

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	26.45	26.75	33	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	26.42	26.72	33	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	26.22	26.52	33	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	26.39	26.69	33	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	26.29	26.59	33	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	26.11	26.41	33	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM16	25.64	25.94	33	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM16	25.68	25.98	33	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM16	25.54	25.84	33	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM64	24.02	24.32	33	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM64	24.11	24.41	33	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM64	23.89	24.19	33	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM256	22.04	22.34	33	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM256	21.85	22.15	33	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM256	21.67	21.97	33	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	24.92	25.22	33	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	24.95	25.25	33	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	24.64	24.94	33	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM16	24.64	24.94	33	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM16	24.37	24.67	33	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM16	24.12	24.42	33	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM64	22.98	23.28	33	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM64	23.28	23.58	33	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM64	23.28	23.58	33	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM256	20.00	20.3	33	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM256	20.02	20.32	33	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM256	19.77	20.07	33	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	26.77	27.07	33	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	26.61	26.91	33	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	26.88	27.18	33	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	26.72	27.02	33	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	26.38	26.68	33	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	26.74	27.04	33	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM16	25.85	26.15	33	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM16	25.51	25.81	33	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM16	25.80	26.1	33	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM64	24.33	24.63	33	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM64	24.17	24.47	33	PASS

n77(3700-3980)	30	10	656000	1@22	DFT_QAM64	24.56	24.86	33	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM256	22.50	22.8	33	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM256	22.28	22.58	33	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM256	22.59	22.89	33	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	25.23	25.53	33	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	24.95	25.25	33	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	25.21	25.51	33	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM16	24.80	25.1	33	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM16	24.55	24.85	33	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM16	24.76	25.06	33	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM64	23.33	23.63	33	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM64	23.51	23.81	33	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM64	24.02	24.32	33	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM256	20.33	20.63	33	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM256	20.20	20.5	33	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM256	20.40	20.7	33	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	27.08	27.38	33	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	27.10	27.4	33	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	27.05	27.35	33	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	27.09	27.39	33	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	26.97	27.27	33	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	26.86	27.16	33	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM16	26.07	26.37	33	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM16	26.61	26.91	33	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM16	26.46	26.76	33	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM64	24.68	24.98	33	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM64	24.82	25.12	33	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM64	24.67	24.97	33	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM256	22.82	23.12	33	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM256	22.54	22.84	33	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM256	22.81	23.11	33	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	25.55	25.85	33	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	25.51	25.81	33	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	25.40	25.7	33	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM16	25.32	25.62	33	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM16	25.06	25.36	33	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM16	24.96	25.26	33	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM64	23.62	23.92	33	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM64	23.96	24.26	33	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM64	23.92	24.22	33	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM256	20.71	21.01	33	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM256	20.91	21.21	33	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM256	20.81	21.11	33	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	26.31	26.61	33	PASS

n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	26.47	26.77	33	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	26.03	26.33	33	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	26.35	26.65	33	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	26.28	26.58	33	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	25.84	26.14	33	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM16	25.39	25.69	33	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM16	26.23	26.53	33	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM16	25.30	25.6	33	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM64	23.86	24.16	33	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM64	24.13	24.43	33	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM64	23.67	23.97	33	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM256	21.93	22.23	33	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM256	21.86	22.16	33	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM256	21.43	21.73	33	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	24.93	25.23	33	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	24.90	25.2	33	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	24.54	24.84	33	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM16	24.40	24.7	33	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM16	24.33	24.63	33	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM16	23.87	24.17	33	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM64	22.90	23.2	33	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM64	23.30	23.6	33	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM64	23.11	23.41	33	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM256	19.90	20.2	33	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM256	20.04	20.34	33	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM256	19.73	20.03	33	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	26.76	27.06	33	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	26.39	26.69	33	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	26.84	27.14	33	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	26.72	27.02	33	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	26.39	26.69	33	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	26.81	27.11	33	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM16	25.80	26.1	33	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM16	25.78	26.08	33	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM16	26.48	26.78	33	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM64	24.25	24.55	33	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM64	24.20	24.5	33	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM64	24.66	24.96	33	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM256	22.35	22.65	33	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM256	22.24	22.54	33	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM256	22.49	22.79	33	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	25.24	25.54	33	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	24.82	25.12	33	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QPSK	25.24	25.54	33	PASS

n77(3700-3980)	30	15	656000	19@9	CP_QAM16	24.81	25.11	33	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM16	24.51	24.81	33	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM16	25.00	25.3	33	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM64	23.28	23.58	33	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM64	23.13	23.43	33	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM64	23.62	23.92	33	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM256	20.36	20.66	33	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM256	20.07	20.37	33	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM256	20.52	20.82	33	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	27.07	27.37	33	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	27.07	27.37	33	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	27.00	27.3	33	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	27.07	27.37	33	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	26.96	27.26	33	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	26.90	27.2	33	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM16	26.07	26.37	33	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM16	26.55	26.85	33	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM16	26.51	26.81	33	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM64	24.55	24.85	33	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM64	24.76	25.06	33	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM64	24.66	24.96	33	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM256	22.65	22.95	33	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM256	22.56	22.86	33	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM256	22.74	23.04	33	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	25.59	25.89	33	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	25.44	25.74	33	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	25.35	25.65	33	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM16	25.15	25.45	33	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM16	25.12	25.42	33	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM16	25.13	25.43	33	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM64	23.69	23.99	33	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM64	23.96	24.26	33	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM64	23.72	24.02	33	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM256	20.73	21.03	33	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM256	20.59	20.89	33	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM256	20.64	20.94	33	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	26.28	26.58	33	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	26.38	26.68	33	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	25.82	26.12	33	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	26.32	26.62	33	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	26.33	26.63	33	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	25.71	26.01	33	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM16	25.42	25.72	33	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM16	26.03	26.33	33	PASS

n77(3700-3980)	30	20	647334	1@49	DFT_QAM16	25.45	25.75	33	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM64	23.78	24.08	33	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM64	24.21	24.51	33	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM64	23.68	23.98	33	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM256	21.95	22.25	33	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM256	22.17	22.47	33	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM256	21.62	21.92	33	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	24.87	25.17	33	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	24.72	25.02	33	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	24.14	24.44	33	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM16	24.22	24.52	33	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM16	24.41	24.71	33	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM16	23.83	24.13	33	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM64	22.81	23.11	33	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM64	23.31	23.61	33	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM64	22.57	22.87	33	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM256	19.86	20.16	33	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM256	20.09	20.39	33	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM256	19.59	19.89	33	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	26.75	27.05	33	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	26.43	26.73	33	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	26.91	27.21	33	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	26.72	27.02	33	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	26.27	26.57	33	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	26.88	27.18	33	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM16	25.79	26.09	33	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM16	25.42	25.72	33	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM16	26.50	26.8	33	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM64	24.30	24.6	33	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM64	23.80	24.1	33	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM64	24.74	25.04	33	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM256	22.50	22.8	33	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM256	21.75	22.05	33	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM256	22.27	22.57	33	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	25.27	25.57	33	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	24.72	25.02	33	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	25.29	25.59	33	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM16	24.72	25.02	33	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM16	24.42	24.72	33	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM16	24.87	25.17	33	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM64	23.24	23.54	33	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM64	23.29	23.59	33	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM64	23.65	23.95	33	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM256	20.37	20.67	33	PASS

n77(3700-3980)	30	20	656000	1@1	CP_QAM256	19.97	20.27	33	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM256	20.70	21	33	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	27.16	27.46	33	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	27.02	27.32	33	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	27.02	27.32	33	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	27.12	27.42	33	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	26.90	27.2	33	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	26.89	27.19	33	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM16	26.14	26.44	33	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM16	26.49	26.79	33	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM16	26.49	26.79	33	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM64	24.64	24.94	33	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM64	24.40	24.7	33	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM64	24.78	25.08	33	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM256	22.69	22.99	33	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM256	22.70	23	33	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM256	22.82	23.12	33	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	25.68	25.98	33	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	25.38	25.68	33	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	25.32	25.62	33	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM16	25.20	25.5	33	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM16	24.99	25.29	33	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM16	24.95	25.25	33	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM64	23.68	23.98	33	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM64	23.68	23.98	33	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM64	23.81	24.11	33	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM256	20.80	21.1	33	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM256	20.77	21.07	33	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM256	20.49	20.79	33	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_BPSK	26.17	26.47	33	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_BPSK	26.38	26.68	33	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_BPSK	25.86	26.16	33	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QPSK	26.13	26.43	33	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QPSK	26.49	26.79	33	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QPSK	25.89	26.19	33	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM16	25.17	25.47	33	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM16	25.81	26.11	33	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM16	25.60	25.9	33	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM64	23.78	24.08	33	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM64	24.11	24.41	33	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM64	23.63	23.93	33	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM256	21.69	21.99	33	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM256	21.91	22.21	33	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM256	21.68	21.98	33	PASS

n77(3700-3980)	30	30	647668	39@19	CP_QPSK	24.55	24.85	33	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QPSK	24.88	25.18	33	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QPSK	24.29	24.59	33	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM16	24.16	24.46	33	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM16	24.45	24.75	33	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM16	23.96	24.26	33	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM64	22.67	22.97	33	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM64	23.46	23.76	33	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM64	22.78	23.08	33	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM256	19.68	19.98	33	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM256	20.04	20.34	33	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM256	19.70	20	33	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_BPSK	26.71	27.01	33	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_BPSK	26.27	26.57	33	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_BPSK	27.04	27.34	33	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QPSK	26.69	26.99	33	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QPSK	26.12	26.42	33	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QPSK	26.80	27.1	33	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM16	25.68	25.98	33	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM16	25.62	25.92	33	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM16	26.26	26.56	33	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM64	24.28	24.58	33	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM64	23.98	24.28	33	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM64	24.55	24.85	33	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM256	22.35	22.65	33	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM256	22.10	22.4	33	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM256	22.42	22.72	33	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QPSK	25.21	25.51	33	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QPSK	24.59	24.89	33	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QPSK	25.35	25.65	33	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM16	24.74	25.04	33	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM16	24.34	24.64	33	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM16	25.15	25.45	33	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM64	23.25	23.55	33	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM64	22.91	23.21	33	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM64	23.85	24.15	33	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM256	20.41	20.71	33	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM256	20.03	20.33	33	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM256	20.81	21.11	33	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_BPSK	26.97	27.27	33	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_BPSK	26.82	27.12	33	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_BPSK	26.97	27.27	33	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QPSK	26.97	27.27	33	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QPSK	26.66	26.96	33	PASS

n77(3700-3980)	30	30	664332	1@76	DFT_QPSK	26.85	27.15	33	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM16	26.09	26.39	33	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM16	26.25	26.55	33	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM16	26.20	26.5	33	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM64	24.63	24.93	33	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM64	24.49	24.79	33	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM64	24.66	24.96	33	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM256	22.57	22.87	33	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM256	22.52	22.82	33	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM256	22.72	23.02	33	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QPSK	25.50	25.8	33	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QPSK	25.15	25.45	33	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QPSK	25.27	25.57	33	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM16	24.94	25.24	33	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM16	24.75	25.05	33	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM16	25.10	25.4	33	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM64	23.52	23.82	33	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM64	23.64	23.94	33	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM64	23.89	24.19	33	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM256	20.64	20.94	33	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM256	20.41	20.71	33	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM256	20.63	20.93	33	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	26.03	26.33	33	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	26.44	26.74	33	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	26.01	26.31	33	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	26.08	26.38	33	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	26.51	26.81	33	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	26.01	26.31	33	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM16	25.06	25.36	33	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM16	25.77	26.07	33	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM16	25.43	25.73	33	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM64	23.54	23.84	33	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM64	24.23	24.53	33	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM64	23.84	24.14	33	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM256	21.62	21.92	33	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM256	21.98	22.28	33	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM256	21.58	21.88	33	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	24.57	24.87	33	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	24.75	25.05	33	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	24.36	24.66	33	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM16	24.04	24.34	33	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM16	24.45	24.75	33	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM16	24.00	24.3	33	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM64	22.54	22.84	33	PASS

n77(3700-3980)	30	40	648000	1@1	CP_QAM64	23.31	23.61	33	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM64	22.76	23.06	33	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM256	19.62	19.92	33	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM256	20.12	20.42	33	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM256	19.78	20.08	33	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	26.74	27.04	33	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	26.24	26.54	33	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	27.00	27.3	33	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	26.73	27.03	33	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	26.10	26.4	33	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	26.75	27.05	33	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM16	25.76	26.06	33	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM16	25.27	25.57	33	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM16	26.47	26.77	33	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM64	24.25	24.55	33	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM64	24.08	24.38	33	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM64	24.67	24.97	33	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM256	22.24	22.54	33	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM256	21.71	22.01	33	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM256	22.80	23.1	33	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	25.22	25.52	33	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	24.64	24.94	33	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	25.44	25.74	33	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM16	24.72	25.02	33	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM16	24.22	24.52	33	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM16	24.84	25.14	33	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM64	23.24	23.54	33	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM64	23.18	23.48	33	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM64	23.68	23.98	33	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM256	20.33	20.63	33	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM256	19.96	20.26	33	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM256	20.48	20.78	33	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	26.97	27.27	33	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	26.68	26.98	33	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	26.97	27.27	33	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	26.88	27.18	33	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	26.57	26.87	33	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	26.86	27.16	33	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM16	25.98	26.28	33	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM16	25.97	26.27	33	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM16	26.49	26.79	33	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM64	24.54	24.84	33	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM64	24.39	24.69	33	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM64	24.64	24.94	33	PASS

n77(3700-3980)	30	40	664000	50@25	DFT_QAM256	22.51	22.81	33	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM256	22.13	22.43	33	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM256	22.45	22.75	33	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	25.37	25.67	33	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	25.00	25.3	33	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	25.39	25.69	33	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM16	24.92	25.22	33	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM16	24.79	25.09	33	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM16	25.15	25.45	33	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM64	23.47	23.77	33	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM64	23.53	23.83	33	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM64	23.63	23.93	33	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM256	20.63	20.93	33	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM256	20.63	20.93	33	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM256	20.68	20.98	33	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	26.07	26.37	33	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	26.33	26.63	33	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	25.95	26.25	33	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	26.10	26.4	33	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	26.20	26.5	33	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	25.75	26.05	33	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM16	25.09	25.39	33	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM16	25.60	25.9	33	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM16	25.49	25.79	33	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM64	23.61	23.91	33	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM64	23.81	24.11	33	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM64	23.24	23.54	33	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM256	21.62	21.92	33	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM256	22.16	22.46	33	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM256	21.12	21.42	33	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	24.56	24.86	33	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	24.77	25.07	33	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	24.23	24.53	33	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM16	24.13	24.43	33	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM16	24.33	24.63	33	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM16	23.76	24.06	33	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM64	22.60	22.9	33	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM64	23.33	23.63	33	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM64	22.76	23.06	33	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM256	19.64	19.94	33	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM256	20.19	20.49	33	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM256	19.31	19.61	33	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	26.74	27.04	33	PASS

n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	26.34	26.64	33	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	27.00	27.3	33	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	26.74	27.04	33	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	26.20	26.5	33	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	26.92	27.22	33	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM16	25.75	26.05	33	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM16	25.59	25.89	33	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM16	26.15	26.45	33	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM64	24.27	24.57	33	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM64	23.94	24.24	33	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM64	24.68	24.98	33	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM256	22.35	22.65	33	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM256	22.01	22.31	33	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM256	22.64	22.94	33	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	25.26	25.56	33	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	24.68	24.98	33	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	25.33	25.63	33	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM16	24.80	25.1	33	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM16	24.40	24.7	33	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM16	24.93	25.23	33	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM64	23.25	23.55	33	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM64	23.29	23.59	33	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM64	23.84	24.14	33	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM256	20.37	20.67	33	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM256	19.89	20.19	33	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM256	20.48	20.78	33	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	26.88	27.18	33	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	26.88	27.18	33	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	26.97	27.27	33	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	26.90	27.2	33	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	26.76	27.06	33	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	26.78	27.08	33	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM16	25.90	26.2	33	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM16	26.33	26.63	33	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM16	25.78	26.08	33	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM64	24.39	24.69	33	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM64	24.28	24.58	33	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM64	24.70	25	33	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM256	22.45	22.75	33	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM256	22.24	22.54	33	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM256	22.67	22.97	33	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	25.36	25.66	33	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	25.19	25.49	33	PASS

n77(3700-3980)	30	50	663666	1@131	CP_QPSK	25.35	25.65	33	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM16	24.93	25.23	33	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM16	24.83	25.13	33	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM16	24.93	25.23	33	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM64	23.42	23.72	33	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM64	23.57	23.87	33	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM64	23.80	24.1	33	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM256	20.42	20.72	33	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM256	20.40	20.7	33	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM256	20.74	21.04	33	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	26.06	26.36	33	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	26.31	26.61	33	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	25.63	25.93	33	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	26.03	26.33	33	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	26.34	26.64	33	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	25.65	25.95	33	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM16	25.05	25.35	33	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM16	25.63	25.93	33	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM16	24.95	25.25	33	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM64	23.53	23.83	33	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM64	24.04	24.34	33	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM64	23.31	23.61	33	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM256	21.57	21.87	33	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM256	21.72	22.02	33	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM256	21.11	21.41	33	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	24.53	24.83	33	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	24.77	25.07	33	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	24.04	24.34	33	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM16	24.01	24.31	33	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM16	24.28	24.58	33	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM16	23.68	23.98	33	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM64	22.48	22.78	33	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM64	23.36	23.66	33	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM64	22.55	22.85	33	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM256	19.61	19.91	33	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM256	19.94	20.24	33	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM256	19.43	19.73	33	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	26.67	26.97	33	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	26.07	26.37	33	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	26.76	27.06	33	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	26.71	27.01	33	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	26.02	26.32	33	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	26.81	27.11	33	PASS

n77(3700-3980)	30	60	656000	81@40	DFT_QAM16	25.69	25.99	33	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM16	25.46	25.76	33	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM16	26.36	26.66	33	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM64	24.24	24.54	33	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM64	23.87	24.17	33	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM64	24.52	24.82	33	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM256	22.27	22.57	33	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM256	21.69	21.99	33	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM256	22.34	22.64	33	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	25.21	25.51	33	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QPSK	24.49	24.79	33	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	25.15	25.45	33	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM16	24.69	24.99	33	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM16	24.24	24.54	33	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM16	24.94	25.24	33	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM64	23.26	23.56	33	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM64	23.10	23.4	33	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM64	23.77	24.07	33	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM256	20.30	20.6	33	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM256	19.77	20.07	33	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM256	20.35	20.65	33	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	26.85	27.15	33	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	26.82	27.12	33	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	26.82	27.12	33	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	26.81	27.11	33	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	26.66	26.96	33	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	26.82	27.12	33	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM16	25.76	26.06	33	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM16	26.31	26.61	33	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM16	26.33	26.63	33	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM64	24.39	24.69	33	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM64	24.48	24.78	33	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM64	24.54	24.84	33	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM256	22.46	22.76	33	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM256	22.56	22.86	33	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM256	22.57	22.87	33	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	25.32	25.62	33	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	25.17	25.47	33	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	25.12	25.42	33	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM16	24.79	25.09	33	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM16	24.82	25.12	33	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM16	24.89	25.19	33	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM64	23.36	23.66	33	PASS

n77(3700-3980)	30	60	663332	1@1	CP_QAM64	23.68	23.98	33	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM64	23.99	24.29	33	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM256	20.44	20.74	33	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM256	20.57	20.87	33	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM256	20.49	20.79	33	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	26.05	26.35	33	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	26.37	26.67	33	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	25.94	26.24	33	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	26.06	26.36	33	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	26.34	26.64	33	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	25.99	26.29	33	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM16	25.09	25.39	33	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM16	25.68	25.98	33	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM16	25.31	25.61	33	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM64	23.52	23.82	33	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM64	23.97	24.27	33	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM64	23.55	23.85	33	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM256	21.57	21.87	33	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM256	21.79	22.09	33	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM256	21.38	21.68	33	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	24.45	24.75	33	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	24.87	25.17	33	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	24.37	24.67	33	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM16	24.02	24.32	33	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM16	24.33	24.63	33	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM16	23.84	24.14	33	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM64	22.50	22.8	33	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM64	23.42	23.72	33	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM64	22.83	23.13	33	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM256	19.52	19.82	33	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM256	20.04	20.34	33	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM256	19.66	19.96	33	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	26.73	27.03	33	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	25.89	26.19	33	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	27.04	27.34	33	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	26.64	26.94	33	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	25.80	26.1	33	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	26.94	27.24	33	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM16	25.77	26.07	33	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM16	25.48	25.78	33	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM16	26.54	26.84	33	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM64	24.28	24.58	33	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM64	23.61	23.91	33	PASS

n77(3700-3980)	30	80	656000	1@215	DFT_QAM64	24.70	25	33	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM256	22.30	22.6	33	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM256	21.23	21.53	33	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM256	22.32	22.62	33	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	25.21	25.51	33	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	24.21	24.51	33	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	25.39	25.69	33	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM16	24.65	24.95	33	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM16	23.95	24.25	33	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM16	25.10	25.4	33	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM64	23.22	23.52	33	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM64	22.78	23.08	33	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM64	23.67	23.97	33	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM256	20.34	20.64	33	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM256	19.65	19.95	33	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM256	20.81	21.11	33	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	26.80	27.1	33	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	26.82	27.12	33	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	26.77	27.07	33	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	26.71	27.01	33	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	26.57	26.87	33	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	26.71	27.01	33	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM16	25.76	26.06	33	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM16	25.96	26.26	33	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM16	26.36	26.66	33	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM64	24.32	24.62	33	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM64	24.48	24.78	33	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM64	24.55	24.85	33	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM256	22.38	22.68	33	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM256	22.27	22.57	33	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM256	22.54	22.84	33	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	25.23	25.53	33	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	25.08	25.38	33	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QPSK	25.11	25.41	33	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM16	24.82	25.12	33	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM16	24.80	25.1	33	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM16	24.92	25.22	33	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM64	23.33	23.63	33	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM64	23.69	23.99	33	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM64	23.71	24.01	33	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM256	20.37	20.67	33	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM256	20.41	20.71	33	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM256	20.43	20.73	33	PASS

n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	25.96	26.26	33	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	26.40	26.7	33	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	25.95	26.25	33	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	26.01	26.31	33	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	26.21	26.51	33	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	25.79	26.09	33	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM16	25.03	25.33	33	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM16	25.99	26.29	33	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM16	25.47	25.77	33	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM64	23.51	23.81	33	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM64	24.10	24.4	33	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM64	23.63	23.93	33	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM256	21.55	21.85	33	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM256	21.62	21.92	33	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM256	21.62	21.92	33	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	24.48	24.78	33	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	24.83	25.13	33	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	24.40	24.7	33	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM16	23.93	24.23	33	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM16	24.41	24.71	33	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM16	24.01	24.31	33	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM64	22.43	22.73	33	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM64	22.94	23.24	33	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM64	22.49	22.79	33	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM256	19.57	19.87	33	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM256	19.87	20.17	33	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM256	19.66	19.96	33	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	26.73	27.03	33	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	25.78	26.08	33	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	27.15	27.45	33	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	26.64	26.94	33	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	25.69	25.99	33	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	27.00	27.3	33	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM16	25.74	26.04	33	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM16	25.35	25.65	33	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM16	26.32	26.62	33	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM64	24.17	24.47	33	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM64	23.47	23.77	33	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM64	24.81	25.11	33	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM256	22.31	22.61	33	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM256	21.50	21.8	33	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM256	22.80	23.1	33	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	25.15	25.45	33	PASS

n77(3700-3980)	30	90	656000	1@1	CP_QPSK	24.15	24.45	33	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	25.49	25.79	33	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM16	24.71	25.01	33	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM16	23.84	24.14	33	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM16	25.09	25.39	33	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM64	23.23	23.53	33	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM64	22.40	22.7	33	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM64	23.76	24.06	33	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM256	20.31	20.61	33	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM256	19.29	19.59	33	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM256	20.63	20.93	33	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	26.79	27.09	33	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	27.00	27.3	33	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	26.83	27.13	33	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	26.78	27.08	33	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	26.81	27.11	33	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	26.73	27.03	33	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM16	25.82	26.12	33	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM16	26.53	26.83	33	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM16	26.38	26.68	33	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM64	24.26	24.56	33	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM64	24.57	24.87	33	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM64	24.48	24.78	33	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM256	22.30	22.6	33	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM256	22.35	22.65	33	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM256	22.55	22.85	33	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	25.22	25.52	33	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	25.46	25.76	33	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	25.26	25.56	33	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM16	24.79	25.09	33	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM16	25.18	25.48	33	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM16	25.01	25.31	33	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM64	23.21	23.51	33	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM64	23.84	24.14	33	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM64	23.56	23.86	33	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM256	20.38	20.68	33	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM256	20.76	21.06	33	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM256	20.55	20.85	33	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	25.92	26.22	33	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	26.40	26.7	33	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	26.02	26.32	33	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	26.00	26.3	33	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	26.21	26.51	33	PASS

n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	25.90	26.2	33	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM16	24.90	25.2	33	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM16	25.92	26.22	33	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM16	25.32	25.62	33	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM64	23.46	23.76	33	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM64	24.07	24.37	33	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM64	23.77	24.07	33	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM256	21.54	21.84	33	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM256	21.99	22.29	33	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM256	21.31	21.61	33	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	24.38	24.68	33	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	24.69	24.99	33	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	24.46	24.76	33	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM16	23.94	24.24	33	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM16	24.34	24.64	33	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM16	24.05	24.35	33	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM64	22.49	22.79	33	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM64	22.90	23.2	33	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM64	22.85	23.15	33	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM256	19.49	19.79	33	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM256	20.06	20.36	33	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM256	19.74	20.04	33	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	26.69	26.99	33	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	25.79	26.09	33	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	27.05	27.35	33	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	26.70	27	33	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	25.57	25.87	33	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	26.95	27.25	33	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM16	25.69	25.99	33	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM16	25.33	25.63	33	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM16	26.55	26.85	33	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM64	24.25	24.55	33	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM64	23.46	23.76	33	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM64	24.67	24.97	33	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM256	22.25	22.55	33	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM256	21.14	21.44	33	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM256	22.78	23.08	33	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	25.20	25.5	33	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	24.18	24.48	33	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	25.41	25.71	33	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM16	24.67	24.97	33	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM16	23.69	23.99	33	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM16	24.98	25.28	33	PASS

n77(3700-3980)	30	100	656000	137@68	CP_QAM64	23.19	23.49	33	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM64	22.75	23.05	33	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM64	23.99	24.29	33	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM256	20.27	20.57	33	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM256	19.38	19.68	33	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM256	20.67	20.97	33	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	26.67	26.97	33	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	27.06	27.36	33	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	26.81	27.11	33	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	26.67	26.97	33	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	26.89	27.19	33	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	26.63	26.93	33	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM16	25.71	26.01	33	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM16	26.52	26.82	33	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM16	26.01	26.31	33	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM64	24.29	24.59	33	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM64	24.58	24.88	33	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM64	24.39	24.69	33	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM256	22.32	22.62	33	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM256	22.63	22.93	33	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM256	22.10	22.4	33	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	25.16	25.46	33	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QPSK	25.30	25.6	33	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	25.23	25.53	33	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM16	24.75	25.05	33	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM16	25.09	25.39	33	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM16	24.97	25.27	33	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM64	23.31	23.61	33	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM64	23.82	24.12	33	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM64	23.66	23.96	33	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM256	20.31	20.61	33	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM256	20.55	20.85	33	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM256	20.31	20.61	33	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)	30	100	656000	135@67	DFT_BPSK	3.87	-14.45	0.00	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	3.50	-17.75	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	4.45	-29.96	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	3.87	-28.54	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	3.50	-16.40	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	4.45	-17.16	0.00		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)	30	100	656000	135@67	DFT_BPSK	-30	-25.81	-0.01	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	-20	-25.65	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	-10	-23.42	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	0	-21.51	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	10	-23.91	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	20	-22.93	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	30	-24.33	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	40	-24.33	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	50	-23.52	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-30	-24.24	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-20	-19.92	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-10	-22.32	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	0	-23.66	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	10	-21.68	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	20	-22.72	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	30	-21.97	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	40	-24.18	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	50	-26.03	-0.01		PASS

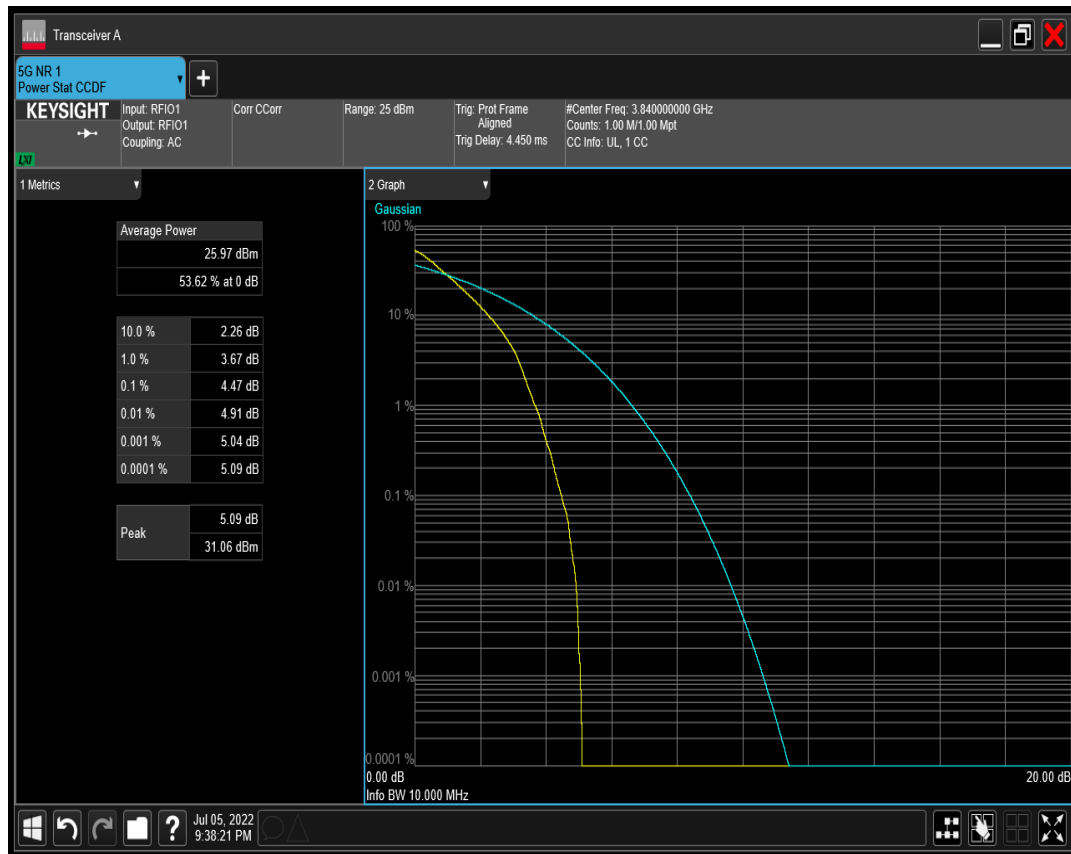
Note: Only the worst case shown in the report.

3 Peak-to-Average Ratio for NR FR1

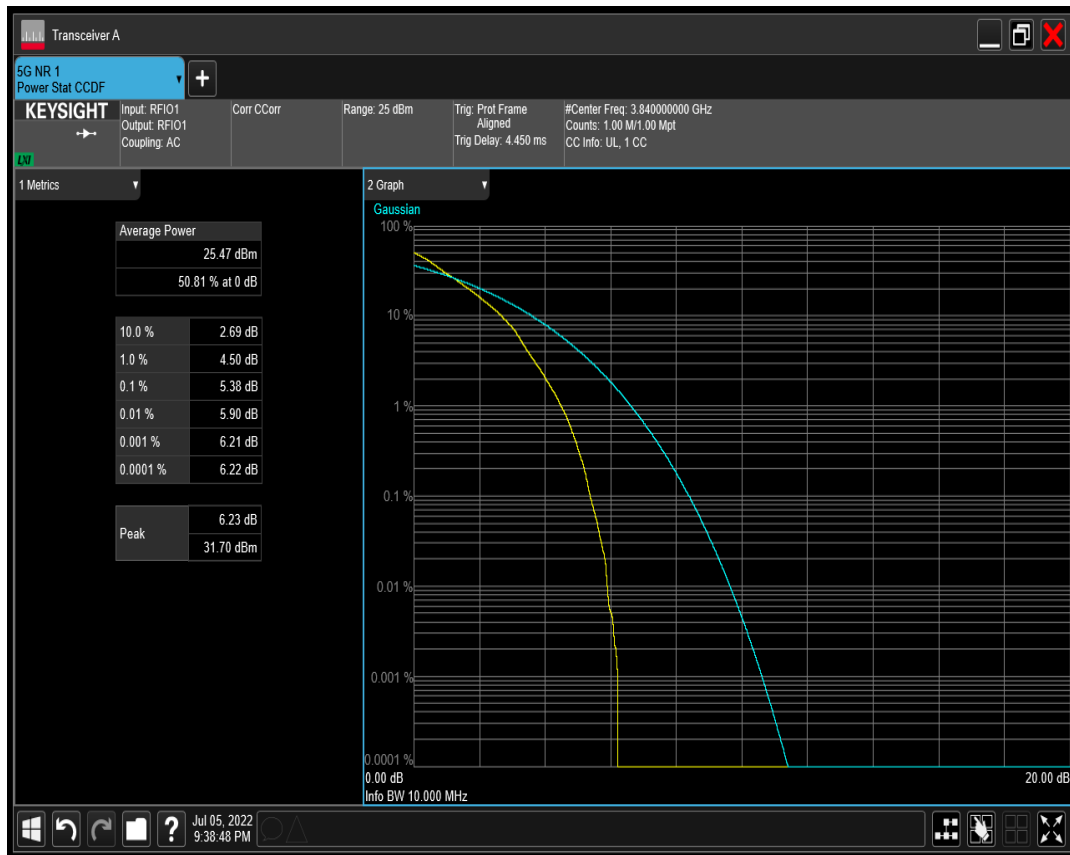
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	4.47	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	5.38	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	6.24	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	6.59	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	7.01	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	4.53	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	5.51	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	6.34	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	6.51	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	6.98	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	4.58	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	5.57	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	6.26	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	6.65	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	6.98	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_BPSK	4.52	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	5.42	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM16	6.24	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM64	6.52	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM256	6.95	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	4.59	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	5.57	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	6.29	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	6.60	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	6.79	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	4.81	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	5.64	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	6.40	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	6.62	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	6.92	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	4.52	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	5.48	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	6.23	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	6.52	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	6.87	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	5.10	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	5.61	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM16	6.36	13	PASS

n77(3700-3980)	30	80	656000	216@0	DFT_QAM64	6.60	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM256	6.95	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_BPSK	4.85	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QPSK	5.60	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM16	6.41	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM64	6.58	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM256	6.90	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	5.26	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	5.66	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM16	6.42	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM64	6.66	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM256	6.96	13	PASS

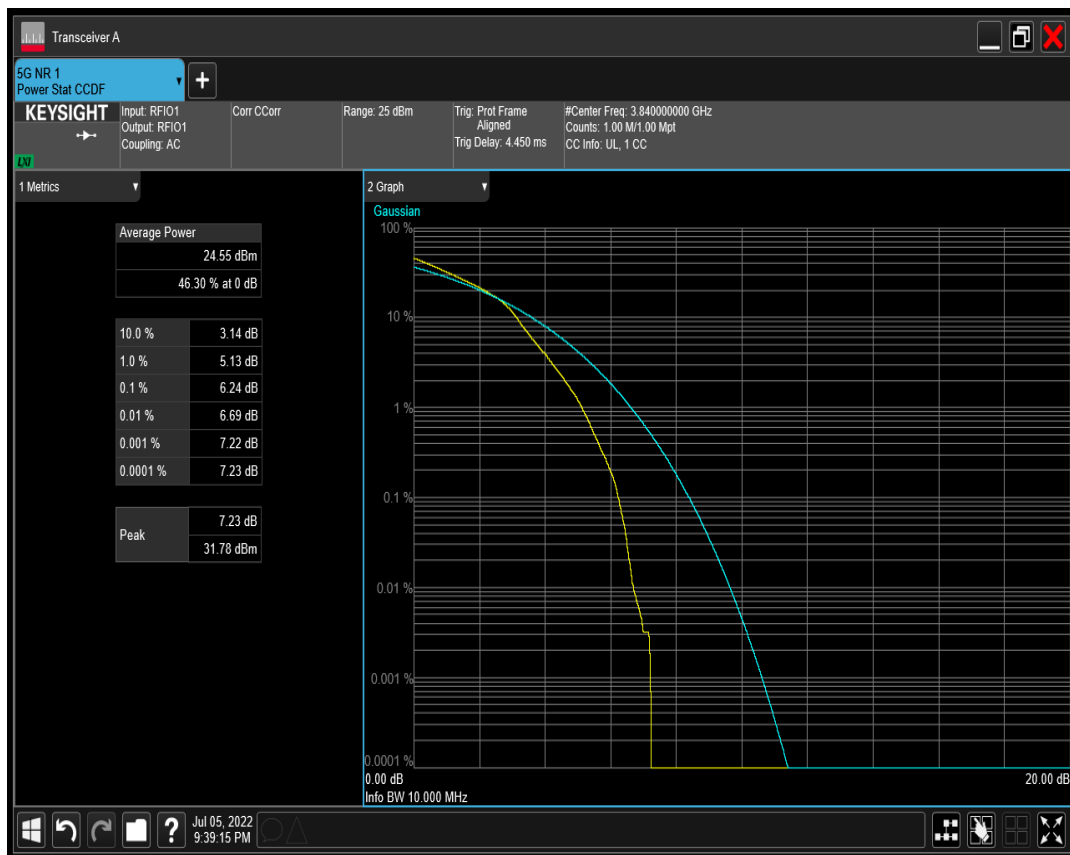
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz Channel=656000 RB=24@0



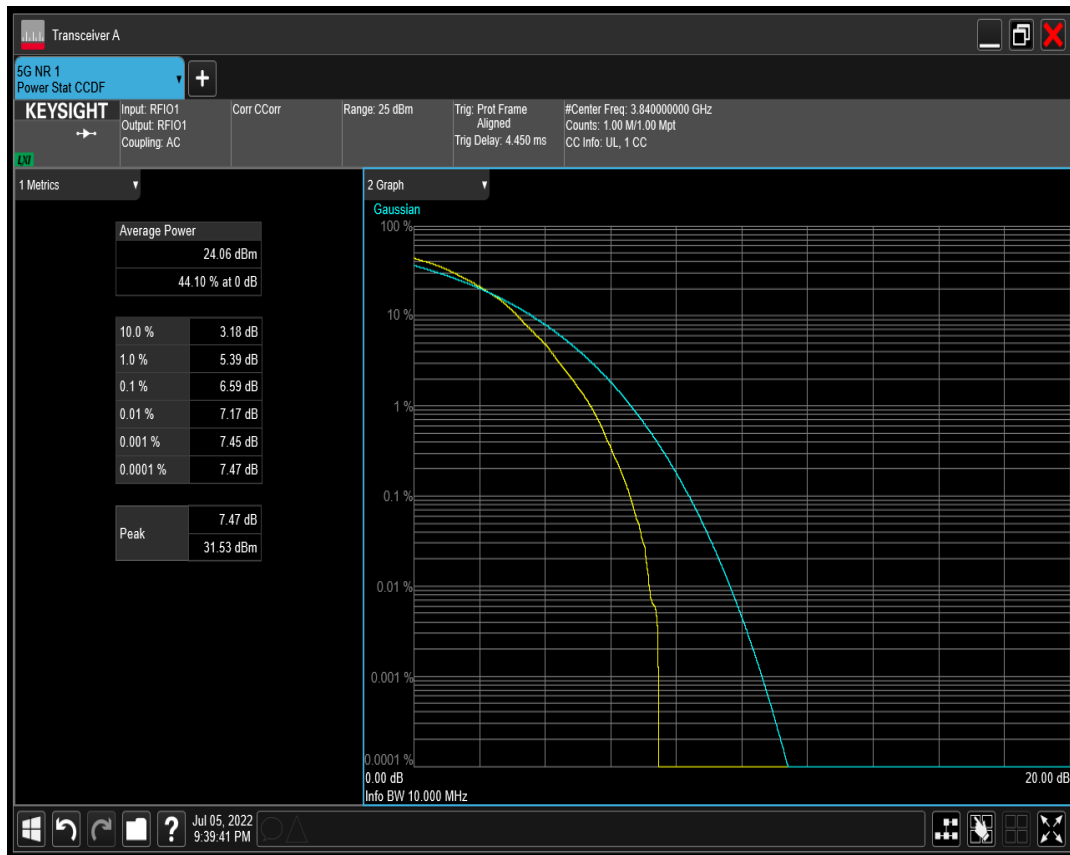
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=656000 RB=24@0



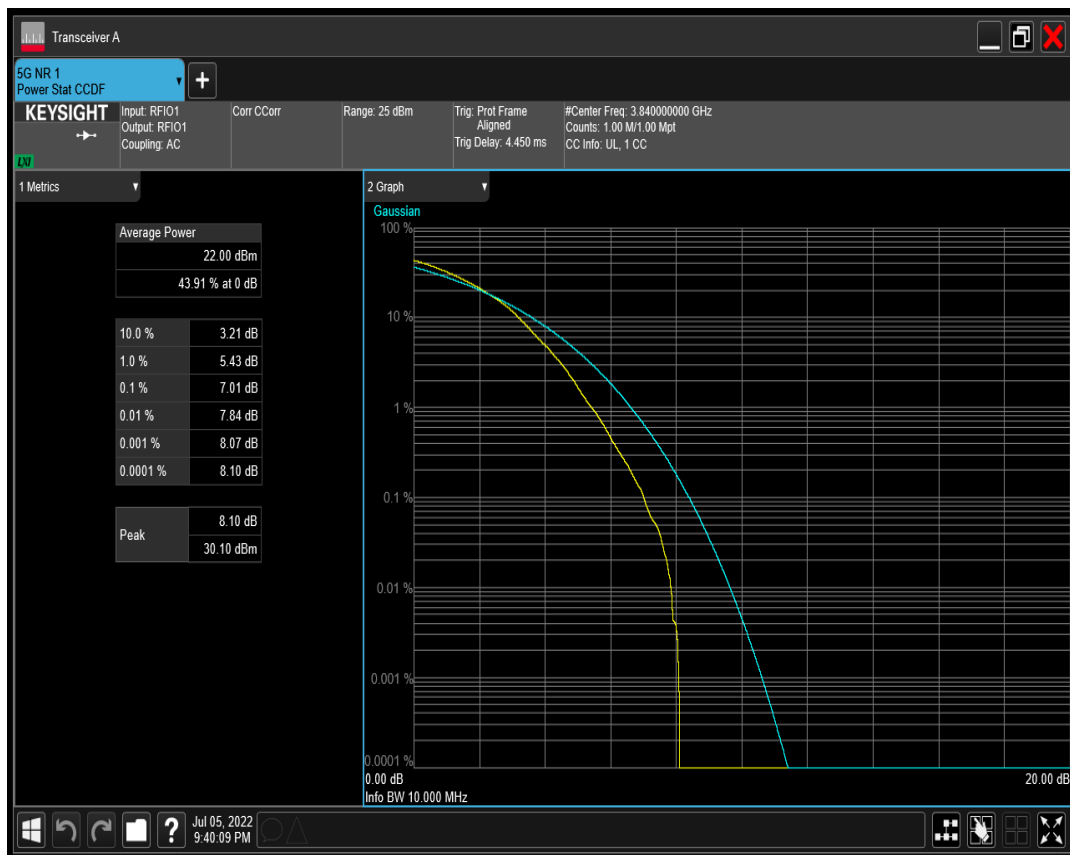
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=10MHz Channel=656000 RB=24@0



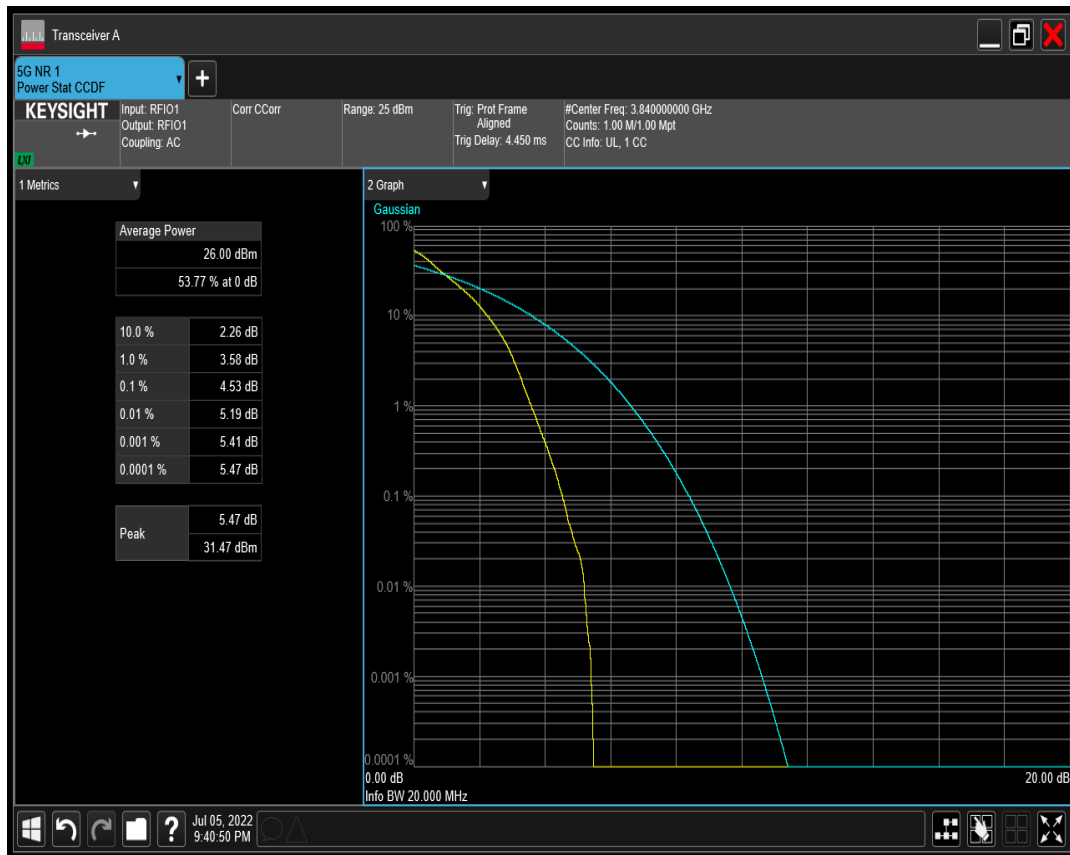
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=10MHz Channel=656000 RB=24@0



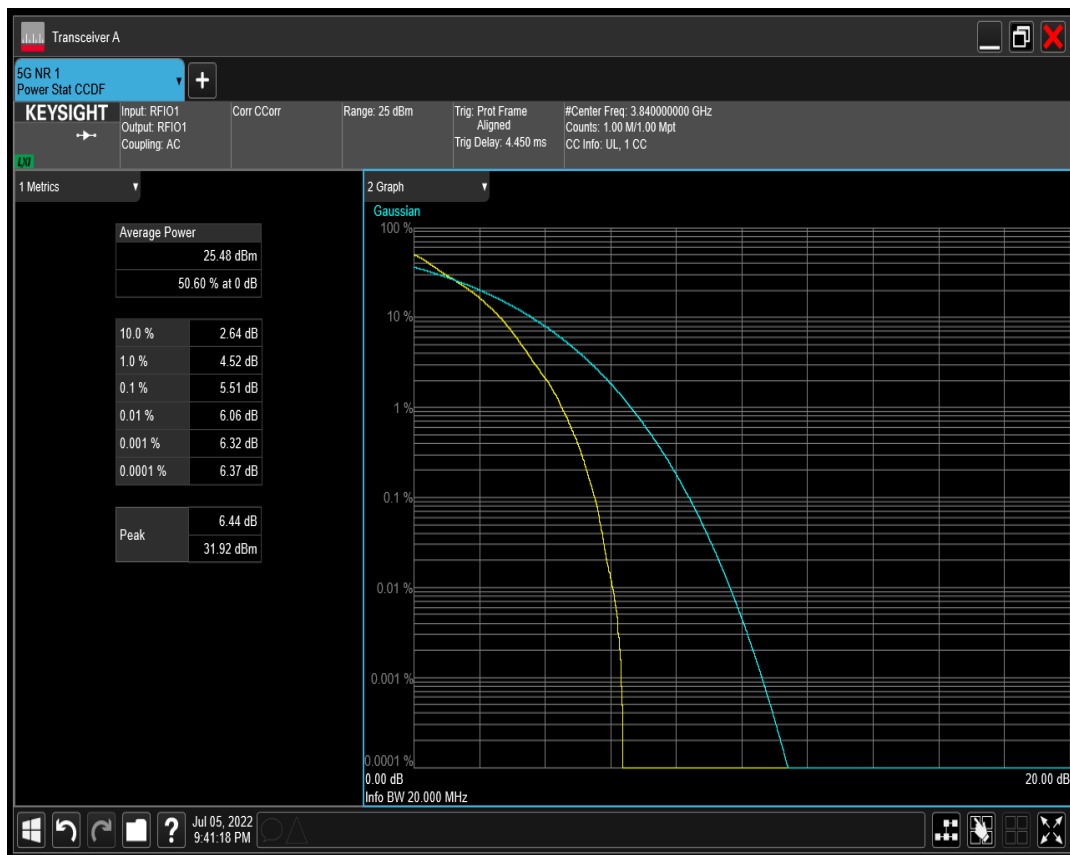
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=656000 RB=24@0



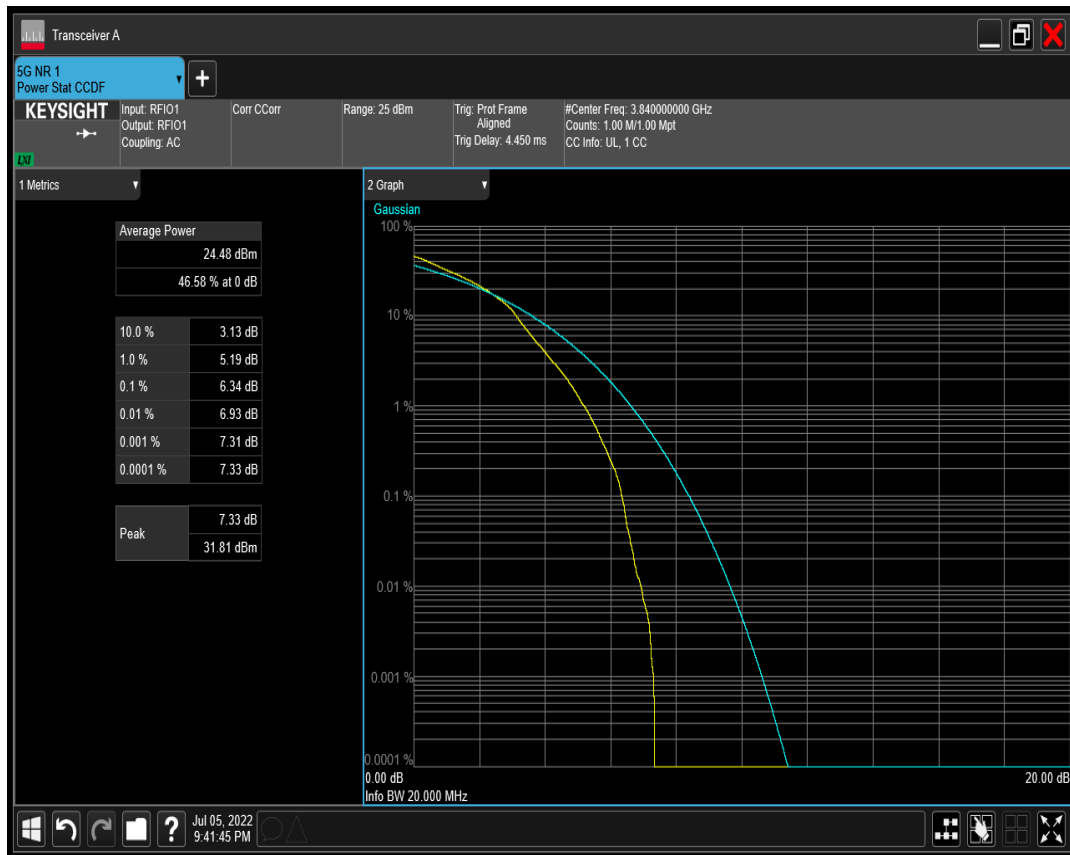
n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz Channel=656000 RB=36@0



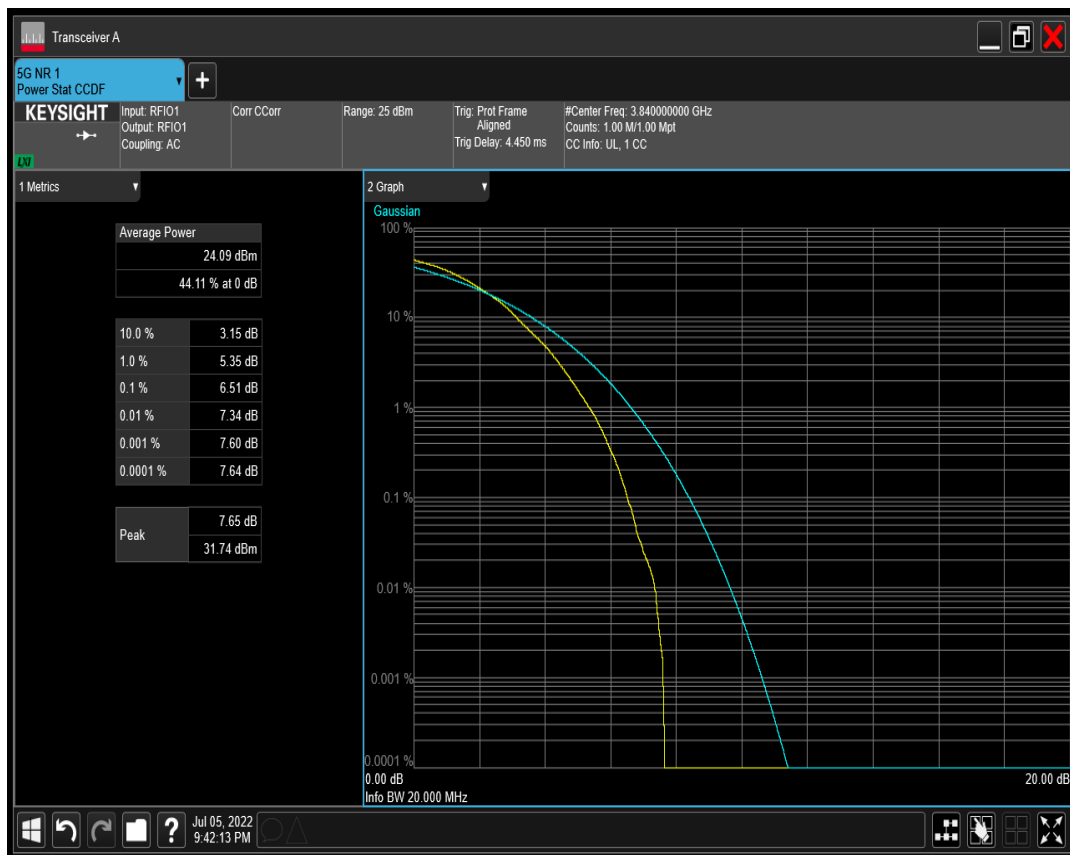
n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=656000 RB=36@0



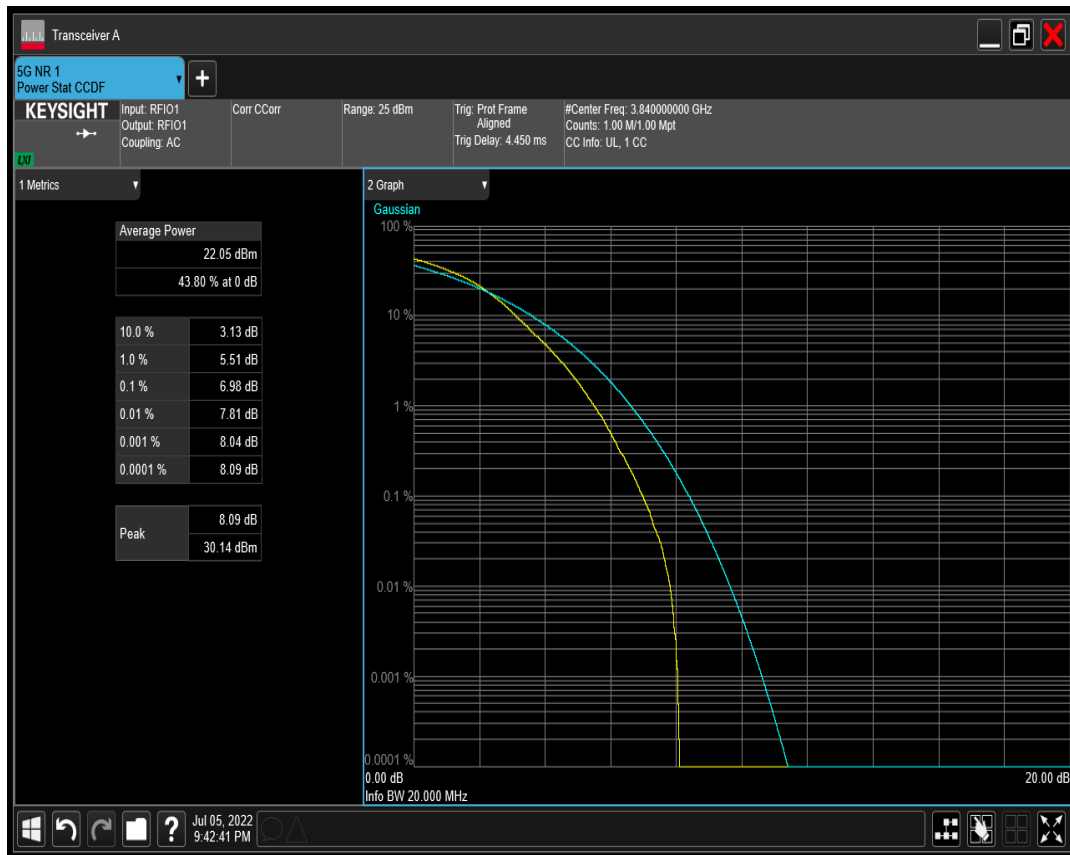
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=656000 RB=36@0



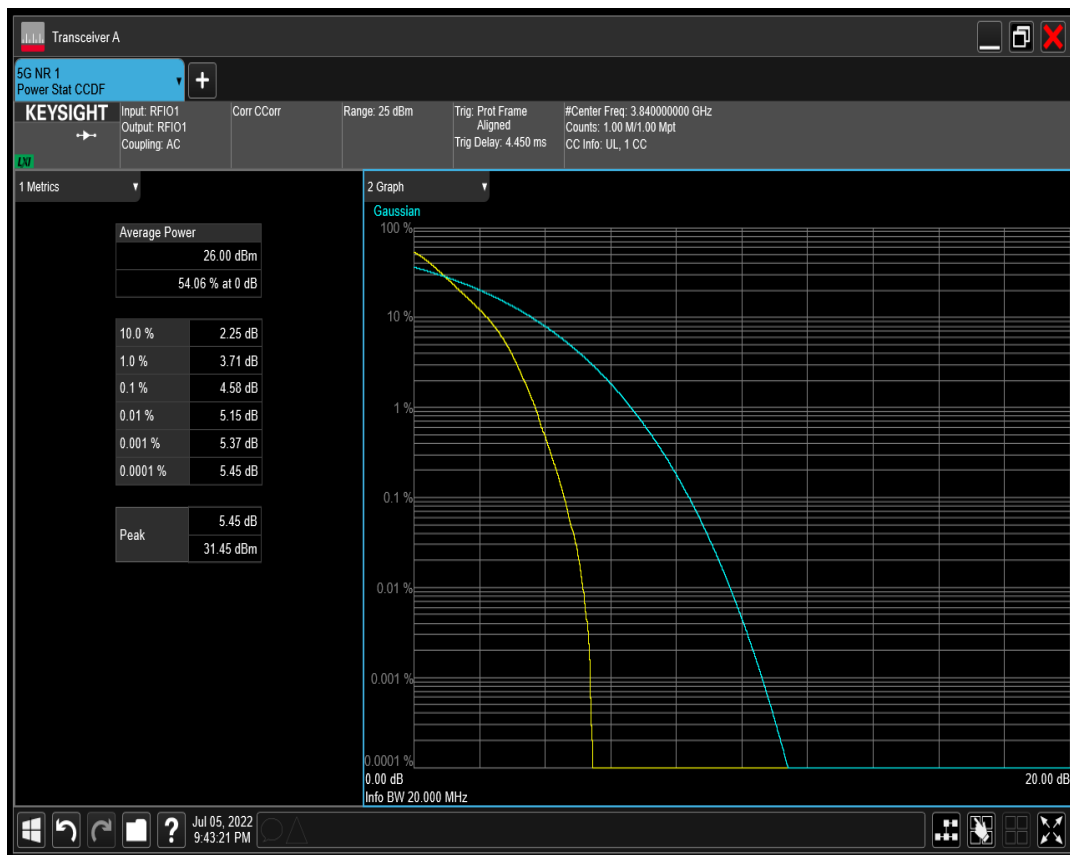
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=656000 RB=36@0



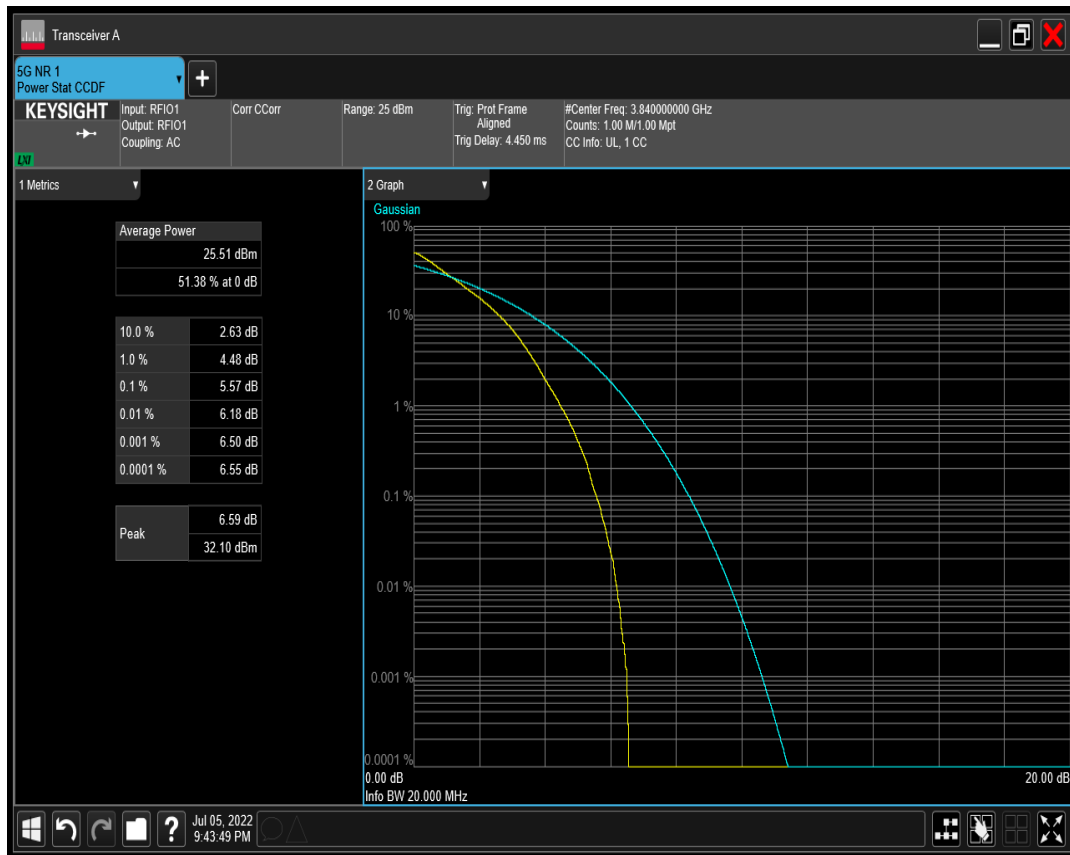
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=15MHz Channel=656000 RB=36@0



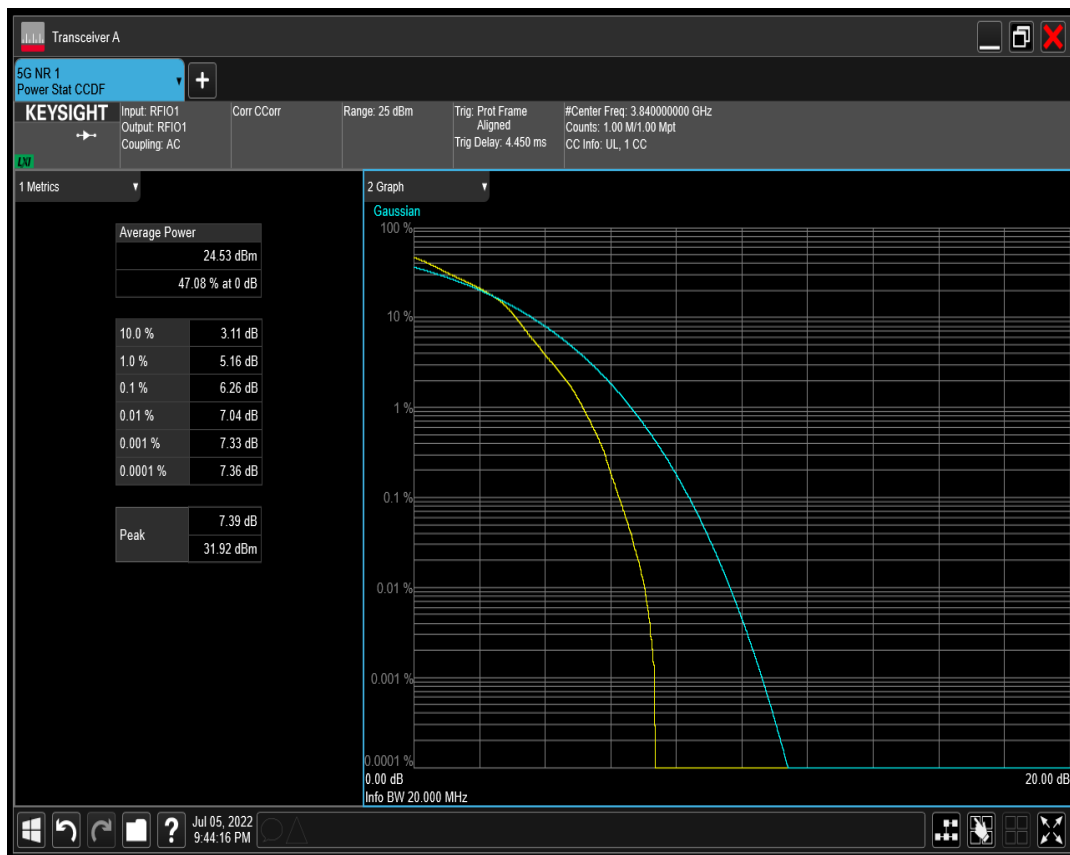
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz Channel=656000 RB=50@0



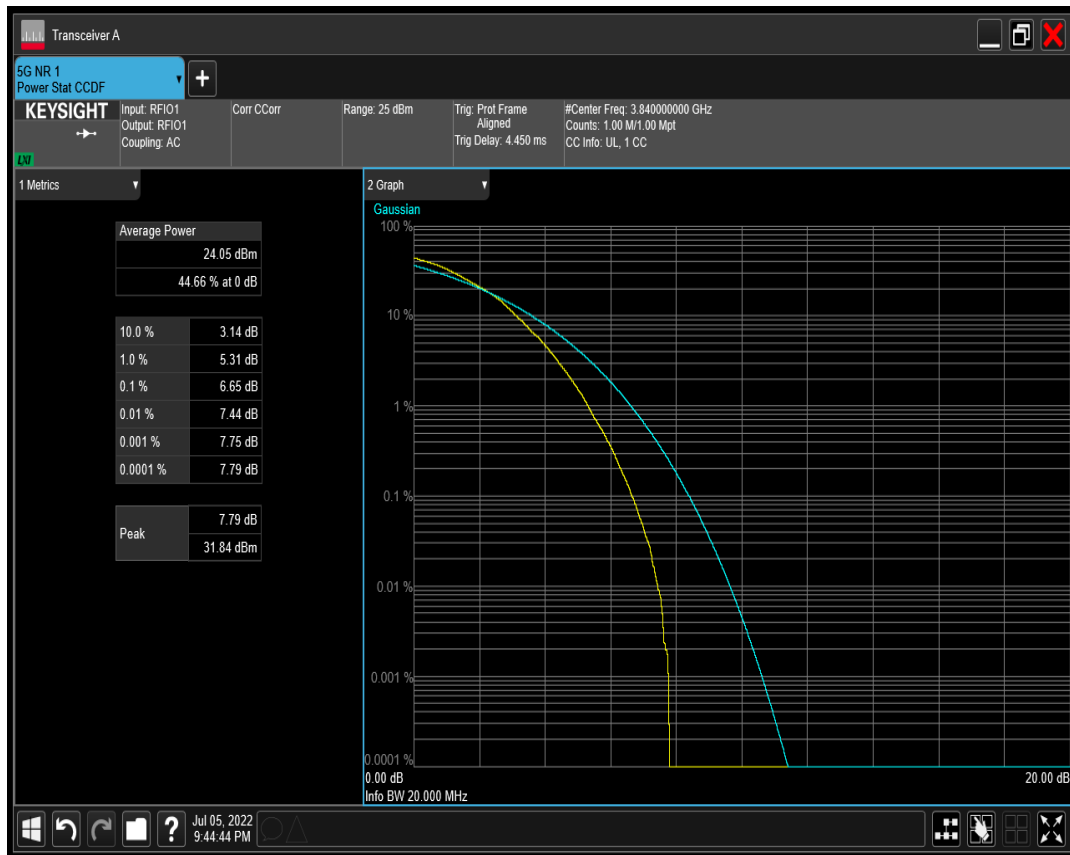
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=656000 RB=50@0



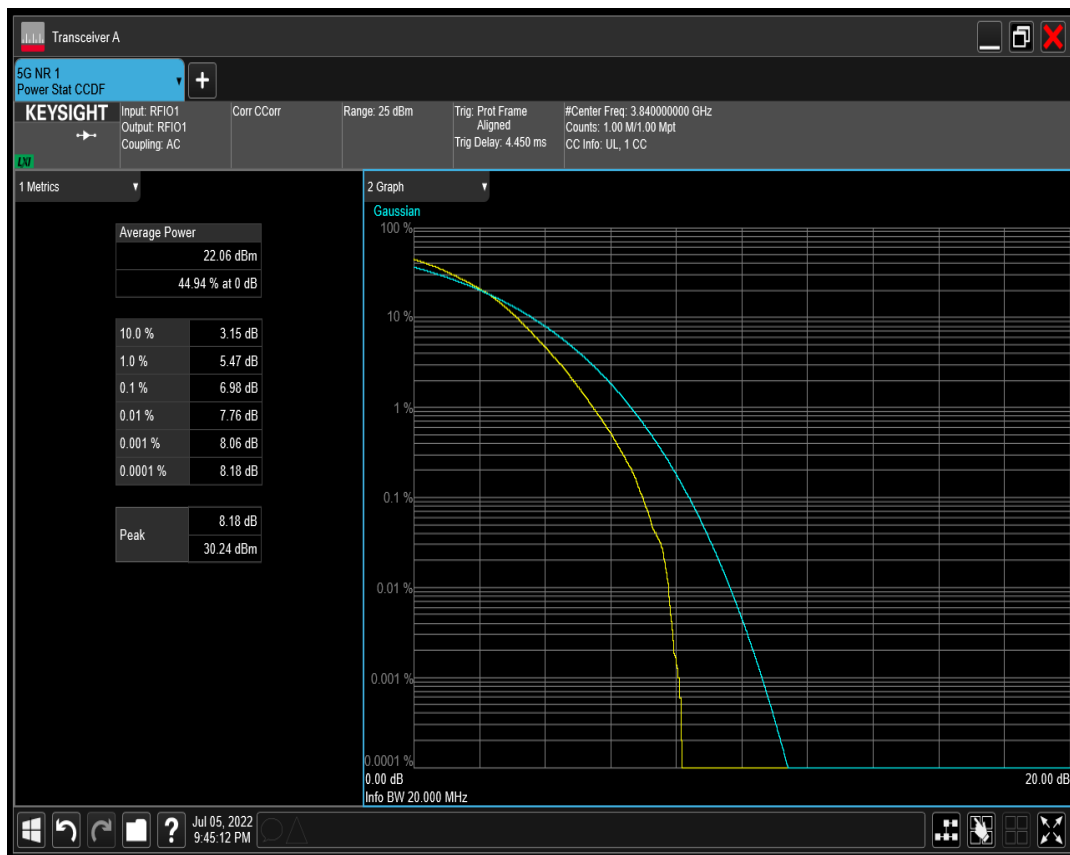
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=20MHz Channel=656000 RB=50@0



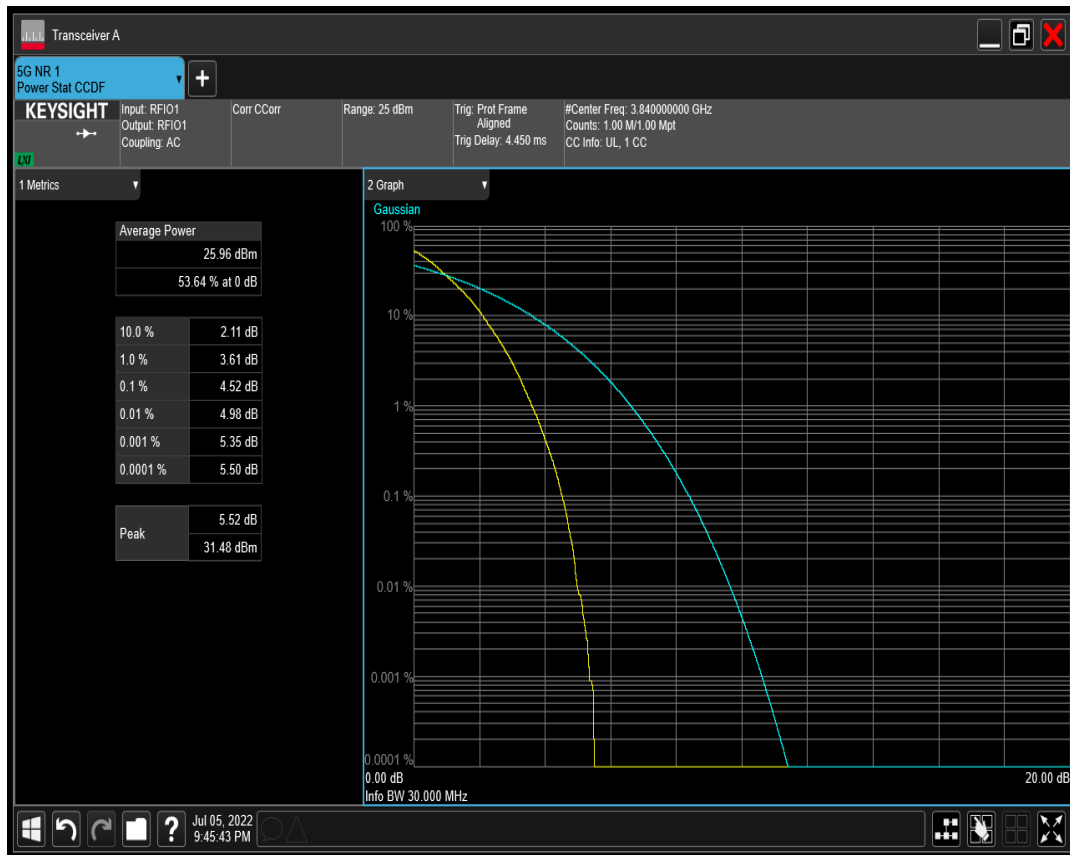
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=20MHz Channel=656000 RB=50@0



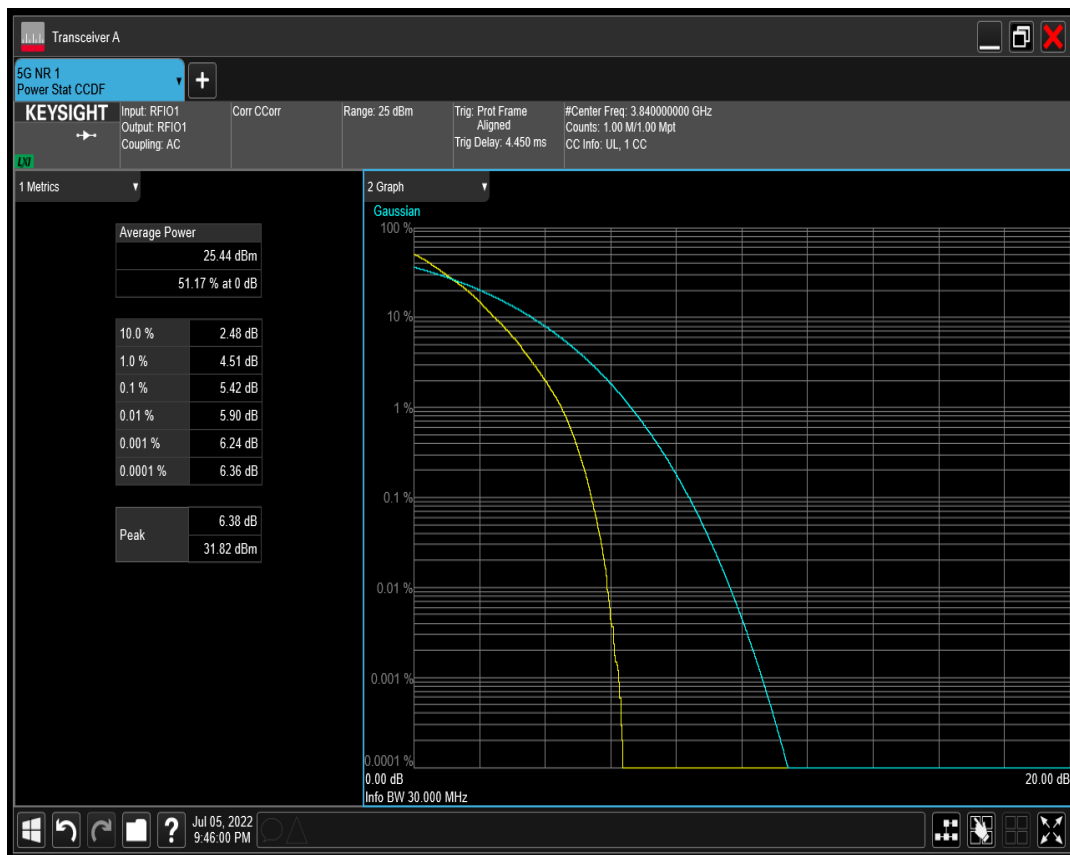
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=20MHz Channel=656000 RB=50@0



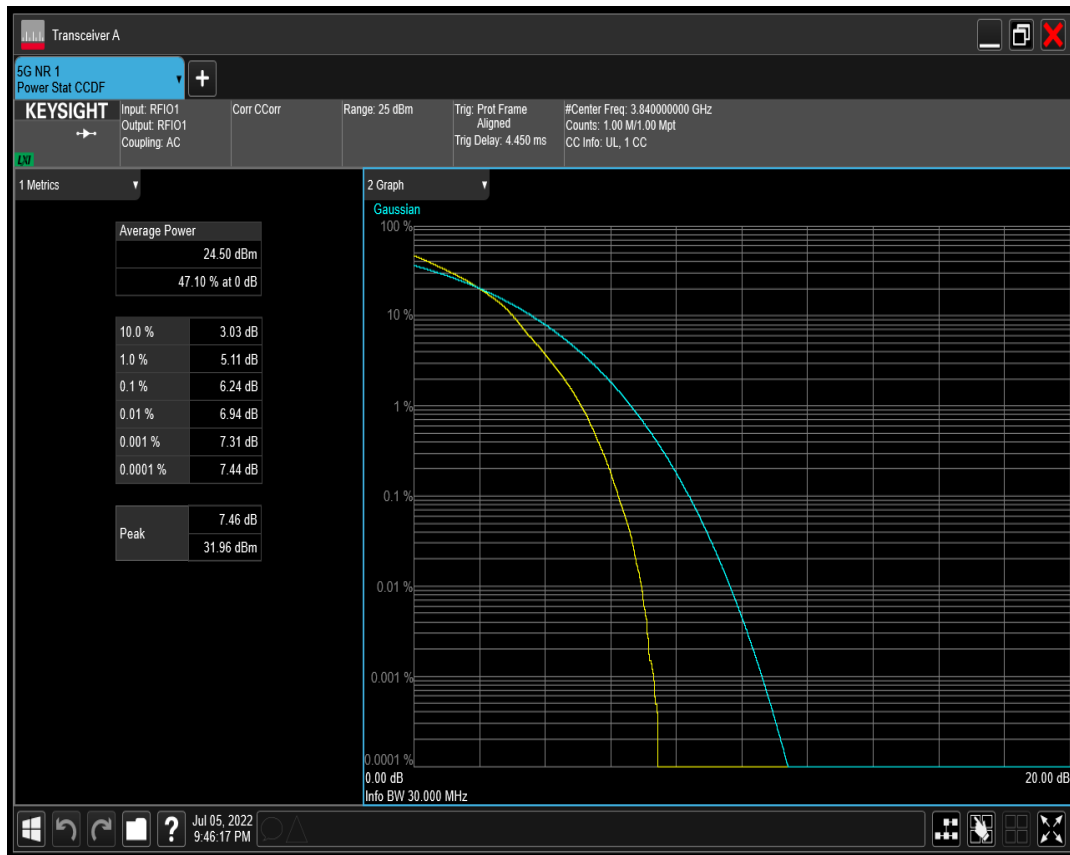
n77(3700-3980) SCS=30kHz DFT_BPSK BW=30MHz Channel=656000 RB=75@0



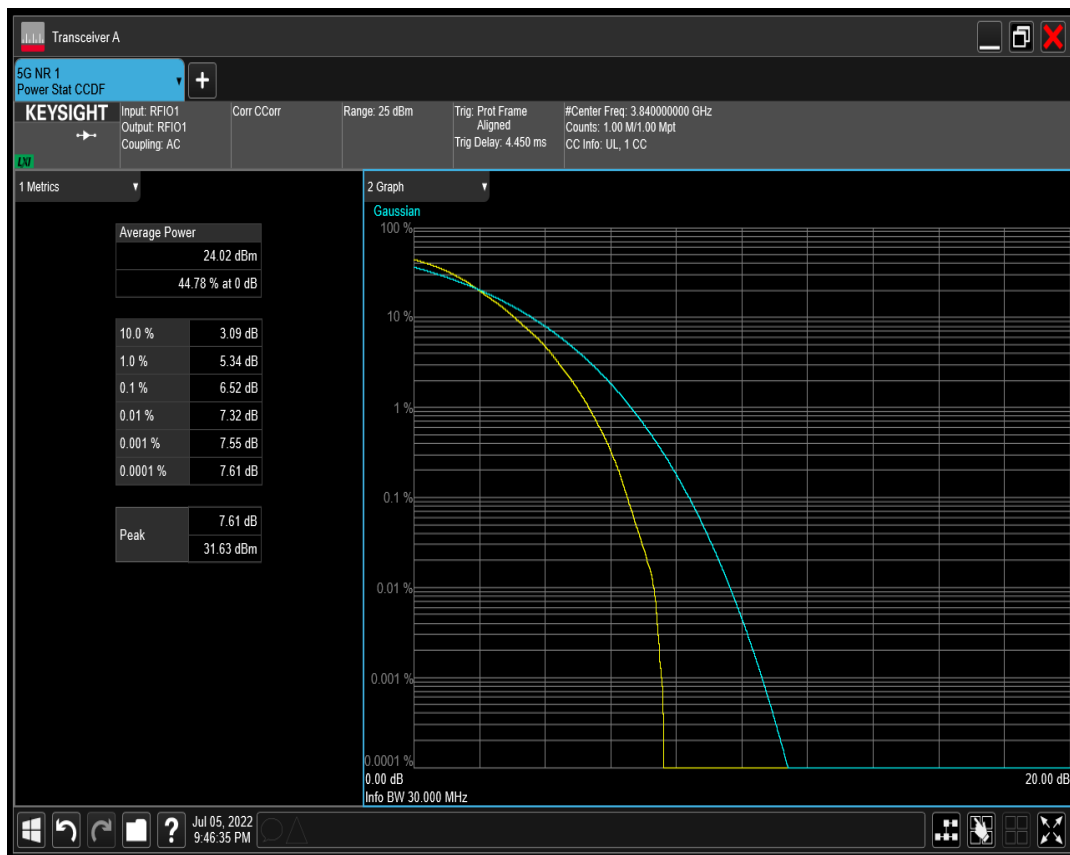
n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=656000 RB=75@0



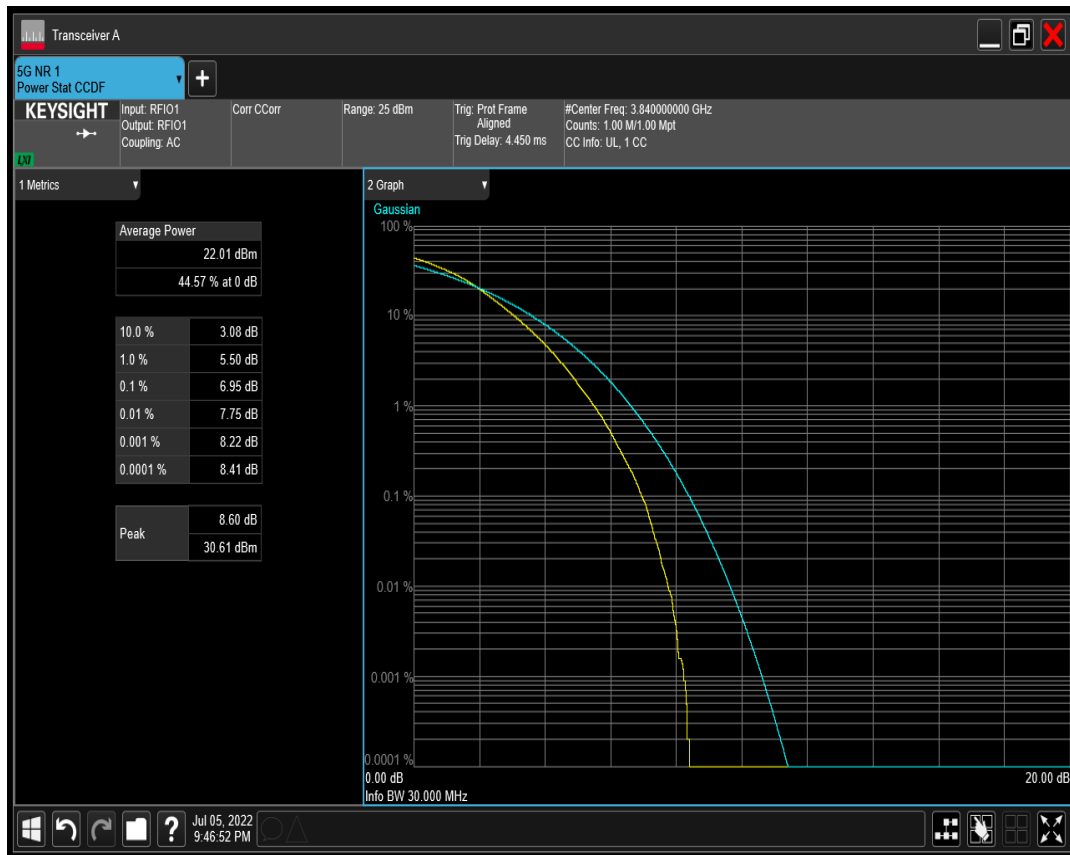
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=30MHz Channel=656000 RB=75@0



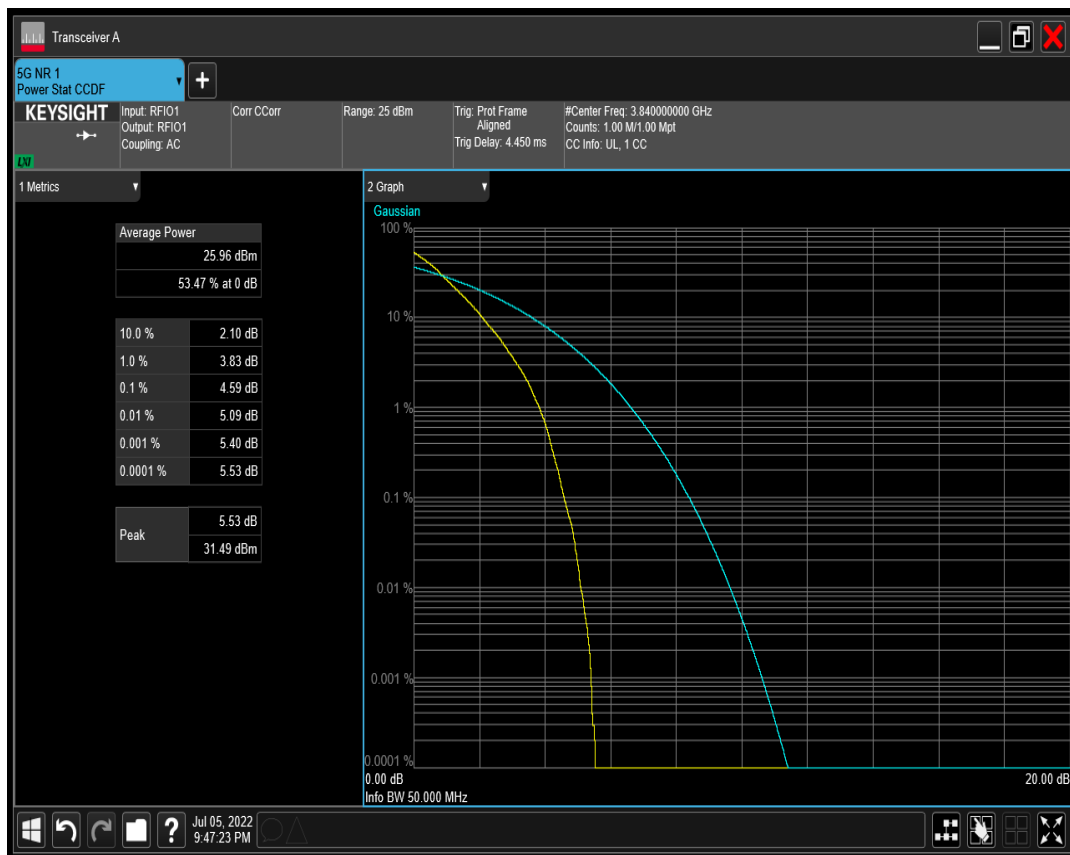
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=30MHz Channel=656000 RB=75@0



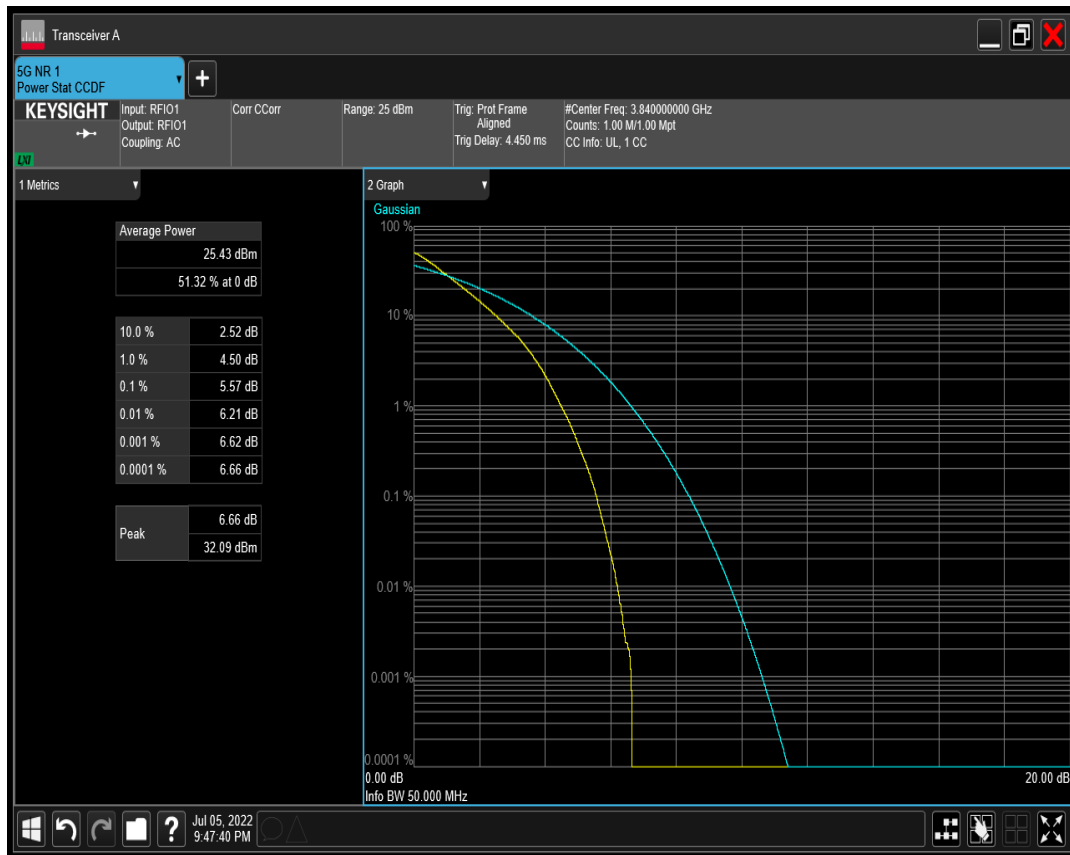
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=30MHz Channel=656000 RB=75@0



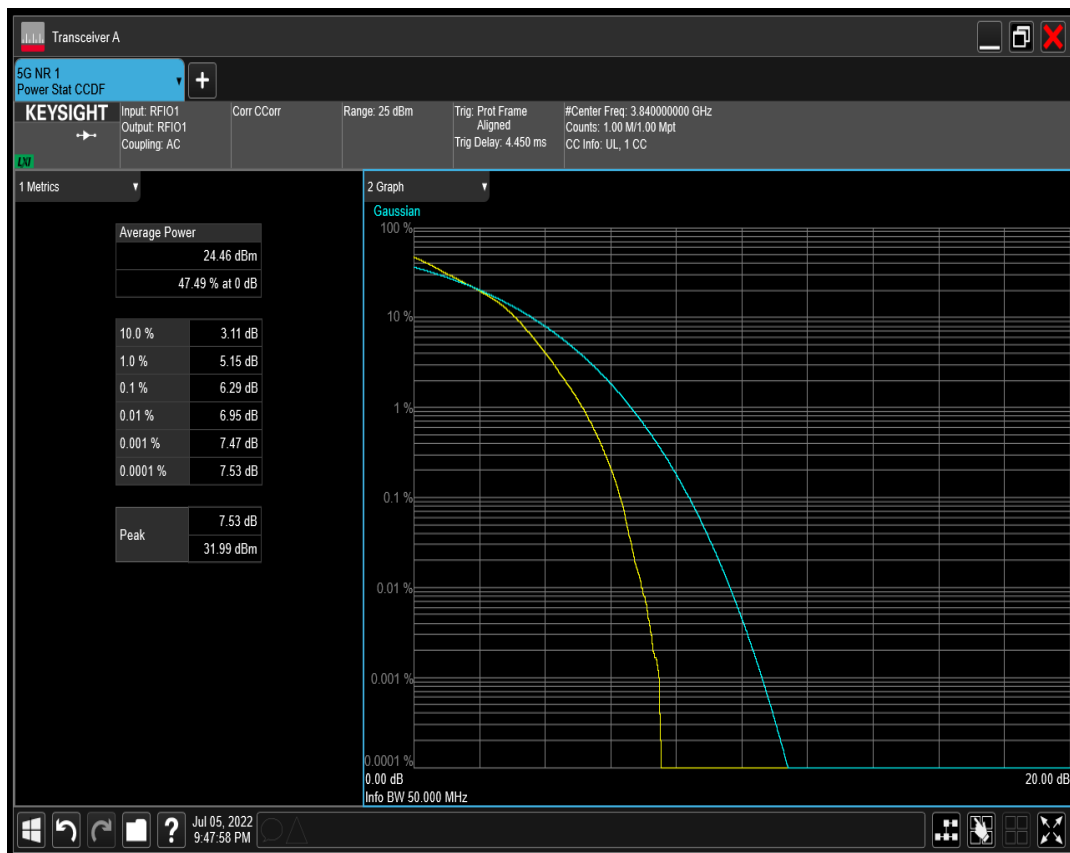
n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz Channel=656000 RB=100@0



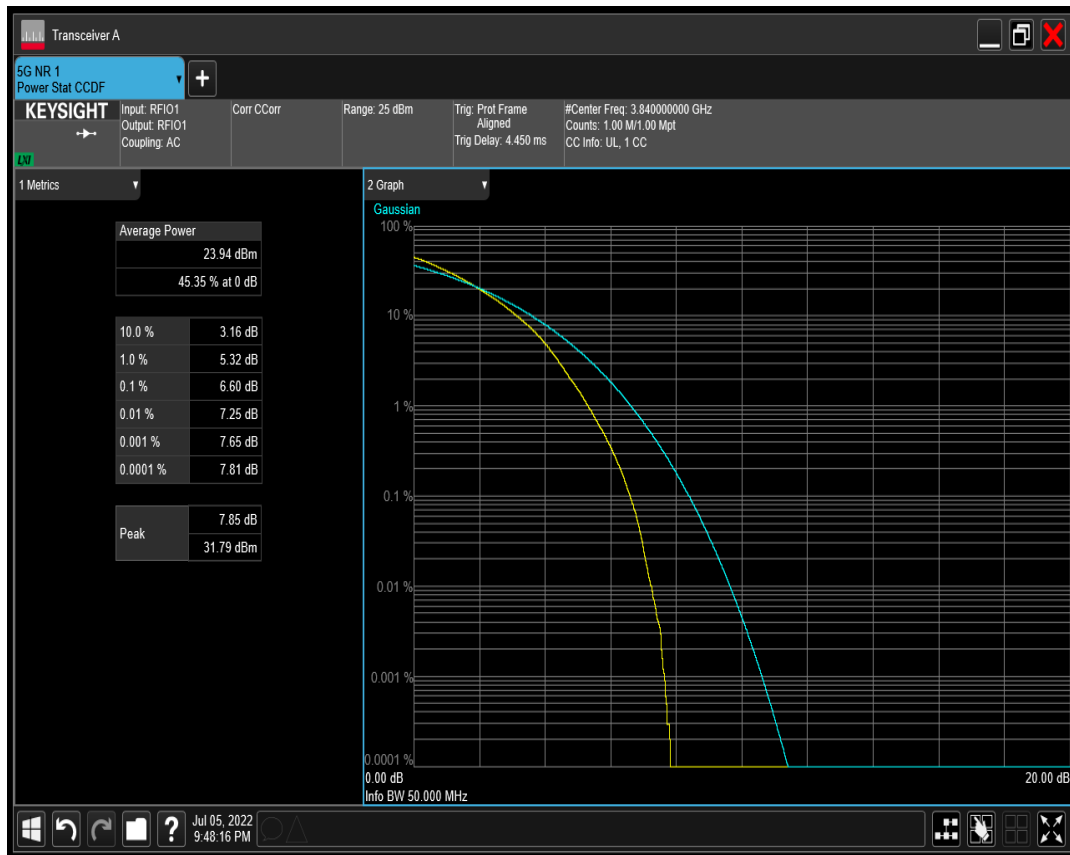
n77(3700-3980) SCS=30kHz DFT_QPSK BW=40MHz Channel=656000 RB=100@0



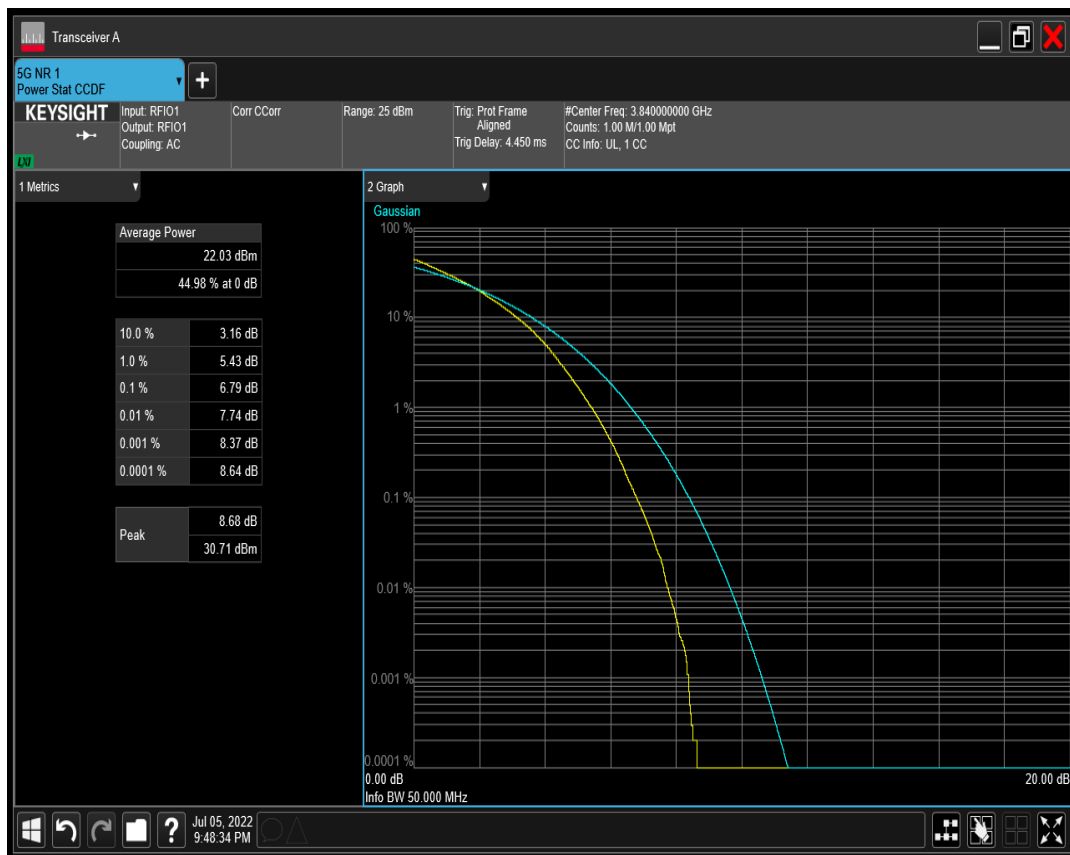
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=40MHz Channel=656000 RB=100@0



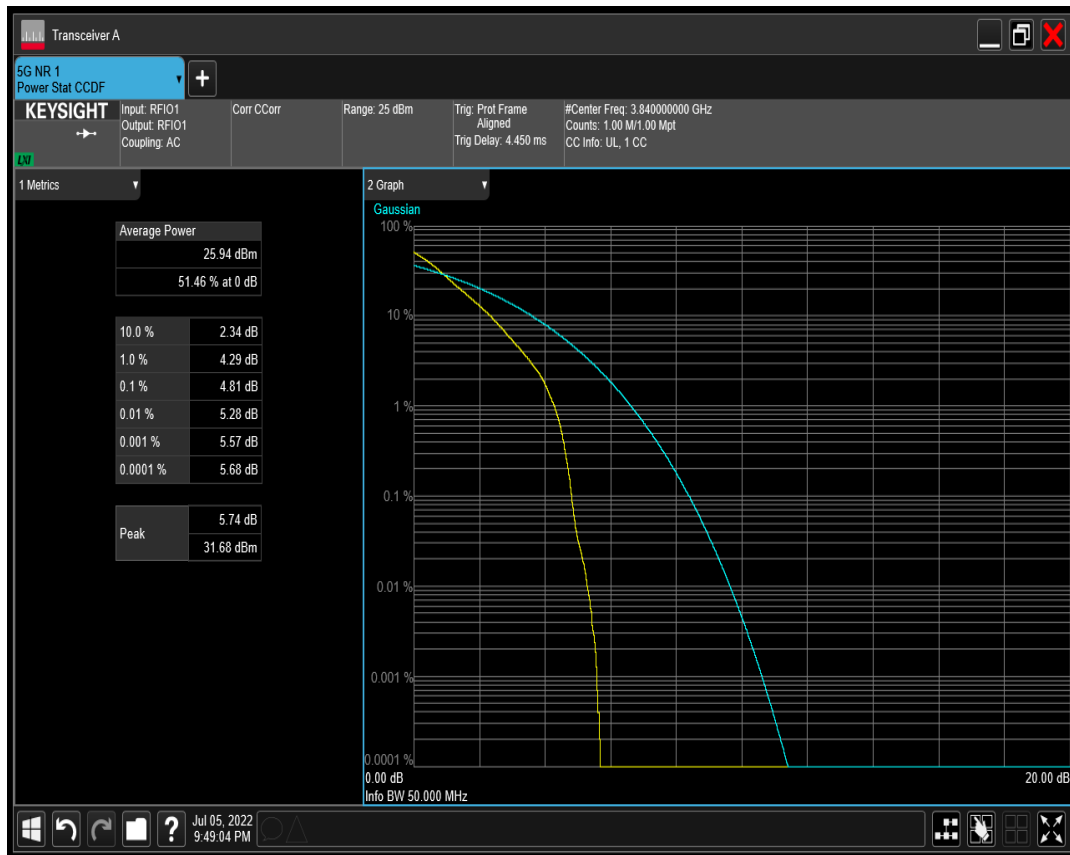
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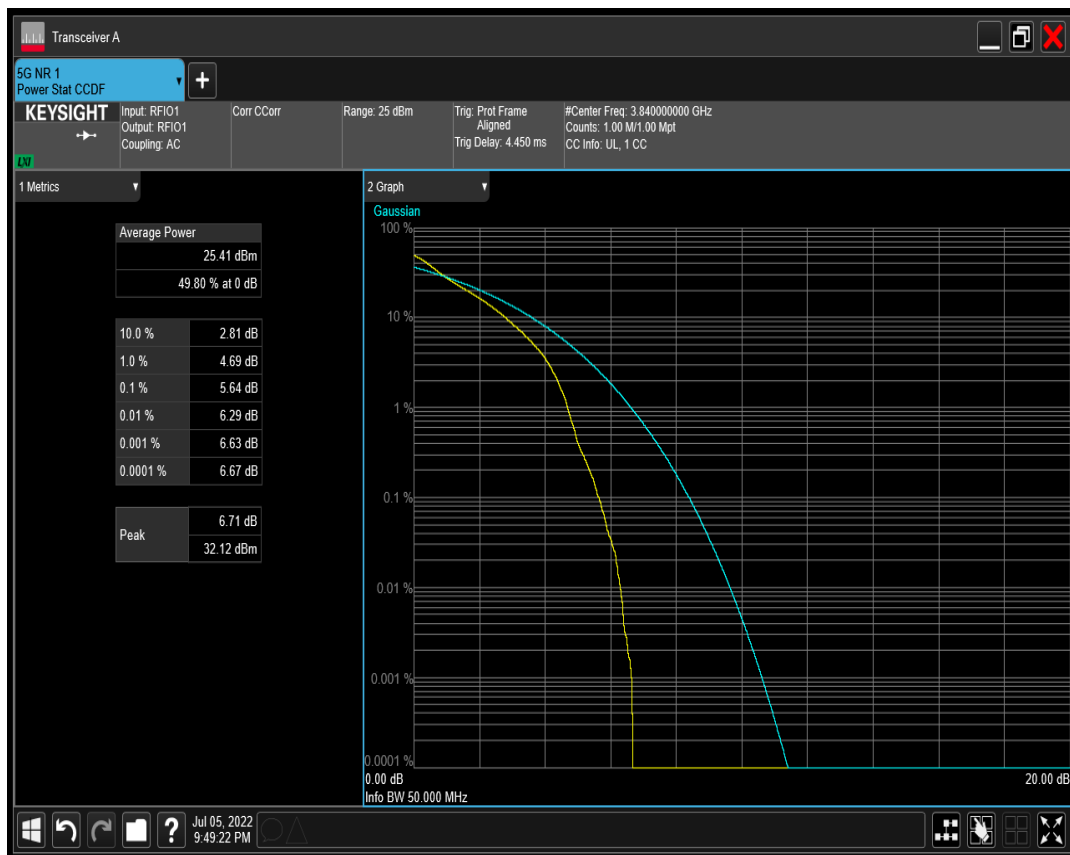
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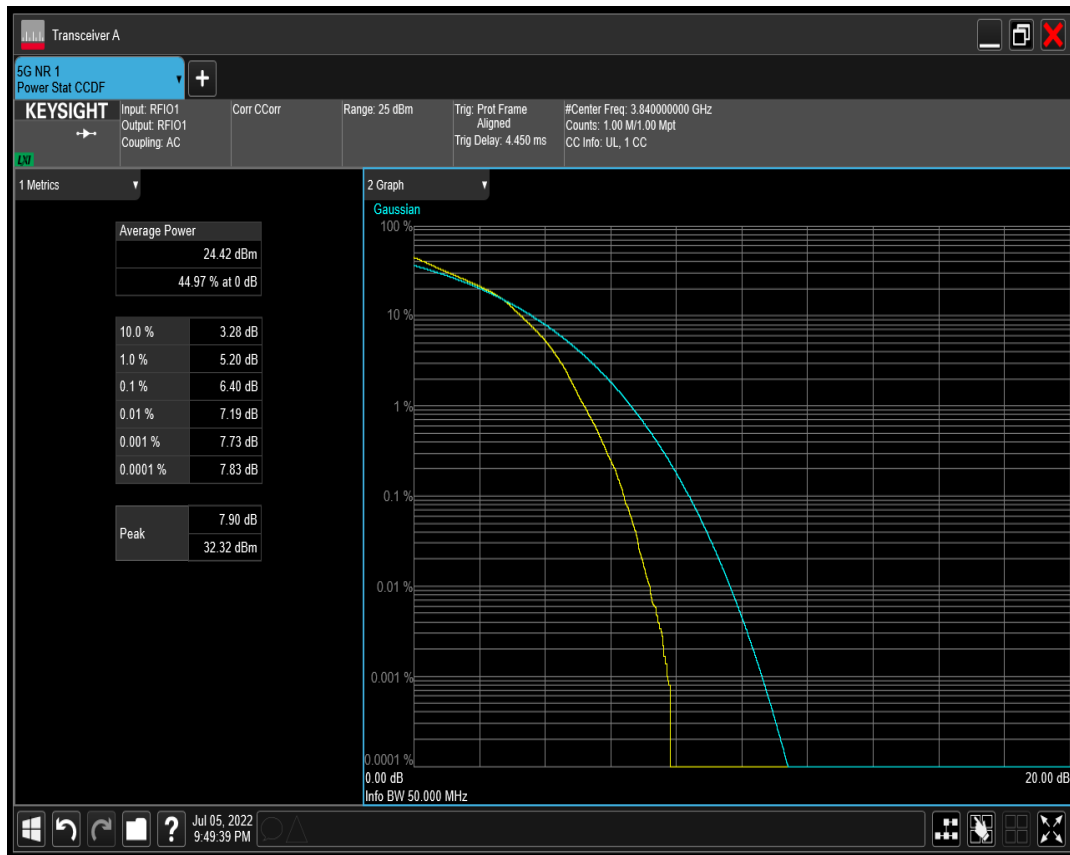
n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz Channel=656000 RB=128@0



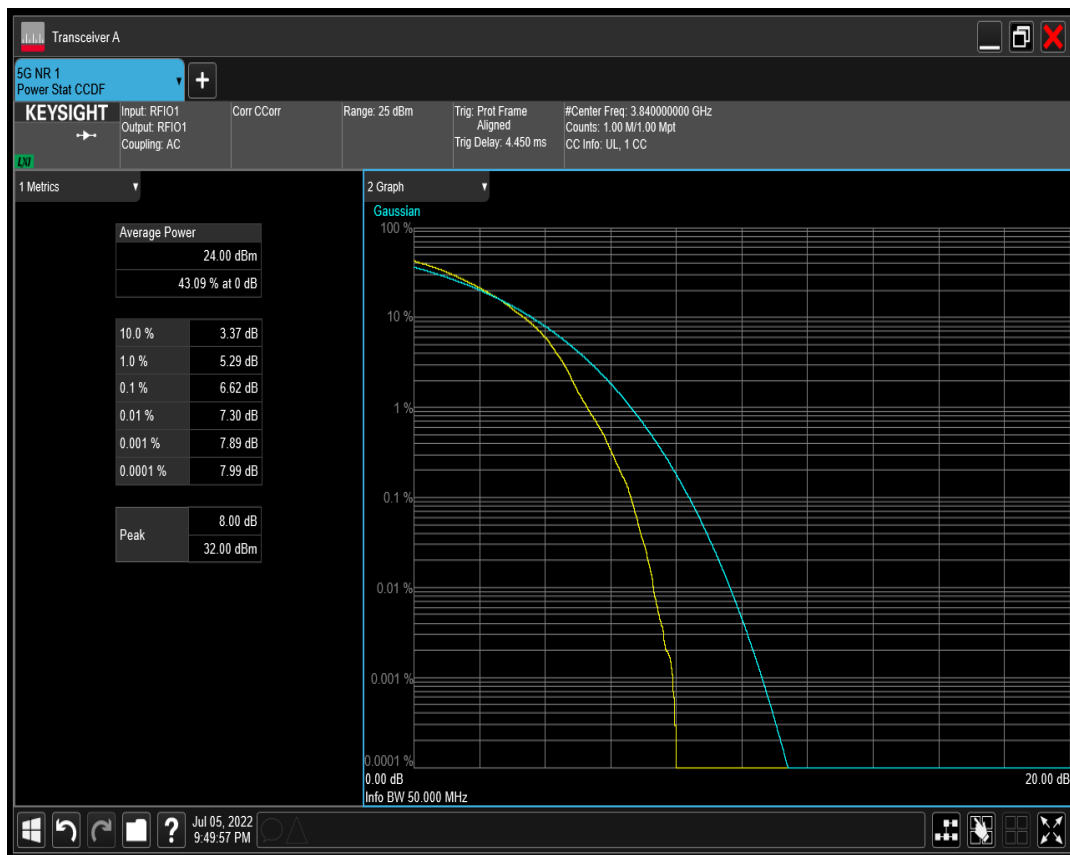
n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz Channel=656000 RB=128@0



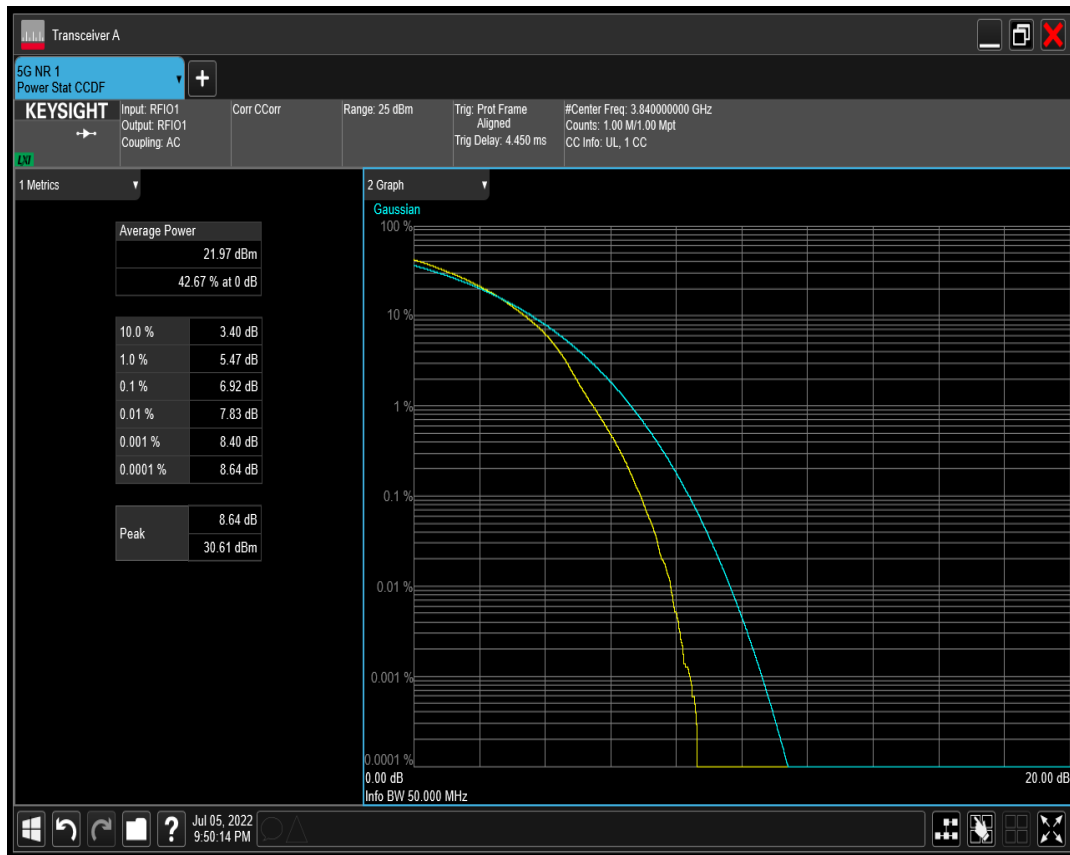
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=50MHz Channel=656000 RB=128@0



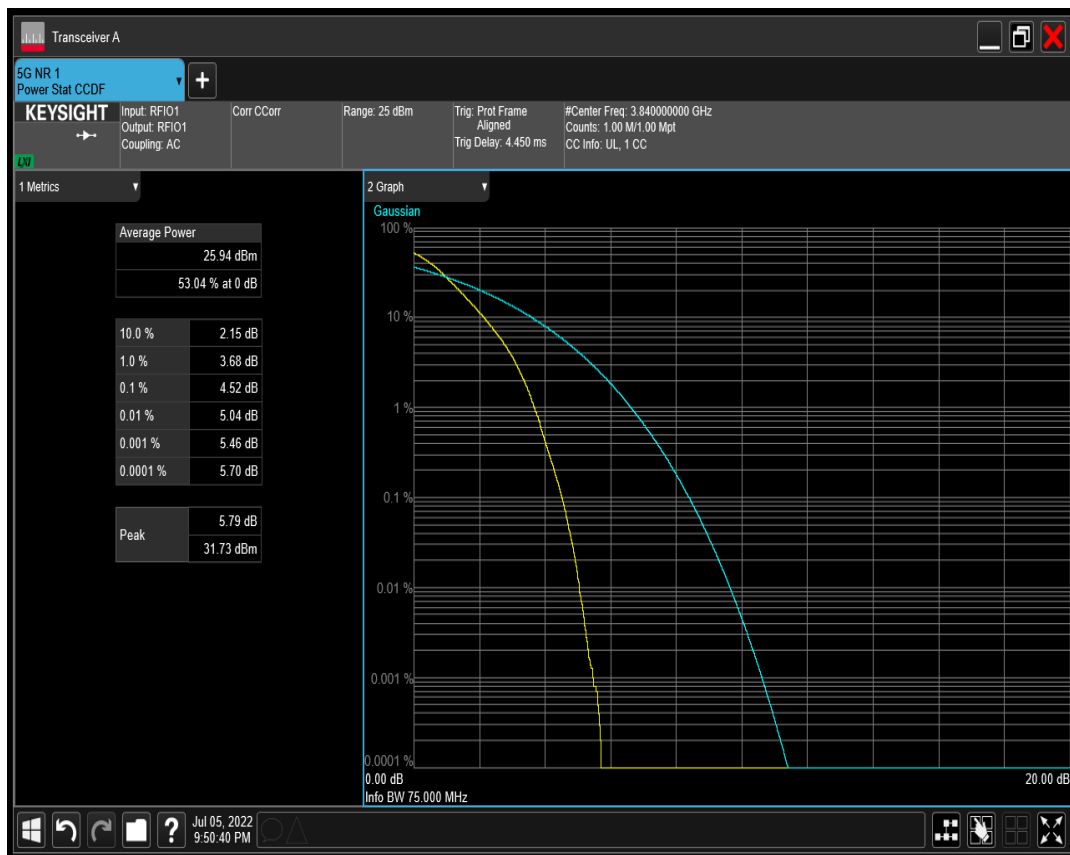
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=50MHz Channel=656000 RB=128@0



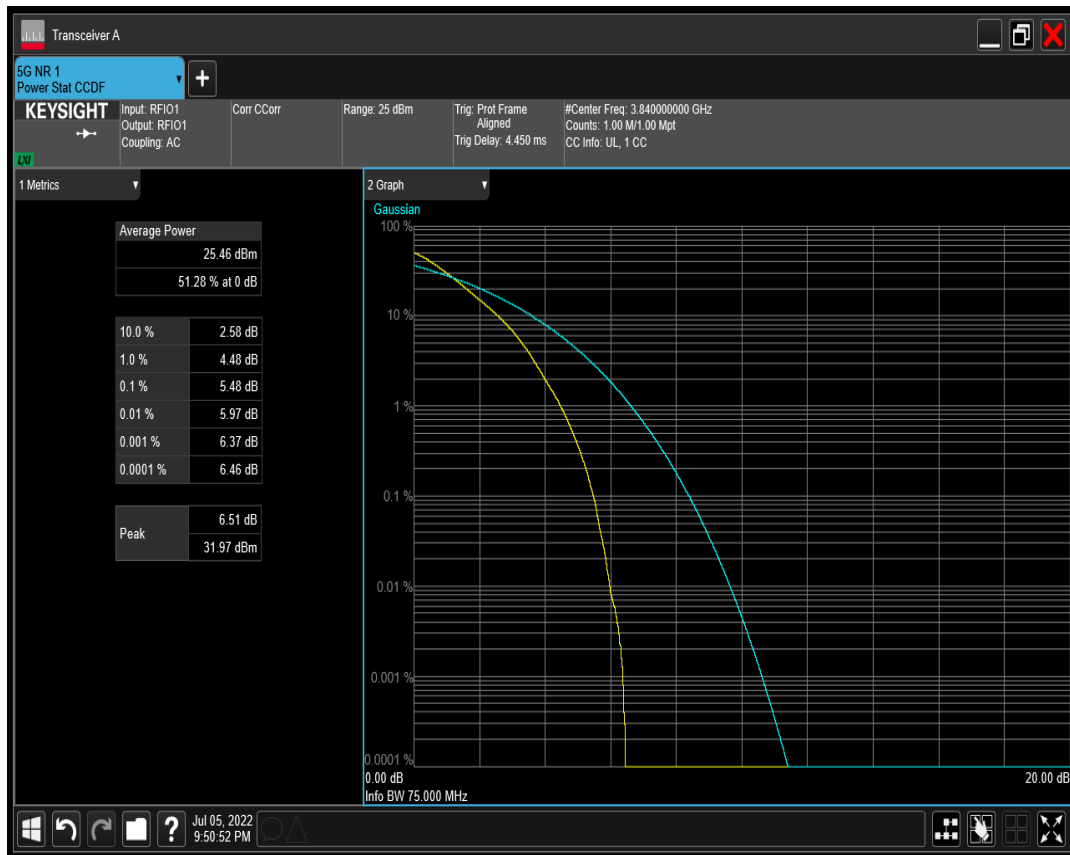
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=50MHz Channel=656000 RB=128@0



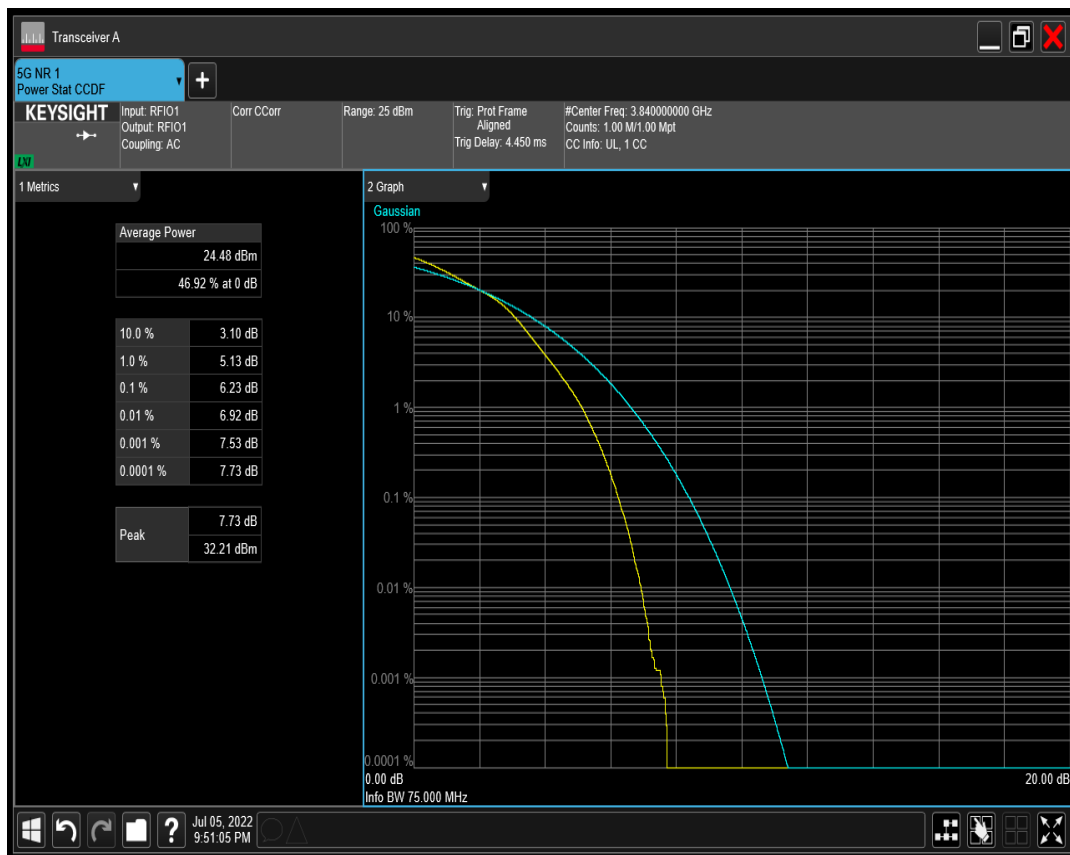
n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz Channel=656000 RB=162@0



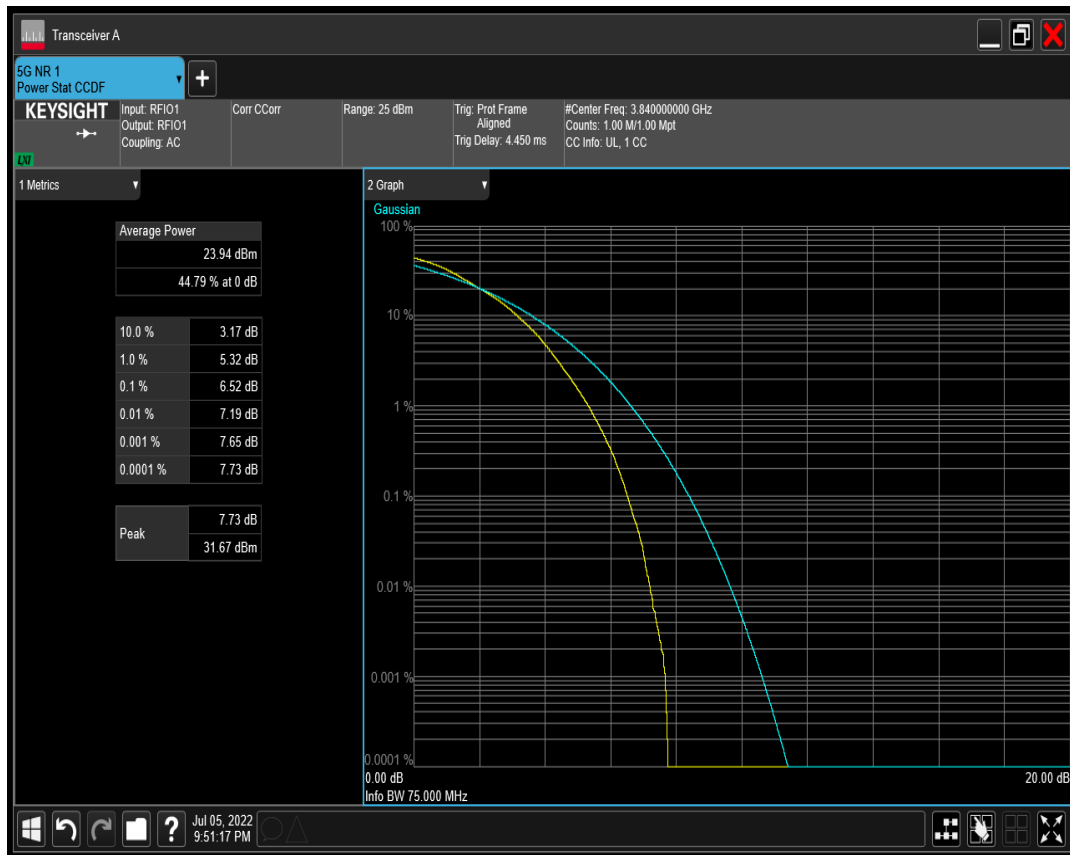
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz Channel=656000 RB=162@0



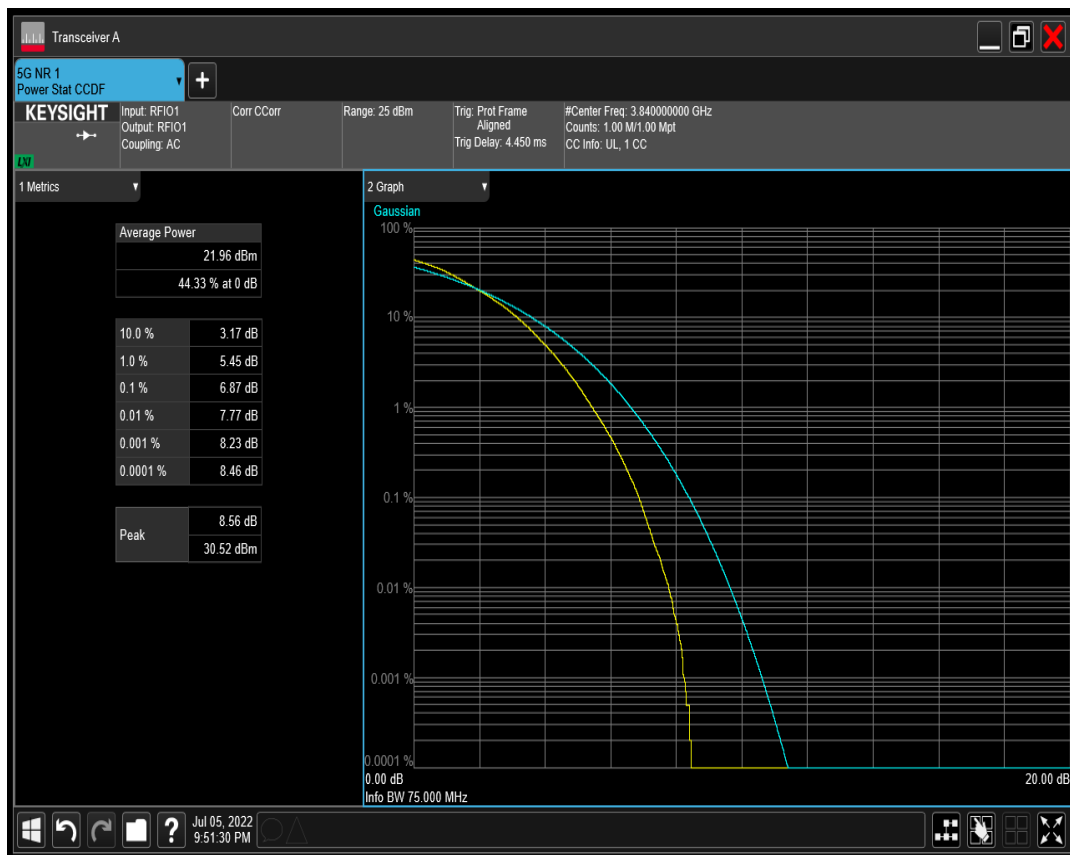
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=60MHz Channel=656000 RB=162@0



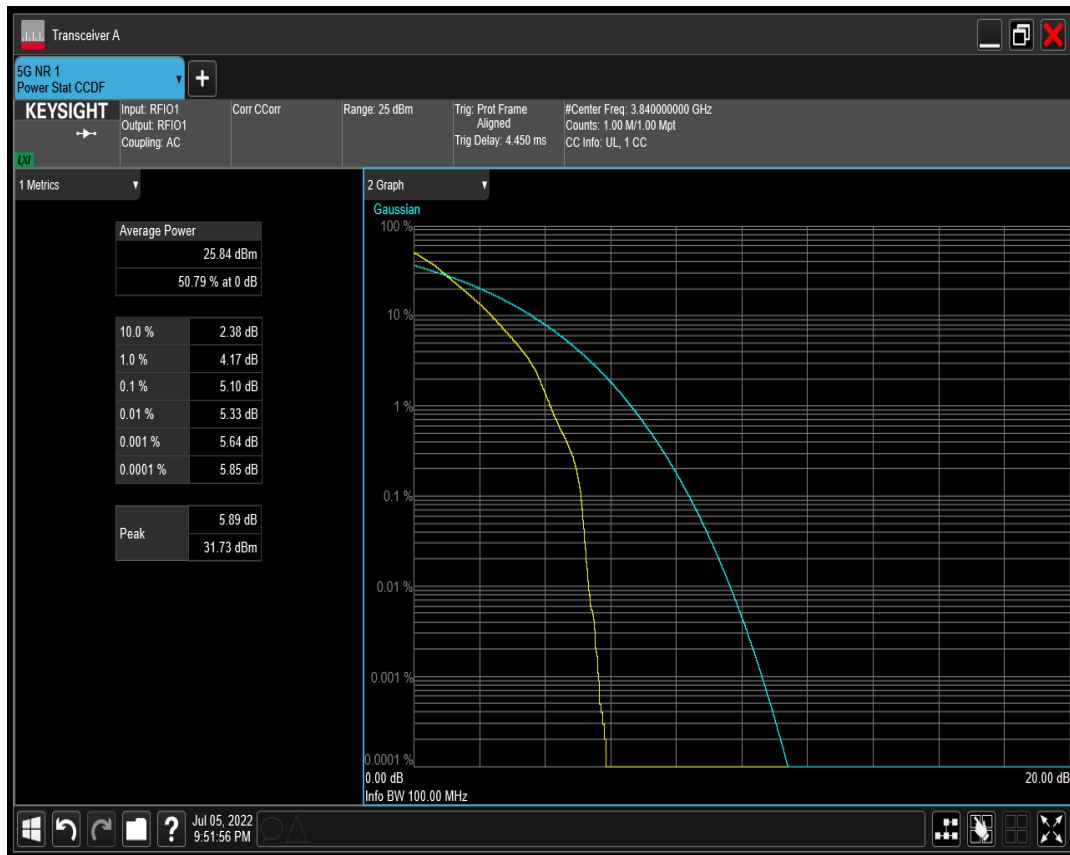
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=60MHz Channel=656000 RB=162@0



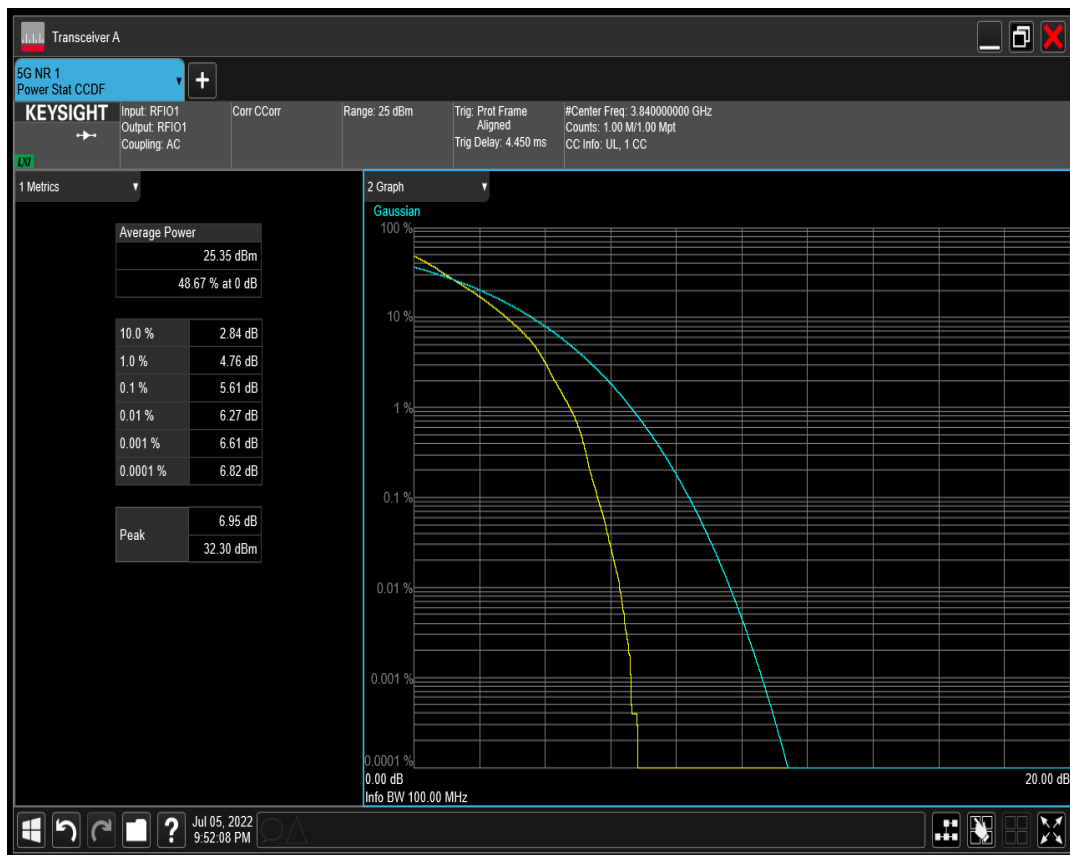
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=60MHz Channel=656000 RB=162@0



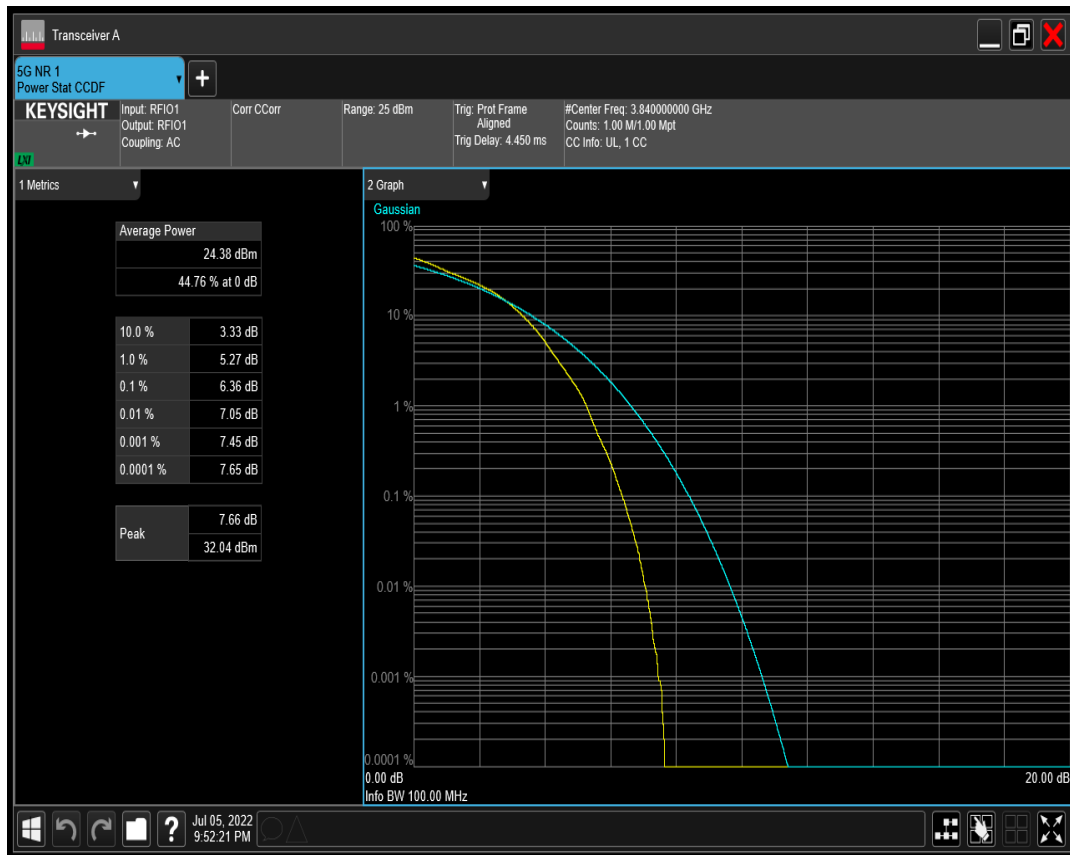
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz Channel=656000 RB=216@0



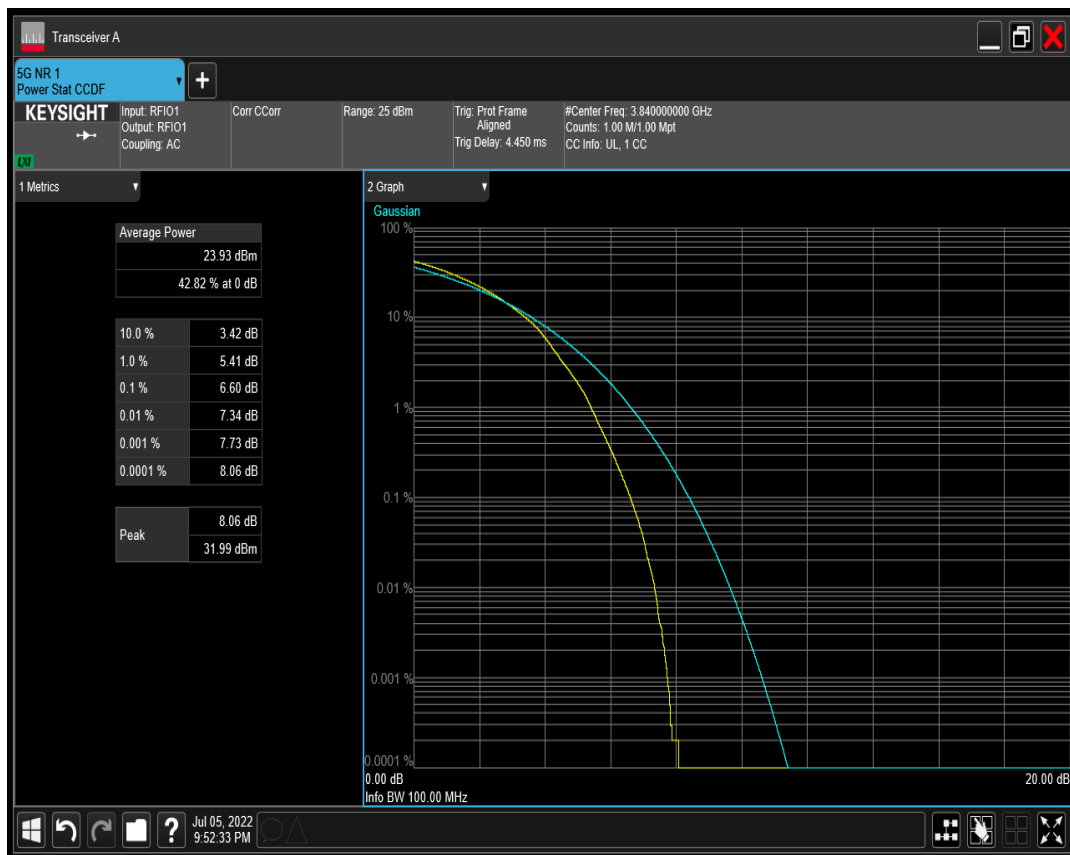
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=656000 RB=216@0



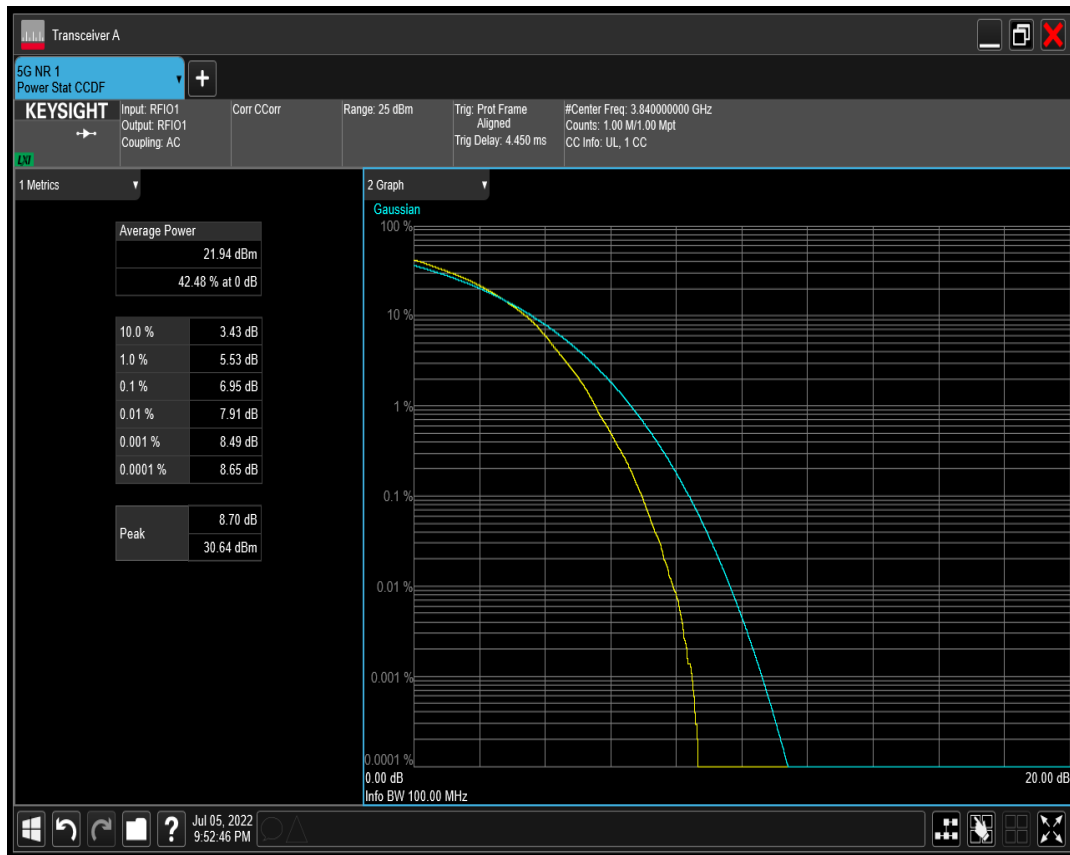
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=80MHz Channel=656000 RB=216@0



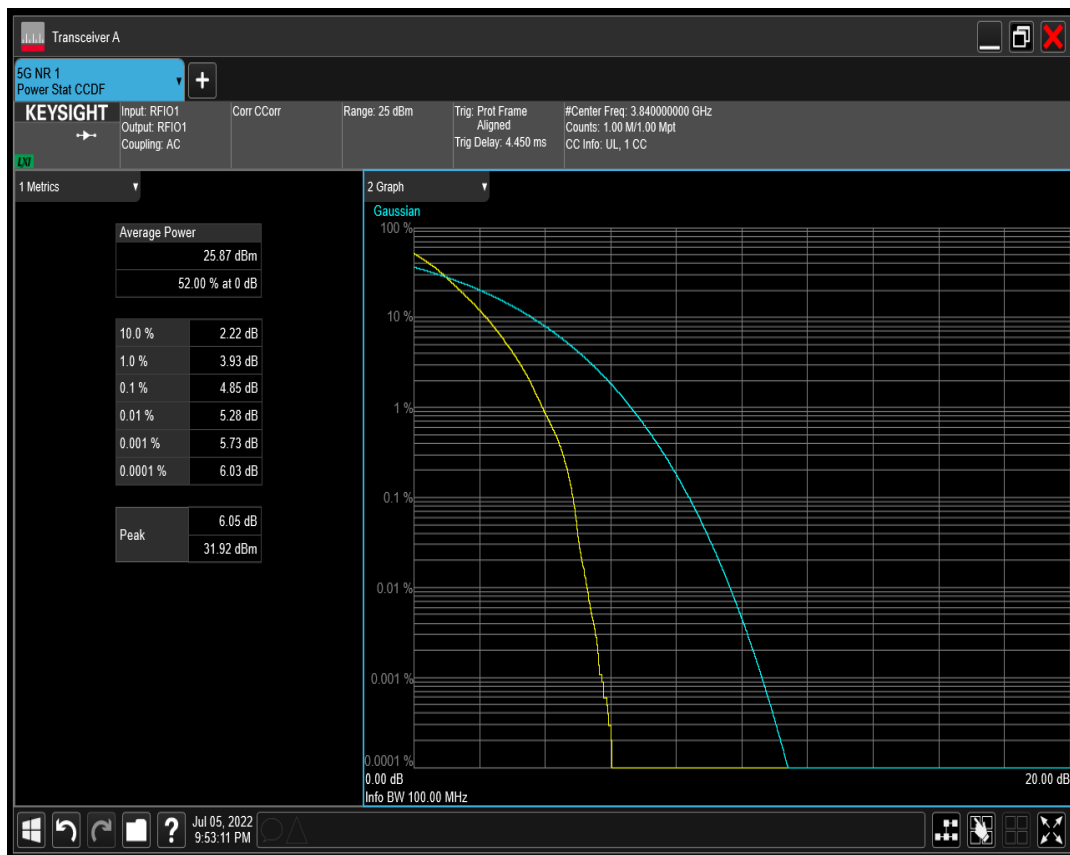
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=80MHz Channel=656000 RB=216@0



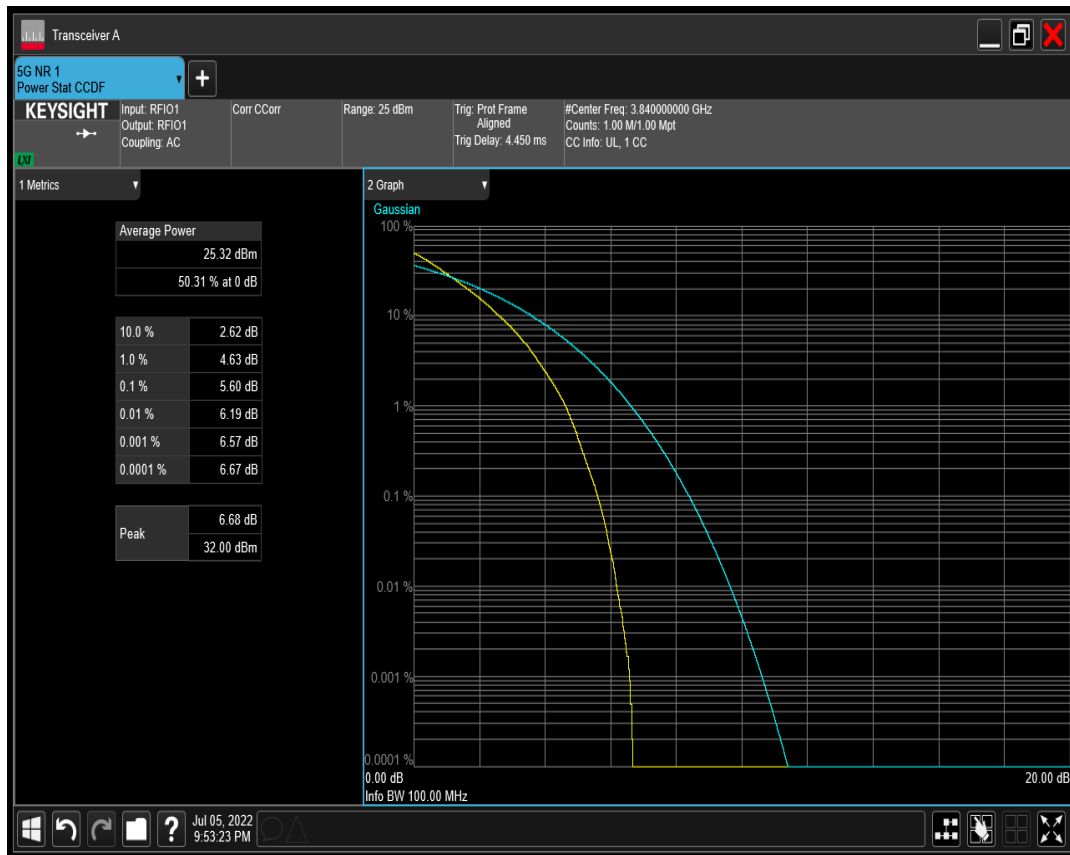
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=80MHz Channel=656000 RB=216@0



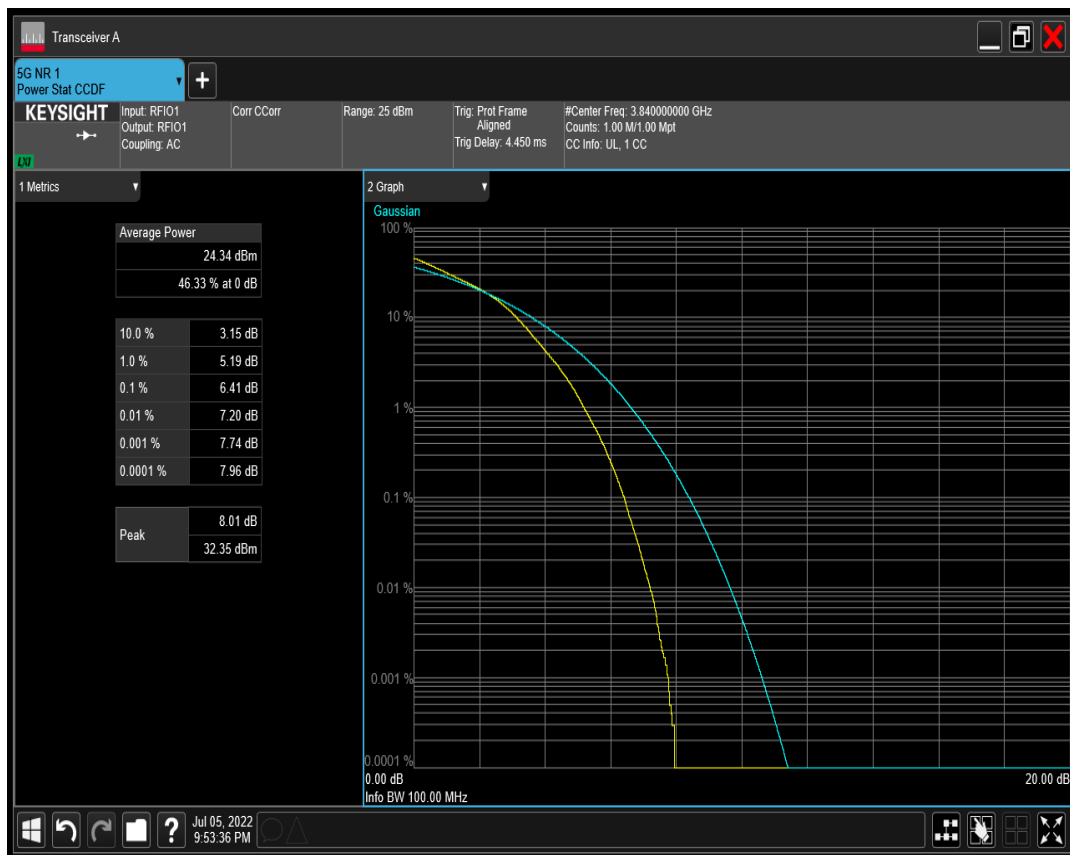
n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz Channel=656000 RB=240@0



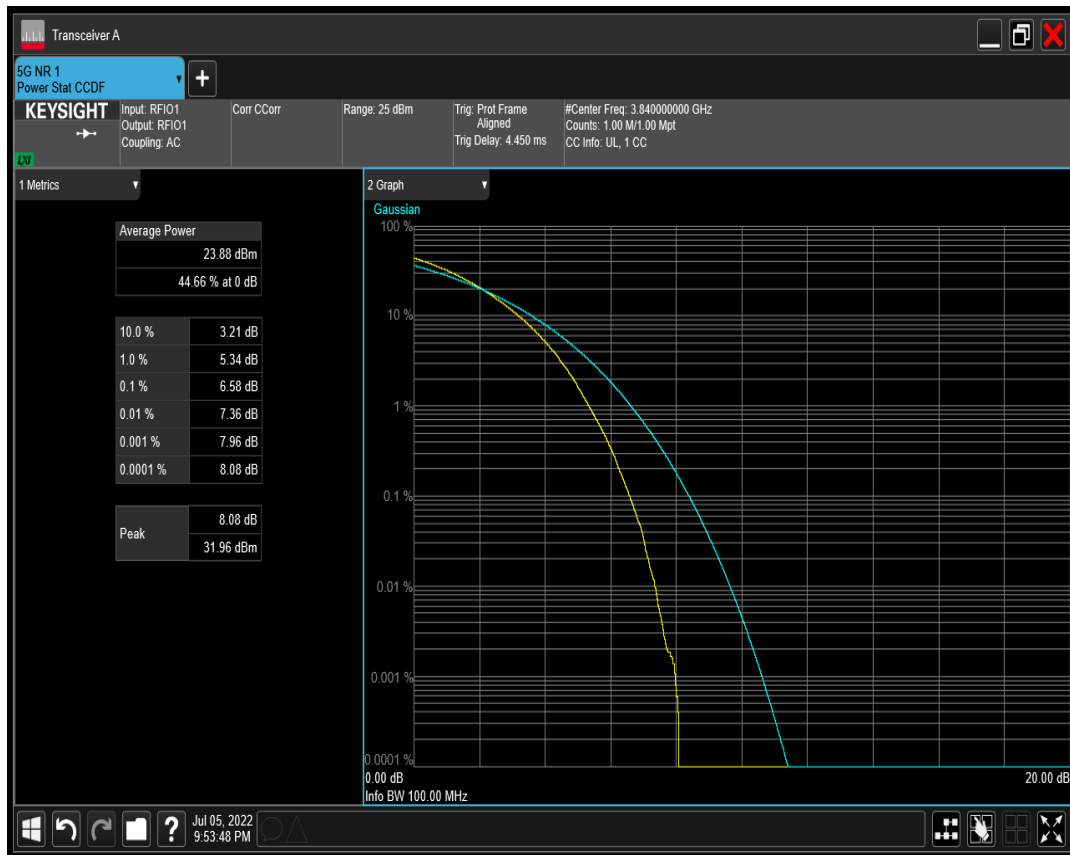
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=656000 RB=240@0



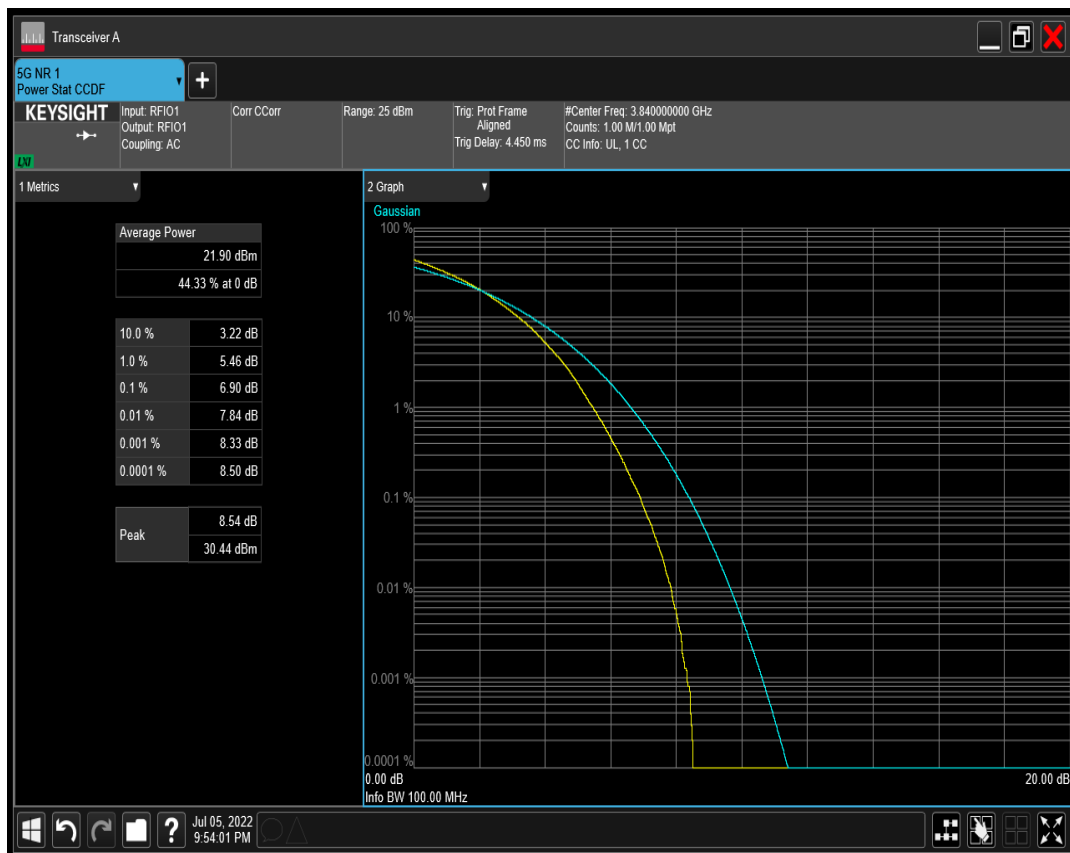
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=90MHz Channel=656000 RB=240@0



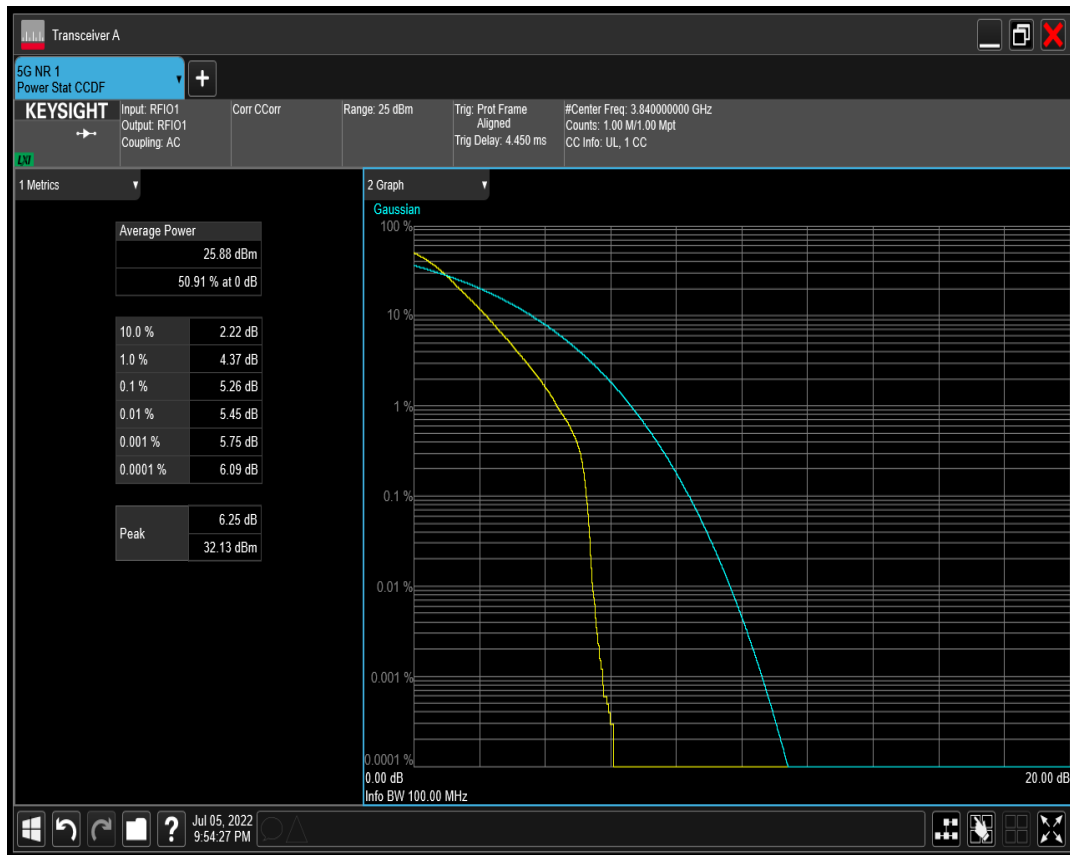
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=656000 RB=240@0



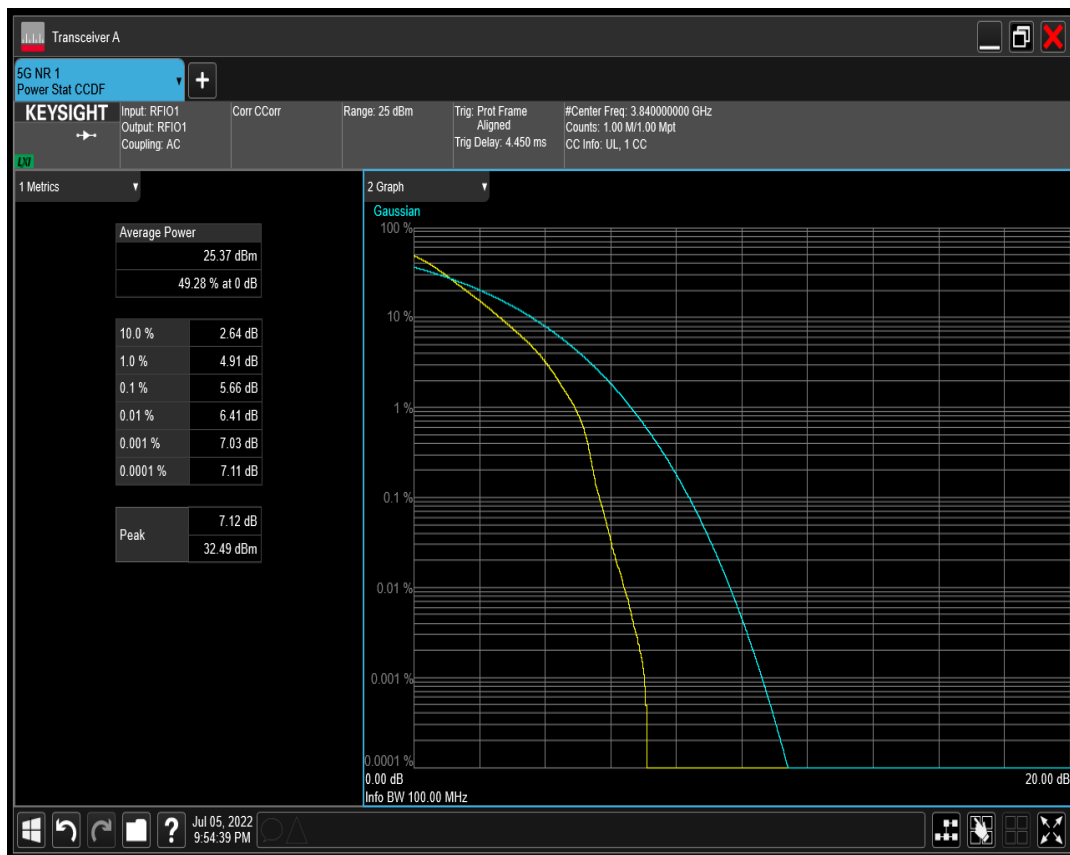
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=90MHz Channel=656000 RB=240@0



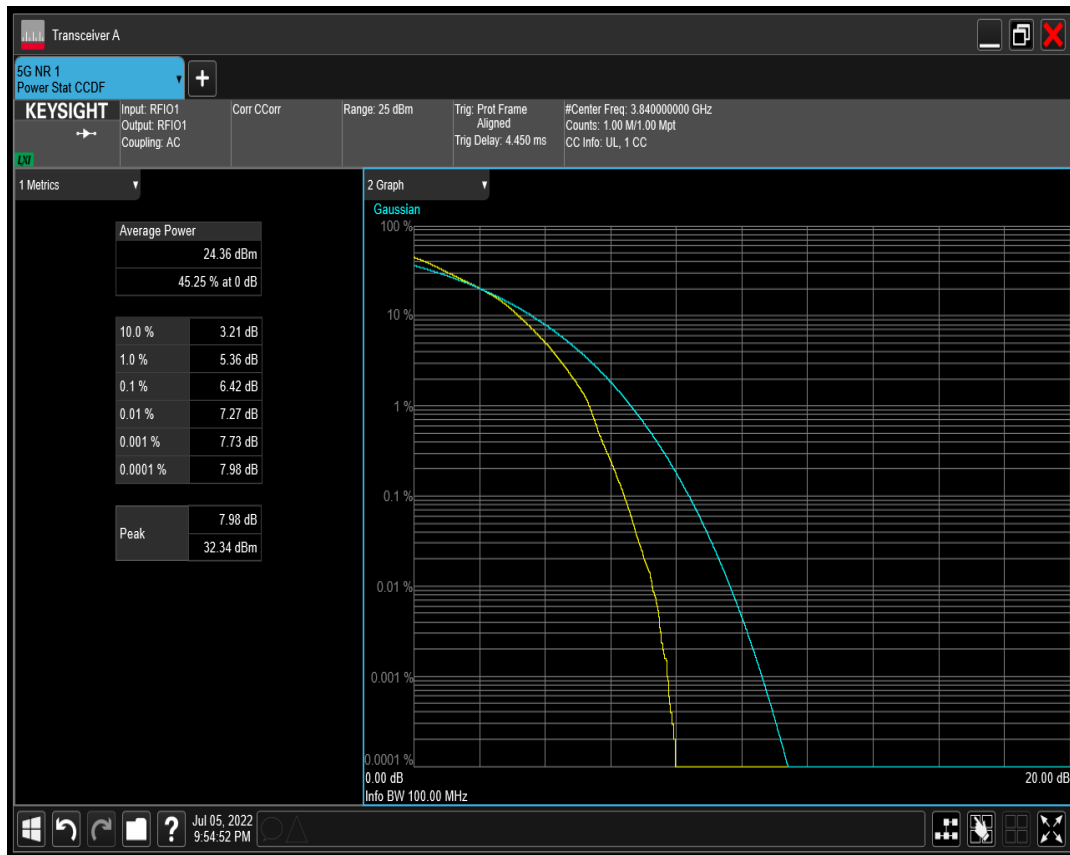
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz Channel=656000 RB=270@0



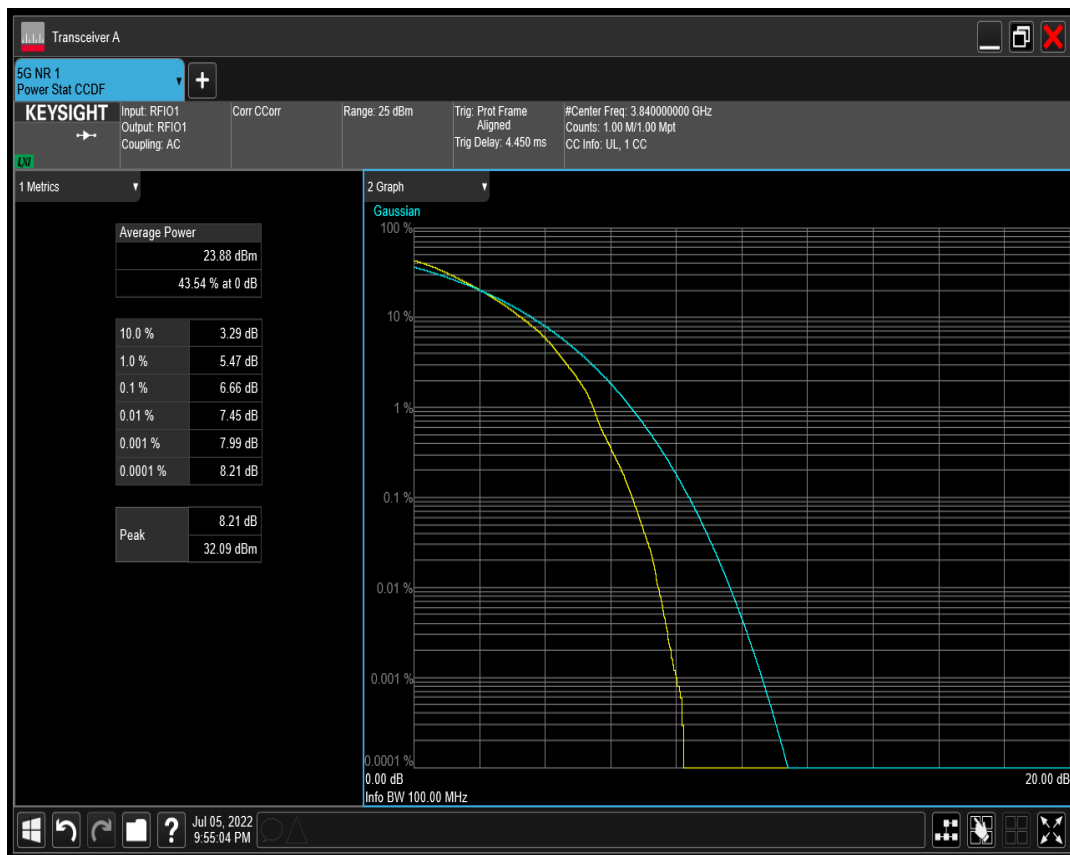
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=270@0



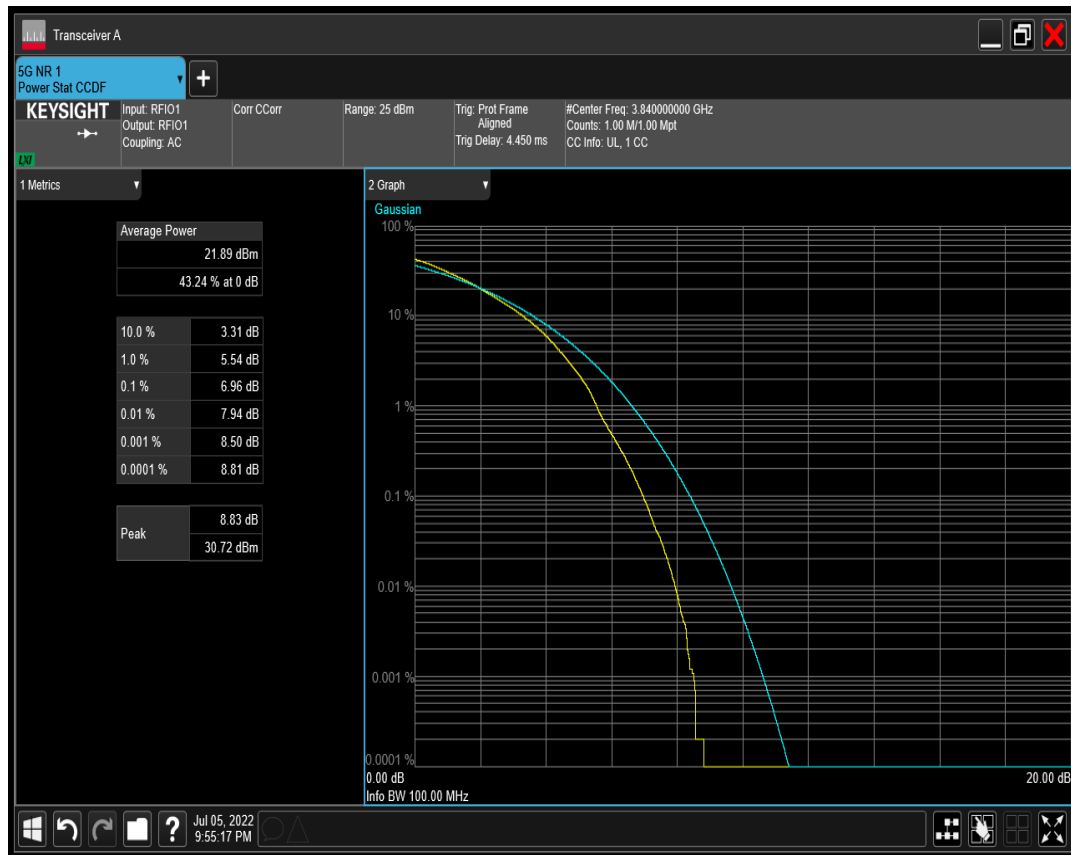
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=100MHz Channel=656000 RB=270@0



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	8.650	9.180	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	8.610	9.170	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM16	8.610	9.140	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM64	8.610	9.150	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM256	8.640	9.170	PASS
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	8.620	9.180	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	8.640	9.180	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	8.620	9.140	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	8.610	9.170	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	8.610	9.150	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	8.620	9.160	PASS
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	8.620	9.170	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	8.650	9.180	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	8.610	9.160	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM16	8.610	9.140	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM64	8.620	9.160	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM256	8.640	9.170	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	8.620	9.170	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	13.520	13.680	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	13.530	13.700	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM16	13.520	13.690	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM64	13.530	13.700	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM256	13.470	13.670	PASS
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	13.640	14.440	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	13.450	13.650	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	13.470	13.700	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	13.440	13.680	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	13.510	13.670	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	13.500	13.670	PASS
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	13.640	14.410	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	13.510	13.680	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	13.510	13.700	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM16	13.450	13.670	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM64	13.510	13.690	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM256	13.460	13.680	PASS
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	13.640	14.420	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	18.120	18.910	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	18.120	18.930	PASS

n77(3700-3980)	30	20	647334	50@0	DFT_QAM16	18.040	18.870	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM64	18.110	18.920	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM256	18.100	18.890	PASS
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	18.320	19.320	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	18.100	18.920	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	18.100	18.920	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	18.090	18.920	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	18.090	18.900	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	18.040	18.890	PASS
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	18.280	19.300	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	18.040	18.890	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	18.100	18.930	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM16	18.090	18.930	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM64	18.100	18.890	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM256	18.100	18.910	PASS
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	18.280	19.300	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_BPSK	27.660	28.430	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QPSK	27.650	28.430	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM16	27.640	28.440	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM64	27.750	28.440	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM256	27.640	28.430	PASS
n77(3700-3980)	30	30	647668	78@0	CP_QPSK	28.000	29.570	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_BPSK	27.600	28.420	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	27.610	28.430	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM16	27.520	28.420	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM64	27.610	28.420	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM256	27.530	28.420	PASS
n77(3700-3980)	30	30	656000	78@0	CP_QPSK	27.980	29.510	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_BPSK	27.610	28.420	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QPSK	27.620	28.430	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM16	27.530	28.430	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM64	27.640	28.430	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM256	27.530	28.430	PASS
n77(3700-3980)	30	30	664332	78@0	CP_QPSK	27.970	29.510	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	37.630	37.880	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	37.510	37.860	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM16	37.630	37.870	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM64	37.770	37.900	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM256	37.520	37.850	PASS
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	38.080	40.120	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	37.470	37.860	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	37.450	37.840	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	37.470	37.830	PASS

n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	37.500	37.880	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	37.440	37.830	PASS
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	37.980	40.030	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	37.470	37.870	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	37.460	37.840	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM16	37.460	37.820	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM64	37.500	37.870	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM256	37.480	37.860	PASS
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	37.980	40.050	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	47.220	48.370	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	47.210	48.390	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM16	47.240	48.380	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM64	47.090	48.340	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM256	47.220	48.320	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	47.680	50.290	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	47.040	48.340	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	47.030	48.330	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	47.020	48.340	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	47.020	48.340	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	47.040	48.320	PASS
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	47.670	50.200	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	47.040	48.350	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	47.040	48.330	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM16	47.040	48.360	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM64	47.020	48.360	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM256	47.060	48.350	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	47.660	50.210	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	57.960	60.990	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	57.960	61.020	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM16	58.080	60.990	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM64	58.090	60.980	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM256	57.950	60.990	PASS
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	58.100	61.090	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	57.950	60.960	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	57.950	60.970	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	58.090	60.960	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	58.090	60.950	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	57.950	60.960	PASS
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	58.080	61.000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	57.930	60.940	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	57.940	60.980	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM16	57.950	61.000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM64	58.090	60.990	PASS