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Appendix B.18

NR Band n5



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

ANT1

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	23.97	18.12	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	24.01	18.16	38.45	PASS
N5	15	5	DFT-PI2BPSK	L	Outer_Full	23.05	17.20	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Left	23.93	18.08	38.45	PASS
N5	15	5	DFT-QPSK	L	Inner_1RB_Right	24.00	18.15	38.45	PASS
N5	15	5	DFT-QPSK	L	Outer_Full	23.00	17.15	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Left	22.55	16.70	38.45	PASS
N5	15	5	DFT-16QAM	L	Inner_1RB_Right	22.59	16.74	38.45	PASS
N5	15	5	DFT-16QAM	L	Outer_Full	22.03	16.18	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Left	21.44	15.59	38.45	PASS
N5	15	5	DFT-64QAM	L	Inner_1RB_Right	21.46	15.61	38.45	PASS
N5	15	5	DFT-64QAM	L	Outer_Full	21.48	15.63	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Left	19.30	13.45	38.45	PASS
N5	15	5	DFT-256QAM	L	Inner_1RB_Right	19.26	13.41	38.45	PASS
N5	15	5	DFT-256QAM	L	Outer_Full	19.44	13.59	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	24.06	18.21	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.95	18.10	38.45	PASS
N5	15	5	DFT-PI2BPSK	M	Outer_Full	22.94	17.09	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Left	23.99	18.14	38.45	PASS
N5	15	5	DFT-QPSK	M	Inner_1RB_Right	23.87	18.02	38.45	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	22.93	17.08	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Left	22.72	16.87	38.45	PASS
N5	15	5	DFT-16QAM	M	Inner_1RB_Right	22.69	16.84	38.45	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	21.95	16.10	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Left	21.45	15.60	38.45	PASS
N5	15	5	DFT-64QAM	M	Inner_1RB_Right	21.37	15.52	38.45	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	21.35	15.50	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Left	19.30	13.45	38.45	PASS
N5	15	5	DFT-256QAM	M	Inner_1RB_Right	19.24	13.39	38.45	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	19.40	13.55	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.94	18.09	38.45	PASS
N5	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.94	18.09	38.45	PASS



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N5	15	5	DFT-PI2BPSK	H	Outer_Full	22.87	17.02	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Left	23.93	18.08	38.45	PASS
N5	15	5	DFT-QPSK	H	Inner_1RB_Right	23.85	18.00	38.45	PASS
N5	15	5	DFT-QPSK	H	Outer_Full	22.89	17.04	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Left	22.64	16.79	38.45	PASS
N5	15	5	DFT-16QAM	H	Inner_1RB_Right	22.72	16.87	38.45	PASS
N5	15	5	DFT-16QAM	H	Outer_Full	21.88	16.03	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Left	21.35	15.50	38.45	PASS
N5	15	5	DFT-64QAM	H	Inner_1RB_Right	21.37	15.52	38.45	PASS
N5	15	5	DFT-64QAM	H	Outer_Full	21.30	15.45	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Left	19.21	13.36	38.45	PASS
N5	15	5	DFT-256QAM	H	Inner_1RB_Right	19.20	13.35	38.45	PASS
N5	15	5	DFT-256QAM	H	Outer_Full	19.31	13.46	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	23.84	17.99	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.87	18.02	38.45	PASS
N5	15	10	DFT-PI2BPSK	L	Outer_Full	22.88	17.03	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Left	23.86	18.01	38.45	PASS
N5	15	10	DFT-QPSK	L	Inner_1RB_Right	23.85	18.00	38.45	PASS
N5	15	10	DFT-QPSK	L	Outer_Full	22.84	16.99	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Left	22.50	16.65	38.45	PASS
N5	15	10	DFT-16QAM	L	Inner_1RB_Right	22.54	16.69	38.45	PASS
N5	15	10	DFT-16QAM	L	Outer_Full	21.83	15.98	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Left	21.23	15.38	38.45	PASS
N5	15	10	DFT-64QAM	L	Inner_1RB_Right	21.22	15.37	38.45	PASS
N5	15	10	DFT-64QAM	L	Outer_Full	21.34	15.49	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Left	19.11	13.26	38.45	PASS
N5	15	10	DFT-256QAM	L	Inner_1RB_Right	19.14	13.29	38.45	PASS
N5	15	10	DFT-256QAM	L	Outer_Full	19.34	13.49	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.87	18.02	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.83	17.98	38.45	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	22.79	16.94	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Left	23.87	18.02	38.45	PASS
N5	15	10	DFT-QPSK	M	Inner_1RB_Right	23.79	17.94	38.45	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	22.77	16.92	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Left	22.68	16.83	38.45	PASS
N5	15	10	DFT-16QAM	M	Inner_1RB_Right	22.50	16.65	38.45	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	21.81	15.96	38.45	PASS



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N5	15	10	DFT-64QAM	M	Inner_1RB_Left	21.22	15.37	38.45	PASS
N5	15	10	DFT-64QAM	M	Inner_1RB_Right	21.23	15.38	38.45	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	21.26	15.41	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Left	19.23	13.38	38.45	PASS
N5	15	10	DFT-256QAM	M	Inner_1RB_Right	19.14	13.29	38.45	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	19.26	13.41	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.84	17.99	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.86	18.01	38.45	PASS
N5	15	10	DFT-PI2BPSK	H	Outer_Full	22.83	16.98	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Left	23.88	18.03	38.45	PASS
N5	15	10	DFT-QPSK	H	Inner_1RB_Right	23.76	17.91	38.45	PASS
N5	15	10	DFT-QPSK	H	Outer_Full	22.83	16.98	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Left	22.66	16.81	38.45	PASS
N5	15	10	DFT-16QAM	H	Inner_1RB_Right	22.61	16.76	38.45	PASS
N5	15	10	DFT-16QAM	H	Outer_Full	21.84	15.99	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Left	21.42	15.57	38.45	PASS
N5	15	10	DFT-64QAM	H	Inner_1RB_Right	21.36	15.51	38.45	PASS
N5	15	10	DFT-64QAM	H	Outer_Full	21.35	15.50	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Left	19.19	13.34	38.45	PASS
N5	15	10	DFT-256QAM	H	Inner_1RB_Right	19.11	13.26	38.45	PASS
N5	15	10	DFT-256QAM	H	Outer_Full	19.32	13.47	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	23.83	17.98	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.80	17.95	38.45	PASS
N5	15	15	DFT-PI2BPSK	L	Outer_Full	22.99	17.14	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Left	23.82	17.97	38.45	PASS
N5	15	15	DFT-QPSK	L	Inner_1RB_Right	23.79	17.94	38.45	PASS
N5	15	15	DFT-QPSK	L	Outer_Full	23.00	17.15	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Left	22.76	16.91	38.45	PASS
N5	15	15	DFT-16QAM	L	Inner_1RB_Right	22.57	16.72	38.45	PASS
N5	15	15	DFT-16QAM	L	Outer_Full	22.03	16.18	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Left	21.22	15.37	38.45	PASS
N5	15	15	DFT-64QAM	L	Inner_1RB_Right	21.16	15.31	38.45	PASS
N5	15	15	DFT-64QAM	L	Outer_Full	21.48	15.63	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Left	19.13	13.28	38.45	PASS
N5	15	15	DFT-256QAM	L	Inner_1RB_Right	19.16	13.31	38.45	PASS
N5	15	15	DFT-256QAM	L	Outer_Full	19.50	13.65	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.86	18.01	38.45	PASS



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N5	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.77	17.92	38.45	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	22.96	17.11	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Left	23.85	18.00	38.45	PASS
N5	15	15	DFT-QPSK	M	Inner_1RB_Right	23.78	17.93	38.45	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	22.95	17.10	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Left	22.42	16.57	38.45	PASS
N5	15	15	DFT-16QAM	M	Inner_1RB_Right	22.38	16.53	38.45	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	22.00	16.15	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Left	21.32	15.47	38.45	PASS
N5	15	15	DFT-64QAM	M	Inner_1RB_Right	21.29	15.44	38.45	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	21.48	15.63	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Left	19.17	13.32	38.45	PASS
N5	15	15	DFT-256QAM	M	Inner_1RB_Right	19.08	13.23	38.45	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	19.44	13.59	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.99	18.14	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.86	18.01	38.45	PASS
N5	15	15	DFT-PI2BPSK	H	Outer_Full	22.99	17.14	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Left	23.91	18.06	38.45	PASS
N5	15	15	DFT-QPSK	H	Inner_1RB_Right	23.75	17.90	38.45	PASS
N5	15	15	DFT-QPSK	H	Outer_Full	23.02	17.17	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Left	22.73	16.88	38.45	PASS
N5	15	15	DFT-16QAM	H	Inner_1RB_Right	22.61	16.76	38.45	PASS
N5	15	15	DFT-16QAM	H	Outer_Full	22.05	16.20	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Left	21.35	15.50	38.45	PASS
N5	15	15	DFT-64QAM	H	Inner_1RB_Right	21.24	15.39	38.45	PASS
N5	15	15	DFT-64QAM	H	Outer_Full	21.49	15.64	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Left	19.27	13.42	38.45	PASS
N5	15	15	DFT-256QAM	H	Inner_1RB_Right	19.15	13.30	38.45	PASS
N5	15	15	DFT-256QAM	H	Outer_Full	19.50	13.65	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	23.76	17.91	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.76	17.91	38.45	PASS
N5	15	20	DFT-PI2BPSK	L	Outer_Full	22.92	17.07	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Left	23.84	17.99	38.45	PASS
N5	15	20	DFT-QPSK	L	Inner_1RB_Right	23.71	17.86	38.45	PASS
N5	15	20	DFT-QPSK	L	Outer_Full	22.91	17.06	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Left	22.40	16.55	38.45	PASS
N5	15	20	DFT-16QAM	L	Inner_1RB_Right	22.47	16.62	38.45	PASS



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N5	15	20	DFT-16QAM	L	Outer_Full	21.93	16.08	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Left	21.18	15.33	38.45	PASS
N5	15	20	DFT-64QAM	L	Inner_1RB_Right	21.05	15.20	38.45	PASS
N5	15	20	DFT-64QAM	L	Outer_Full	21.40	15.55	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Left	19.05	13.20	38.45	PASS
N5	15	20	DFT-256QAM	L	Inner_1RB_Right	19.07	13.22	38.45	PASS
N5	15	20	DFT-256QAM	L	Outer_Full	19.36	13.51	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.77	17.92	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.76	17.91	38.45	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	22.94	17.09	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Left	23.86	18.01	38.45	PASS
N5	15	20	DFT-QPSK	M	Inner_1RB_Right	23.75	17.90	38.45	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	22.93	17.08	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Left	22.40	16.55	38.45	PASS
N5	15	20	DFT-16QAM	M	Inner_1RB_Right	22.81	16.96	38.45	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	21.93	16.08	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Left	21.32	15.47	38.45	PASS
N5	15	20	DFT-64QAM	M	Inner_1RB_Right	21.23	15.38	38.45	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	21.41	15.56	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Left	19.13	13.28	38.45	PASS
N5	15	20	DFT-256QAM	M	Inner_1RB_Right	19.09	13.24	38.45	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	19.41	13.56	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.84	17.99	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.76	17.91	38.45	PASS
N5	15	20	DFT-PI2BPSK	H	Outer_Full	22.95	17.10	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Left	23.85	18.00	38.45	PASS
N5	15	20	DFT-QPSK	H	Inner_1RB_Right	23.69	17.84	38.45	PASS
N5	15	20	DFT-QPSK	H	Outer_Full	22.94	17.09	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Left	22.87	17.02	38.45	PASS
N5	15	20	DFT-16QAM	H	Inner_1RB_Right	22.37	16.52	38.45	PASS
N5	15	20	DFT-16QAM	H	Outer_Full	21.93	16.08	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Left	21.33	15.48	38.45	PASS
N5	15	20	DFT-64QAM	H	Inner_1RB_Right	21.25	15.40	38.45	PASS
N5	15	20	DFT-64QAM	H	Outer_Full	21.47	15.62	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Left	19.13	13.28	38.45	PASS
N5	15	20	DFT-256QAM	H	Inner_1RB_Right	19.00	13.15	38.45	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	19.41	13.56	38.45	PASS



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Peak-to-Average Ratio(CCDF) for SA

Test Result

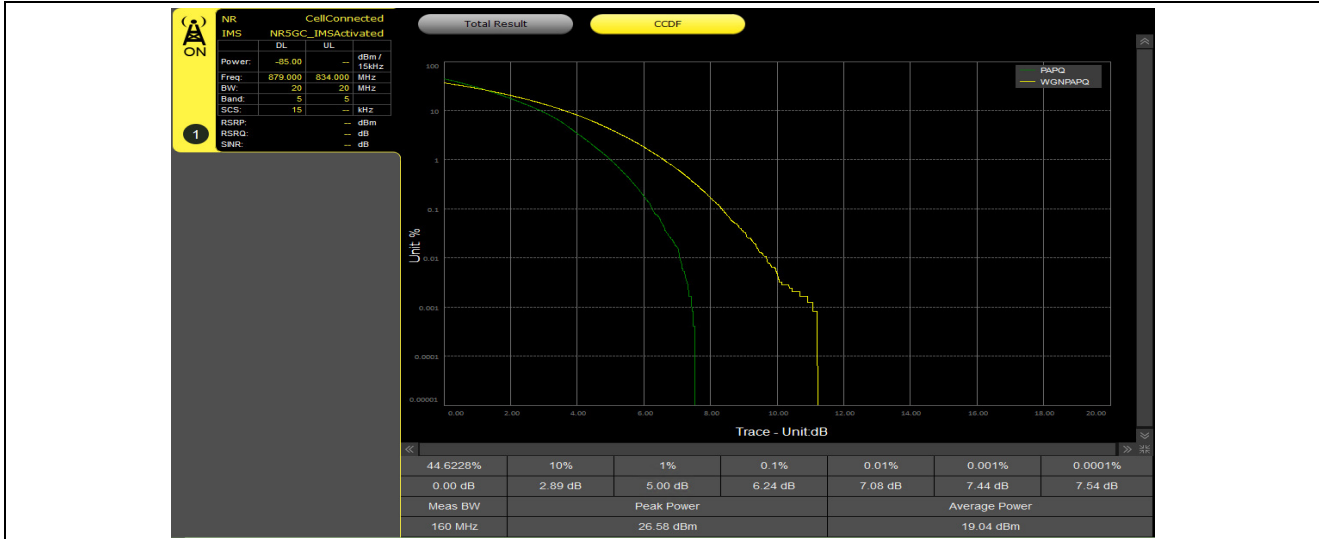
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dB)	Limit (dB)	Verdict
N5	15	20	DFT-256QAM	L	Outer_Full	6.24	≤13	PASS
N5	15	20	CP-256QAM	L	Outer_Full	8.32	≤13	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	6.27	≤13	PASS
N5	15	20	CP-256QAM	M	Outer_Full	8.24	≤13	PASS
N5	15	20	DFT-256QAM	H	Outer_Full	6.43	≤13	PASS
N5	15	20	CP-256QAM	H	Outer_Full	8.33	≤13	PASS



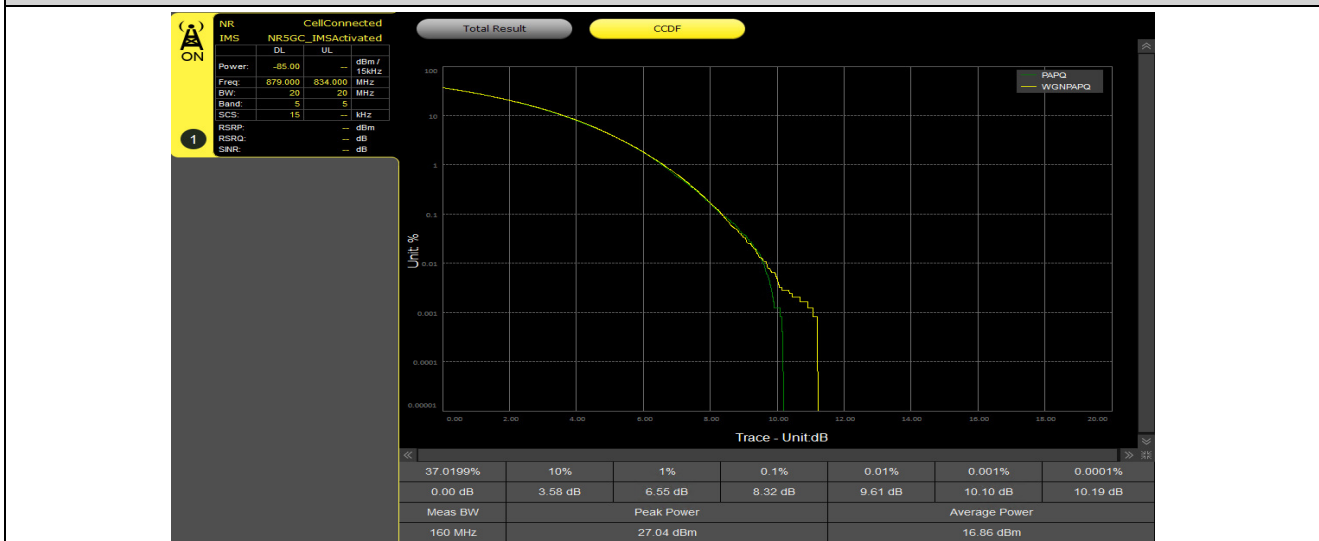
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Test Graphs



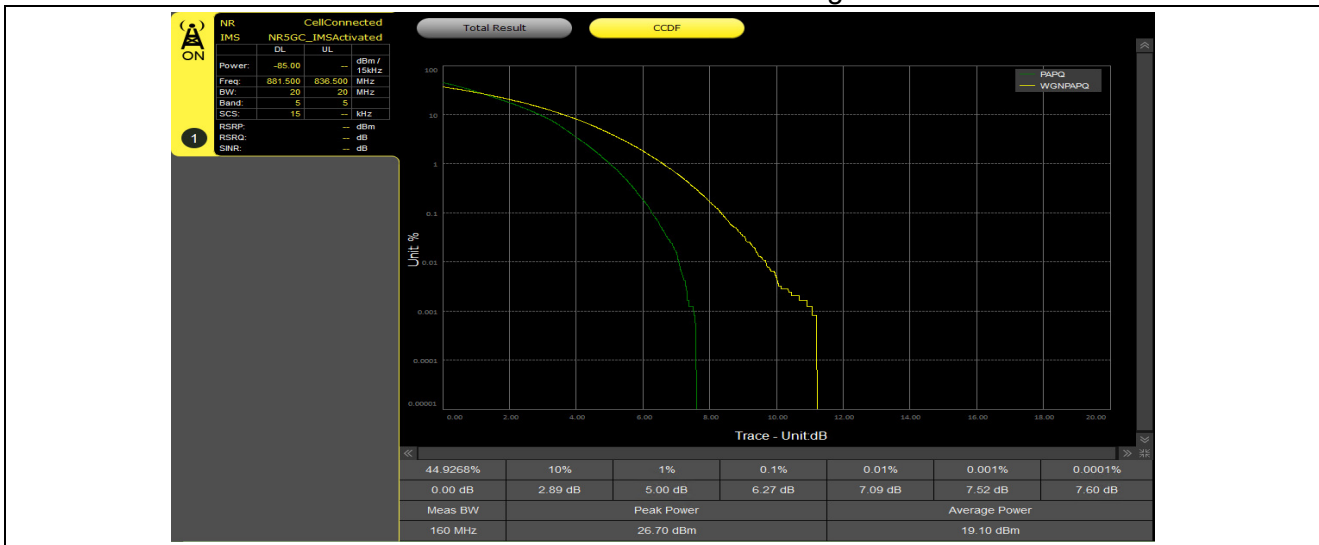
1-N5-PC3-15-20-L-1-DFT-256QAM-Outer_Full-100@0-Ant1-6.24-100%-0.00-6.24-PASS-≤13



1-N5-PC3-15-20-L-2-CP-256QAM-Outer_Full-106@0-Ant1-8.32-100%-0.00-8.32-PASS-≤13



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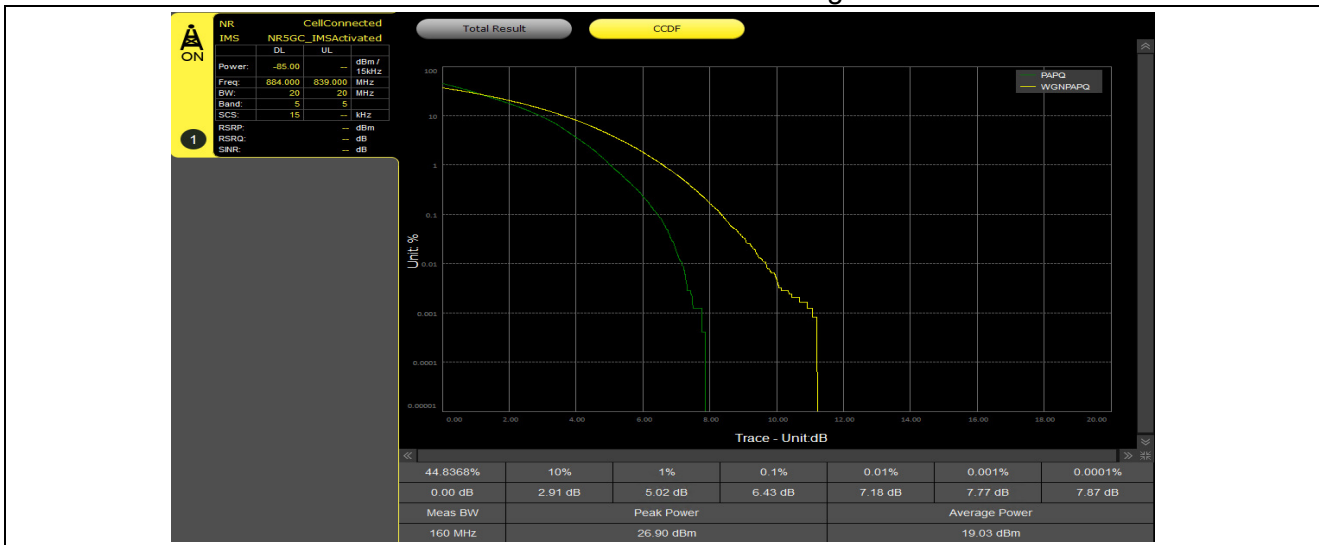
1-N5-PC3-15-20-M-1-DFT-256QAM-Outer_Full-100@0-Ant1-6.27-100%-0.00-6.27-PASS-≤13



1-N5-PC3-15-20-M-2-CP-256QAM-Outer_Full-106@0-Ant1-8.24-100%-0.00-8.24-PASS-≤13



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1-N5-PC3-15-20-H-1-DFT-256QAM-Outer_Full-100@0-Ant1-6.43-100%-0.00-6.43-PASS-≤13



1-N5-PC3-15-20-H-2-CP-256QAM-Outer_Full-106@0-Ant1-8.33-100%-0.00-8.33-PASS-≤13



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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result	Result	Verdict
N5	15	5	DFT-PI2BPSK	M	Outer_Full	4.48	4.860	PASS
N5	15	5	DFT-QPSK	M	Outer_Full	4.48	4.840	PASS
N5	15	5	DFT-16QAM	M	Outer_Full	4.48	4.840	PASS
N5	15	5	DFT-64QAM	M	Outer_Full	4.5	4.840	PASS
N5	15	5	DFT-256QAM	M	Outer_Full	4.48	4.820	PASS
N5	15	5	CP-QPSK	M	Outer_Full	4.46	4.880	PASS
N5	15	5	CP-16QAM	M	Outer_Full	4.5	4.880	PASS
N5	15	5	CP-64QAM	M	Outer_Full	4.5	4.880	PASS
N5	15	5	CP-256QAM	M	Outer_Full	4.48	4.900	PASS
N5	15	10	DFT-PI2BPSK	M	Outer_Full	8.92	9.640	PASS
N5	15	10	DFT-QPSK	M	Outer_Full	9	9.640	PASS
N5	15	10	DFT-16QAM	M	Outer_Full	8.96	9.600	PASS
N5	15	10	DFT-64QAM	M	Outer_Full	8.92	9.680	PASS
N5	15	10	DFT-256QAM	M	Outer_Full	8.92	9.680	PASS
N5	15	10	CP-QPSK	M	Outer_Full	9.32	9.960	PASS
N5	15	10	CP-16QAM	M	Outer_Full	9.32	10.000	PASS
N5	15	10	CP-64QAM	M	Outer_Full	9.32	9.920	PASS
N5	15	10	CP-256QAM	M	Outer_Full	9.28	9.920	PASS
N5	15	15	DFT-PI2BPSK	M	Outer_Full	13.5	14.400	PASS
N5	15	15	DFT-QPSK	M	Outer_Full	13.44	14.340	PASS
N5	15	15	DFT-16QAM	M	Outer_Full	13.44	14.400	PASS
N5	15	15	DFT-64QAM	M	Outer_Full	13.5	14.460	PASS
N5	15	15	DFT-256QAM	M	Outer_Full	13.44	14.400	PASS
N5	15	15	CP-QPSK	M	Outer_Full	14.16	15.120	PASS
N5	15	15	CP-16QAM	M	Outer_Full	14.16	15.120	PASS
N5	15	15	CP-64QAM	M	Outer_Full	14.16	15.000	PASS
N5	15	15	CP-256QAM	M	Outer_Full	14.16	15.060	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	17.92	19.120	PASS
N5	15	20	DFT-QPSK	M	Outer_Full	17.84	19.040	PASS
N5	15	20	DFT-16QAM	M	Outer_Full	18	19.200	PASS
N5	15	20	DFT-64QAM	M	Outer_Full	17.84	19.120	PASS
N5	15	20	DFT-256QAM	M	Outer_Full	17.84	19.280	PASS



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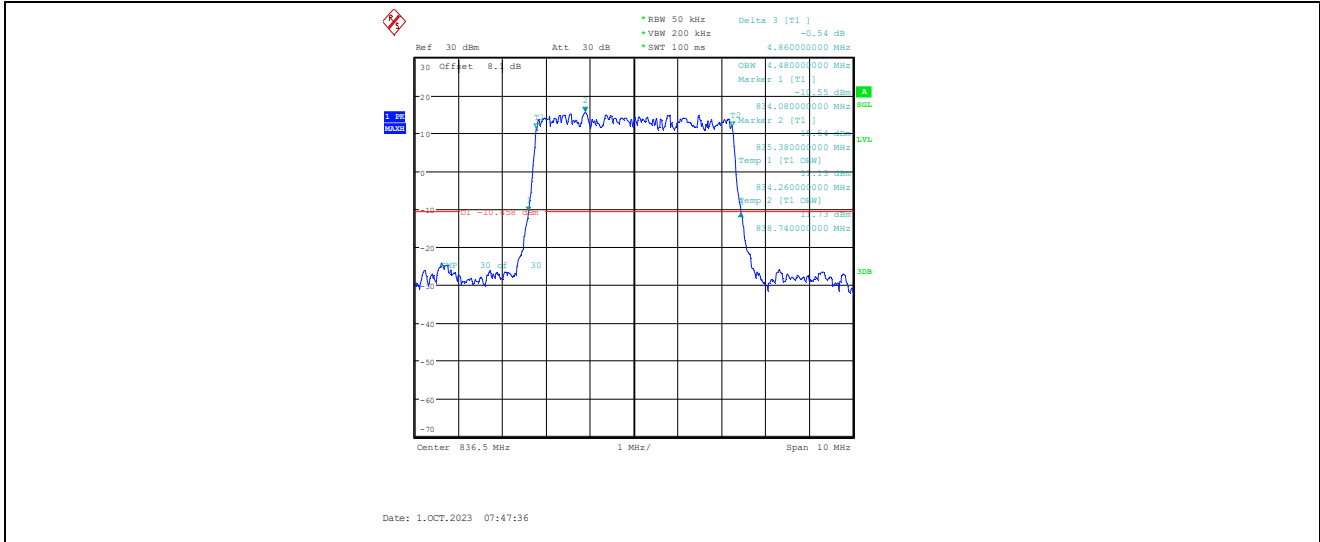
N5	15	20	CP-QPSK	M	Outer_Full	18.88	20.240	PASS
N5	15	20	CP-16QAM	M	Outer_Full	18.88	20.160	PASS
N5	15	20	CP-64QAM	M	Outer_Full	18.96	20.160	PASS
N5	15	20	CP-256QAM	M	Outer_Full	19.04	20.160	PASS



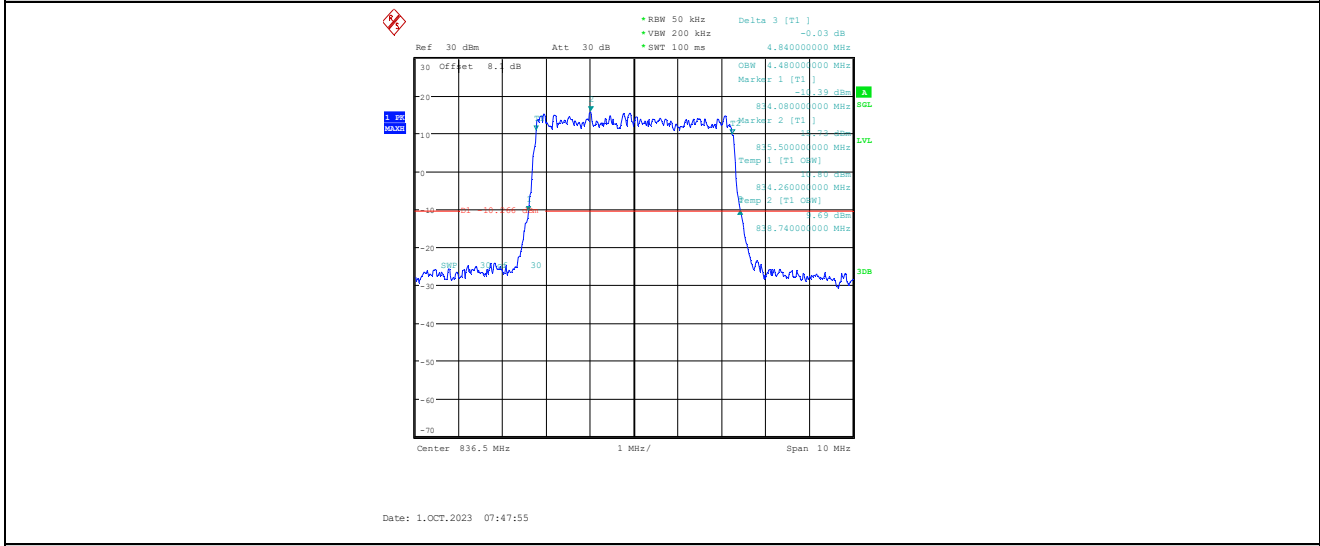
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Test Graphs



1-N5-PC3-15-5-M-1-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.48-4.860-≤5-PASS

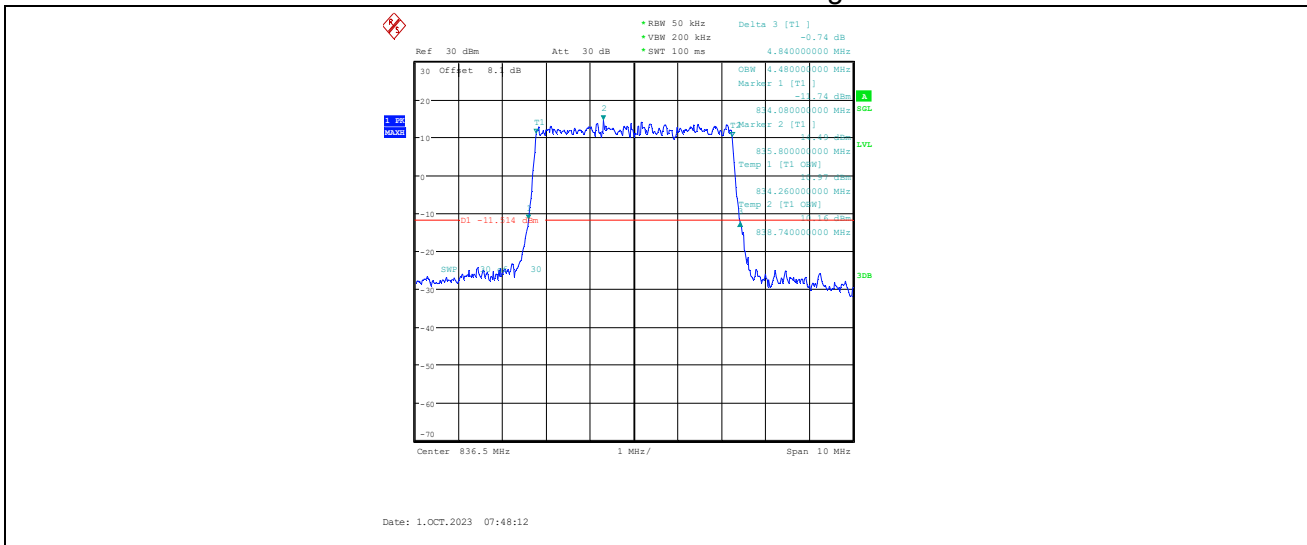


1-N5-PC3-15-5-M-2-DFT-QPSK-Outer_Full-25@0-Ant1-4.48-4.840-≤5-PASS

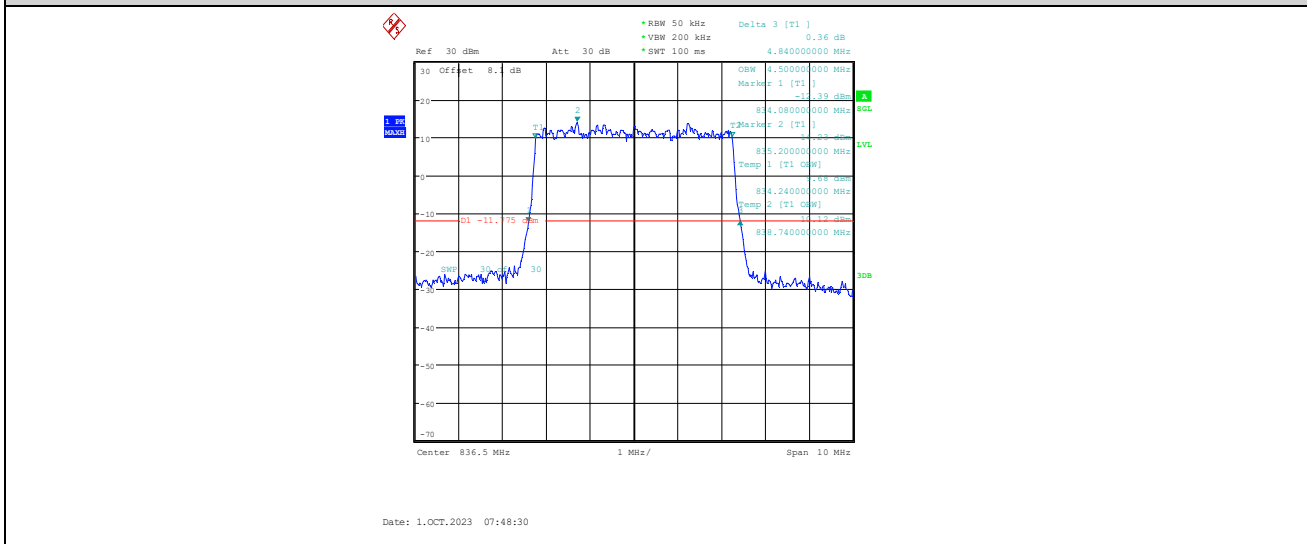


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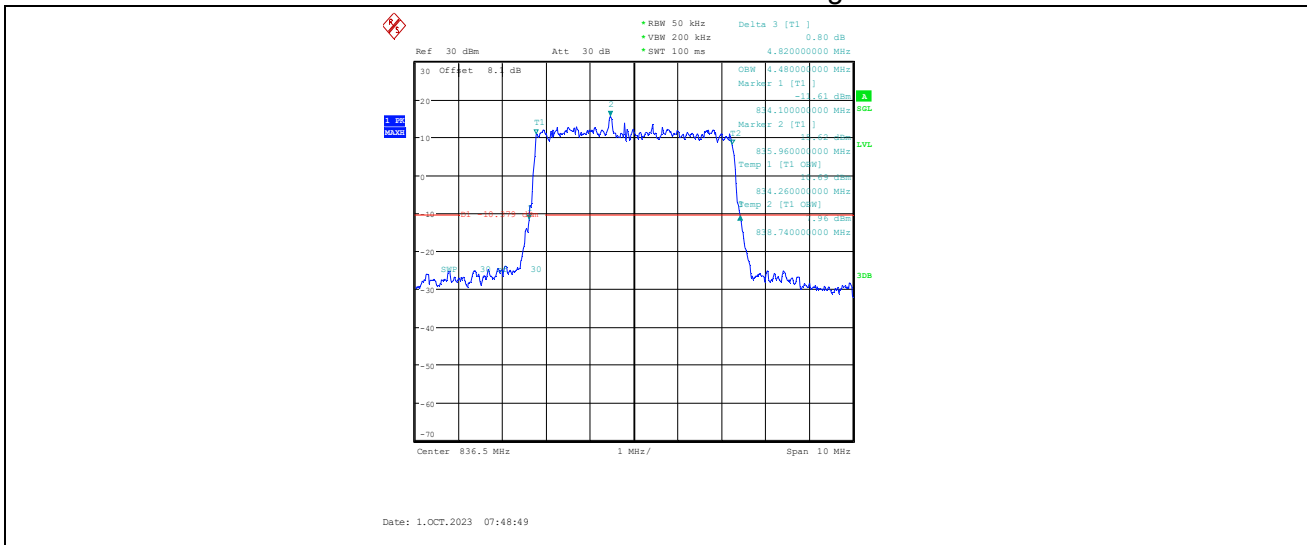
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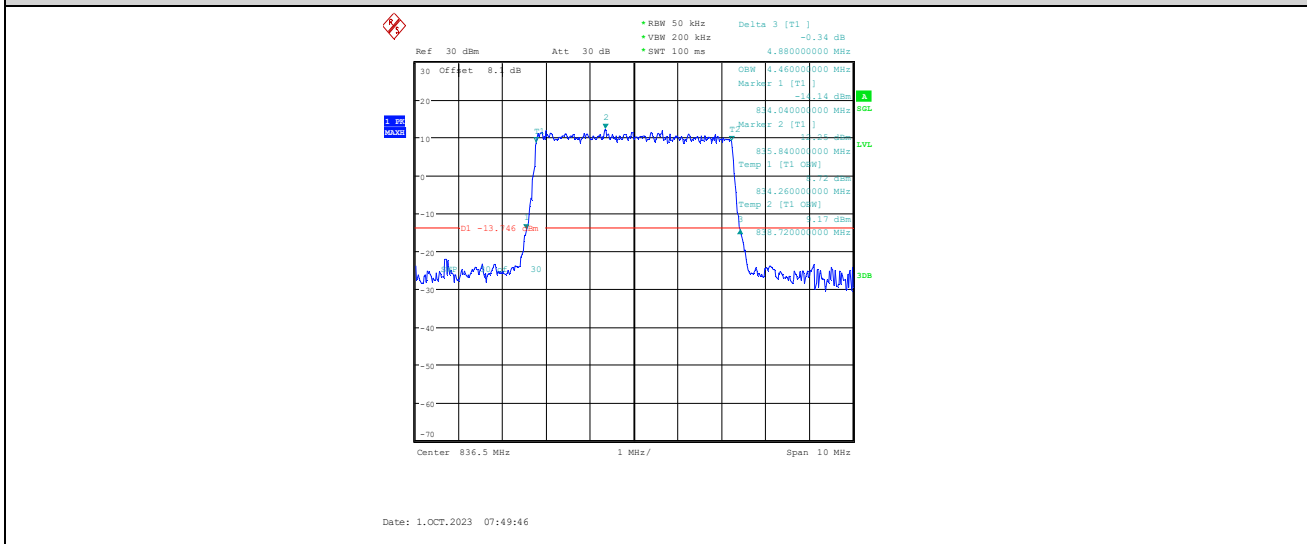
1-N5-PC3-15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.5-4.840-≤5-PASS



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1-N5-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.48-4.820-≤5-PASS

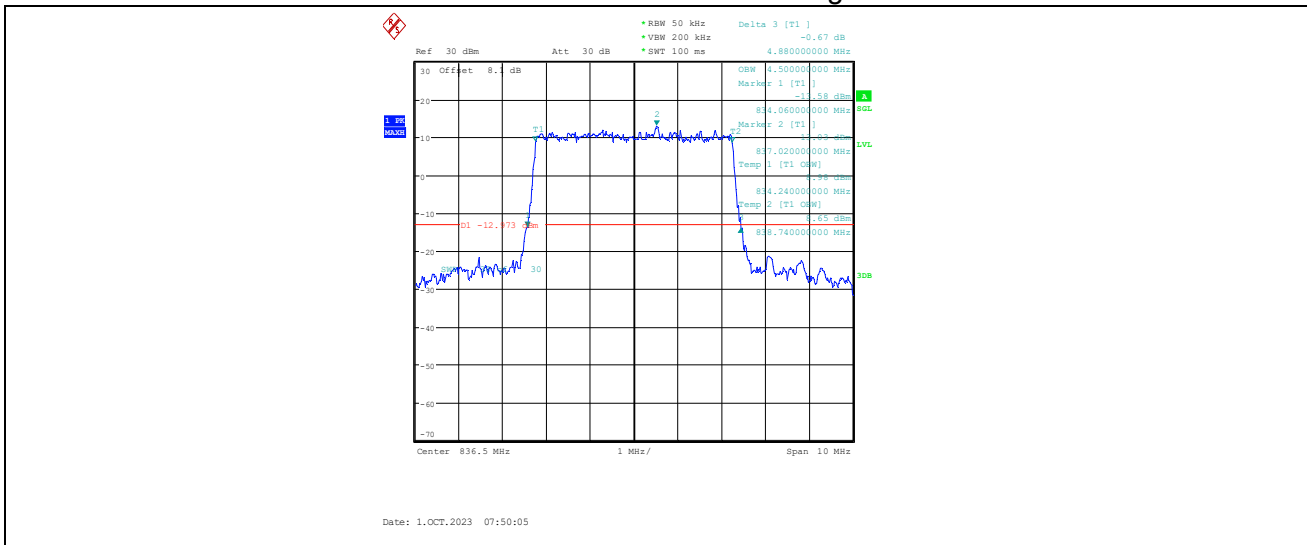


1-N5-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.46-4.880-≤5-PASS

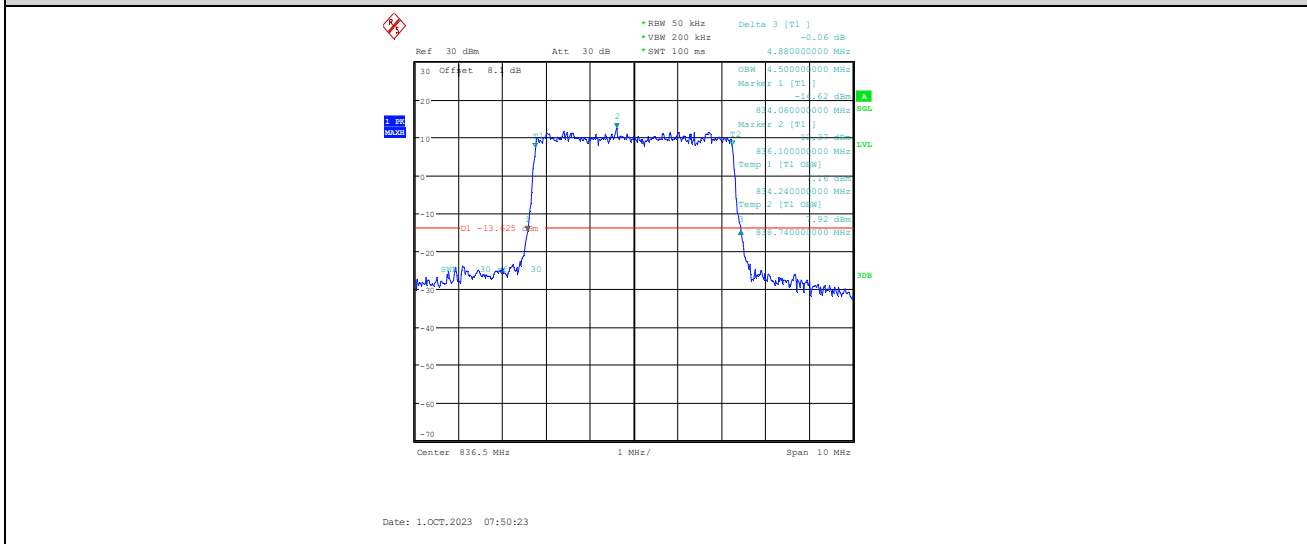


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1-N5-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.5-4.880-≤5-PASS



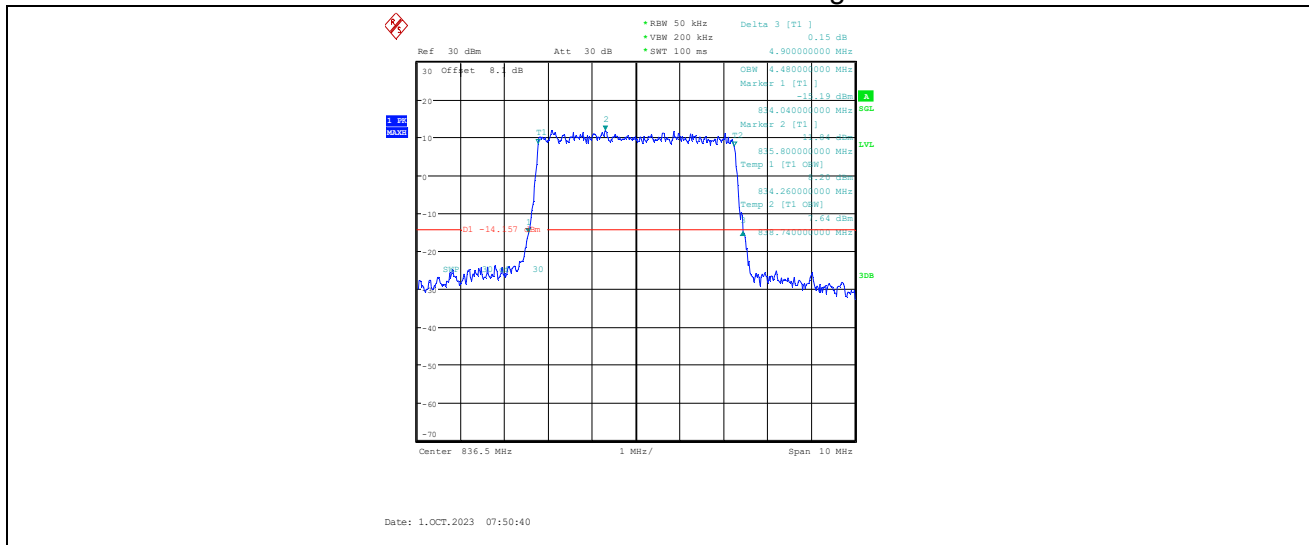
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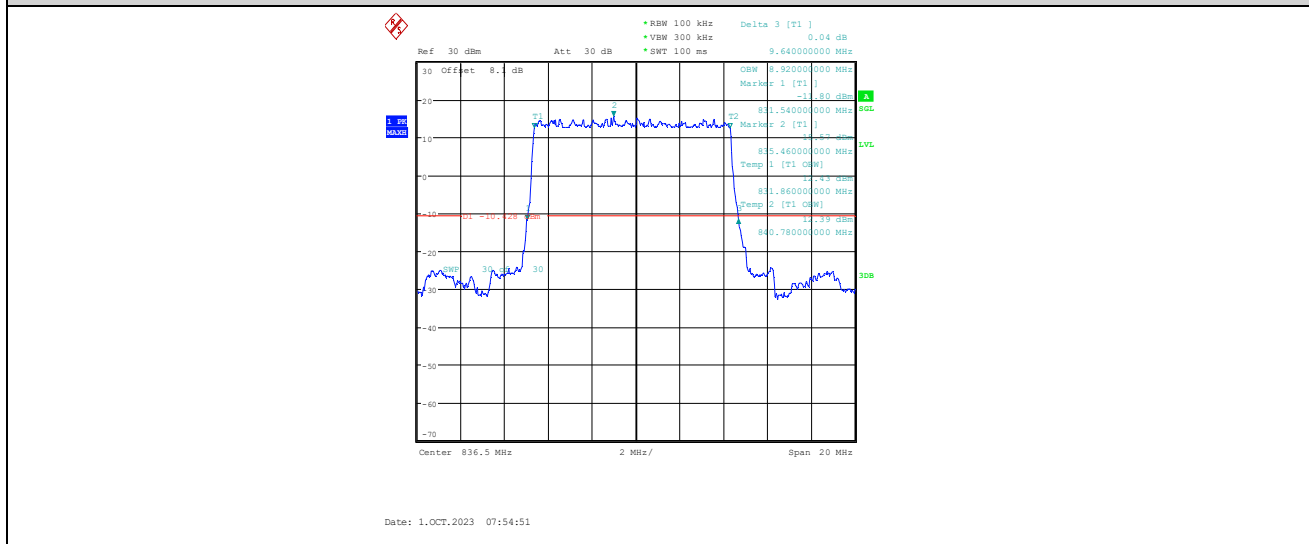
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 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086 t (86-29) 6282 7885 sgs.china@sgs.com



1-N5-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1-4.48-4.900-≤5-PASS



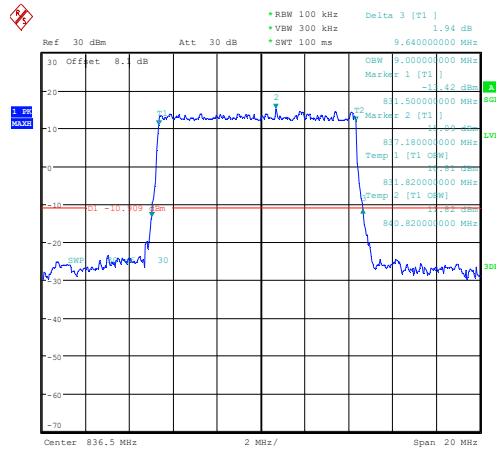
1-N5-PC3-15-10-M-1-DFT-PI2BPSK-Outer_Full-50@0-Ant1-8.92-9.640-≤10-PASS



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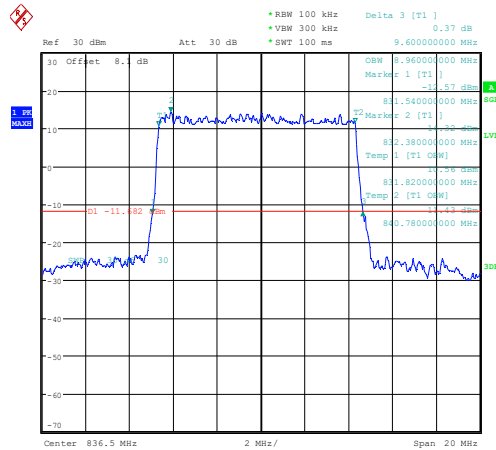
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 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086 t (86-29) 6282 7885 sgs.china@sgs.com



Date: 1.OCT.2023 07:55:11

1-N5-PC3-15-10-M-2-DFT-QPSK-Outer_Full-50@0-Ant1-9-9.640-≤10-PASS



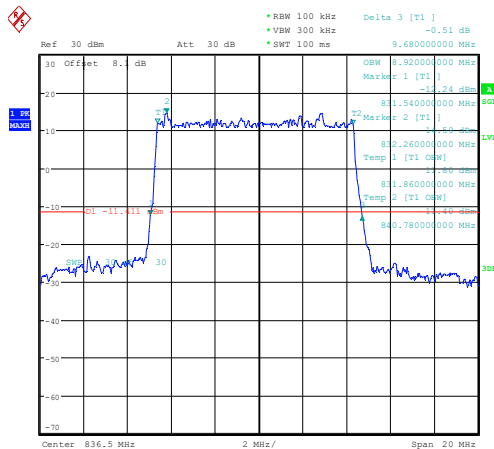
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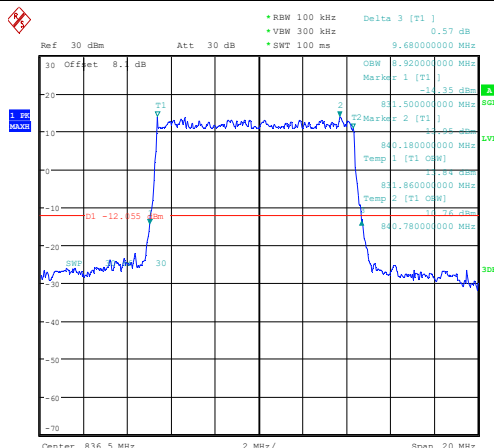
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Date: 1.OCT.2023 07:55:51

1-N5-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.92-9.680-≤10-PASS



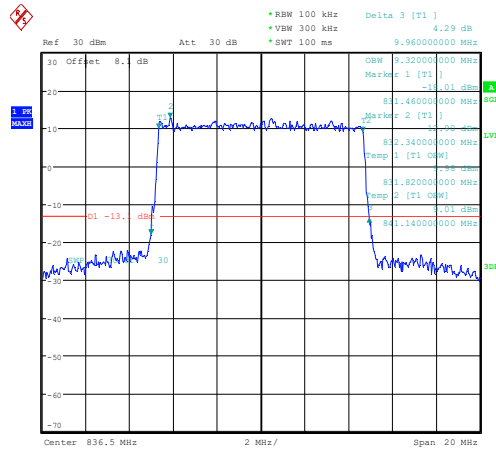
Date: 1.OCT.2023 07:56:10

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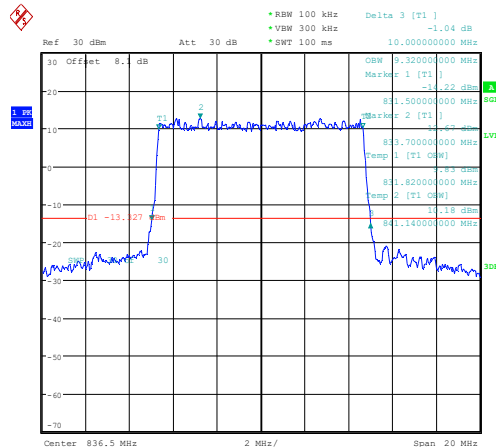
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Date: 1.OCT.2023 07:57:33

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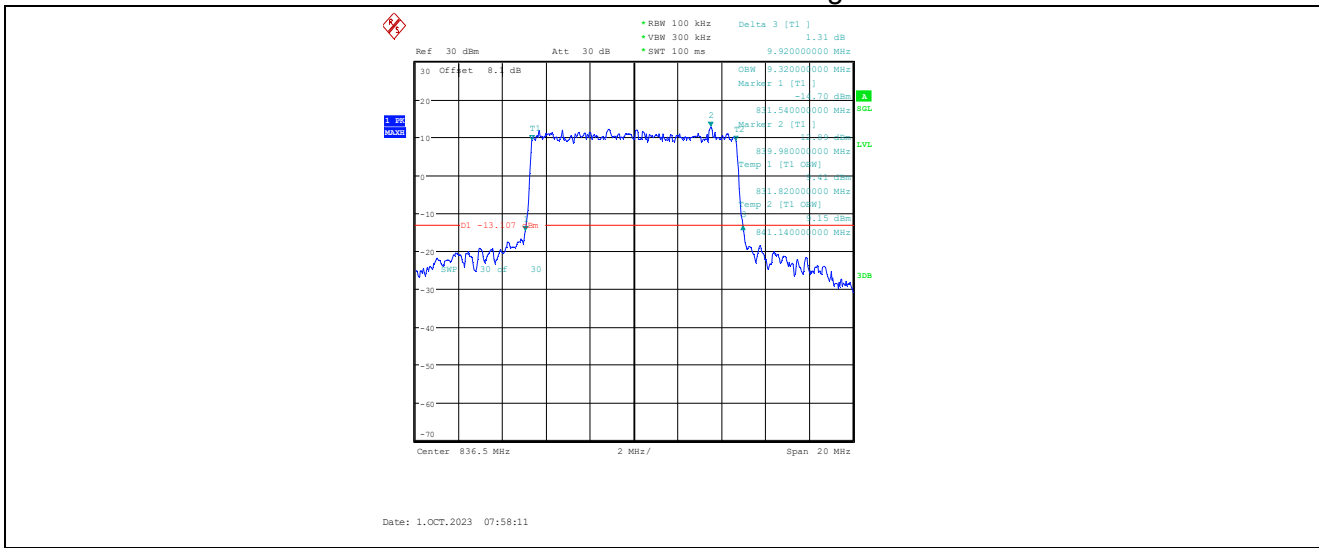


Date: 1.OCT.2023 07:57:52

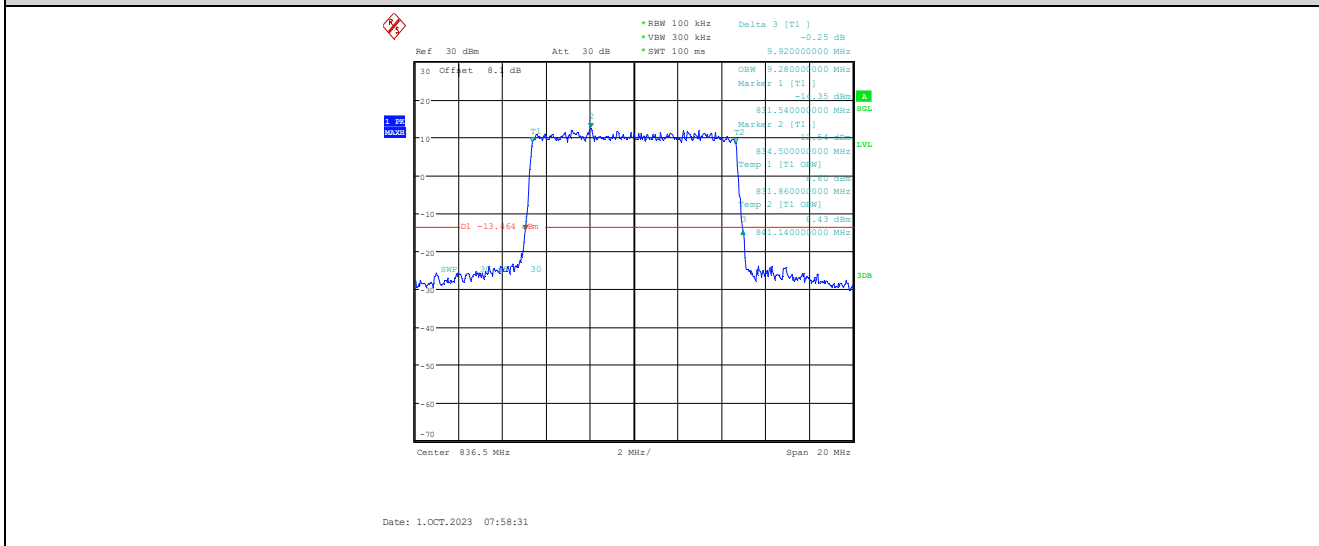
1-N5-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.32-10.000-≤10-PASS



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1-N5-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.32-9.920-≤10-PASS



1-N5-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1-9.28-9.920-≤10-PASS

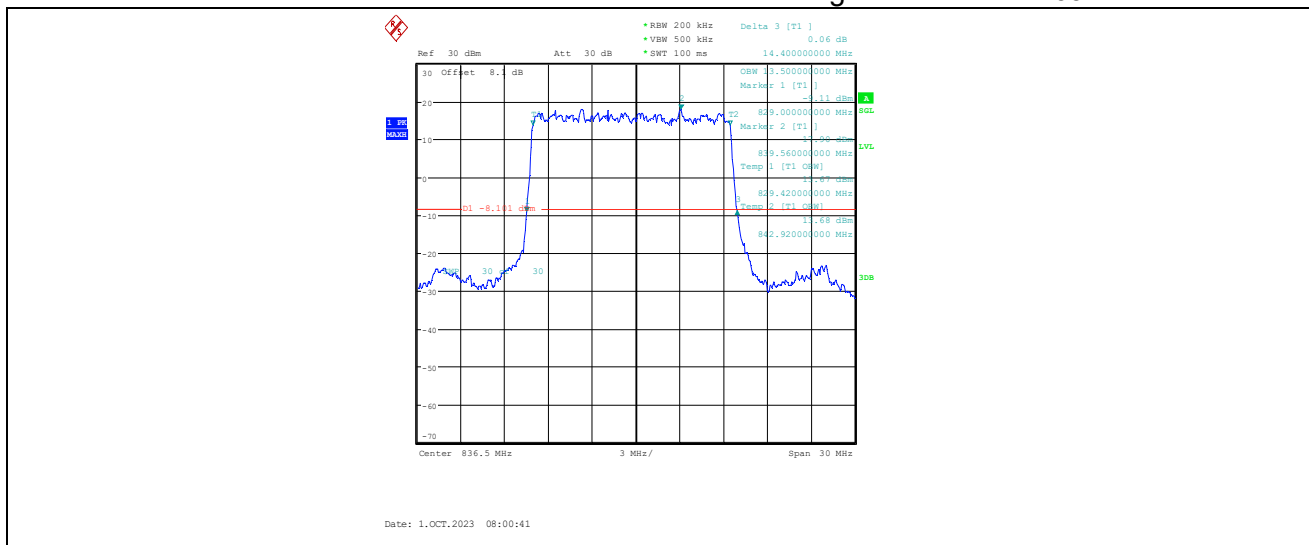


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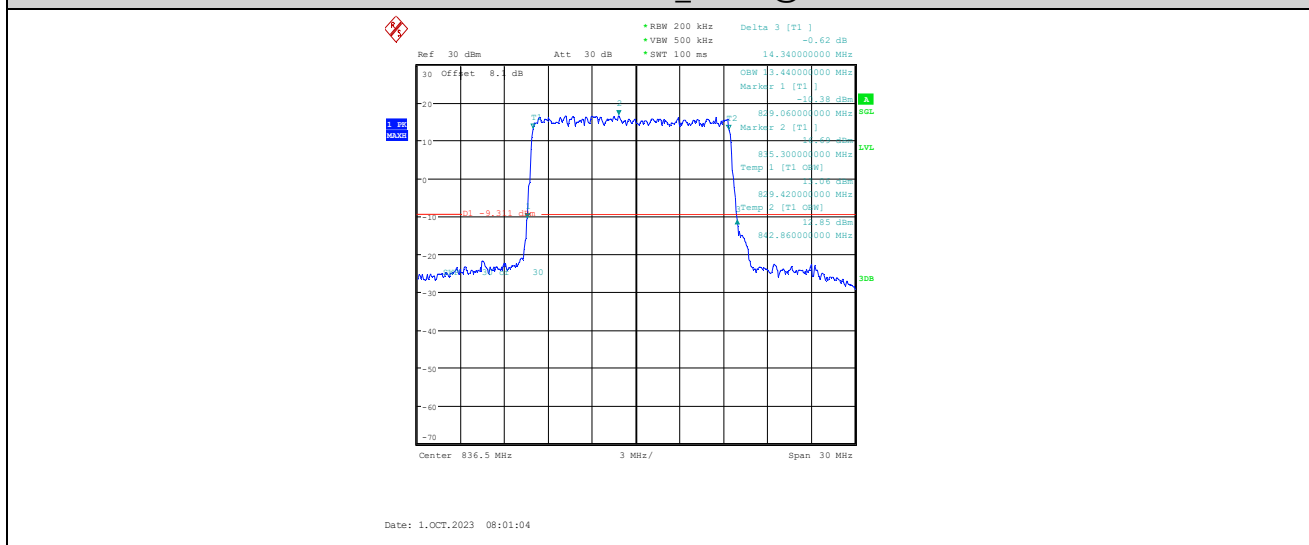
Report No.: XEWM2309000451RG02

Rev.: 01

Page: 22 of 69



1-N5-PC3-15-15-M-1-DFT-PI2BPSK-Outer_Full-75@0-Ant1-13.5-14.400-≤15-PASS

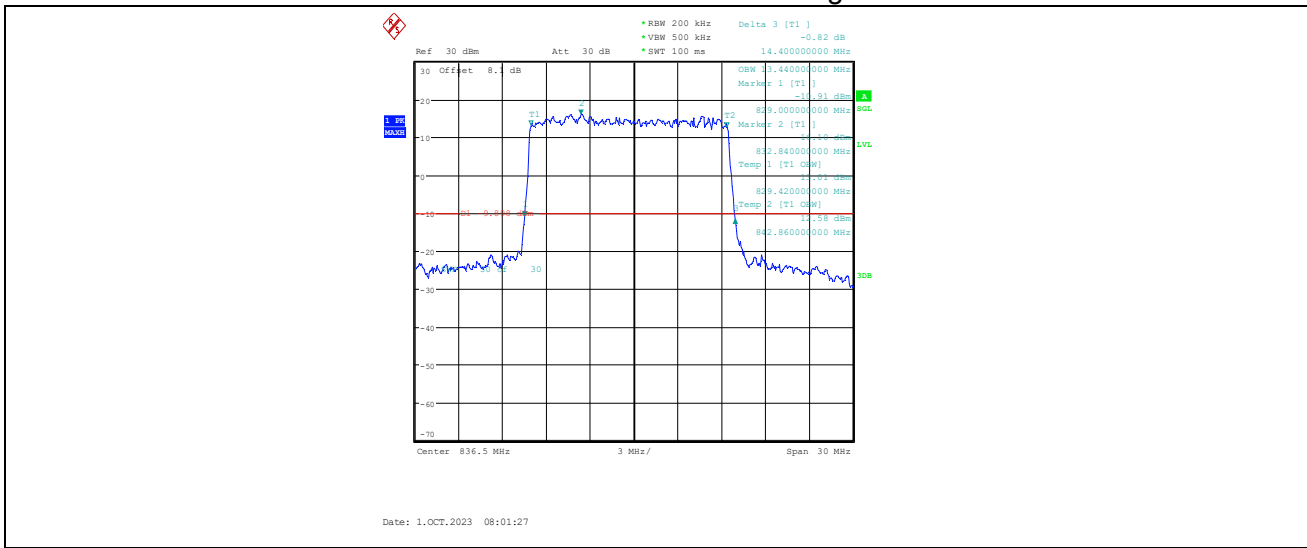


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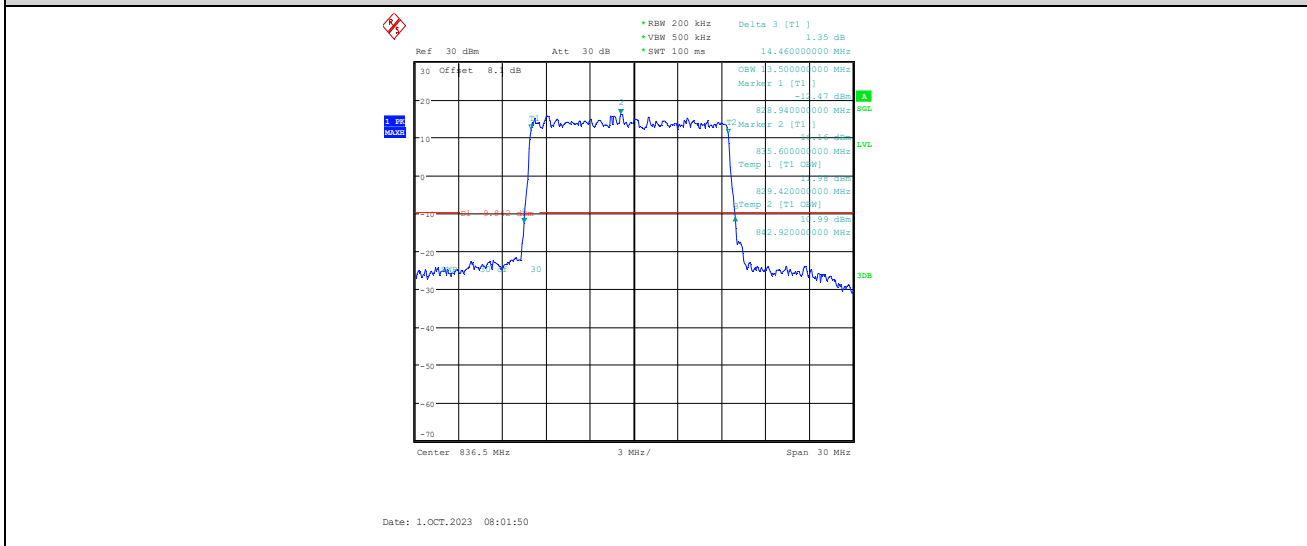


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1-N5-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant1-13.44-14.400-≤15-PASS

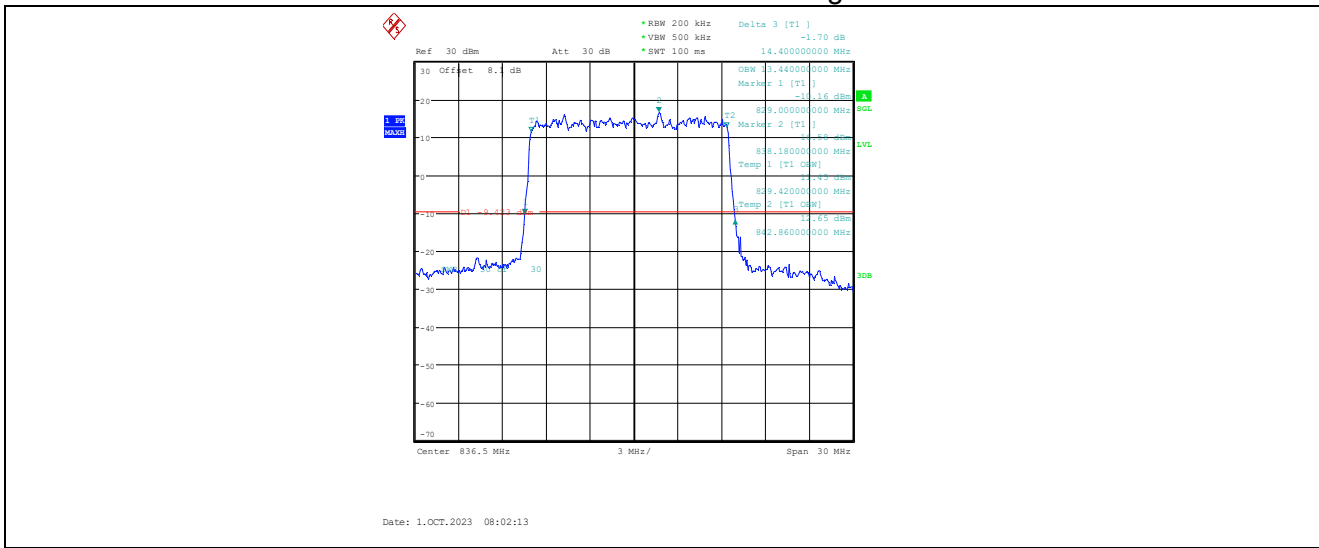


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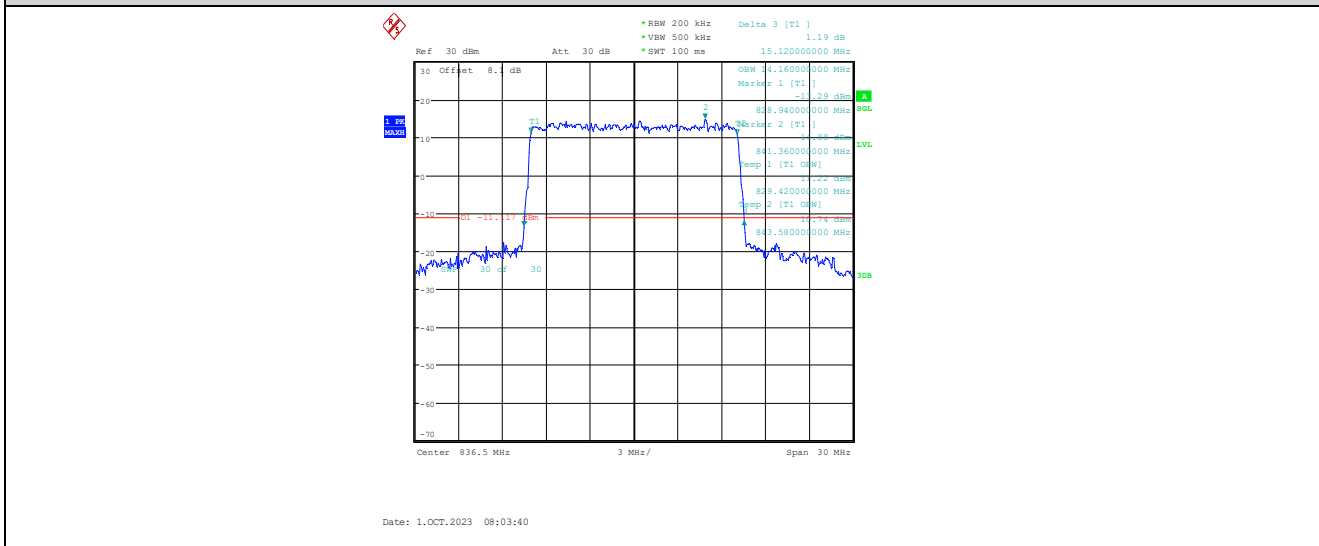


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1-N5-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant1-13.44-14.400-≤15-PASS

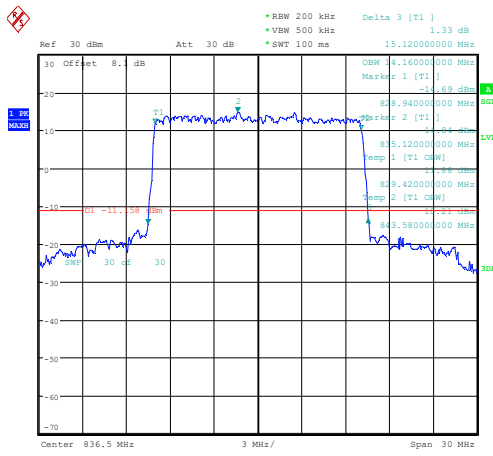


1-N5-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1-14.16-15.120-≤15-PASS



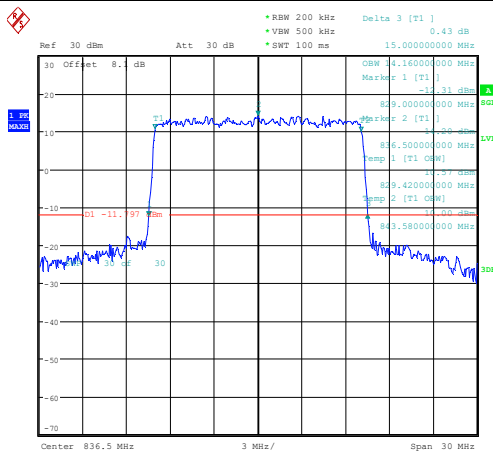
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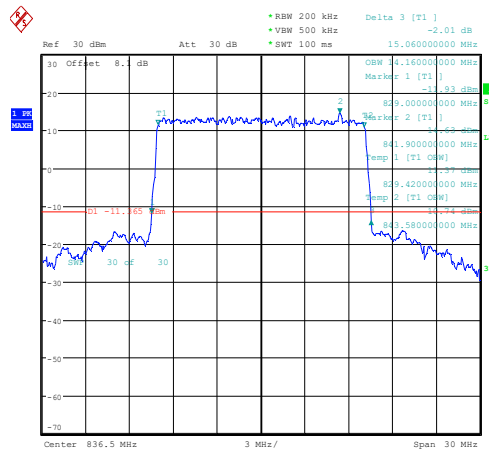


Date: 1.OCT.2023 08:04:27

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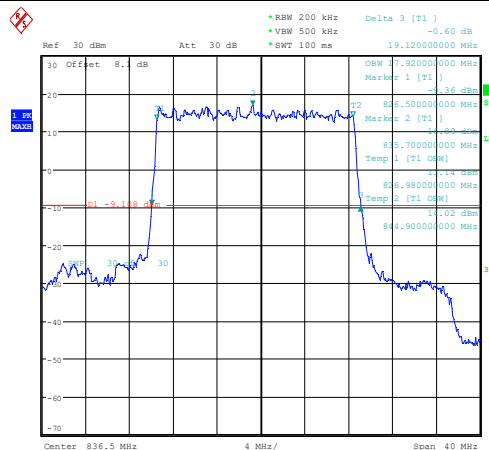


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Date: 1.OCT.2023 08:14:09

1-N5-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant1-14.16-15.060-≤ 15-PASS

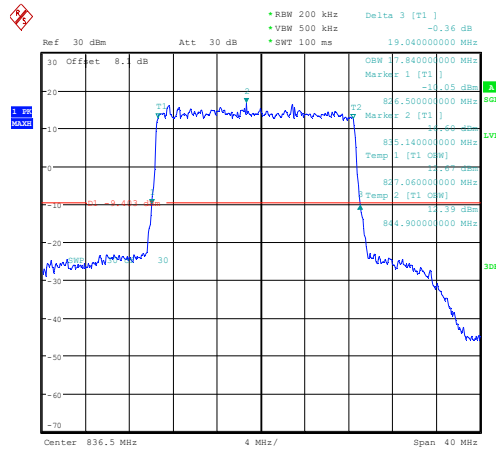


Date: 1.OCT.2023 08:06:19

1-N5-PC3-15-20-M-1-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.92-19.120-≤ 20-PASS

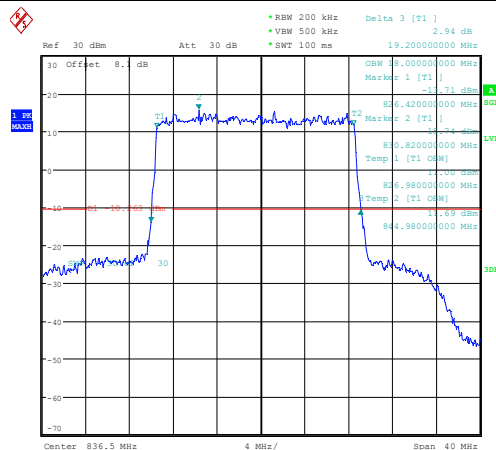


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Date: 1.OCT.2023 08:06:43

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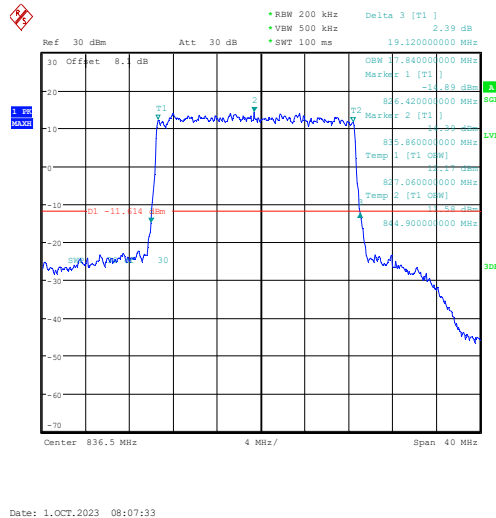


Date: 1.OCT.2023 08:07:08

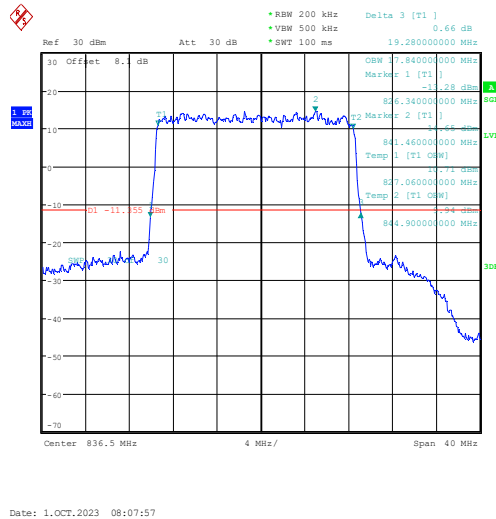
1-N5-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant1-18-19.200-≤20-PASS



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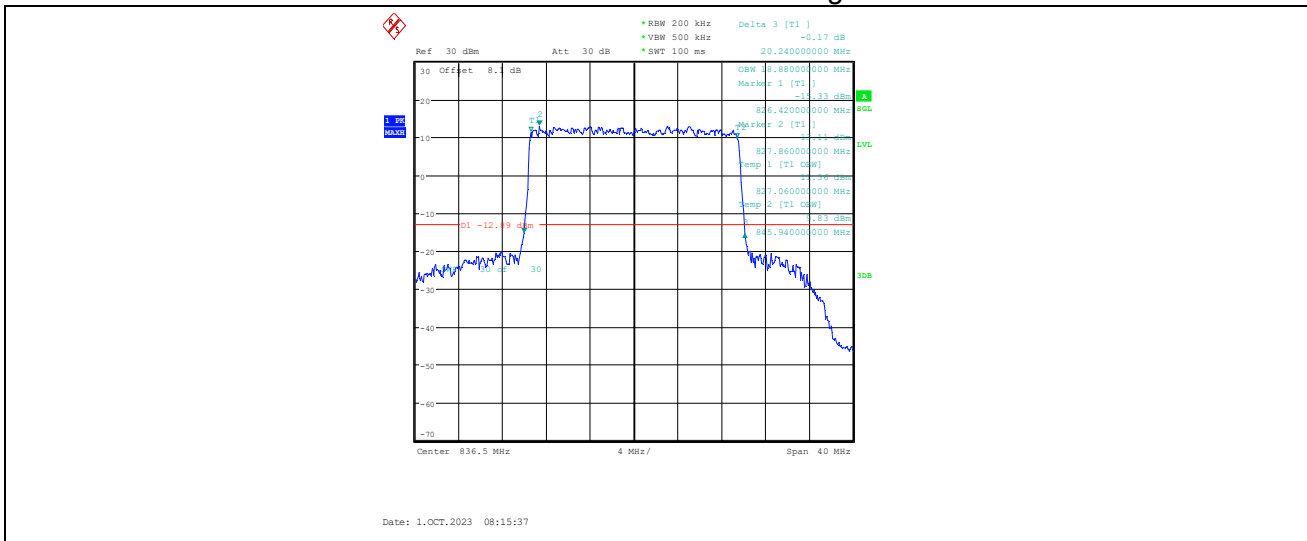
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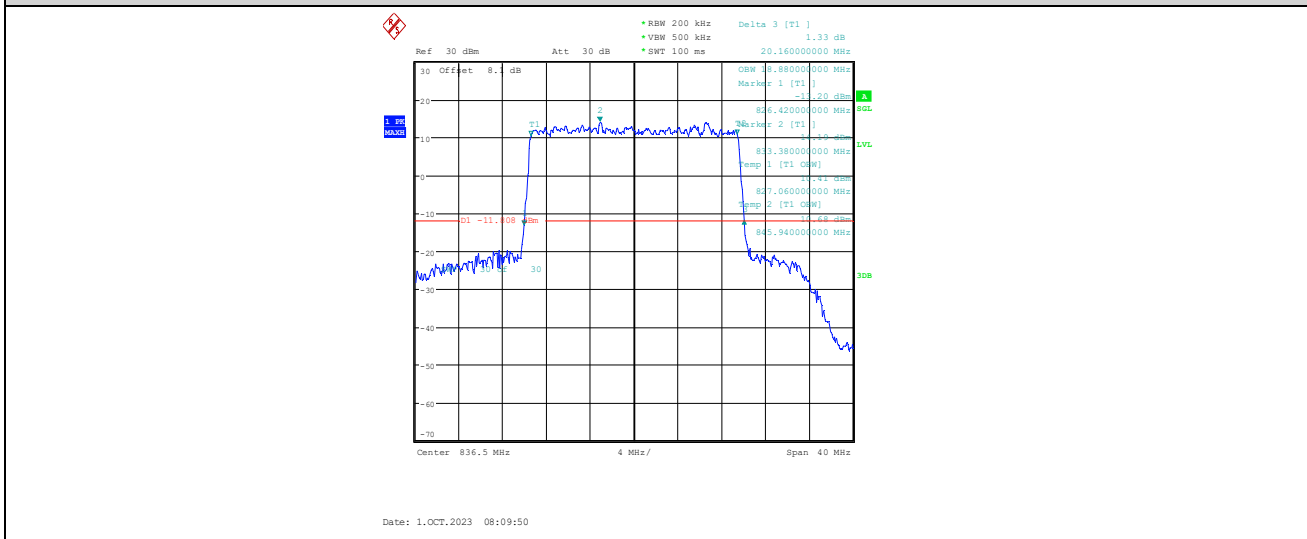
1-N5-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.84-19.280-≤20-PASS



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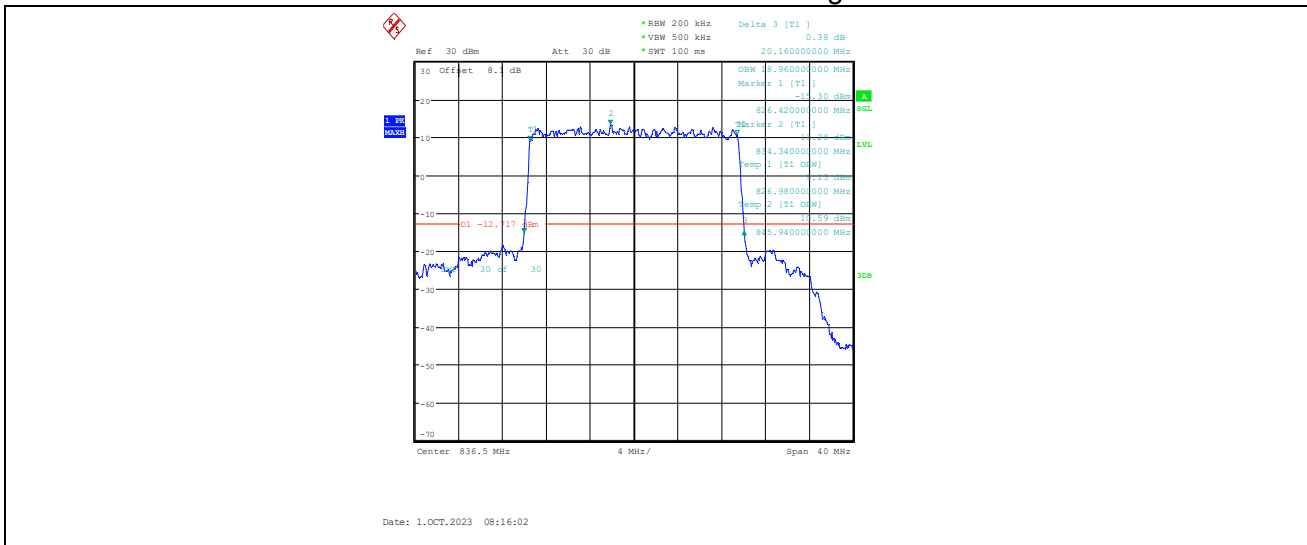


1-N5-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant1-18.88-20.160-≤20-PASS

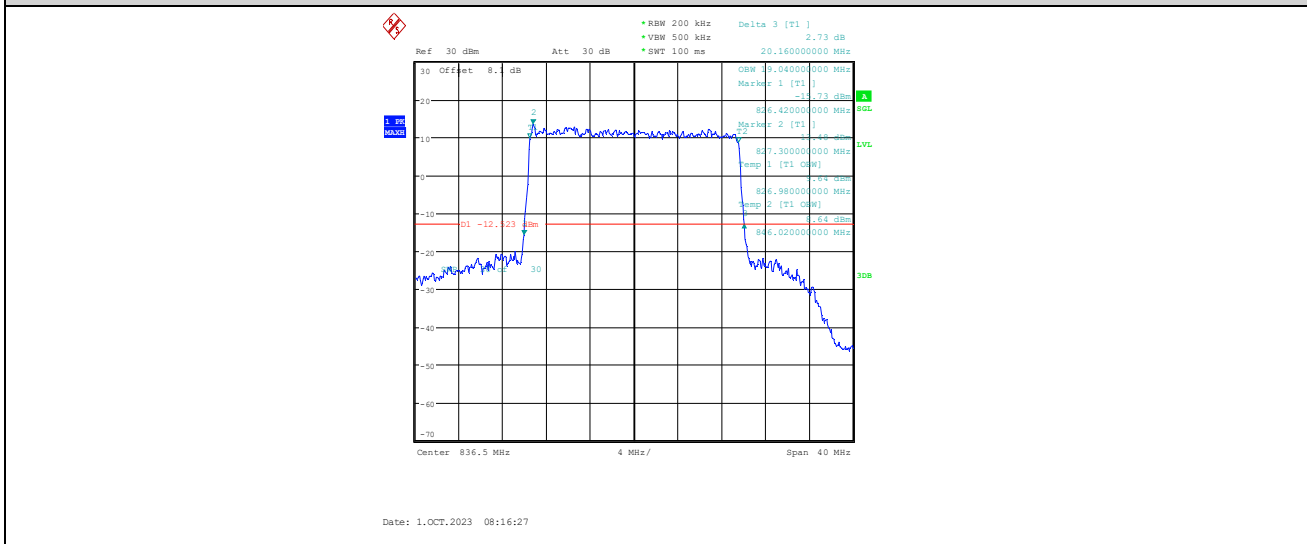


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1-N5-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0-Ant1-18.96-20.160-<=20-PASS



1-N5-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@0-Ant1-19.04-20.160-<=20-PASS

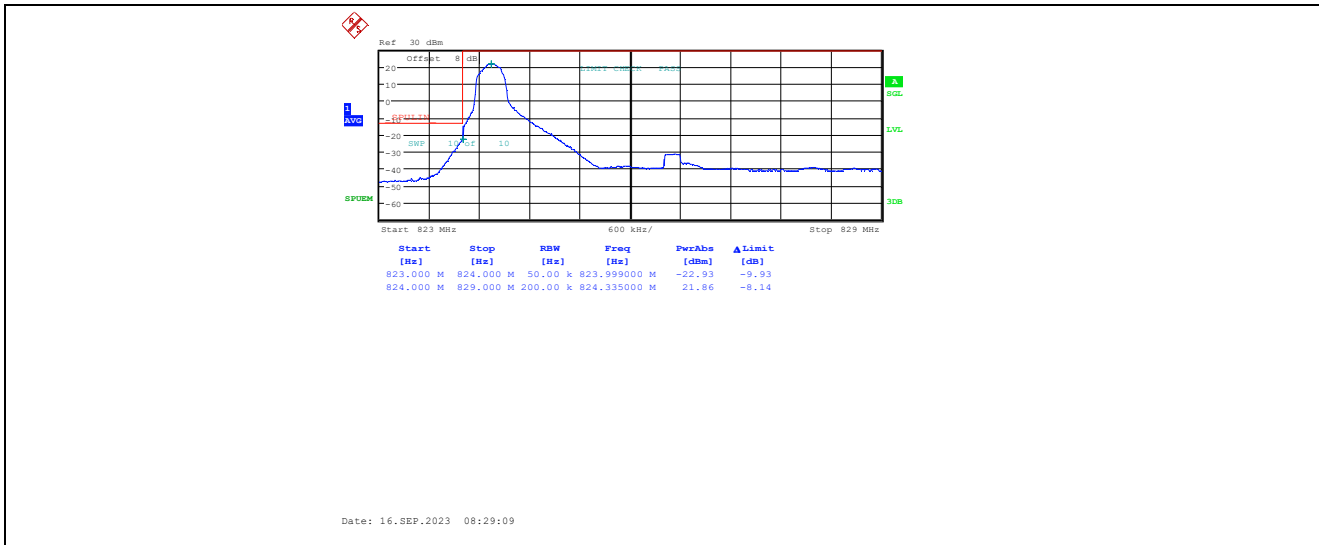


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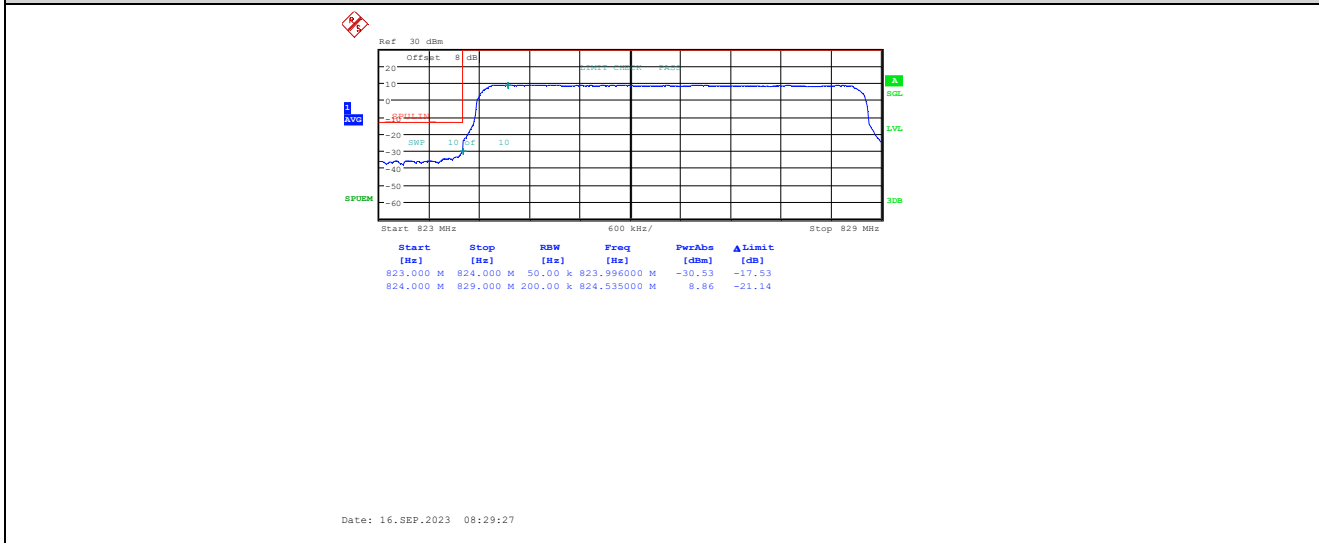
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Band Edge for SA

Test Graphs



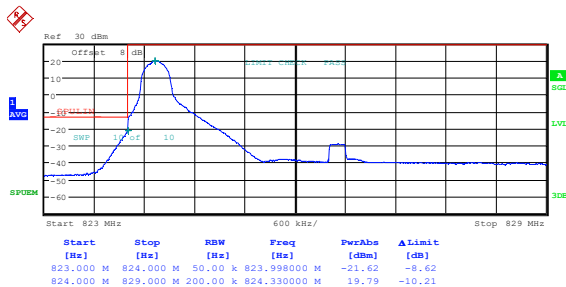
1-N5-PC3-15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS



1-N5-PC3-15-5-L-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-PASS

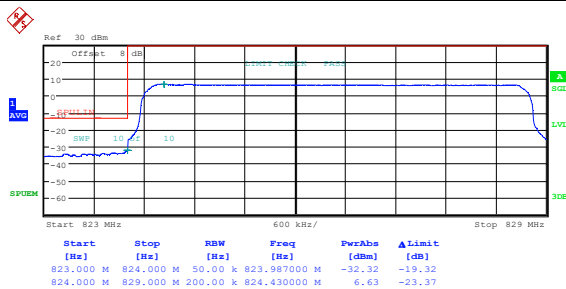


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Date: 16.SEP.2023 08:30:46

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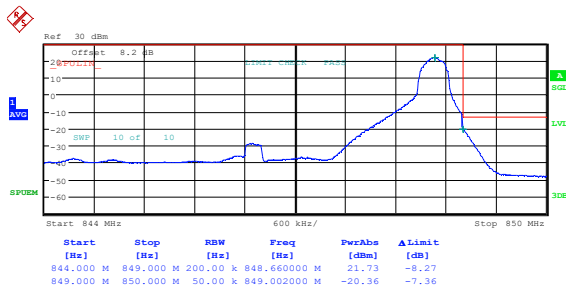
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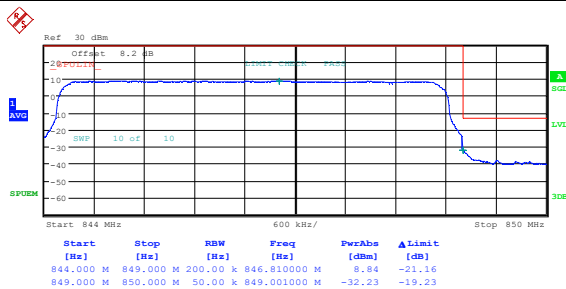
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Date: 16.SEP.2023 08:32:58

1-N5-PC3-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@24-Ant1-PASS



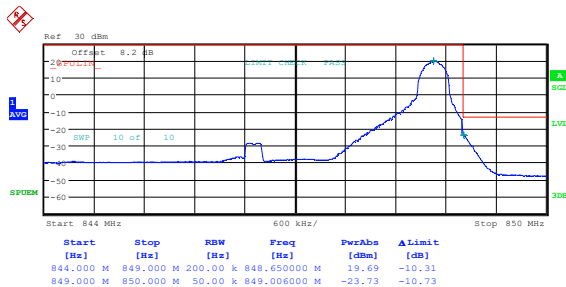
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1-N5-PC3-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-PASS



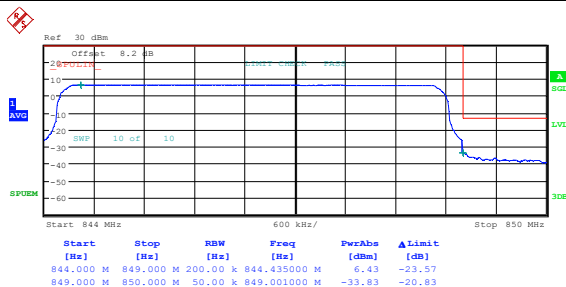
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Date: 16.SEP.2023 08:34:34

1-N5-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant1-PASS

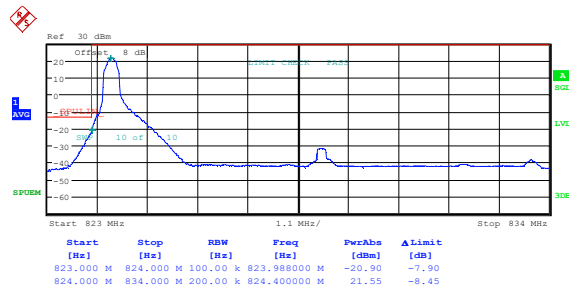


Date: 16.SEP.2023 08:34:50

1-N5-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-Ant1-PASS

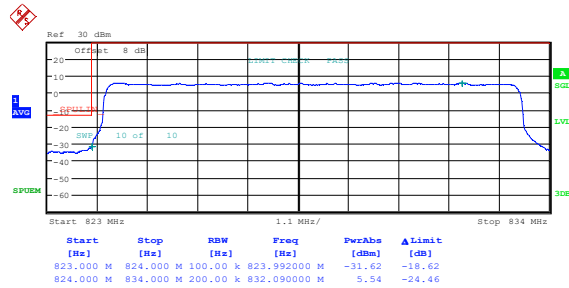


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Date: 16.SEP.2023 08:36:34

1-N5-PC3-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS



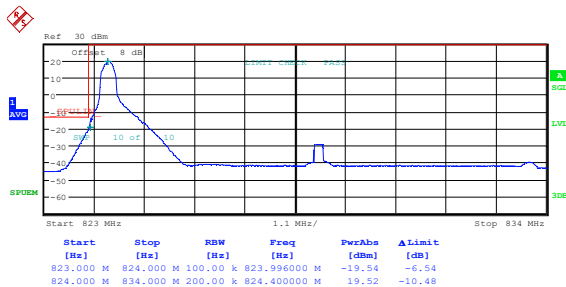
Date: 16.SEP.2023 08:36:50

1-N5-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-PASS



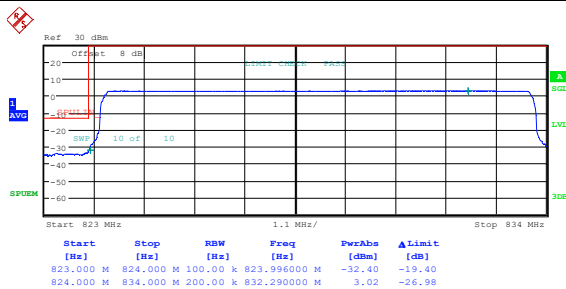
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Date: 16.SEP.2023 08:38:10

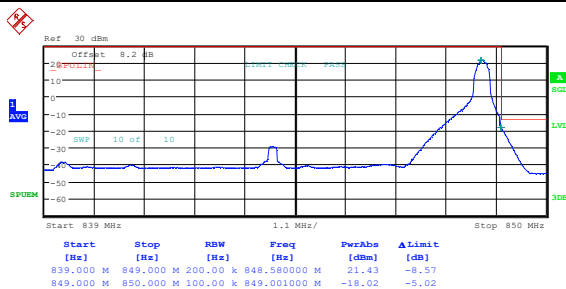
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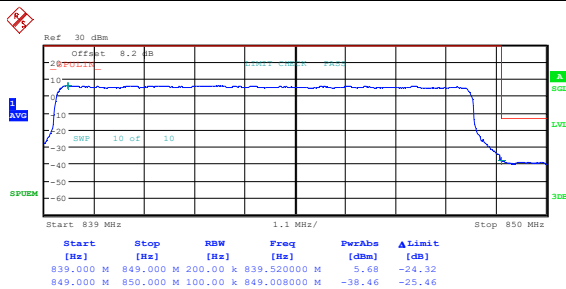
1-N5-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-PASS





Date: 16.SEP.2023 08:40:10

1-N5-PC3-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant1-PASS



Date: 16.SEP.2023 08:40:26

1-N5-PC3-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-PASS



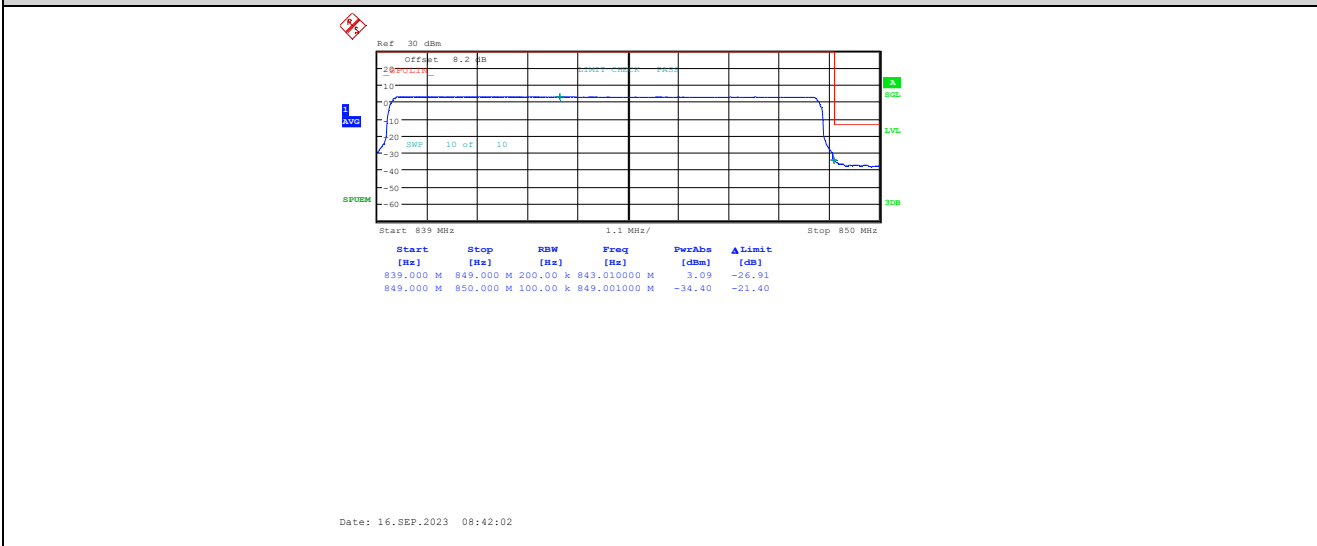
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1-N5-PC3-15-10-H-5-CP-QPSK-Edge_1RB_Right-1@51-Ant1-PASS

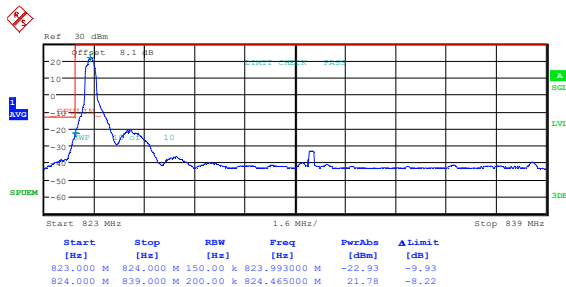


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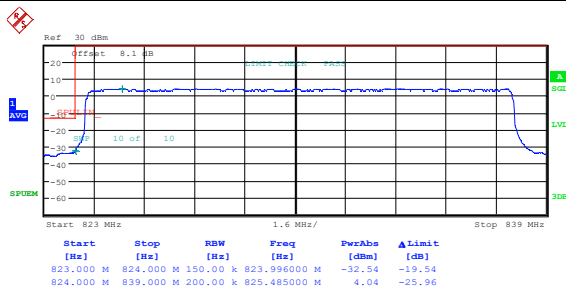
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Date: 16.SEP.2023 08:43:58

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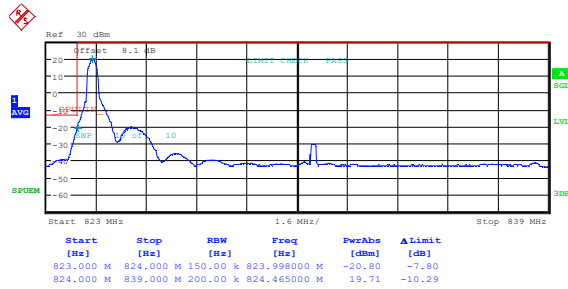
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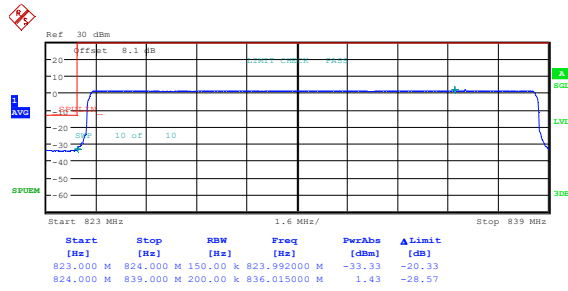
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Date: 16.SEP.2023 08:45:33

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Date: 16.SEP.2023 08:45:49

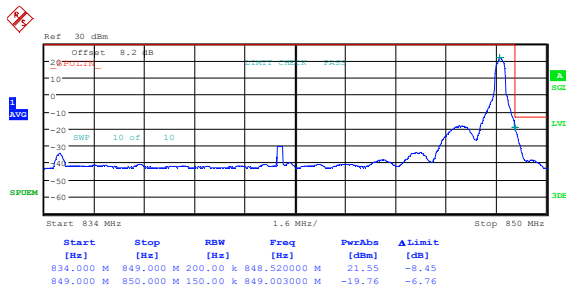
1-N5-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-PASS



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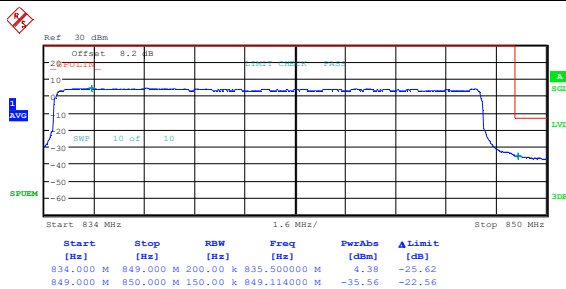
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Date: 16.SEP.2023 08:47:51

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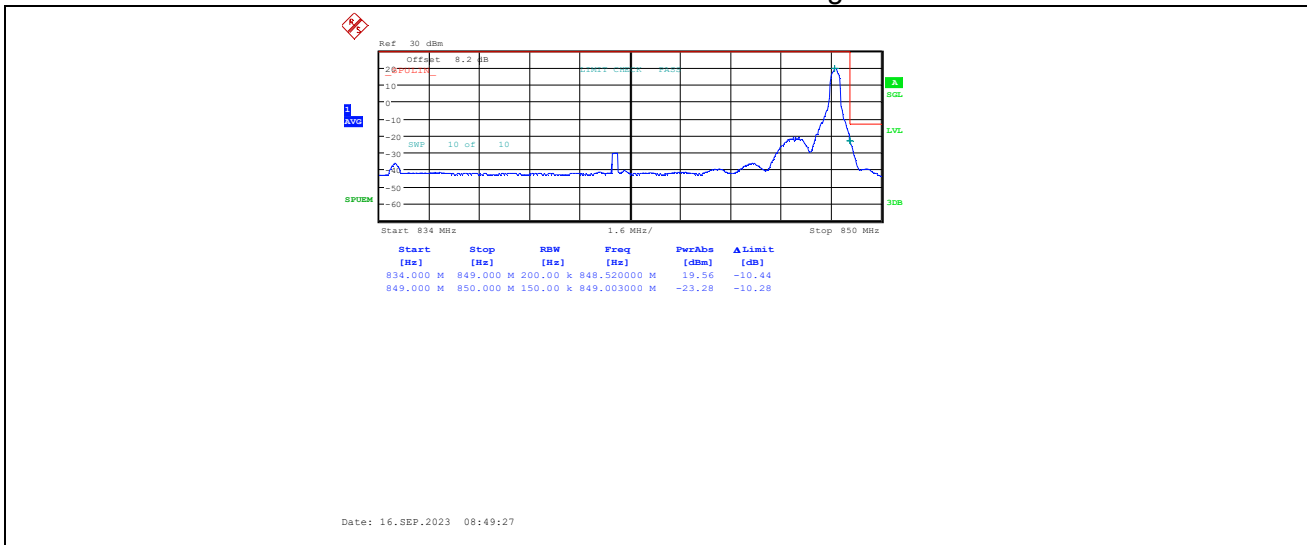


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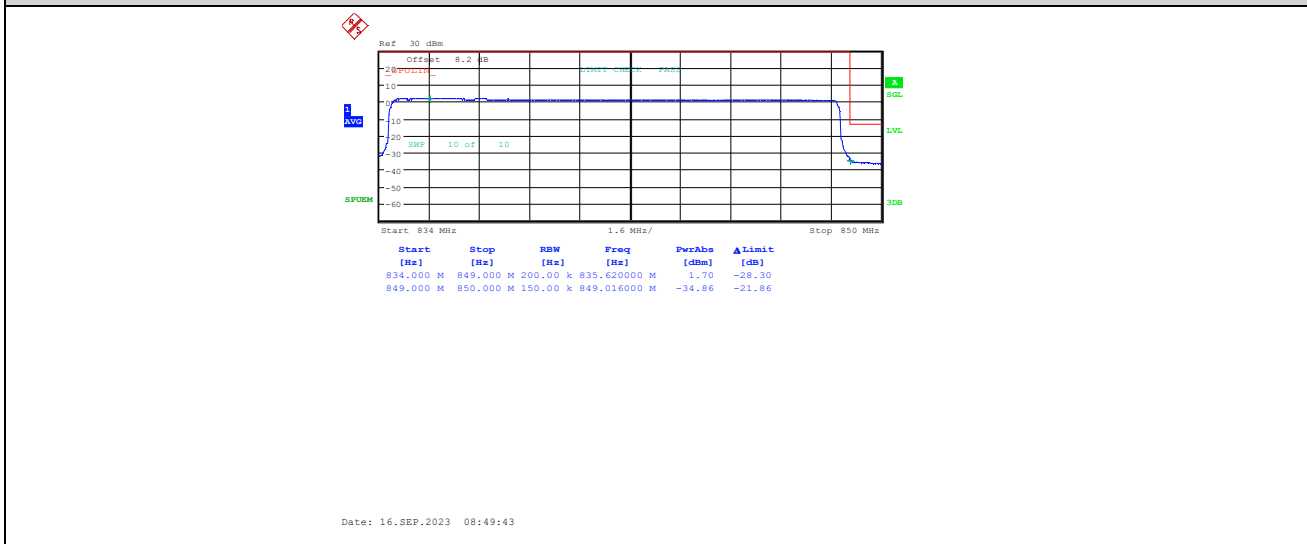
1-N5-PC3-15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-PASS



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1-N5-PC3-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant1-PASS



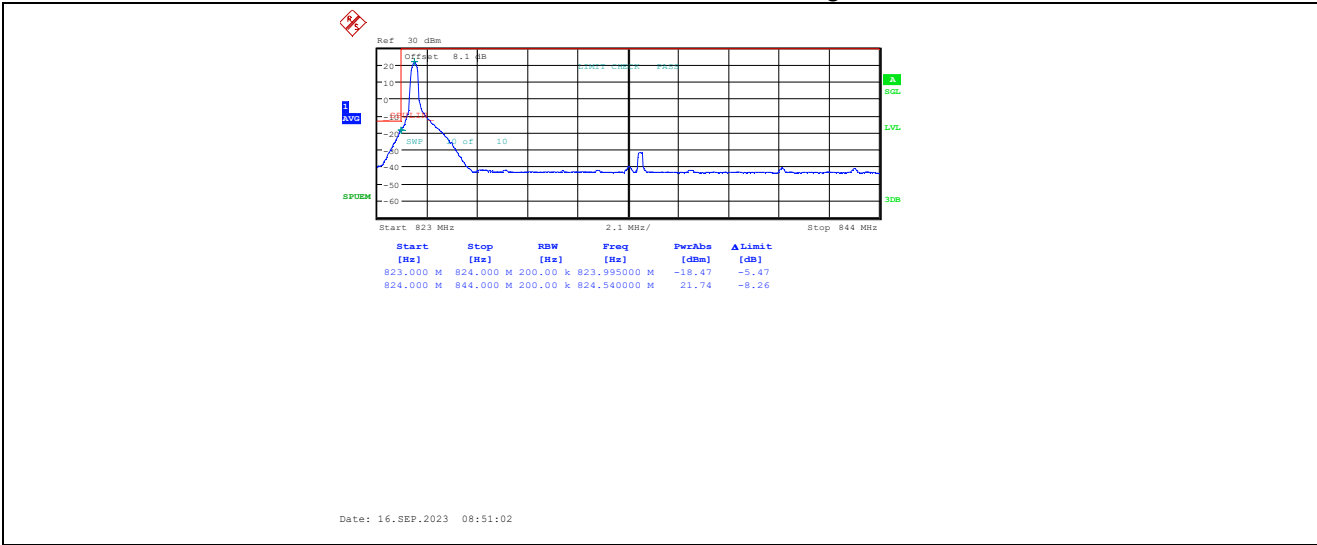
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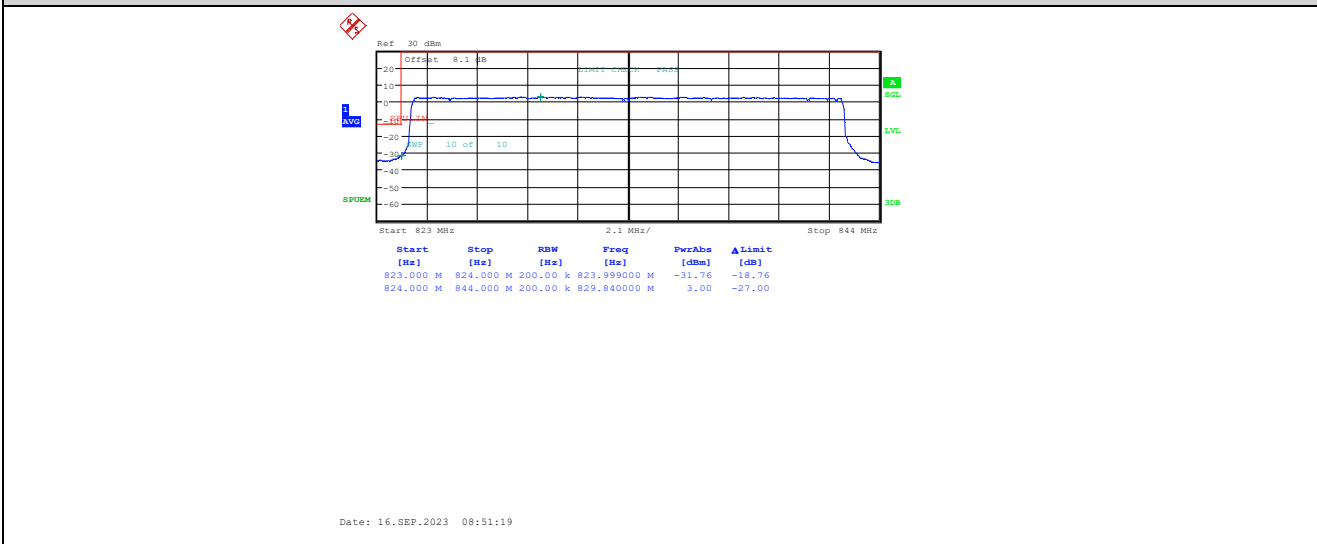
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1-N5-PC3-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-PASS

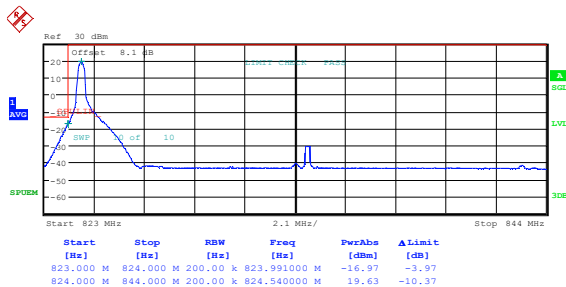


1-N5-PC3-15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-PASS



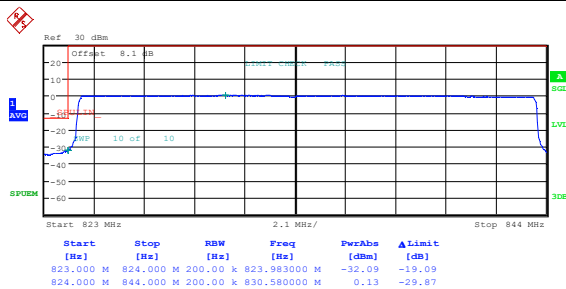
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Date: 16.SEP.2023 08:52:38

1-N5-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-PASS



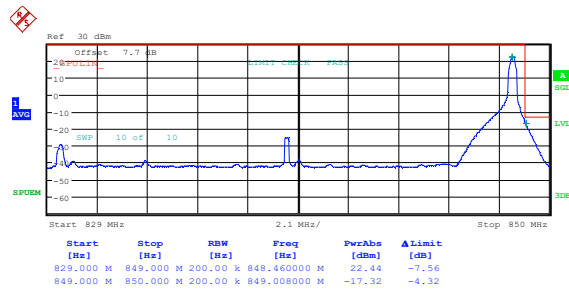
Date: 16.SEP.2023 08:52:56

1-N5-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-PASS



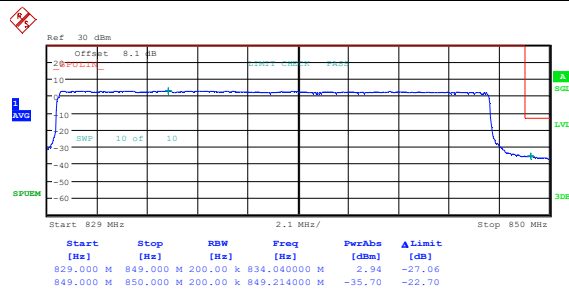
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Date: 12.OCT.2023 16:14:24

1-N5-PC3-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant1-PASS



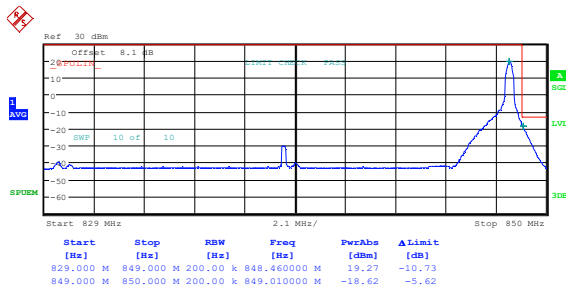
Date: 16.SEP.2023 08:54:56

1-N5-PC3-15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-PASS



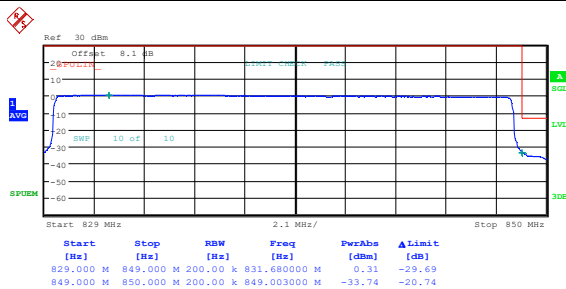
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Date: 16.SEP.2023 08:56:15

1-N5-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-PASS



Date: 16.SEP.2023 08:56:31

1-N5-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-PASS



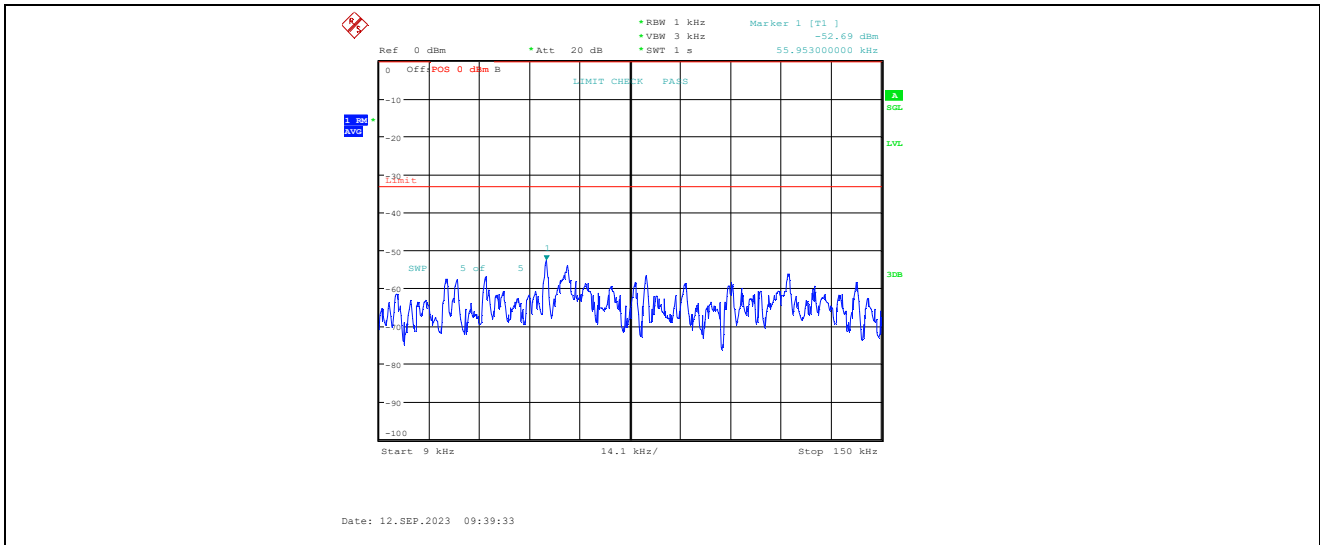
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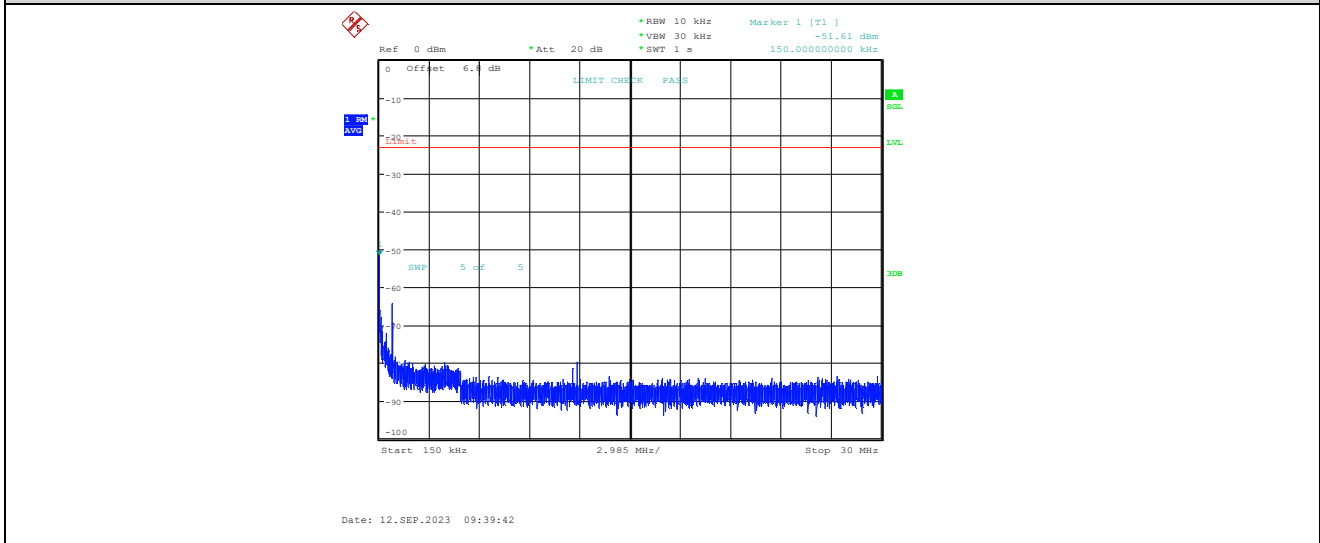
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 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 | 邮编: 710086 | t (86-29) 6282 7885 | sgs.china@sgs.com

Conducted Spurious Emission for SA

Test Graphs



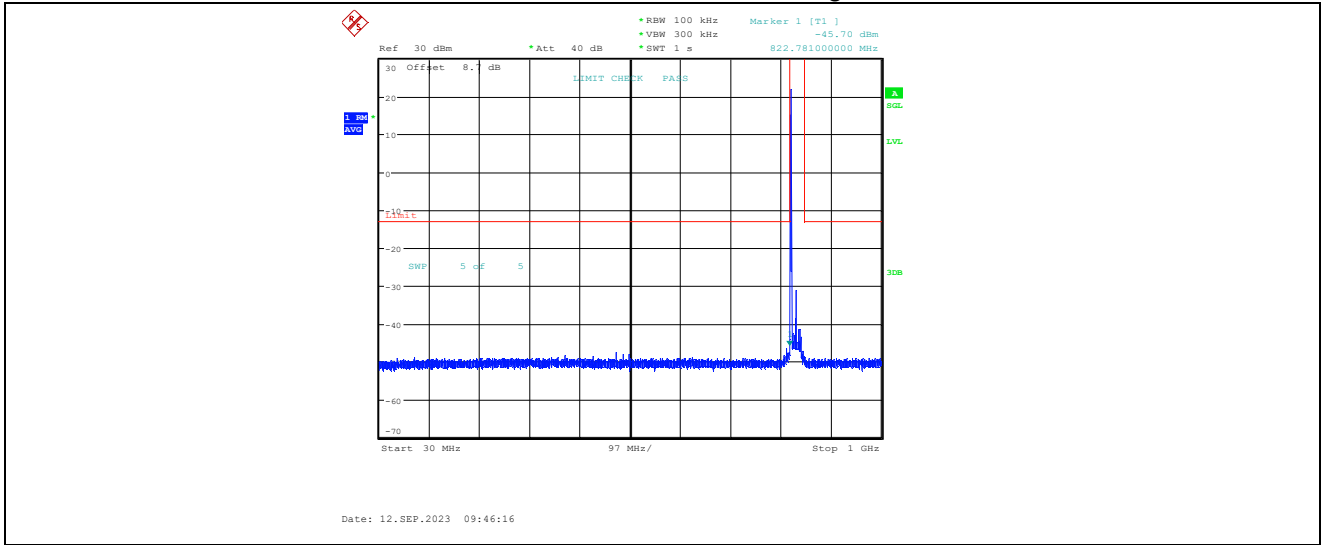
1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.06--52.69--33-PASS



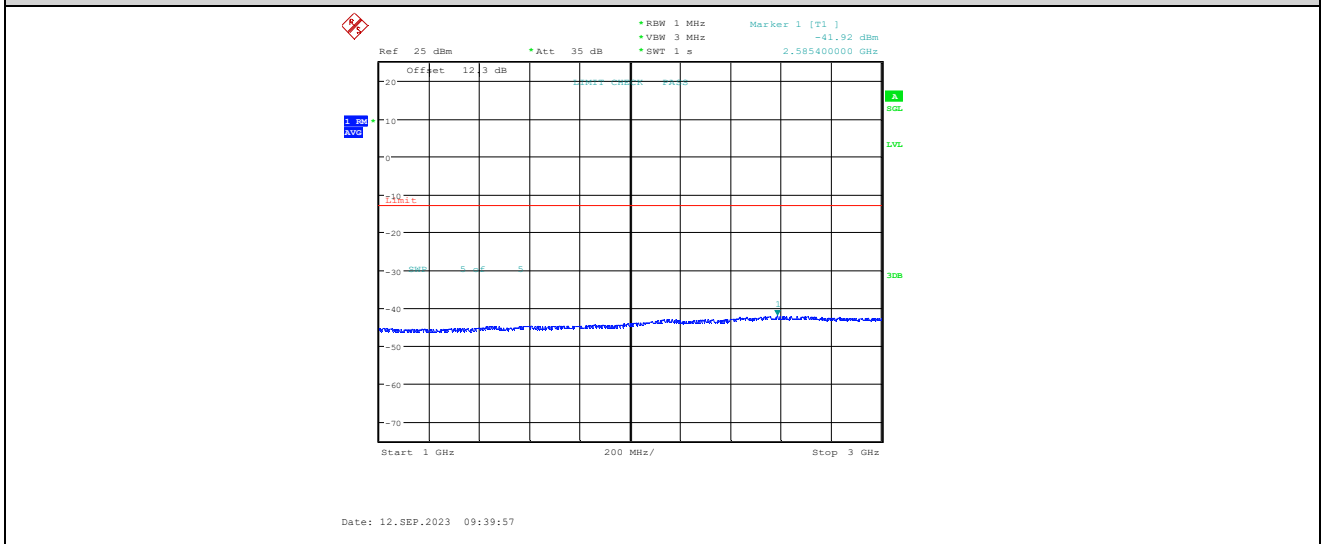
1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-0.15--51.61--23-PASS



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1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-822.88--45.70--13-PASS



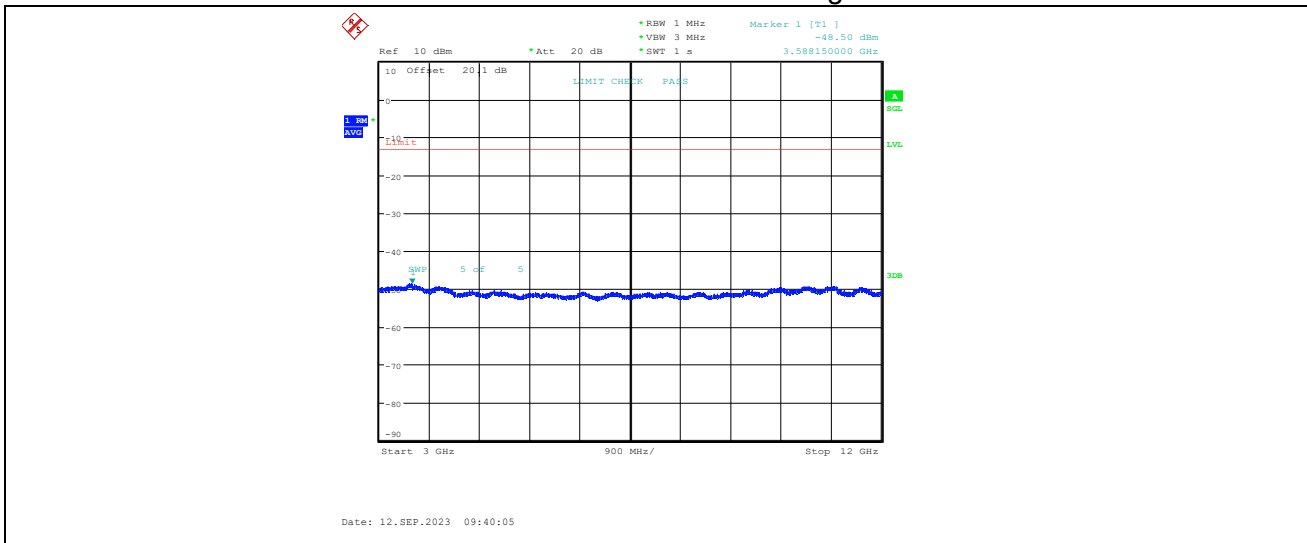
1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2585.40--41.92--13-PAS

S

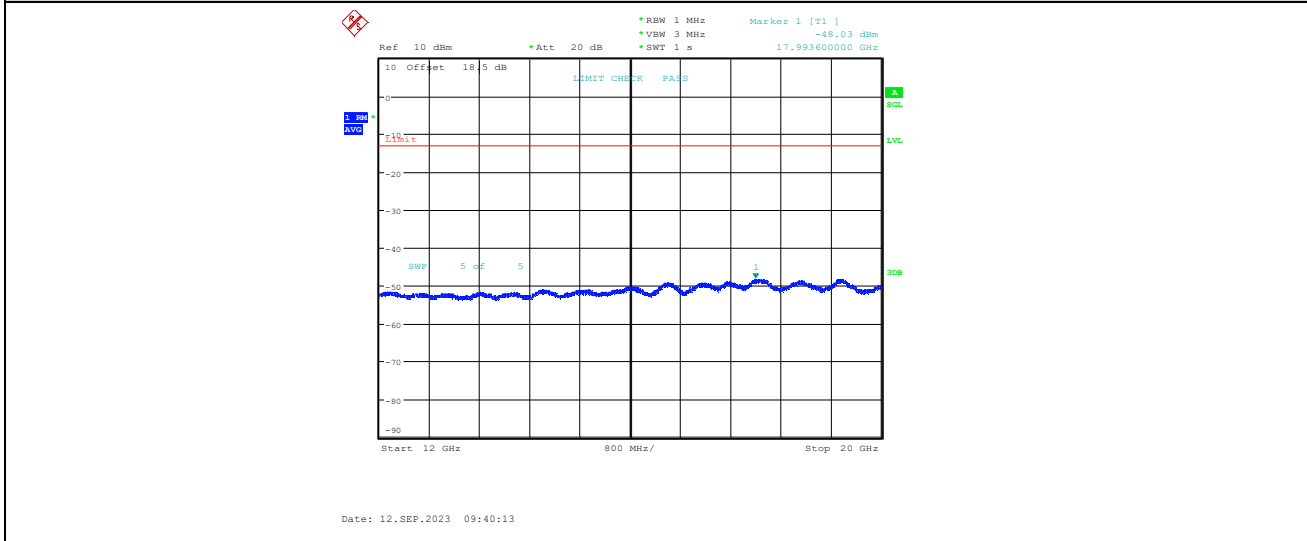


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1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-3588.15--48.50--13-PA
SS

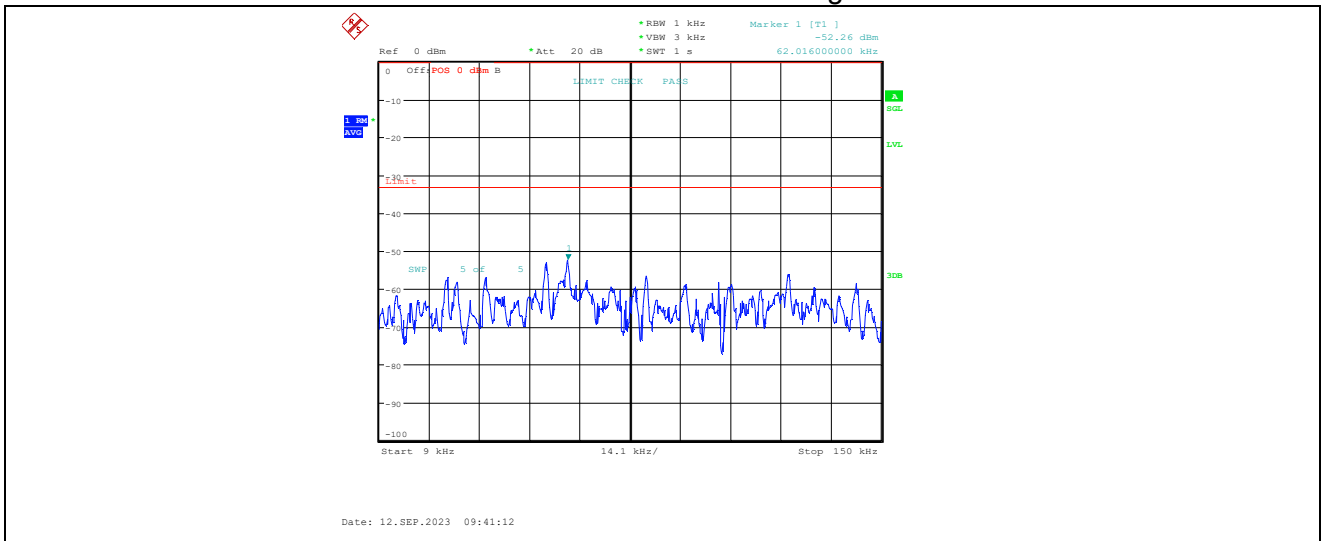


1-N5-PC3-15-20-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-17993.60--48.03--13-P
ASS

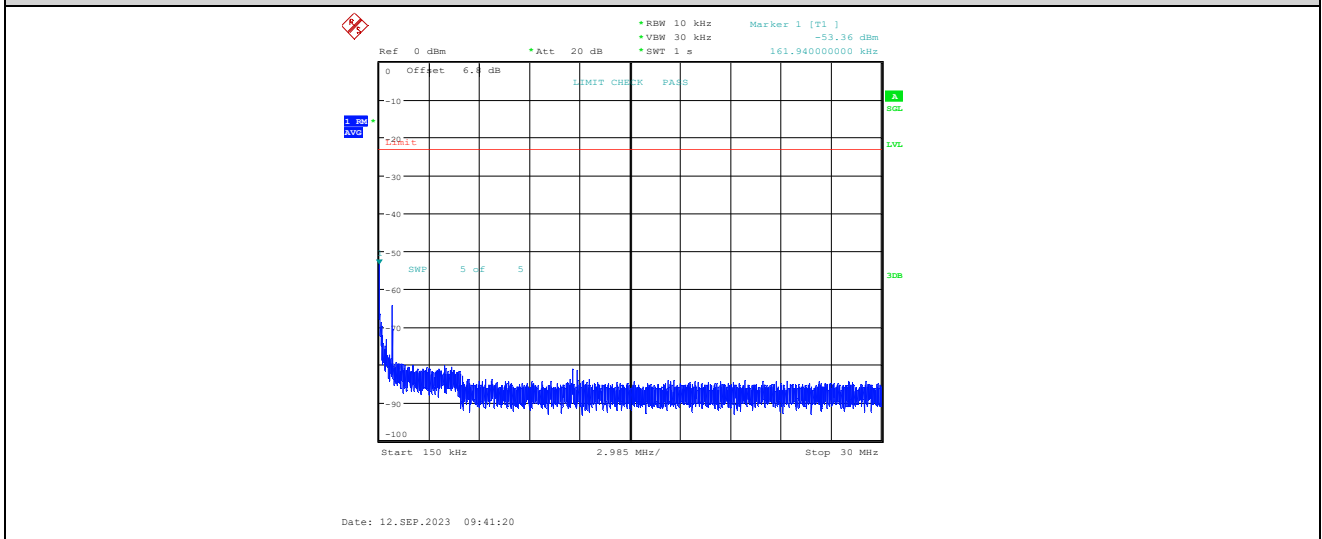


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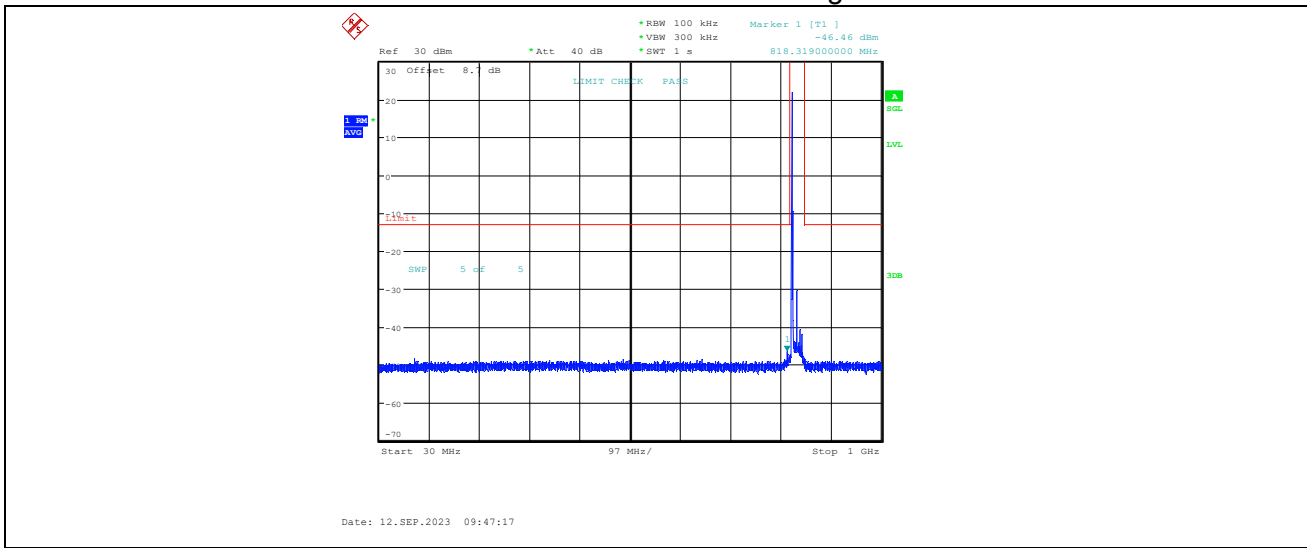
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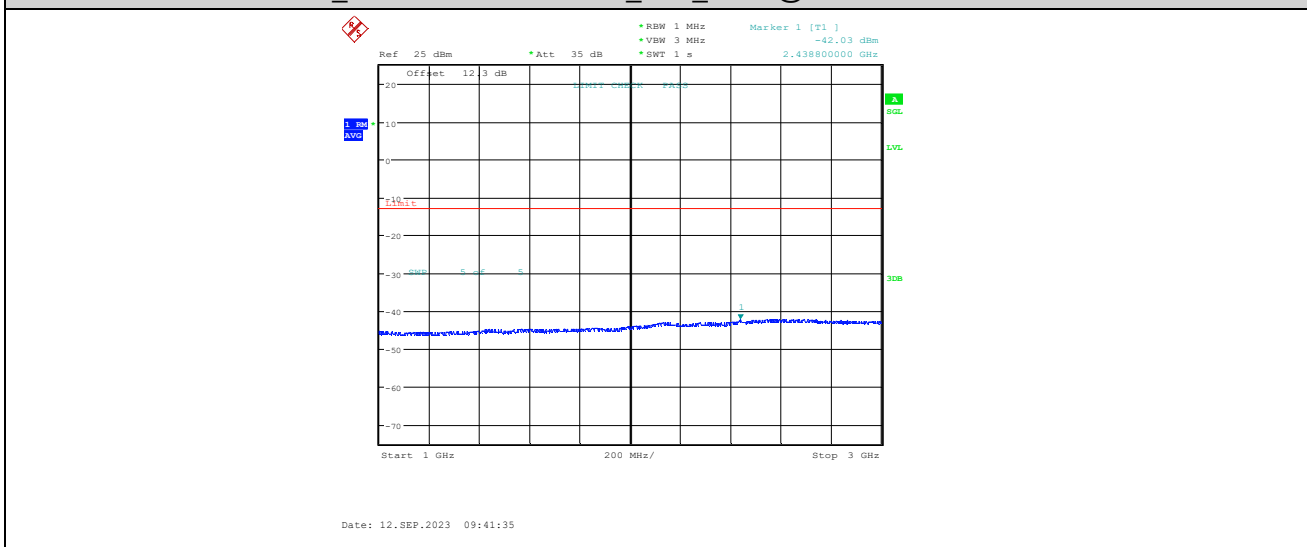
1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-0.16--53.36--23-PASS



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1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-818.32--46.46--13-PASS



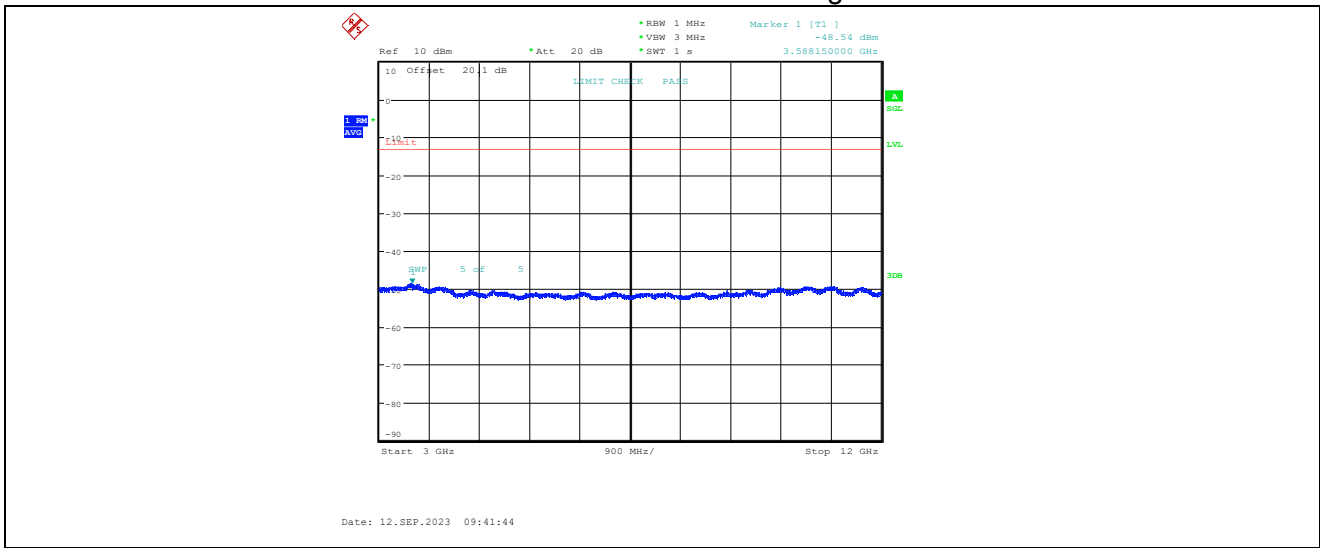
1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2438.80--42.03--13-PAS

S

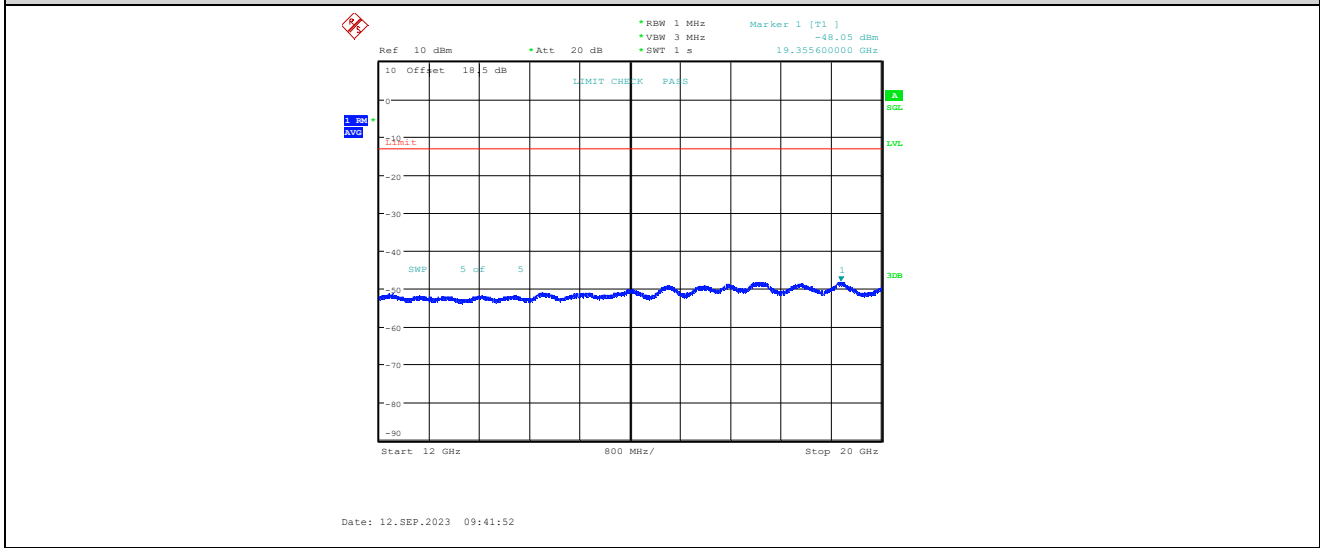


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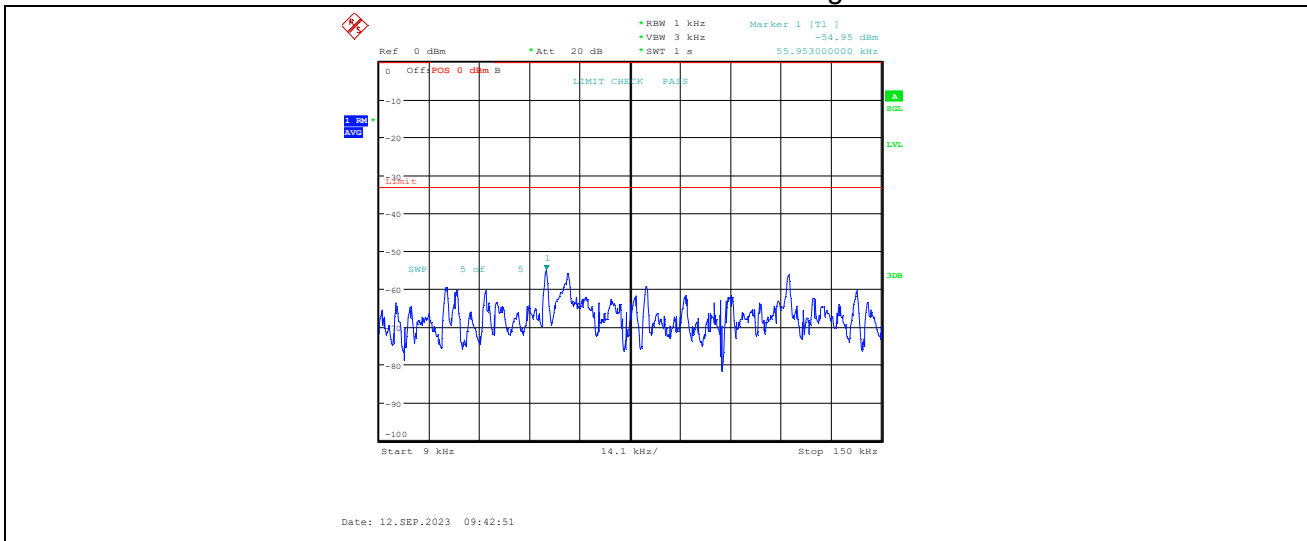
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SS



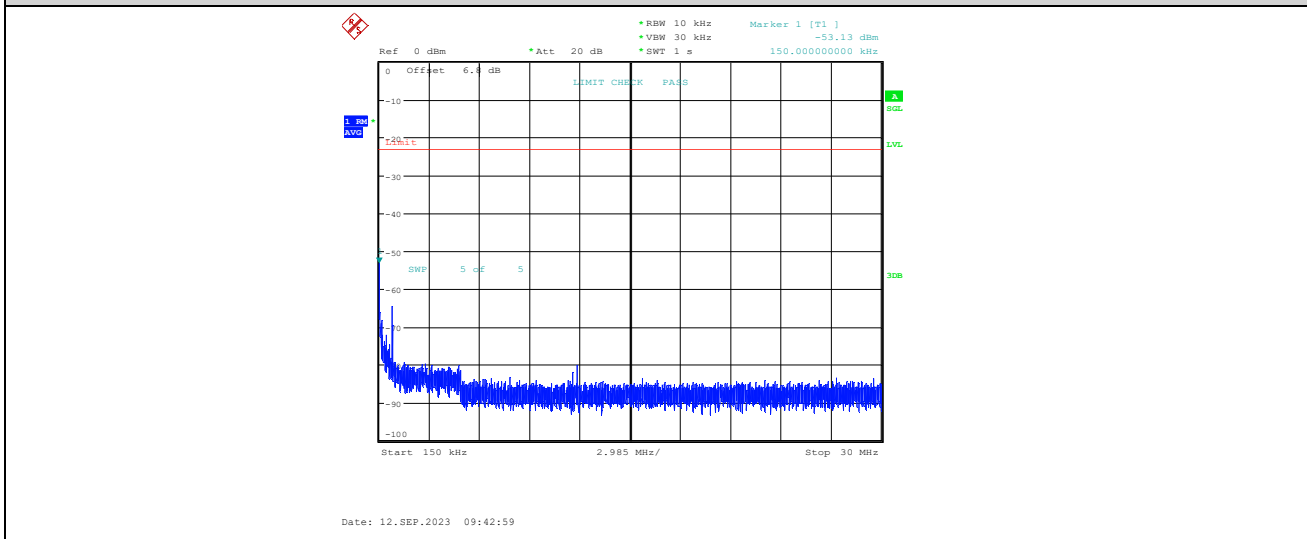
1-N5-PC3-15-20-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-19355.60--48.05--13-
PASS



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1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.06--54.95--33-PASS

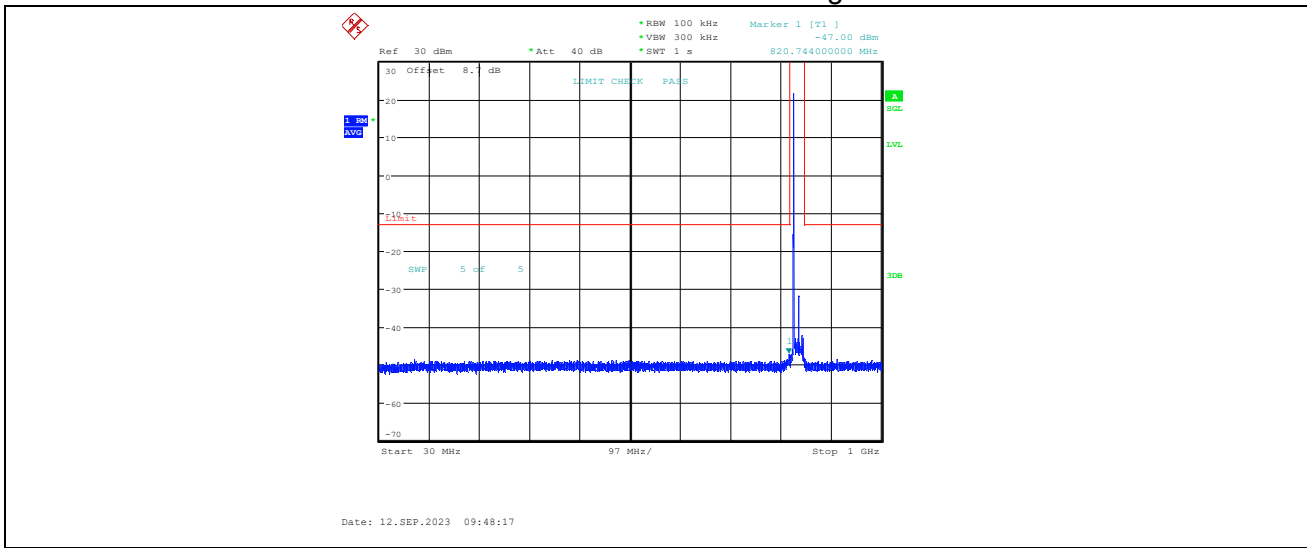


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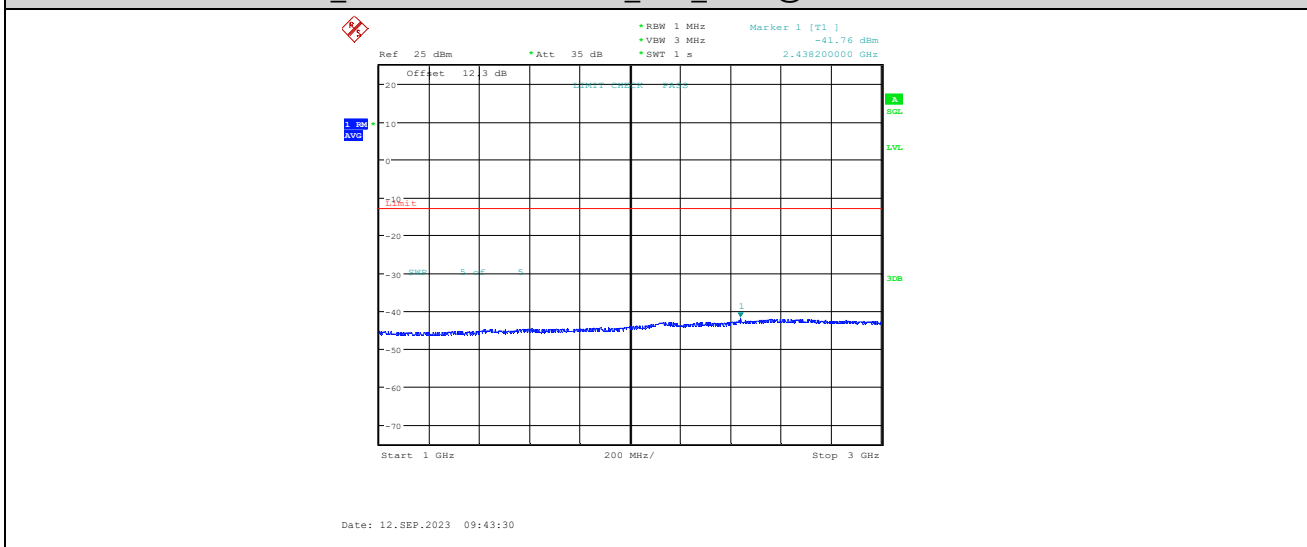


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1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant1-820.84--47.00--13-PASS



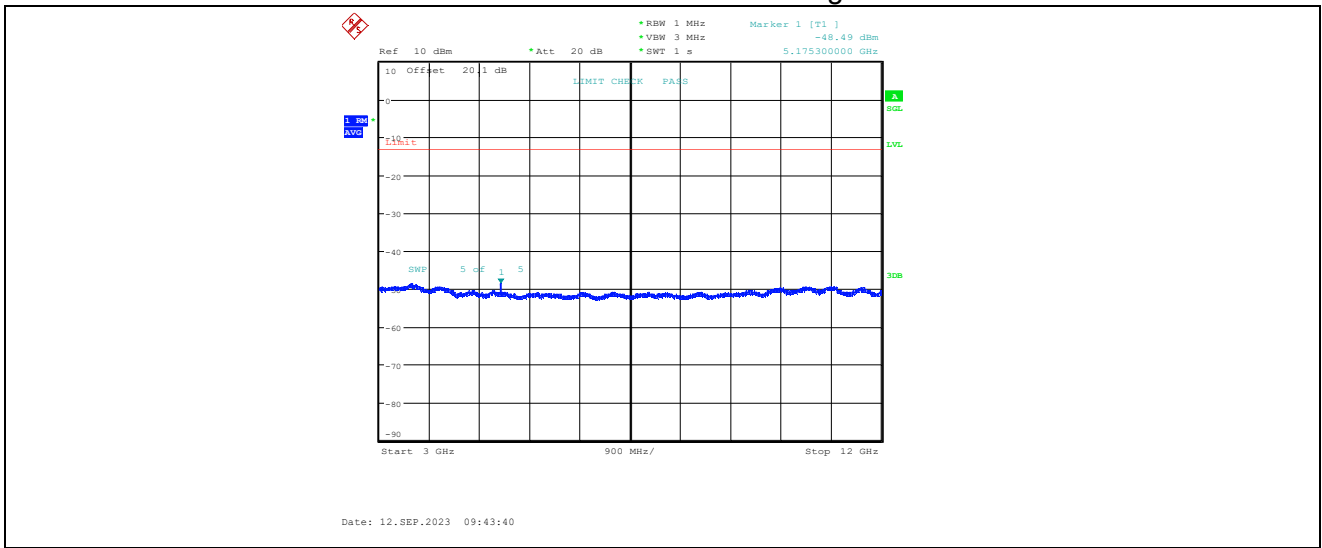
1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant1-2438.20--41.76--13-PAS

S

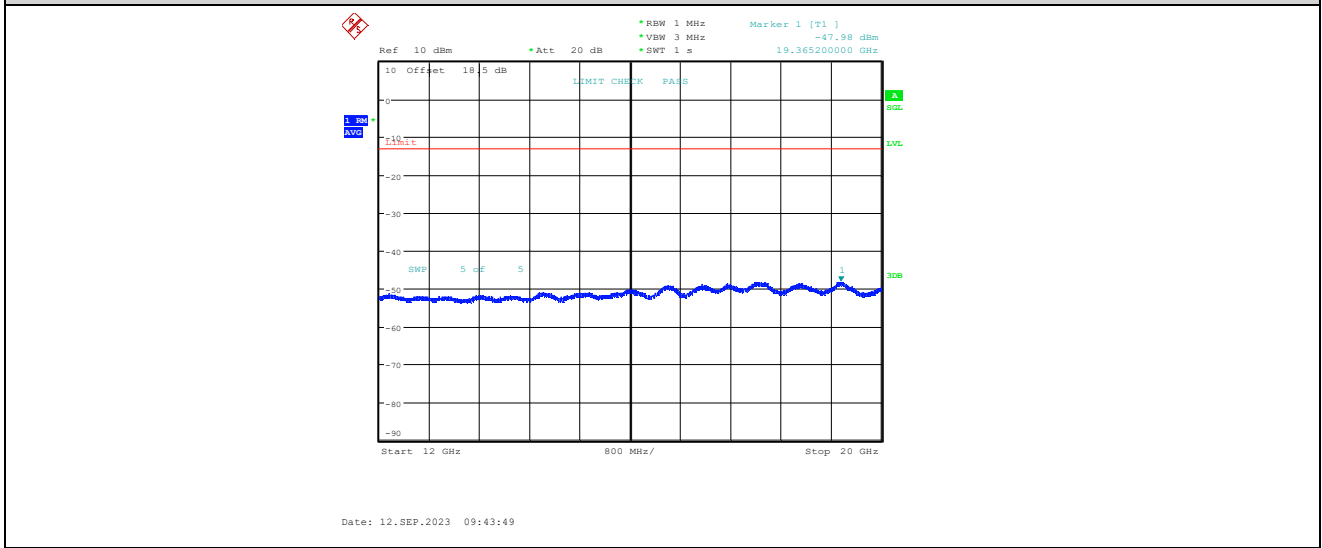


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1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-5175.30--48.49--13-PA
SS



1-N5-PC3-15-20-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-19365.20--47.98--13-P
ASS



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Field Strength of Spurious Radiation

Test Band = SA_N5 ANT 1

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1596.5	47.81	-47.61	25.04	-70.02	-13.00	57.02	Horizontal
2	2403	47.54	-46.61	27.41	-66.92	-13.00	53.92	Horizontal
3	3318	47.88	-45.69	28.54	-64.53	-13.00	51.53	Horizontal
4	5832.5	45.83	-41.11	32.53	-58.01	-13.00	45.01	Horizontal
5	8250	42.73	-37.06	36.50	-53.09	-13.00	40.09	Horizontal
6	9887.5	42.12	-35.32	38.50	-49.96	-13.00	36.96	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1412.5	47.51	-47.42	25.00	-70.17	-13.00	57.17	Vertical
2	2203	47.35	-47.00	26.89	-68.02	-13.00	55.02	Vertical
3	3318.5	47.48	-45.69	28.54	-64.93	-13.00	51.93	Vertical
4	4425	46.35	-43.22	30.10	-62.03	-13.00	49.03	Vertical
5	7459.5	43.41	-38.37	36.82	-53.40	-13.00	40.40	Vertical
6	9781.5	42.03	-35.65	38.43	-50.45	-13.00	37.45	Vertical



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Test Band = SA_N5 ANT 1

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1438.5	47.13	-47.48	25.21	-70.40	-13.00	57.40	Horizontal
2	2365	47.18	-46.62	27.54	-67.16	-13.00	54.16	Horizontal
3	3317.5	48.01	-45.70	28.54	-64.41	-13.00	51.41	Horizontal
4	5158	45.26	-42.57	31.82	-60.75	-13.00	47.75	Horizontal
5	7415.5	43.68	-38.35	36.73	-53.20	-13.00	40.20	Horizontal
6	9906	41.51	-35.31	38.61	-50.45	-13.00	37.45	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1454	47.17	-47.51	25.27	-70.33	-13.00	57.33	Vertical
2	2415	47.48	-46.62	27.46	-66.94	-13.00	53.94	Vertical
3	3316	48.34	-45.70	28.53	-64.09	-13.00	51.09	Vertical
4	4771.5	46.21	-42.91	30.63	-61.33	-13.00	48.33	Vertical
5	7429	43.84	-38.36	36.76	-53.02	-13.00	40.02	Vertical
6	9911.5	42.10	-35.33	38.61	-49.88	-13.00	36.88	Vertical



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Test Band = SA_N5 ANT 1

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1451.5	47.74	-47.51	25.29	-69.74	-13.00	56.74	Horizontal
2	2342.5	47.39	-46.63	27.53	-66.97	-13.00	53.97	Horizontal
3	3315	48.09	-45.70	28.53	-64.34	-13.00	51.34	Horizontal
4	5274	45.47	-42.29	31.74	-60.34	-13.00	47.34	Horizontal
5	7398.5	43.75	-38.36	36.69	-53.18	-13.00	40.18	Horizontal
6	9995	42.30	-35.66	38.70	-49.92	-13.00	36.92	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1427	47.42	-47.45	25.12	-70.17	-13.00	57.17	Vertical
2	2336.5	47.59	-46.63	27.47	-66.83	-13.00	53.83	Vertical
3	3315.5	48.01	-45.70	28.53	-64.42	-13.00	51.42	Vertical
4	4436	46.13	-43.19	30.10	-62.22	-13.00	49.22	Vertical
5	7423.5	43.48	-38.36	36.75	-53.39	-13.00	40.39	Vertical
6	9939	41.80	-35.44	38.64	-50.26	-13.00	37.26	Vertical



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Test Band = SA_N5 ANT 0

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1351	47.36	-47.63	25.10	-70.43	-13.00	57.43	Horizontal
2	2352	47.38	-46.62	27.59	-66.91	-13.00	53.91	Horizontal
3	3319	47.45	-45.69	28.54	-64.96	-13.00	51.96	Horizontal
4	4423.5	46.08	-43.22	30.10	-62.30	-13.00	49.30	Horizontal
5	7894	43.08	-37.50	36.54	-53.14	-13.00	40.14	Horizontal
6	9946	41.75	-35.47	38.65	-50.33	-13.00	37.33	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1237.5	47.48	-47.89	24.53	-71.14	-13.00	58.14	Vertical
2	1766.5	47.44	-47.36	25.13	-70.05	-13.00	57.05	Vertical
3	2516.5	47.28	-46.60	27.80	-66.78	-13.00	53.78	Vertical
4	3316.5	47.52	-45.70	28.53	-64.91	-13.00	51.91	Vertical
5	5162	45.48	-42.56	31.82	-60.52	-13.00	47.52	Vertical
6	9880	42.26	-35.34	38.44	-49.90	-13.00	36.90	Vertical



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Test Band = SA_N5 ANT 0

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1152	47.63	-47.81	24.50	-70.94	-13.00	57.94	Horizontal
2	2113	47.13	-46.89	26.72	-68.30	-13.00	55.30	Horizontal
3	3315	47.72	-45.70	28.53	-64.71	-13.00	51.71	Horizontal
4	4327	46.16	-42.99	29.72	-62.37	-13.00	49.37	Horizontal
5	7371	44.05	-38.47	36.58	-53.10	-13.00	40.10	Horizontal
6	9889	42.11	-35.32	38.51	-49.96	-13.00	36.96	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1185	47.60	-47.86	24.57	-70.95	-13.00	57.95	Vertical
2	1425	47.58	-47.45	25.10	-70.03	-13.00	57.03	Vertical
3	2389	47.35	-46.61	27.44	-67.08	-13.00	54.08	Vertical
4	3316.5	48.53	-45.70	28.53	-63.90	-13.00	50.90	Vertical
5	5597	44.53	-41.41	32.58	-59.56	-13.00	46.56	Vertical
6	9940	41.84	-35.45	38.64	-50.23	-13.00	37.23	Vertical



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Test Band = SA_N5 ANT 0

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1177.5	47.64	-47.85	24.56	-70.91	-13.00	57.91	Horizontal
2	2455	47.75	-46.65	27.62	-66.54	-13.00	53.54	Horizontal
3	3314.5	48.29	-45.70	28.53	-64.14	-13.00	51.14	Horizontal
4	4324.5	46.32	-42.98	29.70	-62.22	-13.00	49.22	Horizontal
5	6637	44.15	-40.08	34.87	-56.32	-13.00	43.32	Horizontal
6	9937	41.84	-35.43	38.64	-50.21	-13.00	37.21	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1441	47.54	-47.48	25.23	-69.97	-13.00	56.97	Vertical
2	2517	47.09	-46.60	27.80	-66.97	-13.00	53.97	Vertical
3	3314	47.40	-45.70	28.53	-65.03	-13.00	52.03	Vertical
4	5058	46.13	-42.79	31.58	-60.34	-13.00	47.34	Vertical
5	7756.5	43.92	-37.89	36.43	-52.80	-13.00	39.80	Vertical
6	9919	42.08	-35.36	38.62	-49.92	-13.00	36.92	Vertical



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Test Band = NSA_B7+N5 ANT 4+ANT 1

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3316.5	47.91	-45.35	28.53	-64.17	-13.00	51.17	Horizontal
2	4865	46.36	-42.90	30.69	-61.11	-13.00	48.11	Horizontal
3	7422.5	44.15	-38.28	36.75	-52.64	-13.00	39.64	Horizontal
4	9898	41.96	-34.98	38.58	-49.70	-13.00	36.70	Horizontal
5	13557.5	43.11	-37.90	40.02	-50.03	-13.00	37.03	Horizontal
6	16597.5	41.64	-35.35	39.50	-49.47	-13.00	36.47	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3972.5	46.76	-44.18	29.86	-62.82	-13.00	49.82	Vertical
2	5593.5	45.21	-41.47	32.55	-58.97	-13.00	45.97	Vertical
3	7390.5	44.57	-38.34	36.66	-52.37	-13.00	39.37	Vertical
4	9877.5	42.46	-35.13	38.42	-49.51	-13.00	36.51	Vertical
5	13557	42.88	-37.90	40.01	-50.27	-13.00	37.27	Vertical
6	17995.5	40.96	-43.08	48.12	-49.26	-13.00	36.26	Vertical



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Test Band = NSA_B7+N5 ANT 4+ANT 1

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3938	47.34	-44.19	29.85	-62.26	-13.00	49.26	Horizontal
2	5618	45.28	-41.39	32.56	-58.81	-13.00	45.81	Horizontal
3	7157	43.84	-38.85	36.43	-53.84	-13.00	40.84	Horizontal
4	9907	42.06	-35.14	38.61	-49.73	-13.00	36.73	Horizontal
5	13560	42.89	-37.90	40.02	-50.25	-13.00	37.25	Horizontal
6	17997	41.42	-43.06	48.15	-48.75	-13.00	35.75	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3940	47.02	-44.19	29.86	-62.57	-13.00	49.57	Vertical
2	5162	46.08	-42.54	31.82	-59.90	-13.00	46.90	Vertical
3	8428.5	43.44	-36.84	36.44	-52.22	-13.00	39.22	Vertical
4	9935.5	42.82	-35.89	38.64	-49.69	-13.00	36.69	Vertical
5	13639	43.00	-37.91	40.14	-50.03	-13.00	37.03	Vertical
6	16590	41.62	-35.37	39.48	-49.53	-13.00	36.53	Vertical



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Test Band = NSA_B7+N5 ANT 4+ANT 1

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3944	46.93	-44.19	29.88	-62.64	-13.00	49.64	Horizontal
2	6122	45.30	-40.60	33.36	-57.20	-13.00	44.20	Horizontal
3	7777.5	43.83	-37.82	36.51	-52.74	-13.00	39.74	Horizontal
4	9886	42.40	-35.07	38.49	-49.44	-13.00	36.44	Horizontal
5	13554	42.88	-37.91	40.01	-50.28	-13.00	37.28	Horizontal
6	16346	42.11	-35.12	38.64	-49.63	-13.00	36.63	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3842	47.33	-44.62	29.72	-62.83	-13.00	49.83	Vertical
2	5870	45.48	-41.21	32.68	-58.31	-13.00	45.31	Vertical
3	7418	44.03	-38.28	36.74	-52.77	-13.00	39.77	Vertical
4	9880.5	42.27	-35.11	38.44	-49.66	-13.00	36.66	Vertical
5	13556.5	42.95	-37.91	40.01	-50.21	-13.00	37.21	Vertical
6	18000	40.77	-43.04	48.20	-49.33	-13.00	36.33	Vertical



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Test Band = NSA_B66+N5 ANT 5+ANT 1

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3316.5	48.08	-45.35	28.53	-64.00	-13.00	51.00	Horizontal
2	4686	46.97	-42.96	30.49	-60.76	-13.00	47.76	Horizontal
3	7437.5	43.90	-38.28	36.78	-52.86	-13.00	39.86	Horizontal
4	9899	42.09	-34.97	38.59	-49.55	-13.00	36.55	Horizontal
5	13608	42.83	-37.85	40.11	-50.17	-13.00	37.17	Horizontal
6	16492.5	42.10	-35.56	39.26	-49.46	-13.00	36.46	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3318.5	47.65	-45.35	28.54	-64.42	-13.00	51.42	Vertical
2	5775.5	45.78	-41.36	32.45	-58.39	-13.00	45.39	Vertical
3	8378.5	43.71	-36.99	36.41	-52.13	-13.00	39.13	Vertical
4	9880.5	41.98	-35.11	38.44	-49.95	-13.00	36.95	Vertical
5	13569.5	43.34	-37.89	40.04	-49.77	-13.00	36.77	Vertical
6	17997.5	40.89	-43.06	48.16	-49.27	-13.00	36.27	Vertical



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Test Band = NSA_B66+N5 ANT 5+ANT 1

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3937	47.95	-44.19	29.85	-61.65	-13.00	48.65	Horizontal
2	6062	45.25	-40.81	33.48	-57.34	-13.00	44.34	Horizontal
3	7417	44.25	-38.28	36.73	-52.56	-13.00	39.56	Horizontal
4	9889.5	41.89	-35.04	38.52	-49.89	-13.00	36.89	Horizontal
5	13646.5	43.06	-37.92	40.15	-49.97	-13.00	36.97	Horizontal
6	17991	40.94	-43.11	48.04	-49.39	-13.00	36.39	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3555.5	46.87	-44.69	28.99	-64.09	-13.00	51.09	Vertical
2	4904.5	45.94	-42.87	30.91	-61.28	-13.00	48.28	Vertical
3	7352	43.45	-38.57	36.51	-53.87	-13.00	40.87	Vertical
4	9892.5	41.86	-35.02	38.54	-49.88	-13.00	36.88	Vertical
5	13580	42.84	-37.87	40.06	-50.23	-13.00	37.23	Vertical
6	16602	41.99	-35.46	39.50	-49.23	-13.00	36.23	Vertical



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Test Band = NSA_B66+N5 ANT 5+ANT 1

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3314	48.10	-45.35	28.53	-63.98	-13.00	50.98	Horizontal
2	5448	45.39	-41.92	32.21	-59.58	-13.00	46.58	Horizontal
3	7418	44.15	-38.28	36.74	-52.65	-13.00	39.65	Horizontal
4	9914.5	42.83	-35.34	38.61	-49.16	-13.00	36.16	Horizontal
5	13524.5	42.77	-37.95	39.95	-50.49	-13.00	37.49	Horizontal
6	17997	41.02	-43.06	48.15	-49.15	-13.00	36.15	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3916.5	46.93	-44.20	29.77	-62.76	-13.00	49.76	Vertical
2	6124	45.32	-40.60	33.35	-57.19	-13.00	44.19	Vertical
3	7424.5	43.79	-38.28	36.75	-53.00	-13.00	40.00	Vertical
4	9912	42.43	-35.28	38.61	-49.50	-13.00	36.50	Vertical
5	13419	43.94	-38.65	39.66	-50.31	-13.00	37.31	Vertical
6	16356	42.52	-35.06	38.67	-49.13	-13.00	36.13	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	DeviationI (ppm)	Limit	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VH	NT	-7.95	-0.01	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VN	NT	-4.78	-0.01	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	VL	NT	-5.94	-0.01	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VH	NT	-0.87	0.00	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VN	NT	-4.51	-0.01	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	VL	NT	-3.86	0.00	±2.5	PASS



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Frequency Error VS. Temperature

Temperature											
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation (Hz)	Deviation (ppm)	Limit	Verdict
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-30	-3.874000	-0.004631	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-20	-5.442000	-0.006506	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	-10	-3.751000	-0.004484	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	0	-3.469000	-0.004147	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	10	-3.926000	-0.004693	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	20	-4.869000	-0.005821	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	30	-4.802000	-0.005741	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	40	-4.151000	-0.004962	±2.5	PASS
N5	15	20	DFT-PI2BPSK	M	Outer_Full	NV	50	-3.051000	-0.003647	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-30	-6.342000	-0.007582	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-20	-3.193000	-0.003817	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	-10	-6.912000	-0.008263	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	0	-4.456000	-0.005327	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	10	-6.095000	-0.007286	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	20	-5.001000	-0.005978	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	30	-6.100000	-0.007292	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	40	-7.146000	-0.008543	±2.5	PASS
N5	15	20	CP-QPSK	M	Outer_Full	NV	50	-4.768000	-0.005700	±2.5	PASS

---End of Attachment---



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