

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n77(3700-3980)	30	10	647000	12@6	DFT_BPSK	27.13	-2.3	24.83	30	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	27.08	-2.3	24.78	30	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	27.14	-2.3	24.84	30	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	27.17	-2.3	24.87	30	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	26.96	-2.3	24.66	30	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	26.98	-2.3	24.68	30	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM16	26.13	-2.3	23.83	30	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM16	26.08	-2.3	23.78	30	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM16	26.50	-2.3	24.20	30	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM64	24.56	-2.3	22.26	30	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM64	24.30	-2.3	22.00	30	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM64	24.59	-2.3	22.29	30	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM256	22.70	-2.3	20.40	30	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM256	22.79	-2.3	20.49	30	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM256	22.80	-2.3	20.50	30	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	25.63	-2.3	23.33	30	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	25.59	-2.3	23.29	30	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	25.56	-2.3	23.26	30	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM16	25.10	-2.3	22.80	30	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM16	25.22	-2.3	22.92	30	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM16	25.21	-2.3	22.91	30	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM64	23.59	-2.3	21.29	30	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM64	22.91	-2.3	20.61	30	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM64	22.92	-2.3	20.62	30	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM256	20.72	-2.3	18.42	30	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM256	20.76	-2.3	18.46	30	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM256	20.59	-2.3	18.29	30	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	26.99	-2.3	24.69	30	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	27.07	-2.3	24.77	30	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	26.91	-2.3	24.61	30	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	27.02	-2.3	24.72	30	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	26.81	-2.3	24.51	30	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	26.78	-2.3	24.48	30	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM16	26.00	-2.3	23.70	30	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM16	26.33	-2.3	24.03	30	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM16	26.24	-2.3	23.94	30	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM64	24.52	-2.3	22.22	30	PASS

n77(3700-3980)	30	10	656000	1@1	DFT_QAM64	24.24	-2.3	21.94	30	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM64	24.44	-2.3	22.14	30	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM256	22.61	-2.3	20.31	30	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM256	22.74	-2.3	20.44	30	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM256	22.63	-2.3	20.33	30	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	25.44	-2.3	23.14	30	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	25.40	-2.3	23.10	30	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	25.30	-2.3	23.00	30	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM16	24.95	-2.3	22.65	30	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM16	25.12	-2.3	22.82	30	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM16	25.07	-2.3	22.77	30	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM64	23.42	-2.3	21.12	30	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM64	23.46	-2.3	21.16	30	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM64	22.90	-2.3	20.60	30	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM256	20.59	-2.3	18.29	30	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM256	20.69	-2.3	18.39	30	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM256	20.64	-2.3	18.34	30	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	27.09	-2.3	24.79	30	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	27.06	-2.3	24.76	30	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	27.03	-2.3	24.73	30	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	27.12	-2.3	24.82	30	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	26.93	-2.3	24.63	30	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	26.96	-2.3	24.66	30	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM16	26.05	-2.3	23.75	30	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM16	26.47	-2.3	24.17	30	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM16	26.41	-2.3	24.11	30	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM64	24.64	-2.3	22.34	30	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM64	24.65	-2.3	22.35	30	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM64	24.35	-2.3	22.05	30	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM256	22.77	-2.3	20.47	30	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM256	22.85	-2.3	20.55	30	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM256	22.92	-2.3	20.62	30	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	25.52	-2.3	23.22	30	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	25.58	-2.3	23.28	30	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	25.50	-2.3	23.20	30	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM16	25.08	-2.3	22.78	30	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM16	25.24	-2.3	22.94	30	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM16	25.08	-2.3	22.78	30	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM64	23.66	-2.3	21.36	30	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM64	23.02	-2.3	20.72	30	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM64	23.58	-2.3	21.28	30	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM256	20.72	-2.3	18.42	30	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM256	20.57	-2.3	18.27	30	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM256	20.53	-2.3	18.23	30	PASS

n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	27.03	-2.3	24.73	30	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	27.03	-2.3	24.73	30	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	27.00	-2.3	24.70	30	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	27.08	-2.3	24.78	30	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	26.84	-2.3	24.54	30	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	26.87	-2.3	24.57	30	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM16	26.14	-2.3	23.84	30	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM16	25.97	-2.3	23.67	30	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM16	26.31	-2.3	24.01	30	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM64	24.72	-2.3	22.42	30	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM64	24.56	-2.3	22.26	30	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM64	24.27	-2.3	21.97	30	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM256	22.56	-2.3	20.26	30	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM256	22.78	-2.3	20.48	30	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM256	22.96	-2.3	20.66	30	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	25.55	-2.3	23.25	30	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	25.48	-2.3	23.18	30	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	25.42	-2.3	23.12	30	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM16	24.92	-2.3	22.62	30	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM16	25.14	-2.3	22.84	30	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM16	25.20	-2.3	22.90	30	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM64	23.64	-2.3	21.34	30	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM64	22.93	-2.3	20.63	30	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM64	23.59	-2.3	21.29	30	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM256	20.54	-2.3	18.24	30	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM256	20.53	-2.3	18.23	30	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM256	20.59	-2.3	18.29	30	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	26.94	-2.3	24.64	30	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	26.97	-2.3	24.67	30	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	26.82	-2.3	24.52	30	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	26.92	-2.3	24.62	30	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	26.82	-2.3	24.52	30	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	26.70	-2.3	24.40	30	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM16	25.97	-2.3	23.67	30	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM16	26.31	-2.3	24.01	30	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM16	26.03	-2.3	23.73	30	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM64	24.47	-2.3	22.17	30	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM64	24.67	-2.3	22.37	30	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM64	24.50	-2.3	22.20	30	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM256	22.40	-2.3	20.10	30	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM256	22.60	-2.3	20.30	30	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM256	22.61	-2.3	20.31	30	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	25.37	-2.3	23.07	30	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	25.38	-2.3	23.08	30	PASS

n77(3700-3980)	30	15	656000	1@36	CP_QPSK	25.23	-2.3	22.93	30	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM16	24.92	-2.3	22.62	30	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM16	25.27	-2.3	22.97	30	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM16	25.10	-2.3	22.80	30	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM64	23.46	-2.3	21.16	30	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM64	23.09	-2.3	20.79	30	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM64	23.02	-2.3	20.72	30	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM256	20.49	-2.3	18.19	30	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM256	20.36	-2.3	18.06	30	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM256	20.33	-2.3	18.03	30	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	27.04	-2.3	24.74	30	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	27.00	-2.3	24.70	30	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	27.02	-2.3	24.72	30	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	27.07	-2.3	24.77	30	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	26.74	-2.3	24.44	30	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	26.91	-2.3	24.61	30	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM16	26.13	-2.3	23.83	30	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM16	26.33	-2.3	24.03	30	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM16	26.36	-2.3	24.06	30	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM64	24.72	-2.3	22.42	30	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM64	24.66	-2.3	22.36	30	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM64	24.76	-2.3	22.46	30	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM256	22.56	-2.3	20.26	30	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM256	22.76	-2.3	20.46	30	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM256	22.68	-2.3	20.38	30	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	25.50	-2.3	23.20	30	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	25.36	-2.3	23.06	30	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	25.39	-2.3	23.09	30	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM16	24.98	-2.3	22.68	30	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM16	25.28	-2.3	22.98	30	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM16	25.02	-2.3	22.72	30	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM64	23.68	-2.3	21.38	30	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM64	23.02	-2.3	20.72	30	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM64	22.97	-2.3	20.67	30	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM256	20.62	-2.3	18.32	30	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM256	20.41	-2.3	18.11	30	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM256	20.50	-2.3	18.20	30	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	27.11	-2.3	24.81	30	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	26.90	-2.3	24.60	30	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	27.08	-2.3	24.78	30	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	27.04	-2.3	24.74	30	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	26.83	-2.3	24.53	30	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	26.95	-2.3	24.65	30	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM16	26.17	-2.3	23.87	30	PASS

n77(3700-3980)	30	20	647334	1@1	DFT_QAM16	26.28	-2.3	23.98	30	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM16	26.41	-2.3	24.11	30	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM64	24.66	-2.3	22.36	30	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM64	24.71	-2.3	22.41	30	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM64	24.72	-2.3	22.42	30	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM256	22.57	-2.3	20.27	30	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM256	22.68	-2.3	20.38	30	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM256	22.80	-2.3	20.50	30	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	25.54	-2.3	23.24	30	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	25.35	-2.3	23.05	30	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	25.45	-2.3	23.15	30	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM16	25.07	-2.3	22.77	30	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM16	25.28	-2.3	22.98	30	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM16	25.38	-2.3	23.08	30	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM64	23.63	-2.3	21.33	30	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM64	22.86	-2.3	20.56	30	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM64	23.20	-2.3	20.90	30	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM256	20.56	-2.3	18.26	30	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM256	20.46	-2.3	18.16	30	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM256	20.51	-2.3	18.21	30	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	26.96	-2.3	24.66	30	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	26.78	-2.3	24.48	30	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	26.81	-2.3	24.51	30	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	26.93	-2.3	24.63	30	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	26.64	-2.3	24.34	30	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	26.63	-2.3	24.33	30	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM16	25.91	-2.3	23.61	30	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM16	25.87	-2.3	23.57	30	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM16	25.82	-2.3	23.52	30	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM64	24.49	-2.3	22.19	30	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM64	24.61	-2.3	22.31	30	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM64	24.54	-2.3	22.24	30	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM256	22.41	-2.3	20.11	30	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM256	22.64	-2.3	20.34	30	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM256	22.46	-2.3	20.16	30	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	25.41	-2.3	23.11	30	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	25.30	-2.3	23.00	30	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	25.23	-2.3	22.93	30	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM16	24.93	-2.3	22.63	30	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM16	25.11	-2.3	22.81	30	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM16	24.99	-2.3	22.69	30	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM64	23.46	-2.3	21.16	30	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM64	22.96	-2.3	20.66	30	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM64	23.10	-2.3	20.80	30	PASS

n77(3700-3980)	30	20	656000	25@12	CP_QAM256	20.39	-2.3	18.09	30	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM256	20.31	-2.3	18.01	30	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM256	20.51	-2.3	18.21	30	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	27.09	-2.3	24.79	30	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	26.73	-2.3	24.43	30	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	26.88	-2.3	24.58	30	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	27.09	-2.3	24.79	30	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	26.65	-2.3	24.35	30	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	26.79	-2.3	24.49	30	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM16	26.15	-2.3	23.85	30	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM16	26.19	-2.3	23.89	30	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM16	26.31	-2.3	24.01	30	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM64	24.68	-2.3	22.38	30	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM64	24.53	-2.3	22.23	30	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM64	24.64	-2.3	22.34	30	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM256	22.55	-2.3	20.25	30	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM256	22.46	-2.3	20.16	30	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM256	22.74	-2.3	20.44	30	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	25.54	-2.3	23.24	30	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	25.21	-2.3	22.91	30	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	25.36	-2.3	23.06	30	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM16	24.95	-2.3	22.65	30	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM16	25.09	-2.3	22.79	30	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM16	25.17	-2.3	22.87	30	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM64	23.64	-2.3	21.34	30	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM64	22.80	-2.3	20.50	30	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM64	23.17	-2.3	20.87	30	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM256	20.56	-2.3	18.26	30	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM256	20.57	-2.3	18.27	30	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM256	20.40	-2.3	18.10	30	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_BPSK	27.11	-2.3	24.81	30	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_BPSK	26.87	-2.3	24.57	30	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_BPSK	26.89	-2.3	24.59	30	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QPSK	27.11	-2.3	24.81	30	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QPSK	26.66	-2.3	24.36	30	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QPSK	26.87	-2.3	24.57	30	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM16	26.10	-2.3	23.80	30	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM16	25.82	-2.3	23.52	30	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM16	25.91	-2.3	23.61	30	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM64	24.64	-2.3	22.34	30	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM64	24.46	-2.3	22.16	30	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM64	24.63	-2.3	22.33	30	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM256	22.68	-2.3	20.38	30	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM256	22.47	-2.3	20.17	30	PASS

n77(3700-3980)	30	30	647668	1@76	DFT_QAM256	22.78	-2.3	20.48	30	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QPSK	25.64	-2.3	23.34	30	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QPSK	25.26	-2.3	22.96	30	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QPSK	25.40	-2.3	23.10	30	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM16	25.12	-2.3	22.82	30	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM16	25.10	-2.3	22.80	30	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM16	25.13	-2.3	22.83	30	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM64	23.61	-2.3	21.31	30	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM64	22.97	-2.3	20.67	30	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM64	23.16	-2.3	20.86	30	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM256	20.62	-2.3	18.32	30	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM256	20.32	-2.3	18.02	30	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM256	20.54	-2.3	18.24	30	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_BPSK	26.91	-2.3	24.61	30	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_BPSK	26.79	-2.3	24.49	30	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_BPSK	26.72	-2.3	24.42	30	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QPSK	26.92	-2.3	24.62	30	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QPSK	26.67	-2.3	24.37	30	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QPSK	26.70	-2.3	24.40	30	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM16	25.92	-2.3	23.62	30	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM16	26.13	-2.3	23.83	30	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM16	26.10	-2.3	23.80	30	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM64	24.44	-2.3	22.14	30	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM64	24.37	-2.3	22.07	30	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM64	24.31	-2.3	22.01	30	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM256	22.50	-2.3	20.20	30	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM256	22.50	-2.3	20.20	30	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM256	22.49	-2.3	20.19	30	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QPSK	25.36	-2.3	23.06	30	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QPSK	25.20	-2.3	22.90	30	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QPSK	25.05	-2.3	22.75	30	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM16	24.90	-2.3	22.60	30	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM16	25.09	-2.3	22.79	30	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM16	25.09	-2.3	22.79	30	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM64	23.39	-2.3	21.09	30	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM64	22.75	-2.3	20.45	30	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM64	22.67	-2.3	20.37	30	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM256	20.44	-2.3	18.14	30	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM256	20.34	-2.3	18.04	30	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM256	20.37	-2.3	18.07	30	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_BPSK	26.90	-2.3	24.60	30	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_BPSK	26.60	-2.3	24.30	30	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_BPSK	26.79	-2.3	24.49	30	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QPSK	26.97	-2.3	24.67	30	PASS

n77(3700-3980)	30	30	664332	1@1	DFT_QPSK	26.32	-2.3	24.02	30	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QPSK	26.63	-2.3	24.33	30	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM16	25.89	-2.3	23.59	30	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM16	25.92	-2.3	23.62	30	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM16	26.12	-2.3	23.82	30	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM64	24.48	-2.3	22.18	30	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM64	24.12	-2.3	21.82	30	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM64	24.34	-2.3	22.04	30	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM256	22.48	-2.3	20.18	30	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM256	22.26	-2.3	19.96	30	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM256	22.50	-2.3	20.20	30	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QPSK	25.48	-2.3	23.18	30	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QPSK	24.92	-2.3	22.62	30	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QPSK	25.10	-2.3	22.80	30	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM16	24.86	-2.3	22.56	30	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM16	24.67	-2.3	22.37	30	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM16	24.86	-2.3	22.56	30	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM64	23.42	-2.3	21.12	30	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM64	22.94	-2.3	20.64	30	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM64	22.71	-2.3	20.41	30	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM256	20.49	-2.3	18.19	30	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM256	20.22	-2.3	17.92	30	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM256	20.39	-2.3	18.09	30	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	27.10	-2.3	24.80	30	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	26.57	-2.3	24.27	30	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	26.67	-2.3	24.37	30	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	27.15	-2.3	24.85	30	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	26.39	-2.3	24.09	30	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	26.45	-2.3	24.15	30	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM16	26.13	-2.3	23.83	30	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM16	25.81	-2.3	23.51	30	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM16	26.01	-2.3	23.71	30	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM64	24.73	-2.3	22.43	30	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM64	24.27	-2.3	21.97	30	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM64	24.15	-2.3	21.85	30	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM256	22.71	-2.3	20.41	30	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM256	22.41	-2.3	20.11	30	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM256	22.39	-2.3	20.09	30	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	25.57	-2.3	23.27	30	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	25.01	-2.3	22.71	30	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	24.93	-2.3	22.63	30	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM16	25.16	-2.3	22.86	30	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM16	24.93	-2.3	22.63	30	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM16	24.98	-2.3	22.68	30	PASS

n77(3700-3980)	30	40	648000	53@26	CP_QAM64	23.61	-2.3	21.31	30	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM64	22.43	-2.3	20.13	30	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM64	23.03	-2.3	20.73	30	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM256	20.75	-2.3	18.45	30	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM256	20.43	-2.3	18.13	30	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM256	20.51	-2.3	18.21	30	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	26.85	-2.3	24.55	30	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	26.52	-2.3	24.22	30	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	26.61	-2.3	24.31	30	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	26.92	-2.3	24.62	30	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	26.46	-2.3	24.16	30	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	26.43	-2.3	24.13	30	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM16	25.91	-2.3	23.61	30	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM16	25.90	-2.3	23.60	30	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM16	25.93	-2.3	23.63	30	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM64	24.42	-2.3	22.12	30	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM64	24.14	-2.3	21.84	30	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM64	24.18	-2.3	21.88	30	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM256	22.45	-2.3	20.15	30	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM256	22.32	-2.3	20.02	30	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM256	22.19	-2.3	19.89	30	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	25.41	-2.3	23.11	30	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	24.99	-2.3	22.69	30	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	24.93	-2.3	22.63	30	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM16	24.95	-2.3	22.65	30	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM16	24.69	-2.3	22.39	30	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM16	24.81	-2.3	22.51	30	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM64	23.36	-2.3	21.06	30	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM64	22.42	-2.3	20.12	30	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM64	22.71	-2.3	20.41	30	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM256	20.45	-2.3	18.15	30	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM256	20.39	-2.3	18.09	30	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM256	20.33	-2.3	18.03	30	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	26.88	-2.3	24.58	30	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	26.29	-2.3	23.99	30	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	26.46	-2.3	24.16	30	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	26.84	-2.3	24.54	30	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	26.16	-2.3	23.86	30	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	26.42	-2.3	24.12	30	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM16	25.84	-2.3	23.54	30	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM16	25.34	-2.3	23.04	30	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM16	25.89	-2.3	23.59	30	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM64	24.38	-2.3	22.08	30	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM64	23.92	-2.3	21.62	30	PASS

n77(3700-3980)	30	40	664000	1@104	DFT_QAM64	23.69	-2.3	21.39	30	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM256	22.32	-2.3	20.02	30	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM256	22.11	-2.3	19.81	30	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM256	22.28	-2.3	19.98	30	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	25.33	-2.3	23.03	30	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	24.88	-2.3	22.58	30	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	25.02	-2.3	22.72	30	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM16	24.79	-2.3	22.49	30	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM16	24.66	-2.3	22.36	30	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM16	24.68	-2.3	22.38	30	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM64	23.38	-2.3	21.08	30	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM64	22.58	-2.3	20.28	30	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM64	22.44	-2.3	20.14	30	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM256	20.40	-2.3	18.10	30	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM256	20.08	-2.3	17.78	30	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM256	20.21	-2.3	17.91	30	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	27.16	-2.3	24.86	30	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	26.83	-2.3	24.53	30	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	26.77	-2.3	24.47	30	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	27.18	-2.3	24.88	30	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	26.67	-2.3	24.37	30	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	26.73	-2.3	24.43	30	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM16	26.19	-2.3	23.89	30	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM16	25.74	-2.3	23.44	30	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM16	25.81	-2.3	23.51	30	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM64	24.66	-2.3	22.36	30	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM64	24.02	-2.3	21.72	30	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM64	23.97	-2.3	21.67	30	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM256	22.72	-2.3	20.42	30	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM256	22.73	-2.3	20.43	30	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM256	22.71	-2.3	20.41	30	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	25.58	-2.3	23.28	30	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	25.24	-2.3	22.94	30	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	25.23	-2.3	22.93	30	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM16	25.10	-2.3	22.80	30	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM16	24.96	-2.3	22.66	30	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM16	24.92	-2.3	22.62	30	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM64	23.69	-2.3	21.39	30	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM64	22.73	-2.3	20.43	30	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM64	22.79	-2.3	20.49	30	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM256	20.66	-2.3	18.36	30	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM256	20.63	-2.3	18.33	30	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM256	20.31	-2.3	18.01	30	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	26.92	-2.3	24.62	30	PASS

n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	26.66	-2.3	24.36	30	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	26.74	-2.3	24.44	30	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	26.94	-2.3	24.64	30	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	26.61	-2.3	24.31	30	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	26.61	-2.3	24.31	30	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM16	25.98	-2.3	23.68	30	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM16	25.72	-2.3	23.42	30	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM16	25.83	-2.3	23.53	30	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM64	24.48	-2.3	22.18	30	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM64	23.88	-2.3	21.58	30	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM64	24.36	-2.3	22.06	30	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM256	22.55	-2.3	20.25	30	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM256	22.37	-2.3	20.07	30	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM256	22.54	-2.3	20.24	30	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	25.37	-2.3	23.07	30	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	25.19	-2.3	22.89	30	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	25.31	-2.3	23.01	30	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM16	24.96	-2.3	22.66	30	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM16	24.94	-2.3	22.64	30	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM16	25.04	-2.3	22.74	30	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM64	23.46	-2.3	21.16	30	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM64	22.95	-2.3	20.65	30	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM64	23.07	-2.3	20.77	30	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM256	20.47	-2.3	18.17	30	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM256	20.29	-2.3	17.99	30	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM256	20.50	-2.3	18.20	30	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	26.92	-2.3	24.62	30	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	26.64	-2.3	24.34	30	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	26.69	-2.3	24.39	30	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	26.86	-2.3	24.56	30	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	26.49	-2.3	24.19	30	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	26.64	-2.3	24.34	30	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM16	25.91	-2.3	23.61	30	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM16	26.01	-2.3	23.71	30	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM16	26.14	-2.3	23.84	30	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM64	24.41	-2.3	22.11	30	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM64	24.17	-2.3	21.87	30	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM64	23.98	-2.3	21.68	30	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM256	22.37	-2.3	20.07	30	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM256	22.29	-2.3	19.99	30	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM256	22.48	-2.3	20.18	30	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	25.33	-2.3	23.03	30	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	25.11	-2.3	22.81	30	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	25.31	-2.3	23.01	30	PASS

n77(3700-3980)	30	50	663666	67@33	CP_QAM16	24.87	-2.3	22.57	30	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM16	24.93	-2.3	22.63	30	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM16	24.86	-2.3	22.56	30	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM64	23.35	-2.3	21.05	30	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM64	22.86	-2.3	20.56	30	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM64	23.01	-2.3	20.71	30	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM256	20.37	-2.3	18.07	30	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM256	20.37	-2.3	18.07	30	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM256	20.53	-2.3	18.23	30	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	27.07	-2.3	24.77	30	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	26.69	-2.3	24.39	30	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	26.55	-2.3	24.25	30	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	27.15	-2.3	24.85	30	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	26.55	-2.3	24.25	30	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	26.54	-2.3	24.24	30	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM16	26.12	-2.3	23.82	30	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM16	25.89	-2.3	23.59	30	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM16	25.82	-2.3	23.52	30	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM64	24.62	-2.3	22.32	30	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM64	24.44	-2.3	22.14	30	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM64	24.26	-2.3	21.96	30	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM256	22.64	-2.3	20.34	30	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM256	22.38	-2.3	20.08	30	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM256	22.28	-2.3	19.98	30	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	25.61	-2.3	23.31	30	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	24.90	-2.3	22.60	30	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	24.85	-2.3	22.55	30	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM16	25.10	-2.3	22.80	30	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM16	24.83	-2.3	22.53	30	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM16	24.74	-2.3	22.44	30	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM64	23.59	-2.3	21.29	30	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM64	23.14	-2.3	20.84	30	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM64	23.05	-2.3	20.75	30	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM256	20.64	-2.3	18.34	30	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM256	20.23	-2.3	17.93	30	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM256	20.12	-2.3	17.82	30	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	26.95	-2.3	24.65	30	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	26.46	-2.3	24.16	30	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	26.60	-2.3	24.30	30	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	26.93	-2.3	24.63	30	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	26.39	-2.3	24.09	30	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	26.54	-2.3	24.24	30	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM16	25.87	-2.3	23.57	30	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM16	25.56	-2.3	23.26	30	PASS

n77(3700-3980)	30	60	656000	1@160	DFT_QAM16	25.66	-2.3	23.36	30	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM64	24.44	-2.3	22.14	30	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM64	24.30	-2.3	22.00	30	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM64	24.42	-2.3	22.12	30	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM256	22.40	-2.3	20.10	30	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM256	22.22	-2.3	19.92	30	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM256	22.27	-2.3	19.97	30	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	25.34	-2.3	23.04	30	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QPSK	24.88	-2.3	22.58	30	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	25.06	-2.3	22.76	30	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM16	24.90	-2.3	22.60	30	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM16	24.61	-2.3	22.31	30	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM16	24.72	-2.3	22.42	30	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM64	23.45	-2.3	21.15	30	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM64	22.80	-2.3	20.50	30	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM64	23.01	-2.3	20.71	30	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM256	20.47	-2.3	18.17	30	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM256	19.86	-2.3	17.56	30	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM256	20.10	-2.3	17.80	30	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	26.83	-2.3	24.53	30	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	26.31	-2.3	24.01	30	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	26.59	-2.3	24.29	30	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	26.78	-2.3	24.48	30	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	26.25	-2.3	23.95	30	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	26.44	-2.3	24.14	30	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM16	25.73	-2.3	23.43	30	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM16	25.49	-2.3	23.19	30	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM16	25.63	-2.3	23.33	30	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM64	24.31	-2.3	22.01	30	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM64	24.21	-2.3	21.91	30	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM64	24.49	-2.3	22.19	30	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM256	22.31	-2.3	20.01	30	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM256	22.06	-2.3	19.76	30	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM256	22.29	-2.3	19.99	30	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	25.29	-2.3	22.99	30	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	24.79	-2.3	22.49	30	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	24.95	-2.3	22.65	30	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM16	24.73	-2.3	22.43	30	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM16	24.57	-2.3	22.27	30	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM16	24.68	-2.3	22.38	30	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM64	23.26	-2.3	20.96	30	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM64	22.77	-2.3	20.47	30	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM64	22.95	-2.3	20.65	30	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM256	20.33	-2.3	18.03	30	PASS

n77(3700-3980)	30	60	663332	1@1	CP_QAM256	19.82	-2.3	17.52	30	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM256	20.03	-2.3	17.73	30	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	27.08	-2.3	24.78	30	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	26.46	-2.3	24.16	30	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	26.33	-2.3	24.03	30	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	27.02	-2.3	24.72	30	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	26.27	-2.3	23.97	30	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	26.09	-2.3	23.79	30	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM16	26.13	-2.3	23.83	30	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM16	25.42	-2.3	23.12	30	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM16	25.35	-2.3	23.05	30	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM64	24.66	-2.3	22.36	30	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM64	24.28	-2.3	21.98	30	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM64	24.11	-2.3	21.81	30	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM256	22.65	-2.3	20.35	30	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM256	22.02	-2.3	19.72	30	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM256	21.89	-2.3	19.59	30	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	25.62	-2.3	23.32	30	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	24.98	-2.3	22.68	30	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	24.78	-2.3	22.48	30	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM16	25.12	-2.3	22.82	30	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM16	24.66	-2.3	22.36	30	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM16	24.52	-2.3	22.22	30	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM64	23.52	-2.3	21.22	30	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM64	22.71	-2.3	20.41	30	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM64	22.54	-2.3	20.24	30	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM256	20.51	-2.3	18.21	30	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM256	20.00	-2.3	17.70	30	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM256	19.83	-2.3	17.53	30	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	26.91	-2.3	24.61	30	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	26.32	-2.3	24.02	30	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	26.31	-2.3	24.01	30	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	26.89	-2.3	24.59	30	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	26.14	-2.3	23.84	30	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	26.14	-2.3	23.84	30	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM16	25.94	-2.3	23.64	30	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM16	25.36	-2.3	23.06	30	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM16	25.33	-2.3	23.03	30	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM64	24.46	-2.3	22.16	30	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM64	23.64	-2.3	21.34	30	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM64	23.66	-2.3	21.36	30	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM256	22.55	-2.3	20.25	30	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM256	21.95	-2.3	19.65	30	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM256	22.01	-2.3	19.71	30	PASS

n77(3700-3980)	30	80	656000	109@54	CP_QPSK	25.39	-2.3	23.09	30	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	24.95	-2.3	22.65	30	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	24.86	-2.3	22.56	30	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM16	24.98	-2.3	22.68	30	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM16	24.56	-2.3	22.26	30	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM16	24.55	-2.3	22.25	30	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM64	23.48	-2.3	21.18	30	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM64	22.71	-2.3	20.41	30	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM64	22.79	-2.3	20.49	30	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM256	20.50	-2.3	18.20	30	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM256	20.03	-2.3	17.73	30	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM256	20.05	-2.3	17.75	30	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	26.82	-2.3	24.52	30	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	26.41	-2.3	24.11	30	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	26.40	-2.3	24.10	30	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	26.74	-2.3	24.44	30	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	26.26	-2.3	23.96	30	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	26.23	-2.3	23.93	30	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM16	25.85	-2.3	23.55	30	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM16	25.42	-2.3	23.12	30	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM16	25.51	-2.3	23.21	30	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM64	24.37	-2.3	22.07	30	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM64	23.61	-2.3	21.31	30	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM64	23.74	-2.3	21.44	30	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM256	22.37	-2.3	20.07	30	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM256	22.02	-2.3	19.72	30	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM256	22.03	-2.3	19.73	30	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	25.28	-2.3	22.98	30	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	24.89	-2.3	22.59	30	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QPSK	25.05	-2.3	22.75	30	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM16	24.78	-2.3	22.48	30	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM16	24.61	-2.3	22.31	30	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM16	24.75	-2.3	22.45	30	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM64	23.36	-2.3	21.06	30	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM64	22.77	-2.3	20.47	30	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM64	22.86	-2.3	20.56	30	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM256	20.36	-2.3	18.06	30	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM256	20.13	-2.3	17.83	30	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM256	20.15	-2.3	17.85	30	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	26.99	-2.3	24.69	30	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	26.27	-2.3	23.97	30	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	26.12	-2.3	23.82	30	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	26.95	-2.3	24.65	30	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	26.17	-2.3	23.87	30	PASS

n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	26.03	-2.3	23.73	30	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM16	26.02	-2.3	23.72	30	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM16	25.31	-2.3	23.01	30	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM16	25.22	-2.3	22.92	30	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM64	24.52	-2.3	22.22	30	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM64	23.47	-2.3	21.17	30	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM64	23.45	-2.3	21.15	30	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM256	22.50	-2.3	20.20	30	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM256	21.85	-2.3	19.55	30	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM256	21.81	-2.3	19.51	30	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	25.42	-2.3	23.12	30	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	24.88	-2.3	22.58	30	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	24.67	-2.3	22.37	30	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM16	24.91	-2.3	22.61	30	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM16	24.41	-2.3	22.11	30	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM16	24.26	-2.3	21.96	30	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM64	23.44	-2.3	21.14	30	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM64	22.51	-2.3	20.21	30	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM64	22.50	-2.3	20.20	30	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM256	20.48	-2.3	18.18	30	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM256	19.79	-2.3	17.49	30	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM256	19.72	-2.3	17.42	30	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	26.97	-2.3	24.67	30	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	26.12	-2.3	23.82	30	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	26.15	-2.3	23.85	30	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	26.99	-2.3	24.69	30	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	25.96	-2.3	23.66	30	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	25.94	-2.3	23.64	30	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM16	25.92	-2.3	23.62	30	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM16	25.20	-2.3	22.90	30	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM16	25.15	-2.3	22.85	30	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM64	24.49	-2.3	22.19	30	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM64	23.72	-2.3	21.42	30	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM64	23.34	-2.3	21.04	30	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM256	22.46	-2.3	20.16	30	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM256	21.78	-2.3	19.48	30	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM256	21.84	-2.3	19.54	30	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	25.41	-2.3	23.11	30	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	24.66	-2.3	22.36	30	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	24.65	-2.3	22.35	30	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM16	24.84	-2.3	22.54	30	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM16	24.34	-2.3	22.04	30	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM16	24.20	-2.3	21.90	30	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM64	23.43	-2.3	21.13	30	PASS

n77(3700-3980)	30	90	656000	1@1	CP_QAM64	22.03	-2.3	19.73	30	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM64	22.39	-2.3	20.09	30	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM256	20.40	-2.3	18.10	30	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM256	19.74	-2.3	17.44	30	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM256	19.88	-2.3	17.58	30	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	26.78	-2.3	24.48	30	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	26.17	-2.3	23.87	30	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	26.29	-2.3	23.99	30	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	26.83	-2.3	24.53	30	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	26.06	-2.3	23.76	30	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	26.19	-2.3	23.89	30	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM16	25.81	-2.3	23.51	30	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM16	25.24	-2.3	22.94	30	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM16	25.33	-2.3	23.03	30	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM64	24.26	-2.3	21.96	30	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM64	23.40	-2.3	21.10	30	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM64	23.87	-2.3	21.57	30	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM256	22.32	-2.3	20.02	30	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM256	21.76	-2.3	19.46	30	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM256	22.01	-2.3	19.71	30	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	25.26	-2.3	22.96	30	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	24.68	-2.3	22.38	30	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	24.93	-2.3	22.63	30	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM16	24.72	-2.3	22.42	30	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM16	24.32	-2.3	22.02	30	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM16	24.45	-2.3	22.15	30	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM64	23.20	-2.3	20.90	30	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM64	22.48	-2.3	20.18	30	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM64	22.19	-2.3	19.89	30	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM256	20.24	-2.3	17.94	30	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM256	19.95	-2.3	17.65	30	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM256	20.17	-2.3	17.87	30	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	27.03	-2.3	24.73	30	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	26.09	-2.3	23.79	30	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	25.94	-2.3	23.64	30	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	27.02	-2.3	24.72	30	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	25.94	-2.3	23.64	30	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	25.86	-2.3	23.56	30	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM16	26.03	-2.3	23.73	30	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM16	25.03	-2.3	22.73	30	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM16	24.97	-2.3	22.67	30	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM64	24.53	-2.3	22.23	30	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM64	23.79	-2.3	21.49	30	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM64	23.63	-2.3	21.33	30	PASS

n77(3700-3980)	30	100	650000	135@67	DFT_QAM256	22.56	-2.3	20.26	30	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM256	21.66	-2.3	19.36	30	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM256	21.58	-2.3	19.28	30	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	25.49	-2.3	23.19	30	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	24.34	-2.3	22.04	30	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	24.24	-2.3	21.94	30	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM16	25.02	-2.3	22.72	30	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM16	24.00	-2.3	21.70	30	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM16	23.95	-2.3	21.65	30	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM64	23.52	-2.3	21.22	30	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM64	22.53	-2.3	20.23	30	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM64	22.48	-2.3	20.18	30	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM256	20.45	-2.3	18.15	30	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM256	19.53	-2.3	17.23	30	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM256	19.46	-2.3	17.16	30	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	26.99	-2.3	24.69	30	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	26.02	-2.3	23.72	30	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	26.04	-2.3	23.74	30	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	26.89	-2.3	24.59	30	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	25.80	-2.3	23.50	30	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	25.86	-2.3	23.56	30	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM16	25.93	-2.3	23.63	30	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM16	25.29	-2.3	22.99	30	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM16	25.29	-2.3	22.99	30	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM64	24.44	-2.3	22.14	30	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM64	23.58	-2.3	21.28	30	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM64	23.61	-2.3	21.31	30	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM256	22.52	-2.3	20.22	30	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM256	21.59	-2.3	19.29	30	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM256	21.62	-2.3	19.32	30	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	25.40	-2.3	23.10	30	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	24.39	-2.3	22.09	30	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	24.39	-2.3	22.09	30	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM16	24.91	-2.3	22.61	30	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM16	24.08	-2.3	21.78	30	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM16	24.02	-2.3	21.72	30	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM64	23.36	-2.3	21.06	30	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM64	21.87	-2.3	19.57	30	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM64	22.38	-2.3	20.08	30	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM256	20.46	-2.3	18.16	30	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM256	19.45	-2.3	17.15	30	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM256	19.83	-2.3	17.53	30	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	26.83	-2.3	24.53	30	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	25.93	-2.3	23.63	30	PASS

n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	26.13	-2.3	23.83	30	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	26.81	-2.3	24.51	30	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	25.87	-2.3	23.57	30	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	25.93	-2.3	23.63	30	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM16	25.78	-2.3	23.48	30	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM16	24.98	-2.3	22.68	30	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM16	25.11	-2.3	22.81	30	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM64	24.30	-2.3	22.00	30	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM64	23.72	-2.3	21.42	30	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM64	23.84	-2.3	21.54	30	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM256	22.34	-2.3	20.04	30	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM256	21.62	-2.3	19.32	30	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM256	21.85	-2.3	19.55	30	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	25.22	-2.3	22.92	30	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QPSK	24.28	-2.3	21.98	30	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	24.50	-2.3	22.20	30	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM16	24.84	-2.3	22.54	30	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM16	23.99	-2.3	21.69	30	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM16	24.19	-2.3	21.89	30	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM64	23.37	-2.3	21.07	30	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM64	22.48	-2.3	20.18	30	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM64	22.62	-2.3	20.32	30	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM256	20.32	-2.3	18.02	30	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM256	19.51	-2.3	17.21	30	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM256	19.61	-2.3	17.31	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)	30	100	656000	135@67	DFT_BPSK	3.87	-28.31	-0.01	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	3.45	-31.92	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	4.45	-26.20	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	3.87	-31.88	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	3.45	-31.40	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	4.45	-20.91	-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)	30	100	656000	135@67	DFT_BPSK	-30	-28.54	-0.01	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	-20	-32.38	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	-10	-26.41	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	0	-31.88	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	10	-31.76	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	20	-20.66	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	30	-28.58	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	40	-31.72	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	50	-25.67	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-30	-32.2	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-20	-31.57	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-10	-32.18	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	0	-31.55	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	10	-31.68	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	20	-31.56	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	30	-32.14	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	40	-32.14	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	50	-31.35	-0.01		PASS

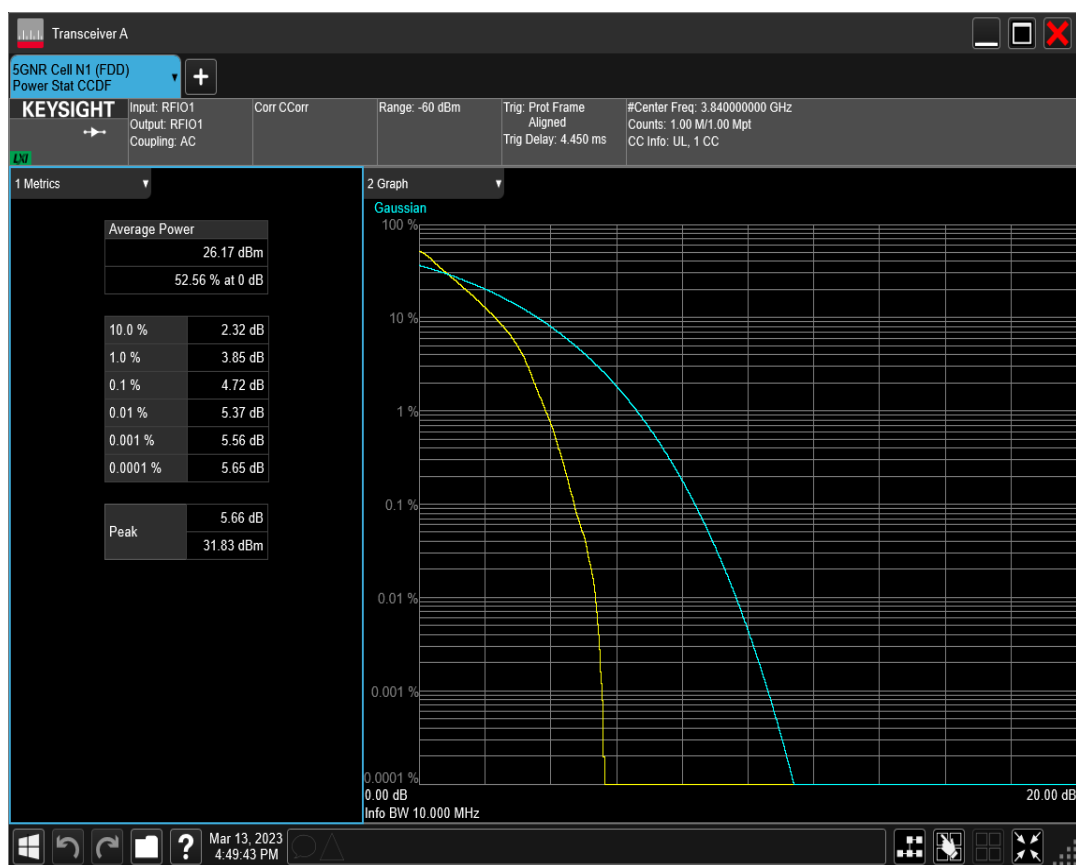
Note: Only the worst case shown in the report.

3 Peak-to-Average Ratio for NR FR1

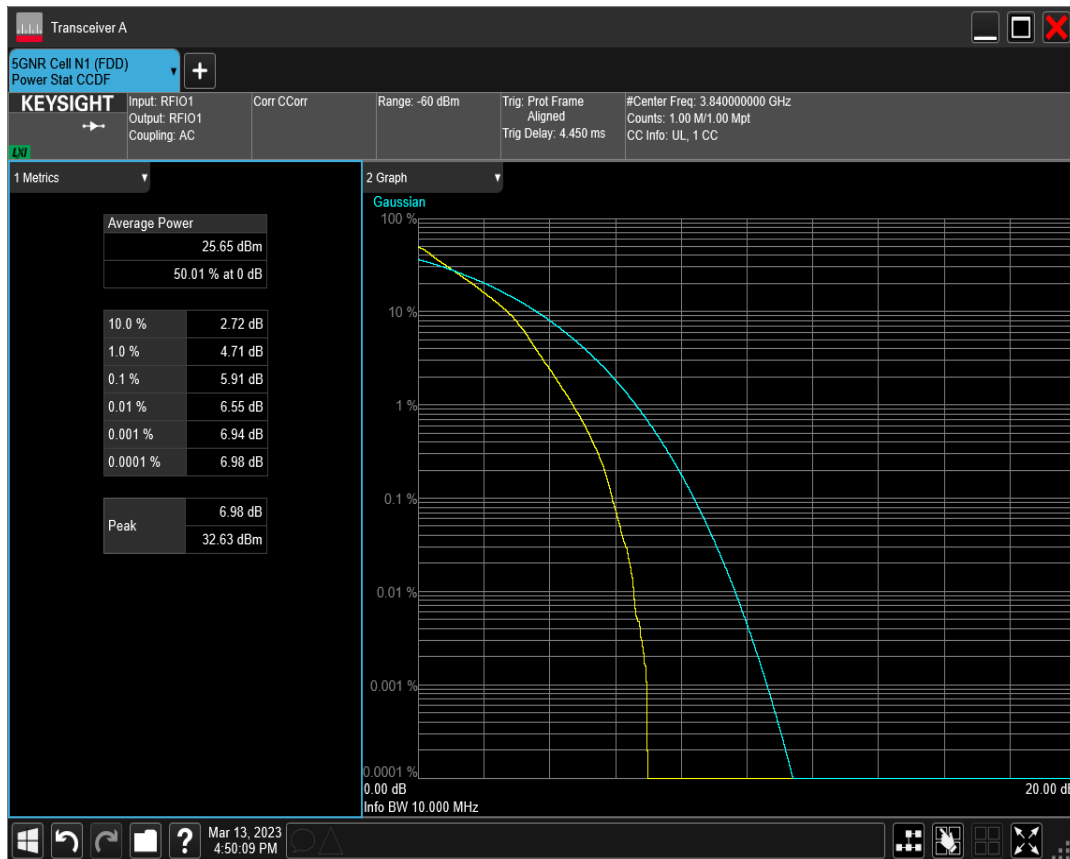
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	4.72	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	5.91	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	6.81	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	6.89	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	7.17	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	4.87	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	5.89	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	6.71	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	7.06	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	7.10	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	4.85	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	6.03	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	6.69	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	6.98	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	7.09	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_BPSK	4.75	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	5.97	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM16	6.77	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM64	6.90	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM256	7.10	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	4.84	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	5.99	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	6.74	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	7.03	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	7.09	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	5.14	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	5.94	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	6.74	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	7.07	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	6.97	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	4.77	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	5.97	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	6.77	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	6.88	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	7.14	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	5.40	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	5.94	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM16	6.72	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM64	7.06	13	PASS

n77(3700-3980)	30	80	656000	216@0	DFT_QAM256	7.12	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_BPSK	5.05	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QPSK	6.02	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM16	6.68	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM64	7.05	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM256	7.09	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	5.45	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	5.98	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM16	6.70	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM64	6.84	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM256	7.03	13	PASS

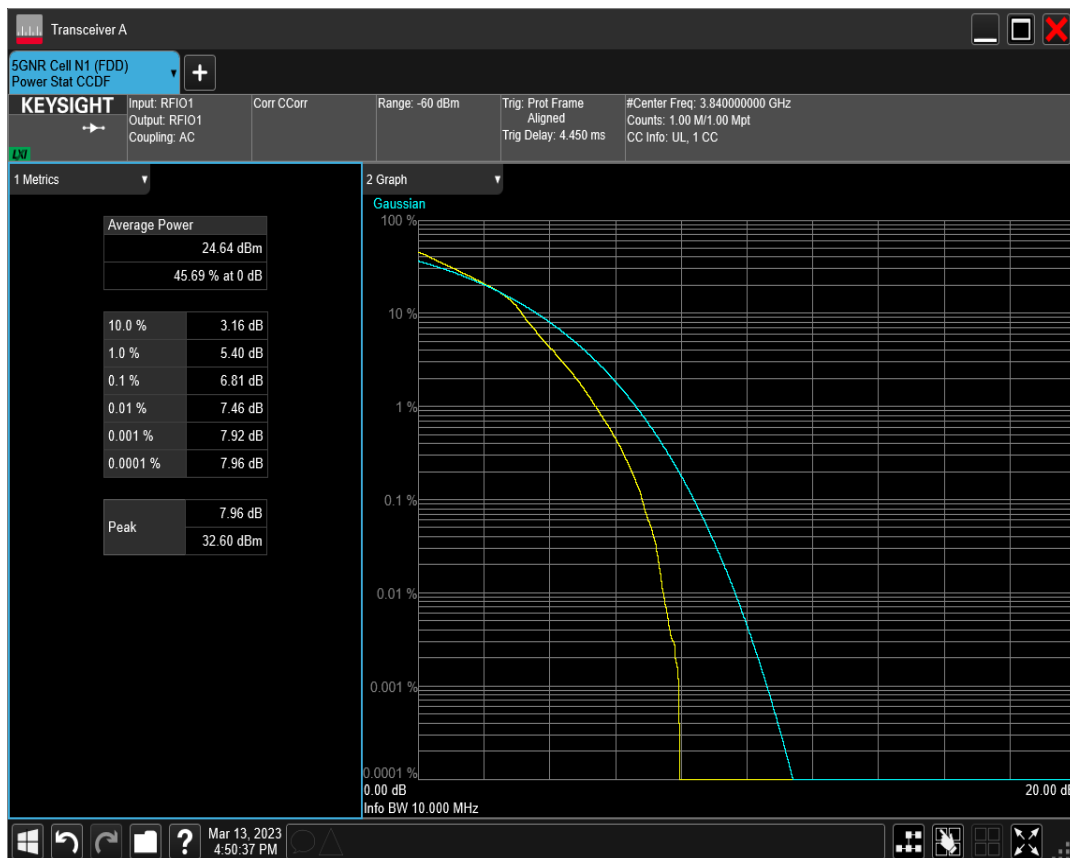
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz Channel=656000 RB=24@0



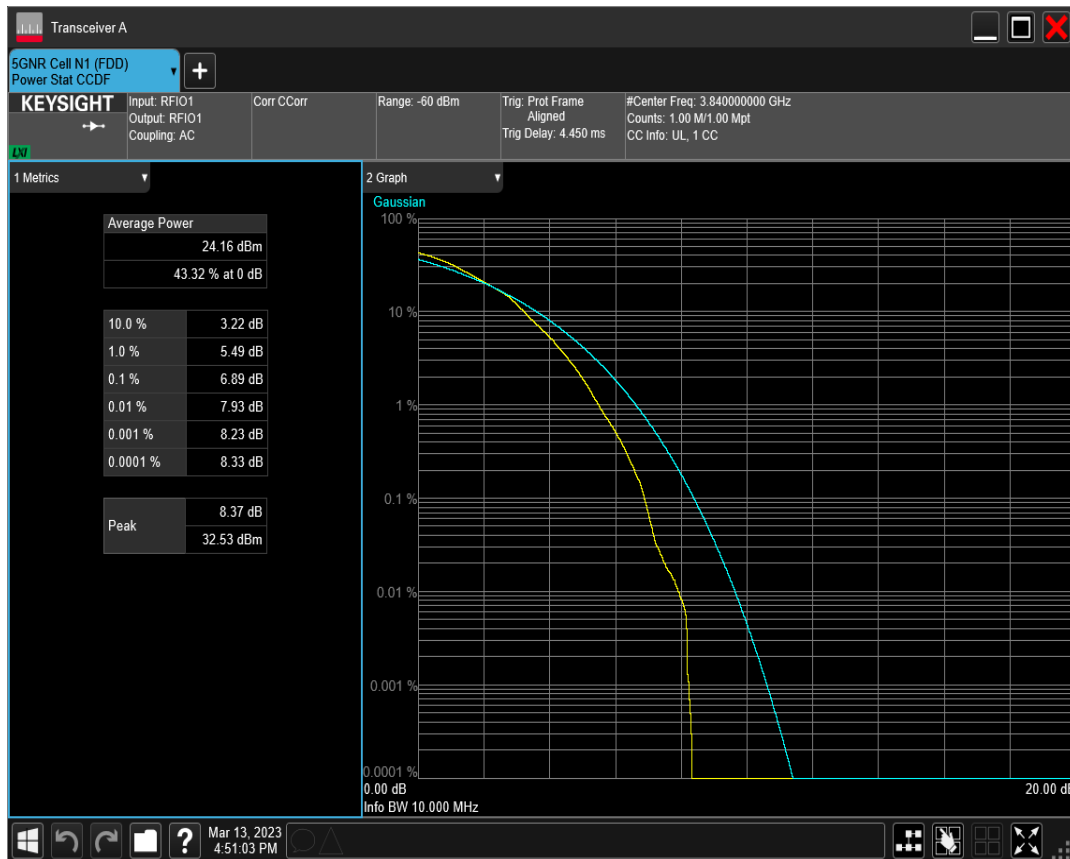
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=656000 RB=24@0



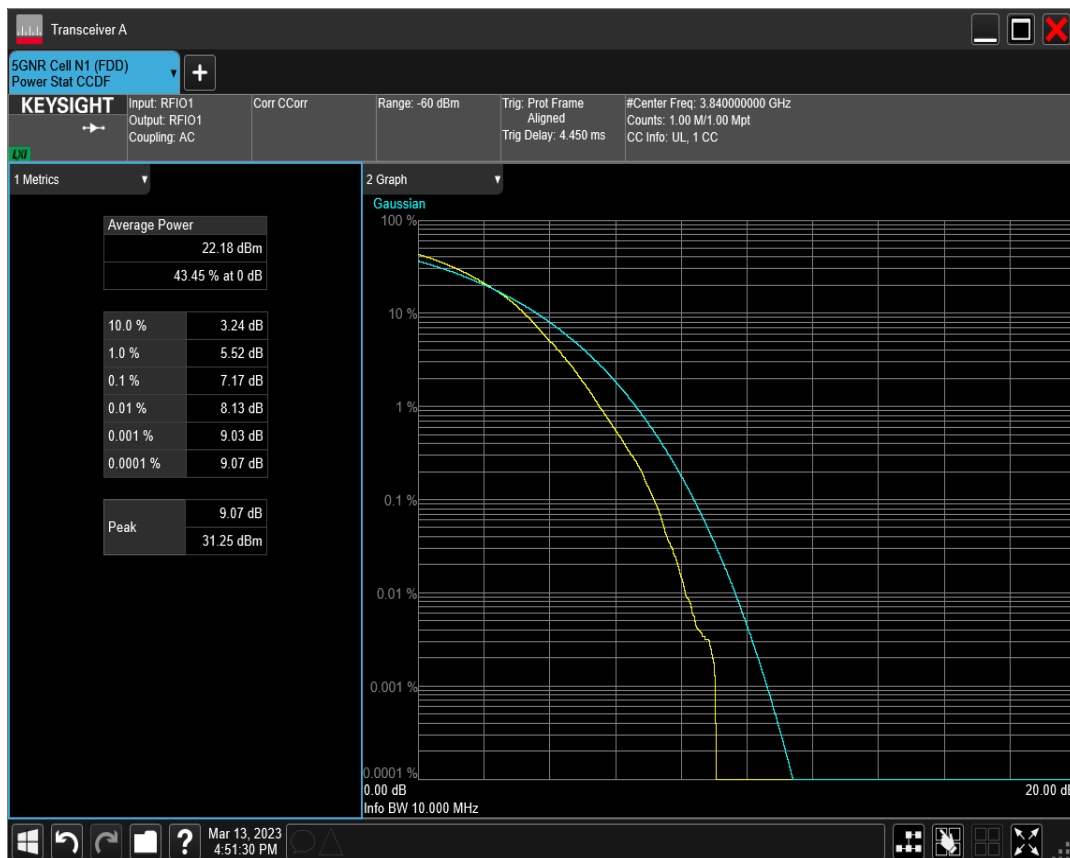
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=10MHz Channel=656000 RB=24@0



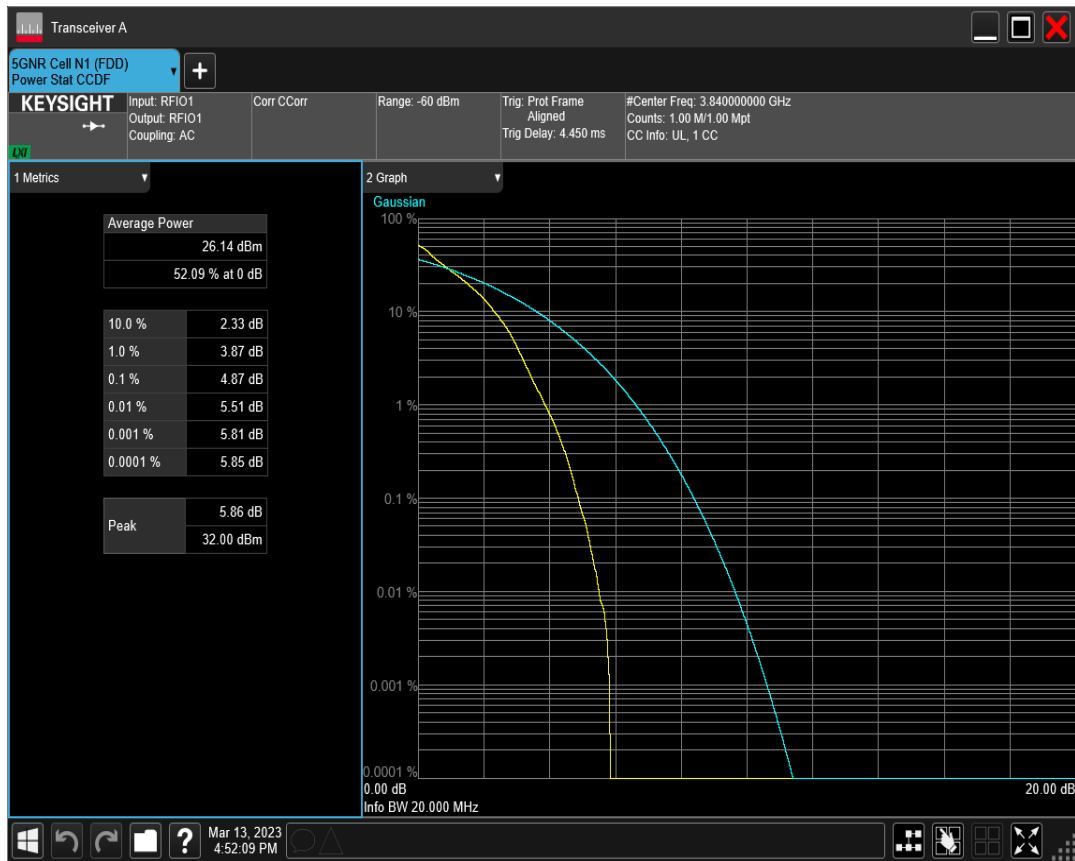
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=10MHz Channel=656000 RB=24@0



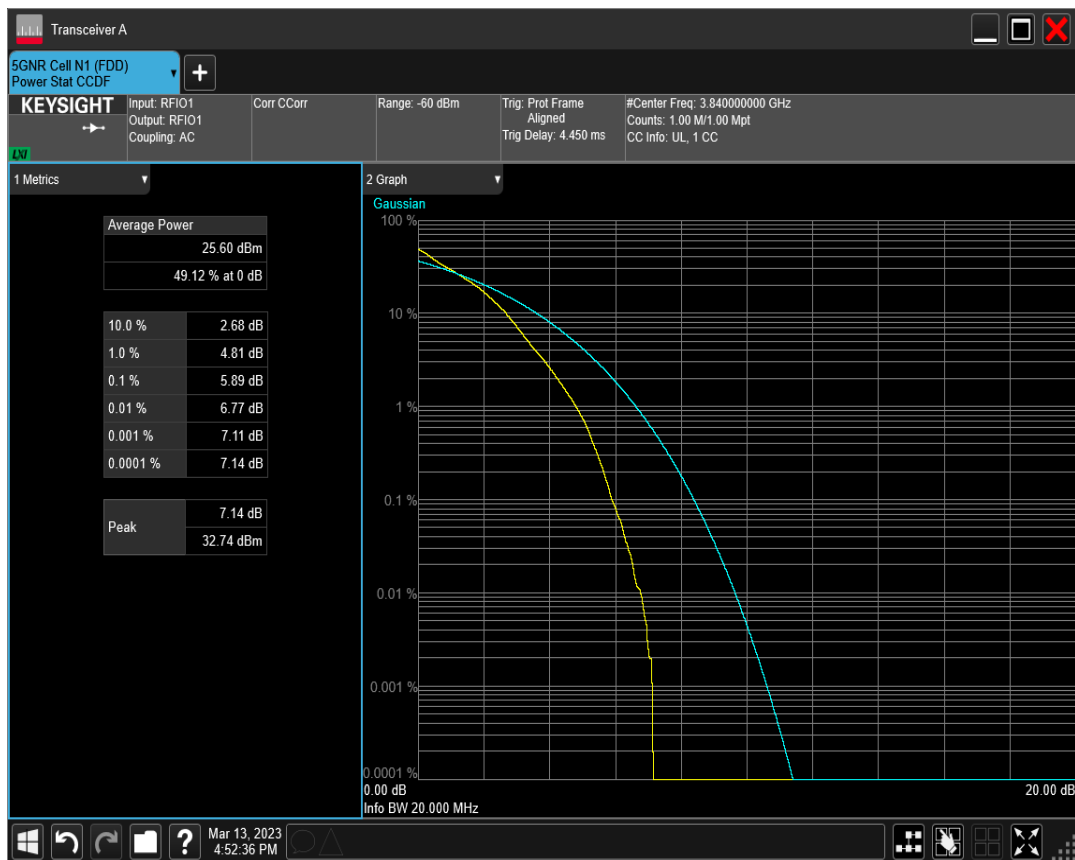
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=656000 RB=24@0



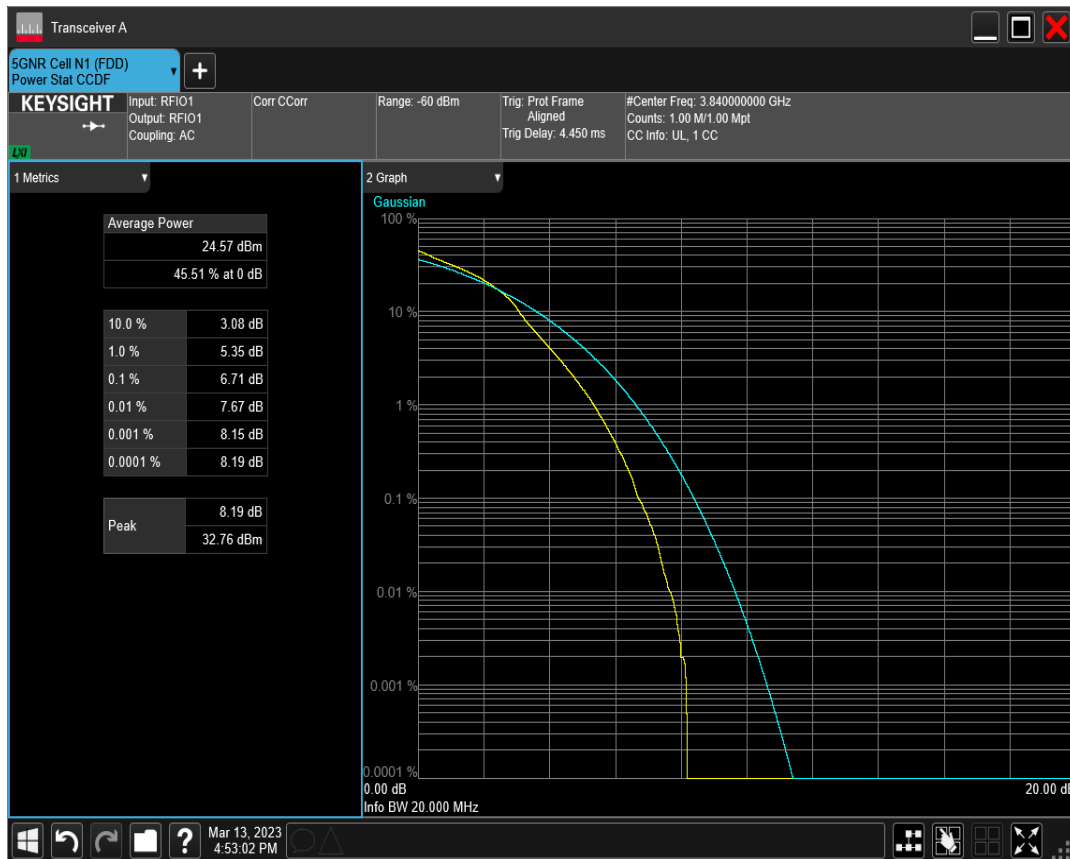
n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz Channel=656000 RB=36@0



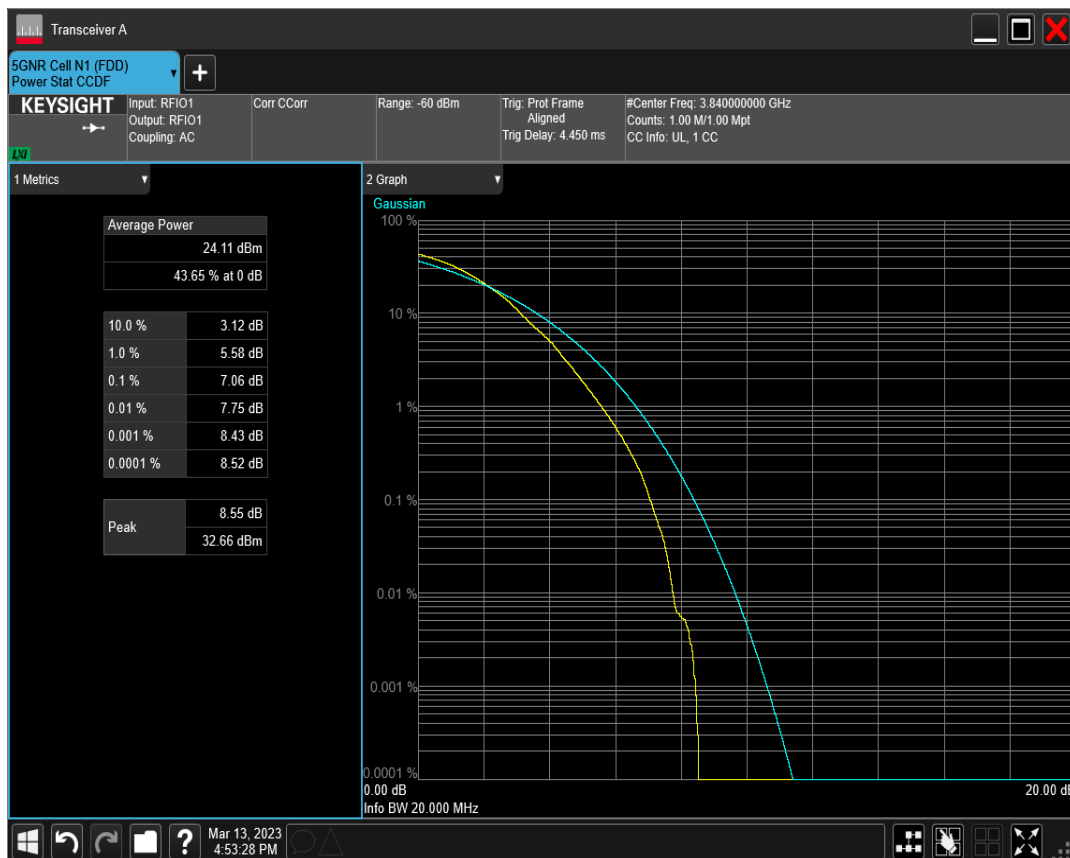
n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=656000 RB=36@0



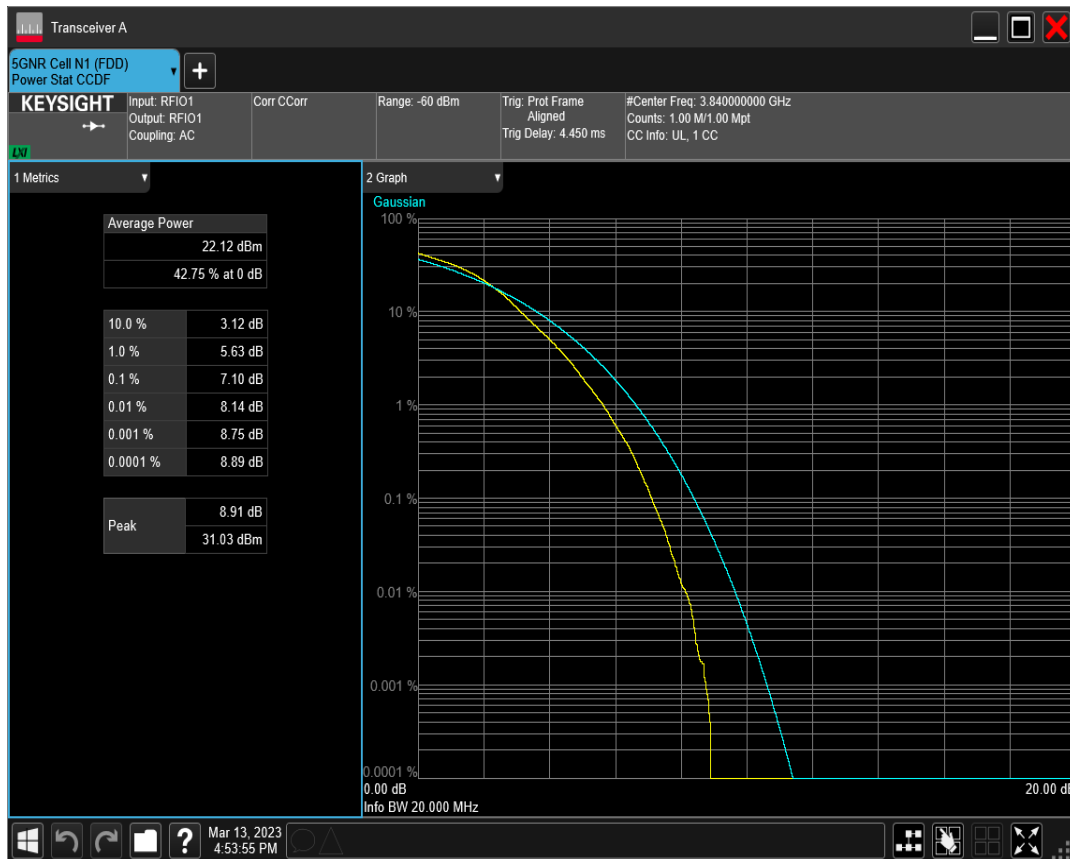
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=656000 RB=36@0



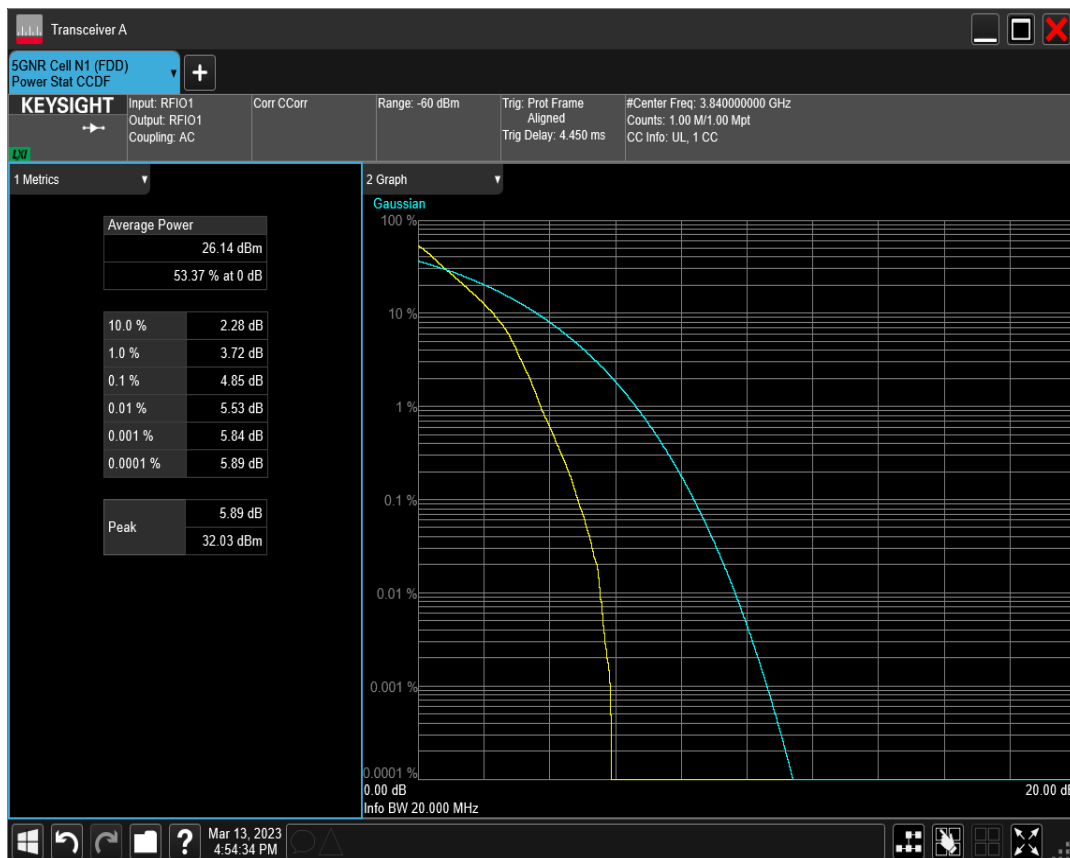
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=656000 RB=36@0



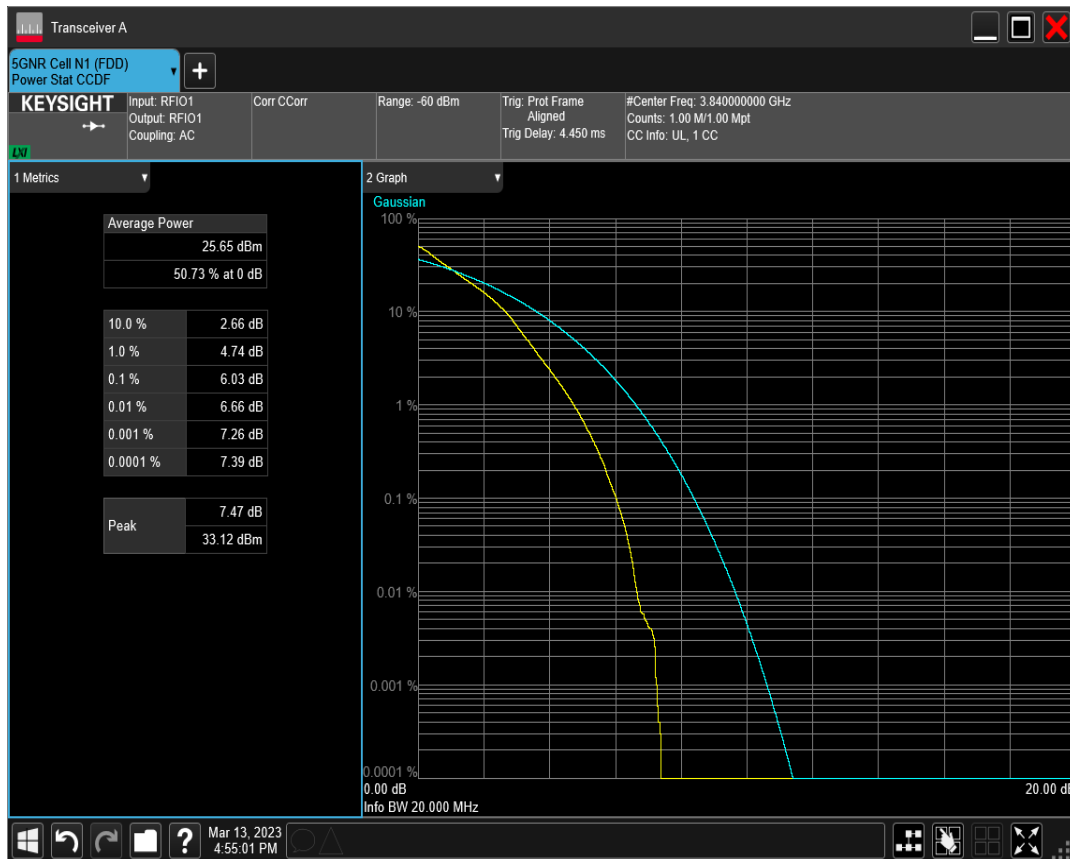
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=15MHz Channel=656000 RB=36@0



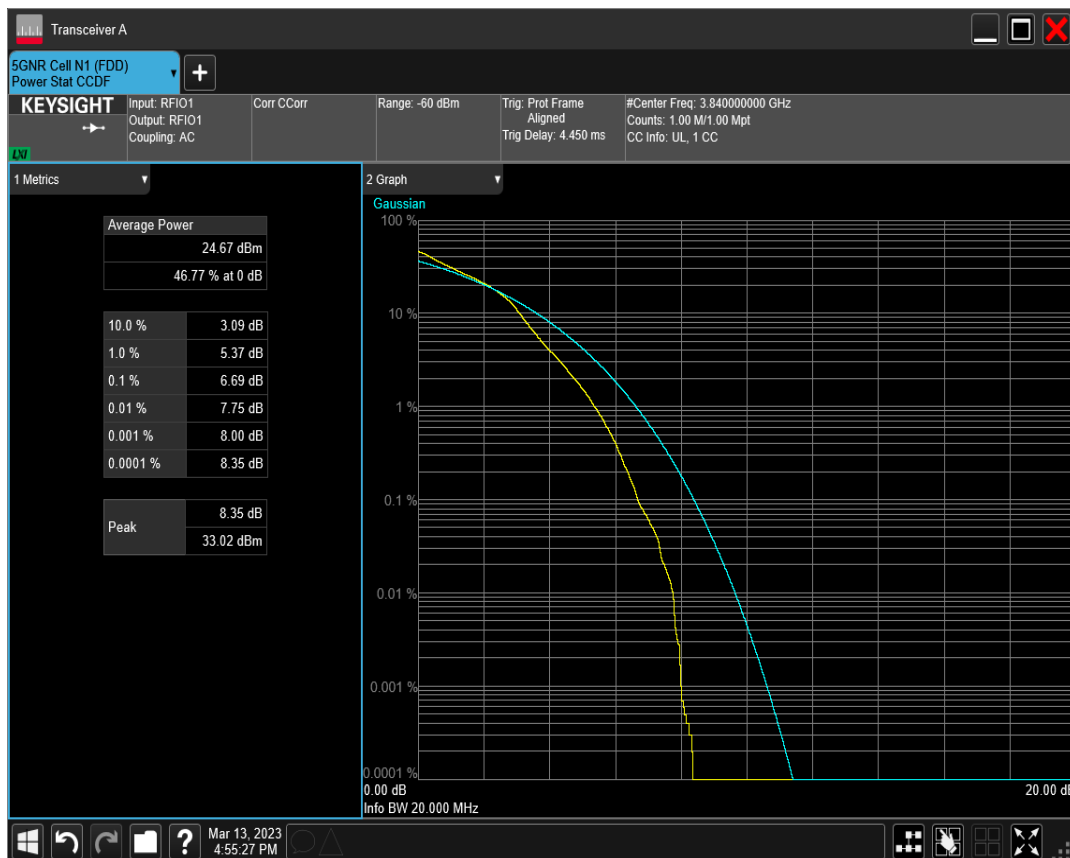
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz Channel=656000 RB=50@0



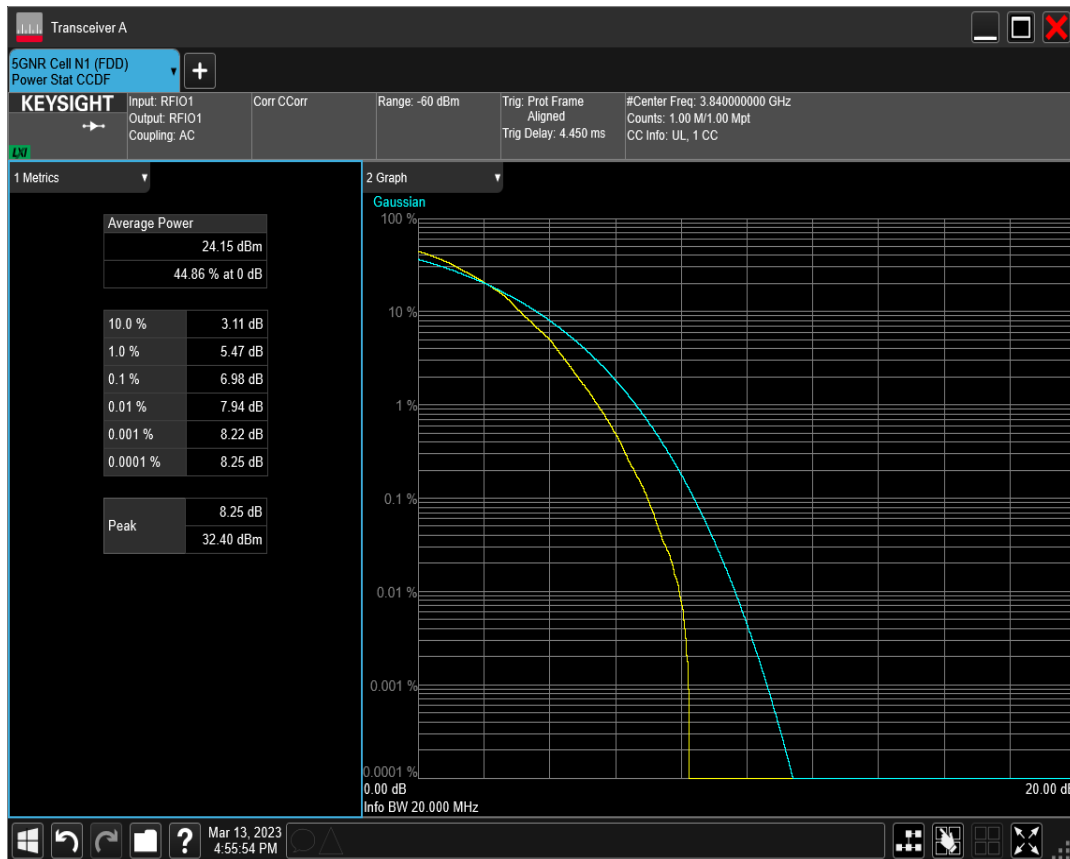
n77(3700-3980) SCS=30kHz DFT_QPSK BW=20MHz Channel=656000 RB=50@0



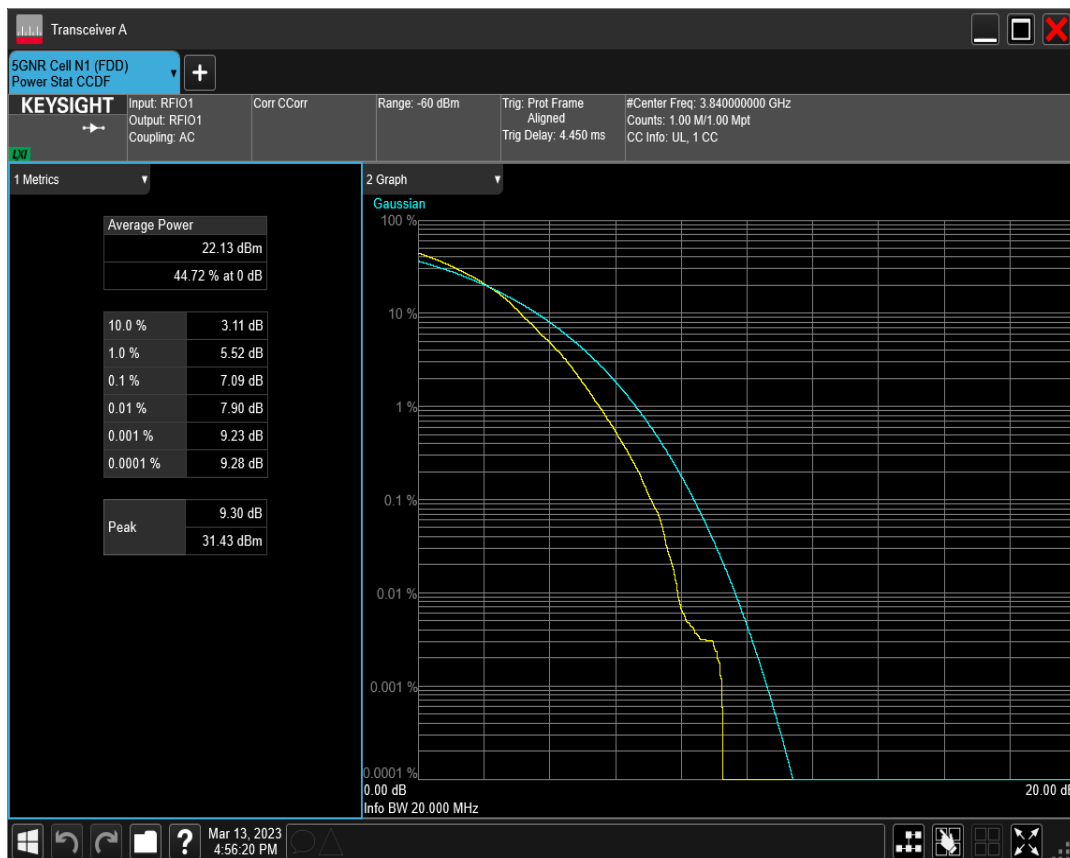
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=20MHz Channel=656000 RB=50@0



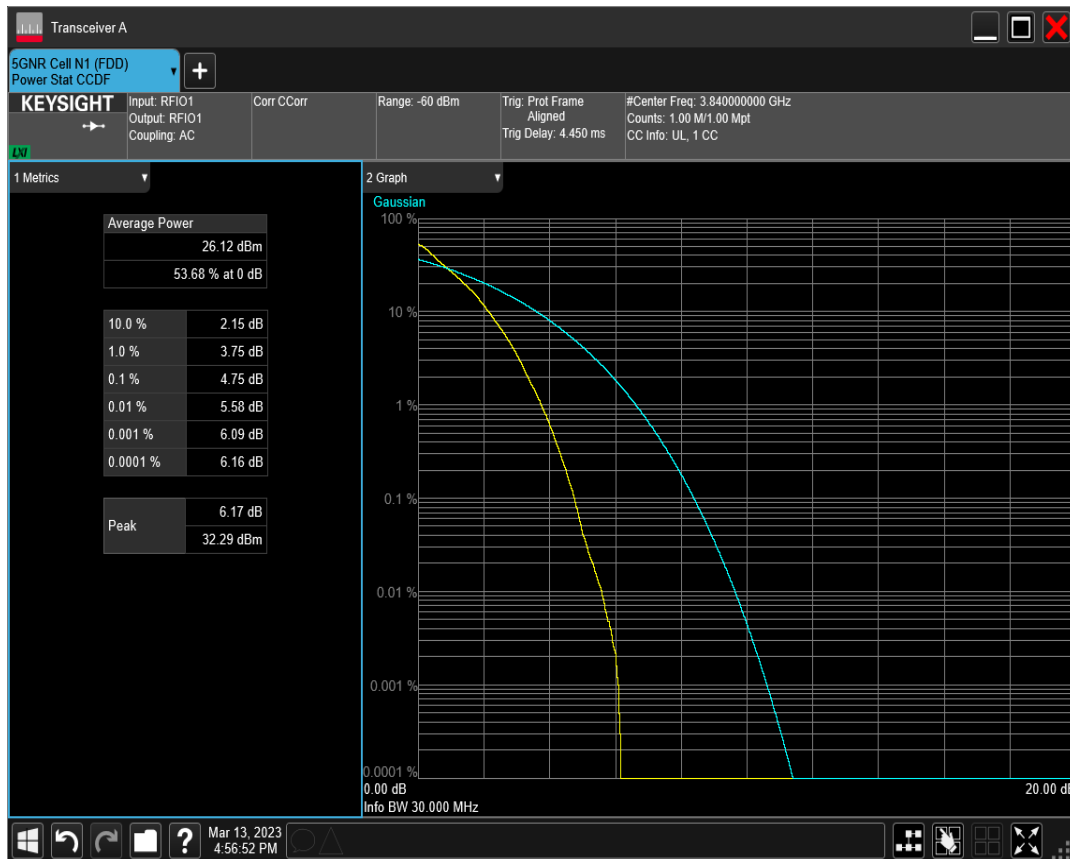
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=20MHz Channel=656000 RB=50@0



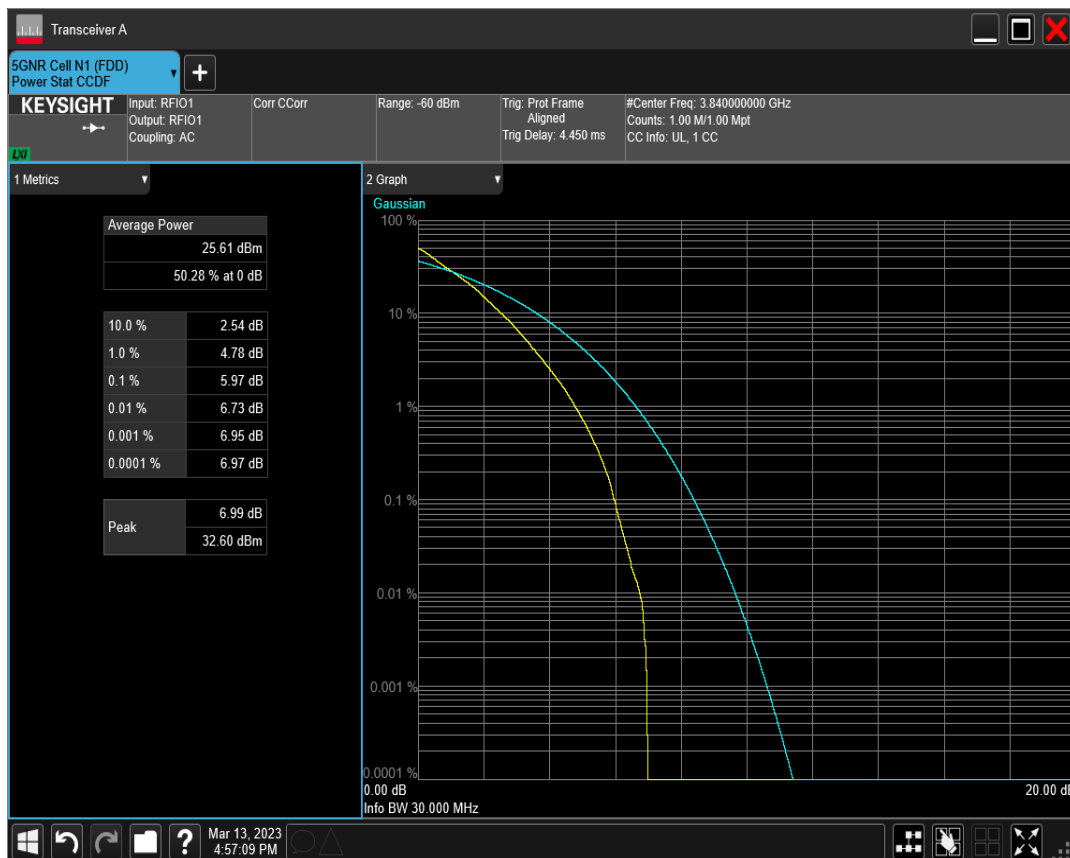
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=20MHz Channel=656000 RB=50@0



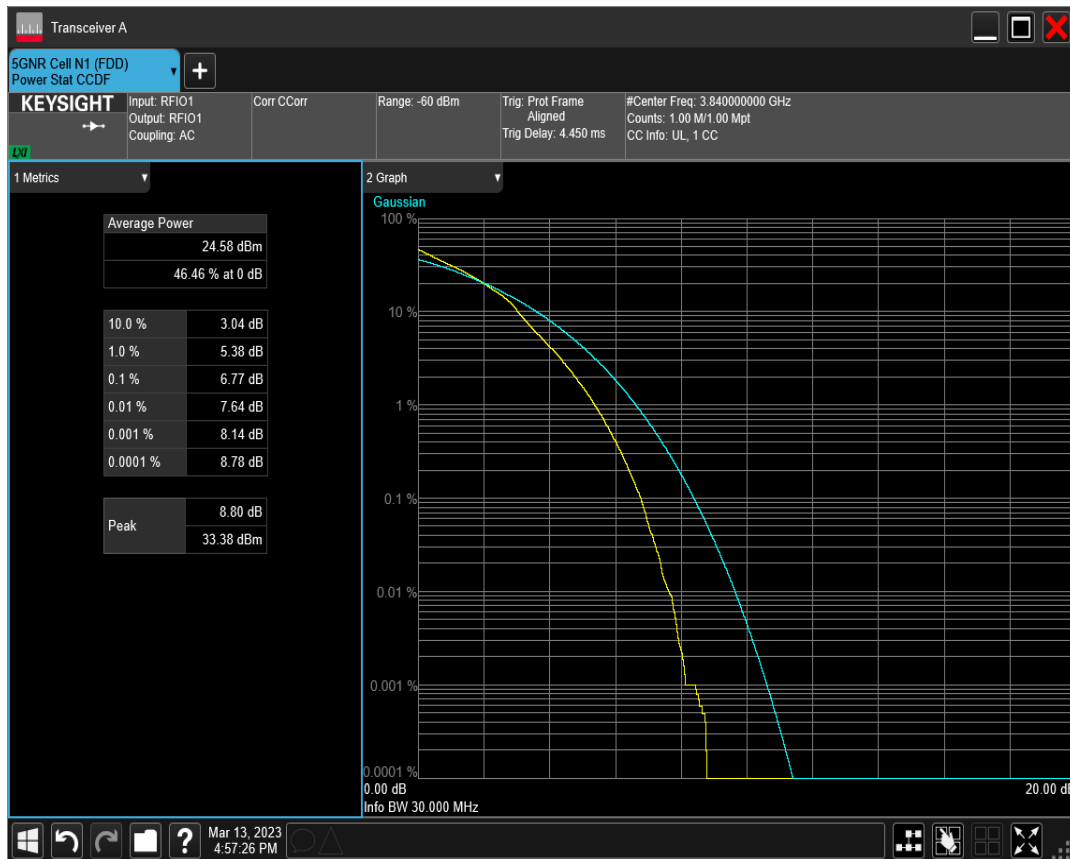
n77(3700-3980) SCS=30kHz DFT_BPSK BW=30MHz Channel=656000 RB=75@0



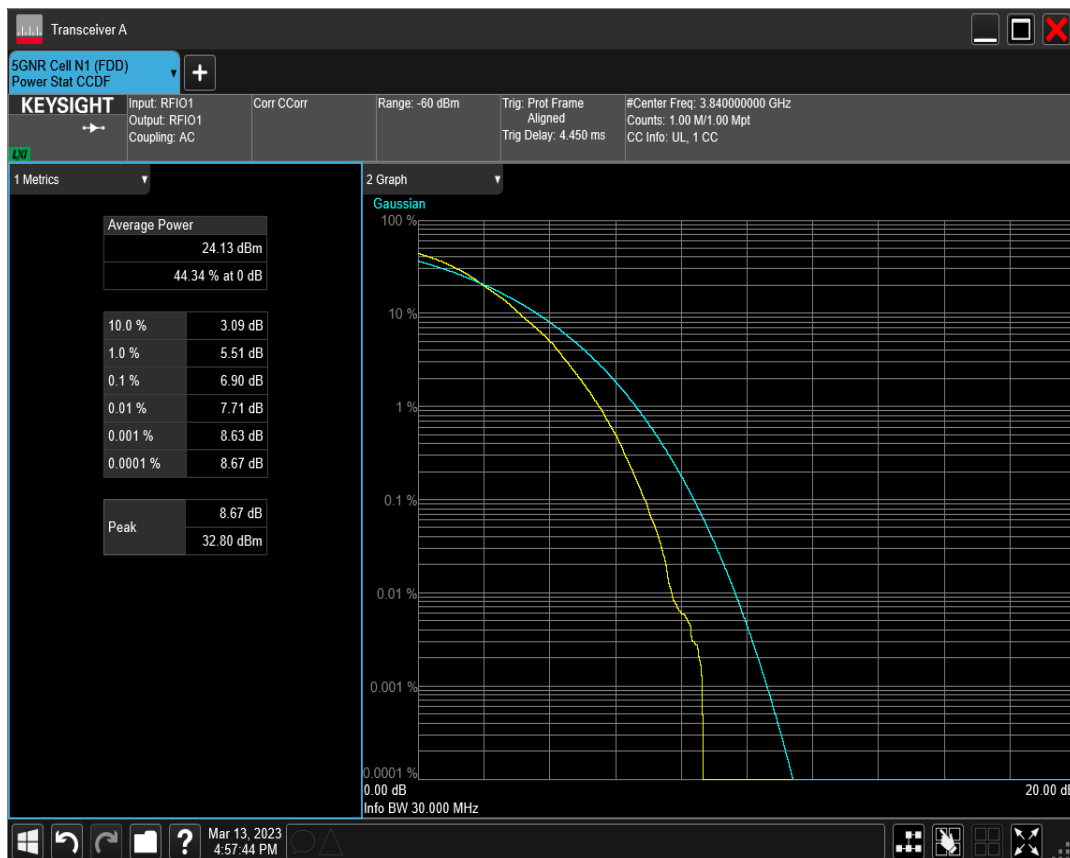
n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=656000 RB=75@0



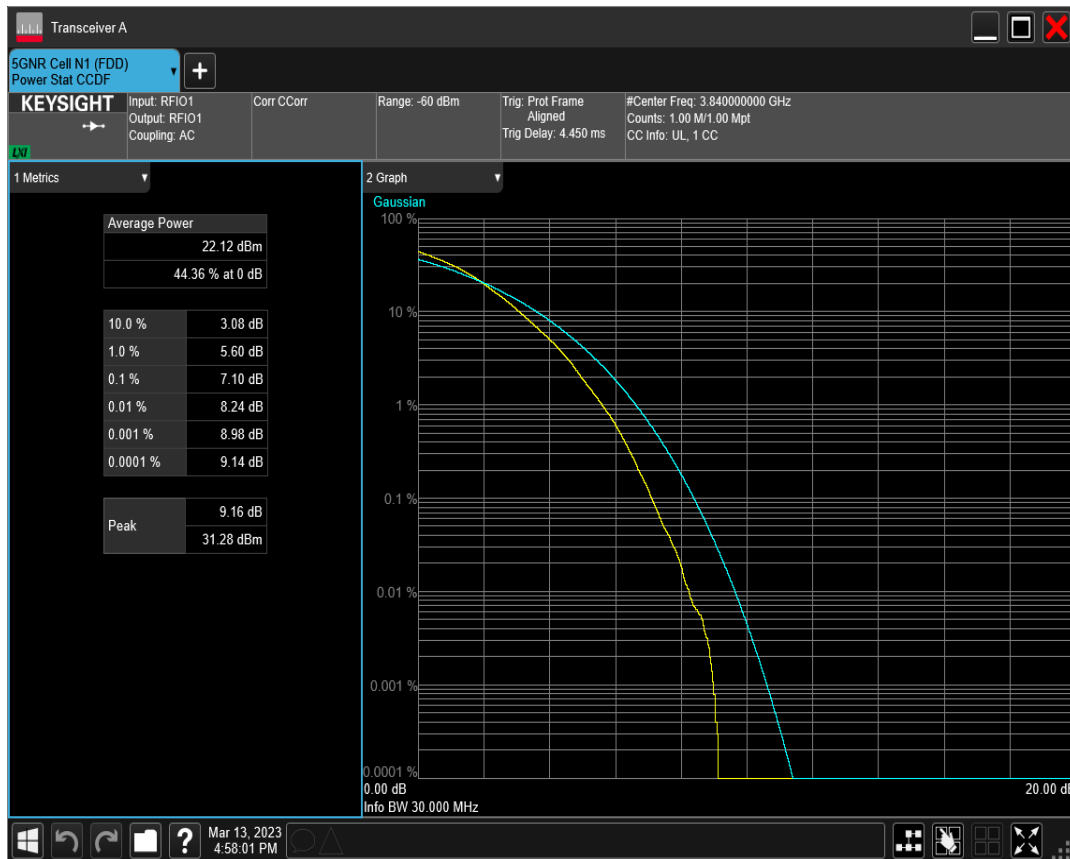
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=30MHz Channel=656000 RB=75@0



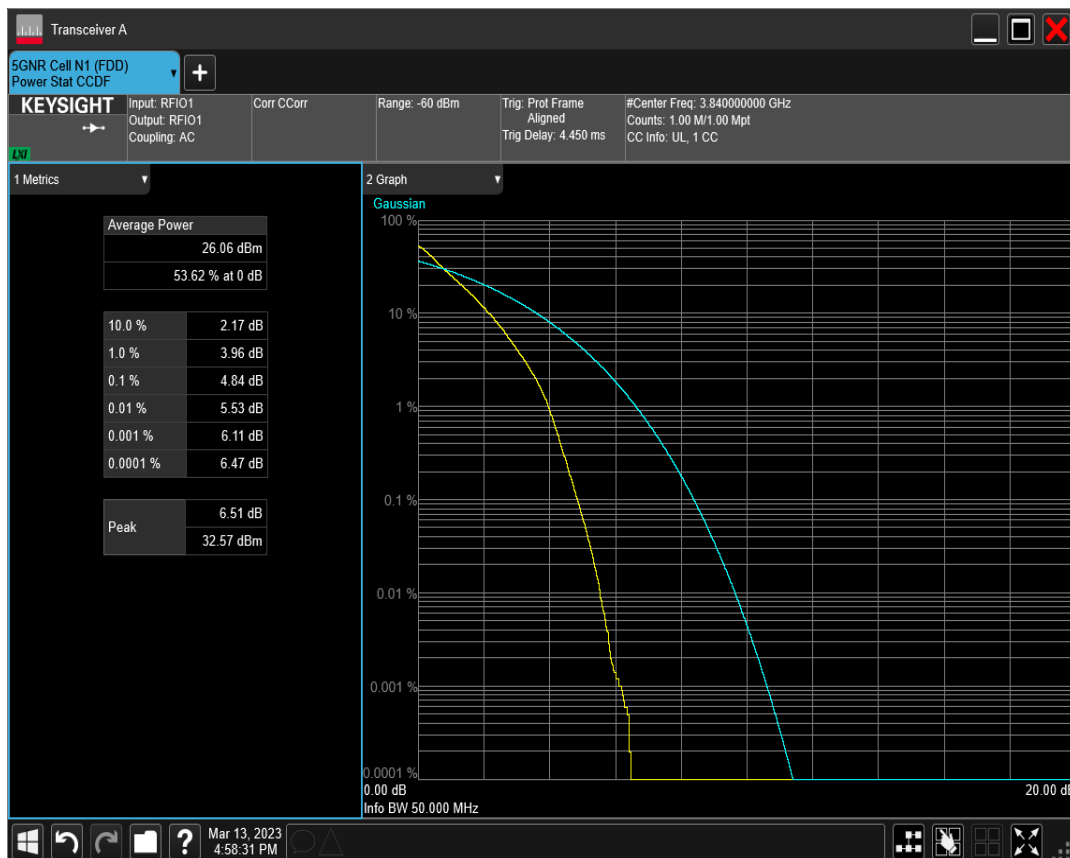
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=30MHz Channel=656000 RB=75@0



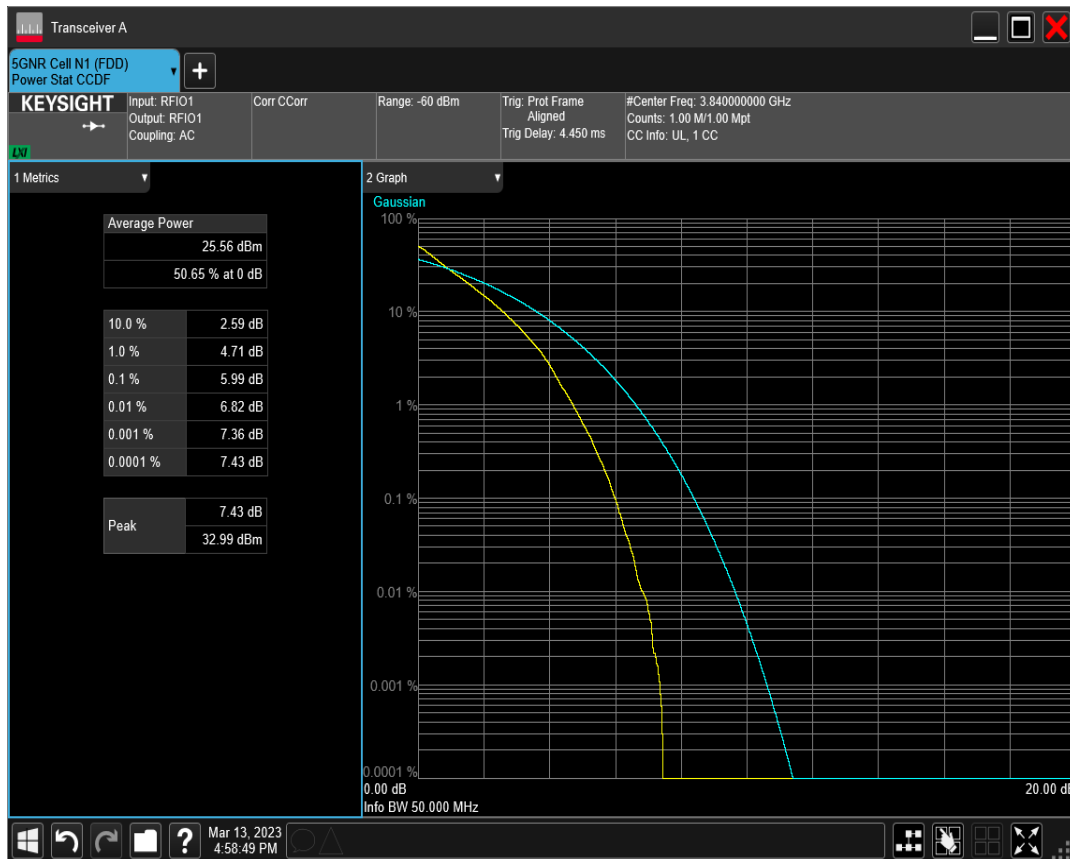
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=30MHz Channel=656000 RB=75@0



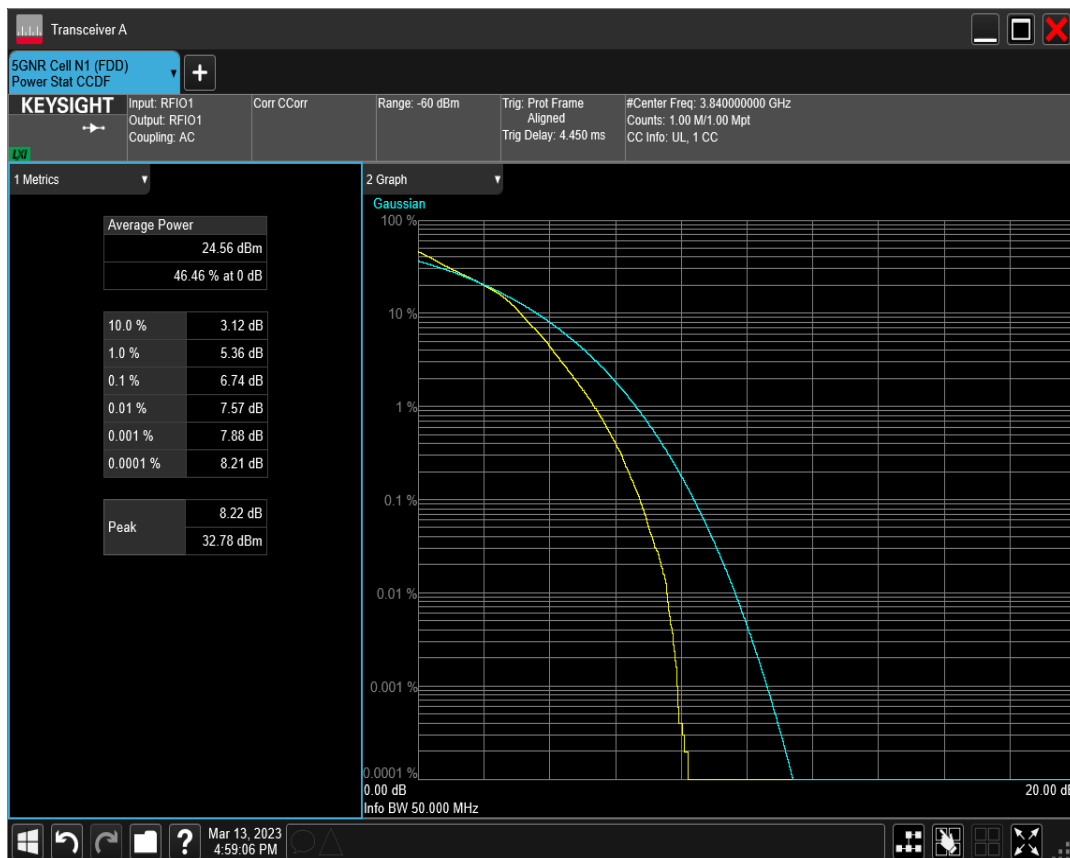
n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz Channel=656000 RB=100@0



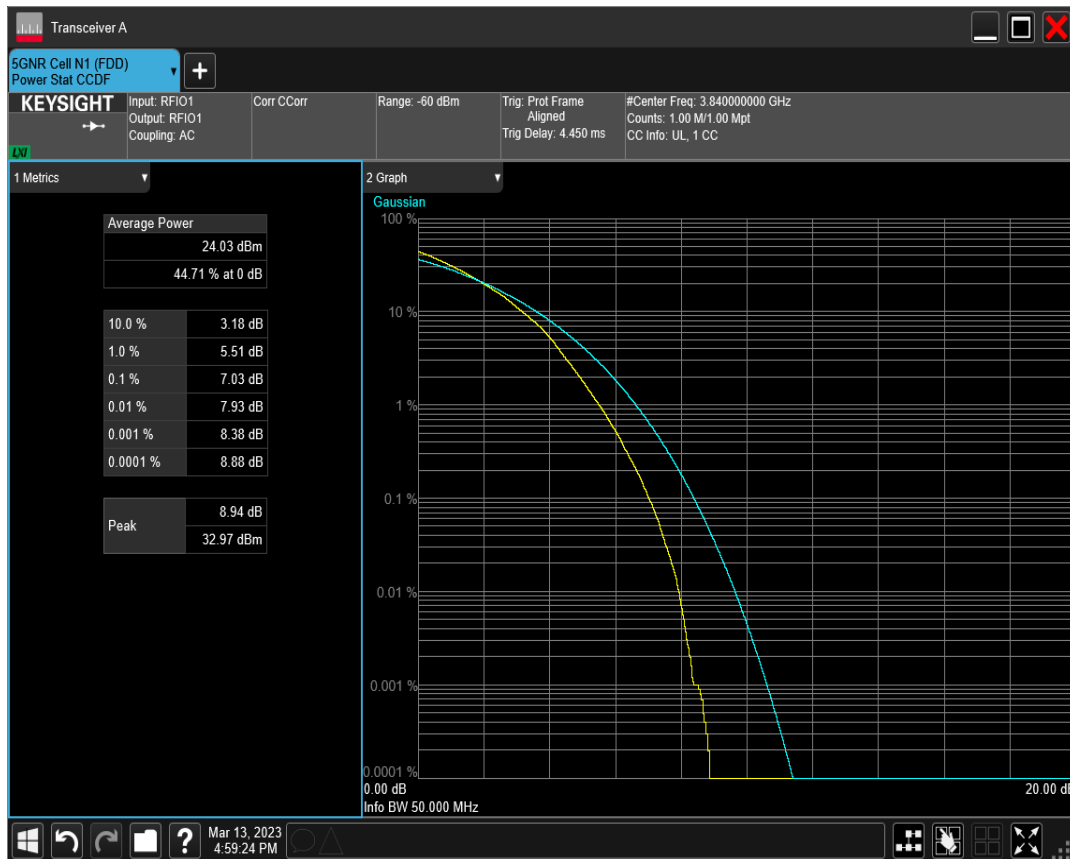
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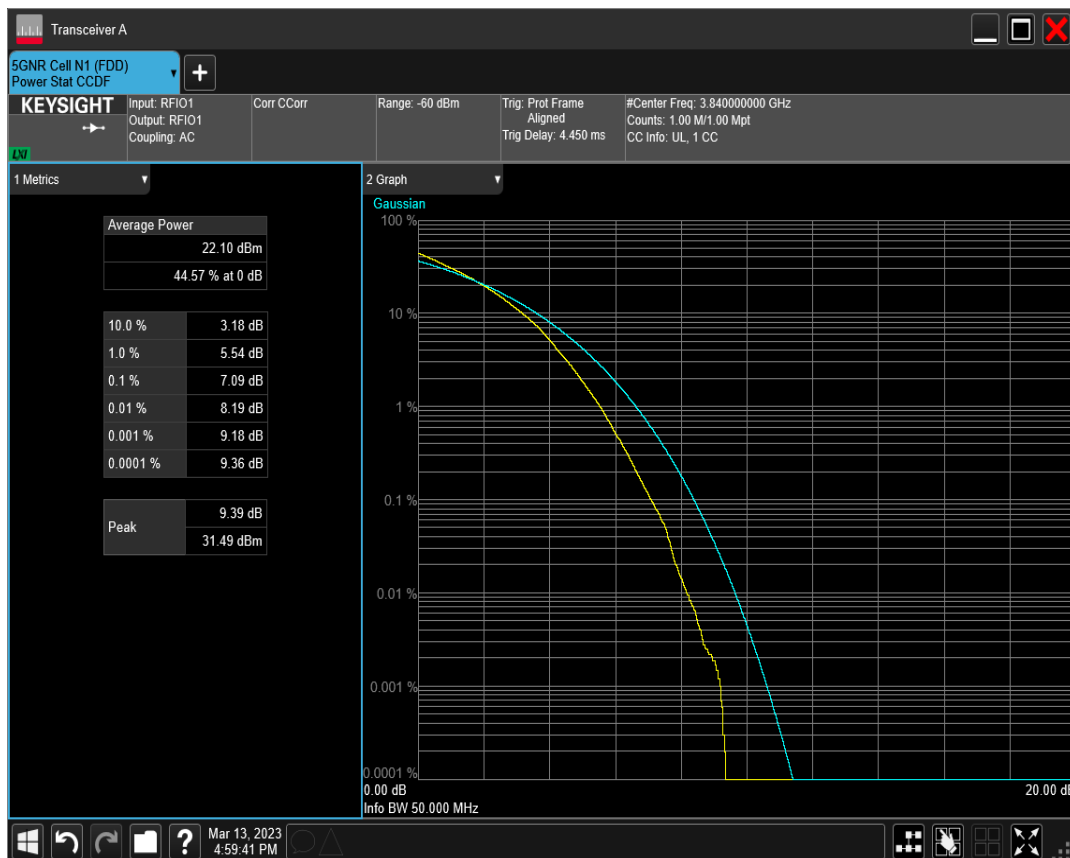
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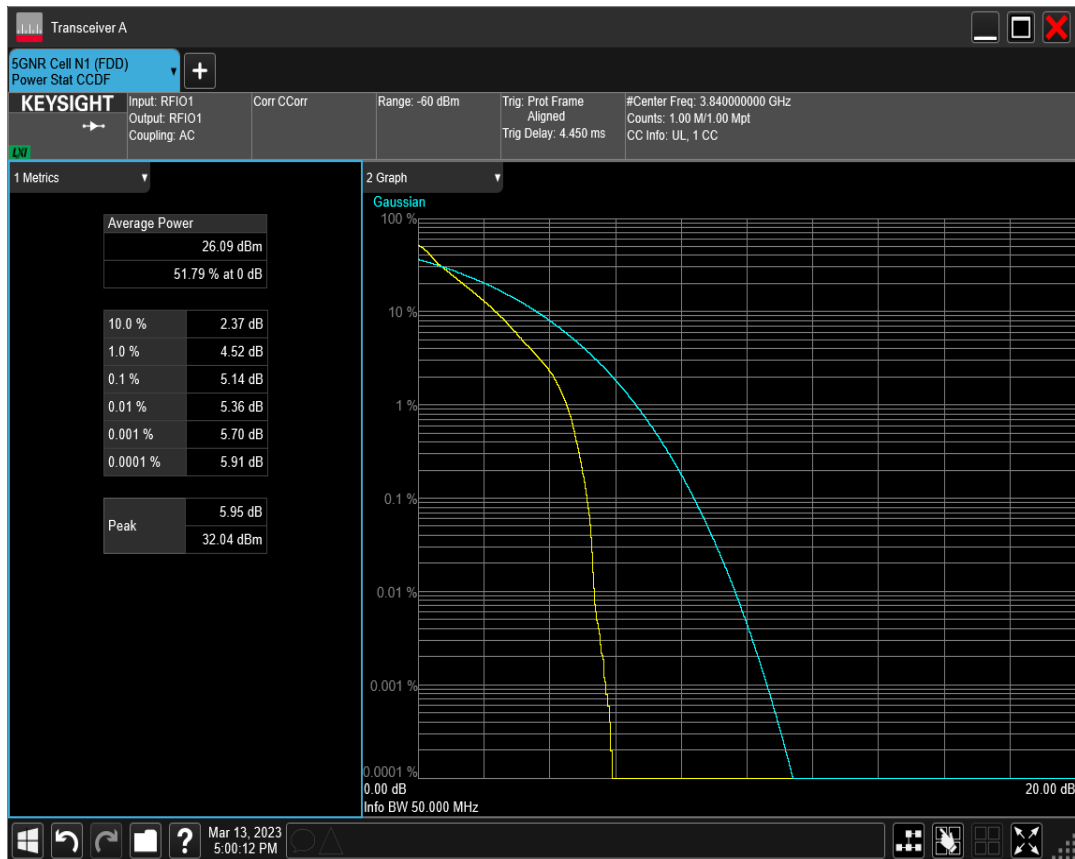
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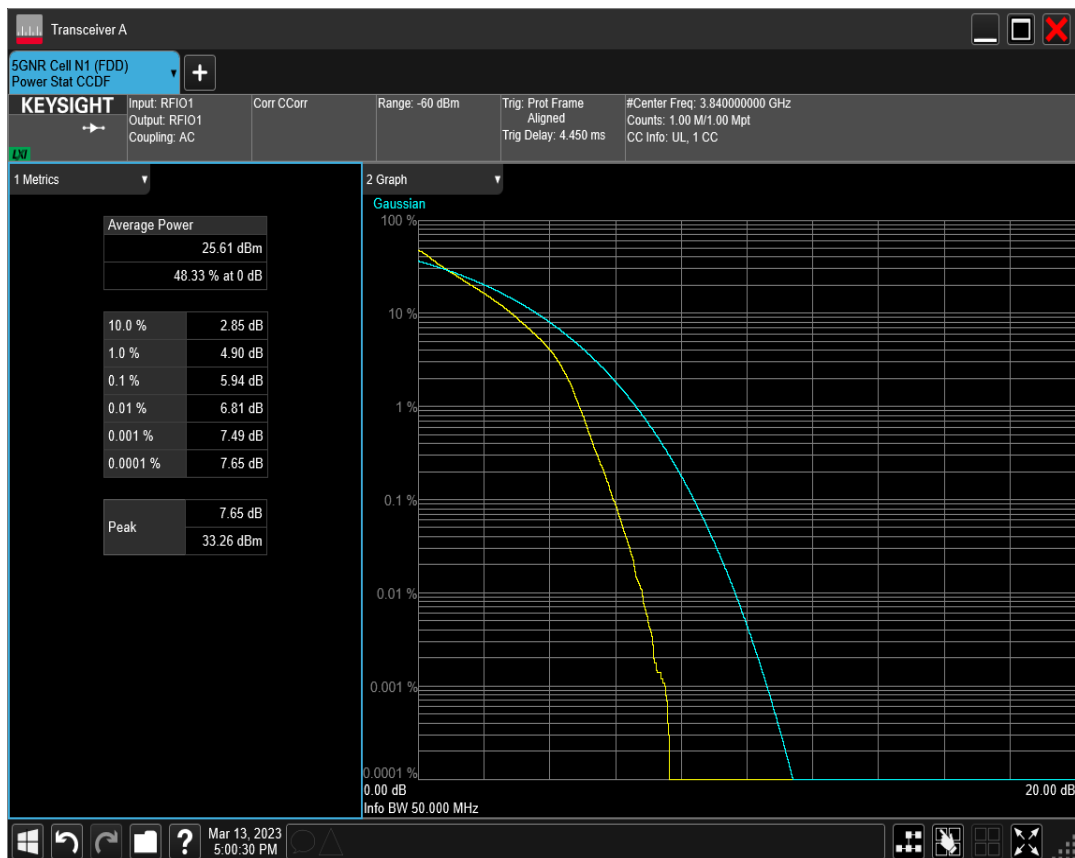
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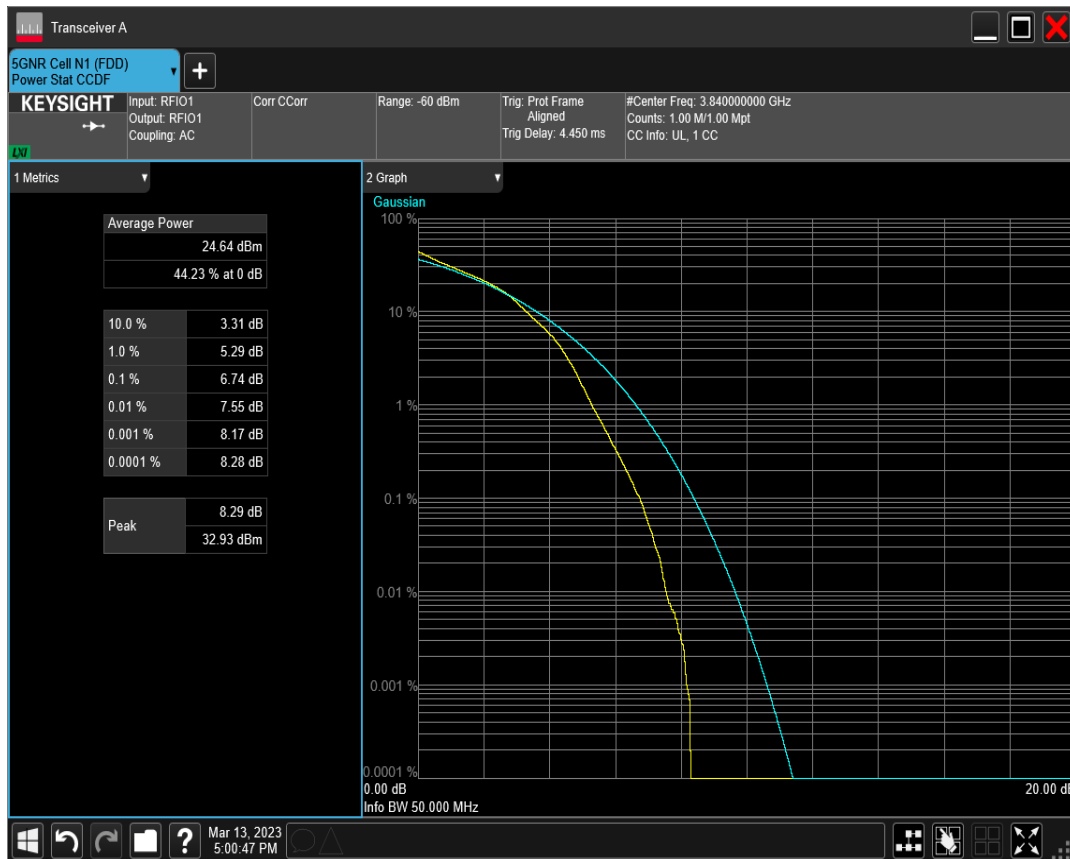
n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz Channel=656000 RB=128@0



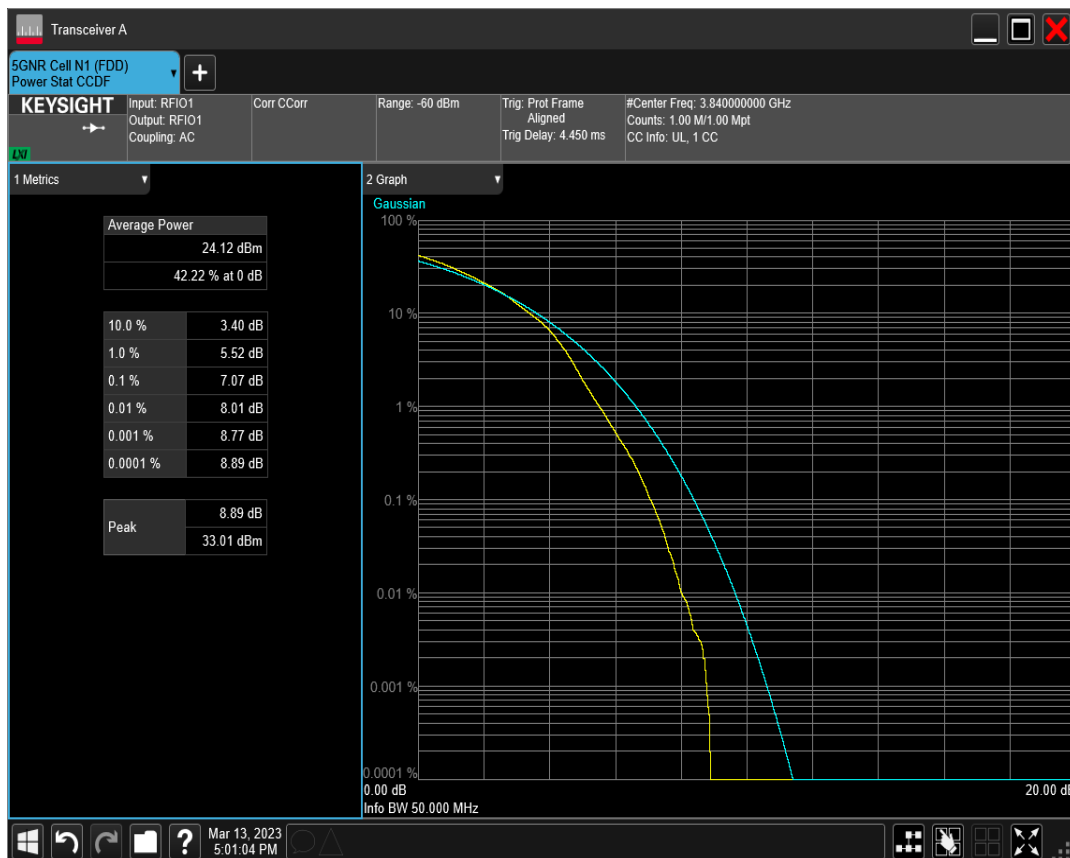
n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz Channel=656000 RB=128@0



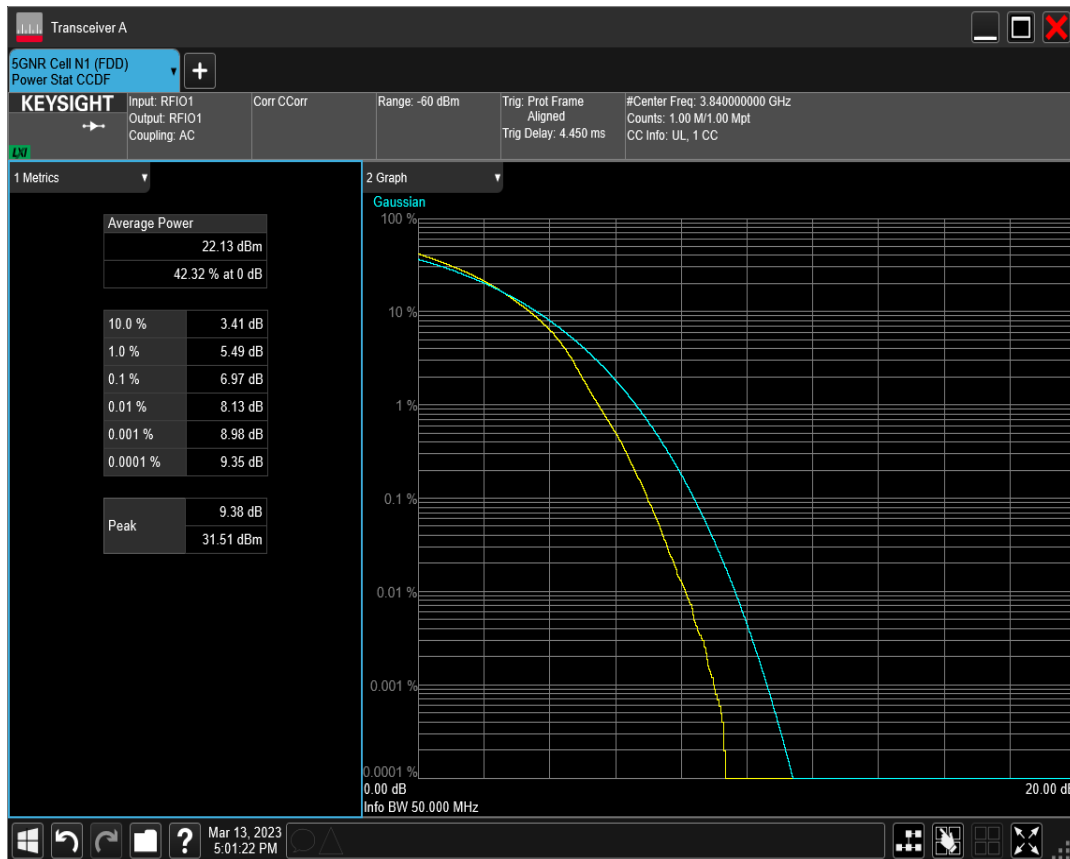
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=50MHz Channel=656000 RB=128@0



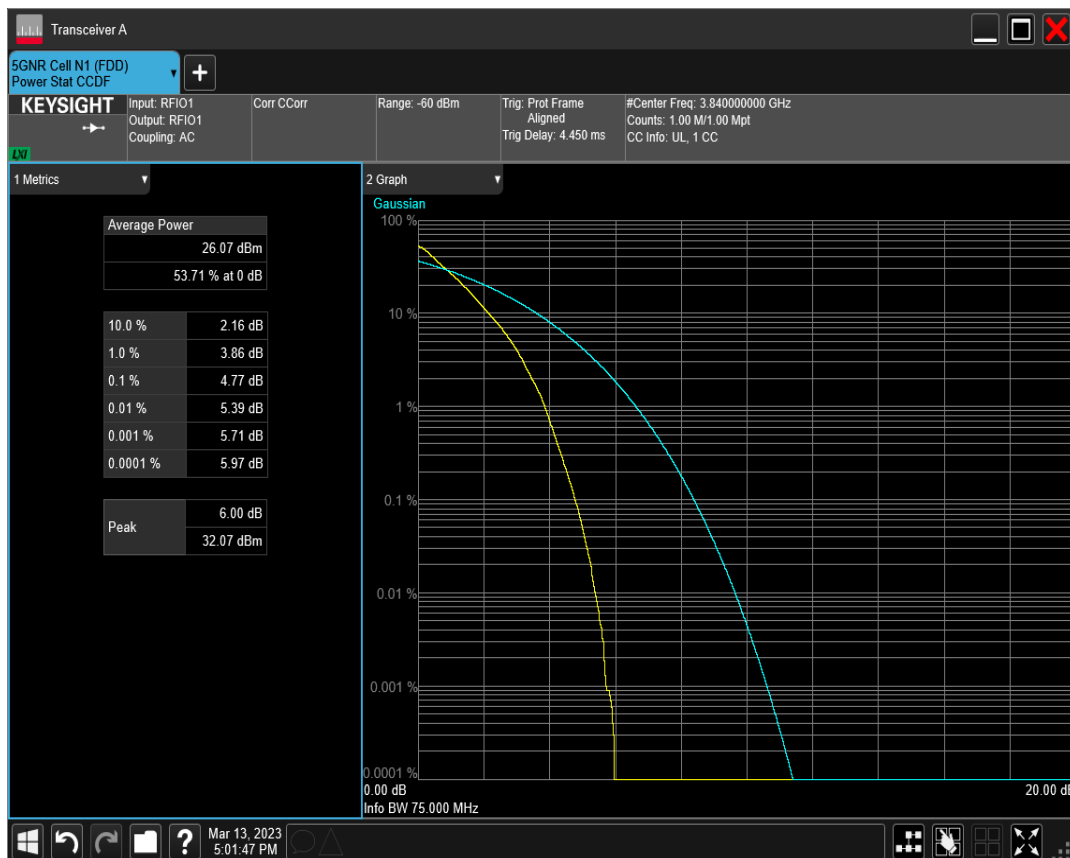
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=50MHz Channel=656000 RB=128@0



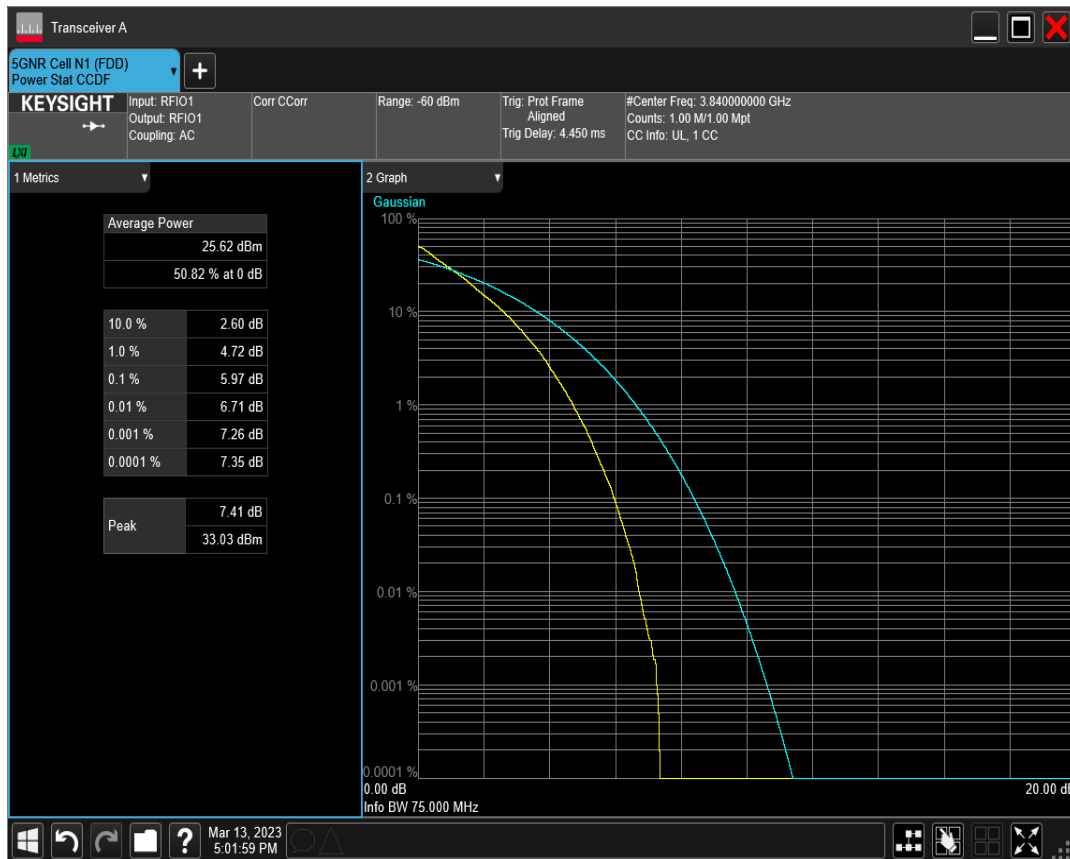
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=50MHz Channel=656000 RB=128@0



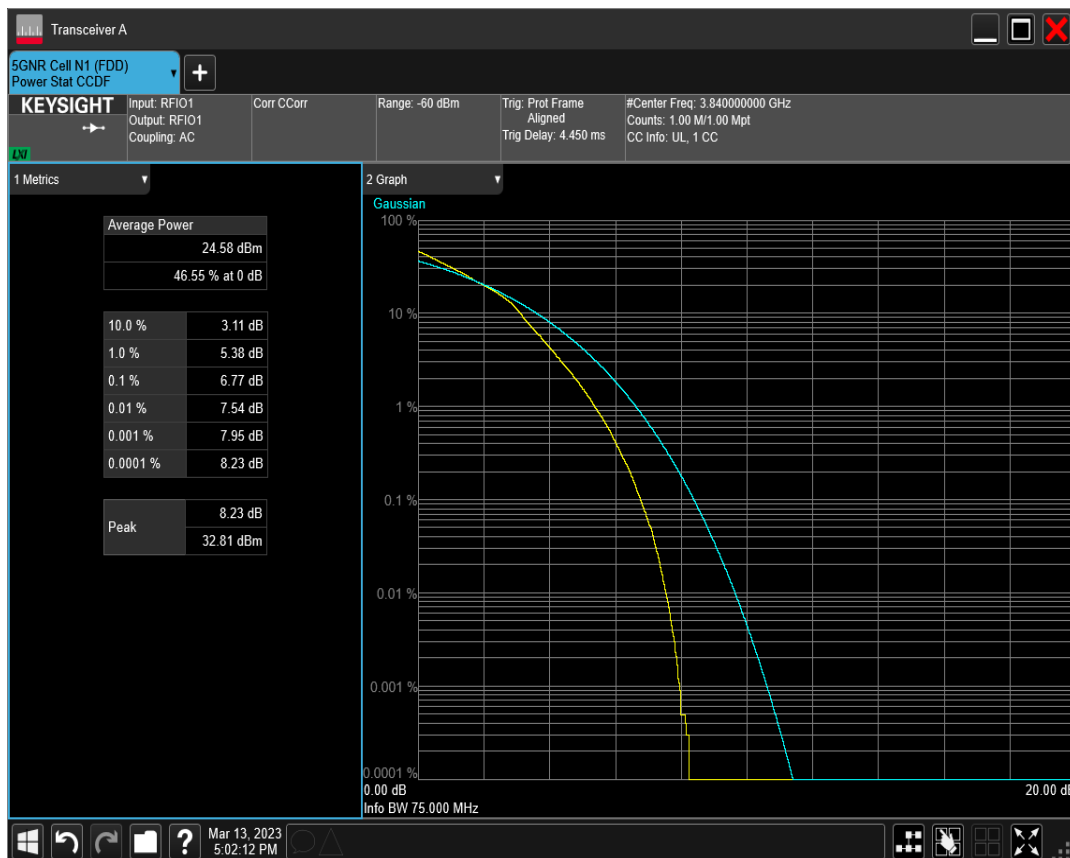
n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz Channel=656000 RB=162@0



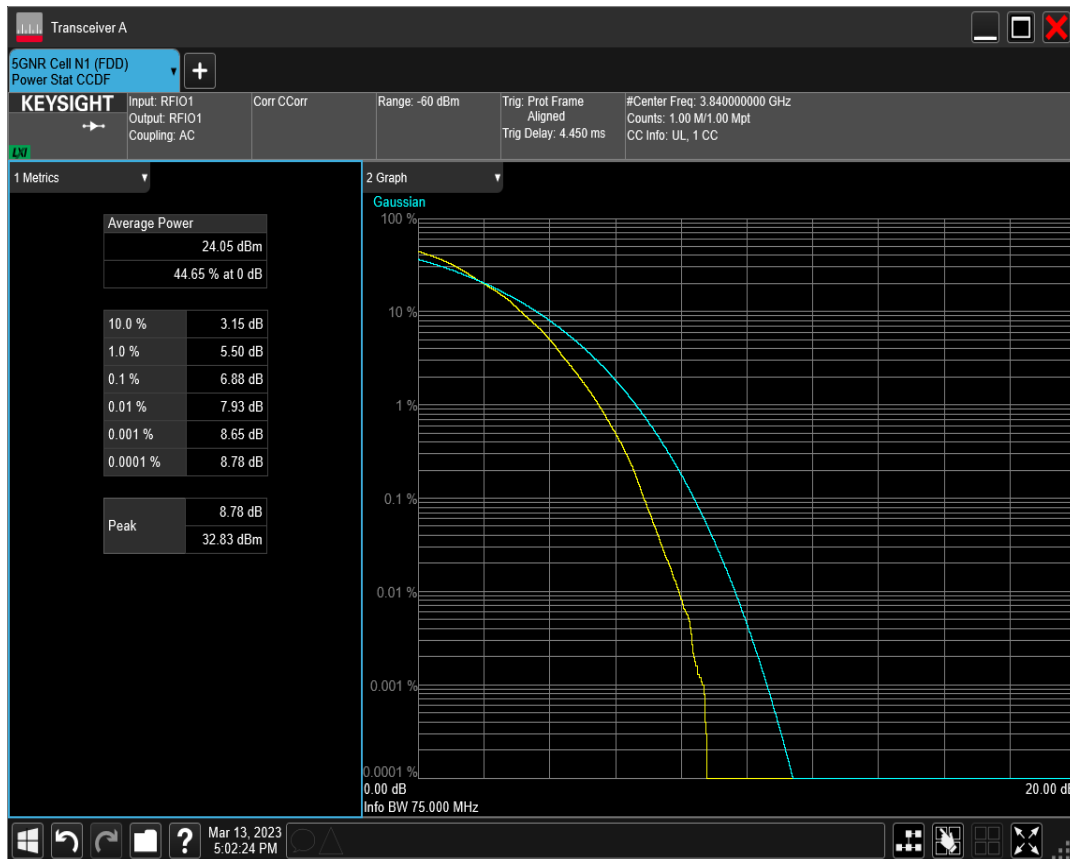
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz Channel=656000 RB=162@0



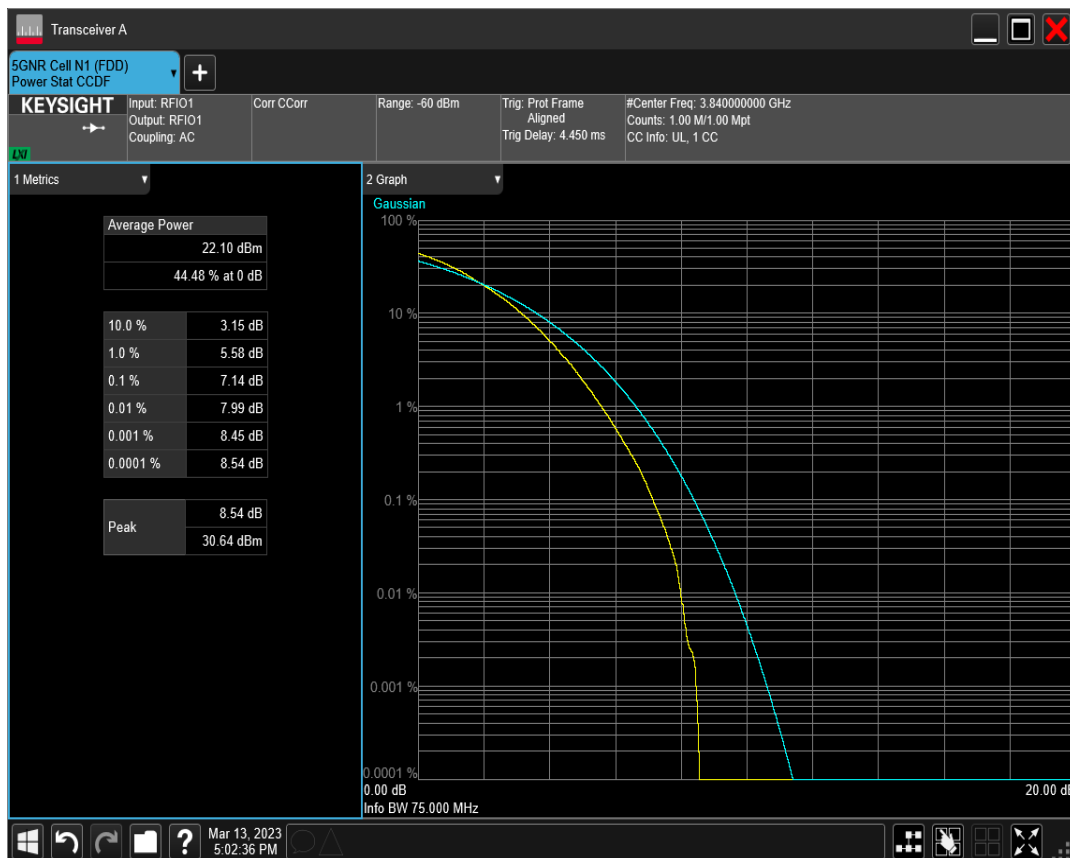
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=60MHz Channel=656000 RB=162@0



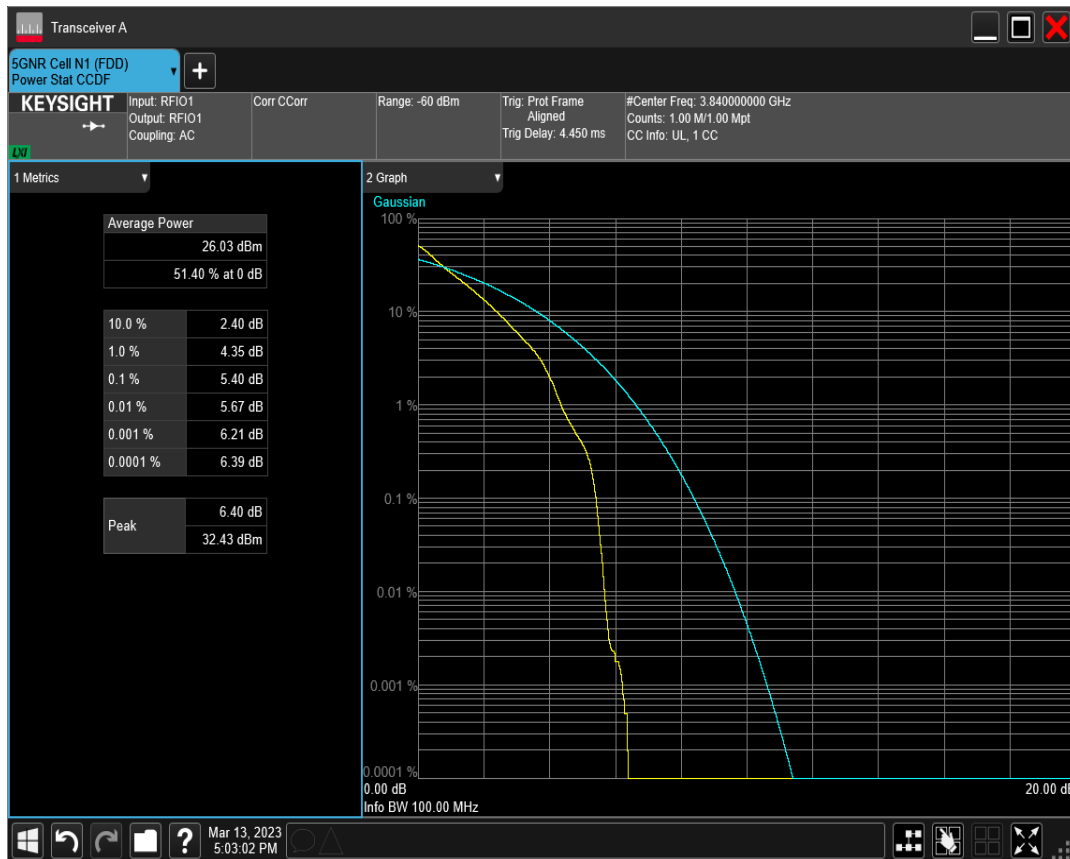
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=60MHz Channel=656000 RB=162@0



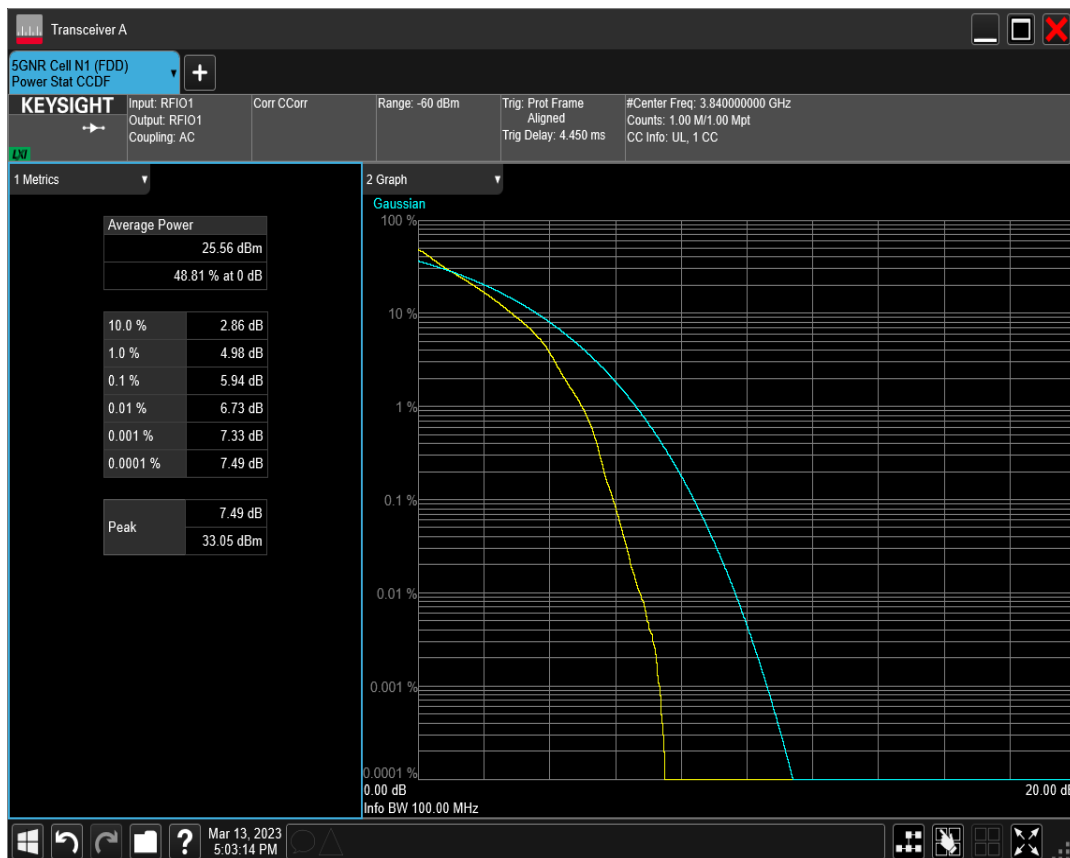
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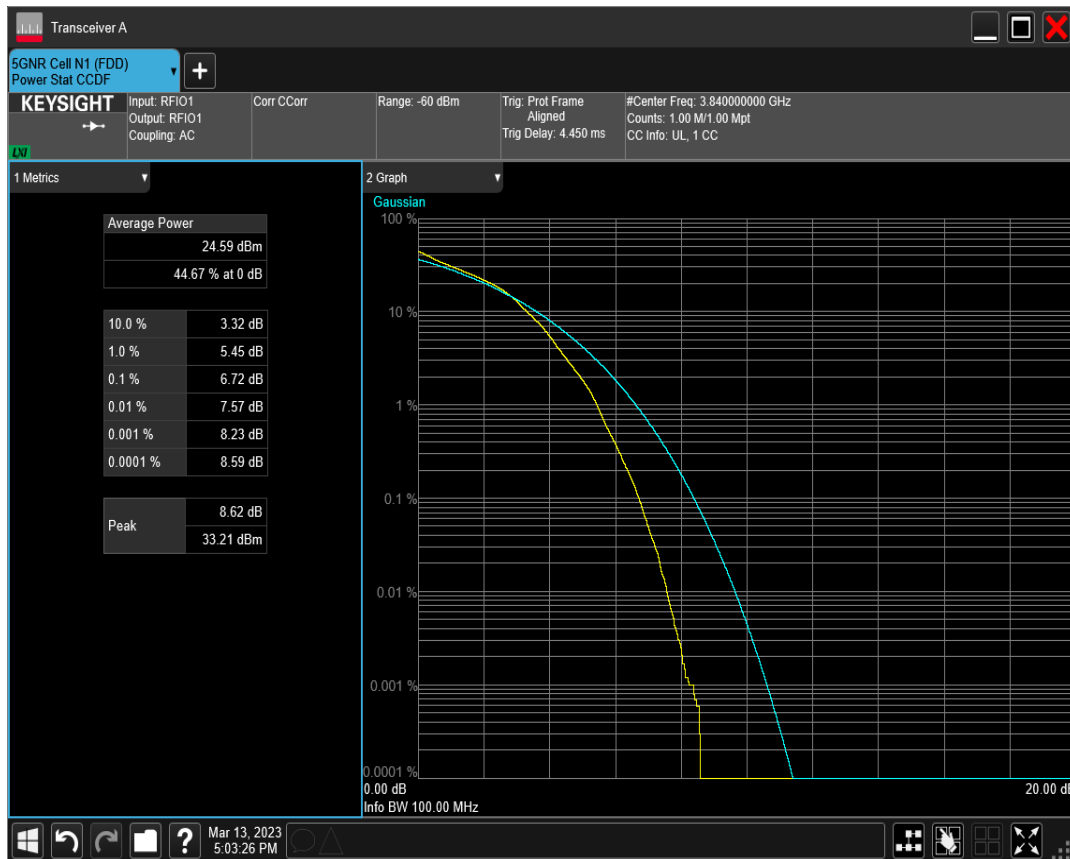
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz Channel=656000 RB=216@0



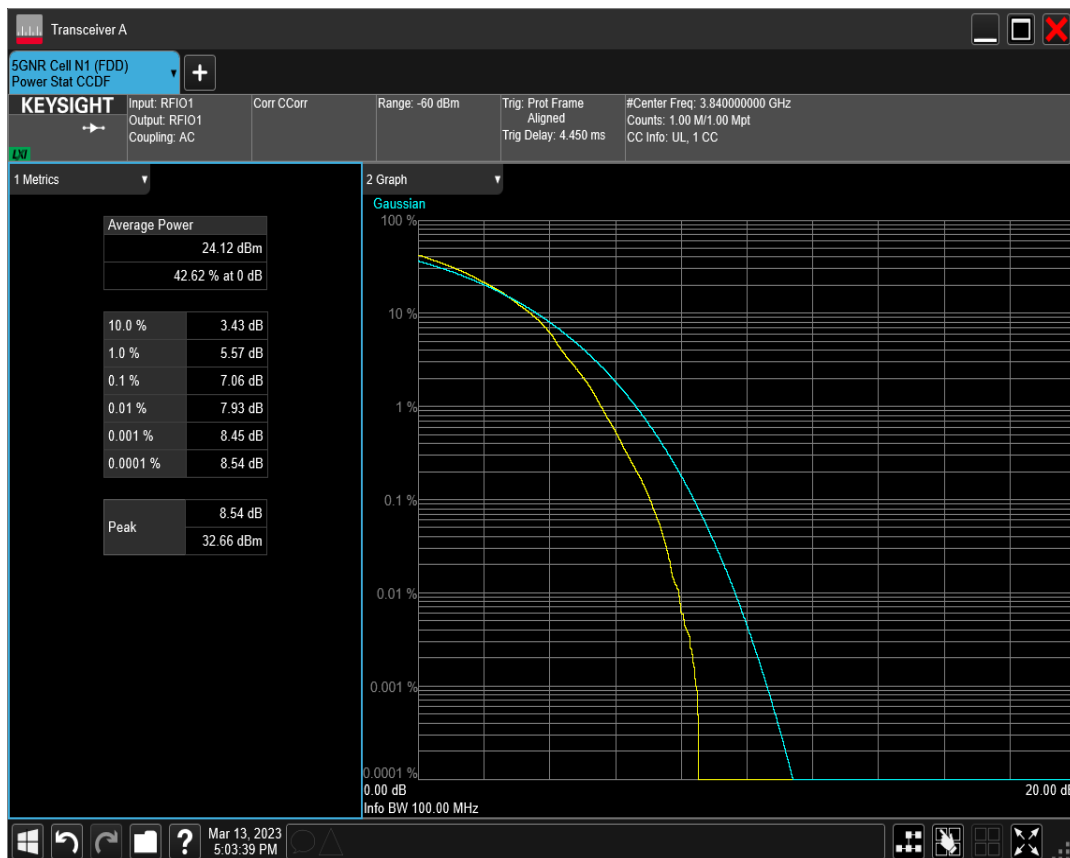
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=656000 RB=216@0



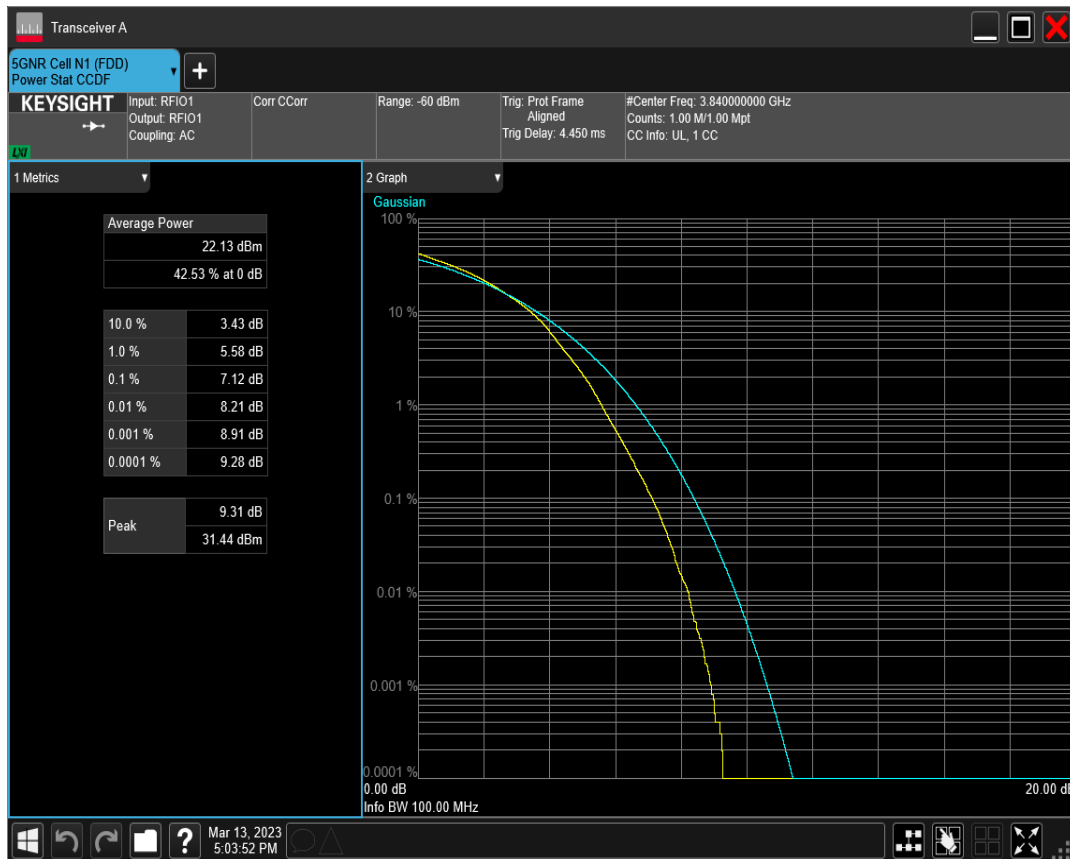
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=80MHz Channel=656000 RB=216@0



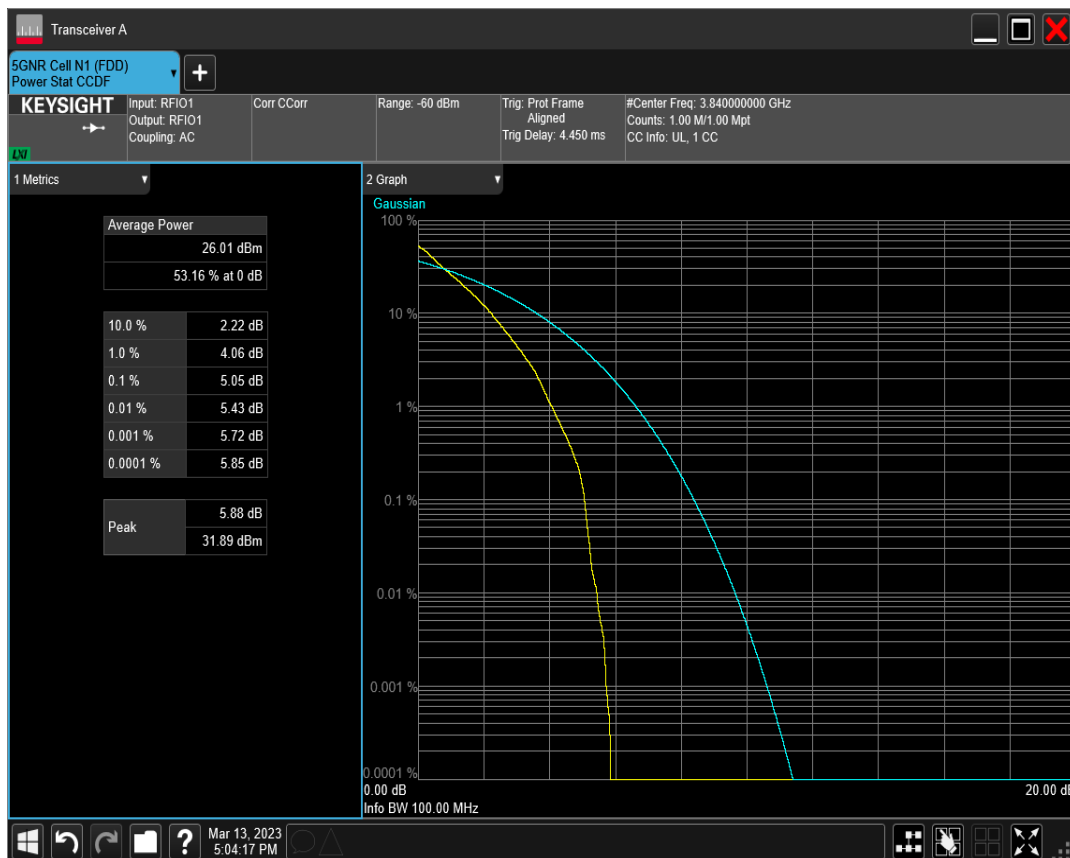
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=80MHz Channel=656000 RB=216@0



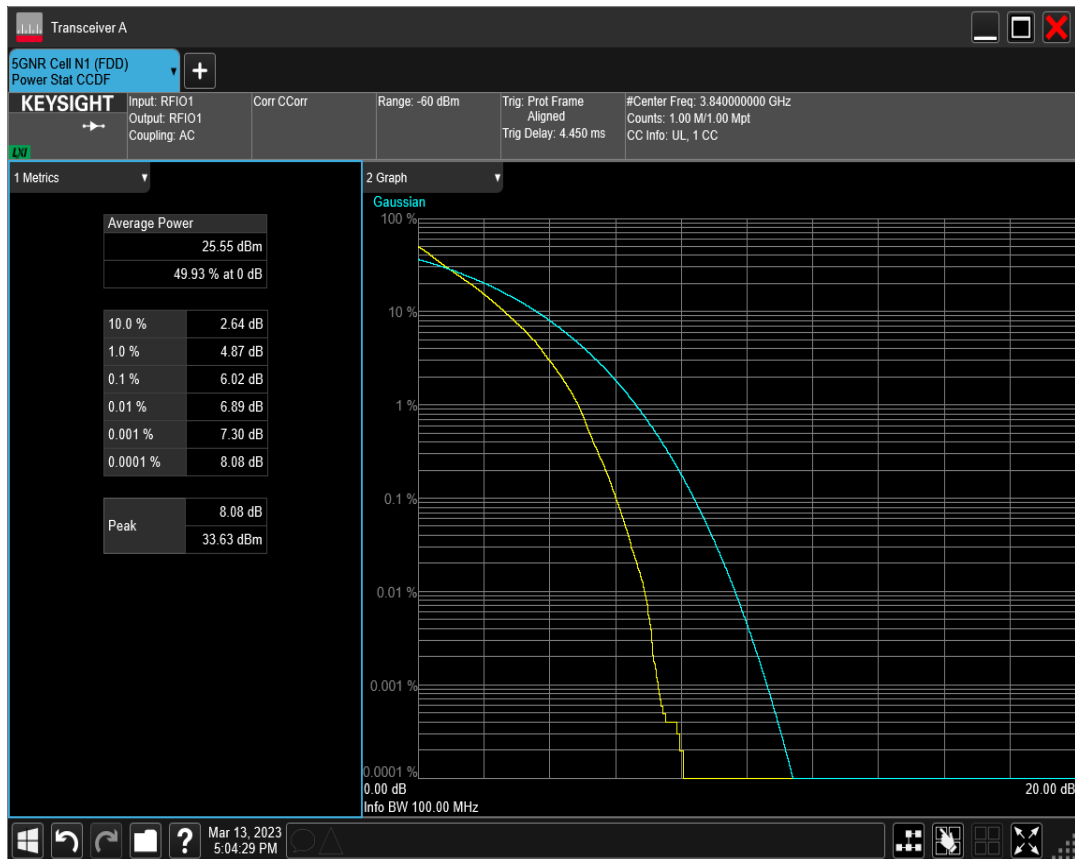
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=80MHz Channel=656000 RB=216@0



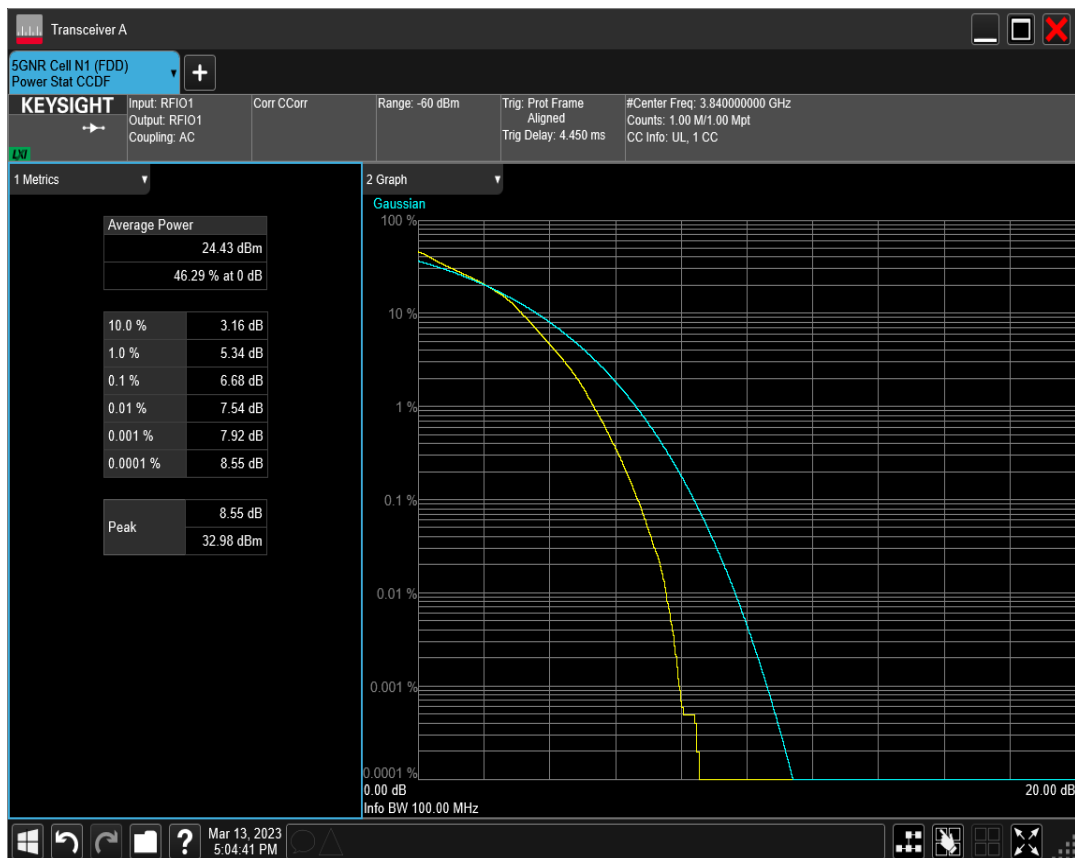
n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz Channel=656000 RB=240@0



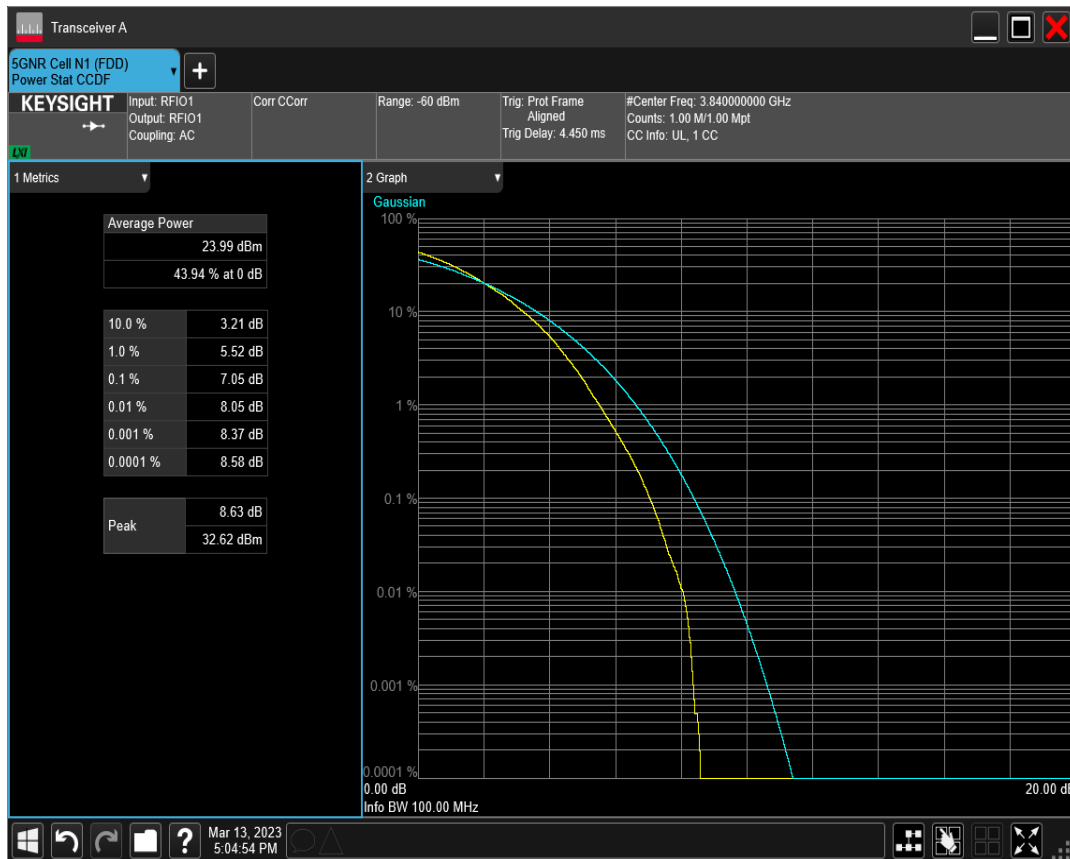
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=656000 RB=240@0



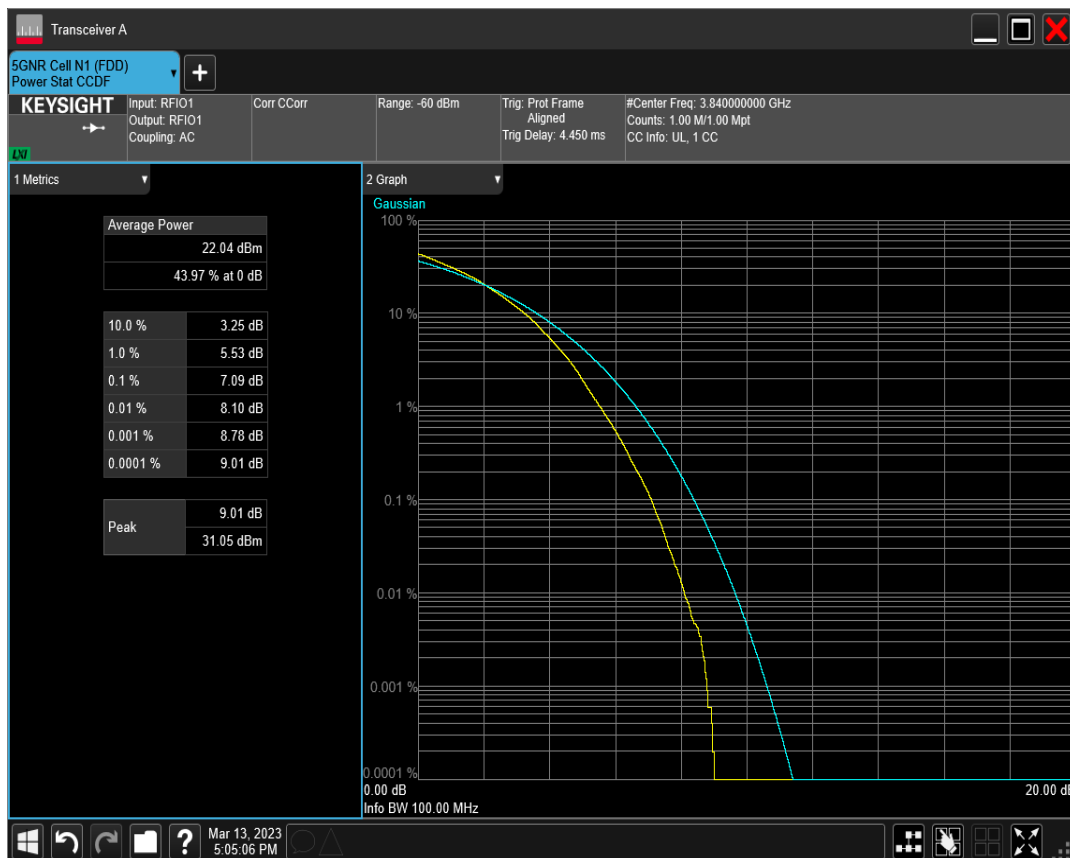
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=90MHz Channel=656000 RB=240@0



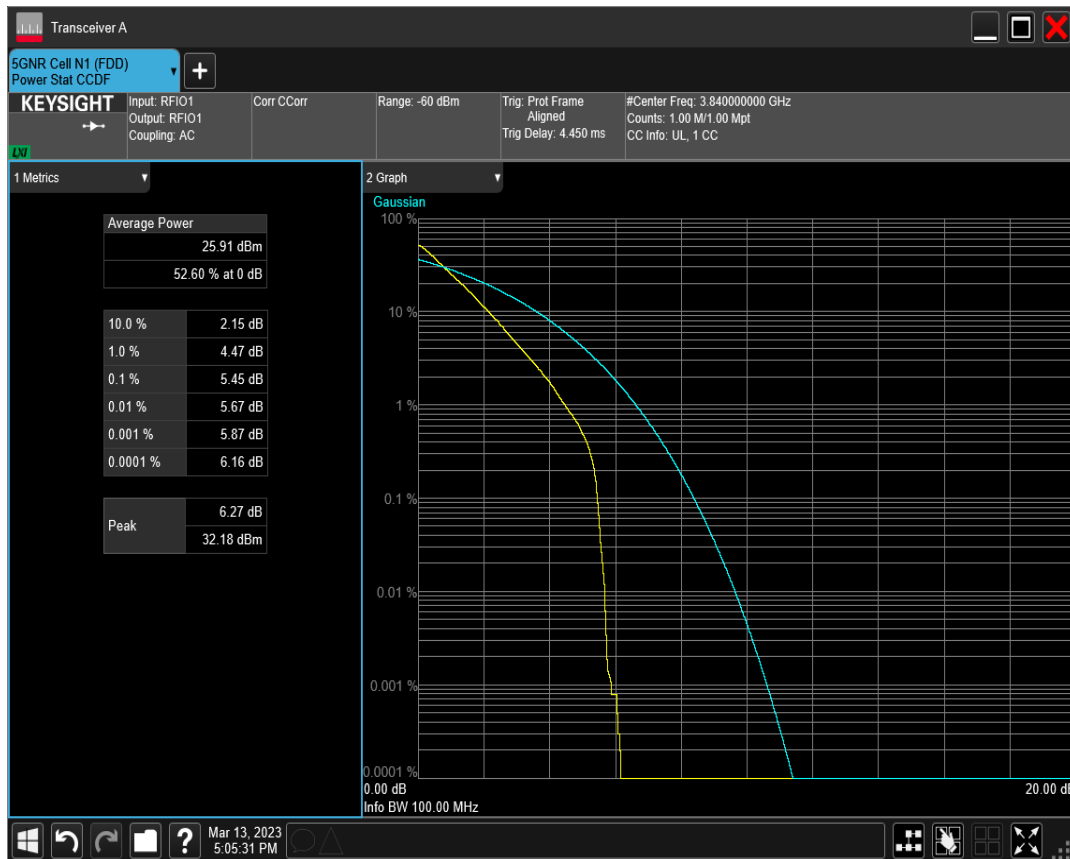
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=656000 RB=240@0



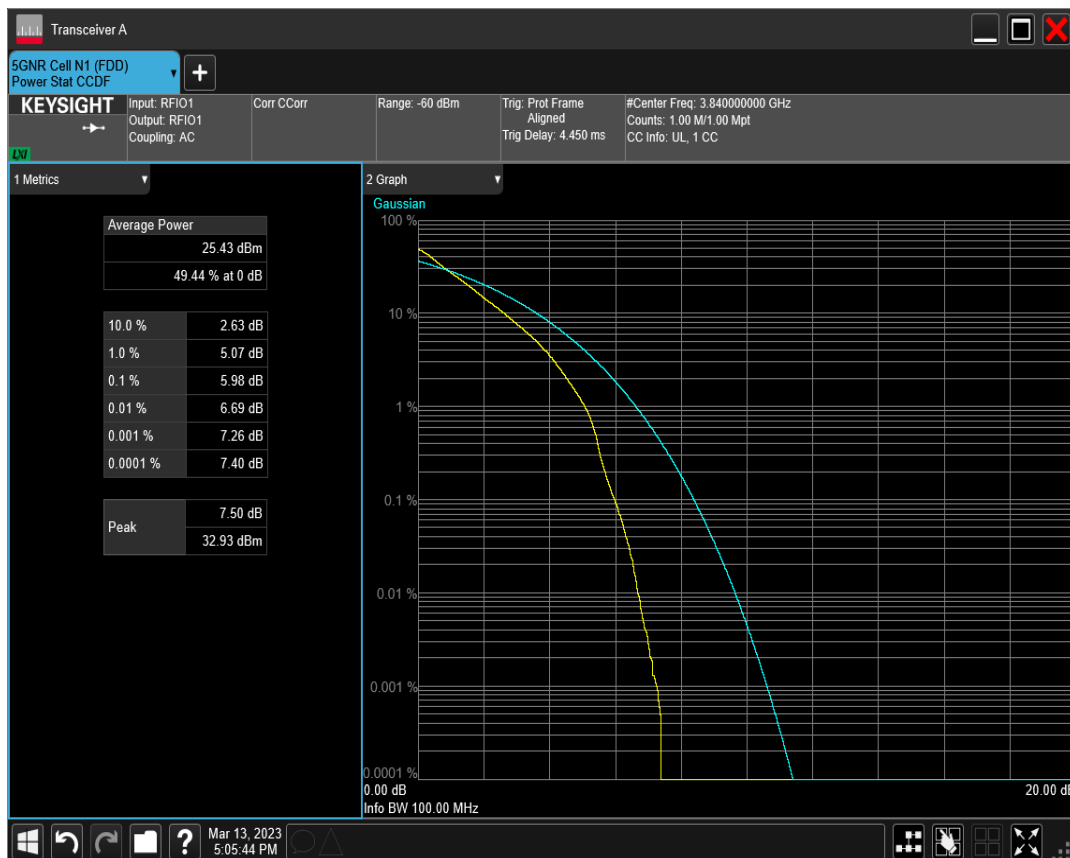
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=90MHz Channel=656000 RB=240@0



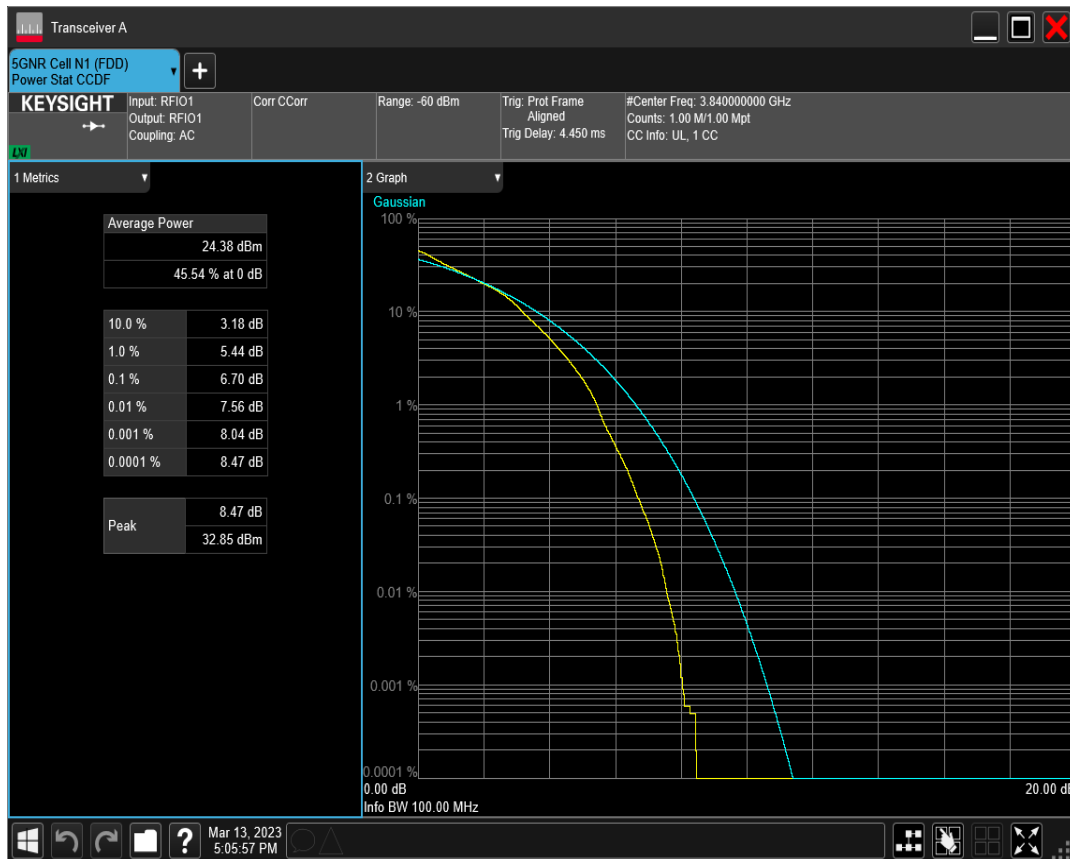
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz Channel=656000 RB=270@0



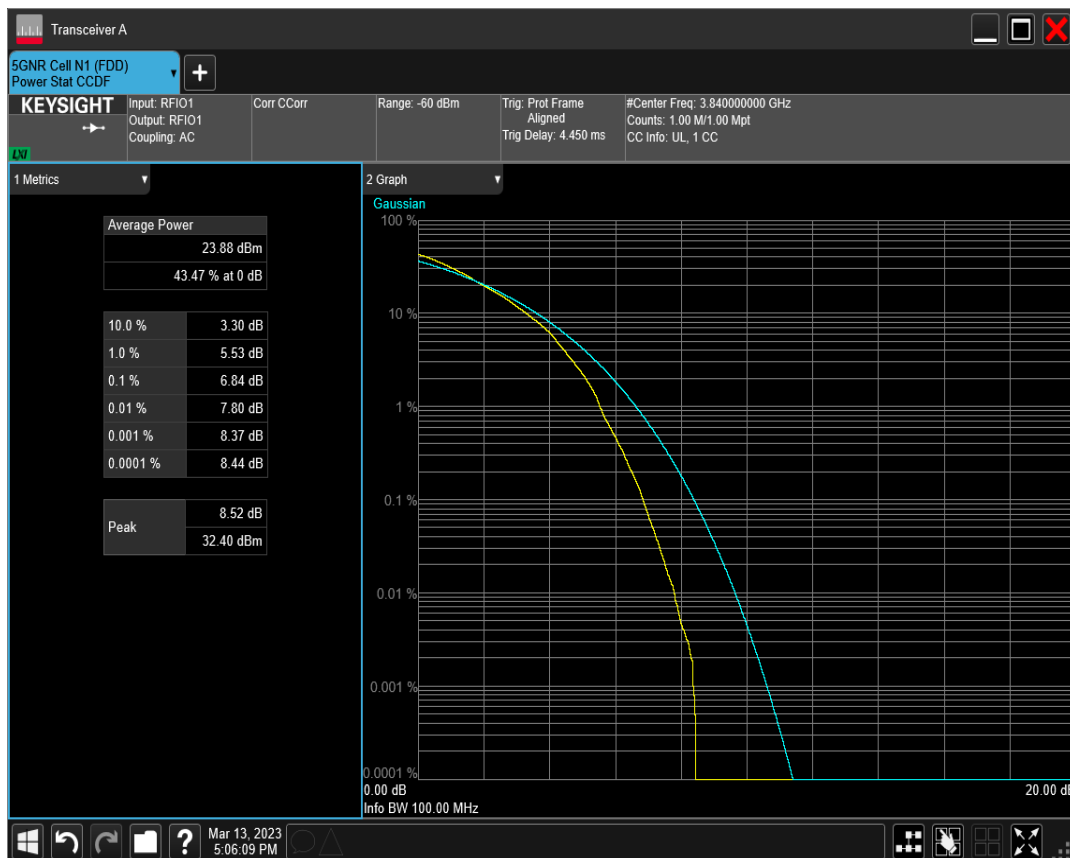
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=270@0



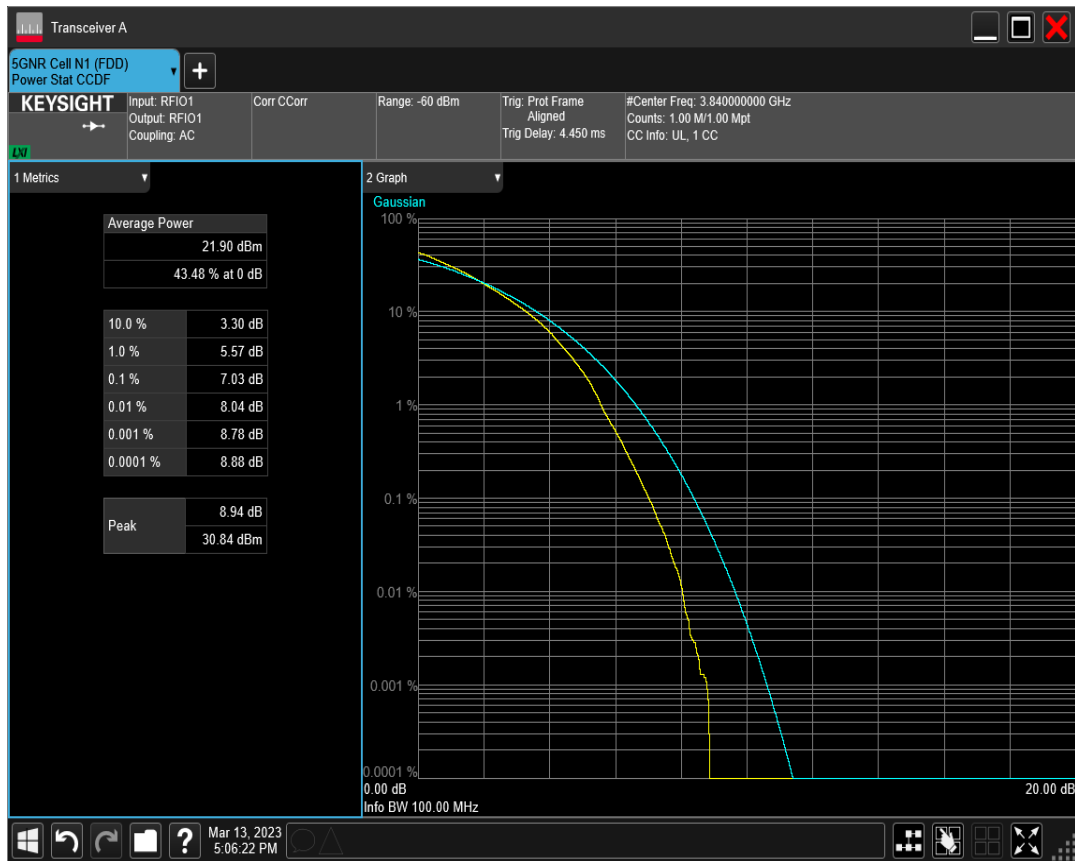
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=100MHz Channel=656000 RB=270@0



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	8.610	9.220	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	8.610	9.220	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM16	8.620	9.180	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM64	8.620	9.210	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	8.620	9.210	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	8.610	9.130	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	8.610	9.200	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	8.620	9.260	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	8.650	9.230	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	8.610	9.180	PASS
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	8.610	9.180	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	8.610	9.240	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	8.610	9.190	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM16	8.610	9.160	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM64	8.620	9.200	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM256	8.610	9.200	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	8.620	9.190	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	13.500	13.750	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	13.470	13.710	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM16	13.560	13.800	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM64	13.500	13.730	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM256	13.450	13.730	PASS
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	13.630	14.420	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	13.500	13.720	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	13.470	13.730	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	13.520	13.690	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	13.510	13.730	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	13.520	13.750	PASS
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	13.640	14.420	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	13.500	13.750	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	13.470	13.700	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM16	13.560	13.790	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM64	13.510	13.710	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM256	13.450	13.730	PASS
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	13.640	14.490	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	18.090	18.910	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	18.100	18.950	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM16	18.100	18.940	PASS

n77(3700-3980)	30	20	647334	50@0	DFT_QAM64	18.120	18.930	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM256	18.040	18.890	PASS
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	18.270	19.320	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	18.030	18.930	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	18.030	18.910	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	18.100	18.930	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	18.110	18.940	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	18.270	19.320	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	18.090	18.920	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	18.030	18.930	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM16	18.100	18.940	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM64	18.090	18.950	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM256	18.090	18.900	PASS
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	18.270	19.310	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_BPSK	27.630	28.440	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QPSK	27.650	28.460	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM16	27.650	28.460	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM64	27.640	28.450	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM256	27.730	28.480	PASS
n77(3700-3980)	30	30	647668	78@0	CP_QPSK	27.980	29.530	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_BPSK	27.650	28.450	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	27.630	28.450	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM16	27.640	28.440	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM64	27.630	28.460	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM256	27.730	28.490	PASS
n77(3700-3980)	30	30	656000	78@0	CP_QPSK	27.980	29.520	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_BPSK	27.640	28.460	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QPSK	27.640	28.450	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM16	27.640	28.440	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM64	27.630	28.460	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM256	27.640	28.450	PASS
n77(3700-3980)	30	30	664332	78@0	CP_QPSK	27.980	29.540	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	37.630	37.920	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	37.500	37.880	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM16	37.620	37.880	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM64	37.610	37.890	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM256	37.640	37.860	PASS
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	37.970	40.030	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	37.610	37.900	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	37.480	37.860	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	37.600	37.880	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	37.510	37.880	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	37.630	37.850	PASS

n77(3700-3980)	30	40	656000	106@0	CP_QPSK	37.970	40.030	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	37.600	37.890	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	37.470	37.850	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM16	37.520	37.900	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM64	37.510	37.880	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM256	37.500	37.870	PASS
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	37.980	40.040	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	47.210	48.340	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	47.210	48.370	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM16	47.080	48.370	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM64	47.090	48.400	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM256	47.080	48.350	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	47.650	50.200	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	47.080	48.390	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	47.000	48.380	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	47.020	48.360	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	47.070	48.380	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	47.060	48.370	PASS
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	47.650	50.190	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	47.070	48.350	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	47.020	48.360	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM16	47.060	48.370	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM64	47.050	48.390	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM256	47.040	48.360	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	47.650	50.190	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	57.950	61.000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	58.100	60.990	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM16	57.960	61.010	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM64	57.950	60.990	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM256	57.920	60.950	PASS
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	57.950	61.010	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	58.090	61.010	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	58.100	61.020	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	58.090	61.010	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	58.080	61.000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	57.940	60.970	PASS
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	58.080	61.010	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	57.940	60.980	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	58.100	61.020	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM16	58.090	61.000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM64	57.960	61.000	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM256	57.940	60.960	PASS
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	57.950	61.010	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	77.480	81.370	PASS