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Appendix B.19

NR Band n7



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

ANT4

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
N7	15	5	DFT-PI2BPSK	L	Inner_1RB_Left	22.96	22.16	33.00	PASS
N7	15	5	DFT-PI2BPSK	L	Inner_1RB_Right	23.10	22.30	33.00	PASS
N7	15	5	DFT-PI2BPSK	L	Outer_Full	22.00	21.20	33.00	PASS
N7	15	5	DFT-QPSK	L	Inner_1RB_Left	22.85	22.05	33.00	PASS
N7	15	5	DFT-QPSK	L	Inner_1RB_Right	23.07	22.27	33.00	PASS
N7	15	5	DFT-QPSK	L	Outer_Full	22.01	21.21	33.00	PASS
N7	15	5	DFT-16QAM	L	Inner_1RB_Left	21.56	20.76	33.00	PASS
N7	15	5	DFT-16QAM	L	Inner_1RB_Right	21.84	21.04	33.00	PASS
N7	15	5	DFT-16QAM	L	Outer_Full	21.00	20.20	33.00	PASS
N7	15	5	DFT-64QAM	L	Inner_1RB_Left	20.34	19.54	33.00	PASS
N7	15	5	DFT-64QAM	L	Inner_1RB_Right	20.54	19.74	33.00	PASS
N7	15	5	DFT-64QAM	L	Outer_Full	20.45	19.65	33.00	PASS
N7	15	5	DFT-256QAM	L	Inner_1RB_Left	18.17	17.37	33.00	PASS
N7	15	5	DFT-256QAM	L	Inner_1RB_Right	18.39	17.59	33.00	PASS
N7	15	5	DFT-256QAM	L	Outer_Full	18.49	17.69	33.00	PASS
N7	15	5	DFT-PI2BPSK	M	Inner_1RB_Left	23.20	22.40	33.00	PASS
N7	15	5	DFT-PI2BPSK	M	Inner_1RB_Right	23.33	22.53	33.00	PASS
N7	15	5	DFT-PI2BPSK	M	Outer_Full	22.29	21.49	33.00	PASS
N7	15	5	DFT-QPSK	M	Inner_1RB_Left	23.21	22.41	33.00	PASS
N7	15	5	DFT-QPSK	M	Inner_1RB_Right	23.32	22.52	33.00	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	22.26	21.46	33.00	PASS
N7	15	5	DFT-16QAM	M	Inner_1RB_Left	21.98	21.18	33.00	PASS
N7	15	5	DFT-16QAM	M	Inner_1RB_Right	22.18	21.38	33.00	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	21.28	20.48	33.00	PASS
N7	15	5	DFT-64QAM	M	Inner_1RB_Left	20.78	19.98	33.00	PASS
N7	15	5	DFT-64QAM	M	Inner_1RB_Right	20.90	20.10	33.00	PASS
N7	15	5	DFT-64QAM	M	Outer_Full	20.70	19.90	33.00	PASS
N7	15	5	DFT-256QAM	M	Inner_1RB_Left	18.57	17.77	33.00	PASS
N7	15	5	DFT-256QAM	M	Inner_1RB_Right	18.68	17.88	33.00	PASS
N7	15	5	DFT-256QAM	M	Outer_Full	18.75	17.95	33.00	PASS
N7	15	5	DFT-PI2BPSK	H	Inner_1RB_Left	23.35	22.55	33.00	PASS
N7	15	5	DFT-PI2BPSK	H	Inner_1RB_Right	23.45	22.65	33.00	PASS



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N7	15	5	DFT-PI2BPSK	H	Outer_Full	22.37	21.57	33.00	PASS
N7	15	5	DFT-QPSK	H	Inner_1RB_Left	23.31	22.51	33.00	PASS
N7	15	5	DFT-QPSK	H	Inner_1RB_Right	23.32	22.52	33.00	PASS
N7	15	5	DFT-QPSK	H	Outer_Full	22.29	21.49	33.00	PASS
N7	15	5	DFT-16QAM	H	Inner_1RB_Left	22.12	21.32	33.00	PASS
N7	15	5	DFT-16QAM	H	Inner_1RB_Right	22.15	21.35	33.00	PASS
N7	15	5	DFT-16QAM	H	Outer_Full	21.36	20.56	33.00	PASS
N7	15	5	DFT-64QAM	H	Inner_1RB_Left	20.87	20.07	33.00	PASS
N7	15	5	DFT-64QAM	H	Inner_1RB_Right	20.97	20.17	33.00	PASS
N7	15	5	DFT-64QAM	H	Outer_Full	20.87	20.07	33.00	PASS
N7	15	5	DFT-256QAM	H	Inner_1RB_Left	18.63	17.83	33.00	PASS
N7	15	5	DFT-256QAM	H	Inner_1RB_Right	18.77	17.97	33.00	PASS
N7	15	5	DFT-256QAM	H	Outer_Full	18.90	18.10	33.00	PASS
N7	15	10	DFT-PI2BPSK	L	Inner_1RB_Left	22.79	21.99	33.00	PASS
N7	15	10	DFT-PI2BPSK	L	Inner_1RB_Right	23.24	22.44	33.00	PASS
N7	15	10	DFT-PI2BPSK	L	Outer_Full	22.02	21.22	33.00	PASS
N7	15	10	DFT-QPSK	L	Inner_1RB_Left	22.80	22.00	33.00	PASS
N7	15	10	DFT-QPSK	L	Inner_1RB_Right	23.19	22.39	33.00	PASS
N7	15	10	DFT-QPSK	L	Outer_Full	22.01	21.21	33.00	PASS
N7	15	10	DFT-16QAM	L	Inner_1RB_Left	21.55	20.75	33.00	PASS
N7	15	10	DFT-16QAM	L	Inner_1RB_Right	22.04	21.24	33.00	PASS
N7	15	10	DFT-16QAM	L	Outer_Full	21.07	20.27	33.00	PASS
N7	15	10	DFT-64QAM	L	Inner_1RB_Left	20.35	19.55	33.00	PASS
N7	15	10	DFT-64QAM	L	Inner_1RB_Right	20.75	19.95	33.00	PASS
N7	15	10	DFT-64QAM	L	Outer_Full	20.54	19.74	33.00	PASS
N7	15	10	DFT-256QAM	L	Inner_1RB_Left	18.12	17.32	33.00	PASS
N7	15	10	DFT-256QAM	L	Inner_1RB_Right	18.55	17.75	33.00	PASS
N7	15	10	DFT-256QAM	L	Outer_Full	18.54	17.74	33.00	PASS
N7	15	10	DFT-PI2BPSK	M	Inner_1RB_Left	23.08	22.28	33.00	PASS
N7	15	10	DFT-PI2BPSK	M	Inner_1RB_Right	23.30	22.50	33.00	PASS
N7	15	10	DFT-PI2BPSK	M	Outer_Full	22.22	21.42	33.00	PASS
N7	15	10	DFT-QPSK	M	Inner_1RB_Left	23.05	22.25	33.00	PASS
N7	15	10	DFT-QPSK	M	Inner_1RB_Right	23.28	22.48	33.00	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	22.21	21.41	33.00	PASS
N7	15	10	DFT-16QAM	M	Inner_1RB_Left	21.87	21.07	33.00	PASS
N7	15	10	DFT-16QAM	M	Inner_1RB_Right	22.06	21.26	33.00	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	21.23	20.43	33.00	PASS



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N7	15	10	DFT-64QAM	M	Inner_1RB_Left	20.66	19.86	33.00	PASS
N7	15	10	DFT-64QAM	M	Inner_1RB_Right	20.84	20.04	33.00	PASS
N7	15	10	DFT-64QAM	M	Outer_Full	20.70	19.90	33.00	PASS
N7	15	10	DFT-256QAM	M	Inner_1RB_Left	18.42	17.62	33.00	PASS
N7	15	10	DFT-256QAM	M	Inner_1RB_Right	18.63	17.83	33.00	PASS
N7	15	10	DFT-256QAM	M	Outer_Full	18.74	17.94	33.00	PASS
N7	15	10	DFT-PI2BPSK	H	Inner_1RB_Left	23.18	22.38	33.00	PASS
N7	15	10	DFT-PI2BPSK	H	Inner_1RB_Right	23.32	22.52	33.00	PASS
N7	15	10	DFT-PI2BPSK	H	Outer_Full	22.21	21.41	33.00	PASS
N7	15	10	DFT-QPSK	H	Inner_1RB_Left	23.17	22.37	33.00	PASS
N7	15	10	DFT-QPSK	H	Inner_1RB_Right	23.32	22.52	33.00	PASS
N7	15	10	DFT-QPSK	H	Outer_Full	22.23	21.43	33.00	PASS
N7	15	10	DFT-16QAM	H	Inner_1RB_Left	21.86	21.06	33.00	PASS
N7	15	10	DFT-16QAM	H	Inner_1RB_Right	21.90	21.10	33.00	PASS
N7	15	10	DFT-16QAM	H	Outer_Full	21.25	20.45	33.00	PASS
N7	15	10	DFT-64QAM	H	Inner_1RB_Left	20.72	19.92	33.00	PASS
N7	15	10	DFT-64QAM	H	Inner_1RB_Right	20.87	20.07	33.00	PASS
N7	15	10	DFT-64QAM	H	Outer_Full	20.74	19.94	33.00	PASS
N7	15	10	DFT-256QAM	H	Inner_1RB_Left	18.52	17.72	33.00	PASS
N7	15	10	DFT-256QAM	H	Inner_1RB_Right	18.60	17.80	33.00	PASS
N7	15	10	DFT-256QAM	H	Outer_Full	18.70	17.90	33.00	PASS
N7	15	15	DFT-PI2BPSK	L	Inner_1RB_Left	22.73	21.93	33.00	PASS
N7	15	15	DFT-PI2BPSK	L	Inner_1RB_Right	23.22	22.42	33.00	PASS
N7	15	15	DFT-PI2BPSK	L	Outer_Full	22.22	21.42	33.00	PASS
N7	15	15	DFT-QPSK	L	Inner_1RB_Left	22.76	21.96	33.00	PASS
N7	15	15	DFT-QPSK	L	Inner_1RB_Right	23.36	22.56	33.00	PASS
N7	15	15	DFT-QPSK	L	Outer_Full	22.28	21.48	33.00	PASS
N7	15	15	DFT-16QAM	L	Inner_1RB_Left	21.96	21.16	33.00	PASS
N7	15	15	DFT-16QAM	L	Inner_1RB_Right	21.99	21.19	33.00	PASS
N7	15	15	DFT-16QAM	L	Outer_Full	21.09	20.29	33.00	PASS
N7	15	15	DFT-64QAM	L	Inner_1RB_Left	20.43	19.63	33.00	PASS
N7	15	15	DFT-64QAM	L	Inner_1RB_Right	20.98	20.18	33.00	PASS
N7	15	15	DFT-64QAM	L	Outer_Full	20.76	19.96	33.00	PASS
N7	15	15	DFT-256QAM	L	Inner_1RB_Left	18.25	17.45	33.00	PASS
N7	15	15	DFT-256QAM	L	Inner_1RB_Right	18.79	17.99	33.00	PASS
N7	15	15	DFT-256QAM	L	Outer_Full	18.77	17.97	33.00	PASS
N7	15	15	DFT-PI2BPSK	M	Inner_1RB_Left	23.08	22.28	33.00	PASS



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N7	15	15	DFT-PI2BPSK	M	Inner_1RB_Right	23.42	22.62	33.00	PASS
N7	15	15	DFT-PI2BPSK	M	Outer_Full	22.42	21.62	33.00	PASS
N7	15	15	DFT-QPSK	M	Inner_1RB_Left	23.17	22.37	33.00	PASS
N7	15	15	DFT-QPSK	M	Inner_1RB_Right	23.44	22.64	33.00	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	22.38	21.58	33.00	PASS
N7	15	15	DFT-16QAM	M	Inner_1RB_Left	21.94	21.14	33.00	PASS
N7	15	15	DFT-16QAM	M	Inner_1RB_Right	22.13	21.33	33.00	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	21.36	20.56	33.00	PASS
N7	15	15	DFT-64QAM	M	Inner_1RB_Left	20.73	19.93	33.00	PASS
N7	15	15	DFT-64QAM	M	Inner_1RB_Right	20.95	20.15	33.00	PASS
N7	15	15	DFT-64QAM	M	Outer_Full	20.89	20.09	33.00	PASS
N7	15	15	DFT-256QAM	M	Inner_1RB_Left	18.59	17.79	33.00	PASS
N7	15	15	DFT-256QAM	M	Inner_1RB_Right	18.87	18.07	33.00	PASS
N7	15	15	DFT-256QAM	M	Outer_Full	18.89	18.09	33.00	PASS
N7	15	15	DFT-PI2BPSK	H	Inner_1RB_Left	23.32	22.52	33.00	PASS
N7	15	15	DFT-PI2BPSK	H	Inner_1RB_Right	23.29	22.49	33.00	PASS
N7	15	15	DFT-PI2BPSK	H	Outer_Full	22.41	21.61	33.00	PASS
N7	15	15	DFT-QPSK	H	Inner_1RB_Left	23.23	22.43	33.00	PASS
N7	15	15	DFT-QPSK	H	Inner_1RB_Right	23.36	22.56	33.00	PASS
N7	15	15	DFT-QPSK	H	Outer_Full	22.44	21.64	33.00	PASS
N7	15	15	DFT-16QAM	H	Inner_1RB_Left	21.92	21.12	33.00	PASS
N7	15	15	DFT-16QAM	H	Inner_1RB_Right	22.02	21.22	33.00	PASS
N7	15	15	DFT-16QAM	H	Outer_Full	21.45	20.65	33.00	PASS
N7	15	15	DFT-64QAM	H	Inner_1RB_Left	20.94	20.14	33.00	PASS
N7	15	15	DFT-64QAM	H	Inner_1RB_Right	20.97	20.17	33.00	PASS
N7	15	15	DFT-64QAM	H	Outer_Full	20.89	20.09	33.00	PASS
N7	15	15	DFT-256QAM	H	Inner_1RB_Left	18.74	17.94	33.00	PASS
N7	15	15	DFT-256QAM	H	Inner_1RB_Right	18.80	18.00	33.00	PASS
N7	15	15	DFT-256QAM	H	Outer_Full	18.88	18.08	33.00	PASS
N7	15	20	DFT-PI2BPSK	L	Inner_1RB_Left	22.77	21.97	33.00	PASS
N7	15	20	DFT-PI2BPSK	L	Inner_1RB_Right	23.27	22.47	33.00	PASS
N7	15	20	DFT-PI2BPSK	L	Outer_Full	22.30	21.50	33.00	PASS
N7	15	20	DFT-QPSK	L	Inner_1RB_Left	22.82	22.02	33.00	PASS
N7	15	20	DFT-QPSK	L	Inner_1RB_Right	23.29	22.49	33.00	PASS
N7	15	20	DFT-QPSK	L	Outer_Full	22.28	21.48	33.00	PASS
N7	15	20	DFT-16QAM	L	Inner_1RB_Left	21.50	20.70	33.00	PASS
N7	15	20	DFT-16QAM	L	Inner_1RB_Right	22.16	21.36	33.00	PASS



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N7	15	20	DFT-16QAM	L	Outer_Full	21.33	20.53	33.00	PASS
N7	15	20	DFT-64QAM	L	Inner_1RB_Left	20.46	19.66	33.00	PASS
N7	15	20	DFT-64QAM	L	Inner_1RB_Right	20.90	20.10	33.00	PASS
N7	15	20	DFT-64QAM	L	Outer_Full	20.78	19.98	33.00	PASS
N7	15	20	DFT-256QAM	L	Inner_1RB_Left	18.23	17.43	33.00	PASS
N7	15	20	DFT-256QAM	L	Inner_1RB_Right	18.84	18.04	33.00	PASS
N7	15	20	DFT-256QAM	L	Outer_Full	18.75	17.95	33.00	PASS
N7	15	20	DFT-PI2BPSK	M	Inner_1RB_Left	23.08	22.28	33.00	PASS
N7	15	20	DFT-PI2BPSK	M	Inner_1RB_Right	23.39	22.59	33.00	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	22.39	21.59	33.00	PASS
N7	15	20	DFT-QPSK	M	Inner_1RB_Left	23.17	22.37	33.00	PASS
N7	15	20	DFT-QPSK	M	Inner_1RB_Right	23.45	22.65	33.00	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	22.37	21.57	33.00	PASS
N7	15	20	DFT-16QAM	M	Inner_1RB_Left	21.80	21.00	33.00	PASS
N7	15	20	DFT-16QAM	M	Inner_1RB_Right	22.07	21.27	33.00	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	21.36	20.56	33.00	PASS
N7	15	20	DFT-64QAM	M	Inner_1RB_Left	20.78	19.98	33.00	PASS
N7	15	20	DFT-64QAM	M	Inner_1RB_Right	21.02	20.22	33.00	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	20.88	20.08	33.00	PASS
N7	15	20	DFT-256QAM	M	Inner_1RB_Left	18.56	17.76	33.00	PASS
N7	15	20	DFT-256QAM	M	Inner_1RB_Right	19.19	18.39	33.00	PASS
N7	15	20	DFT-256QAM	M	Outer_Full	18.86	18.06	33.00	PASS
N7	15	20	DFT-PI2BPSK	H	Inner_1RB_Left	23.31	22.51	33.00	PASS
N7	15	20	DFT-PI2BPSK	H	Inner_1RB_Right	23.26	22.46	33.00	PASS
N7	15	20	DFT-PI2BPSK	H	Outer_Full	22.40	21.60	33.00	PASS
N7	15	20	DFT-QPSK	H	Inner_1RB_Left	23.35	22.55	33.00	PASS
N7	15	20	DFT-QPSK	H	Inner_1RB_Right	23.24	22.44	33.00	PASS
N7	15	20	DFT-QPSK	H	Outer_Full	22.38	21.58	33.00	PASS
N7	15	20	DFT-16QAM	H	Inner_1RB_Left	22.38	21.58	33.00	PASS
N7	15	20	DFT-16QAM	H	Inner_1RB_Right	22.15	21.35	33.00	PASS
N7	15	20	DFT-16QAM	H	Outer_Full	21.38	20.58	33.00	PASS
N7	15	20	DFT-64QAM	H	Inner_1RB_Left	20.97	20.17	33.00	PASS
N7	15	20	DFT-64QAM	H	Inner_1RB_Right	20.89	20.09	33.00	PASS
N7	15	20	DFT-64QAM	H	Outer_Full	20.85	20.05	33.00	PASS
N7	15	20	DFT-256QAM	H	Inner_1RB_Left	18.79	17.99	33.00	PASS
N7	15	20	DFT-256QAM	H	Inner_1RB_Right	18.75	17.95	33.00	PASS
N7	15	20	DFT-256QAM	H	Outer_Full	18.84	18.04	33.00	PASS



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N7	15	25	DFT-PI2BPSK	L	Inner_1RB_Left	22.73	21.93	33.00	PASS
N7	15	25	DFT-PI2BPSK	L	Inner_1RB_Right	23.10	22.30	33.00	PASS
N7	15	25	DFT-PI2BPSK	L	Outer_Full	22.26	21.46	33.00	PASS
N7	15	25	DFT-QPSK	L	Inner_1RB_Left	22.82	22.02	33.00	PASS
N7	15	25	DFT-QPSK	L	Inner_1RB_Right	23.13	22.33	33.00	PASS
N7	15	25	DFT-QPSK	L	Outer_Full	22.27	21.47	33.00	PASS
N7	15	25	DFT-16QAM	L	Inner_1RB_Left	21.62	20.82	33.00	PASS
N7	15	25	DFT-16QAM	L	Inner_1RB_Right	21.92	21.12	33.00	PASS
N7	15	25	DFT-16QAM	L	Outer_Full	21.26	20.46	33.00	PASS
N7	15	25	DFT-64QAM	L	Inner_1RB_Left	20.45	19.65	33.00	PASS
N7	15	25	DFT-64QAM	L	Inner_1RB_Right	20.73	19.93	33.00	PASS
N7	15	25	DFT-64QAM	L	Outer_Full	20.79	19.99	33.00	PASS
N7	15	25	DFT-256QAM	L	Inner_1RB_Left	18.41	17.61	33.00	PASS
N7	15	25	DFT-256QAM	L	Inner_1RB_Right	18.73	17.93	33.00	PASS
N7	15	25	DFT-256QAM	L	Outer_Full	18.80	18.00	33.00	PASS
N7	15	25	DFT-PI2BPSK	M	Inner_1RB_Left	23.05	22.25	33.00	PASS
N7	15	25	DFT-PI2BPSK	M	Inner_1RB_Right	23.30	22.50	33.00	PASS
N7	15	25	DFT-PI2BPSK	M	Outer_Full	22.26	21.46	33.00	PASS
N7	15	25	DFT-QPSK	M	Inner_1RB_Left	23.10	22.30	33.00	PASS
N7	15	25	DFT-QPSK	M	Inner_1RB_Right	23.31	22.51	33.00	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	22.23	21.43	33.00	PASS
N7	15	25	DFT-16QAM	M	Inner_1RB_Left	21.95	21.15	33.00	PASS
N7	15	25	DFT-16QAM	M	Inner_1RB_Right	22.16	21.36	33.00	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	21.24	20.44	33.00	PASS
N7	15	25	DFT-64QAM	M	Inner_1RB_Left	20.71	19.91	33.00	PASS
N7	15	25	DFT-64QAM	M	Inner_1RB_Right	20.89	20.09	33.00	PASS
N7	15	25	DFT-64QAM	M	Outer_Full	20.77	19.97	33.00	PASS
N7	15	25	DFT-256QAM	M	Inner_1RB_Left	18.68	17.88	33.00	PASS
N7	15	25	DFT-256QAM	M	Inner_1RB_Right	18.85	18.05	33.00	PASS
N7	15	25	DFT-256QAM	M	Outer_Full	18.75	17.95	33.00	PASS
N7	15	25	DFT-PI2BPSK	H	Inner_1RB_Left	23.34	22.54	33.00	PASS
N7	15	25	DFT-PI2BPSK	H	Inner_1RB_Right	23.18	22.38	33.00	PASS
N7	15	25	DFT-PI2BPSK	H	Outer_Full	22.35	21.55	33.00	PASS
N7	15	25	DFT-QPSK	H	Inner_1RB_Left	23.40	22.60	33.00	PASS
N7	15	25	DFT-QPSK	H	Inner_1RB_Right	23.27	22.47	33.00	PASS
N7	15	25	DFT-QPSK	H	Outer_Full	22.37	21.57	33.00	PASS
N7	15	25	DFT-16QAM	H	Inner_1RB_Left	22.20	21.40	33.00	PASS



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N7	15	25	DFT-16QAM	H	Inner_1RB_Right	22.09	21.29	33.00	PASS
N7	15	25	DFT-16QAM	H	Outer_Full	21.36	20.56	33.00	PASS
N7	15	25	DFT-64QAM	H	Inner_1RB_Left	20.98	20.18	33.00	PASS
N7	15	25	DFT-64QAM	H	Inner_1RB_Right	20.88	20.08	33.00	PASS
N7	15	25	DFT-64QAM	H	Outer_Full	20.87	20.07	33.00	PASS
N7	15	25	DFT-256QAM	H	Inner_1RB_Left	18.96	18.16	33.00	PASS
N7	15	25	DFT-256QAM	H	Inner_1RB_Right	18.81	18.01	33.00	PASS
N7	15	25	DFT-256QAM	H	Outer_Full	18.89	18.09	33.00	PASS
N7	15	30	DFT-PI2BPSK	L	Inner_1RB_Left	22.59	21.79	33.00	PASS
N7	15	30	DFT-PI2BPSK	L	Inner_1RB_Right	22.81	22.01	33.00	PASS
N7	15	30	DFT-PI2BPSK	L	Outer_Full	22.21	21.41	33.00	PASS
N7	15	30	DFT-QPSK	L	Inner_1RB_Left	22.66	21.86	33.00	PASS
N7	15	30	DFT-QPSK	L	Inner_1RB_Right	22.88	22.08	33.00	PASS
N7	15	30	DFT-QPSK	L	Outer_Full	22.23	21.43	33.00	PASS
N7	15	30	DFT-16QAM	L	Inner_1RB_Left	21.48	20.68	33.00	PASS
N7	15	30	DFT-16QAM	L	Inner_1RB_Right	21.77	20.97	33.00	PASS
N7	15	30	DFT-16QAM	L	Outer_Full	21.24	20.44	33.00	PASS
N7	15	30	DFT-64QAM	L	Inner_1RB_Left	20.30	19.50	33.00	PASS
N7	15	30	DFT-64QAM	L	Inner_1RB_Right	20.55	19.75	33.00	PASS
N7	15	30	DFT-64QAM	L	Outer_Full	20.71	19.91	33.00	PASS
N7	15	30	DFT-256QAM	L	Inner_1RB_Left	18.20	17.40	33.00	PASS
N7	15	30	DFT-256QAM	L	Inner_1RB_Right	18.44	17.64	33.00	PASS
N7	15	30	DFT-256QAM	L	Outer_Full	18.72	17.92	33.00	PASS
N7	15	30	DFT-PI2BPSK	M	Inner_1RB_Left	22.91	22.11	33.00	PASS
N7	15	30	DFT-PI2BPSK	M	Inner_1RB_Right	23.10	22.30	33.00	PASS
N7	15	30	DFT-PI2BPSK	M	Outer_Full	22.27	21.47	33.00	PASS
N7	15	30	DFT-QPSK	M	Inner_1RB_Left	23.02	22.22	33.00	PASS
N7	15	30	DFT-QPSK	M	Inner_1RB_Right	23.16	22.36	33.00	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	22.02	21.22	33.00	PASS
N7	15	30	DFT-16QAM	M	Inner_1RB_Left	21.86	21.06	33.00	PASS
N7	15	30	DFT-16QAM	M	Inner_1RB_Right	21.94	21.14	33.00	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	21.25	20.45	33.00	PASS
N7	15	30	DFT-64QAM	M	Inner_1RB_Left	20.63	19.83	33.00	PASS
N7	15	30	DFT-64QAM	M	Inner_1RB_Right	20.81	20.01	33.00	PASS
N7	15	30	DFT-64QAM	M	Outer_Full	20.74	19.94	33.00	PASS
N7	15	30	DFT-256QAM	M	Inner_1RB_Left	18.48	17.68	33.00	PASS
N7	15	30	DFT-256QAM	M	Inner_1RB_Right	18.59	17.79	33.00	PASS



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N7	15	30	DFT-256QAM	M	Outer_Full	18.68	17.88	33.00	PASS
N7	15	30	DFT-PI2BPSK	H	Inner_1RB_Left	23.08	22.28	33.00	PASS
N7	15	30	DFT-PI2BPSK	H	Inner_1RB_Right	22.92	22.12	33.00	PASS
N7	15	30	DFT-PI2BPSK	H	Outer_Full	22.12	21.32	33.00	PASS
N7	15	30	DFT-QPSK	H	Inner_1RB_Left	23.15	22.35	33.00	PASS
N7	15	30	DFT-QPSK	H	Inner_1RB_Right	23.03	22.23	33.00	PASS
N7	15	30	DFT-QPSK	H	Outer_Full	22.20	21.40	33.00	PASS
N7	15	30	DFT-16QAM	H	Inner_1RB_Left	21.83	21.03	33.00	PASS
N7	15	30	DFT-16QAM	H	Inner_1RB_Right	21.79	20.99	33.00	PASS
N7	15	30	DFT-16QAM	H	Outer_Full	21.36	20.56	33.00	PASS
N7	15	30	DFT-64QAM	H	Inner_1RB_Left	20.80	20.00	33.00	PASS
N7	15	30	DFT-64QAM	H	Inner_1RB_Right	20.73	19.93	33.00	PASS
N7	15	30	DFT-64QAM	H	Outer_Full	20.84	20.04	33.00	PASS
N7	15	30	DFT-256QAM	H	Inner_1RB_Left	18.71	17.91	33.00	PASS
N7	15	30	DFT-256QAM	H	Inner_1RB_Right	18.67	17.87	33.00	PASS
N7	15	30	DFT-256QAM	H	Outer_Full	18.83	18.03	33.00	PASS
N7	15	40	DFT-PI2BPSK	L	Inner_1RB_Left	22.43	21.63	33.00	PASS
N7	15	40	DFT-PI2BPSK	L	Inner_1RB_Right	22.87	22.07	33.00	PASS
N7	15	40	DFT-PI2BPSK	L	Outer_Full	22.14	21.34	33.00	PASS
N7	15	40	DFT-QPSK	L	Inner_1RB_Left	22.44	21.64	33.00	PASS
N7	15	40	DFT-QPSK	L	Inner_1RB_Right	22.90	22.10	33.00	PASS
N7	15	40	DFT-QPSK	L	Outer_Full	22.17	21.37	33.00	PASS
N7	15	40	DFT-16QAM	L	Inner_1RB_Left	21.25	20.45	33.00	PASS
N7	15	40	DFT-16QAM	L	Inner_1RB_Right	21.71	20.91	33.00	PASS
N7	15	40	DFT-16QAM	L	Outer_Full	21.18	20.38	33.00	PASS
N7	15	40	DFT-64QAM	L	Inner_1RB_Left	20.10	19.30	33.00	PASS
N7	15	40	DFT-64QAM	L	Inner_1RB_Right	20.50	19.70	33.00	PASS
N7	15	40	DFT-64QAM	L	Outer_Full	20.68	19.88	33.00	PASS
N7	15	40	DFT-256QAM	L	Inner_1RB_Left	18.08	17.28	33.00	PASS
N7	15	40	DFT-256QAM	L	Inner_1RB_Right	18.44	17.64	33.00	PASS
N7	15	40	DFT-256QAM	L	Outer_Full	18.66	17.86	33.00	PASS
N7	15	40	DFT-PI2BPSK	M	Inner_1RB_Left	22.85	22.05	33.00	PASS
N7	15	40	DFT-PI2BPSK	M	Inner_1RB_Right	22.81	22.01	33.00	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	22.19	21.39	33.00	PASS
N7	15	40	DFT-QPSK	M	Inner_1RB_Left	22.94	22.14	33.00	PASS
N7	15	40	DFT-QPSK	M	Inner_1RB_Right	22.94	22.14	33.00	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	22.18	21.38	33.00	PASS



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N7	15	40	DFT-16QAM	M	Inner_1RB_Left	21.75	20.95	33.00	PASS
N7	15	40	DFT-16QAM	M	Inner_1RB_Right	21.71	20.91	33.00	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	21.25	20.45	33.00	PASS
N7	15	40	DFT-64QAM	M	Inner_1RB_Left	20.60	19.80	33.00	PASS
N7	15	40	DFT-64QAM	M	Inner_1RB_Right	20.53	19.73	33.00	PASS
N7	15	40	DFT-64QAM	M	Outer_Full	20.70	19.90	33.00	PASS
N7	15	40	DFT-256QAM	M	Inner_1RB_Left	18.51	17.71	33.00	PASS
N7	15	40	DFT-256QAM	M	Inner_1RB_Right	18.39	17.59	33.00	PASS
N7	15	40	DFT-256QAM	M	Outer_Full	18.66	17.86	33.00	PASS
N7	15	40	DFT-PI2BPSK	H	Inner_1RB_Left	22.69	21.89	33.00	PASS
N7	15	40	DFT-PI2BPSK	H	Inner_1RB_Right	22.87	22.07	33.00	PASS
N7	15	40	DFT-PI2BPSK	H	Outer_Full	22.32	21.52	33.00	PASS
N7	15	40	DFT-QPSK	H	Inner_1RB_Left	22.74	21.94	33.00	PASS
N7	15	40	DFT-QPSK	H	Inner_1RB_Right	22.89	22.09	33.00	PASS
N7	15	40	DFT-QPSK	H	Outer_Full	22.34	21.54	33.00	PASS
N7	15	40	DFT-16QAM	H	Inner_1RB_Left	21.61	20.81	33.00	PASS
N7	15	40	DFT-16QAM	H	Inner_1RB_Right	21.73	20.93	33.00	PASS
N7	15	40	DFT-16QAM	H	Outer_Full	21.34	20.54	33.00	PASS
N7	15	40	DFT-64QAM	H	Inner_1RB_Left	20.35	19.55	33.00	PASS
N7	15	40	DFT-64QAM	H	Inner_1RB_Right	20.51	19.71	33.00	PASS
N7	15	40	DFT-64QAM	H	Outer_Full	20.85	20.05	33.00	PASS
N7	15	40	DFT-256QAM	H	Inner_1RB_Left	18.19	17.39	33.00	PASS
N7	15	40	DFT-256QAM	H	Inner_1RB_Right	18.45	17.65	33.00	PASS
N7	15	40	DFT-256QAM	H	Outer_Full	18.80	18.00	33.00	PASS



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Peak-to-Average Ratio(CCDF) for SA

Test Result

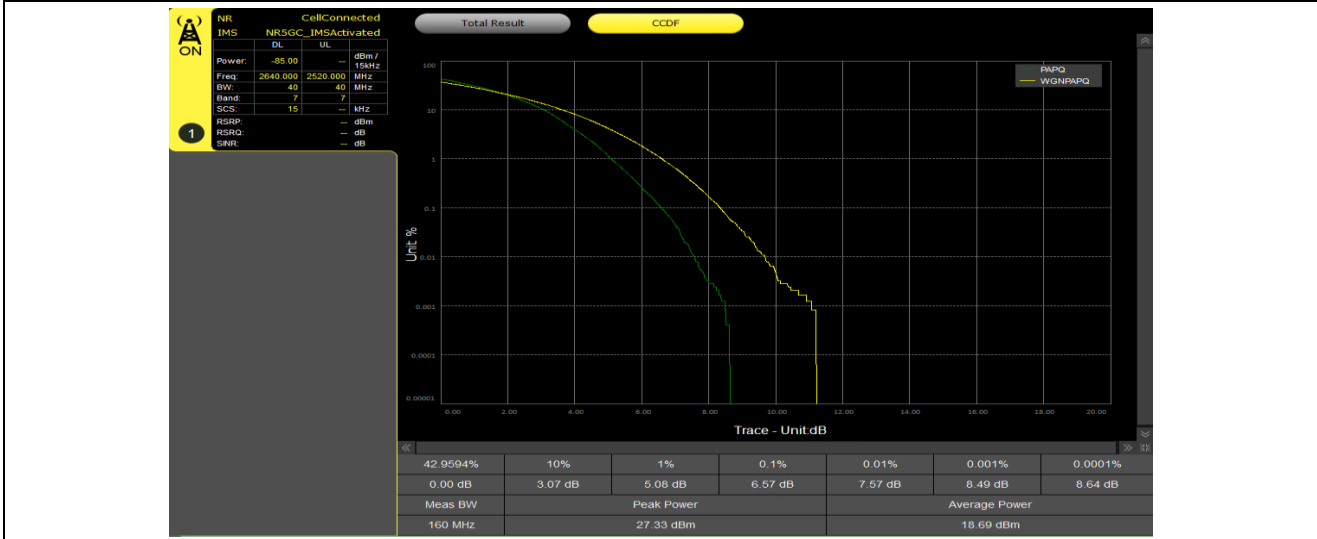
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Result (dB)	Limit (dB)	Verdict
N7	15	40	DFT-256QAM	L	Outer_Full	6.57	≤13	PASS
N7	15	40	CP-256QAM	L	Outer_Full	8.22	≤13	PASS
N7	15	40	DFT-256QAM	M	Outer_Full	6.60	≤13	PASS
N7	15	40	CP-256QAM	M	Outer_Full	8.31	≤13	PASS
N7	15	40	DFT-256QAM	H	Outer_Full	6.60	≤13	PASS
N7	15	40	CP-256QAM	H	Outer_Full	8.37	≤13	PASS



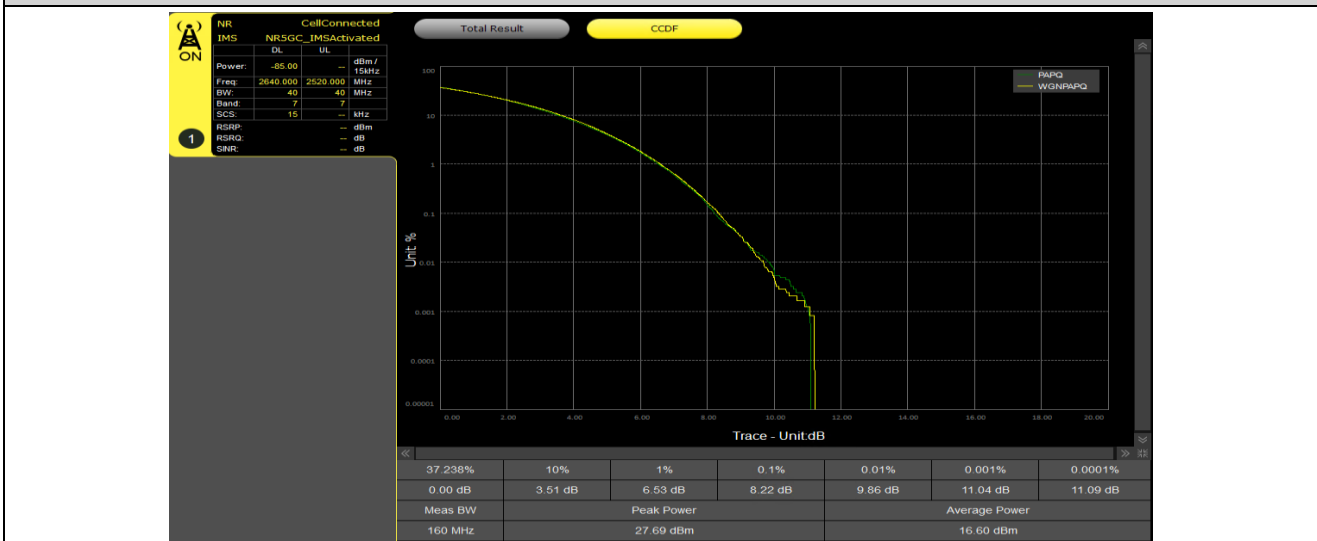
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Test Graphs



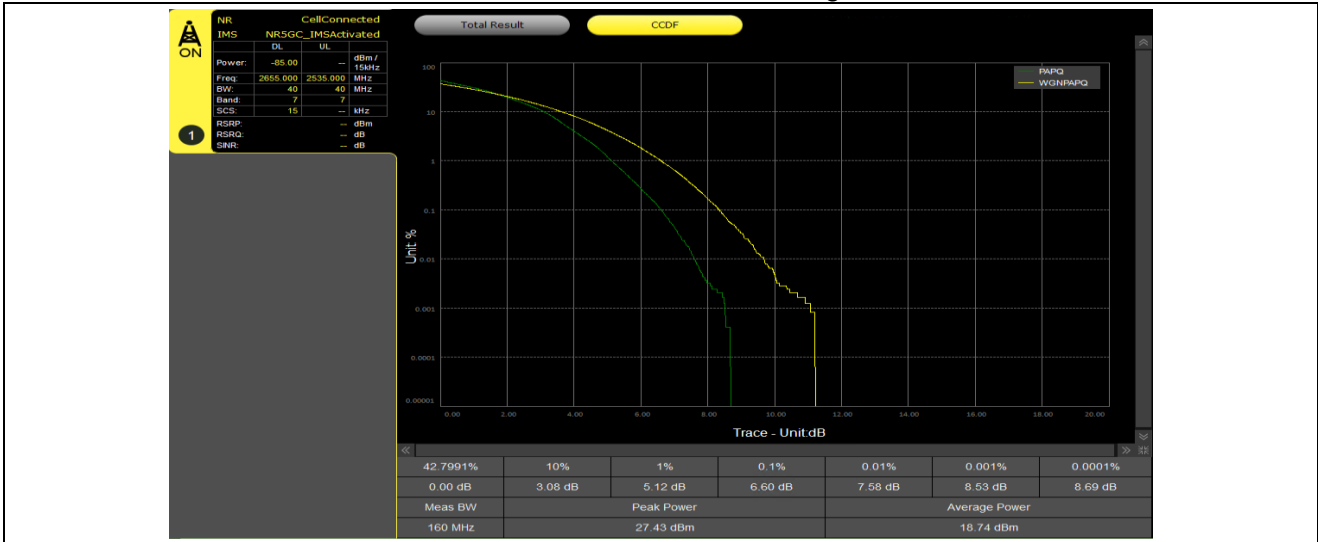
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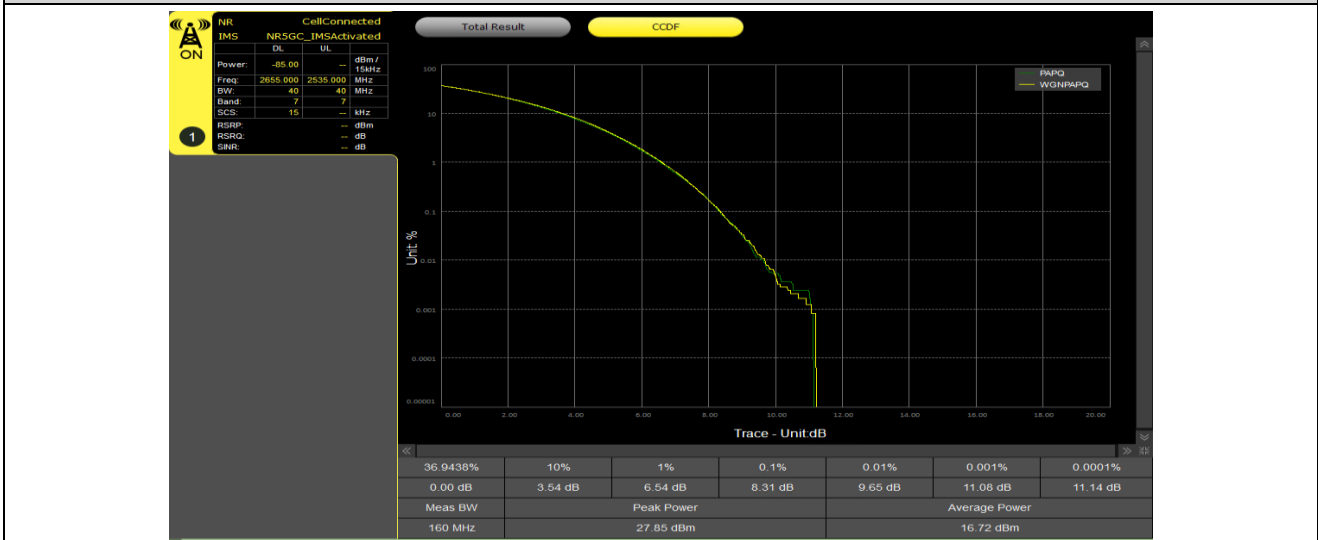
1-N7-PC3-15-40-L-2-CP-256QAM-Outer_Full-216@0-Ant3-8.22-100%-0.00-8.22-PASS-≤13



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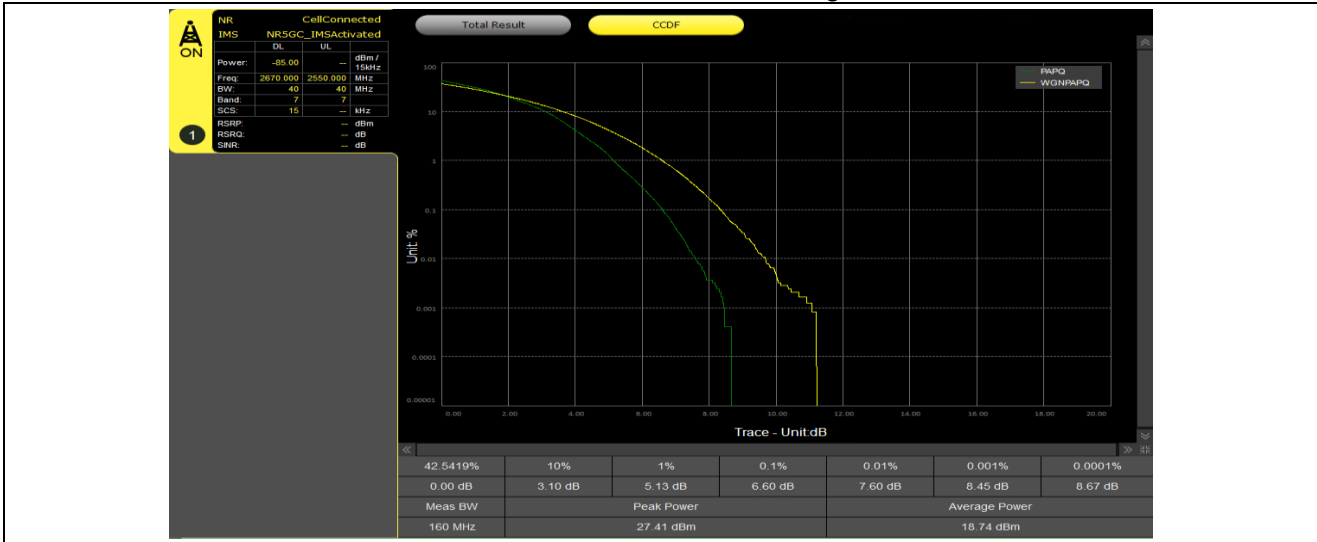


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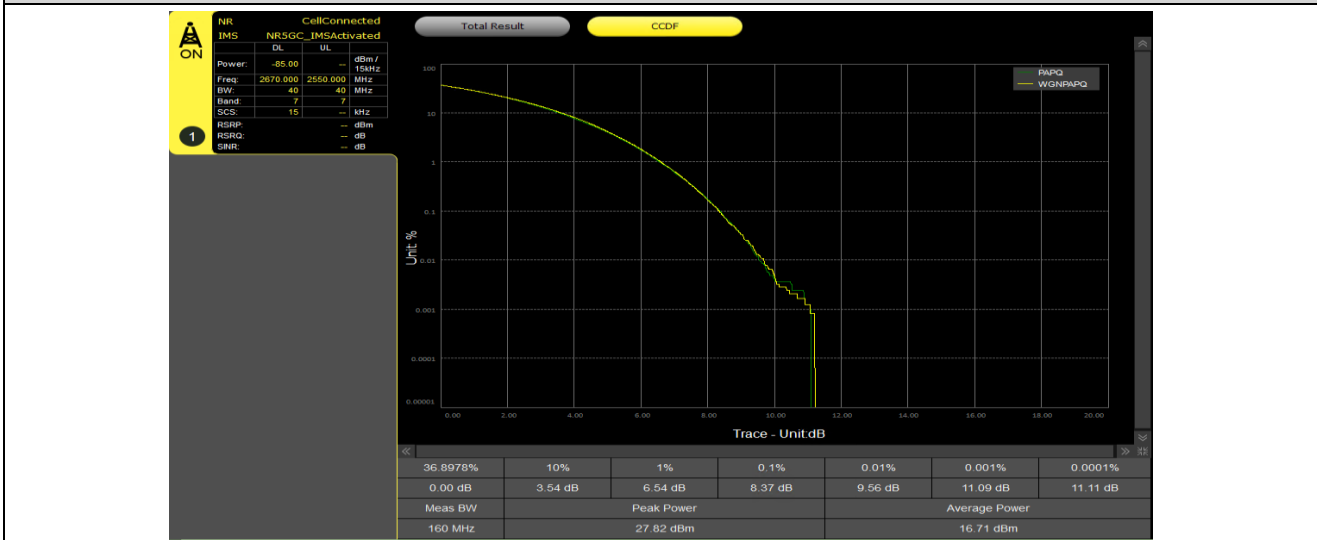


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1-N7-PC3-15-40-H-1-DFT-256QAM-Outer_Full-216@0-Ant3-6.60-100%-0.00-6.60-PASS-≤13



1-N7-PC3-15-40-H-2-CP-256QAM-Outer_Full-216@0-Ant3-8.37-100%-0.00-8.37-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
N7	15	5	DFT-PI2BPSK	M	Outer_Full	4.48	4.880	PASS
N7	15	5	DFT-QPSK	M	Outer_Full	4.48	4.860	PASS
N7	15	5	DFT-16QAM	M	Outer_Full	4.48	4.860	PASS
N7	15	5	DFT-64QAM	M	Outer_Full	4.5	4.840	PASS
N7	15	5	DFT-256QAM	M	Outer_Full	4.5	4.840	PASS
N7	15	5	CP-QPSK	M	Outer_Full	4.46	4.880	PASS
N7	15	5	CP-16QAM	M	Outer_Full	4.5	4.900	PASS
N7	15	5	CP-64QAM	M	Outer_Full	4.5	4.880	PASS
N7	15	5	CP-256QAM	M	Outer_Full	4.48	4.900	PASS
N7	15	10	DFT-PI2BPSK	M	Outer_Full	8.96	9.680	PASS
N7	15	10	DFT-QPSK	M	Outer_Full	8.92	9.680	PASS
N7	15	10	DFT-16QAM	M	Outer_Full	8.96	9.640	PASS
N7	15	10	DFT-64QAM	M	Outer_Full	8.96	9.640	PASS
N7	15	10	DFT-256QAM	M	Outer_Full	8.96	9.680	PASS
N7	15	10	CP-QPSK	M	Outer_Full	9.32	9.920	PASS
N7	15	10	CP-16QAM	M	Outer_Full	9.32	10.080	PASS
N7	15	10	CP-64QAM	M	Outer_Full	9.32	9.880	PASS
N7	15	10	CP-256QAM	M	Outer_Full	9.28	10.000	PASS
N7	15	15	DFT-PI2BPSK	M	Outer_Full	13.5	14.400	PASS
N7	15	15	DFT-QPSK	M	Outer_Full	13.44	14.340	PASS
N7	15	15	DFT-16QAM	M	Outer_Full	13.5	14.520	PASS
N7	15	15	DFT-64QAM	M	Outer_Full	13.5	14.460	PASS
N7	15	15	DFT-256QAM	M	Outer_Full	13.44	14.340	PASS
N7	15	15	CP-QPSK	M	Outer_Full	14.175	15.150	PASS
N7	15	15	CP-16QAM	M	Outer_Full	14.1	15.150	PASS
N7	15	15	CP-64QAM	M	Outer_Full	14.175	15.150	PASS
N7	15	15	CP-256QAM	M	Outer_Full	14.25	15.150	PASS
N7	15	20	DFT-PI2BPSK	M	Outer_Full	18	19.300	PASS
N7	15	20	DFT-QPSK	M	Outer_Full	17.9	19.200	PASS
N7	15	20	DFT-16QAM	M	Outer_Full	18	19.200	PASS
N7	15	20	DFT-64QAM	M	Outer_Full	18	19.200	PASS



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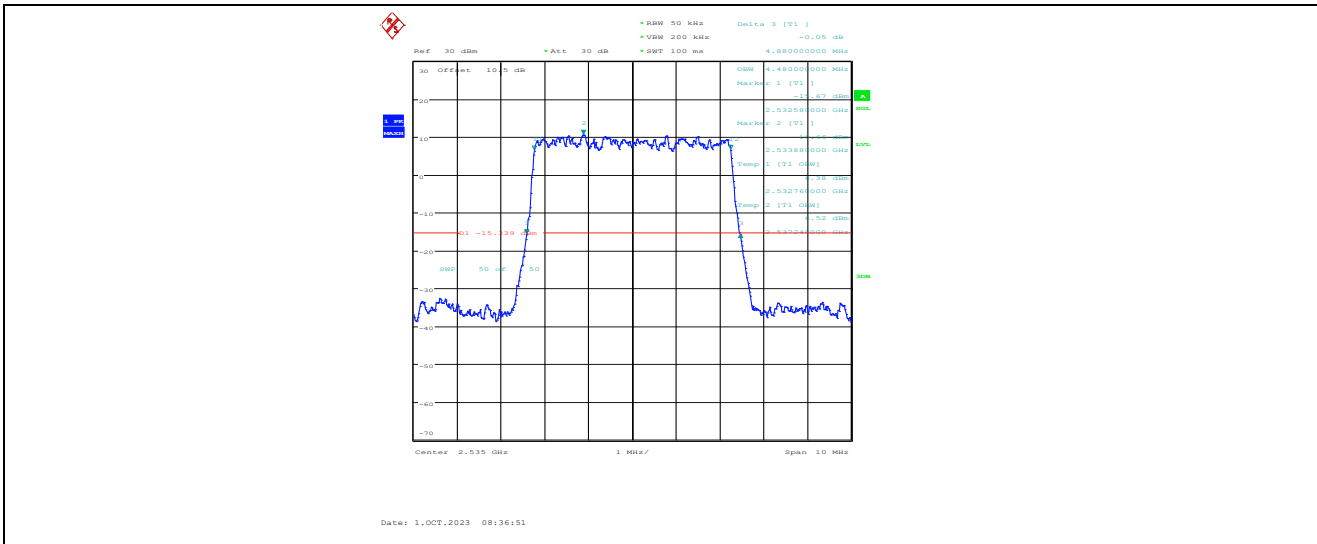
Report No.: XEWM2309000451RG02
 Rev.: 01
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N7	15	20	DFT-256QAM	M	Outer_Full	17.9	19.300	PASS
N7	15	20	CP-QPSK	M	Outer_Full	19	20.300	PASS
N7	15	20	CP-16QAM	M	Outer_Full	19	20.200	PASS
N7	15	20	CP-64QAM	M	Outer_Full	19	20.200	PASS
N7	15	20	CP-256QAM	M	Outer_Full	19	20.200	PASS
N7	15	25	DFT-PI2BPSK	M	Outer_Full	23	24.500	PASS
N7	15	25	DFT-QPSK	M	Outer_Full	23	24.625	PASS
N7	15	25	DFT-16QAM	M	Outer_Full	23	24.500	PASS
N7	15	25	DFT-64QAM	M	Outer_Full	23	24.625	PASS
N7	15	25	DFT-256QAM	M	Outer_Full	23	24.375	PASS
N7	15	25	CP-QPSK	M	Outer_Full	23.875	25.250	PASS
N7	15	25	CP-16QAM	M	Outer_Full	23.875	25.375	PASS
N7	15	25	CP-64QAM	M	Outer_Full	23.875	25.500	PASS
N7	15	25	CP-256QAM	M	Outer_Full	23.75	25.375	PASS
N7	15	30	DFT-PI2BPSK	M	Outer_Full	28.56	29.940	PASS
N7	15	30	DFT-QPSK	M	Outer_Full	28.6	30.100	PASS
N7	15	30	DFT-16QAM	M	Outer_Full	28.6	30.100	PASS
N7	15	30	DFT-64QAM	M	Outer_Full	28.6	30.000	PASS
N7	15	30	DFT-256QAM	M	Outer_Full	28.6	30.000	PASS
N7	15	30	CP-QPSK	M	Outer_Full	28.7	30.100	PASS
N7	15	30	CP-16QAM	M	Outer_Full	28.6	30.200	PASS
N7	15	30	CP-64QAM	M	Outer_Full	28.7	30.100	PASS
N7	15	30	CP-256QAM	M	Outer_Full	28.6	30.100	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	38.667	41.067	PASS
N7	15	40	DFT-QPSK	M	Outer_Full	38.667	40.933	PASS
N7	15	40	DFT-16QAM	M	Outer_Full	38.667	40.800	PASS
N7	15	40	DFT-64QAM	M	Outer_Full	38.667	40.800	PASS
N7	15	40	DFT-256QAM	M	Outer_Full	38.667	40.800	PASS
N7	15	40	CP-QPSK	M	Outer_Full	38.667	40.800	PASS
N7	15	40	CP-16QAM	M	Outer_Full	38.667	40.667	PASS
N7	15	40	CP-64QAM	M	Outer_Full	38.667	40.800	PASS
N7	15	40	CP-256QAM	M	Outer_Full	38.667	40.667	PASS

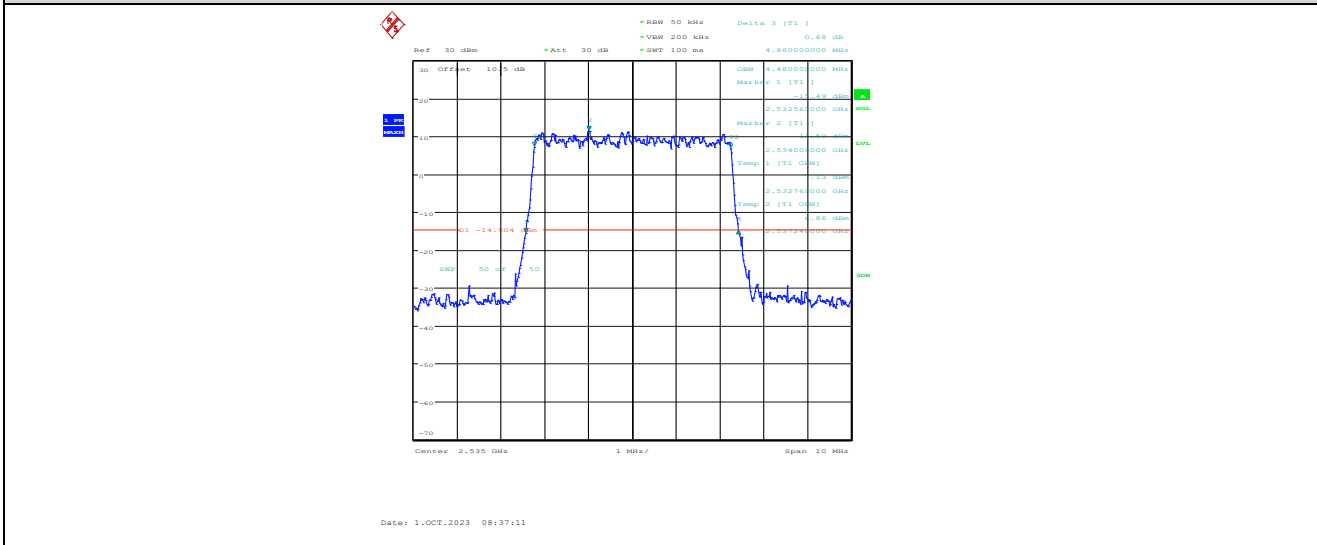


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Test Graphs



1-N7-PC3-15-5-M-1-DFT-PI2BPSK-Outer_Full-25@0-Ant3-4.48-4.880-≤5-PASS

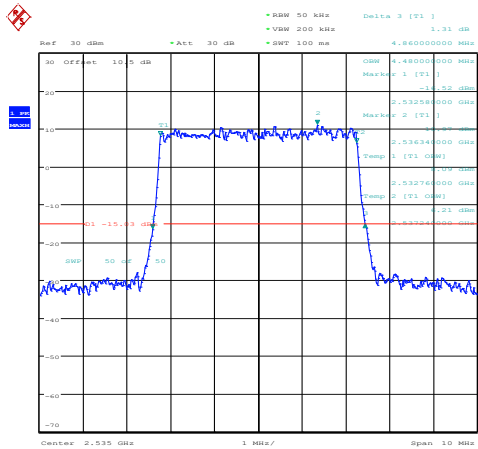


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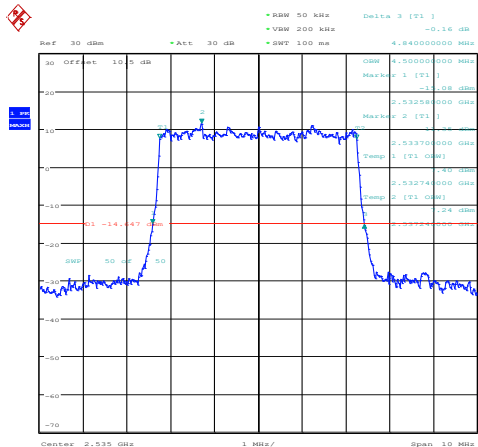
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Date: 1.OCT.2023 08:37:31

1-N7-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant3-4.48-4.860-≤5-PASS



Date: 1.OCT.2023 08:37:52

1-N7-PC3-15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant3-4.5-4.840-≤5-PASS



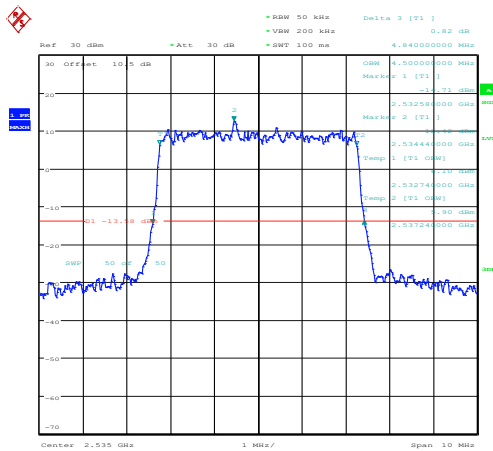
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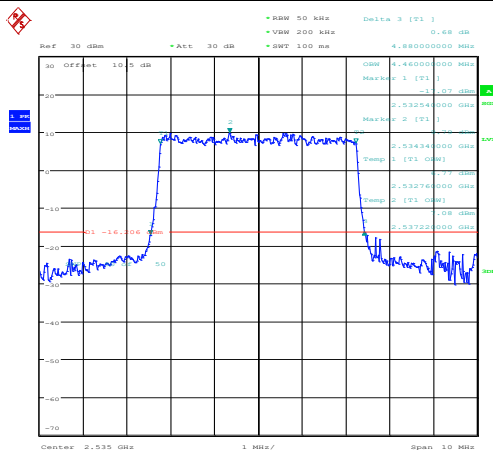
Report No.: XEWM2309000451RG02

Rev.: 01

Page: 19 of 105



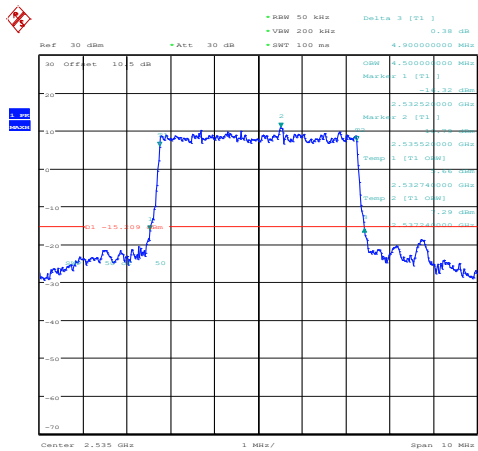
1-N7-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant3-4.5-4.840-≤5-PASS



1-N7-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant3-4.46-4.880-≤5-PASS

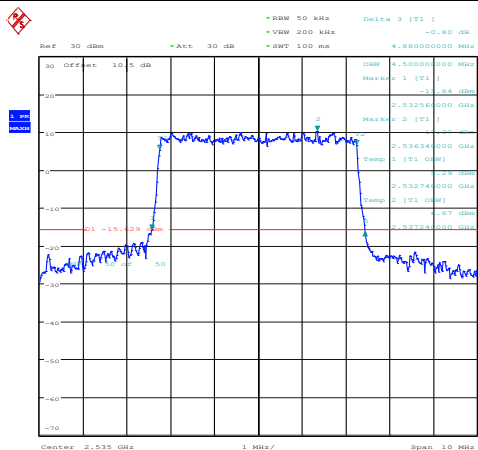


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1-N7-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant3-4.5-4.900-≤5-PASS



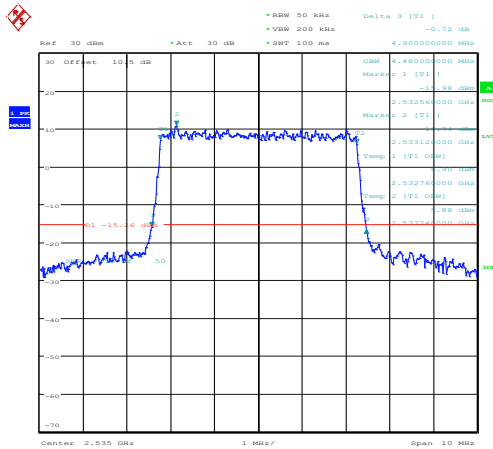
Date: 1.OCT.2023 08:40:17

1-N7-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant3-4.5-4.880-≤5-PASS



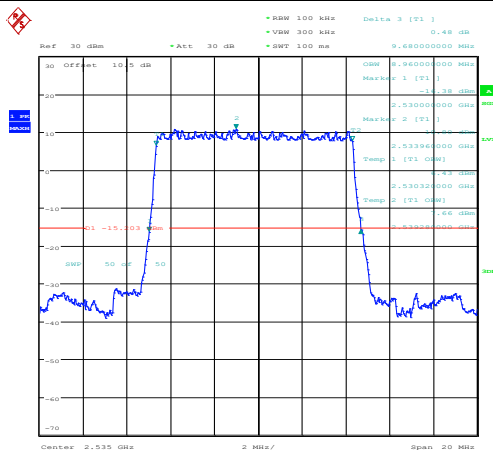
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Date: 1.OCT.2023 08:40:37

1-N7-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant3-4.48-4.900-≤5-PASS



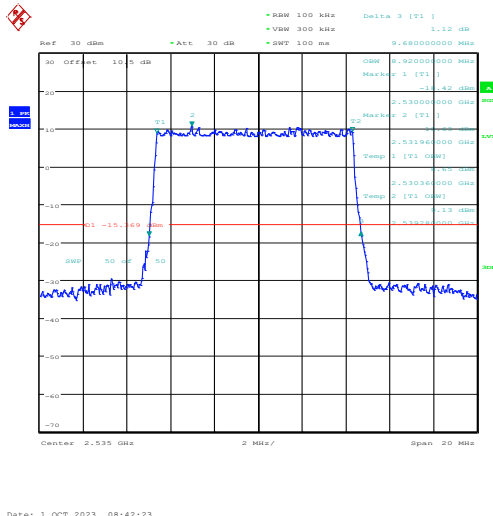
Date: 1.OCT.2023 08:42:02

1-N7-PC3-15-10-M-1-DFT-PI2BPSK-Outer_Full-50@0-Ant3-8.96-9.680-≤10-PASS



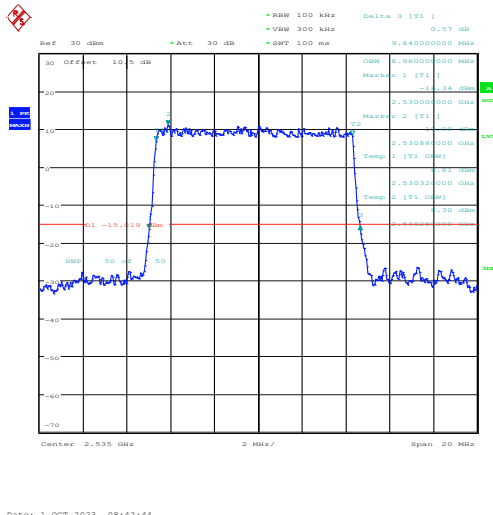
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Date: 1.OCT.2023 08:42:23

1-N7-PC3-15-10-M-2-DFT-QPSK-Outer_Full-50@0-Ant3-8.92-9.680-≤10-PASS



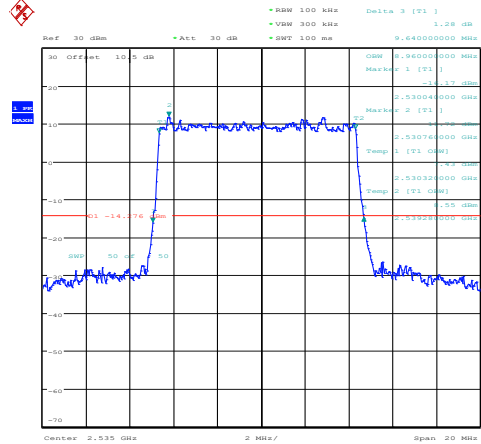
Date: 1.OCT.2023 08:42:44

1-N7-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant3-8.96-9.640-≤10-PASS



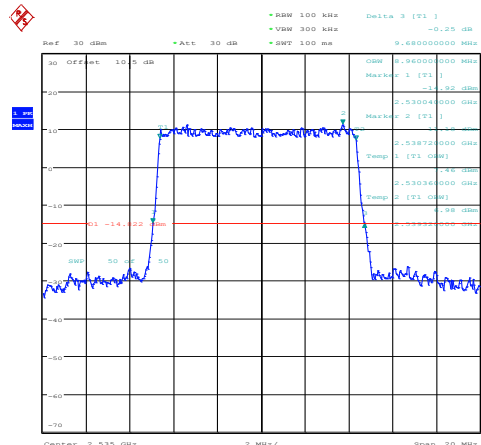
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Date: 1.OCT.2023 08:43:04

1-N7-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant3-8.96-9.640-≤10-PASS



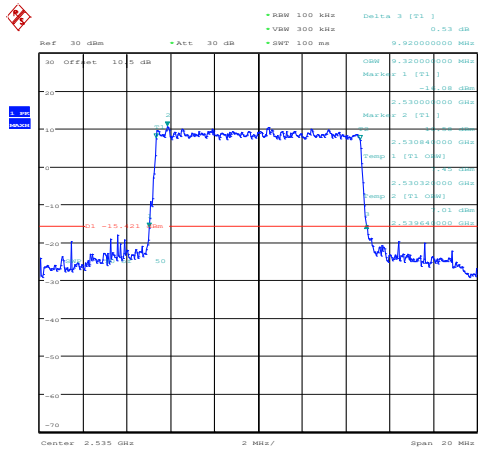
Date: 1.OCT.2023 08:43:26

1-N7-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50@0-Ant3-8.96-9.680-≤10-PASS



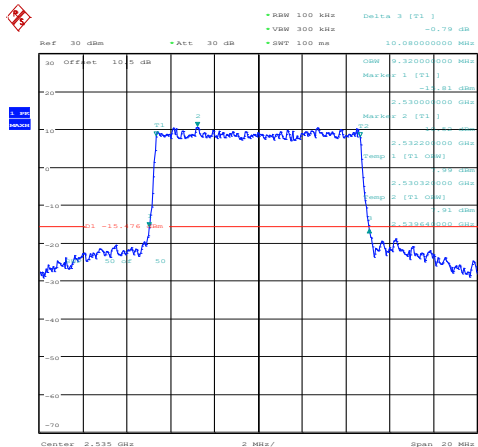
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Date: 1.OCT.2023 08:44:49

1-N7-PC3-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant3-9.32-9.920-≤10-PASS



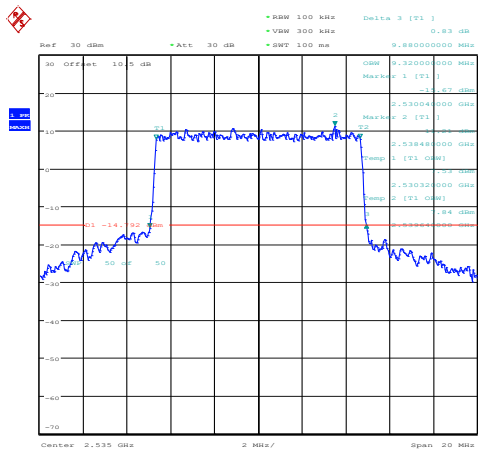
Date: 1.OCT.2023 08:45:10

1-N7-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant3-9.32-10.080-≤10-PASS



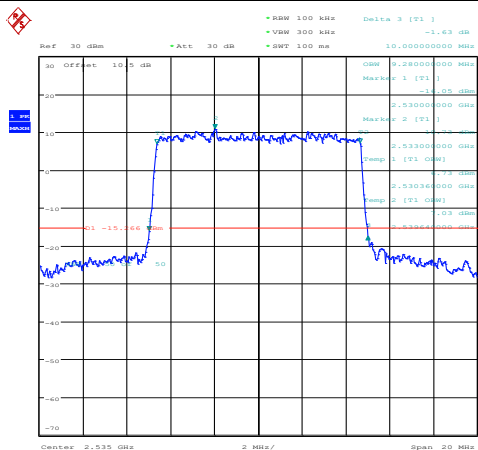
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Date: 1.OCT.2023 08:45:31

1-N7-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant3-9.32-9.880-≤10-PASS



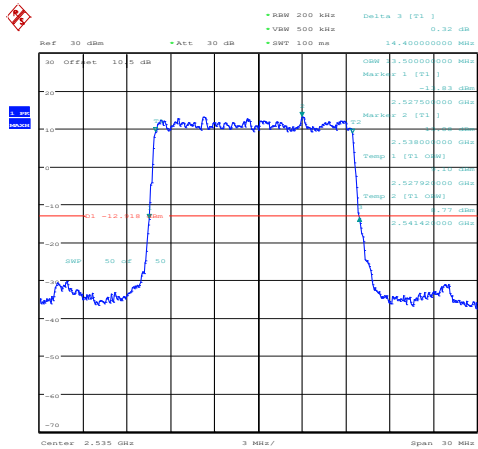
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1-N7-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant3-9.28-10.000-≤10-PASS



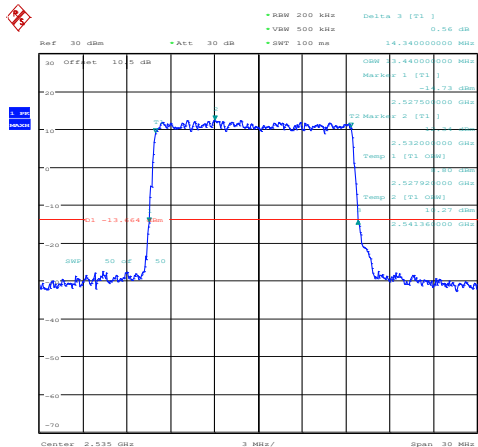
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Date: 1.OCT.2023 08:47:18

1-N7-PC3-15-15-M-1-DFT-PI2BPSK-Outer_Full-75@0-Ant3-13.5-14.400-≤15-PASS



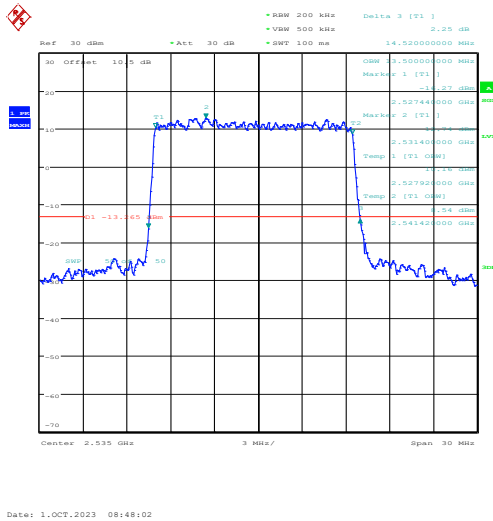
Date: 1.OCT.2023 08:47:40

1-N7-PC3-15-15-M-2-DFT-QPSK-Outer_Full-75@0-Ant3-13.44-14.340-≤15-PASS

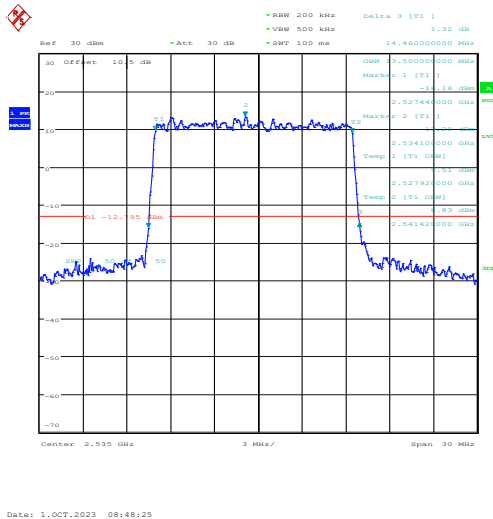


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1-N7-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant3-13.5-14.520-≤15-PASS

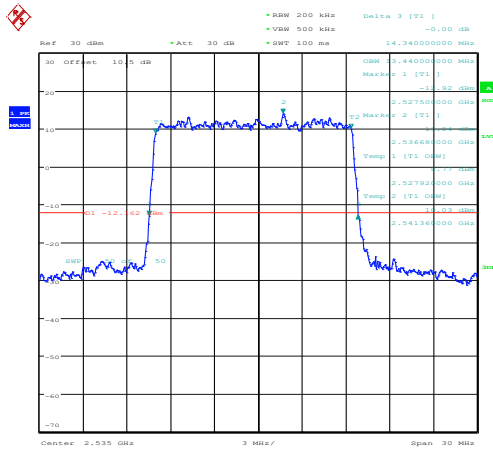


1-N7-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75@0-Ant3-13.5-14.460-≤15-PASS



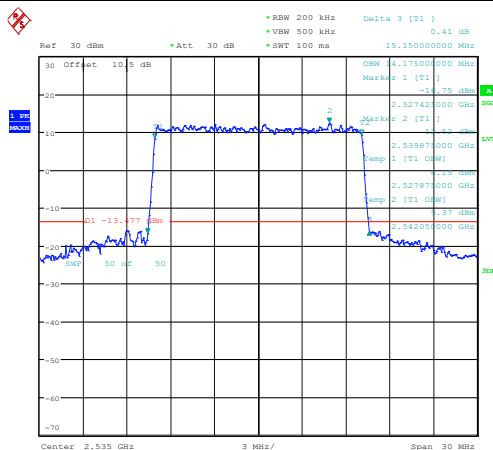
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Date: 1.OCT.2023 08:48:47

1-N7-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75@0-Ant3-13.44-14.340≤15-PASS



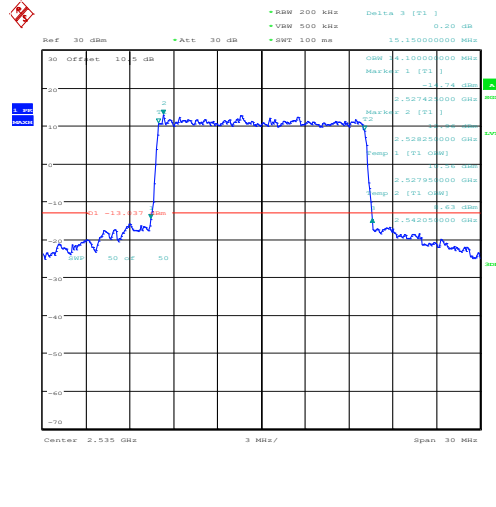
Date: 1.OCT.2023 08:57:51

1-N7-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant3-14.175-15.150≤15-PASS

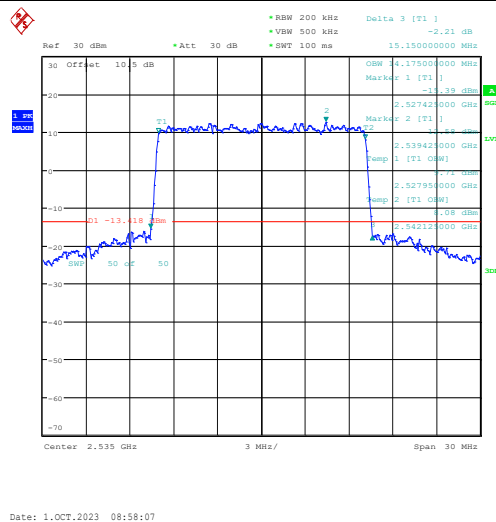


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1-N7-PC3-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant3-14.1-15.150-≤15-PASS

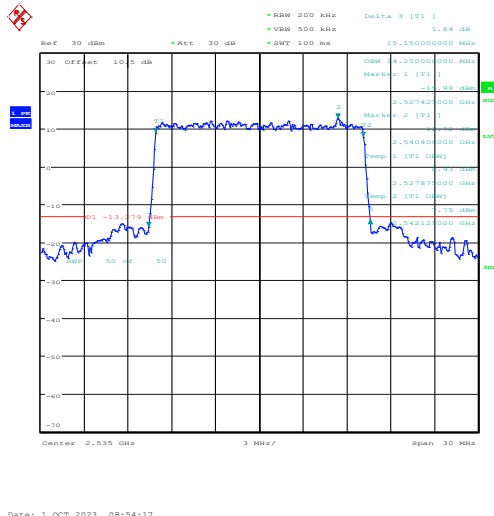


1-N7-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant3-14.175-15.150-≤15-PASS

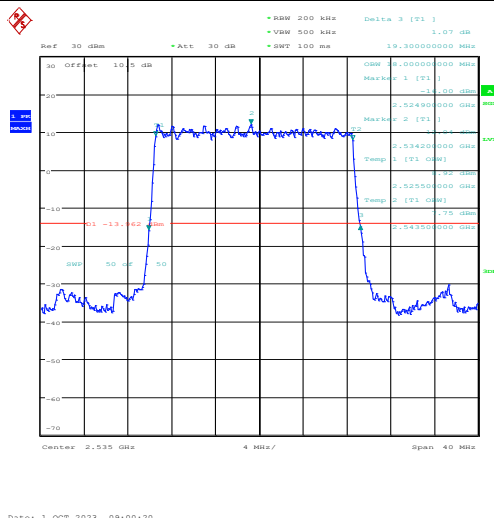


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1-N7-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant3-14.25-15.150-≤ 15-PASS

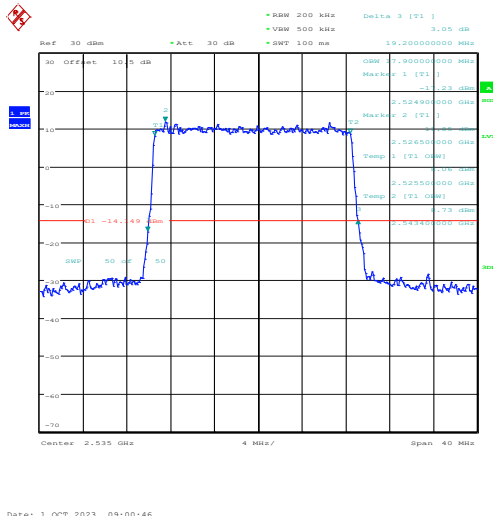


1-N7-PC3-15-20-M-1-DFT-PI2BPSK-Outer_Full-100@0-Ant3-18-19.300-≤ 20-PASS

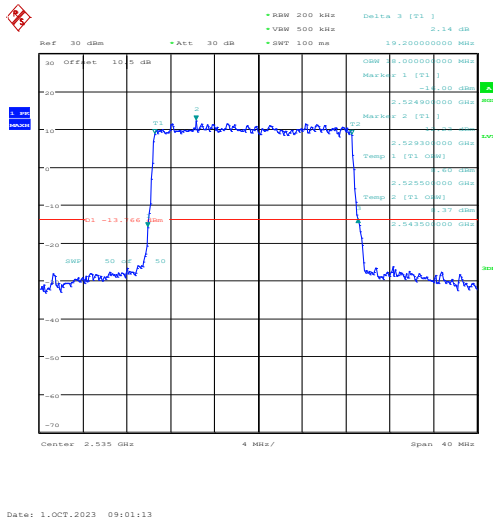


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1-N7-PC3-15-20-M-2-DFT-QPSK-Outer_Full-100@0-Ant3-17.9-19.200-≤20-PASS



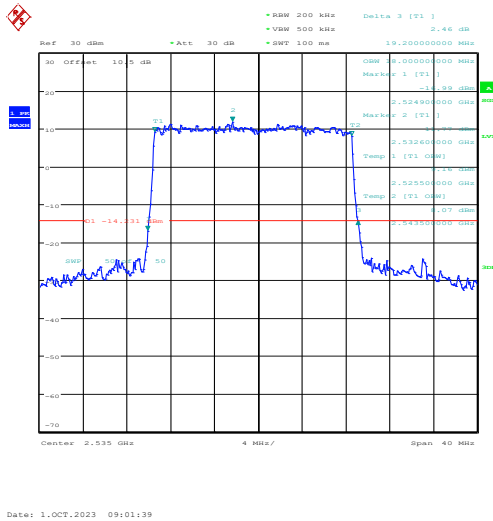
1-N7-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant3-18-19.200-≤20-PASS



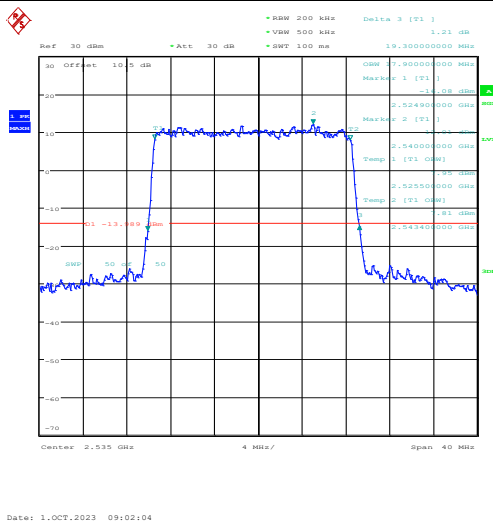
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1-N7-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant3-18.200-≤20-PASS



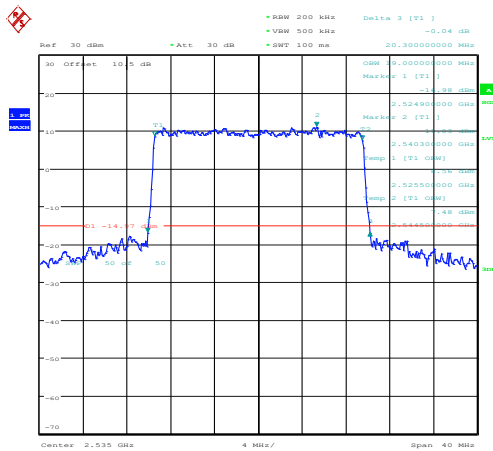
1-N7-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant3-17.9-19.300-≤20-PASS



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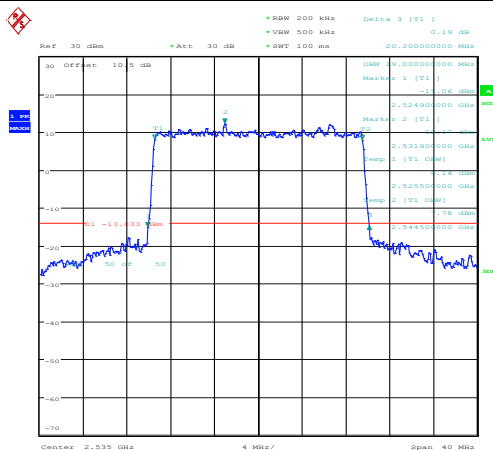
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Date: 1.OCT.2023 09:03:34

1-N7-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant3-19-20.300-≤20-PASS

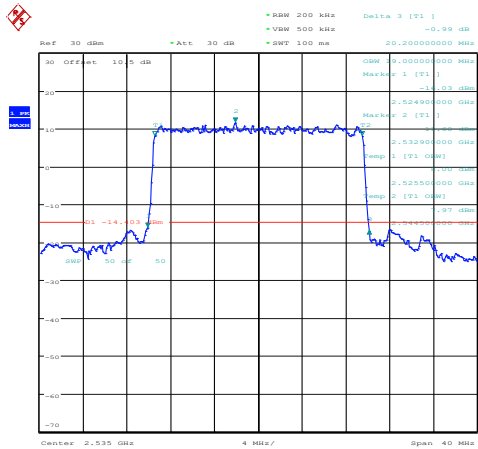


Date: 1.OCT.2023 09:03:59

1-N7-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0-Ant3-19-20.200-≤20-PASS

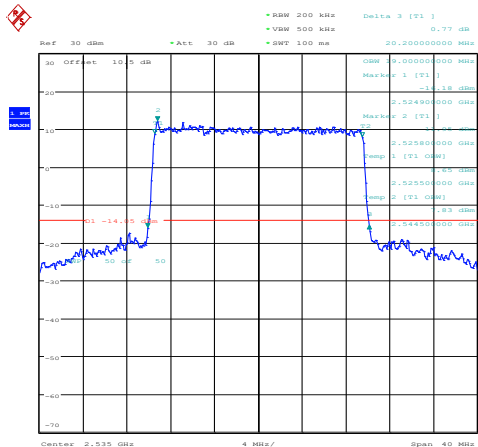


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Date: 1.OCT.2023 09:04:25

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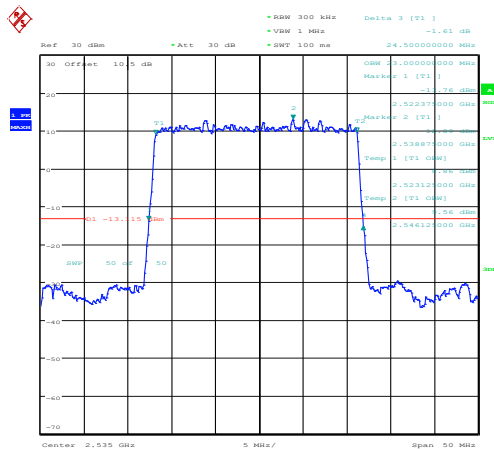
Date: 1.OCT.2023 09:04:52

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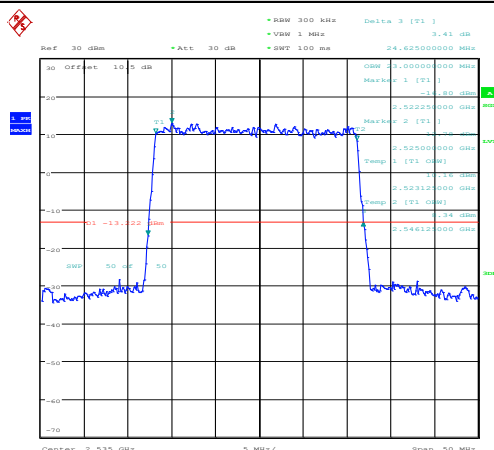
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Date: 1.OCT.2023 09:06:23

1-N7-PC3-15-25-M-1-DFT-PI2BPSK-Outer_Full-128@0-Ant3-23-24.500-≤25-PASS

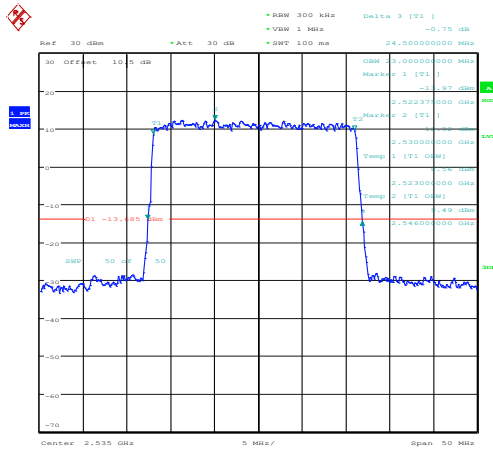


Date: 1.OCT.2023 09:07:32

1-N7-PC3-15-25-M-2-DFT-QPSK-Outer_Full-128@0-Ant3-23-24.625-≤25-PASS

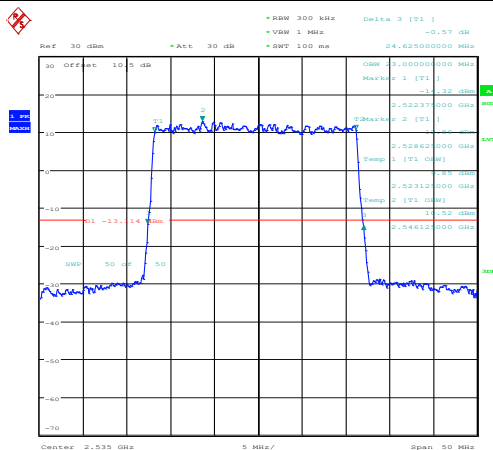


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Date: 1.OCT.2023 09:07:48

1-N7-PC3-15-25-M-3-DFT-16QAM-Outer_Full-128@0-Ant3-23-24.500-≤25-PASS



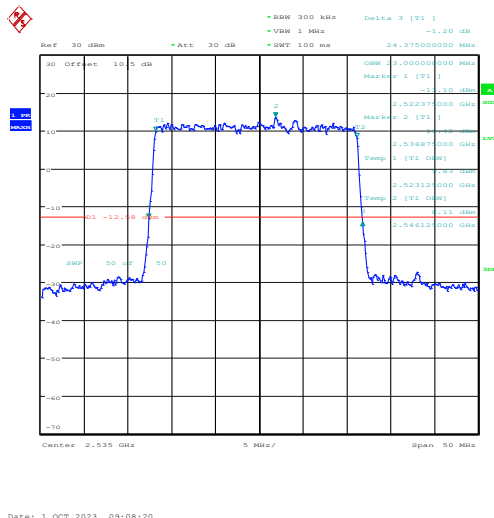
Date: 1.OCT.2023 09:08:04

1-N7-PC3-15-25-M-4-DFT-64QAM-Outer_Full-128@0-Ant3-23-24.625-≤25-PASS

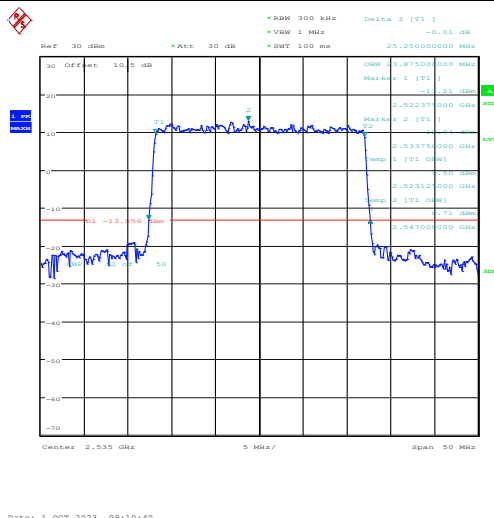


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1-N7-PC3-15-25-M-5-DFT-256QAM-Outer_Full-128@0-Ant3-23-24.375-≤25-PASS

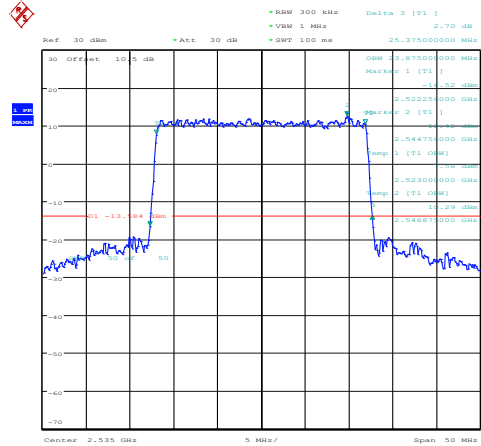


1-N7-PC3-15-25-M-6-CP-QPSK-Outer_Full-133@0-Ant3-23.875-25.250-≤25-PASS



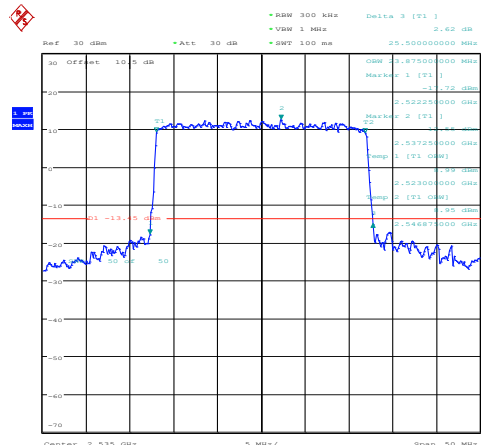
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Date: 1.OCT.2023 09:10:56

1-N7-PC3-15-25-M-7-CP-16QAM-Outer_Full-133@0-Ant3-23.875-25.375-≤25-PASS

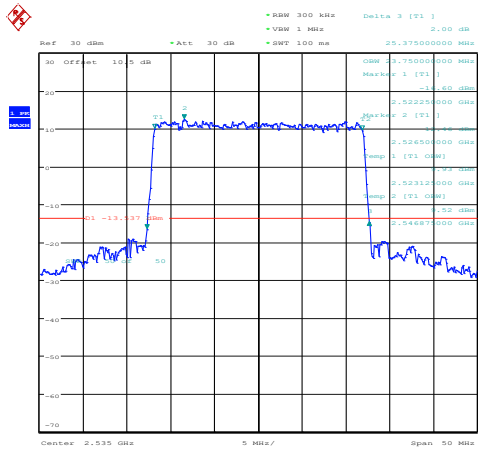


Date: 1.OCT.2023 09:11:44

1-N7-PC3-15-25-M-8-CP-64QAM-Outer_Full-133@0-Ant3-23.875-25.500-≤25-PASS

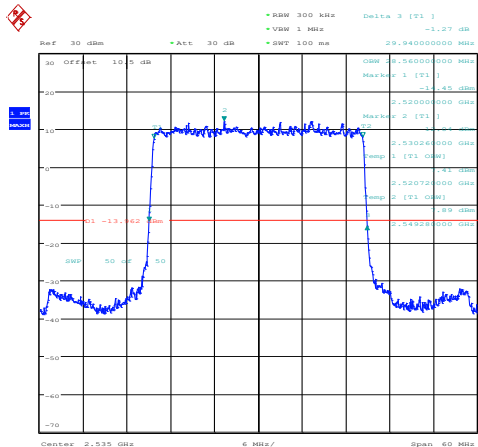


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Date: 1.OCT.2023 09:12:02

1-N7-PC3-15-25-M-9-CP-256QAM-Outer_Full-133@0-Ant3-23.75-25.375-≤25-PASS



Date: 1.OCT.2023 09:16:01

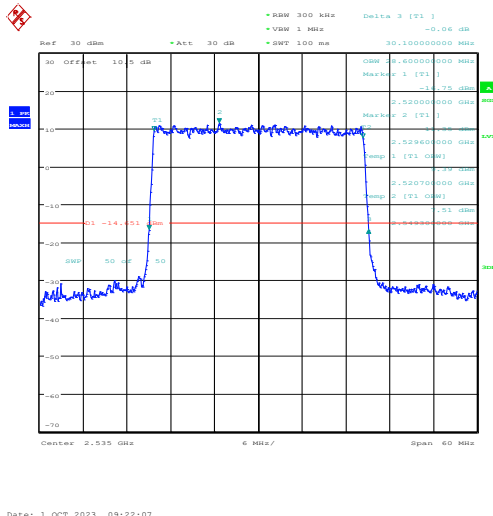
1-N7-PC3-15-30-M-1-DFT-PI2BPSK-Outer_Full-160@0-Ant3-28.56-29.940-≤30-PASS



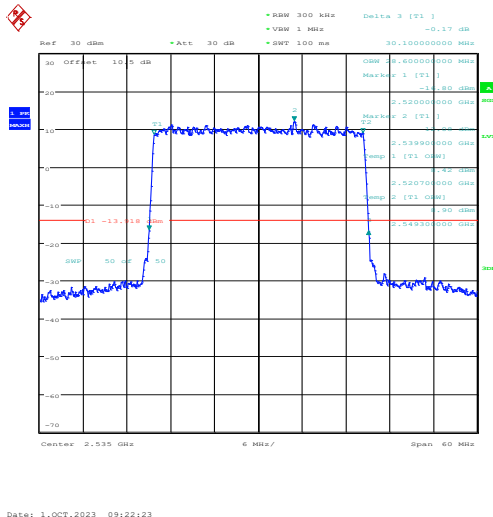
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1-N7-PC3-15-30-M-2-DFT-QPSK-Outer_Full-160@0-Ant3-28.6-30.100-≤30-PASS

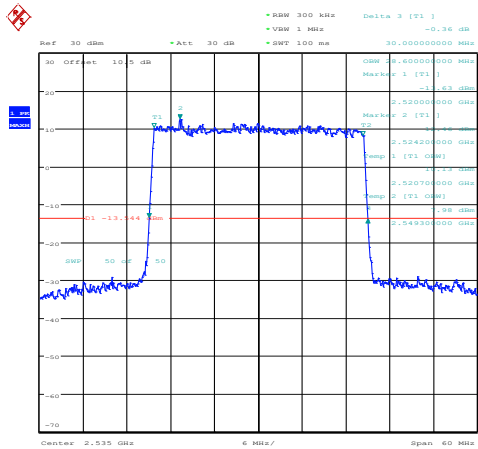


1-N7-PC3-15-30-M-3-DFT-16QAM-Outer_Full-160@0-Ant3-28.6-30.100-≤30-PASS



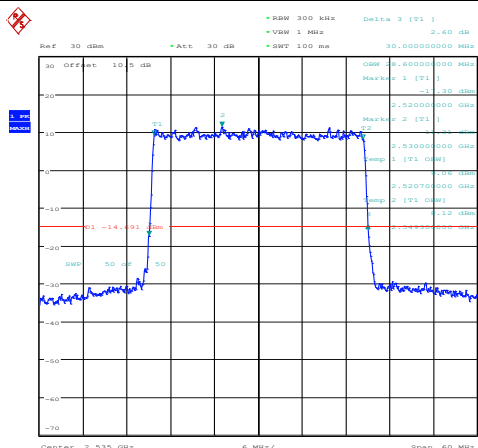
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Date: 1.OCT.2023 09:22:39

1-N7-PC3-15-30-M-4-DFT-64QAM-Outer_Full-160@0-Ant3-28.6-30.000-≤30-PASS



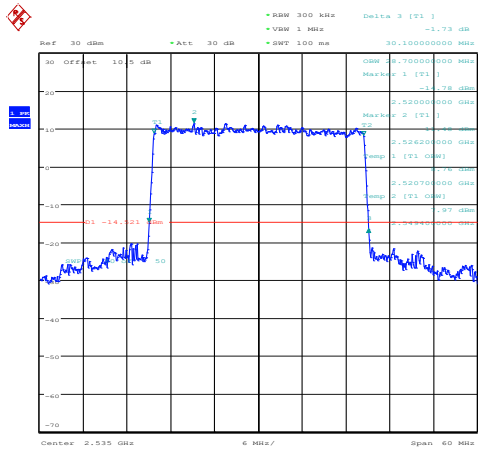
Date: 1.OCT.2023 09:22:54

1-N7-PC3-15-30-M-5-DFT-256QAM-Outer_Full-160@0-Ant3-28.6-30.000-≤30-PASS



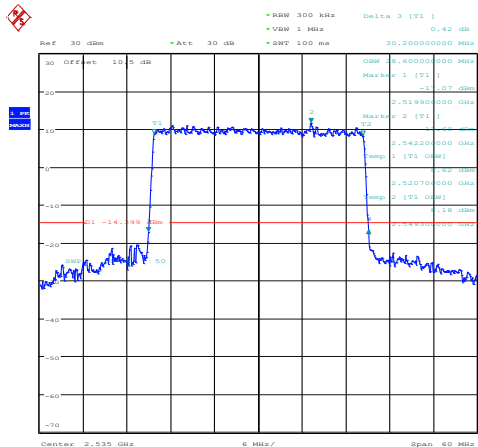
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Date: 1.OCT.2023 09:24:46

1-N7-PC3-15-30-M-6-CP-QPSK-Outer_Full-160@0-Ant3-28.7-30.100-≤30-PASS



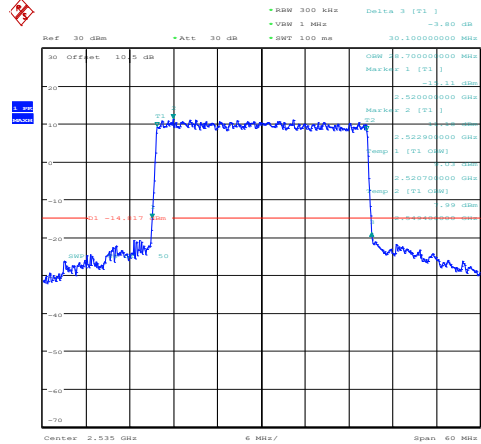
Date: 1.OCT.2023 09:25:02

1-N7-PC3-15-30-M-7-CP-16QAM-Outer_Full-160@0-Ant3-28.6-30.200-≤30-PASS



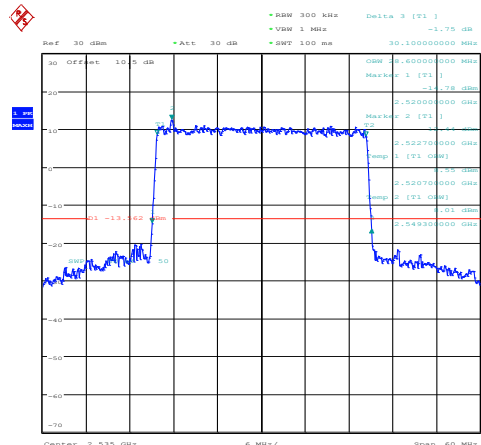
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Date: 1.OCT.2023 09:25:18

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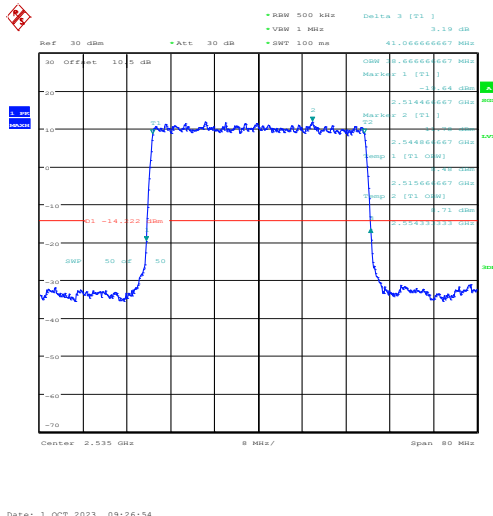


Date: 1.OCT.2023 09:25:34

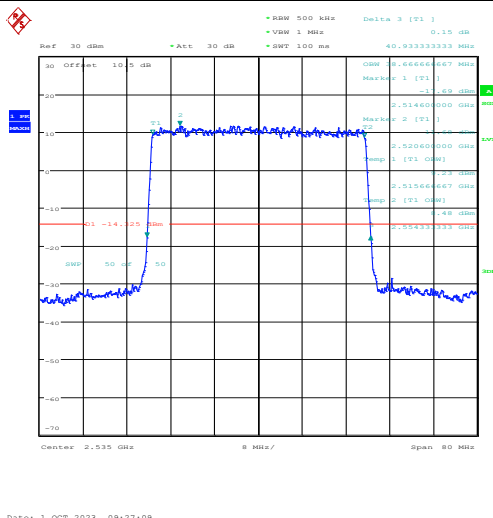
1-N7-PC3-15-30-M-9-CP-256QAM-Outer_Full-160@0-Ant3-28.6-30.100-≤30-PASS



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1-N7-PC3-15-40-M-1-DFT-PI2BPSK-Outer_Full-216@0-Ant3-38.667-41.067-≤40-PASS

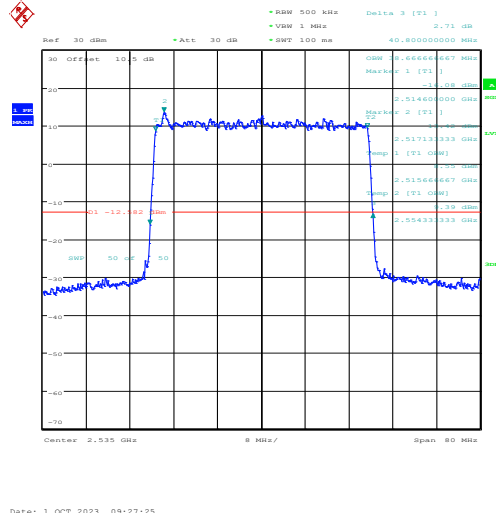


1-N7-PC3-15-40-M-2-DFT-QPSK-Outer_Full-216@0-Ant3-38.667-40.933-≤40-PASS

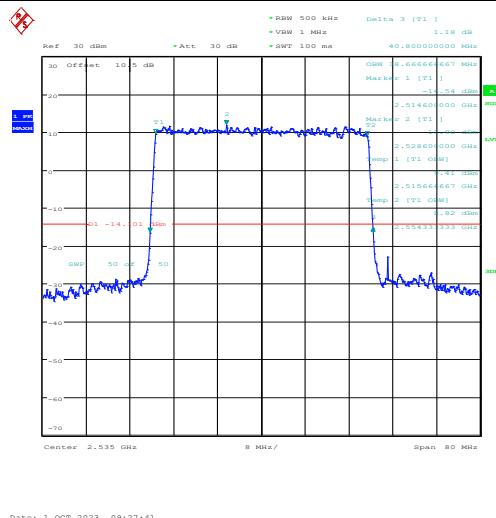


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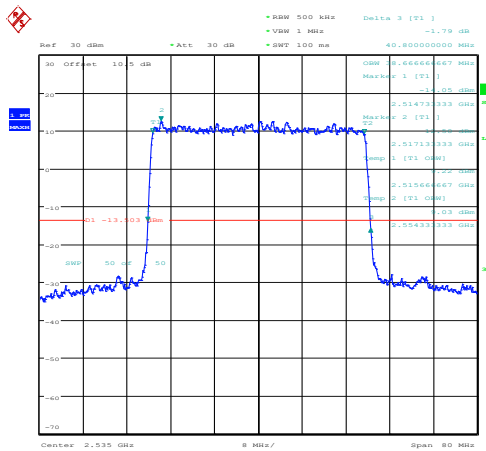
1-N7-PC3-15-40-M-3-DFT-16QAM-Outer_Full-216@0-Ant3-38.667-40.800-≤40-PASS



1-N7-PC3-15-40-M-4-DFT-64QAM-Outer_Full-216@0-Ant3-38.667-40.800-≤40-PASS

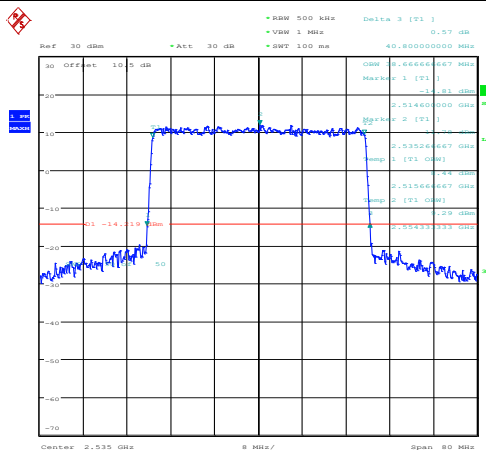


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Date: 1.OCT.2023 09:27:57

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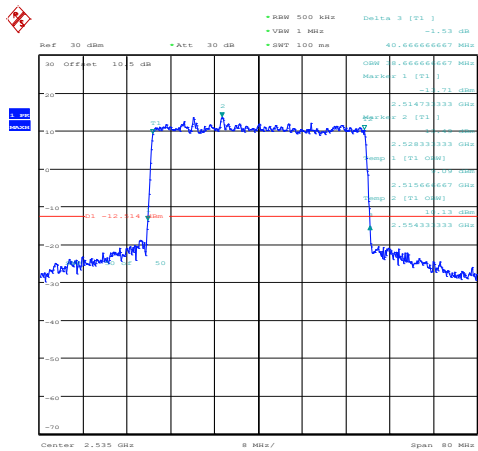


Date: 1.OCT.2023 09:29:28

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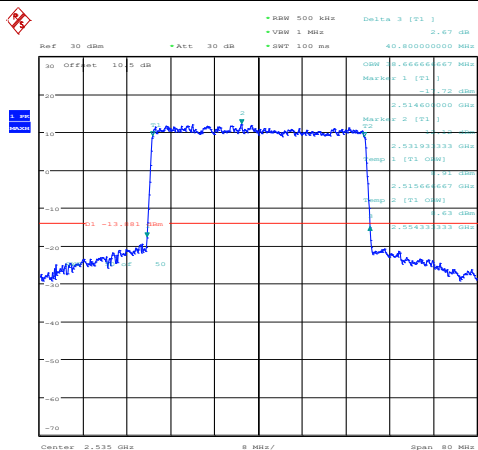


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Date: 1.OCT.2023 09:29:44

1-N7-PC3-15-40-M-7-CP-16QAM-Outer_Full-216@0-Ant3-38.667-40.667-≤40-PASS



Date: 1.OCT.2023 09:30:00

1-N7-PC3-15-40-M-8-CP-64QAM-Outer_Full-216@0-Ant3-38.667-40.800-≤40-PASS

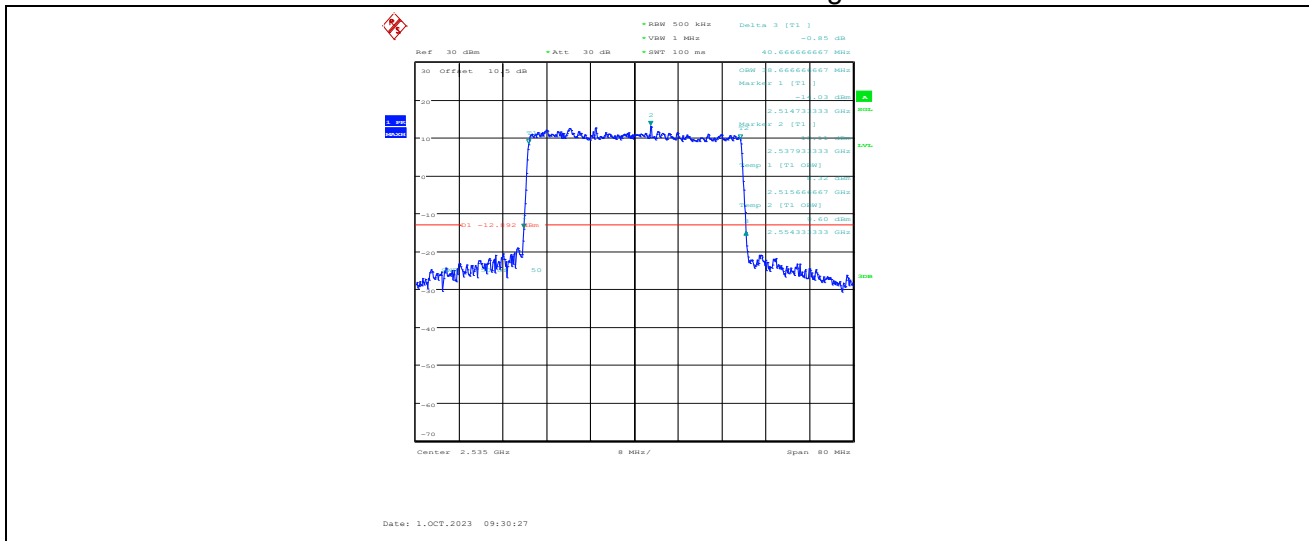


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Report No.: XEWM2309000451RG02

Rev.: 01

Page: 48 of 105



1-N7-PC3-15-40-M-9-CP-256QAM-Outer_Full-216@0-Ant3-38.667-40.667-≤40-PASS

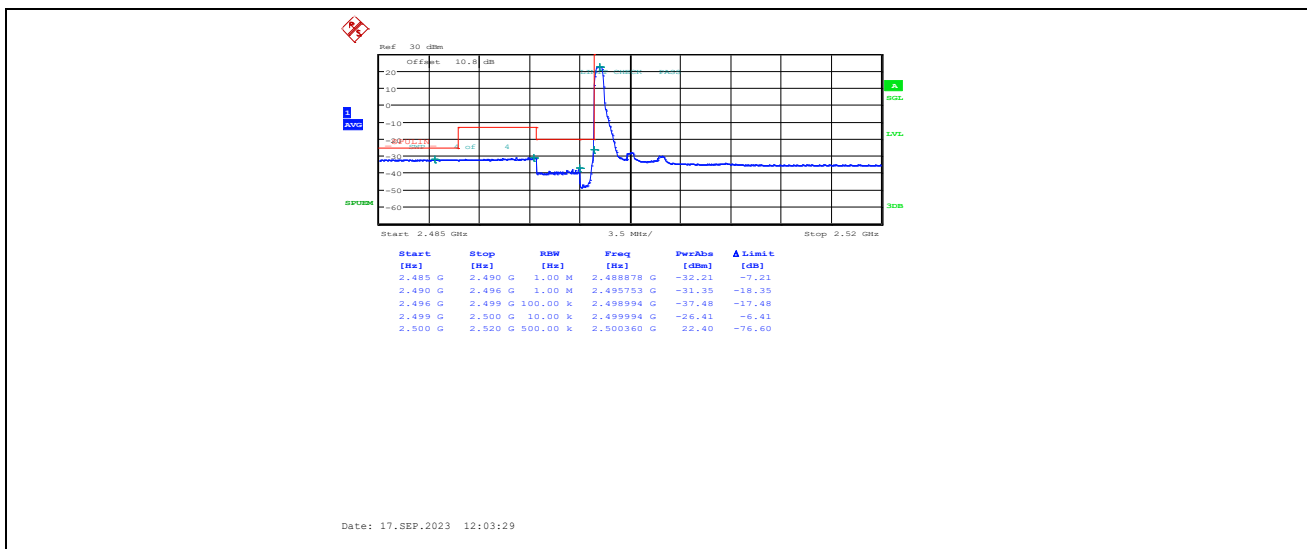


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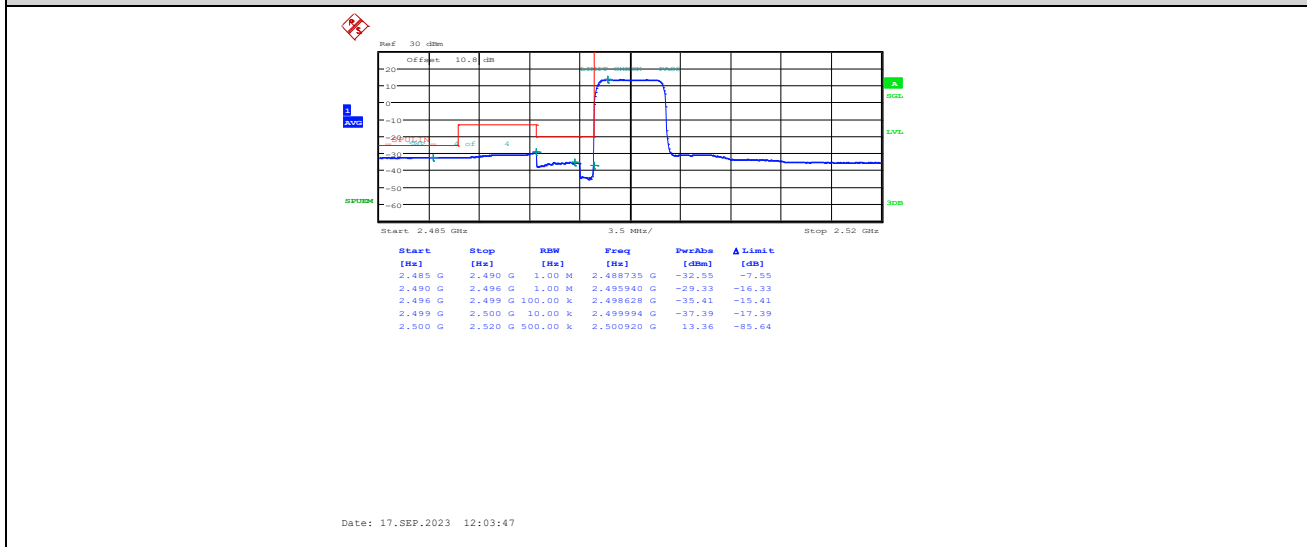
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Band Edge for SA

Test Graphs



1-N7-PC3-15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant3-PASS

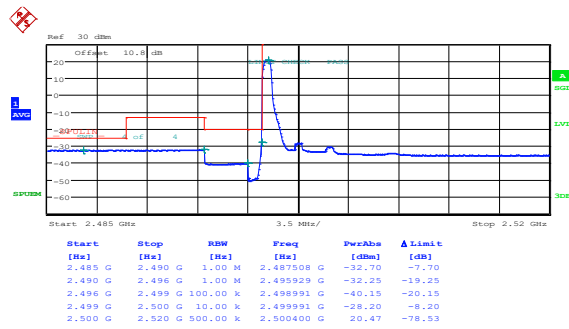


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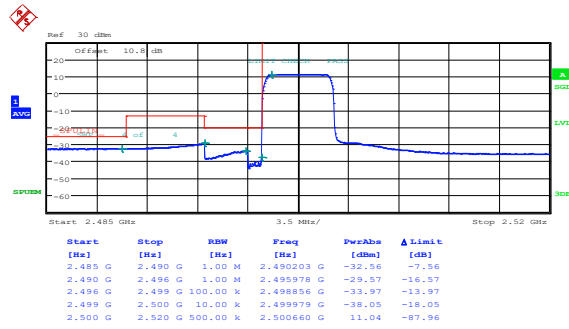
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Date: 17.SEP.2023 12:04:59

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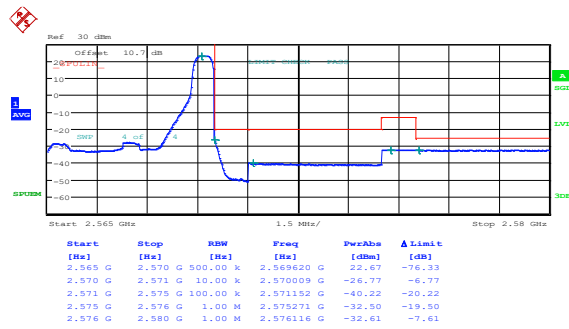


Date: 17.SEP.2023 12:05:17

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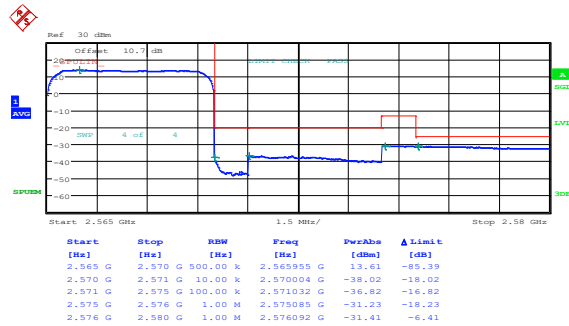


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Date: 17.SEP.2023 12:06:29

1-N7-PC3-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@24-Ant3-PASS

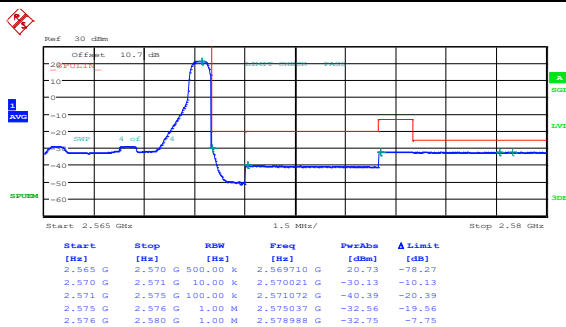


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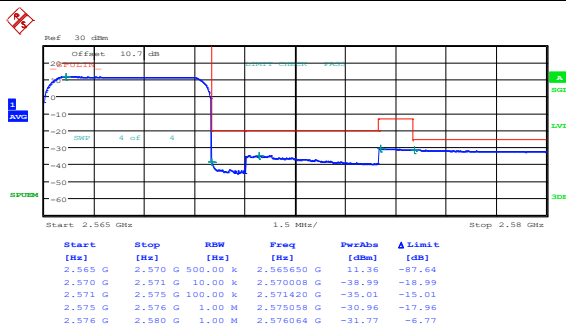


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Date: 17.SEP.2023 12:07:59

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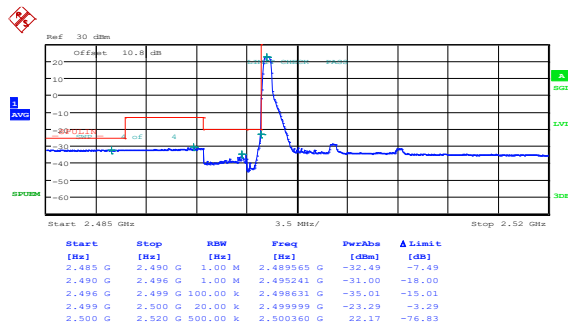
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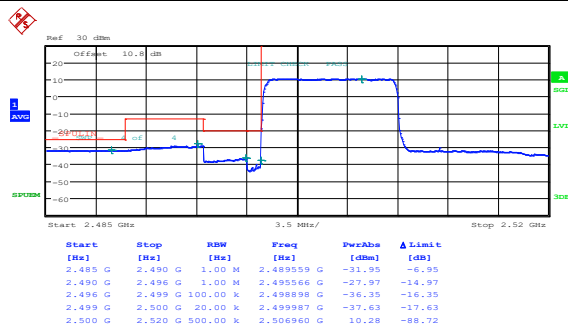
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Date: 17.SEP.2023 12:09:26

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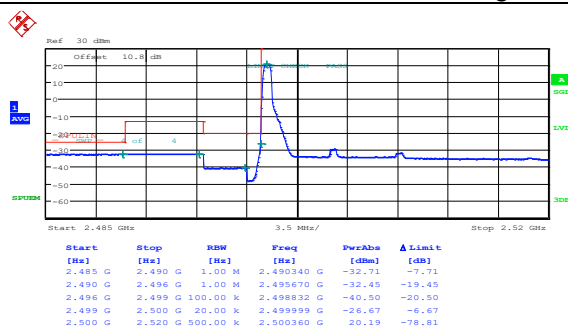
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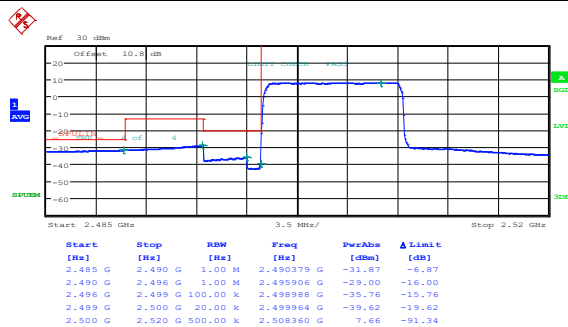
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Date: 17.SEP.2023 12:10:54

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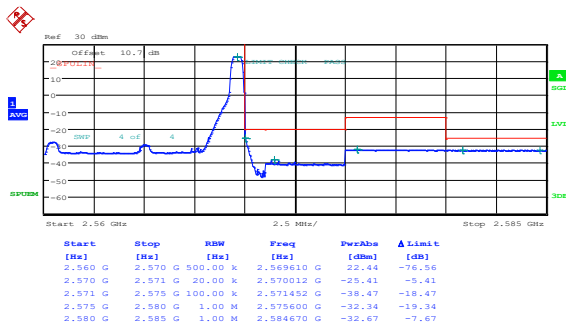
Date: 17.SEP.2023 12:11:10

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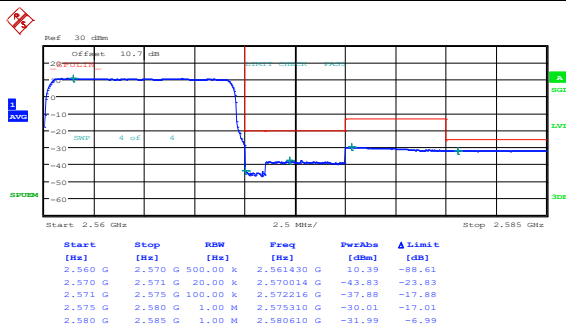
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Date: 17.SEP.2023 12:12:21

1-N7-PC3-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@51-Ant3-PASS



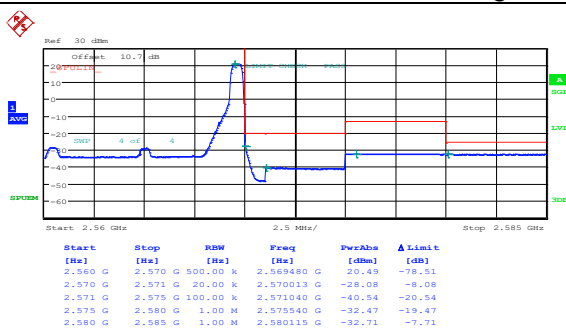
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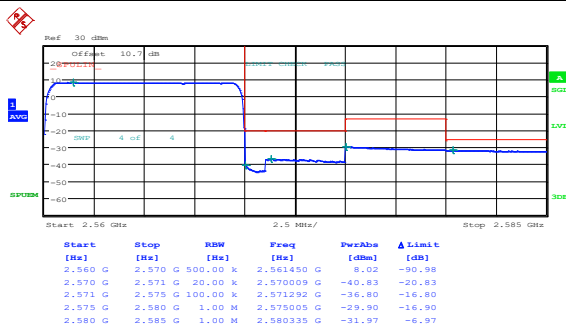
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Date: 17.SEP.2023 12:13:48

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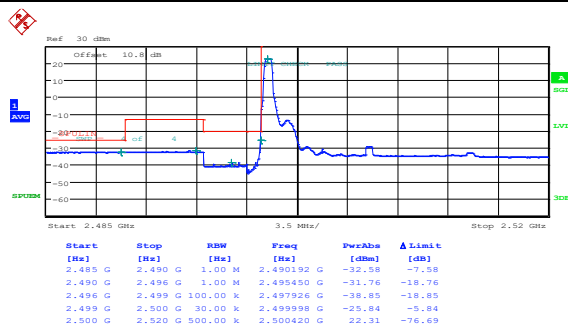


Date: 17.SEP.2023 12:14:04

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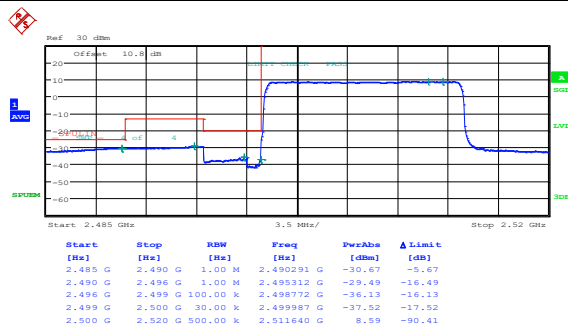


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Date: 17.SEP.2023 12:15:15

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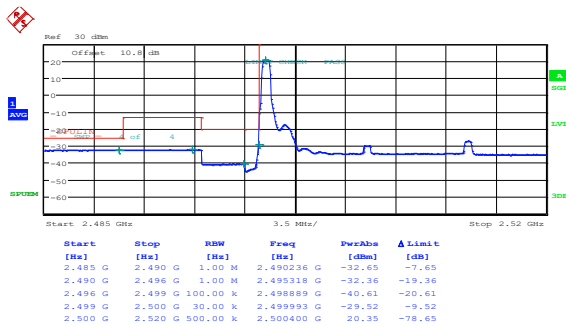


Date: 17.SEP.2023 12:15:32

1-N7-PC3-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant3-PASS

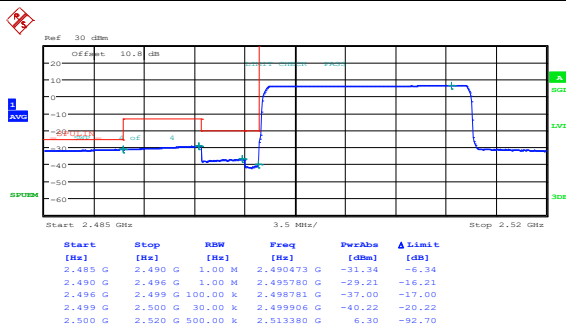


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Date: 17.SEP.2023 12:16:43

1-N7-PC3-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-PASS



Date: 17.SEP.2023 12:16:59

1-N7-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant3-PASS



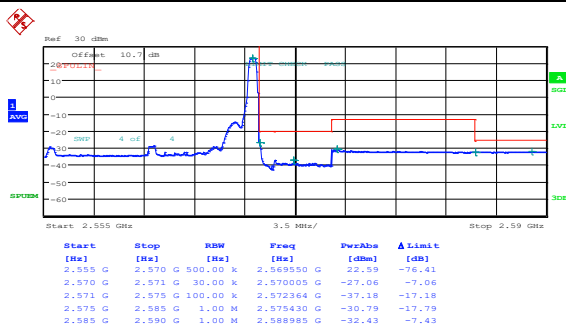
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Report No.: XEWM2309000451RG02

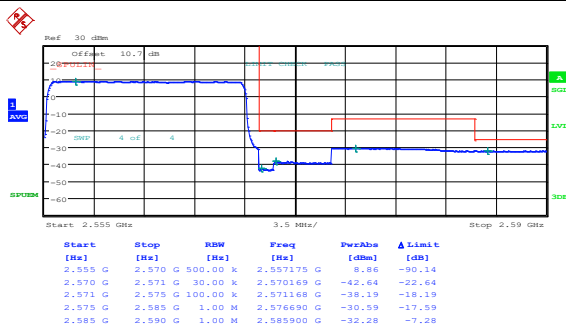
Rev.: 01

Page: 59 of 105



Date: 17.SEP.2023 12:18:10

1-N7-PC3-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@78-Ant3-PASS



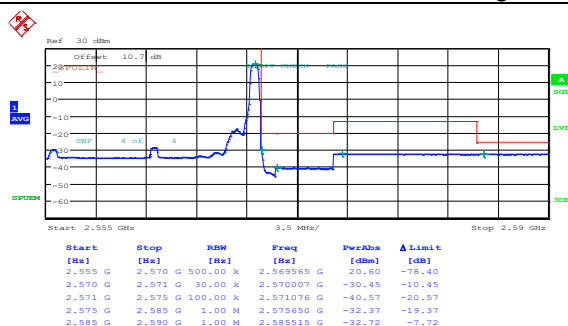
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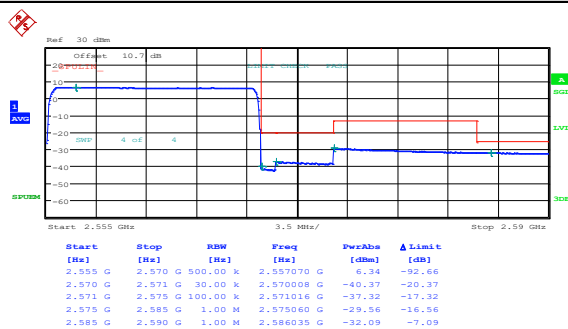
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Date: 17.SEP.2023 12:19:37

1-N7-PC3-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant3-PASS

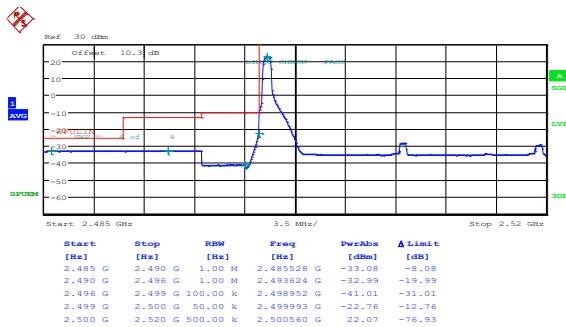


Date: 17.SEP.2023 12:19:53

1-N7-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant3-PASS

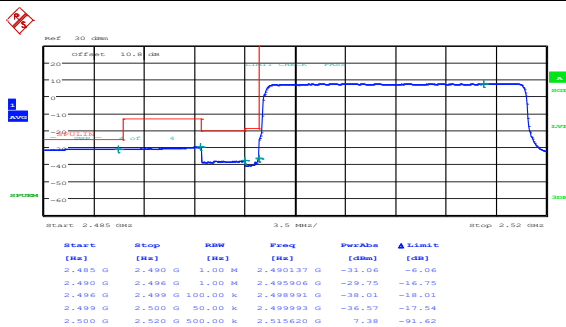


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Date: 20.SEP.2023 11:35:53

1-N7-PC3-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant3-PASS



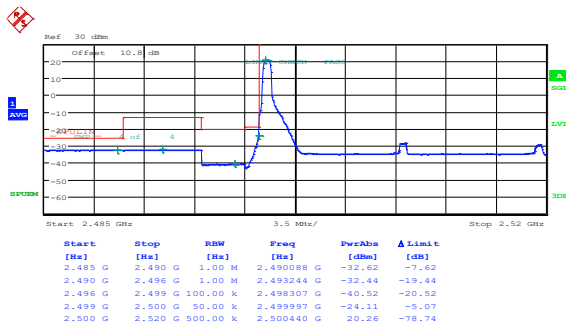
Date: 17.SEP.2023 13:03:46

1-N7-PC3-15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant3-PASS



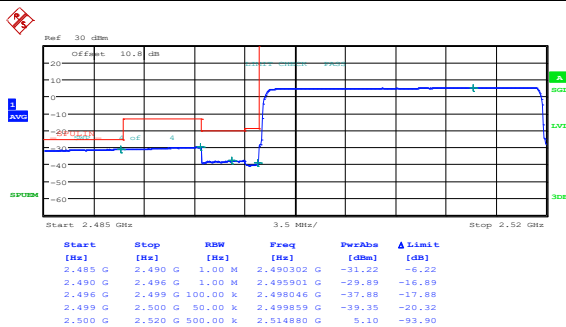
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Date: 17.SEP.2023 12:22:33

1-N7-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-PASS



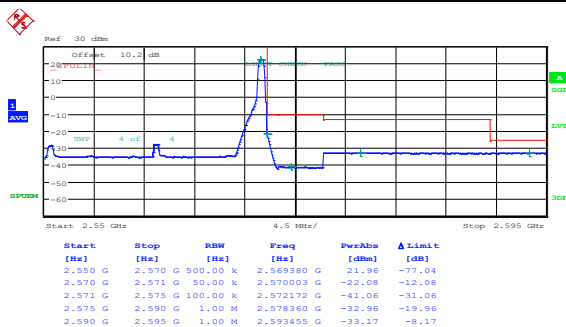
Date: 17.SEP.2023 12:22:49

1-N7-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant3-PASS



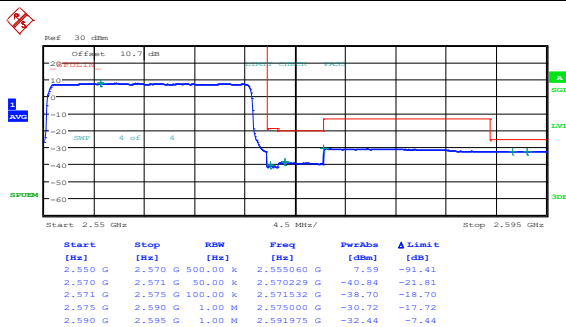
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Date: 20.SEP.2023 11:40:18

1-N7-PC3-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@105-Ant3-PASS



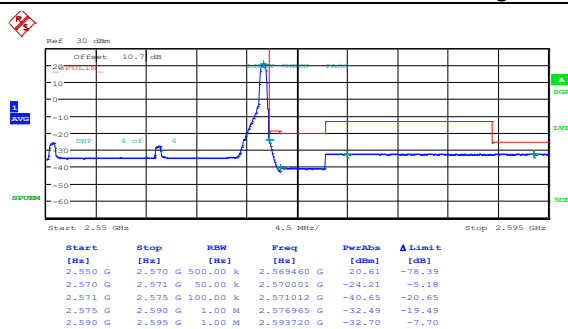
Date: 17.SEP.2023 12:24:16

1-N7-PC3-15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant3-PASS



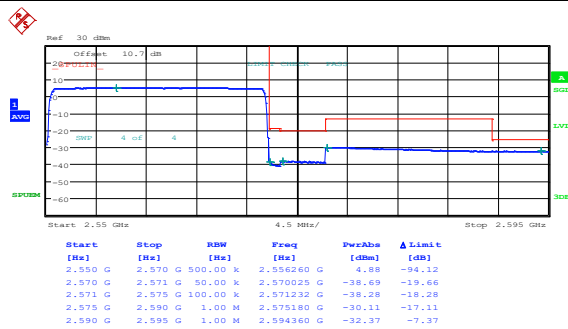
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Date: 17.SEP.2023 12:25:27

1-N7-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant3-PASS

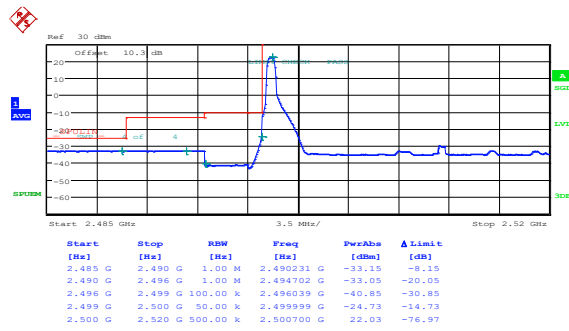


Date: 17.SEP.2023 12:25:43

1-N7-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant3-PASS

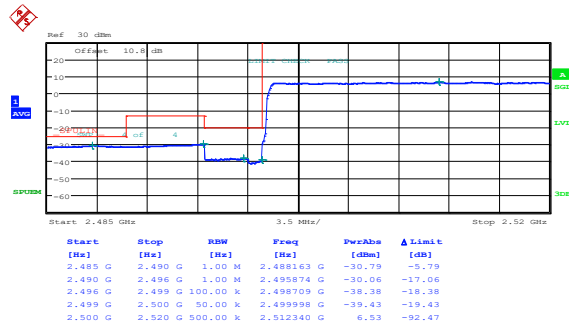


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Date: 20.SEP.2023 11:41:16

1-N7-PC3-15-25-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant3-PASS

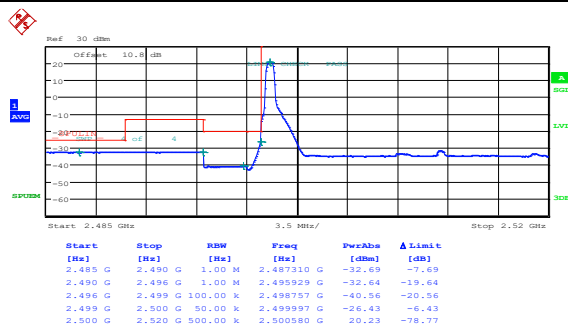


Date: 17.SEP.2023 12:27:10

1-N7-PC3-15-25-L-3-DFT-PI2BPSK-Outer_Full-128@0-Ant3-PASS

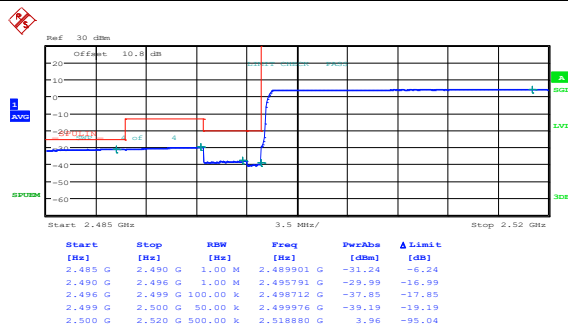


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Date: 17.SEP.2023 12:28:21

1-N7-PC3-15-25-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-PASS



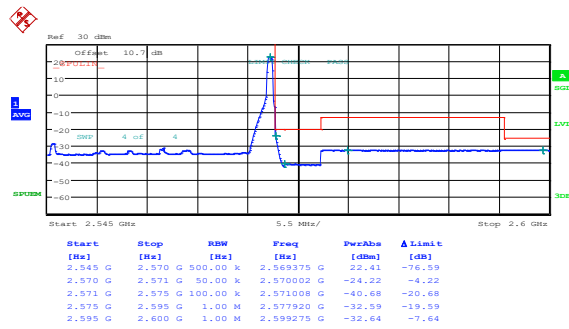
Date: 17.SEP.2023 12:28:37

1-N7-PC3-15-25-L-6-CP-QPSK-Outer_Full-133@0-Ant3-PASS



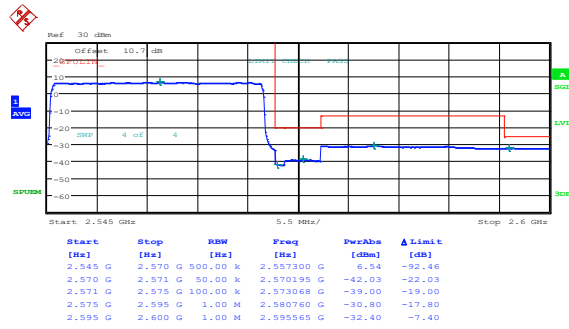
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Date: 17.SEP.2023 12:29:49

1-N7-PC3-15-25-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@132-Ant3-PASS



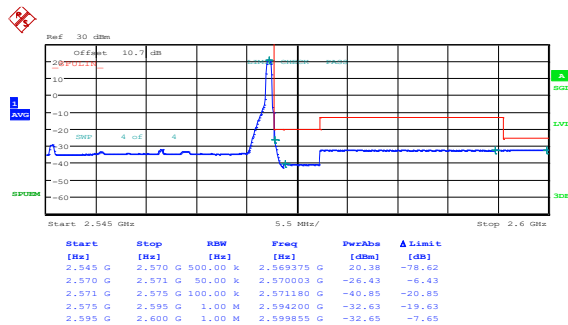
Date: 17.SEP.2023 12:30:05

1-N7-PC3-15-25-H-3-DFT-PI2BPSK-Outer_Full-128@0-Ant3-PASS



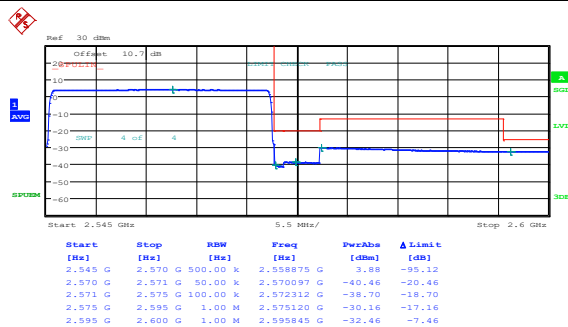
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Date: 17.SEP.2023 12:31:16

1-N7-PC3-15-25-H-5-CP-QPSK-Edge_1RB_Right-1@132-Ant3-PASS



Date: 17.SEP.2023 12:31:32

1-N7-PC3-15-25-H-6-CP-QPSK-Outer_Full-133@0-Ant3-PASS

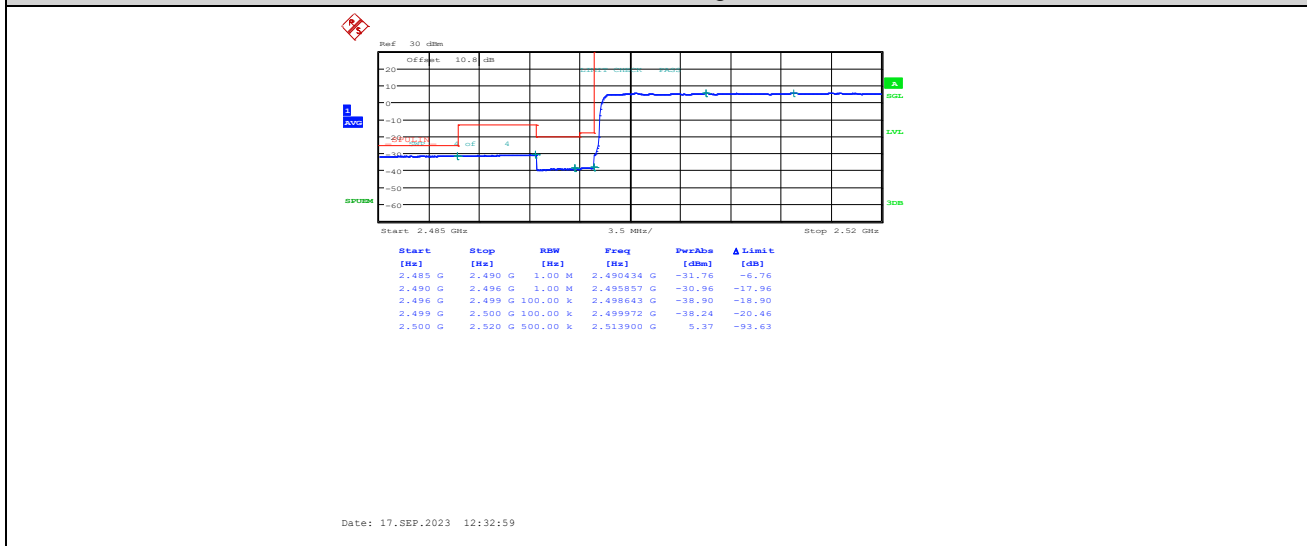


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1-N7-PC3-15-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant3-PASS

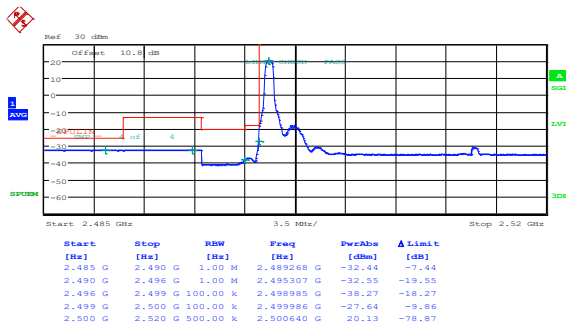


1-N7-PC3-15-30-L-3-DFT-PI2BPSK-Outer_Full-160@0-Ant3-PASS



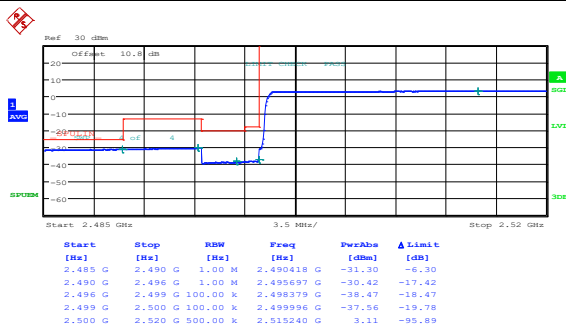
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Date: 17.SEP.2023 12:34:10

1-N7-PC3-15-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-PASS

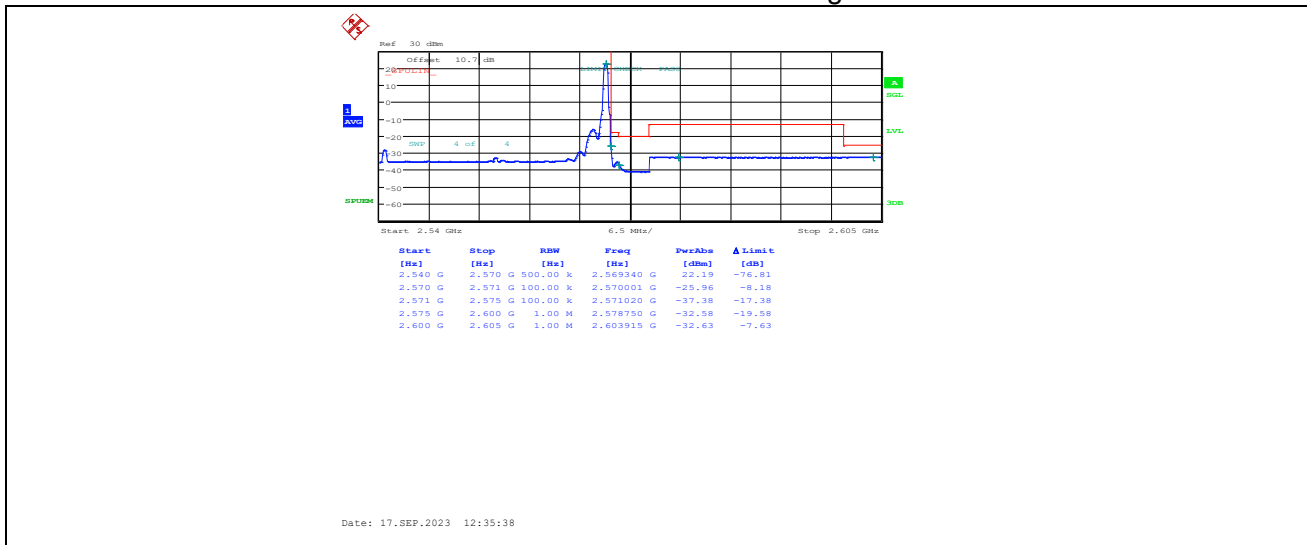


Date: 17.SEP.2023 12:34:26

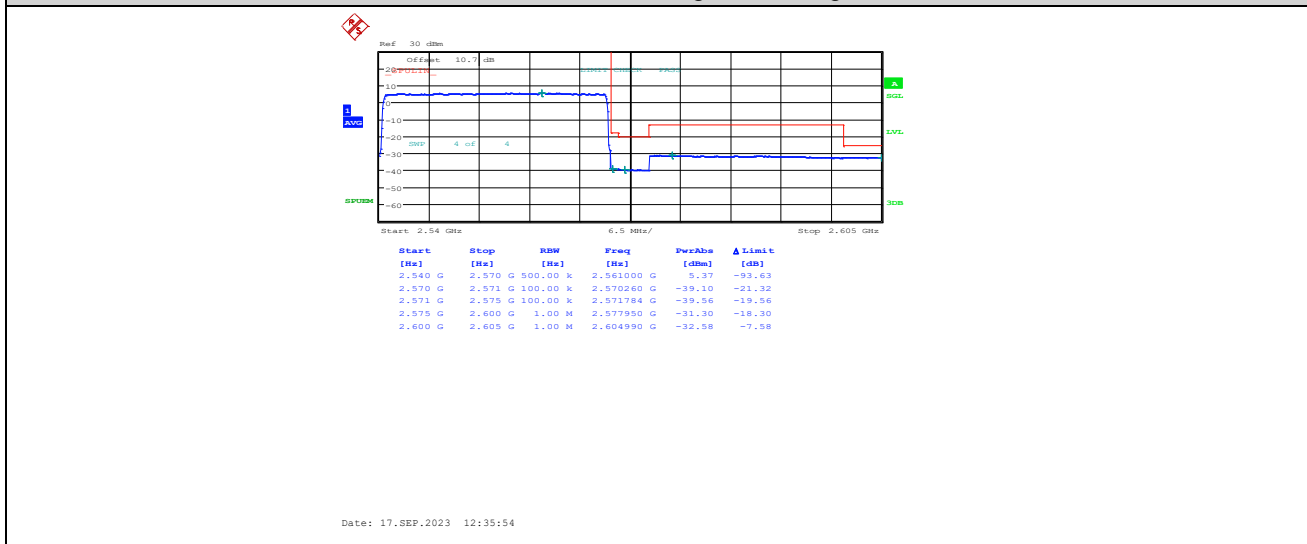
1-N7-PC3-15-30-L-6-CP-QPSK-Outer_Full-160@0-Ant3-PASS



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1-N7-PC3-15-30-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@159-Ant3-PASS

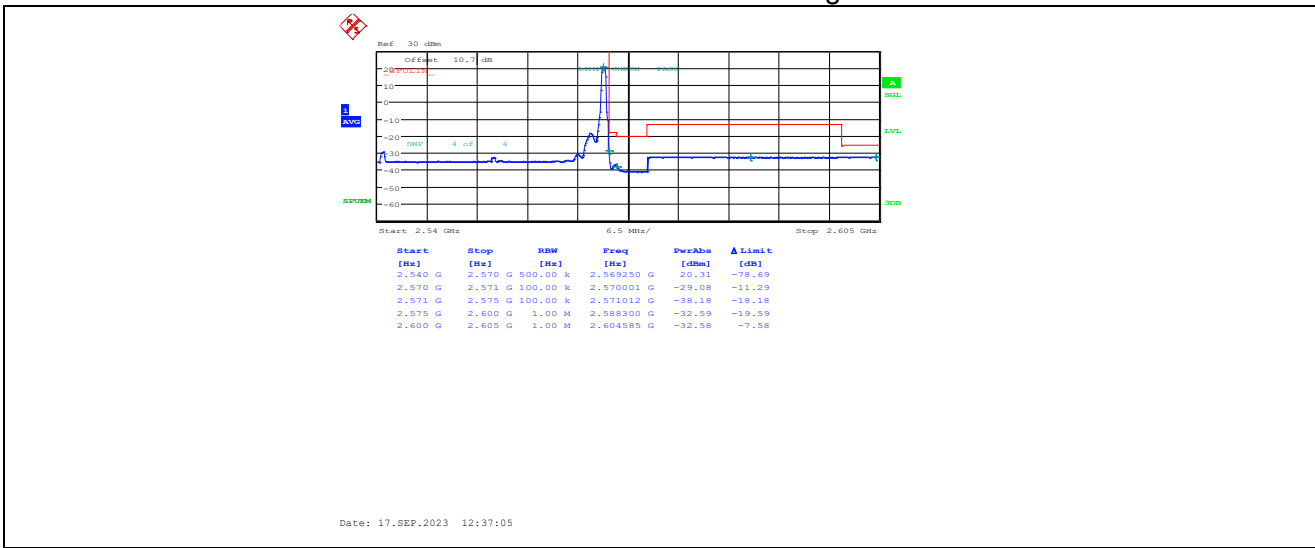


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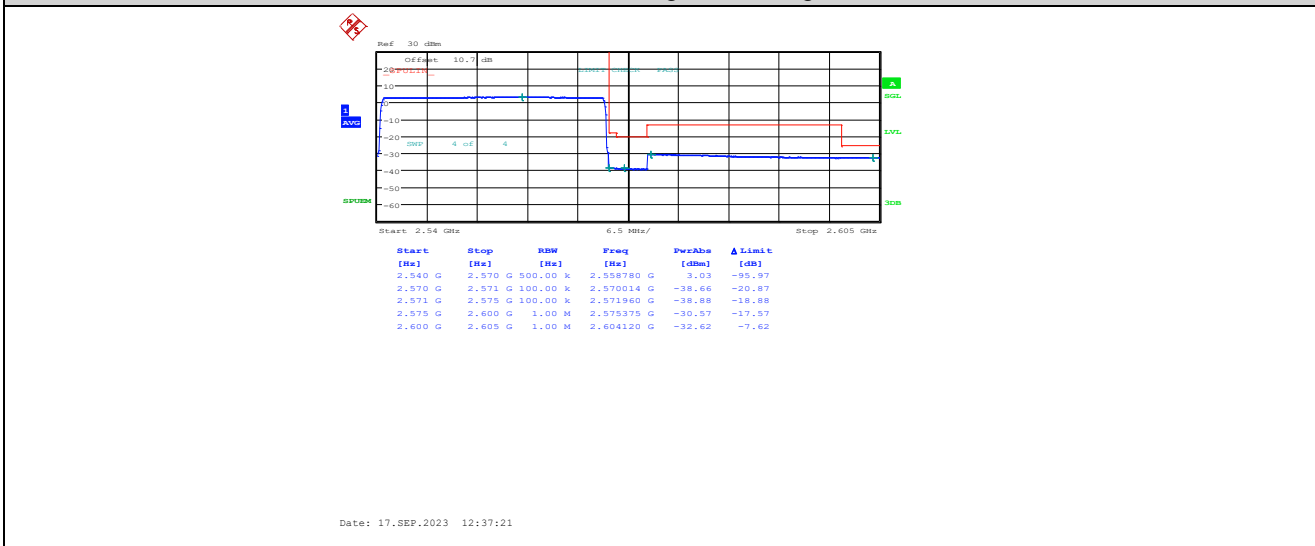


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 中国·西安·沣东新城科源三路137号康鸿橙方科技园1号楼D单元1层 邮编: 710086 t (86-29) 6282 7885 sgs.china@sgs.com



1-N7-PC3-15-30-H-5-CP-QPSK-Edge_1RB_Right-1@159-Ant3-PASS

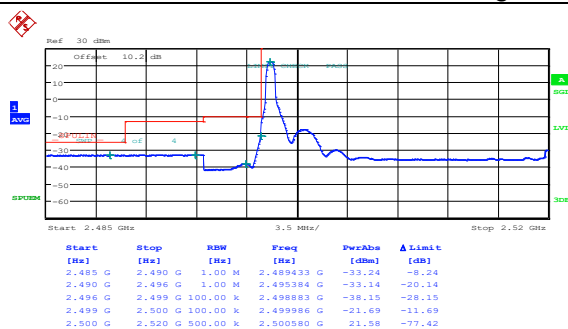


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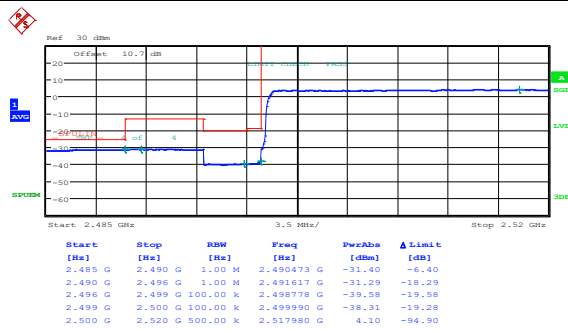
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Date: 20.SEP.2023 11:43:24

1-N7-PC3-15-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant3-PASS

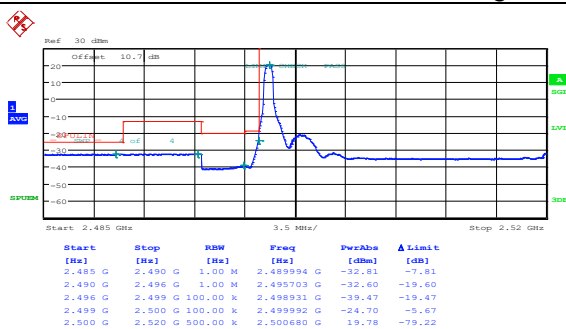


Date: 17.SEP.2023 12:38:49

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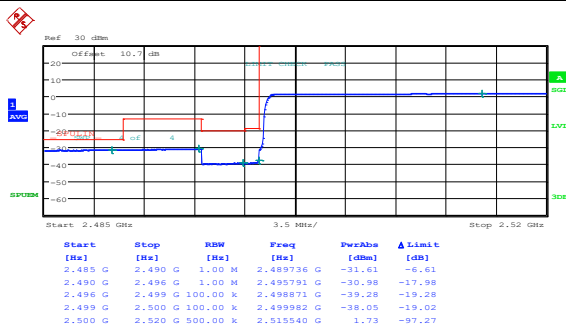


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Date: 17.SEP.2023 12:40:01

1-N7-PC3-15-40-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-PASS



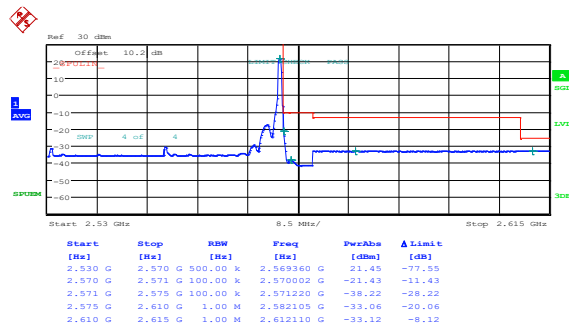
Date: 17.SEP.2023 12:40:17

1-N7-PC3-15-40-L-6-CP-QPSK-Outer_Full-216@0-Ant3-PASS



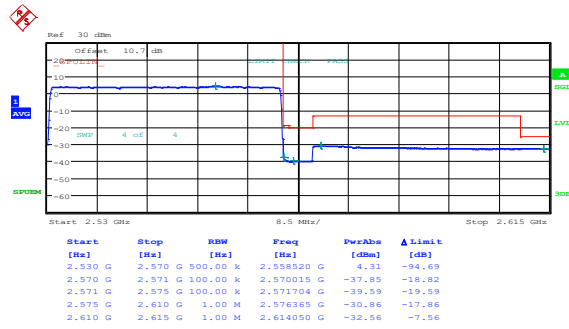
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Date: 20.SEP.2023 11:45:18

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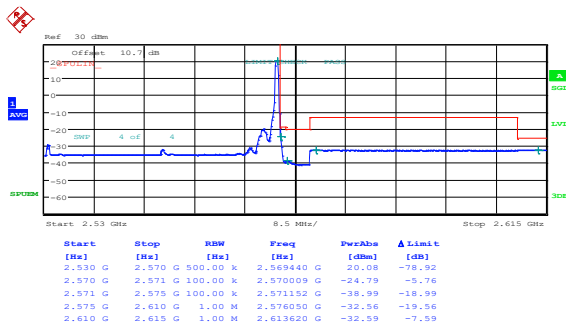


Date: 17.SEP.2023 12:41:44

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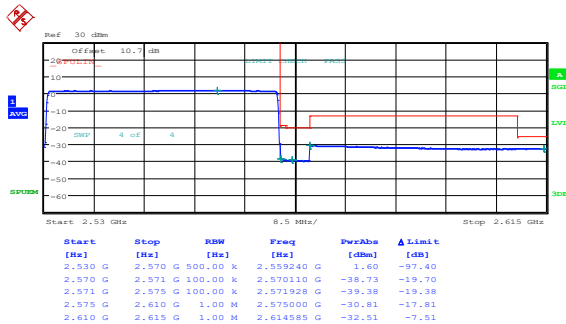


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Date: 17.SEP.2023 12:42:56

1-N7-PC3-15-40-H-5-CP-QPSK-Edge_1RB_Right-1@215-Ant3-PASS



Date: 17.SEP.2023 12:43:12

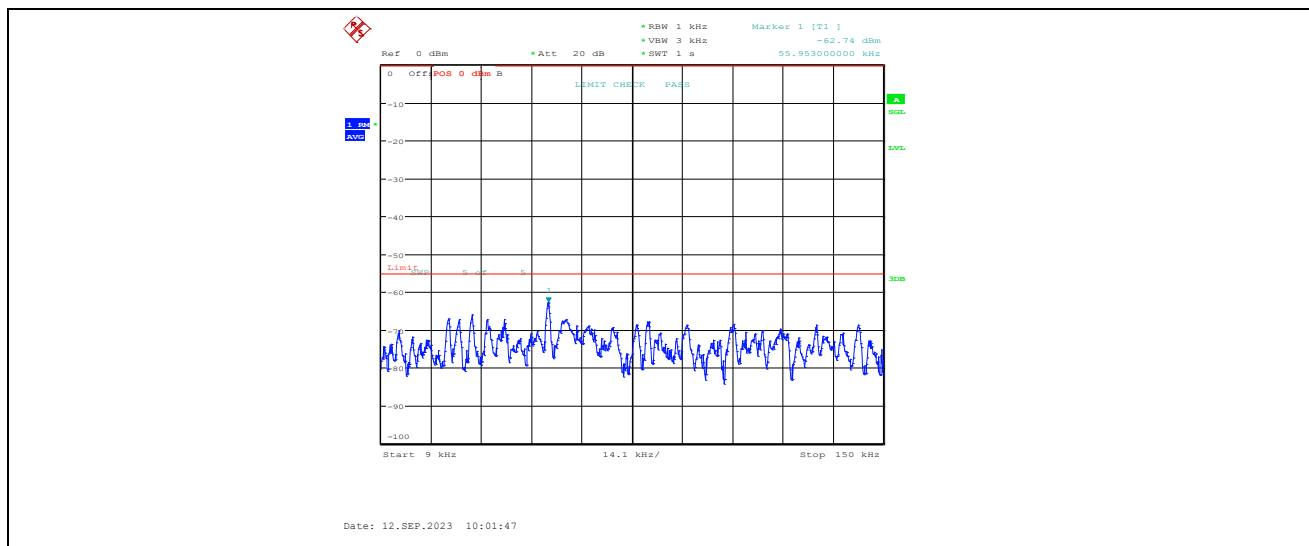
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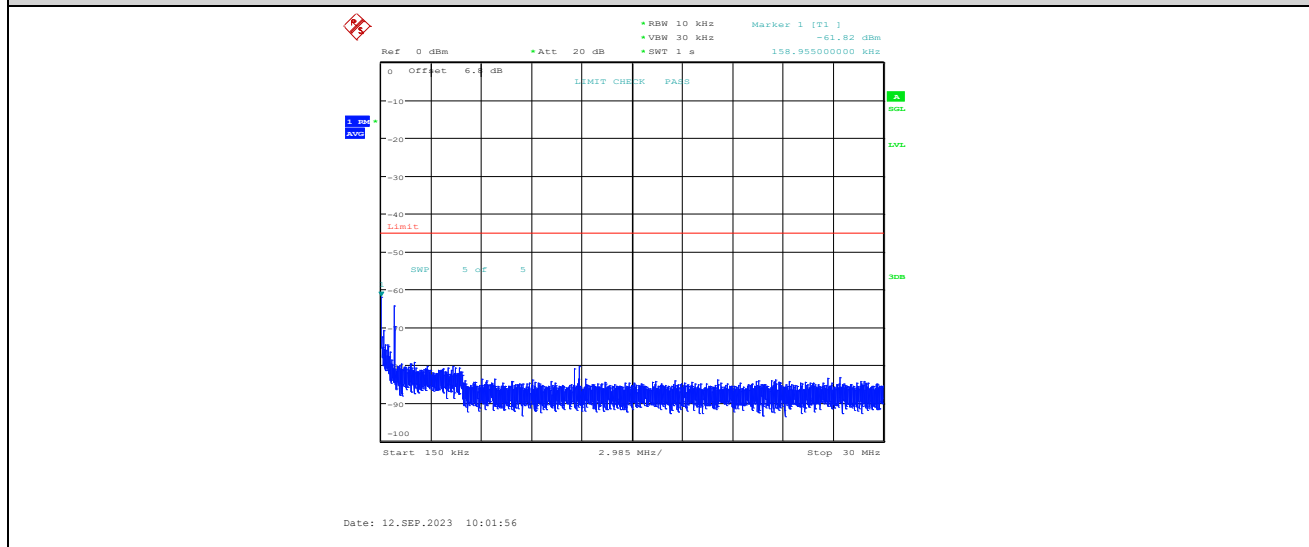
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Conducted Spurious Emission for SA

Test Graphs



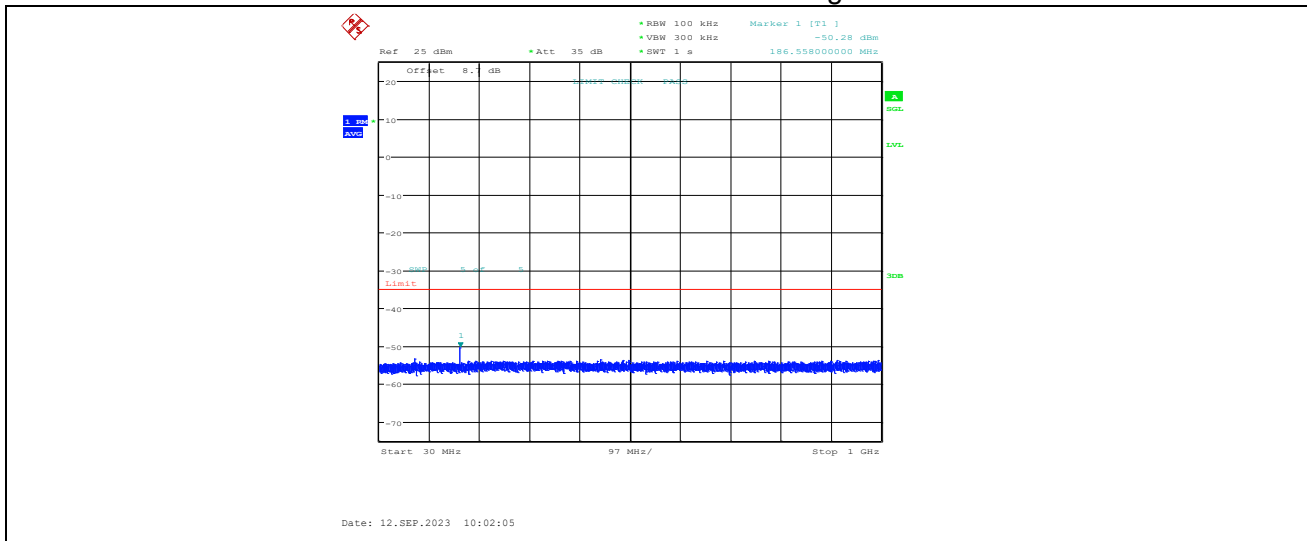
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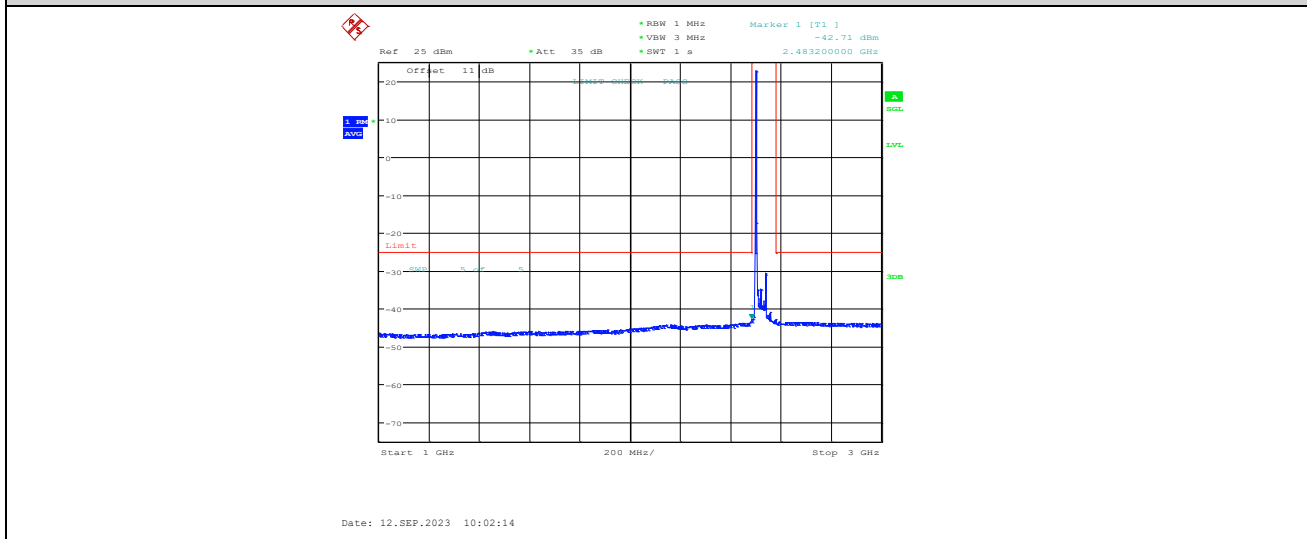
1-N7-PC3-15-40-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant3-0.15--61.82--45-PASS



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1-N7-PC3-15-40-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant3-186.56--50.28--35-PASS



1-N7-PC3-15-40-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant3-2483.20--42.71--25-PAS

S



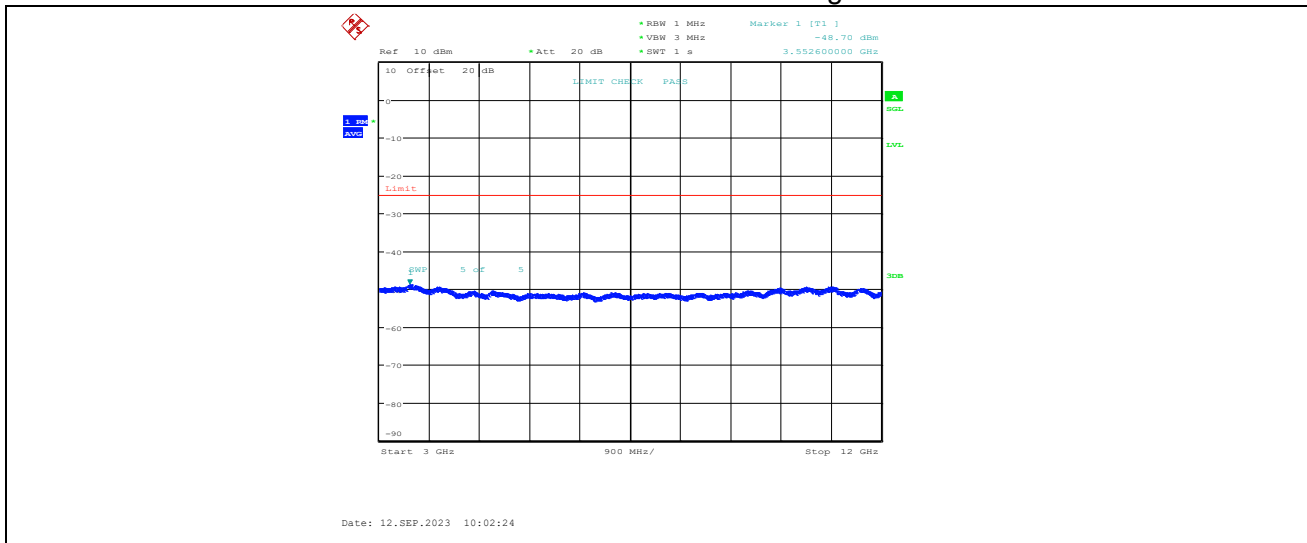
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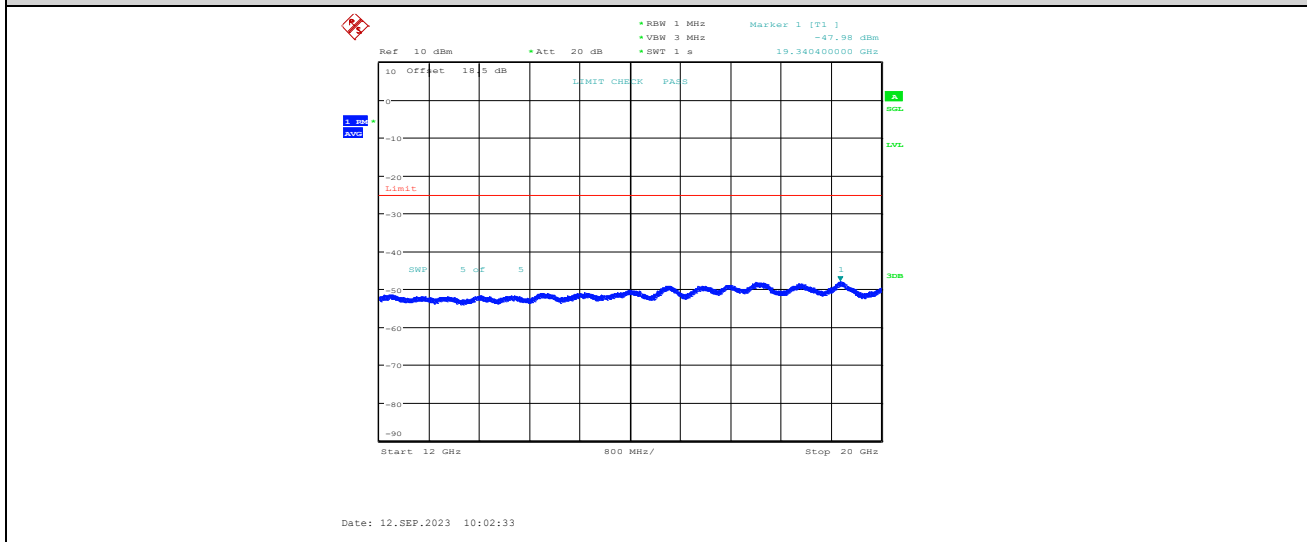
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1-N7-PC3-15-40-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant3-4377.45--48.70--25-PA
SS



1-N7-PC3-15-40-L-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant3-19350.80--47.98--25-P
ASS



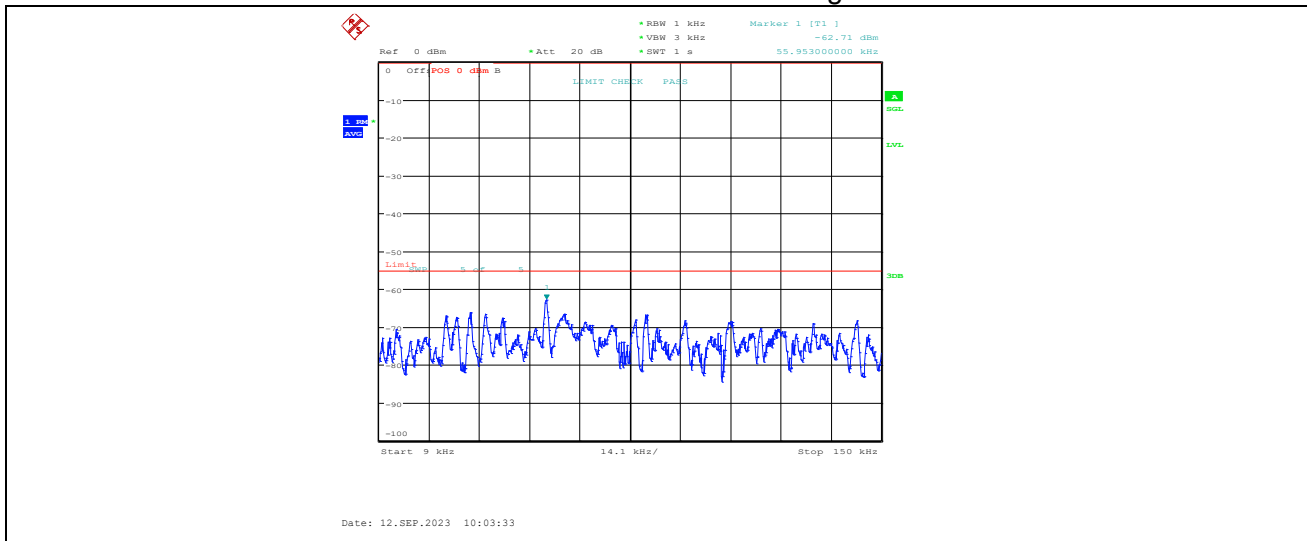
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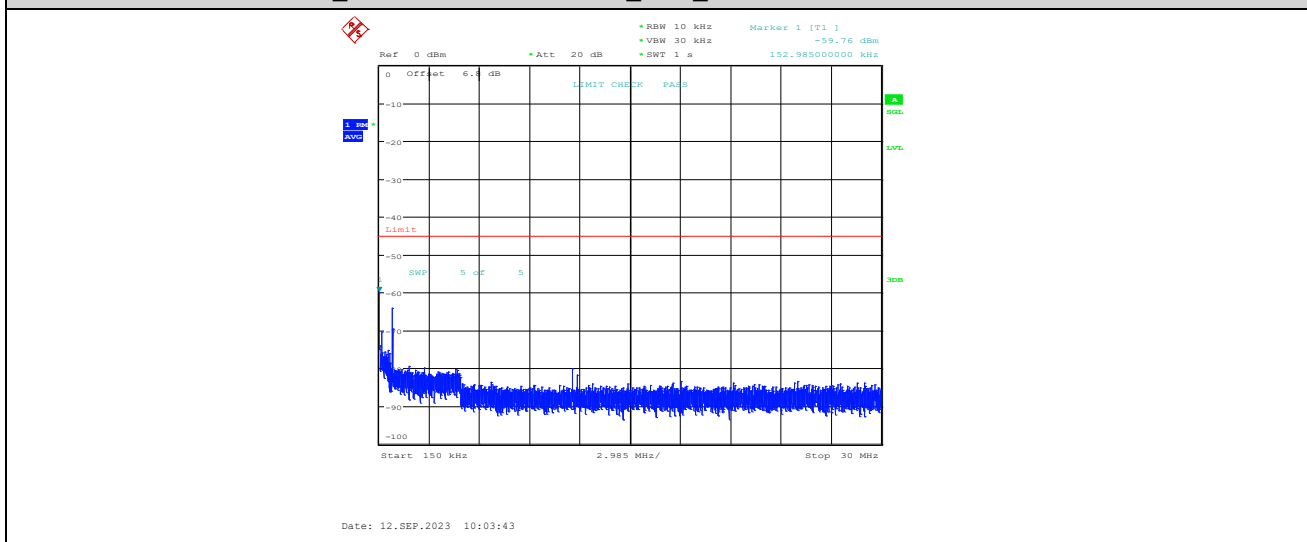
Report No.: XEWM2309000451RG02

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1-N7-PC3-15-40-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant3-0.06--62.71--55-PASS

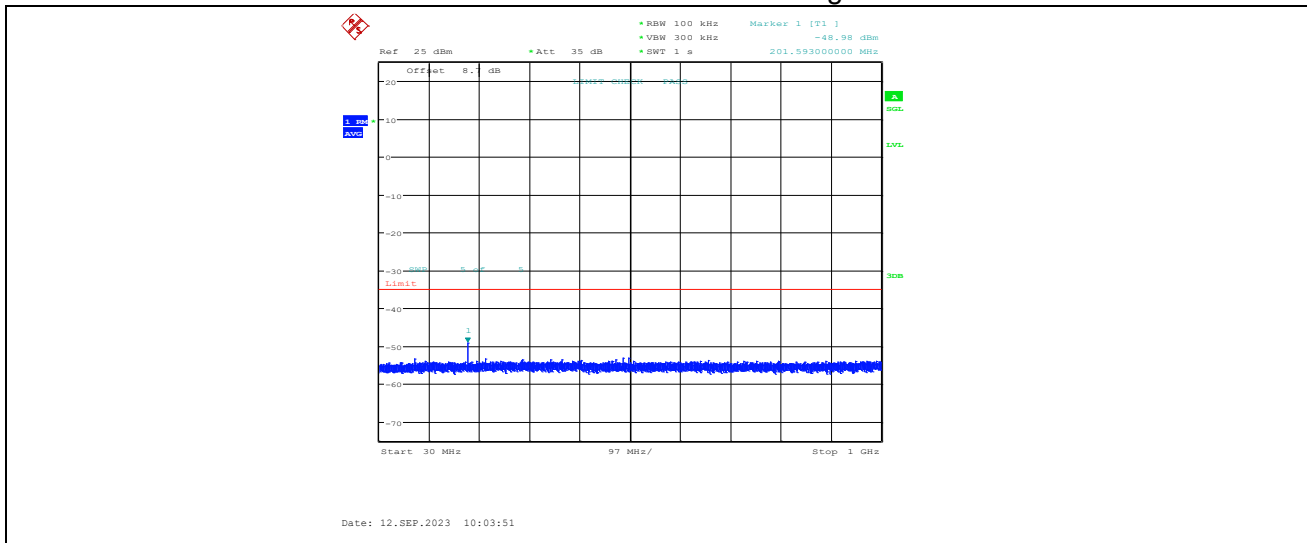


1-N7-PC3-15-40-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant3-0.15--59.76--45-PASS

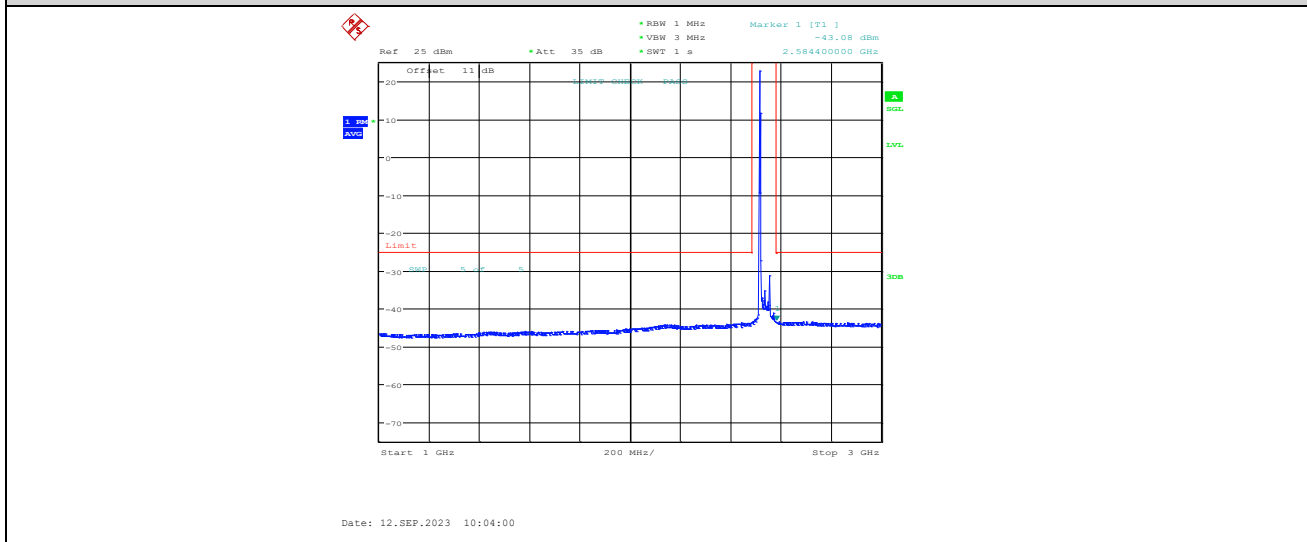


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1-N7-PC3-15-40-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant3-201.59--48.98--35-PASS



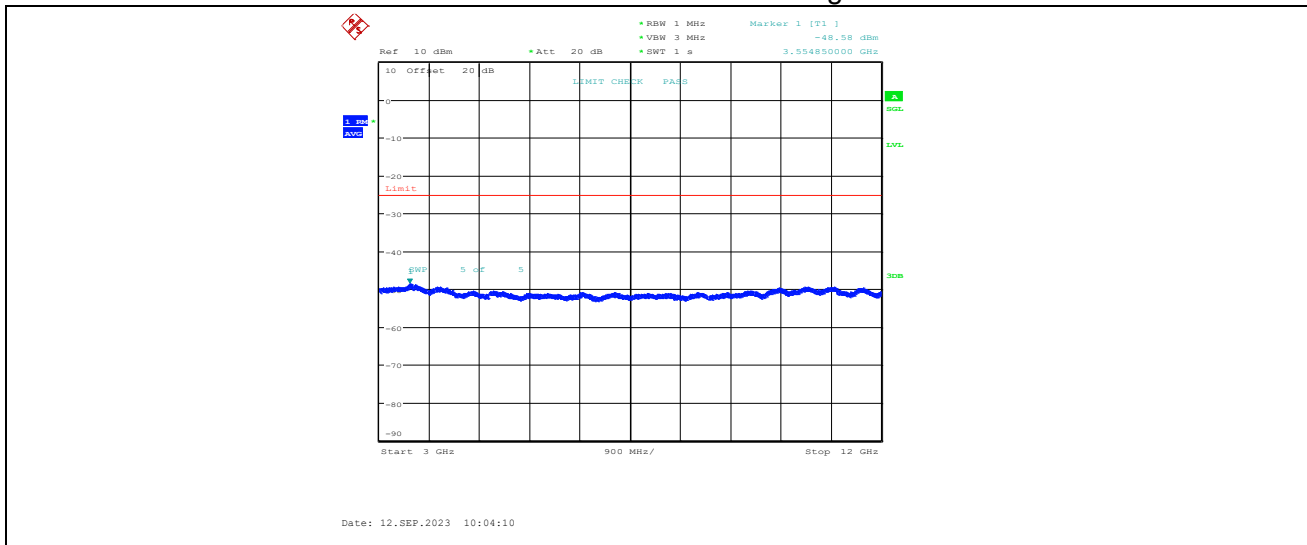
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S

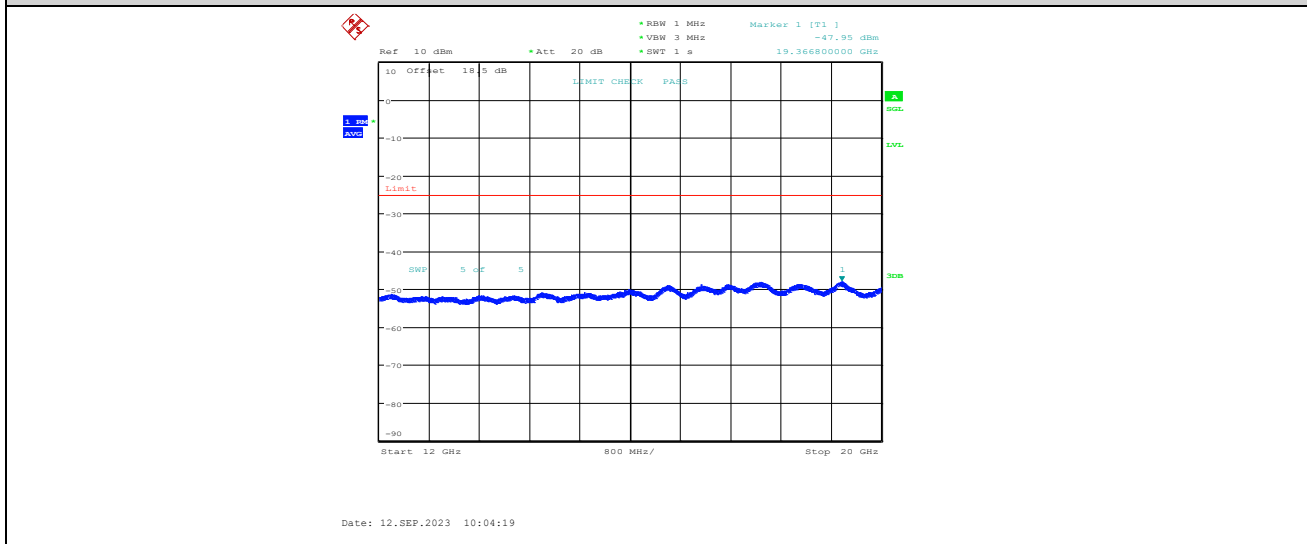


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1-N7-PC3-15-40-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant3-3554.85--48.58--25-PA
SS



1-N7-PC3-15-40-M-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant3-19366.80--47.95--25-
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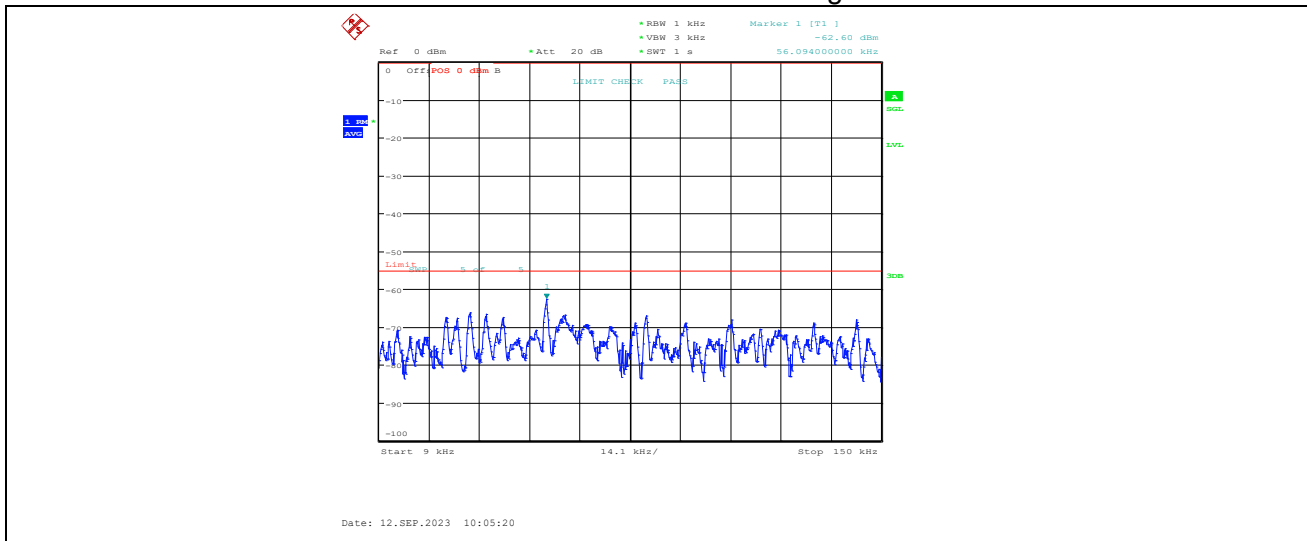


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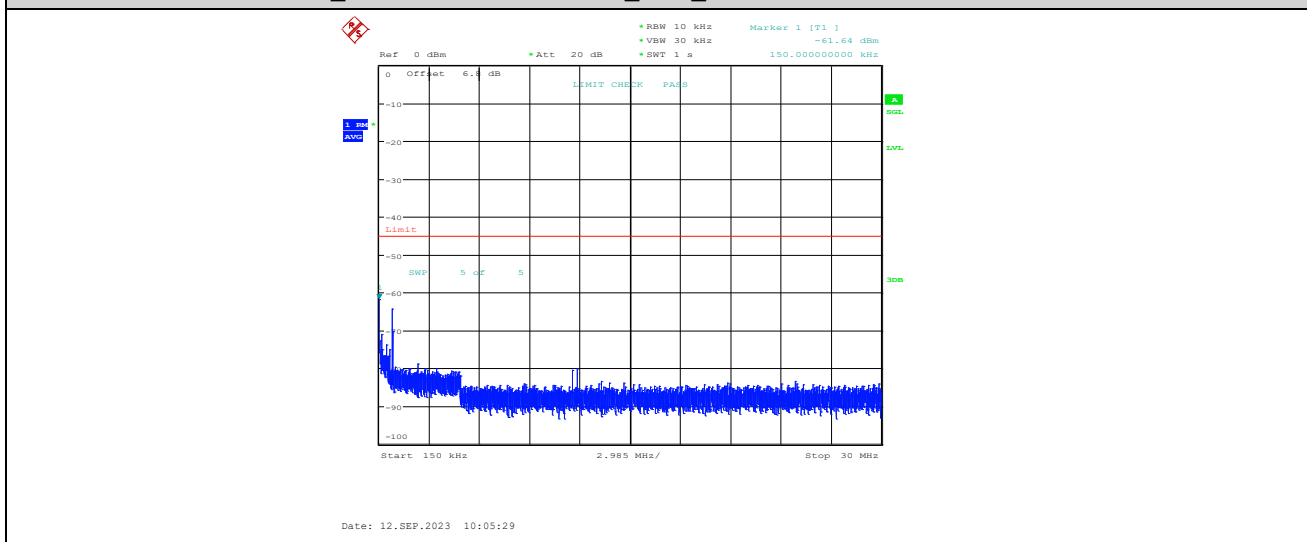
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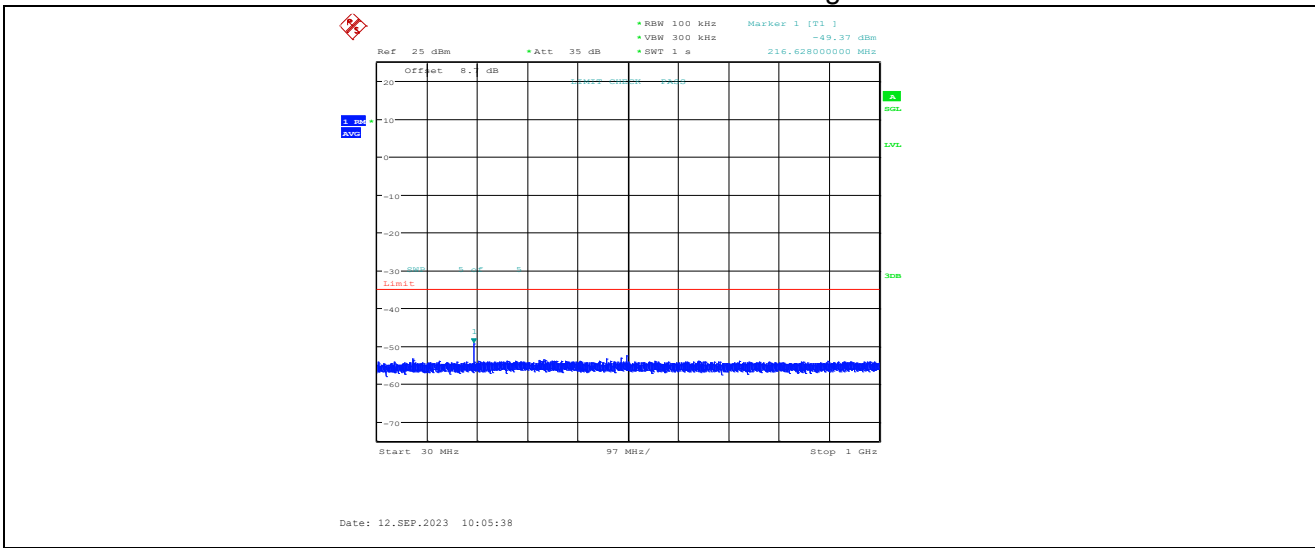


1-N7-PC3-15-40-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant3-0.15--61.64--45-PASS

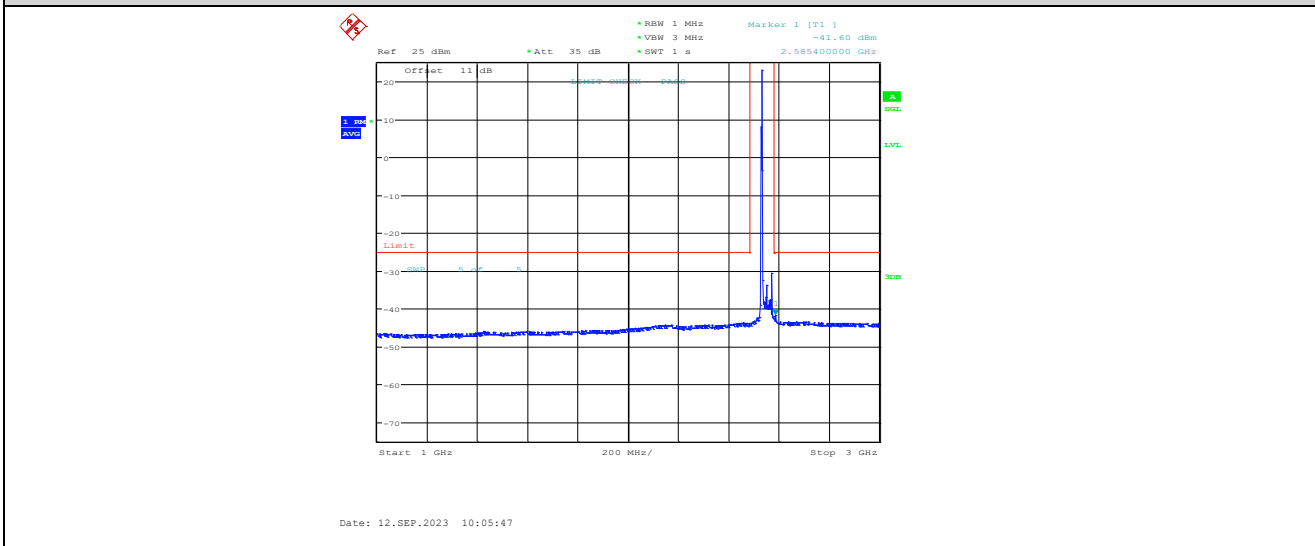


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1-N7-PC3-15-40-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-30-1000-Ant3-216.63--49.37--35-PASS



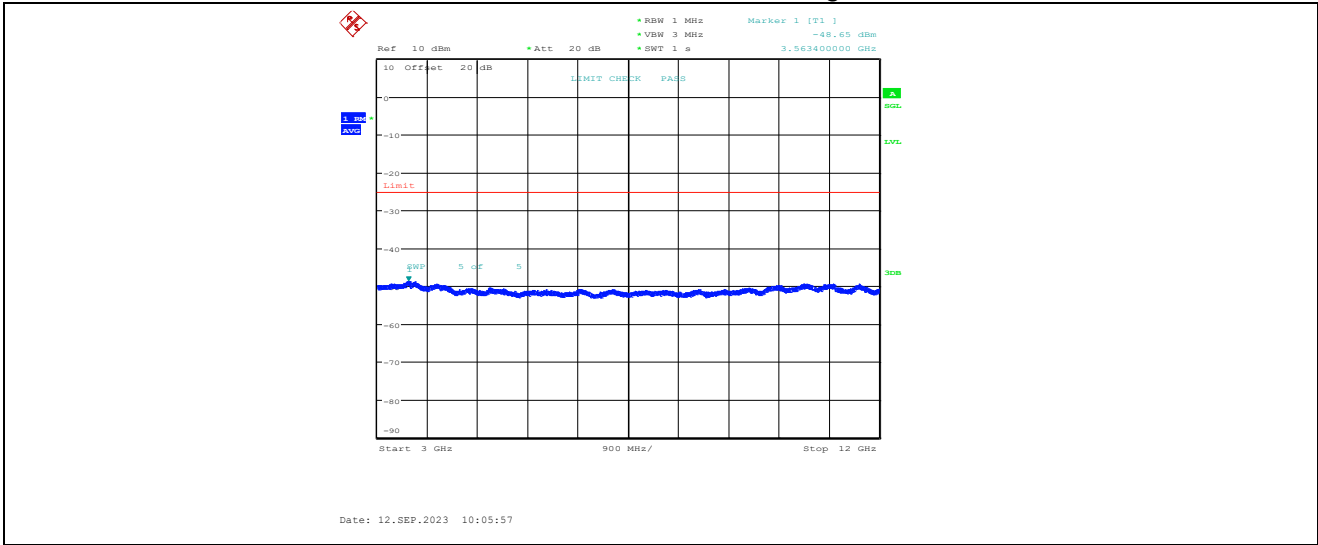
1-N7-PC3-15-40-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-1000-3000-Ant3-2585.40--41.60--25-PAS

S

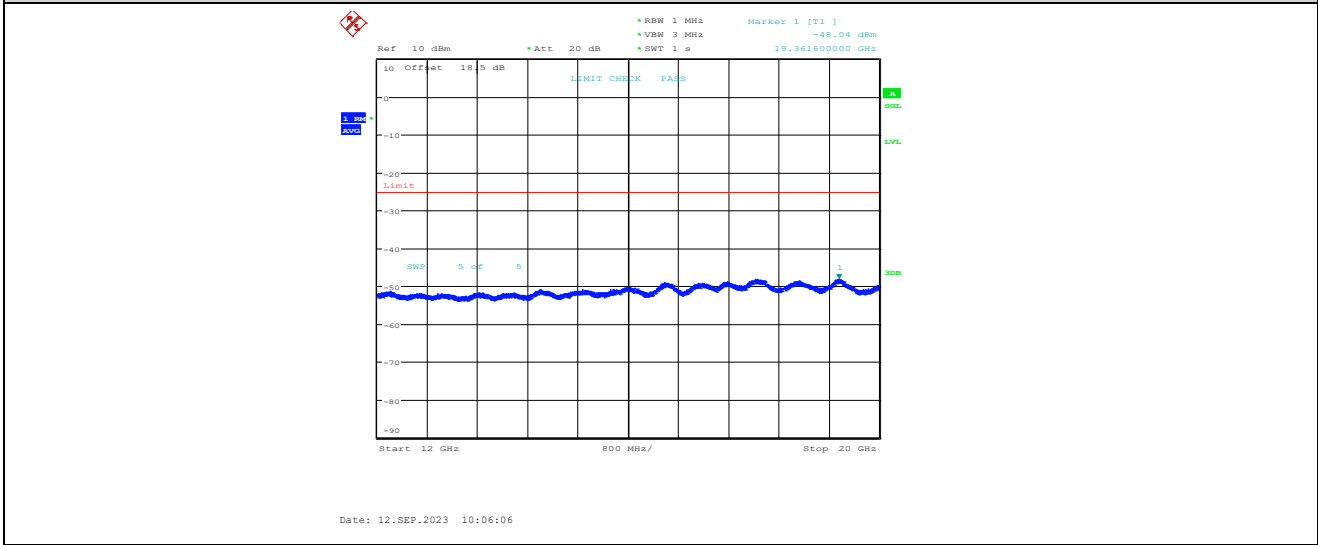


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1-N7-PC3-15-40-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant3-3563.40--48.65--25-PA
SS



1-N7-PC3-15-40-H-1-NS_01-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant3-19361.60--48.04--25-P
ASS



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Field Strength of Spurious Radiation

Test Band = SA_N7 ANT 4

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2998.5	37.48	-17.44	28.59	-46.63	-25.00	21.63	Horizontal
2	5001	48.47	-42.72	31.21	-58.30	-25.00	33.30	Horizontal
3	7502	46.41	-38.30	36.88	-50.27	-25.00	25.27	Horizontal
4	10958	43.23	-37.17	40.14	-49.06	-25.00	24.06	Horizontal
5	13555	43.61	-37.91	40.01	-49.55	-25.00	24.55	Horizontal
6	17989	41.17	-43.13	48.00	-49.22	-25.00	24.22	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2997	37.29	-17.43	28.58	-46.82	-25.00	21.82	Vertical
2	5001.5	51.39	-42.72	31.21	-55.38	-25.00	30.38	Vertical
3	7483.5	43.92	-38.29	36.87	-52.76	-25.00	27.76	Vertical
4	9904	42.30	-35.07	38.60	-49.43	-25.00	24.43	Vertical
5	13548	43.52	-37.92	40.00	-49.66	-25.00	24.66	Vertical
6	17991.5	41.52	-43.11	48.05	-48.80	-25.00	23.80	Vertical



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Test Band = SA_N7 ANT 4

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2973.5	37.19	-17.18	28.44	-46.81	-25.00	21.81	Horizontal
2	5031	49.84	-42.66	31.45	-56.63	-25.00	31.63	Horizontal
3	7439.5	44.01	-38.28	36.78	-52.75	-25.00	27.75	Horizontal
4	9913	42.37	-35.30	38.61	-49.58	-25.00	24.58	Horizontal
5	13572	43.34	-37.88	40.04	-49.76	-25.00	24.76	Horizontal
6	16600	41.92	-35.34	39.50	-49.18	-25.00	24.18	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2953.5	37.47	-17.24	28.32	-46.71	-25.00	21.71	Vertical
2	5031	50.17	-42.66	31.45	-56.30	-25.00	31.30	Vertical
3	7377	44.25	-38.42	36.61	-52.82	-25.00	27.82	Vertical
4	9898.5	42.12	-34.97	38.59	-49.52	-25.00	24.52	Vertical
5	13561	43.22	-37.90	40.02	-49.92	-25.00	24.92	Vertical
6	17992	41.39	-43.10	48.06	-48.91	-25.00	23.91	Vertical



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Test Band = SA_N7 ANT 4
 Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2971.5	37.23	-17.14	28.43	-46.74	-25.00	21.74	Horizontal
2	4002	47.02	-44.17	29.79	-62.62	-25.00	37.62	Horizontal
3	5219	45.81	-42.50	31.79	-60.16	-25.00	35.16	Horizontal
4	7970.5	43.58	-37.32	36.40	-52.60	-25.00	27.60	Horizontal
5	9917.5	42.67	-35.42	38.62	-49.39	-25.00	24.39	Horizontal
6	17989	41.66	-43.13	48.00	-48.73	-25.00	23.73	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2983	37.38	-17.34	28.50	-46.72	-25.00	21.72	Vertical
2	3940	47.19	-44.19	29.86	-62.40	-25.00	37.40	Vertical
3	5061	49.38	-42.60	31.58	-56.90	-25.00	31.90	Vertical
4	7843	43.86	-37.72	36.77	-52.35	-25.00	27.35	Vertical
5	10974.5	43.34	-37.09	40.13	-48.88	-25.00	23.88	Vertical
6	16418	42.63	-34.96	38.89	-48.70	-25.00	23.70	Vertical



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Test Band = SA_N7 ANT 3

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3956	46.90	-44.18	29.89	-62.65	-25.00	37.65	Horizontal
2	5581.5	45.00	-41.52	32.45	-59.33	-25.00	34.33	Horizontal
3	7290	44.01	-38.86	36.38	-53.73	-25.00	28.73	Horizontal
4	9922	42.44	-35.54	38.62	-49.74	-25.00	24.74	Horizontal
5	13614	42.98	-37.86	40.11	-50.03	-25.00	25.03	Horizontal
6	16382.5	41.82	-34.92	38.75	-49.61	-25.00	24.61	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3916.5	47.18	-44.20	29.77	-62.51	-25.00	37.51	Vertical
2	4997	45.98	-42.72	31.19	-60.81	-25.00	35.81	Vertical
3	7365	43.53	-38.49	36.56	-53.66	-25.00	28.66	Vertical
4	9880.5	42.30	-35.11	38.44	-49.63	-25.00	24.63	Vertical
5	13646	43.12	-37.92	40.15	-49.91	-25.00	24.91	Vertical
6	17994.5	40.82	-43.08	48.10	-49.42	-25.00	24.42	Vertical



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Test Band = SA_N7 ANT 3
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3607.5	47.79	-44.36	28.96	-62.87	-25.00	37.87	Horizontal
2	5536.5	45.64	-41.70	32.25	-59.07	-25.00	34.07	Horizontal
3	7421	43.99	-38.28	36.74	-52.81	-25.00	27.81	Horizontal
4	9914	42.59	-35.33	38.61	-49.39	-25.00	24.39	Horizontal
5	13575	43.05	-37.88	40.05	-50.04	-25.00	25.04	Horizontal
6	17993.5	41.21	-43.09	48.08	-49.06	-25.00	24.06	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3883.5	47.22	-44.32	29.70	-62.66	-25.00	37.66	Vertical
2	5888	45.18	-41.15	32.75	-58.48	-25.00	33.48	Vertical
3	8211	43.60	-37.13	36.34	-52.45	-25.00	27.45	Vertical
4	9889	42.24	-35.04	38.51	-49.55	-25.00	24.55	Vertical
5	13564	43.06	-37.89	40.03	-50.06	-25.00	25.06	Vertical
6	17994.5	41.21	-43.08	48.10	-49.03	-25.00	24.03	Vertical



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Test Band = SA_N7 ANT 3
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3747	47.23	-44.71	29.58	-63.16	-25.00	38.16	Horizontal
2	5611	45.38	-41.41	32.58	-58.71	-25.00	33.71	Horizontal
3	7400.5	43.99	-38.28	36.70	-52.85	-25.00	27.85	Horizontal
4	9902.5	42.06	-35.03	38.60	-49.63	-25.00	24.63	Horizontal
5	11244.5	44.72	-39.37	40.16	-49.75	-25.00	24.75	Horizontal
6	16588	42.19	-35.37	39.48	-48.96	-25.00	23.96	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3669	46.86	-44.46	29.30	-63.56	-25.00	38.56	Vertical
2	5530.5	45.37	-41.72	32.28	-59.33	-25.00	34.33	Vertical
3	7424	44.01	-38.28	36.75	-52.78	-25.00	27.78	Vertical
4	9880.5	42.30	-35.11	38.44	-49.63	-25.00	24.63	Vertical
5	13640	42.75	-37.91	40.14	-50.28	-25.00	25.28	Vertical
6	17995.5	41.15	-43.08	48.12	-49.07	-25.00	24.07	Vertical



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Test Band = SA_N7 ANT 5

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3945	46.96	-44.19	29.88	-62.61	-25.00	37.61	Horizontal
2	5570.5	45.48	-41.56	32.36	-58.98	-25.00	33.98	Horizontal
3	7189	43.66	-38.74	36.56	-53.78	-25.00	28.78	Horizontal
4	9913	42.40	-35.30	38.61	-49.55	-25.00	24.55	Horizontal
5	13575	43.10	-37.88	40.05	-49.99	-25.00	24.99	Horizontal
6	17989	41.61	-43.13	48.00	-48.78	-25.00	23.78	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4170.5	47.39	-43.76	29.48	-62.15	-25.00	37.15	Vertical
2	6048.5	45.29	-40.91	33.49	-57.39	-25.00	32.39	Vertical
3	8370	43.62	-36.99	36.38	-52.25	-25.00	27.25	Vertical
4	10962.5	42.70	-37.15	40.14	-49.57	-25.00	24.57	Vertical
5	13561.5	43.20	-37.90	40.02	-49.94	-25.00	24.94	Vertical
6	17991	41.32	-43.11	48.04	-49.01	-25.00	24.01	Vertical



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Test Band = SA_N7 ANT 5

Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3618.5	47.33	-44.38	29.05	-63.26	-25.00	38.26	Horizontal
2	4670	46.73	-43.00	30.36	-61.17	-25.00	36.17	Horizontal
3	6835.5	44.54	-39.40	35.54	-54.58	-25.00	29.58	Horizontal
4	9914	42.23	-35.33	38.61	-49.75	-25.00	24.75	Horizontal
5	13610.5	42.89	-37.86	40.11	-50.12	-25.00	25.12	Horizontal
6	17988.5	41.14	-43.13	47.99	-49.26	-25.00	24.26	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3923.5	47.26	-44.19	29.79	-62.40	-25.00	37.40	Vertical
2	5774	46.05	-41.35	32.45	-58.11	-25.00	33.11	Vertical
3	7432.5	44.23	-38.28	36.77	-52.54	-25.00	27.54	Vertical
4	9889.5	42.26	-35.04	38.52	-49.52	-25.00	24.52	Vertical
5	13561	43.24	-37.90	40.02	-49.90	-25.00	24.90	Vertical
6	17987.5	41.09	-43.14	47.98	-49.33	-25.00	24.33	Vertical



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Test Band = SA_N7 ANT 5

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3945	46.87	-44.19	29.88	-62.70	-25.00	37.70	Horizontal
2	5270.5	45.85	-42.38	31.72	-60.07	-25.00	35.07	Horizontal
3	6876	45.51	-39.27	35.50	-53.52	-25.00	28.52	Horizontal
4	9882	42.48	-35.10	38.46	-49.42	-25.00	24.42	Horizontal
5	13563	43.14	-37.90	40.03	-49.99	-25.00	24.99	Horizontal
6	16400	41.86	-34.82	38.80	-49.42	-25.00	24.42	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3985	47.50	-44.17	29.83	-62.10	-25.00	37.10	Vertical
2	6139.5	45.30	-40.64	33.32	-57.28	-25.00	32.28	Vertical
3	7865	43.73	-37.63	36.71	-52.45	-25.00	27.45	Vertical
4	10929.5	43.17	-37.30	40.17	-49.22	-25.00	24.22	Vertical
5	13526	43.28	-37.95	39.95	-49.98	-25.00	24.98	Vertical
6	17990.5	41.24	-43.12	48.03	-49.11	-25.00	24.11	Vertical



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Test Band = NSA_B2+N7 ANT 4+ANT 3
 Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2971.5	37.09	-17.14	28.43	-46.88	-25.00	21.88	Horizontal
2	3601	48.46	-44.35	28.91	-62.24	-25.00	37.24	Horizontal
3	5303	45.93	-42.30	31.92	-59.71	-25.00	34.71	Horizontal
4	7867.5	43.70	-37.62	36.70	-52.48	-25.00	27.48	Horizontal
5	11029.5	42.90	-37.16	40.13	-49.39	-25.00	24.39	Horizontal
6	18000	41.08	-43.04	48.20	-49.02	-25.00	24.02	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2975.5	37.39	-17.21	28.45	-46.63	-25.00	21.63	Vertical
2	3944.5	47.25	-44.19	29.88	-62.32	-25.00	37.32	Vertical
3	7404	44.27	-38.28	36.71	-52.56	-25.00	27.56	Vertical
4	9886.5	42.10	-35.06	38.49	-49.73	-25.00	24.73	Vertical
5	13570	43.40	-37.89	40.04	-49.71	-25.00	24.71	Vertical
6	17992.5	41.01	-43.10	48.07	-49.28	-25.00	24.28	Vertical



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Test Band = NSA_B2+N7 ANT 4+ANT 3
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2974.5	37.22	-17.20	28.45	-46.79	-25.00	21.79	Horizontal
2	3922.5	47.23	-44.19	29.79	-62.43	-25.00	37.43	Horizontal
3	5561.5	46.21	-41.60	32.29	-58.36	-25.00	33.36	Horizontal
4	7547	46.81	-38.53	36.43	-50.55	-25.00	25.55	Horizontal
5	10964.5	42.90	-37.14	40.14	-49.36	-25.00	24.36	Horizontal
6	17989.5	41.56	-43.12	48.01	-48.81	-25.00	23.81	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2994.5	37.50	-17.43	28.57	-46.62	-25.00	21.62	Vertical
2	3927.5	47.21	-44.19	29.81	-62.43	-25.00	37.43	Vertical
3	6869.5	44.83	-39.29	35.52	-54.20	-25.00	29.20	Vertical
4	9891	42.11	-35.03	38.53	-49.65	-25.00	24.65	Vertical
5	13573.5	43.11	-37.88	40.05	-49.98	-25.00	24.98	Vertical
6	17989.5	41.43	-43.12	48.01	-48.94	-25.00	23.94	Vertical



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Test Band = NSA_B2+N7 ANT 4+ANT 3

Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2996.5	37.47	-17.43	28.58	-46.64	-25.00	21.64	Horizontal
2	3928.5	47.04	-44.19	29.81	-62.60	-25.00	37.60	Horizontal
3	6054	45.79	-40.87	33.49	-56.85	-25.00	31.85	Horizontal
4	8795	43.61	-36.42	36.53	-51.54	-25.00	26.54	Horizontal
5	11070	43.09	-37.41	40.17	-49.41	-25.00	24.41	Horizontal
6	16595	41.90	-35.35	39.49	-49.22	-25.00	24.22	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2997.5	37.58	-17.44	28.59	-46.53	-25.00	21.53	Vertical
2	3948	47.12	-44.19	29.89	-62.44	-25.00	37.44	Vertical
3	6359	45.34	-40.79	33.86	-56.85	-25.00	31.85	Vertical
4	9890	42.24	-35.04	38.52	-49.54	-25.00	24.54	Vertical
5	13569.5	42.95	-37.89	40.04	-50.16	-25.00	25.16	Vertical
6	16361.5	42.92	-35.03	38.68	-48.69	-25.00	23.69	Vertical



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Test Band = NSA_B5+N7 ANT 1+ANT 3

Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2996.5	37.48	-17.43	28.58	-46.63	-25.00	21.63	Horizontal
2	3952	47.04	-44.18	29.90	-62.50	-25.00	37.50	Horizontal
3	5606	45.90	-41.42	32.59	-58.19	-25.00	33.19	Horizontal
4	7399.5	44.06	-38.28	36.70	-52.78	-25.00	27.78	Horizontal
5	9888	42.31	-35.05	38.50	-49.50	-25.00	24.50	Horizontal
6	17993.5	41.03	-43.09	48.08	-49.24	-25.00	24.24	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3000	37.52	-17.44	28.60	-46.58	-25.00	21.58	Vertical
2	4429.5	46.64	-43.27	30.10	-61.79	-25.00	36.79	Vertical
3	7502	43.78	-38.30	36.88	-52.90	-25.00	27.90	Vertical
4	9904	42.53	-35.07	38.60	-49.20	-25.00	24.20	Vertical
5	13542	42.94	-37.93	39.98	-50.27	-25.00	25.27	Vertical
6	17998	41.15	-43.06	48.16	-49.01	-25.00	24.01	Vertical



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Test Band = NSA_B5+N7 ANT 1+ANT 3
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	2997.5	37.50	-17.44	28.59	-46.61	-25.00	21.61	Horizontal
2	3933.5	47.09	-44.19	29.83	-62.53	-25.00	37.53	Horizontal
3	7376.5	44.14	-38.42	36.61	-52.93	-25.00	27.93	Horizontal
4	10996	42.71	-37.00	40.10	-49.45	-25.00	24.45	Horizontal
5	13550	42.95	-37.92	40.00	-50.23	-25.00	25.23	Horizontal
6	17996.5	41.08	-43.07	48.14	-49.11	-25.00	24.11	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3000	37.48	-17.44	28.60	-46.62	-25.00	21.62	Vertical
2	3909.5	47.20	-44.20	29.74	-62.52	-25.00	37.52	Vertical
3	7419.5	43.96	-38.28	36.74	-52.84	-25.00	27.84	Vertical
4	9916.5	42.40	-35.39	38.62	-49.63	-25.00	24.63	Vertical
5	13589	42.97	-37.86	40.08	-50.07	-25.00	25.07	Vertical
6	17987	41.60	-43.14	47.97	-48.83	-25.00	23.83	Vertical



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Test Band = NSA_B5+N7 ANT 1+ANT 3
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3956	47.07	-44.18	29.89	-62.48	-25.00	37.48	Horizontal
2	6049	45.26	-40.90	33.49	-57.41	-25.00	32.41	Horizontal
3	7923.5	43.80	-37.43	36.45	-52.44	-25.00	27.44	Horizontal
4	11031	42.76	-37.17	40.13	-49.54	-25.00	24.54	Horizontal
5	13563	42.91	-37.90	40.03	-50.22	-25.00	25.22	Horizontal
6	17989.5	41.33	-43.12	48.01	-49.04	-25.00	24.04	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3984.5	47.11	-44.17	29.83	-62.49	-25.00	37.49	Vertical
2	6119.5	45.33	-40.59	33.36	-57.16	-25.00	32.16	Vertical
3	7850	43.67	-37.69	36.80	-52.48	-25.00	27.48	Vertical
4	9886	42.36	-35.07	38.49	-49.48	-25.00	24.48	Vertical
5	13565.5	42.88	-37.89	40.03	-50.24	-25.00	25.24	Vertical
6	16491	42.11	-35.55	39.26	-49.44	-25.00	24.44	Vertical



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Test Band = NSA_B66+N7 ANT 5+ANT 3
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3602.5	47.79	-44.35	28.92	-62.90	-25.00	37.90	Horizontal
2	4556	47.79	-43.09	29.75	-60.81	-25.00	35.81	Horizontal
3	7872.5	43.76	-37.60	36.67	-52.43	-25.00	27.43	Horizontal
4	9879	42.38	-35.12	38.43	-49.57	-25.00	24.57	Horizontal
5	13592.5	43.13	-37.85	40.09	-49.89	-25.00	24.89	Horizontal
6	17992.5	41.11	-43.10	48.07	-49.18	-25.00	24.18	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3823	47.17	-44.76	29.75	-63.10	-25.00	38.10	Vertical
2	5683	45.39	-41.19	32.50	-58.56	-25.00	33.56	Vertical
3	7397	44.39	-38.30	36.69	-52.48	-25.00	27.48	Vertical
4	9876	42.89	-35.14	38.41	-49.10	-25.00	24.10	Vertical
5	13571	43.06	-37.88	40.04	-50.04	-25.00	25.04	Vertical
6	16600	41.78	-35.34	39.50	-49.32	-25.00	24.32	Vertical



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Test Band = NSA_B66+N7 ANT 5+ANT 3
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3931.5	47.36	-44.19	29.83	-62.26	-25.00	37.26	Horizontal
2	5150	45.88	-42.54	31.80	-60.12	-25.00	35.12	Horizontal
3	7388.5	44.04	-38.35	36.65	-52.92	-25.00	27.92	Horizontal
4	9913	42.32	-35.30	38.61	-49.63	-25.00	24.63	Horizontal
5	13555.5	43.05	-37.91	40.01	-50.11	-25.00	25.11	Horizontal
6	17989.5	41.43	-43.12	48.01	-48.94	-25.00	23.94	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3869	47.27	-44.43	29.70	-62.72	-25.00	37.72	Vertical
2	5399	45.14	-41.99	32.49	-59.62	-25.00	34.62	Vertical
3	6852	44.82	-39.35	35.59	-54.20	-25.00	29.20	Vertical
4	9892	42.44	-35.02	38.54	-49.30	-25.00	24.30	Vertical
5	13577	43.38	-37.87	40.05	-49.70	-25.00	24.70	Vertical
6	16600.5	42.00	-35.37	39.50	-49.13	-25.00	24.13	Vertical



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Test Band = NSA_B66+N7 ANT 5+ANT 3
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3943	47.36	-44.19	29.87	-62.22	-25.00	37.22	Horizontal
2	5882.5	45.64	-41.17	32.73	-58.06	-25.00	33.06	Horizontal
3	7592	48.83	-38.77	36.74	-48.46	-25.00	23.46	Horizontal
4	9921	43.12	-35.51	38.62	-49.03	-25.00	24.03	Horizontal
5	13566	43.07	-37.89	40.03	-50.05	-25.00	25.05	Horizontal
6	17990	41.67	-43.12	48.02	-48.69	-25.00	23.69	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	4246.5	46.96	-43.49	29.79	-62.00	-25.00	37.00	Vertical
2	5824	45.91	-41.35	32.50	-58.20	-25.00	33.20	Vertical
3	7592	46.33	-38.77	36.74	-50.96	-25.00	25.96	Vertical
4	9914.5	42.59	-35.34	38.61	-49.40	-25.00	24.40	Vertical
5	11241	45.14	-39.36	40.16	-49.32	-25.00	24.32	Vertical
6	17991.5	41.31	-43.11	48.05	-49.01	-25.00	24.01	Vertical

Remark:

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

AF = Antenna Factor(dB/m)

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

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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Frequency Stability for SA

Test Result

Frequency Error VS. Voltage

Voltage										
Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	40	DFT-PI2BPSK	M	Outer_Full	VH	NT	-5.03	0.00	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	VN	NT	-8.61	0.00	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	VL	NT	-8.05	0.00	PASS
N7	15	40	CP-QPSK	M	Outer_Full	VH	NT	-3.86	0.00	PASS
N7	15	40	CP-QPSK	M	Outer_Full	VN	NT	-7.02	0.00	PASS
N7	15	40	CP-QPSK	M	Outer_Full	VL	NT	-10.55	0.00	PASS



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Frequency Error VS. Temperature

Temperature

Band	SCS	Bandwidth	Modulation	Channel	RB Config	Voltage	Temperature	Deviation(Hz)	Deviation (ppm)	Verdict
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-30	-2.431000	-0.000959	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-20	-3.857000	-0.001521	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	-10	-4.619000	-0.001822	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	0	-3.835000	-0.001513	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	10	-1.149000	-0.000453	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	20	-3.816000	-0.001505	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	30	-4.726000	-0.001864	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	40	-2.528000	-0.000997	PASS
N7	15	40	DFT-PI2BPSK	M	Outer_Full	NV	50	-2.730000	-0.001077	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	-30	-3.304000	-0.001303	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	-20	-3.697000	-0.001458	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	-10	-2.206000	-0.000870	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	0	-2.246000	-0.000886	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	10	-5.021000	-0.001981	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	20	-4.502000	-0.001776	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	30	-7.179000	-0.002832	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	40	-5.320000	-0.002099	PASS
N7	15	40	CP-QPSK	M	Outer_Full	NV	50	-3.289000	-0.001297	PASS

---End of Attachment---



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