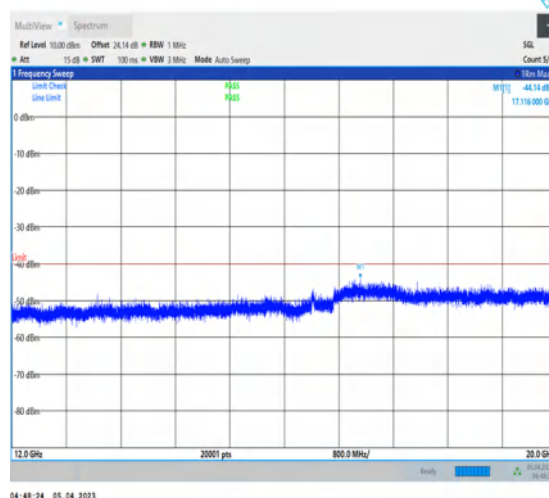
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50-PASS



1-N48-PC3-30-40-H-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-1000-3000-Ant0-2996.80--
47.22--40-PASS



1-N48-PC3-30-40-H-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-3000-12000-Ant0-3368.55--
45.87--40-PASS



1-N48-PC3-30-40-H-1-DFT-PI2BPSK-
Inner_1RB_Left-1@1-12000-20000-Ant0-17080.40--
44.14--40-PASS



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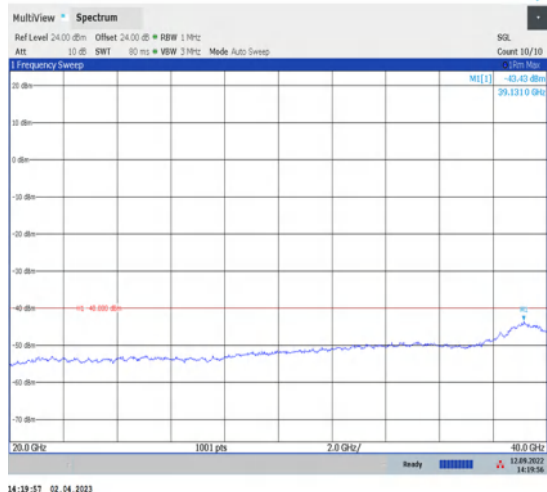
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1-N48-PC3-30-40-H-1-DFT-PI2BPSK-
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44.14--40-PASS



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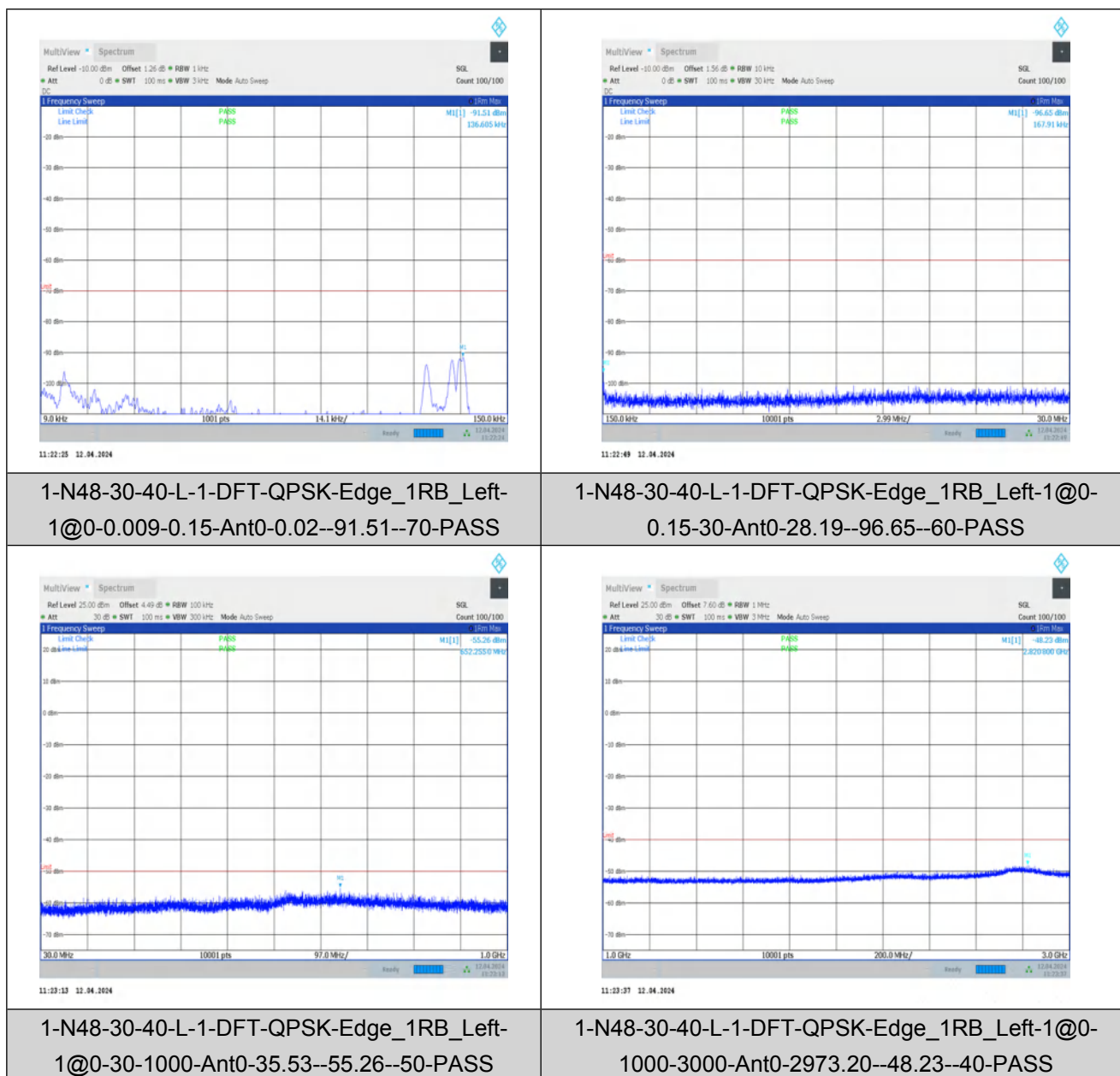
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Conducted Spurious Emission for MIMO

Test Graphs



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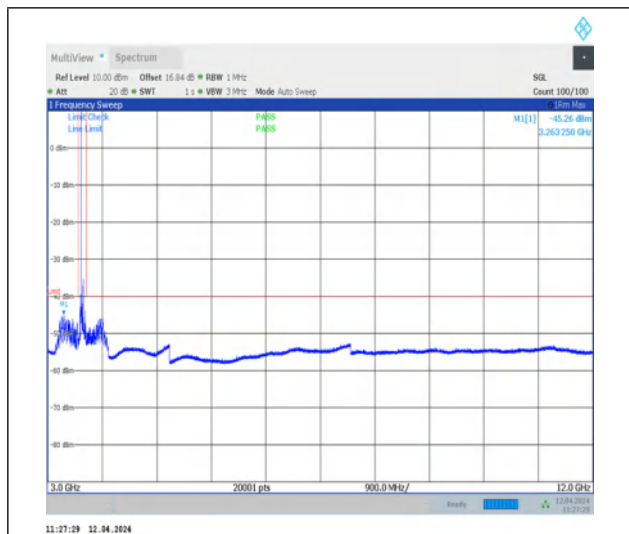
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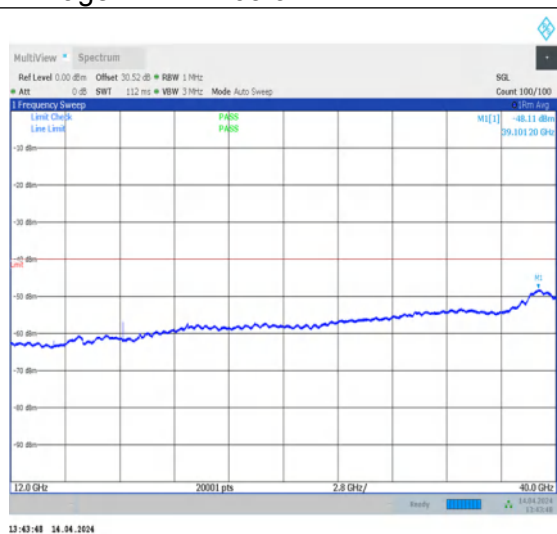
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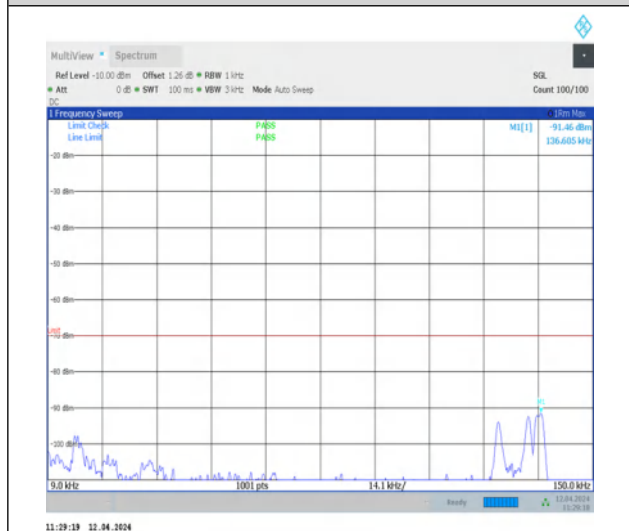
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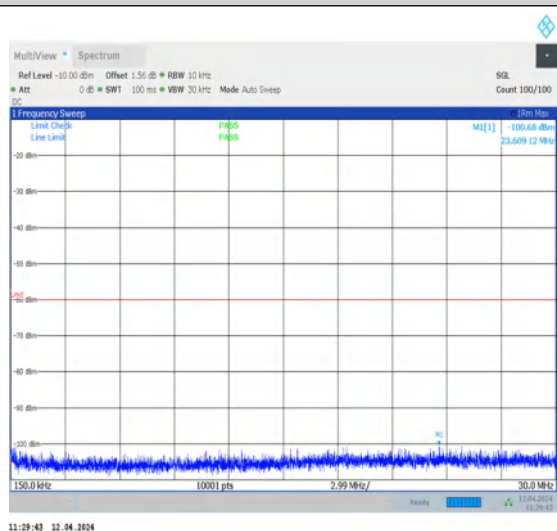
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1-N48-30-40-M-1-DFT-QPSK-Edge_1RB_Left-1@0-0.15-30-Ant0-29.85--100.68--60-PASS



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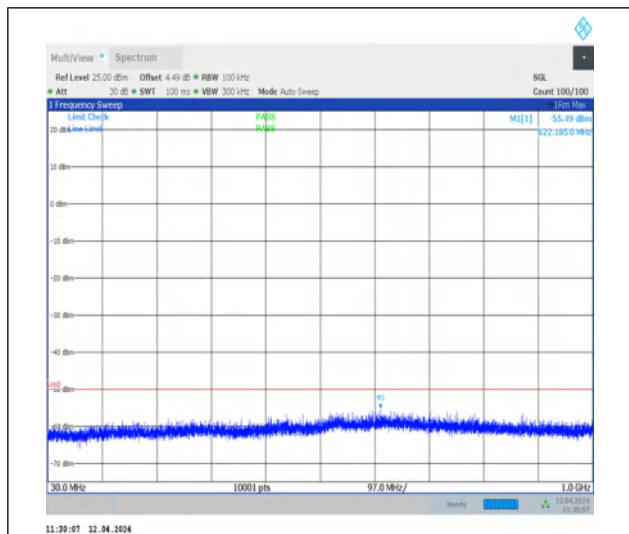
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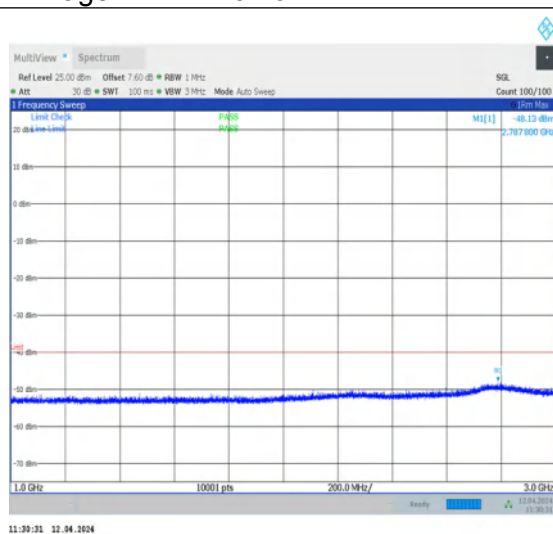
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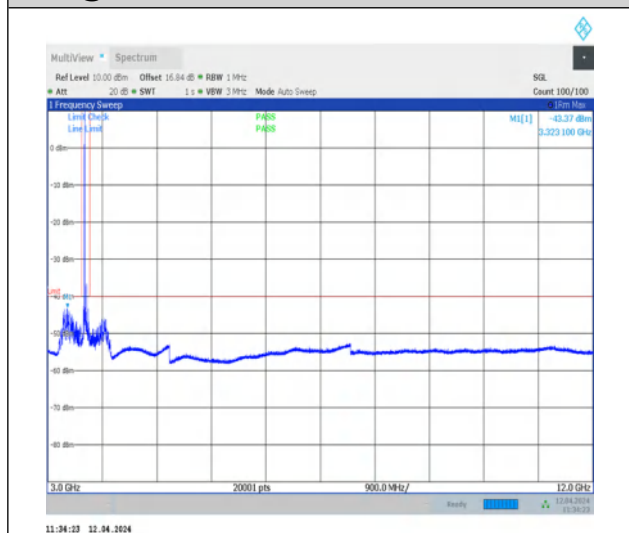
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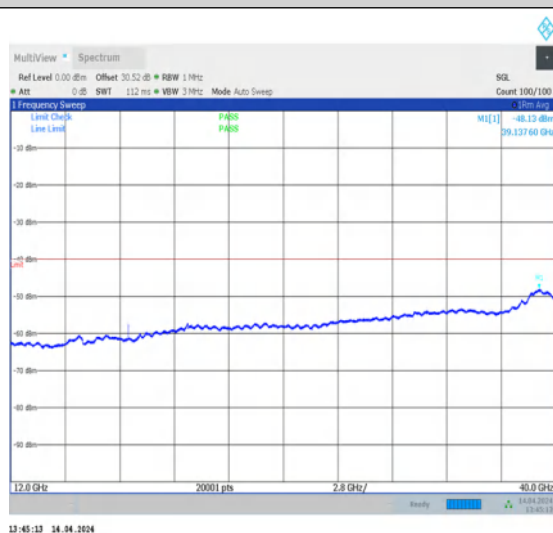
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1-N48-30-40-M-1-DFT-QPSK-Edge_1RB_Left-1@0-3000-12000-Ant0-3317.25--43.37--40-PASS



1-N48-PC3-30-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-40000-Ant0-12000.00--48.12--40-PASS



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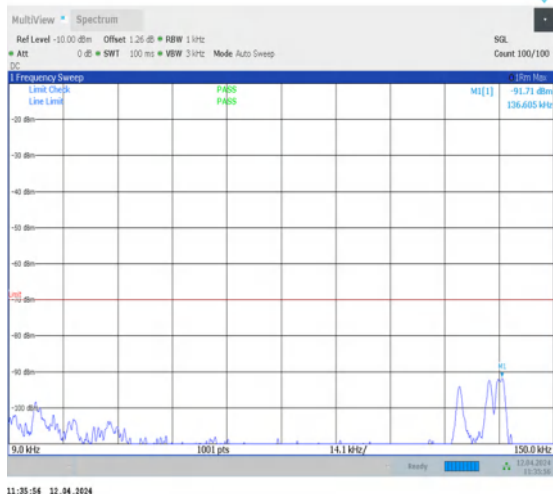
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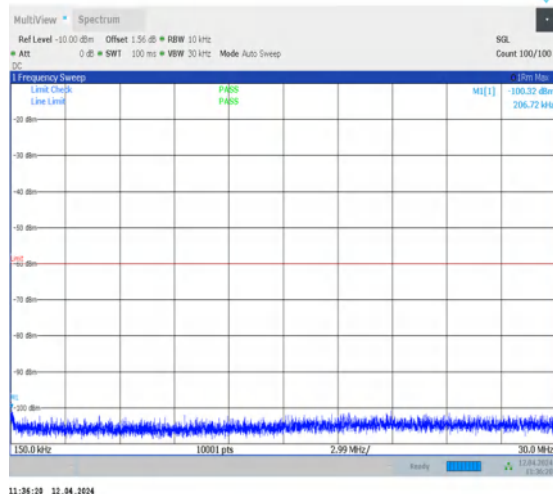
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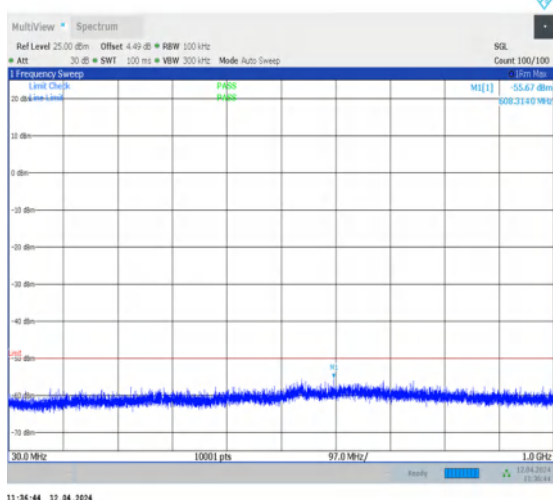
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Rev.: 01
Page: 65 of 122



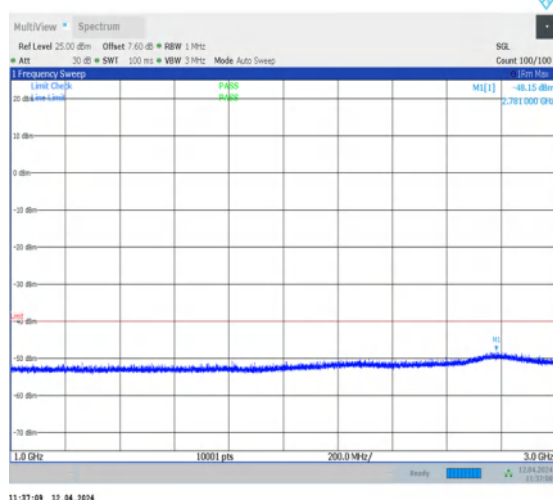
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1-N48-30-40-H-1-DFT-QPSK-Edge_1RB_Left-1@0-30-1000-Ant0-35.72--55.67--50-PASS



1-N48-30-40-H-1-DFT-QPSK-Edge_1RB_Left-1@0-1000-3000-Ant0-2630.80--48.15--40-PASS



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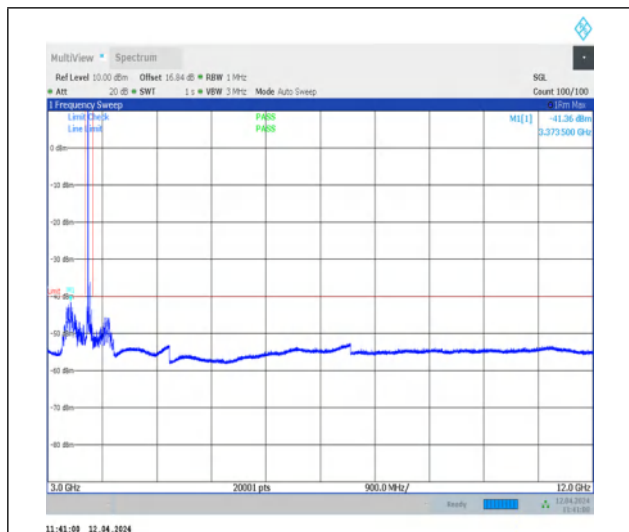
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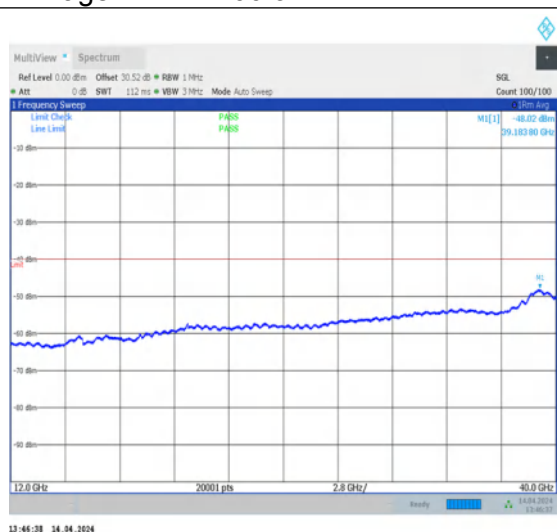
Report No.: SEWM2311000473RG06

Rev.: 01

Page: 66 of 122



1-N48-30-40-H-1-DFT-QPSK-Edge_1RB_Left-
1@0-3000-12000-Ant0-3373.95--41.36--40-PASS



1-N48-PC3-30-40-H-1-DFT-PI2BPSK-Inner_1RB_Left-
1@1-12000-40000-Ant0-12000.00--48.00--40-PASS



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 67 of 122

Field Strength of Spurious Radiation

Test Band = SA Band48 _40MHz_3550-3700_ TM1

Test Channel = Low 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	7343.525	44.26	-43.09	36.52	-57.57	-40.00	17.57	254	238	Horizontal
2	9011.025	38.55	-40.82	38.21	-59.32	-40.00	19.32	136	16	Horizontal
3	9642.375	37.22	-39.32	38.39	-58.97	-40.00	18.97	259	16	Horizontal
4	10886.675	34.75	-37.90	39.15	-59.25	-40.00	19.25	281	242	Horizontal
5	12796.825	32.89	-36.63	39.62	-59.37	-40.00	19.37	147	270	Horizontal
6	14433.85	32.00	-34.79	40.06	-58.00	-40.00	18.00	156	148	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6999.675	41.14	-42.99	36.08	-61.03	-40.00	21.03	244	4	Vertical
2	8817.825	39.00	-41.10	38.09	-59.27	-40.00	19.27	145	194	Vertical
3	9600.4	37.00	-39.20	38.44	-59.02	-40.00	19.02	153	73	Vertical
4	12074.625	33.53	-37.19	39.03	-59.89	-40.00	19.89	174	316	Vertical
5	13125.725	32.71	-36.60	39.89	-59.26	-40.00	19.26	281	4	Vertical
6	14560.925	32.47	-34.91	39.97	-57.74	-40.00	17.74	126	344	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 68 of 122

Test Band = SA Band48 _40MHz_3550-3700_ TM1
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	7028.425	41.54	-43.18	36.15	-60.75	-40.00	20.75	144	329	Horizontal
2	7656.325	44.16	-42.86	36.50	-57.46	-40.00	17.46	169	224	Horizontal
3	9009.3	38.80	-40.83	38.21	-59.08	-40.00	19.08	195	251	Horizontal
4	11233.4	34.56	-36.81	39.11	-58.40	-40.00	18.40	172	13	Horizontal
5	13435.075	32.73	-36.27	40.15	-58.65	-40.00	18.65	154	151	Horizontal
6	15146.85	32.61	-34.14	39.02	-57.77	-40.00	17.77	130	360	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7445.875	40.98	-42.96	36.47	-60.78	-40.00	20.78	255	360	Vertical
2	8946.625	38.81	-40.89	38.17	-59.17	-40.00	19.17	146	14	Vertical
3	9643.525	37.45	-39.32	38.39	-58.74	-40.00	18.74	235	240	Vertical
4	11525.5	32.89	-36.63	38.97	-60.03	-40.00	20.03	188	224	Vertical
5	13101	32.81	-36.61	39.88	-59.18	-40.00	19.18	149	301	Vertical
6	15147.425	32.40	-34.14	39.02	-57.98	-40.00	17.98	176	224	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 69 of 122

Test Band = SA Band48 _40MHz_3550-3700_ TM1

Test Channel = High 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	7230.25	41.12	-43.53	36.58	-61.08	-40.00	21.08	174	330	Horizontal
2	8653.375	39.60	-41.13	37.84	-58.95	-40.00	18.95	142	360	Horizontal
3	9609.025	37.35	-39.23	38.43	-58.71	-40.00	18.71	198	270	Horizontal
4	11586.45	33.78	-36.92	38.90	-59.49	-40.00	19.49	125	3	Horizontal
5	13167.125	32.62	-36.58	39.91	-59.32	-40.00	19.32	168	360	Horizontal
6	15406.75	31.80	-34.13	38.70	-58.89	-40.00	18.89	244	357	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7343.525	47.47	-43.09	36.52	-54.36	-40.00	14.36	215	192	Vertical
2	8651.65	39.27	-41.12	37.84	-59.28	-40.00	19.28	148	359	Vertical
3	9866.625	36.69	-39.15	38.31	-59.41	-40.00	19.41	169	74	Vertical
4	12229.875	34.04	-36.97	39.12	-59.07	-40.00	19.07	251	121	Vertical
5	13603.55	33.35	-36.04	40.15	-57.80	-40.00	17.80	135	283	Vertical
6	15802.35	31.01	-33.09	38.20	-59.14	-40.00	19.14	188	283	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 70 of 122

Test Band = SA Band48_40MHz_ ULMIMO 3550-3700_ TM1

Test Channel = Low 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	6815.675	41.66	-43.63	35.86	-61.37	-40.00	21.37	241	352	Horizontal
2	8019.725	40.41	-41.97	37.02	-59.81	-40.00	19.81	186	314	Horizontal
3	8653.95	39.13	-41.13	37.84	-59.42	-40.00	19.42	263	179	Horizontal
4	10249	36.17	-39.13	38.82	-59.40	-40.00	19.40	256	300	Horizontal
5	11696.27	32.46	-36.12	38.82	-60.10	-40.00	20.10	214	194	Horizontal
6	13751.9	33.17	-36.12	40.01	-58.21	-40.00	18.21	195	14	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7343.525	42.76	-43.09	36.52	-59.07	-40.00	19.07	287	179	Vertical
2	8407.275	39.96	-41.40	37.35	-59.36	-40.00	19.36	145	151	Vertical
3	9272.075	37.72	-40.04	38.39	-59.18	-40.00	19.18	126	105	Vertical
4	9839.025	36.58	-39.11	38.27	-59.52	-40.00	19.52	281	120	Vertical
5	11441.55	34.26	-37.09	39.06	-59.03	-40.00	19.03	145	256	Vertical
6	14831.175	32.69	-35.04	39.59	-58.02	-40.00	18.02	136	256	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 71 of 122

Test Band = SA Band48 _40MHz_ULMIMO 3550-3700_ TM1
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	7788	40.99	-42.62	36.76	-60.14	-40.00	20.14	244	104	Horizontal
2	9597.525	36.78	-39.22	38.44	-59.26	-40.00	19.26	156	164	Horizontal
3	10027.625	36.49	-39.19	38.53	-59.43	-40.00	19.43	291	59	Horizontal
4	11456.5	34.16	-36.95	39.05	-59.00	-40.00	19.00	185	357	Horizontal
5	12850.875	33.27	-36.75	39.68	-59.06	-40.00	19.06	174	360	Horizontal
6	14471.8	32.09	-34.47	40.03	-57.61	-40.00	17.61	136	352	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7397	41.01	-42.81	36.49	-60.56	-40.00	20.56	211	341	Vertical
2	9136.375	38.13	-40.24	38.30	-59.08	-40.00	19.08	122	42	Vertical
3	9618.8	36.80	-39.25	38.42	-59.29	-40.00	19.29	256	28	Vertical
4	10704.975	34.84	-37.54	39.14	-58.81	-40.00	18.81	142	221	Vertical
5	11920.525	32.80	-37.32	38.88	-60.89	-40.00	20.89	136	133	Vertical
6	14384.4	32.43	-35.20	40.09	-57.94	-40.00	17.94	251	73	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 72 of 122

Test Band = SA Band48 _40MHz_ULMIMO 3550-3700_ TM1

Test Channel = High 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	7279.125	41.18	-43.39	36.56	-60.91	-40.00	20.91	125	360	Horizontal
2	8244.55	39.82	-42.03	37.14	-60.33	-40.00	20.33	148	179	Horizontal
3	8672.35	39.44	-41.22	37.87	-59.17	-40.00	19.17	132	352	Horizontal
4	9845.925	36.46	-39.12	38.28	-59.64	-40.00	19.64	166	30	Horizontal
5	10696.35	35.04	-37.51	39.14	-58.59	-40.00	18.59	198	360	Horizontal
6	13604.7	32.55	-36.04	40.15	-58.60	-40.00	18.60	174	239	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7337.2	40.94	-43.13	36.52	-60.92	-40.00	20.92	247	74	Vertical
2	8281.35	40.14	-41.92	37.18	-59.86	-40.00	19.86	184	360	Vertical
3	8694.2	39.33	-41.31	37.91	-59.34	-40.00	19.34	186	359	Vertical
4	9596.95	37.00	-39.22	38.44	-59.04	-40.00	19.04	259	286	Vertical
5	10711.87	34.44	-37.61	39.15	-59.28	-40.00	19.28	191	357	Vertical
6	13684.05	32.66	-36.00	40.07	-58.53	-40.00	18.53	142	352	Vertical



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Report No.: SEWM2311000473RG06

Rev.: 01

Page: 73 of 122

Test Band = NSA 2A_n48A_ TM1
Test Channel = Low
Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.1800	40.07	-43.30	36.11	-62.38	-40.00	22.38	138	176	Horizontal
2	7742.9583	41.26	-42.69	36.67	-60.02	-40.00	20.02	217	360	Horizontal
3	8816.7708	39.38	-40.96	38.09	-58.75	-40.00	18.75	299	257	Horizontal
4	10515.2700	34.50	-38.60	38.98	-60.38	-40.00	20.38	187	63	Horizontal
5	14020.3600	30.23	-35.93	40.15	-60.81	-40.00	20.81	145	176	Horizontal
6	17525.4500	33.03	-34.53	39.28	-57.48	-40.00	17.48	205	360	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7010.1800	40.33	-43.30	36.11	-62.12	-40.00	22.12	244	337	Vertical
2	7656.2292	46.18	-42.95	36.50	-55.53	-40.00	15.53	174	48	Vertical
3	9395.6042	38.07	-39.57	38.49	-58.28	-40.00	18.28	218	48	Vertical
4	10515.2700	33.90	-38.60	38.98	-60.98	-40.00	20.98	195	360	Vertical
5	14020.3600	30.16	-35.93	40.15	-60.88	-40.00	20.88	206	359	Vertical
6	17525.4500	31.68	-34.53	39.28	-58.83	-40.00	18.83	235	146	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 74 of 122

Test Band = NSA 2A_n48A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7866.1042	40.76	-42.65	36.86	-60.30	-40.00	20.30	213	192	Horizontal
2	9369.7292	37.94	-39.71	38.47	-58.56	-40.00	18.56	237	56	Horizontal
3	11536.0417	34.49	-37.02	38.96	-58.83	-40.00	18.83	298	14	Horizontal
4	13644.8542	34.41	-35.87	40.11	-56.61	-40.00	16.61	167	273	Horizontal
5	15818.3542	32.52	-32.98	38.17	-57.55	-40.00	17.55	216	40	Horizontal
6	17749.3958	34.25	-34.03	40.49	-54.54	-40.00	14.54	132	3	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7656.2292	44.74	-42.95	36.50	-56.97	-40.00	16.97	215	48	Vertical
2	8420.0208	40.62	-41.55	37.37	-58.82	-40.00	18.82	189	289	Vertical
3	9264.3125	38.69	-40.16	38.39	-58.34	-40.00	18.34	216	210	Vertical
4	11489.0833	35.01	-37.08	39.01	-58.32	-40.00	18.32	203	160	Vertical
5	14218.8958	34.48	-35.26	40.22	-55.82	-40.00	15.82	244	16	Vertical
6	16505	34.06	-33.42	37.94	-56.69	-40.00	16.69	277	307	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 75 of 122

Test Band = NSA 2A_n48A_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7423.3542	41.76	-43.20	36.48	-60.22	-40.00	20.22	171	306	Horizontal
2	8406.125	40.13	-41.55	37.34	-59.34	-40.00	19.34	248	160	Horizontal
3	9841.7083	36.82	-39.26	38.28	-59.43	-40.00	19.43	193	32	Horizontal
4	12239.9375	34.73	-37.09	39.12	-58.51	-40.00	18.51	244	194	Horizontal
5	14329.1042	33.43	-35.44	40.13	-57.14	-40.00	17.14	268	322	Horizontal
6	17104.4375	34.09	-34.41	38.56	-57.02	-40.00	17.02	172	33	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7343.8125	43.95	-43.43	36.52	-58.22	-40.00	18.22	129	176	Vertical
2	8989.75	39.07	-40.76	38.19	-58.76	-40.00	18.76	268	360	Vertical
3	10720.5	35.24	-38.23	39.16	-59.09	-40.00	19.09	247	360	Vertical
4	14218.8958	33.67	-35.26	40.22	-56.63	-40.00	16.63	159	16	Vertical
5	15855.7292	32.48	-33.09	38.11	-57.77	-40.00	17.77	267	360	Vertical
6	17786.2917	34.67	-34.44	40.73	-54.30	-40.00	14.30	308	4	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 76 of 122

Test Band = NSA 5A_n48A_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7233.125	39.58	-43.38	36.58	-62.47	-40.00	22.47	210	270	Horizontal
2	8403.25	38.73	-41.55	37.34	-60.74	-40.00	20.74	169	185	Horizontal
3	9406.1458	34.09	-39.59	38.49	-62.27	-40.00	22.27	278	32	Horizontal
4	11362.5833	27.91	-37.21	39.11	-65.45	-40.00	25.45	146	239	Horizontal
5	13881.5625	25.53	-35.41	40.03	-65.11	-40.00	25.11	238	335	Horizontal
6	16461.3958	27.16	-33.61	37.85	-63.87	-40.00	23.87	175	318	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7656.2292	41.11	-42.95	36.50	-60.60	-40.00	20.60	278	47	Vertical
2	8460.75	37.50	-41.55	37.46	-61.85	-40.00	21.85	146	194	Vertical
3	9525.9375	34.36	-39.87	38.46	-62.32	-40.00	22.32	299	194	Vertical
4	11194.875	27.88	-37.57	39.11	-65.85	-40.00	25.85	186	177	Vertical
5	13830.7708	25.87	-35.89	39.99	-65.29	-40.00	25.29	341	307	Vertical
6	17789.6458	27.97	-34.48	40.75	-61.01	-40.00	21.01	225	225	Vertical



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Report No.: SEWM2311000473RG06
Rev.: 01
Page: 77 of 122

Test Band = NSA 5A_n48A_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7577.6458	39.71	-42.93	36.40	-62.08	-40.00	22.08	219	191	Horizontal
2	9569.0625	33.78	-39.38	38.45	-62.41	-40.00	22.41	286	191	Horizontal
3	11371.6875	27.59	-37.15	39.11	-65.71	-40.00	25.71	274	209	Horizontal
4	13893.5417	24.81	-35.30	40.04	-65.71	-40.00	25.71	156	31	Horizontal
5	16633.8958	26.85	-34.62	38.17	-64.86	-40.00	24.86	236	177	Horizontal
6	17741.25	27.77	-33.94	40.44	-60.99	-40.00	20.99	164	65	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7343.8125	41.05	-43.43	36.52	-61.12	-40.00	21.12	239	129	Vertical
2	8436.3125	37.35	-41.55	37.41	-62.05	-40.00	22.05	176	210	Vertical
3	9512.5208	34.63	-40.03	38.46	-62.20	-40.00	22.20	248	129	Vertical
4	10100.4583	30.92	-39.06	38.65	-64.75	-40.00	24.75	168	257	Vertical
5	13719.6042	25.83	-36.15	40.04	-65.54	-40.00	25.54	290	160	Vertical
6	17956.3958	27.68	-34.44	41.94	-60.08	-40.00	20.08	147	350	Vertical



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 Rev.: 01
 Page: 78 of 122

Test Band = NSA 5A_n48A_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8418.5833	37.66	-41.55	37.37	-61.78	-40.00	21.78	159	247	Horizontal
2	9466.5208	34.15	-39.96	38.47	-62.60	-40.00	22.60	287	3	Horizontal
3	11389.8958	27.16	-37.02	39.11	-66.01	-40.00	26.01	167	264	Horizontal
4	13838.4375	25.53	-35.82	39.99	-65.55	-40.00	25.55	254	50	Horizontal
5	16453.25	27.34	-33.66	37.83	-63.75	-40.00	23.75	153	264	Horizontal
6	17738.8542	27.09	-33.91	40.43	-61.66	-40.00	21.66	241	358	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7343.8125	40.94	-43.43	36.52	-61.23	-40.00	21.23	247	177	Vertical
2	7656.2292	42.26	-42.95	36.50	-59.45	-40.00	19.45	184	49	Vertical
3	9567.1458	34.14	-39.40	38.45	-62.08	-40.00	22.08	219	63	Vertical
4	11398.0417	27.11	-36.96	39.11	-66.00	-40.00	26.00	263	356	Vertical
5	13839.3958	25.55	-35.81	40.00	-65.52	-40.00	25.52	144	63	Vertical
6	16488.7083	26.96	-33.43	37.90	-63.83	-40.00	23.83	206	191	Vertical



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Report No.: SEWM2311000473RG06

Rev.: 01

Page: 79 of 122

Test Band = NR CA 2A_n48A_TM1

Test Channel = Low

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	40.75	-45.51	29.98	-70.04	-40.00	30.04	177	356	Horizontal
2	5553.2700	40.84	-45.15	32.97	-66.60	-40.00	26.60	148	165	Horizontal
3	7404.3600	39.18	-43.40	36.49	-62.99	-40.00	22.99	195	269	Horizontal
4	10515.2700	32.47	-38.75	38.98	-62.56	-40.00	22.56	216	208	Horizontal
5	14020.3600	28.28	-35.81	40.15	-62.65	-40.00	22.65	238	238	Horizontal
6	17525.4500	30.93	-34.61	39.28	-59.66	-40.00	19.66	274	58	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.1800	40.90	-45.51	29.98	-69.89	-40.00	29.89	211	152	Vertical
2	5553.2700	40.05	-45.15	32.97	-67.39	-40.00	27.39	187	316	Vertical
3	7404.3600	39.56	-43.40	36.49	-62.61	-40.00	22.61	156	287	Vertical
4	10515.2700	32.41	-38.75	38.98	-62.62	-40.00	22.62	235	1	Vertical
5	14020.3600	28.09	-35.81	40.15	-62.84	-40.00	22.84	196	1	Vertical
6	17525.4500	31.08	-34.61	39.28	-59.51	-40.00	19.51	278	47	Vertical



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Report No.: SEWM2311000473RG06
Rev.: 01
Page: 80 of 122

Test Band = NR CA 2A_n48A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3742.1800	40.51	-45.68	30.12	-70.31	-40.00	30.31	177	238	Horizontal
2	5611.5	45.67	-45.04	33.06	-61.57	-40.00	21.57	248	133	Horizontal
3	7484.3600	38.09	-43.18	36.45	-63.90	-40.00	23.90	199	103	Horizontal
4	10740.2700	32.52	-38.18	39.17	-61.74	-40.00	21.74	162	360	Horizontal
5	14320.3600	31.10	-35.88	40.14	-59.90	-40.00	19.90	302	252	Horizontal
6	17900.4500	32.37	-34.51	41.54	-55.86	-40.00	15.86	181	150	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	45.06	-45.67	30.12	-65.75	-32.46	33.29	148	358	Vertical
2	5611.5	49.09	-45.04	33.06	-58.15	-31.82	26.33	259	360	Vertical
3	7484.3600	38.72	-43.18	36.45	-63.27	-31.37	31.90	263	104	Vertical
4	10740.2700	32.46	-38.18	39.17	-61.80	-30.81	30.99	284	87	Vertical
5	14320.3600	30.70	-35.88	40.14	-60.30	-30.36	29.94	118	59	Vertical
6	17900.4500	32.06	-34.51	41.54	-56.17	-30.01	26.16	251	147	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 81 of 122

Test Band = NR CA 2A_n48A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	29.50	-21.44	30.27	-56.93	-40.00	16.93	178	17	Horizontal
2	5673.2700	29.08	-18.73	33.29	-51.61	-40.00	11.61	219	222	Horizontal
3	7564.3600	39.29	-42.89	36.41	-62.45	-40.00	22.45	256	360	Horizontal
4	10965.2700	32.36	-37.67	39.10	-61.47	-40.00	21.47	235	255	Horizontal
5	14620.3600	29.92	-35.23	39.91	-60.66	-40.00	20.66	142	195	Horizontal
6	17584.275	32.19	-33.76	39.48	-57.35	-40.00	17.35	186	331	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	26.40	-21.44	30.27	-60.03	-40.00	20.03	188	224	Vertical
2	5673.2700	29.01	-18.73	33.29	-51.68	-40.00	11.68	217	11	Vertical
3	7564.3600	39.20	-42.89	36.41	-62.54	-40.00	22.54	189	90	Vertical
4	10965.2700	31.90	-37.67	39.10	-61.93	-40.00	21.93	206	360	Vertical
5	14620.3600	29.79	-35.23	39.91	-60.79	-40.00	20.79	233	195	Vertical
6	17206.5	33.61	-34.81	38.62	-57.84	-40.00	17.84	185	239	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 82 of 122

Test Band = NR CA 5A_n48A_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	26.50	-24.81	25.37	-68.20	-40.00	28.20	284	45	Horizontal
2	2475.2700	25.81	-23.55	27.69	-65.31	-40.00	25.31	155	272	Horizontal
3	3300.3600	25.76	-21.93	29.55	-61.88	-40.00	21.88	296	215	Horizontal
4	7102.1800	38.49	-44.06	36.35	-64.49	-40.00	24.49	205	297	Horizontal
5	10653.2700	32.23	-38.41	39.10	-62.34	-40.00	22.34	126	215	Horizontal
6	14204.3600	29.16	-35.15	40.23	-61.02	-40.00	21.02	246	313	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1650.1800	26.53	-24.81	25.37	-68.17	-40.00	28.17	277	359	Vertical
2	2480.1875	38.05	-23.55	27.70	-53.05	-40.00	13.05	186	358	Vertical
3	3300.3600	25.55	-21.93	29.55	-62.09	-40.00	22.09	295	206	Vertical
4	7102.1800	38.62	-44.06	36.35	-64.36	-40.00	24.36	185	280	Vertical
5	10653.2700	33.16	-38.41	39.10	-61.41	-40.00	21.41	267	0	Vertical
6	14204.3600	29.20	-35.15	40.23	-60.98	-40.00	20.98	191	214	Vertical



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Report No.: SEWM2311000473RG06

Rev.: 01

Page: 83 of 122

Test Band = NR CA 5A_n48A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.1800	26.14	-24.78	25.38	-68.53	-40.00	28.53	228	170	Horizontal
2	2496.2700	25.57	-23.54	27.76	-65.47	-40.00	25.47	247	4	Horizontal
3	3328.3600	25.48	-21.91	29.52	-62.17	-40.00	22.17	156	159	Horizontal
4	7232.1800	39.35	-43.37	36.58	-62.70	-40.00	22.70	286	68	Horizontal
5	10848.2700	32.94	-38.02	39.18	-61.16	-40.00	21.16	131	118	Horizontal
6	14464.3600	29.32	-34.61	40.03	-60.52	-40.00	20.52	201	85	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1664.1800	26.35	-24.78	25.38	-68.32	-40.00	28.32	177	182	Vertical
2	2496.2700	25.44	-23.54	27.76	-65.60	-40.00	25.60	284	360	Vertical
3	3328.3600	25.59	-21.91	29.52	-62.06	-40.00	22.06	195	348	Vertical
4	7232.1800	38.87	-43.37	36.58	-63.18	-40.00	23.18	213	1	Vertical
5	10848.2700	32.84	-38.02	39.18	-61.26	-40.00	21.26	124	183	Vertical
6	14464.3600	29.64	-34.61	40.03	-60.20	-40.00	20.20	207	0	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 84 of 122

Test Band = NR CA 5A_n48A_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.1800	25.90	-24.75	25.38	-68.73	-40.00	28.73	211	4	Horizontal
2	2518.7700	25.44	-23.40	27.83	-65.39	-40.00	25.39	188	357	Horizontal
3	3358.3600	24.50	-21.88	29.48	-63.16	-40.00	23.16	256	360	Horizontal
4	7362.1800	37.36	-43.37	36.51	-64.76	-40.00	24.76	203	135	Horizontal
5	11043.2700	27.21	-37.73	39.08	-66.70	-40.00	26.70	108	232	Horizontal
6	14724.3600	23.37	-34.72	39.77	-66.85	-40.00	26.85	218	1	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1679.1800	26.16	-24.75	25.38	-68.47	-40.00	28.47	124	273	Vertical
2	2518.7700	25.30	-23.40	27.83	-65.53	-40.00	25.53	209	56	Vertical
3	3358.3600	24.67	-21.88	29.48	-62.99	-40.00	22.99	153	34	Vertical
4	7362.1800	36.90	-43.37	36.51	-65.22	-40.00	25.22	248	67	Vertical
5	11043.2700	26.56	-37.73	39.08	-67.35	-40.00	27.35	176	295	Vertical
6	14724.3600	23.59	-34.72	39.77	-66.63	-40.00	26.63	211	134	Vertical



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Report No.: SEWM2311000473RG06

Rev.: 01

Page: 85 of 122

Test Band = NR CA 12A_n48A_TM1

Test Channel = Low

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	57.22	-48.12	25.40	-60.76	-40.00	20.76	254	59	Horizontal
2	3125.1429	50.25	-46.63	29.56	-62.09	-40.00	22.09	163	164	Horizontal
3	4531.4286	43.54	-45.66	31.64	-65.74	-40.00	25.74	251	32	Horizontal
4	4843.4286	44.89	-45.61	32.44	-63.54	-40.00	23.54	188	32	Horizontal
5	5990.8571	40.42	-44.48	34.11	-65.21	-40.00	25.21	195	1	Horizontal
6	7371.4286	37.27	-43.32	36.51	-64.80	-40.00	24.80	175	348	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	60.03	-48.12	25.40	-57.95	-40.00	17.95	215	183	Vertical
2	2274.2857	43.65	-47.55	27.38	-71.78	-40.00	31.78	148	288	Vertical
3	3125.1429	48.05	-46.63	29.56	-64.29	-40.00	24.29	136	349	Vertical
4	4531.4286	46.97	-45.66	31.64	-62.31	-40.00	22.31	259	53	Vertical
5	4843.4286	48.56	-45.61	32.44	-59.87	-40.00	19.87	192	314	Vertical
6	5156	43.00	-45.16	32.97	-64.46	-40.00	24.46	175	183	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 86 of 122

Test Band = NR CA 12A_n48A_ TM1
Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	57.17	-48.12	25.40	-60.81	-40.00	20.81	254	59	Horizontal
2	3125.1429	49.38	-46.63	29.56	-62.96	-40.00	22.96	165	163	Horizontal
3	4531.4286	44.60	-45.66	31.64	-64.68	-40.00	24.68	185	11	Horizontal
4	4843.4286	46.58	-45.61	32.44	-61.85	-40.00	21.85	136	32	Horizontal
5	6340	39.58	-44.66	34.49	-65.85	-40.00	25.85	256	256	Horizontal
6	8402.8571	35.85	-41.68	37.34	-63.75	-40.00	23.75	175	163	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	59.52	-48.12	25.40	-58.46	-40.00	18.46	241	182	Vertical
2	3125.1429	47.69	-46.63	29.56	-64.65	-40.00	24.65	155	349	Vertical
3	4531.4286	45.85	-45.66	31.64	-63.43	-40.00	23.43	136	52	Vertical
4	4844	48.85	-45.61	32.44	-59.58	-40.00	19.58	259	52	Vertical
5	6321.1429	39.70	-44.64	34.45	-65.74	-40.00	25.74	185	3	Vertical
6	7656	39.60	-43.17	36.50	-62.33	-40.00	22.33	175	128	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 87 of 122

Test Band = NR CA 12A_n48A_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	56.88	-48.12	25.40	-61.10	-40.00	21.10	251	335	Horizontal
2	3125.1429	50.42	-46.63	29.56	-61.92	-40.00	21.92	145	164	Horizontal
3	3921.1429	41.66	-46.22	30.61	-69.21	-40.00	29.21	136	72	Horizontal
4	4844	45.08	-45.61	32.44	-63.35	-40.00	23.35	258	20	Horizontal
5	5560	40.69	-45.22	32.98	-66.81	-40.00	26.81	196	32	Horizontal
6	6665.1429	39.57	-44.21	35.57	-64.33	-40.00	24.33	154	216	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1644	44.67	-48.23	25.37	-73.45	-40.00	33.45	215	25	Vertical
2	2002.2857	43.84	-47.90	26.65	-72.67	-40.00	32.67	142	3	Vertical
3	2731.4286	43.82	-47.01	28.35	-70.10	-40.00	30.10	136	348	Vertical
4	3537.1429	43.01	-46.47	29.55	-69.16	-40.00	29.16	256	262	Vertical
5	4931.4286	42.27	-45.65	32.69	-65.95	-40.00	25.95	199	348	Vertical
6	5742.8571	40.83	-44.61	33.54	-65.50	-40.00	25.50	184	326	Vertical



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Report No.: SEWM2311000473RG06

Rev.: 01

Page: 88 of 122

Test Band = NR CA 25A_n48A_TM1

Test Channel = Low

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3704.1800	24.05	-21.64	29.99	-62.86	-40.00	22.86	218	122	Horizontal
2	5556.2700	23.20	-18.92	32.97	-58.01	-40.00	18.01	295	357	Horizontal
3	7408.3600	39.33	-43.25	36.49	-62.69	-40.00	22.69	166	3	Horizontal
4	9260.4500	34.90	-40.17	38.39	-62.15	-40.00	22.15	214	290	Horizontal
5	11112.5400	30.62	-37.65	39.09	-63.20	-40.00	23.20	172	48	Horizontal
6	12964.6300	29.59	-37.08	39.79	-62.96	-40.00	22.96	152	360	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3704.1800	23.61	-21.64	29.99	-63.30	-40.00	23.30	227	202	Vertical
2	5556.2700	22.79	-18.92	32.97	-58.42	-40.00	18.42	184	67	Vertical
3	7408.3600	39.48	-43.25	36.49	-62.54	-40.00	22.54	199	64	Vertical
4	9260.4500	34.64	-40.17	38.39	-62.41	-40.00	22.41	256	275	Vertical
5	11112.5400	29.71	-37.65	39.09	-64.11	-40.00	24.11	152	160	Vertical
6	12964.6300	29.49	-37.08	39.79	-63.06	-40.00	23.06	133	258	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 89 of 122

Test Band = NR CA 25A_n48A_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3729.1800	23.98	-21.58	30.08	-62.78	-40.00	22.78	224	0	Horizontal
2	5593.7700	21.54	-18.75	33.01	-59.45	-40.00	17.83	189	281	Horizontal
3	7458.3600	39.54	-43.10	36.46	-62.36	-40.00	22.36	263	93	Horizontal
4	9322.9500	35.95	-39.96	38.43	-60.83	-40.00	20.83	241	360	Horizontal
5	11187.5400	32.70	-37.58	39.11	-61.03	-40.00	21.03	177	126	Horizontal
6	13052.1300	31.09	-36.84	39.85	-61.16	-40.00	21.16	289	335	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3729.1800	23.66	-21.58	30.08	-63.10	-40.00	23.10	259	214	Vertical
2	5593.7700	22.98	-18.75	33.01	-58.01	-40.00	18.01	266	1	Vertical
3	7458.3600	39.25	-43.10	36.46	-62.65	-40.00	22.65	142	3	Vertical
4	9322.9500	36.93	-39.96	38.43	-59.85	-40.00	19.85	153	208	Vertical
5	11187.5400	32.80	-37.58	39.11	-60.93	-40.00	20.93	278	356	Vertical
6	13052.1300	31.33	-36.84	39.85	-60.92	-40.00	20.92	156	161	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 90 of 122

Test Band = NR CA 25A_n48A_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3754.1800	32.84	-21.51	30.17	-53.77	-40.00	13.77	217	328	Horizontal
2	5631.2700	23.60	-18.72	33.14	-57.25	-40.00	0.42	178	340	Horizontal
3	7508.3600	39.48	-42.97	36.44	-62.32	-40.00	22.32	166	356	Horizontal
4	9385.4500	35.84	-39.63	38.48	-60.57	-40.00	20.57	163	360	Horizontal
5	11262.5400	33.06	-37.61	39.11	-60.70	-40.00	20.70	248	97	Horizontal
6	13052.1300	32.21	-36.84	39.85	-60.04	-40.00	20.04	155	32	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3754.1800	23.20	-21.51	30.17	-63.41	-40.00	23.41	177	68	Vertical
2	5631.2700	23.84	-18.72	33.14	-57.01	-40.00	17.01	158	80	Vertical
3	7508.3600	39.28	-42.97	36.44	-62.52	-40.00	22.52	289	144	Vertical
4	9385.4500	36.26	-39.63	38.48	-60.15	-40.00	20.15	265	360	Vertical
5	11262.5400	33.31	-37.61	39.11	-60.45	-40.00	20.45	274	96	Vertical
6	13139.6300	31.69	-36.81	39.89	-60.49	-40.00	20.49	155	360	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 91 of 122

Test Band = NR CA 41A_n48A_ TM1
Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5238.6667	28.63	-18.93	32.95	-52.60	-40.00	9.68	201	357	Horizontal
2	8401.525	38.60	-41.38	37.33	-60.70	-40.00	20.70	259	89	Horizontal
3	9553.25	35.22	-39.56	38.45	-61.14	-40.00	21.14	182	191	Horizontal
4	11281.7	29.51	-37.11	39.11	-63.75	-40.00	23.75	165	252	Horizontal
5	13748.45	27.59	-36.12	40.01	-63.78	-40.00	23.78	135	13	Horizontal
6	17196.725	29.12	-34.75	38.61	-62.28	-40.00	22.28	218	177	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7656.325	42.41	-42.86	36.50	-59.21	-40.00	19.21	177	161	Vertical
2	8410.725	38.61	-41.42	37.35	-60.71	-40.00	20.71	241	3	Vertical
3	9594.65	35.22	-39.24	38.44	-60.84	-40.00	20.84	156	192	Vertical
4	10668.75	30.22	-37.65	39.12	-63.58	-40.00	23.58	255	360	Vertical
5	13922.675	26.93	-35.39	40.07	-63.65	-40.00	23.65	296	296	Vertical
6	17743.55	28.71	-33.64	40.46	-59.73	-40.00	19.73	188	359	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 92 of 122

Test Band = NR CA 41A_n48A_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5759.3333	31.20	-18.91	33.60	-49.37	-40.00	9.37	248	341	Horizontal
2	7843.775	39.34	-42.65	36.83	-61.74	-40.00	21.74	188	292	Horizontal
3	9600.975	35.17	-39.20	38.44	-60.85	-40.00	20.85	174	121	Horizontal
4	10677.95	30.79	-37.60	39.12	-62.95	-40.00	22.95	156	323	Horizontal
5	12230.45	28.54	-36.97	39.12	-64.57	-40.00	24.57	266	360	Horizontal
6	16496.375	28.97	-34.30	37.92	-62.67	-40.00	22.67	292	271	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5898.6667	34.61	-18.74	33.94	-45.46	-40.00	5.46	259	210	Vertical
2	7656.325	41.61	-42.86	36.50	-60.01	-40.00	20.01	168	164	Vertical
3	9463.55	35.88	-39.95	38.47	-60.85	-40.00	20.85	249	267	Vertical
4	11224.2	29.61	-36.75	39.11	-63.29	-40.00	23.29	135	328	Vertical
5	13911.175	27.26	-35.48	40.06	-63.42	-40.00	23.42	271	29	Vertical
6	16438.875	29.13	-34.63	37.80	-62.96	-40.00	22.96	118	118	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 93 of 122

Test Band = NR CA 41A_n48A_ TM1
Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5940.8333	30.91	-18.83	34.02	-49.16	-40.00	9.16	148	166	Horizontal
2	7467.725	40.04	-43.05	36.46	-61.81	-40.00	21.81	198	60	Horizontal
3	9474.475	35.86	-39.95	38.47	-60.88	-40.00	20.88	156	88	Horizontal
4	11223.05	29.17	-36.75	39.11	-63.73	-40.00	23.73	253	60	Horizontal
5	12796.25	28.60	-36.63	39.62	-63.66	-40.00	23.66	241	46	Horizontal
6	15818.45	26.18	-33.26	38.17	-64.17	-40.00	24.17	126	74	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6296.5	28.67	-18.13	34.40	-50.32	-40.00	10.32	219	163	Vertical
2	7656.325	42.58	-42.86	36.50	-59.04	-40.00	19.04	130	130	Vertical
3	9591.775	35.47	-39.26	38.44	-60.61	-40.00	20.61	178	130	Vertical
4	10099.5	32.48	-38.70	38.65	-62.83	-40.00	22.83	214	29	Vertical
5	12229.875	28.54	-36.97	39.12	-64.57	-40.00	24.57	257	3	Vertical
6	13906.575	27.22	-35.52	40.06	-63.50	-40.00	23.50	182	14	Vertical



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Report No.: SEWM2311000473RG06

Rev.: 01

Page: 94 of 122

Test Band = NR CA 48A_n66A_TM1

Test Channel = Low

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7171.025	38.56	-43.62	36.52	-63.80	-40.00	23.80	211	151	Horizontal
2	8405.55	36.62	-41.39	37.34	-62.69	-40.00	22.69	136	108	Horizontal
3	10098.35	27.89	-38.71	38.65	-67.43	-40.00	27.43	258	196	Horizontal
4	11211.55	24.76	-36.67	39.11	-68.06	-40.00	28.06	195	257	Horizontal
5	13387.925	23.02	-36.18	40.14	-68.29	-40.00	28.29	174	108	Horizontal
6	15307.275	23.36	-33.93	38.82	-67.01	-40.00	27.01	122	1	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7343.525	38.60	-43.09	36.52	-63.23	-40.00	23.23	288	169	Vertical
2	8417.625	36.48	-41.45	37.37	-62.86	-40.00	22.86	146	273	Vertical
3	10056.95	28.48	-38.99	38.58	-67.19	-40.00	27.19	175	49	Vertical
4	10380.1	26.64	-38.77	38.86	-68.53	-40.00	28.53	142	78	Vertical
5	12205.725	24.77	-37.08	39.13	-68.44	-40.00	28.44	136	19	Vertical
6	14497.1	22.35	-34.25	40.01	-67.15	-40.00	27.15	211	1	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 95 of 122

Test Band = NR CA 48A_n66A_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6980.125	39.82	-43.17	36.06	-62.55	-40.00	22.55	211	270	Horizontal
2	8409	36.66	-41.41	37.35	-62.66	-40.00	22.66	158	0	Horizontal
3	8962.725	33.78	-40.88	38.18	-64.19	-40.00	24.19	174	285	Horizontal
4	10106.4	28.89	-38.74	38.66	-66.45	-40.00	26.45	186	225	Horizontal
5	11488.125	23.35	-36.63	39.01	-69.53	-40.00	29.53	126	181	Horizontal
6	13371.825	23.09	-36.34	40.12	-68.39	-40.00	28.39	199	90	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7656.325	38.91	-42.86	36.50	-62.71	-40.00	22.71	255	121	Vertical
2	8941.45	34.13	-40.89	38.16	-63.86	-40.00	23.86	148	332	Vertical
3	10019	28.64	-39.25	38.52	-67.35	-40.00	27.35	175	273	Vertical
4	12193.075	24.49	-37.12	39.12	-68.76	-40.00	28.76	126	0	Vertical
5	15314.175	23.41	-33.94	38.81	-66.98	-40.00	26.98	266	3	Vertical
6	17224.9	26.37	-34.90	38.64	-65.15	-40.00	25.15	218	47	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 96 of 122

Test Band = NR CA 48A_n66A_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7014.05	39.47	-43.08	36.12	-62.76	-40.00	22.76	214	199	Horizontal
2	7905.875	36.26	-42.70	36.90	-64.80	-40.00	24.80	136	317	Horizontal
3	9425.6	32.35	-39.93	38.48	-64.36	-40.00	24.36	251	10	Horizontal
4	9998.3	29.35	-39.38	38.49	-66.80	-40.00	26.80	188	109	Horizontal
5	12669.75	24.75	-36.94	39.40	-68.05	-40.00	28.05	149	301	Horizontal
6	14621.875	23.25	-35.22	39.91	-67.32	-40.00	27.32	211	347	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7656.325	39.04	-42.86	36.50	-62.58	-40.00	22.58	214	123	Vertical
2	8409.575	36.68	-41.41	37.35	-62.64	-40.00	22.64	199	356	Vertical
3	9433.075	32.74	-39.93	38.48	-63.97	-40.00	23.97	184	123	Vertical
4	11317.35	25.57	-37.28	39.11	-67.86	-40.00	27.86	175	0	Vertical
5	13695.55	24.13	-35.99	40.06	-67.06	-40.00	27.06	126	168	Vertical
6	15157.775	23.33	-34.06	39.01	-66.99	-40.00	26.99	133	356	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 97 of 122

Test Band = NR CA 48A_n71A_TM1
 Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7588.475	37.48	-42.79	36.40	-64.17	-40.00	24.17	123	34	Horizontal
2	8406.125	37.22	-41.40	37.34	-62.09	-40.00	22.09	146	0	Horizontal
3	9981.05	29.48	-39.35	38.46	-66.66	-40.00	26.66	152	79	Horizontal
4	11220.75	25.96	-36.73	39.11	-66.92	-40.00	26.92	184	4	Horizontal
5	12219.525	24.75	-37.02	39.12	-68.40	-40.00	28.40	176	257	Horizontal
6	14495.95	22.42	-34.26	40.01	-67.09	-40.00	27.09	126	196	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7343.525	38.91	-43.09	36.52	-62.92	-40.00	22.92	214	316	Vertical
2	8933.975	34.34	-40.90	38.16	-63.66	-40.00	23.66	136	166	Vertical
3	10827.45	25.15	-38.29	39.20	-69.20	-40.00	29.20	259	0	Vertical
4	12701.95	24.25	-36.83	39.46	-68.38	-40.00	28.38	199	90	Vertical
5	15158.925	23.91	-34.06	39.01	-66.40	-40.00	26.40	147	166	Vertical
6	16475.675	26.22	-34.42	37.88	-65.59	-40.00	25.59	146	3	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 98 of 122

Test Band = NR CA 48A_n71A_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7788	36.73	-42.62	36.76	-64.40	-40.00	24.40	284	10	Horizontal
2	9048.4	32.32	-40.65	38.23	-65.35	-40.00	25.35	174	35	Horizontal
3	10590.55	26.20	-38.08	39.05	-68.09	-40.00	28.09	163	213	Horizontal
4	12758.3	24.36	-36.71	39.56	-68.05	-40.00	28.05	215	0	Horizontal
5	14541.95	22.78	-34.70	39.98	-67.20	-40.00	27.20	199	227	Horizontal
6	16399.775	26.61	-34.86	37.72	-65.79	-40.00	25.79	140	35	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7656.325	39.65	-42.86	36.50	-61.97	-40.00	21.97	214	285	Vertical
2	8930.525	34.11	-40.90	38.16	-63.89	-40.00	23.89	136	138	Vertical
3	10104.1	28.30	-38.72	38.66	-67.03	-40.00	27.03	251	0	Vertical
4	11418.55	25.74	-37.32	39.09	-67.75	-40.00	27.75	217	138	Vertical
5	14455.125	22.72	-34.61	40.04	-67.11	-40.00	27.11	143	9	Vertical
6	16347.45	26.01	-34.64	37.69	-66.20	-40.00	26.20	261	197	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 99 of 122

Test Band = NR CA 48A_n71A_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7438.4	38.25	-42.94	36.47	-63.48	-40.00	23.48	255	0	Horizontal
2	8931.675	34.14	-40.90	38.16	-63.86	-40.00	23.86	148	196	Horizontal
3	10525	26.79	-38.57	38.99	-68.06	-40.00	28.06	186	166	Horizontal
4	12870.425	24.94	-36.80	39.70	-67.42	-40.00	27.42	136	9	Horizontal
5	15190.55	23.37	-33.83	38.96	-66.76	-40.00	26.76	256	256	Horizontal
6	17192.125	27.00	-34.70	38.61	-64.35	-40.00	24.35	291	346	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6777.15	40.56	-43.56	35.79	-62.47	-40.00	22.47	214	330	Vertical
2	7968.55	36.18	-42.32	36.97	-64.43	-40.00	24.43	136	316	Vertical
3	9372.7	31.27	-39.96	38.47	-65.48	-40.00	25.48	258	47	Vertical
4	10074.775	28.38	-38.87	38.61	-67.14	-40.00	27.14	194	17	Vertical
5	12203.425	24.93	-37.09	39.13	-68.29	-40.00	28.29	172	17	Vertical
6	15184.8	23.41	-33.87	38.97	-66.75	-40.00	26.75	155	121	Vertical



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Report No.: SEWM2311000473RG06
Rev.: 01
Page: 100 of 122

Test Band = NSA 48A_n2A_TM1
Test Channel = Low

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	45.55	-45.67	30.12	-65.26	-13.00	52.26	297	152	Horizontal
2	4843.5	43.98	-45.54	32.44	-64.37	-13.00	51.37	186	273	Horizontal
3	5772	39.22	-44.78	33.65	-67.17	-13.00	54.17	266	166	Horizontal
4	7068.75	37.62	-44.00	36.26	-65.39	-13.00	52.39	242	357	Horizontal
5	8409	34.96	-41.47	37.35	-64.42	-13.00	51.42	132	123	Horizontal
6	10089	27.42	-39.13	38.63	-68.34	-13.00	55.34	144	1	Horizontal

Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	50.18	-45.67	30.12	-60.63	-13.00	47.63	159	78	Vertical
2	4843.5	45.18	-45.54	32.44	-63.17	-13.00	50.17	247	47	Vertical
3	5611.5	49.22	-45.04	33.06	-58.02	-13.00	45.02	217	92	Vertical
4	8437.5	34.58	-41.51	37.41	-64.79	-13.00	51.79	146	107	Vertical
5	9421.5	31.38	-39.92	38.48	-65.31	-13.00	52.31	262	166	Vertical
6	12922.5	23.36	-37.16	39.75	-69.31	-13.00	56.31	181	32	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 101 of 122

Test Band = NSA 48A_n2A_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4076.25	41.02	-45.83	30.91	-69.15	-13.00	56.15	167	208	Horizontal
2	4843.5	43.24	-45.54	32.44	-65.11	-13.00	52.11	248	104	Horizontal
3	5611.5	44.34	-45.04	33.06	-62.90	-13.00	49.90	163	104	Horizontal
4	7420.5	36.02	-43.35	36.48	-66.11	-13.00	53.11	255	44	Horizontal
5	9479.25	31.56	-40.15	38.47	-65.38	-13.00	52.38	175	164	Horizontal
6	11919.75	22.08	-37.20	38.88	-71.50	-13.00	58.50	188	311	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	51.04	-45.67	30.12	-59.77	-13.00	46.77	269	62	Vertical
2	4917.75	41.66	-45.55	32.65	-66.50	-13.00	53.50	274	0	Vertical
3	5611.5	48.68	-45.04	33.06	-58.56	-13.00	45.56	185	91	Vertical
4	6987	38.63	-43.62	36.06	-64.19	-13.00	51.19	166	1	Vertical
5	7656	37.95	-43.04	36.50	-63.85	-13.00	50.85	142	286	Vertical
6	9487.5	32.17	-40.18	38.47	-64.80	-13.00	51.80	163	3	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 102 of 122

Test Band = NSA 48A_n2A_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	44.62	-45.67	30.12	-66.19	-13.00	53.19	247	104	Horizontal
2	4843.5	43.03	-45.54	32.44	-65.32	-13.00	52.32	185	360	Horizontal
3	5611.5	42.77	-45.04	33.06	-64.47	-13.00	51.47	210	133	Horizontal
4	7194.75	36.63	-43.46	36.59	-65.51	-13.00	52.51	135	104	Horizontal
5	9469.5	31.50	-40.11	38.47	-65.40	-13.00	52.40	276	177	Horizontal
6	12487.5	22.26	-37.03	39.16	-70.86	-13.00	57.86	165	340	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3741	52.36	-45.67	30.12	-58.45	-13.00	45.45	189	65	Vertical
2	4719.75	39.93	-45.59	32.08	-68.84	-13.00	55.84	263	300	Vertical
3	5611.5	48.22	-45.04	33.06	-59.02	-13.00	46.02	274	48	Vertical
4	8557.5	32.55	-41.45	37.66	-66.50	-13.00	53.50	144	0	Vertical
5	9434.25	32.00	-39.97	38.48	-64.75	-13.00	51.75	152	212	Vertical
6	12709.5	23.11	-36.69	39.47	-69.37	-13.00	56.37	198	317	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 103 of 122

Test Band = NSA 48A_n5A_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	56.28	-48.12	25.40	-61.70	-13.00	48.70	139	66	Horizontal
2	3125.1429	50.75	-46.63	29.56	-61.59	-13.00	48.59	287	66	Horizontal
3	3802.8571	40.71	-46.16	30.34	-70.38	-13.00	57.38	156	66	Horizontal
4	4843.4286	44.58	-45.61	32.44	-63.85	-13.00	50.85	244	105	Horizontal
5	5981.1429	40.42	-44.53	34.09	-65.28	-13.00	52.28	175	53	Horizontal
6	8633.1429	33.00	-41.42	37.80	-65.87	-13.00	52.87	284	172	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1848	43.46	-48.00	25.72	-74.08	-13.00	61.08	292	98	Vertical
2	2378.8571	43.48	-47.46	27.43	-71.81	-13.00	58.81	263	86	Vertical
3	2656	44.25	-47.00	28.21	-69.80	-13.00	56.80	184	256	Vertical
4	3454.2857	43.08	-46.54	29.48	-69.24	-13.00	56.24	245	61	Vertical
5	4919.4286	41.69	-45.62	32.65	-66.54	-13.00	53.54	150	244	Vertical
6	7344	37.74	-43.38	36.52	-64.38	-13.00	51.38	215	191	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 104 of 122

Test Band = NSA 48A_n5A_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1761.1429	50.87	-48.03	25.41	-67.01	-13.00	54.01	233	50	Horizontal
2	2731.4286	43.21	-47.01	28.35	-70.71	-13.00	57.71	268	233	Horizontal
3	3125.1429	50.37	-46.63	29.56	-61.97	-13.00	48.97	142	63	Horizontal
4	4570.8571	40.87	-45.73	31.68	-68.44	-13.00	55.44	185	360	Horizontal
5	4843.4286	45.69	-45.61	32.44	-62.74	-13.00	49.74	198	103	Horizontal
6	6620	39.18	-44.40	35.48	-65.00	-13.00	52.00	120	358	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	59.96	-48.12	25.40	-58.02	-13.00	45.02	149	189	Vertical
2	2576.5714	43.11	-47.01	28.02	-71.14	-13.00	58.14	247	19	Vertical
3	3642.8571	41.88	-46.26	29.76	-69.87	-13.00	56.87	188	0	Vertical
4	4530.8571	43.33	-45.66	31.64	-65.95	-13.00	52.95	146	189	Vertical
5	4843.4286	48.78	-45.61	32.44	-59.65	-13.00	46.65	253	59	Vertical
6	7344	37.63	-43.38	36.52	-64.49	-13.00	51.49	251	203	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 105 of 122

Test Band = NSA 48A_n5A_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1945.7143	43.49	-47.98	26.31	-73.44	-13.00	60.44	219	4	Horizontal
2	2742.2857	43.21	-47.00	28.37	-70.67	-13.00	57.67	283	360	Horizontal
3	3125.1429	50.61	-46.63	29.56	-61.73	-13.00	48.73	266	66	Horizontal
4	4093.1429	41.34	-45.92	30.94	-68.90	-13.00	55.90	241	358	Horizontal
5	4843.4286	45.68	-45.61	32.44	-62.75	-13.00	49.75	142	105	Horizontal
6	6990.2857	38.45	-43.63	36.07	-64.37	-13.00	51.37	201	261	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	59.99	-48.12	25.40	-57.99	-13.00	44.99	239	190	Vertical
2	2500	45.46	-47.27	27.77	-69.30	-13.00	56.30	274	176	Vertical
3	3125.1429	48.08	-46.63	29.56	-64.26	-13.00	51.26	185	243	Vertical
4	4270.2857	41.45	-45.83	31.24	-68.40	-13.00	55.40	155	31	Vertical
5	4843.4286	48.41	-45.61	32.44	-60.02	-13.00	47.02	161	58	Vertical
6	7343.4286	38.66	-43.38	36.52	-63.46	-13.00	50.46	242	202	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 106 of 122

Test Band = NSA 48A_n12A_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3787.5	41.71	-45.87	30.29	-69.13	-25.00	44.13	132	273	Horizontal
2	6023.25	40.49	-44.74	34.14	-65.37	-25.00	40.37	265	181	Horizontal
3	8934	34.56	-41.16	38.16	-63.70	-25.00	38.70	247	196	Horizontal
4	11223.75	27.34	-37.40	39.11	-66.21	-25.00	41.21	188	0	Horizontal
5	13779	25.35	-36.35	39.98	-66.28	-25.00	41.28	145	3	Horizontal
6	17196	27.76	-34.97	38.61	-63.86	-25.00	38.86	240	357	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3870.75	41.80	-46.17	30.50	-69.14	-25.00	44.14	138	168	Vertical
2	4843.5	46.39	-45.54	32.44	-61.96	-25.00	36.96	254	64	Vertical
3	7155.75	38.53	-43.77	36.48	-64.01	-25.00	39.01	165	199	Vertical
4	9477.75	33.39	-40.14	38.47	-63.54	-25.00	38.54	295	199	Vertical
5	12200.25	25.41	-37.49	39.13	-68.21	-25.00	43.21	244	1	Vertical
6	15157.5	25.15	-34.36	39.01	-65.46	-25.00	40.46	142	4	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 107 of 122

Test Band = NSA 48A_n12A_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3104.25	42.62	-46.26	29.52	-69.37	-25.00	44.37	133	359	Horizontal
2	5514.75	40.01	-45.21	32.93	-67.54	-25.00	42.54	172	74	Horizontal
3	7190.25	36.86	-43.50	36.57	-65.32	-25.00	40.32	162	356	Horizontal
4	10077.75	28.09	-39.15	38.61	-67.70	-25.00	42.70	175	207	Horizontal
5	12723.75	24.38	-36.72	39.50	-68.10	-25.00	43.10	209	359	Horizontal
6	15807.75	23.17	-33.12	38.19	-67.02	-25.00	42.02	281	14	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3920.25	41.17	-46.23	30.61	-69.71	-25.00	44.71	147	166	Vertical
2	4843.5	43.97	-45.54	32.44	-64.38	-25.00	39.38	165	62	Vertical
3	6620.25	39.05	-44.24	35.48	-64.97	-25.00	39.97	249	166	Vertical
4	8481	34.72	-41.59	37.50	-64.63	-25.00	39.63	258	93	Vertical
5	11196	26.61	-37.41	39.11	-66.95	-25.00	41.95	132	243	Vertical
6	13848.75	24.37	-35.94	40.00	-66.82	-25.00	41.82	170	106	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 108 of 122

Test Band = NSA 48A_n12A_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4002	41.10	-46.03	30.80	-69.39	-25.00	44.39	219	208	Horizontal
2	4843.5	43.44	-45.54	32.44	-64.91	-25.00	39.91	233	267	Horizontal
3	7586.25	36.40	-42.96	36.40	-65.42	-25.00	40.42	241	134	Horizontal
4	12147	24.05	-37.41	39.09	-69.53	-25.00	44.53	172	312	Horizontal
5	13909.5	23.60	-35.48	40.06	-67.08	-25.00	42.08	152	178	Horizontal
6	15839.25	23.34	-33.52	38.13	-67.31	-25.00	42.31	201	178	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3953.25	40.86	-46.15	30.69	-69.86	-25.00	44.86	132	153	Vertical
2	4779	39.93	-45.55	32.26	-68.63	-25.00	43.63	244	331	Vertical
3	8543.25	33.79	-41.49	37.63	-65.33	-25.00	40.33	175	198	Vertical
4	11273.25	26.09	-37.41	39.11	-67.47	-25.00	42.47	186	21	Vertical
5	13751.25	24.38	-36.28	40.01	-67.16	-25.00	42.16	209	49	Vertical
6	15815.25	23.12	-33.21	38.17	-67.18	-25.00	42.18	242	316	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 109 of 122

Test Band = NSA 48A_n25A_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4109.25	41.34	-45.76	30.96	-68.72	-13.00	55.72	139	1	Horizontal
2	5715.75	39.80	-44.83	33.44	-66.85	-13.00	53.85	240	228	Horizontal
3	8013	35.59	-42.22	37.01	-64.88	-13.00	51.88	168	9	Horizontal
4	10531.5	27.64	-38.70	38.99	-67.32	-13.00	54.32	275	197	Horizontal
5	12803.25	25.23	-36.84	39.63	-67.24	-13.00	54.24	145	0	Horizontal
6	15818.25	24.20	-33.25	38.17	-66.14	-13.00	53.14	164	197	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3985.5	41.47	-46.07	30.77	-69.10	-13.00	56.10	195	256	Vertical
2	4843.5	44.56	-45.54	32.44	-63.79	-13.00	50.79	286	49	Vertical
3	6726.75	38.86	-43.91	35.69	-64.61	-13.00	51.61	245	346	Vertical
4	9443.25	32.72	-40.00	38.48	-64.06	-13.00	51.06	233	273	Vertical
5	10710.75	27.39	-37.96	39.15	-66.68	-13.00	53.68	157	357	Vertical
6	13851	24.88	-35.92	40.01	-66.29	-13.00	53.29	170	168	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 110 of 122

Test Band = NSA 48A_n25A_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4912.5	41.58	-45.54	32.64	-66.59	-13.00	53.59	139	60	Horizontal
2	7116.75	38.49	-44.08	36.38	-64.46	-13.00	51.46	258	192	Horizontal
3	9689.25	29.08	-39.46	38.34	-67.30	-13.00	54.30	241	252	Horizontal
4	11336.25	26.60	-37.40	39.11	-66.95	-13.00	53.95	165	360	Horizontal
5	13391.25	24.21	-36.36	40.14	-67.27	-13.00	54.27	278	44	Horizontal
6	15134.25	23.23	-34.60	39.04	-67.59	-13.00	54.59	188	60	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4431.75	41.10	-45.79	31.54	-68.40	-13.00	55.40	127	316	Vertical
2	7026.75	38.35	-43.73	36.15	-64.49	-13.00	51.49	186	286	Vertical
3	10285.5	28.07	-39.15	38.83	-67.51	-13.00	54.51	295	301	Vertical
4	12261.75	24.55	-37.44	39.11	-69.04	-13.00	56.04	234	20	Vertical
5	15189	23.41	-34.03	38.96	-66.92	-13.00	53.92	184	20	Vertical
6	16488	26.92	-33.92	37.90	-64.36	-13.00	51.36	272	20	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 111 of 122

Test Band = NSA 48A_n25A_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4275.75	40.98	-45.60	31.26	-68.62	-13.00	55.62	138	283	Horizontal
2	6492	39.19	-44.59	35.00	-65.67	-13.00	52.67	241	359	Horizontal
3	9497.25	33.23	-40.22	38.47	-63.78	-13.00	50.78	295	105	Horizontal
4	13606.5	24.47	-36.09	40.14	-66.73	-13.00	53.73	168	148	Horizontal
5	15349.5	23.82	-33.96	38.77	-66.63	-13.00	53.63	274	238	Horizontal
6	16755	26.02	-34.39	38.33	-65.30	-13.00	52.30	140	208	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4419.75	41.02	-45.80	31.53	-68.51	-13.00	55.51	189	8	Vertical
2	6718.5	38.99	-43.88	35.68	-64.47	-13.00	51.47	256	356	Vertical
3	8423.25	35.88	-41.49	37.38	-63.49	-13.00	50.49	178	300	Vertical
4	11254.5	27.37	-37.41	39.11	-66.19	-13.00	53.19	195	226	Vertical
5	13840.5	25.37	-36.02	40.00	-65.91	-13.00	52.91	263	62	Vertical
6	15158.25	23.88	-34.35	39.01	-66.72	-13.00	53.72	240	181	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 112 of 122

Test Band = NSA 48A_n66A_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3661.5	41.71	-45.74	29.83	-69.46	-13.00	56.46	139	0	Horizontal
2	4920	41.66	-45.55	32.66	-66.50	-13.00	53.50	268	49	Horizontal
3	5974.5	39.94	-44.87	34.08	-66.10	-13.00	53.10	174	317	Horizontal
4	7871.25	36.52	-42.67	36.86	-64.55	-13.00	51.55	145	273	Horizontal
5	9415.5	32.69	-39.89	38.49	-63.98	-13.00	50.98	165	356	Horizontal
6	14436.75	23.77	-34.81	40.05	-66.25	-13.00	53.25	211	10	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3644.25	41.84	-45.85	29.77	-69.50	-13.00	56.50	139	287	Vertical
2	4843.5	44.73	-45.54	32.44	-63.62	-13.00	50.62	287	47	Vertical
3	6687.75	39.31	-43.88	35.62	-64.21	-13.00	51.21	304	4	Vertical
4	9427.5	33.13	-39.94	38.48	-63.59	-13.00	50.59	142	78	Vertical
5	12783	25.99	-36.80	39.60	-66.47	-13.00	53.47	175	152	Vertical
6	16480.5	26.57	-33.97	37.89	-64.77	-13.00	51.77	168	226	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 113 of 122

Test Band = NSA 48A_n66A_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4026.75	41.79	-45.97	30.84	-68.59	-13.00	55.59	187	104	Horizontal
2	5917.5	40.24	-44.95	33.97	-65.99	-13.00	52.99	145	59	Horizontal
3	7412.25	37.52	-43.38	36.48	-64.63	-13.00	51.63	216	283	Horizontal
4	10665.75	27.44	-38.08	39.11	-66.79	-13.00	53.79	235	267	Horizontal
5	12798.75	25.56	-36.83	39.63	-66.90	-13.00	53.90	241	360	Horizontal
6	14368.5	24.13	-35.23	40.10	-66.25	-13.00	53.25	175	59	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3702.75	40.73	-45.51	29.98	-70.06	-13.00	57.06	132	198	Vertical
2	4843.5	45.11	-45.54	32.44	-63.24	-13.00	50.24	199	34	Vertical
3	6657.75	39.40	-44.04	35.56	-64.34	-13.00	51.34	172	48	Vertical
4	8049.75	35.58	-41.86	37.03	-64.51	-13.00	51.51	256	10	Vertical
5	11261.25	27.51	-37.41	39.11	-66.05	-13.00	53.05	274	124	Vertical
6	16470	27.04	-34.04	37.86	-64.39	-13.00	51.39	185	243	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 114 of 122

Test Band = NSA 48A_n66A_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3486	44.18	-46.26	29.51	-67.84	-13.00	54.84	292	103	Horizontal
2	4239	41.18	-45.68	31.18	-68.58	-13.00	55.58	171	360	Horizontal
3	4843.5	43.68	-45.54	32.44	-64.67	-13.00	51.67	156	44	Horizontal
4	6731.25	39.15	-43.92	35.70	-64.33	-13.00	51.33	201	103	Horizontal
5	8404.5	36.92	-41.46	37.34	-62.46	-13.00	49.46	213	194	Horizontal
6	11282.25	27.43	-37.41	39.11	-66.13	-13.00	53.13	161	14	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3485.25	48.50	-46.26	29.51	-63.52	-13.00	50.52	239	346	Vertical
2	4462.5	41.02	-45.75	31.57	-68.42	-13.00	55.42	184	226	Vertical
3	5228.25	41.45	-45.23	32.96	-66.07	-13.00	53.07	275	31	Vertical
4	6991.5	39.35	-43.60	36.07	-63.44	-13.00	50.44	165	10	Vertical
5	9476.25	33.17	-40.14	38.47	-63.75	-13.00	50.75	241	243	Vertical
6	13920	25.19	-35.50	40.07	-65.51	-13.00	52.51	125	356	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 115 of 122

Test Band = NSA 48A_n71A_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	57.56	-48.12	25.40	-60.42	-13.00	47.42	231	13	Horizontal
2	2031.4286	46.42	-47.84	26.75	-69.93	-13.00	56.93	195	26	Horizontal
3	3125.1429	49.92	-46.63	29.56	-62.42	-13.00	49.42	267	53	Horizontal
4	4444.5714	41.64	-45.76	31.55	-67.83	-13.00	54.83	142	4	Horizontal
5	5976	40.73	-44.56	34.08	-65.01	-13.00	52.01	151	53	Horizontal
6	7856.5714	36.75	-42.70	36.85	-64.37	-13.00	51.37	201	4	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2031.4286	48.88	-47.84	26.75	-67.47	-13.00	54.47	139	152	Vertical
2	2606.8571	43.59	-46.94	28.11	-70.50	-13.00	57.50	284	357	Vertical
3	3653.7143	42.20	-46.24	29.80	-69.49	-13.00	56.49	165	85	Vertical
4	4844	46.83	-45.61	32.44	-61.60	-13.00	48.60	277	205	Vertical
5	6711.4286	39.45	-44.07	35.66	-64.21	-13.00	51.21	142	0	Vertical
6	7968.5714	36.93	-42.57	36.97	-63.93	-13.00	50.93	156	323	Vertical



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Report No.: SEWM2311000473RG06
Rev.: 01
Page: 116 of 122

Test Band = NSA 48A_n71A_ TM1

Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1497.1429	44.65	-48.31	25.49	-73.43	-13.00	60.43	139	359	Horizontal
2	2324.5714	44.17	-47.49	27.40	-71.18	-13.00	58.18	258	234	Horizontal
3	4102.8571	41.86	-45.90	30.95	-68.35	-13.00	55.35	160	360	Horizontal
4	6011.4286	40.51	-44.46	34.13	-65.08	-13.00	52.08	247	78	Horizontal
5	7405.1429	38.14	-43.27	36.49	-63.90	-13.00	50.90	154	360	Horizontal
6	8405.7143	36.32	-41.68	37.34	-63.28	-13.00	50.28	168	275	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1718.8571	55.82	-48.12	25.40	-62.16	-13.00	49.16	216	231	Vertical
2	2343.4286	45.41	-47.48	27.41	-69.92	-13.00	56.92	239	165	Vertical
3	3950.8571	42.08	-46.21	30.68	-68.71	-13.00	55.71	274	34	Vertical
4	4843.4286	47.47	-45.61	32.44	-60.96	-13.00	47.96	184	48	Vertical
5	6722.2857	39.62	-44.07	35.68	-64.03	-13.00	51.03	161	165	Vertical
6	7187.4286	40.52	-43.91	36.57	-62.09	-13.00	49.09	277	177	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 117 of 122

Test Band = NSA 48A_n71A_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1497.7143	44.69	-48.31	25.49	-73.39	-13.00	60.39	139	4	Horizontal
2	1980	43.55	-47.93	26.52	-73.12	-13.00	60.12	201	91	Horizontal
3	3125.1429	50.00	-46.63	29.56	-62.34	-13.00	49.34	185	51	Horizontal
4	4412	41.75	-45.86	31.52	-67.84	-13.00	54.84	267	360	Horizontal
5	5412	41.36	-44.99	32.81	-66.08	-13.00	53.08	142	157	Horizontal
6	7001.7143	38.88	-43.58	36.08	-63.88	-13.00	50.88	197	273	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1742.8571	44.47	-48.07	25.41	-73.45	-13.00	60.45	293	99	Vertical
2	2343.4286	45.20	-47.48	27.41	-70.13	-13.00	57.13	268	152	Vertical
3	3476	43.16	-46.54	29.50	-69.14	-13.00	56.14	217	285	Vertical
4	5156	42.99	-45.16	32.97	-64.47	-13.00	51.47	186	297	Vertical
5	6426.2857	40.04	-44.72	34.73	-65.21	-13.00	52.21	214	114	Vertical
6	7656.5714	41.19	-43.17	36.50	-60.74	-13.00	47.74	150	166	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 118 of 122

Test Band = NR CA n48A-n70A_ 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	7652.3958	42.59	-45.02	36.62	-61.07	-40.00	21.07	Horizontal
2	9519.2292	39.89	-42.47	38.07	-59.78	-40.00	19.78	Horizontal
3	11392.7708	36.84	-39.76	39.32	-58.86	-40.00	18.86	Horizontal
4	13661.1458	33.76	-38.08	40.12	-59.46	-40.00	19.46	Horizontal
5	15403.875	30.90	-37.85	39.33	-62.88	-40.00	22.88	Horizontal
6	17964.0625	27.71	-37.08	45.07	-59.56	-40.00	19.56	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7336.1458	42.97	-45.85	36.41	-61.73	-40.00	21.73	Vertical
2	9225.5	40.56	-42.96	37.80	-59.86	-40.00	19.86	Vertical
3	10928.4583	36.90	-40.27	39.34	-59.29	-40.00	19.29	Vertical
4	12262.9375	35.68	-39.48	39.04	-60.02	-40.00	20.02	Vertical
5	14303.2292	32.57	-38.78	40.66	-60.81	-40.00	20.81	Vertical
6	17957.3542	27.84	-37.10	45.03	-59.49	-40.00	19.49	Vertical



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Report No.: SEWM2311000473RG06
 Rev.: 01
 Page: 119 of 122

Test Band = NR CA n48A-n70A_ 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	7838.7917	42.41	-44.93	36.39	-61.38	-40.00	21.38	Horizontal
2	9523.5417	39.71	-42.43	38.07	-59.91	-40.00	19.91	Horizontal
3	11153.6667	36.98	-40.02	39.37	-58.93	-40.00	18.93	Horizontal
4	13636.2292	33.37	-38.16	40.06	-59.99	-40.00	19.99	Horizontal
5	14674.1042	32.00	-38.16	40.36	-61.06	-40.00	21.06	Horizontal
6	17456.625	28.61	-36.59	41.82	-61.42	-40.00	21.42	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7697.4375	43.06	-45.13	36.56	-60.77	-40.00	20.77	Vertical
2	9516.3542	40.38	-42.50	38.06	-59.31	-40.00	19.31	Vertical
3	10872.3958	37.55	-40.25	39.29	-58.67	-40.00	18.67	Vertical
4	12057.8542	36.39	-39.05	39.17	-58.75	-40.00	18.75	Vertical
5	13935.7083	32.86	-38.63	40.75	-60.27	-40.00	20.27	Vertical
6	17961.6667	27.85	-37.09	45.05	-59.44	-40.00	19.44	Vertical



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Report No.: SEWM2311000473RG06
Rev.: 01
Page: 120 of 122

Test Band = NR CA n48A-n70A_ 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	7192.3958	42.78	-45.50	36.06	-61.92	-40.00	21.92	Horizontal
2	7822.0208	42.50	-44.92	36.41	-61.26	-40.00	21.26	Horizontal
3	10400.8958	38.24	-41.24	38.86	-59.40	-40.00	19.40	Horizontal
4	12255.2708	35.83	-39.51	39.05	-59.89	-40.00	19.89	Horizontal
5	14100.5417	32.03	-38.74	40.82	-61.15	-40.00	21.15	Horizontal
6	17938.6667	27.49	-37.15	44.91	-60.01	-40.00	20.01	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	7331.8333	43.25	-45.87	36.40	-61.48	-40.00	21.48	Vertical
2	8897.75	40.88	-43.56	37.46	-60.48	-40.00	20.48	Vertical
3	10515.4167	37.30	-40.67	38.96	-59.66	-40.00	19.66	Vertical
4	11141.6875	37.05	-40.04	39.37	-58.88	-40.00	18.88	Vertical
5	14634.3333	32.22	-38.14	40.39	-60.79	-40.00	20.79	Vertical
6	17969.3333	27.63	-37.07	45.10	-59.59	-40.00	19.59	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



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N48	30	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	-4.300000	-0.001186	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	-4.900000	-0.001352	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	-3.000000	-0.000828	PASS
N48	30	40	CP-QPSK	M	Outer_Full	VH	NT	-1.200000	-0.000331	PASS
N48	30	40	CP-QPSK	M	Outer_Full	VN	NT	-4.600000	-0.001269	PASS
N48	30	40	CP-QPSK	M	Outer_Full	VL	NT	-3.100000	-0.000855	PASS

Frequency Error VS. Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Verdict
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	-4.000000	-0.001103	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	-2.300000	-0.000634	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	-3.400000	-0.000938	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	0	0.900000	0.000248	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	10	0.100000	0.000028	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	20	-1.200000	-0.000331	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	30	-5.600000	-0.001545	PASS
N48	30	40	DFT-PI2BPSK	M	Outer_Full	NV	40	0.300000	0.000083	PASS
N48	30	40	DFT-	M	Outer_Full	NV	50	-1.900000	-0.000524	PASS



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Report No.: SEWM2311000473RG06

Rev.: 01

Page: 122 of 122

			PI2BPSK							
N48	30	40	CP-QPSK	M	Outer_Full	NV	-30	-2.700000	-0.000745	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	-20	-2.200000	-0.000607	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	-10	-1.600000	-0.000441	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	0	-1.900000	-0.000524	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	10	-2.700000	-0.000745	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	20	-1.600000	-0.000441	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	30	-0.900000	-0.000248	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	40	0.400000	0.000110	PASS
N48	30	40	CP-QPSK	M	Outer_Full	NV	50	-6.000000	-0.001655	PASS

---End of Attachment---



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