

### 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	26.58	-3.6	22.98	33.01	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	26.30	-3.6	22.70	33.01	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	26.61	-3.6	23.01	33.01	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	26.51	-3.6	22.91	33.01	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	26.28	-3.6	22.68	33.01	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	26.36	-3.6	22.76	33.01	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM16	25.61	-3.6	22.01	33.01	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM16	25.35	-3.6	21.75	33.01	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM16	25.51	-3.6	21.91	33.01	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM64	24.11	-3.6	20.51	33.01	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM64	23.78	-3.6	20.18	33.01	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM64	23.91	-3.6	20.31	33.01	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM256	22.11	-3.6	18.51	33.01	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM256	22.15	-3.6	18.55	33.01	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM256	22.30	-3.6	18.70	33.01	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	24.95	-3.6	21.35	33.01	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	24.99	-3.6	21.39	33.01	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	25.09	-3.6	21.49	33.01	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM16	24.52	-3.6	20.92	33.01	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM16	24.48	-3.6	20.88	33.01	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM16	24.52	-3.6	20.92	33.01	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM64	23.17	-3.6	19.57	33.01	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM64	23.13	-3.6	19.53	33.01	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM64	23.26	-3.6	19.66	33.01	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM256	20.13	-3.6	16.53	33.01	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM256	20.05	-3.6	16.45	33.01	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM256	20.19	-3.6	16.59	33.01	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	26.59	-3.6	22.99	33.01	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	26.43	-3.6	22.83	33.01	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	26.50	-3.6	22.90	33.01	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	26.54	-3.6	22.94	33.01	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	26.32	-3.6	22.72	33.01	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	26.38	-3.6	22.78	33.01	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM16	25.64	-3.6	22.04	33.01	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM16	25.71	-3.6	22.11	33.01	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM16	25.81	-3.6	22.21	33.01	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM64	24.16	-3.6	20.56	33.01	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM64	23.66	-3.6	20.06	33.01	PASS

n77(3700-3980)	30	10	656000	1@22	DFT_QAM64	23.84	-3.6	20.24	33.01	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM256	22.12	-3.6	18.52	33.01	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM256	22.38	-3.6	18.78	33.01	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM256	22.41	-3.6	18.81	33.01	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	25.01	-3.6	21.41	33.01	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	24.97	-3.6	21.37	33.01	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	25.05	-3.6	21.45	33.01	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM16	24.48	-3.6	20.88	33.01	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM16	24.46	-3.6	20.86	33.01	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM16	24.61	-3.6	21.01	33.01	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM64	23.10	-3.6	19.50	33.01	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM64	23.05	-3.6	19.45	33.01	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM64	23.03	-3.6	19.43	33.01	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM256	20.27	-3.6	16.67	33.01	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM256	20.24	-3.6	16.64	33.01	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM256	20.22	-3.6	16.62	33.01	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	26.05	-3.6	22.45	33.01	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	26.15	-3.6	22.55	33.01	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	26.01	-3.6	22.41	33.01	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	26.03	-3.6	22.43	33.01	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	25.89	-3.6	22.29	33.01	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	25.89	-3.6	22.29	33.01	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM16	25.24	-3.6	21.64	33.01	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM16	25.37	-3.6	21.77	33.01	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM16	25.26	-3.6	21.66	33.01	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM64	23.66	-3.6	20.06	33.01	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM64	23.70	-3.6	20.10	33.01	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM64	23.43	-3.6	19.83	33.01	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM256	21.68	-3.6	18.08	33.01	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM256	22.06	-3.6	18.46	33.01	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM256	21.92	-3.6	18.32	33.01	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	24.56	-3.6	20.96	33.01	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	24.57	-3.6	20.97	33.01	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	24.53	-3.6	20.93	33.01	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM16	24.11	-3.6	20.51	33.01	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM16	24.18	-3.6	20.58	33.01	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM16	24.32	-3.6	20.72	33.01	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM64	22.64	-3.6	19.04	33.01	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM64	22.41	-3.6	18.81	33.01	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM64	22.28	-3.6	18.68	33.01	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM256	19.80	-3.6	16.20	33.01	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM256	19.70	-3.6	16.10	33.01	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM256	19.75	-3.6	16.15	33.01	PASS

n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	26.61	-3.6	23.01	33.01	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	26.39	-3.6	22.79	33.01	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	26.51	-3.6	22.91	33.01	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	26.58	-3.6	22.98	33.01	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	26.22	-3.6	22.62	33.01	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	26.34	-3.6	22.74	33.01	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM16	25.61	-3.6	22.01	33.01	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM16	25.46	-3.6	21.86	33.01	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM16	25.66	-3.6	22.06	33.01	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM64	24.10	-3.6	20.50	33.01	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM64	23.65	-3.6	20.05	33.01	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM64	23.88	-3.6	20.28	33.01	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM256	22.14	-3.6	18.54	33.01	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM256	22.05	-3.6	18.45	33.01	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM256	22.19	-3.6	18.59	33.01	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	25.05	-3.6	21.45	33.01	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	24.74	-3.6	21.14	33.01	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	24.96	-3.6	21.36	33.01	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM16	24.51	-3.6	20.91	33.01	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM16	24.66	-3.6	21.06	33.01	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM16	24.58	-3.6	20.98	33.01	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM64	23.21	-3.6	19.61	33.01	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM64	22.75	-3.6	19.15	33.01	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM64	22.97	-3.6	19.37	33.01	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM256	20.28	-3.6	16.68	33.01	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM256	19.90	-3.6	16.30	33.01	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM256	20.05	-3.6	16.45	33.01	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	26.56	-3.6	22.96	33.01	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	26.44	-3.6	22.84	33.01	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	26.57	-3.6	22.97	33.01	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	26.53	-3.6	22.93	33.01	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	26.23	-3.6	22.63	33.01	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	26.35	-3.6	22.75	33.01	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM16	25.47	-3.6	21.87	33.01	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM16	25.51	-3.6	21.91	33.01	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM16	25.64	-3.6	22.04	33.01	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM64	24.09	-3.6	20.49	33.01	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM64	23.90	-3.6	20.30	33.01	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM64	24.06	-3.6	20.46	33.01	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM256	22.16	-3.6	18.56	33.01	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM256	22.26	-3.6	18.66	33.01	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM256	22.45	-3.6	18.85	33.01	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	25.05	-3.6	21.45	33.01	PASS

n77(3700-3980)	30	15	656000	1@1	CP_QPSK	24.93	-3.6	21.33	33.01	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QPSK	25.03	-3.6	21.43	33.01	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM16	24.49	-3.6	20.89	33.01	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM16	24.44	-3.6	20.84	33.01	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM16	24.47	-3.6	20.87	33.01	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM64	22.97	-3.6	19.37	33.01	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM64	22.91	-3.6	19.31	33.01	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM64	23.20	-3.6	19.60	33.01	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM256	20.30	-3.6	16.70	33.01	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM256	19.77	-3.6	16.17	33.01	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM256	20.31	-3.6	16.71	33.01	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	26.07	-3.6	22.47	33.01	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	26.16	-3.6	22.56	33.01	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	25.99	-3.6	22.39	33.01	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	26.04	-3.6	22.44	33.01	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	26.01	-3.6	22.41	33.01	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	25.89	-3.6	22.29	33.01	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM16	25.14	-3.6	21.54	33.01	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM16	25.33	-3.6	21.73	33.01	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM16	24.94	-3.6	21.34	33.01	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM64	23.61	-3.6	20.01	33.01	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM64	23.46	-3.6	19.86	33.01	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM64	23.34	-3.6	19.74	33.01	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM256	21.73	-3.6	18.13	33.01	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM256	22.10	-3.6	18.50	33.01	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM256	21.89	-3.6	18.29	33.01	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	24.65	-3.6	21.05	33.01	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	24.62	-3.6	21.02	33.01	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	24.43	-3.6	20.83	33.01	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM16	24.10	-3.6	20.50	33.01	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM16	24.11	-3.6	20.51	33.01	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM16	23.95	-3.6	20.35	33.01	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM64	22.69	-3.6	19.09	33.01	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM64	22.81	-3.6	19.21	33.01	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM64	22.51	-3.6	18.91	33.01	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM256	19.89	-3.6	16.29	33.01	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM256	19.62	-3.6	16.02	33.01	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM256	19.40	-3.6	15.80	33.01	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	26.59	-3.6	22.99	33.01	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	26.34	-3.6	22.74	33.01	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	26.42	-3.6	22.82	33.01	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	26.58	-3.6	22.98	33.01	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	26.18	-3.6	22.58	33.01	PASS

n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	26.27	-3.6	22.67	33.01	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM16	25.49	-3.6	21.89	33.01	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM16	25.23	-3.6	21.63	33.01	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM16	25.31	-3.6	21.71	33.01	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM64	24.06	-3.6	20.46	33.01	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM64	23.90	-3.6	20.30	33.01	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM64	24.00	-3.6	20.40	33.01	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM256	22.07	-3.6	18.47	33.01	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM256	22.19	-3.6	18.59	33.01	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM256	22.17	-3.6	18.57	33.01	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	25.07	-3.6	21.47	33.01	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	24.76	-3.6	21.16	33.01	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	24.96	-3.6	21.36	33.01	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM16	24.62	-3.6	21.02	33.01	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM16	24.28	-3.6	20.68	33.01	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM16	24.38	-3.6	20.78	33.01	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM64	23.05	-3.6	19.45	33.01	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM64	22.92	-3.6	19.32	33.01	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM64	23.08	-3.6	19.48	33.01	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM256	20.31	-3.6	16.71	33.01	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM256	19.62	-3.6	16.02	33.01	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM256	19.82	-3.6	16.22	33.01	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	26.51	-3.6	22.91	33.01	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	26.21	-3.6	22.61	33.01	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	26.51	-3.6	22.91	33.01	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	26.46	-3.6	22.86	33.01	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	26.13	-3.6	22.53	33.01	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	26.40	-3.6	22.80	33.01	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM16	25.47	-3.6	21.87	33.01	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM16	25.41	-3.6	21.81	33.01	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM16	25.46	-3.6	21.86	33.01	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM64	24.03	-3.6	20.43	33.01	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM64	23.52	-3.6	19.92	33.01	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM64	23.78	-3.6	20.18	33.01	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM256	22.07	-3.6	18.47	33.01	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM256	22.07	-3.6	18.47	33.01	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM256	22.43	-3.6	18.83	33.01	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	25.01	-3.6	21.41	33.01	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	24.84	-3.6	21.24	33.01	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	24.98	-3.6	21.38	33.01	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM16	24.56	-3.6	20.96	33.01	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM16	24.28	-3.6	20.68	33.01	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM16	24.46	-3.6	20.86	33.01	PASS

n77(3700-3980)	30	20	656000	25@12	CP_QAM64	23.03	-3.6	19.43	33.01	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM64	22.76	-3.6	19.16	33.01	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM64	23.04	-3.6	19.44	33.01	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM256	20.36	-3.6	16.76	33.01	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM256	20.05	-3.6	16.45	33.01	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM256	19.87	-3.6	16.27	33.01	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	26.20	-3.6	22.60	33.01	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	26.18	-3.6	22.58	33.01	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	25.93	-3.6	22.33	33.01	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	26.18	-3.6	22.58	33.01	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	26.17	-3.6	22.57	33.01	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	25.88	-3.6	22.28	33.01	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM16	25.10	-3.6	21.50	33.01	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM16	25.34	-3.6	21.74	33.01	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM16	25.03	-3.6	21.43	33.01	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM64	23.65	-3.6	20.05	33.01	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM64	23.68	-3.6	20.08	33.01	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM64	23.35	-3.6	19.75	33.01	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM256	21.76	-3.6	18.16	33.01	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM256	22.12	-3.6	18.52	33.01	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM256	21.83	-3.6	18.23	33.01	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	24.64	-3.6	21.04	33.01	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	24.88	-3.6	21.28	33.01	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	24.46	-3.6	20.86	33.01	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM16	24.20	-3.6	20.60	33.01	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM16	24.27	-3.6	20.67	33.01	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM16	23.94	-3.6	20.34	33.01	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM64	22.64	-3.6	19.04	33.01	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM64	22.89	-3.6	19.29	33.01	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM64	22.66	-3.6	19.06	33.01	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM256	19.89	-3.6	16.29	33.01	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM256	19.98	-3.6	16.38	33.01	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM256	19.42	-3.6	15.82	33.01	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_BPSK	26.49	-3.6	22.89	33.01	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_BPSK	26.04	-3.6	22.44	33.01	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_BPSK	26.20	-3.6	22.60	33.01	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QPSK	26.49	-3.6	22.89	33.01	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QPSK	25.92	-3.6	22.32	33.01	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QPSK	26.07	-3.6	22.47	33.01	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM16	25.54	-3.6	21.94	33.01	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM16	25.04	-3.6	21.44	33.01	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM16	25.26	-3.6	21.66	33.01	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM64	24.02	-3.6	20.42	33.01	PASS



n77(3700-3980)	30	30	647668	1@1	DFT_QAM64	23.66	-3.6	20.06	33.01	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM64	23.67	-3.6	20.07	33.01	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM256	22.10	-3.6	18.50	33.01	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM256	22.00	-3.6	18.40	33.01	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM256	21.81	-3.6	18.21	33.01	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QPSK	24.96	-3.6	21.36	33.01	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QPSK	24.55	-3.6	20.95	33.01	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QPSK	24.62	-3.6	21.02	33.01	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM16	24.51	-3.6	20.91	33.01	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM16	24.03	-3.6	20.43	33.01	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM16	24.21	-3.6	20.61	33.01	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM64	23.06	-3.6	19.46	33.01	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM64	22.76	-3.6	19.16	33.01	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM64	22.77	-3.6	19.17	33.01	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM256	20.19	-3.6	16.59	33.01	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM256	19.78	-3.6	16.18	33.01	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM256	19.48	-3.6	15.88	33.01	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_BPSK	26.40	-3.6	22.80	33.01	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_BPSK	25.97	-3.6	22.37	33.01	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_BPSK	26.31	-3.6	22.71	33.01	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QPSK	26.37	-3.6	22.77	33.01	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QPSK	25.78	-3.6	22.18	33.01	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QPSK	26.12	-3.6	22.52	33.01	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM16	25.39	-3.6	21.79	33.01	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM16	24.89	-3.6	21.29	33.01	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM16	25.36	-3.6	21.76	33.01	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM64	24.02	-3.6	20.42	33.01	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM64	23.50	-3.6	19.90	33.01	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM64	23.88	-3.6	20.28	33.01	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM256	22.00	-3.6	18.40	33.01	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM256	21.75	-3.6	18.15	33.01	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM256	22.00	-3.6	18.40	33.01	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QPSK	24.88	-3.6	21.28	33.01	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QPSK	24.41	-3.6	20.81	33.01	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QPSK	24.74	-3.6	21.14	33.01	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM16	24.35	-3.6	20.75	33.01	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM16	23.95	-3.6	20.35	33.01	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM16	24.29	-3.6	20.69	33.01	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM64	22.97	-3.6	19.37	33.01	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM64	22.56	-3.6	18.96	33.01	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM64	22.88	-3.6	19.28	33.01	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM256	20.13	-3.6	16.53	33.01	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM256	19.51	-3.6	15.91	33.01	PASS

n77(3700-3980)	30	30	656000	1@76	CP_QAM256	20.08	-3.6	16.48	33.01	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_BPSK	26.28	-3.6	22.68	33.01	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_BPSK	25.89	-3.6	22.29	33.01	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_BPSK	25.79	-3.6	22.19	33.01	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QPSK	26.22	-3.6	22.62	33.01	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QPSK	25.91	-3.6	22.31	33.01	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QPSK	25.62	-3.6	22.02	33.01	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM16	25.26	-3.6	21.66	33.01	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM16	25.03	-3.6	21.43	33.01	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM16	24.66	-3.6	21.06	33.01	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM64	23.79	-3.6	20.19	33.01	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM64	23.53	-3.6	19.93	33.01	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM64	23.39	-3.6	19.79	33.01	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM256	21.90	-3.6	18.30	33.01	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM256	21.67	-3.6	18.07	33.01	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM256	21.42	-3.6	17.82	33.01	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QPSK	24.69	-3.6	21.09	33.01	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QPSK	24.37	-3.6	20.77	33.01	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QPSK	24.24	-3.6	20.64	33.01	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM16	24.25	-3.6	20.65	33.01	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM16	23.98	-3.6	20.38	33.01	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM16	23.73	-3.6	20.13	33.01	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM64	22.80	-3.6	19.20	33.01	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM64	22.52	-3.6	18.92	33.01	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM64	21.94	-3.6	18.34	33.01	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM256	19.91	-3.6	16.31	33.01	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM256	19.43	-3.6	15.83	33.01	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM256	19.34	-3.6	15.74	33.01	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	26.52	-3.6	22.92	33.01	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	25.99	-3.6	22.39	33.01	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	26.03	-3.6	22.43	33.01	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	26.48	-3.6	22.88	33.01	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	25.81	-3.6	22.21	33.01	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	25.85	-3.6	22.25	33.01	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM16	25.40	-3.6	21.80	33.01	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM16	24.85	-3.6	21.25	33.01	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM16	24.91	-3.6	21.31	33.01	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM64	23.98	-3.6	20.38	33.01	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM64	23.27	-3.6	19.67	33.01	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM64	23.62	-3.6	20.02	33.01	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM256	22.10	-3.6	18.50	33.01	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM256	21.63	-3.6	18.03	33.01	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM256	21.74	-3.6	18.14	33.01	PASS



n77(3700-3980)	30	40	648000	53@26	CP_QPSK	24.87	-3.6	21.27	33.01	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	24.25	-3.6	20.65	33.01	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	24.50	-3.6	20.90	33.01	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM16	24.49	-3.6	20.89	33.01	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM16	23.87	-3.6	20.27	33.01	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM16	23.92	-3.6	20.32	33.01	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM64	23.05	-3.6	19.45	33.01	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM64	22.53	-3.6	18.93	33.01	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM64	22.64	-3.6	19.04	33.01	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM256	20.10	-3.6	16.50	33.01	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM256	19.35	-3.6	15.75	33.01	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM256	19.54	-3.6	15.94	33.01	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	26.41	-3.6	22.81	33.01	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	25.72	-3.6	22.12	33.01	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	26.14	-3.6	22.54	33.01	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	26.32	-3.6	22.72	33.01	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	25.64	-3.6	22.04	33.01	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	25.93	-3.6	22.33	33.01	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM16	25.38	-3.6	21.78	33.01	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM16	24.80	-3.6	21.20	33.01	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM16	24.90	-3.6	21.30	33.01	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM64	23.98	-3.6	20.38	33.01	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM64	22.98	-3.6	19.38	33.01	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM64	23.30	-3.6	19.70	33.01	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM256	22.04	-3.6	18.44	33.01	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM256	21.61	-3.6	18.01	33.01	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM256	21.92	-3.6	18.32	33.01	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	24.87	-3.6	21.27	33.01	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	24.36	-3.6	20.76	33.01	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	24.69	-3.6	21.09	33.01	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM16	24.43	-3.6	20.83	33.01	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM16	23.77	-3.6	20.17	33.01	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM16	24.04	-3.6	20.44	33.01	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM64	23.00	-3.6	19.40	33.01	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM64	22.43	-3.6	18.83	33.01	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM64	22.74	-3.6	19.14	33.01	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM256	20.08	-3.6	16.48	33.01	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM256	19.19	-3.6	15.59	33.01	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM256	19.78	-3.6	16.18	33.01	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	26.28	-3.6	22.68	33.01	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	25.58	-3.6	21.98	33.01	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	25.61	-3.6	22.01	33.01	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	26.24	-3.6	22.64	33.01	PASS

n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	25.40	-3.6	21.80	33.01	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	25.49	-3.6	21.89	33.01	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM16	25.21	-3.6	21.61	33.01	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM16	24.51	-3.6	20.91	33.01	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM16	24.46	-3.6	20.86	33.01	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM64	23.79	-3.6	20.19	33.01	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM64	23.02	-3.6	19.42	33.01	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM64	22.84	-3.6	19.24	33.01	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM256	21.90	-3.6	18.30	33.01	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM256	21.45	-3.6	17.85	33.01	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM256	21.43	-3.6	17.83	33.01	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	24.69	-3.6	21.09	33.01	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	23.95	-3.6	20.35	33.01	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	24.04	-3.6	20.44	33.01	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM16	24.33	-3.6	20.73	33.01	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM16	23.40	-3.6	19.80	33.01	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM16	23.48	-3.6	19.88	33.01	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM64	22.85	-3.6	19.25	33.01	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM64	22.10	-3.6	18.50	33.01	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM64	22.10	-3.6	18.50	33.01	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM256	19.99	-3.6	16.39	33.01	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM256	18.88	-3.6	15.28	33.01	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM256	18.95	-3.6	15.35	33.01	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	26.59	-3.6	22.99	33.01	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	26.24	-3.6	22.64	33.01	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	26.37	-3.6	22.77	33.01	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	26.57	-3.6	22.97	33.01	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	26.10	-3.6	22.50	33.01	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	26.23	-3.6	22.63	33.01	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM16	25.58	-3.6	21.98	33.01	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM16	25.42	-3.6	21.82	33.01	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM16	25.64	-3.6	22.04	33.01	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM64	24.09	-3.6	20.49	33.01	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM64	23.64	-3.6	20.04	33.01	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM64	23.81	-3.6	20.21	33.01	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM256	22.12	-3.6	18.52	33.01	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM256	22.04	-3.6	18.44	33.01	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM256	22.01	-3.6	18.41	33.01	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	24.99	-3.6	21.39	33.01	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	24.69	-3.6	21.09	33.01	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	24.86	-3.6	21.26	33.01	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM16	24.53	-3.6	20.93	33.01	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM16	24.20	-3.6	20.60	33.01	PASS

n77(3700-3980)	30	50	648334	1@131	CP_QAM16	24.41	-3.6	20.81	33.01	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM64	23.03	-3.6	19.43	33.01	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM64	22.82	-3.6	19.22	33.01	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM64	22.95	-3.6	19.35	33.01	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM256	20.27	-3.6	16.67	33.01	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM256	19.96	-3.6	16.36	33.01	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM256	20.17	-3.6	16.57	33.01	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	26.47	-3.6	22.87	33.01	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	26.09	-3.6	22.49	33.01	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	26.35	-3.6	22.75	33.01	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	26.46	-3.6	22.86	33.01	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	25.94	-3.6	22.34	33.01	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	26.26	-3.6	22.66	33.01	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM16	25.44	-3.6	21.84	33.01	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM16	25.01	-3.6	21.41	33.01	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM16	25.29	-3.6	21.69	33.01	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM64	24.00	-3.6	20.40	33.01	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM64	23.86	-3.6	20.26	33.01	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM64	24.15	-3.6	20.55	33.01	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM256	22.02	-3.6	18.42	33.01	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM256	21.80	-3.6	18.20	33.01	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM256	22.07	-3.6	18.47	33.01	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	25.02	-3.6	21.42	33.01	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	24.29	-3.6	20.69	33.01	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	24.58	-3.6	20.98	33.01	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM16	24.42	-3.6	20.82	33.01	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM16	24.08	-3.6	20.48	33.01	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM16	24.39	-3.6	20.79	33.01	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM64	22.99	-3.6	19.39	33.01	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM64	22.36	-3.6	18.76	33.01	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM64	22.65	-3.6	19.05	33.01	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM256	20.22	-3.6	16.62	33.01	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM256	19.57	-3.6	15.97	33.01	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM256	19.82	-3.6	16.22	33.01	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	26.29	-3.6	22.69	33.01	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	25.96	-3.6	22.36	33.01	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	25.93	-3.6	22.33	33.01	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	26.29	-3.6	22.69	33.01	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	25.95	-3.6	22.35	33.01	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	25.74	-3.6	22.14	33.01	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM16	25.28	-3.6	21.68	33.01	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM16	25.07	-3.6	21.47	33.01	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM16	25.01	-3.6	21.41	33.01	PASS

n77(3700-3980)	30	50	663666	64@32	DFT_QAM64	23.79	-3.6	20.19	33.01	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM64	23.21	-3.6	19.61	33.01	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM64	23.21	-3.6	19.61	33.01	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM256	21.88	-3.6	18.28	33.01	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM256	21.72	-3.6	18.12	33.01	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM256	21.54	-3.6	17.94	33.01	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	24.84	-3.6	21.24	33.01	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	24.35	-3.6	20.75	33.01	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	24.32	-3.6	20.72	33.01	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM16	24.18	-3.6	20.58	33.01	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM16	23.89	-3.6	20.29	33.01	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM16	23.83	-3.6	20.23	33.01	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM64	22.78	-3.6	19.18	33.01	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM64	22.37	-3.6	18.77	33.01	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM64	22.47	-3.6	18.87	33.01	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM256	20.04	-3.6	16.44	33.01	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM256	19.76	-3.6	16.16	33.01	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM256	19.68	-3.6	16.08	33.01	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	26.56	-3.6	22.96	33.01	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	26.14	-3.6	22.54	33.01	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	26.16	-3.6	22.56	33.01	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	26.48	-3.6	22.88	33.01	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	26.01	-3.6	22.41	33.01	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	26.01	-3.6	22.41	33.01	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM16	25.54	-3.6	21.94	33.01	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM16	25.03	-3.6	21.43	33.01	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM16	25.03	-3.6	21.43	33.01	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM64	24.07	-3.6	20.47	33.01	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM64	23.75	-3.6	20.15	33.01	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM64	23.82	-3.6	20.22	33.01	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM256	22.15	-3.6	18.55	33.01	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM256	21.74	-3.6	18.14	33.01	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM256	21.77	-3.6	18.17	33.01	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	24.94	-3.6	21.34	33.01	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	24.30	-3.6	20.70	33.01	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	24.39	-3.6	20.79	33.01	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM16	24.56	-3.6	20.96	33.01	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM16	24.05	-3.6	20.45	33.01	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM16	24.19	-3.6	20.59	33.01	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM64	23.04	-3.6	19.44	33.01	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM64	22.30	-3.6	18.70	33.01	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM64	22.41	-3.6	18.81	33.01	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM256	20.12	-3.6	16.52	33.01	PASS

n77(3700-3980)	30	60	648668	1@1	CP_QAM256	19.52	-3.6	15.92	33.01	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM256	19.54	-3.6	15.94	33.01	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	26.46	-3.6	22.86	33.01	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	25.95	-3.6	22.35	33.01	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	26.17	-3.6	22.57	33.01	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	26.48	-3.6	22.88	33.01	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	25.80	-3.6	22.20	33.01	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	26.11	-3.6	22.51	33.01	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM16	25.46	-3.6	21.86	33.01	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM16	24.88	-3.6	21.28	33.01	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM16	25.15	-3.6	21.55	33.01	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM64	24.03	-3.6	20.43	33.01	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM64	23.56	-3.6	19.96	33.01	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM64	23.83	-3.6	20.23	33.01	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM256	22.02	-3.6	18.42	33.01	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM256	21.87	-3.6	18.27	33.01	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM256	22.09	-3.6	18.49	33.01	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	24.94	-3.6	21.34	33.01	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QPSK	24.43	-3.6	20.83	33.01	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	24.67	-3.6	21.07	33.01	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM16	24.49	-3.6	20.89	33.01	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM16	23.95	-3.6	20.35	33.01	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM16	24.36	-3.6	20.76	33.01	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM64	22.93	-3.6	19.33	33.01	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM64	22.50	-3.6	18.90	33.01	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM64	22.94	-3.6	19.34	33.01	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM256	20.14	-3.6	16.54	33.01	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM256	19.35	-3.6	15.75	33.01	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM256	19.50	-3.6	15.90	33.01	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	26.22	-3.6	22.62	33.01	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	25.89	-3.6	22.29	33.01	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	25.74	-3.6	22.14	33.01	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	26.20	-3.6	22.60	33.01	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	25.83	-3.6	22.23	33.01	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	25.57	-3.6	21.97	33.01	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM16	25.19	-3.6	21.59	33.01	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM16	24.88	-3.6	21.28	33.01	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM16	24.73	-3.6	21.13	33.01	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM64	23.74	-3.6	20.14	33.01	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM64	23.53	-3.6	19.93	33.01	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM64	23.39	-3.6	19.79	33.01	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM256	21.79	-3.6	18.19	33.01	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM256	21.94	-3.6	18.34	33.01	PASS



n77(3700-3980)	30	60	663332	1@160	DFT_QAM256	21.73	-3.6	18.13	33.01	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	24.66	-3.6	21.06	33.01	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	24.37	-3.6	20.77	33.01	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	24.05	-3.6	20.45	33.01	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM16	24.16	-3.6	20.56	33.01	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM16	23.91	-3.6	20.31	33.01	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM16	23.65	-3.6	20.05	33.01	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM64	22.74	-3.6	19.14	33.01	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM64	22.47	-3.6	18.87	33.01	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM64	22.30	-3.6	18.70	33.01	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM256	19.83	-3.6	16.23	33.01	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM256	19.28	-3.6	15.68	33.01	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM256	19.03	-3.6	15.43	33.01	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	26.67	-3.6	23.07	33.01	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	26.02	-3.6	22.42	33.01	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	26.07	-3.6	22.47	33.01	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	26.62	-3.6	23.02	33.01	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	25.82	-3.6	22.22	33.01	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	25.94	-3.6	22.34	33.01	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM16	25.64	-3.6	22.04	33.01	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM16	24.94	-3.6	21.34	33.01	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM16	24.92	-3.6	21.32	33.01	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM64	24.17	-3.6	20.57	33.01	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM64	23.59	-3.6	19.99	33.01	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM64	23.62	-3.6	20.02	33.01	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM256	22.18	-3.6	18.58	33.01	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM256	21.85	-3.6	18.25	33.01	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM256	21.71	-3.6	18.11	33.01	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	25.01	-3.6	21.41	33.01	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	24.43	-3.6	20.83	33.01	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	24.54	-3.6	20.94	33.01	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM16	24.70	-3.6	21.10	33.01	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM16	23.93	-3.6	20.33	33.01	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM16	24.08	-3.6	20.48	33.01	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM64	23.12	-3.6	19.52	33.01	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM64	22.47	-3.6	18.87	33.01	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM64	22.47	-3.6	18.87	33.01	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM256	20.33	-3.6	16.73	33.01	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM256	19.35	-3.6	15.75	33.01	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM256	19.49	-3.6	15.89	33.01	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	26.58	-3.6	22.98	33.01	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	25.79	-3.6	22.19	33.01	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	26.11	-3.6	22.51	33.01	PASS



n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	26.45	-3.6	22.85	33.01	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	25.64	-3.6	22.04	33.01	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	25.98	-3.6	22.38	33.01	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM16	25.54	-3.6	21.94	33.01	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM16	24.72	-3.6	21.12	33.01	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM16	24.97	-3.6	21.37	33.01	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM64	24.05	-3.6	20.45	33.01	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM64	23.19	-3.6	19.59	33.01	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM64	23.56	-3.6	19.96	33.01	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM256	22.13	-3.6	18.53	33.01	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM256	21.55	-3.6	17.95	33.01	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM256	22.01	-3.6	18.41	33.01	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	24.95	-3.6	21.35	33.01	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	24.48	-3.6	20.88	33.01	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	24.79	-3.6	21.19	33.01	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM16	24.52	-3.6	20.92	33.01	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM16	23.81	-3.6	20.21	33.01	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM16	24.20	-3.6	20.60	33.01	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM64	23.11	-3.6	19.51	33.01	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM64	22.46	-3.6	18.86	33.01	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM64	22.77	-3.6	19.17	33.01	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM256	20.24	-3.6	16.64	33.01	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM256	19.31	-3.6	15.71	33.01	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM256	19.66	-3.6	16.06	33.01	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	26.18	-3.6	22.58	33.01	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	25.71	-3.6	22.11	33.01	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	25.66	-3.6	22.06	33.01	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	26.16	-3.6	22.56	33.01	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	25.48	-3.6	21.88	33.01	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	25.44	-3.6	21.84	33.01	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM16	25.30	-3.6	21.70	33.01	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM16	24.54	-3.6	20.94	33.01	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM16	24.49	-3.6	20.89	33.01	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM64	23.73	-3.6	20.13	33.01	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM64	23.02	-3.6	19.42	33.01	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM64	23.01	-3.6	19.41	33.01	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM256	21.96	-3.6	18.36	33.01	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM256	21.49	-3.6	17.89	33.01	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM256	21.43	-3.6	17.83	33.01	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	24.54	-3.6	20.94	33.01	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	24.21	-3.6	20.61	33.01	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QPSK	24.16	-3.6	20.56	33.01	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM16	24.17	-3.6	20.57	33.01	PASS

n77(3700-3980)	30	80	662666	1@1	CP_QAM16	23.60	-3.6	20.00	33.01	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM16	23.55	-3.6	19.95	33.01	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM64	22.80	-3.6	19.20	33.01	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM64	22.24	-3.6	18.64	33.01	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM64	22.17	-3.6	18.57	33.01	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM256	19.89	-3.6	16.29	33.01	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM256	19.16	-3.6	15.56	33.01	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM256	19.08	-3.6	15.48	33.01	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	26.53	-3.6	22.93	33.01	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	25.77	-3.6	22.17	33.01	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	25.85	-3.6	22.25	33.01	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	26.53	-3.6	22.93	33.01	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	25.69	-3.6	22.09	33.01	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	25.75	-3.6	22.15	33.01	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM16	25.58	-3.6	21.98	33.01	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM16	24.77	-3.6	21.17	33.01	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM16	24.82	-3.6	21.22	33.01	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM64	24.15	-3.6	20.55	33.01	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM64	23.23	-3.6	19.63	33.01	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM64	23.40	-3.6	19.80	33.01	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM256	22.05	-3.6	18.45	33.01	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM256	21.47	-3.6	17.87	33.01	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM256	21.67	-3.6	18.07	33.01	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	25.05	-3.6	21.45	33.01	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	24.33	-3.6	20.73	33.01	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	24.41	-3.6	20.81	33.01	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM16	24.52	-3.6	20.92	33.01	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM16	23.76	-3.6	20.16	33.01	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM16	23.84	-3.6	20.24	33.01	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM64	22.97	-3.6	19.37	33.01	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM64	22.47	-3.6	18.87	33.01	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM64	22.56	-3.6	18.96	33.01	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM256	20.25	-3.6	16.65	33.01	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM256	19.35	-3.6	15.75	33.01	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM256	19.46	-3.6	15.86	33.01	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	26.52	-3.6	22.92	33.01	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	25.76	-3.6	22.16	33.01	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	25.92	-3.6	22.32	33.01	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	26.47	-3.6	22.87	33.01	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	25.55	-3.6	21.95	33.01	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	25.76	-3.6	22.16	33.01	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM16	25.43	-3.6	21.83	33.01	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM16	24.88	-3.6	21.28	33.01	PASS

n77(3700-3980)	30	90	656000	1@243	DFT_QAM16	25.18	-3.6	21.58	33.01	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM64	23.97	-3.6	20.37	33.01	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM64	23.35	-3.6	19.75	33.01	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM64	23.65	-3.6	20.05	33.01	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM256	22.07	-3.6	18.47	33.01	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM256	21.25	-3.6	17.65	33.01	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM256	21.65	-3.6	18.05	33.01	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	24.90	-3.6	21.30	33.01	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	24.02	-3.6	20.42	33.01	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	24.24	-3.6	20.64	33.01	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM16	24.41	-3.6	20.81	33.01	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM16	24.03	-3.6	20.43	33.01	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM16	24.31	-3.6	20.71	33.01	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM64	22.92	-3.6	19.32	33.01	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM64	21.91	-3.6	18.31	33.01	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM64	22.27	-3.6	18.67	33.01	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM256	20.24	-3.6	16.64	33.01	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM256	19.23	-3.6	15.63	33.01	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM256	19.59	-3.6	15.99	33.01	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	26.15	-3.6	22.55	33.01	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	25.71	-3.6	22.11	33.01	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	25.51	-3.6	21.91	33.01	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	26.11	-3.6	22.51	33.01	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	25.55	-3.6	21.95	33.01	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	25.33	-3.6	21.73	33.01	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM16	25.14	-3.6	21.54	33.01	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM16	24.87	-3.6	21.27	33.01	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM16	24.64	-3.6	21.04	33.01	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM64	23.66	-3.6	20.06	33.01	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM64	23.39	-3.6	19.79	33.01	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM64	23.15	-3.6	19.55	33.01	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM256	21.52	-3.6	17.92	33.01	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM256	21.30	-3.6	17.70	33.01	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM256	21.16	-3.6	17.56	33.01	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	24.56	-3.6	20.96	33.01	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	23.88	-3.6	20.28	33.01	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	23.78	-3.6	20.18	33.01	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM16	24.06	-3.6	20.46	33.01	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM16	24.05	-3.6	20.45	33.01	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM16	23.82	-3.6	20.22	33.01	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM64	22.62	-3.6	19.02	33.01	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM64	21.92	-3.6	18.32	33.01	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM64	21.64	-3.6	18.04	33.01	PASS

n77(3700-3980)	30	90	662332	123@61	CP_QAM256	19.92	-3.6	16.32	33.01	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM256	19.25	-3.6	15.65	33.01	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM256	19.15	-3.6	15.55	33.01	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	26.56	-3.6	22.96	33.01	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	25.63	-3.6	22.03	33.01	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	25.65	-3.6	22.05	33.01	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	26.57	-3.6	22.97	33.01	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	25.41	-3.6	21.81	33.01	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	25.44	-3.6	21.84	33.01	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM16	25.53	-3.6	21.93	33.01	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM16	24.79	-3.6	21.19	33.01	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM16	24.82	-3.6	21.22	33.01	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM64	24.03	-3.6	20.43	33.01	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM64	23.23	-3.6	19.63	33.01	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM64	23.36	-3.6	19.76	33.01	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM256	22.12	-3.6	18.52	33.01	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM256	21.17	-3.6	17.57	33.01	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM256	21.22	-3.6	17.62	33.01	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	24.98	-3.6	21.38	33.01	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	23.86	-3.6	20.26	33.01	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	23.90	-3.6	20.30	33.01	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM16	24.60	-3.6	21.00	33.01	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM16	23.90	-3.6	20.30	33.01	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM16	23.90	-3.6	20.30	33.01	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM64	22.99	-3.6	19.39	33.01	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM64	21.84	-3.6	18.24	33.01	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM64	21.88	-3.6	18.28	33.01	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM256	20.20	-3.6	16.60	33.01	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM256	19.24	-3.6	15.64	33.01	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM256	19.25	-3.6	15.65	33.01	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	26.51	-3.6	22.91	33.01	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	25.59	-3.6	21.99	33.01	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	25.67	-3.6	22.07	33.01	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	26.45	-3.6	22.85	33.01	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	25.44	-3.6	21.84	33.01	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	25.56	-3.6	21.96	33.01	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM16	25.46	-3.6	21.86	33.01	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM16	24.50	-3.6	20.90	33.01	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM16	24.63	-3.6	21.03	33.01	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM64	23.97	-3.6	20.37	33.01	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM64	23.22	-3.6	19.62	33.01	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM64	23.45	-3.6	19.85	33.01	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM256	22.03	-3.6	18.43	33.01	PASS

n77(3700-3980)	30	100	656000	1@1	DFT_QAM256	21.15	-3.6	17.55	33.01	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM256	21.34	-3.6	17.74	33.01	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	24.92	-3.6	21.32	33.01	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	23.93	-3.6	20.33	33.01	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	24.11	-3.6	20.51	33.01	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM16	24.54	-3.6	20.94	33.01	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM16	23.87	-3.6	20.27	33.01	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM16	23.73	-3.6	20.13	33.01	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM64	23.00	-3.6	19.40	33.01	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM64	22.04	-3.6	18.44	33.01	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM64	21.81	-3.6	18.21	33.01	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM256	20.26	-3.6	16.66	33.01	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM256	19.19	-3.6	15.59	33.01	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM256	19.72	-3.6	16.12	33.01	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	26.18	-3.6	22.58	33.01	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	25.72	-3.6	22.12	33.01	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	25.34	-3.6	21.74	33.01	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	26.16	-3.6	22.56	33.01	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	25.57	-3.6	21.97	33.01	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	25.11	-3.6	21.51	33.01	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM16	25.19	-3.6	21.59	33.01	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM16	24.84	-3.6	21.24	33.01	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM16	24.56	-3.6	20.96	33.01	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM64	23.62	-3.6	20.02	33.01	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM64	23.33	-3.6	19.73	33.01	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM64	23.06	-3.6	19.46	33.01	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM256	21.61	-3.6	18.01	33.01	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM256	21.24	-3.6	17.64	33.01	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM256	20.96	-3.6	17.36	33.01	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	24.62	-3.6	21.02	33.01	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QPSK	23.95	-3.6	20.35	33.01	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	23.69	-3.6	20.09	33.01	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM16	24.19	-3.6	20.59	33.01	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM16	23.97	-3.6	20.37	33.01	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM16	23.64	-3.6	20.04	33.01	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM64	22.61	-3.6	19.01	33.01	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM64	21.98	-3.6	18.38	33.01	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM64	21.59	-3.6	17.99	33.01	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM256	19.83	-3.6	16.23	33.01	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM256	19.44	-3.6	15.84	33.01	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM256	19.05	-3.6	15.45	33.01	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	-39.82	-0.01	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	3.45	-36.19	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	4.45	-33.52	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	3.87	-36.21	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	3.45	-34.46	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	4.45	-37.48	-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	-21.9	-0.01	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	-20	-23.88	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	-10	-21.56	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	0	-23.68	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	10	-25.69	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	20	-25.55	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	30	-20.18	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	40	-22.73	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	50	-23.17	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-30	-21.96	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-20	-22.17	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-10	-23.08	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	0	-22.48	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	10	-23.9	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	20	-22.34	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	30	-23.82	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	40	-26.66	-0.01	PASS	
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	50	-25.72	-0.01	PASS	

Note: Only the worst case shown in the report.

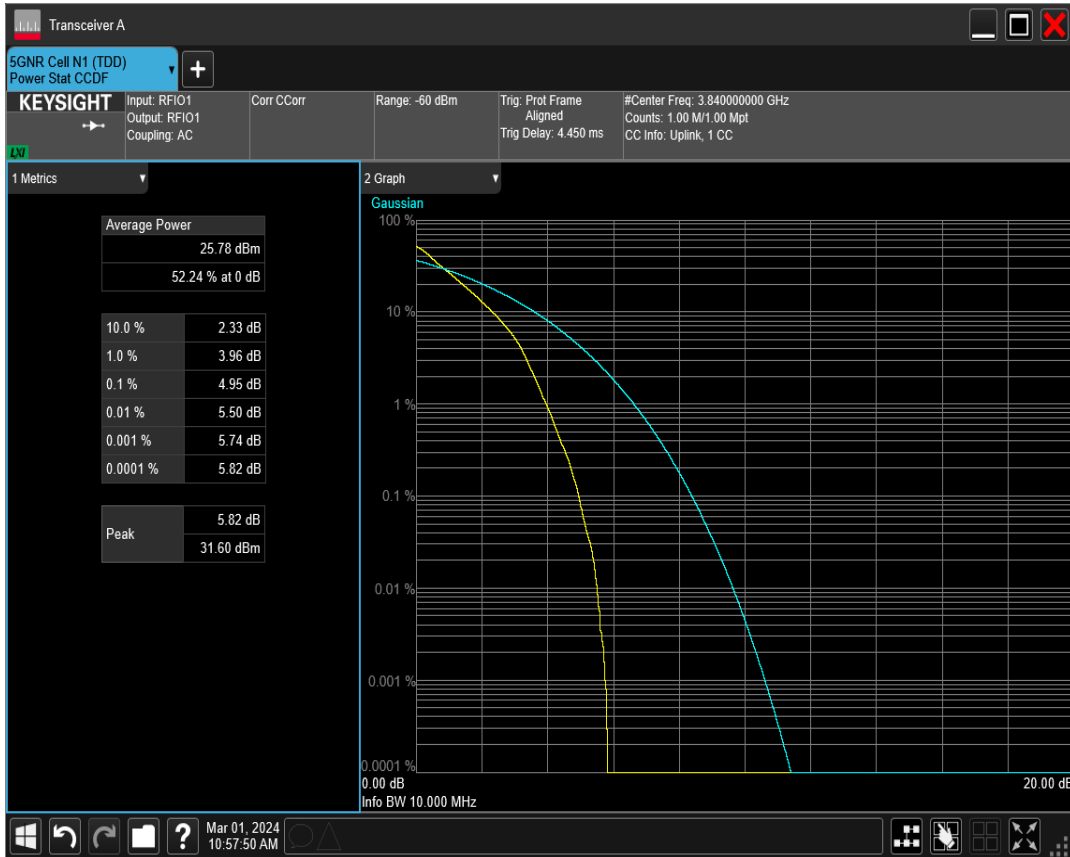


### 3 Peak-to-Average Ratio for NR FR1

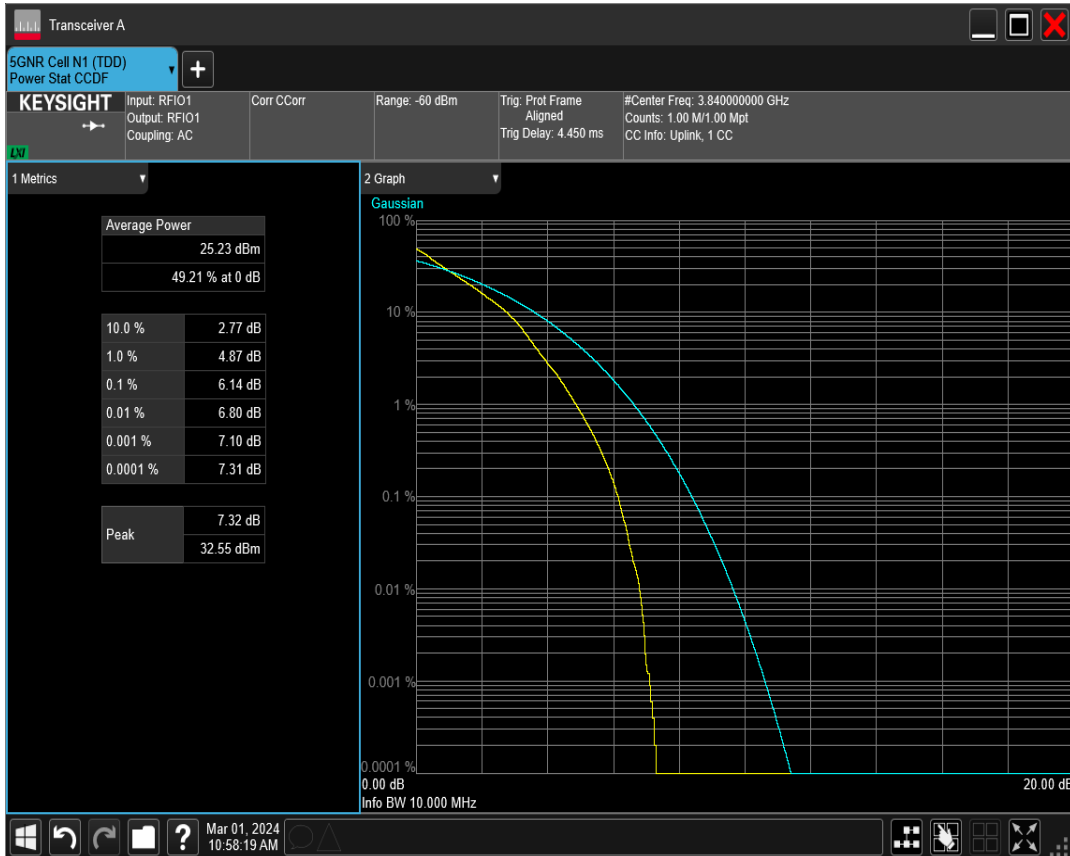
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	4.95	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	6.14	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	6.94	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	7.05	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	6.91	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	5.01	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	6.13	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	6.85	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	7.12	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	7.14	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	6.08	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	6.78	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	6.95	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	6.96	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_BPSK	4.91	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	6.10	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM16	6.94	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM64	7.17	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM256	7.28	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	4.85	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	6.08	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	6.85	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	7.04	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	7.10	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	5.20	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	6.04	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	6.76	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	7.03	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	6.89	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	4.78	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	6.11	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	6.89	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	7.06	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	6.98	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	5.48	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	6.20	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM16	6.81	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM64	6.98	13	PASS

n77(3700-3980)	30	80	656000	216@0	DFT_QAM256	7.15	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_BPSK	5.15	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QPSK	6.11	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM16	6.86	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM64	7.02	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM256	7.10	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	5.52	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	6.01	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM16	6.72	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM64	6.95	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM256	7.02	13	PASS

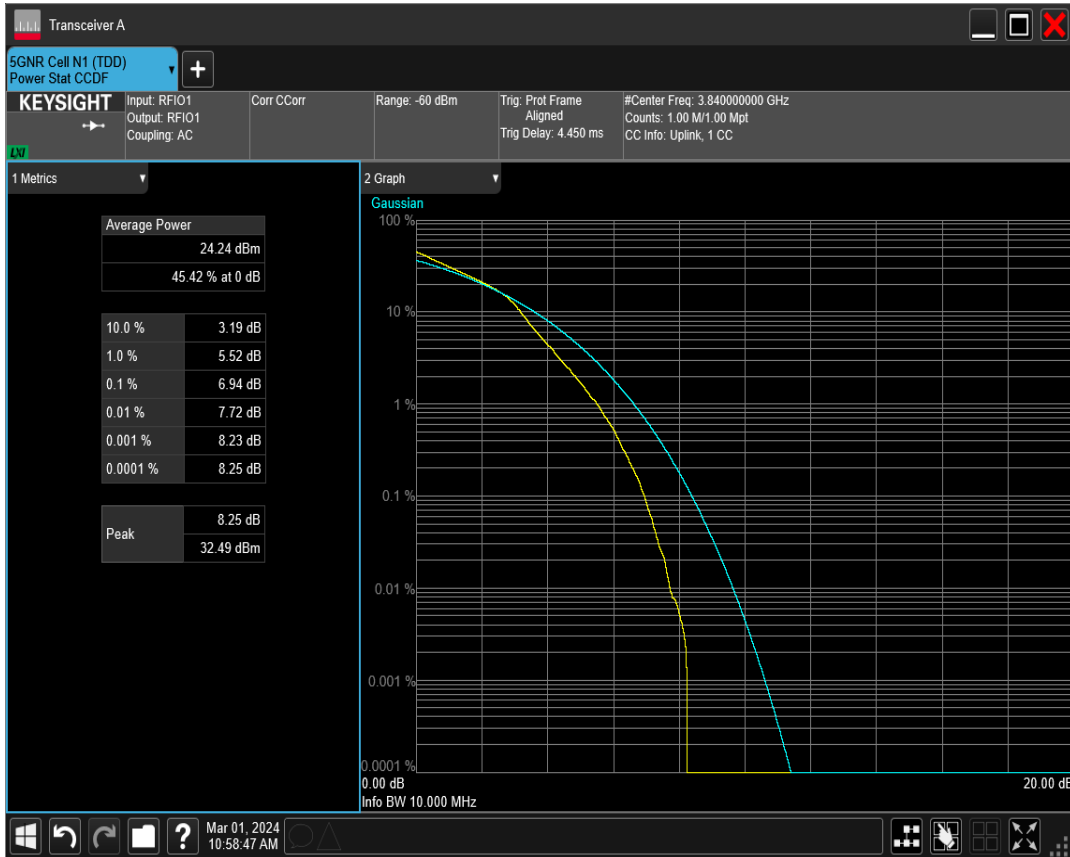
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=10MHz Channel=656000 RB=24@0



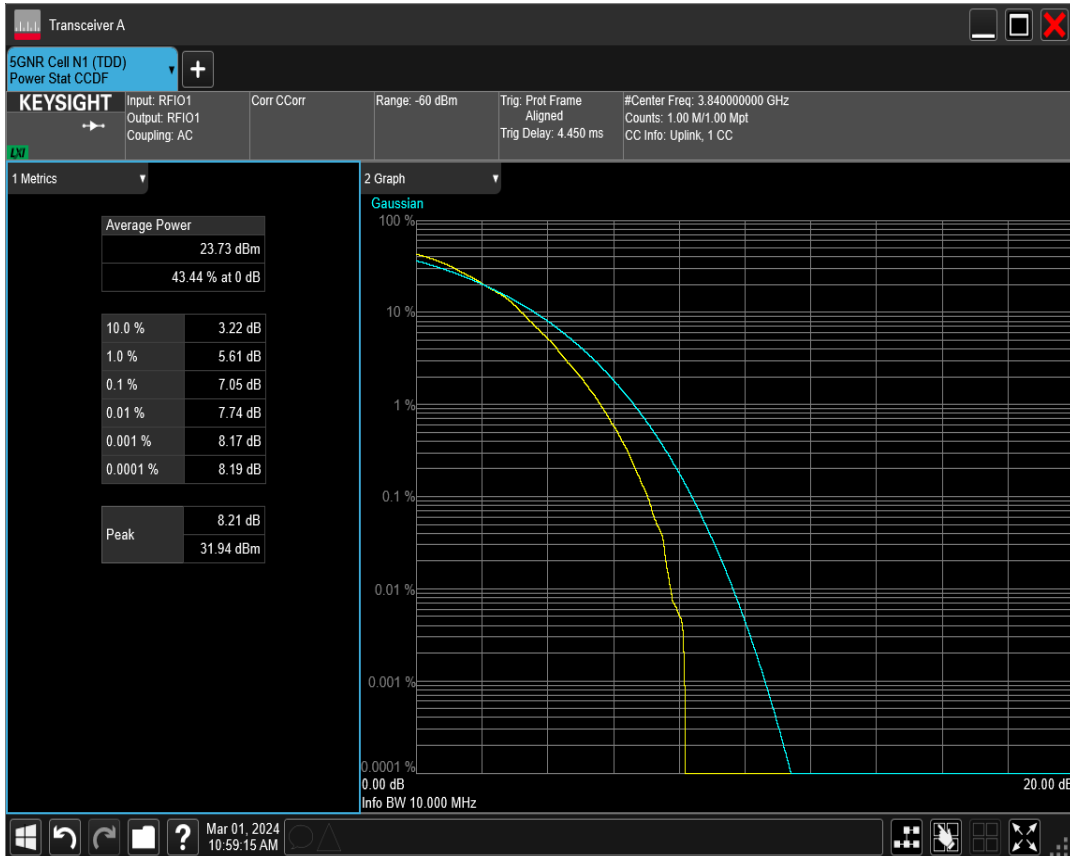
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=656000 RB=24@0



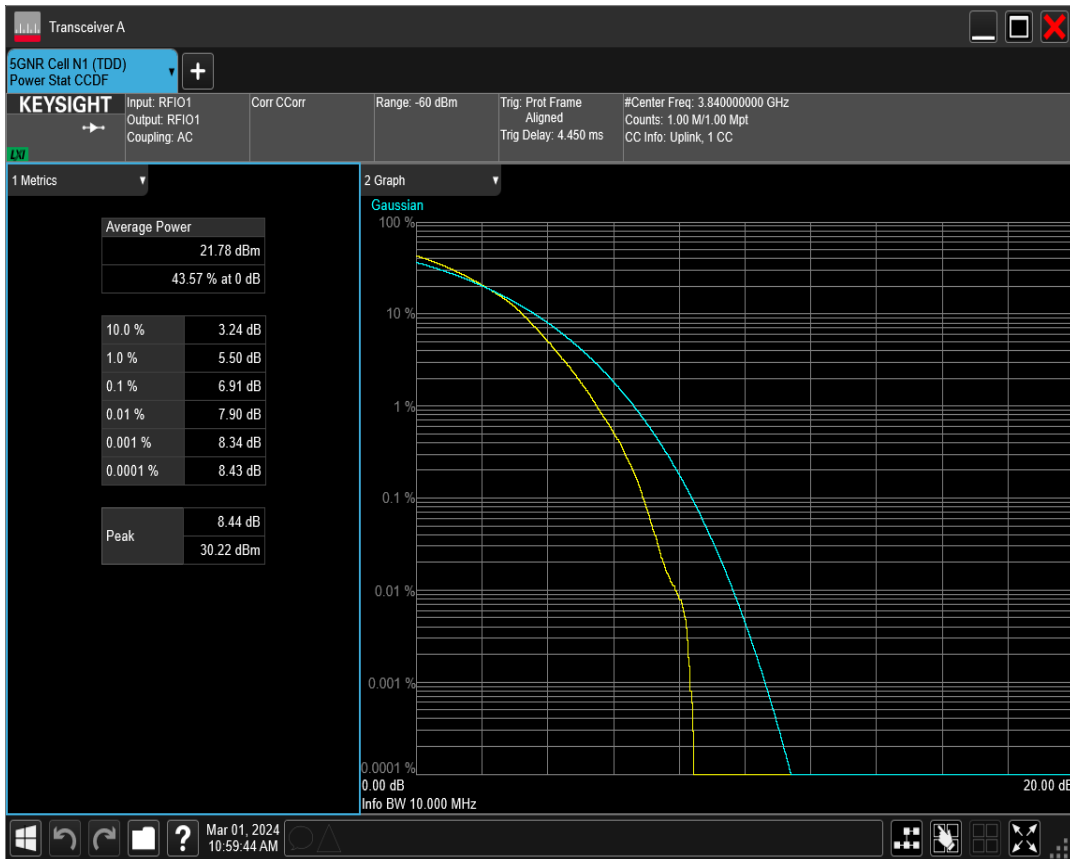
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=10MHz Channel=656000 RB=24@0



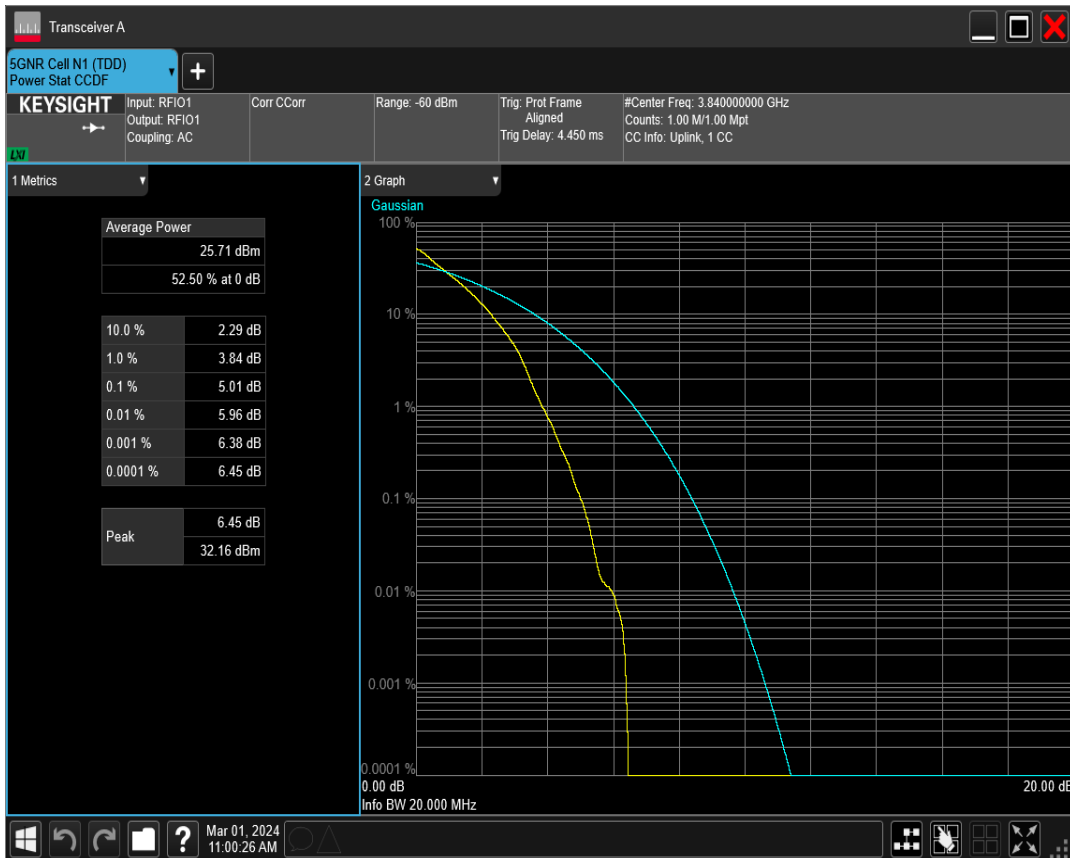
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=10MHz Channel=656000 RB=24@0



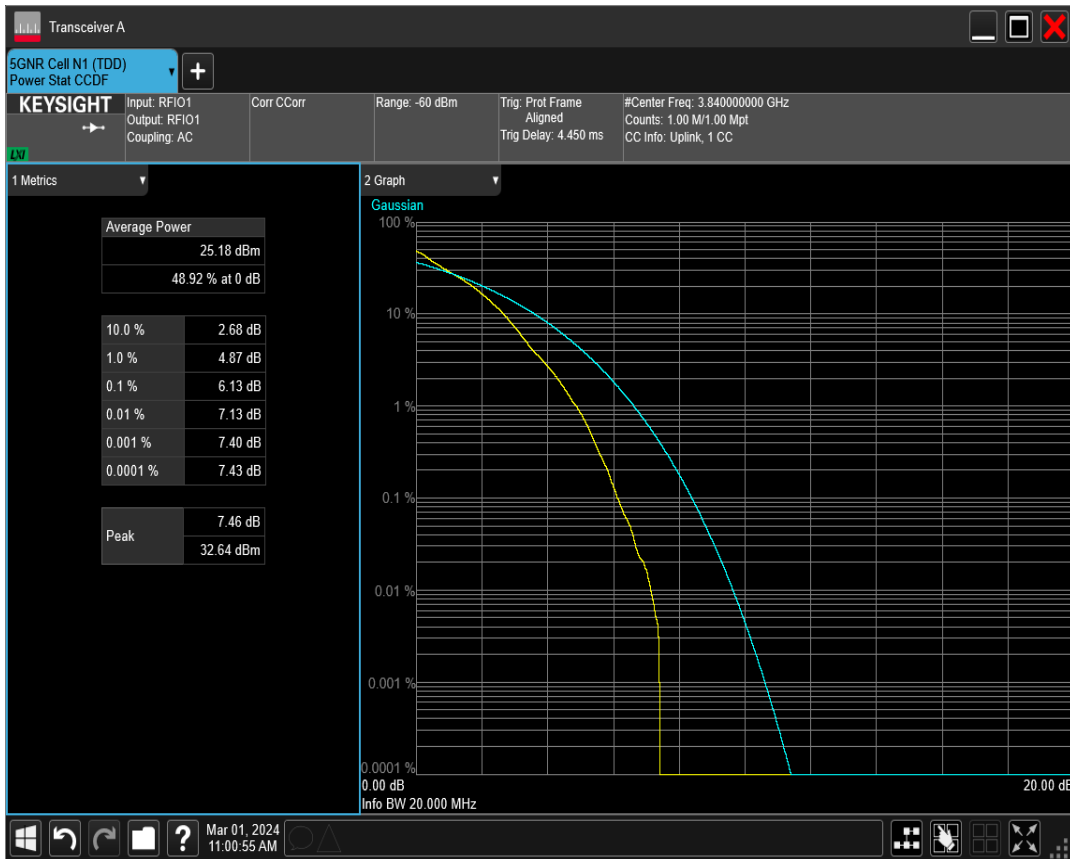
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=10MHz Channel=656000 RB=24@0



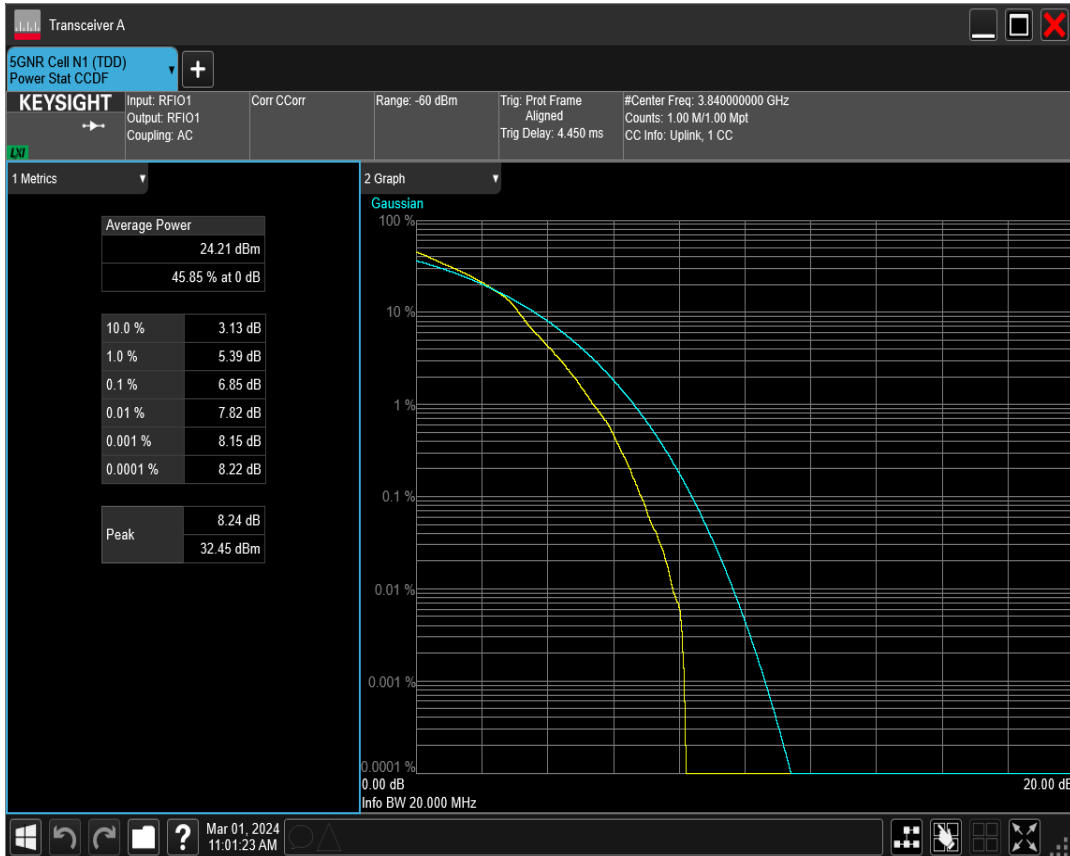
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=15MHz Channel=656000 RB=36@0



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

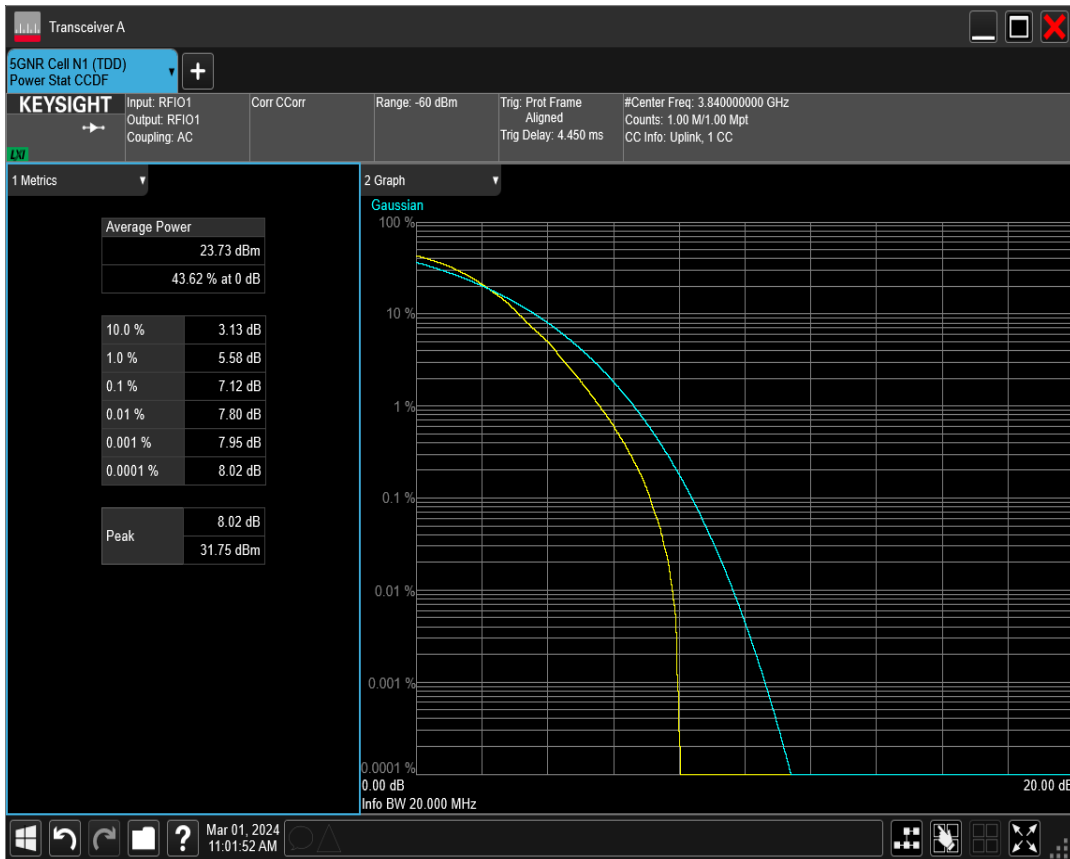


n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=15MHz Channel=656000 RB=36@0

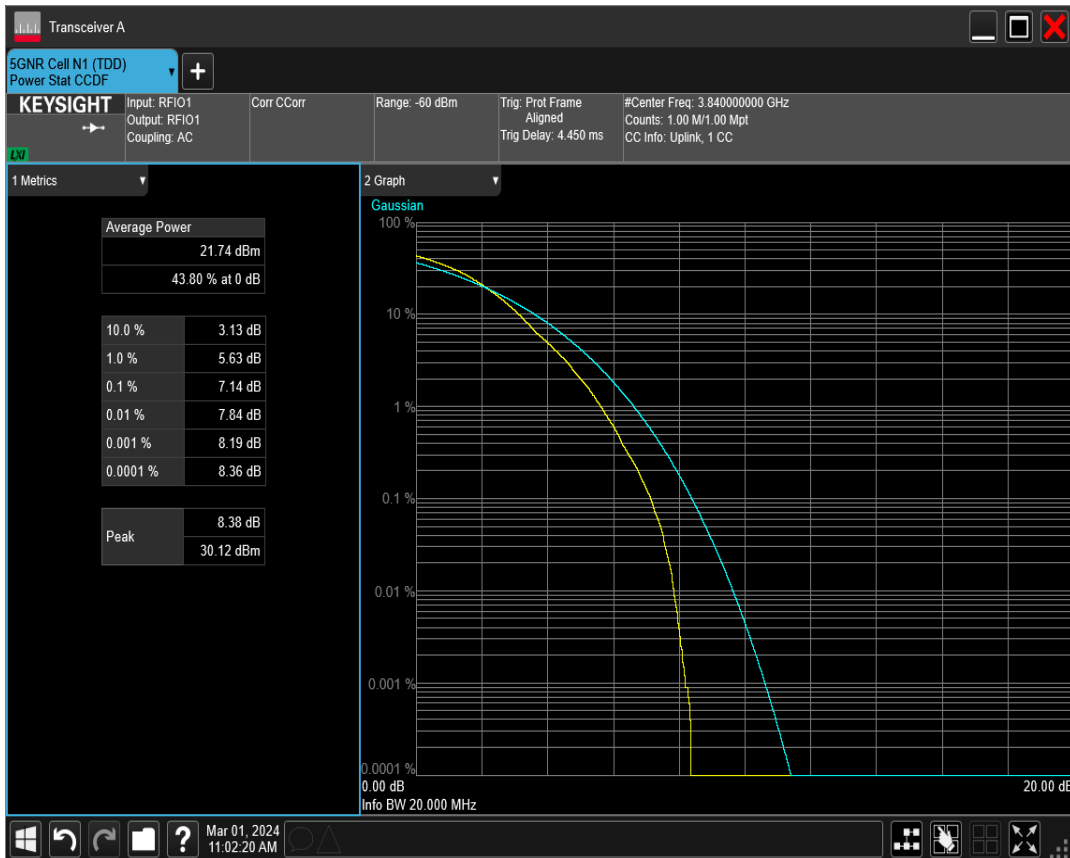




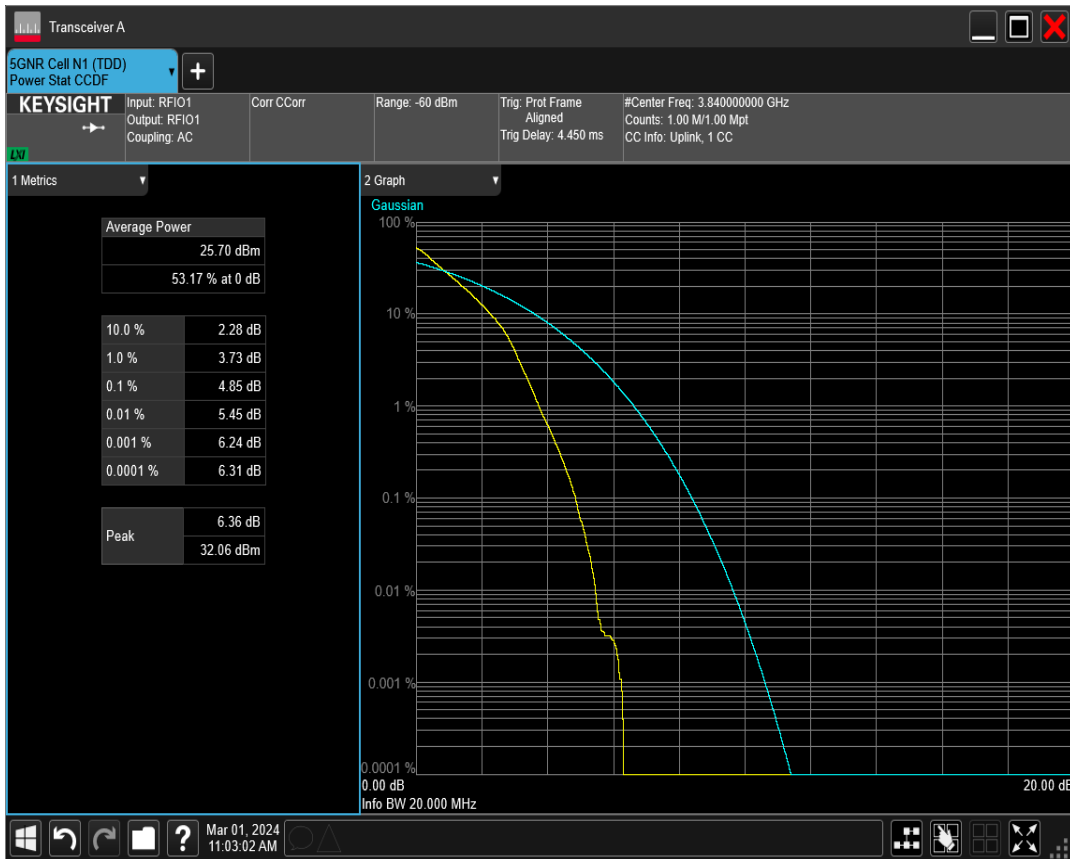
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=15MHz Channel=656000 RB=36@0



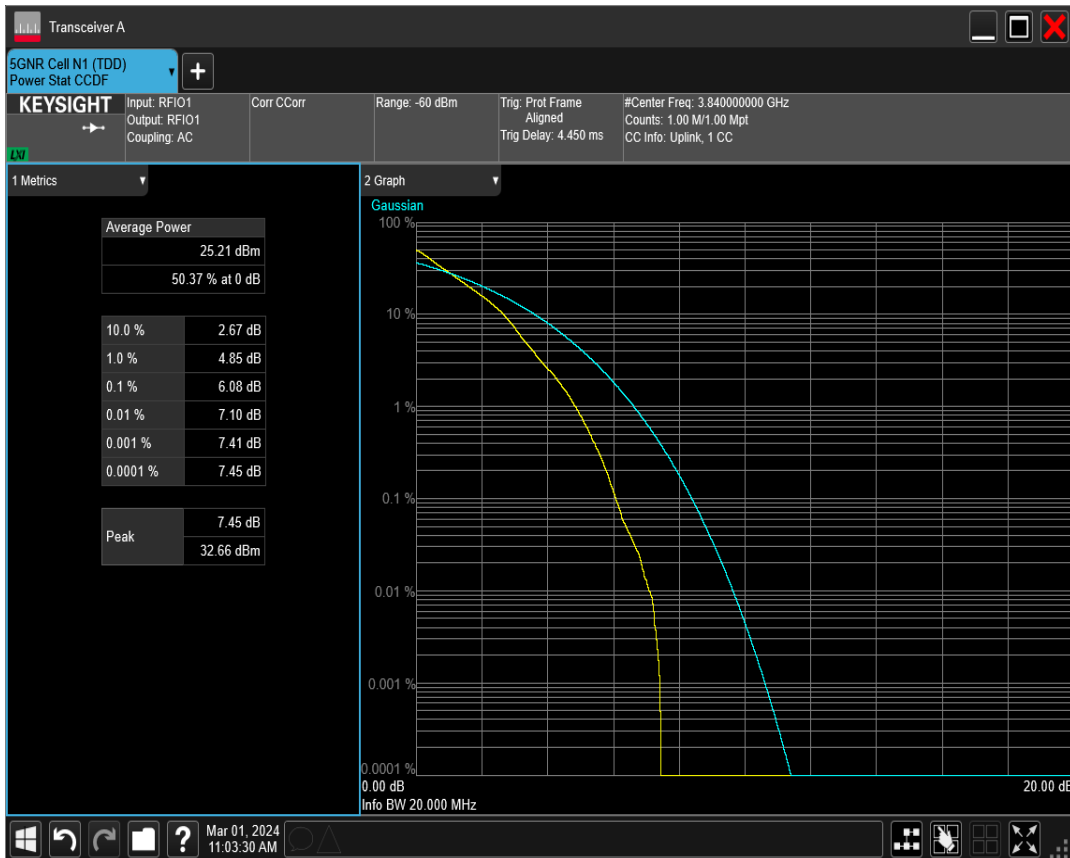
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=15MHz Channel=656000 RB=36@0



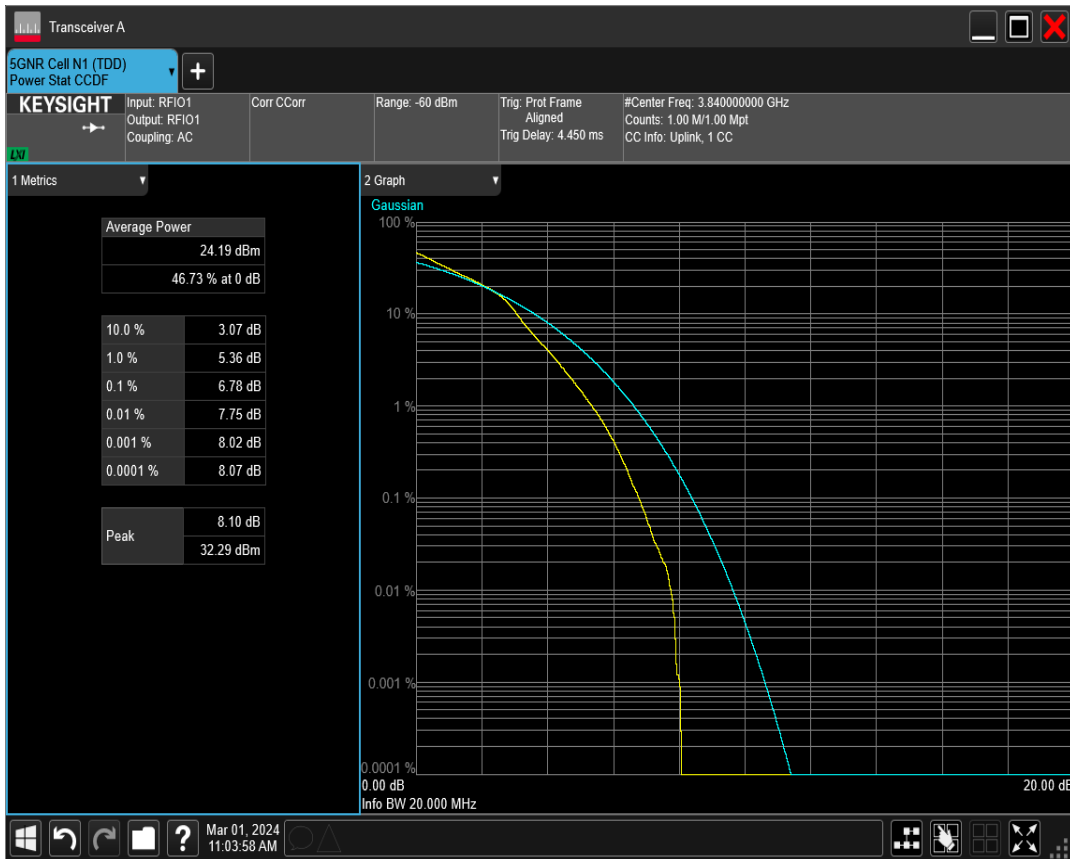
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=20MHz Channel=656000 RB=50@0



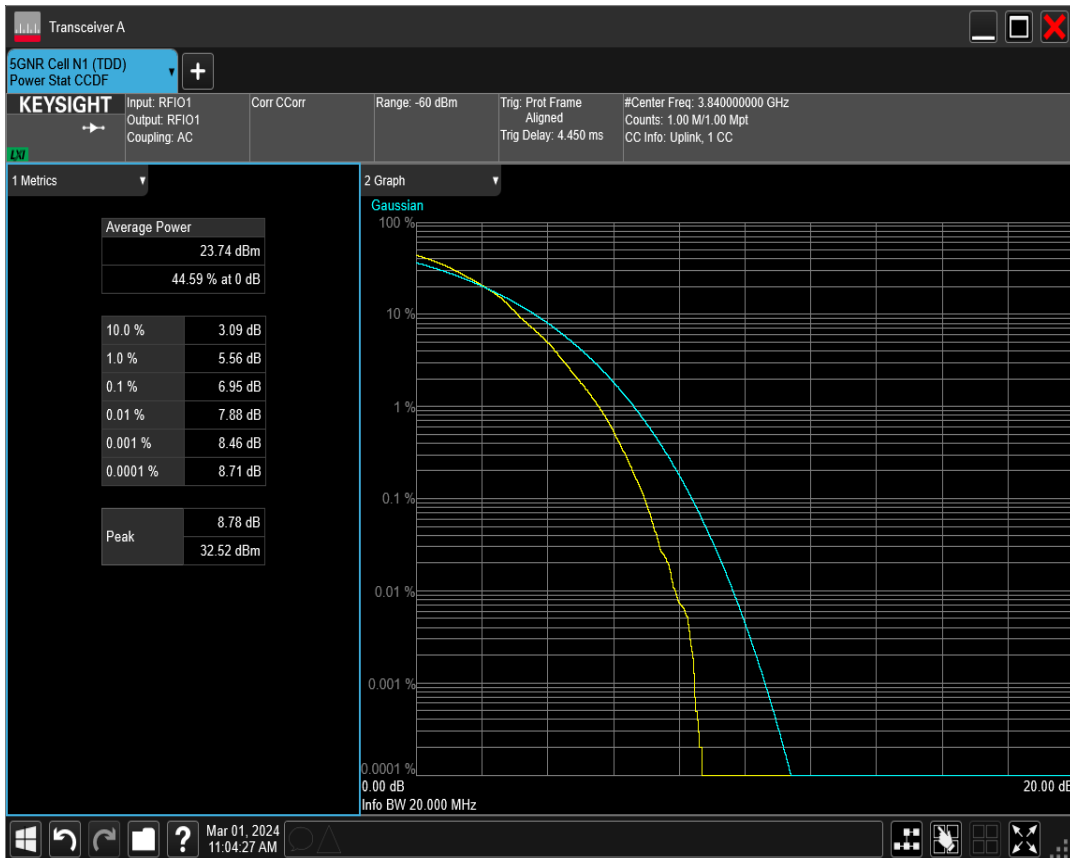
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=20MHz Channel=656000 RB=50@0



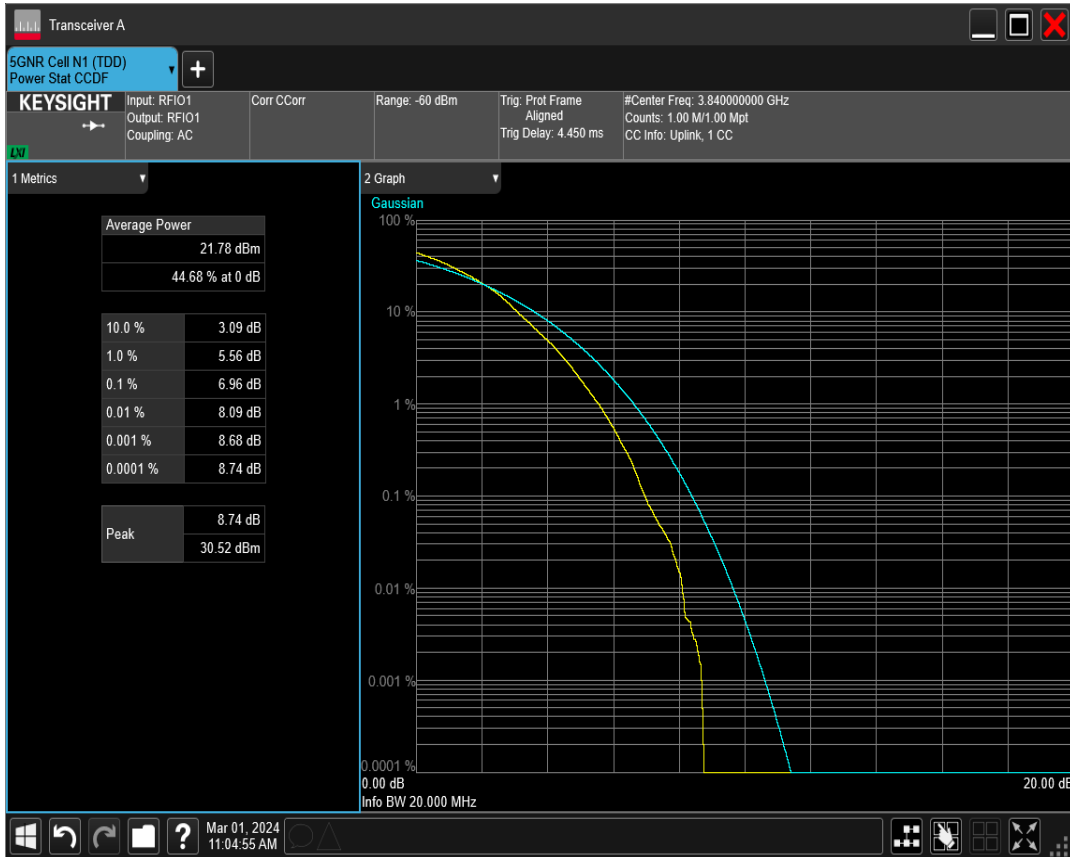
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=20MHz Channel=656000 RB=50@0



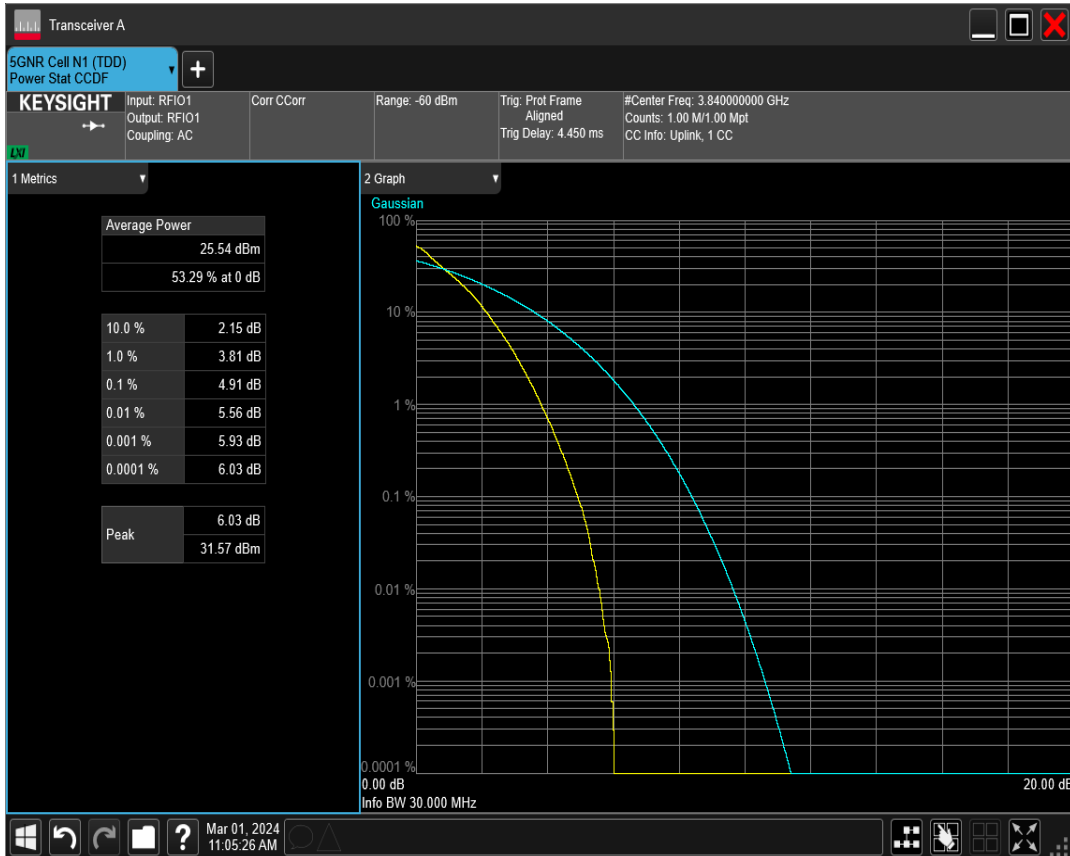
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=20MHz Channel=656000 RB=50@0



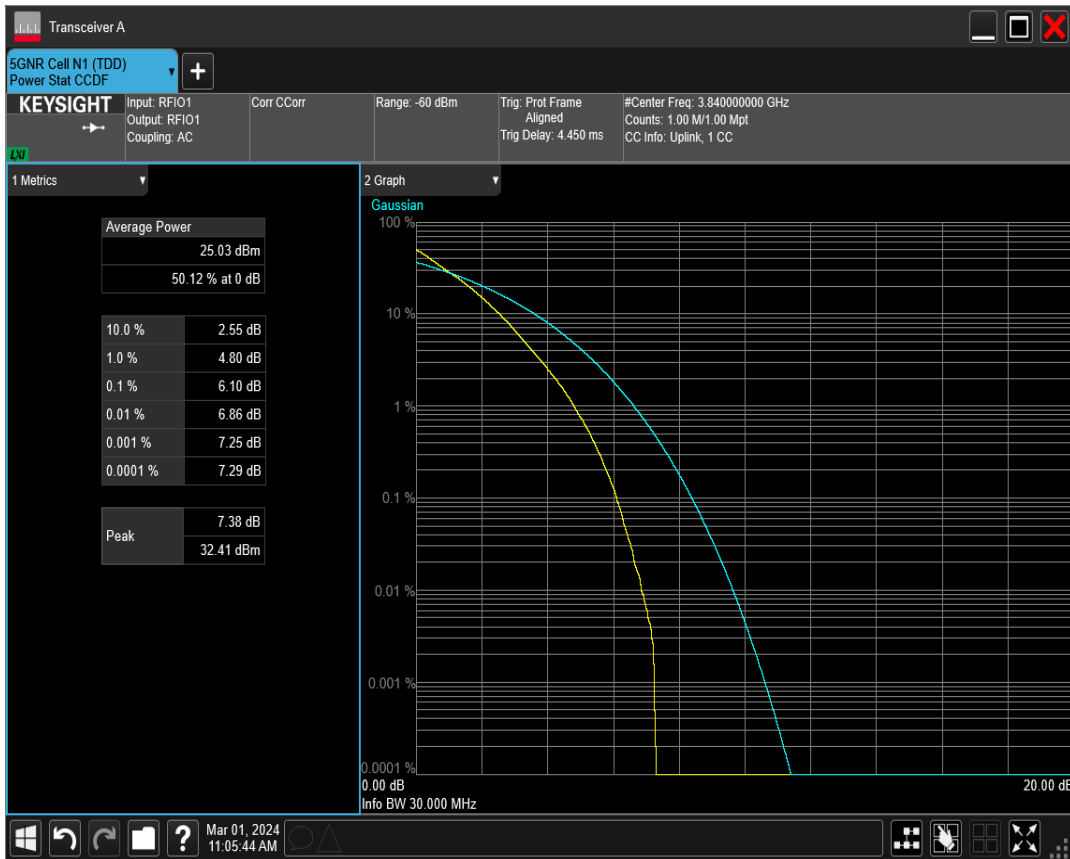
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=20MHz Channel=656000 RB=50@0



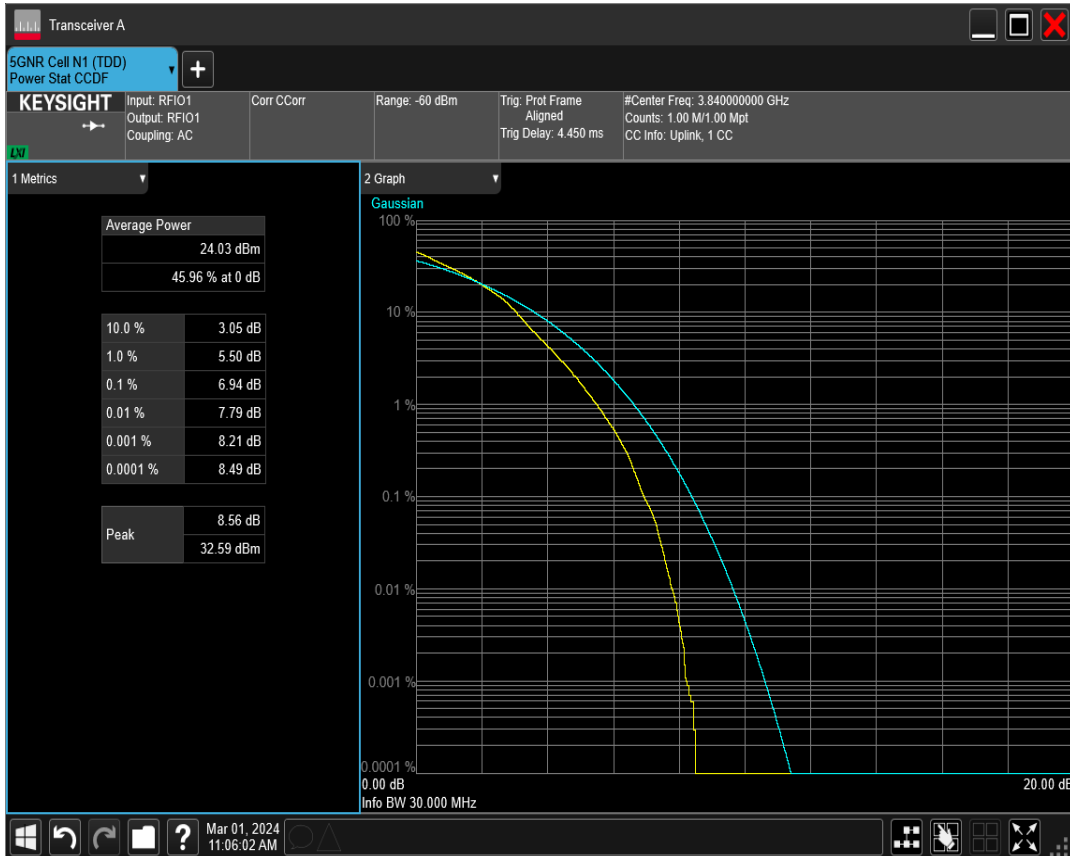
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=30MHz Channel=656000 RB=75@0



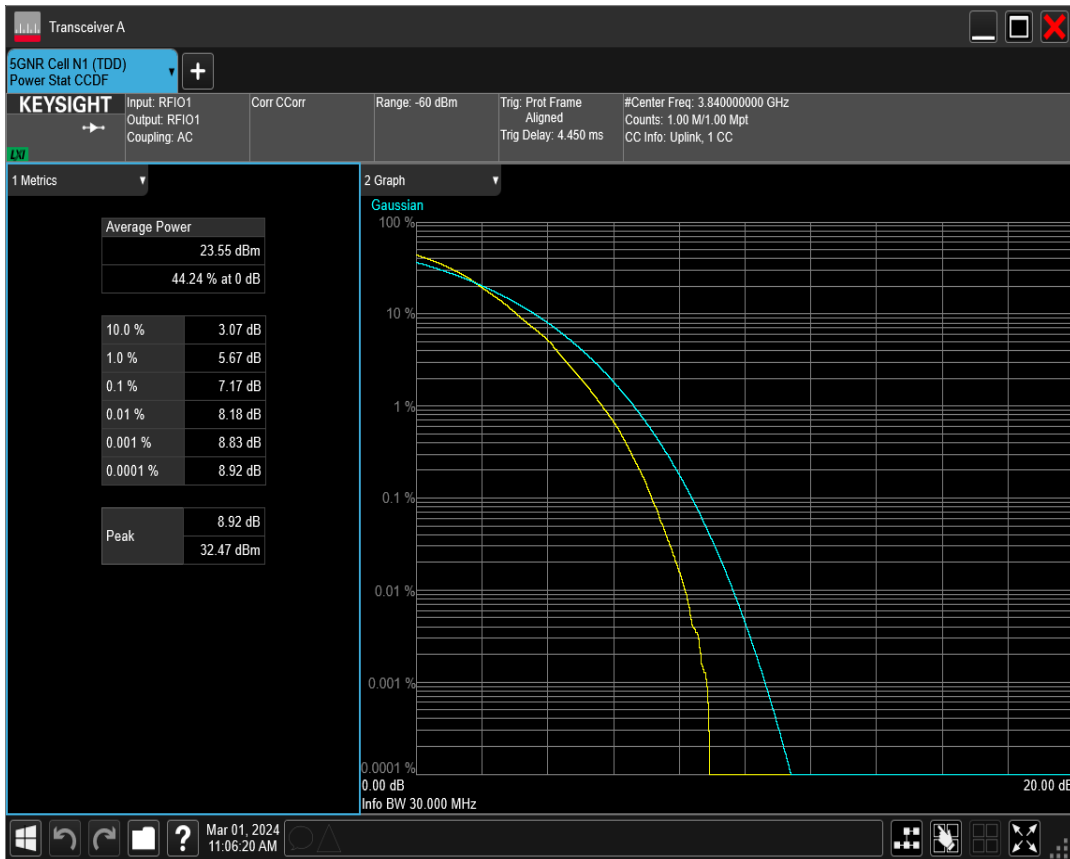
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=30MHz Channel=656000 RB=75@0



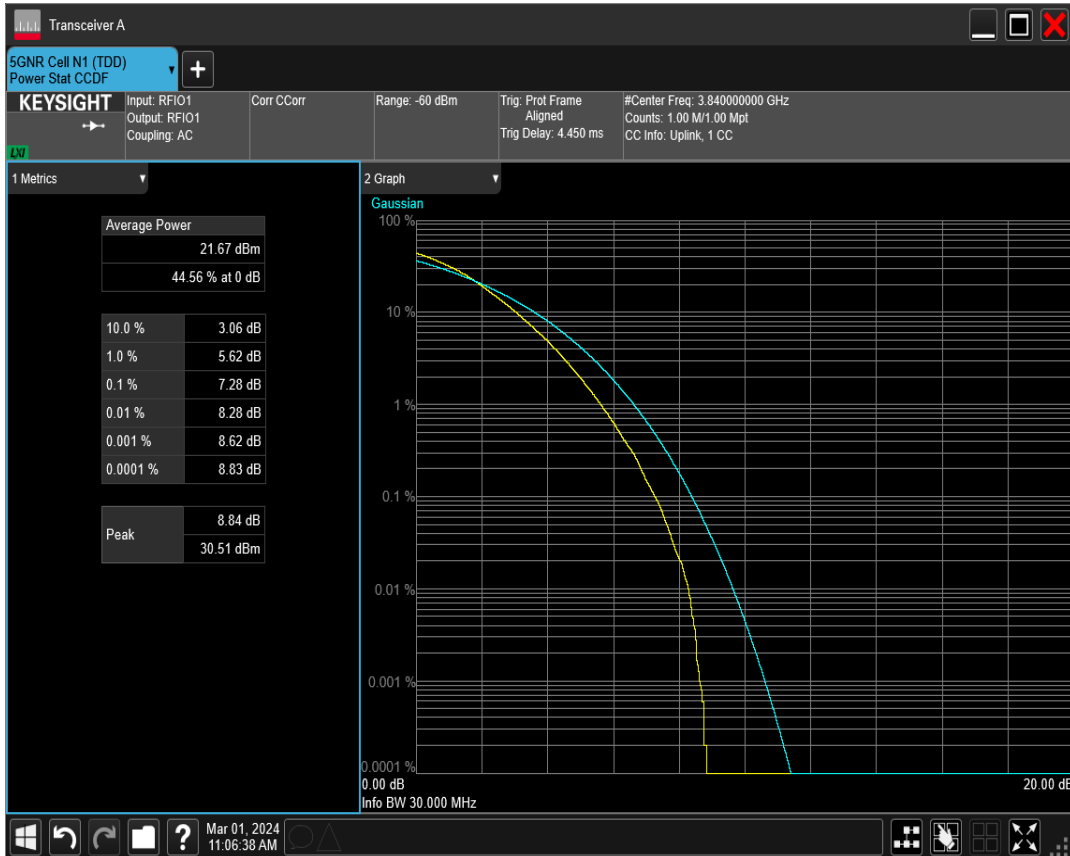
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=30MHz Channel=656000 RB=75@0



n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=656000 RB=75@0

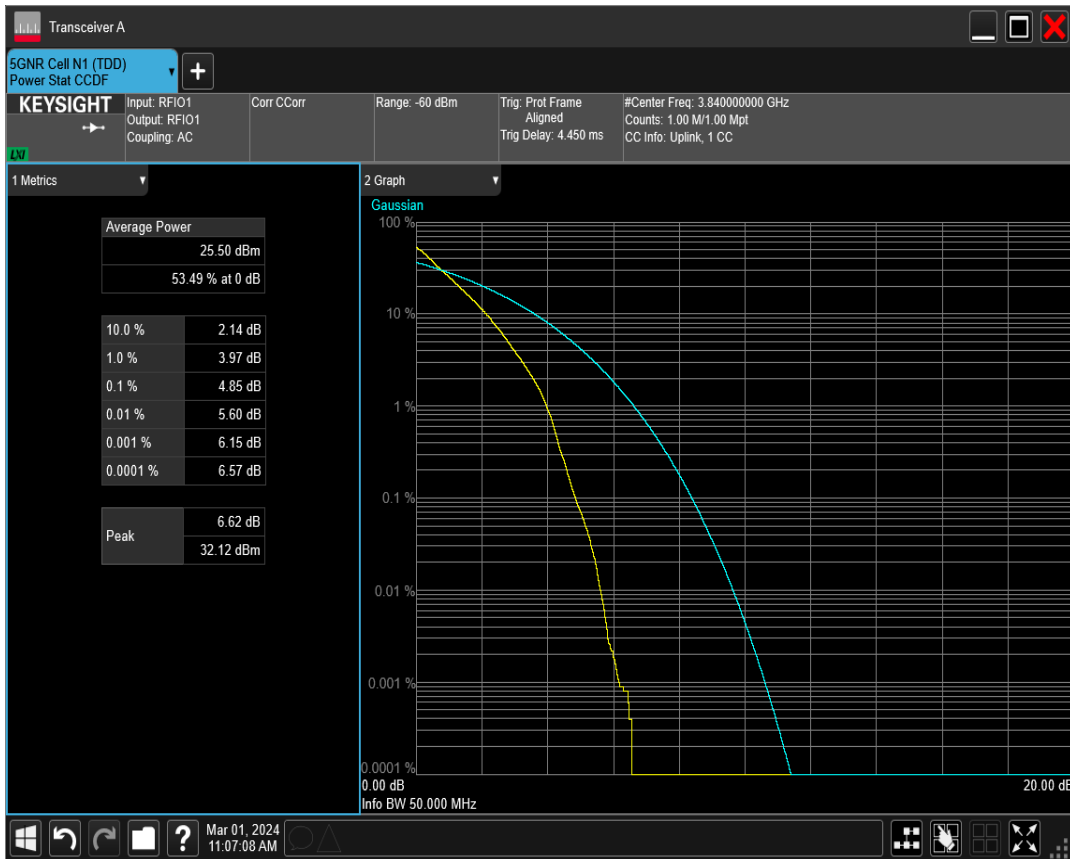


n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=30MHz Channel=656000 RB=75@0

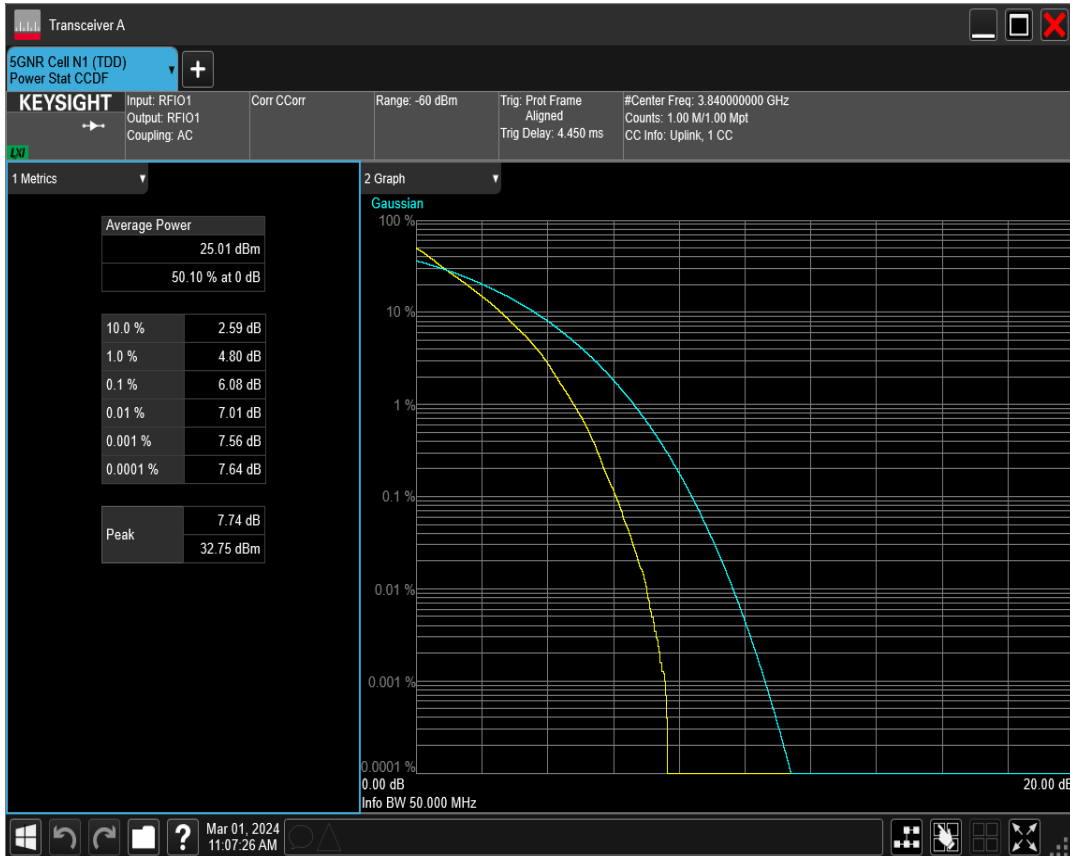




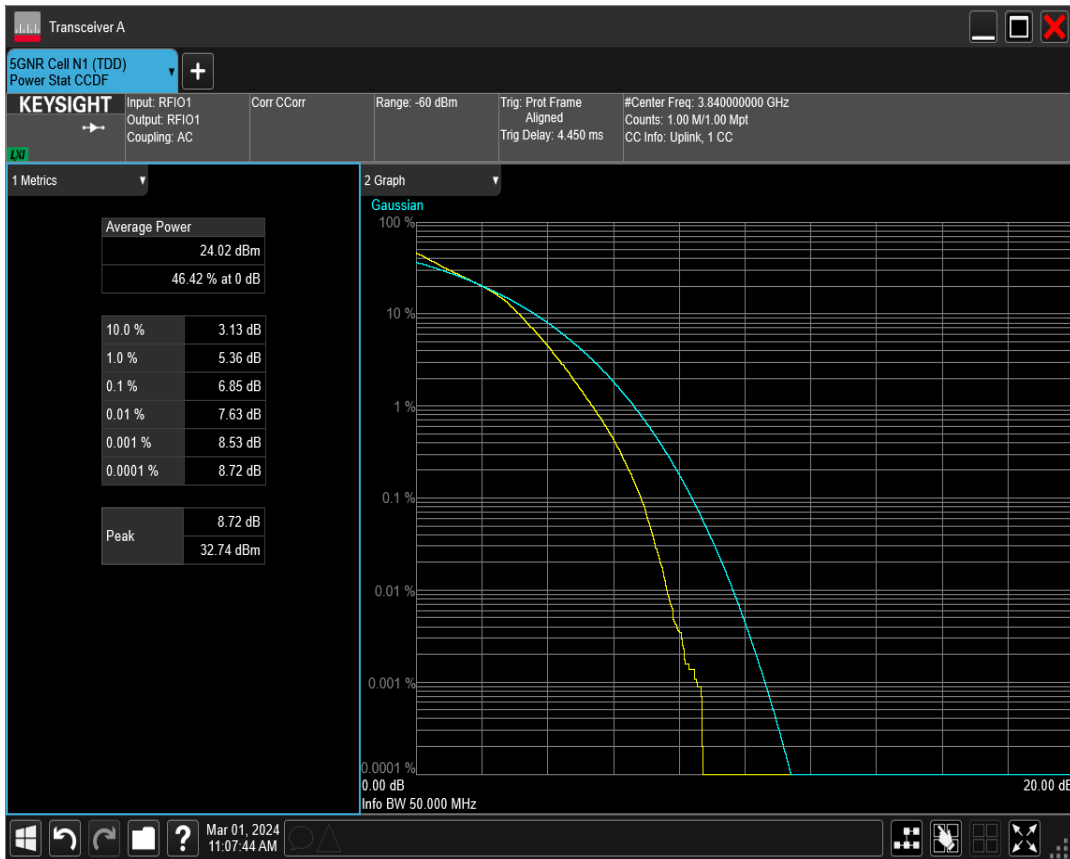
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=40MHz Channel=656000 RB=100@0



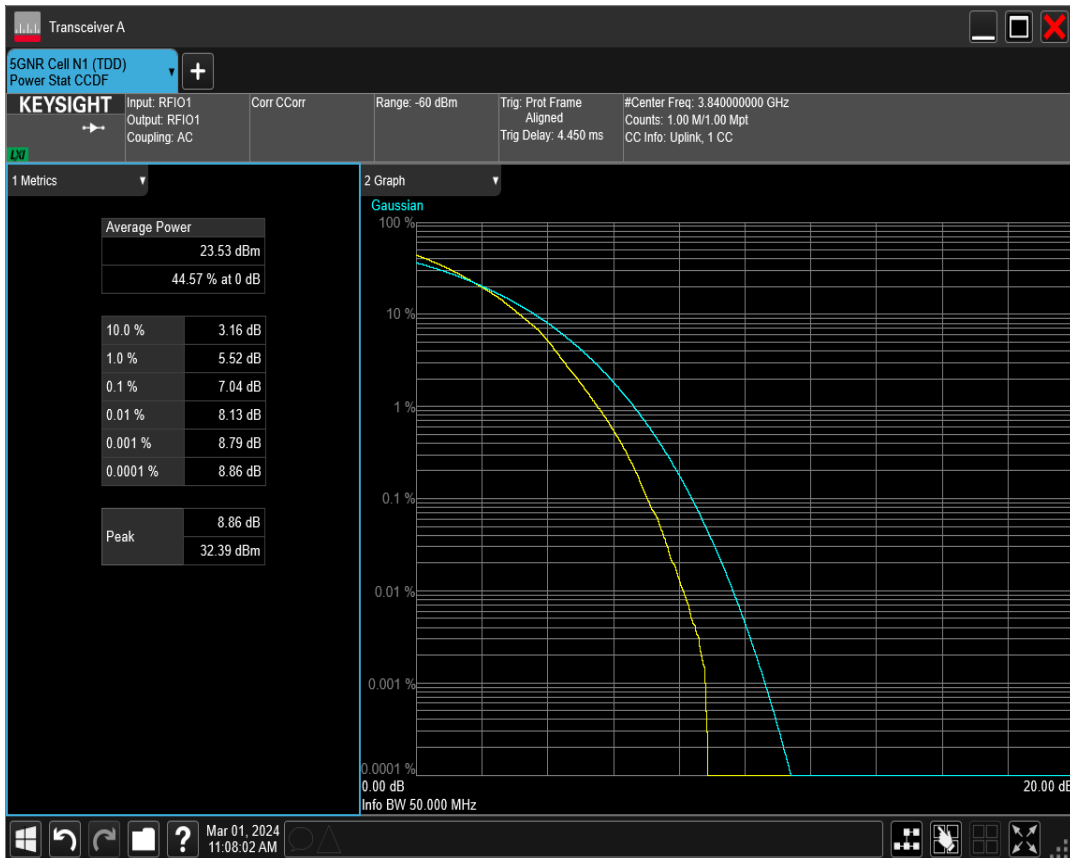
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=40MHz Channel=656000 RB=100@0



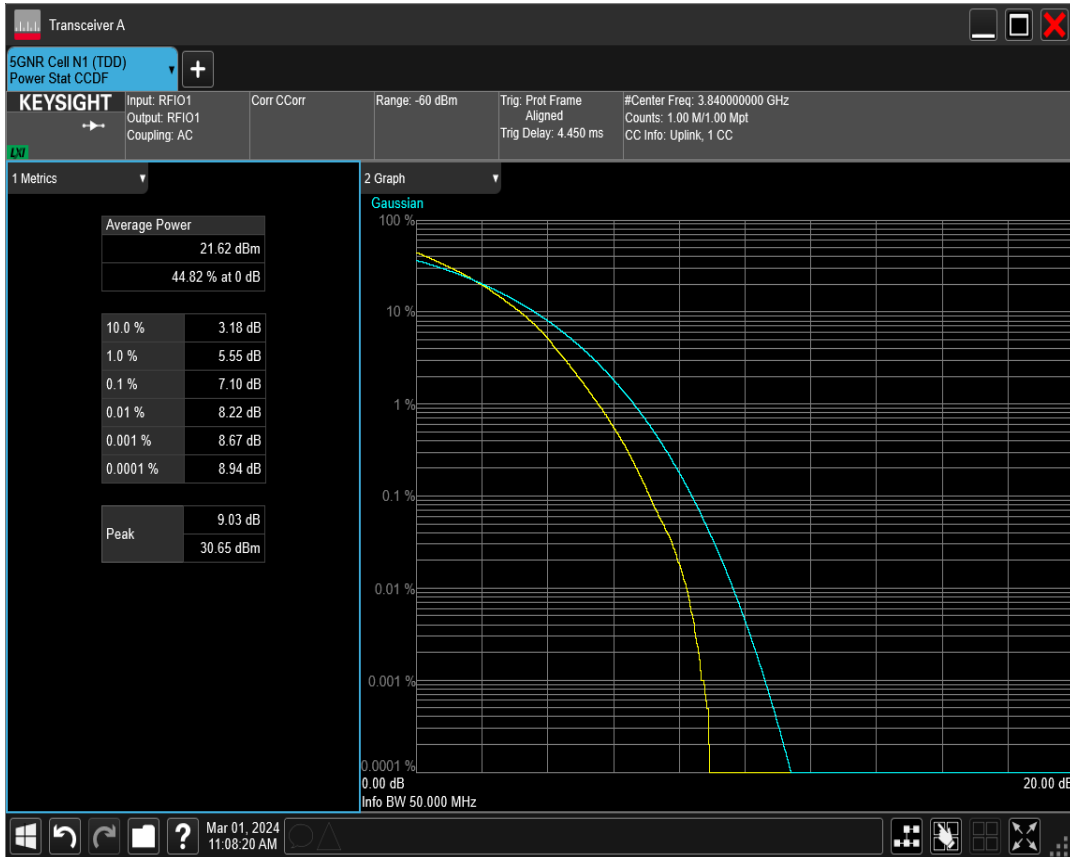
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=40MHz Channel=656000 RB=100@0



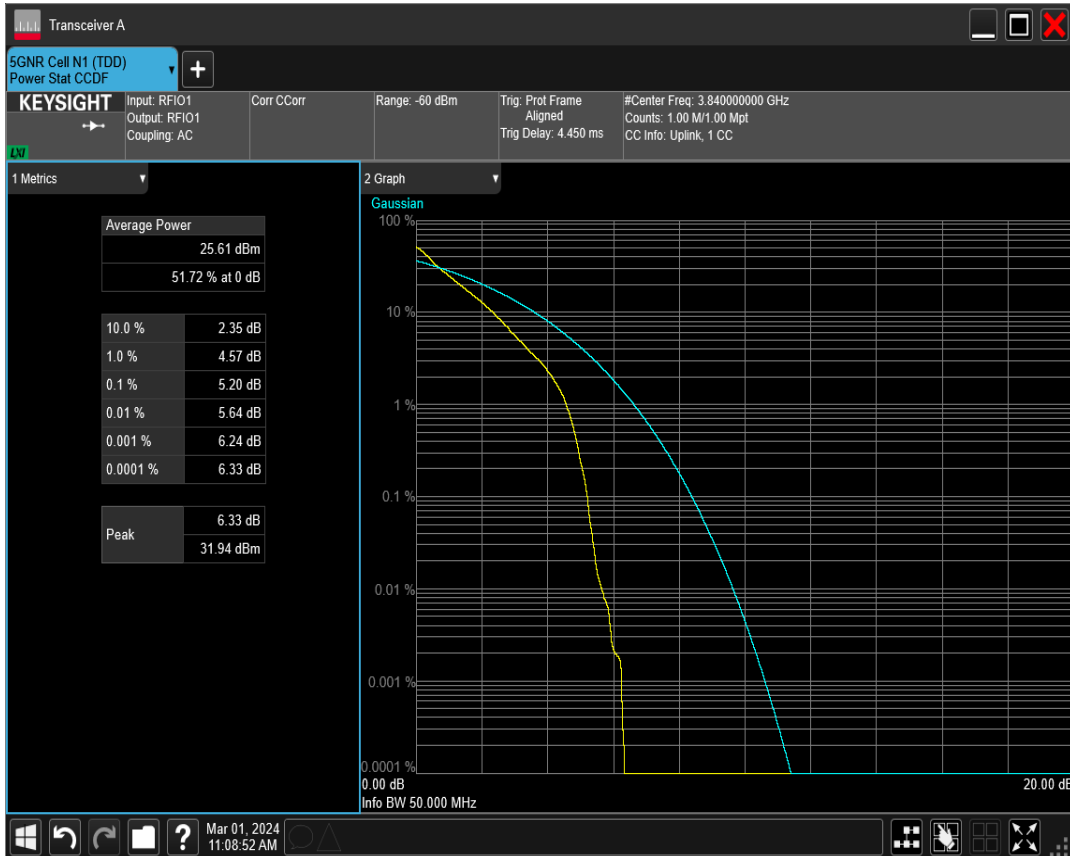
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=656000 RB=100@0



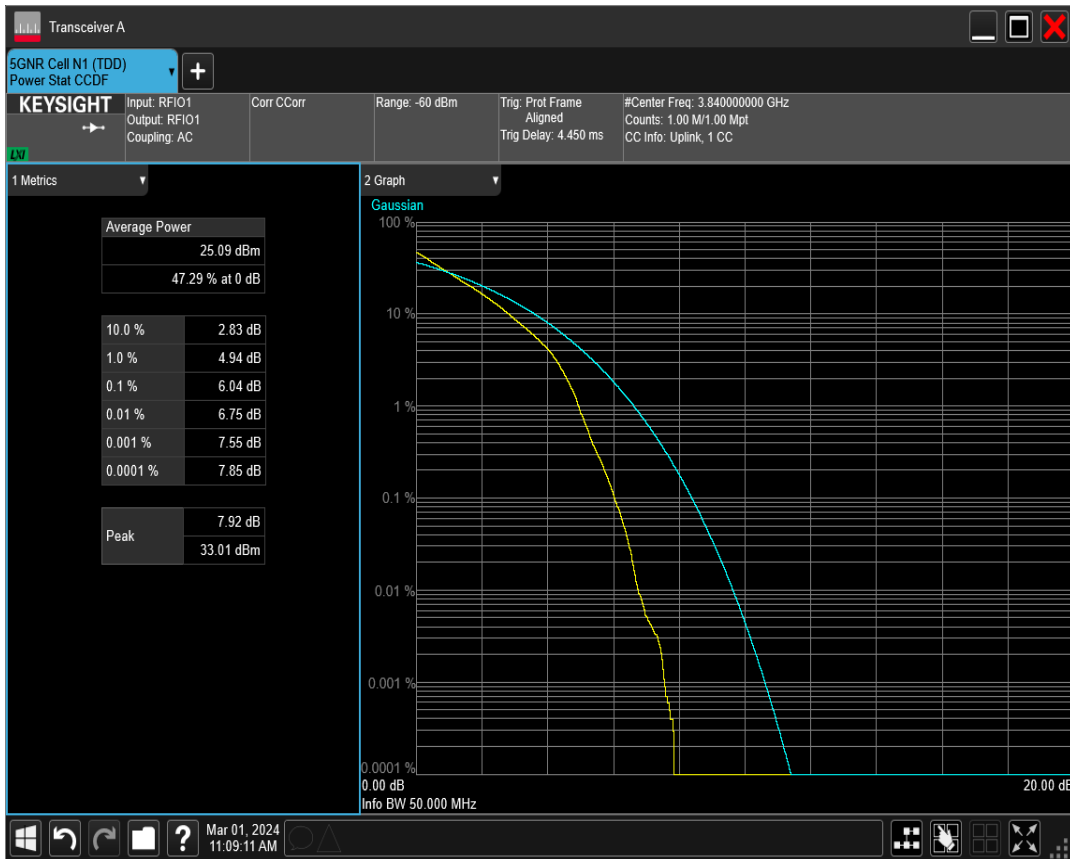
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=656000 RB=100@0



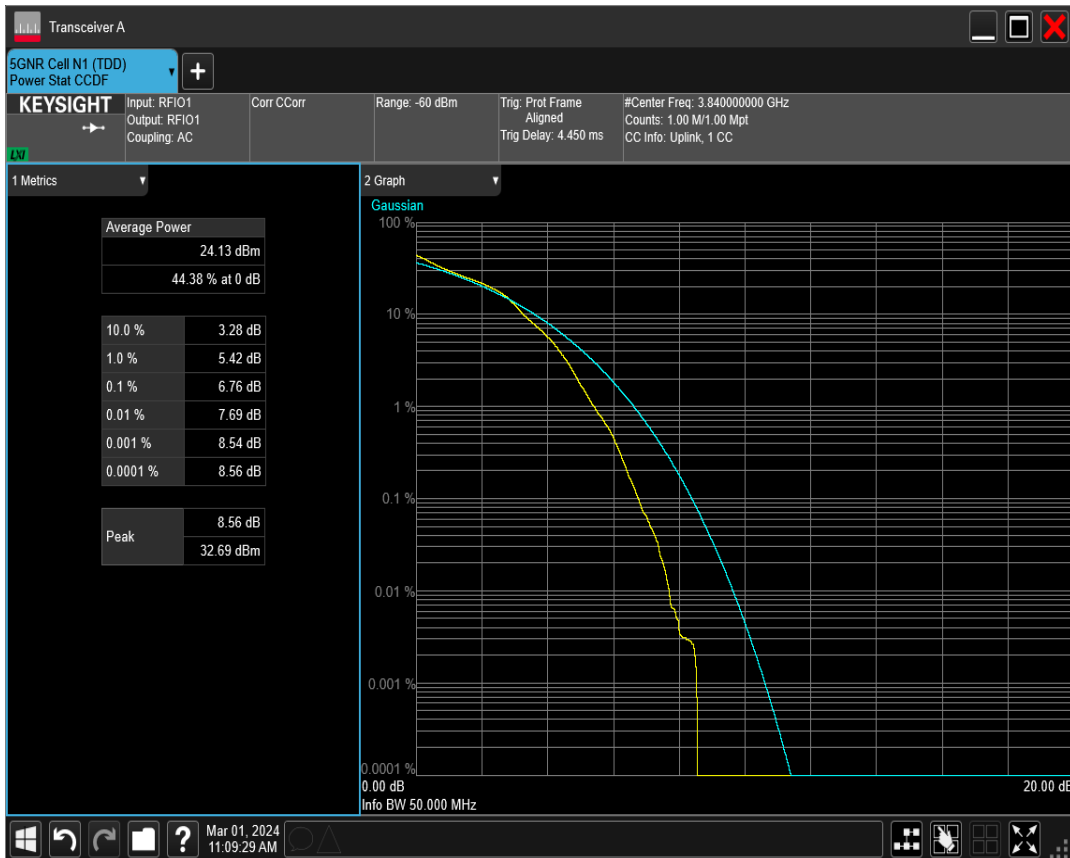
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=50MHz Channel=656000 RB=128@0



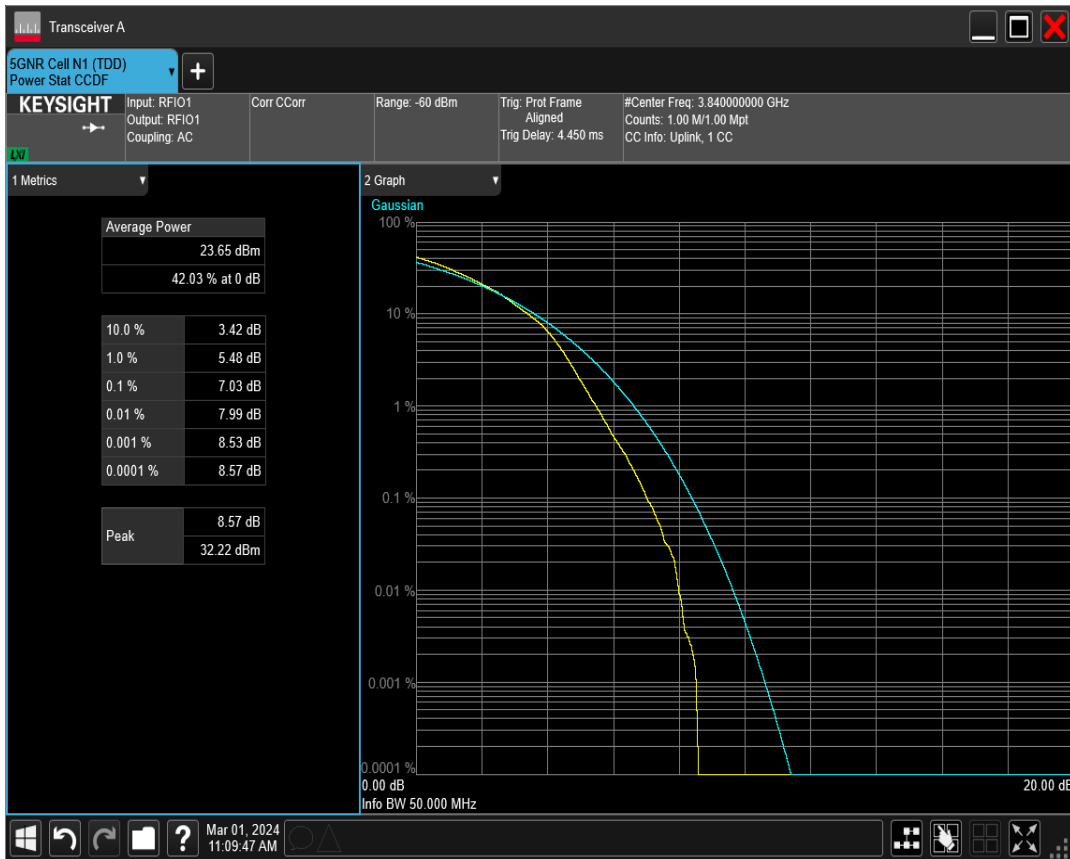
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=50MHz Channel=656000 RB=128@0



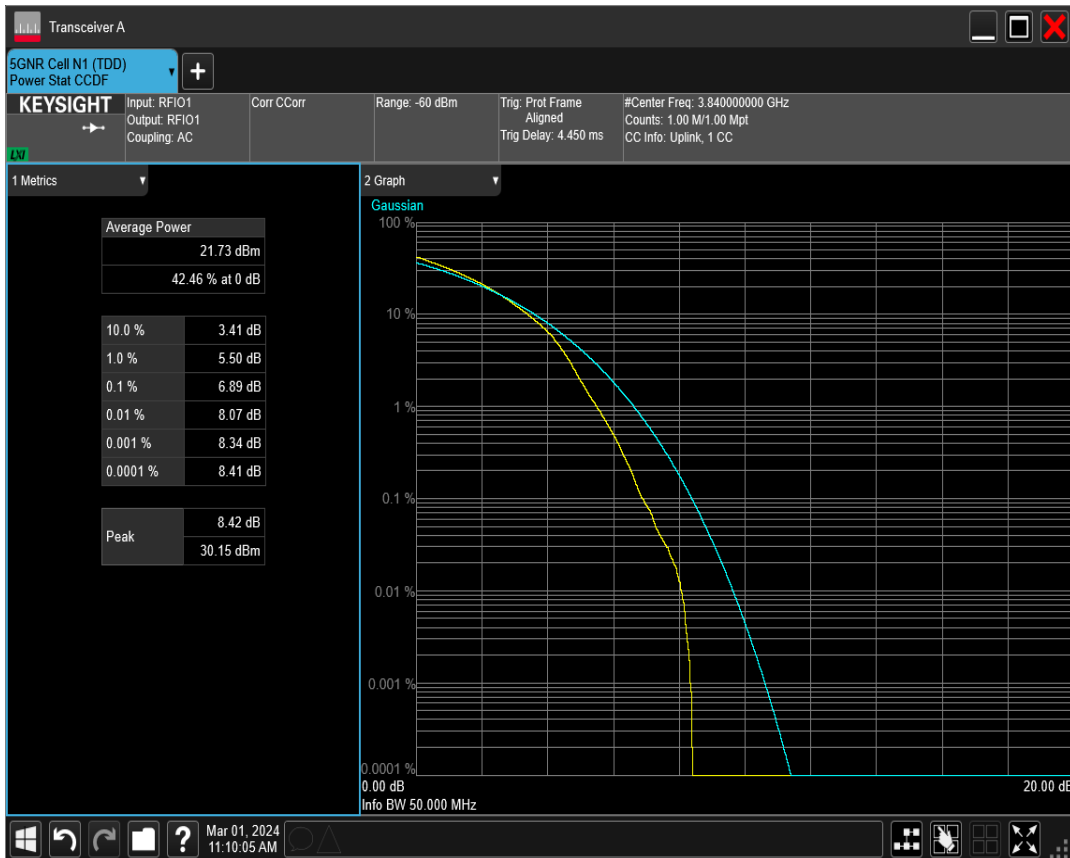
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=50MHz Channel=656000 RB=128@0



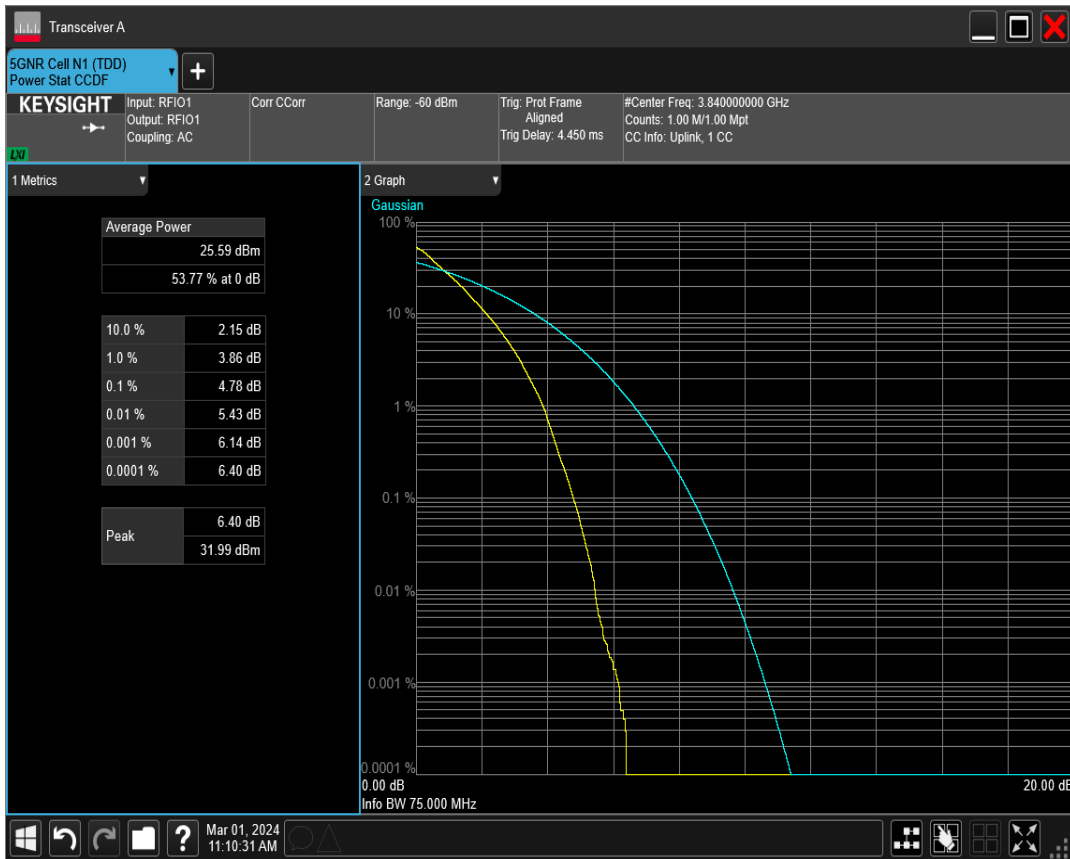
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=656000 RB=128@0



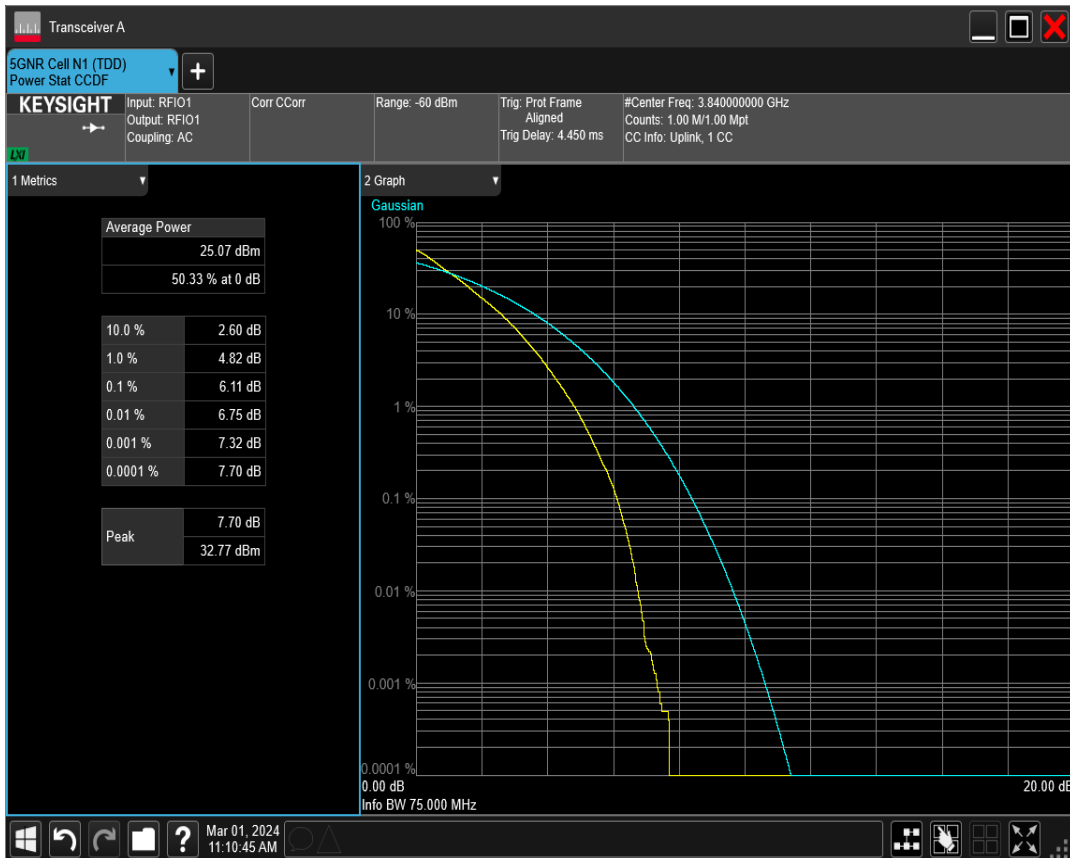
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=656000 RB=128@0



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

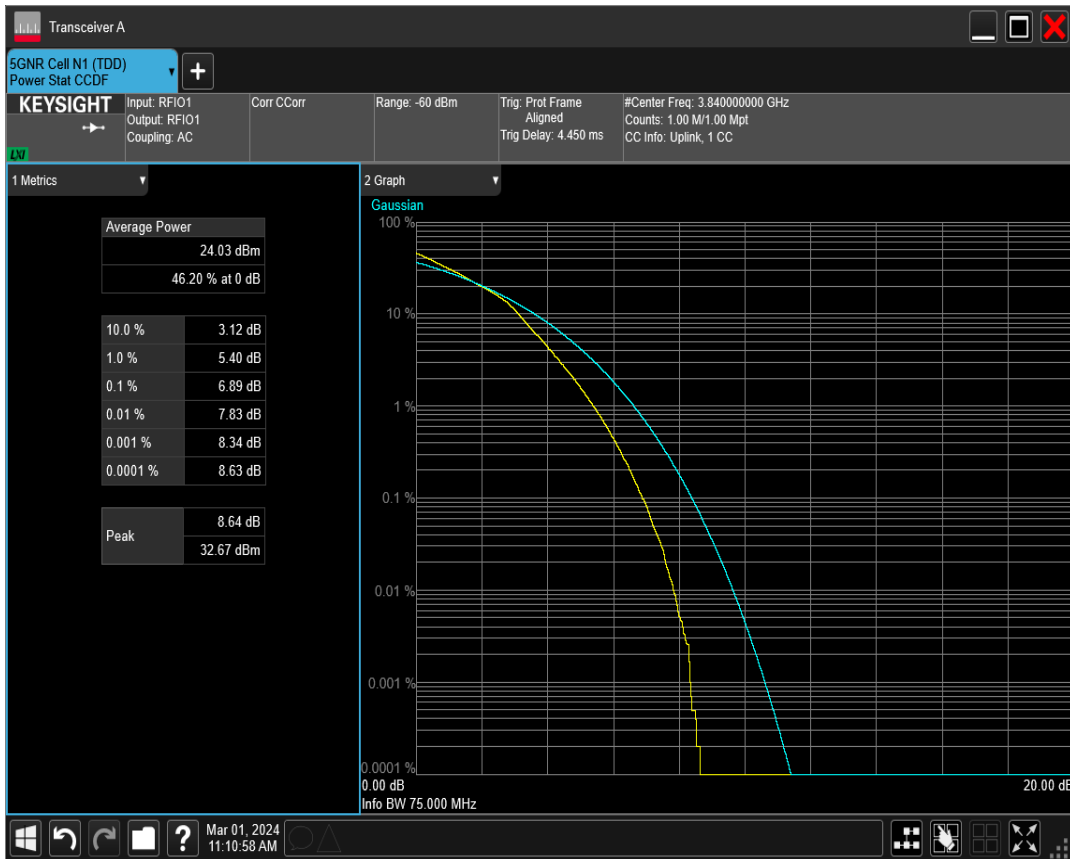


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=60MHz Channel=656000 RB=162@0

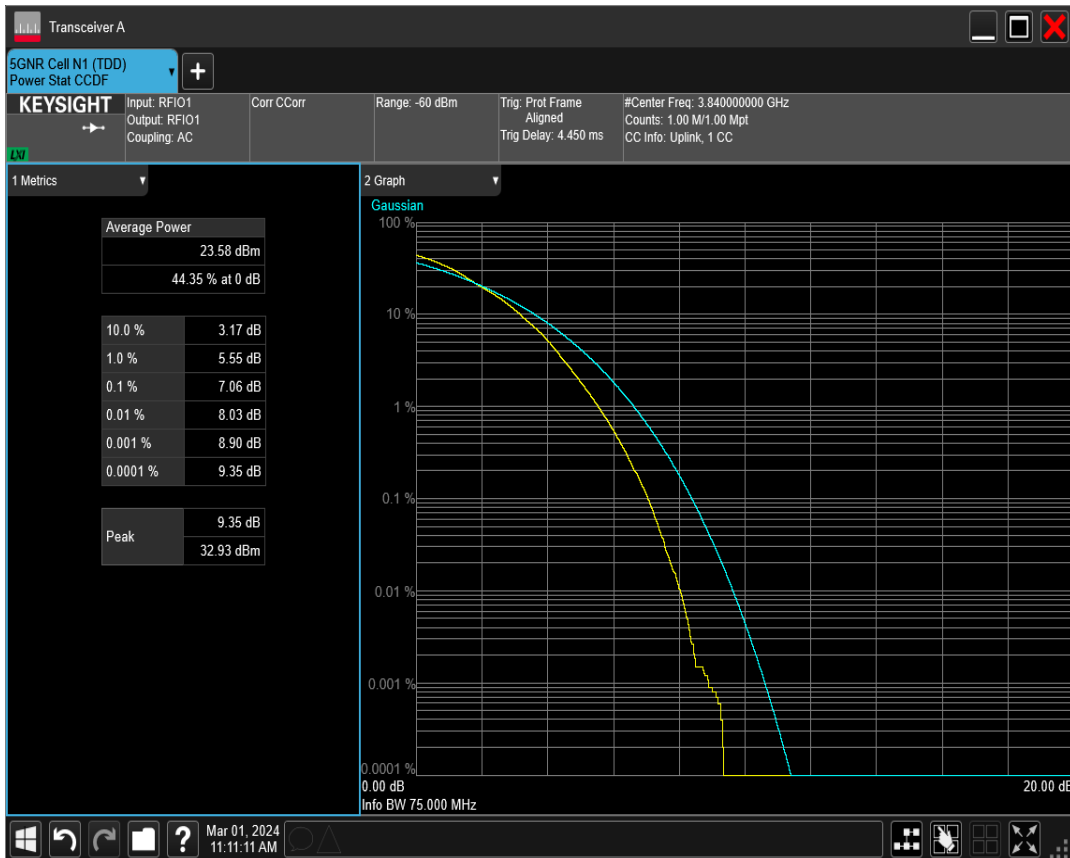




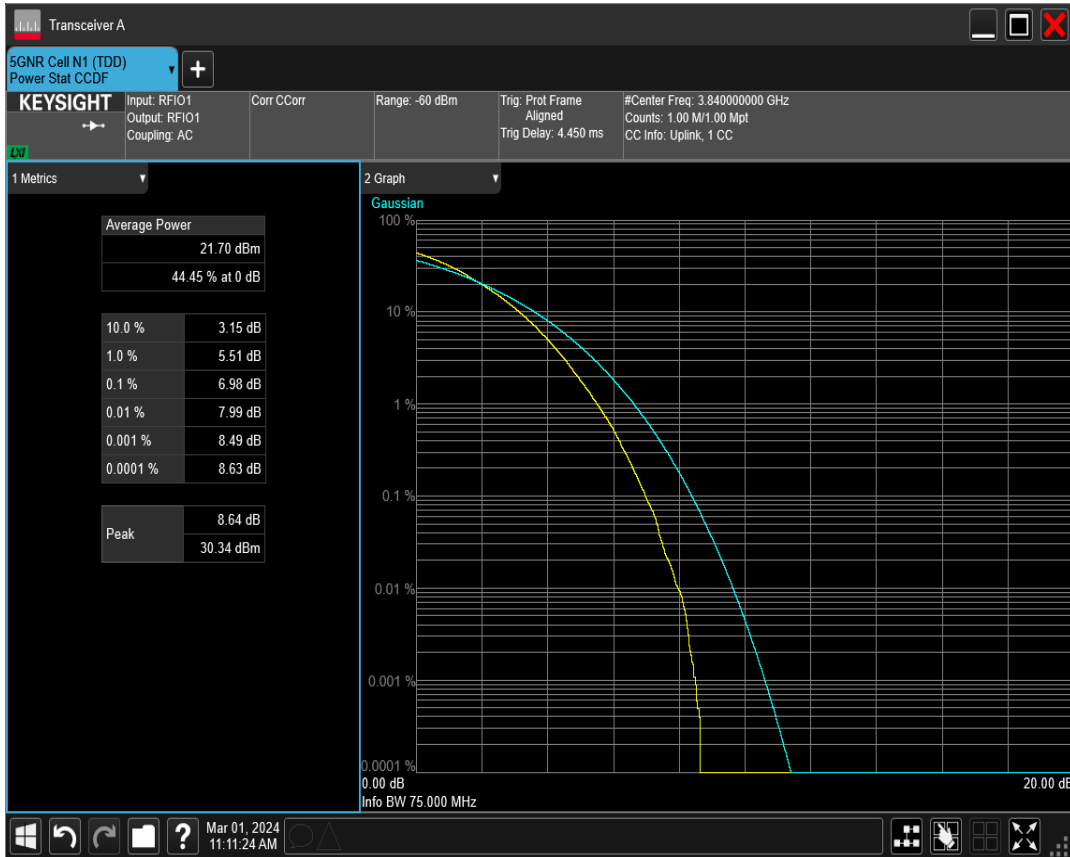
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=656000 RB=162@0



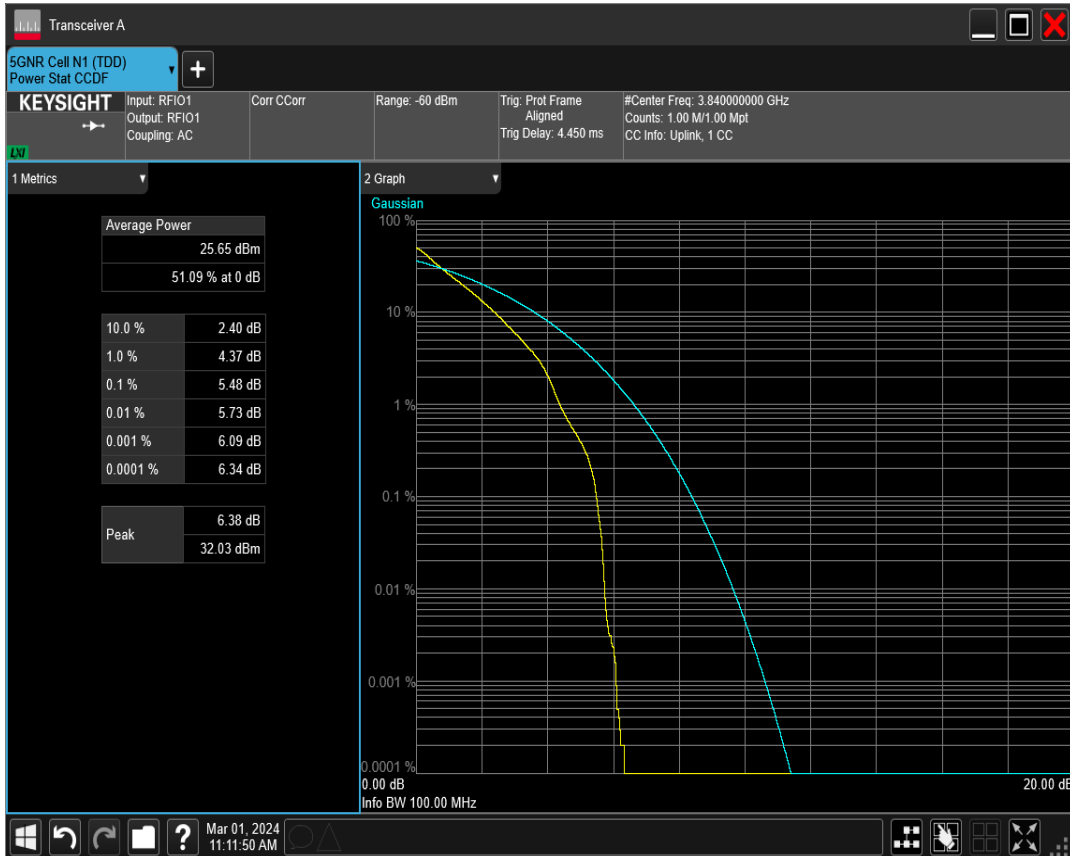
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=656000 RB=162@0



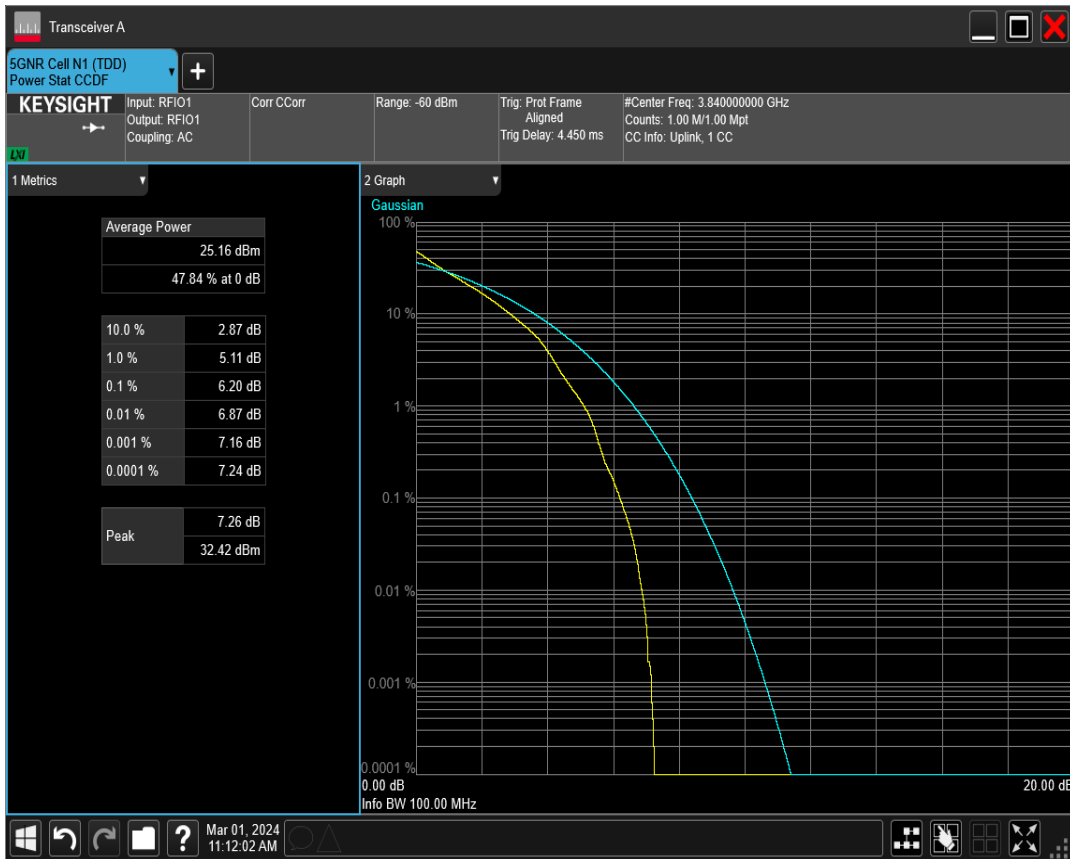
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=656000 RB=162@0



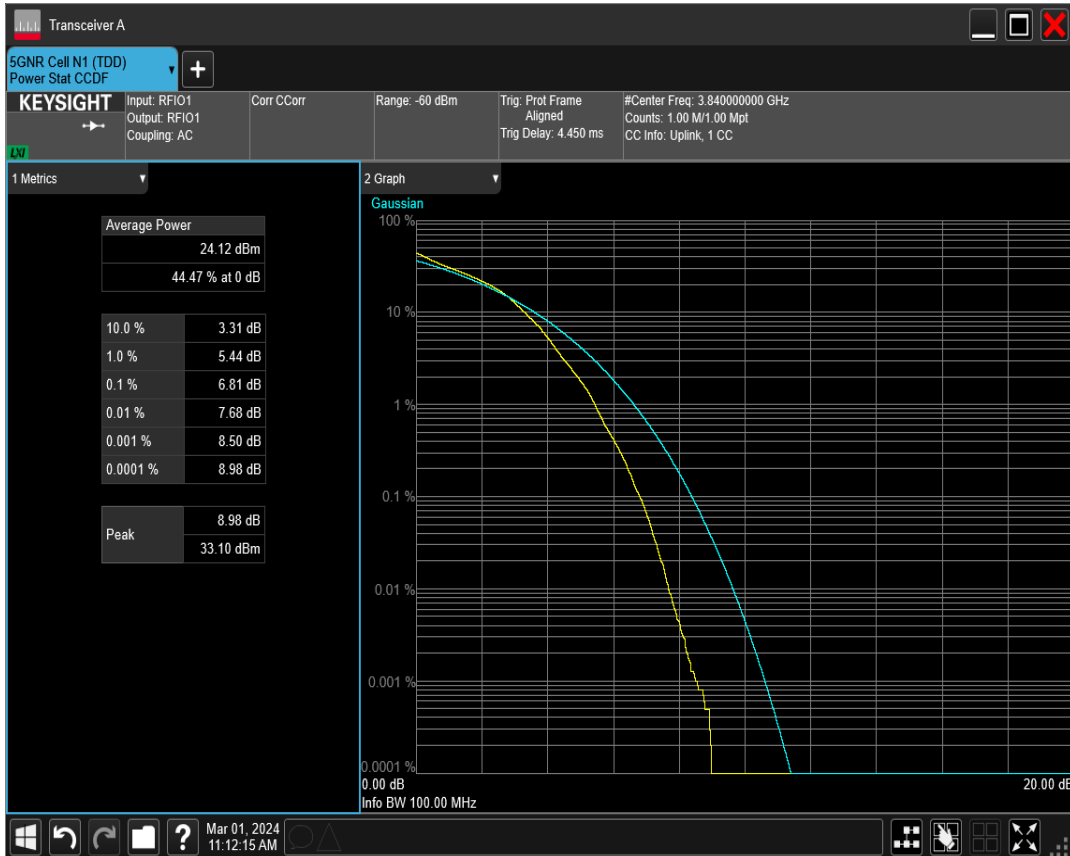
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=80MHz Channel=656000 RB=216@0



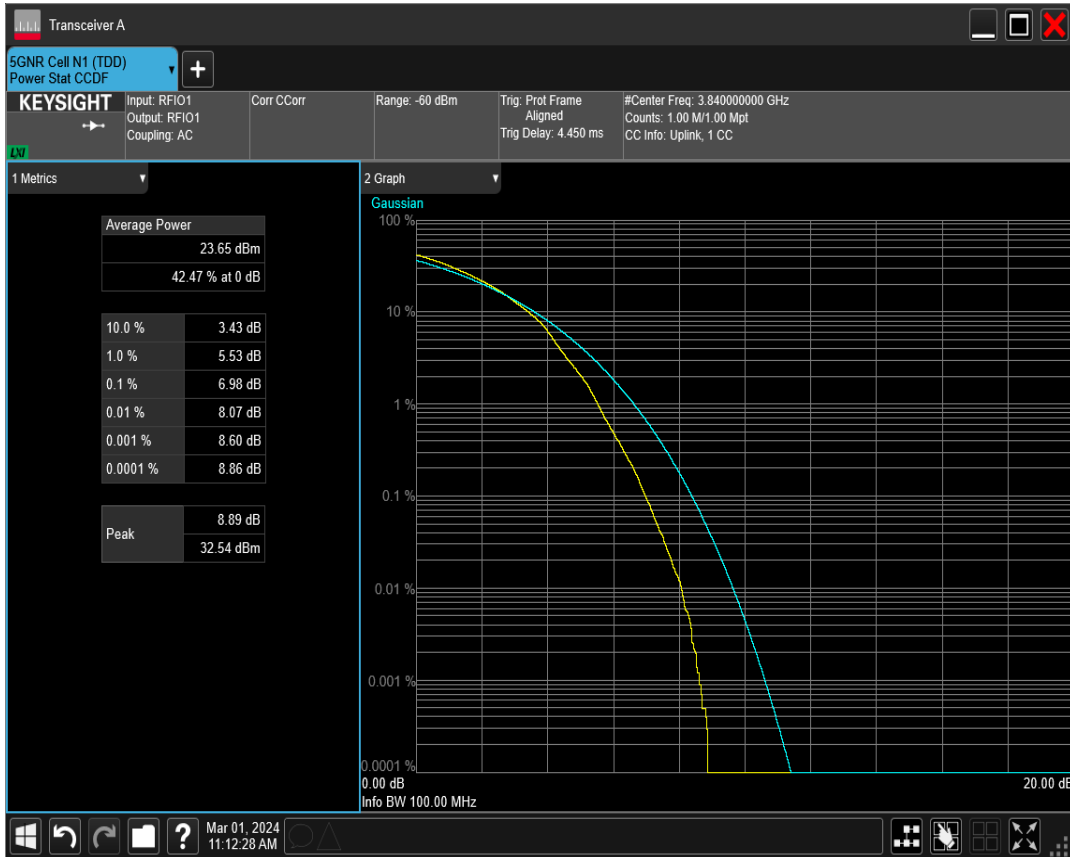
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=80MHz Channel=656000 RB=216@0



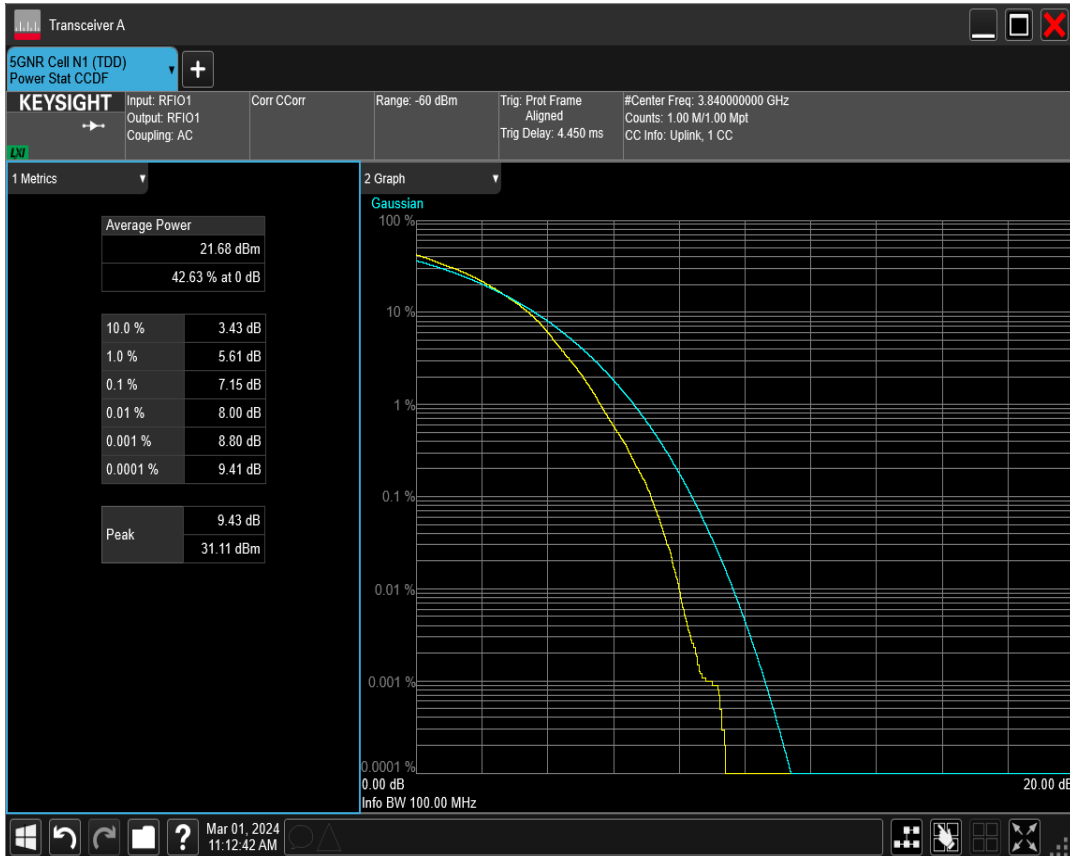
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=656000 RB=216@0



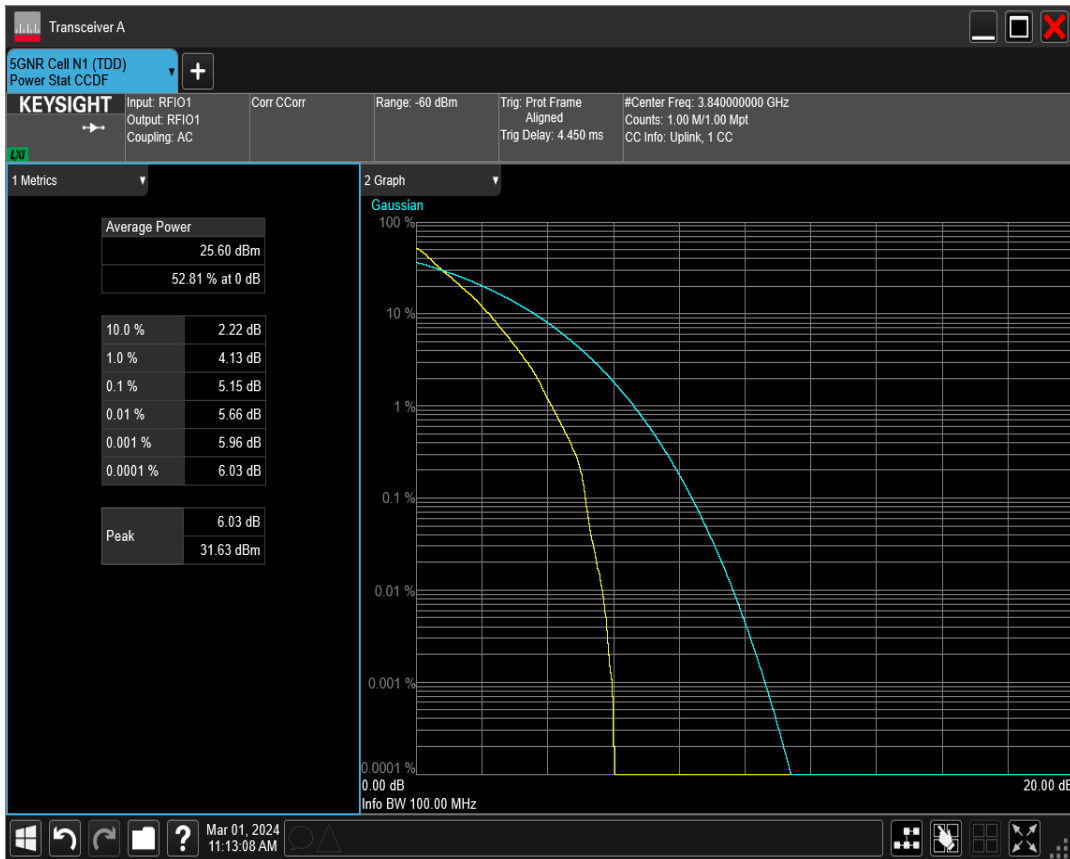
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=656000 RB=216@0



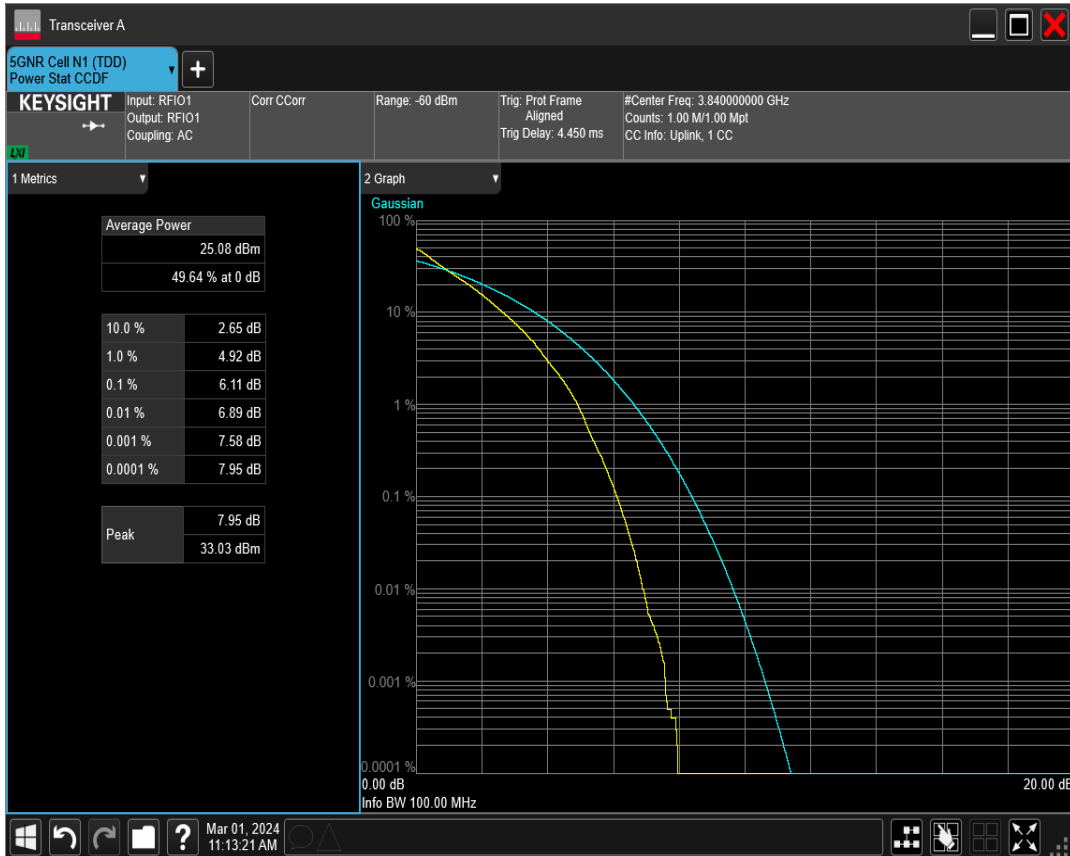
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=656000 RB=216@0



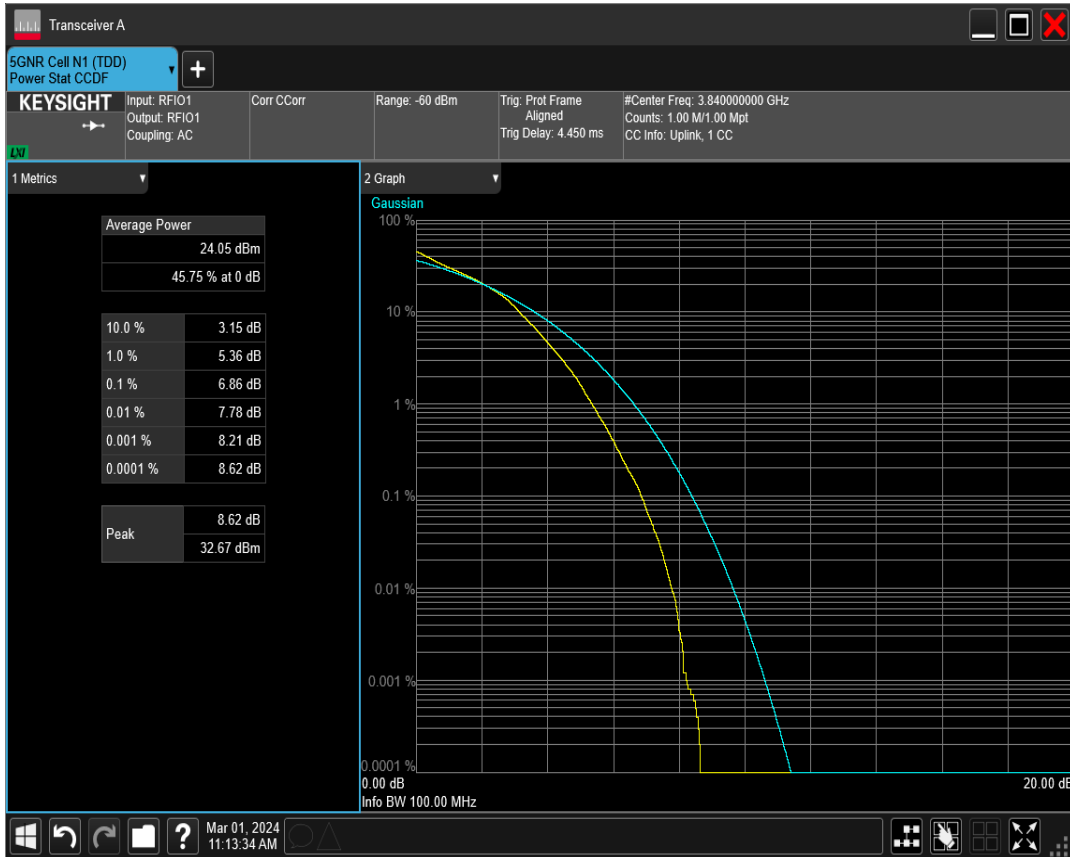
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=90MHz Channel=656000 RB=240@0



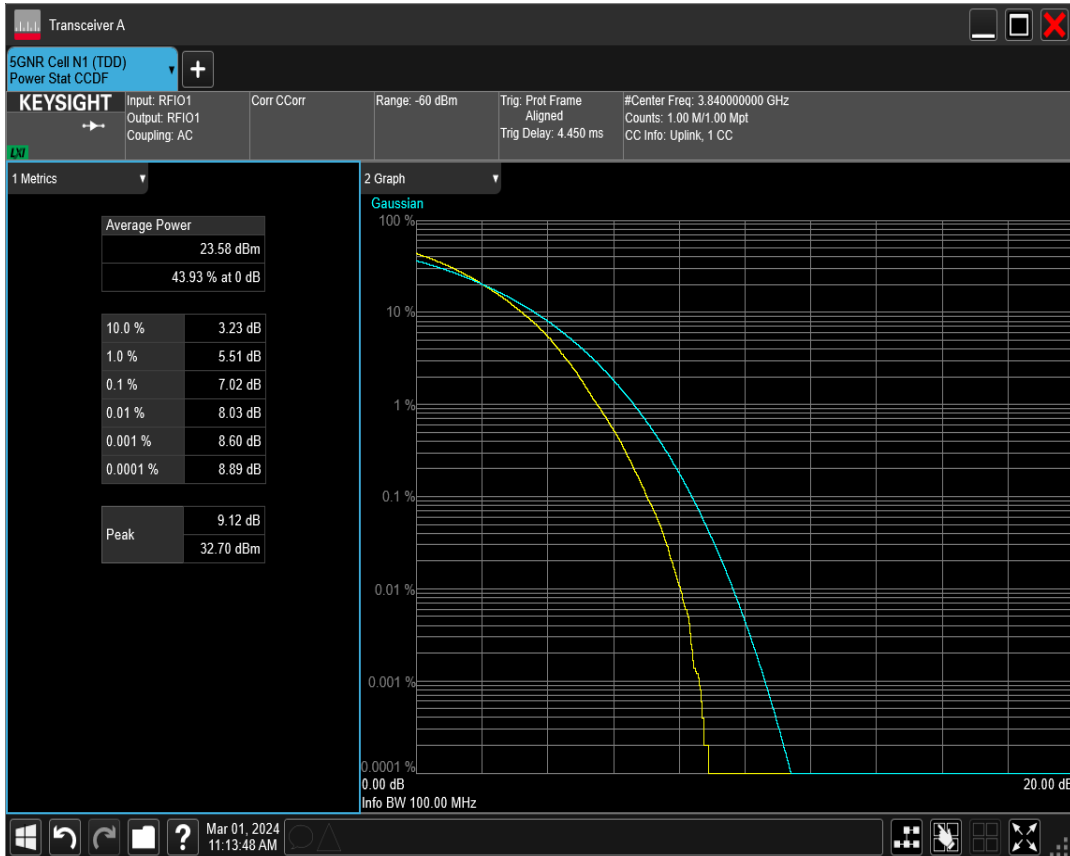
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=90MHz Channel=656000 RB=240@0



n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=656000 RB=240@0

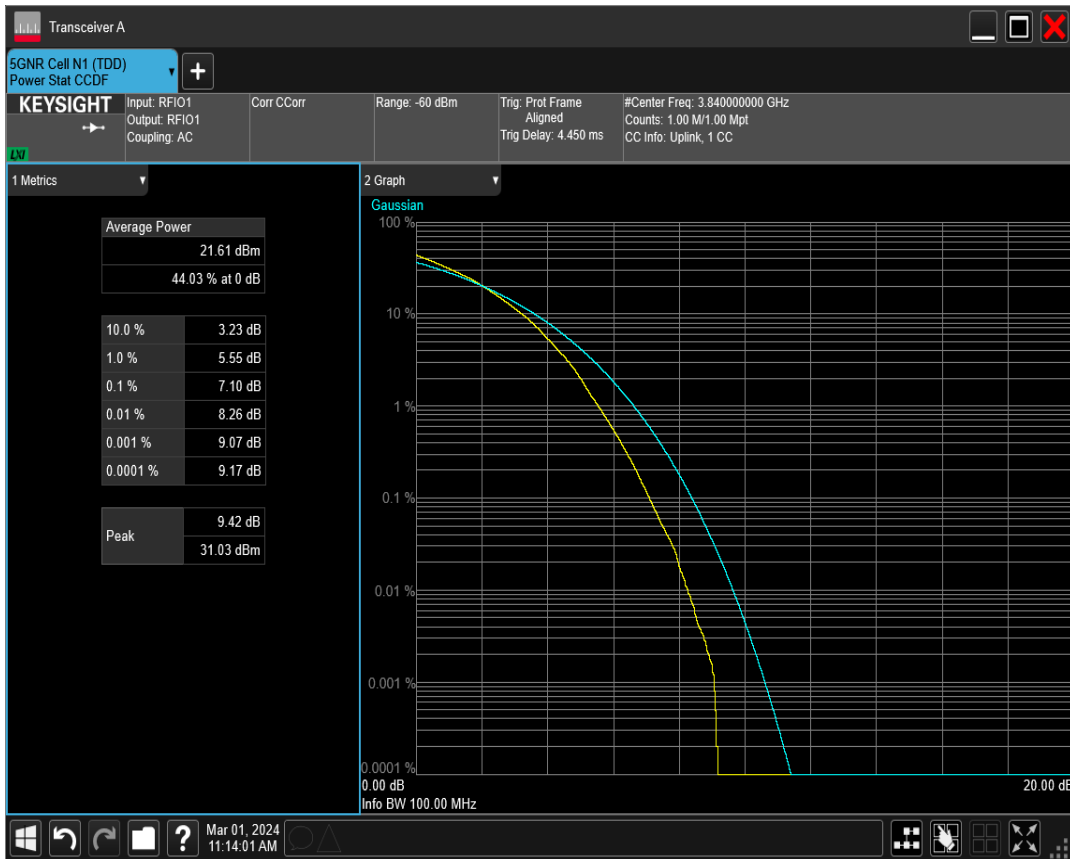


n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=656000 RB=240@0

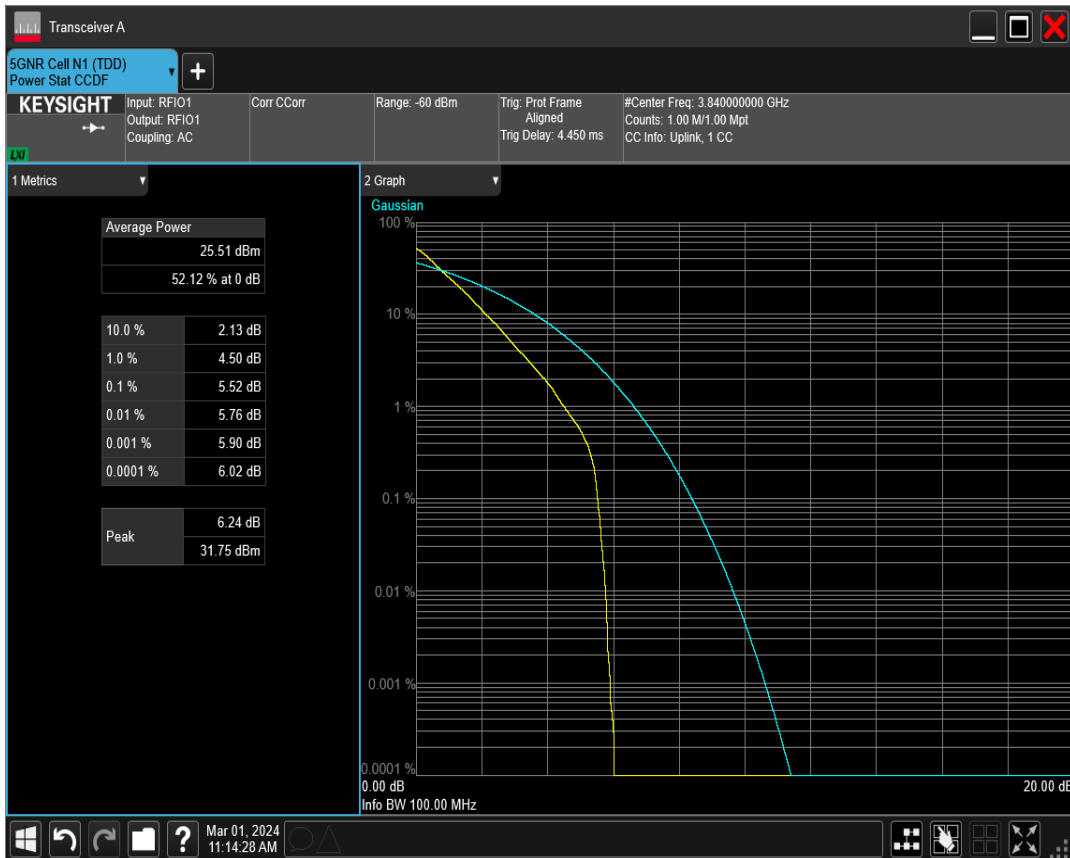




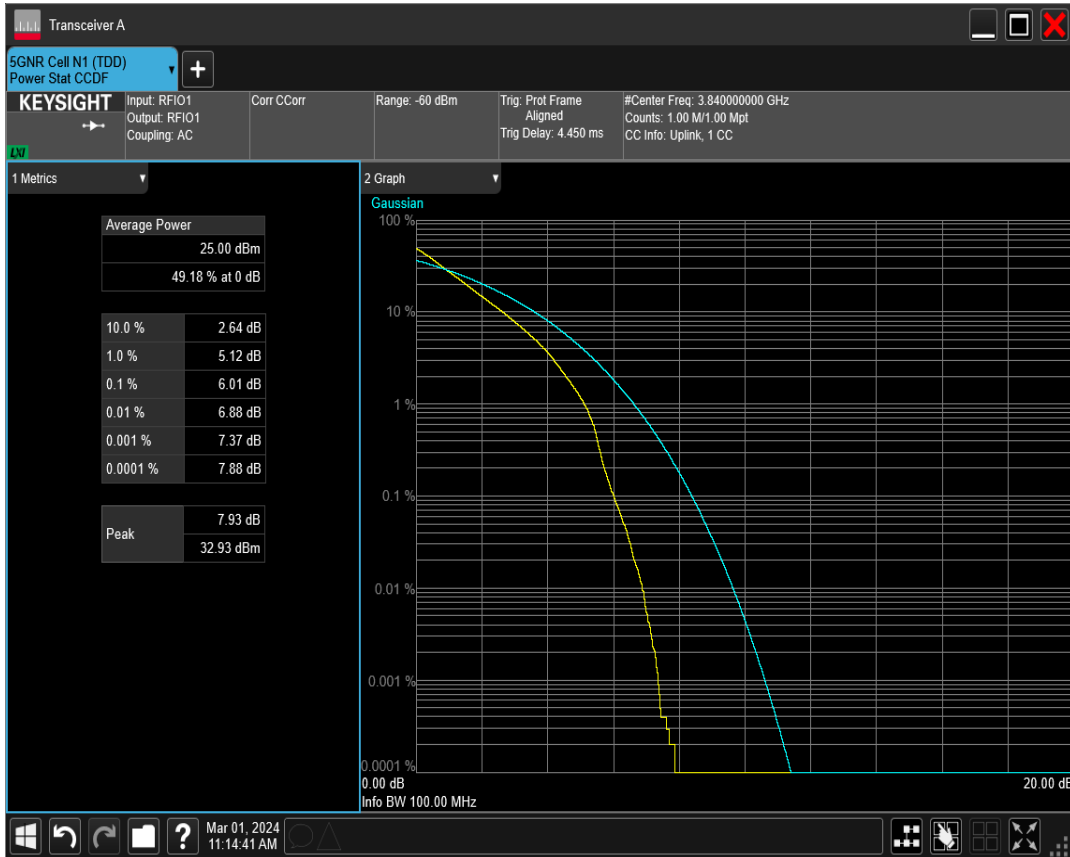
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=656000 RB=240@0



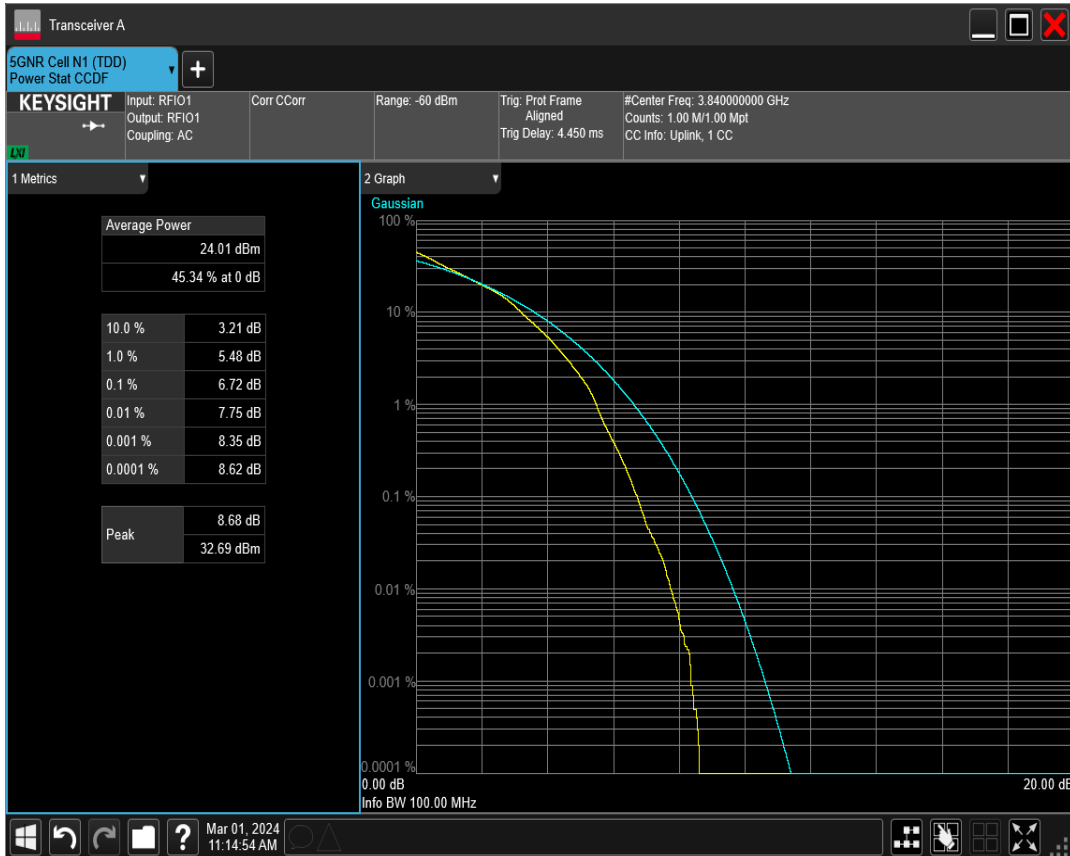
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=100MHz Channel=656000 RB=270@0



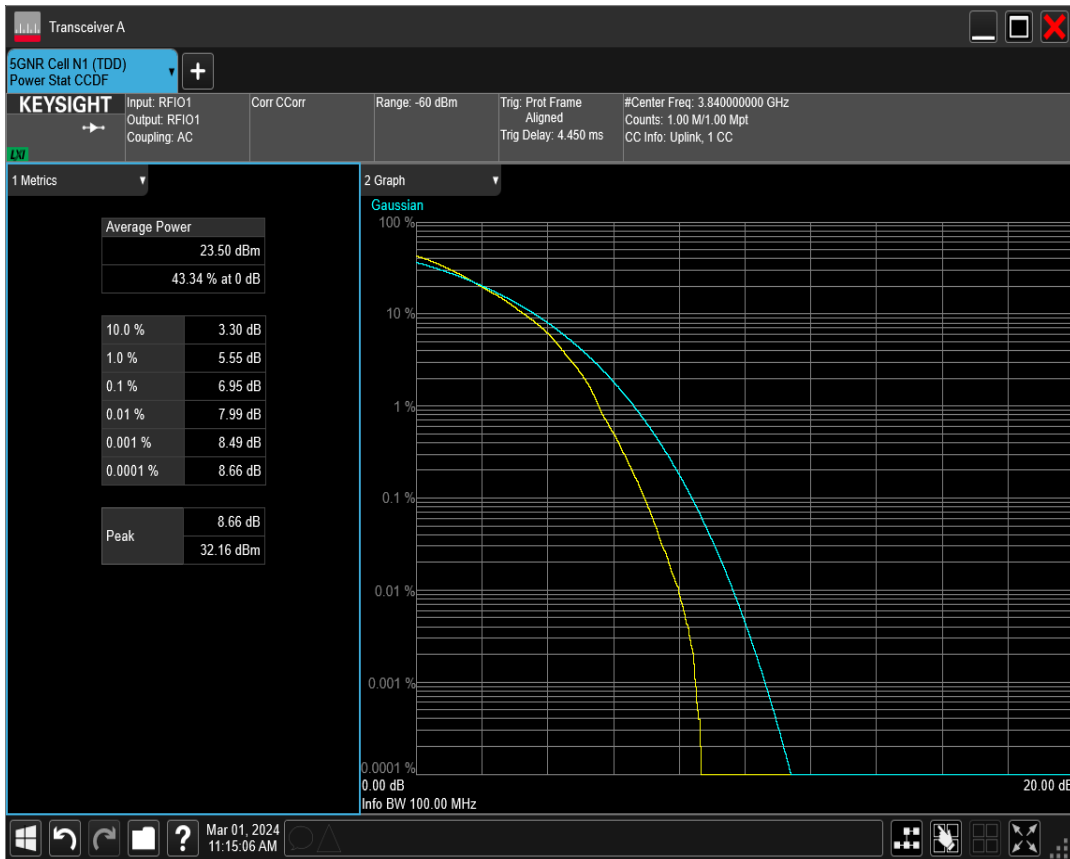
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=270@0



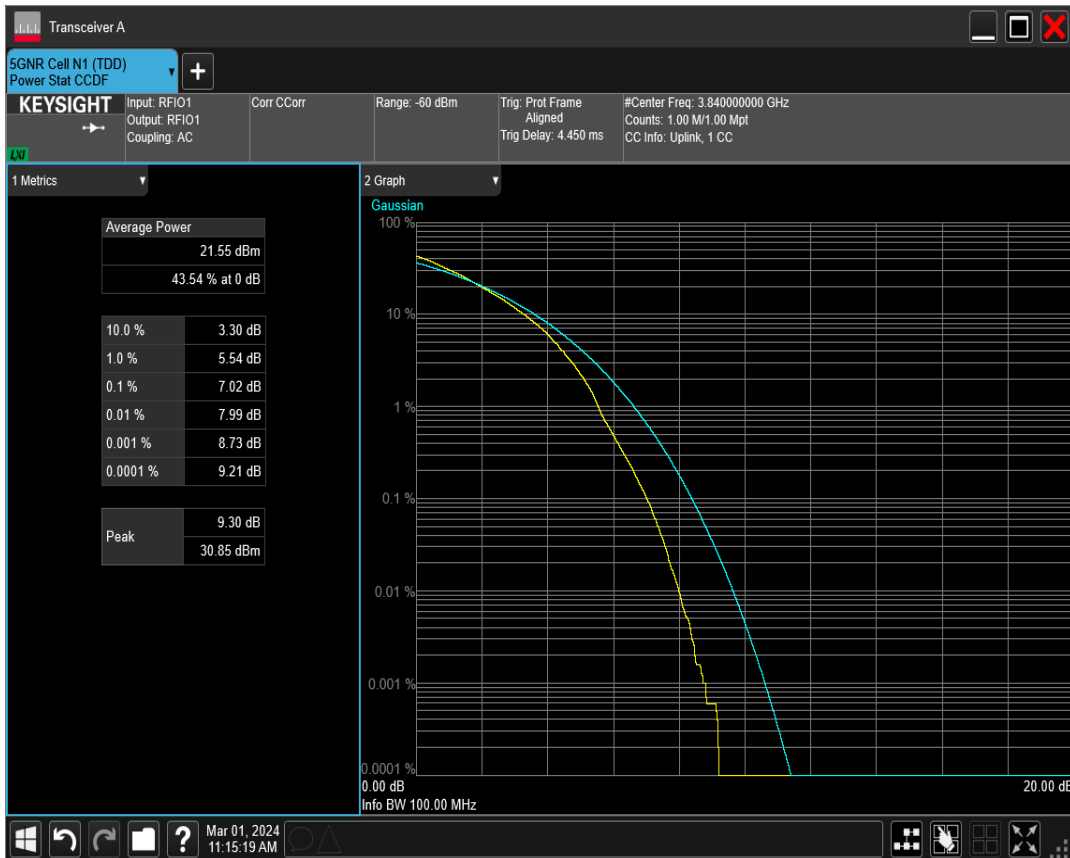
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=656000 RB=270@0



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	8.640	9.280	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	8.620	9.240	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM16	8.610	9.180	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM64	8.610	9.170	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM256	8.610	9.190	PASS
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	8.610	9.170	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	8.650	9.260	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	8.640	9.230	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	8.610	9.210	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	8.640	9.220	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	8.620	9.260	PASS
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	8.620	9.260	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	8.610	9.220	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	8.650	9.210	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM16	8.640	9.200	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM64	8.620	9.230	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM256	8.610	9.170	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	8.640	9.240	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	13.460	13.720	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	13.500	13.690	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM16	13.510	13.690	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM64	13.470	13.730	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM256	13.440	13.710	PASS
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	13.630	14.430	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	13.520	13.790	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	13.470	13.820	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	13.500	13.740	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	13.470	13.760	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	13.450	13.750	PASS
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	13.640	14.460	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	13.510	13.770	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	13.520	13.710	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM16	13.530	13.710	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM64	13.520	13.780	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM256	13.460	13.720	PASS
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	13.640	14.470	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	18.100	18.930	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	18.080	18.940	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM16	18.030	18.900	PASS

n77(3700-3980)	30	20	647334	50@0	DFT_QAM64	18.110	18.940	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM256	18.110	18.900	PASS
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	18.270	19.290	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	18.100	18.960	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	18.090	18.960	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	18.010	18.930	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	18.030	18.920	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	18.110	18.930	PASS
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	18.270	19.310	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	18.160	18.990	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	18.110	18.950	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM16	18.090	18.940	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM64	18.180	18.940	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM256	18.170	18.950	PASS
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	18.280	19.340	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_BPSK	27.630	28.460	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QPSK	27.620	28.440	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM16	27.660	28.450	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM64	27.620	28.440	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM256	27.630	28.460	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	27.620	28.510	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	27.620	28.510	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM16	27.630	28.490	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	27.620	28.470	PASS
n77(3700-3980)	30	30	656000	78@0	CP_QPSK	27.980	29.560	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_BPSK	27.720	28.430	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QPSK	27.650	28.480	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM16	27.660	28.440	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM64	27.650	28.460	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM256	27.650	28.440	PASS
n77(3700-3980)	30	30	664332	78@0	CP_QPSK	27.990	29.560	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	37.510	37.890	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	37.470	37.920	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM16	37.510	37.910	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	37.490	37.880	PASS
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	37.980	40.070	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	37.510	37.910	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	37.460	37.930	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	37.480	37.930	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	37.600	37.910	PASS

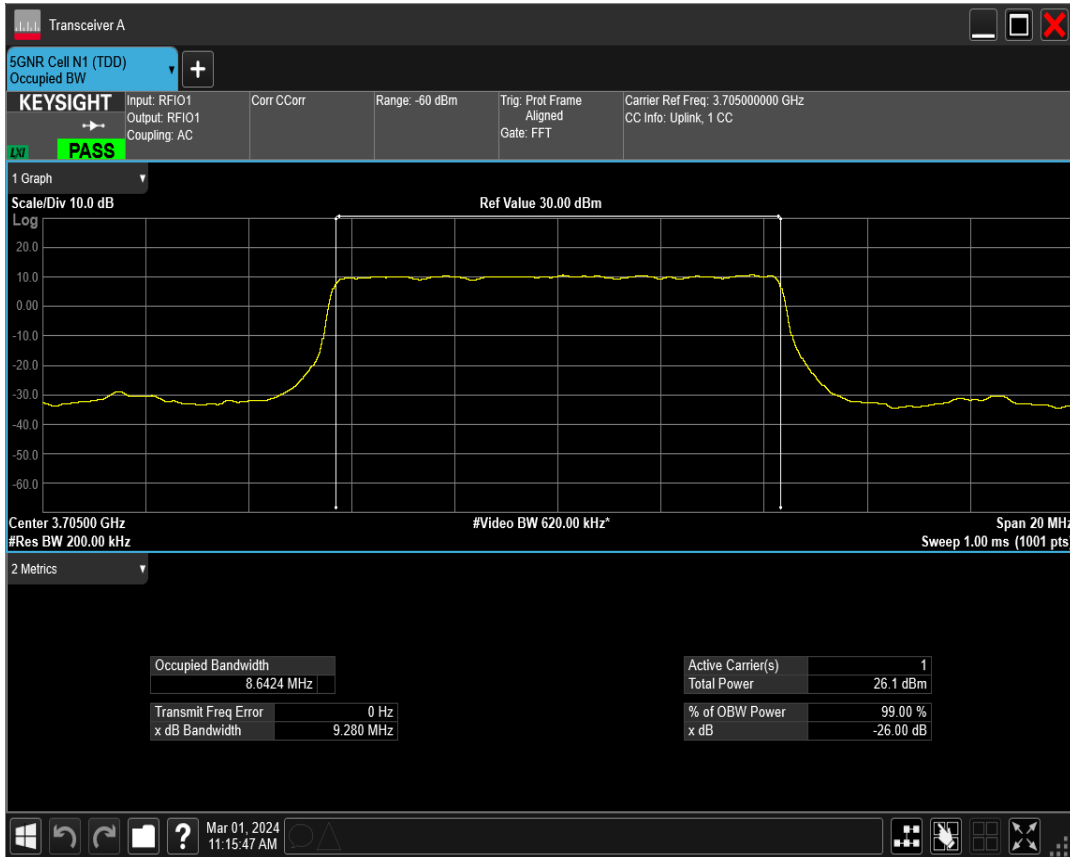
n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	37.480	37.880	PASS
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	37.970	40.080	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	37.620	37.890	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	37.490	37.910	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM16	37.520	37.910	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM64	37.630	37.900	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM256	37.620	37.890	PASS
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	37.970	40.050	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	47.030	48.380	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	47.090	48.410	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM16	47.060	48.380	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM64	47.060	48.370	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM256	47.060	48.380	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	47.660	50.230	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	47.070	48.420	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	47.200	48.440	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	47.080	48.450	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	47.070	48.410	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	47.060	48.380	PASS
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	47.650	50.270	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	47.200	48.440	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	47.230	48.430	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM16	47.210	48.430	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM64	47.100	48.420	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM256	47.090	48.420	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	47.650	50.280	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	57.940	61.010	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	57.930	61.010	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM16	57.950	61.010	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM64	58.080	61.010	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM256	57.940	60.970	PASS
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	57.960	61.030	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	57.940	61.060	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	57.940	61.050	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	57.950	61.050	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	57.960	61.050	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	57.930	60.970	PASS
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	57.950	61.070	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	57.950	61.070	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	57.950	61.060	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM16	58.090	61.060	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM64	58.090	61.070	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM256	57.950	61.000	PASS



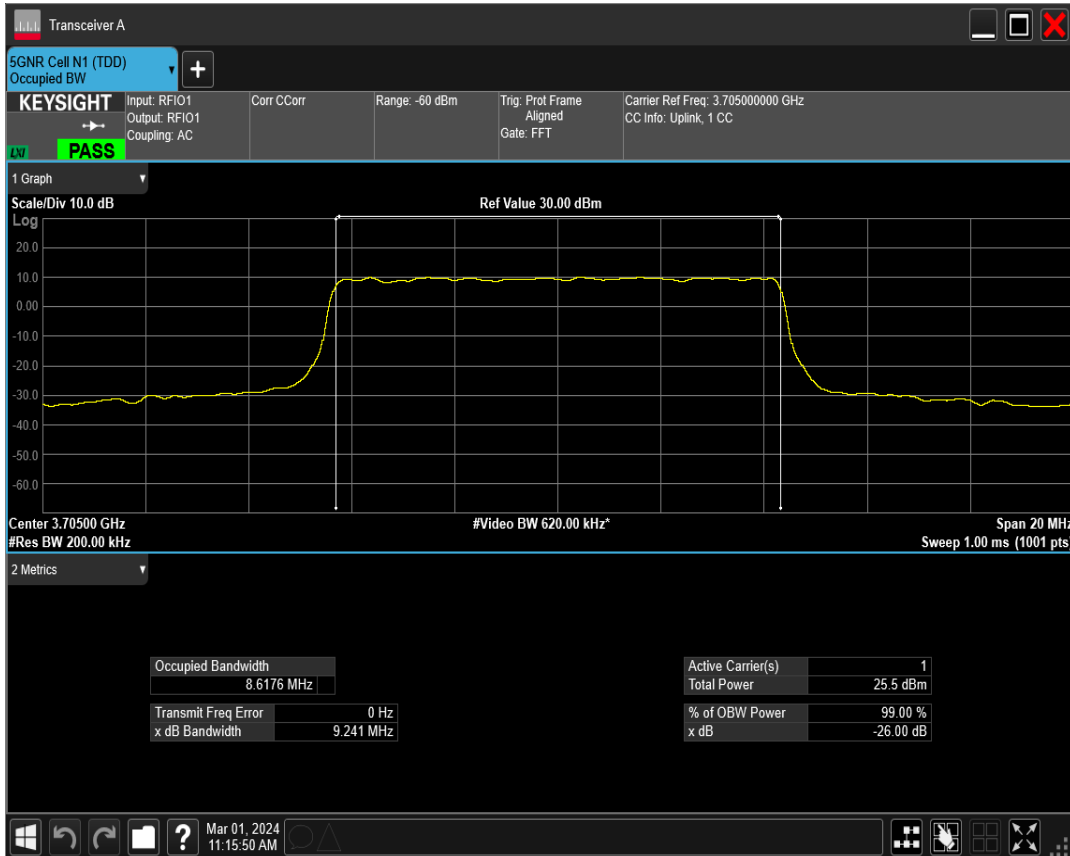
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	58.080	61.080	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	77.450	81.370	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	77.490	81.390	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM16	77.450	81.380	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM64	77.480	81.400	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM256	77.270	81.330	PASS
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	77.780	81.780	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	77.440	81.410	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	77.460	81.400	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM16	77.450	81.400	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM64	77.470	81.430	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM256	77.260	81.340	PASS
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	77.770	81.810	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	77.470	81.390	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	77.500	81.380	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM16	77.480	81.410	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM64	77.500	81.420	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM256	77.450	81.350	PASS
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	77.780	81.810	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_BPSK	86.560	90.570	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QPSK	86.570	90.580	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM16	86.760	90.620	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM64	86.520	90.570	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM256	86.780	90.530	PASS
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	87.630	92.350	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_BPSK	86.560	90.650	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QPSK	86.550	90.620	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM16	86.560	90.680	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM64	86.520	90.620	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM256	86.790	90.570	PASS
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	87.640	92.400	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_BPSK	86.860	90.630	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QPSK	86.870	90.690	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM16	86.840	90.620	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM64	86.830	90.680	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM256	86.910	90.590	PASS
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	87.840	92.440	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	96.800	101.670	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	96.860	101.680	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM16	96.820	101.700	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM64	96.810	101.650	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM256	96.590	101.670	PASS
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	97.640	102.760	PASS

n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	96.580	101.720	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	96.850	101.750	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM16	96.560	101.720	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM64	96.810	101.700	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM256	96.580	101.700	PASS
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	97.630	102.840	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	96.920	101.720	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	96.980	101.790	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM16	96.940	101.800	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM64	96.940	101.760	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM256	96.900	101.770	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	97.690	102.900	PASS

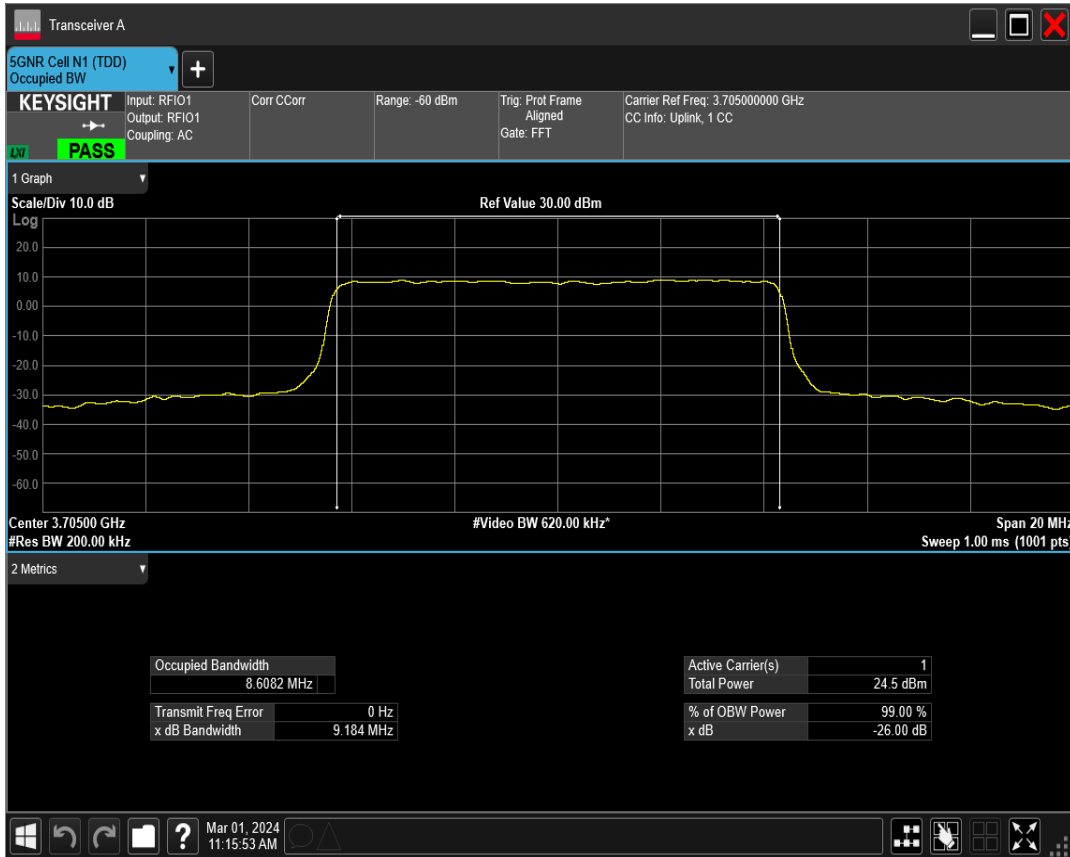
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=10MHz Channel=647000 RB=24@0



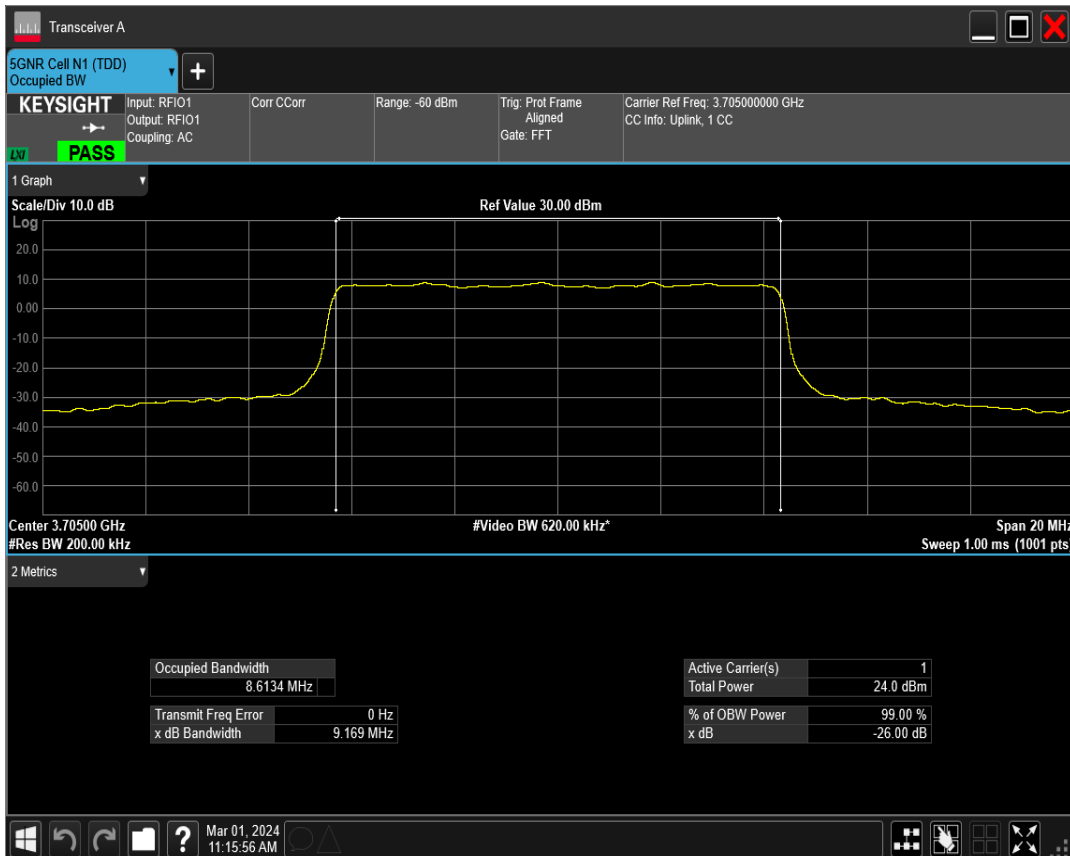
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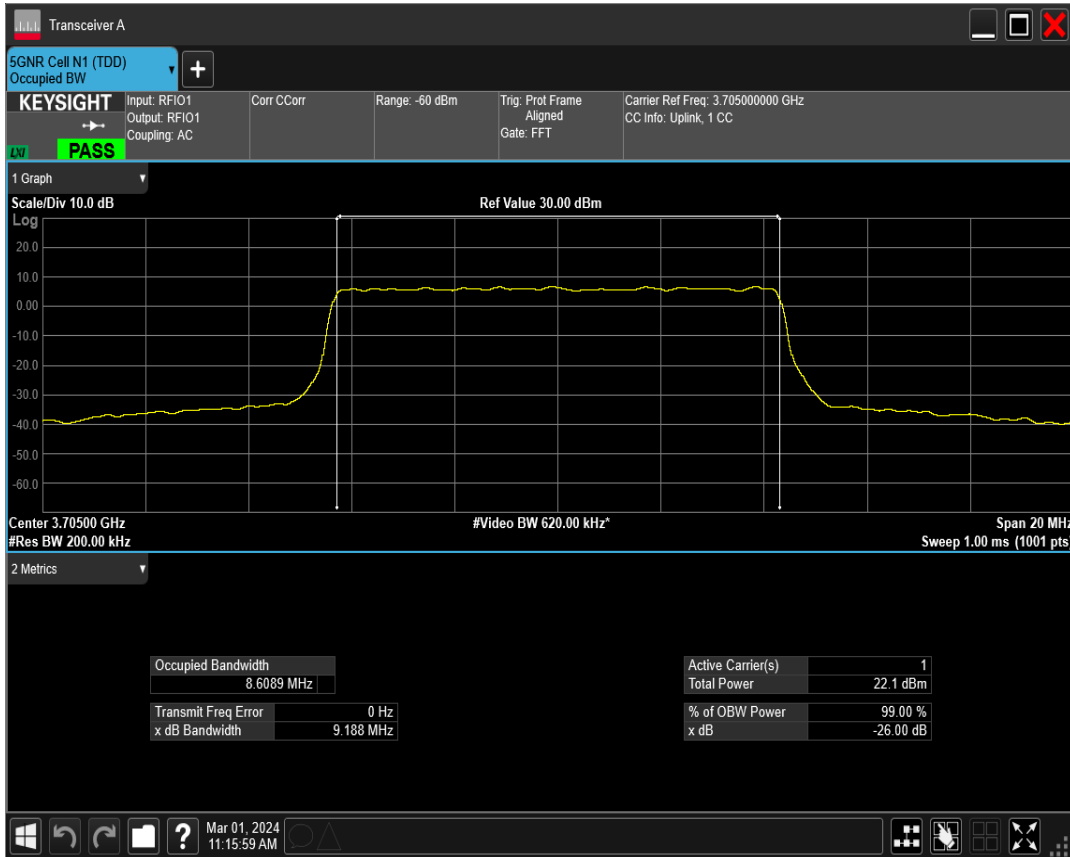
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=10MHz Channel=647000 RB=24@0



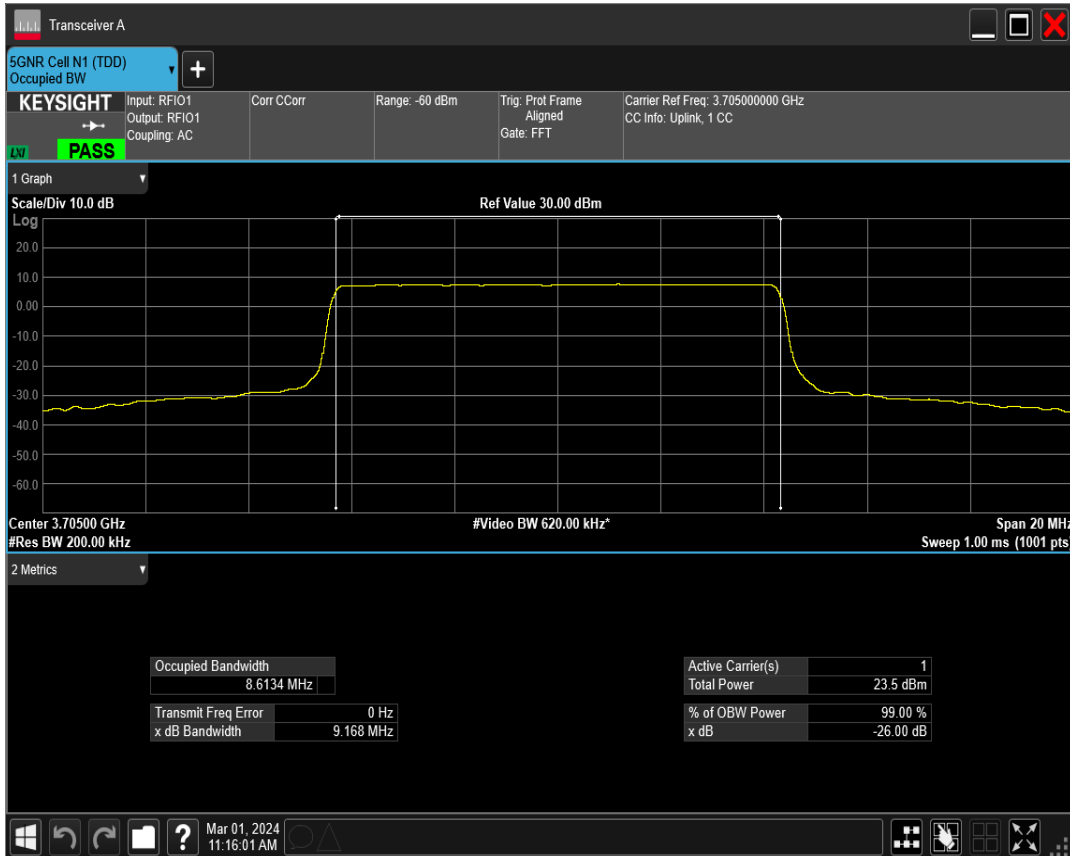
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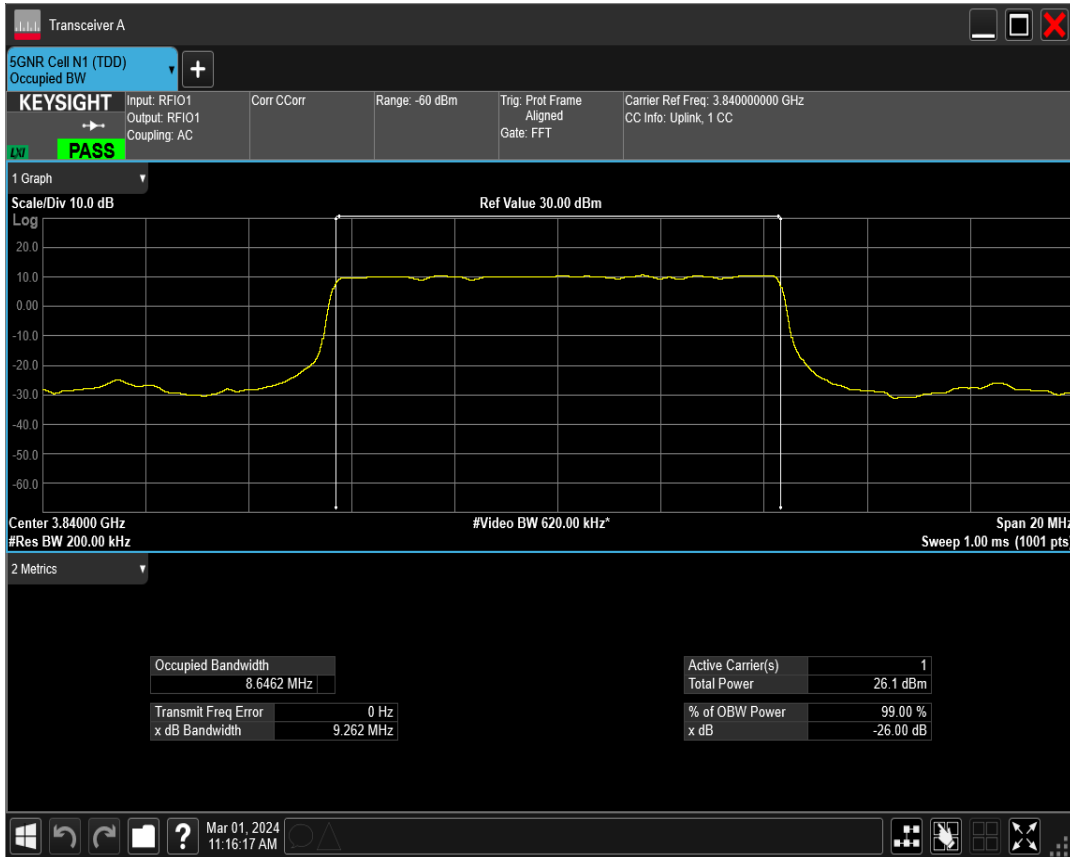
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=10MHz Channel=647000 RB=24@0



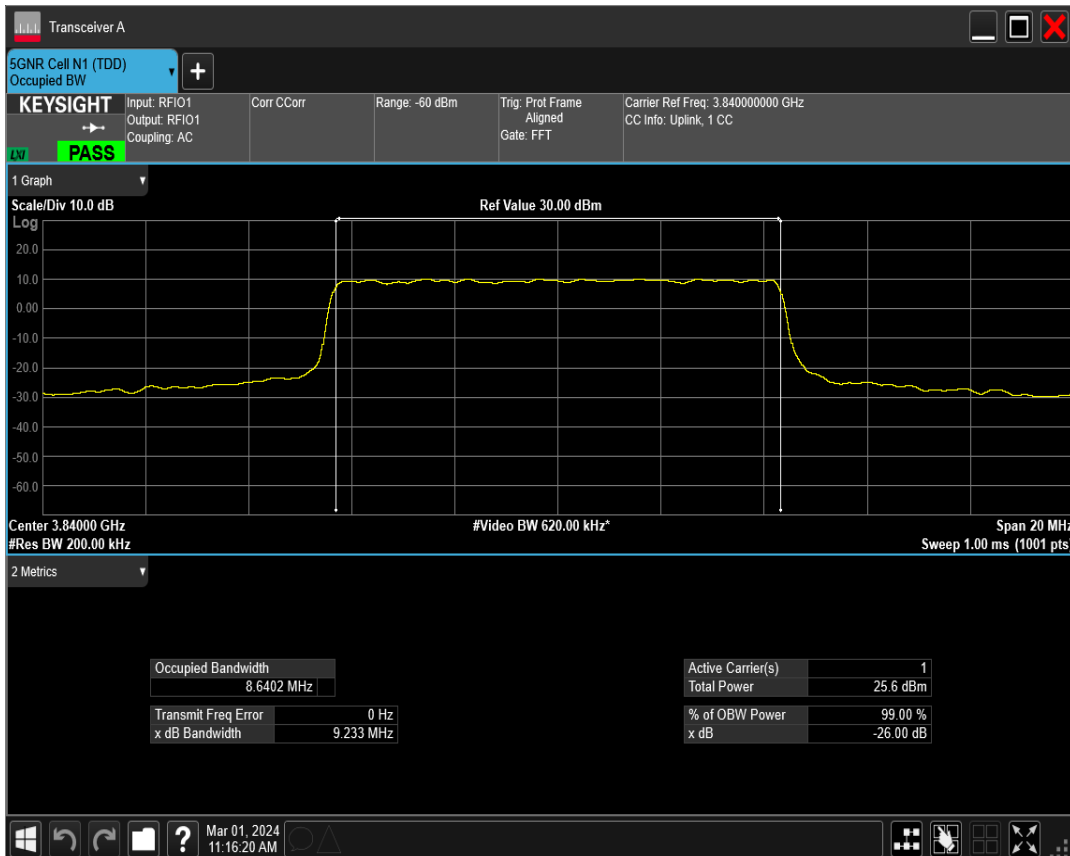
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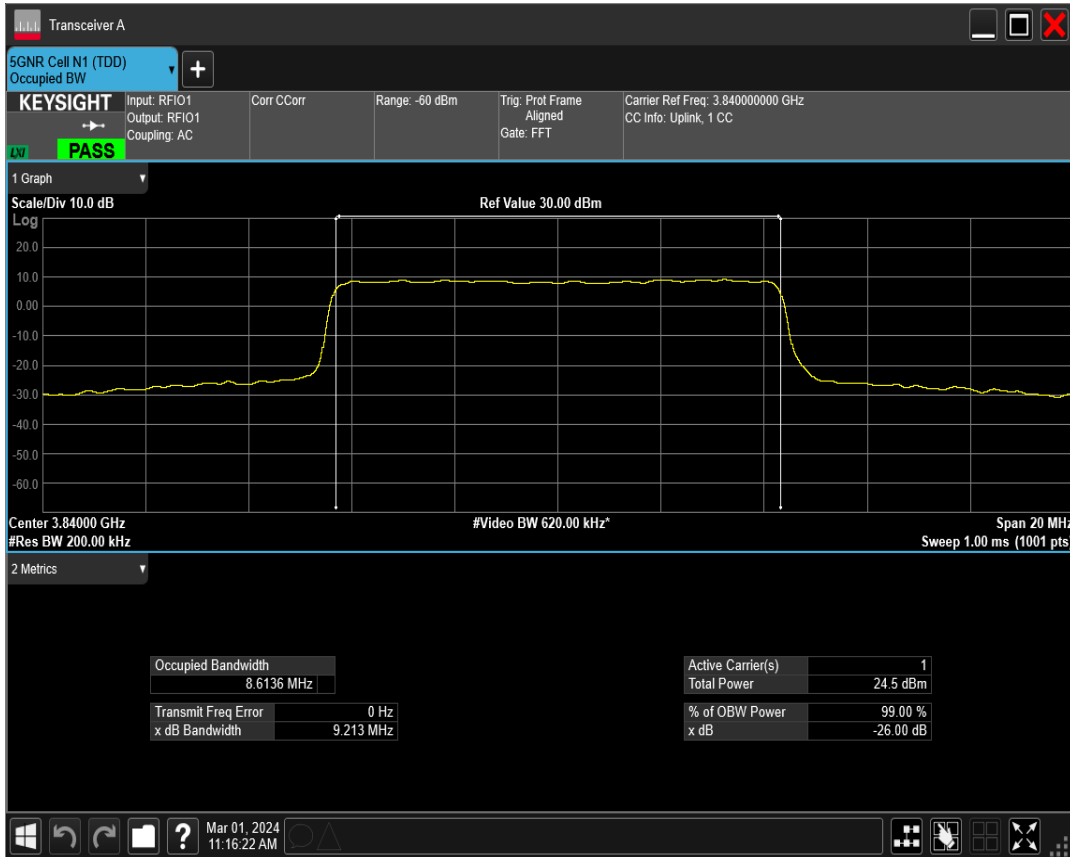
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=10MHz Channel=656000 RB=24@0



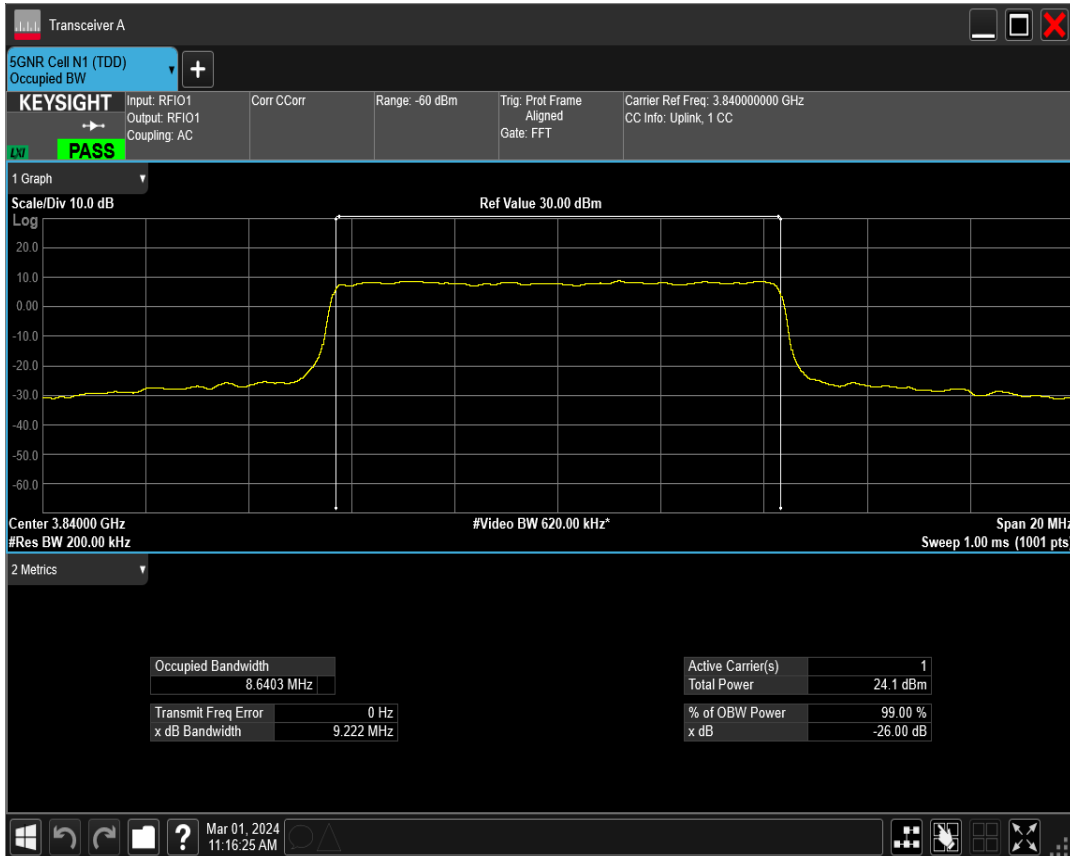
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=656000 RB=24@0



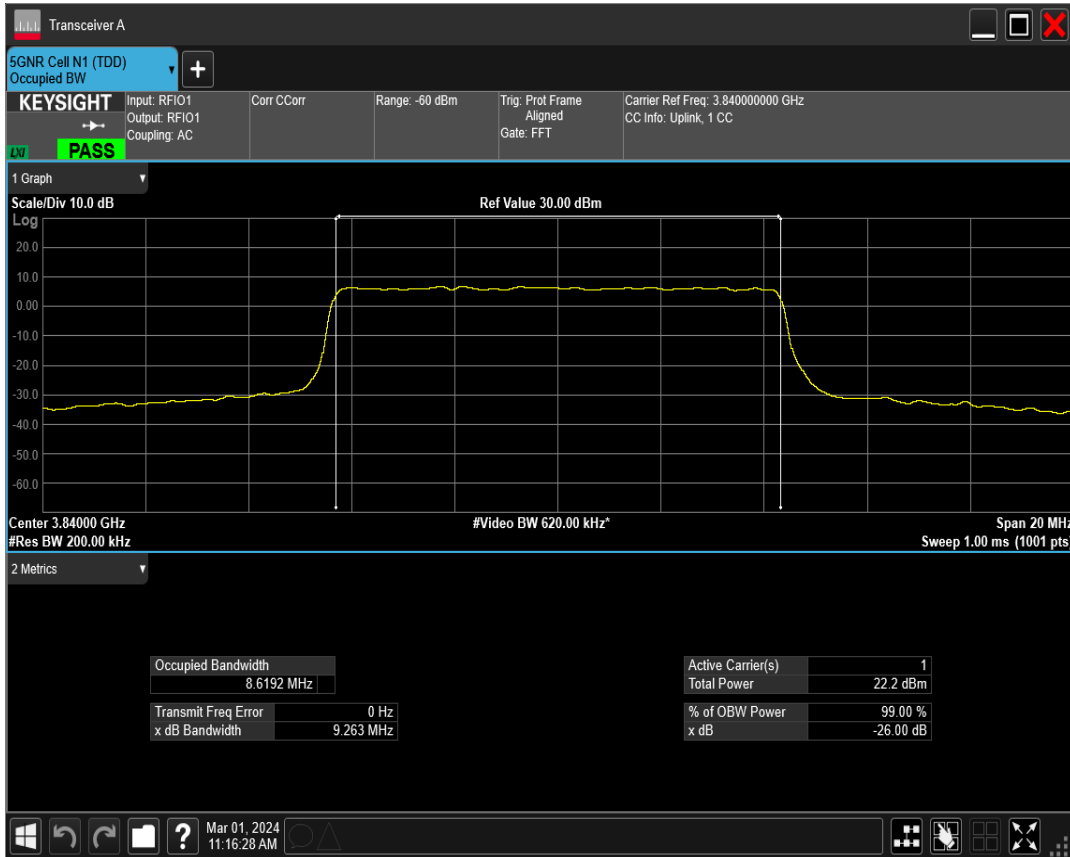
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=10MHz Channel=656000 RB=24@0



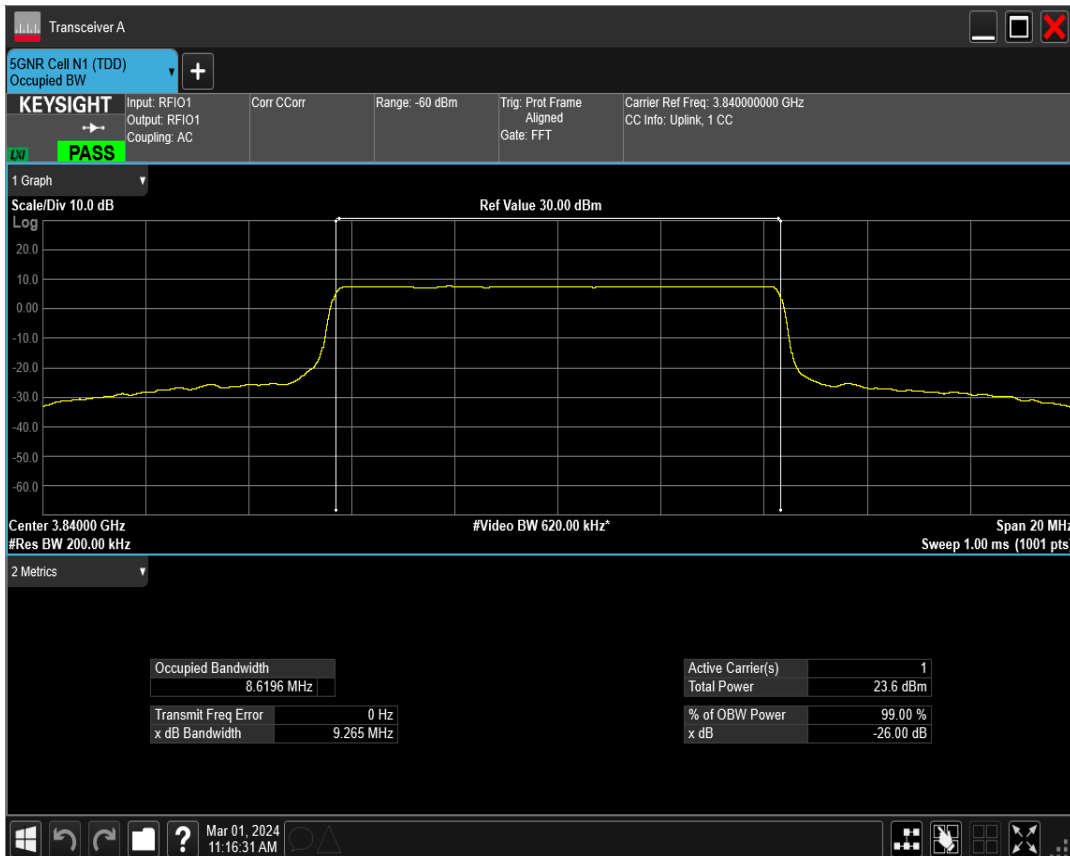
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=10MHz Channel=656000 RB=24@0



n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=10MHz Channel=656000 RB=24@0

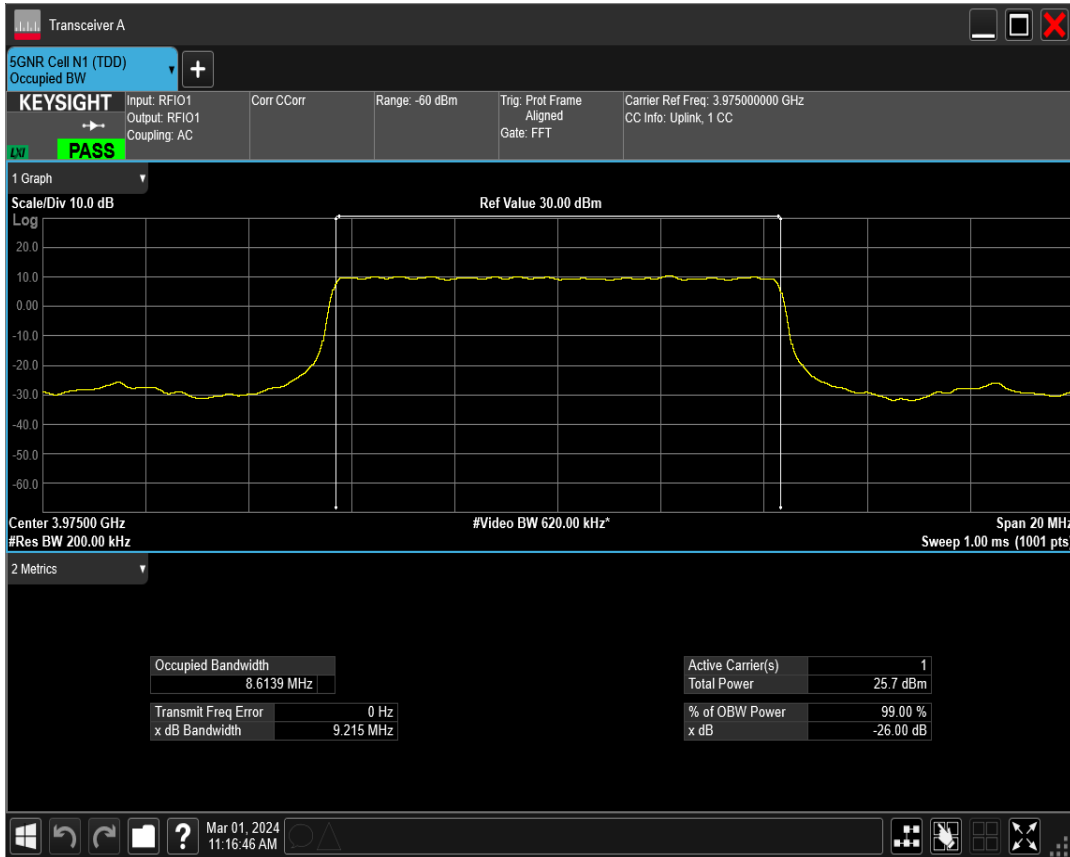


n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=656000 RB=24@0

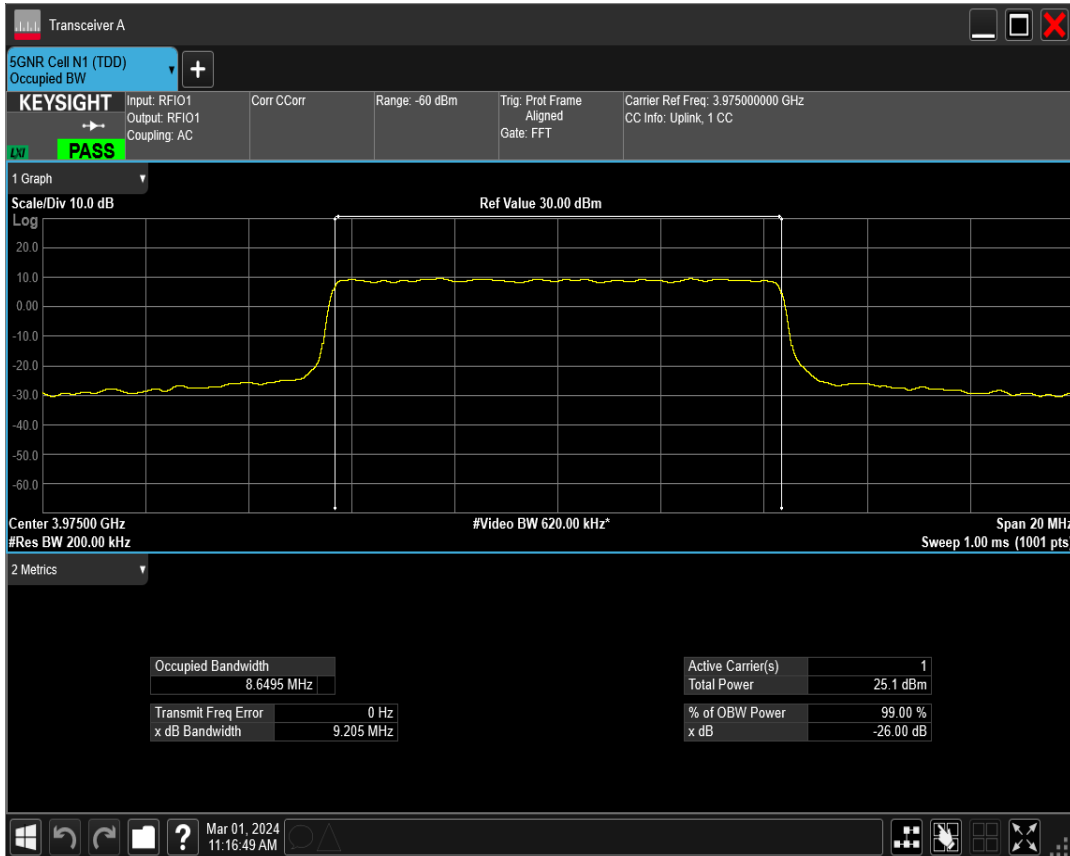




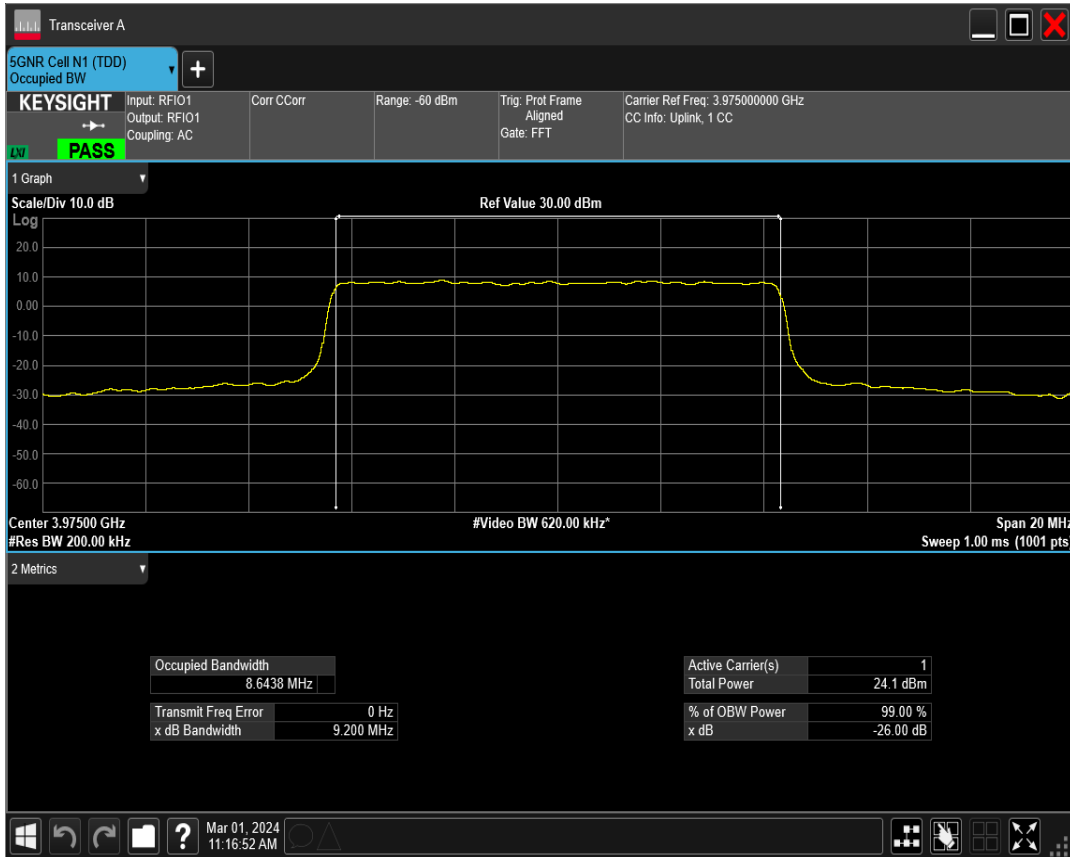
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=10MHz Channel=665000 RB=24@0



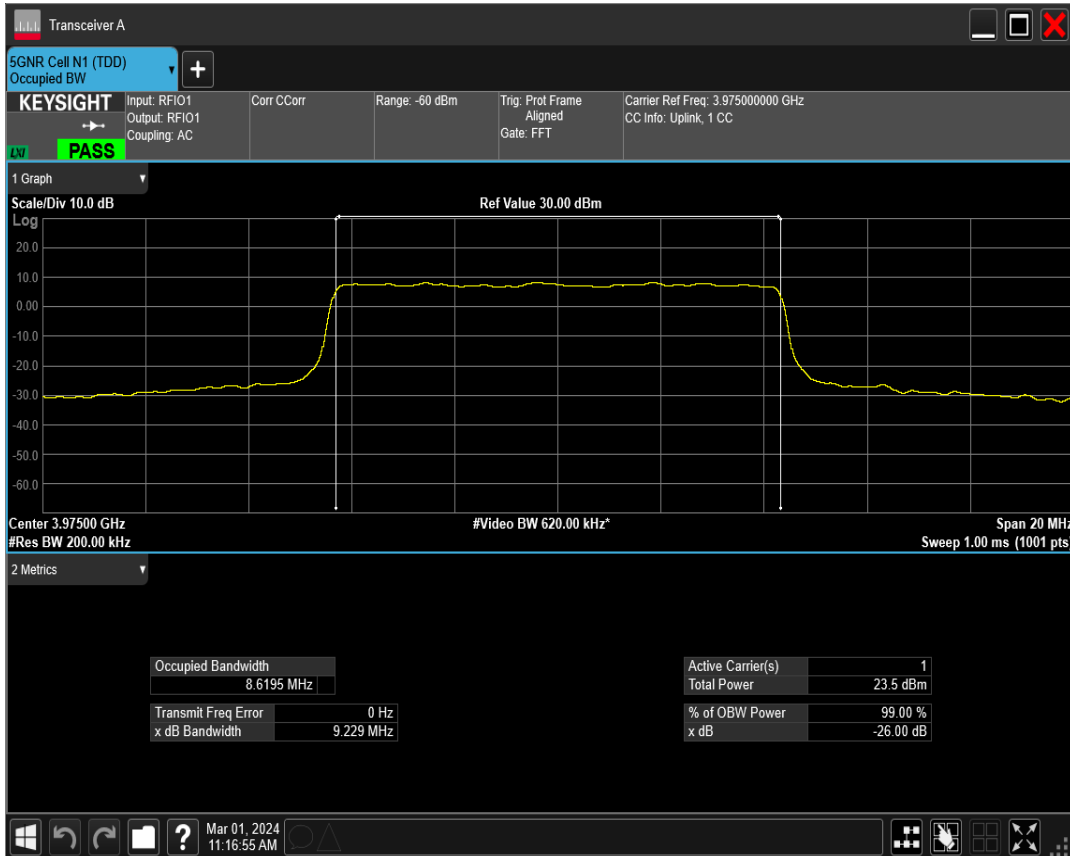
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=665000 RB=24@0



n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=10MHz Channel=665000 RB=24@0



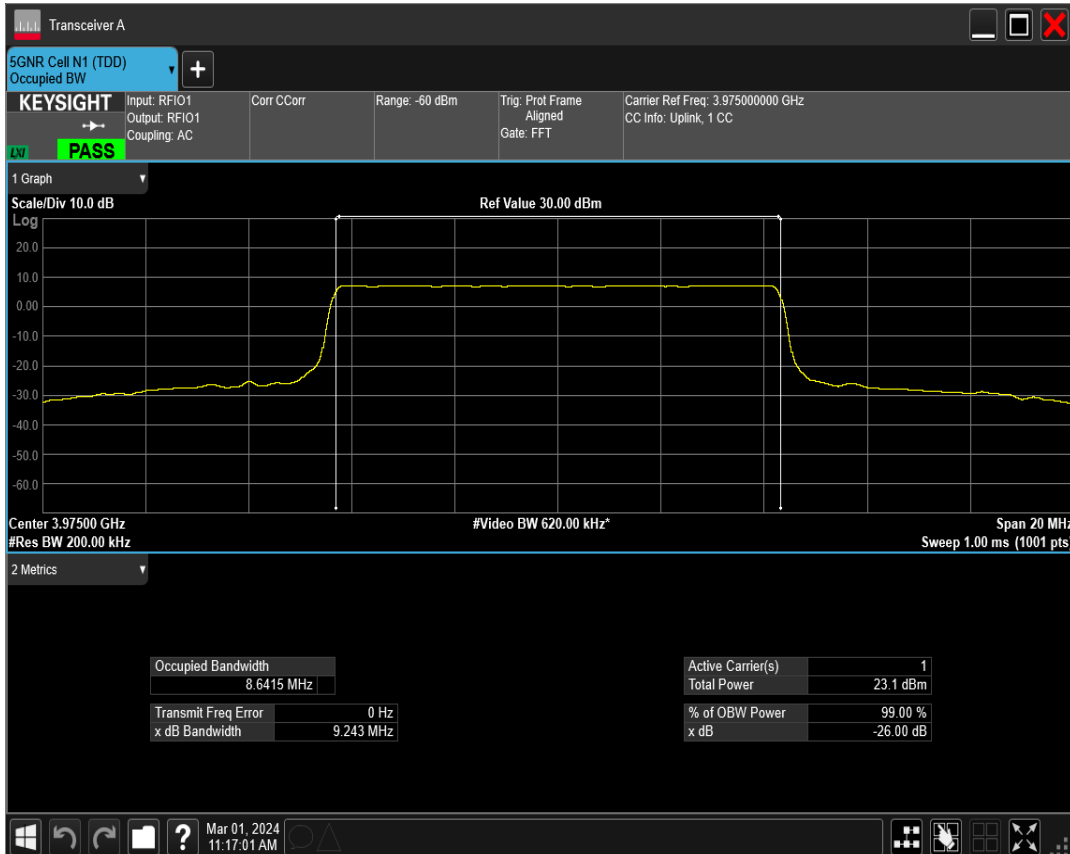
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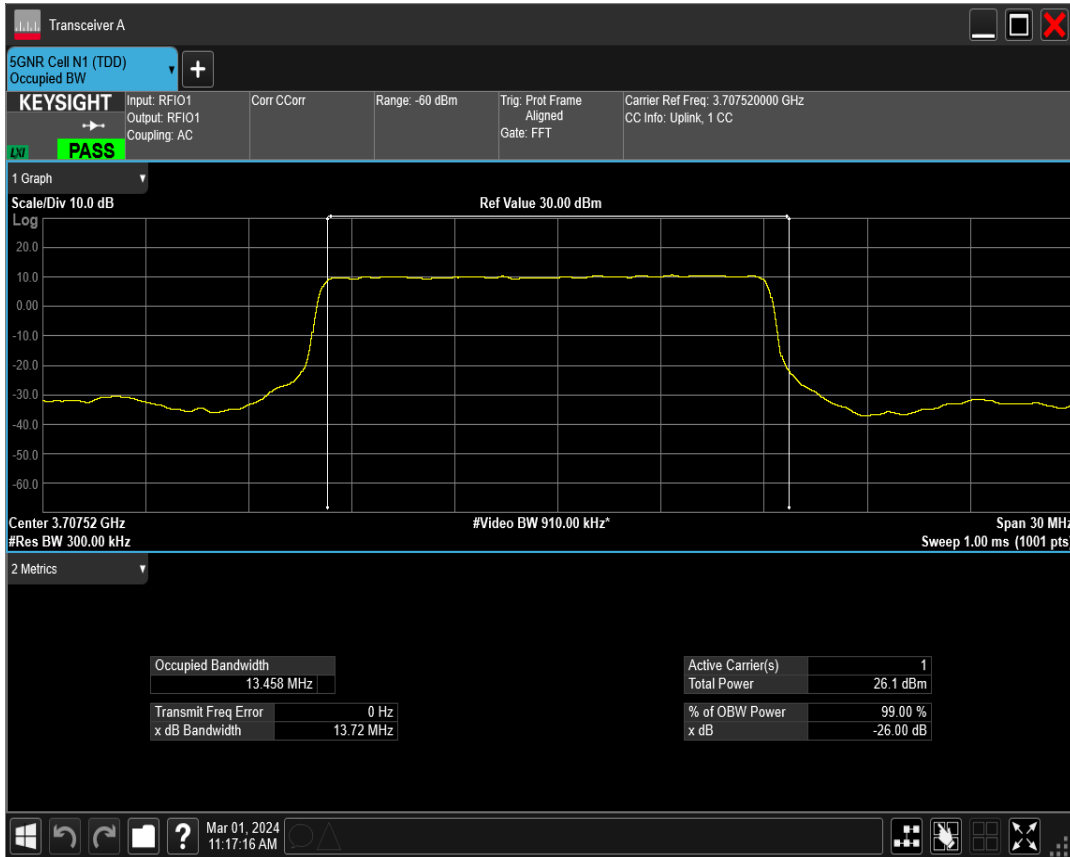
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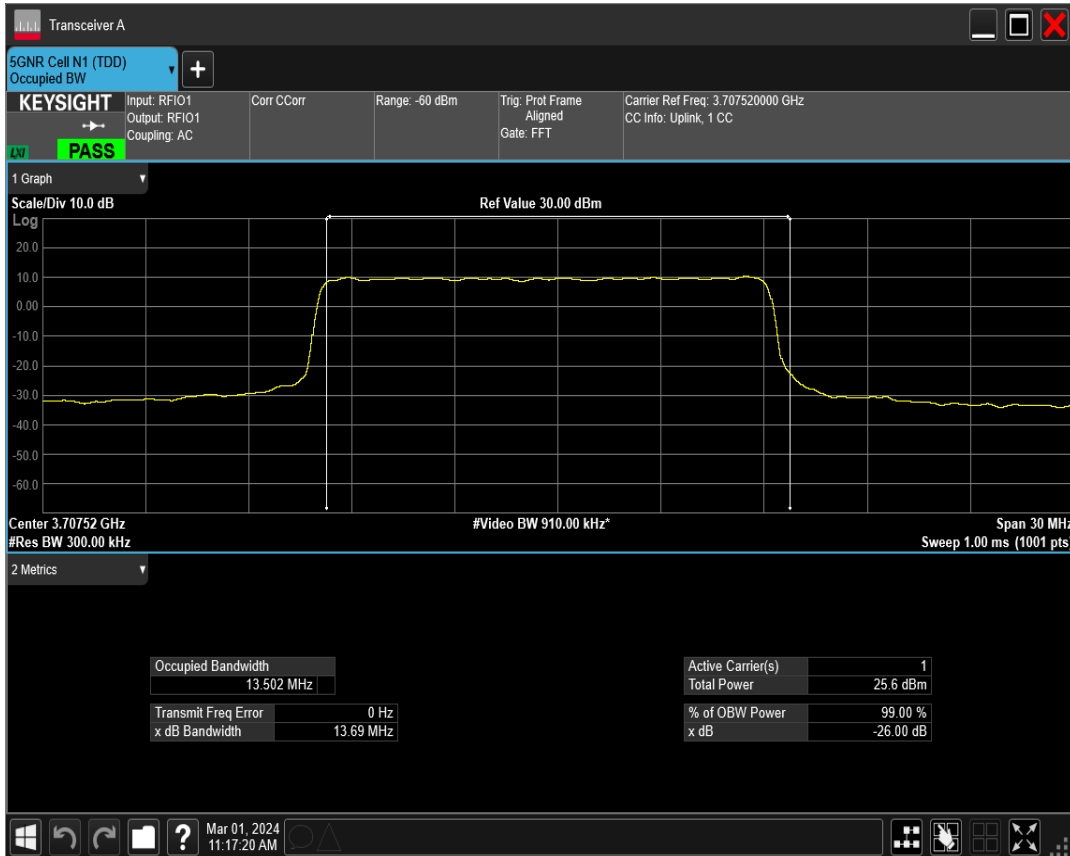
n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=24@0



n77(3700-3980) SCS=30kHz DFT\_BPSK BW=15MHz Channel=647168 RB=36@0



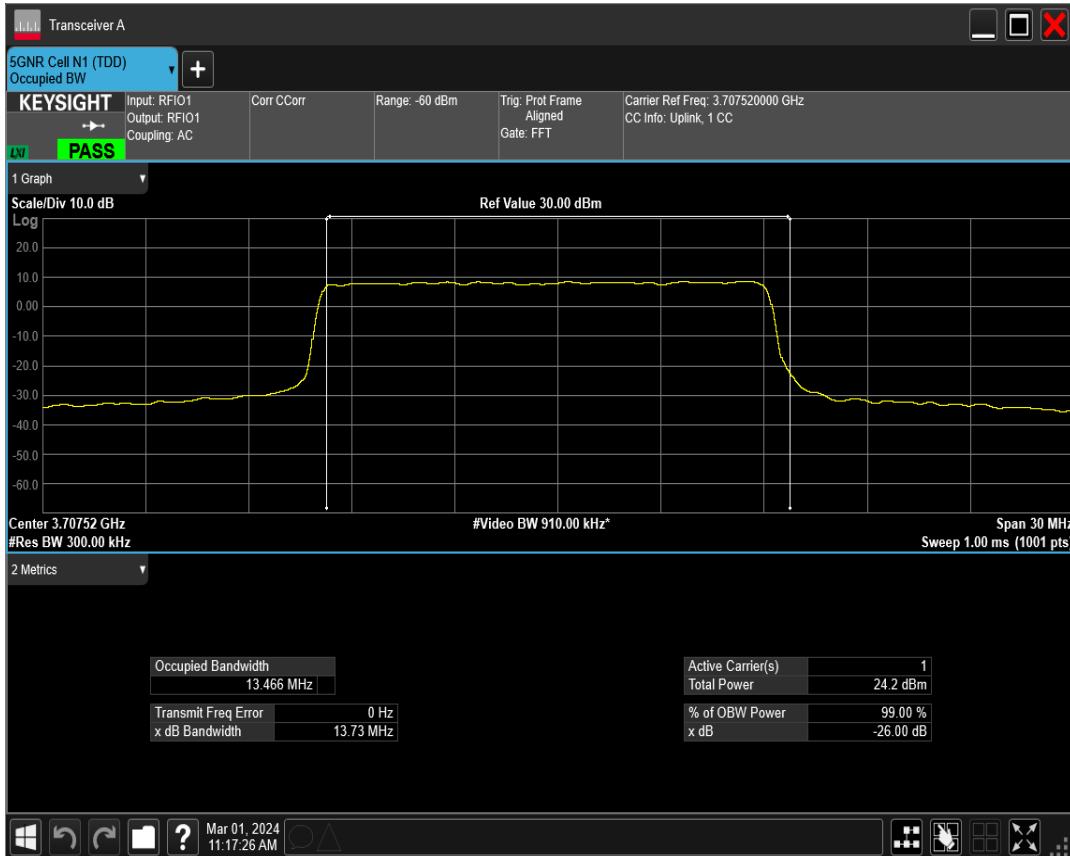
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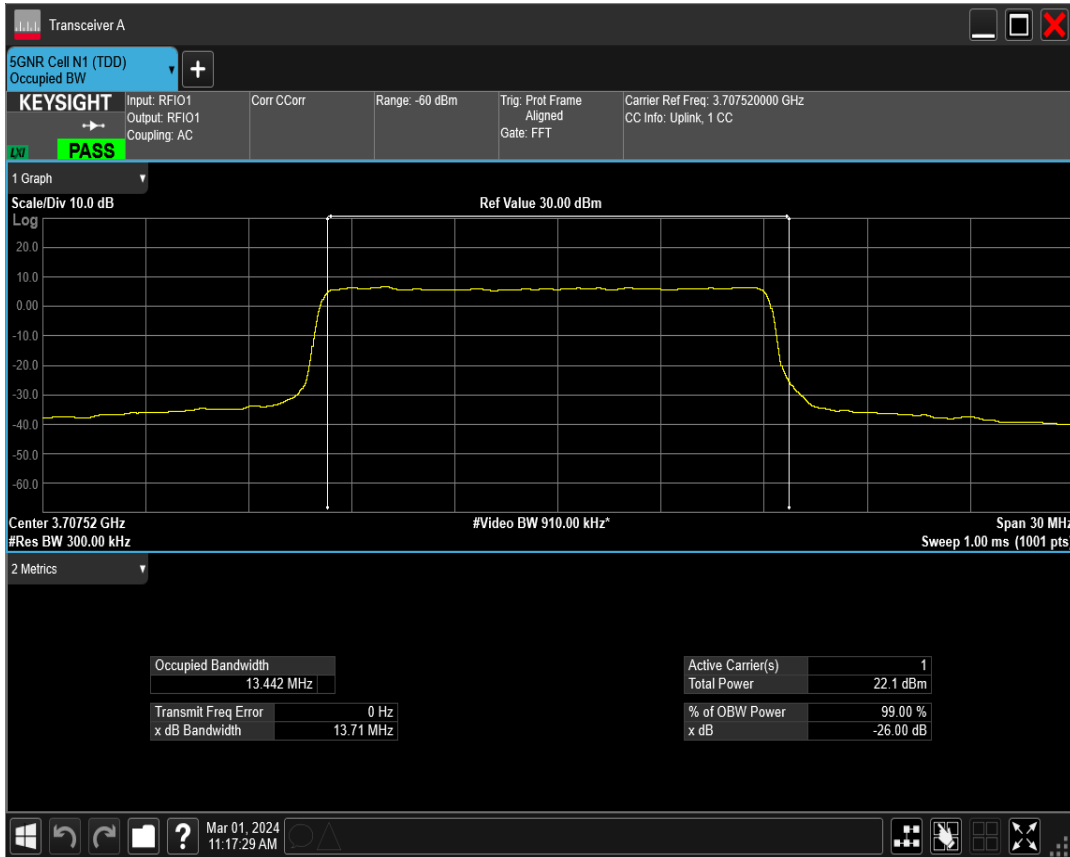
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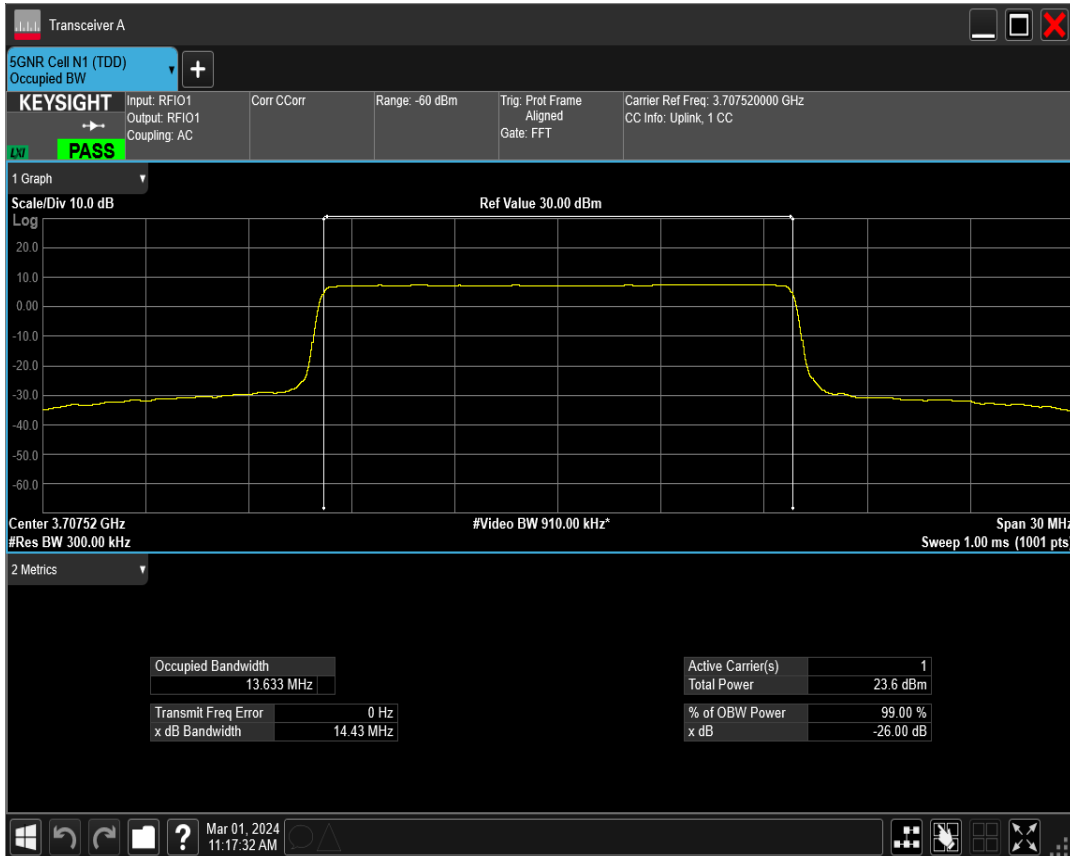
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=15MHz Channel=647168 RB=36@0



n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=15MHz Channel=647168 RB=36@0



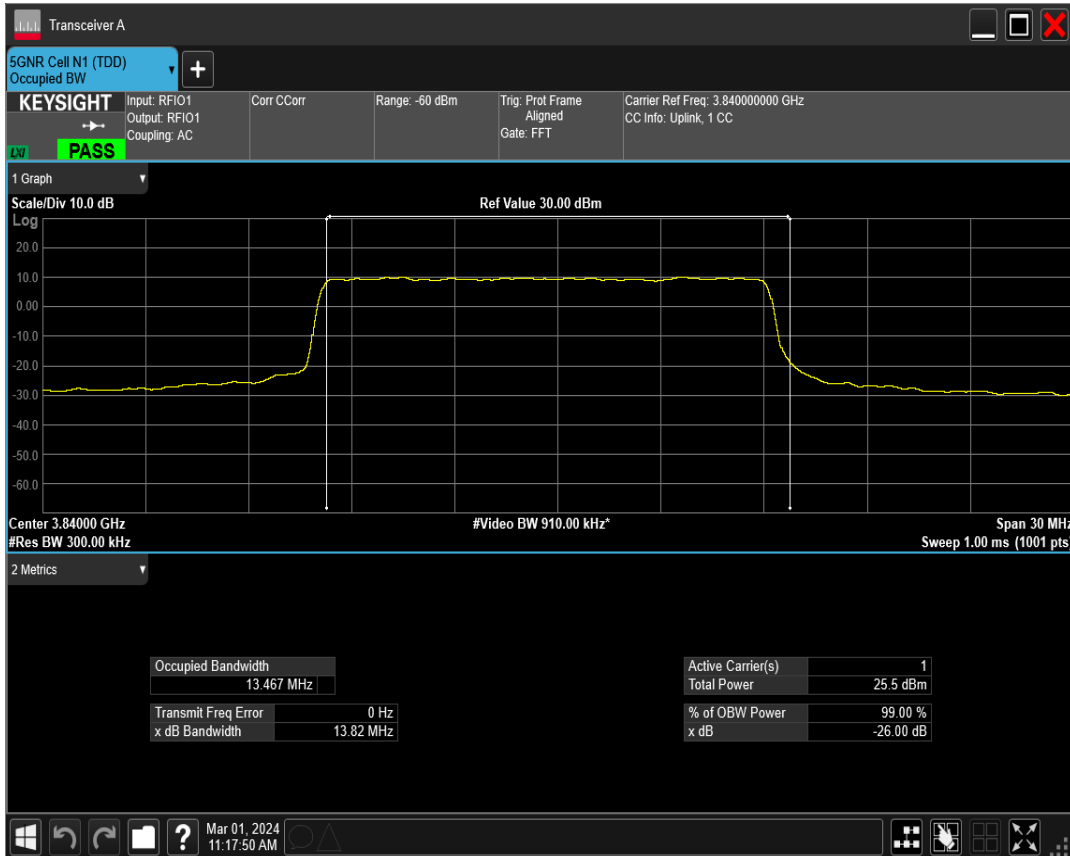
n77(3700-3980) SCS=30kHz CP\_QPSK BW=15MHz Channel=647168 RB=38@0



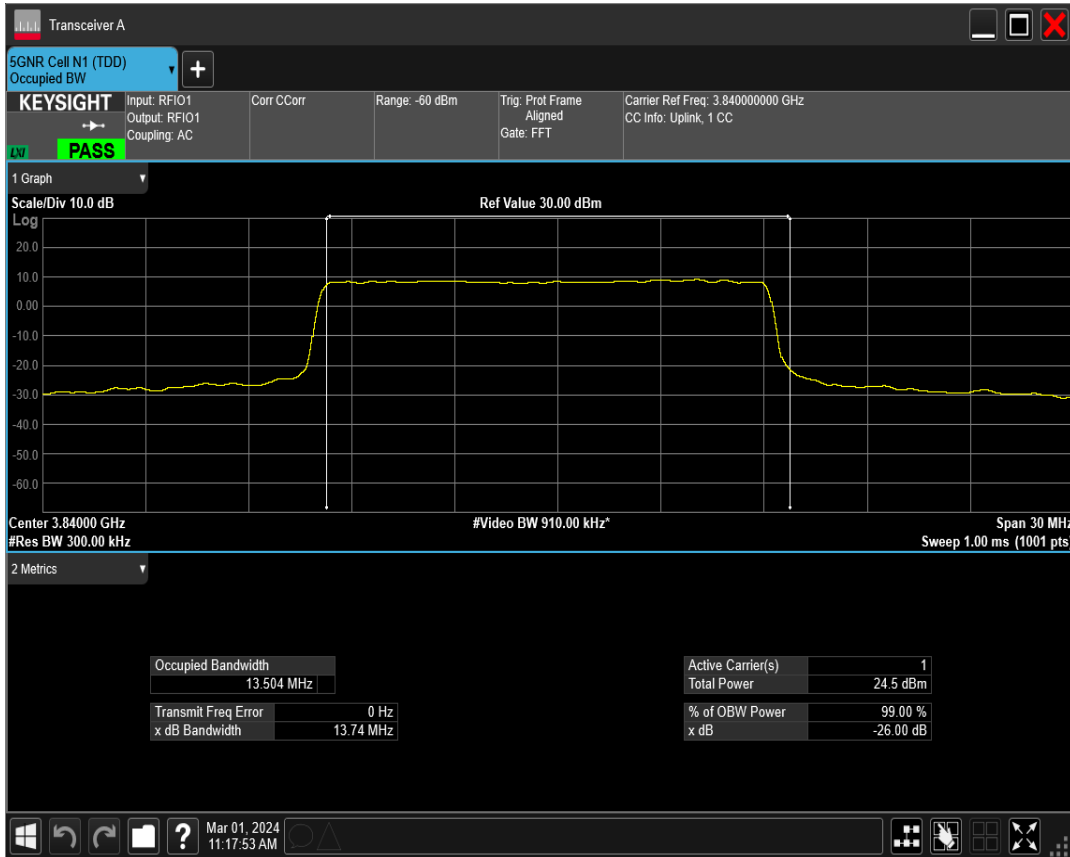
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=15MHz Channel=656000 RB=36@0



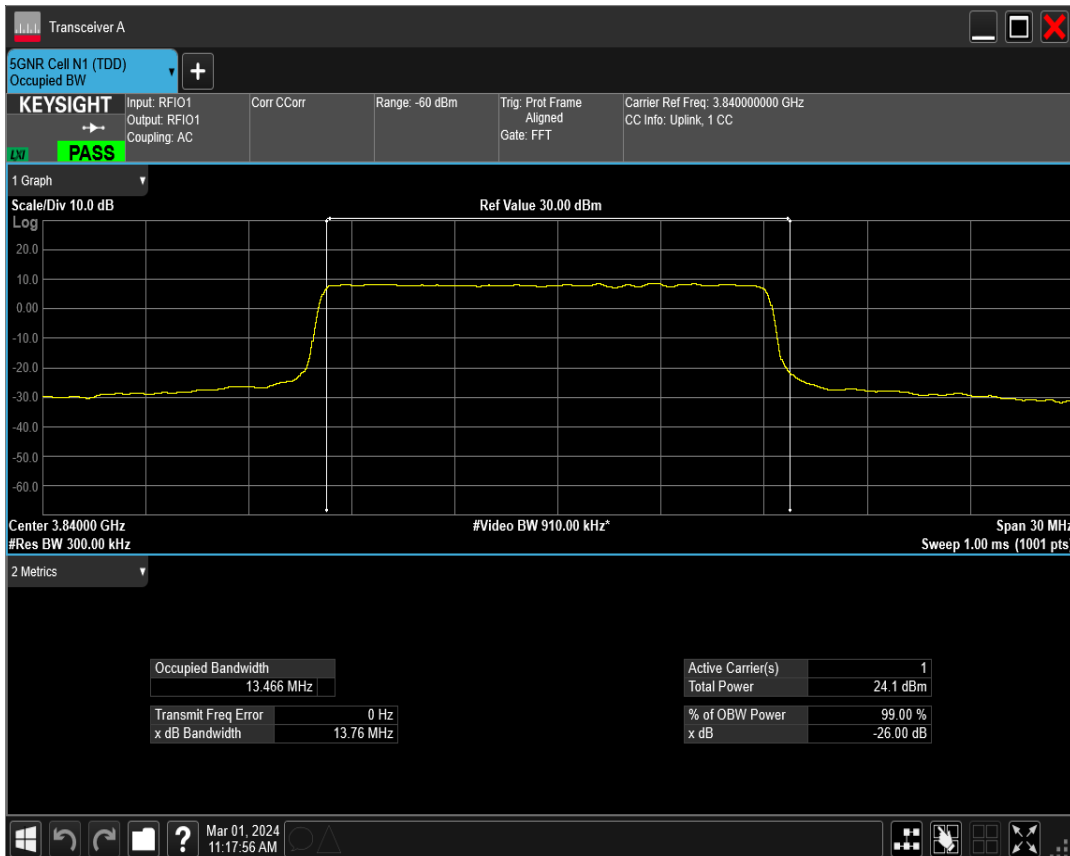
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=15MHz Channel=656000 RB=36@0



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

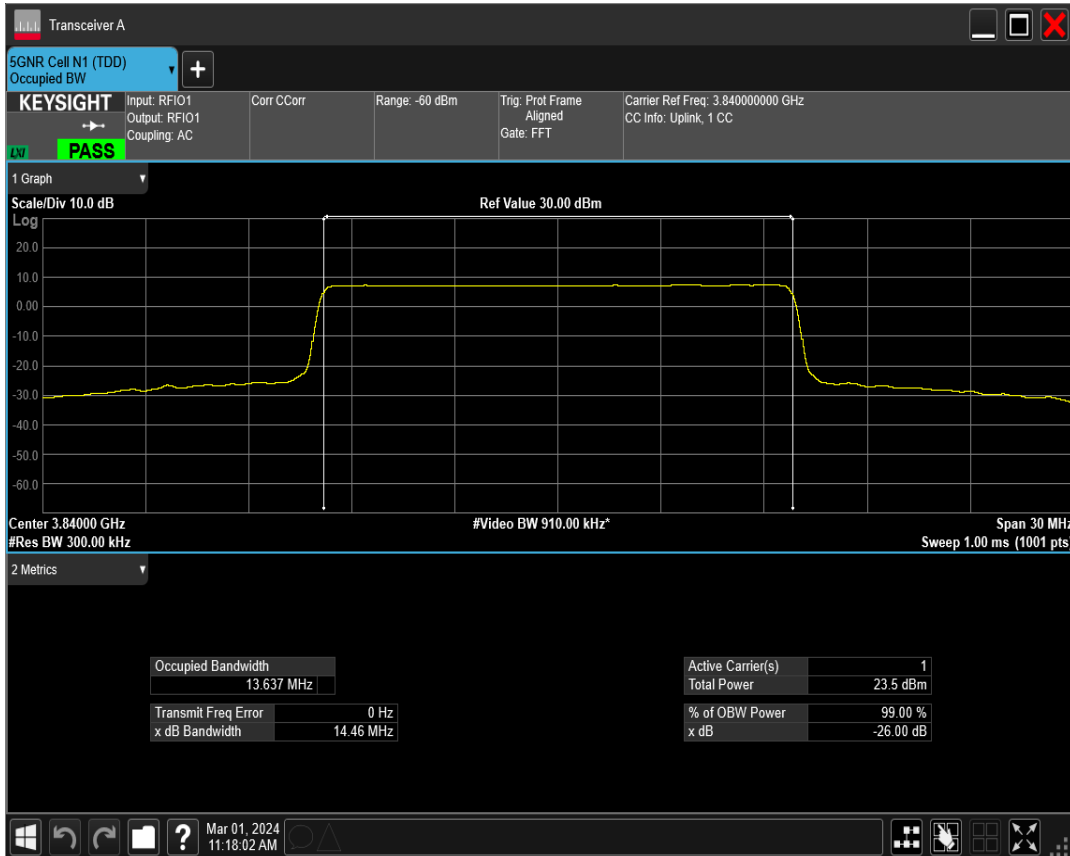




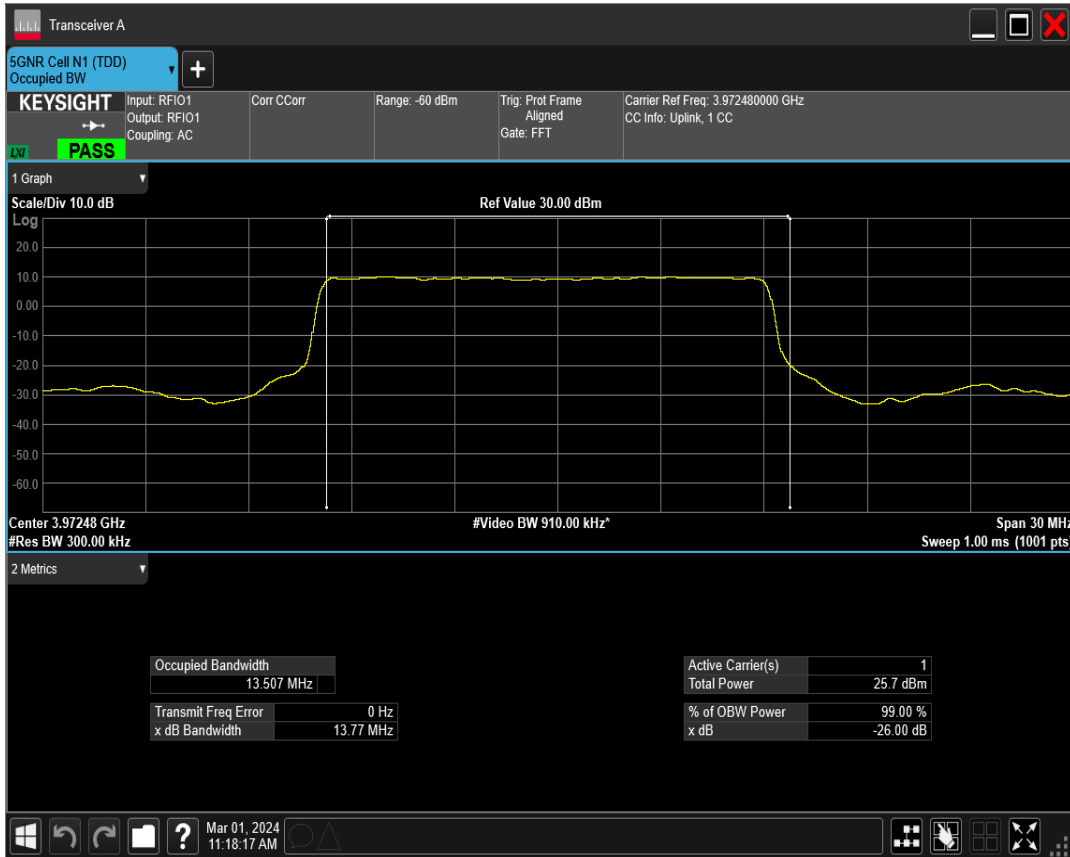
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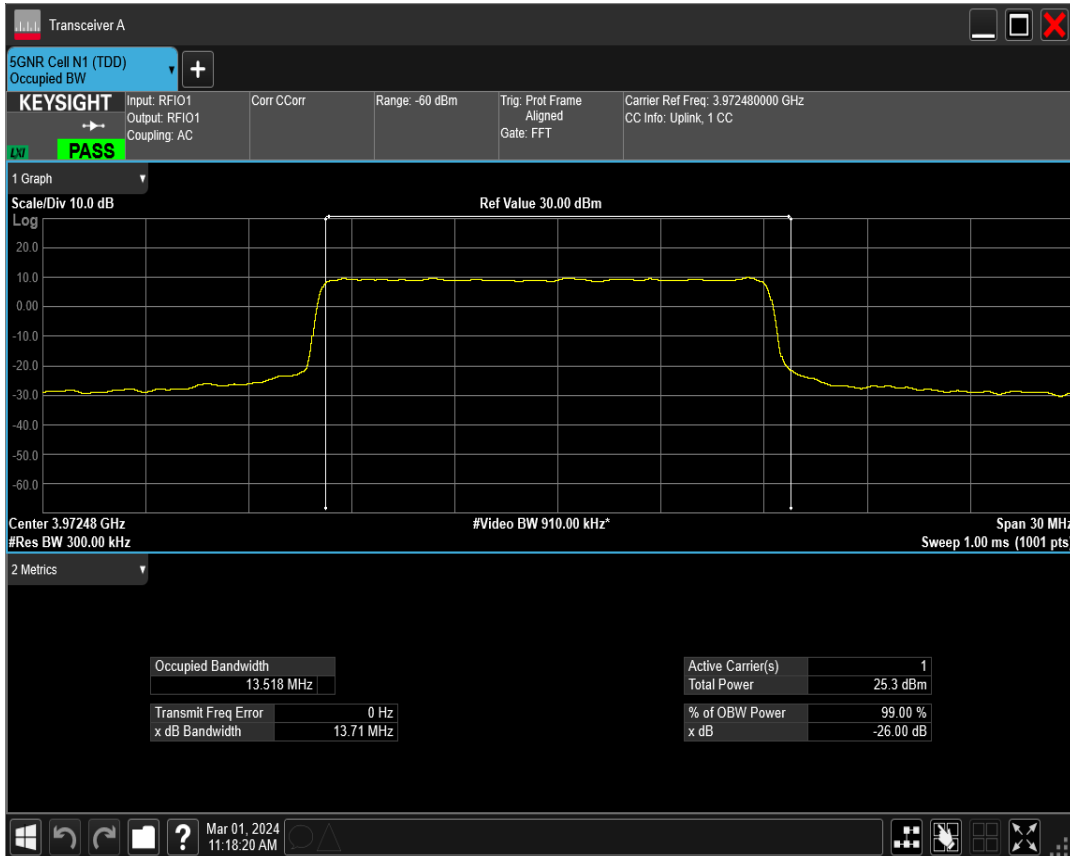
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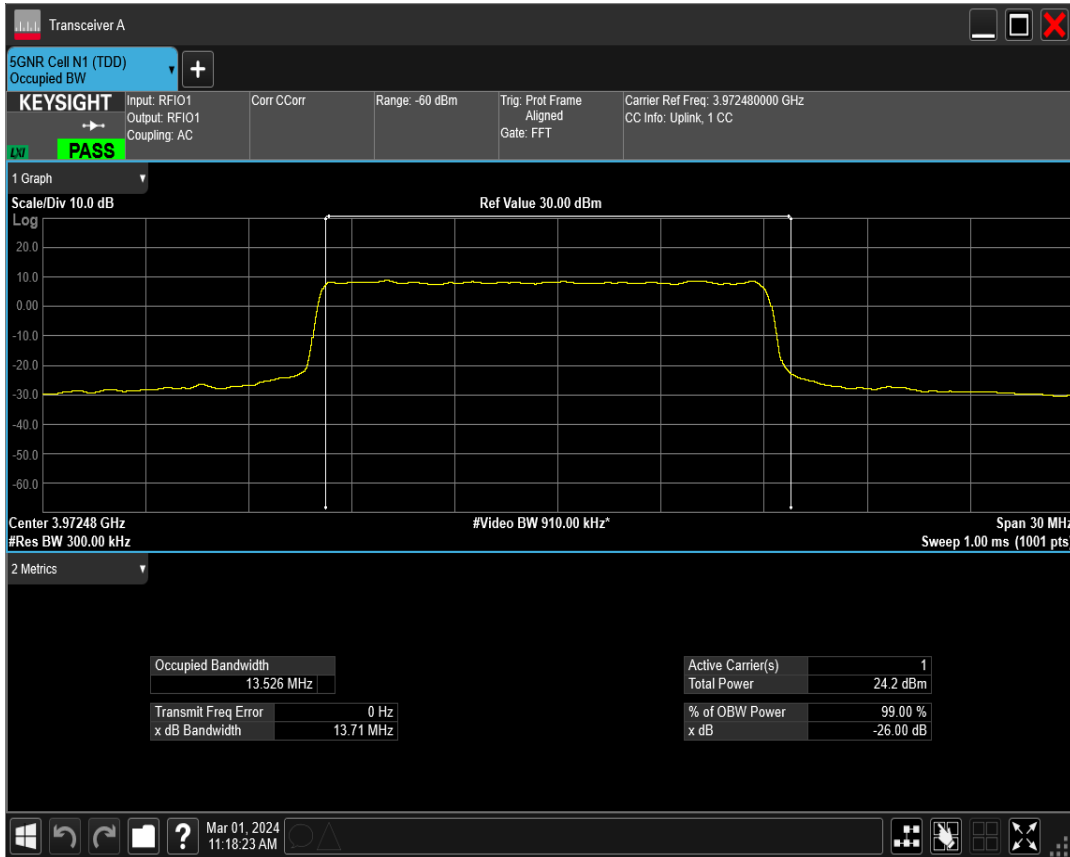
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=15MHz Channel=664832 RB=36@0



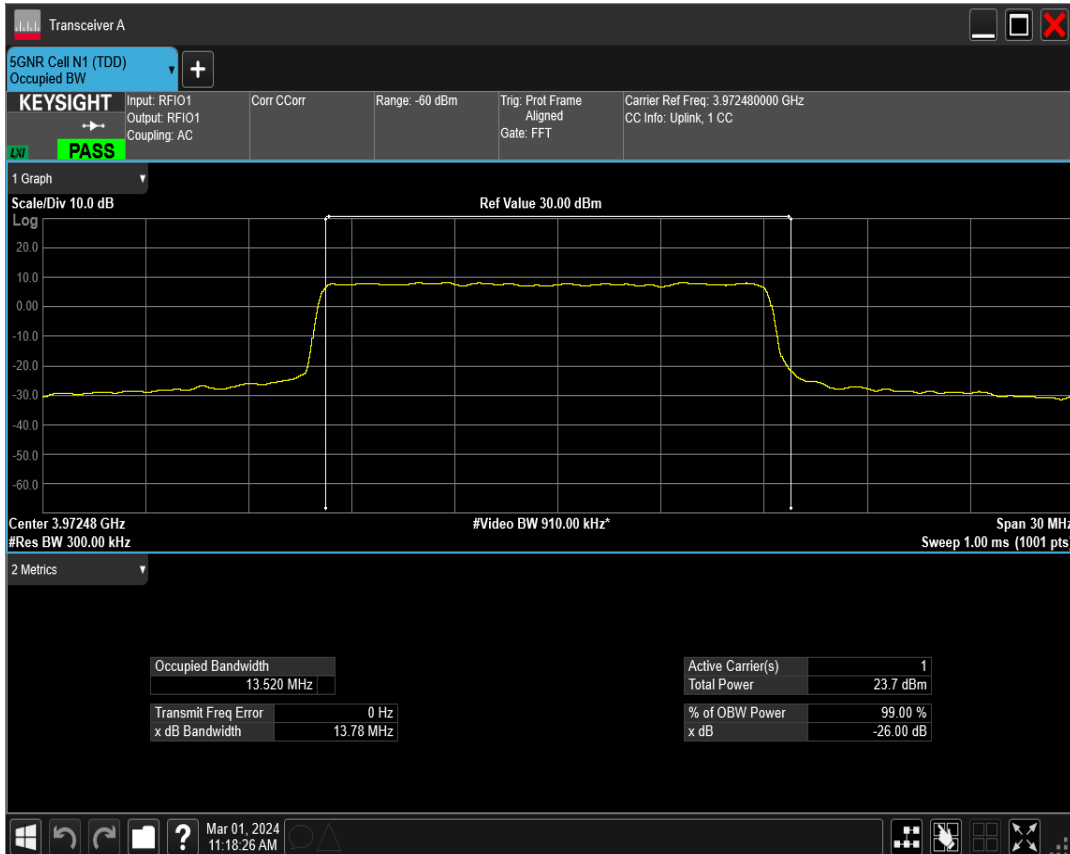
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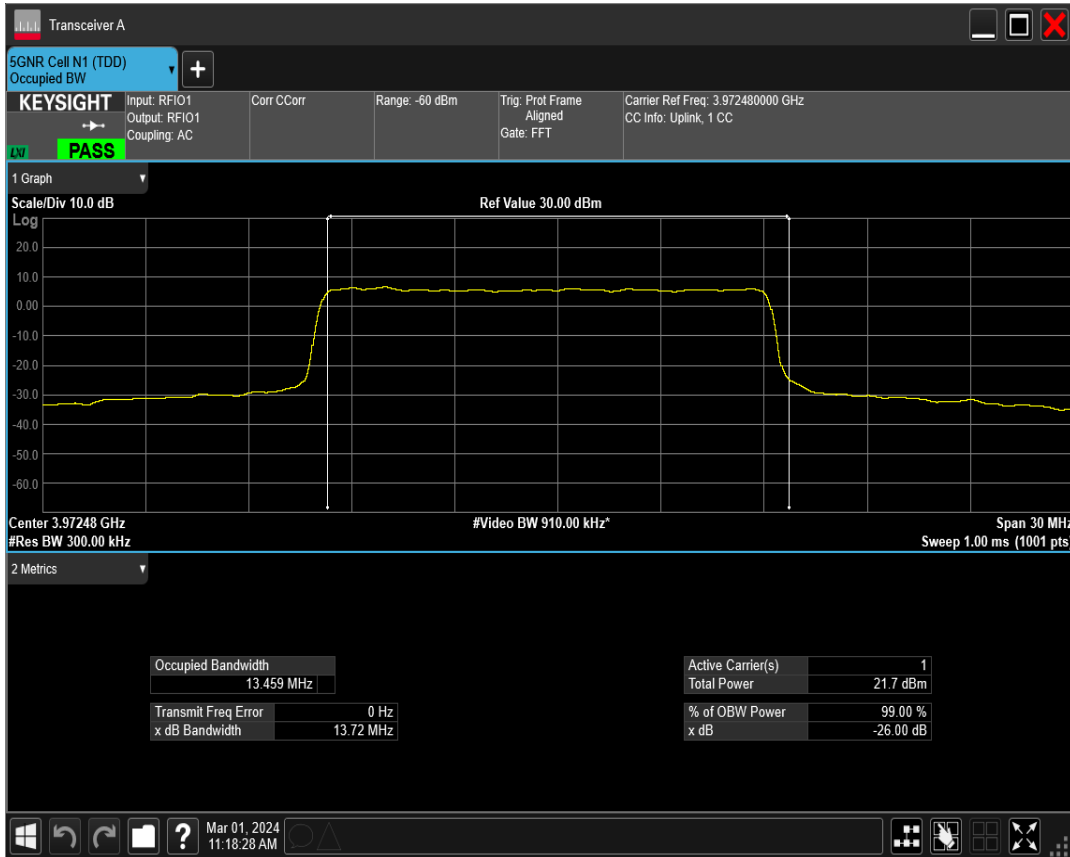
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=15MHz Channel=664832 RB=36@0



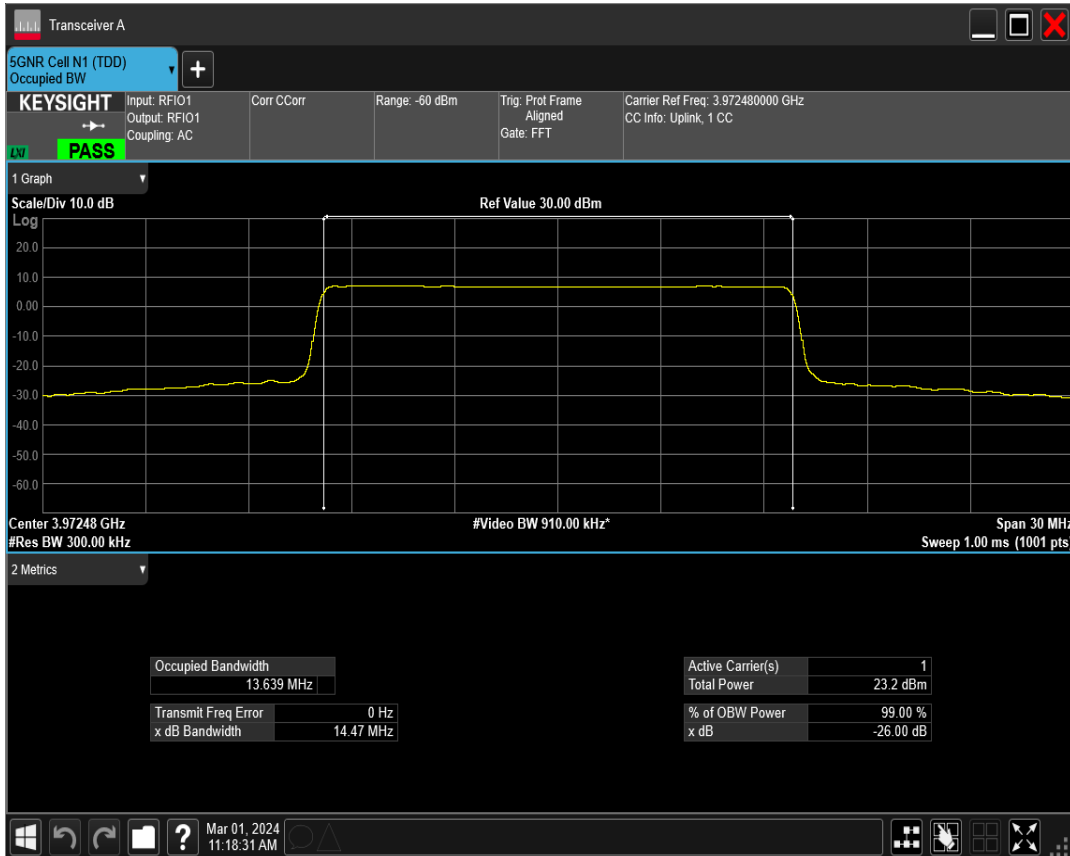
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=15MHz Channel=664832 RB=36@0



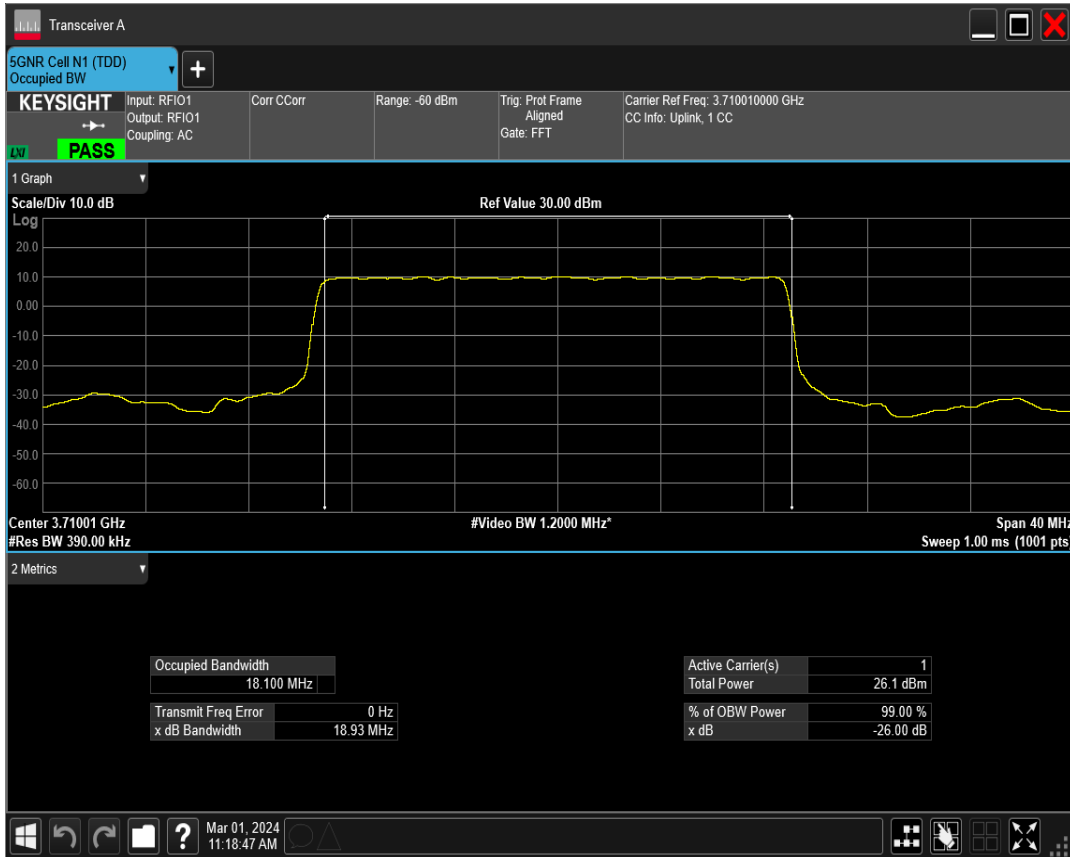
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=15MHz Channel=664832 RB=36@0



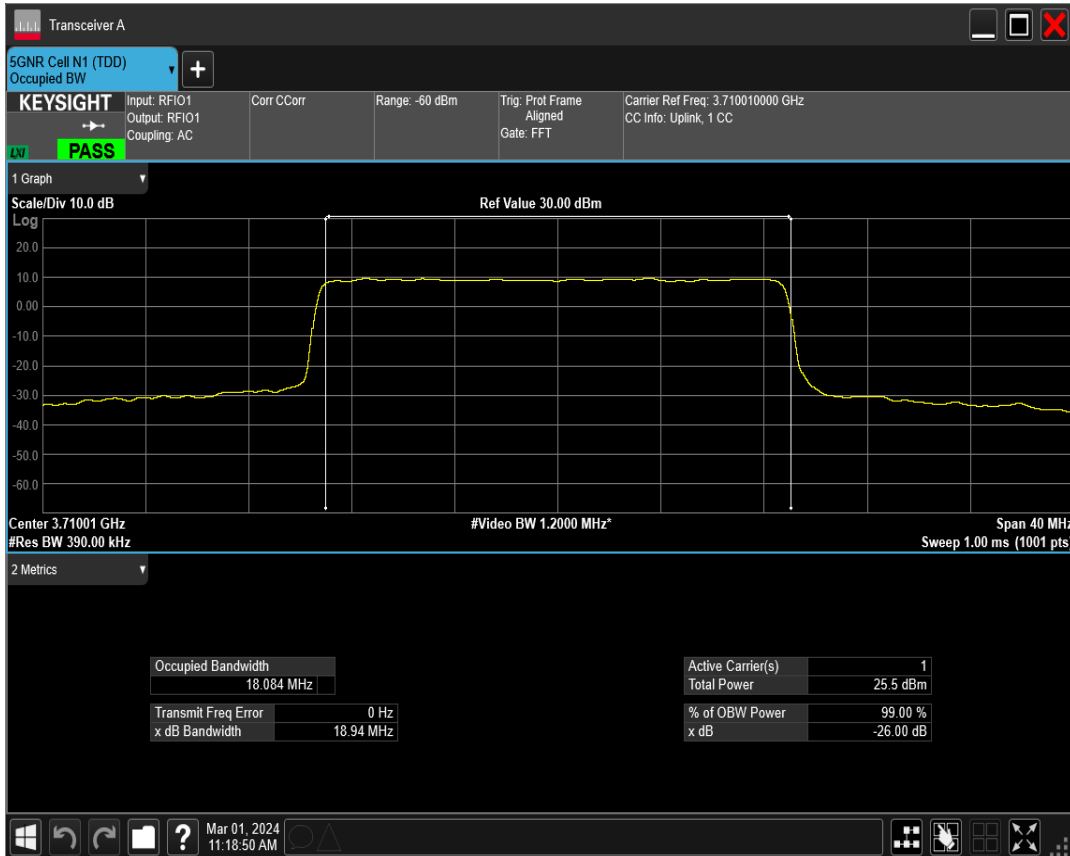
n77(3700-3980) SCS=30kHz CP\_QPSK BW=15MHz Channel=664832 RB=38@0



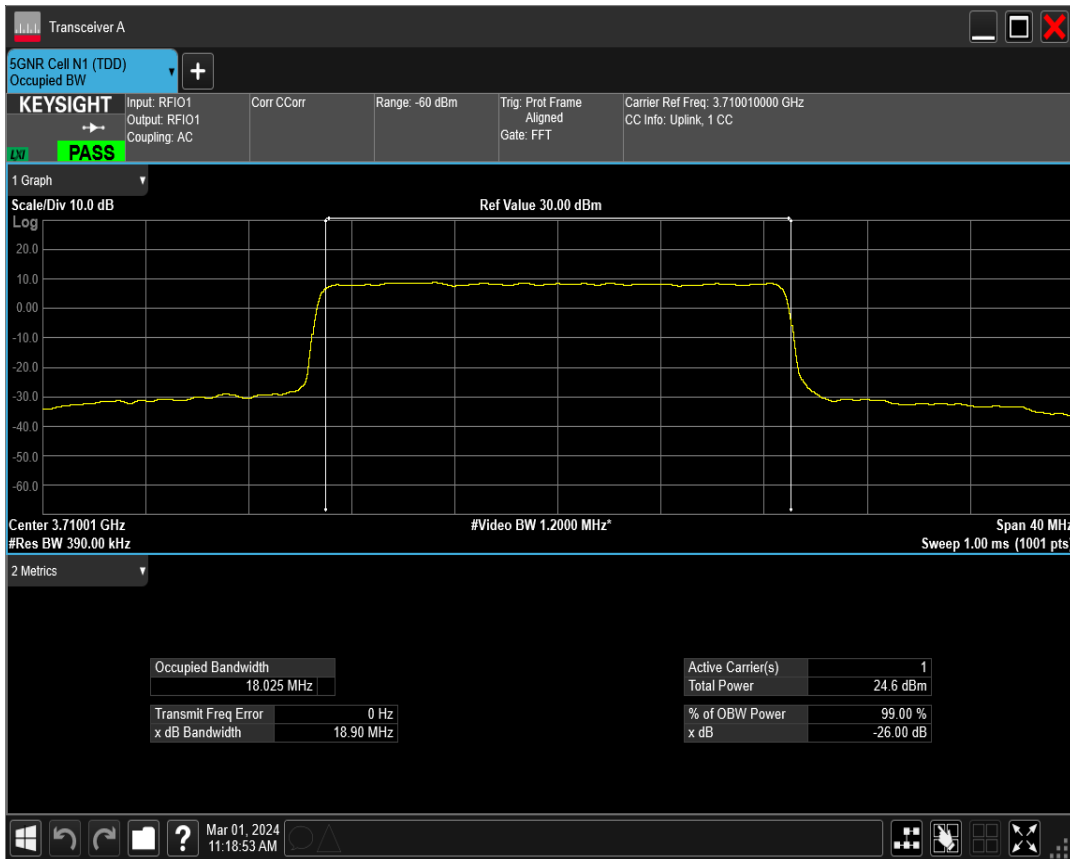
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=20MHz Channel=647334 RB=50@0



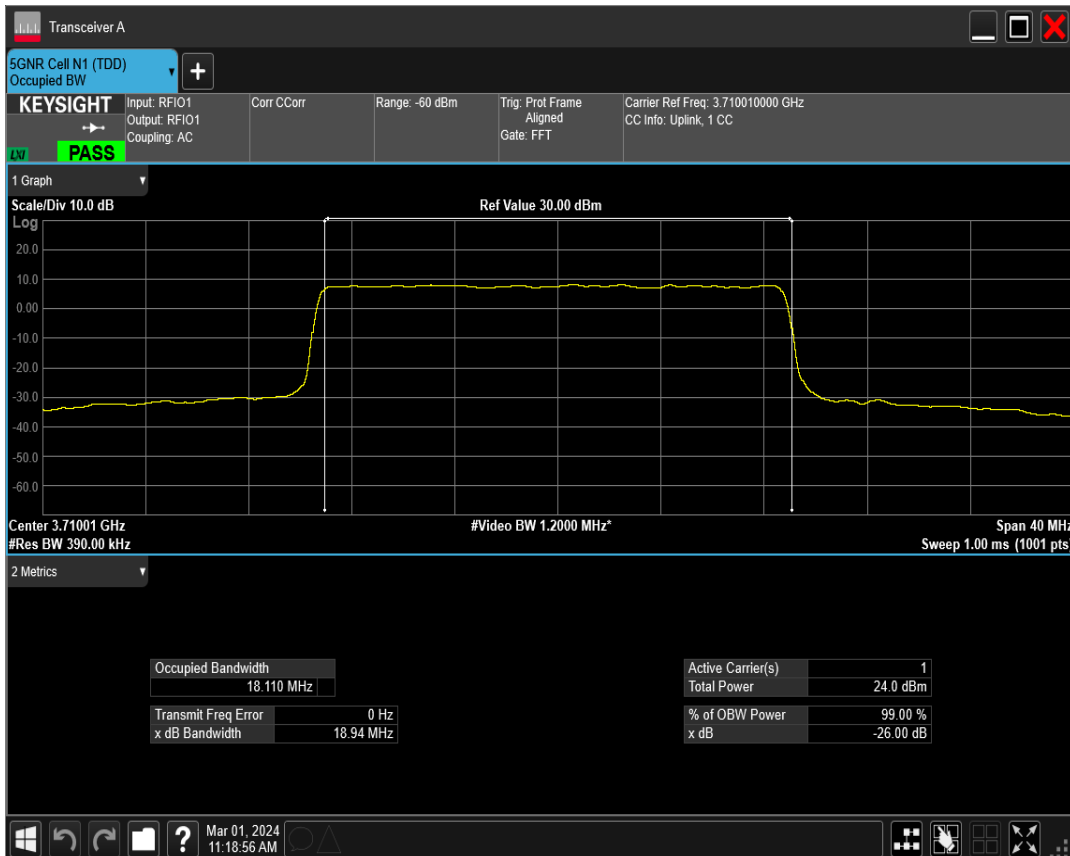
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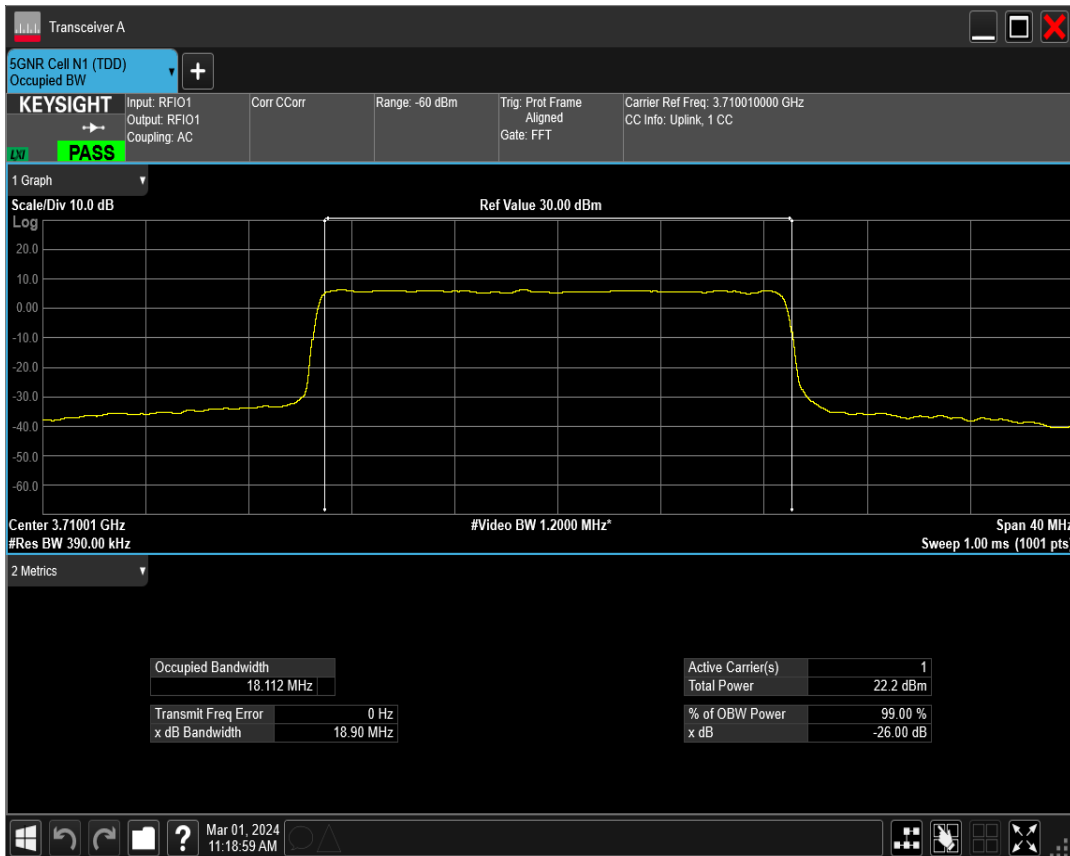
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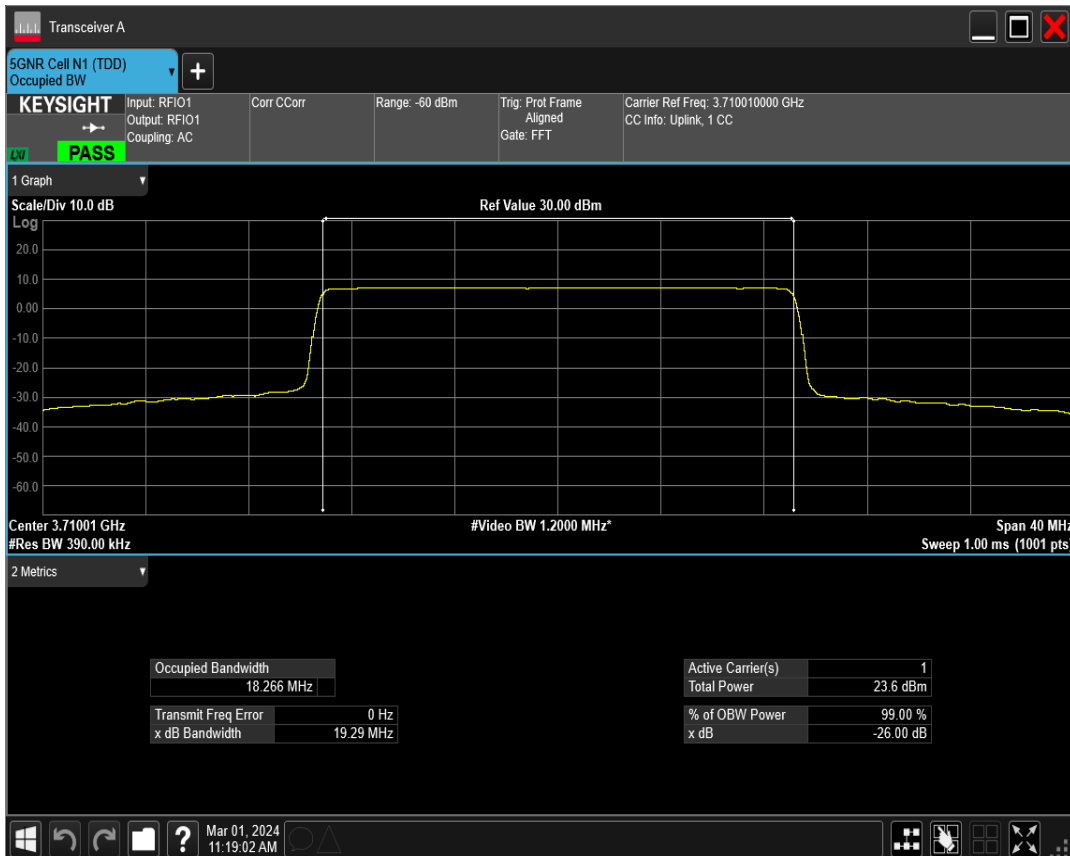
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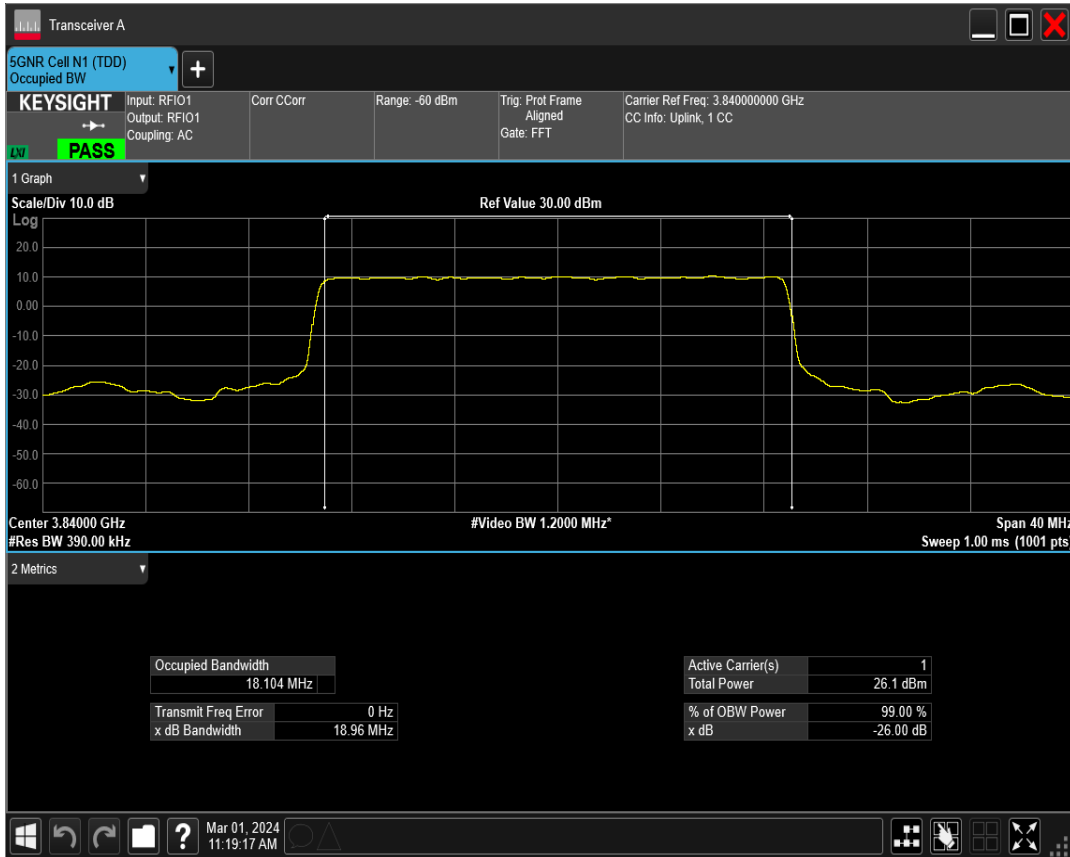
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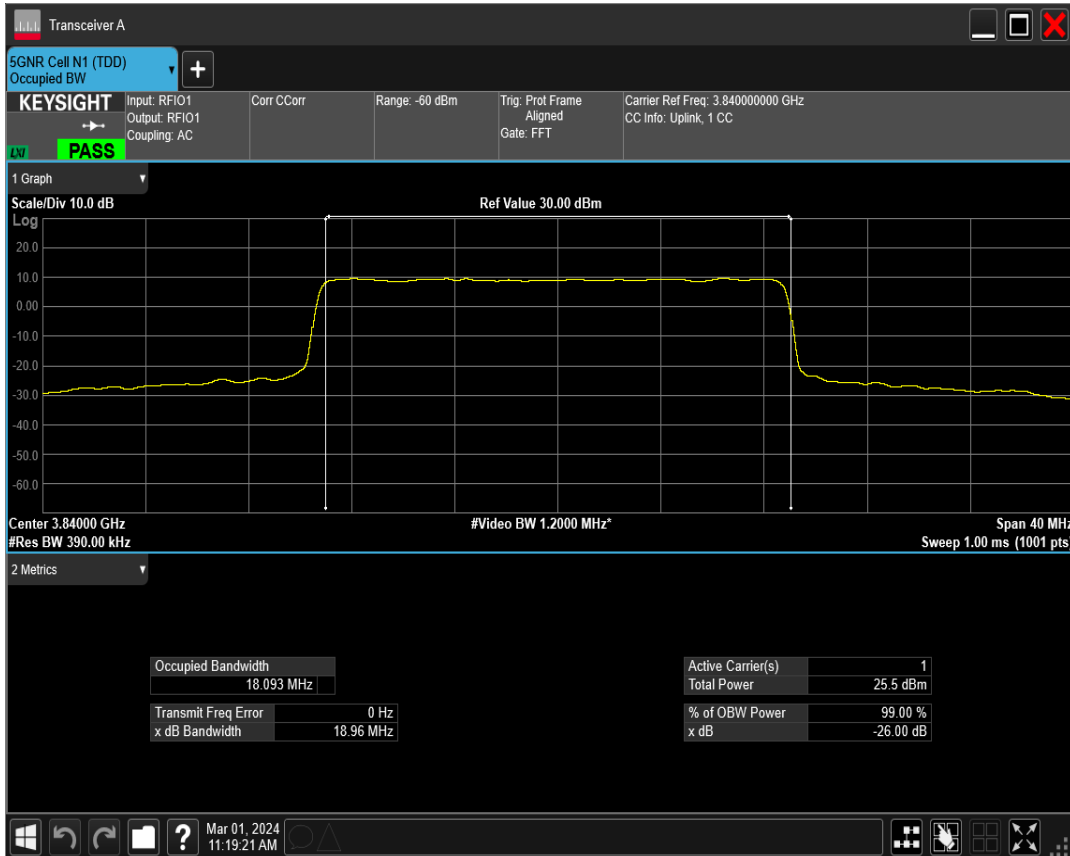
n77(3700-3980) SCS=30kHz CP\_QPSK BW=20MHz Channel=647334 RB=51@0



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

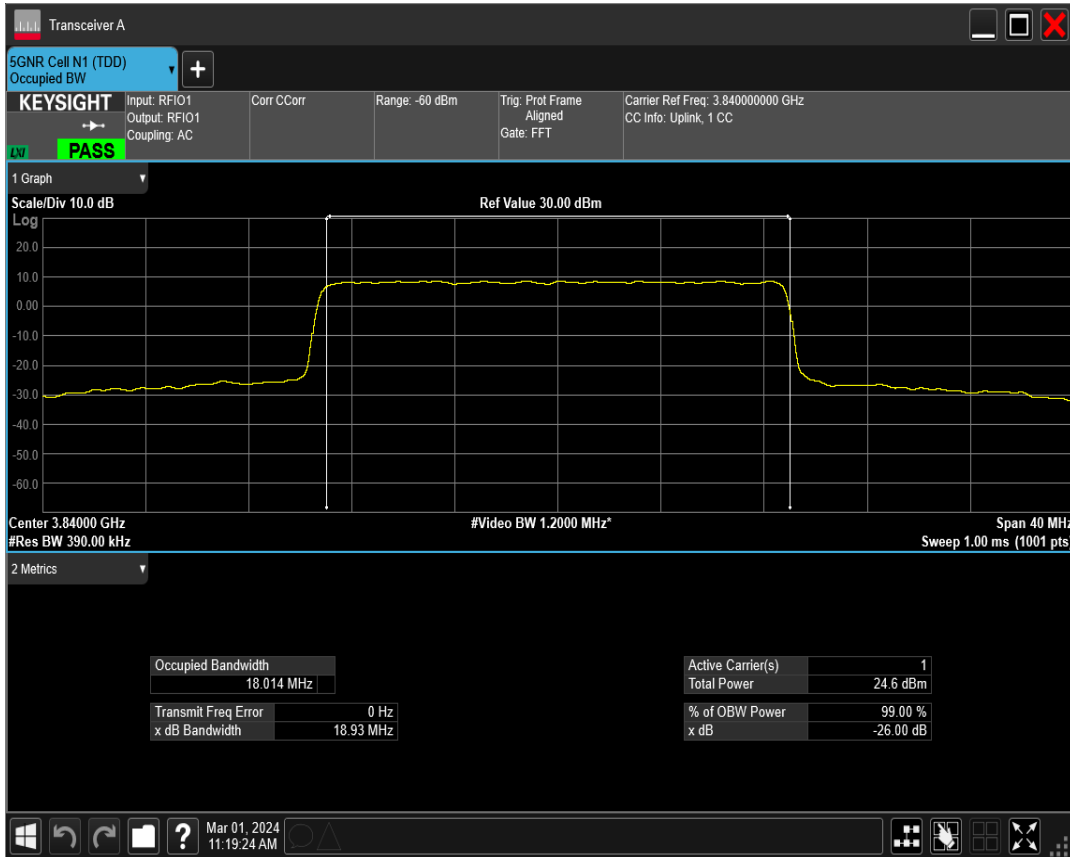


n77(3700-3980) SCS=30kHz DFT\_QPSK BW=20MHz Channel=656000 RB=50@0

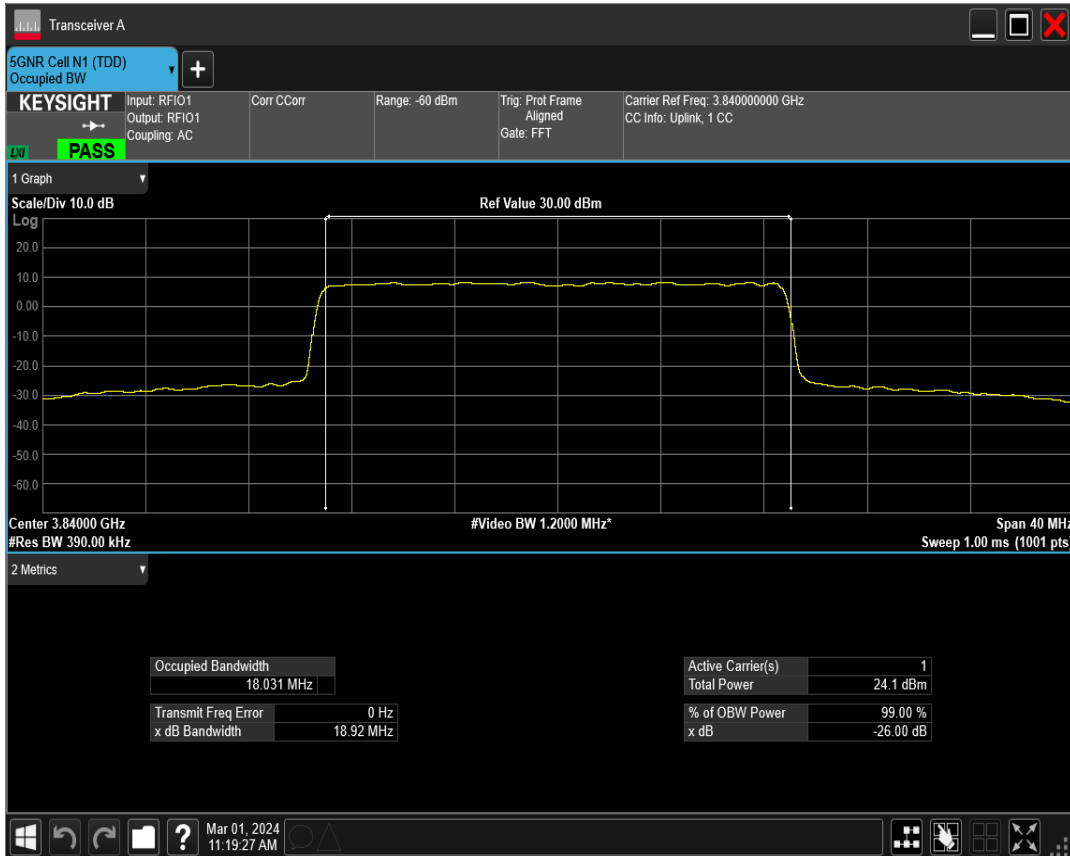




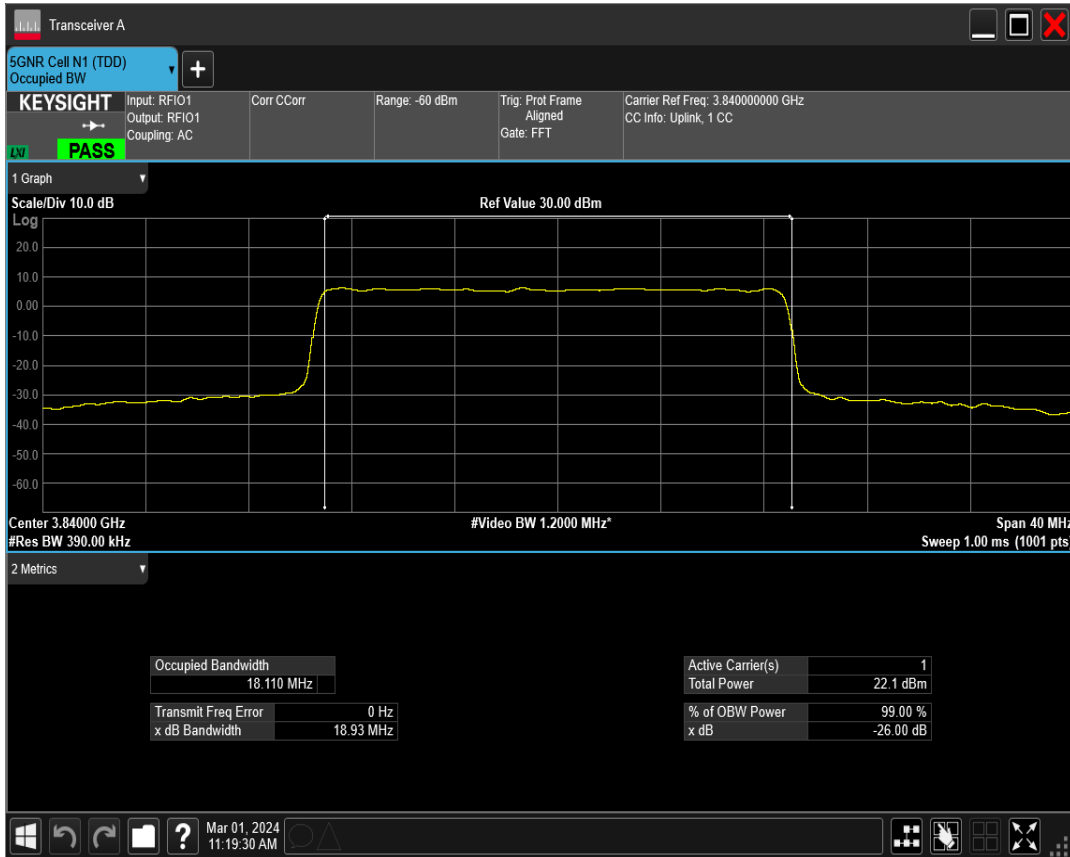
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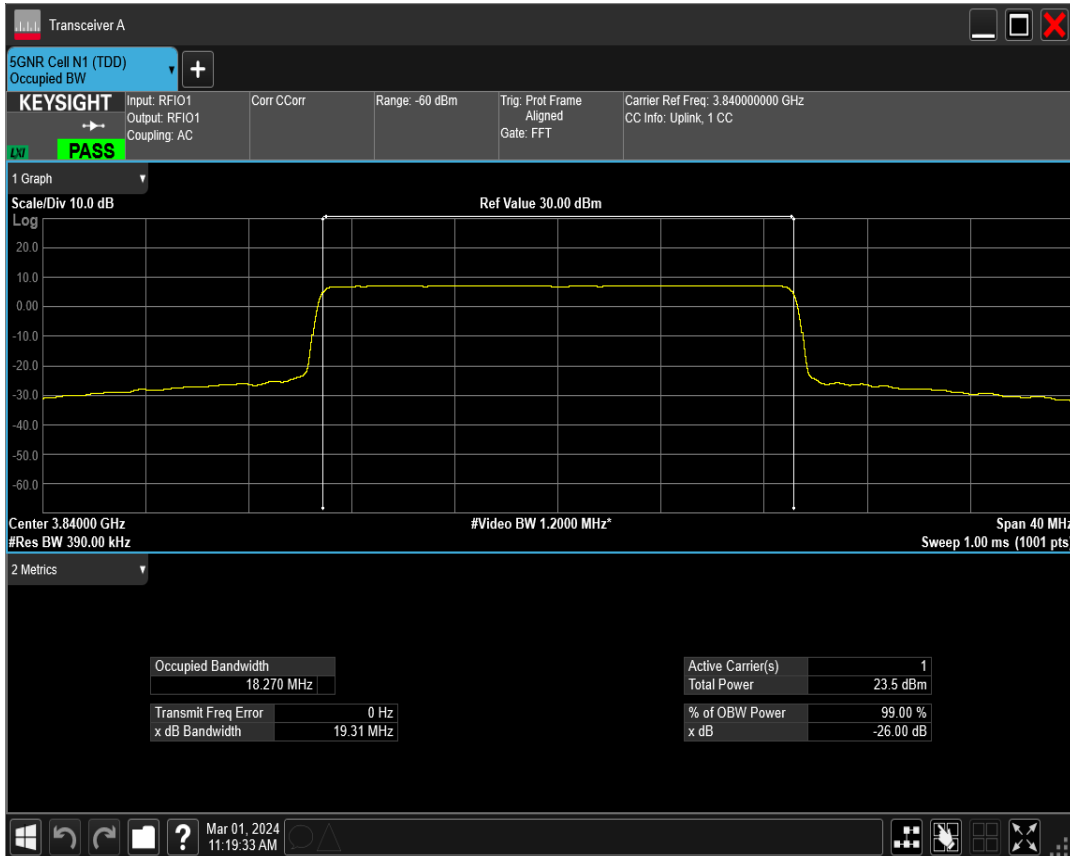
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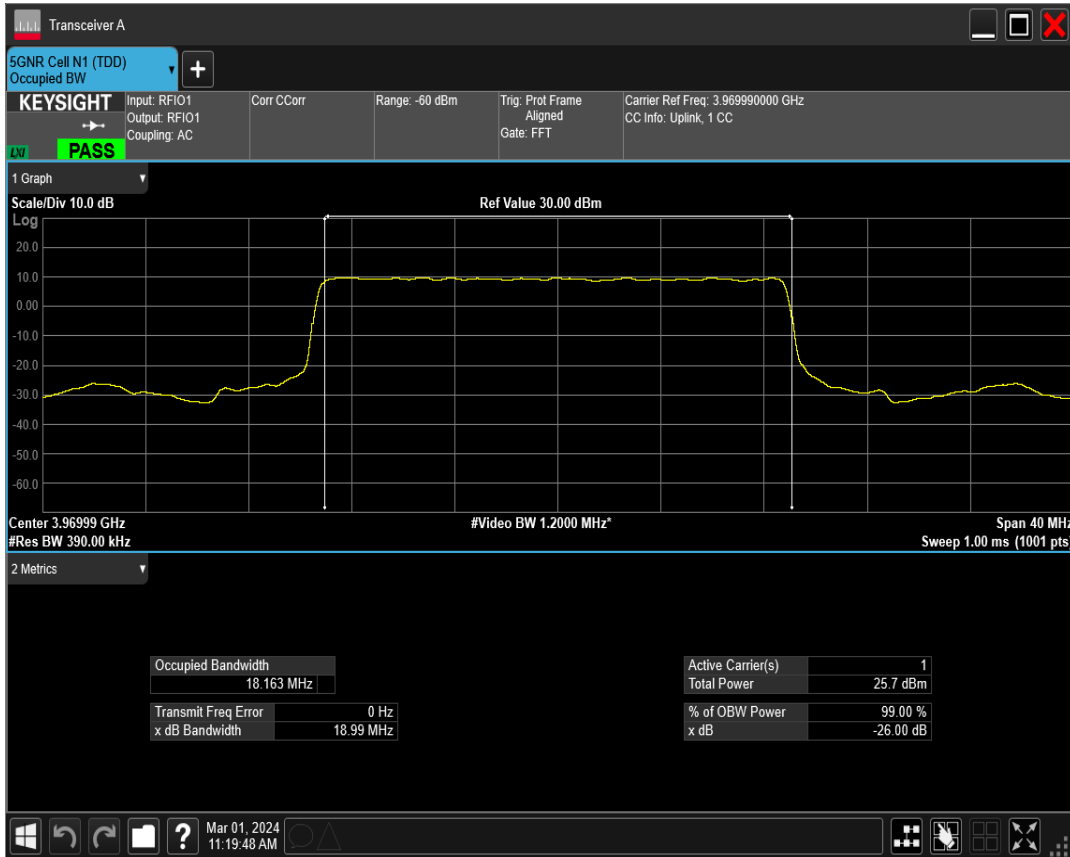
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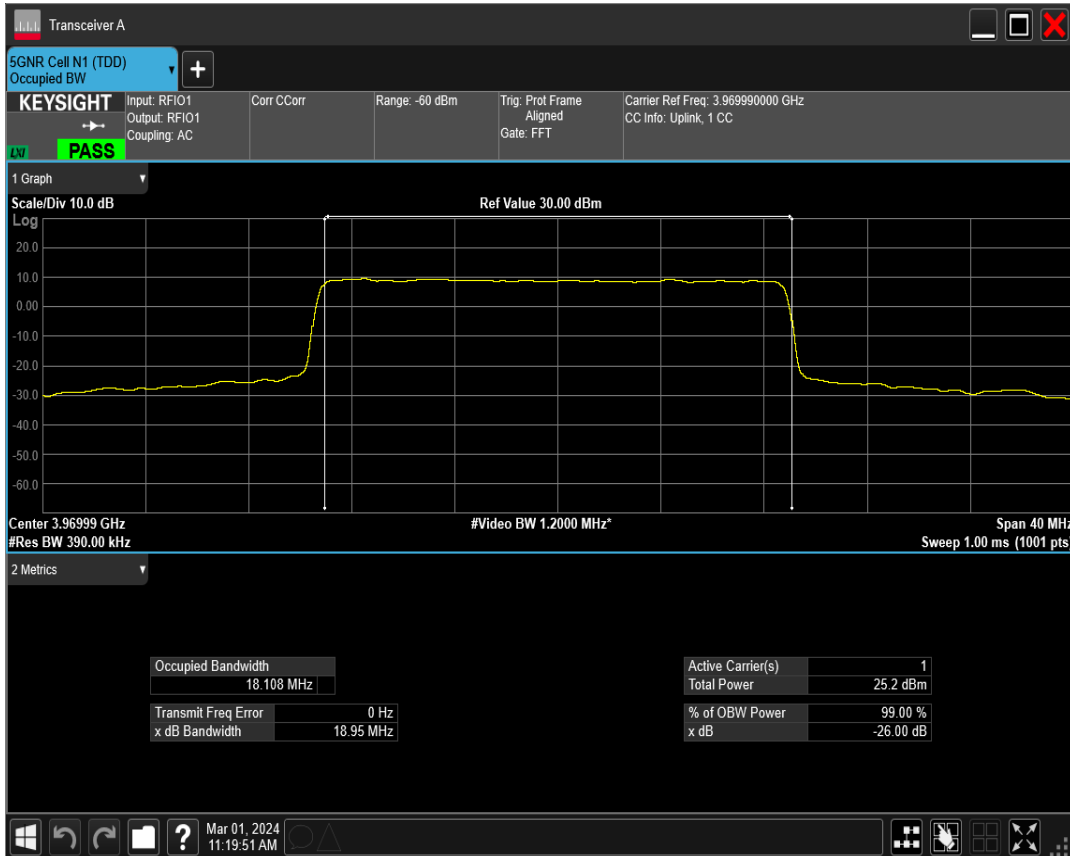
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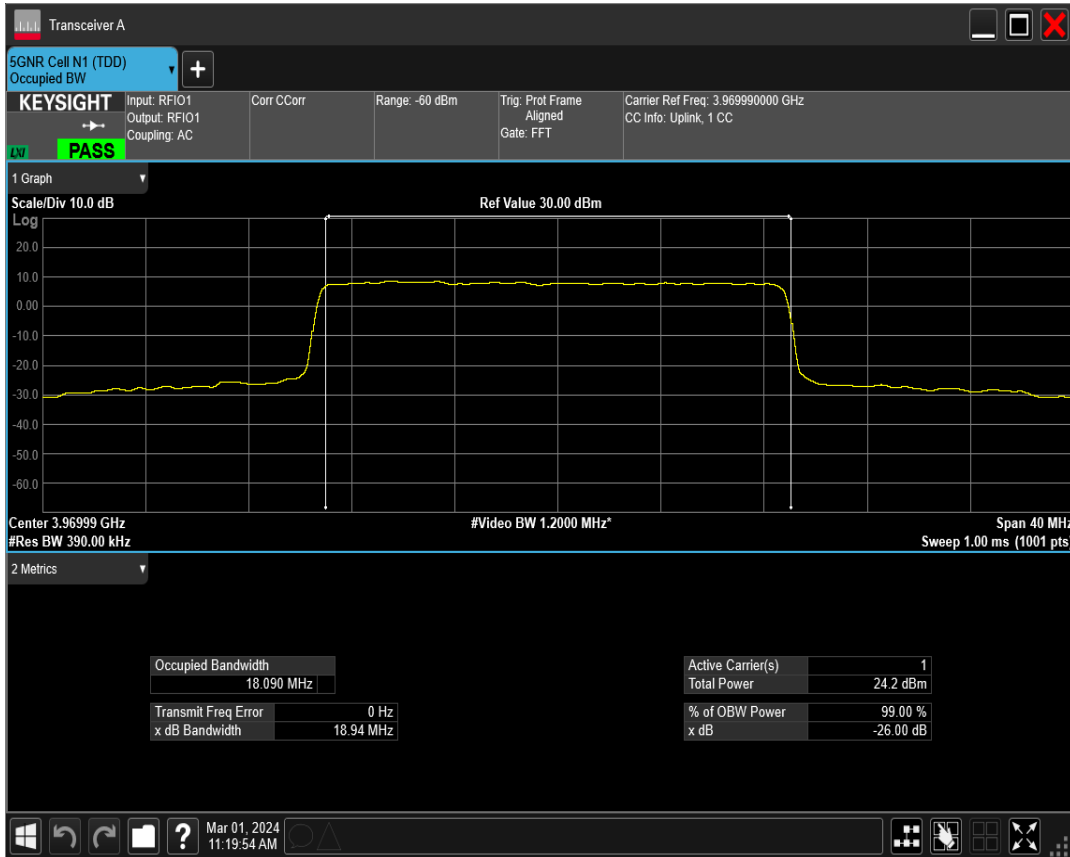
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=20MHz Channel=664666 RB=50@0



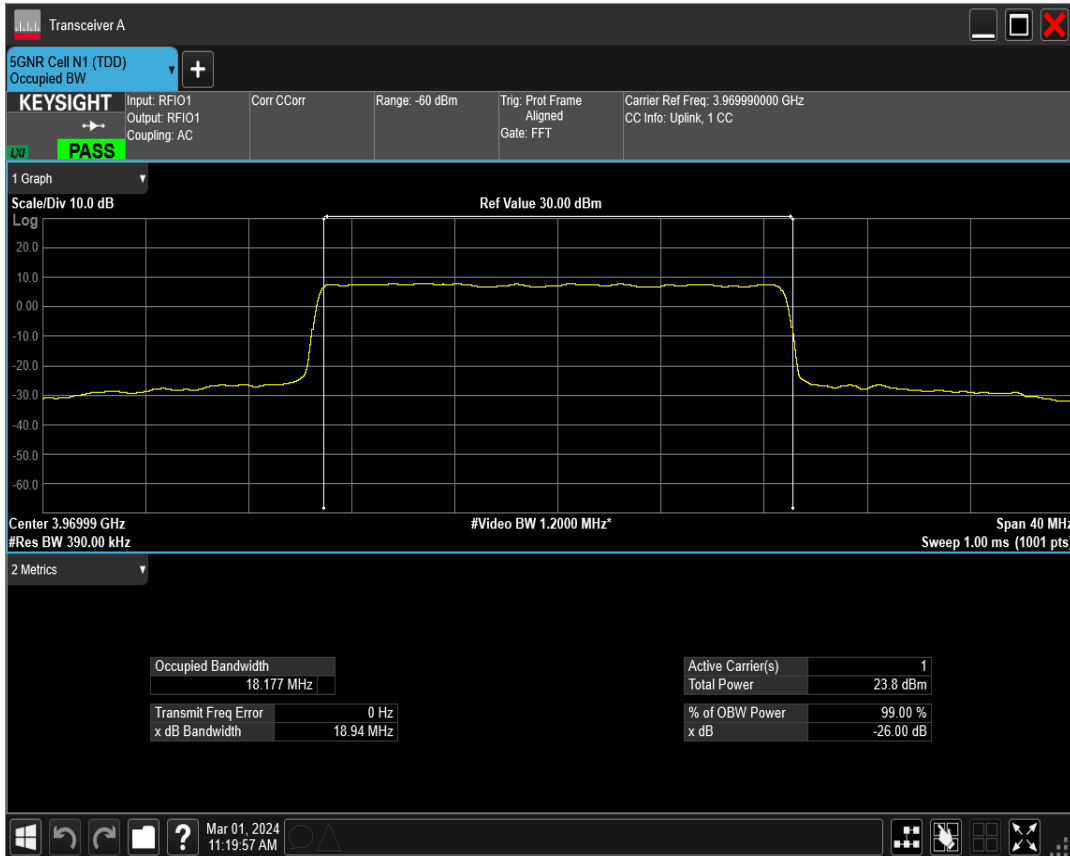
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=20MHz Channel=664666 RB=50@0



n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=20MHz Channel=664666 RB=50@0



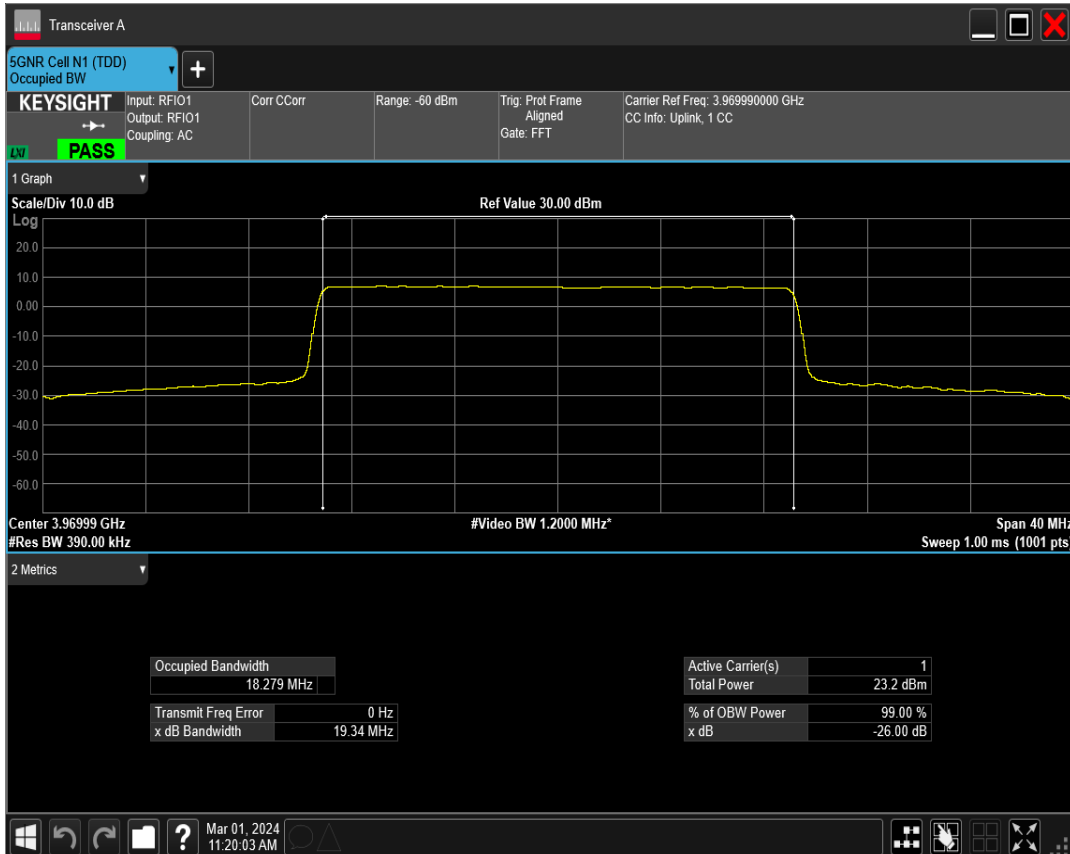
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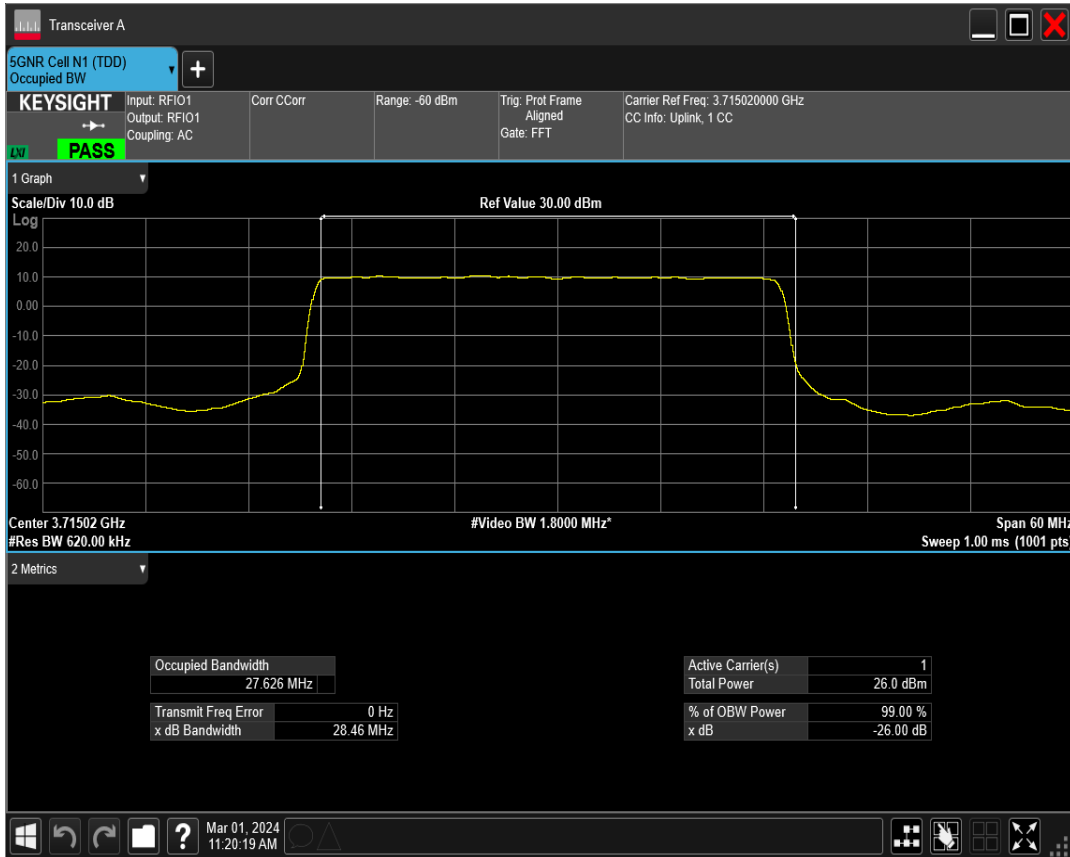
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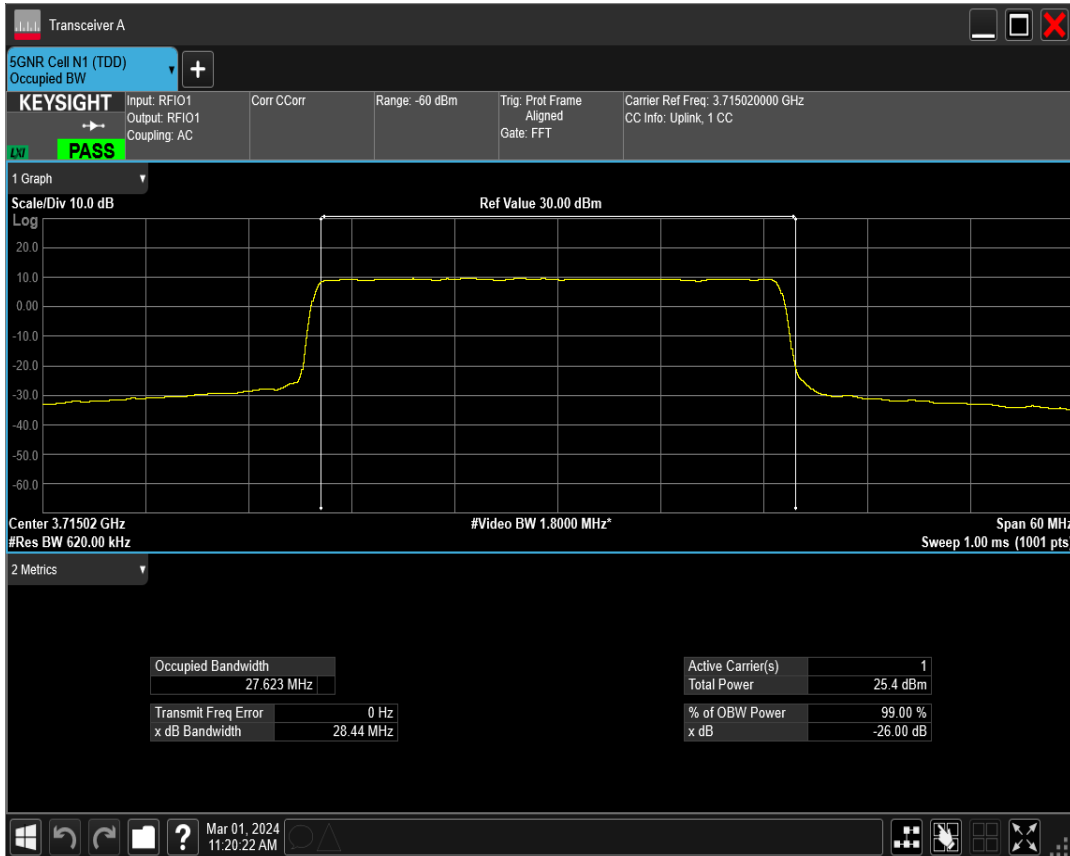
n77(3700-3980) SCS=30kHz CP\_QPSK BW=20MHz Channel=664666 RB=51@0



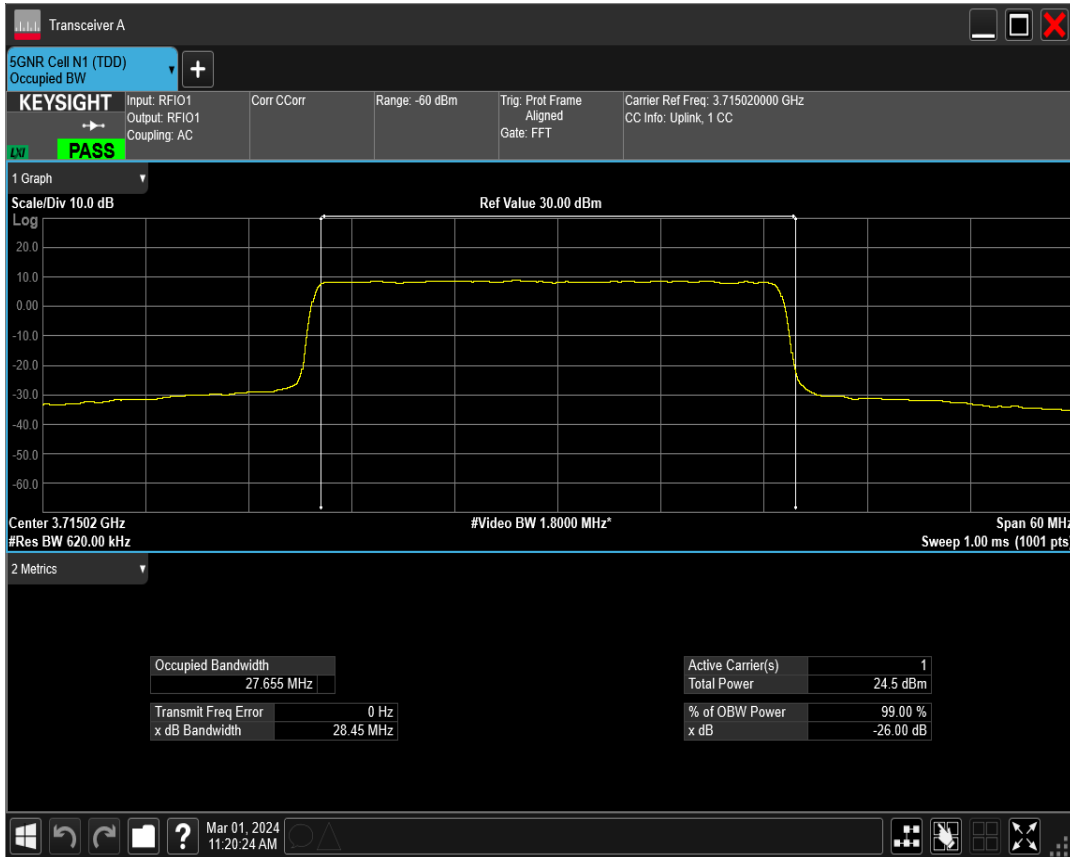
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=30MHz Channel=647668 RB=75@0



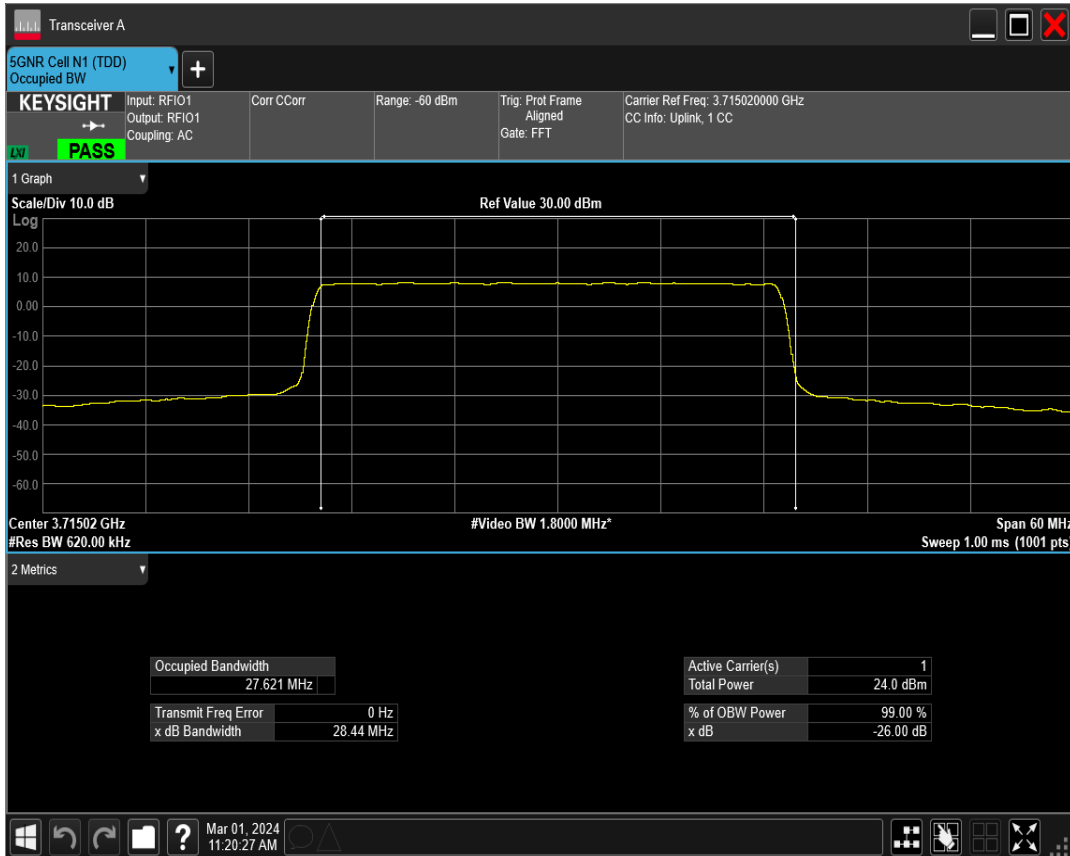
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=30MHz Channel=647668 RB=75@0



n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=30MHz Channel=647668 RB=75 @0



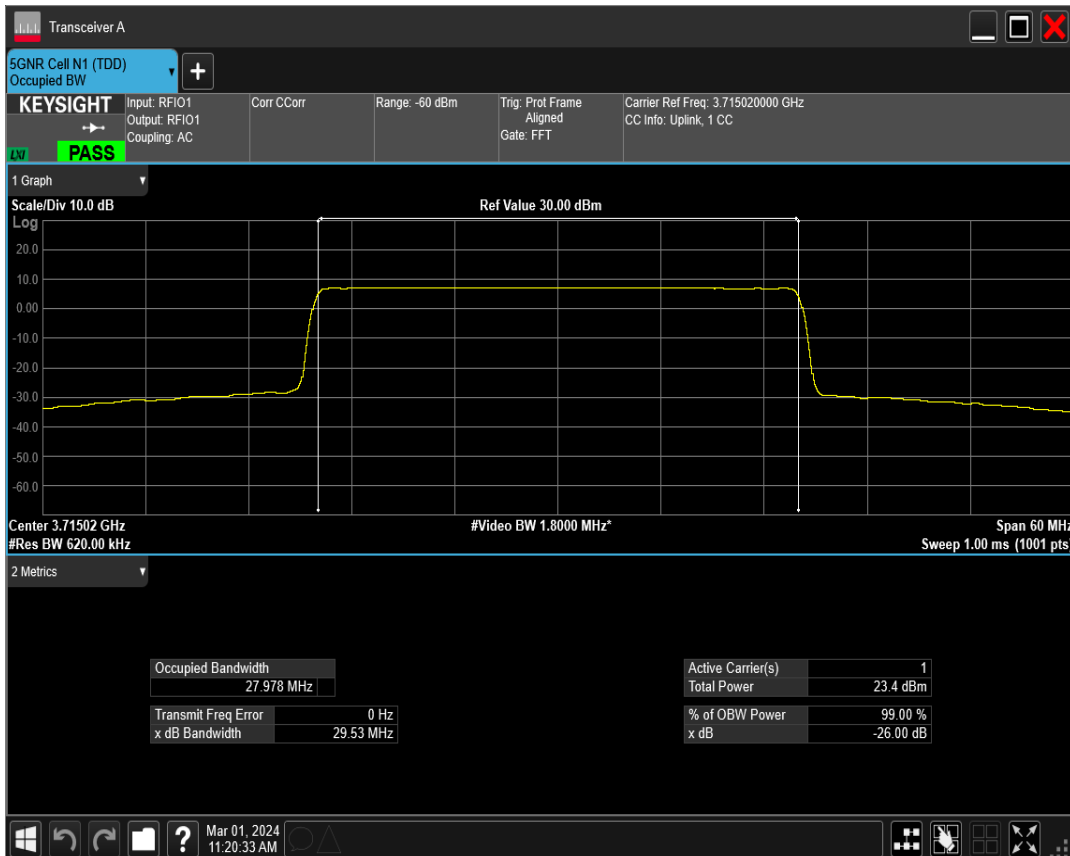
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=647668 RB=75 @0



n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=30MHz Channel=647668 RB=75@0

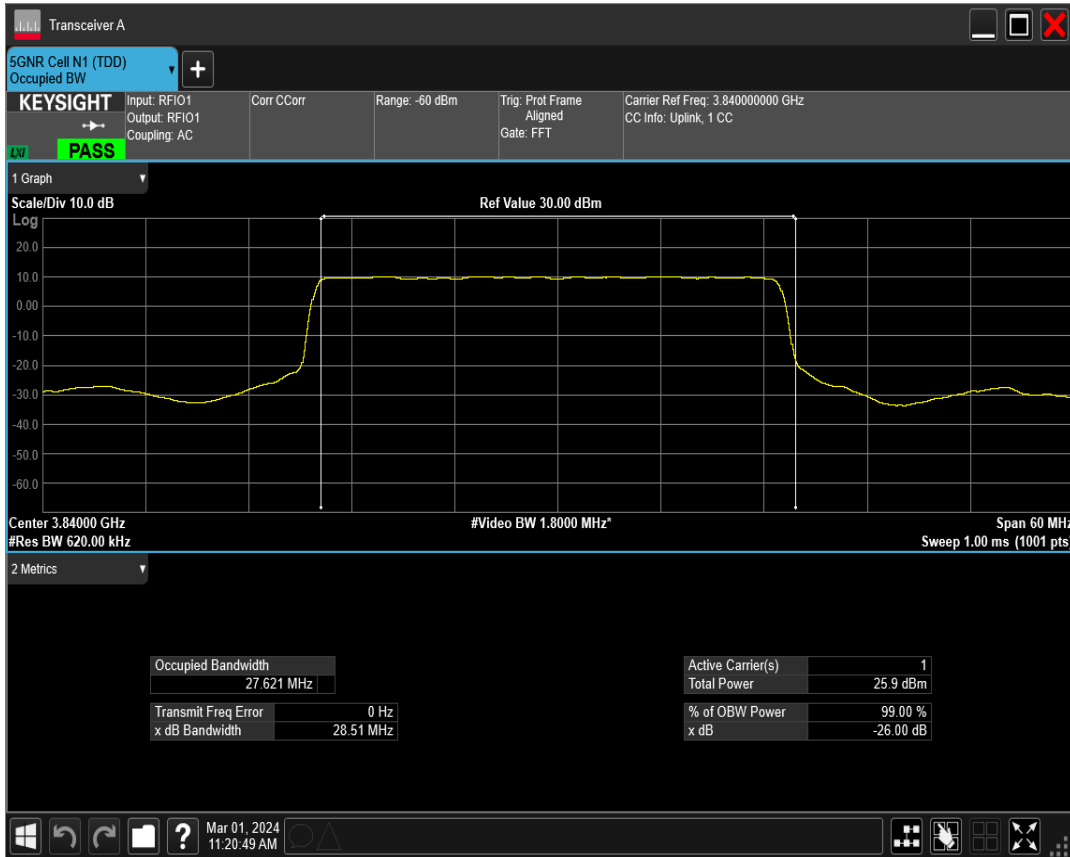


n77(3700-3980) SCS=30kHz CP\_QPSK BW=30MHz Channel=647668 RB=78@0

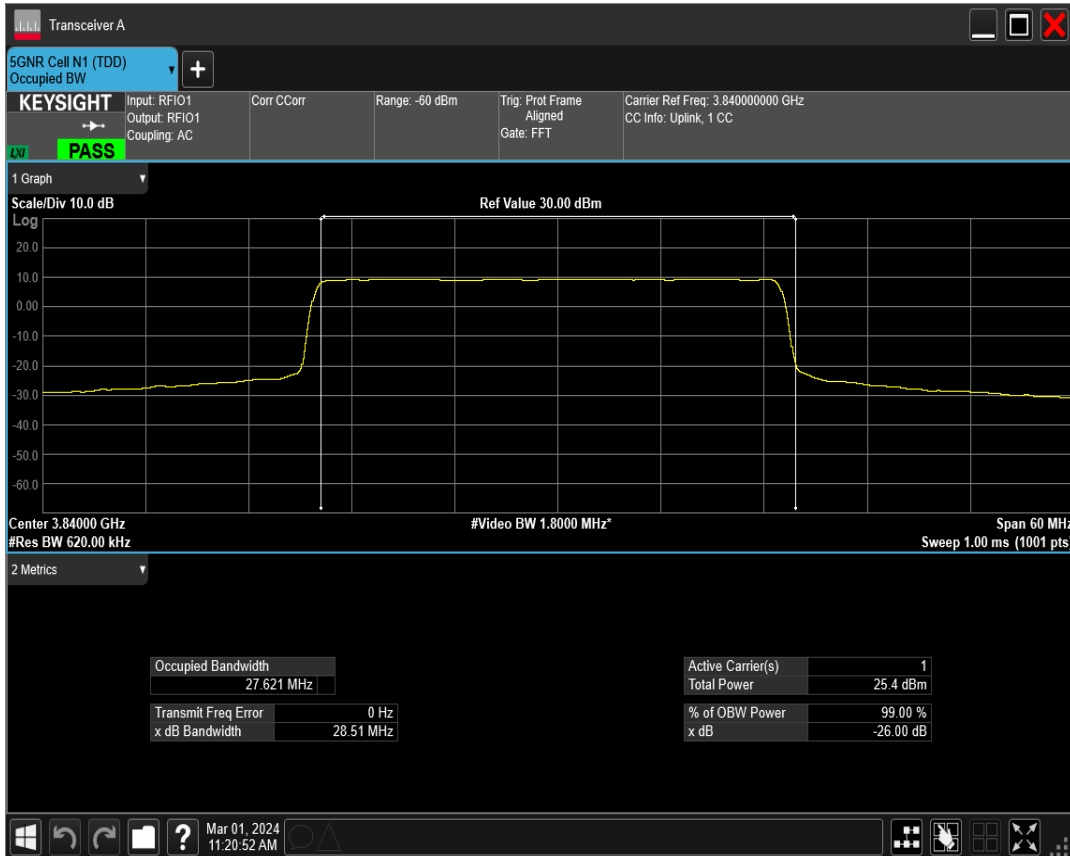




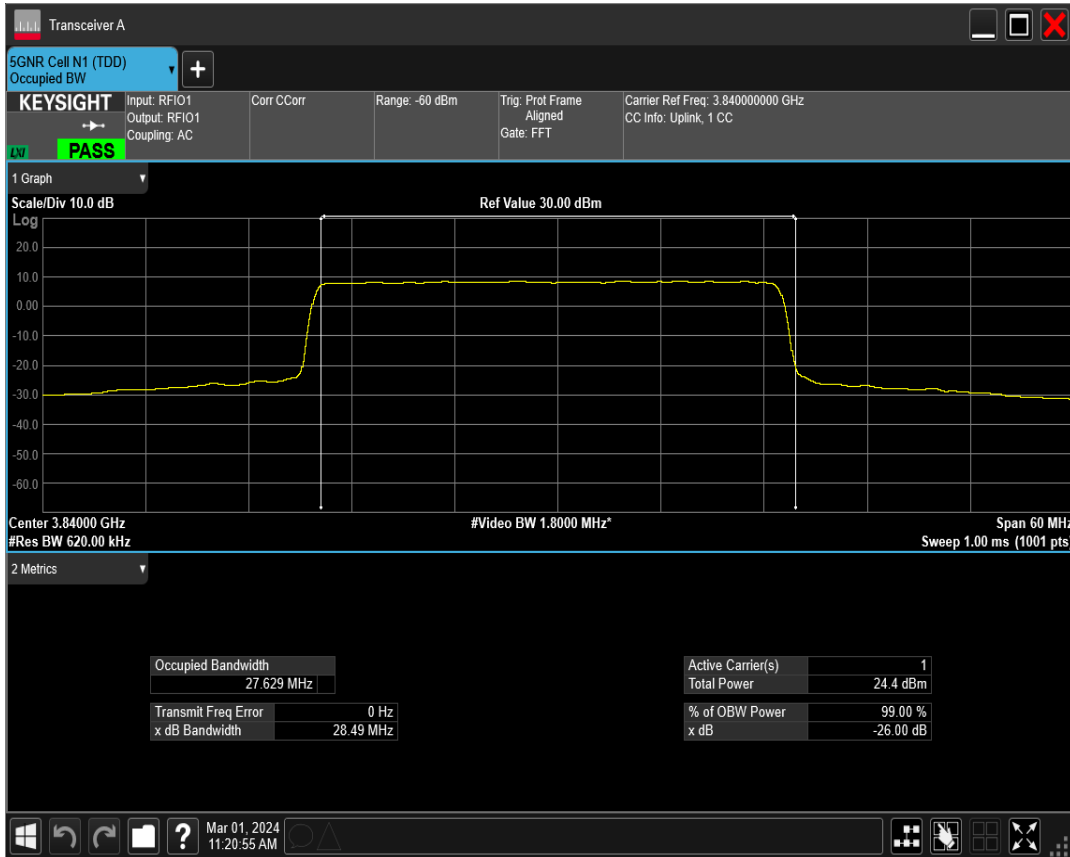
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=30MHz Channel=656000 RB=75@0



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

