

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
n77(3700-3980)	30	10	647000	12@6	DFT_BPSK	22.68	21.54	30	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	22.57	21.43	30	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	22.60	21.46	30	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	22.62	21.48	30	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	22.48	21.34	30	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	22.48	21.34	30	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM16	21.71	20.57	30	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM16	21.41	20.27	30	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM16	21.62	20.48	30	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM64	20.10	18.96	30	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM64	20.41	19.27	30	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM64	20.34	19.2	30	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM256	18.38	17.24	30	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM256	18.50	17.36	30	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM256	18.44	17.3	30	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	21.28	20.14	30	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	21.05	19.91	30	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	21.06	19.92	30	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM16	20.58	19.44	30	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM16	21.13	19.99	30	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM16	20.78	19.64	30	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM64	19.13	17.99	30	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM64	19.28	18.14	30	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM64	19.29	18.15	30	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM256	16.22	15.08	30	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM256	16.21	15.07	30	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM256	16.41	15.27	30	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	22.51	21.37	30	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	22.50	21.36	30	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	22.43	21.29	30	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	22.49	21.35	30	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	22.36	21.22	30	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	22.24	21.1	30	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM16	21.57	20.43	30	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM16	21.46	20.32	30	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM16	21.35	20.21	30	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM64	19.98	18.84	30	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM64	20.27	19.13	30	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM64	20.12	18.98	30	PASS

n77(3700-3980)	30	10	656000	12@6	DFT_QAM256	18.00	16.86	30	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM256	18.25	17.11	30	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM256	18.14	17	30	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	21.05	19.91	30	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	21.09	19.95	30	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	20.71	19.57	30	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM16	20.42	19.28	30	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM16	20.86	19.72	30	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM16	20.42	19.28	30	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM64	19.02	17.88	30	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM64	19.17	18.03	30	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM64	19.04	17.9	30	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM256	16.16	15.02	30	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM256	16.25	15.11	30	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM256	16.16	15.02	30	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	22.56	21.42	30	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	22.57	21.43	30	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	22.48	21.34	30	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	22.59	21.45	30	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	22.44	21.3	30	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	22.40	21.26	30	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM16	21.65	20.51	30	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM16	21.53	20.39	30	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM16	21.47	20.33	30	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM64	20.12	18.98	30	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM64	20.38	19.24	30	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM64	20.36	19.22	30	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM256	18.23	17.09	30	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM256	18.35	17.21	30	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM256	18.34	17.2	30	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	20.92	19.78	30	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	21.03	19.89	30	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	20.86	19.72	30	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM16	20.14	19	30	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM16	20.61	19.47	30	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM16	20.73	19.59	30	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM64	18.95	17.81	30	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM64	19.15	18.01	30	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM64	19.21	18.07	30	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM256	16.24	15.1	30	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM256	16.22	15.08	30	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM256	16.09	14.95	30	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	22.61	21.47	30	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	22.50	21.36	30	PASS

n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	22.44	21.3	30	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	22.61	21.47	30	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	22.45	21.31	30	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	22.34	21.2	30	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM16	21.65	20.51	30	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM16	21.43	20.29	30	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM16	21.51	20.37	30	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM64	20.13	18.99	30	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM64	20.37	19.23	30	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM64	20.29	19.15	30	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM256	18.15	17.01	30	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM256	18.44	17.3	30	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM256	18.35	17.21	30	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	21.18	20.04	30	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	20.99	19.85	30	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	20.89	19.75	30	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM16	20.57	19.43	30	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM16	20.80	19.66	30	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM16	20.76	19.62	30	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM64	19.07	17.93	30	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM64	19.30	18.16	30	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM64	19.24	18.1	30	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM256	16.24	15.1	30	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM256	16.30	15.16	30	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM256	16.13	14.99	30	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	22.43	21.29	30	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	22.39	21.25	30	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	22.30	21.16	30	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	22.50	21.36	30	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	22.36	21.22	30	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	22.28	21.14	30	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM16	21.50	20.36	30	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM16	21.75	20.61	30	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM16	21.62	20.48	30	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM64	20.02	18.88	30	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM64	20.22	19.08	30	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM64	20.07	18.93	30	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM256	21.98	20.84	30	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM256	21.97	20.83	30	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM256	21.98	20.84	30	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	21.97	20.83	30	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	21.98	20.84	30	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QPSK	21.97	20.83	30	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM16	21.97	20.83	30	PASS

n77(3700-3980)	30	15	656000	1@1	CP_QAM16	21.96	20.82	30	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM16	21.96	20.82	30	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM64	21.96	20.82	30	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM64	21.97	20.83	30	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM64	21.99	20.85	30	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM256	22.00	20.86	30	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM256	22.00	20.86	30	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM256	21.99	20.85	30	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	22.55	21.41	30	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	22.44	21.3	30	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	22.49	21.35	30	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	22.57	21.43	30	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	22.29	21.15	30	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	22.31	21.17	30	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM16	21.59	20.45	30	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM16	21.83	20.69	30	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM16	21.44	20.3	30	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM64	20.06	18.92	30	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM64	20.23	19.09	30	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM64	20.20	19.06	30	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM256	18.26	17.12	30	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM256	18.29	17.15	30	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM256	18.18	17.04	30	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	20.91	19.77	30	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	20.86	19.72	30	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	20.72	19.58	30	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM16	20.36	19.22	30	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM16	20.17	19.03	30	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM16	20.56	19.42	30	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM64	18.92	17.78	30	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM64	18.94	17.8	30	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM64	18.85	17.71	30	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM256	16.27	15.13	30	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM256	16.10	14.96	30	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM256	16.33	15.19	30	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	22.64	21.5	30	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	22.53	21.39	30	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	22.37	21.23	30	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	22.58	21.44	30	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	22.34	21.2	30	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	22.20	21.06	30	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM16	21.62	20.48	30	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM16	21.33	20.19	30	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM16	21.24	20.1	30	PASS

n77(3700-3980)	30	20	647334	25@12	DFT_QAM64	20.10	18.96	30	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM64	20.24	19.1	30	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM64	20.17	19.03	30	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM256	18.34	17.2	30	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM256	18.32	17.18	30	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM256	18.28	17.14	30	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	21.03	19.89	30	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	20.82	19.68	30	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	20.83	19.69	30	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM16	20.60	19.46	30	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM16	20.73	19.59	30	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM16	20.37	19.23	30	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM64	19.12	17.98	30	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM64	19.00	17.86	30	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM64	19.12	17.98	30	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM256	16.12	14.98	30	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM256	16.30	15.16	30	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM256	16.07	14.93	30	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	22.48	21.34	30	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	22.38	21.24	30	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	22.27	21.13	30	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	22.50	21.36	30	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	22.26	21.12	30	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	22.01	20.87	30	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM16	21.47	20.33	30	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM16	21.19	20.05	30	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM16	20.92	19.78	30	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM64	19.98	18.84	30	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM64	20.14	19	30	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM64	19.92	18.78	30	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM256	18.19	17.05	30	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM256	18.23	17.09	30	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM256	18.01	16.87	30	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	20.95	19.81	30	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	20.75	19.61	30	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	20.67	19.53	30	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM16	20.51	19.37	30	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM16	20.33	19.19	30	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM16	20.18	19.04	30	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM64	19.03	17.89	30	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM64	19.24	18.1	30	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM64	18.53	17.39	30	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM256	15.94	14.8	30	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM256	15.99	14.85	30	PASS

n77(3700-3980)	30	20	656000	1@49	CP_QAM256	15.76	14.62	30	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	22.58	21.44	30	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	22.42	21.28	30	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	22.46	21.32	30	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	22.61	21.47	30	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	22.25	21.11	30	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	22.24	21.1	30	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM16	21.63	20.49	30	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM16	21.16	20.02	30	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM16	21.18	20.04	30	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM64	20.11	18.97	30	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM64	20.26	19.12	30	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM64	20.25	19.11	30	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM256	18.27	17.13	30	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM256	18.08	16.94	30	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM256	18.25	17.11	30	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	20.98	19.84	30	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	20.72	19.58	30	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	20.77	19.63	30	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM16	20.65	19.51	30	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM16	20.43	19.29	30	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM16	20.41	19.27	30	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM64	19.09	17.95	30	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM64	19.25	18.11	30	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM64	18.81	17.67	30	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM256	16.03	14.89	30	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM256	16.06	14.92	30	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM256	16.02	14.88	30	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_BPSK	22.52	21.38	30	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_BPSK	22.29	21.15	30	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_BPSK	22.38	21.24	30	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QPSK	22.59	21.45	30	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QPSK	22.14	21	30	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QPSK	22.26	21.12	30	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM16	21.58	20.44	30	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM16	21.72	20.58	30	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM16	21.77	20.63	30	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM64	20.04	18.9	30	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM64	20.10	18.96	30	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM64	20.11	18.97	30	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM256	18.21	17.07	30	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM256	18.11	16.97	30	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM256	18.27	17.13	30	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QPSK	21.04	19.9	30	PASS

n77(3700-3980)	30	30	647668	1@1	CP_QPSK	20.66	19.52	30	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QPSK	20.74	19.6	30	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM16	20.54	19.4	30	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM16	20.43	19.29	30	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM16	20.42	19.28	30	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM64	19.02	17.88	30	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM64	18.72	17.58	30	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM64	18.89	17.75	30	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM256	16.21	15.07	30	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM256	16.16	15.02	30	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM256	16.29	15.15	30	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_BPSK	22.55	21.41	30	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_BPSK	22.25	21.11	30	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_BPSK	22.05	20.91	30	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QPSK	22.54	21.4	30	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QPSK	22.12	20.98	30	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QPSK	21.94	20.8	30	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM16	21.51	20.37	30	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM16	21.07	19.93	30	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM16	21.06	19.92	30	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM64	19.98	18.84	30	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM64	19.91	18.77	30	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM64	19.66	18.52	30	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM256	18.10	16.96	30	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM256	17.89	16.75	30	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM256	17.69	16.55	30	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QPSK	20.92	19.78	30	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QPSK	20.71	19.57	30	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QPSK	20.50	19.36	30	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM16	20.52	19.38	30	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM16	20.17	19.03	30	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM16	20.03	18.89	30	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM64	18.95	17.81	30	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM64	18.78	17.64	30	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM64	18.54	17.4	30	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM256	16.20	15.06	30	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM256	15.94	14.8	30	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM256	15.66	14.52	30	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_BPSK	22.58	21.44	30	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_BPSK	22.19	21.05	30	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_BPSK	22.30	21.16	30	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QPSK	22.56	21.42	30	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QPSK	22.07	20.93	30	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QPSK	22.19	21.05	30	PASS

n77(3700-3980)	30	30	664332	36@18	DFT_QAM16	21.48	20.34	30	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM16	21.20	20.06	30	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM16	21.21	20.07	30	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM64	19.97	18.83	30	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM64	19.99	18.85	30	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM64	20.08	18.94	30	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM256	18.16	17.02	30	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM256	17.90	16.76	30	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM256	18.05	16.91	30	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QPSK	20.94	19.8	30	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QPSK	20.69	19.55	30	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QPSK	20.71	19.57	30	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM16	20.49	19.35	30	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM16	20.38	19.24	30	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM16	20.31	19.17	30	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM64	19.05	17.91	30	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM64	18.58	17.44	30	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM64	18.97	17.83	30	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM256	16.17	15.03	30	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM256	15.84	14.7	30	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM256	15.86	14.72	30	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	22.58	21.44	30	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	22.04	20.9	30	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	22.28	21.14	30	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	22.57	21.43	30	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	21.92	20.78	30	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	22.14	21	30	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM16	21.59	20.45	30	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM16	20.91	19.77	30	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM16	21.23	20.09	30	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM64	20.07	18.93	30	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM64	19.86	18.72	30	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM64	20.06	18.92	30	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM256	18.32	17.18	30	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM256	17.92	16.78	30	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM256	18.15	17.01	30	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	20.99	19.85	30	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	20.38	19.24	30	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	20.60	19.46	30	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM16	20.59	19.45	30	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM16	20.51	19.37	30	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM16	20.40	19.26	30	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM64	19.10	17.96	30	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM64	18.51	17.37	30	PASS

n77(3700-3980)	30	40	648000	1@104	CP_QAM64	19.05	17.91	30	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM256	16.22	15.08	30	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM256	15.73	14.59	30	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM256	16.10	14.96	30	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	22.58	21.44	30	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	22.00	20.86	30	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	21.84	20.7	30	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	22.54	21.4	30	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	21.77	20.63	30	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	21.67	20.53	30	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM16	21.49	20.35	30	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM16	20.96	19.82	30	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM16	20.83	19.69	30	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM64	20.01	18.87	30	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM64	19.74	18.6	30	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM64	19.65	18.51	30	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM256	18.07	16.93	30	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM256	17.65	16.51	30	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM256	17.64	16.5	30	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	20.87	19.73	30	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	20.44	19.3	30	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	20.09	18.95	30	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM16	20.44	19.3	30	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM16	20.09	18.95	30	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM16	19.81	18.67	30	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM64	19.00	17.86	30	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM64	18.40	17.26	30	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM64	18.15	17.01	30	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM256	16.11	14.97	30	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM256	15.59	14.45	30	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM256	15.65	14.51	30	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	22.51	21.37	30	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	21.92	20.78	30	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	22.03	20.89	30	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	22.50	21.36	30	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	21.74	20.6	30	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	21.85	20.71	30	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM16	21.44	20.3	30	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM16	21.31	20.17	30	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM16	21.09	19.95	30	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM64	19.91	18.77	30	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM64	19.68	18.54	30	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM64	19.76	18.62	30	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM256	18.12	16.98	30	PASS

n77(3700-3980)	30	40	664000	1@1	DFT_QAM256	17.56	16.42	30	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM256	17.85	16.71	30	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	20.75	19.61	30	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	20.40	19.26	30	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	20.41	19.27	30	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM16	20.57	19.43	30	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM16	20.03	18.89	30	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM16	19.81	18.67	30	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM64	19.01	17.87	30	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM64	18.32	17.18	30	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM64	18.43	17.29	30	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM256	16.07	14.93	30	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM256	15.58	14.44	30	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM256	15.61	14.47	30	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	22.74	21.6	30	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	22.36	21.22	30	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	22.55	21.41	30	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	22.73	21.59	30	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	22.17	21.03	30	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	22.38	21.24	30	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM16	21.68	20.54	30	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM16	21.30	20.16	30	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM16	21.54	20.4	30	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM64	20.19	19.05	30	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM64	19.92	18.78	30	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM64	20.33	19.19	30	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM256	18.39	17.25	30	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM256	18.26	17.12	30	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM256	18.24	17.1	30	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	21.13	19.99	30	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	20.76	19.62	30	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	20.88	19.74	30	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM16	20.69	19.55	30	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM16	20.58	19.44	30	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM16	20.44	19.3	30	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM64	19.17	18.03	30	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM64	18.91	17.77	30	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM64	19.06	17.92	30	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM256	16.47	15.33	30	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM256	16.02	14.88	30	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM256	16.19	15.05	30	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	22.50	21.36	30	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	22.30	21.16	30	PASS

n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	22.11	20.97	30	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	22.54	21.4	30	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	22.10	20.96	30	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	22.07	20.93	30	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM16	21.53	20.39	30	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM16	21.19	20.05	30	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM16	21.11	19.97	30	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM64	20.02	18.88	30	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM64	20.05	18.91	30	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM64	19.89	18.75	30	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM256	18.23	17.09	30	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM256	18.08	16.94	30	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM256	17.76	16.62	30	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	20.88	19.74	30	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	20.75	19.61	30	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	20.52	19.38	30	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM16	20.34	19.2	30	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM16	20.58	19.44	30	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM16	20.24	19.1	30	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM64	19.01	17.87	30	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM64	19.15	18.01	30	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM64	18.52	17.38	30	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM256	16.15	15.01	30	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM256	16.09	14.95	30	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM256	15.85	14.71	30	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	22.52	21.38	30	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	22.18	21.04	30	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	22.37	21.23	30	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	22.56	21.42	30	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	21.92	20.78	30	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	22.16	21.02	30	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM16	21.55	20.41	30	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM16	20.91	19.77	30	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM16	21.08	19.94	30	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM64	20.01	18.87	30	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM64	19.92	18.78	30	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM64	20.11	18.97	30	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM256	18.20	17.06	30	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM256	17.92	16.78	30	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM256	18.00	16.86	30	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	20.82	19.68	30	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	20.54	19.4	30	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	20.69	19.55	30	PASS

n77(3700-3980)	30	50	663666	67@33	CP_QAM16	19.98	18.84	30	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM16	20.48	19.34	30	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM16	20.15	19.01	30	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM64	18.99	17.85	30	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM64	19.01	17.87	30	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM64	19.21	18.07	30	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM256	16.16	15.02	30	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM256	15.82	14.68	30	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM256	16.04	14.9	30	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	22.74	21.6	30	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	22.21	21.07	30	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	22.22	21.08	30	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	22.78	21.64	30	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	22.05	20.91	30	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	22.10	20.96	30	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM16	21.71	20.57	30	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM16	21.02	19.88	30	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM16	21.11	19.97	30	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM64	20.17	19.03	30	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM64	19.94	18.8	30	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM64	20.10	18.96	30	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM256	18.37	17.23	30	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM256	17.96	16.82	30	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM256	18.10	16.96	30	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	21.12	19.98	30	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	20.74	19.6	30	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	20.85	19.71	30	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM16	20.64	19.5	30	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM16	20.45	19.31	30	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM16	20.49	19.35	30	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM64	19.16	18.02	30	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM64	19.06	17.92	30	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM64	19.15	18.01	30	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM256	16.32	15.18	30	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM256	16.09	14.95	30	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM256	16.09	14.95	30	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	22.49	21.35	30	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	22.00	20.86	30	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	21.91	20.77	30	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	22.48	21.34	30	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	21.97	20.83	30	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	21.92	20.78	30	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM16	21.44	20.3	30	PASS

n77(3700-3980)	30	60	656000	1@1	DFT_QAM16	20.90	19.76	30	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM16	20.79	19.65	30	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM64	20.03	18.89	30	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM64	19.63	18.49	30	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM64	19.54	18.4	30	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM256	18.10	16.96	30	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM256	17.71	16.57	30	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM256	17.71	16.57	30	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	20.82	19.68	30	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QPSK	20.58	19.44	30	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	20.46	19.32	30	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM16	20.38	19.24	30	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM16	20.20	19.06	30	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM16	20.02	18.88	30	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM64	18.96	17.82	30	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM64	18.67	17.53	30	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM64	18.65	17.51	30	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM256	16.08	14.94	30	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM256	15.81	14.67	30	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM256	15.70	14.56	30	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	22.51	21.37	30	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	21.86	20.72	30	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	22.13	20.99	30	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	22.50	21.36	30	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	21.75	20.61	30	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	22.08	20.94	30	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM16	21.49	20.35	30	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM16	20.69	19.55	30	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM16	21.02	19.88	30	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM64	19.99	18.85	30	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM64	19.48	18.34	30	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM64	19.73	18.59	30	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM256	18.16	17.02	30	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM256	17.54	16.4	30	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM256	17.90	16.76	30	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	20.74	19.6	30	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	20.28	19.14	30	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	20.53	19.39	30	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM16	19.97	18.83	30	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM16	20.16	19.02	30	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM16	20.25	19.11	30	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM64	18.87	17.73	30	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM64	18.43	17.29	30	PASS

n77(3700-3980)	30	60	663332	1@160	CP_QAM64	18.72	17.58	30	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM256	16.06	14.92	30	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM256	15.55	14.41	30	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM256	15.90	14.76	30	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	22.87	21.73	30	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	22.13	20.99	30	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	22.18	21.04	30	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	22.82	21.68	30	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	21.97	20.83	30	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	22.04	20.9	30	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM16	21.91	20.77	30	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM16	21.12	19.98	30	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM16	21.14	20	30	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM64	20.34	19.2	30	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM64	19.98	18.84	30	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM64	19.98	18.84	30	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM256	18.52	17.38	30	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM256	18.10	16.96	30	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM256	18.04	16.9	30	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	21.23	20.09	30	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	20.58	19.44	30	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	20.60	19.46	30	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM16	20.72	19.58	30	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM16	20.00	18.86	30	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM16	20.06	18.92	30	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM64	19.25	18.11	30	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM64	18.56	17.42	30	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM64	18.82	17.68	30	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM256	16.43	15.29	30	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM256	15.92	14.78	30	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM256	16.11	14.97	30	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	22.51	21.37	30	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	22.00	20.86	30	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	21.72	20.58	30	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	22.51	21.37	30	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	21.85	20.71	30	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	21.54	20.4	30	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM16	21.51	20.37	30	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM16	20.94	19.8	30	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM16	21.03	19.89	30	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM64	20.01	18.87	30	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM64	19.72	18.58	30	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM64	19.43	18.29	30	PASS

n77(3700-3980)	30	80	656000	108@54	DFT_QAM256	18.15	17.01	30	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM256	17.66	16.52	30	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM256	17.60	16.46	30	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	20.88	19.74	30	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	20.31	19.17	30	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	20.05	18.91	30	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM16	20.47	19.33	30	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM16	20.07	18.93	30	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM16	19.80	18.66	30	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM64	19.01	17.87	30	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM64	18.32	17.18	30	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM64	18.59	17.45	30	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM256	16.13	14.99	30	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM256	15.70	14.56	30	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM256	15.60	14.46	30	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	22.45	21.31	30	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	21.81	20.67	30	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	22.02	20.88	30	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	22.47	21.33	30	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	21.60	20.46	30	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	21.90	20.76	30	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM16	21.45	20.31	30	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM16	21.17	20.03	30	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM16	21.32	20.18	30	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM64	19.94	18.8	30	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM64	19.55	18.41	30	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM64	19.80	18.66	30	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM256	18.08	16.94	30	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM256	17.50	16.36	30	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM256	17.86	16.72	30	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	20.96	19.82	30	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	20.13	18.99	30	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QPSK	20.25	19.11	30	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM16	20.36	19.22	30	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM16	19.98	18.84	30	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM16	20.08	18.94	30	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM64	18.81	17.67	30	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM64	18.60	17.46	30	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM64	18.83	17.69	30	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM256	16.05	14.91	30	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM256	15.55	14.41	30	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM256	15.86	14.72	30	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	22.82	21.68	30	PASS

n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	22.04	20.9	30	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	22.01	20.87	30	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	22.82	21.68	30	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	21.91	20.77	30	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	21.91	20.77	30	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM16	21.86	20.72	30	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM16	21.31	20.17	30	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM16	21.34	20.2	30	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM64	20.30	19.16	30	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM64	19.70	18.56	30	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM64	19.77	18.63	30	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM256	18.50	17.36	30	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM256	17.89	16.75	30	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM256	17.78	16.64	30	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	21.22	20.08	30	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	20.35	19.21	30	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	20.39	19.25	30	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM16	20.76	19.62	30	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM16	20.08	18.94	30	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM16	20.24	19.1	30	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM64	19.23	18.09	30	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM64	18.87	17.73	30	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM64	18.87	17.73	30	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM256	16.37	15.23	30	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM256	15.82	14.68	30	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM256	15.93	14.79	30	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	22.43	21.29	30	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	21.85	20.71	30	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	21.44	20.3	30	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	22.54	21.4	30	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	21.66	20.52	30	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	21.32	20.18	30	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM16	21.51	20.37	30	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM16	20.73	19.59	30	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM16	20.80	19.66	30	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM64	20.01	18.87	30	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM64	19.50	18.36	30	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM64	19.30	18.16	30	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM256	18.17	17.03	30	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM256	17.57	16.43	30	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM256	17.45	16.31	30	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	20.78	19.64	30	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	20.21	19.07	30	PASS

n77(3700-3980)	30	90	656000	1@243	CP_QPSK	19.85	18.71	30	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM16	20.46	19.32	30	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM16	19.85	18.71	30	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM16	19.40	18.26	30	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM64	18.86	17.72	30	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM64	18.17	17.03	30	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM64	17.76	16.62	30	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM256	16.08	14.94	30	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM256	15.72	14.58	30	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM256	15.37	14.23	30	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	22.41	21.27	30	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	21.41	20.27	30	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	21.93	20.79	30	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	22.40	21.26	30	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	21.25	20.11	30	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	21.74	20.6	30	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM16	21.32	20.18	30	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM16	20.74	19.6	30	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM16	21.22	20.08	30	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM64	19.78	18.64	30	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM64	19.13	17.99	30	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM64	19.70	18.56	30	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM256	18.04	16.9	30	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM256	17.18	16.04	30	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM256	17.84	16.7	30	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	20.58	19.44	30	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	19.87	18.73	30	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	20.55	19.41	30	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM16	20.34	19.2	30	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM16	19.26	18.12	30	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM16	20.04	18.9	30	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM64	18.81	17.67	30	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM64	17.83	16.69	30	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM64	18.69	17.55	30	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM256	15.90	14.76	30	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM256	15.31	14.17	30	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM256	15.81	14.67	30	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	22.81	21.67	30	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	21.75	20.61	30	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	21.84	20.7	30	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	22.73	21.59	30	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	21.66	20.52	30	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	21.70	20.56	30	PASS

n77(3700-3980)	30	100	650000	135@67	DFT_QAM16	21.82	20.68	30	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM16	20.80	19.66	30	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM16	21.14	20	30	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM64	20.26	19.12	30	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM64	19.53	18.39	30	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM64	19.55	18.41	30	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM256	18.48	17.34	30	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM256	17.63	16.49	30	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM256	17.85	16.71	30	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	21.18	20.04	30	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	20.21	19.07	30	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	20.31	19.17	30	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM16	20.79	19.65	30	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM16	19.91	18.77	30	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM16	19.63	18.49	30	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM64	19.16	18.02	30	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM64	18.61	17.47	30	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM64	18.67	17.53	30	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM256	16.32	15.18	30	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM256	15.73	14.59	30	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM256	15.76	14.62	30	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	22.50	21.36	30	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	21.56	20.42	30	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	21.33	20.19	30	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	22.47	21.33	30	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	21.36	20.22	30	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	21.12	19.98	30	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM16	21.42	20.28	30	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM16	20.35	19.21	30	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM16	20.22	19.08	30	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM64	20.00	18.86	30	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM64	19.37	18.23	30	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM64	19.01	17.87	30	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM256	18.12	16.98	30	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM256	17.37	16.23	30	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM256	17.05	15.91	30	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	20.85	19.71	30	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	20.00	18.86	30	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	19.80	18.66	30	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM16	20.52	19.38	30	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM16	19.48	18.34	30	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM16	19.56	18.42	30	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM64	18.92	17.78	30	PASS

n77(3700-3980)	30	100	656000	1@1	CP_QAM64	18.43	17.29	30	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM64	17.59	16.45	30	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM256	16.14	15	30	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM256	15.55	14.41	30	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM256	14.97	13.83	30	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	22.28	21.14	30	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	21.23	20.09	30	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	21.74	20.6	30	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	22.37	21.23	30	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	21.07	19.93	30	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	21.60	20.46	30	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM16	21.31	20.17	30	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM16	20.06	18.92	30	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM16	20.50	19.36	30	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM64	19.84	18.7	30	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM64	19.04	17.9	30	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM64	19.51	18.37	30	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM256	17.98	16.84	30	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM256	17.26	16.12	30	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM256	17.67	16.53	30	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	20.67	19.53	30	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QPSK	19.60	18.46	30	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	20.12	18.98	30	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM16	20.26	19.12	30	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM16	19.53	18.39	30	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM16	19.84	18.7	30	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM64	18.81	17.67	30	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM64	17.68	16.54	30	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM64	18.59	17.45	30	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM256	15.98	14.84	30	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM256	15.06	13.92	30	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM256	15.55	14.41	30	PASS

2 Frequency stability for NR FR1

NT:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	3.85	-25.37	-0.01	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	3.50	-24.18	-0.01		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	4.40	-29.17	-0.01		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	3.85	-29.20	-0.01		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	3.50	-18.23	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	4.40	-28.40	-0.01		PASS

Note: Only the worst case shown in the report.

NV:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	-30	-23.45	-0.01	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	-20	-21.91	-0.01		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	-10	-15.88	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	0	-22.76	-0.01		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	10	-21.07	-0.01		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	20	-23.45	-0.01		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	30	-21.91	-0.01		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	40	-15.88	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	50	-23.45	-0.01		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	-30	-21.91	-0.01		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	-20	-15.88	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	-10	-16.19	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	0	-21.07	-0.01		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	10	-18.77	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	20	-16.19	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	30	-20.56	-0.01		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	40	-17.44	0.00	PASS	
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	50	-15.97	0.00	PASS	

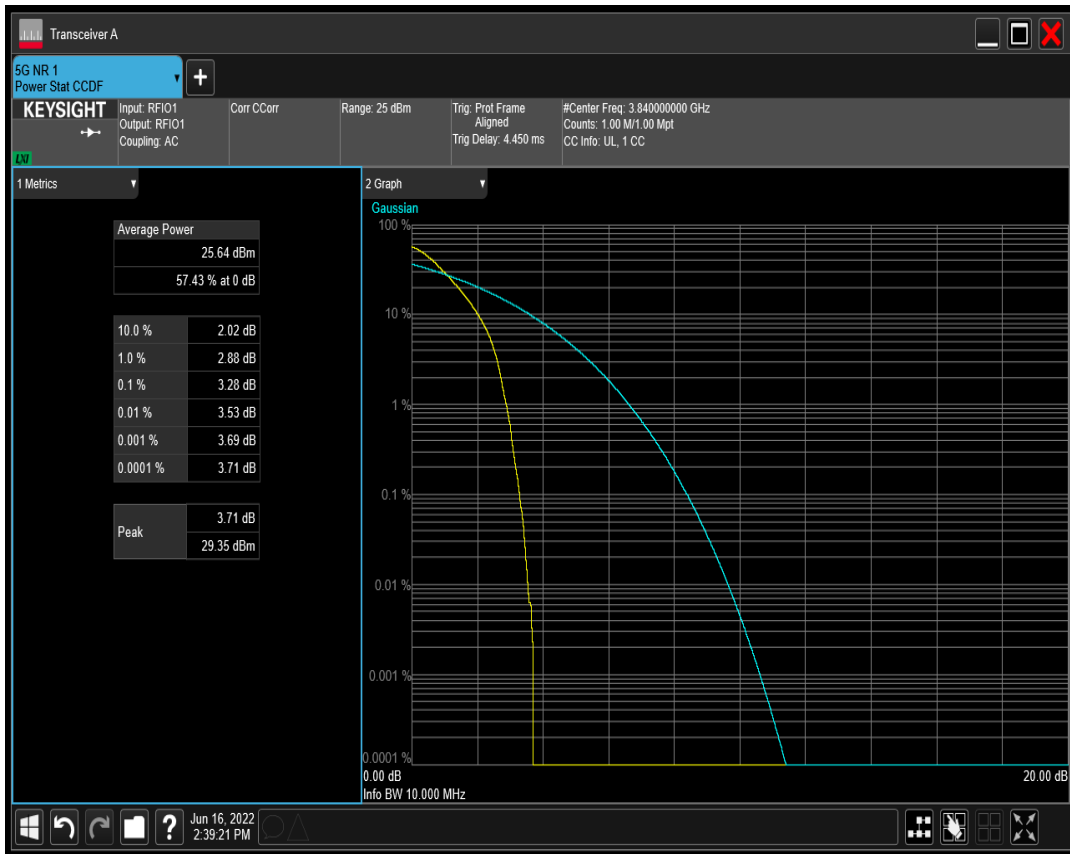
Note: Only the worst case shown in the report.

3 Peak-to-Average Ratio for NR FR1

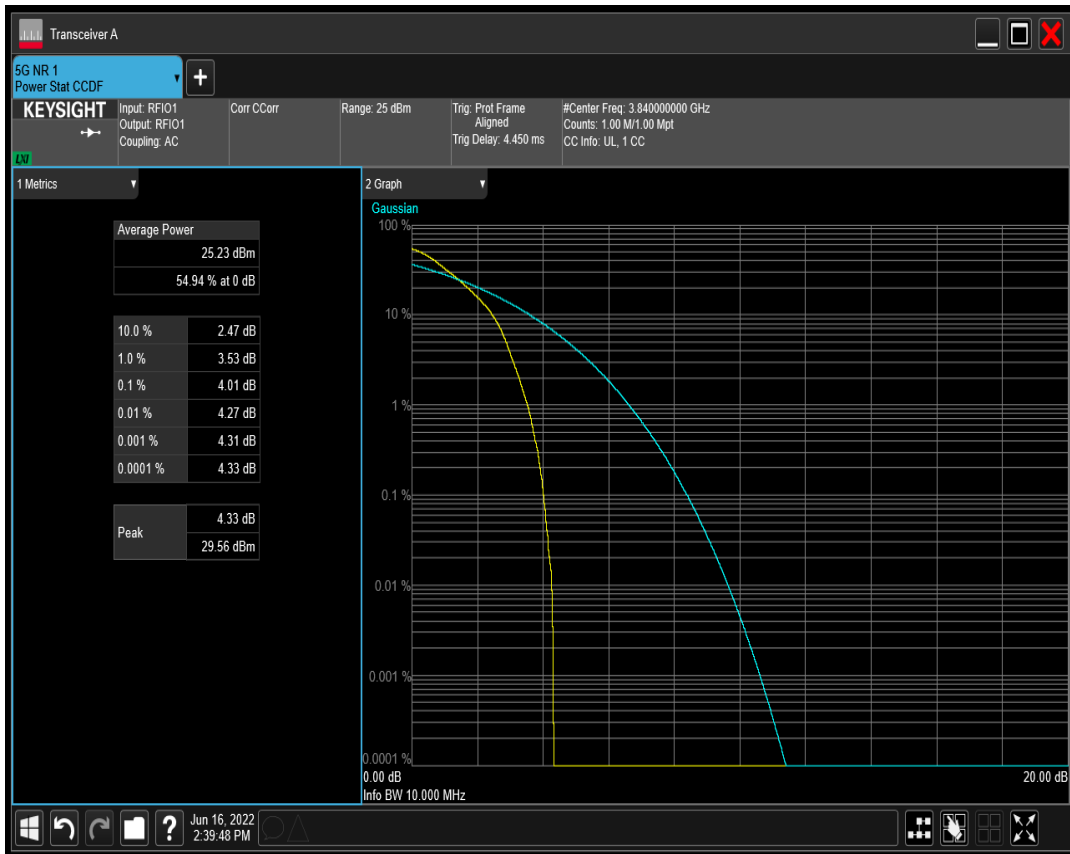
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	3.28	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	4.01	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	4.91	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	5.23	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	6.15	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	3.57	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	4.27	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	5.01	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	5.41	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	6.32	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	3.70	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	4.59	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	5.33	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	5.64	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	6.43	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_BPSK	3.55	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	4.25	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM16	5.01	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM64	5.42	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM256	6.35	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	3.70	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	4.55	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	5.38	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	5.62	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	6.42	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	4.24	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	4.88	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	5.58	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	5.85	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	6.48	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	3.62	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	4.37	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	5.14	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	5.48	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	6.33	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	4.19	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	4.71	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM16	5.52	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM64	5.79	13	PASS

n77(3700-3980)	30	80	656000	216@0	DFT_QAM256	6.41	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_BPSK	4.06	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QPSK	4.82	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM16	5.52	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM64	5.83	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM256	6.62	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	4.45	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	4.97	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM16	5.69	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM64	5.98	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM256	6.46	13	PASS

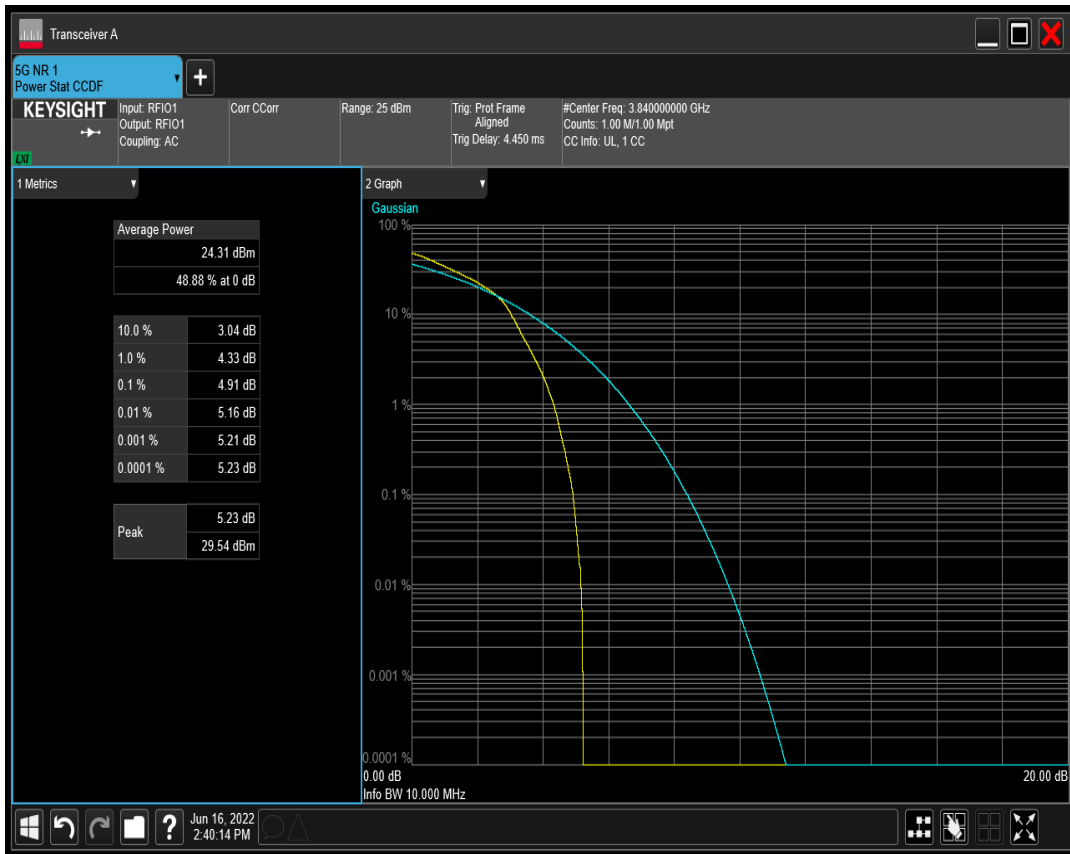
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz Channel=656000 RB=24@0



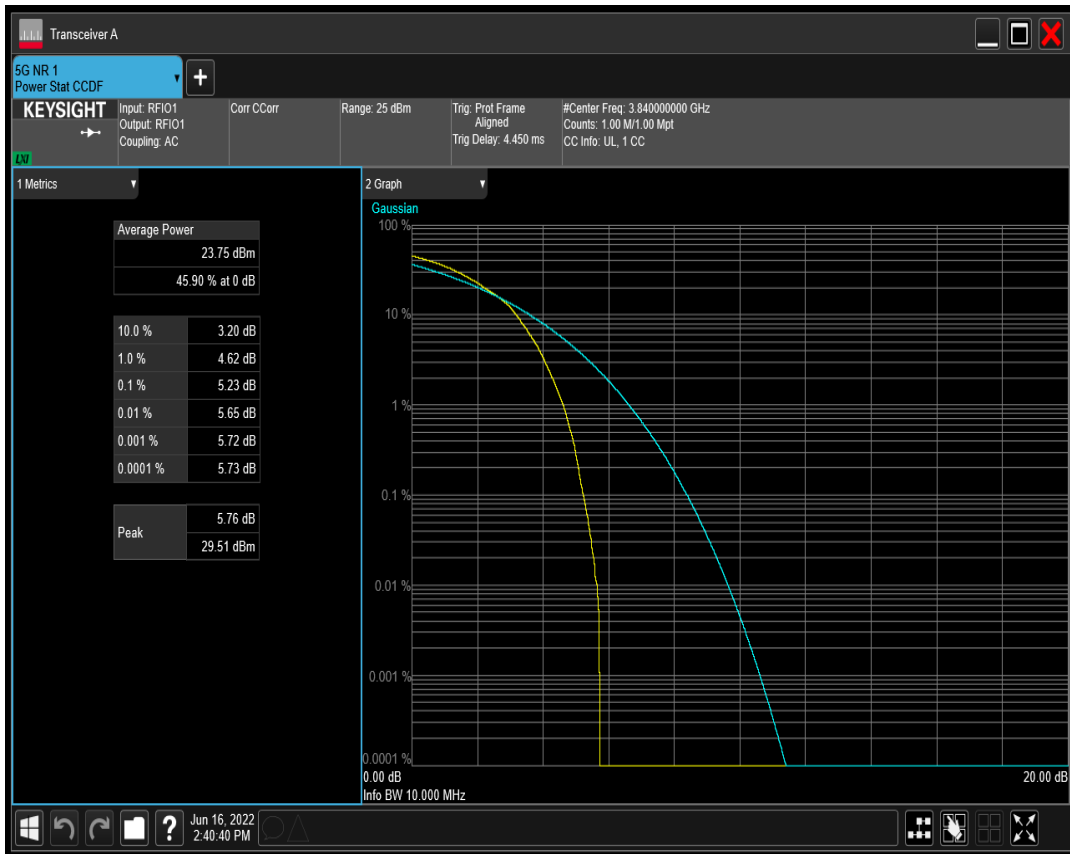
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=656000 RB=24@0



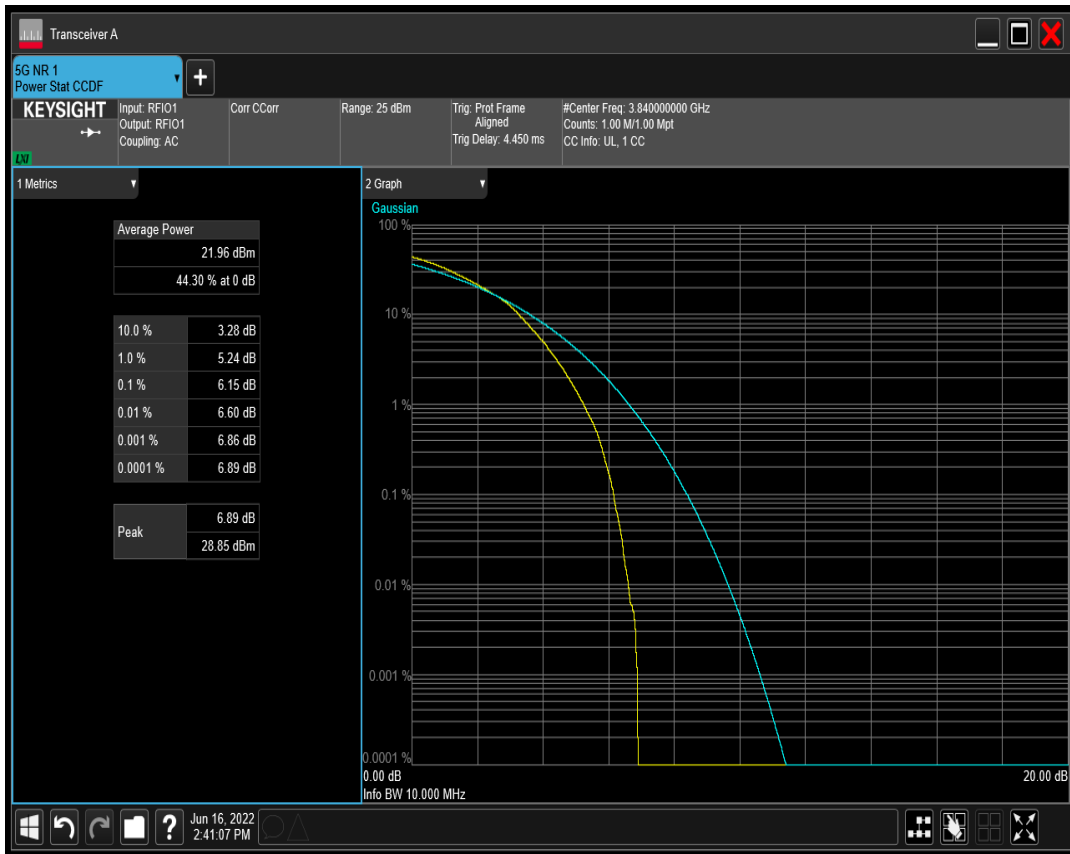
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=10MHz Channel=656000 RB=24@0



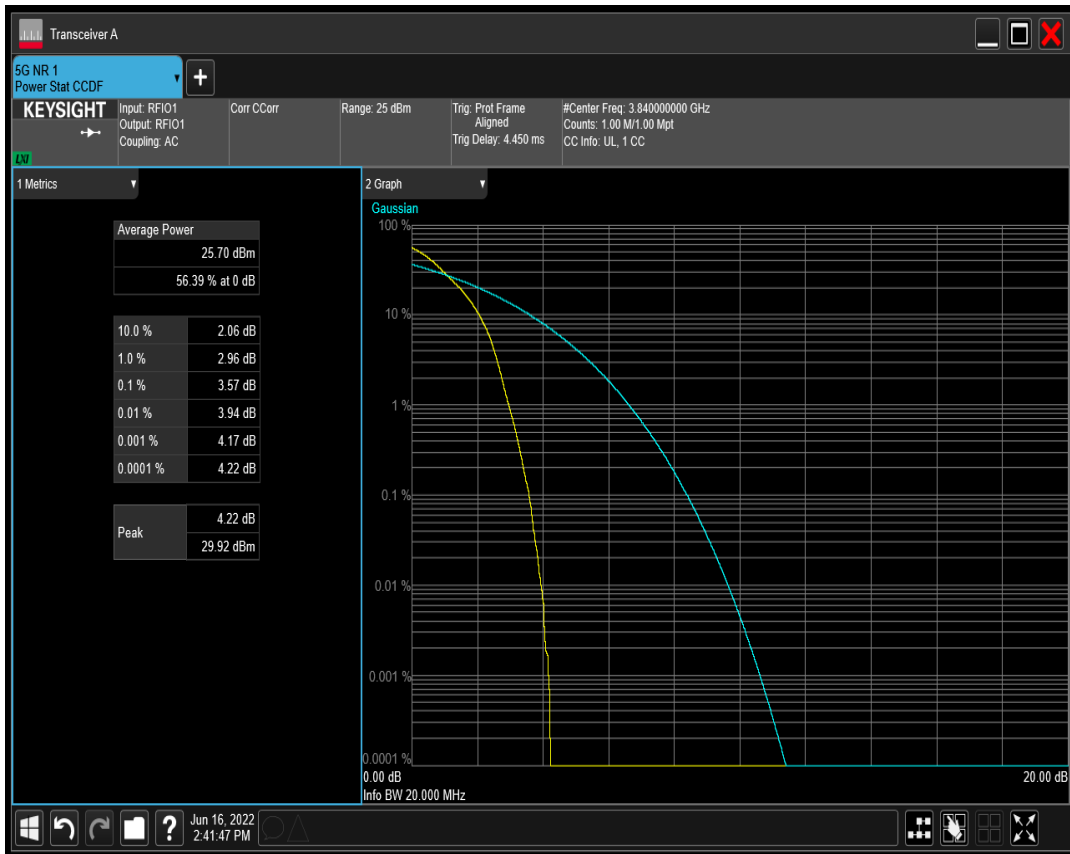
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=10MHz Channel=656000 RB=24@0



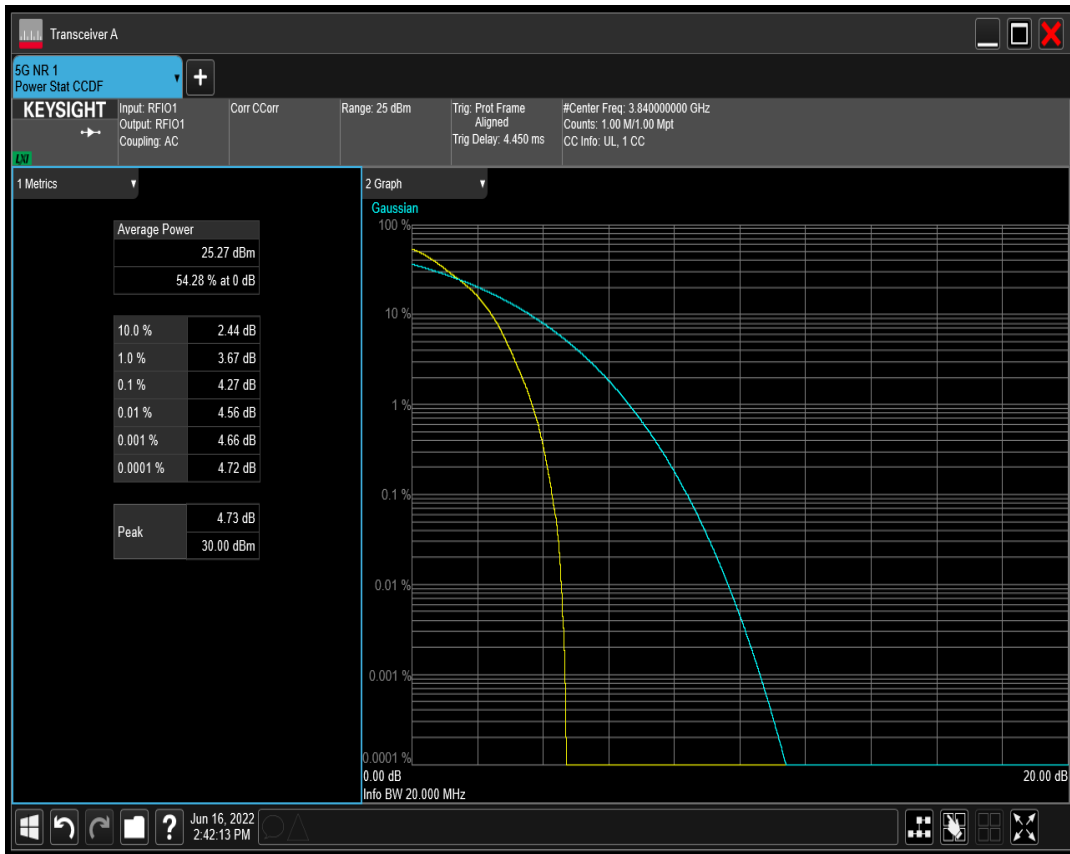
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=656000 RB=24@0



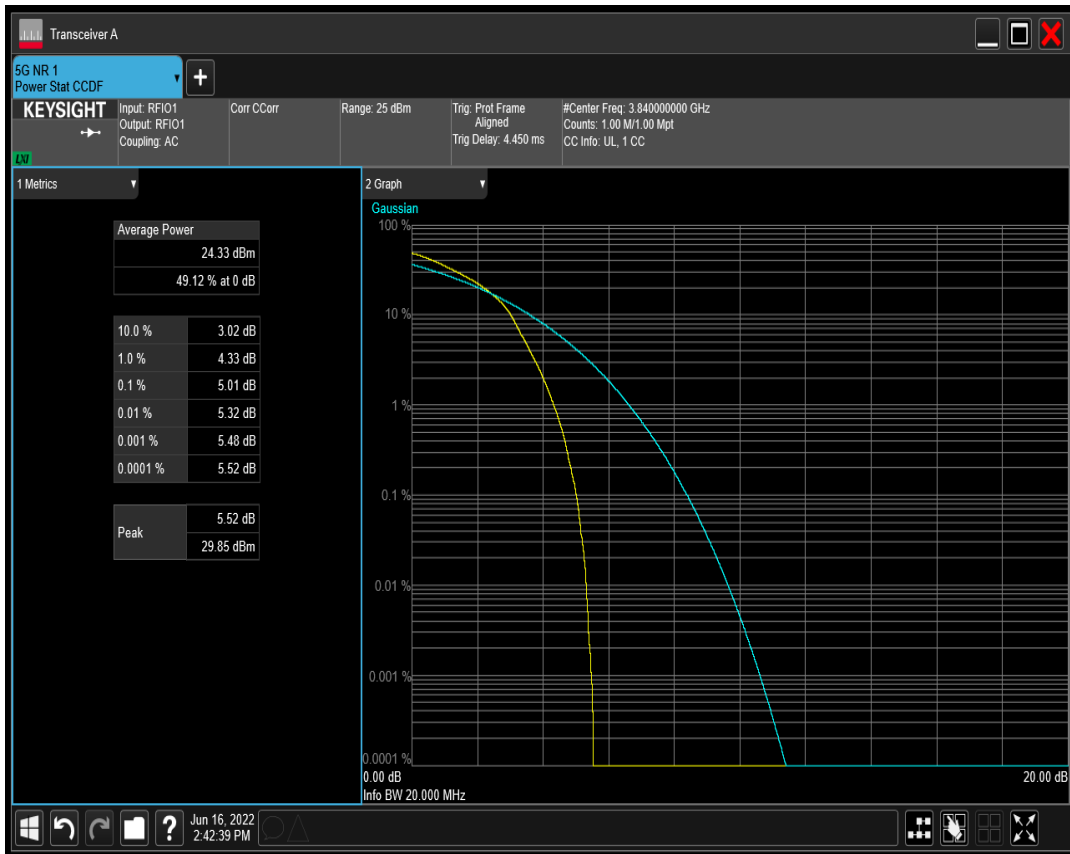
n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz Channel=656000 RB=36@0



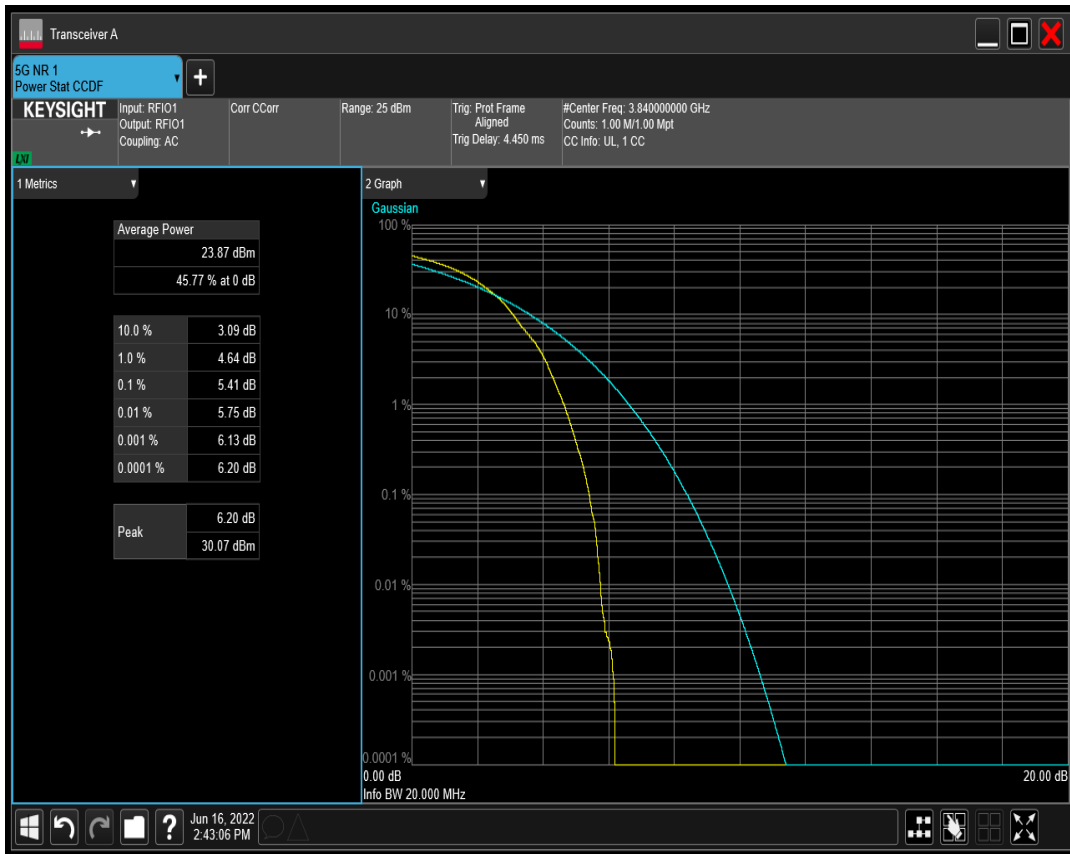
n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=656000 RB=36@0



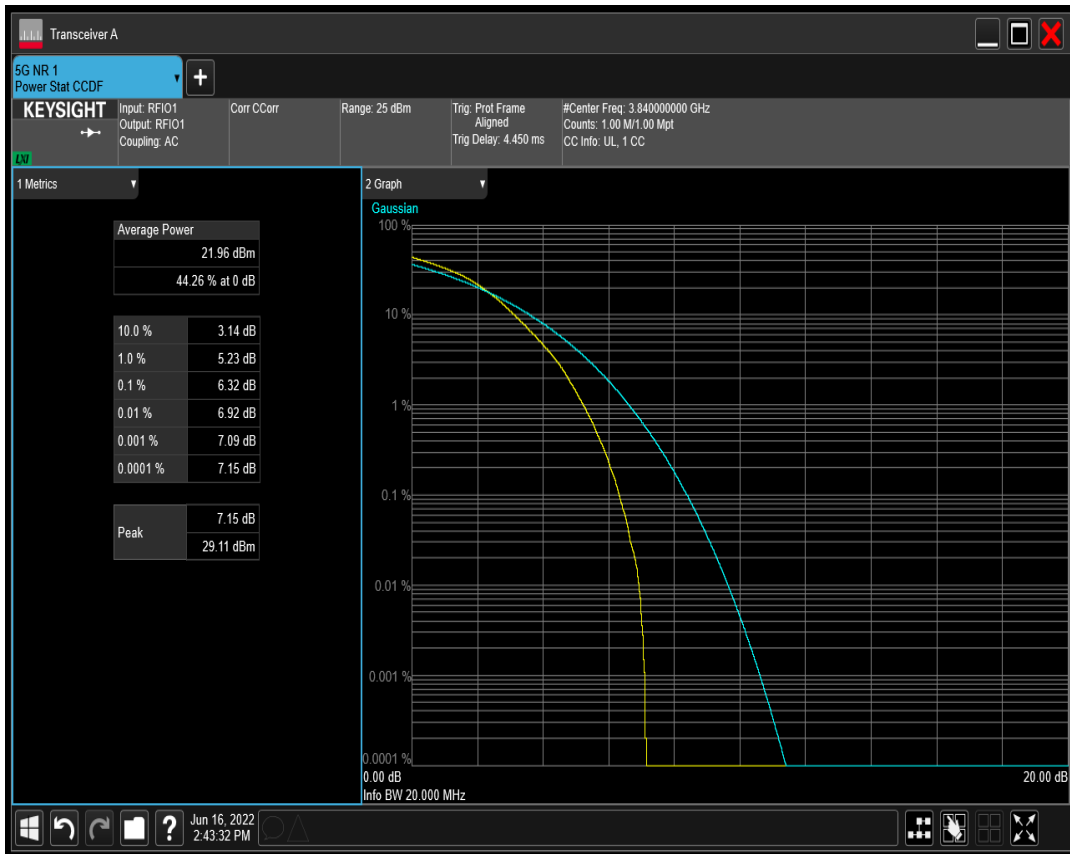
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=656000 RB=36@0



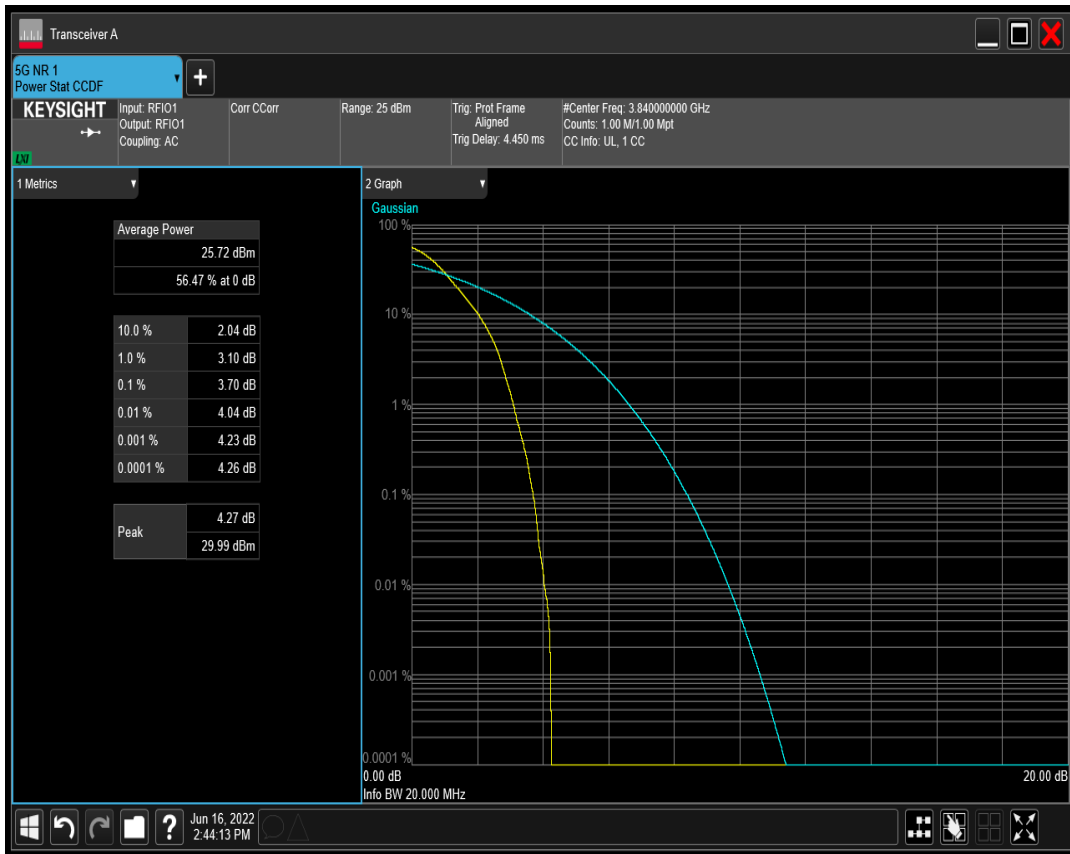
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=656000 RB=36@0



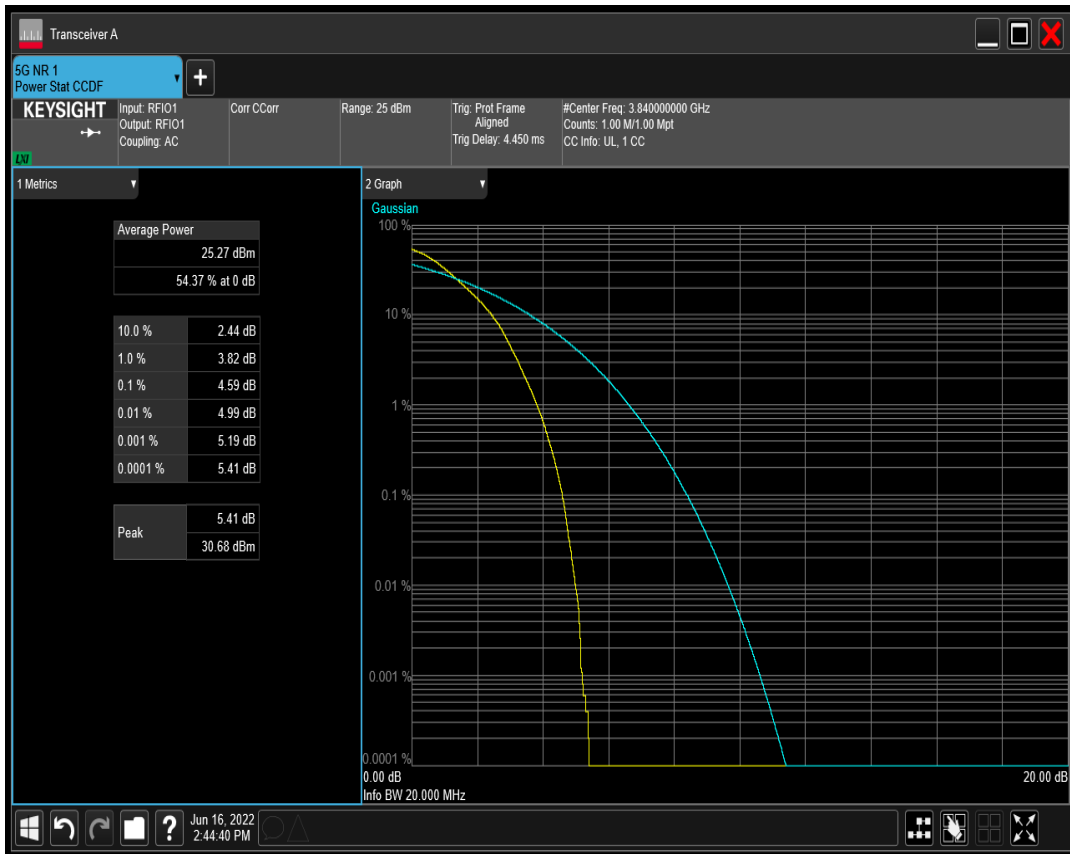
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=15MHz Channel=656000 RB=36@0



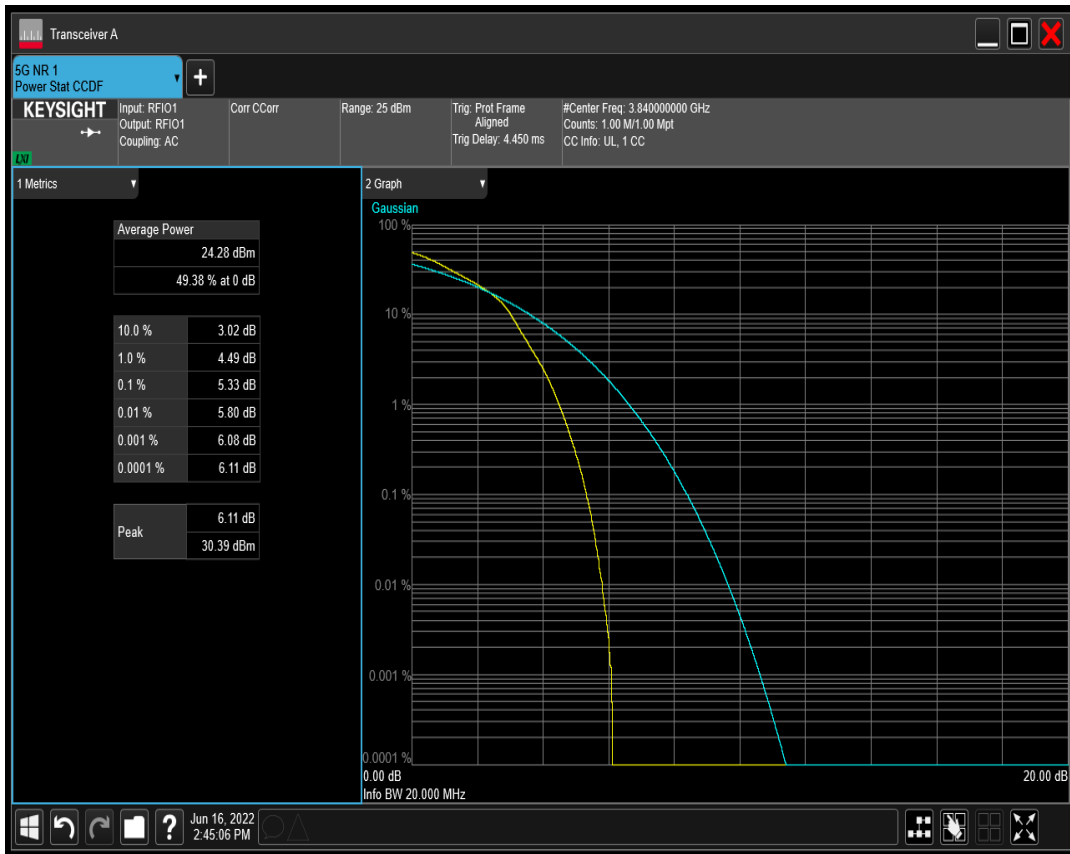
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz Channel=656000 RB=50@0



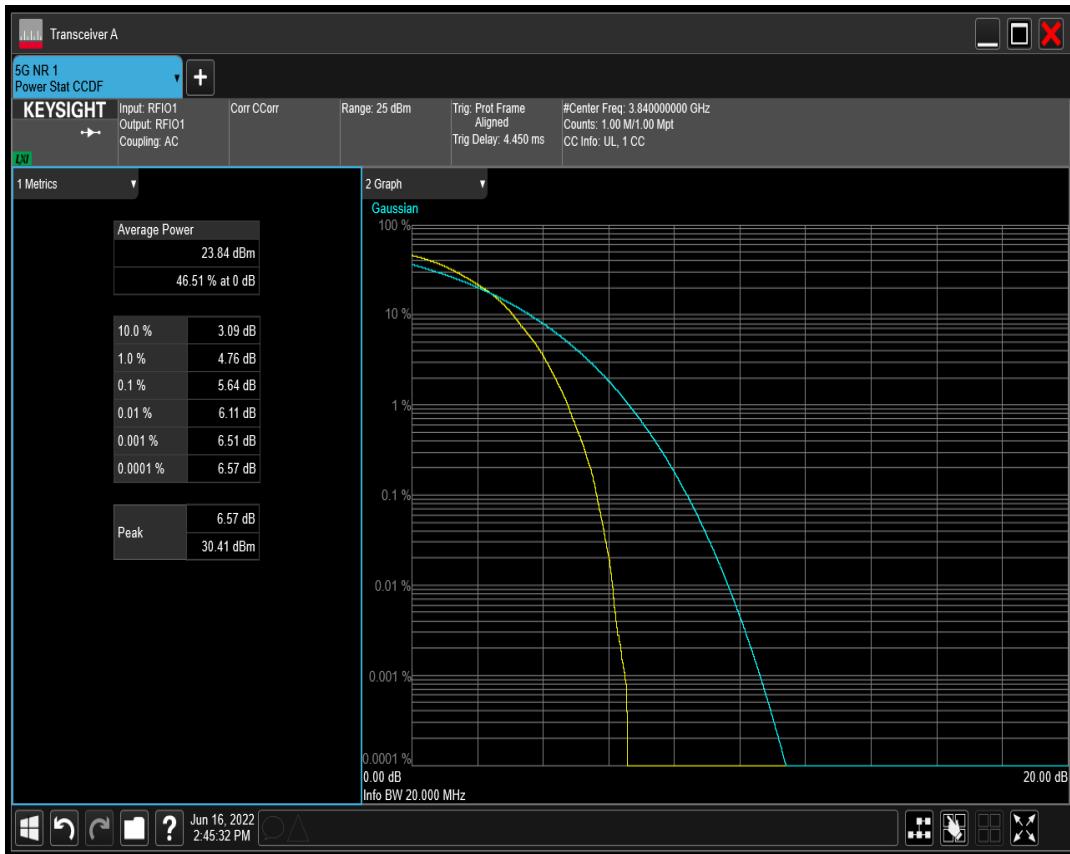
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=656000 RB=50@0



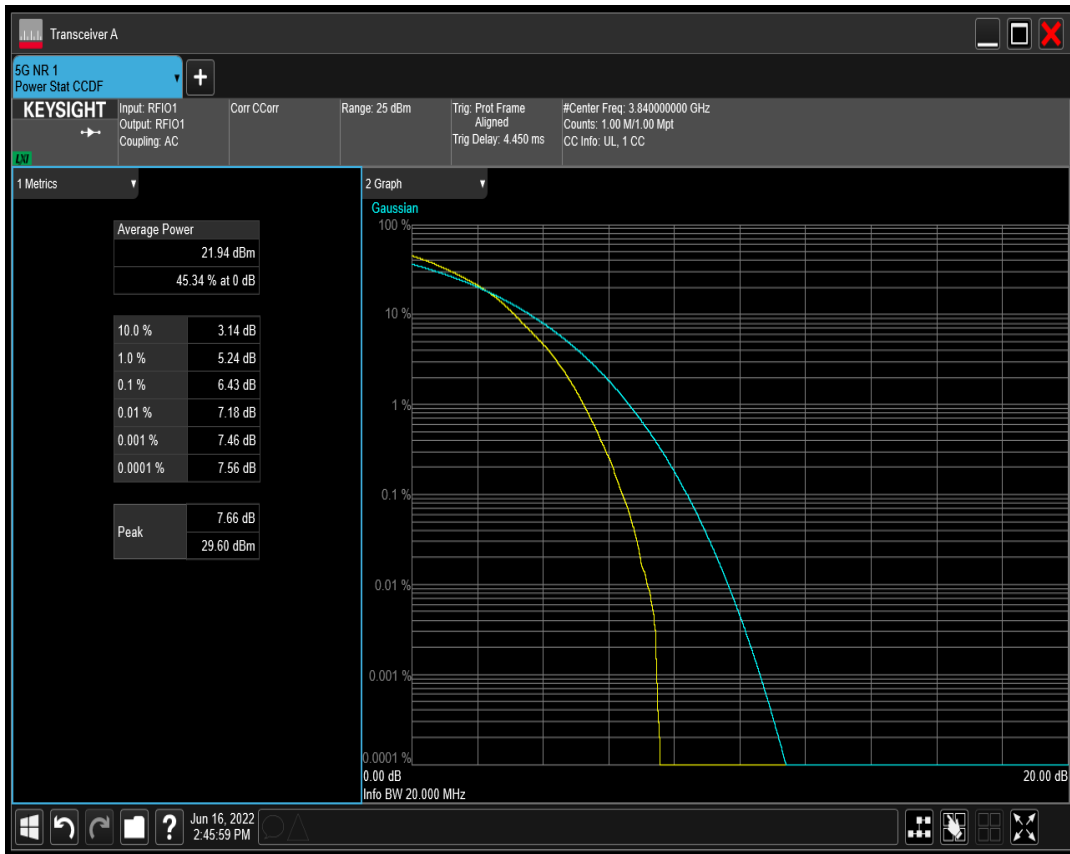
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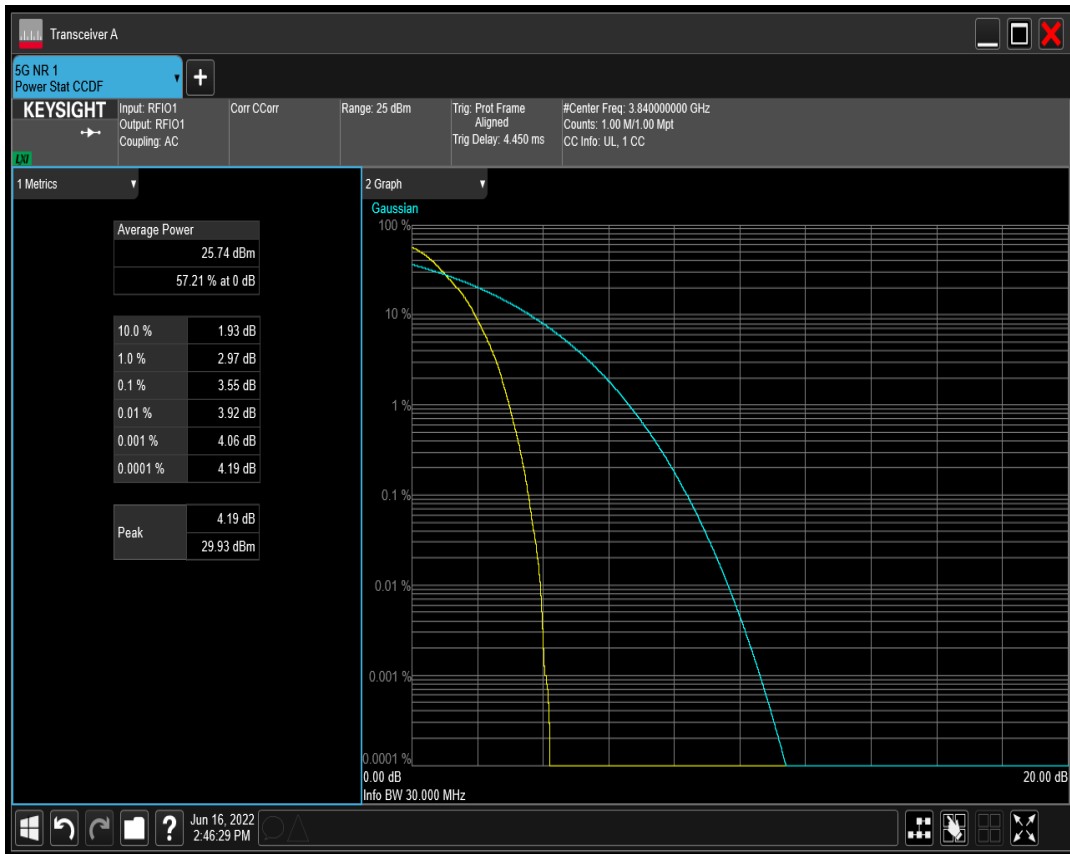
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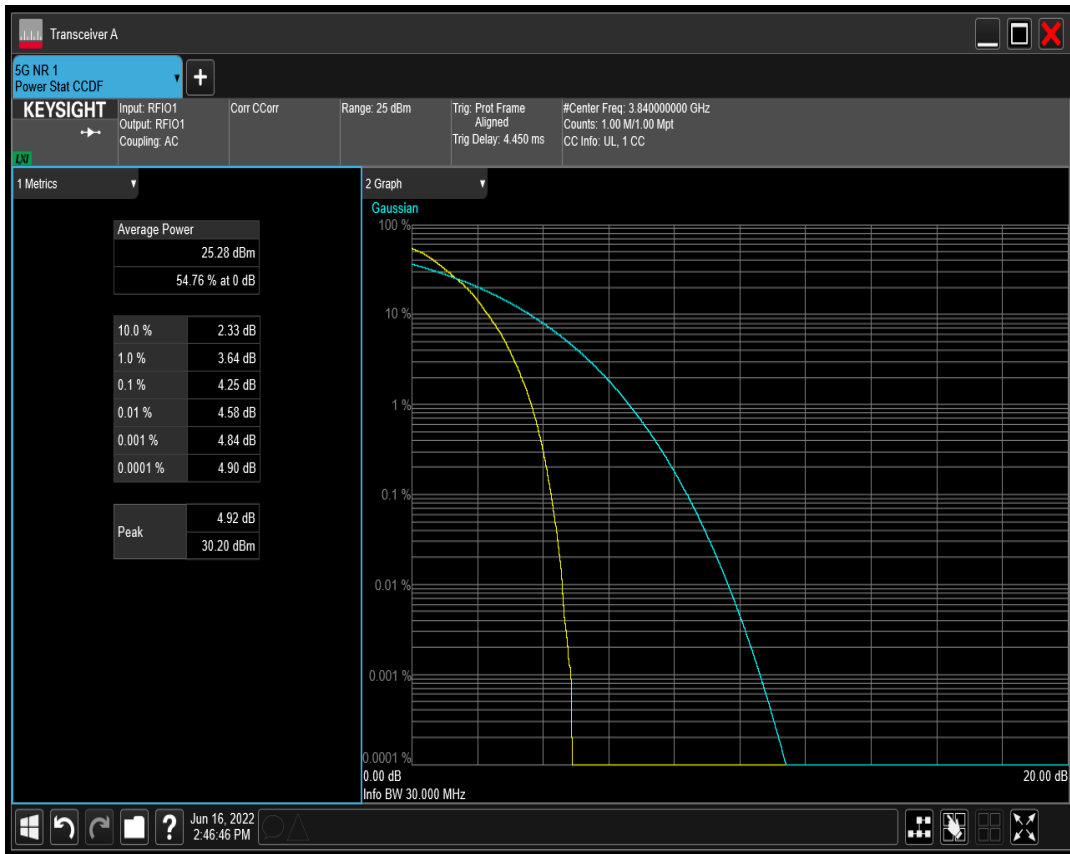
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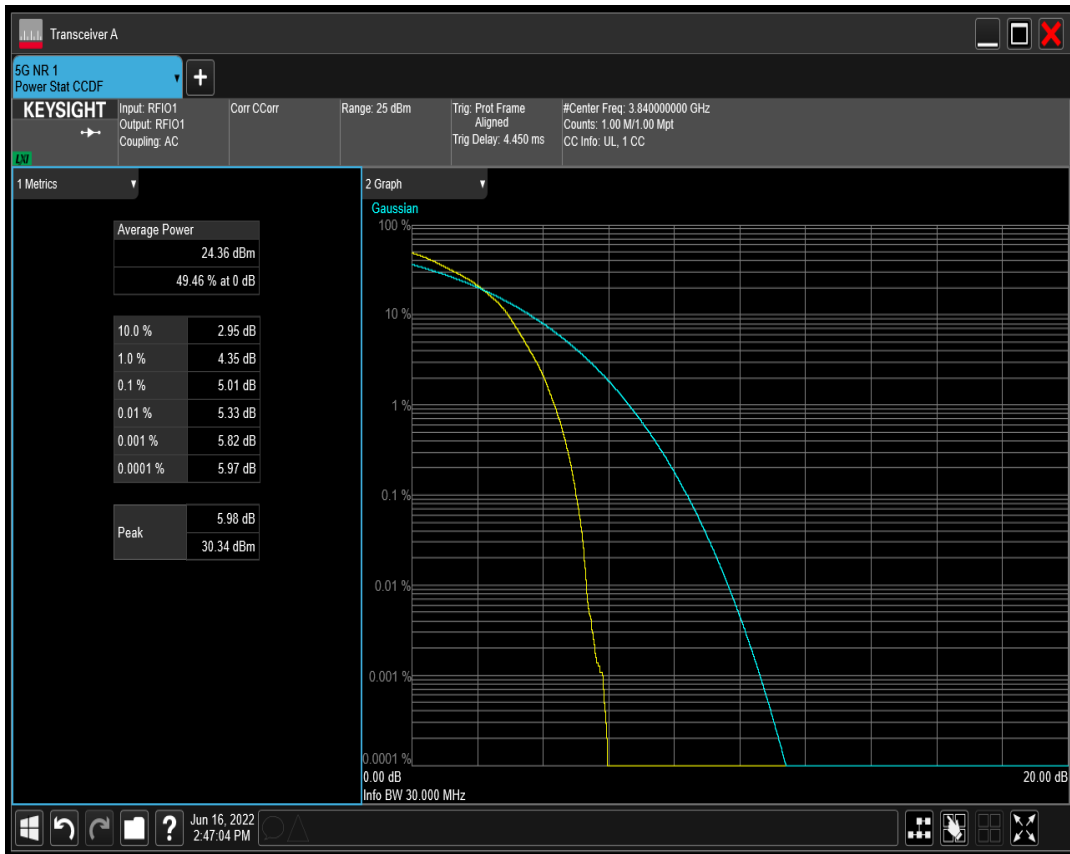
n77(3700-3980) SCS=30kHz DFT_BPSK BW=30MHz Channel=656000 RB=75@0



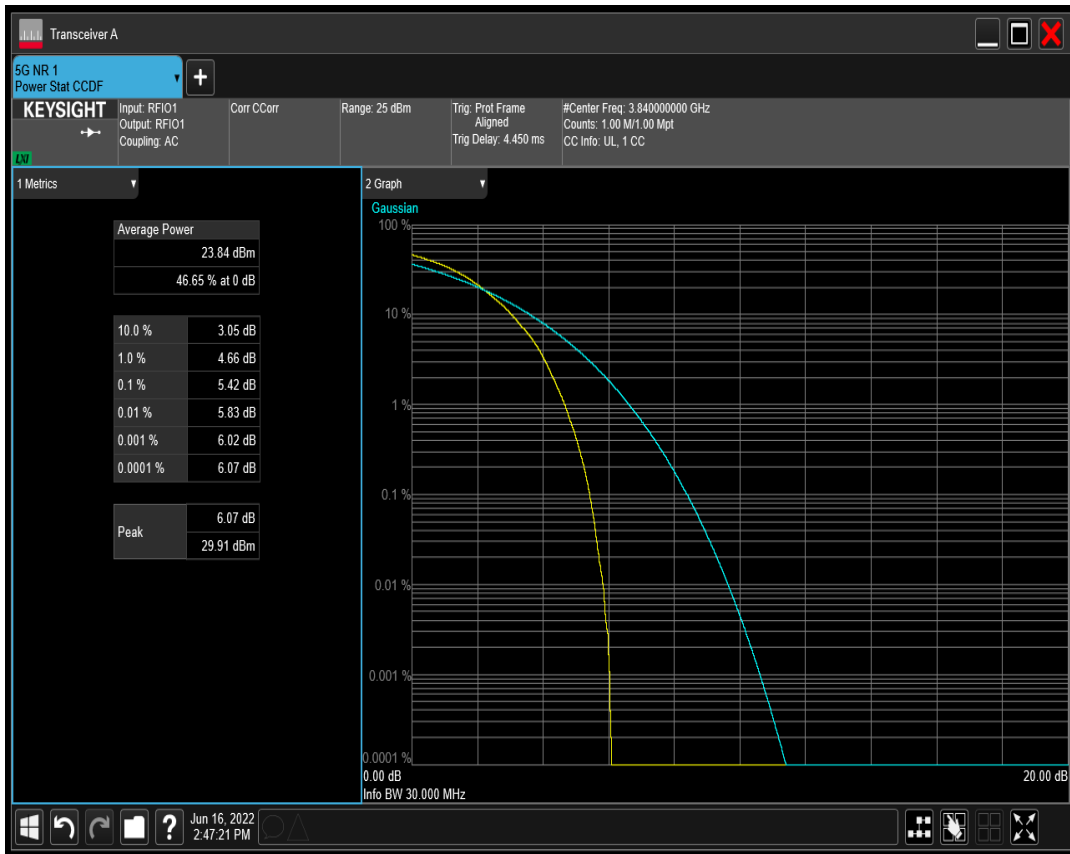
n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=656000 RB=75@0



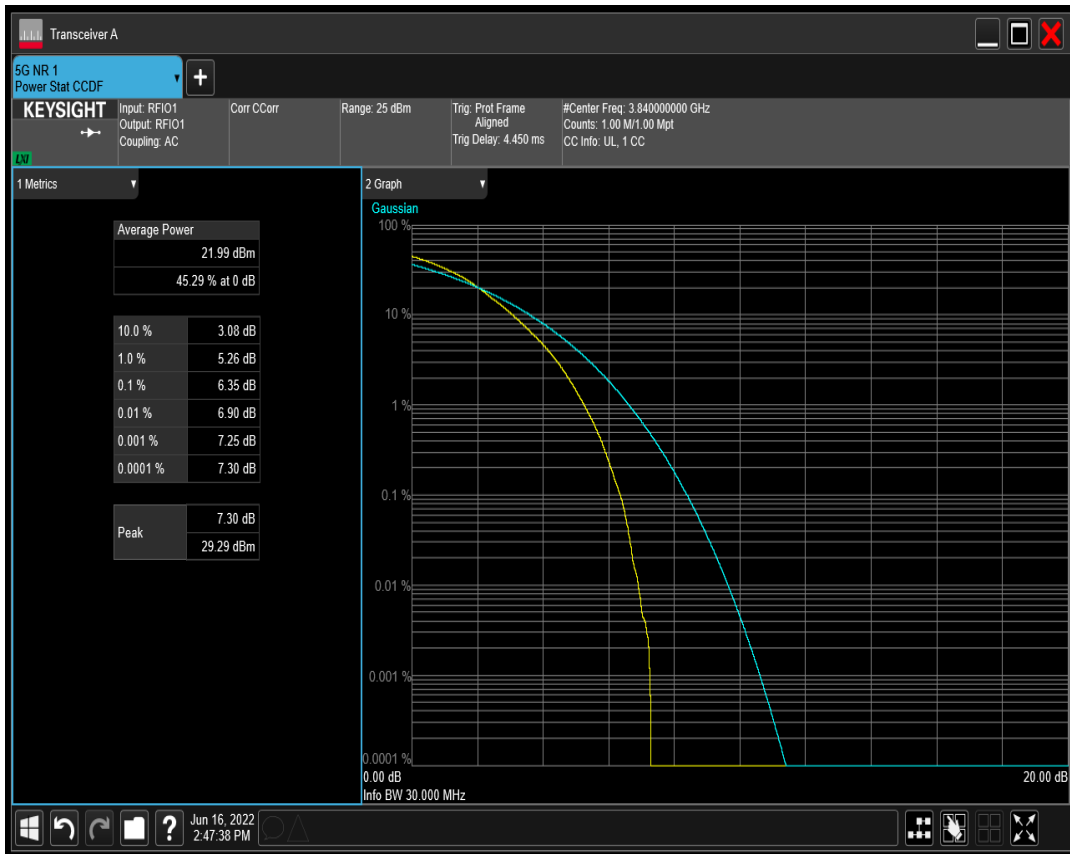
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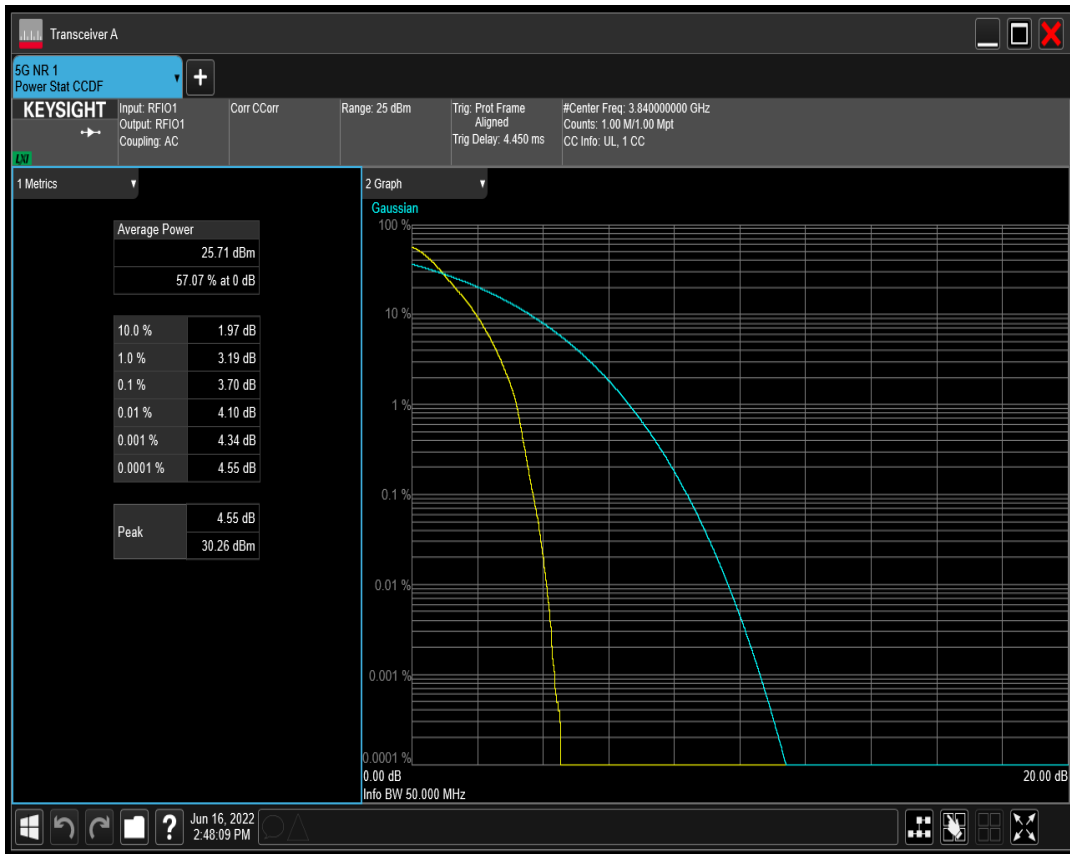
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=30MHz Channel=656000 RB=75 @0



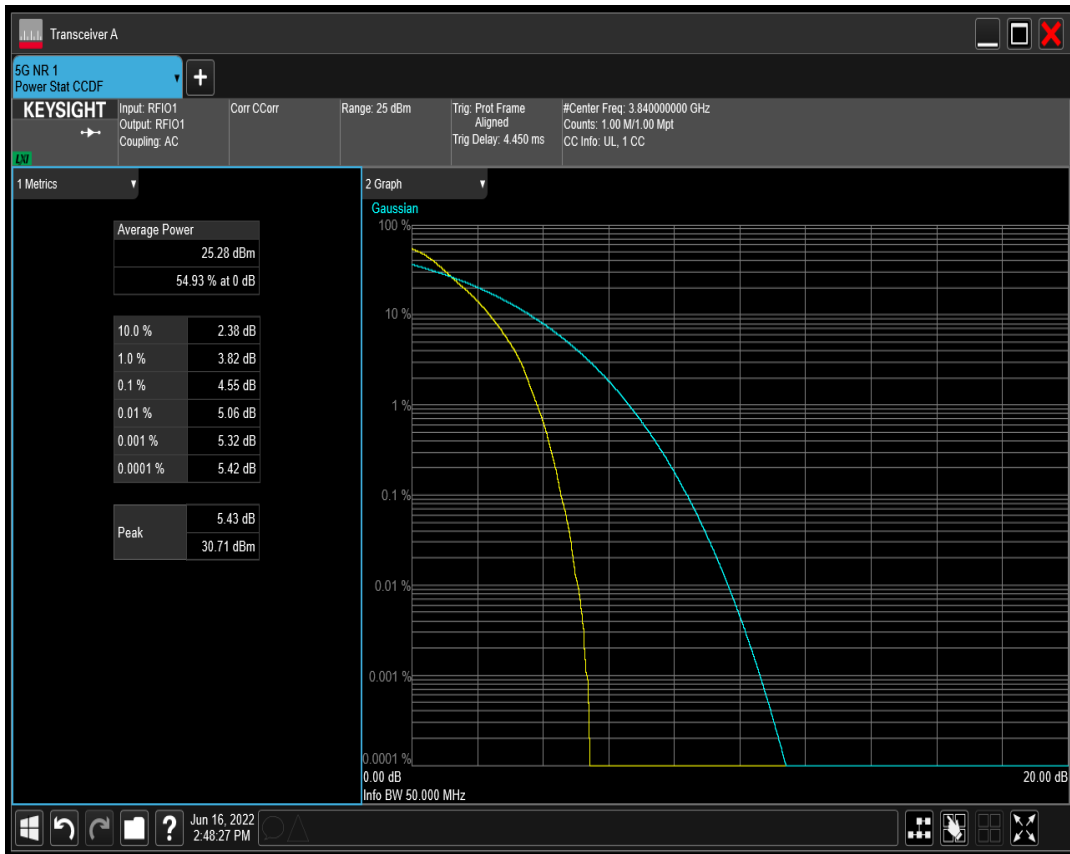
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=30MHz Channel=656000 RB=75 @0



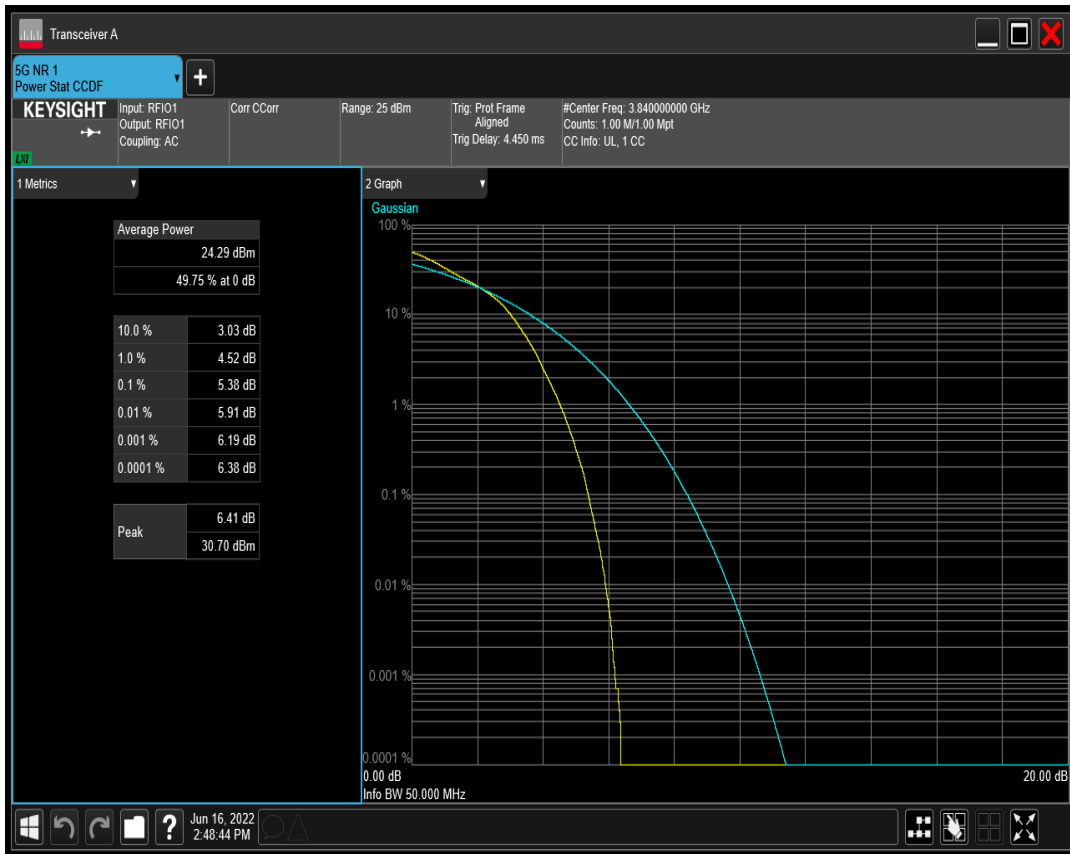
n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz Channel=656000 RB=100@0



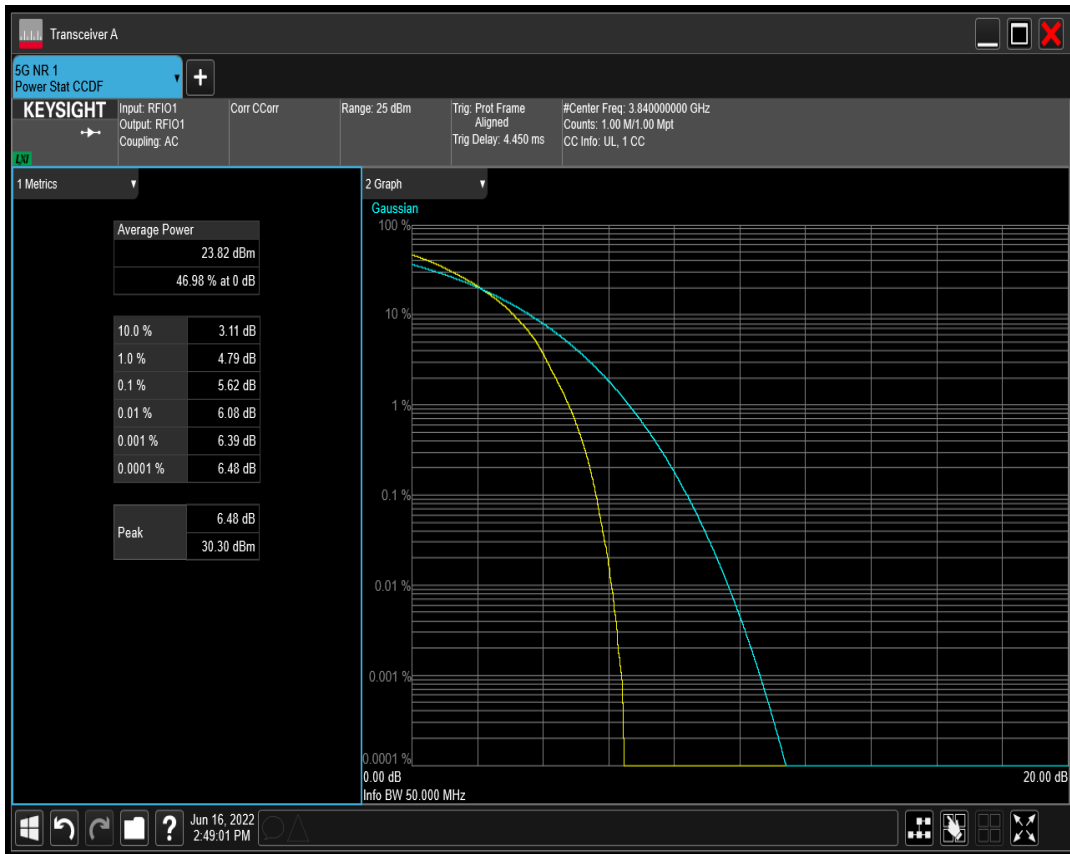
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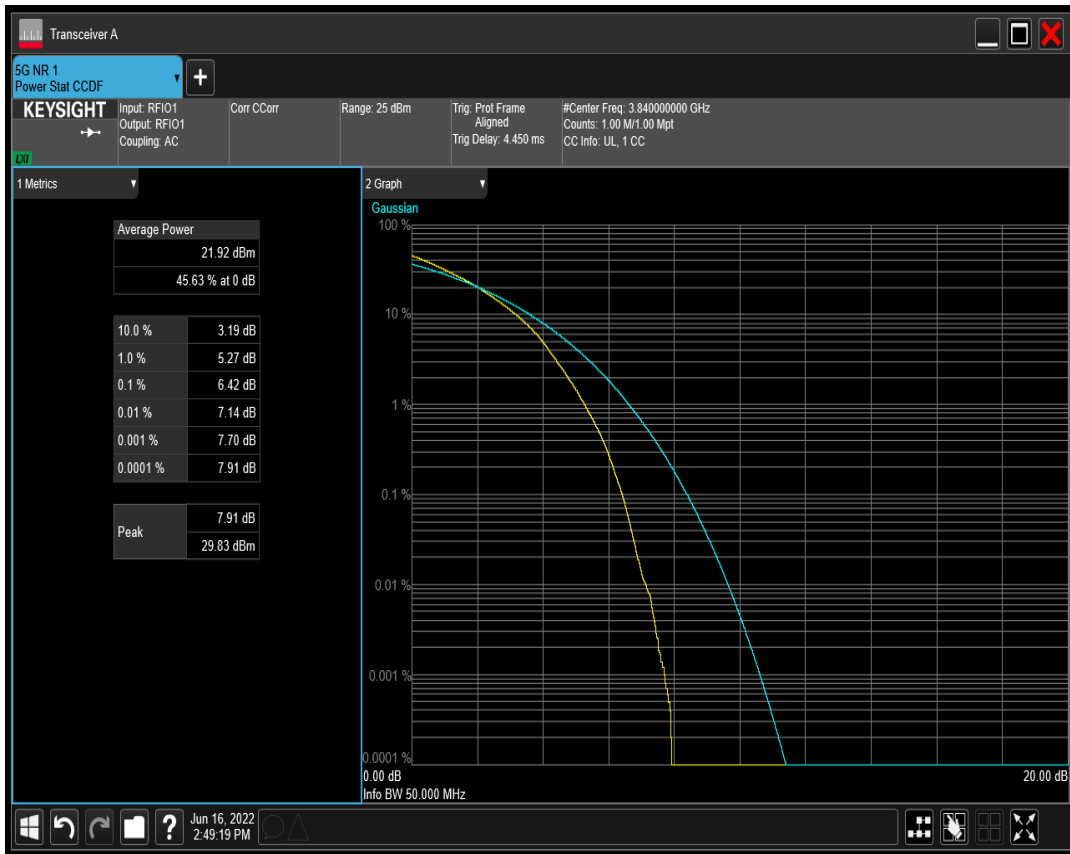
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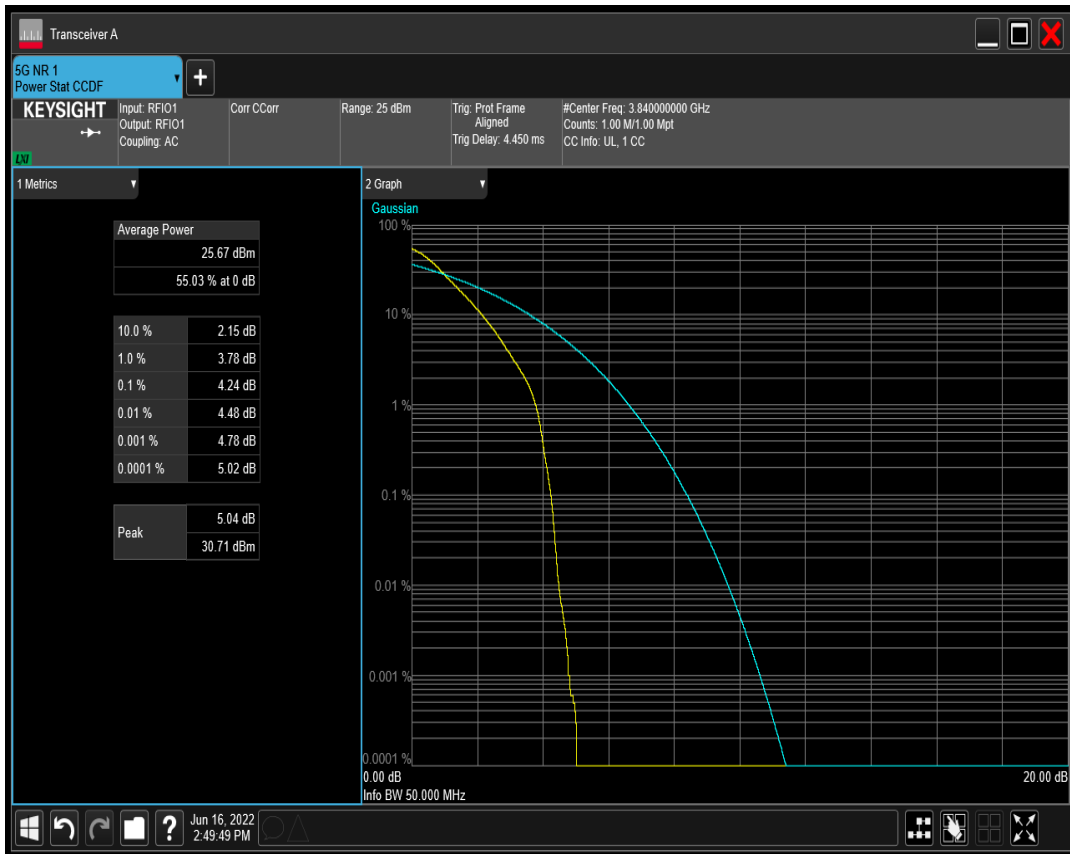
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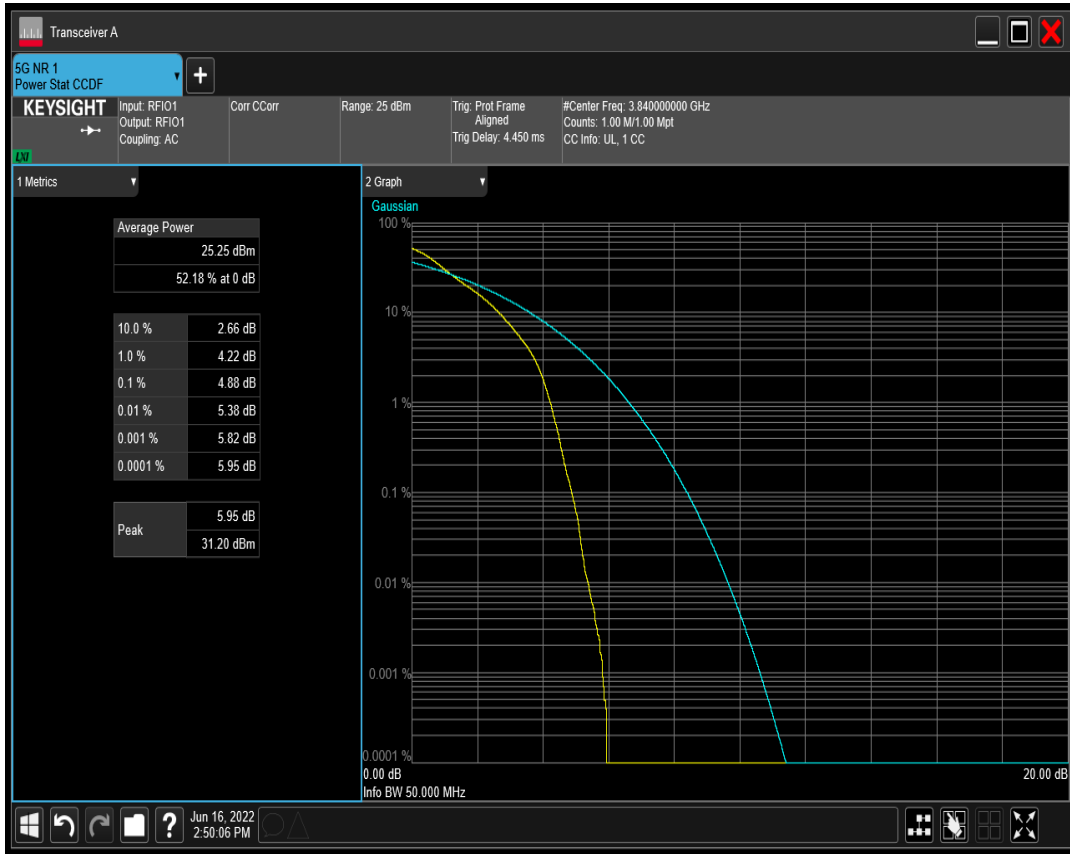
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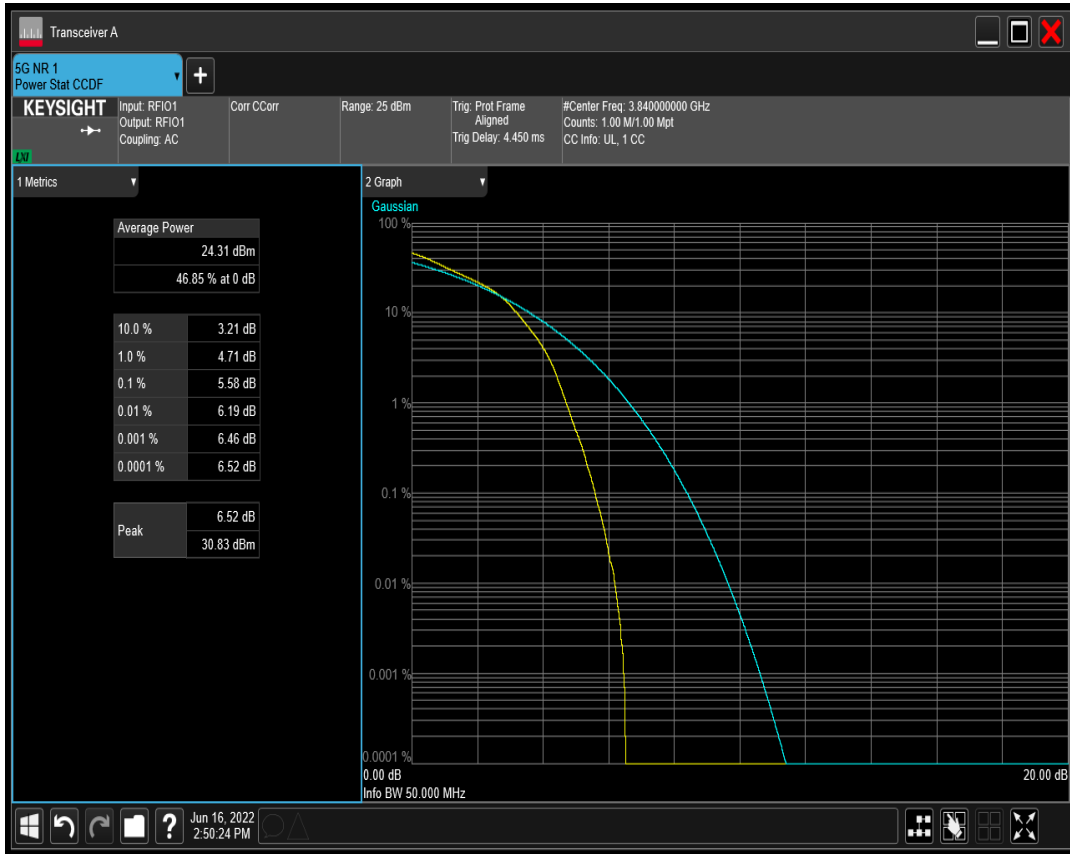
n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz Channel=656000 RB=128@0



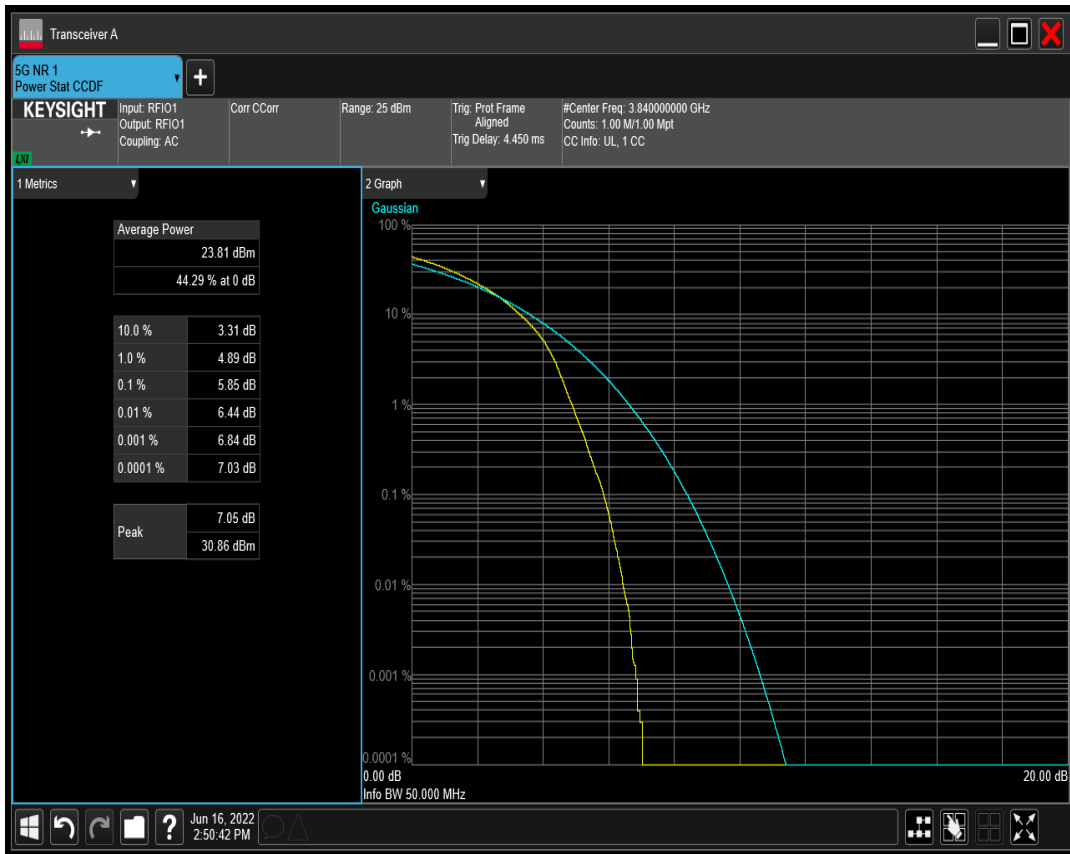
n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz Channel=656000 RB=128@0



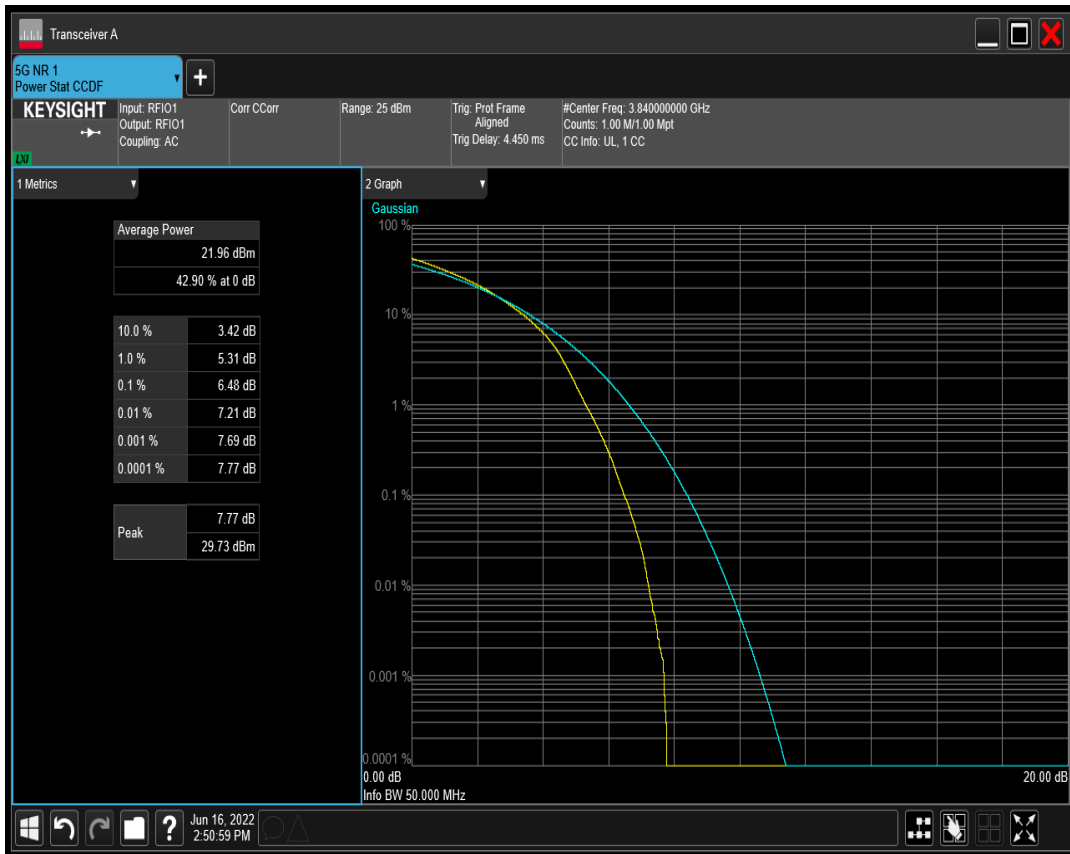
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=50MHz Channel=656000 RB=128@0



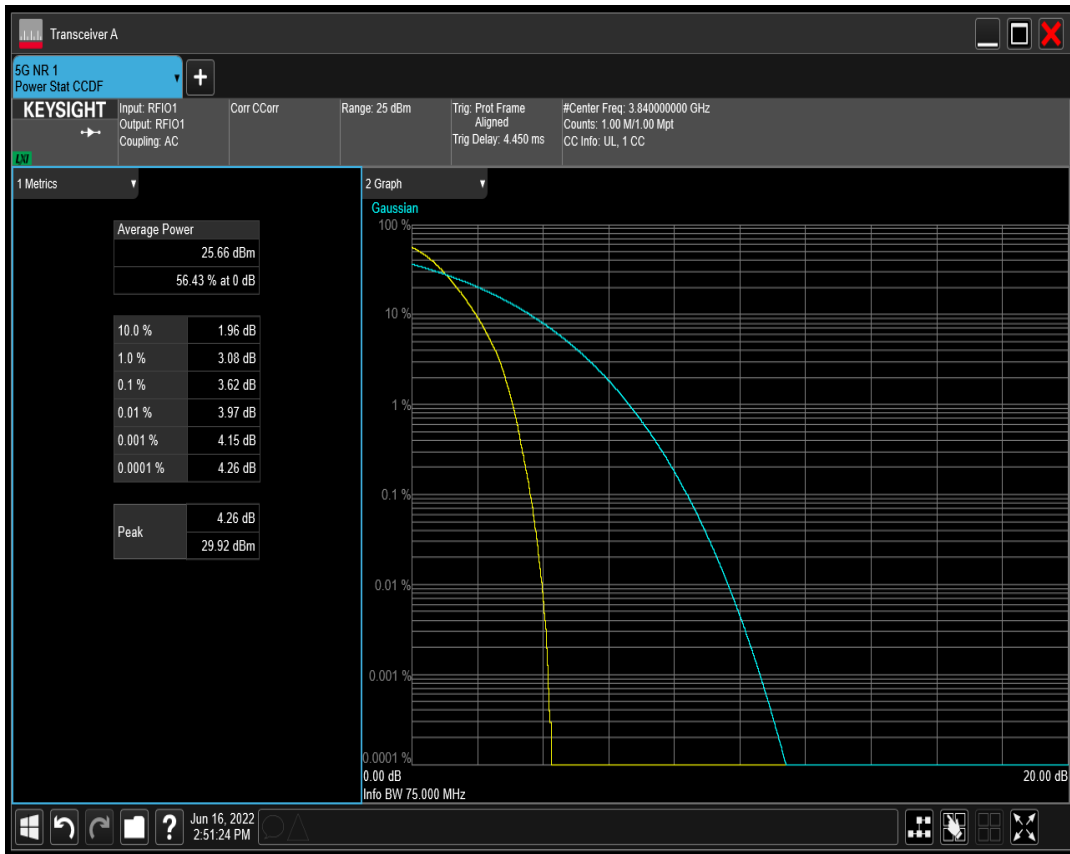
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=50MHz Channel=656000 RB=128@0



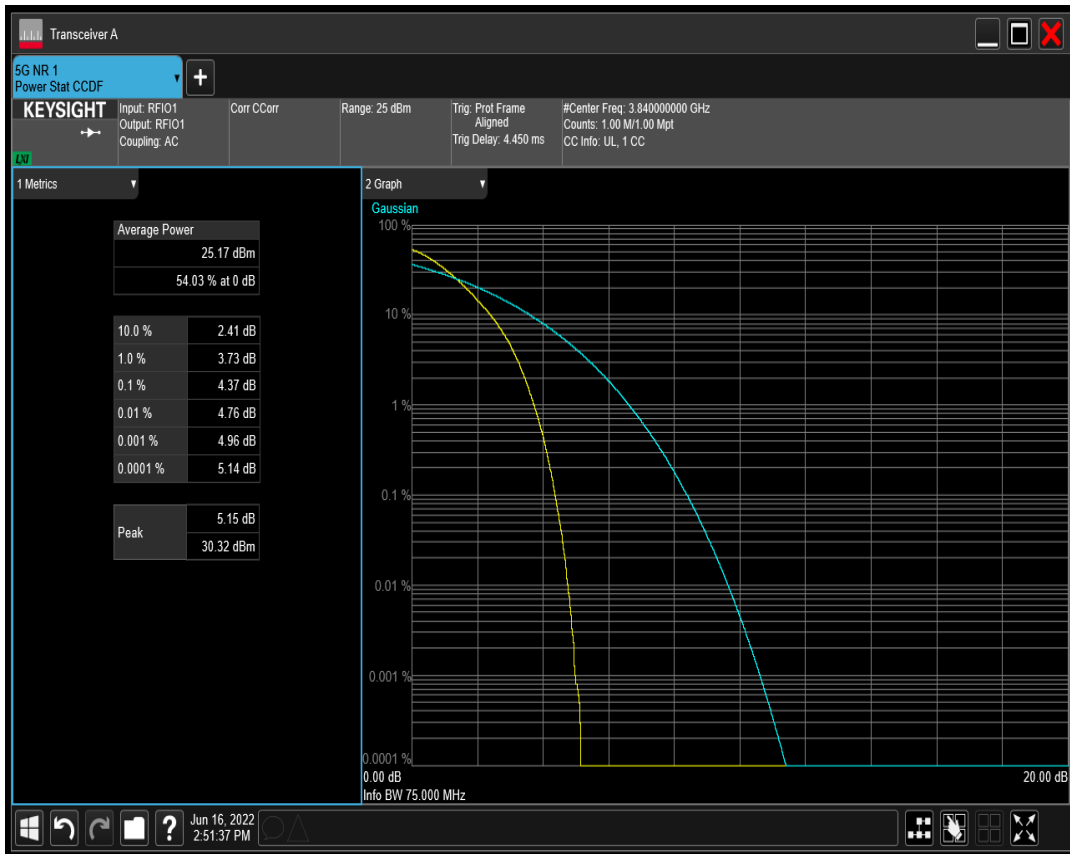
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=50MHz Channel=656000 RB=128@0



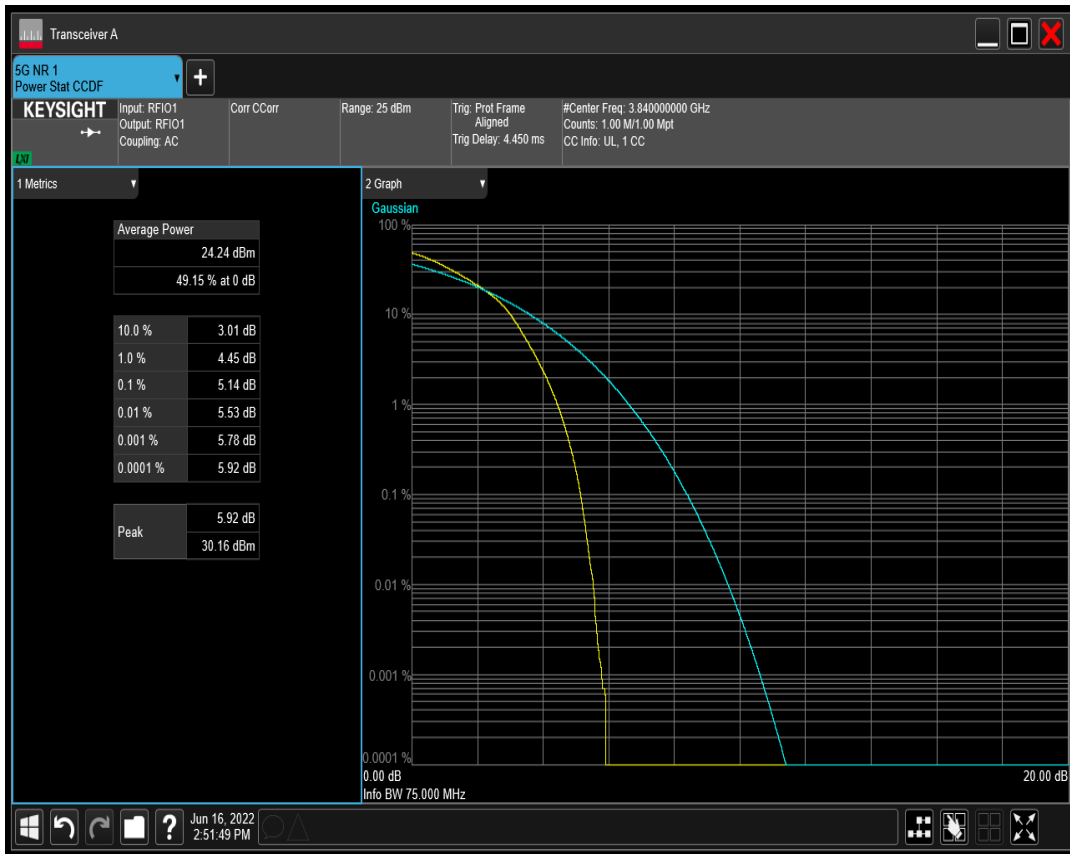
n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz Channel=656000 RB=162@0



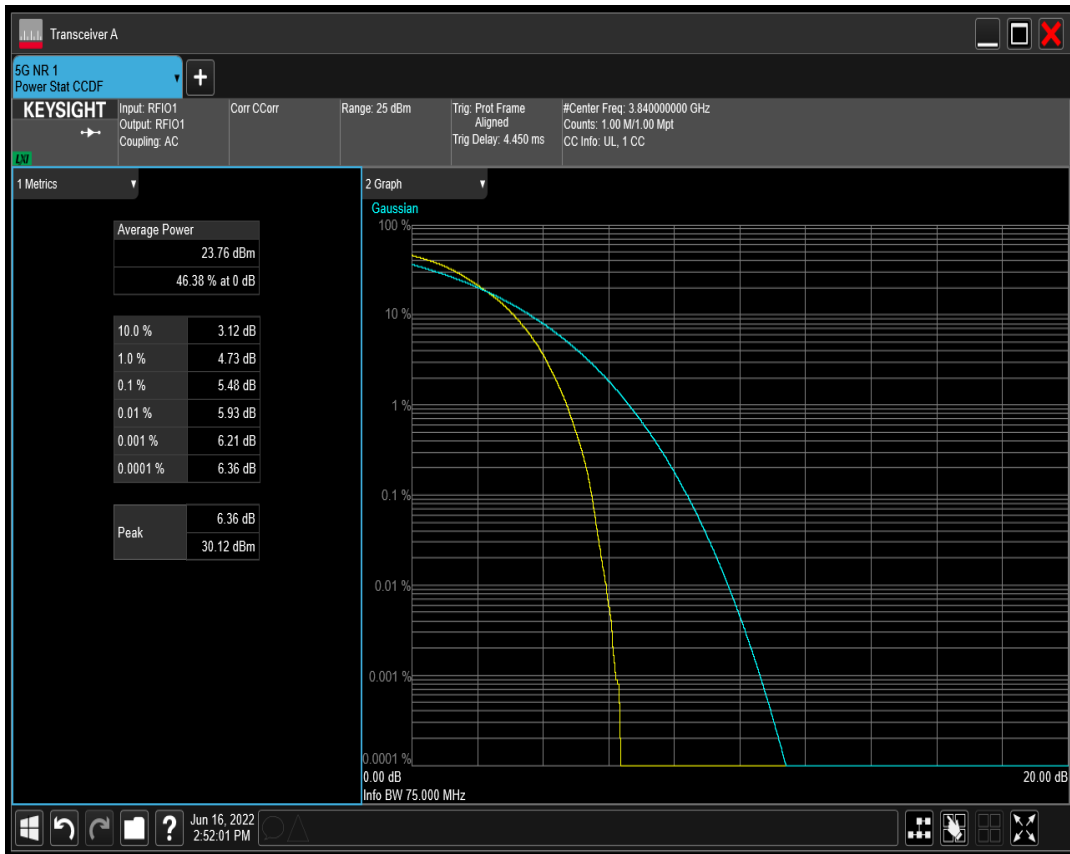
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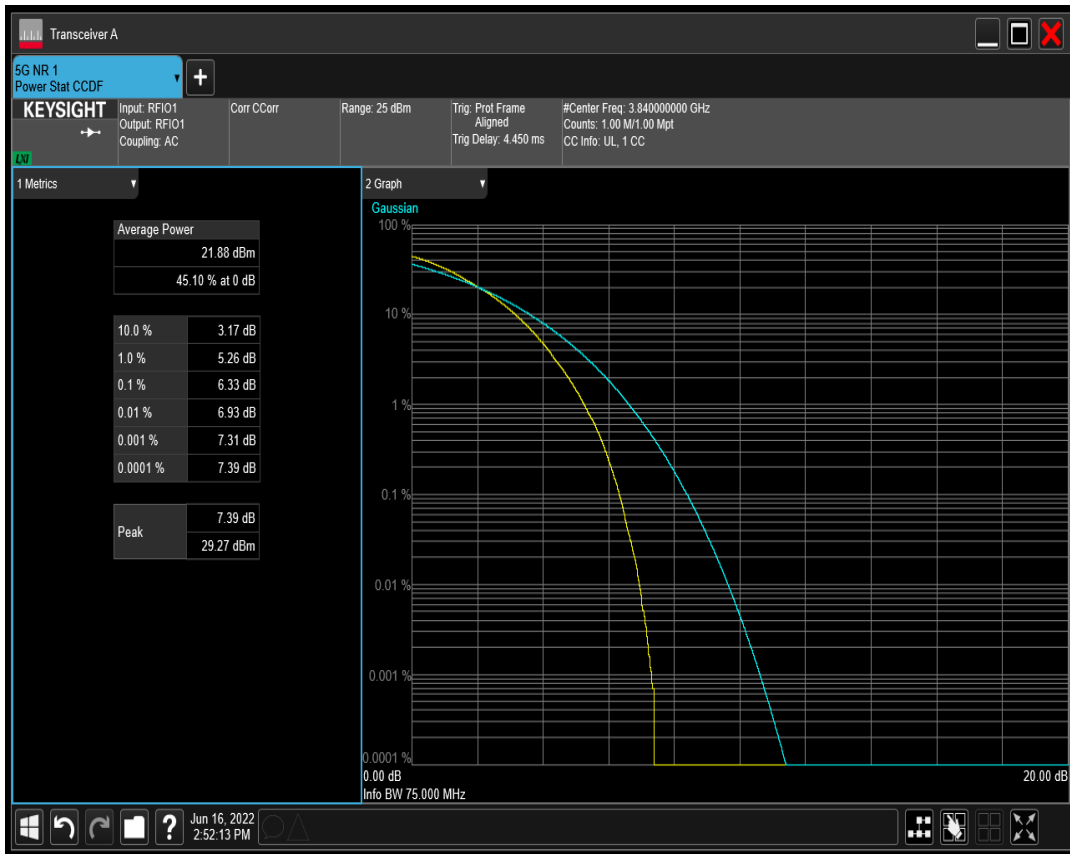
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=60MHz Channel=656000 RB=162@0



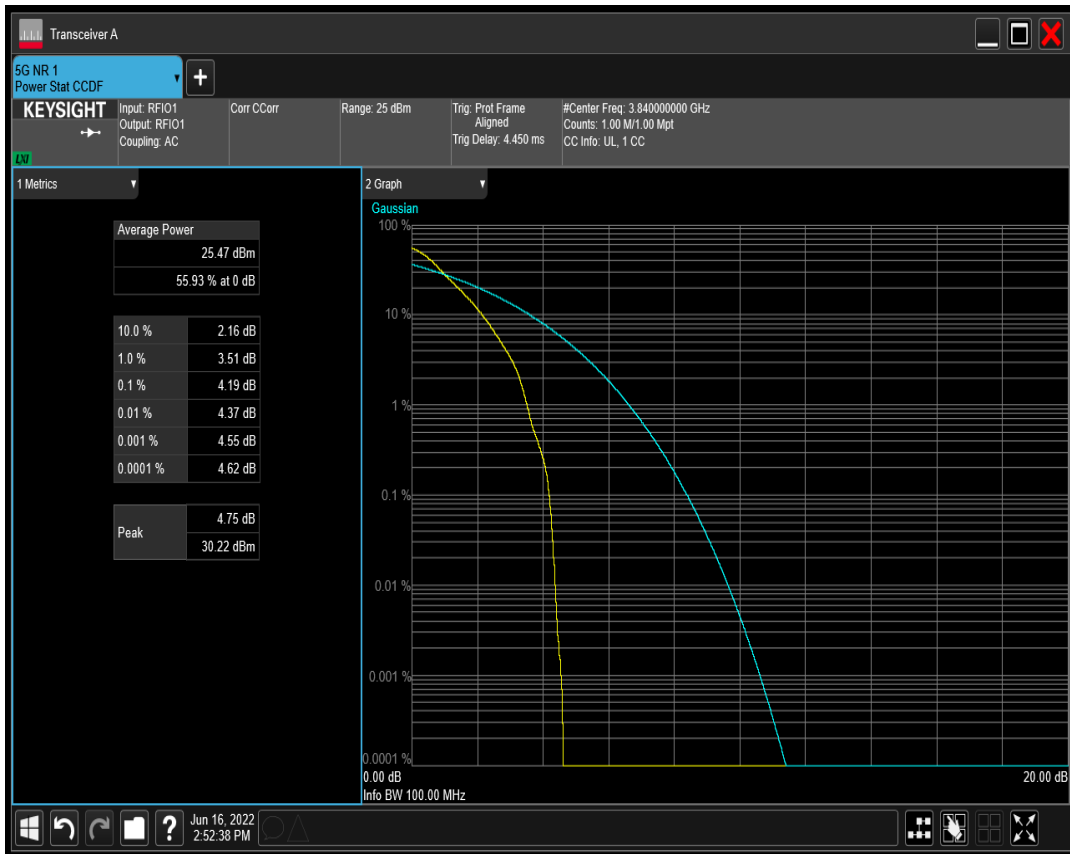
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=60MHz Channel=656000 RB=162@0



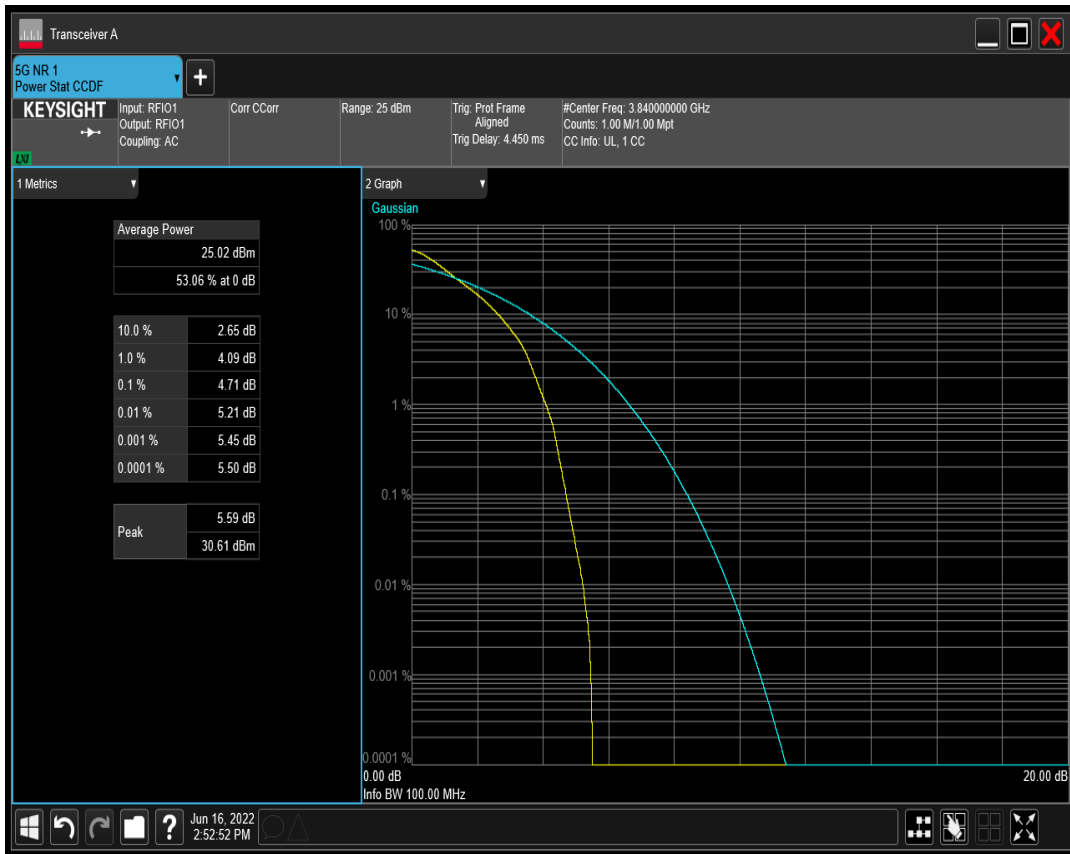
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=60MHz Channel=656000 RB=162@0



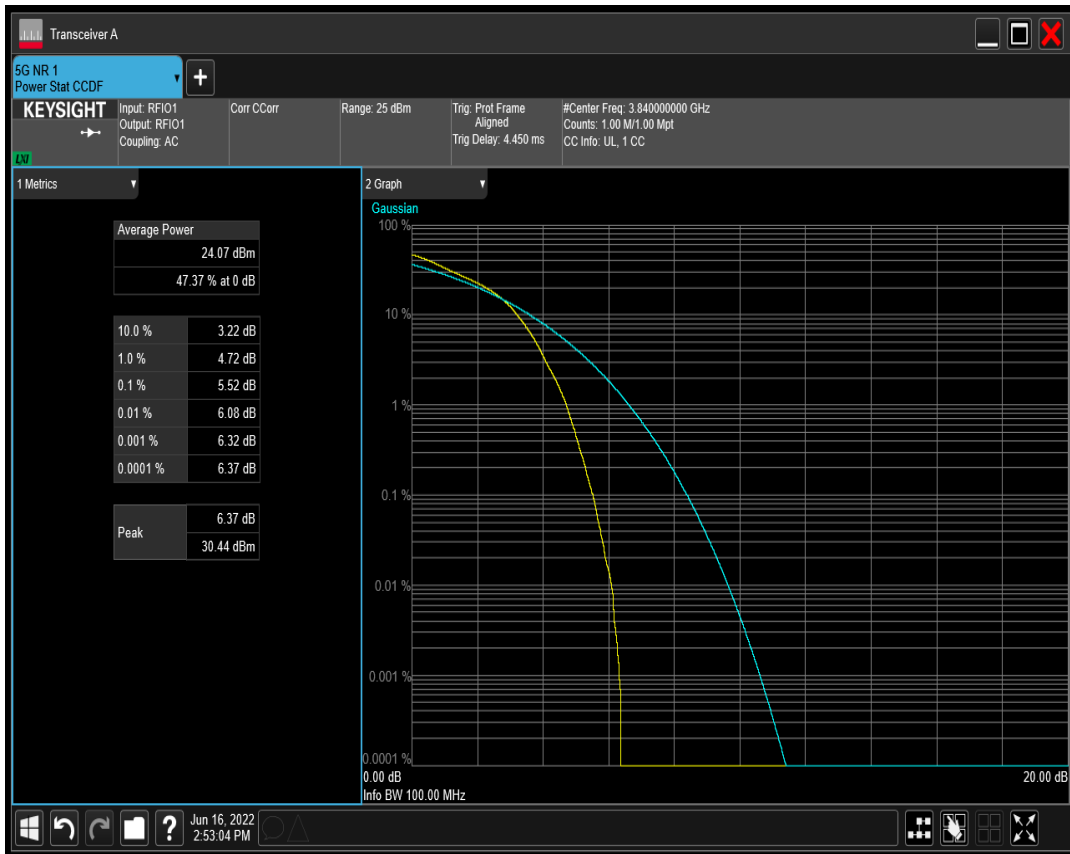
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz Channel=656000 RB=216@0



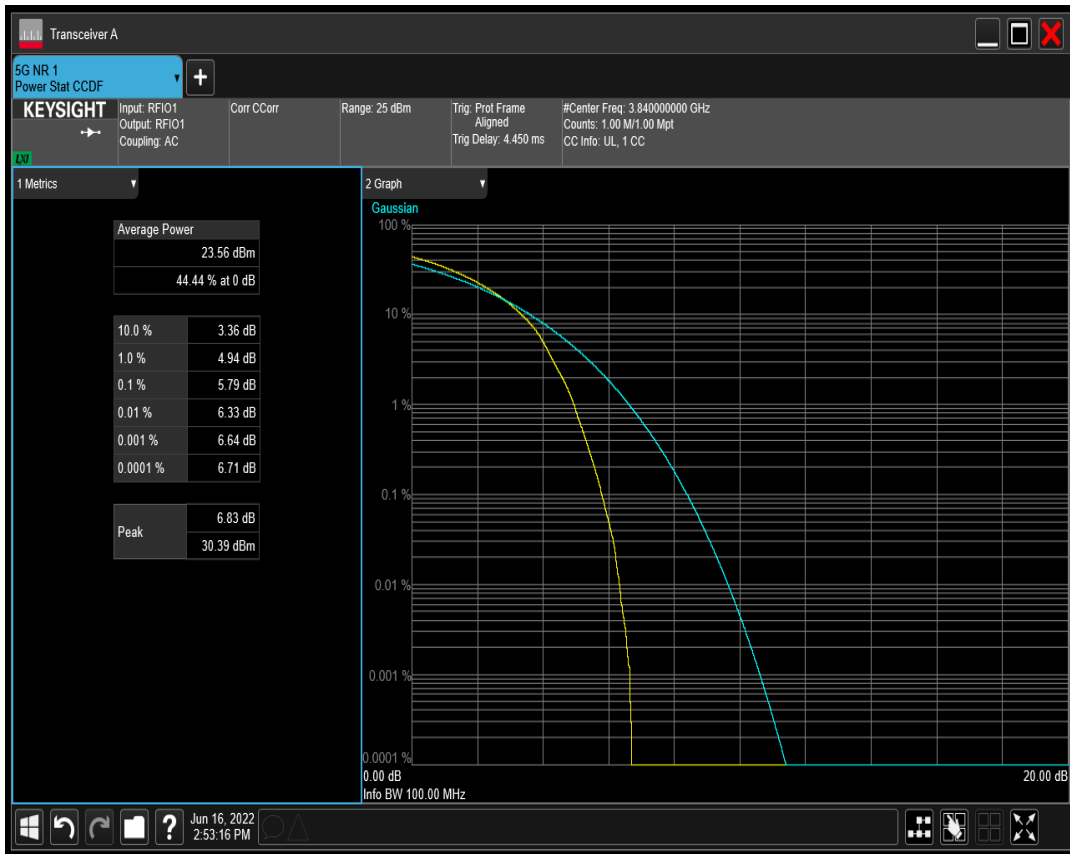
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=656000 RB=216@0



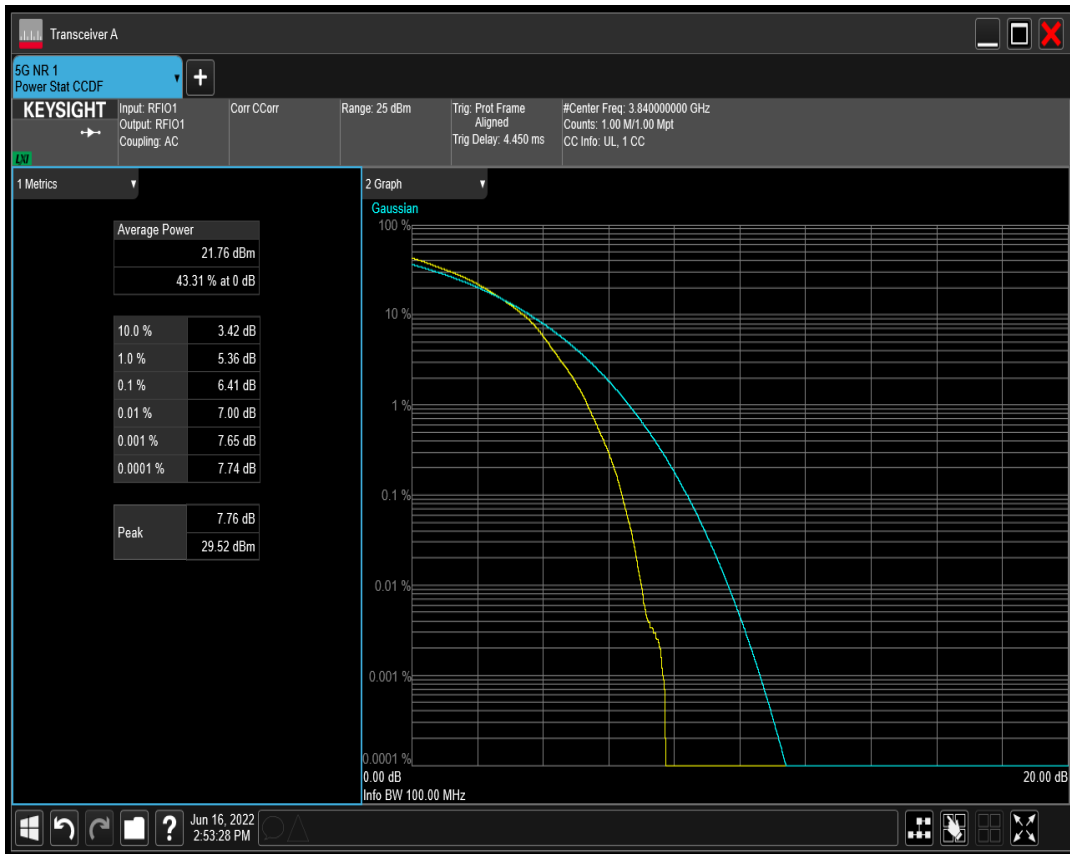
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=80MHz Channel=656000 RB=216@0



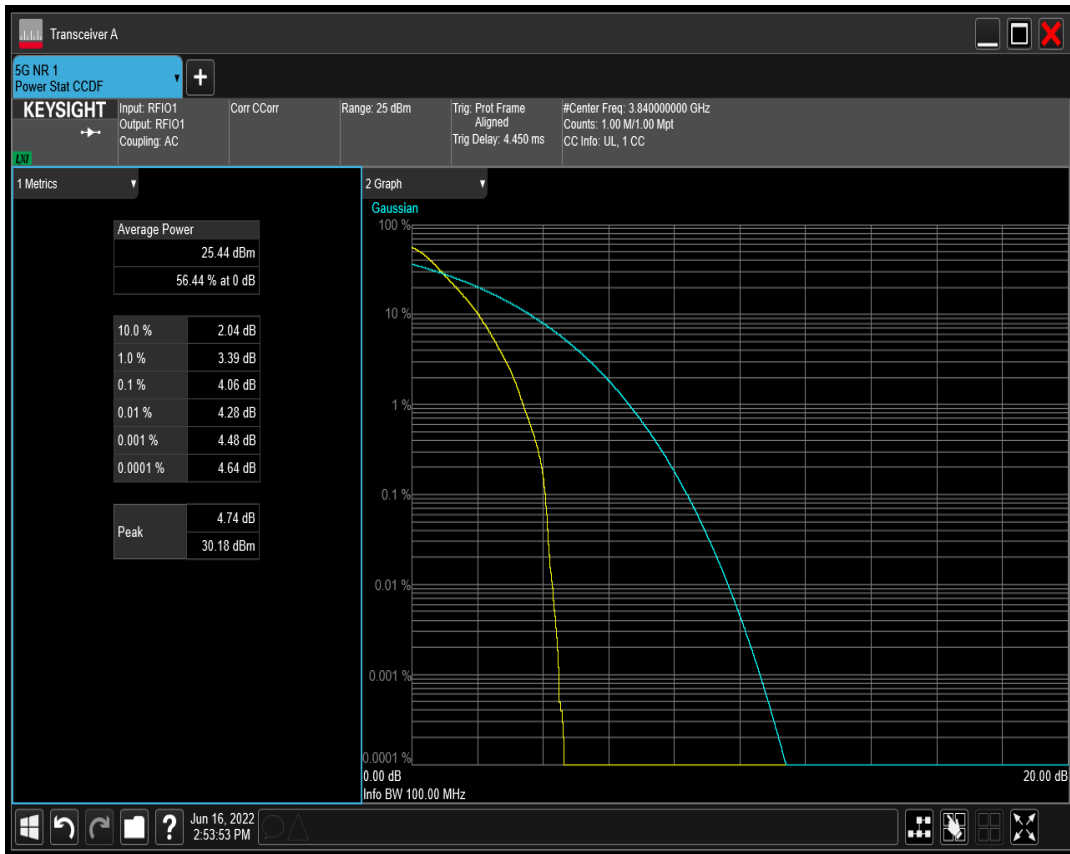
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=80MHz Channel=656000 RB=216@0



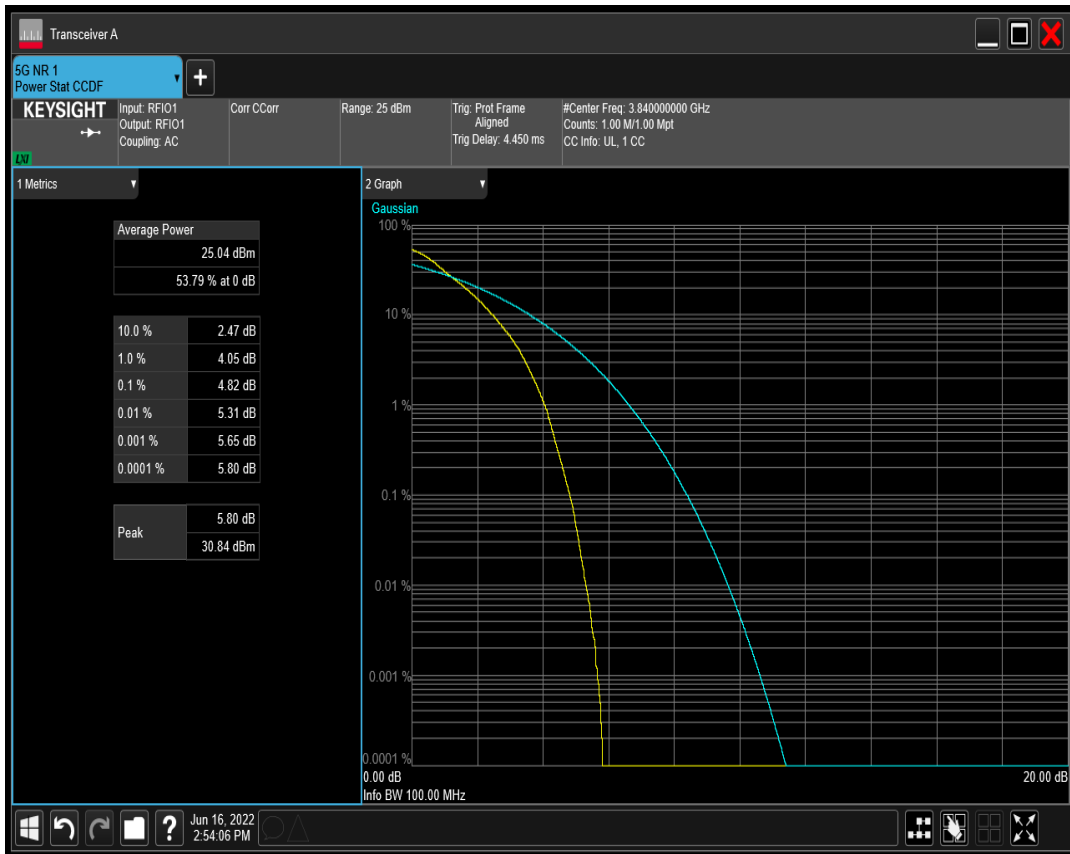
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=80MHz Channel=656000 RB=216@0



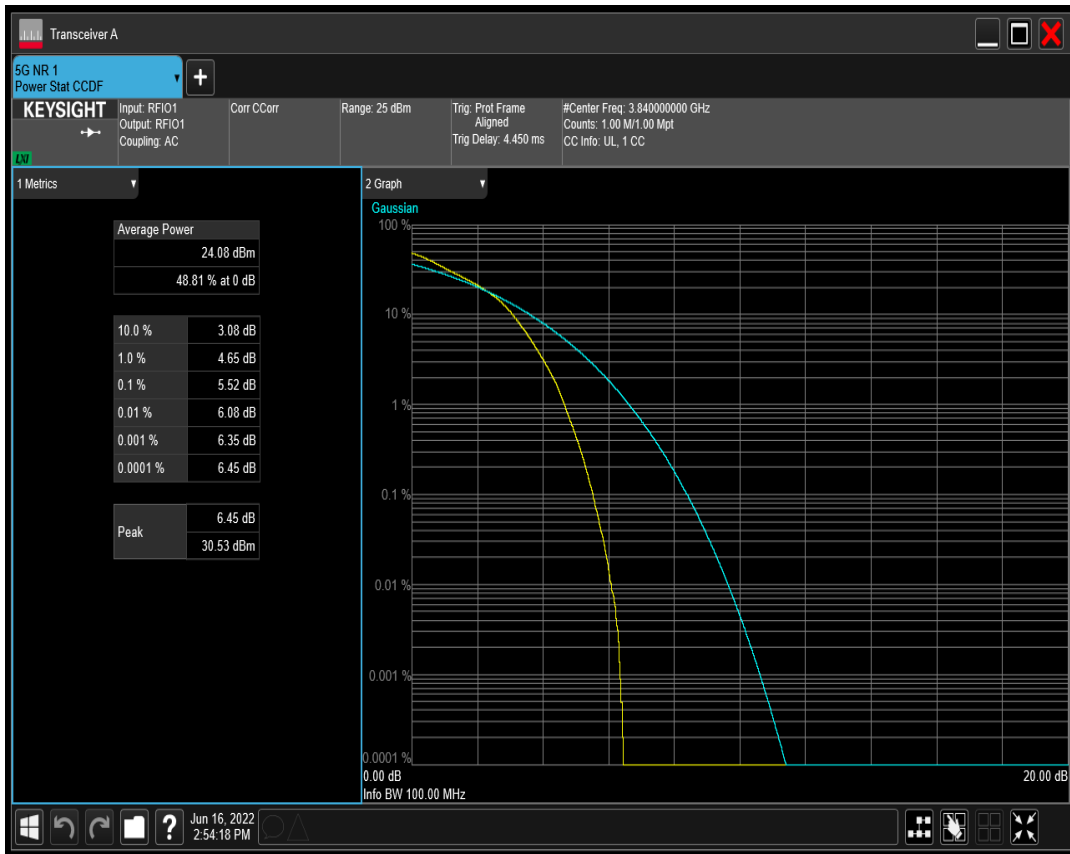
n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz Channel=656000 RB=240@0



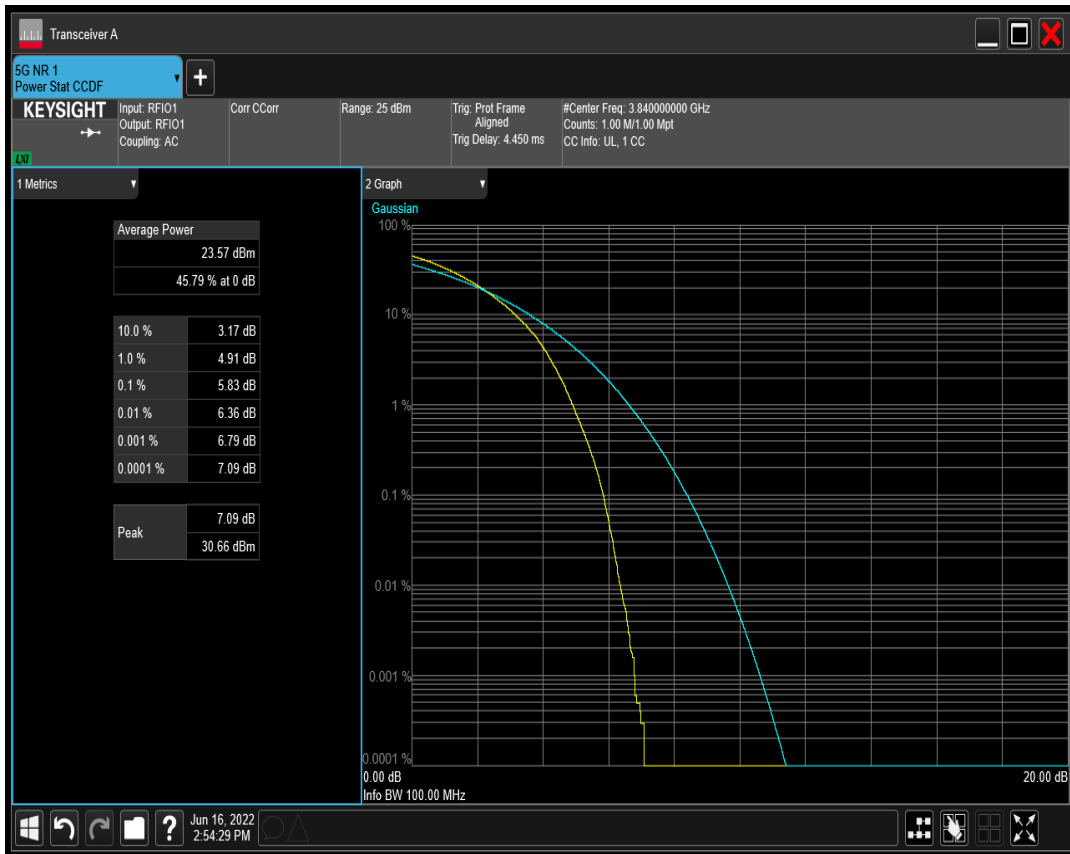
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=656000 RB=240@0



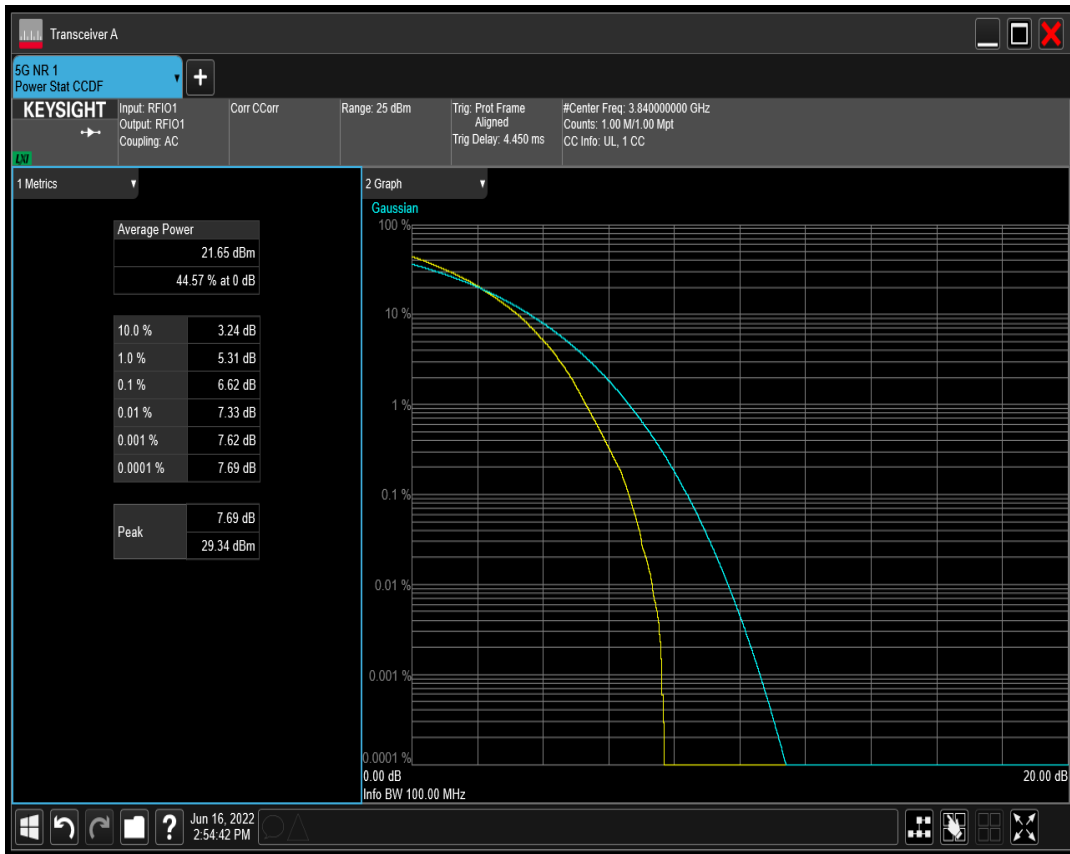
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=90MHz Channel=656000 RB=240@0



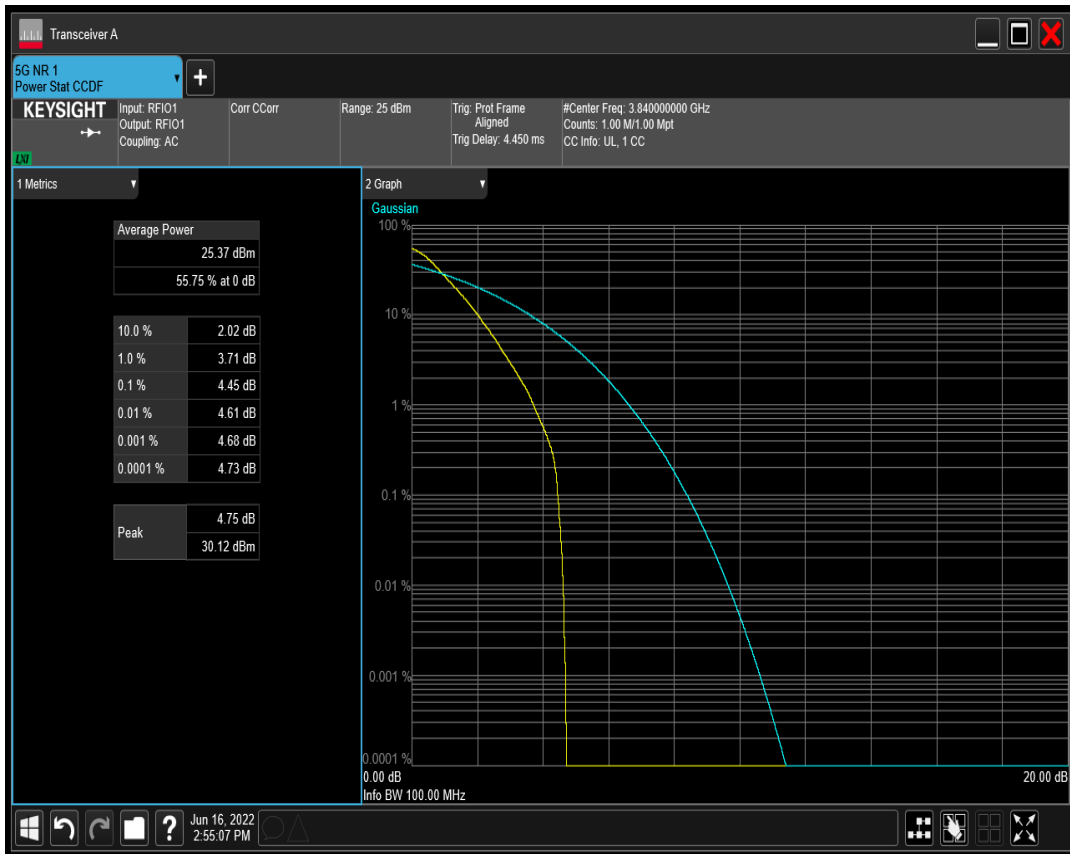
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=656000 RB=240@0



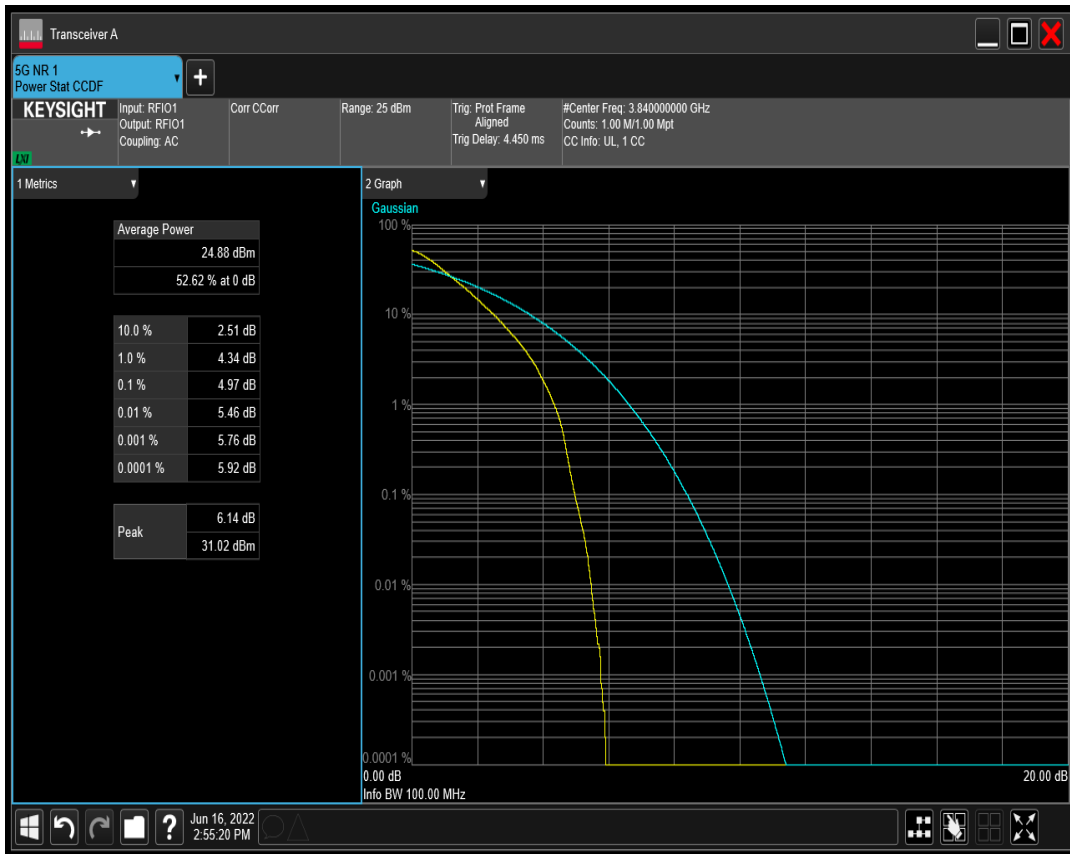
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=90MHz Channel=656000 RB=240@0



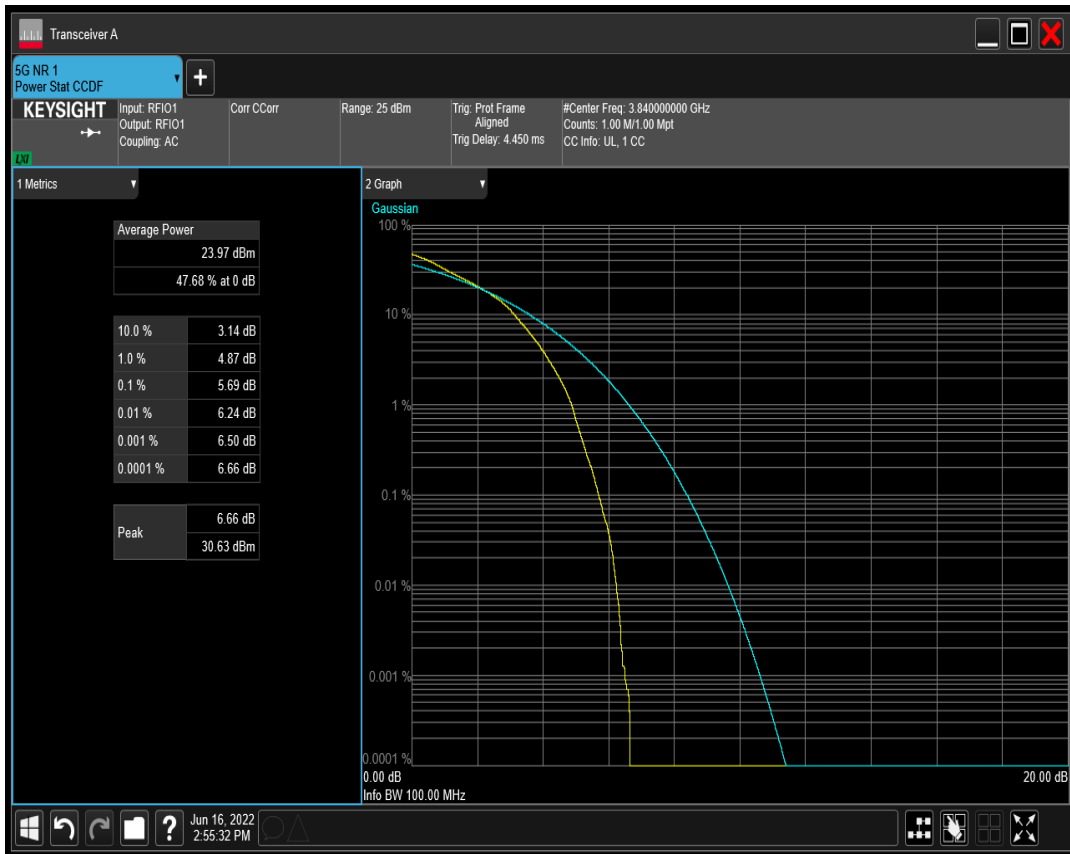
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz Channel=656000 RB=270@0



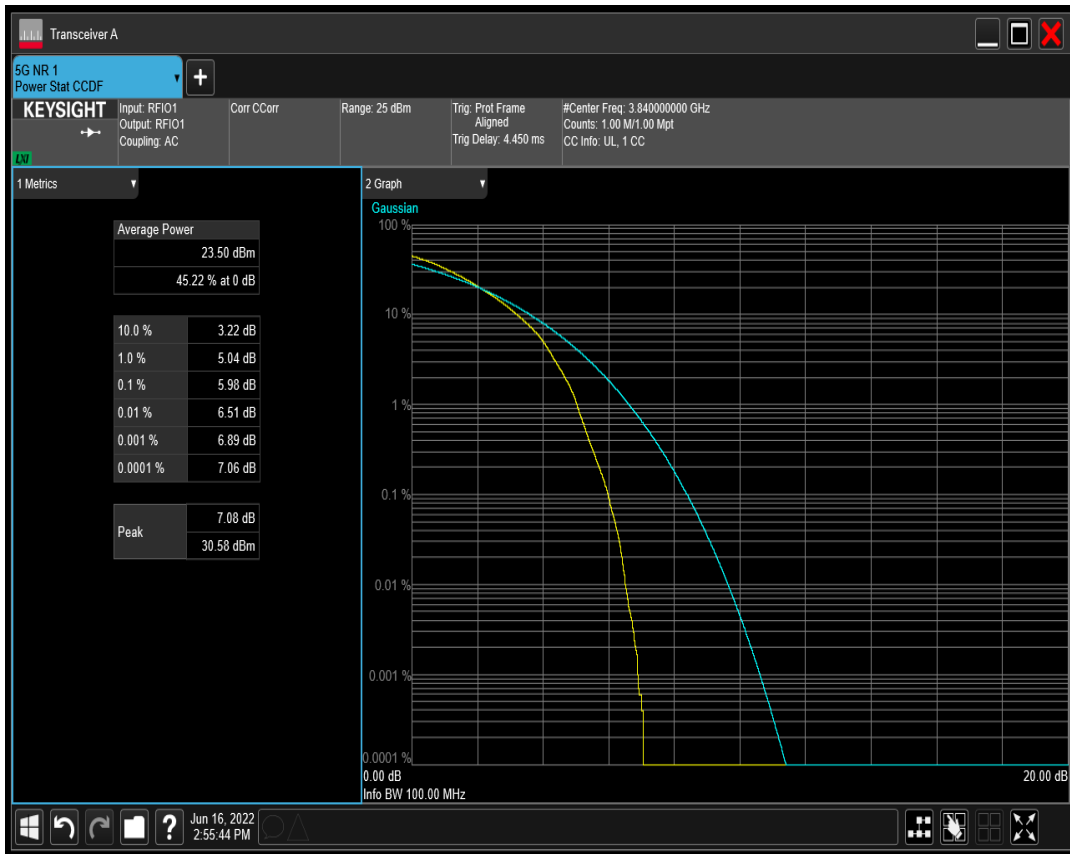
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=270@0



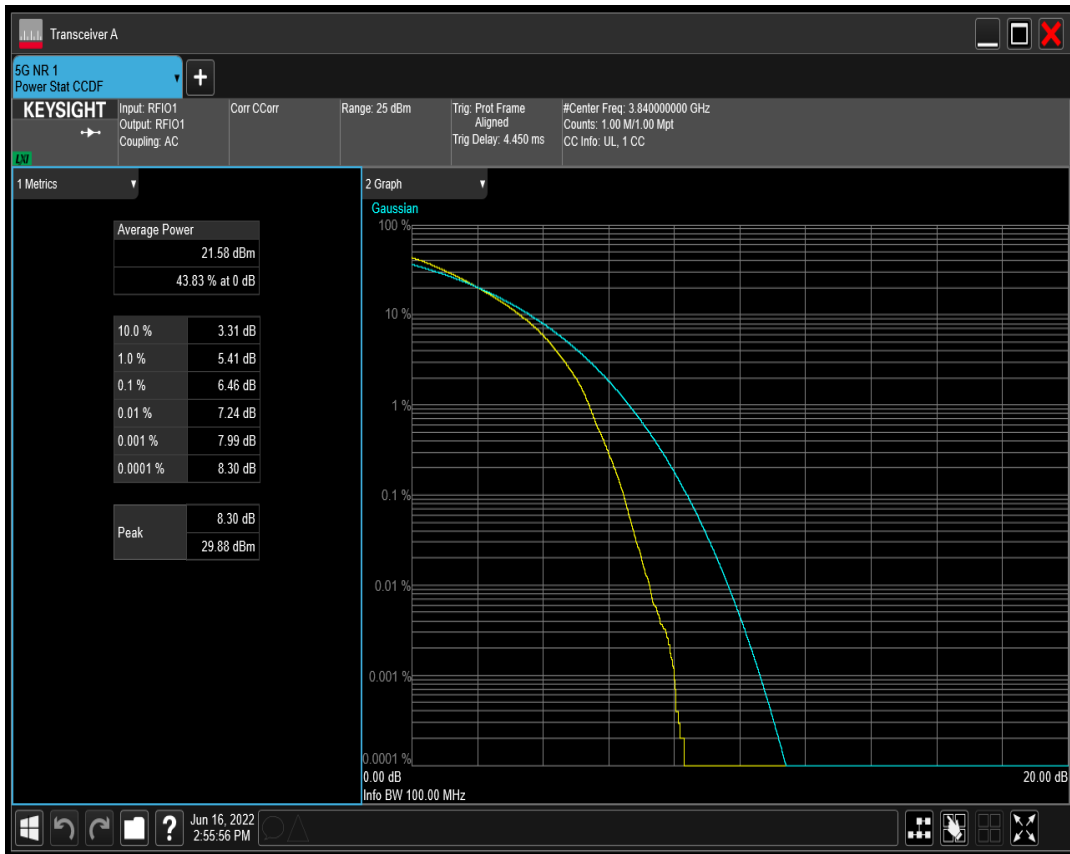
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=100MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=100MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=100MHz Channel=656000 RB=270@0



4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3700-3980)	30	10	647000	24@0	DFT_BPSK	8.620	9.660	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	8.650	9.980	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM16	8.650	9.540	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM64	8.640	9.290	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM256	8.610	9.180	PASS
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	8.660	12.240	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	8.620	9.280	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	8.640	9.220	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	8.620	9.190	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	8.620	9.200	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	8.610	9.140	PASS
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	8.640	9.540	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	8.620	9.230	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	8.620	9.230	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM16	8.620	9.220	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM64	8.620	9.230	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM256	8.610	9.180	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	8.620	9.310	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	13.520	14.480	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	13.630	15.770	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM16	13.580	13.970	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM64	13.530	13.880	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM256	13.580	13.770	PASS
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	13.690	18.220	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	13.470	13.760	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	13.520	13.860	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	13.530	13.750	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	13.510	13.720	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	13.570	13.740	PASS
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	13.650	14.630	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	13.530	13.770	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	13.570	13.790	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM16	13.520	13.730	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM64	13.510	13.750	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM256	13.570	13.780	PASS
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	13.640	14.540	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	18.170	19.840	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	18.190	21.010	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM16	18.200	19.130	PASS

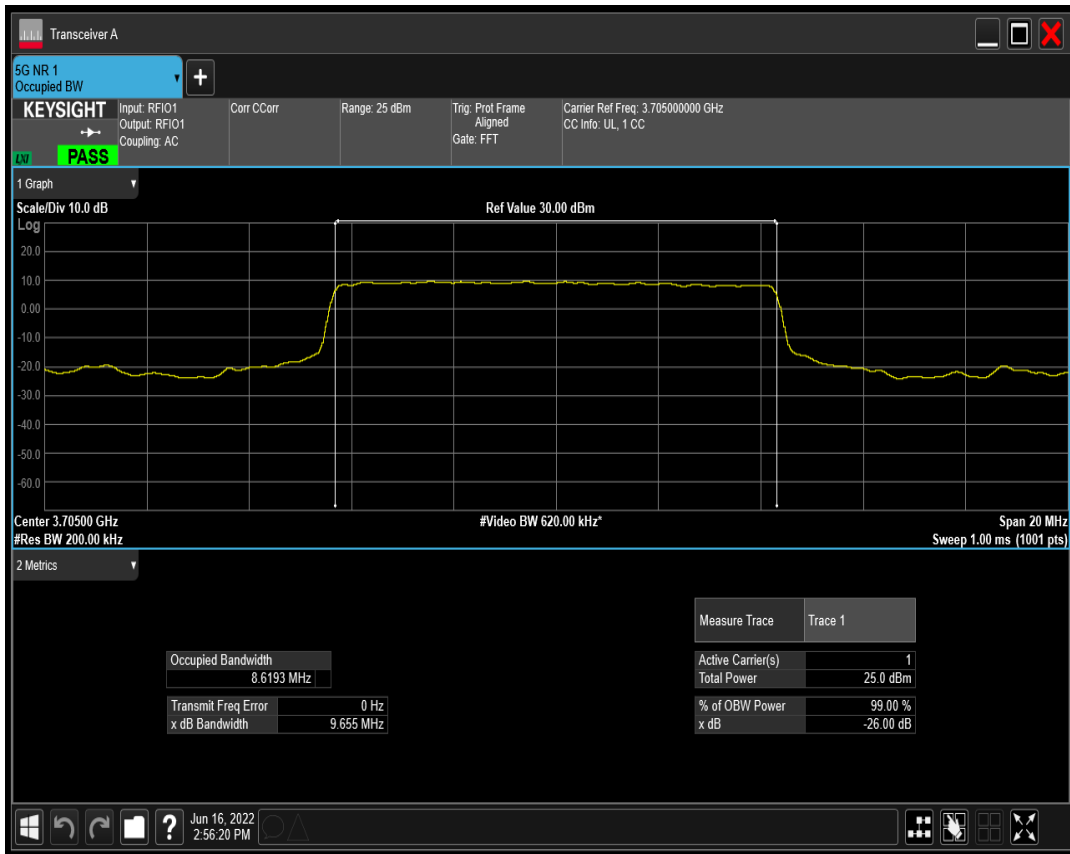
n77(3700-3980)	30	20	647334	50@0	DFT_QAM64	18.190	19.040	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM256	18.180	18.940	PASS
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	18.350	25.440	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	18.100	18.950	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	18.170	19.010	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	18.160	18.960	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	18.170	18.950	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	18.120	18.940	PASS
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	18.320	19.450	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	18.100	18.950	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	18.170	18.960	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM16	18.160	18.950	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM64	18.170	18.970	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM256	18.160	18.910	PASS
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	18.270	19.340	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_BPSK	27.740	30.240	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QPSK	27.850	31.300	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM16	27.840	28.700	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM64	27.770	28.570	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM256	27.660	28.450	PASS
n77(3700-3980)	30	30	647668	78@0	CP_QPSK	28.120	39.410	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_BPSK	27.650	28.530	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	27.660	28.540	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM16	27.730	28.520	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM64	27.730	28.460	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM256	27.630	28.440	PASS
n77(3700-3980)	30	30	656000	78@0	CP_QPSK	28.010	29.730	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_BPSK	27.730	28.500	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QPSK	27.750	28.510	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM16	27.730	28.490	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM64	27.740	28.450	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM256	27.640	28.440	PASS
n77(3700-3980)	30	30	664332	78@0	CP_QPSK	28.010	29.660	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	37.670	37.04	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	37.820	41.920	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM16	37.770	38.220	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM64	37.680	38.030	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM256	37.655	37.42	PASS
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	38.150	49.140	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	37.640	38.010	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	37.670	38.050	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	37.630	37.950	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	37.610	37.900	PASS

n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	37.490	37.850	PASS
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	38.090	40.230	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	37.680	37.980	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	37.790	37.980	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM16	37.790	37.910	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM64	37.640	37.910	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM256	37.660	37.880	PASS
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	38.100	40.160	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	47.420	62.750	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	47.600	66.280	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM16	47.410	48.740	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM64	47.430	48.640	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM256	47.210	48.350	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	47.860	64.110	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	47.230	48.580	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	47.230	48.690	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	47.250	48.550	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	47.250	48.460	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	47.090	48.380	PASS
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	47.690	50.680	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	47.270	48.540	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	47.410	48.590	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM16	47.290	48.470	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM64	47.250	48.450	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM256	47.230	48.380	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	47.700	50.440	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	58.100	64.680	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	58.170	67.780	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM16	58.130	61.330	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM64	58.120	61.200	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM256	57.950	60.970	PASS
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	58.190	70.630	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	57.940	61.140	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	58.130	61.250	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	58.080	61.110	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	57.950	61.060	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	57.930	60.960	PASS
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	58.120	61.410	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	57.950	61.120	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	58.110	61.160	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM16	58.100	61.060	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM64	58.090	61.020	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM256	57.950	60.960	PASS

n77(3700-3980)	30	60	663332	162@0	CP_QPSK	58.130	61.220	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	77.560	98.850	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	77.590	99.940	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM16	77.530	81.810	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM64	77.510	81.580	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM256	77.510	81.350	PASS
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	77.900	95.150	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	77.250	81.510	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	77.450	81.630	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM16	77.460	81.480	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM64	77.490	81.450	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM256	77.250	81.310	PASS
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	77.810	82.240	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	77.490	81.540	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	77.540	81.610	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM16	77.530	81.480	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM64	77.560	81.450	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM256	77.480	81.340	PASS
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	77.850	82.060	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_BPSK	87.160	95.160	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QPSK	87.230	100.530	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM16	87.150	91.240	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM64	87.120	90.960	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM256	86.930	90.520	PASS
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	88.000	106.320	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_BPSK	86.810	90.990	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QPSK	86.850	91.210	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM16	86.800	90.790	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM64	86.790	90.660	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM256	86.580	90.490	PASS
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	87.890	93.180	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_BPSK	87.140	90.930	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QPSK	87.160	91.030	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM16	86.930	90.670	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM64	86.930	90.610	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM256	86.910	90.490	PASS
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	87.940	92.770	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	97.290	108.190	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	97.330	116.930	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM16	97.270	102.280	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM64	97.260	102.060	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM256	96.960	101.630	PASS
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	98.070	114.550	PASS

n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	96.930	102.080	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	96.930	102.240	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM16	96.940	101.950	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM64	96.890	101.780	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM256	96.800	101.610	PASS
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	97.740	103.320	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	97.250	102.060	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	97.270	102.080	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM16	97.270	101.830	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM64	97.220	101.740	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM256	96.990	101.640	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	97.800	103.210	PASS

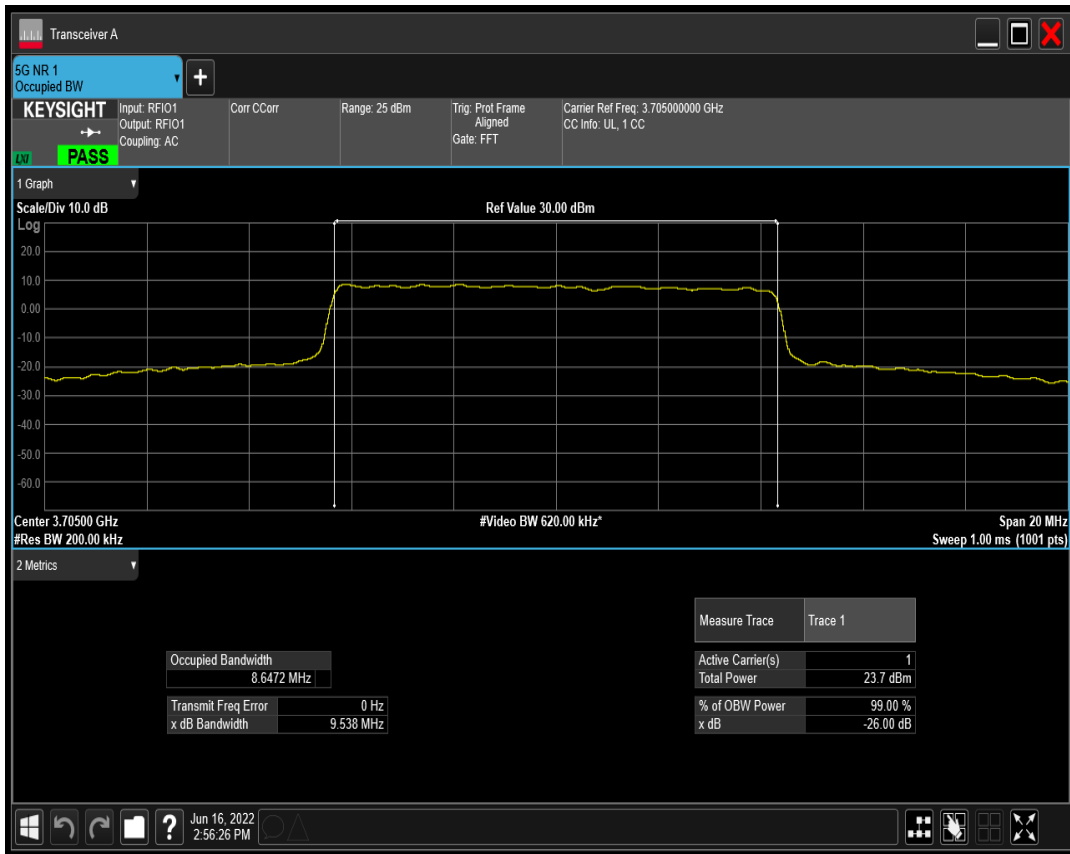
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz Channel=647000 RB=24@0



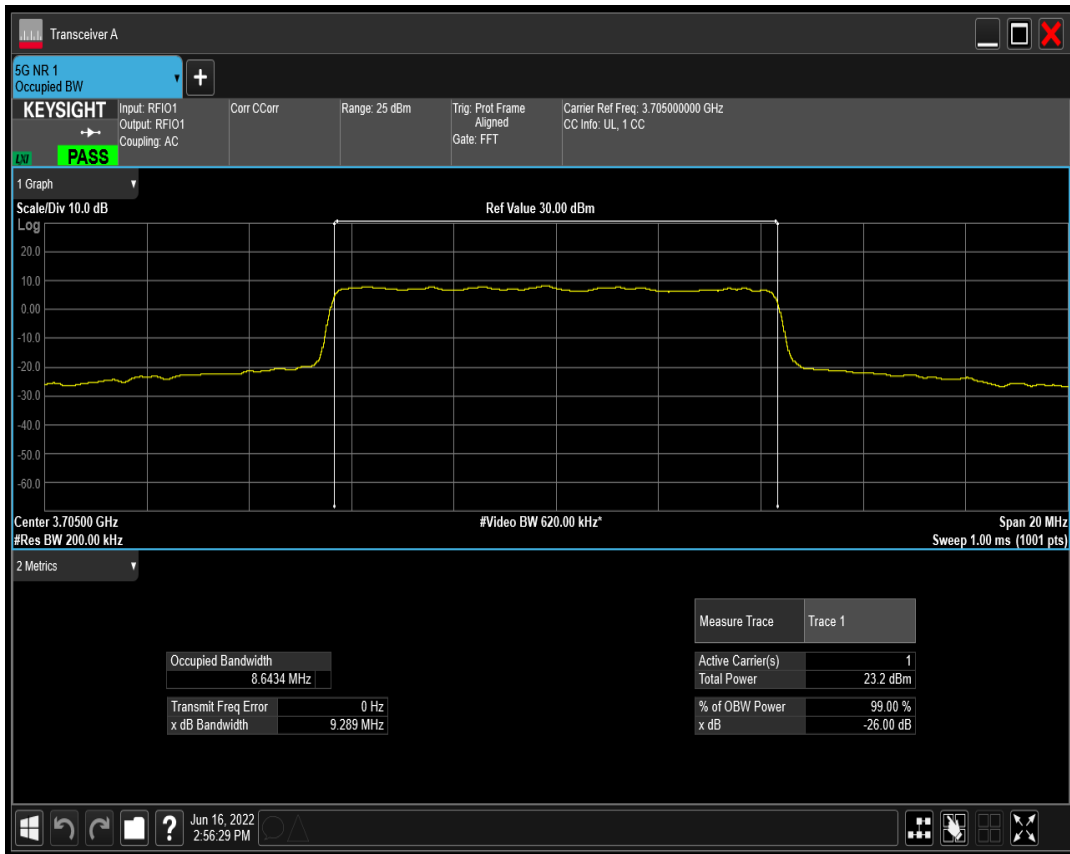
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n77(3700-3980) SCS=30kHz DFT_QAM16 BW=10MHz Channel=647000 RB=24@0



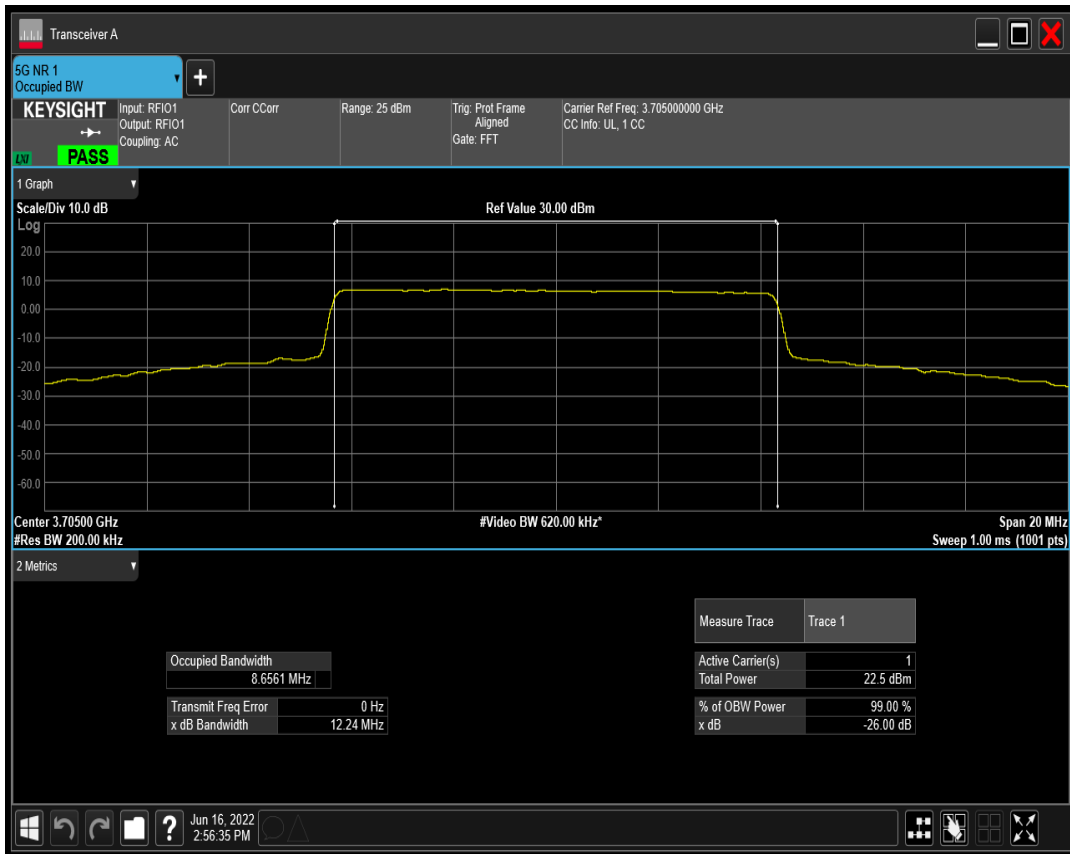
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n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=647000 RB=24@0



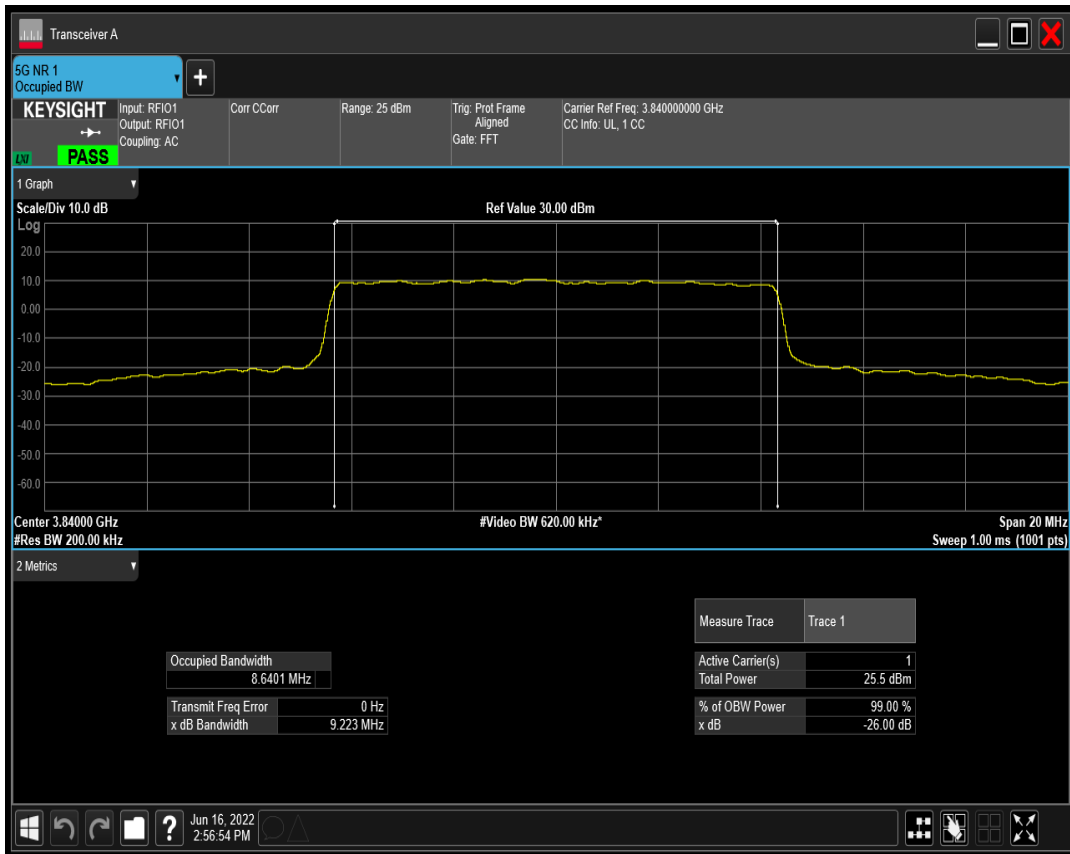
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n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz Channel=656000 RB=24@0



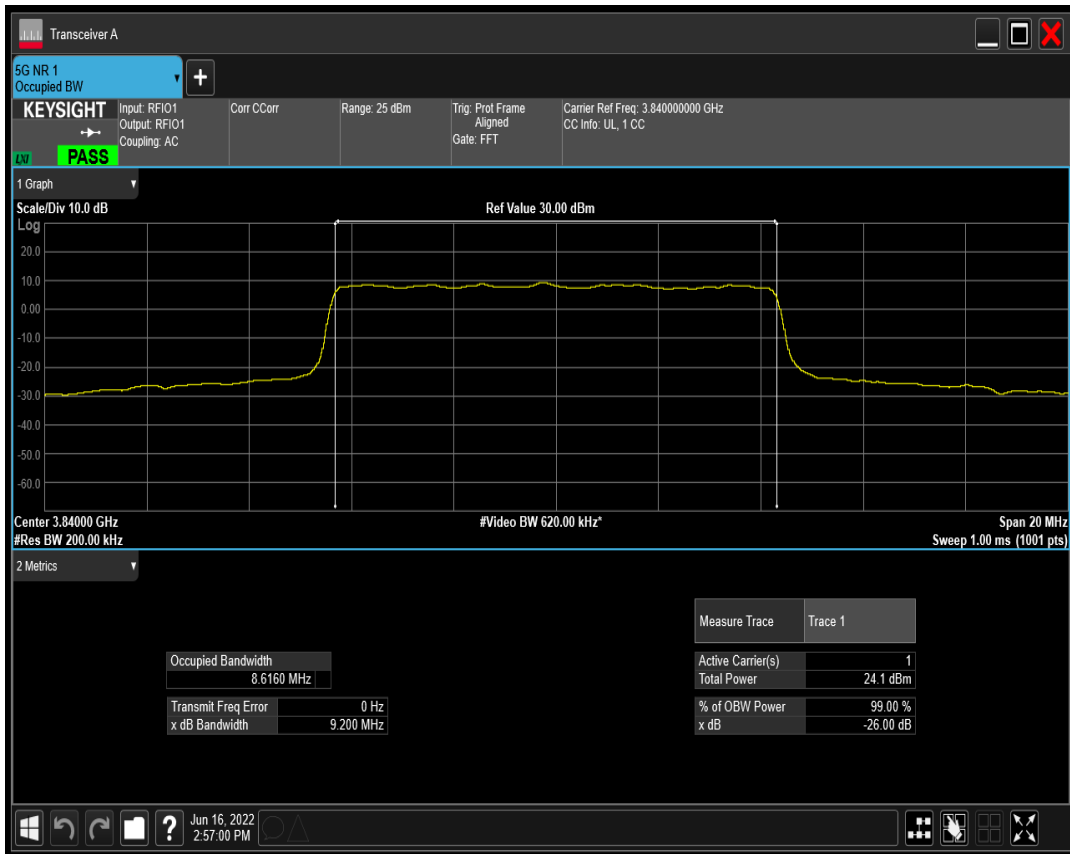
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n77(3700-3980) SCS=30kHz DFT_QAM16 BW=10MHz Channel=656000 RB=24@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=10MHz Channel=656000 RB=24@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=656000 RB=24@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=10MHz Channel=656000 RB=24@0



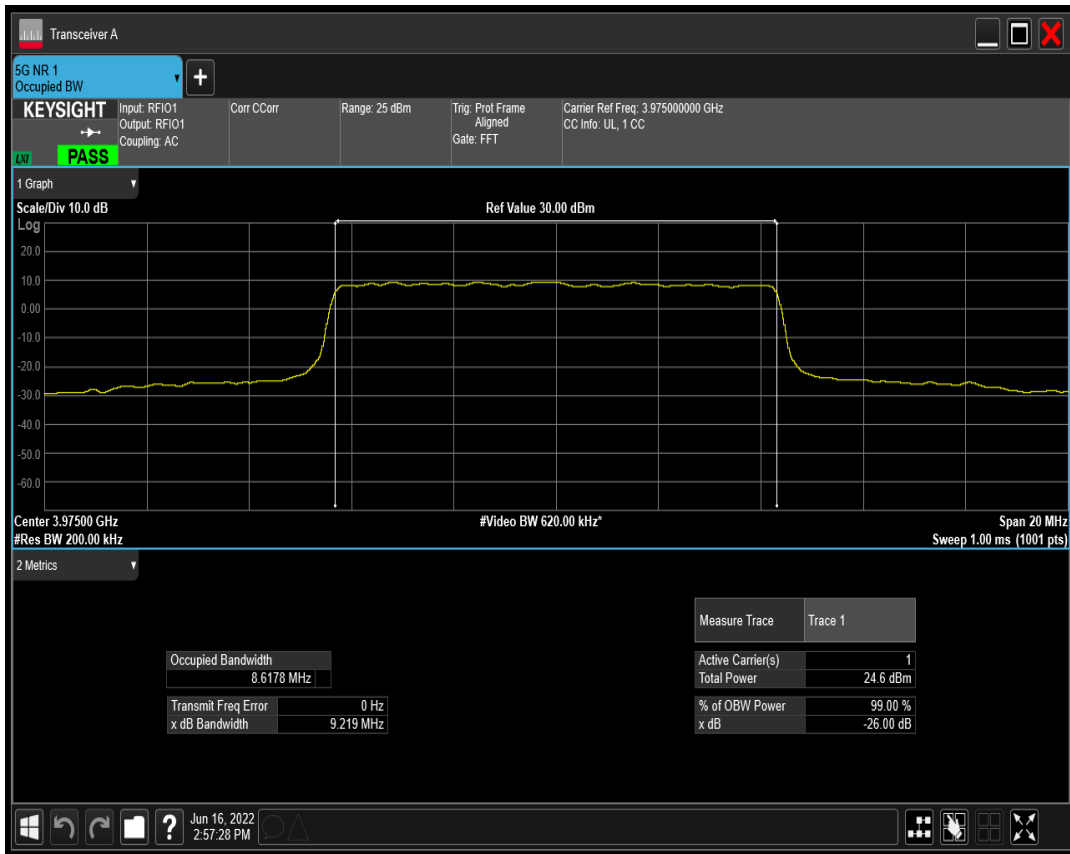
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n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=665000 RB=24@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=10MHz Channel=665000 RB=24@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=10MHz Channel=665000 RB=24@0

