

1. Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)	high Limit (dBm)	Verdict
n77(3700-3980)	30	10	647000	12@6	DFT_BPSK	24.17	24.97	33	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	24.10	24.9	33	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	24.25	25.05	33	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	24.19	24.99	33	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	24.00	24.8	33	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	24.16	24.96	33	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM16	23.28	24.08	33	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM16	23.20	24	33	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM16	23.57	24.37	33	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM64	21.54	22.34	33	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM64	22.01	22.81	33	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM64	21.85	22.65	33	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM256	19.88	20.68	33	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM256	19.54	20.34	33	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM256	20.15	20.95	33	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	22.66	23.46	33	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	22.59	23.39	33	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	22.67	23.47	33	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM16	22.14	22.94	33	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM16	22.31	23.11	33	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM16	22.33	23.13	33	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM64	20.91	21.71	33	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM64	21.12	21.92	33	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM64	21.21	22.01	33	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM256	17.92	18.72	33	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM256	17.53	18.33	33	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM256	17.62	18.42	33	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	23.53	24.33	33	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	23.66	24.46	33	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	23.36	24.16	33	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	23.61	24.41	33	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	23.60	24.4	33	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	23.27	24.07	33	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM16	22.66	23.46	33	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM16	22.97	23.77	33	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM16	22.80	23.6	33	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM64	20.99	21.79	33	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM64	21.20	22	33	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM64	21.31	22.11	33	PASS

n77(3700-3980)	30	10	656000	12@6	DFT_QAM256	19.36	20.16	33	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM256	19.70	20.5	33	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM256	19.45	20.25	33	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	22.17	22.97	33	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	22.17	22.97	33	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	21.95	22.75	33	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM16	21.66	22.46	33	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM16	21.79	22.59	33	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM16	21.40	22.2	33	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM64	20.24	21.04	33	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM64	20.65	21.45	33	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM64	20.40	21.2	33	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM256	17.39	18.19	33	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM256	17.08	17.88	33	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM256	16.90	17.7	33	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	23.01	23.81	33	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	22.90	23.7	33	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	23.10	23.9	33	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	22.99	23.79	33	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	22.70	23.5	33	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	23.01	23.81	33	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM16	22.05	22.85	33	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM16	21.72	22.52	33	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM16	21.94	22.74	33	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM64	20.33	21.13	33	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM64	20.33	21.13	33	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM64	20.56	21.36	33	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM256	18.62	19.42	33	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM256	18.30	19.1	33	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM256	18.51	19.31	33	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	21.49	22.29	33	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	21.35	22.15	33	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	21.45	22.25	33	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM16	20.86	21.66	33	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM16	20.90	21.7	33	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM16	21.21	22.01	33	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM64	19.44	20.24	33	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM64	19.37	20.17	33	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM64	19.66	20.46	33	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM256	16.70	17.5	33	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM256	16.32	17.12	33	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM256	16.48	17.28	33	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	24.23	25.03	33	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	24.00	24.8	33	PASS

n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	24.22	25.02	33	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	24.24	25.04	33	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	23.97	24.77	33	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	24.13	24.93	33	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM16	23.23	24.03	33	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM16	23.50	24.3	33	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM16	23.75	24.55	33	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM64	21.67	22.47	33	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM64	22.04	22.84	33	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM64	21.90	22.7	33	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM256	19.95	20.75	33	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM256	19.61	20.41	33	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM256	20.15	20.95	33	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	22.73	23.53	33	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	22.60	23.4	33	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	22.75	23.55	33	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM16	22.33	23.13	33	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM16	22.27	23.07	33	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM16	22.44	23.24	33	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM64	20.80	21.6	33	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM64	21.11	21.91	33	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM64	21.25	22.05	33	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM256	17.90	18.7	33	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM256	17.93	18.73	33	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM256	18.11	18.91	33	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	23.61	24.41	33	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	23.68	24.48	33	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	23.32	24.12	33	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	23.65	24.45	33	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	23.61	24.41	33	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	23.30	24.1	33	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM16	22.57	23.37	33	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM16	23.06	23.86	33	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM16	22.69	23.49	33	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM64	21.07	21.87	33	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM64	21.63	22.43	33	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM64	21.28	22.08	33	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM256	19.37	20.17	33	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM256	19.20	20	33	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM256	18.83	19.63	33	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	22.13	22.93	33	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	22.05	22.85	33	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QPSK	21.72	22.52	33	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM16	21.52	22.32	33	PASS

n77(3700-3980)	30	15	656000	1@1	CP_QAM16	21.83	22.63	33	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM16	21.51	22.31	33	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM64	20.17	20.97	33	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM64	20.79	21.59	33	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM64	20.38	21.18	33	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM256	17.20	18	33	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM256	17.65	18.45	33	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM256	16.77	17.57	33	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	22.88	23.68	33	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	22.77	23.57	33	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	23.10	23.9	33	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	22.95	23.75	33	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	22.67	23.47	33	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	23.06	23.86	33	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM16	21.90	22.7	33	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM16	21.89	22.69	33	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM16	22.15	22.95	33	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM64	20.32	21.12	33	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM64	20.69	21.49	33	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM64	20.63	21.43	33	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM256	18.61	19.41	33	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM256	18.79	19.59	33	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM256	19.04	19.84	33	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	21.43	22.23	33	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	21.34	22.14	33	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	21.44	22.24	33	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM16	20.97	21.77	33	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM16	20.88	21.68	33	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM16	21.01	21.81	33	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM64	19.39	20.19	33	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM64	19.75	20.55	33	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM64	19.99	20.79	33	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM256	16.51	17.31	33	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM256	16.66	17.46	33	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM256	16.37	17.17	33	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	24.24	25.04	33	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	24.02	24.82	33	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	24.37	25.17	33	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	24.30	25.1	33	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	23.92	24.72	33	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	24.20	25	33	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM16	23.33	24.13	33	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM16	23.38	24.18	33	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM16	23.39	24.19	33	PASS

n77(3700-3980)	30	20	647334	25@12	DFT_QAM64	21.86	22.66	33	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM64	21.55	22.35	33	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM64	21.80	22.6	33	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM256	19.91	20.71	33	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM256	20.02	20.82	33	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM256	20.36	21.16	33	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	22.79	23.59	33	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	22.44	23.24	33	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	22.75	23.55	33	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM16	22.32	23.12	33	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM16	22.11	22.91	33	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM16	22.42	23.22	33	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM64	20.84	21.64	33	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM64	20.58	21.38	33	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM64	21.32	22.12	33	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM256	17.83	18.63	33	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM256	17.73	18.53	33	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM256	17.73	18.53	33	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	23.64	24.44	33	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	23.66	24.46	33	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	23.26	24.06	33	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	23.59	24.39	33	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	23.63	24.43	33	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	23.17	23.97	33	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM16	22.68	23.48	33	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM16	23.00	23.8	33	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM16	22.53	23.33	33	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM64	21.17	21.97	33	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM64	21.19	21.99	33	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM64	20.68	21.48	33	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM256	19.26	20.06	33	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM256	19.78	20.58	33	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM256	19.29	20.09	33	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	22.15	22.95	33	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	22.22	23.02	33	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	21.75	22.55	33	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM16	21.65	22.45	33	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM16	21.83	22.63	33	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM16	21.35	22.15	33	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM64	20.05	20.85	33	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM64	20.26	21.06	33	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM64	19.76	20.56	33	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM256	17.21	18.01	33	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM256	17.11	17.91	33	PASS

n77(3700-3980)	30	20	656000	1@49	CP_QAM256	16.90	17.7	33	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	22.92	23.72	33	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	22.99	23.79	33	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	22.94	23.74	33	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	22.88	23.68	33	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	22.79	23.59	33	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	22.94	23.74	33	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM16	21.90	22.7	33	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM16	22.19	22.99	33	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM16	22.32	23.12	33	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM64	20.38	21.18	33	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM64	20.37	21.17	33	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM64	20.92	21.72	33	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM256	18.52	19.32	33	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM256	18.84	19.64	33	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM256	18.91	19.71	33	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	21.43	22.23	33	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	21.38	22.18	33	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	21.50	22.3	33	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM16	21.06	21.86	33	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM16	20.88	21.68	33	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM16	20.92	21.72	33	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM64	19.29	20.09	33	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM64	19.89	20.69	33	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM64	19.49	20.29	33	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM256	16.46	17.26	33	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM256	16.28	17.08	33	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM256	16.38	17.18	33	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_BPSK	24.32	25.12	33	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_BPSK	23.79	24.59	33	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_BPSK	24.11	24.91	33	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QPSK	24.44	25.24	33	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QPSK	23.81	24.61	33	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QPSK	23.95	24.75	33	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM16	23.34	24.14	33	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM16	22.71	23.51	33	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM16	22.86	23.66	33	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM64	21.95	22.75	33	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM64	21.27	22.07	33	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM64	21.95	22.75	33	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM256	20.04	20.84	33	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM256	19.36	20.16	33	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM256	19.63	20.43	33	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QPSK	22.98	23.78	33	PASS

n77(3700-3980)	30	30	647668	1@1	CP_QPSK	22.48	23.28	33	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QPSK	22.65	23.45	33	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM16	22.48	23.28	33	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM16	21.98	22.78	33	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM16	21.95	22.75	33	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM64	20.92	21.72	33	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM64	20.41	21.21	33	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM64	20.70	21.5	33	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM256	18.05	18.85	33	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM256	17.71	18.51	33	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM256	17.42	18.22	33	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_BPSK	23.59	24.39	33	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_BPSK	23.55	24.35	33	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_BPSK	22.98	23.78	33	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QPSK	23.65	24.45	33	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QPSK	23.48	24.28	33	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QPSK	22.84	23.64	33	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM16	22.62	23.42	33	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM16	22.91	23.71	33	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM16	22.37	23.17	33	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM64	21.21	22.01	33	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM64	21.25	22.05	33	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM64	20.71	21.51	33	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM256	19.35	20.15	33	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM256	19.58	20.38	33	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM256	18.55	19.35	33	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QPSK	22.15	22.95	33	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QPSK	22.07	22.87	33	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QPSK	21.47	22.27	33	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM16	21.61	22.41	33	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM16	21.75	22.55	33	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM16	21.11	21.91	33	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM64	20.24	21.04	33	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM64	20.75	21.55	33	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM64	20.06	20.86	33	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM256	17.23	18.03	33	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM256	17.48	18.28	33	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM256	16.41	17.21	33	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_BPSK	22.94	23.74	33	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_BPSK	23.04	23.84	33	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_BPSK	22.90	23.7	33	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QPSK	22.92	23.72	33	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QPSK	22.87	23.67	33	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QPSK	22.72	23.52	33	PASS

n77(3700-3980)	30	30	664332	36@18	DFT_QAM16	21.88	22.68	33	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM16	22.43	23.23	33	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM16	22.15	22.95	33	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM64	20.42	21.22	33	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM64	20.60	21.4	33	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM64	20.37	21.17	33	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM256	18.42	19.22	33	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM256	18.88	19.68	33	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM256	18.72	19.52	33	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QPSK	21.34	22.14	33	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QPSK	21.51	22.31	33	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QPSK	21.38	22.18	33	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM16	20.96	21.76	33	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM16	21.12	21.92	33	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM16	20.96	21.76	33	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM64	19.64	20.44	33	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM64	20.08	20.88	33	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM64	19.88	20.68	33	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM256	16.54	17.34	33	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM256	16.46	17.26	33	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM256	16.60	17.4	33	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	24.44	25.24	33	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	23.75	24.55	33	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	23.71	24.51	33	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	24.43	25.23	33	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	23.57	24.37	33	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	23.72	24.52	33	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM16	23.36	24.16	33	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM16	23.06	23.86	33	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM16	23.01	23.81	33	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM64	21.93	22.73	33	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM64	21.58	22.38	33	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM64	21.57	22.37	33	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM256	20.14	20.94	33	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM256	19.64	20.44	33	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM256	19.21	20.01	33	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	22.92	23.72	33	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	22.16	22.96	33	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	22.27	23.07	33	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM16	22.40	23.2	33	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM16	21.87	22.67	33	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM16	21.80	22.6	33	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM64	20.87	21.67	33	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM64	20.68	21.48	33	PASS

n77(3700-3980)	30	40	648000	1@104	CP_QAM64	20.76	21.56	33	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM256	18.03	18.83	33	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM256	17.09	17.89	33	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM256	17.10	17.9	33	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	23.60	24.4	33	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	23.34	24.14	33	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	22.83	23.63	33	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	23.56	24.36	33	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	23.33	24.13	33	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	22.71	23.51	33	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM16	22.52	23.32	33	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM16	22.24	23.04	33	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM16	22.19	22.99	33	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM64	21.18	21.98	33	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM64	20.89	21.69	33	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM64	20.32	21.12	33	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM256	19.31	20.11	33	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM256	19.46	20.26	33	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM256	18.89	19.69	33	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	22.03	22.83	33	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	21.88	22.68	33	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	21.25	22.05	33	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM16	21.59	22.39	33	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM16	21.39	22.19	33	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM16	20.80	21.6	33	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM64	20.22	21.02	33	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM64	20.01	20.81	33	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM64	19.93	20.73	33	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM256	17.25	18.05	33	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM256	17.12	17.92	33	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM256	16.24	17.04	33	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	23.10	23.9	33	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	22.49	23.29	33	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	22.68	23.48	33	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	23.09	23.89	33	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	22.36	23.16	33	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	22.53	23.33	33	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM16	22.03	22.83	33	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM16	21.30	22.1	33	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM16	21.95	22.75	33	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM64	20.61	21.41	33	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM64	19.94	20.74	33	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM64	20.54	21.34	33	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM256	18.70	19.5	33	PASS

n77(3700-3980)	30	40	664000	1@1	DFT_QAM256	17.99	18.79	33	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM256	18.60	19.4	33	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	21.50	22.3	33	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	20.90	21.7	33	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	20.98	21.78	33	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM16	21.05	21.85	33	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM16	20.47	21.27	33	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM16	20.68	21.48	33	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM64	19.57	20.37	33	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM64	19.57	20.37	33	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM64	19.67	20.47	33	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM256	16.58	17.38	33	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM256	16.15	16.95	33	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM256	16.30	17.1	33	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	24.38	25.18	33	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	23.96	24.76	33	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	23.93	24.73	33	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	24.43	25.23	33	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	23.84	24.64	33	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	23.83	24.63	33	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM16	23.44	24.24	33	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM16	23.23	24.03	33	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM16	23.26	24.06	33	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM64	21.94	22.74	33	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM64	21.81	22.61	33	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM64	21.45	22.25	33	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM256	20.03	20.83	33	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM256	19.50	20.3	33	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM256	19.57	20.37	33	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	22.93	23.73	33	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	22.31	23.11	33	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	22.34	23.14	33	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM16	22.42	23.22	33	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM16	22.05	22.85	33	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM16	21.91	22.71	33	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM64	20.88	21.68	33	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM64	20.87	21.67	33	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM64	21.04	21.84	33	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM256	18.00	18.8	33	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM256	17.37	18.17	33	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM256	17.67	18.47	33	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	23.55	24.35	33	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	23.57	24.37	33	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	23.18	23.98	33	PASS

n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	23.58	24.38	33	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	23.54	24.34	33	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	23.06	23.86	33	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM16	22.58	23.38	33	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM16	22.95	23.75	33	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM16	22.44	23.24	33	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM64	21.11	21.91	33	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM64	21.12	21.92	33	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM64	20.57	21.37	33	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM256	19.31	20.11	33	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM256	19.69	20.49	33	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM256	19.22	20.02	33	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	22.13	22.93	33	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	22.04	22.84	33	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	21.55	22.35	33	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM16	21.66	22.46	33	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM16	21.71	22.51	33	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM16	21.17	21.97	33	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM64	20.20	21	33	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM64	20.60	21.4	33	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM64	19.85	20.65	33	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM256	17.27	18.07	33	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM256	17.06	17.86	33	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM256	16.91	17.71	33	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	23.19	23.99	33	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	22.35	23.15	33	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	22.88	23.68	33	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	23.14	23.94	33	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	22.29	23.09	33	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	22.77	23.57	33	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM16	22.18	22.98	33	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM16	21.19	21.99	33	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM16	21.72	22.52	33	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM64	20.57	21.37	33	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM64	20.26	21.06	33	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM64	20.35	21.15	33	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM256	18.80	19.6	33	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM256	18.42	19.22	33	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM256	18.40	19.2	33	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	21.54	22.34	33	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	20.95	21.75	33	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	21.37	22.17	33	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM16	21.15	21.95	33	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM16	20.40	21.2	33	PASS

n77(3700-3980)	30	50	663666	1@131	CP_QAM16	20.82	21.62	33	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM64	19.77	20.57	33	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM64	19.63	20.43	33	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM64	20.00	20.8	33	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM256	16.70	17.5	33	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM256	16.19	16.99	33	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM256	16.26	17.06	33	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	24.35	25.15	33	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	23.82	24.62	33	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	23.82	24.62	33	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	24.29	25.09	33	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	23.73	24.53	33	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	23.69	24.49	33	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM16	23.38	24.18	33	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM16	23.22	24.02	33	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM16	23.16	23.96	33	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM64	21.85	22.65	33	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM64	21.41	22.21	33	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM64	21.49	22.29	33	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM256	19.96	20.76	33	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM256	19.85	20.65	33	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM256	19.88	20.68	33	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	22.83	23.63	33	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	22.13	22.93	33	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	22.19	22.99	33	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM16	22.24	23.04	33	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM16	21.93	22.73	33	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM16	21.89	22.69	33	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM64	20.78	21.58	33	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM64	20.32	21.12	33	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM64	20.67	21.47	33	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM256	18.00	18.8	33	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM256	17.75	18.55	33	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM256	17.76	18.56	33	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	23.52	24.32	33	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	23.39	24.19	33	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	22.95	23.75	33	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	23.50	24.3	33	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	23.35	24.15	33	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	22.88	23.68	33	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM16	22.61	23.41	33	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM16	22.80	23.6	33	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM16	22.31	23.11	33	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM64	21.10	21.9	33	PASS

n77(3700-3980)	30	60	656000	1@1	DFT_QAM64	21.09	21.89	33	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM64	20.70	21.5	33	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM256	19.23	20.03	33	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM256	19.12	19.92	33	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM256	18.57	19.37	33	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	22.06	22.86	33	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QPSK	22.04	22.84	33	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	21.44	22.24	33	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM16	21.49	22.29	33	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM16	21.66	22.46	33	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM16	21.08	21.88	33	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM64	20.28	21.08	33	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM64	20.49	21.29	33	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM64	20.20	21	33	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM256	17.20	18	33	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM256	17.40	18.2	33	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM256	16.93	17.73	33	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	23.10	23.9	33	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	22.49	23.29	33	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	22.70	23.5	33	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	23.06	23.86	33	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	22.35	23.15	33	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	22.56	23.36	33	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM16	21.98	22.78	33	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM16	21.81	22.61	33	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM16	22.04	22.84	33	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM64	20.55	21.35	33	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM64	20.35	21.15	33	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM64	20.63	21.43	33	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM256	18.68	19.48	33	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM256	18.53	19.33	33	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM256	18.68	19.48	33	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	21.48	22.28	33	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	21.03	21.83	33	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	21.23	22.03	33	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM16	20.95	21.75	33	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM16	20.57	21.37	33	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM16	20.80	21.6	33	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM64	19.65	20.45	33	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM64	19.66	20.46	33	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM64	19.87	20.67	33	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM256	16.57	17.37	33	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM256	16.38	17.18	33	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM256	16.09	16.89	33	PASS

n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	24.24	25.04	33	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	23.62	24.42	33	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	23.40	24.2	33	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	24.32	25.12	33	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	23.64	24.44	33	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	23.39	24.19	33	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM16	23.31	24.11	33	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM16	22.61	23.41	33	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM16	22.39	23.19	33	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM64	21.74	22.54	33	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM64	21.26	22.06	33	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM64	21.04	21.84	33	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM256	19.95	20.75	33	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM256	19.62	20.42	33	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM256	19.47	20.27	33	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	22.75	23.55	33	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	22.00	22.8	33	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	21.61	22.41	33	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM16	22.30	23.1	33	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM16	21.69	22.49	33	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM16	21.46	22.26	33	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM64	20.85	21.65	33	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM64	20.11	20.91	33	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM64	19.90	20.7	33	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM256	17.90	18.7	33	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM256	17.53	18.33	33	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM256	17.32	18.12	33	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	23.51	24.31	33	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	23.24	24.04	33	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	22.55	23.35	33	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	23.54	24.34	33	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	23.22	24.02	33	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	22.35	23.15	33	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM16	22.60	23.4	33	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM16	22.34	23.14	33	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM16	21.59	22.39	33	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM64	21.06	21.86	33	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM64	21.18	21.98	33	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM64	20.37	21.17	33	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM256	19.32	20.12	33	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM256	19.39	20.19	33	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM256	18.62	19.42	33	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	22.12	22.92	33	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	21.68	22.48	33	PASS

n77(3700-3980)	30	80	656000	1@215	CP_QPSK	20.77	21.57	33	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM16	21.60	22.4	33	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM16	21.42	22.22	33	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM16	20.62	21.42	33	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM64	20.09	20.89	33	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM64	20.26	21.06	33	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM64	19.43	20.23	33	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM256	17.26	18.06	33	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM256	16.81	17.61	33	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM256	16.47	17.27	33	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	22.97	23.77	33	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	22.36	23.16	33	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	22.50	23.3	33	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	23.00	23.8	33	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	22.32	23.12	33	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	22.51	23.31	33	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM16	21.88	22.68	33	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM16	21.62	22.42	33	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM16	21.74	22.54	33	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM64	20.39	21.19	33	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM64	19.90	20.7	33	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM64	20.13	20.93	33	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM256	18.54	19.34	33	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM256	18.00	18.8	33	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM256	18.09	18.89	33	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	21.46	22.26	33	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	20.84	21.64	33	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QPSK	21.03	21.83	33	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM16	21.02	21.82	33	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM16	20.43	21.23	33	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM16	20.50	21.3	33	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM64	19.61	20.41	33	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM64	19.30	20.1	33	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM64	19.42	20.22	33	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM256	16.52	17.32	33	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM256	16.31	17.11	33	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM256	15.96	16.76	33	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	24.19	24.99	33	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	23.46	24.26	33	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	23.34	24.14	33	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	24.22	25.02	33	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	23.31	24.11	33	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	23.26	24.06	33	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM16	23.25	24.05	33	PASS

n77(3700-3980)	30	90	649668	1@1	DFT_QAM16	22.80	23.6	33	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM16	22.67	23.47	33	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM64	21.68	22.48	33	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM64	21.32	22.12	33	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM64	20.77	21.57	33	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM256	19.82	20.62	33	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM256	19.15	19.95	33	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM256	19.54	20.34	33	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	22.72	23.52	33	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	21.91	22.71	33	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	21.82	22.62	33	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM16	22.17	22.97	33	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM16	21.60	22.4	33	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM16	21.30	22.1	33	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM64	20.70	21.5	33	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM64	20.03	20.83	33	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM64	19.90	20.7	33	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM256	17.77	18.57	33	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM256	17.35	18.15	33	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM256	17.22	18.02	33	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	23.51	24.31	33	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	23.15	23.95	33	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	22.19	22.99	33	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	23.53	24.33	33	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	23.01	23.81	33	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	22.02	22.82	33	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM16	22.61	23.41	33	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM16	22.49	23.29	33	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM16	20.98	21.78	33	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM64	21.06	21.86	33	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM64	20.60	21.4	33	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM64	19.64	20.44	33	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM256	19.16	19.96	33	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM256	18.96	19.76	33	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM256	18.33	19.13	33	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	22.04	22.84	33	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	21.61	22.41	33	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	20.64	21.44	33	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM16	21.58	22.38	33	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM16	21.28	22.08	33	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM16	20.23	21.03	33	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM64	20.02	20.82	33	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM64	19.65	20.45	33	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM64	18.67	19.47	33	PASS

n77(3700-3980)	30	90	656000	123@61	CP_QAM256	17.22	18.02	33	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM256	16.82	17.62	33	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM256	16.05	16.85	33	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	22.85	23.65	33	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	21.95	22.75	33	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	22.35	23.15	33	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	22.91	23.71	33	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	21.79	22.59	33	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	22.22	23.02	33	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM16	21.86	22.66	33	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM16	21.25	22.05	33	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM16	21.14	21.94	33	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM64	20.32	21.12	33	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM64	19.77	20.57	33	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM64	20.25	21.05	33	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM256	18.49	19.29	33	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM256	18.19	18.99	33	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM256	18.46	19.26	33	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	21.35	22.15	33	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	20.35	21.15	33	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	20.74	21.54	33	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM16	20.95	21.75	33	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM16	20.02	20.82	33	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM16	20.36	21.16	33	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM64	19.54	20.34	33	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM64	18.48	19.28	33	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM64	18.82	19.62	33	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM256	16.46	17.26	33	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM256	15.81	16.61	33	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM256	15.91	16.71	33	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	24.21	25.01	33	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	23.20	24	33	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	23.13	23.93	33	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	24.16	24.96	33	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	23.11	23.91	33	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	22.97	23.77	33	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM16	23.16	23.96	33	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM16	22.67	23.47	33	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM16	22.54	23.34	33	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM64	21.71	22.51	33	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM64	20.81	21.61	33	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM64	20.78	21.58	33	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM256	19.86	20.66	33	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM256	19.34	20.14	33	PASS

n77(3700-3980)	30	100	650000	1@271	DFT_QAM256	19.24	20.04	33	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	22.68	23.48	33	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	21.81	22.61	33	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	21.56	22.36	33	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM16	22.13	22.93	33	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM16	21.39	22.19	33	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM16	21.32	22.12	33	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM64	20.63	21.43	33	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM64	20.06	20.86	33	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM64	19.99	20.79	33	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM256	17.79	18.59	33	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM256	17.32	18.12	33	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM256	17.17	17.97	33	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	23.51	24.31	33	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	22.91	23.71	33	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	21.73	22.53	33	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	23.61	24.41	33	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	22.92	23.72	33	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	21.66	22.46	33	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM16	22.62	23.42	33	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM16	22.41	23.21	33	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM16	21.16	21.96	33	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM64	21.08	21.88	33	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM64	20.60	21.4	33	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM64	19.40	20.2	33	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM256	19.25	20.05	33	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM256	18.69	19.49	33	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM256	17.61	18.41	33	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	22.02	22.82	33	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	21.50	22.3	33	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	20.31	21.11	33	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM16	21.52	22.32	33	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM16	21.08	21.88	33	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM16	20.00	20.8	33	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM64	20.10	20.9	33	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM64	19.96	20.76	33	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM64	18.64	19.44	33	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM256	17.22	18.02	33	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM256	16.57	17.37	33	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM256	15.87	16.67	33	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	22.96	23.76	33	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	21.94	22.74	33	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	22.15	22.95	33	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	22.94	23.74	33	PASS

n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	21.89	22.69	33	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	22.05	22.85	33	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM16	21.95	22.75	33	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM16	21.33	22.13	33	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM16	21.46	22.26	33	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM64	20.39	21.19	33	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM64	19.57	20.37	33	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM64	20.04	20.84	33	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM256	18.59	19.39	33	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM256	17.69	18.49	33	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM256	18.32	19.12	33	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	21.38	22.18	33	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QPSK	20.54	21.34	33	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	20.76	21.56	33	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM16	20.95	21.75	33	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM16	20.18	20.98	33	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM16	20.25	21.05	33	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM64	19.62	20.42	33	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM64	18.94	19.74	33	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM64	19.11	19.91	33	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM256	16.49	17.29	33	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM256	16.00	16.8	33	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM256	16.19	16.99	33	PASS

2. Frequency stability for NR FR1

NT:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	3.85	-4.30	0.00	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	3.50	-9.93	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	4.40	-7.72	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	3.85	-5.41	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	3.50	-5.31	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	4.40	-5.10	0.00		PASS

Note: Only the worst case shown in the report.

NV:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature (°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	-30	-25.85	-0.01	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	-20	-26.19	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	-10	-23.02	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	0	-21.01	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	10	-24.25	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	20	-23.45	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	30	-24.34	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	40	-19.87	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	50	-20.03	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-30	-22.26	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-20	-23.3	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-10	-22.16	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	0	-22.98	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	10	-22.18	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	20	-24.42	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	30	-21.71	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	40	-23.21	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	50	-26.44	-0.01		PASS

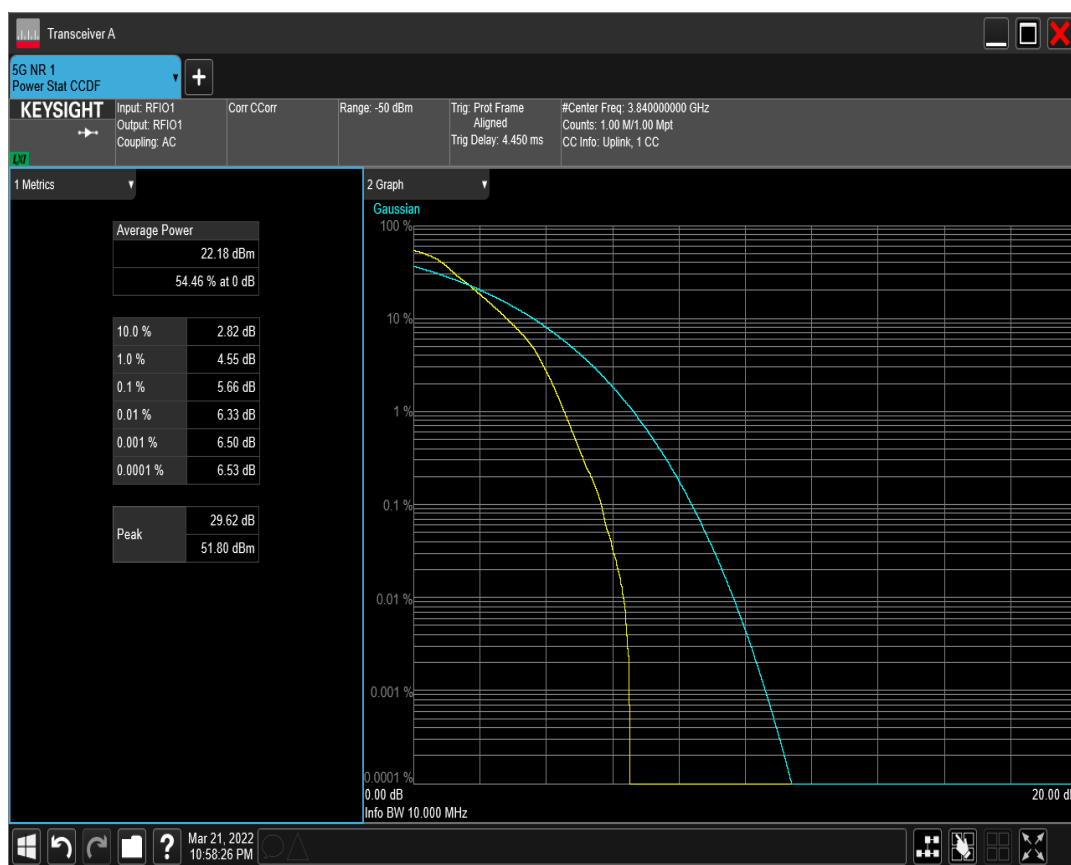
Note: Only the worst case shown in the report.

3. Peak-to-Average Ratio for NR FR1

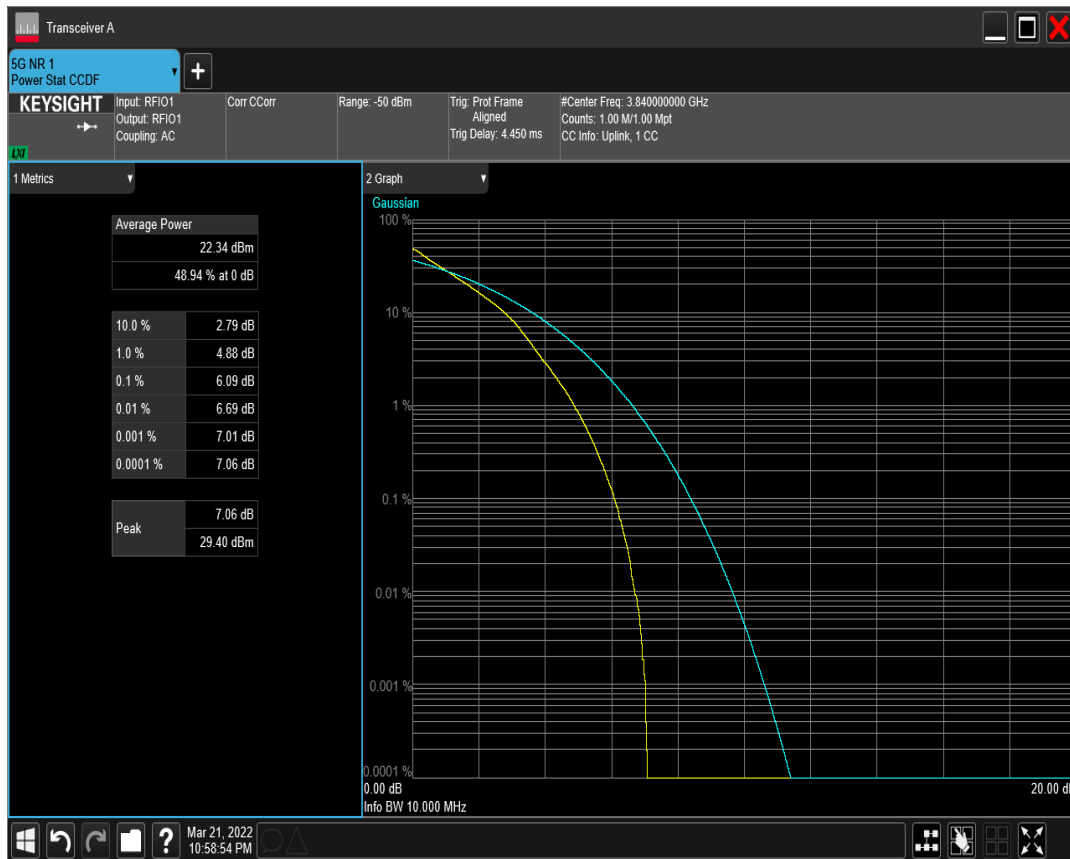
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	5.66	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	6.09	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	6.90	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	7.29	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	7.26	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	4.93	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	6.01	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	6.90	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	6.98	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	7.31	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	5.01	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	6.14	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	6.89	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	7.12	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	7.09	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_BPSK	4.93	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	6.13	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM16	6.85	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM64	7.03	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM256	7.17	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	4.95	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	5.99	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	6.81	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	7.05	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	5.21	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	6.73	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	7.06	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	7.13	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	4.84	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	6.08	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	6.79	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	7.09	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	7.27	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	5.46	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	6.04	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM16	6.86	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM64	7.10	13	PASS

n77(3700-3980)	30	80	656000	216@0	DFT_QAM256	7.16	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	6.02	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM16	6.91	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM64	7.12	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM256	7.13	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	5.44	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	6.06	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM16	6.82	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM64	7.00	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM256	7.15	13	PASS

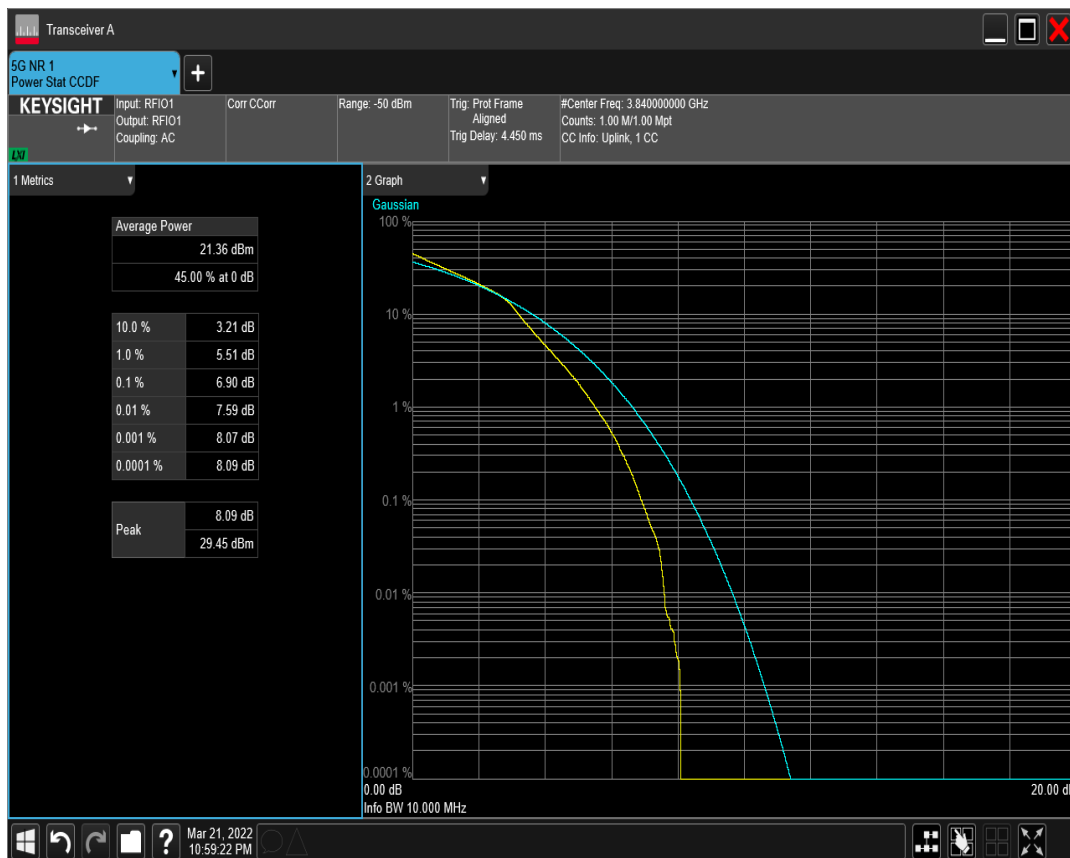
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz Channel=656000 RB=24@0



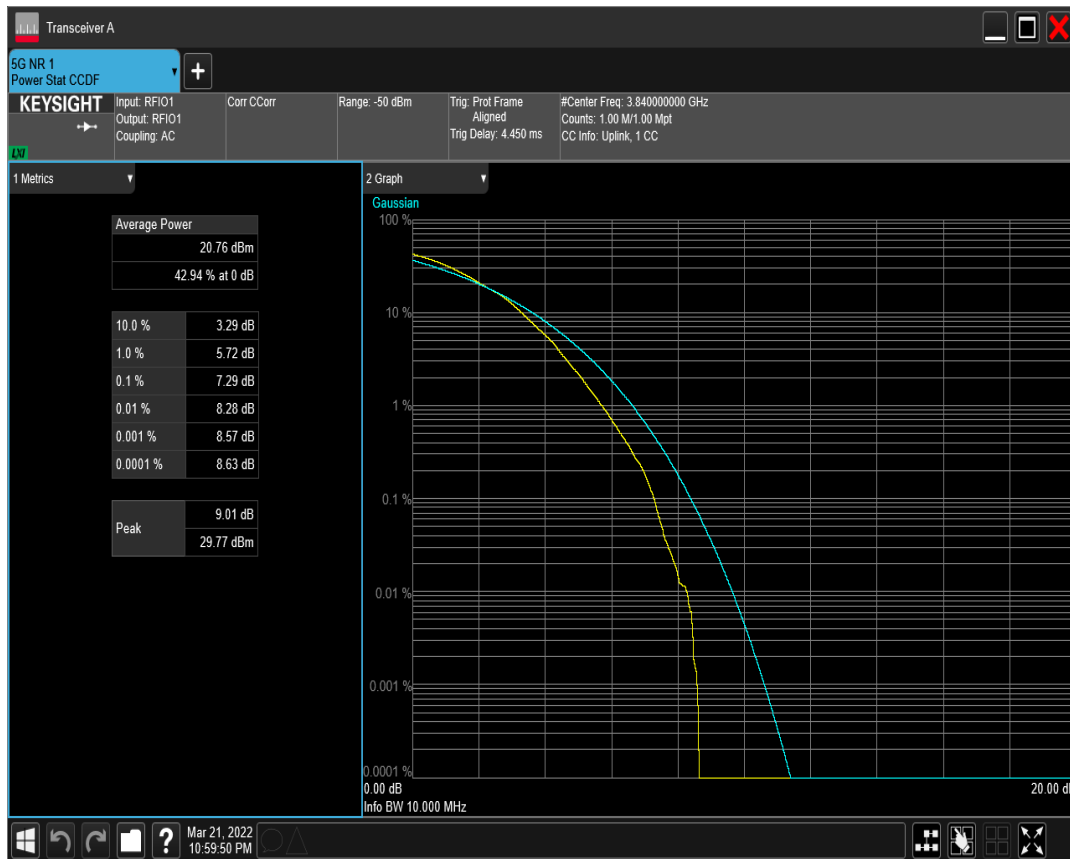
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=656000 RB=24@0



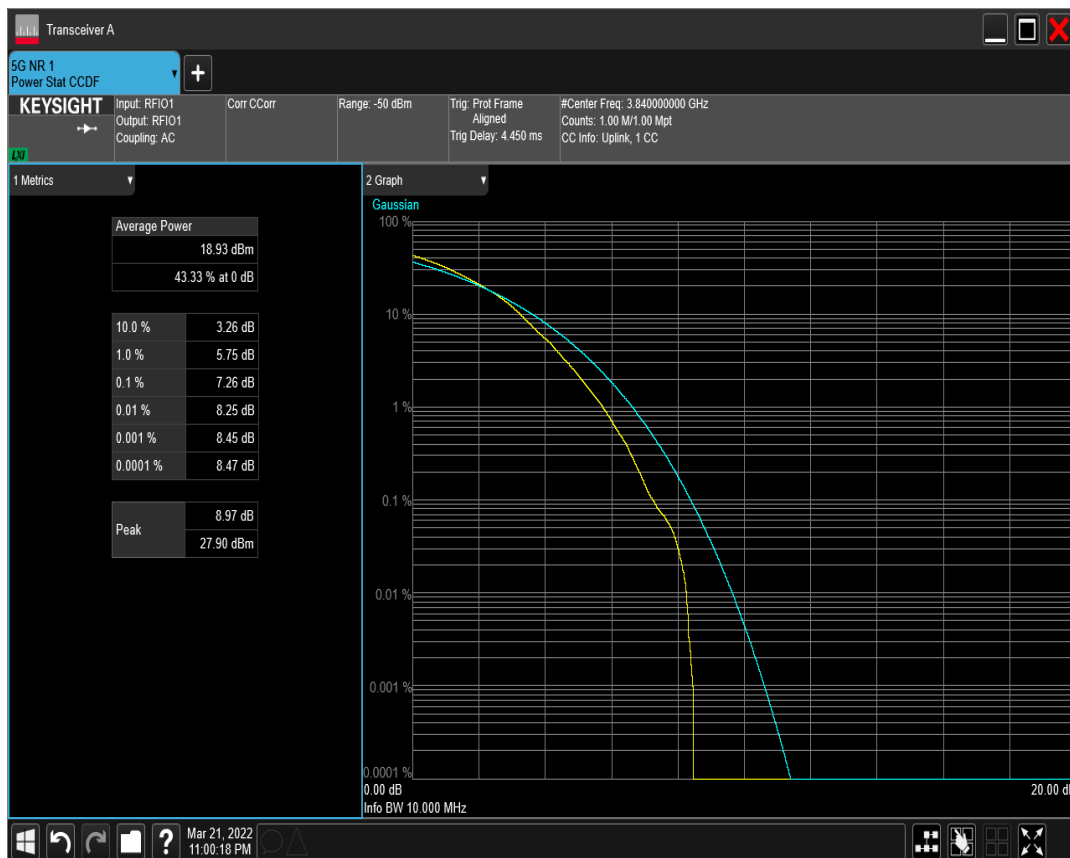
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=10MHz Channel=656000 RB=24@0



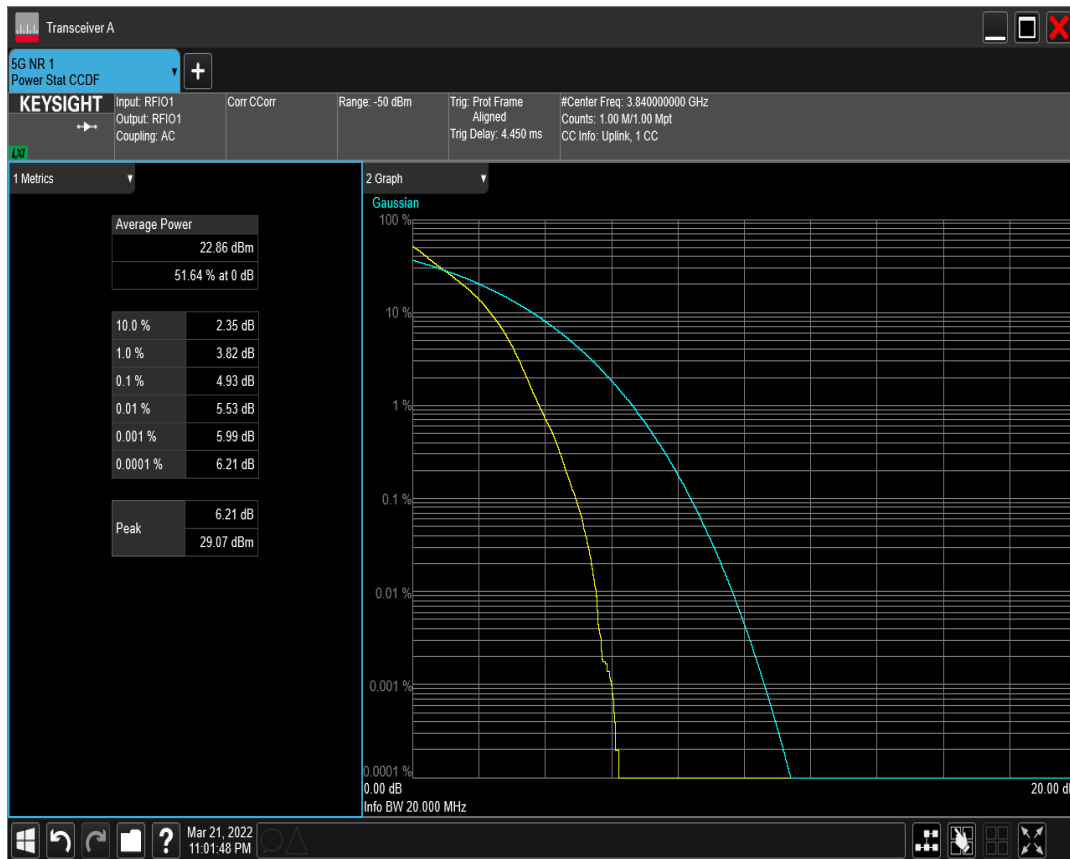
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=10MHz Channel=656000 RB=24@0



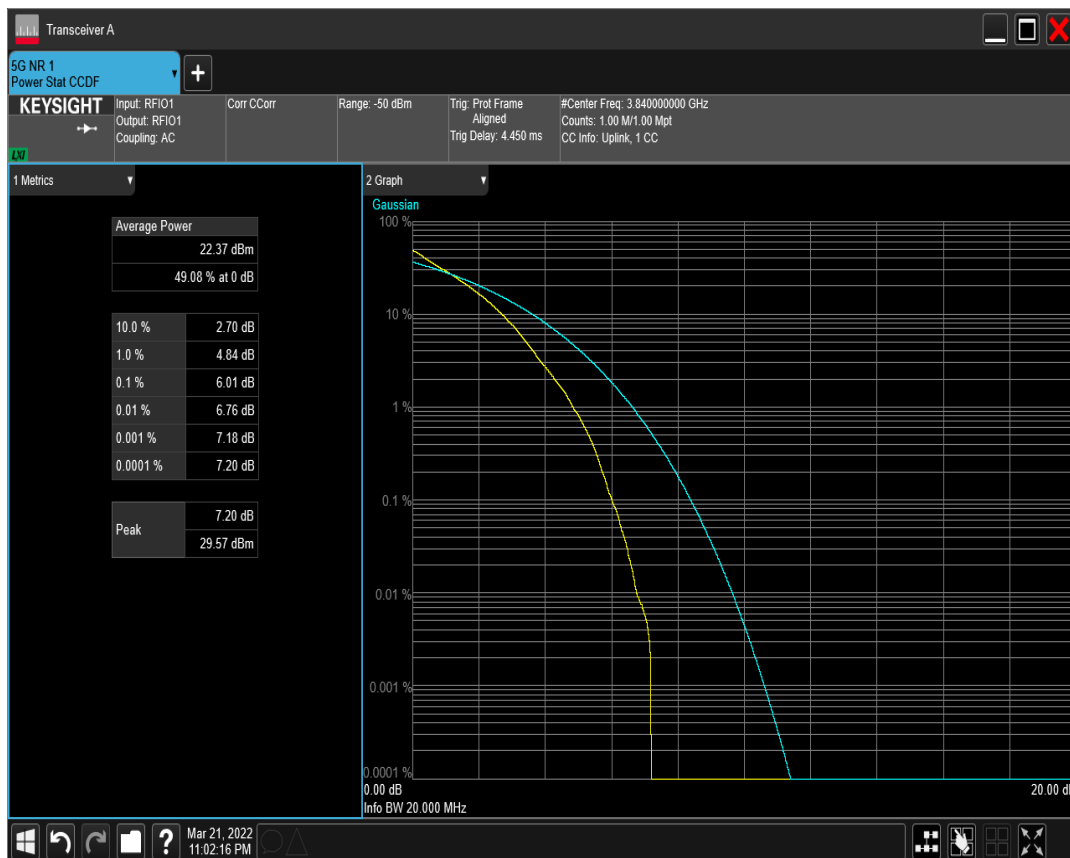
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=656000 RB=24@0



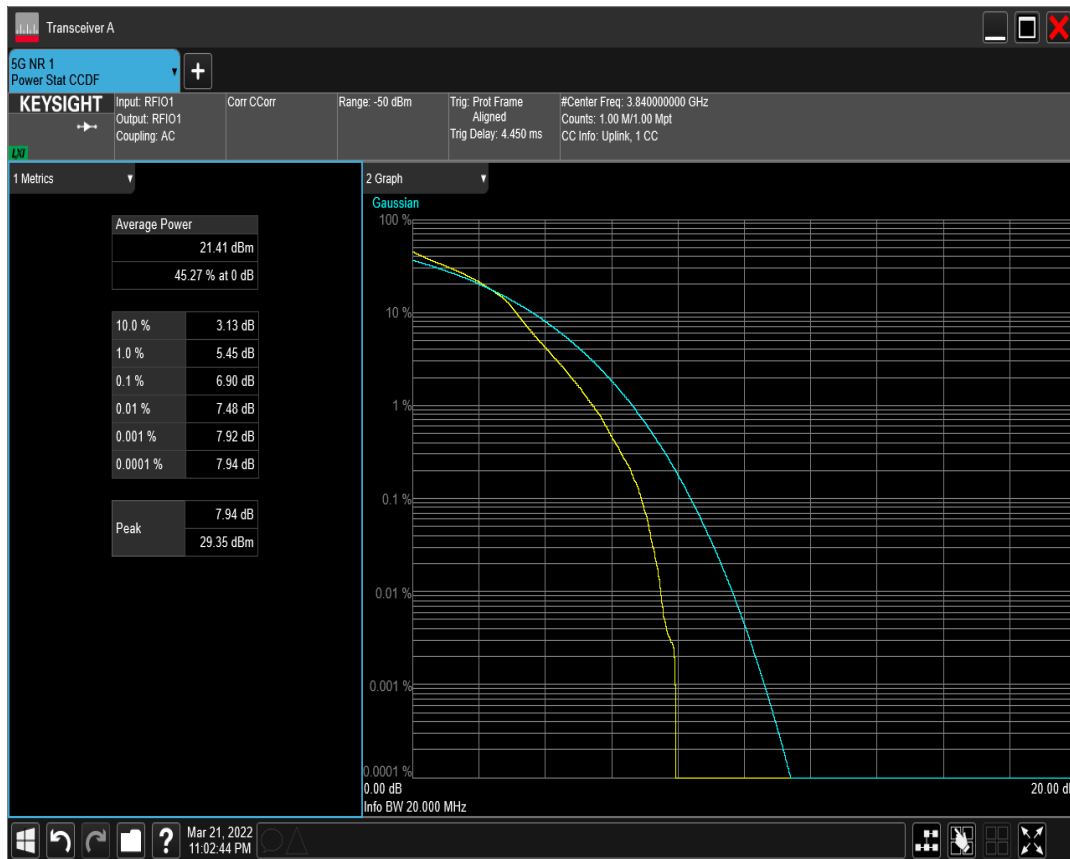
n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz Channel=656000 RB=36@0



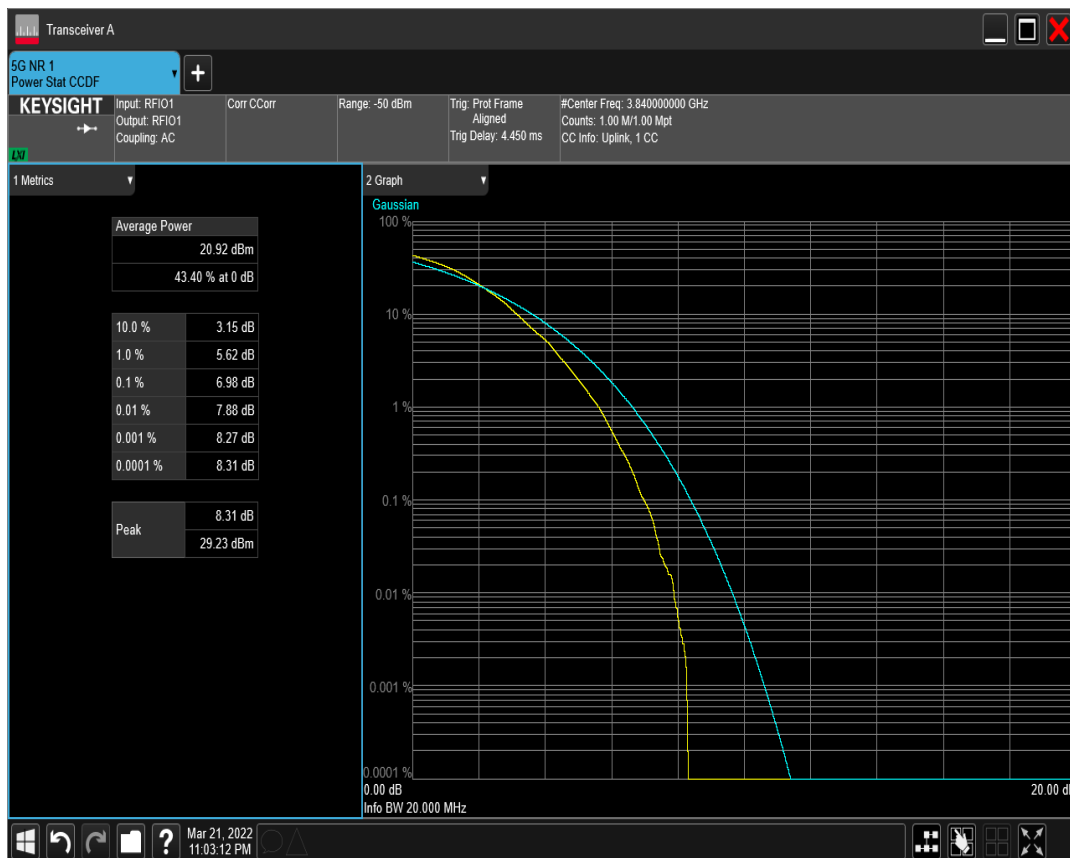
n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=656000 RB=36@0



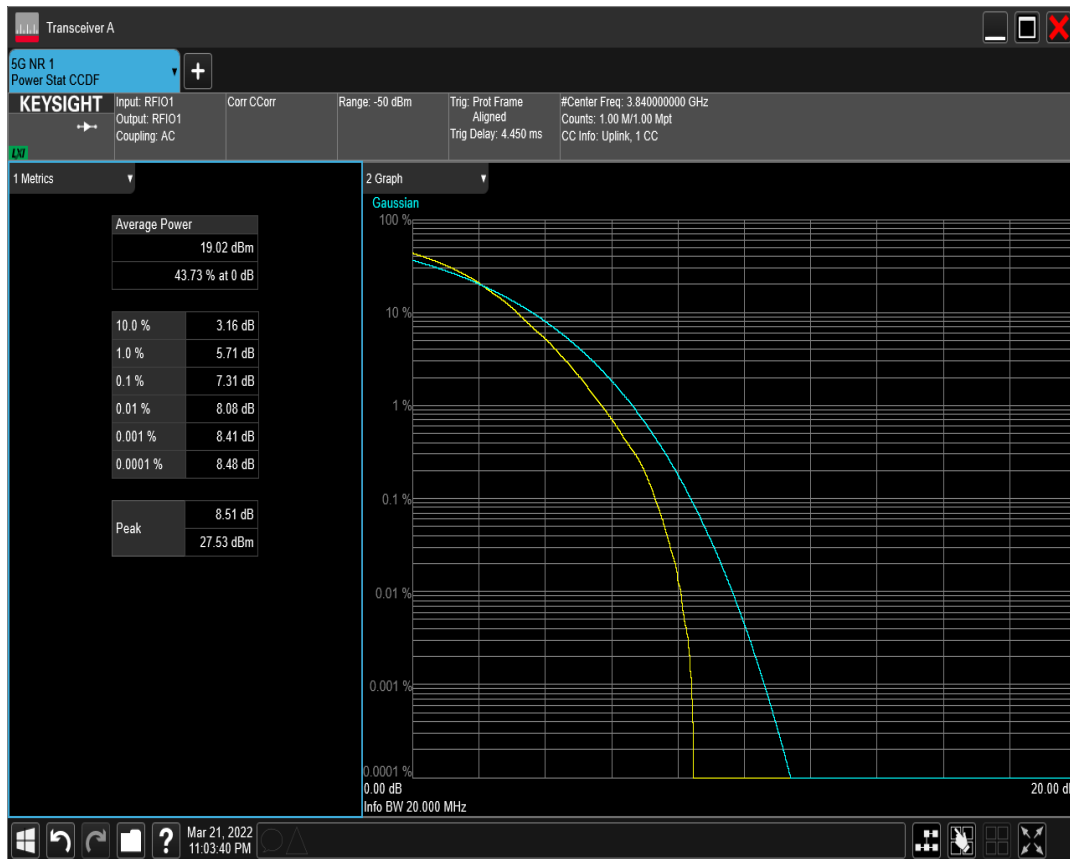
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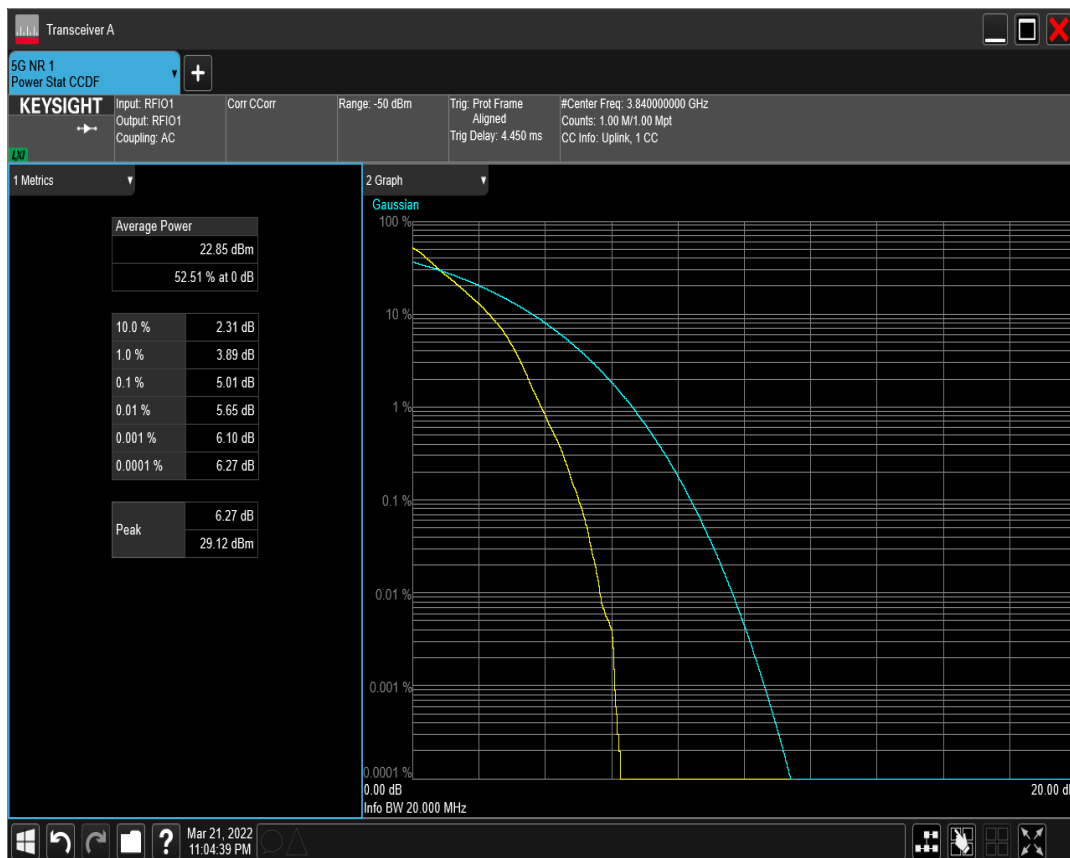
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=656000 RB=36@0



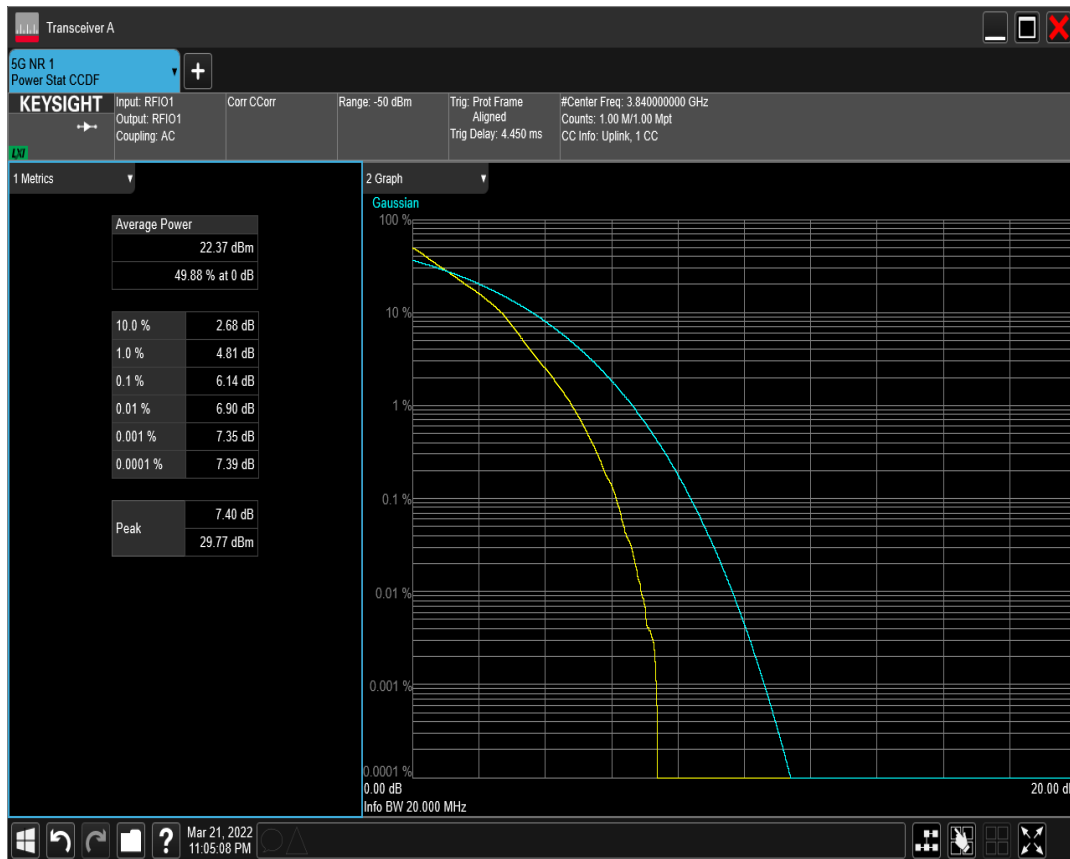
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=15MHz Channel=656000 RB=36@0



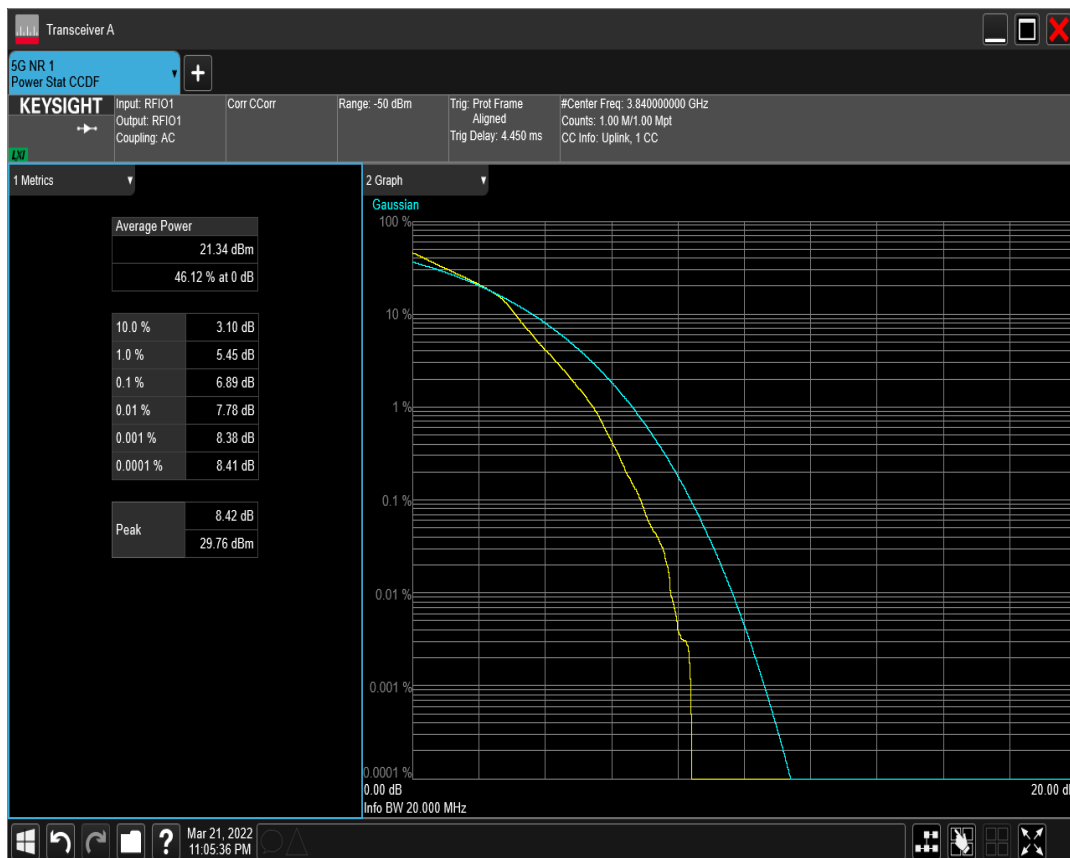
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz Channel=656000 RB=50@0



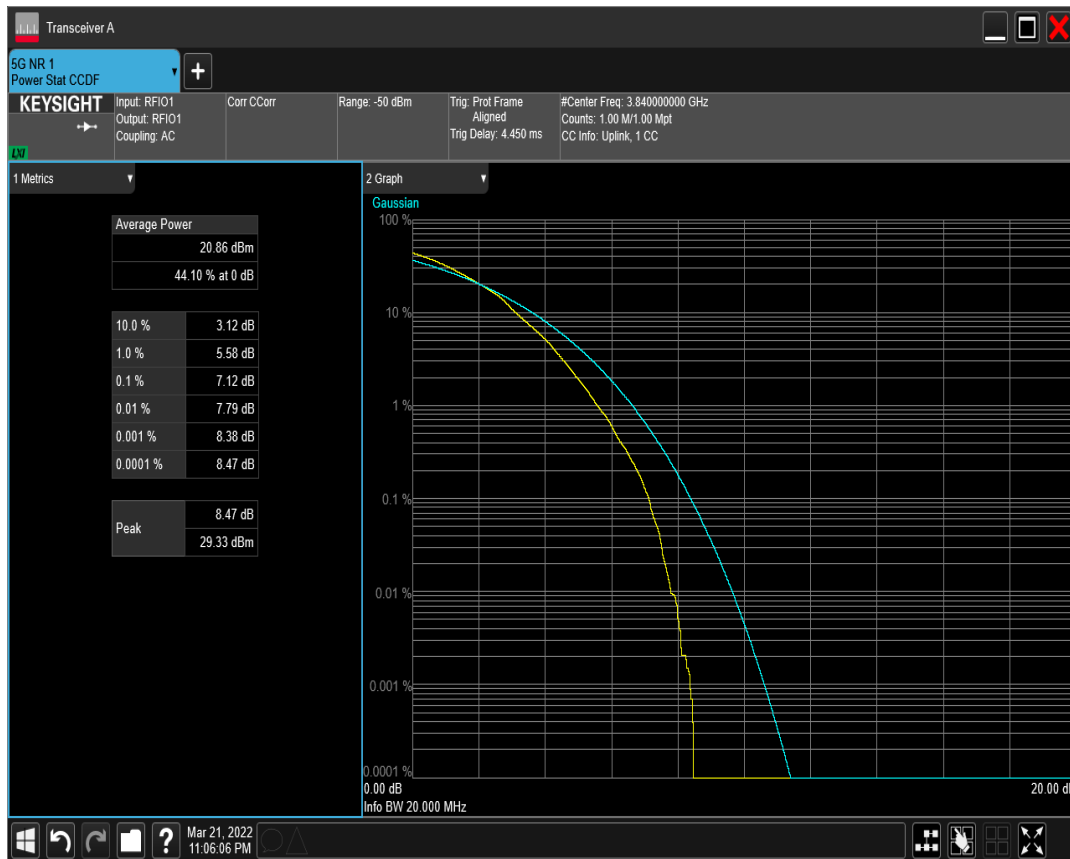
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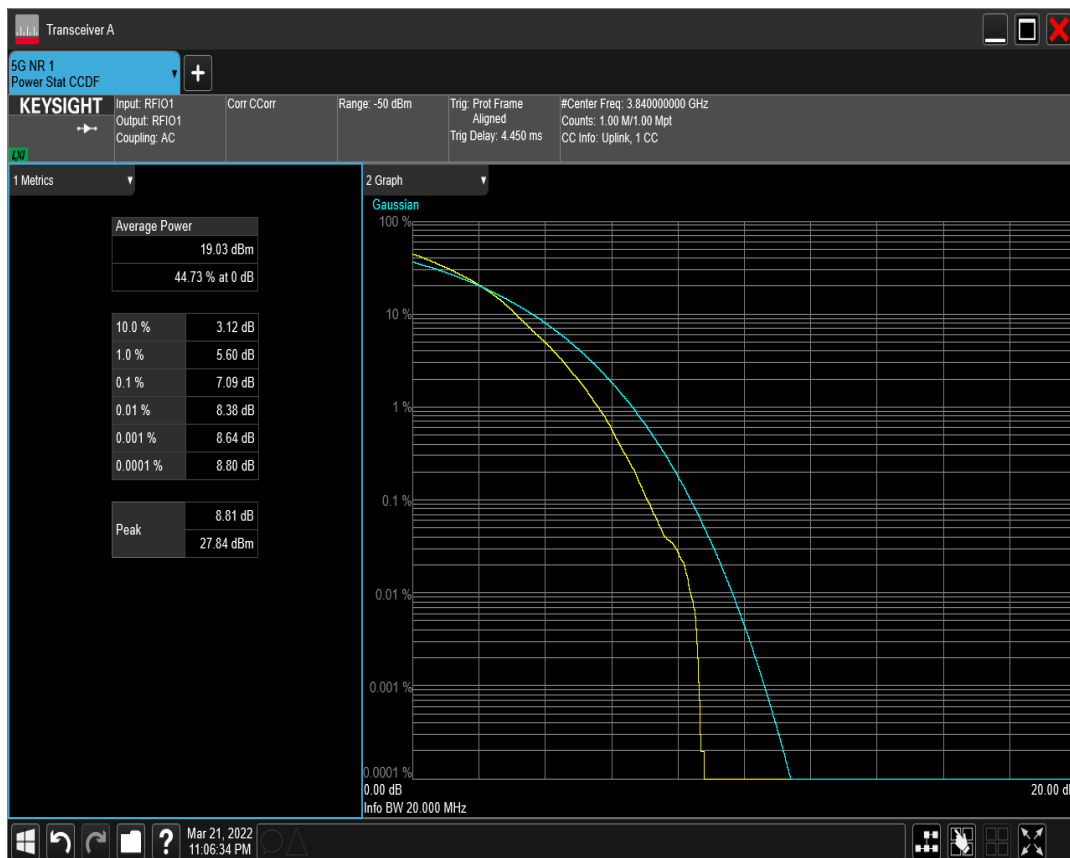
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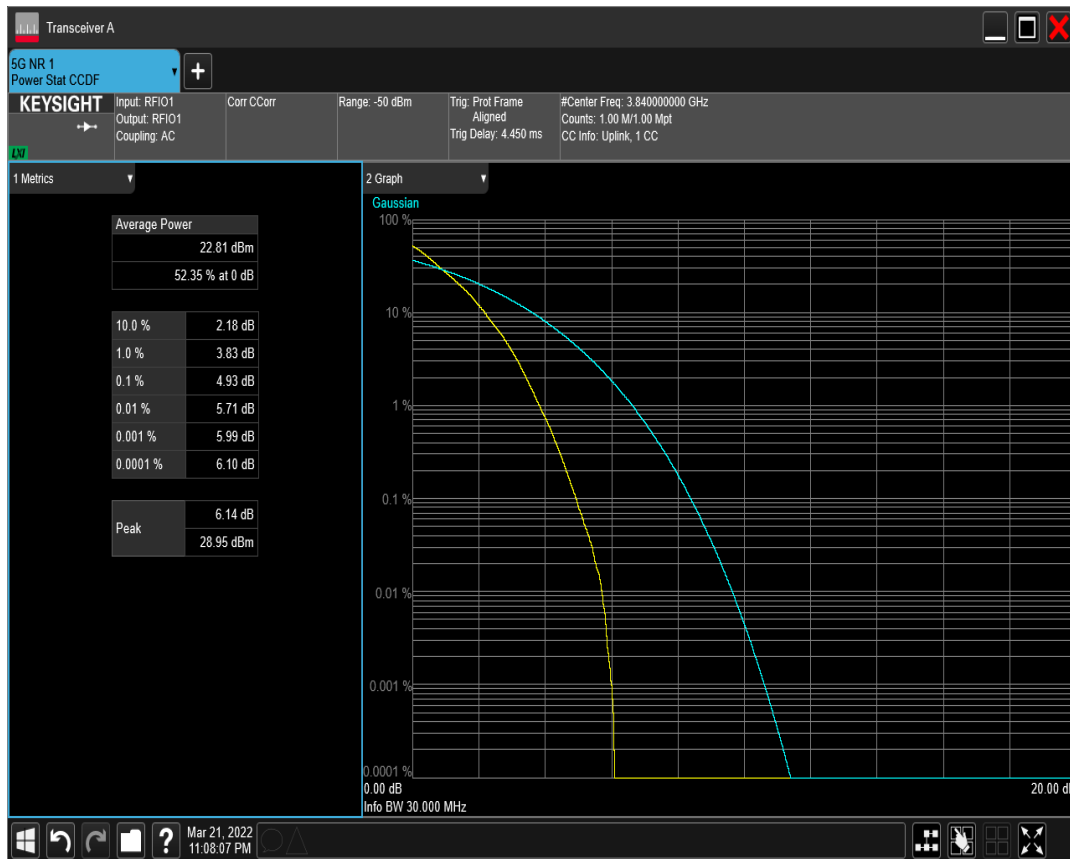
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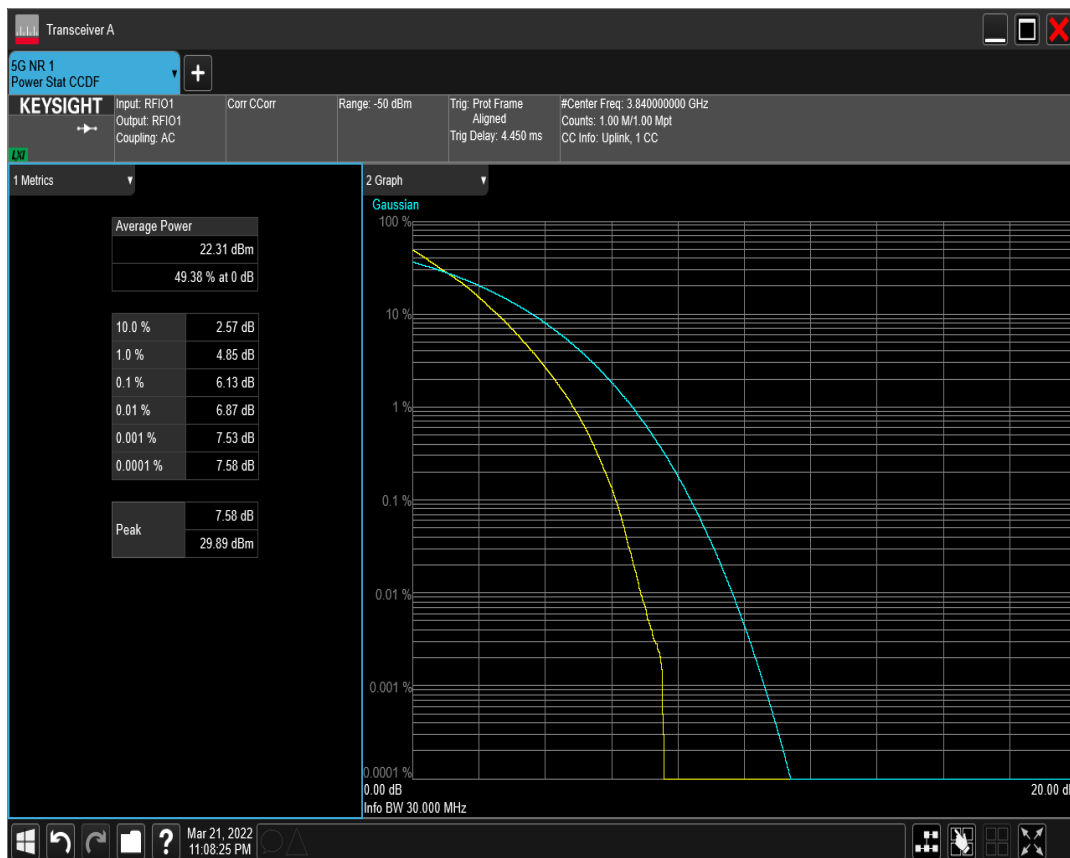
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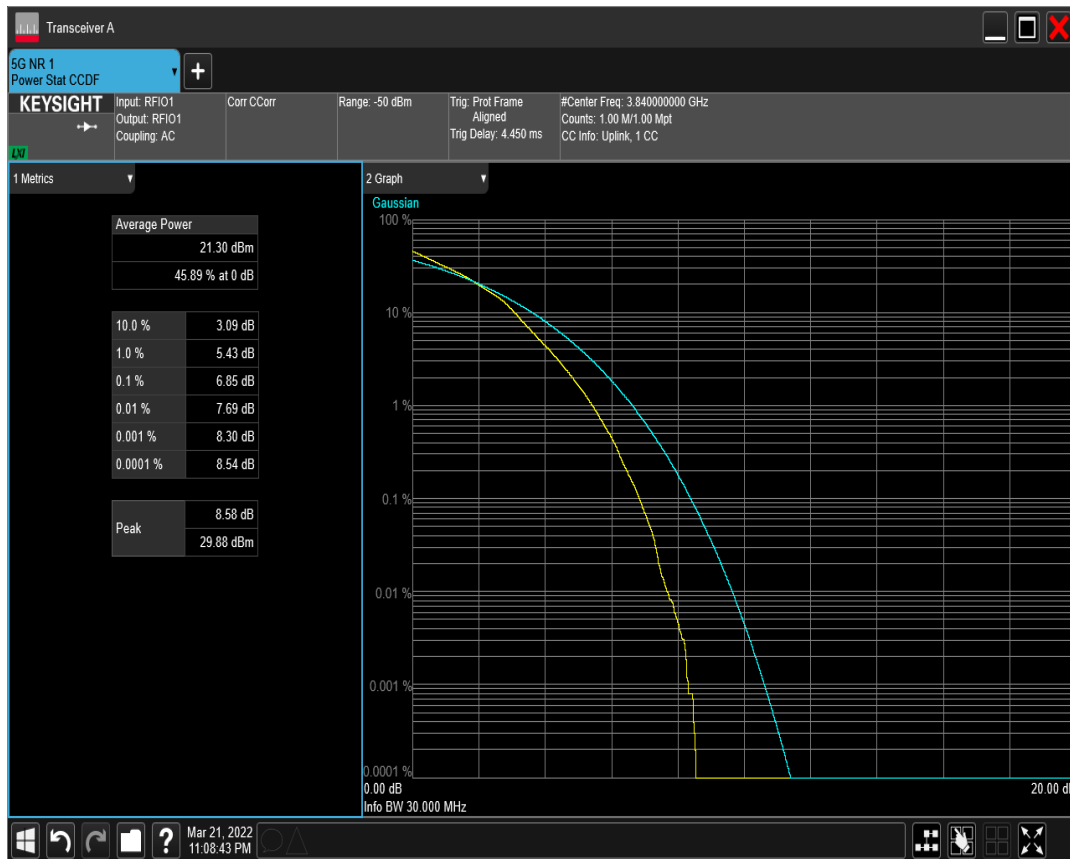
n77(3700-3980) SCS=30kHz DFT_BPSK BW=30MHz Channel=656000 RB=75@0



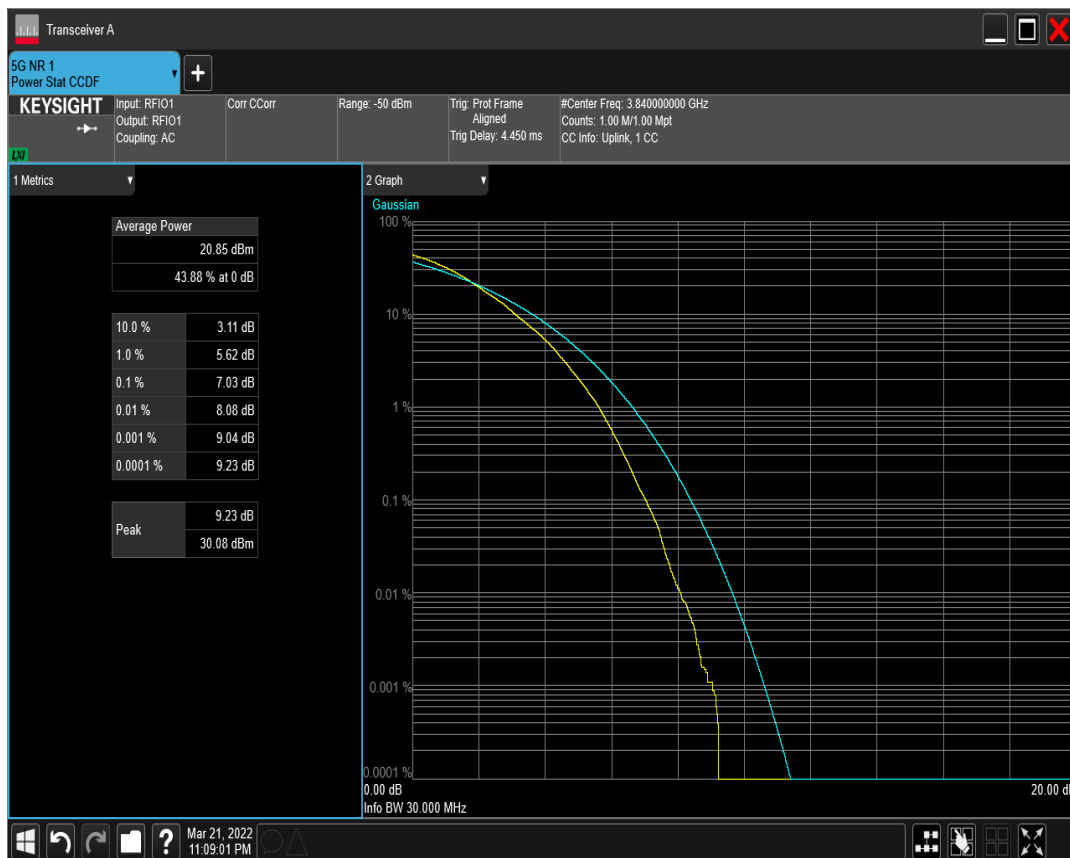
n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=656000 RB=75@0



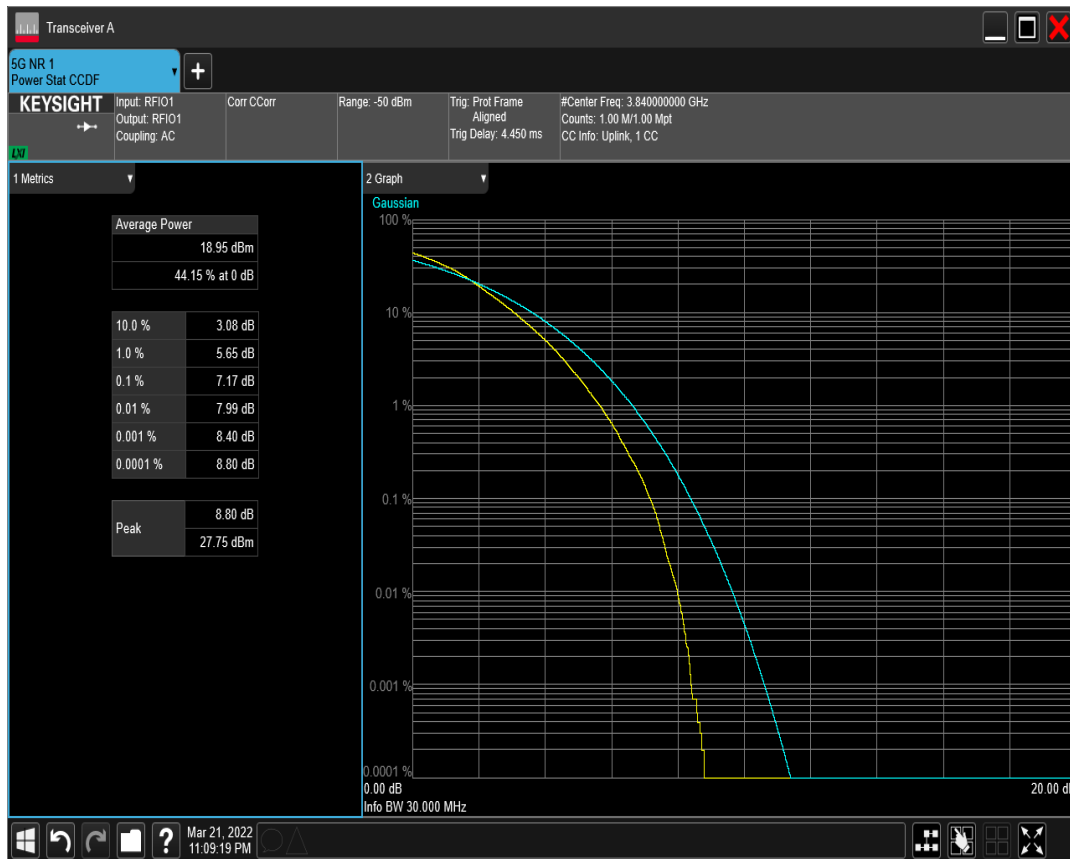
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=30MHz Channel=656000 RB=75@0



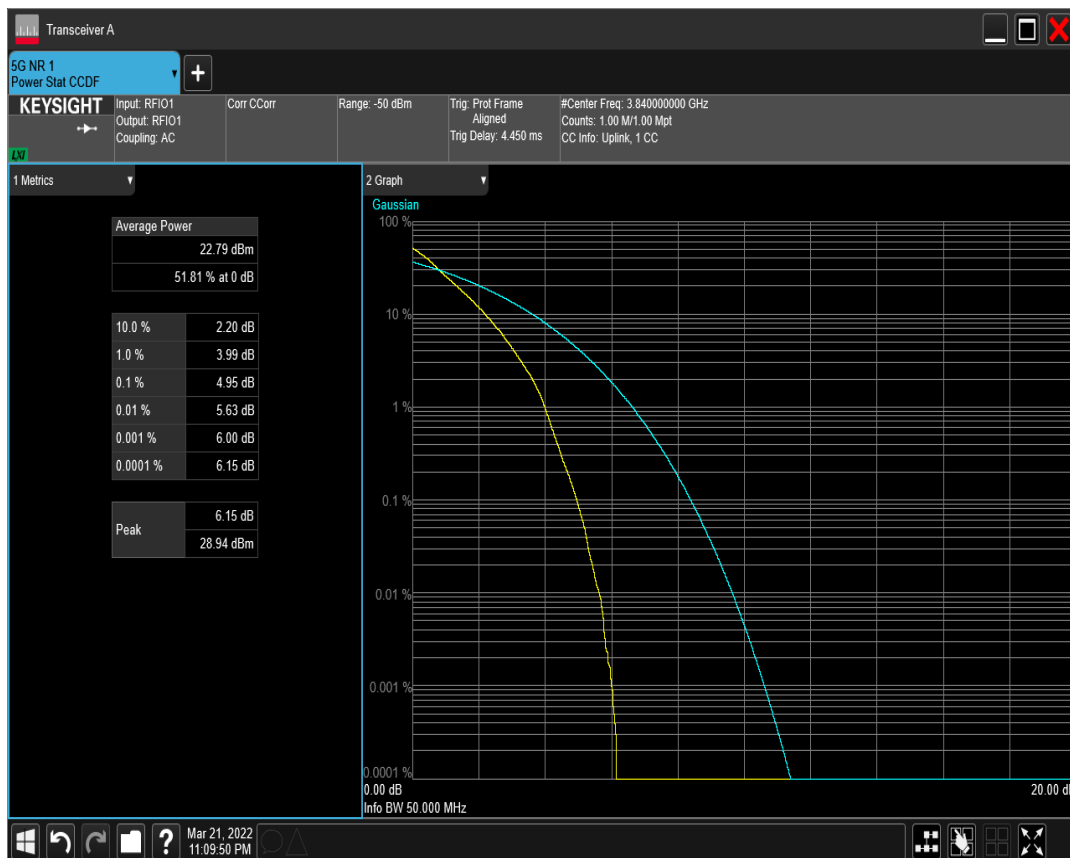
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=30MHz Channel=656000 RB=75@0



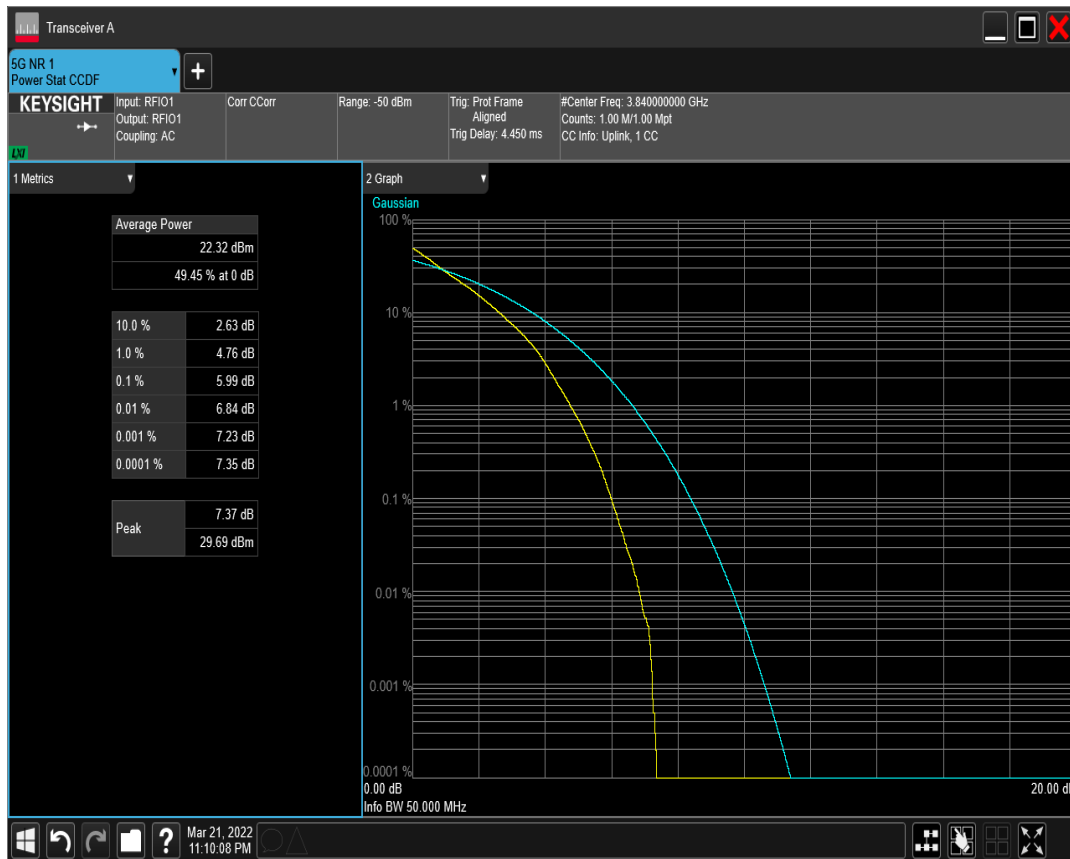
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=30MHz Channel=656000 RB=75@0



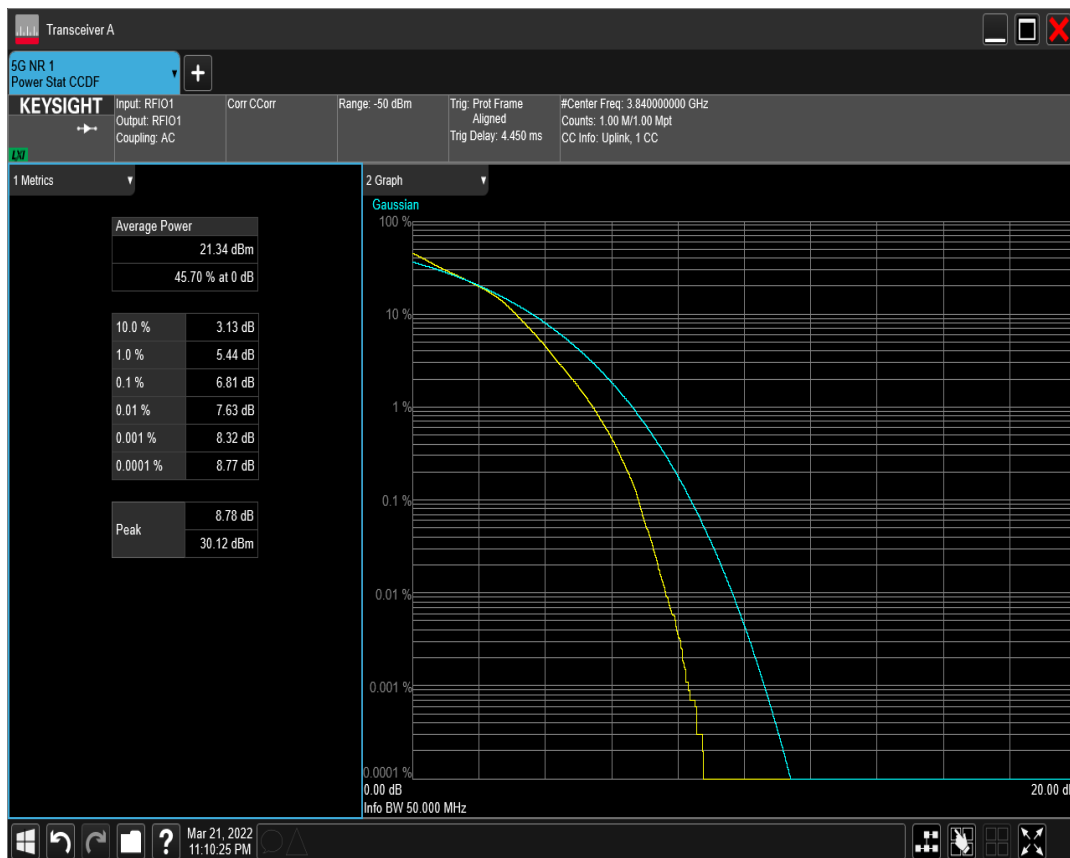
n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz Channel=656000 RB=100@0



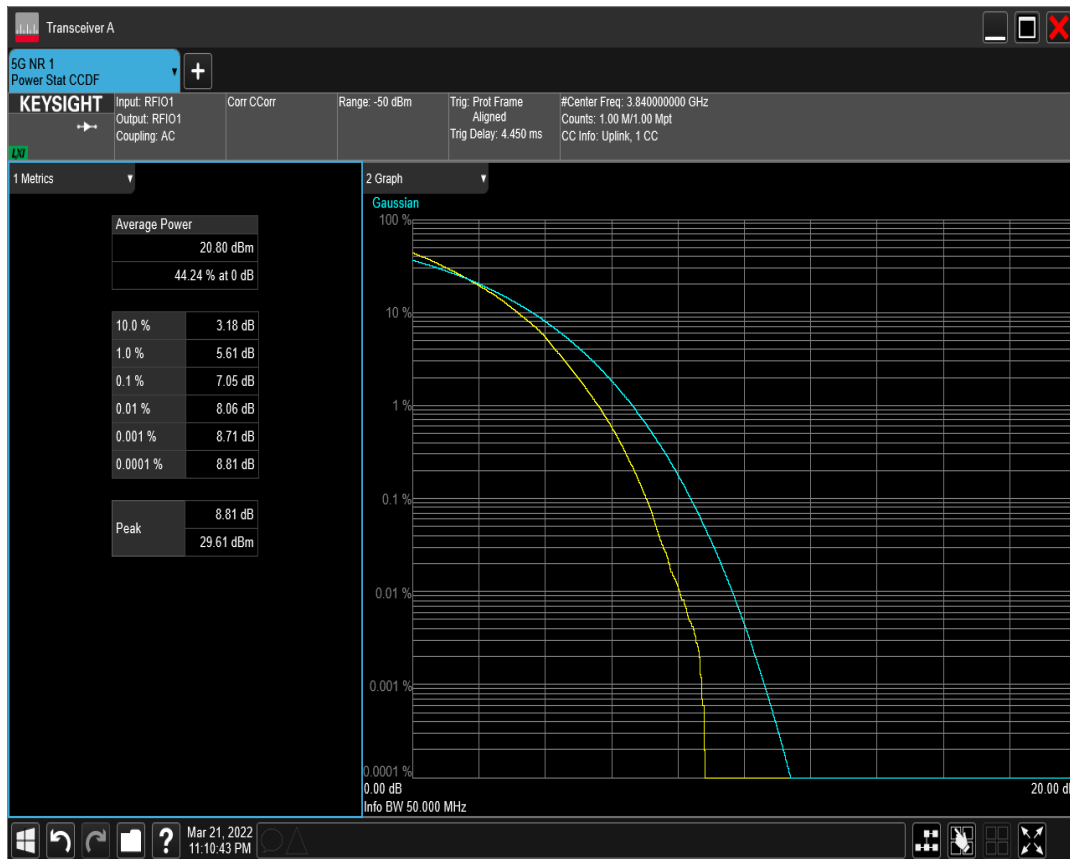
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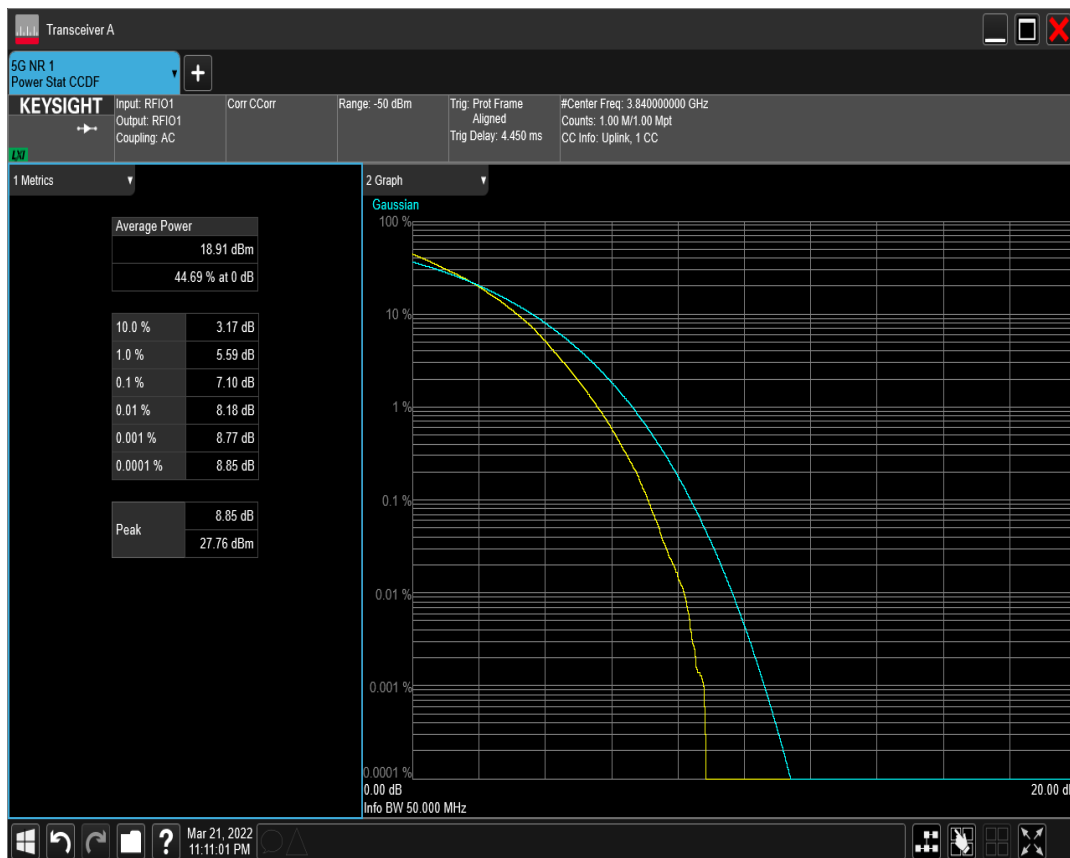
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=40MHz Channel=656000 RB=100@0



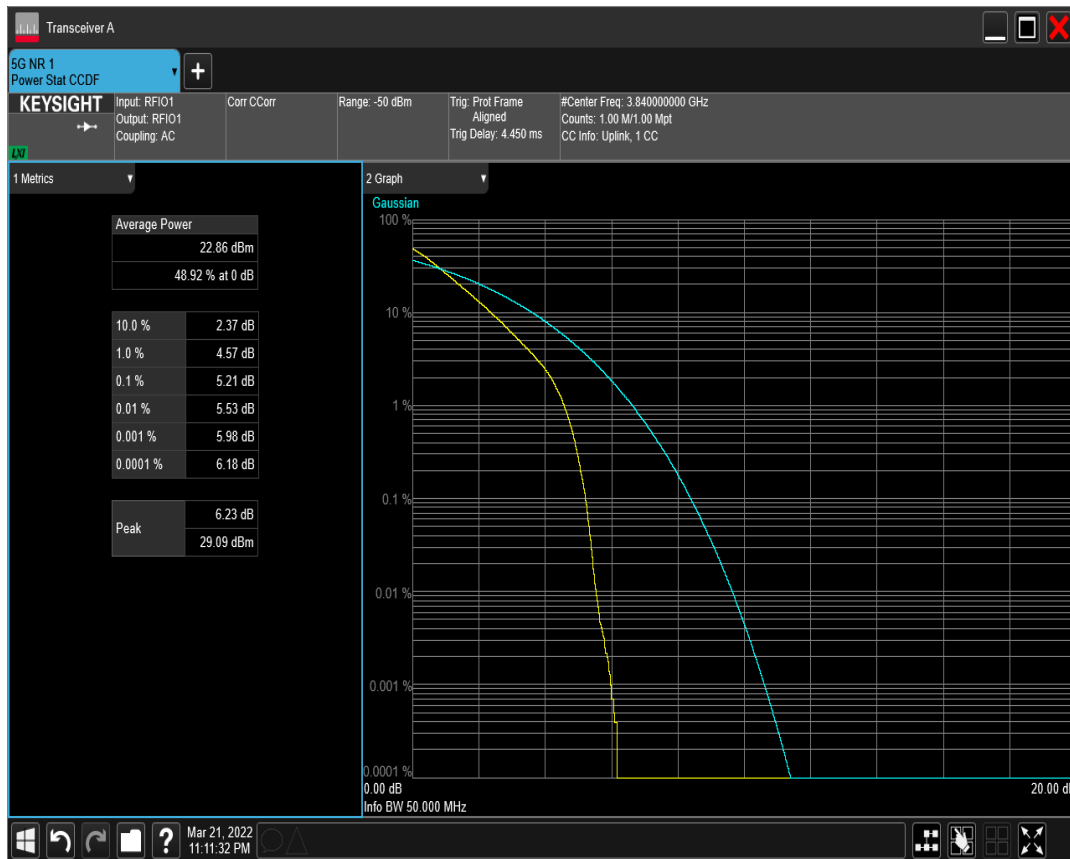
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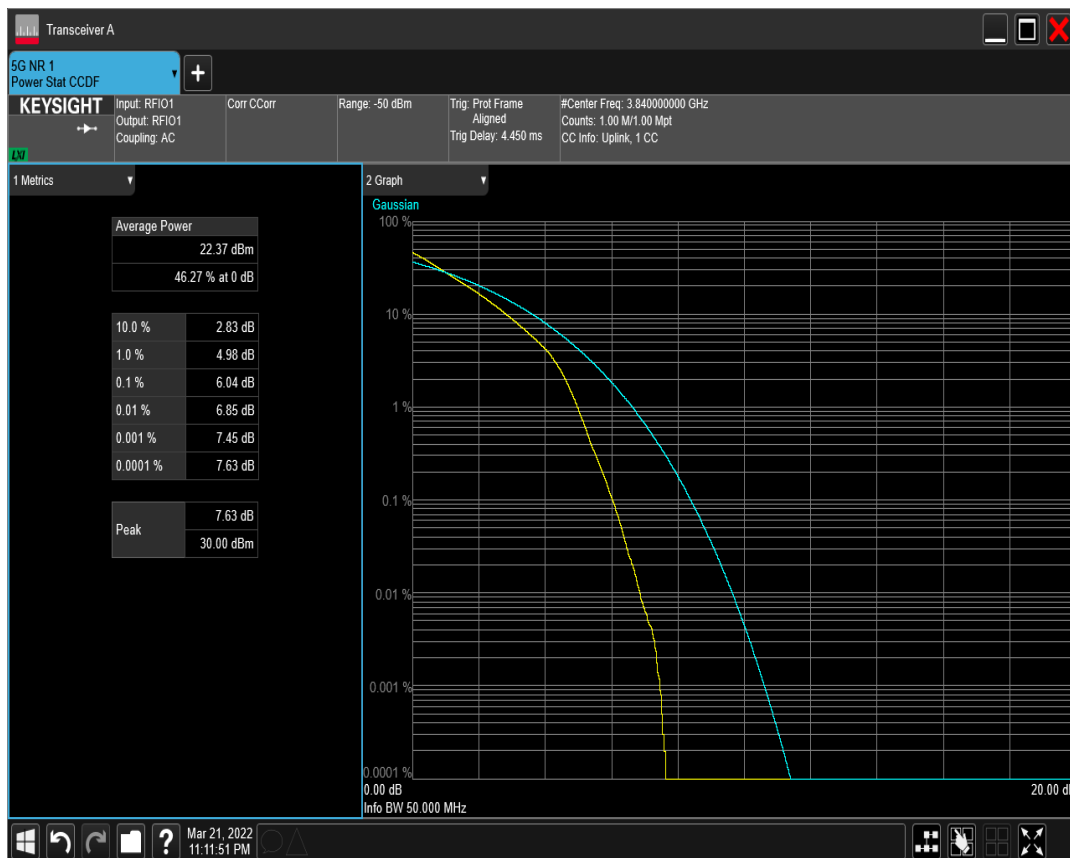
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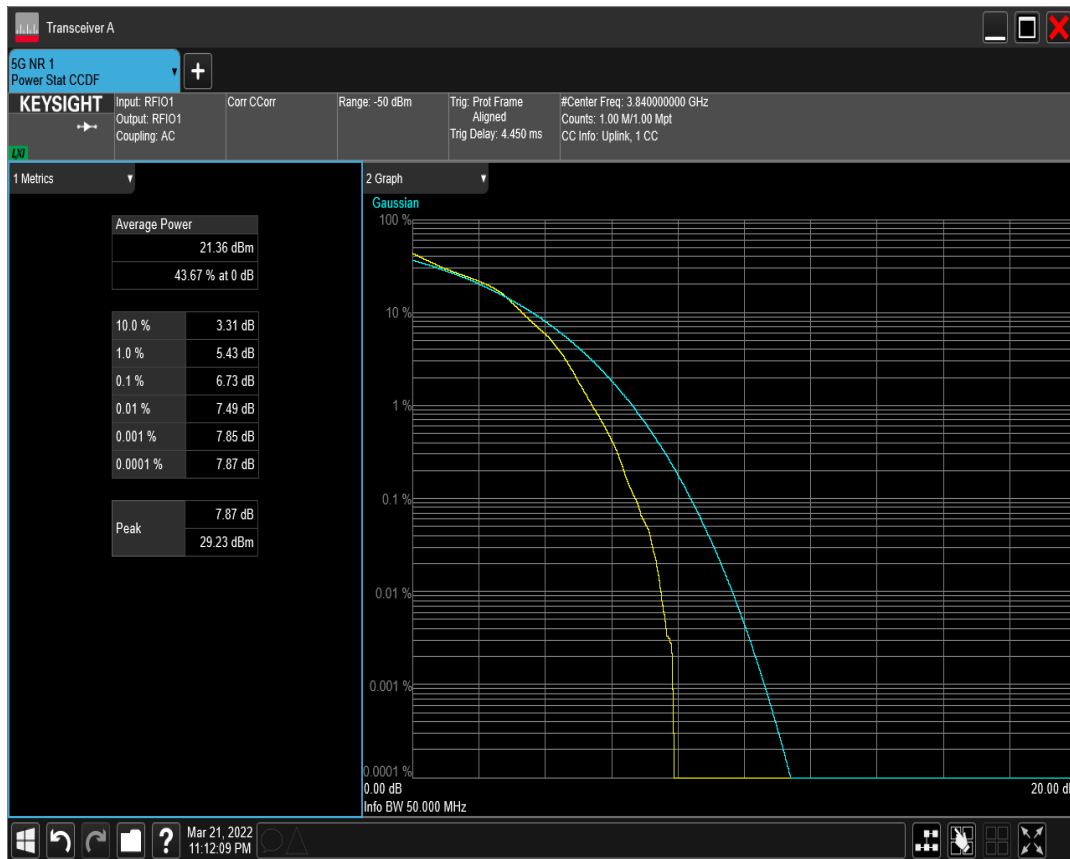
n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz Channel=656000 RB=128@0



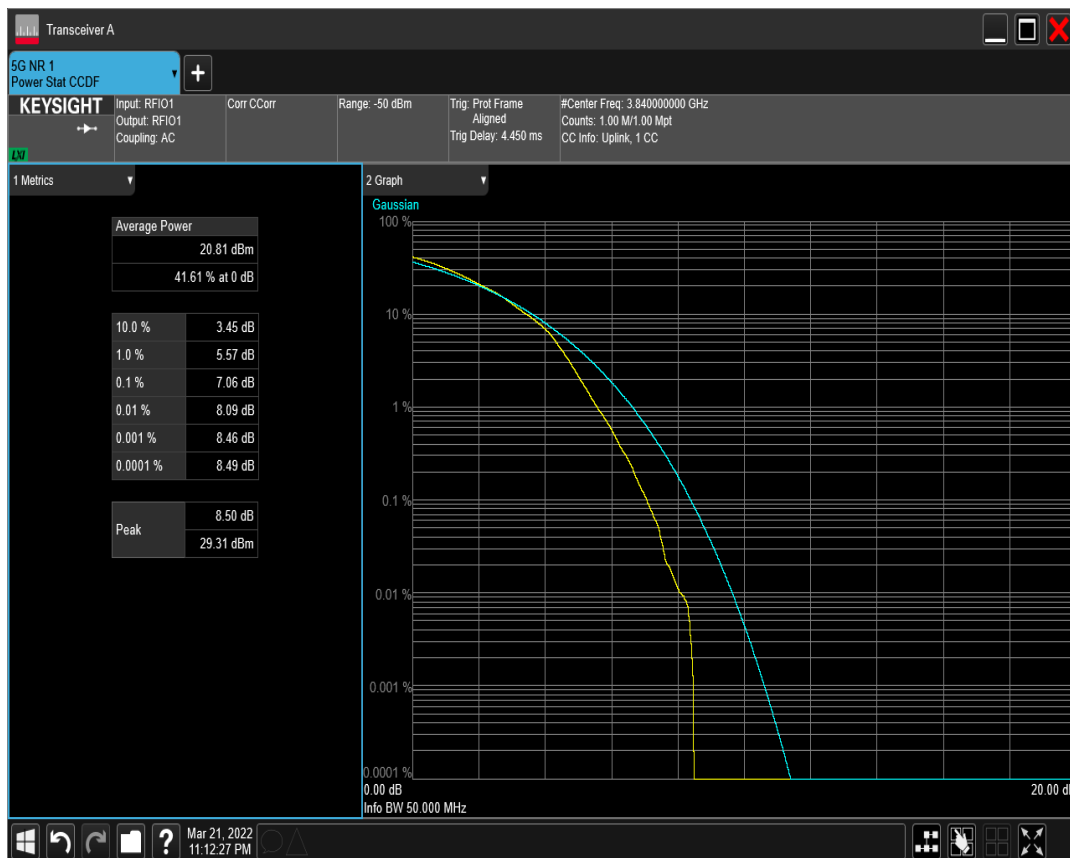
n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz Channel=656000 RB=128@0



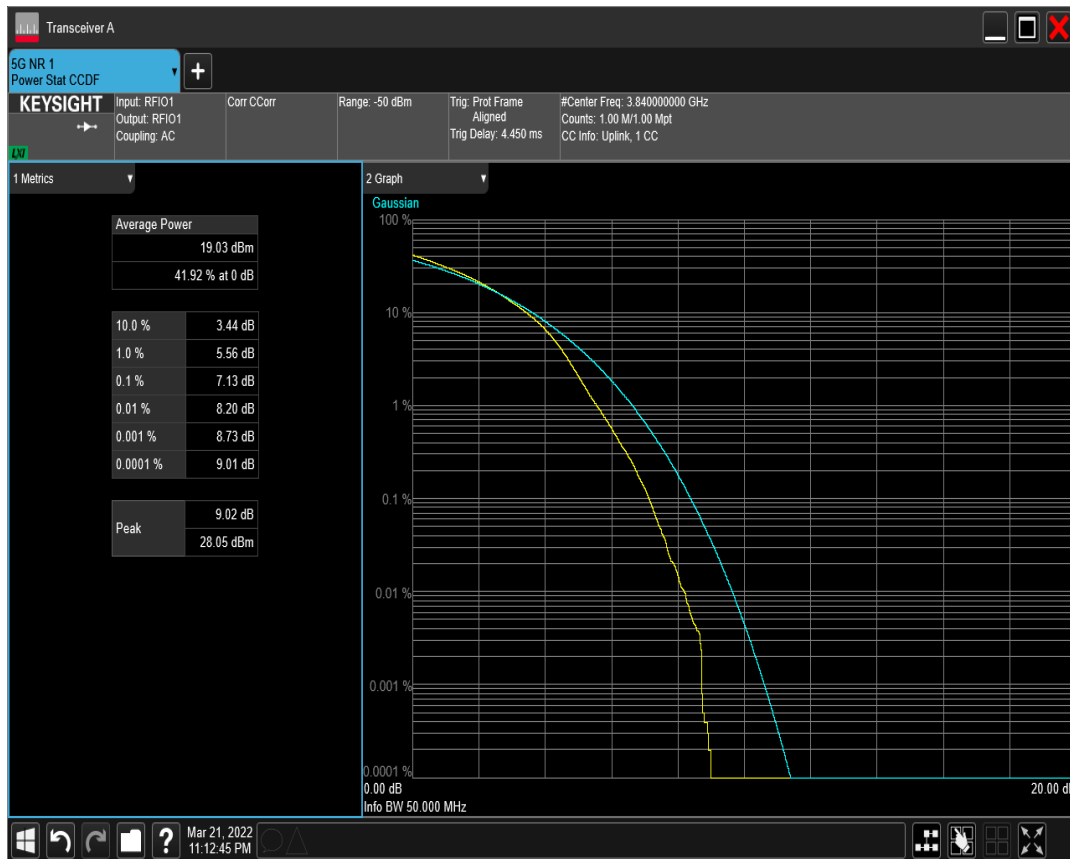
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=50MHz Channel=656000 RB=128@0



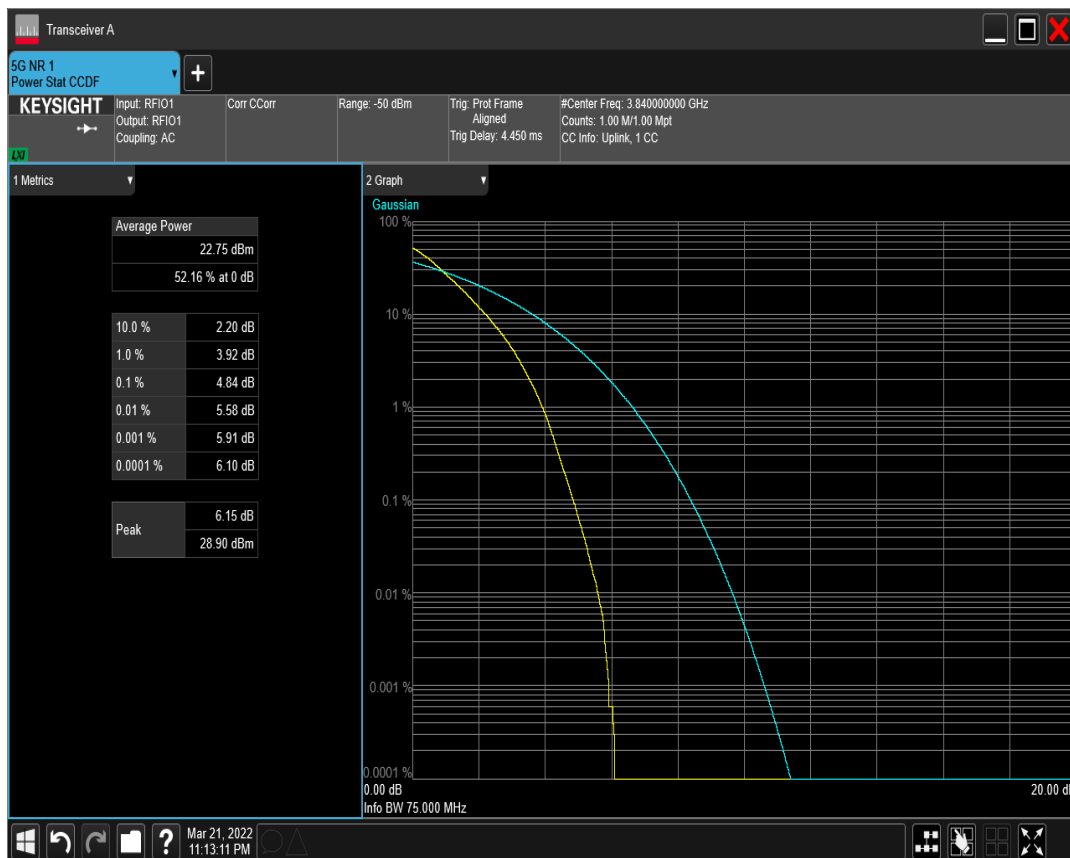
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=50MHz Channel=656000 RB=128@0



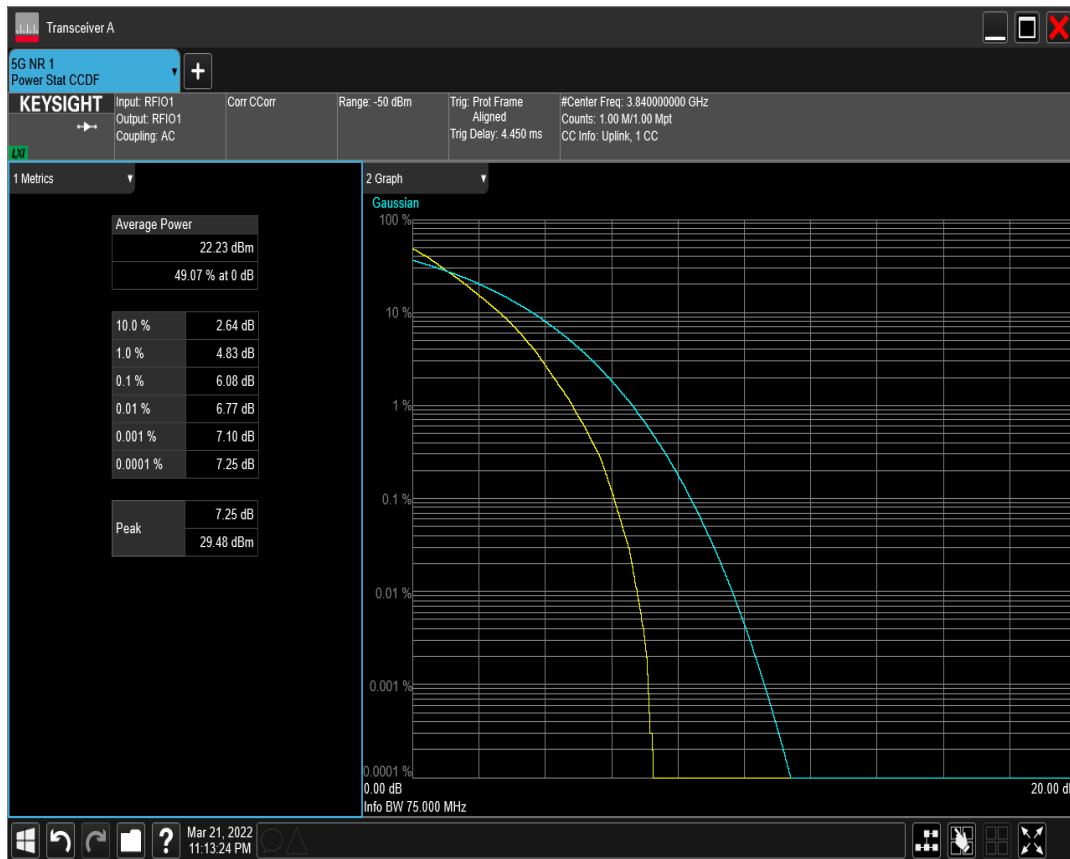
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=50MHz Channel=656000 RB=128@0



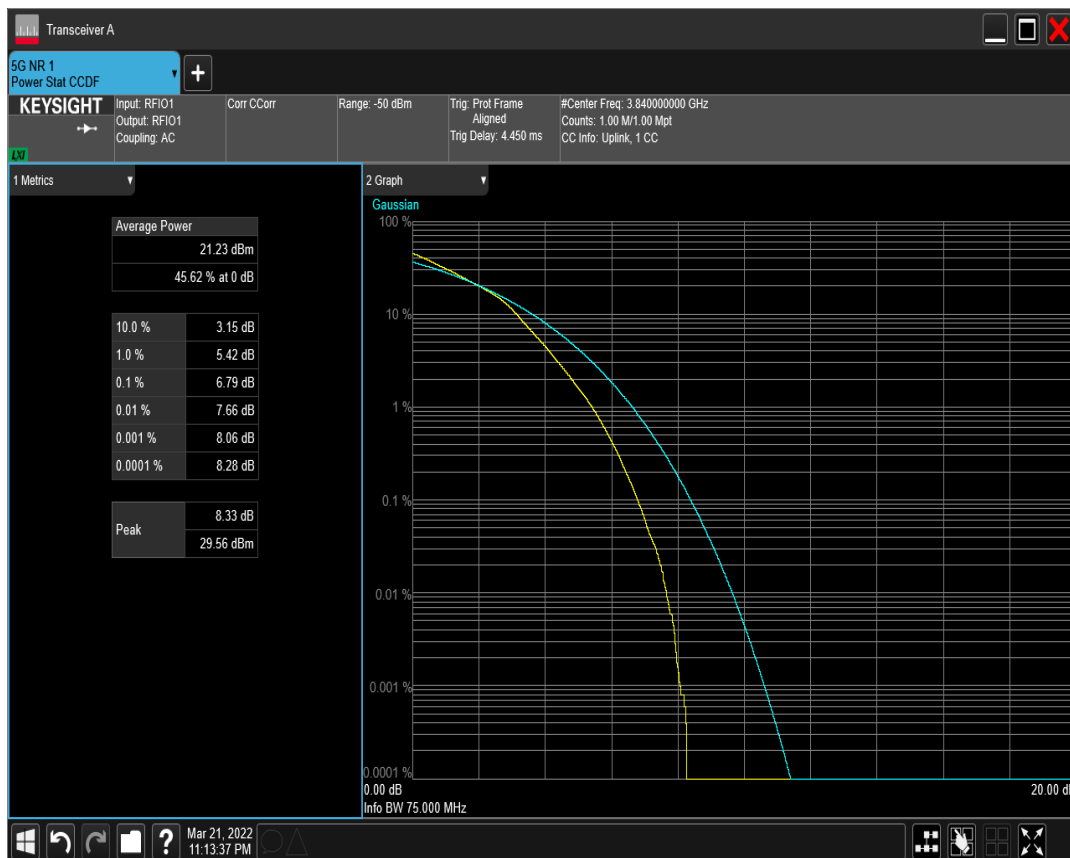
n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz Channel=656000 RB=162@0



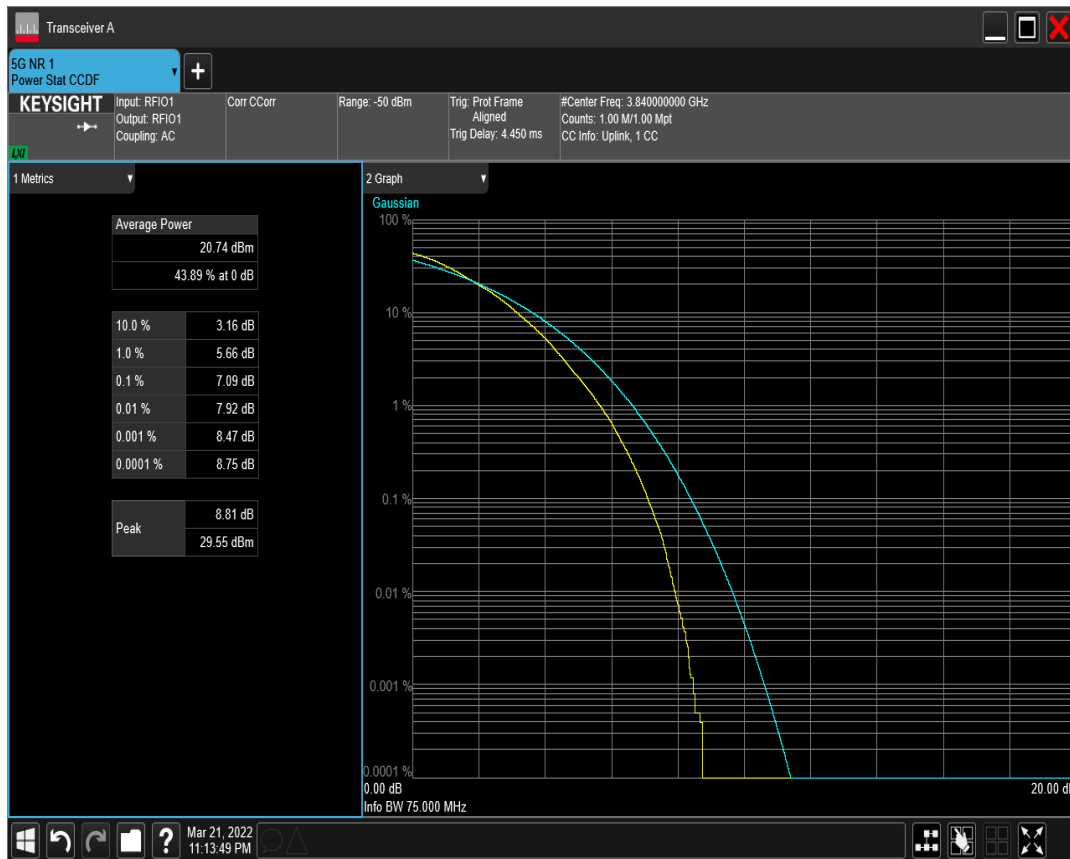
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz Channel=656000 RB=162@0



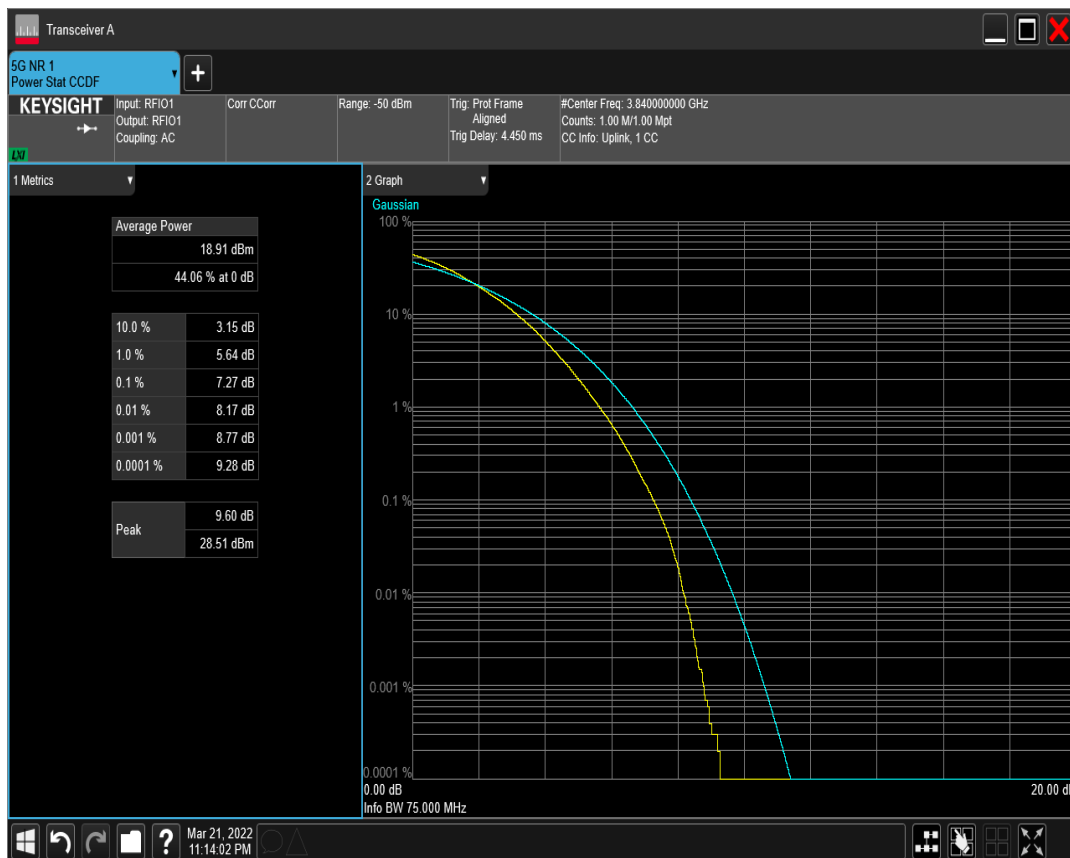
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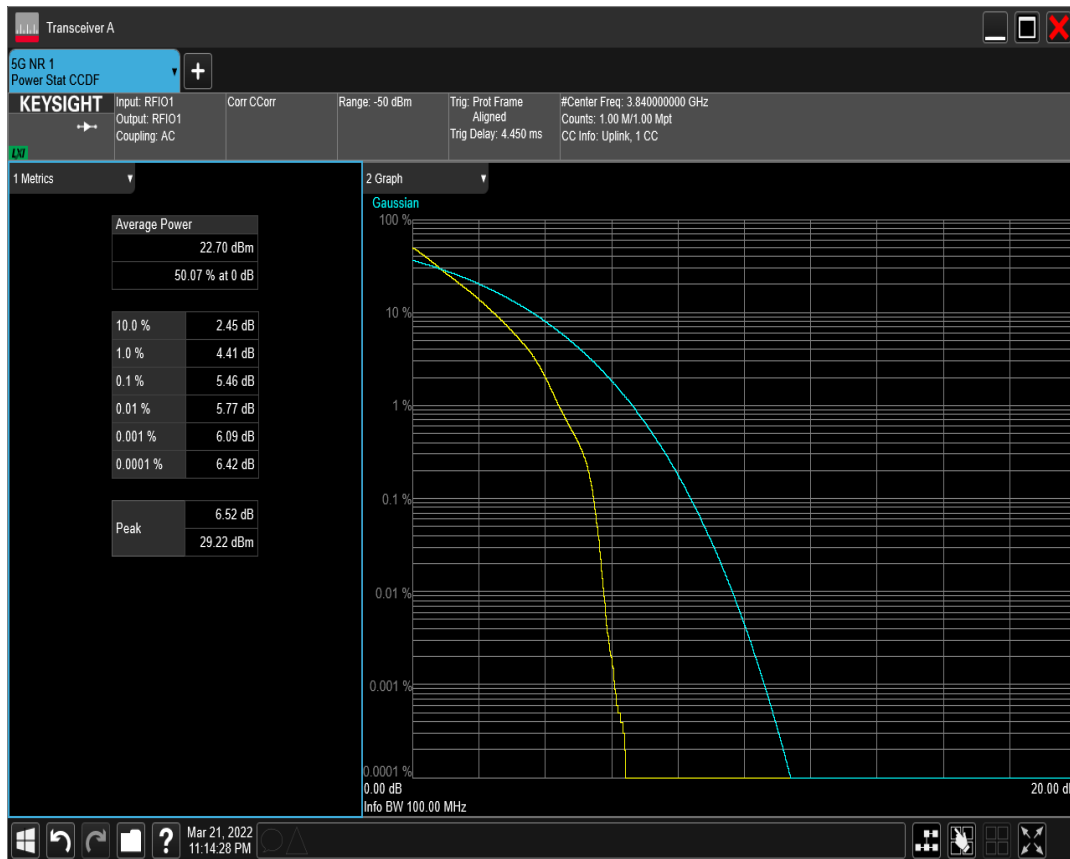
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=60MHz Channel=656000 RB=162@0



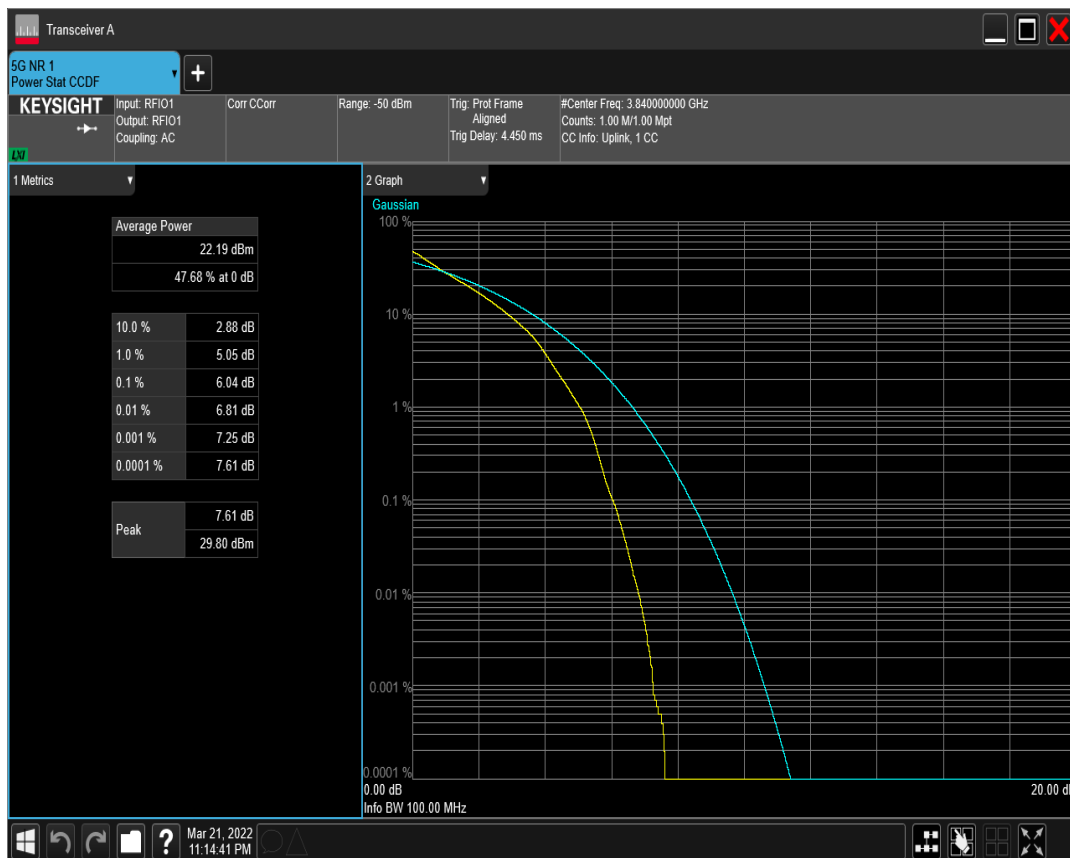
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=60MHz Channel=656000 RB=162@0



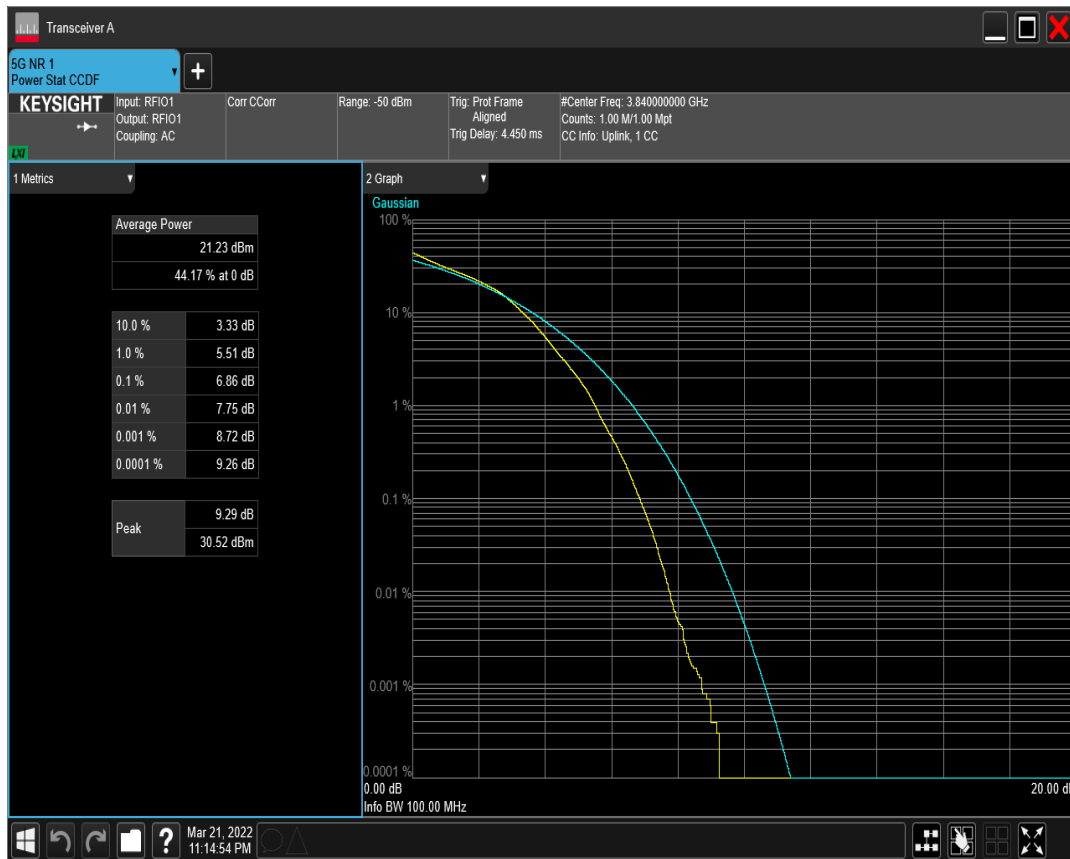
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz Channel=656000 RB=216@0



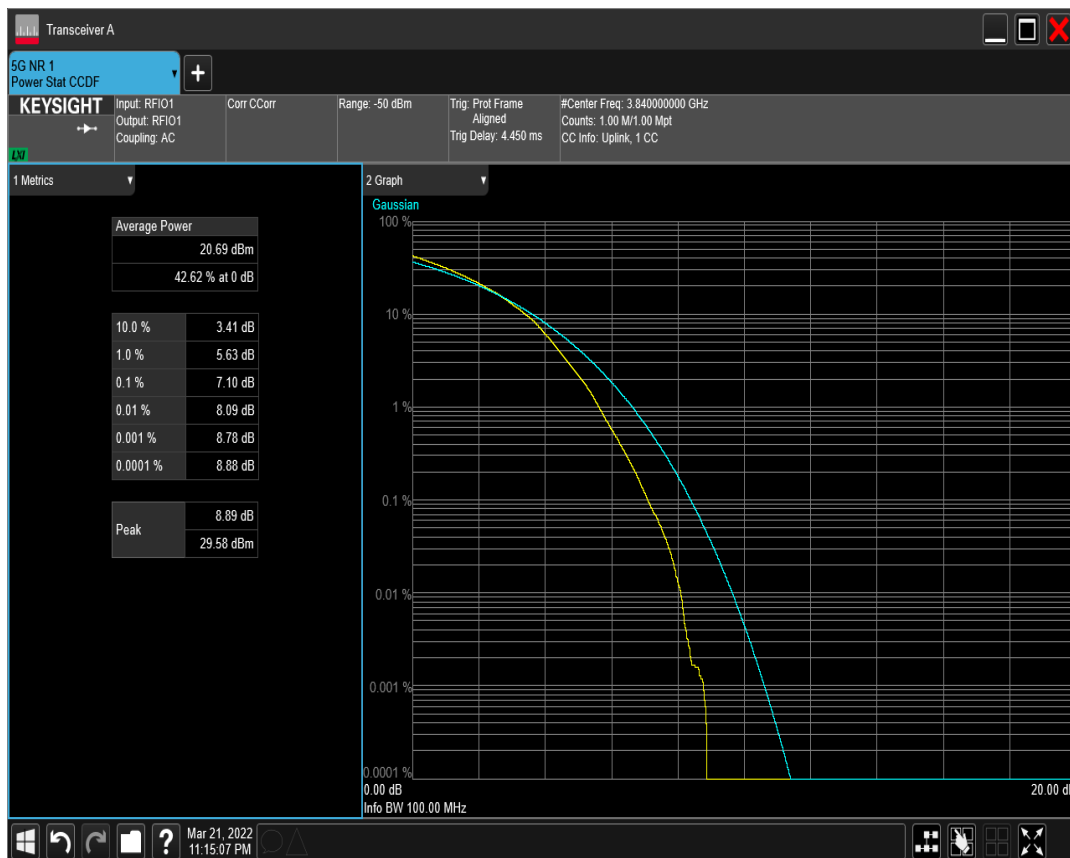
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=656000 RB=216@0



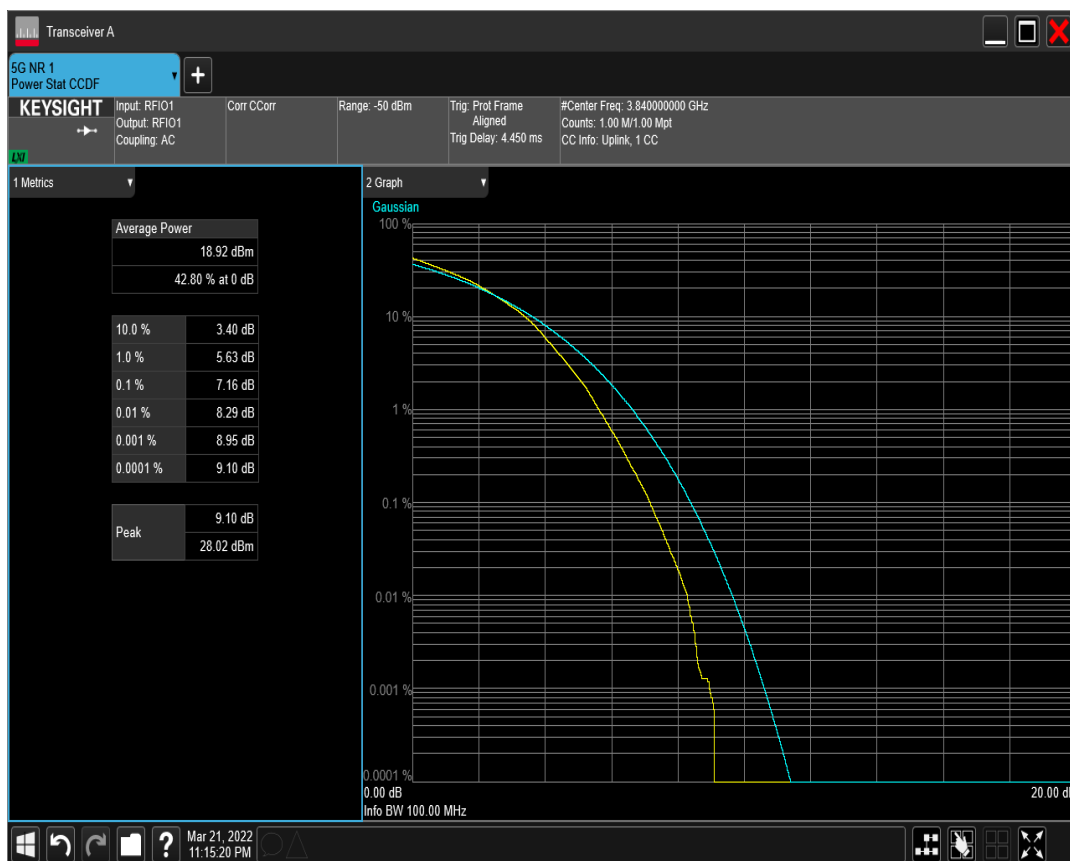
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=80MHz Channel=656000 RB=216@0



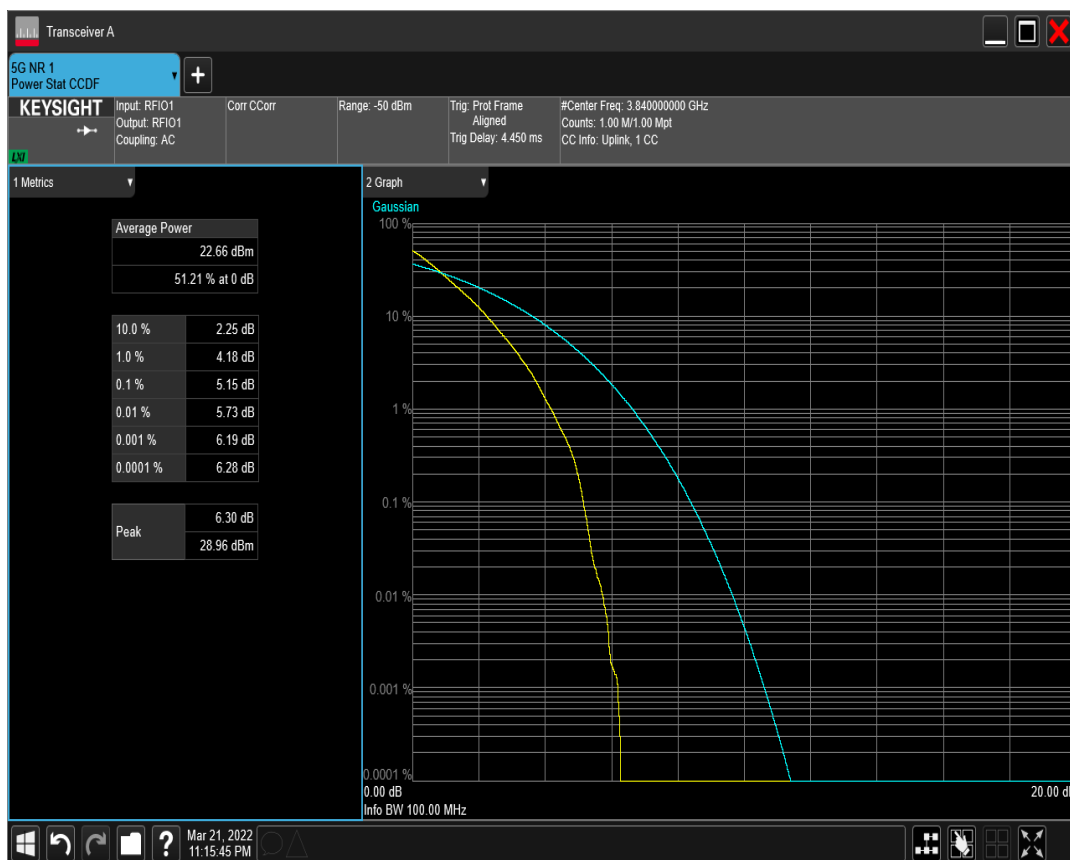
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=80MHz Channel=656000 RB=216@0



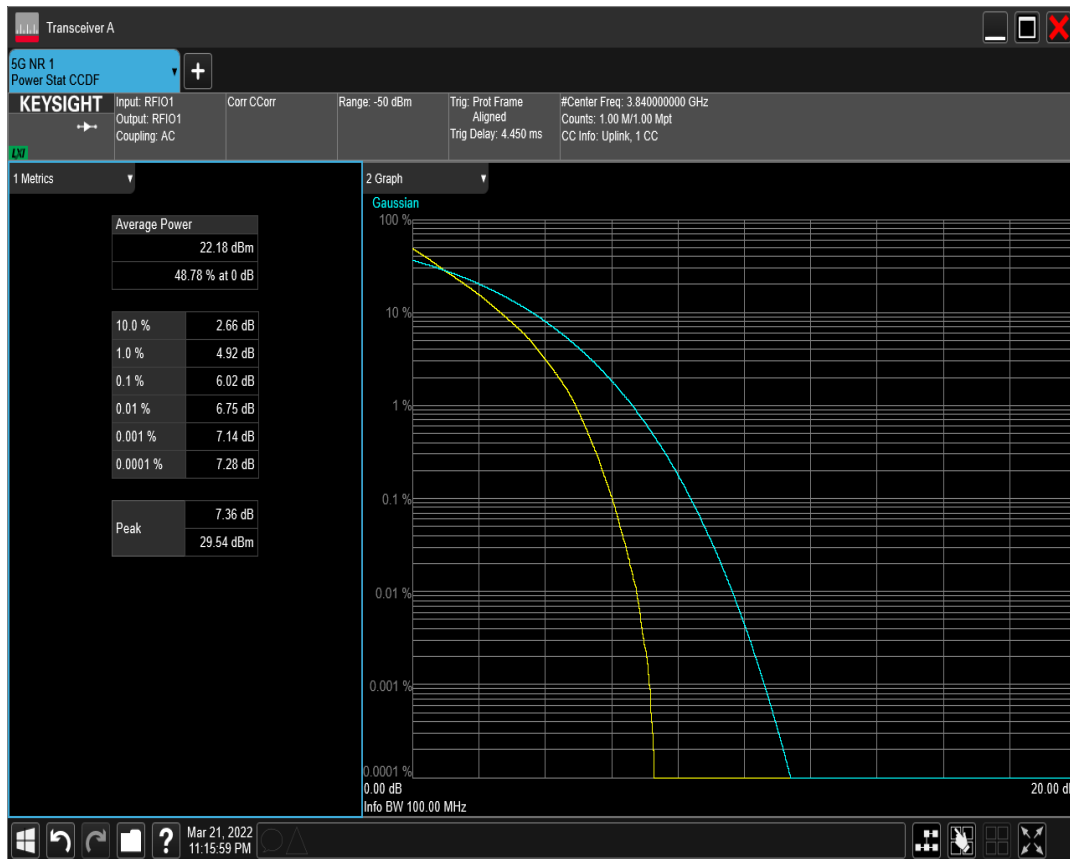
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=80MHz Channel=656000 RB=216@0



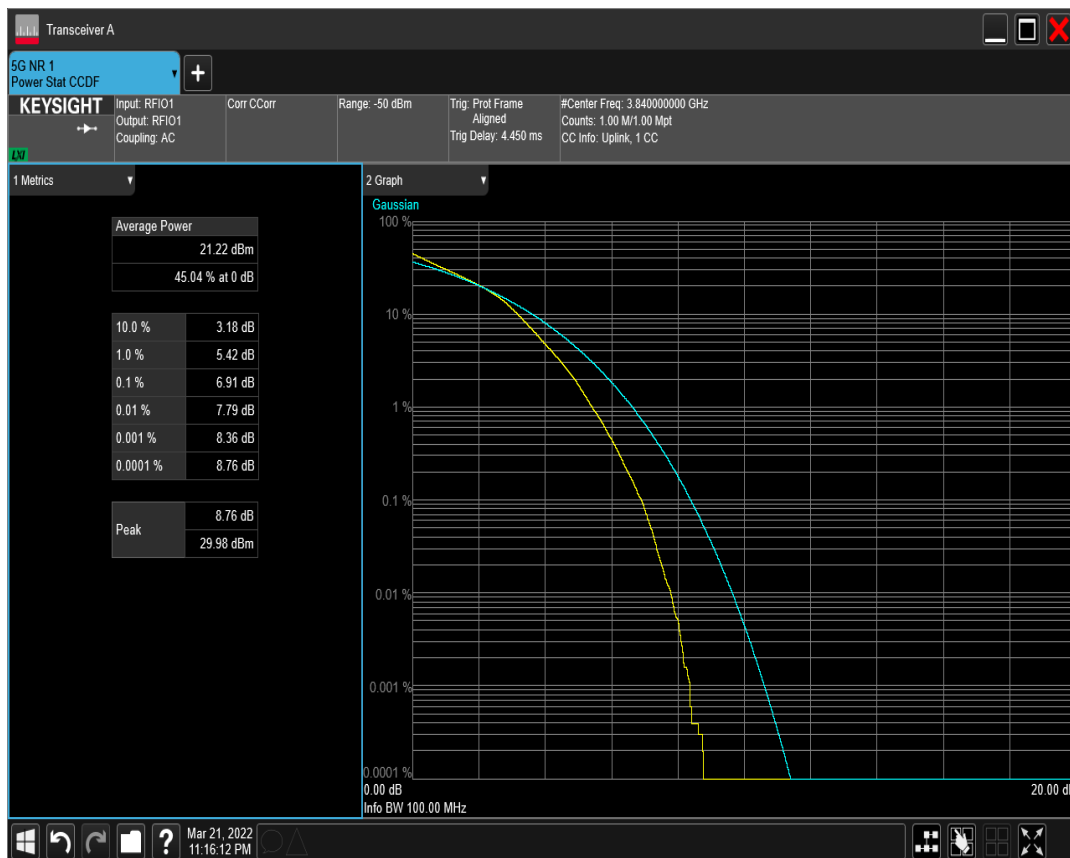
n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz Channel=656000 RB=240@0



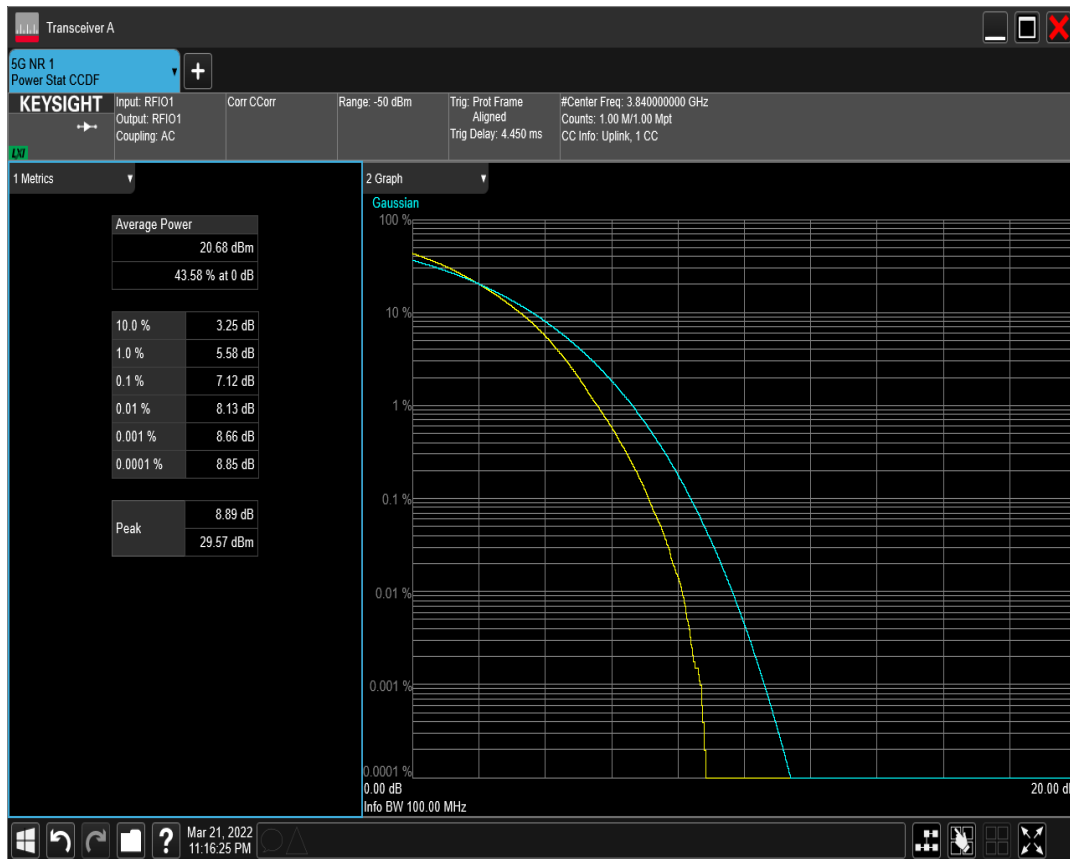
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=656000 RB=240@0



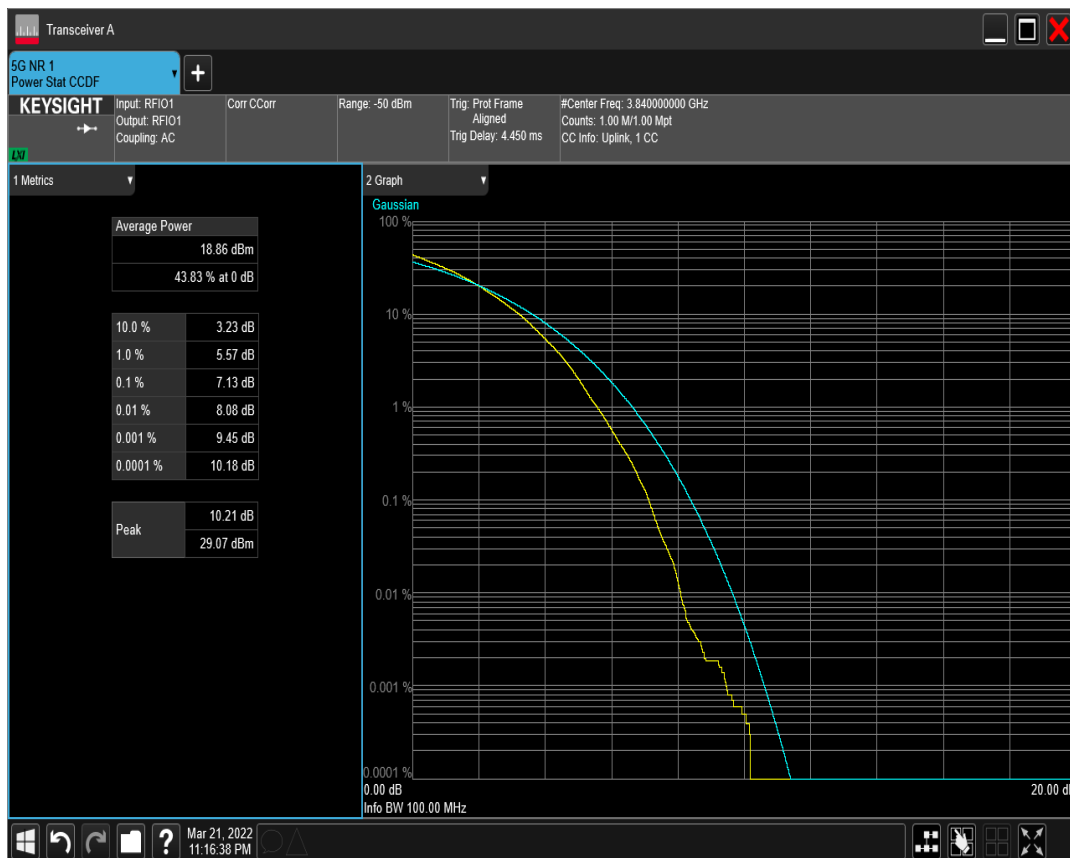
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=90MHz Channel=656000 RB=240@0



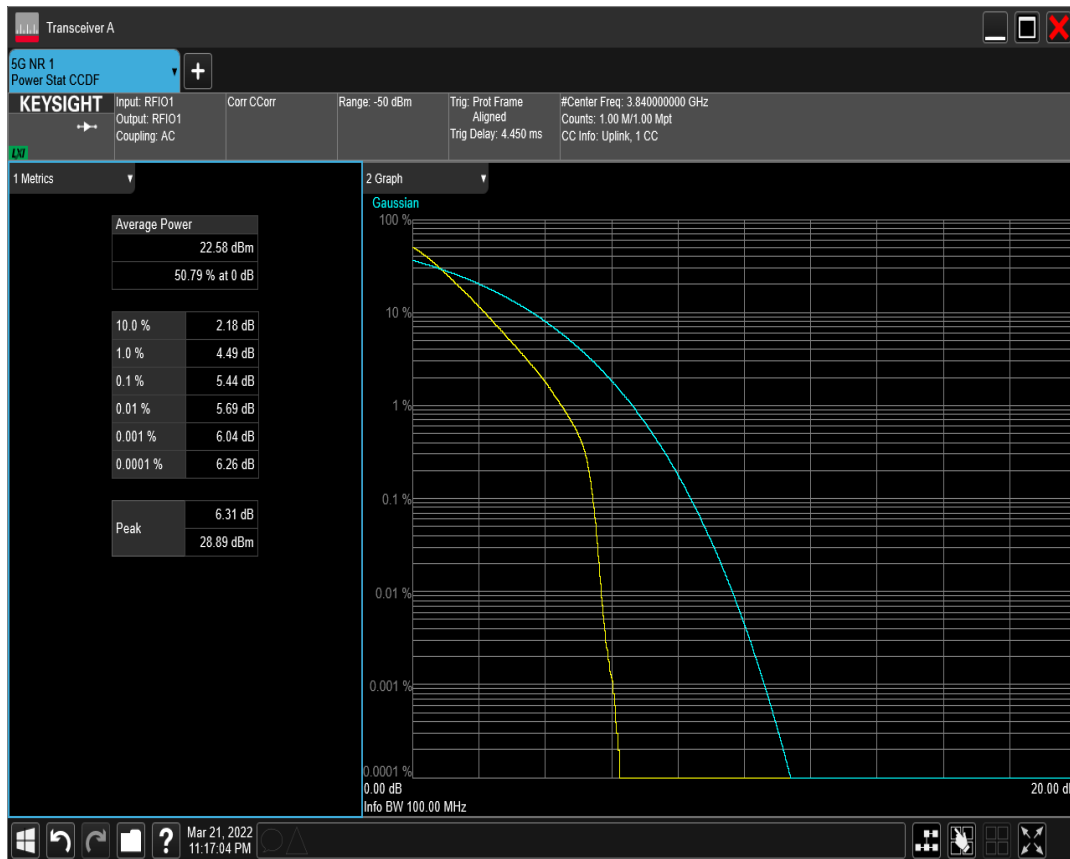
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=656000 RB=240@0



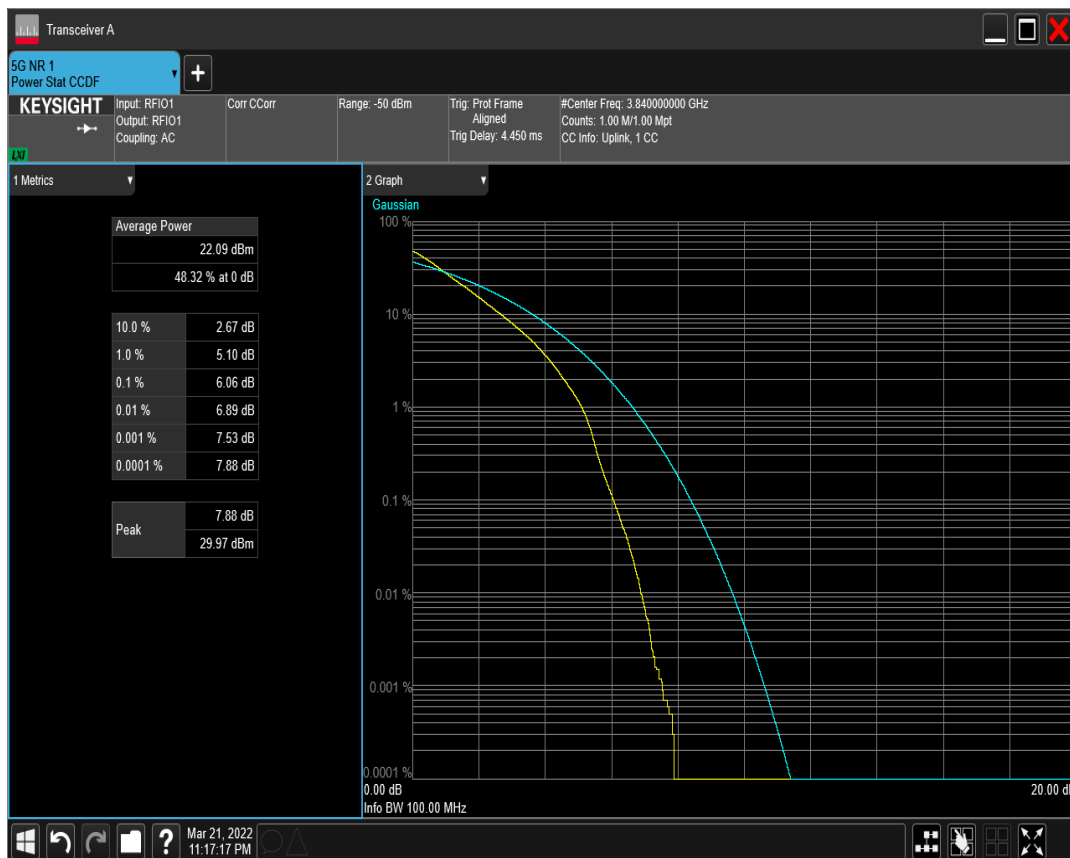
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=90MHz Channel=656000 RB=240@0



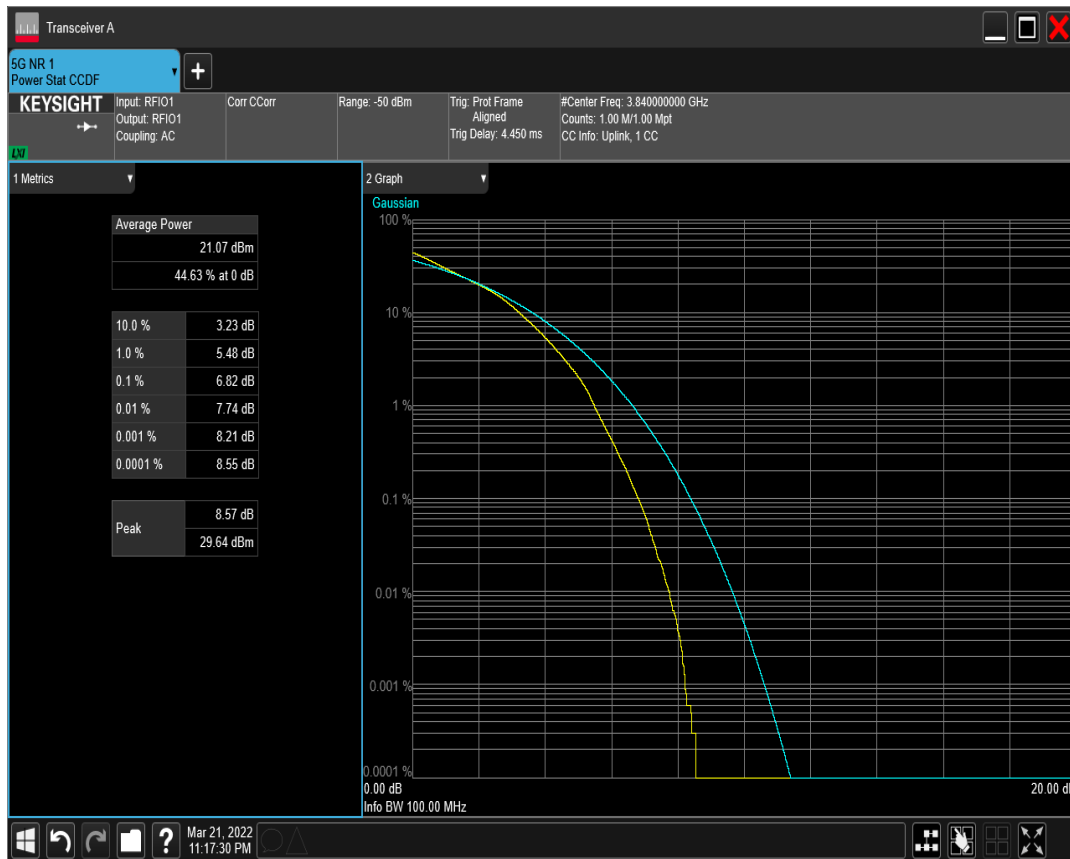
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz Channel=656000 RB=270@0



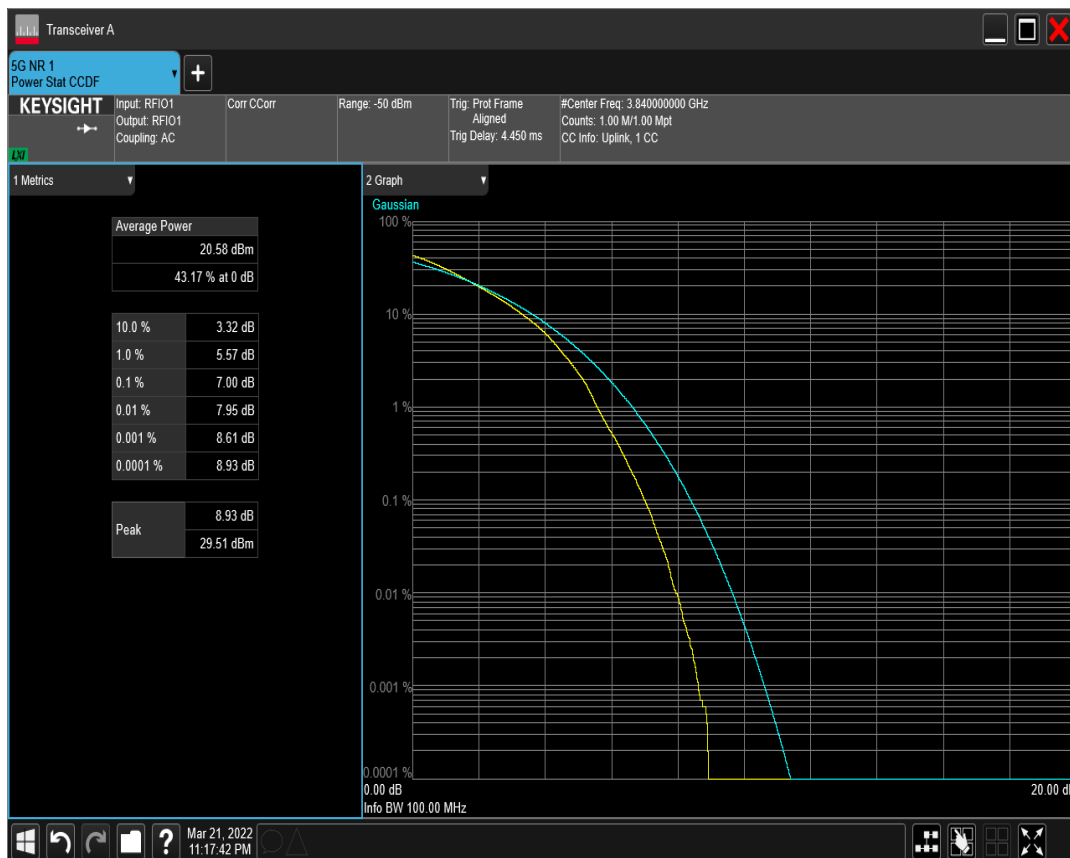
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=270@0



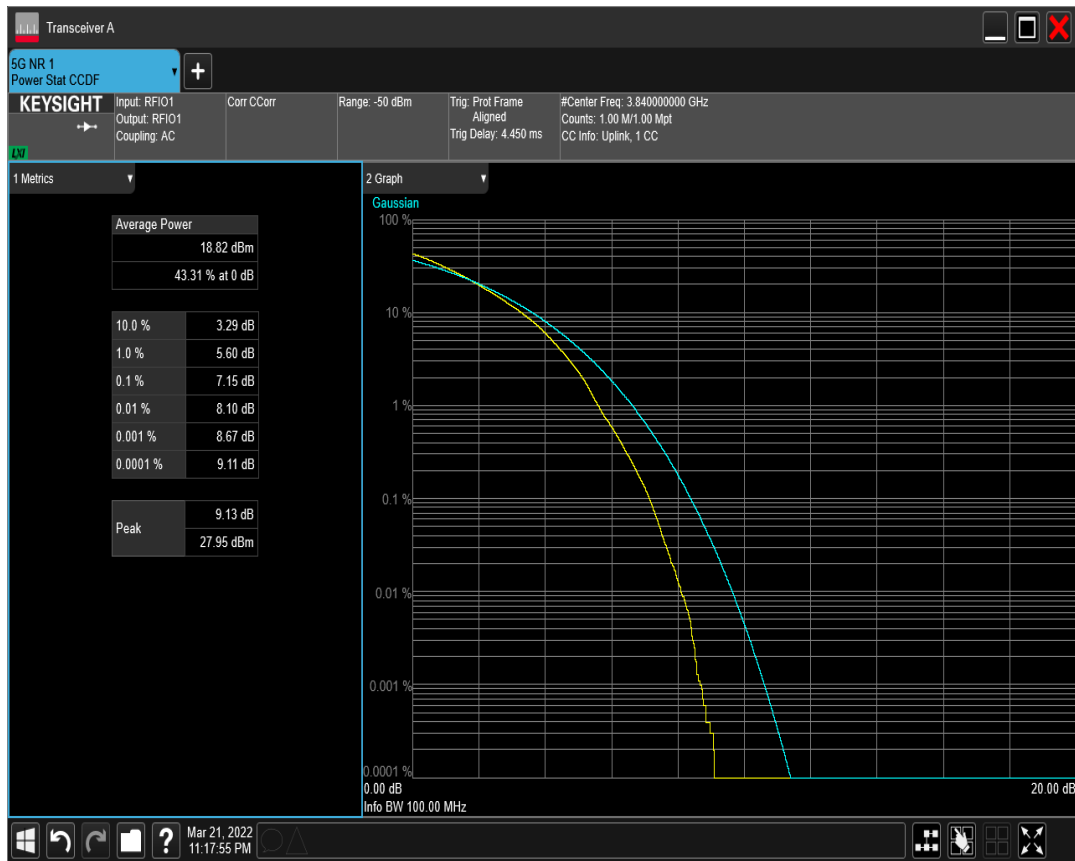
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=100MHz Channel=656000 RB=270@0



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



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



4. Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3700-3980)	30	10	647000	24@0	DFT_BPSK	8.650	9.240	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	8.650	9.280	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM16	8.640	9.270	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM64	8.640	9.250	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM256	8.640	9.210	PASS
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	8.640	9.250	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	8.640	9.210	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	8.610	9.240	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	8.680	9.340	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	8.650	9.290	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	8.640	9.220	PASS
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	8.620	9.230	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	8.640	9.200	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	8.610	9.200	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM16	8.620	9.250	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM64	8.650	9.240	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM256	8.640	9.200	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	8.620	9.240	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	13.510	13.790	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	13.450	13.730	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM16	13.470	13.730	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM64	13.500	13.760	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM256	13.520	13.760	PASS
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	13.640	14.440	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	13.530	13.750	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	13.570	13.800	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	13.510	13.790	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	13.500	13.770	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	13.520	13.760	PASS
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	13.640	14.470	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	13.510	13.750	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	13.520	13.700	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM16	13.500	13.750	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM64	13.460	13.710	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM256	13.510	13.690	PASS
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	13.640	14.440	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	18.110	18.950	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	18.090	18.930	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM16	18.100	18.940	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM64	18.100	18.980	PASS

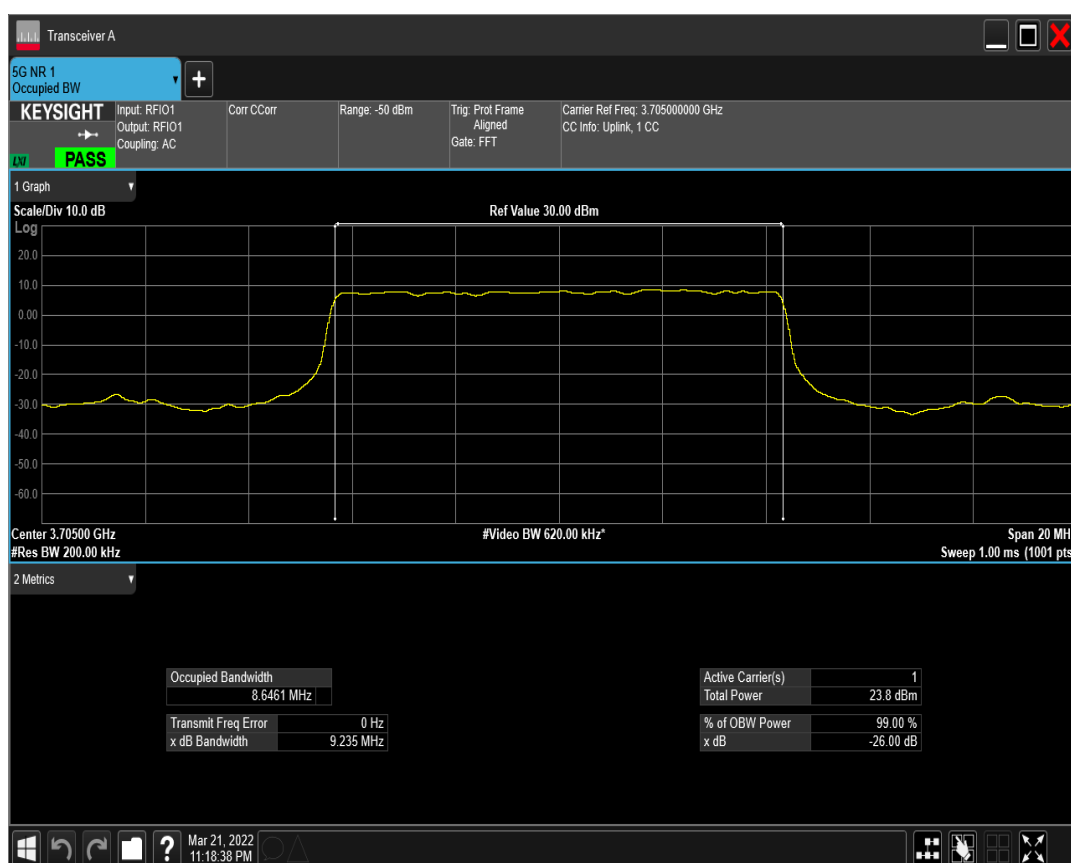
n77(3700-3980)	30	20	647334	50@0	DFT_QAM256	18.090	18.940	PASS
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	18.280	19.340	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	18.170	18.970	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	18.160	18.930	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	18.160	18.930	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	18.100	18.940	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	18.110	18.940	PASS
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	18.280	19.320	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	18.110	18.960	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	18.090	18.930	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM16	18.160	18.930	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM64	18.100	18.930	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM256	18.100	18.930	PASS
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	18.280	19.320	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_BPSK	27.720	28.530	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QPSK	27.640	28.500	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM16	27.630	28.490	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM64	27.640	28.490	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM256	27.610	28.460	PASS
n77(3700-3980)	30	30	647668	78@0	CP_QPSK	27.980	29.580	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_BPSK	27.840	28.550	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	27.730	28.500	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM16	27.730	28.510	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM64	27.740	28.500	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM256	27.610	28.430	PASS
n77(3700-3980)	30	30	656000	78@0	CP_QPSK	28.000	29.590	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_BPSK	27.780	28.530	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QPSK	27.730	28.470	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM16	27.650	28.490	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM64	27.740	28.470	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM256	27.650	28.480	PASS
n77(3700-3980)	30	30	664332	78@0	CP_QPSK	28.010	29.560	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	37.500	37.900	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	37.600	37.890	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM16	37.640	37.900	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM64	37.600	37.910	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM256	37.520	37.880	PASS
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	37.970	40.080	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	37.610	37.920	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	37.670	37.940	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	37.650	37.960	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	37.640	37.930	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	37.630	37.910	PASS
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	37.990	40.110	PASS

n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	37.610	37.890	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	37.610	37.890	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM16	37.660	37.900	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM64	37.610	37.890	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM256	37.620	37.880	PASS
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	37.990	40.070	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	47.100	48.450	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	47.060	48.430	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM16	47.050	48.420	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM64	47.090	48.430	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM256	47.070	48.390	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	47.650	50.280	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	47.250	48.470	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	47.210	48.450	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	47.210	48.490	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	47.220	48.460	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	47.230	48.410	PASS
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	47.670	50.330	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	46.890	48.380	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	47.020	48.360	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM16	47.020	48.370	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM64	47.030	48.380	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM256	47.040	48.350	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	47.650	50.240	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	58.080	61.090	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	57.940	61.060	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM16	58.090	61.080	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM64	57.940	61.060	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM256	57.940	61.010	PASS
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	57.960	61.100	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	57.960	61.060	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	58.090	61.100	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	58.100	61.100	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	58.110	61.110	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	57.960	61.040	PASS
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	58.100	61.120	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	57.950	61.020	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	57.960	61.040	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM16	57.960	61.020	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM64	57.950	61.030	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM256	58.090	61.010	PASS
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	58.080	61.060	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	77.510	81.450	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	77.510	81.440	PASS

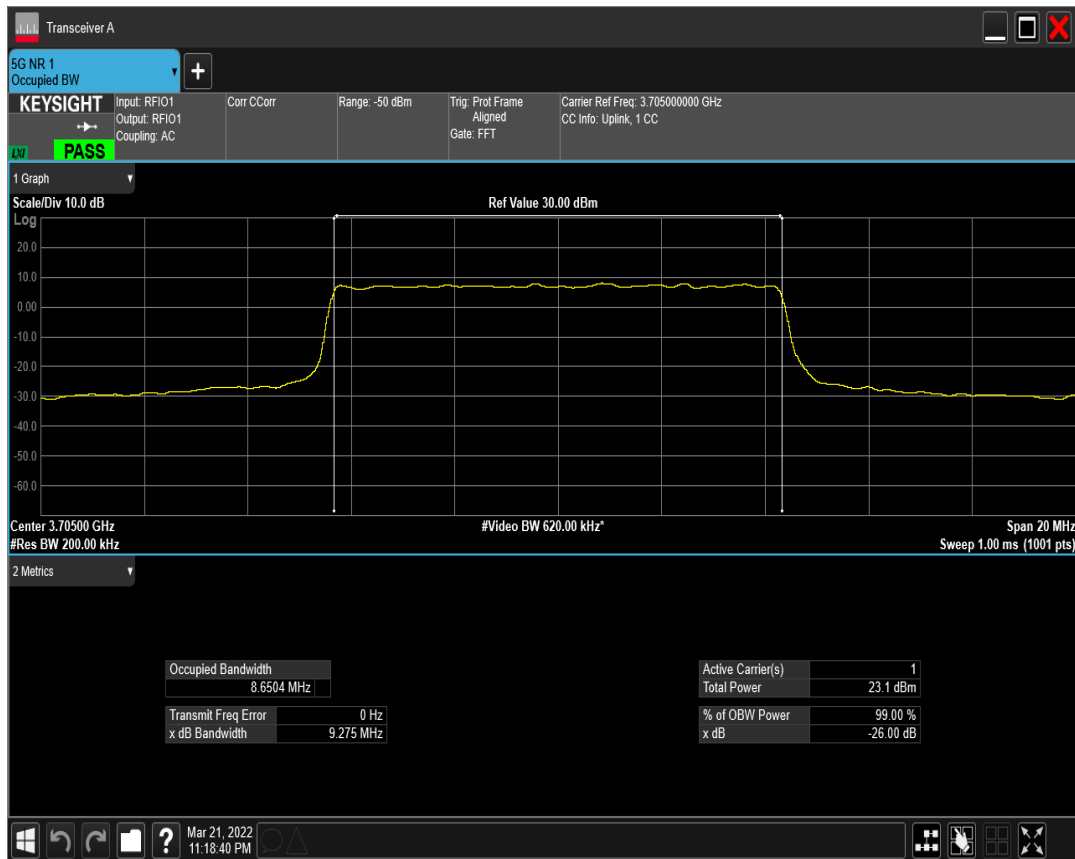
n77(3700-3980)	30	80	649334	216@0	DFT_QAM16	77.500	81.430	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM64	77.470	81.390	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM256	77.470	81.390	PASS
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	77.790	81.840	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	77.530	81.420	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	77.560	81.450	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM16	77.540	81.430	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM64	77.510	81.410	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM256	77.540	81.430	PASS
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	77.830	81.870	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	77.510	81.420	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	77.510	81.420	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM16	77.510	81.420	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM64	77.480	81.380	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM256	77.520	81.430	PASS
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	77.820	81.820	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_BPSK	86.810	90.710	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QPSK	86.770	90.680	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM16	86.770	90.660	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM64	86.840	90.690	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM256	86.770	90.590	PASS
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	87.650	92.460	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_BPSK	86.910	90.700	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QPSK	86.860	90.700	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM16	86.860	90.690	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM64	86.930	90.700	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM256	86.860	90.610	PASS
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	87.850	92.490	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_BPSK	86.570	90.620	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QPSK	86.530	90.620	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM16	86.520	90.580	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM64	86.770	90.620	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM256	86.530	90.560	PASS
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	87.640	92.400	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	96.810	101.770	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	96.850	101.790	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM16	96.890	101.800	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM64	96.870	101.760	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM256	96.870	101.730	PASS
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	97.670	102.890	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	96.870	101.770	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	96.910	101.800	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM16	96.910	101.760	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM64	96.910	101.770	PASS

n77(3700-3980)	30	100	656000	270@0	DFT_QAM256	96.930	101.770	PASS
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	97.670	102.930	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	96.600	101.730	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	96.600	101.720	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM16	96.870	101.760	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM64	96.850	101.750	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM256	96.850	101.740	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	97.670	102.850	PASS

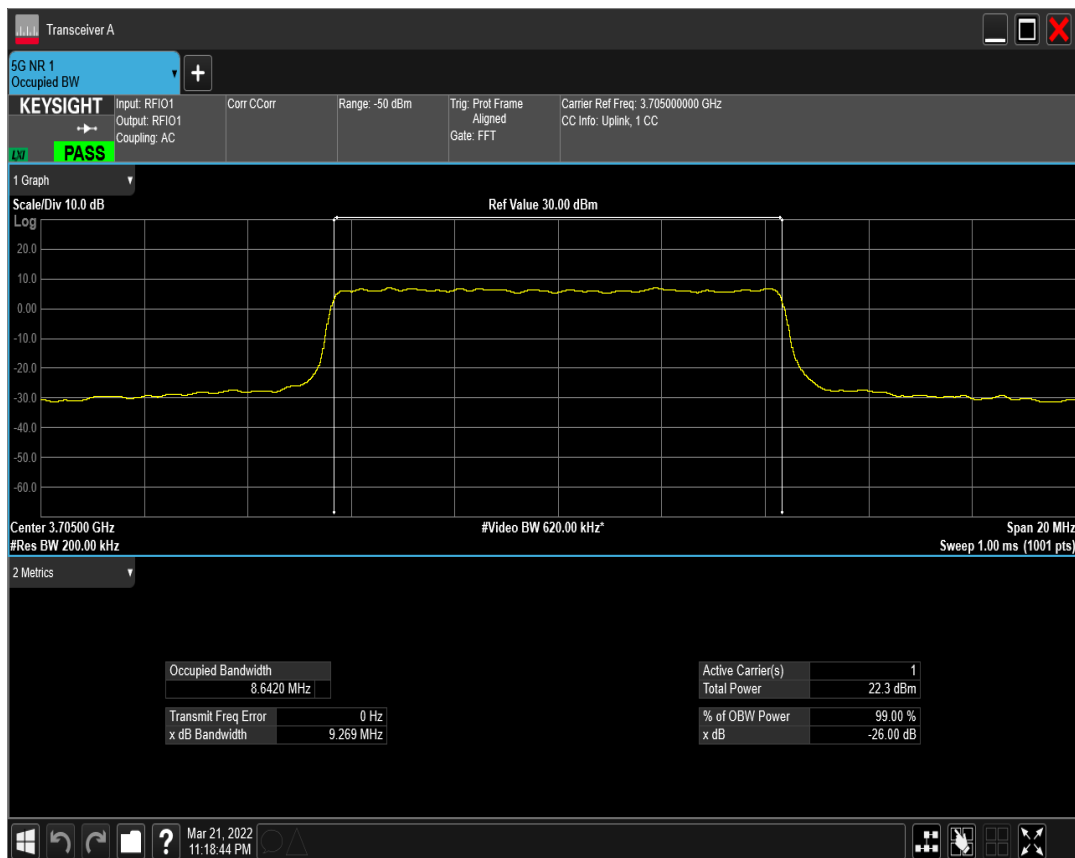
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz Channel=647000 RB=24@0



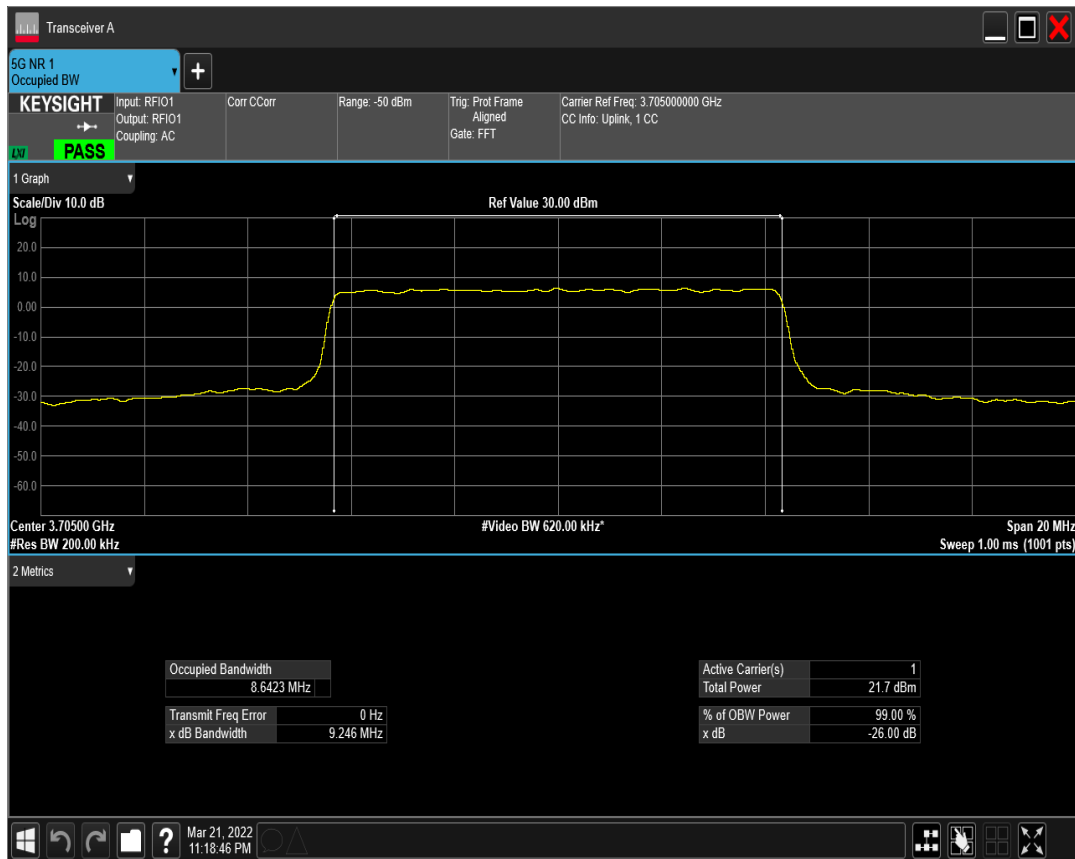
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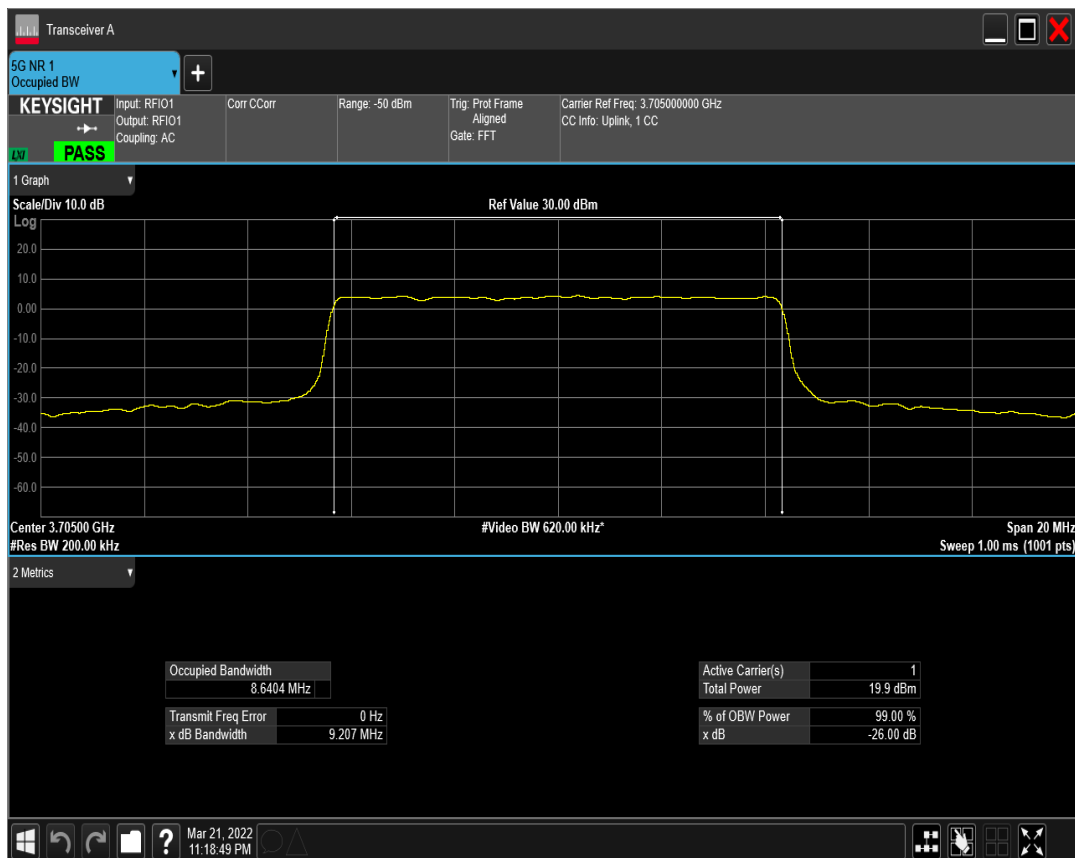
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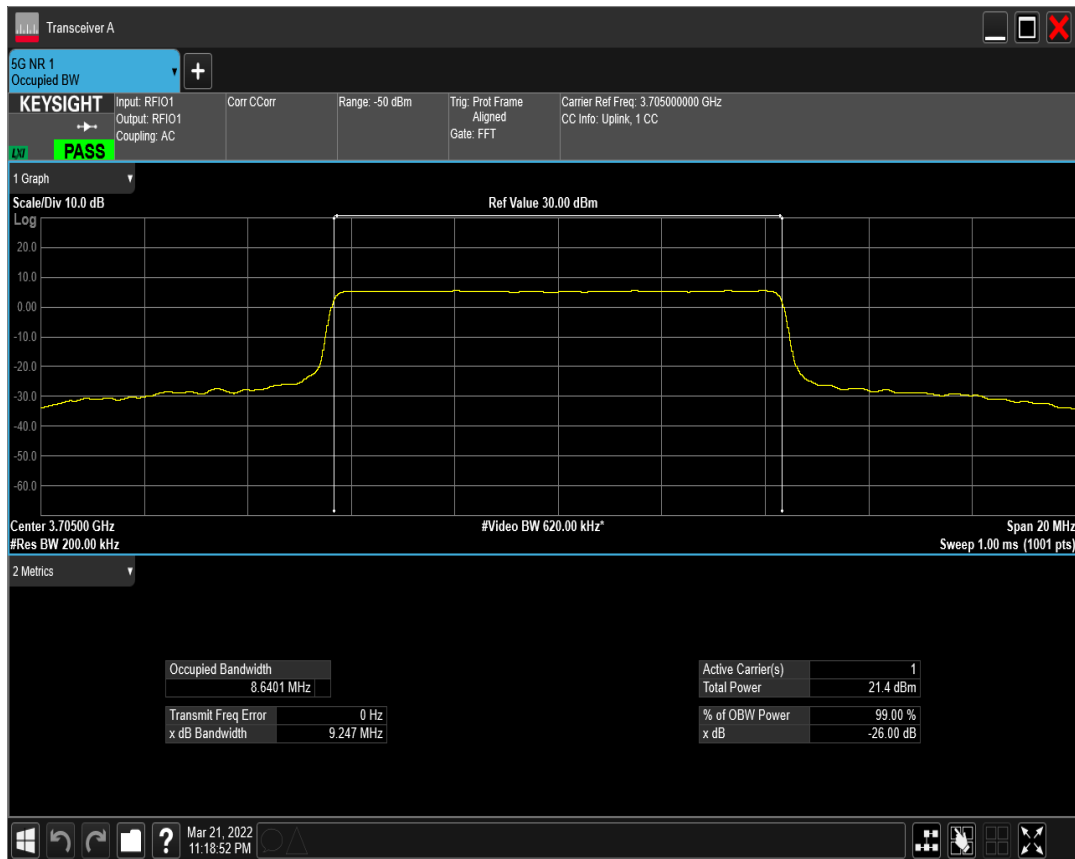
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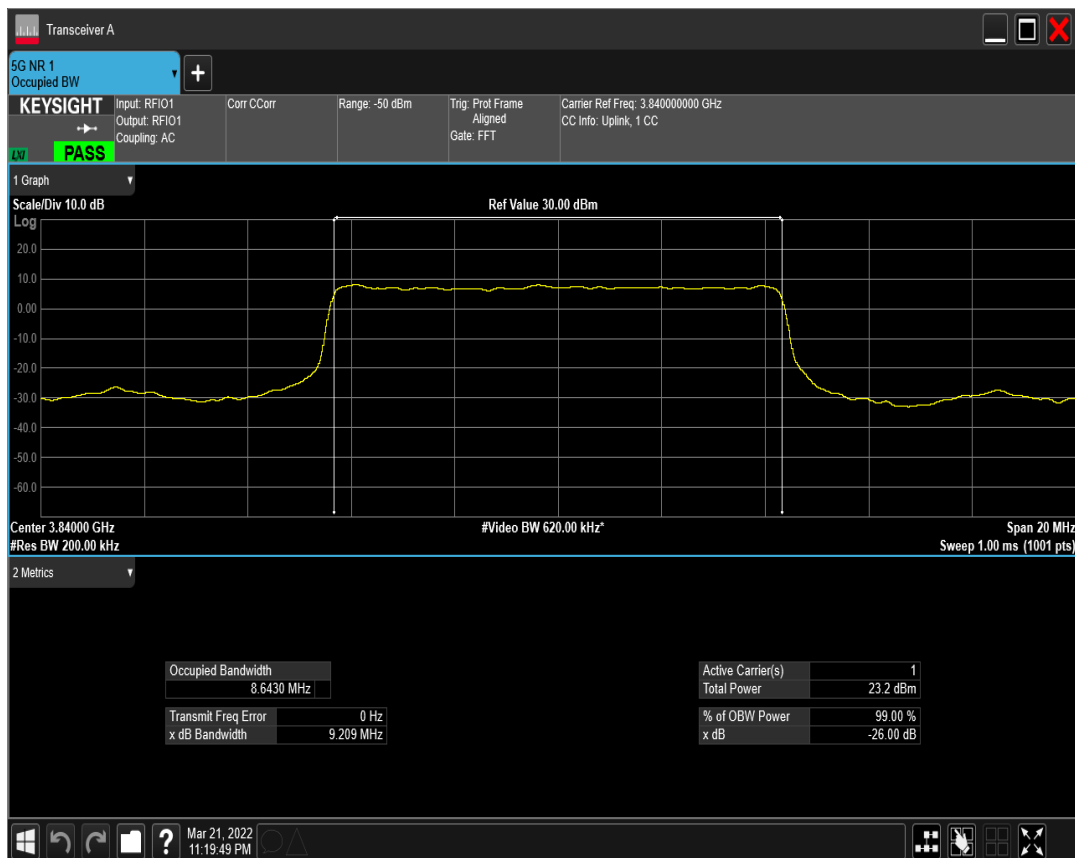
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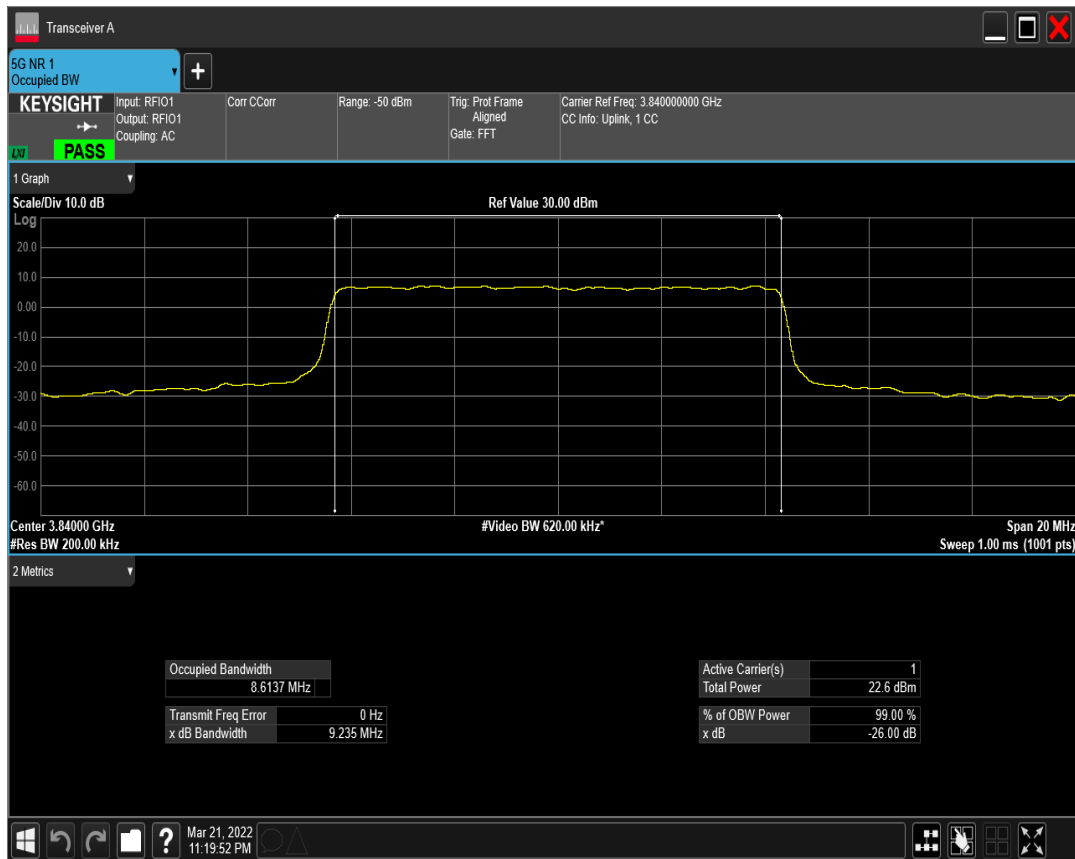
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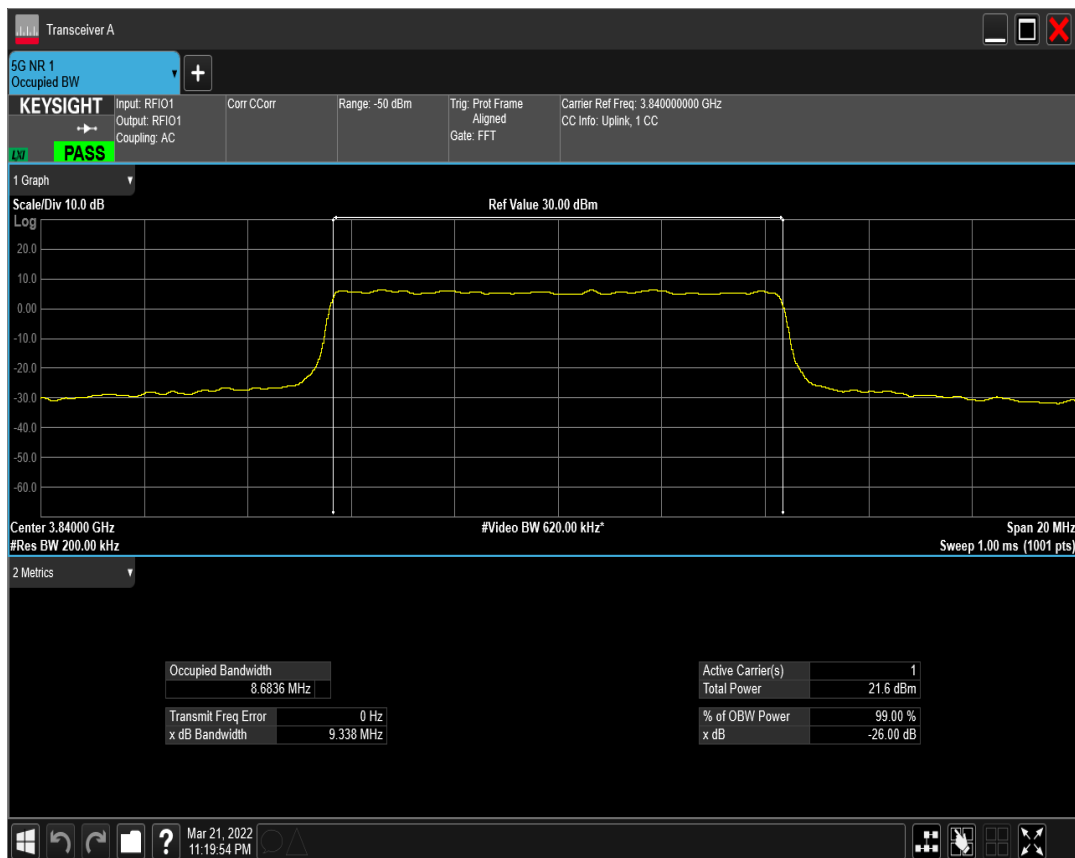
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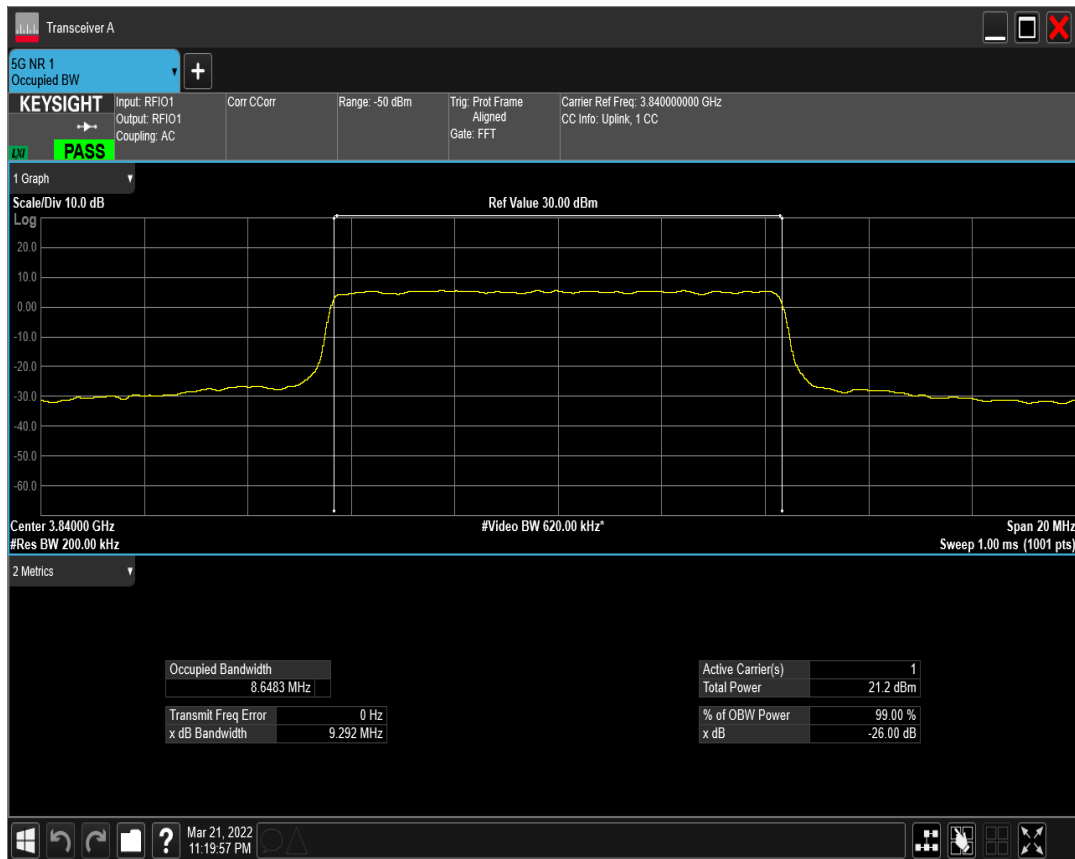
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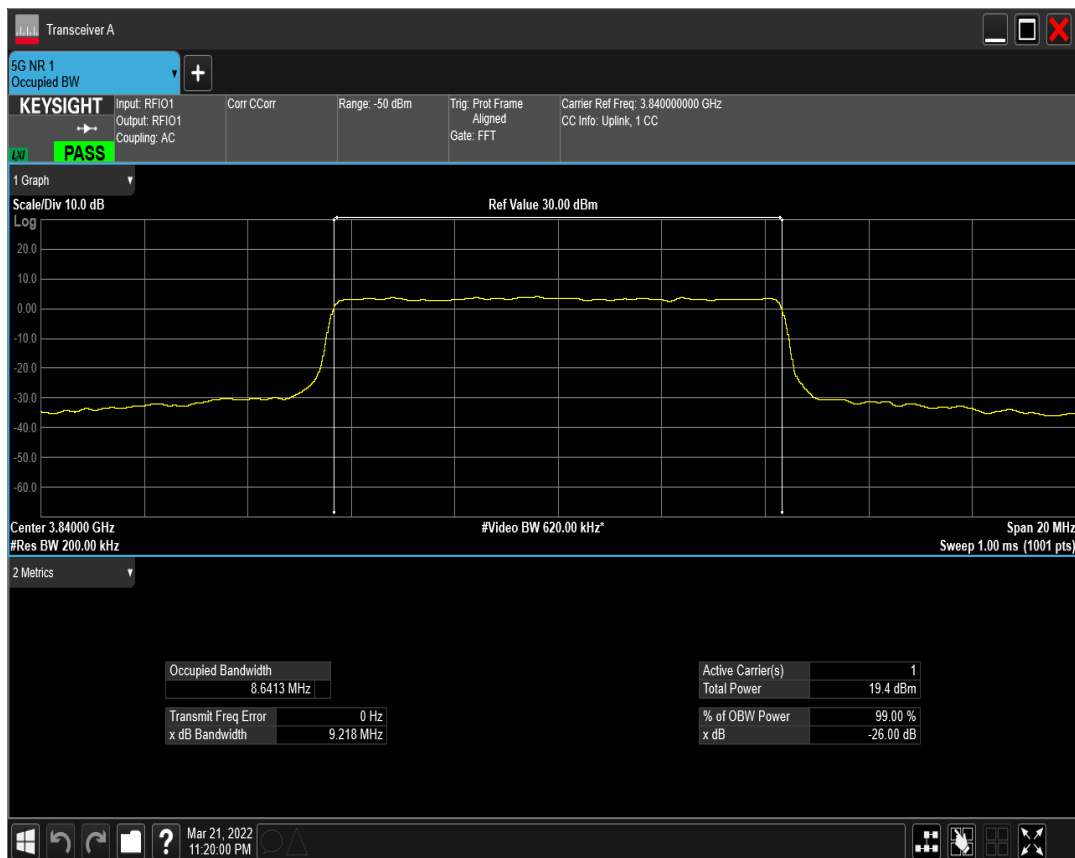
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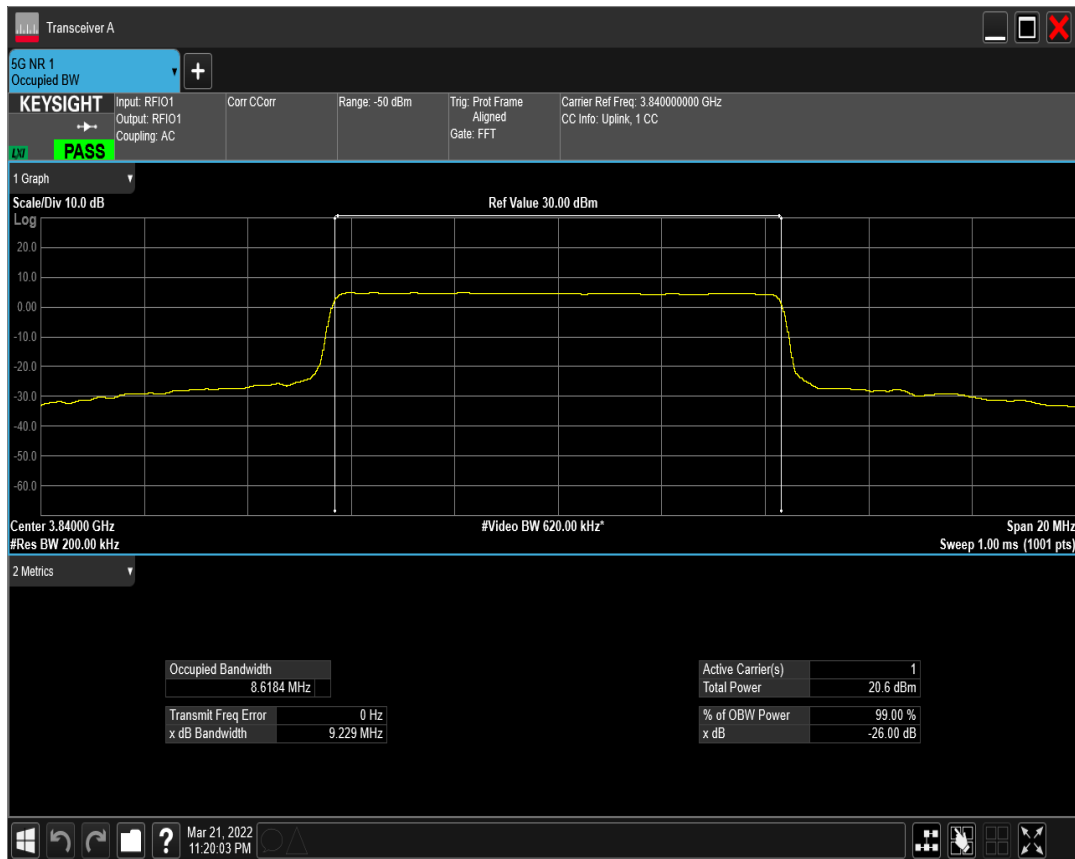
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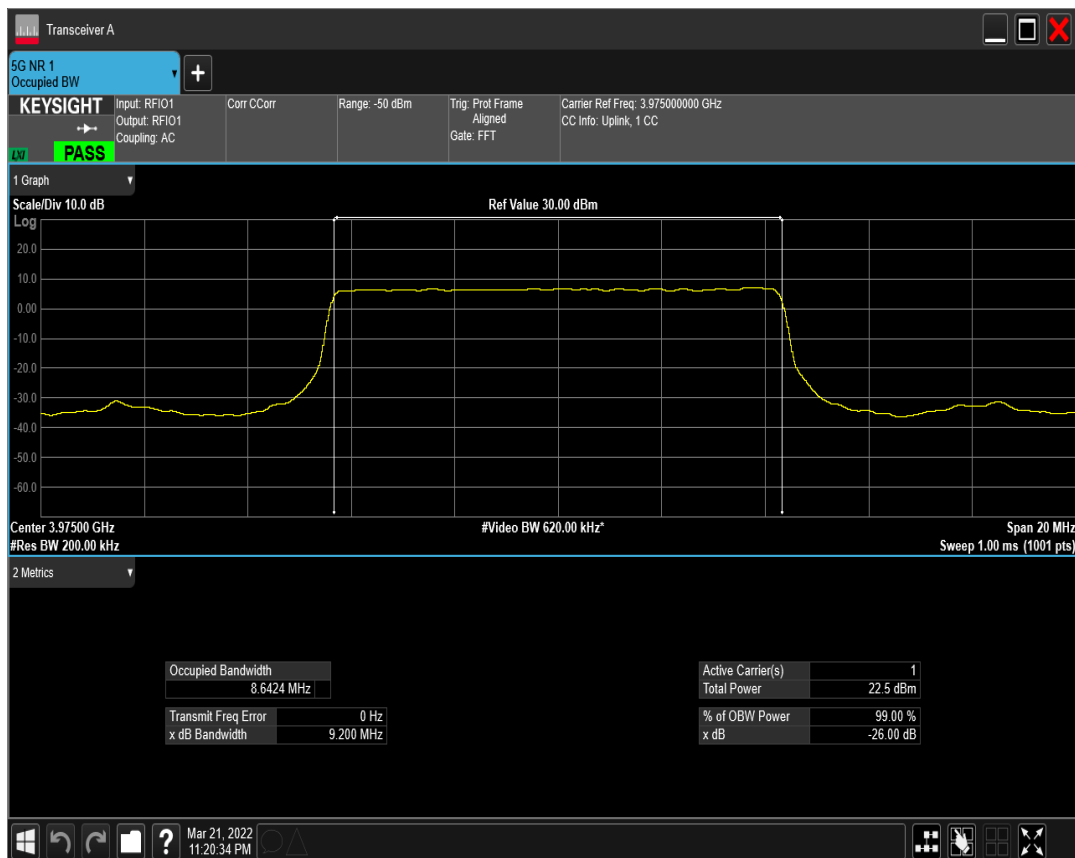
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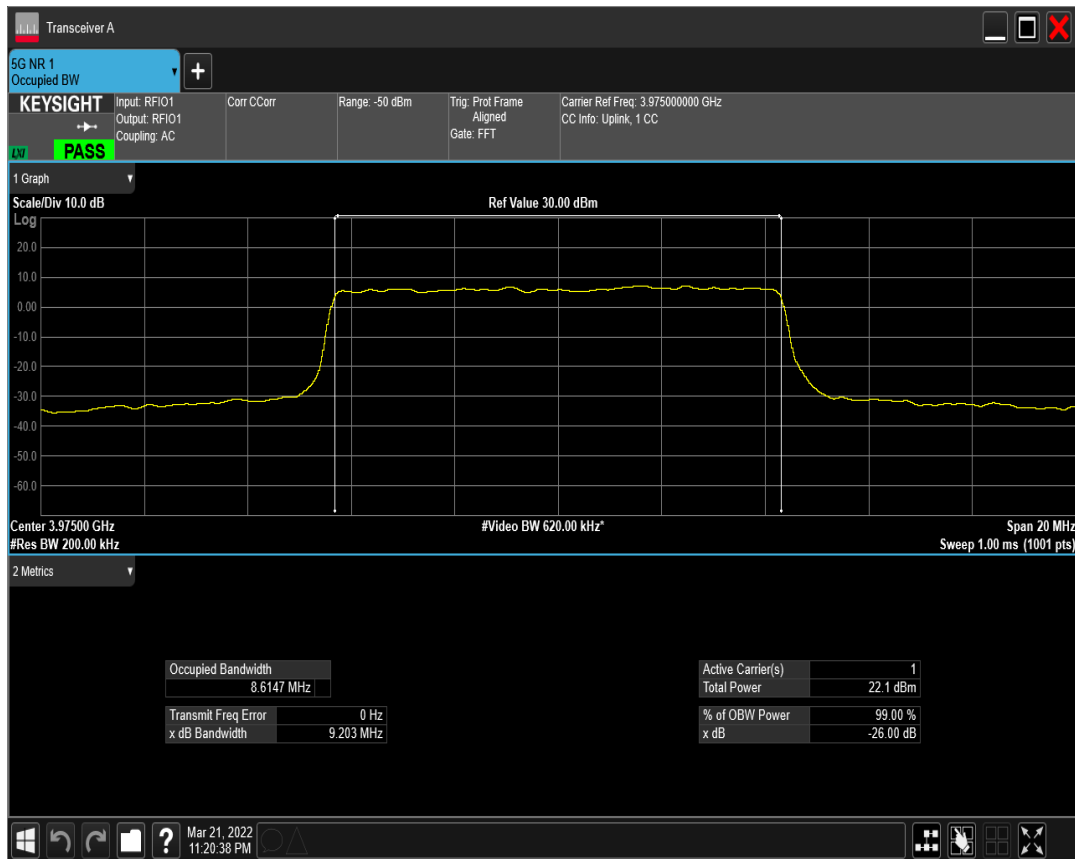
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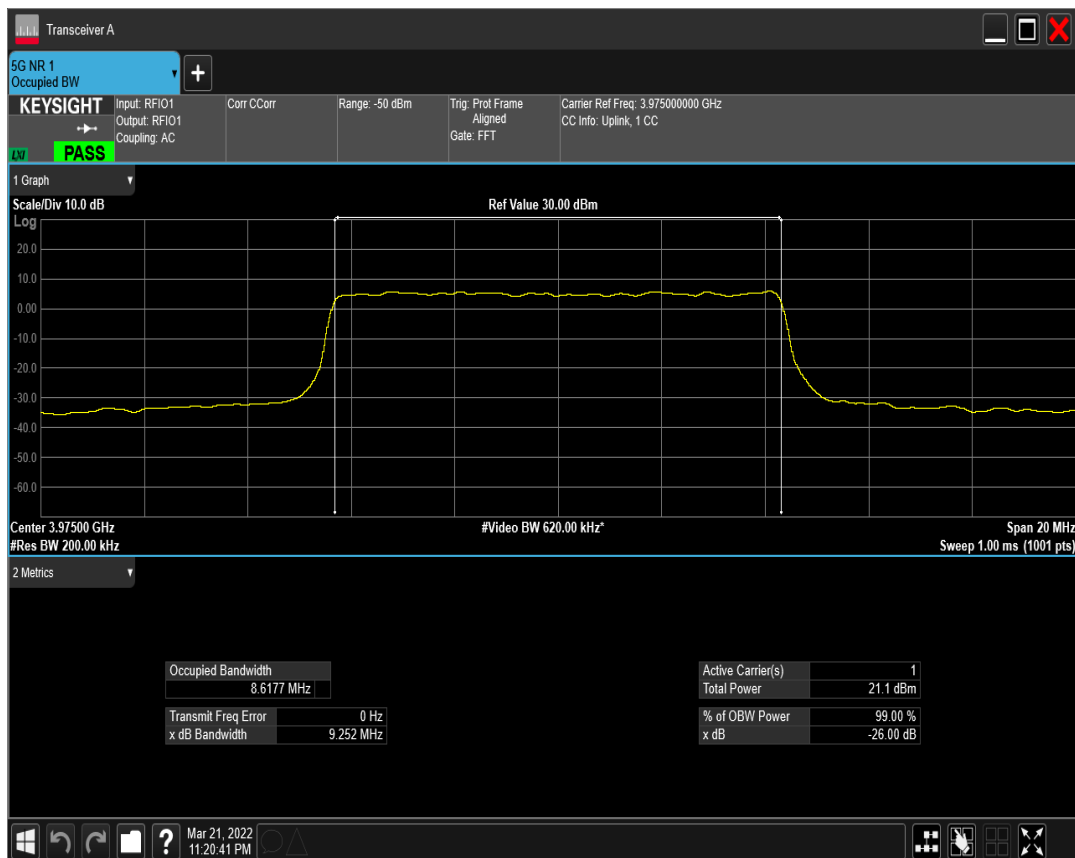
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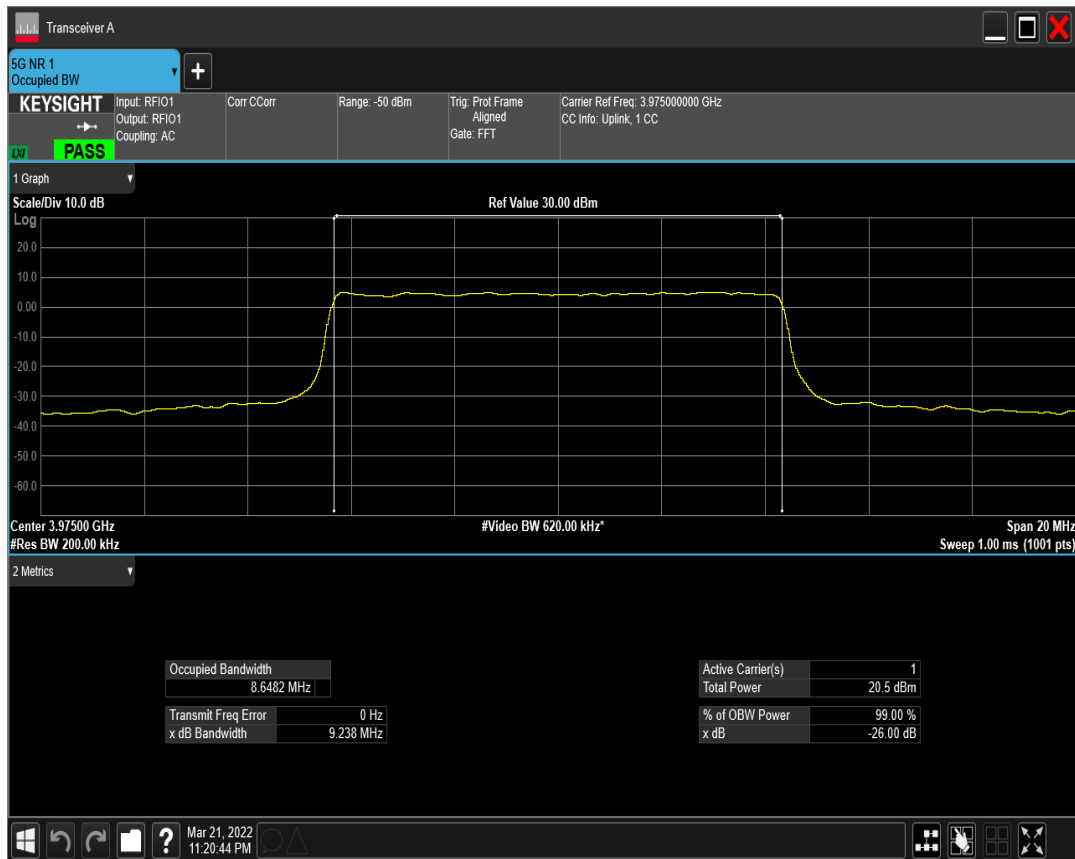
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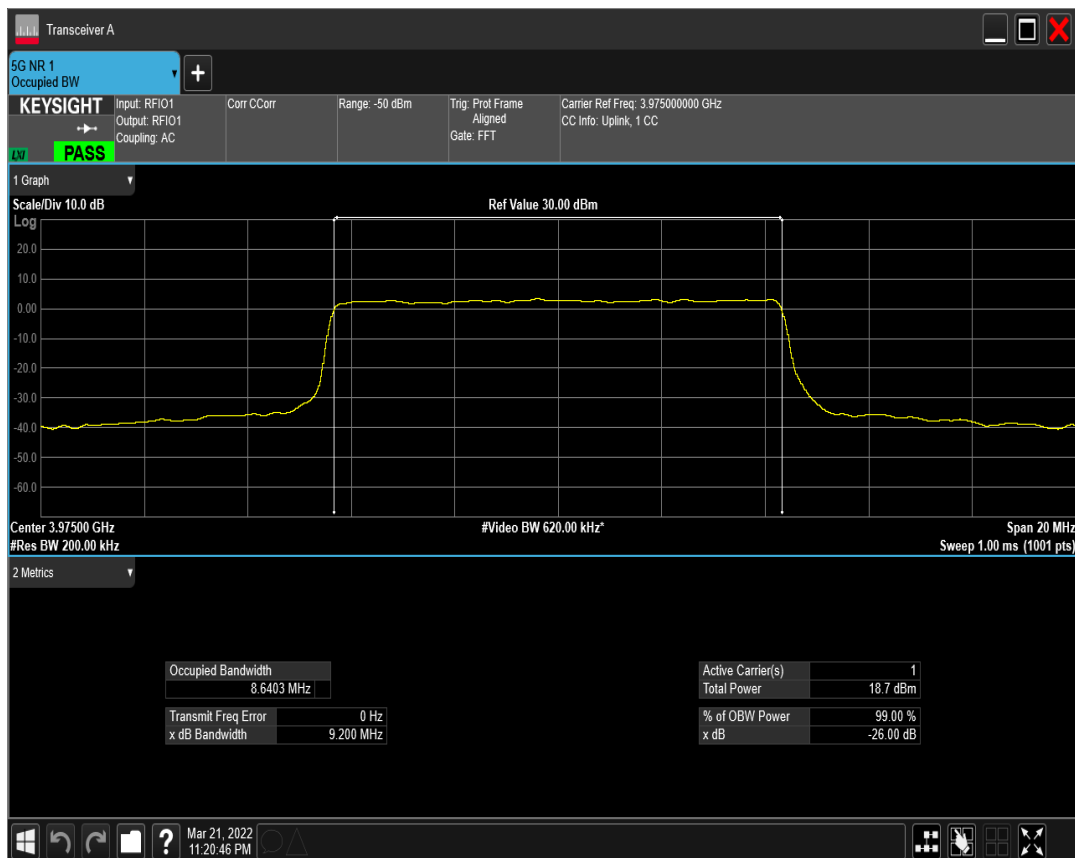
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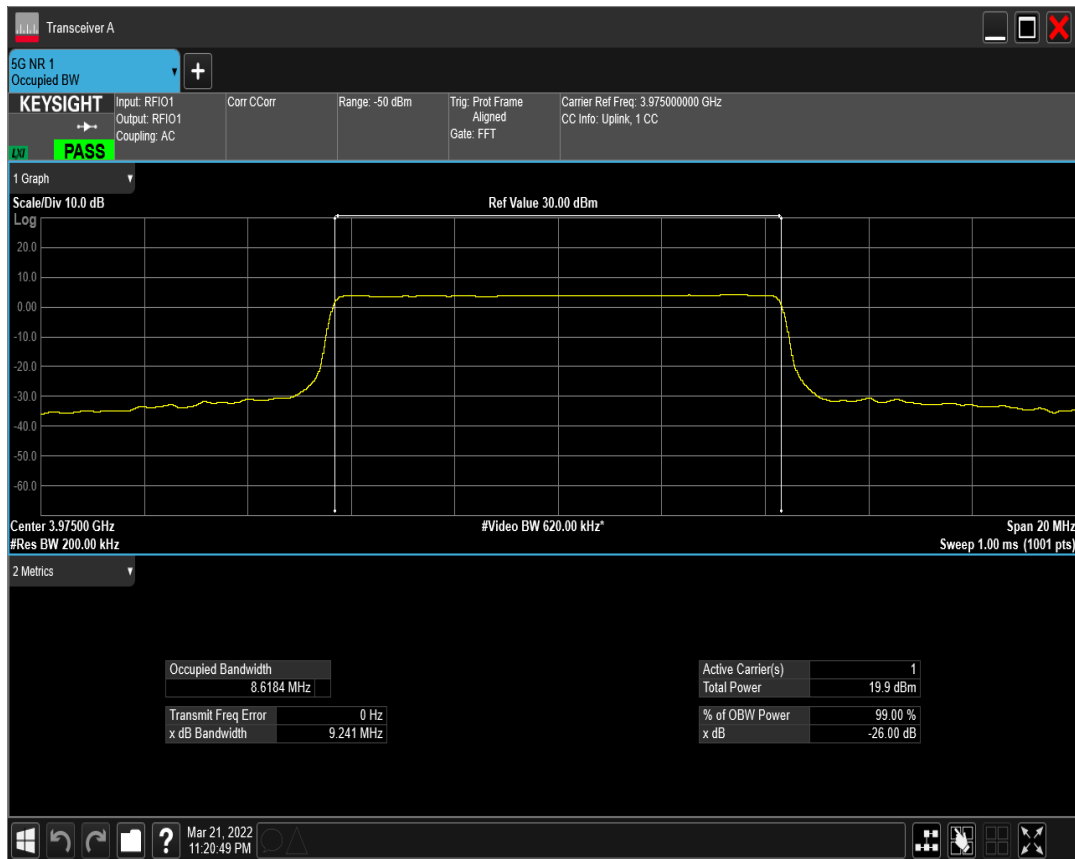
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n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=665000 RB=24@0



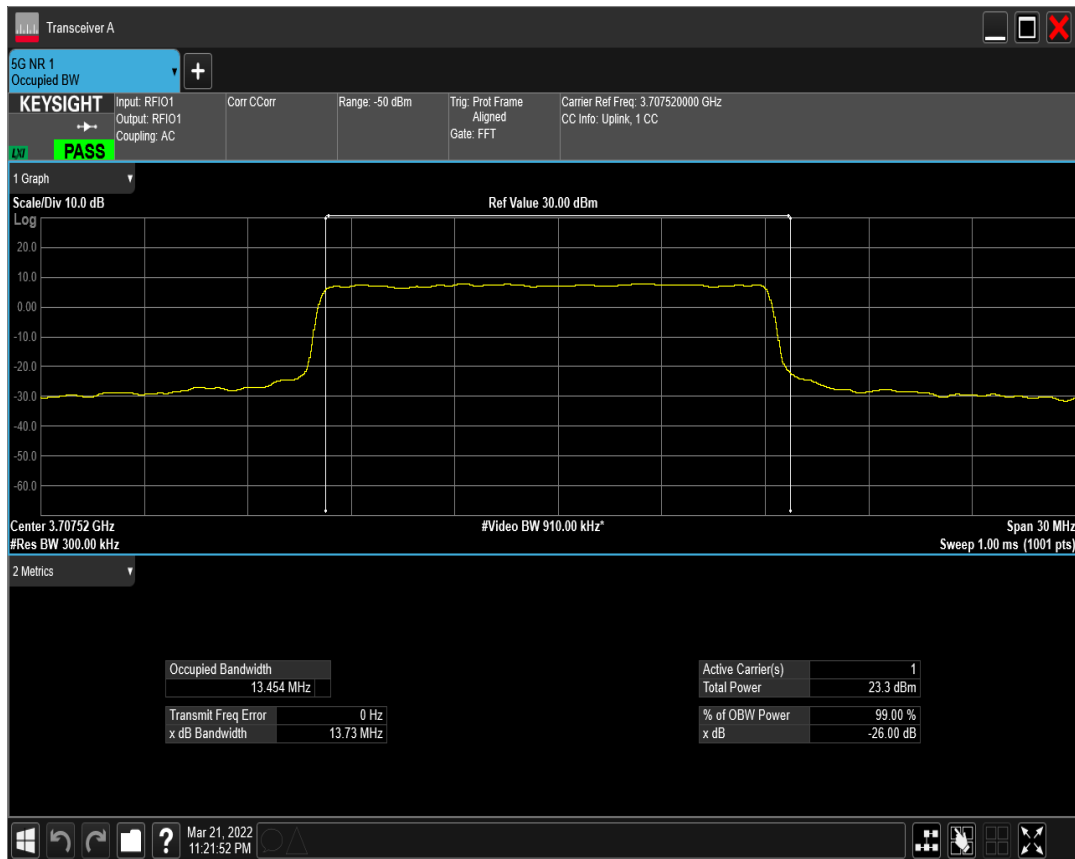
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n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz Channel=647168 RB=36@0



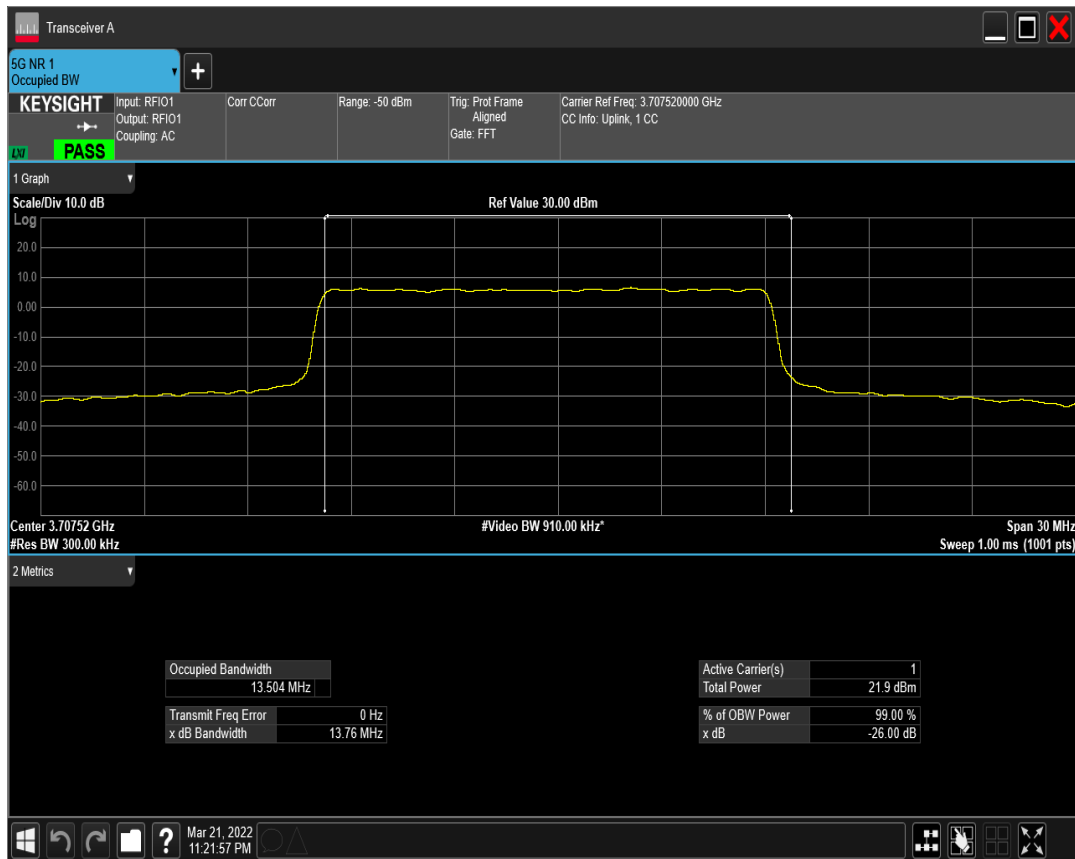
n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=647168 RB=36@0



n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=647168 RB=36@0



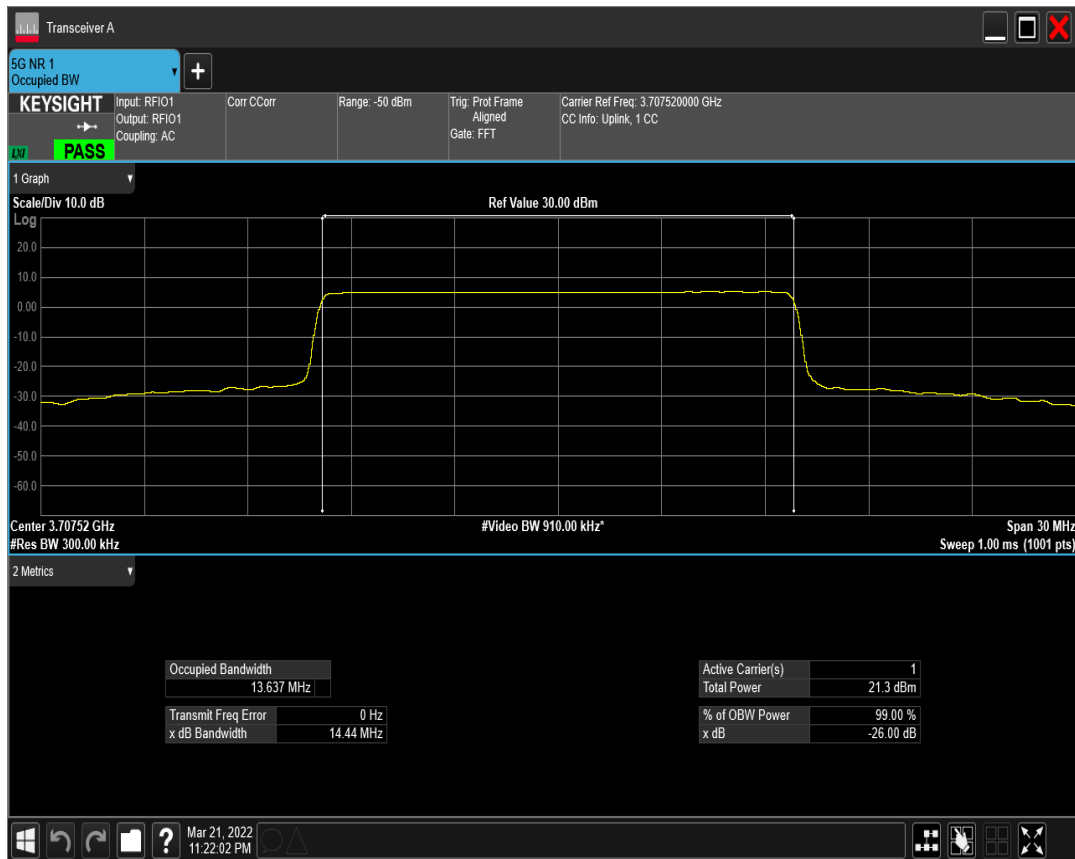
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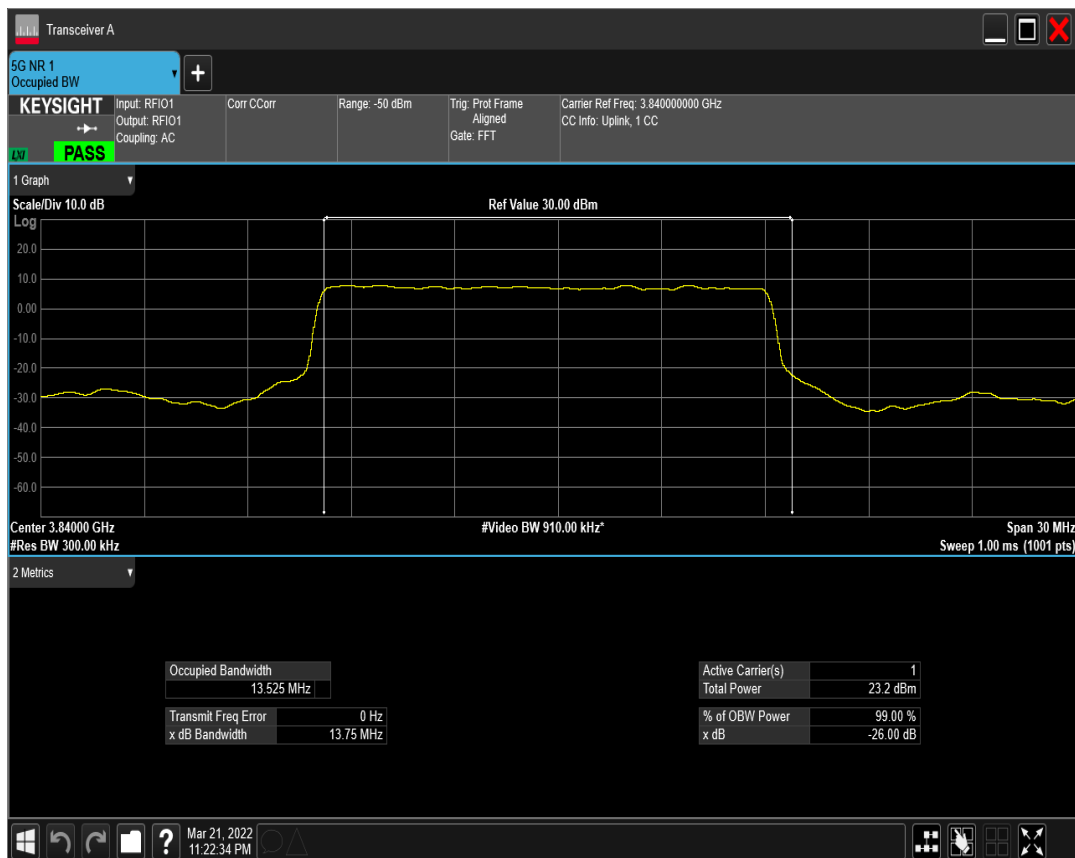
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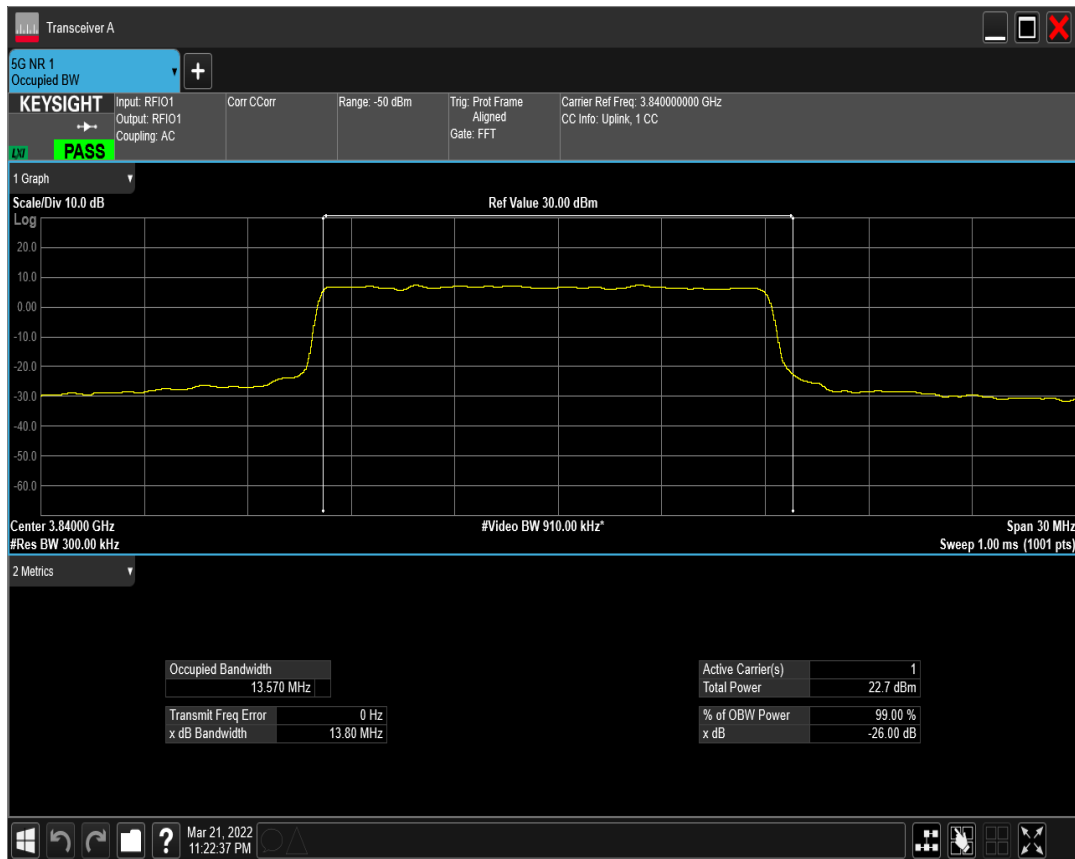
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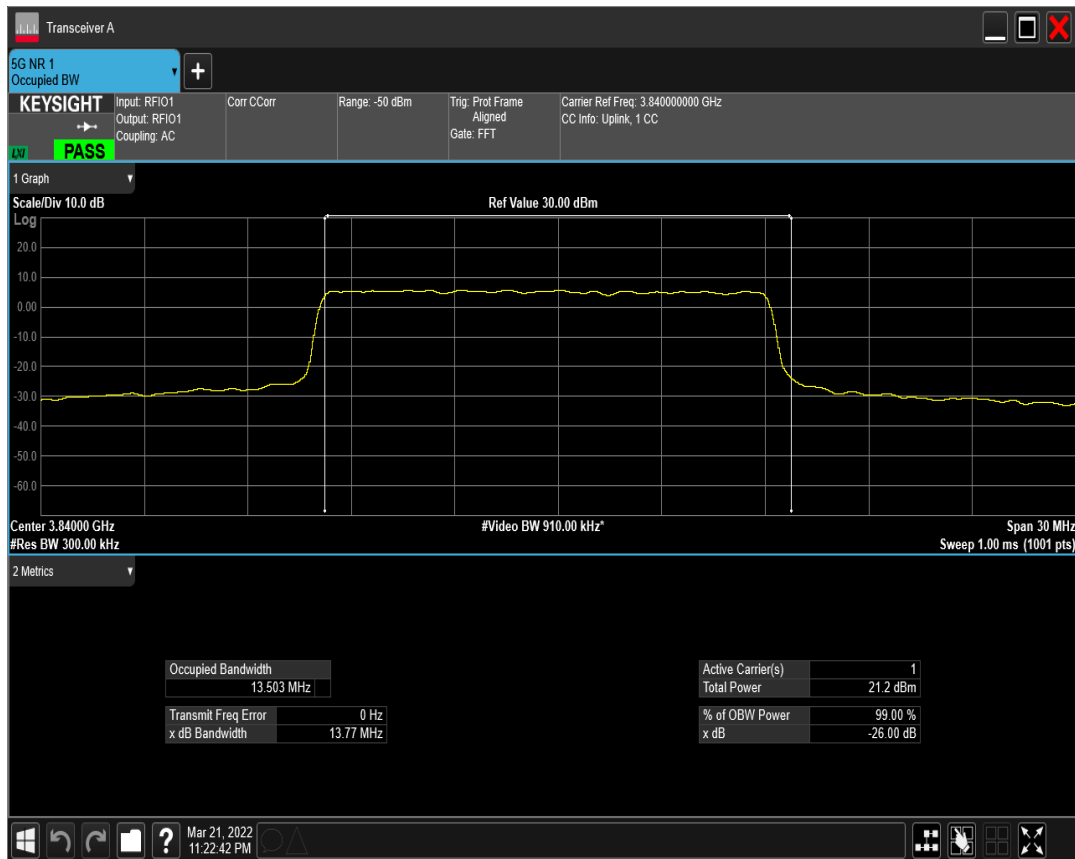
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n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=656000 RB=36@0



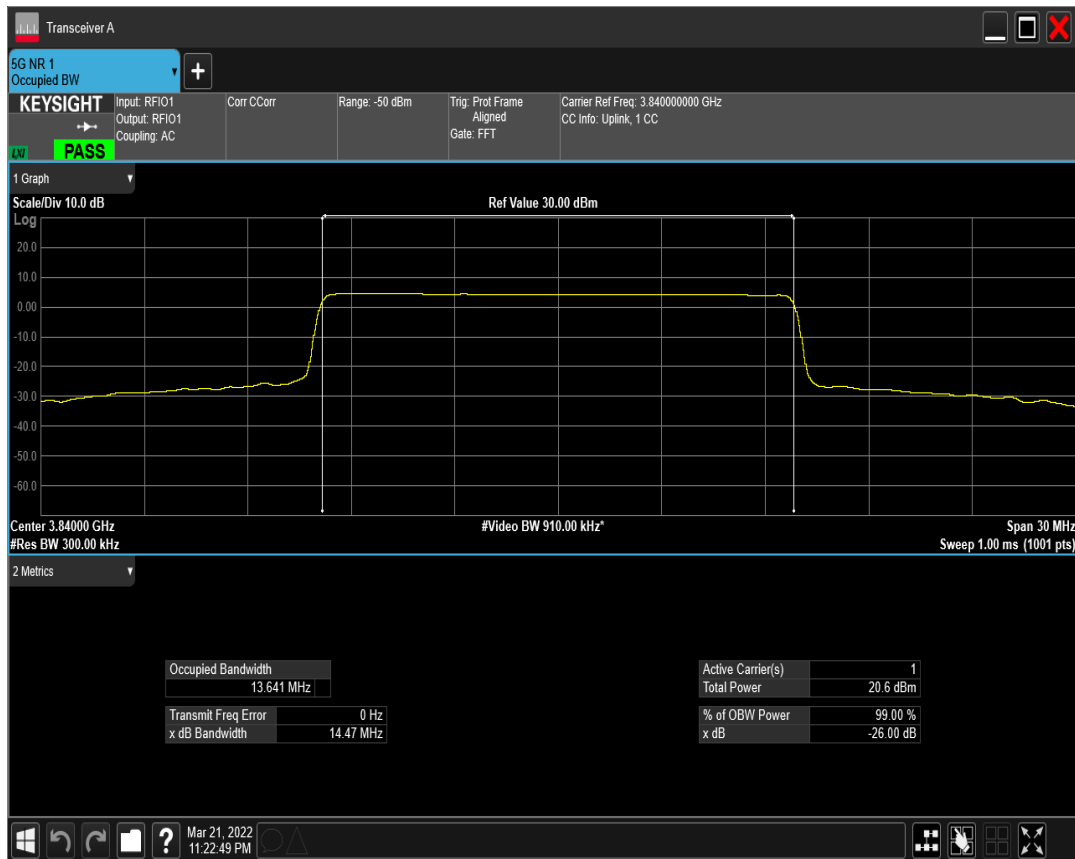
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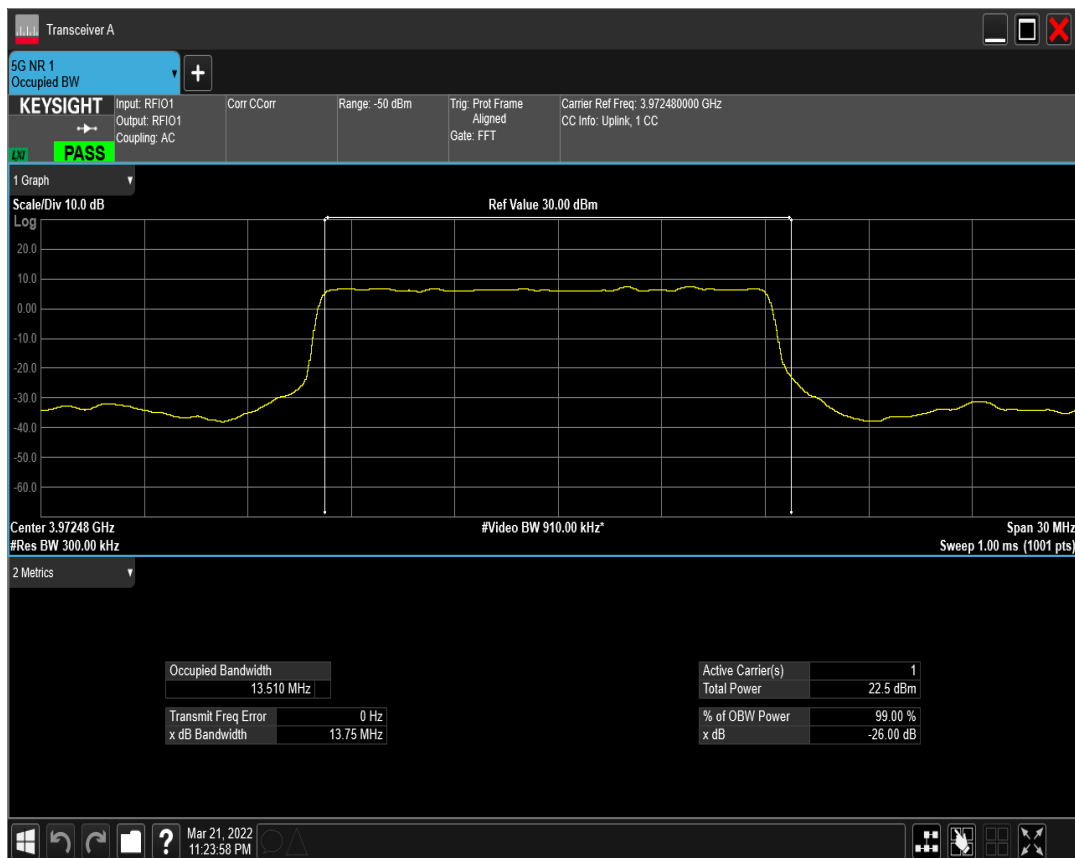
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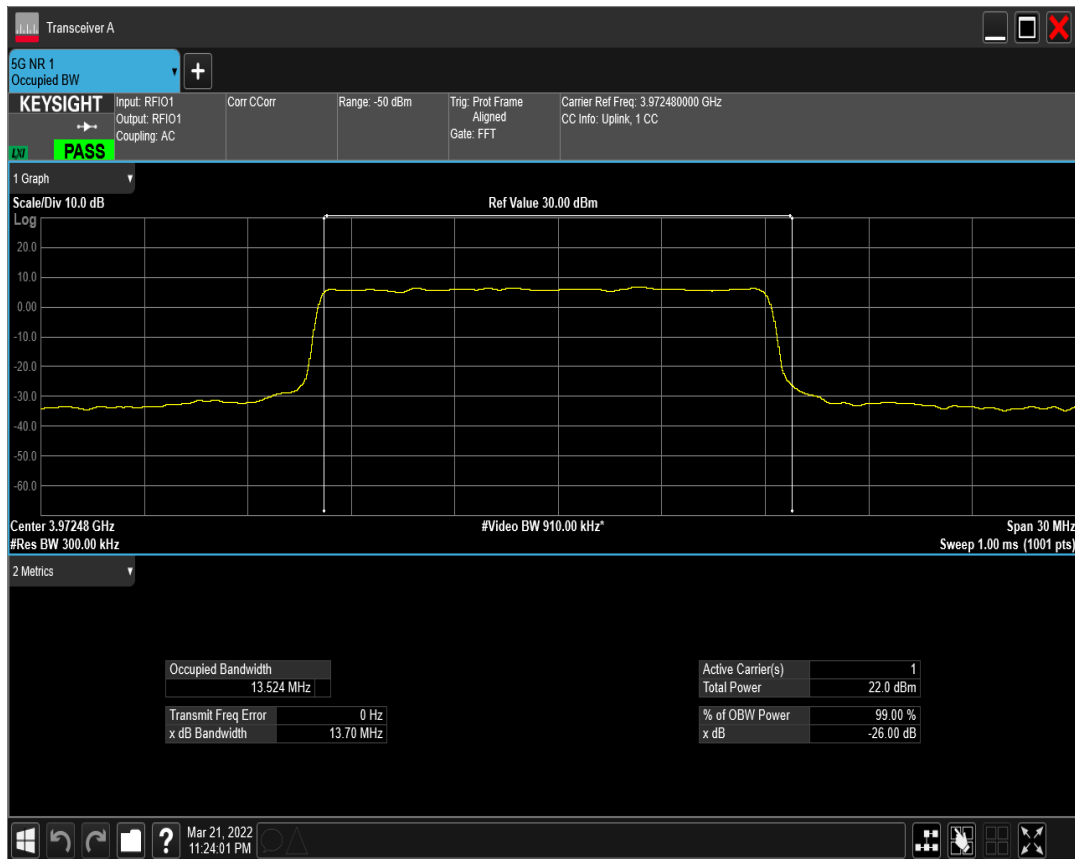
n77(3700-3980) SCS=30kHz CP_QPSK BW=15MHz Channel=656000 RB=38@0



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



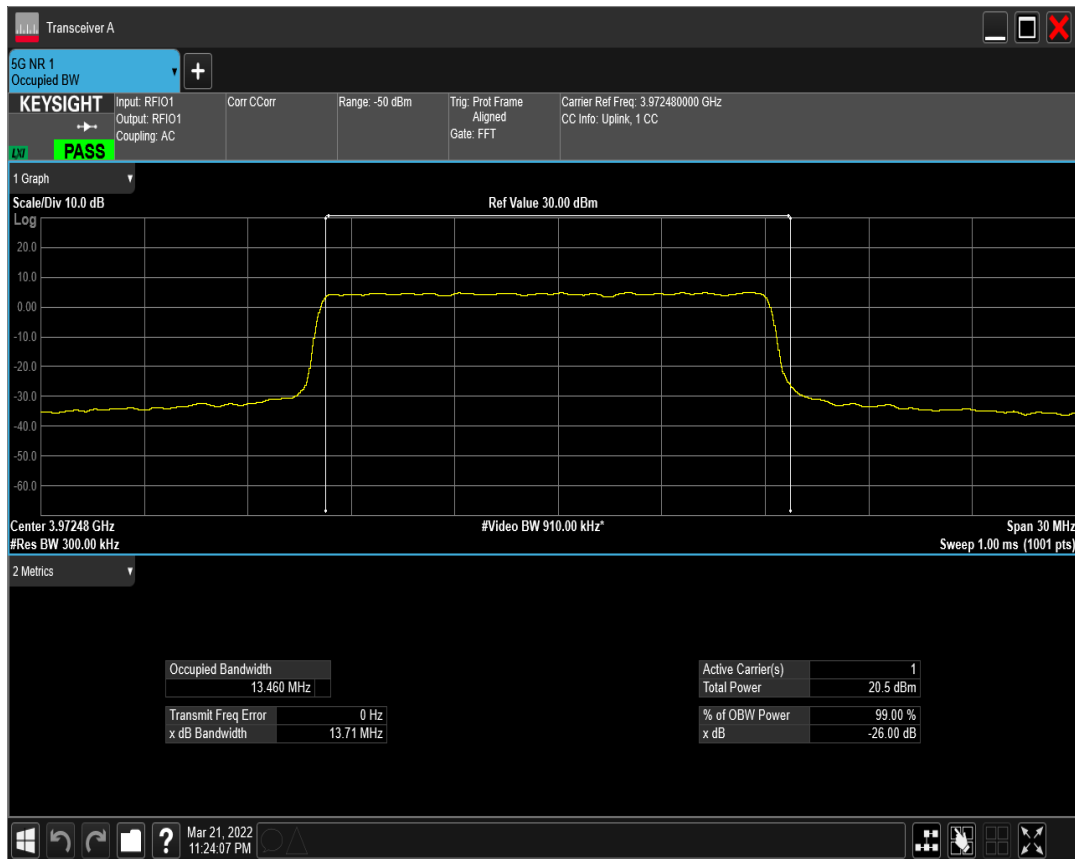
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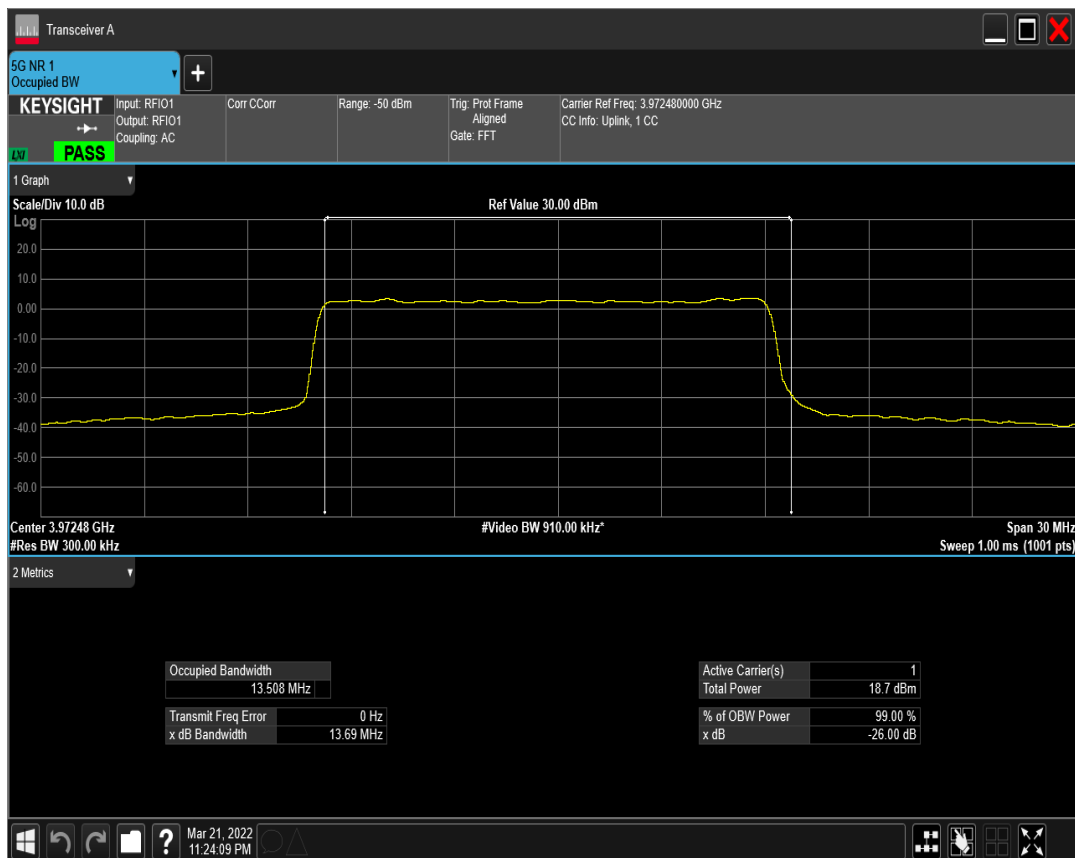
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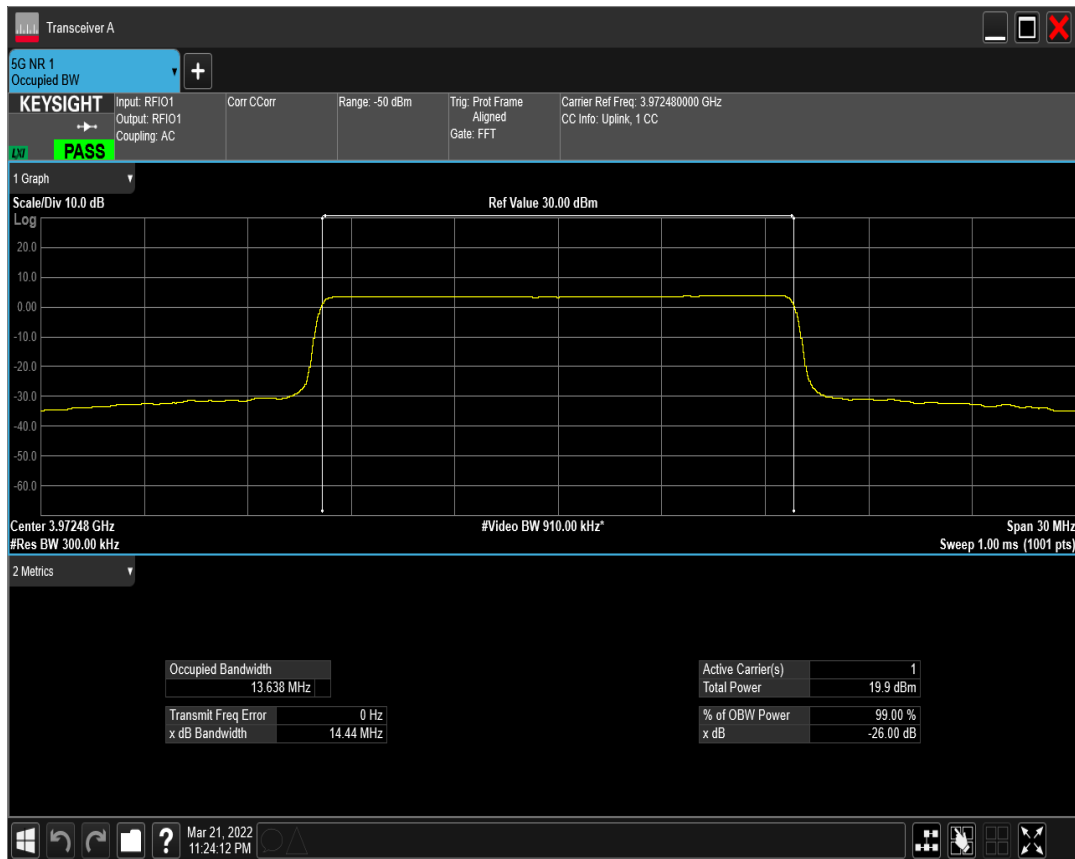
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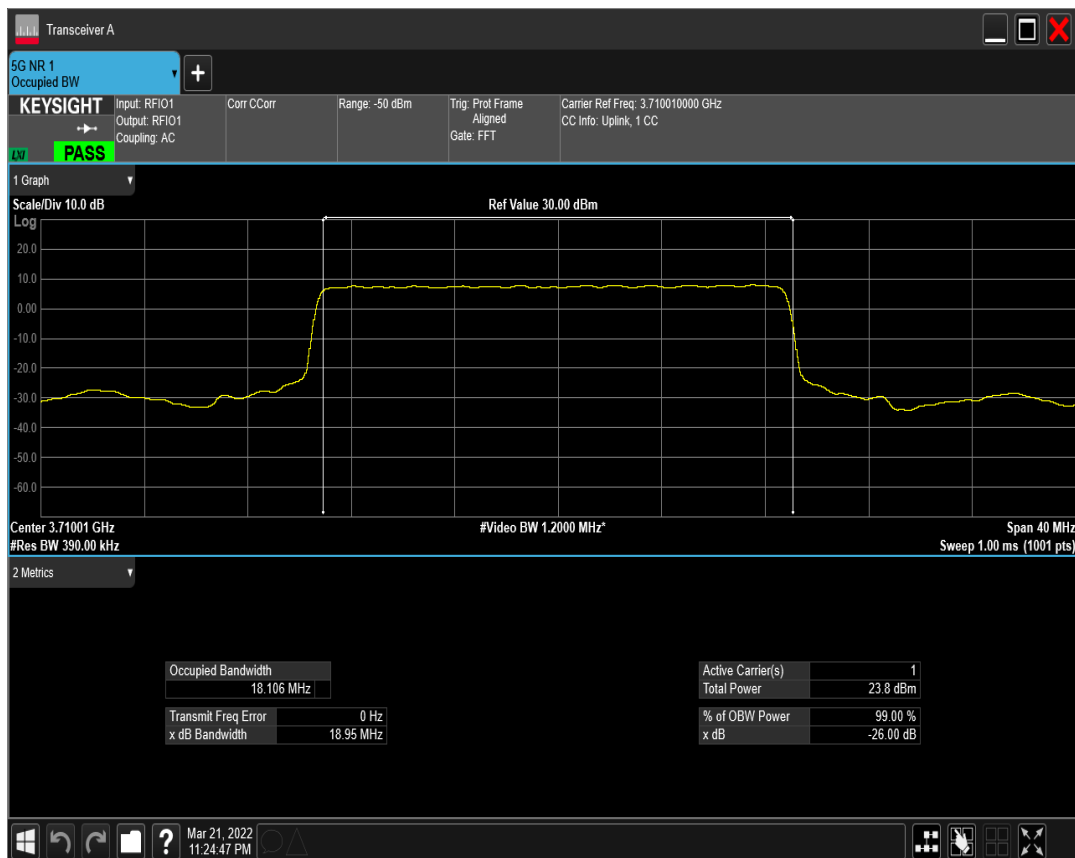
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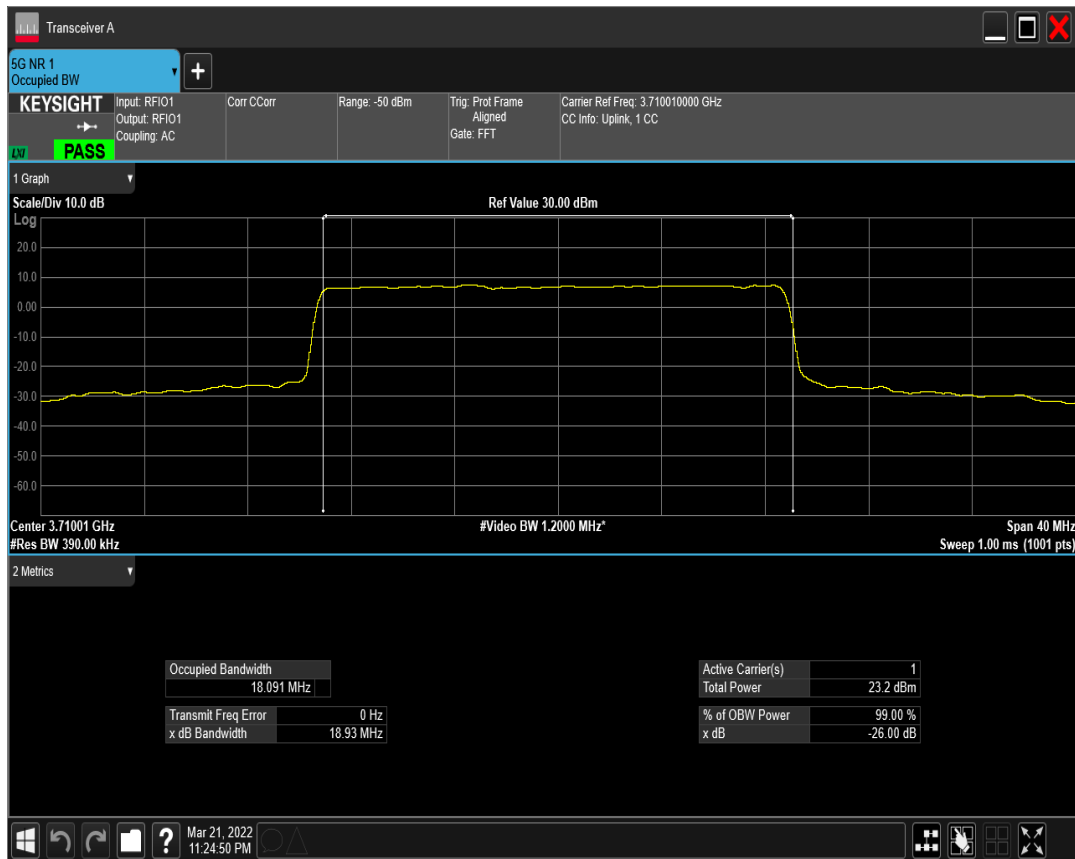
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n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz Channel=647334 RB=50@0



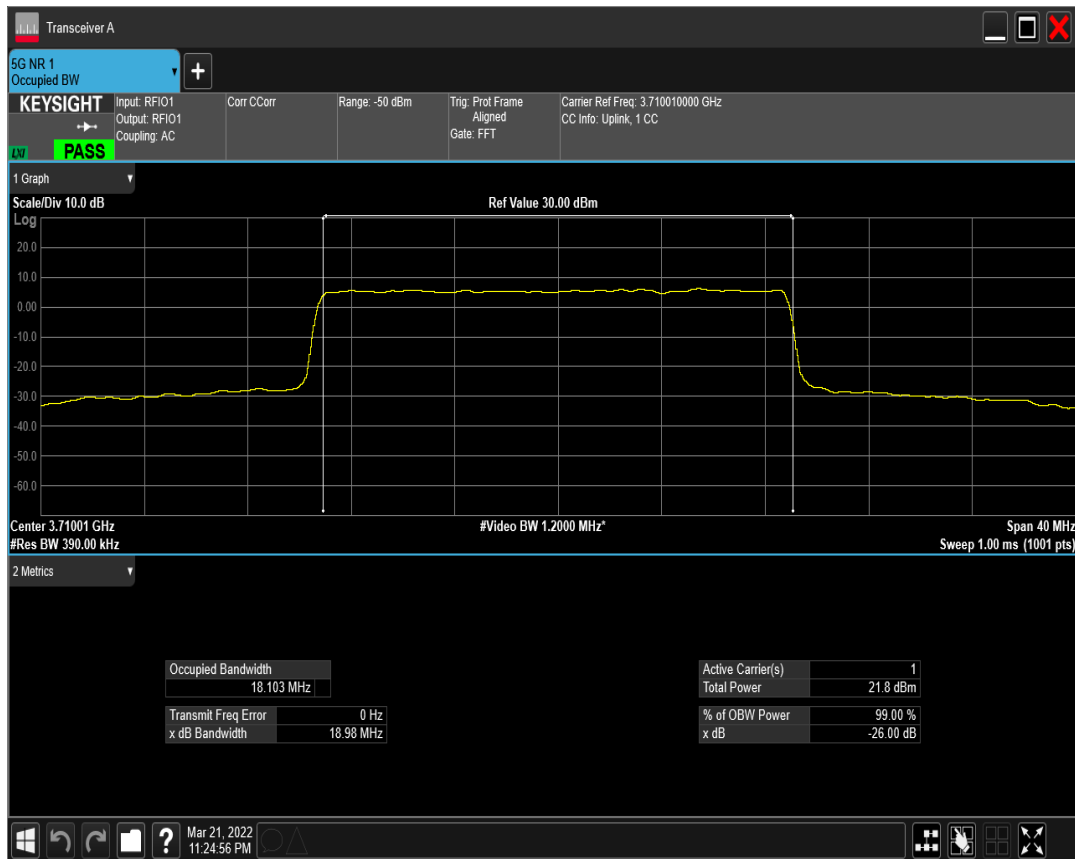
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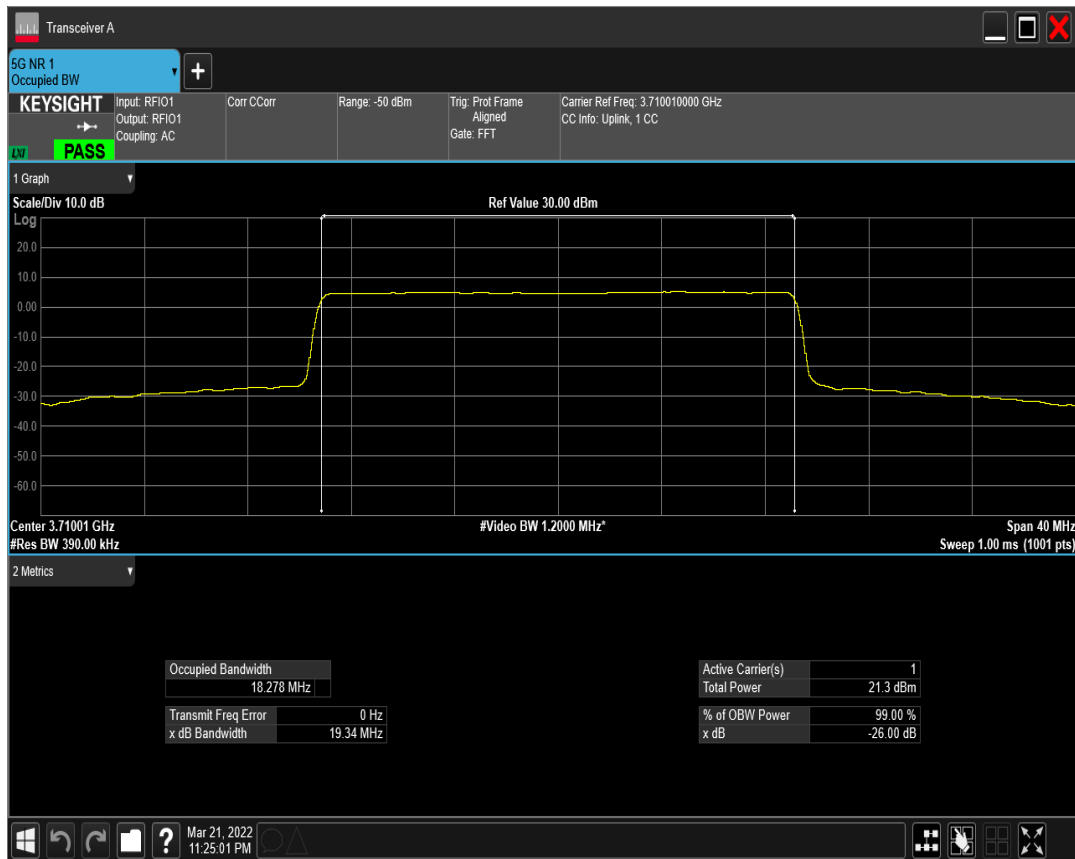
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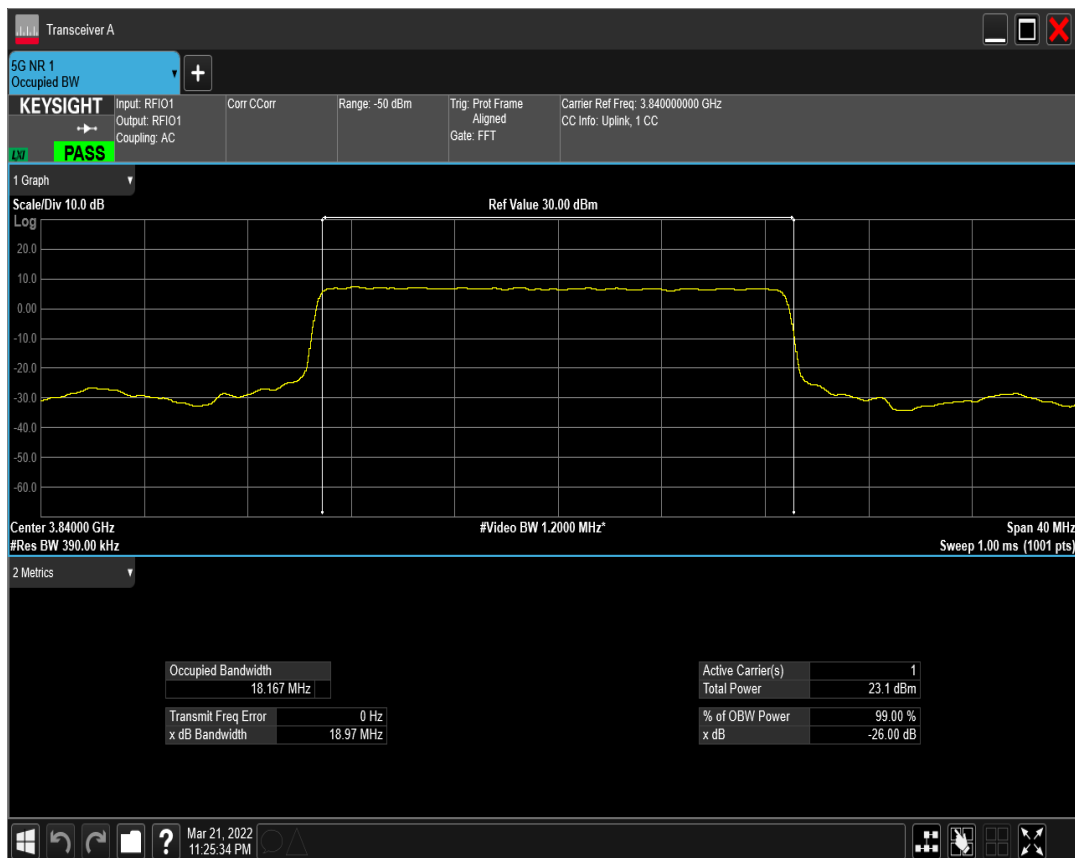
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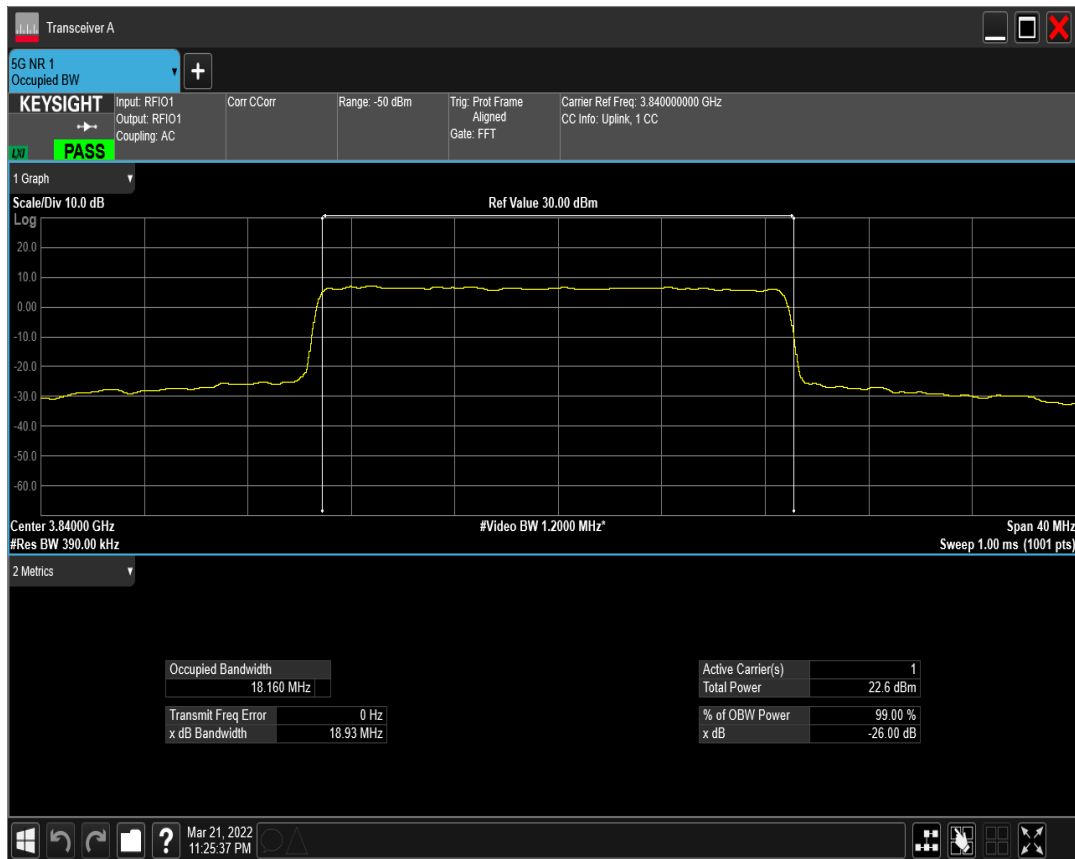
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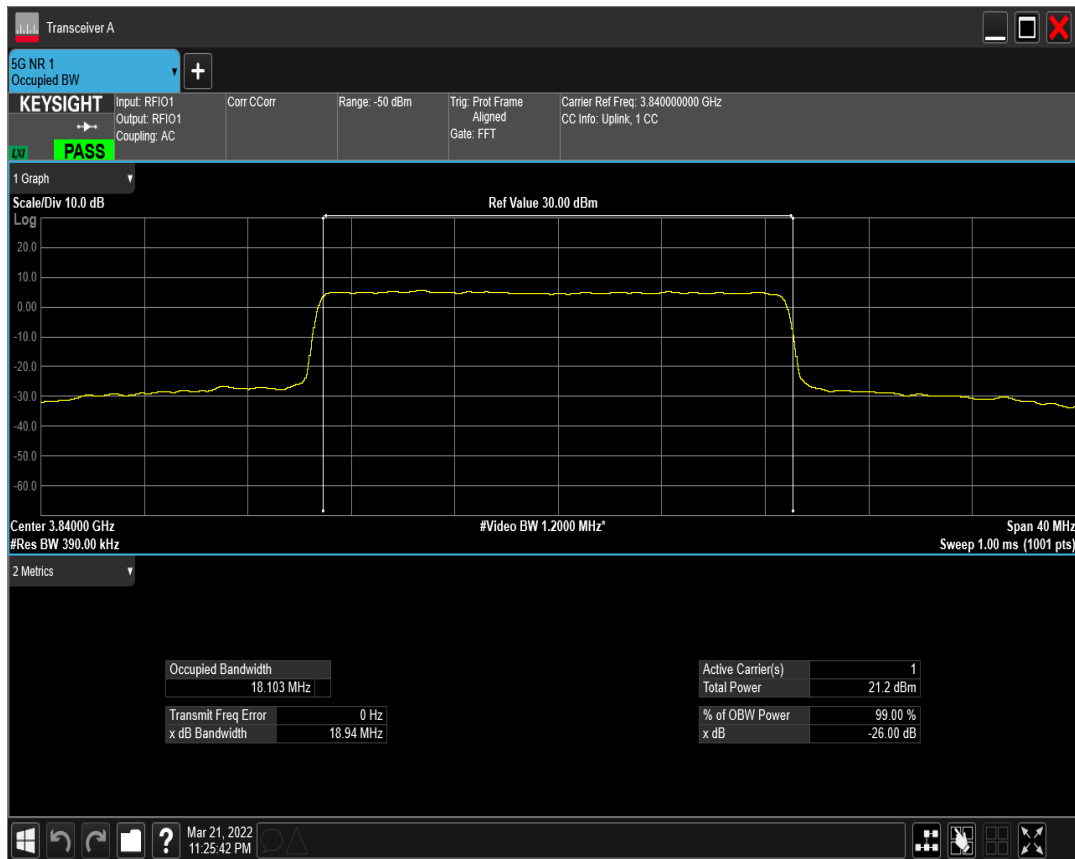
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n77(3700-3980) SCS=30kHz DFT_QAM16 BW=20MHz Channel=656000 RB=50@0



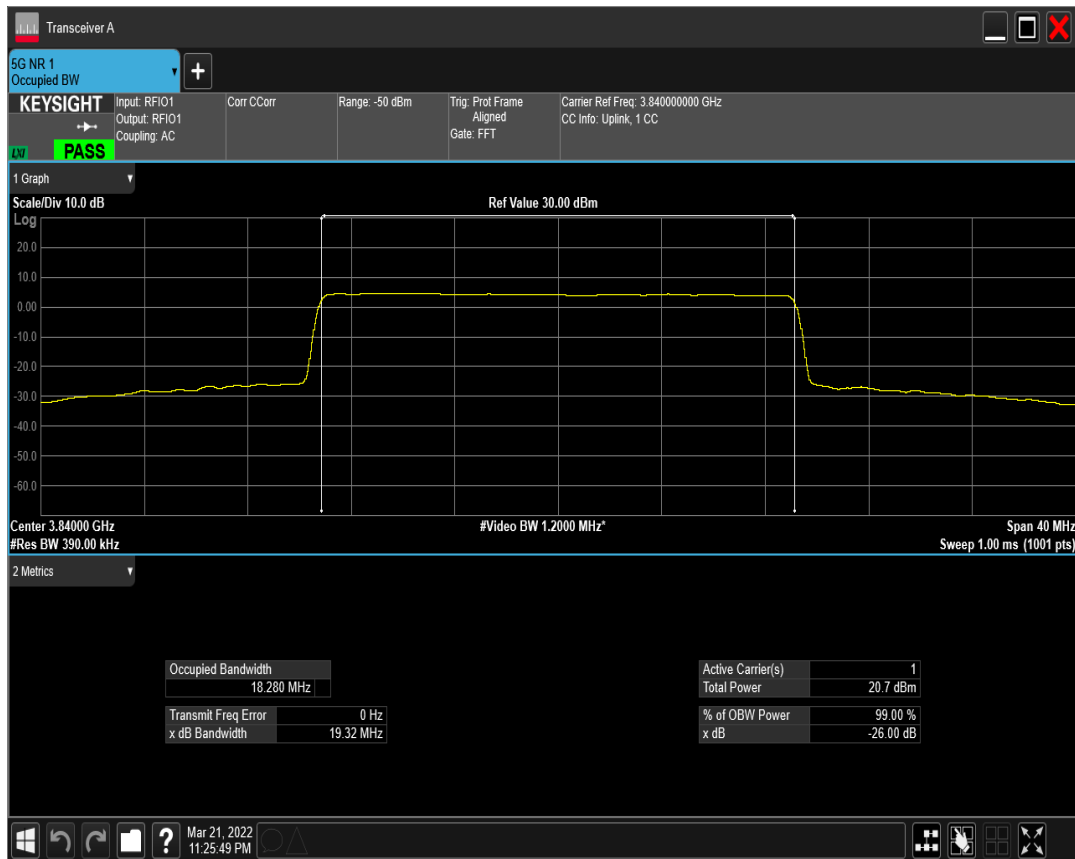
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n77(3700-3980) SCS=30kHz DFT_QAM256 BW=20MHz Channel=656000 RB=50@0



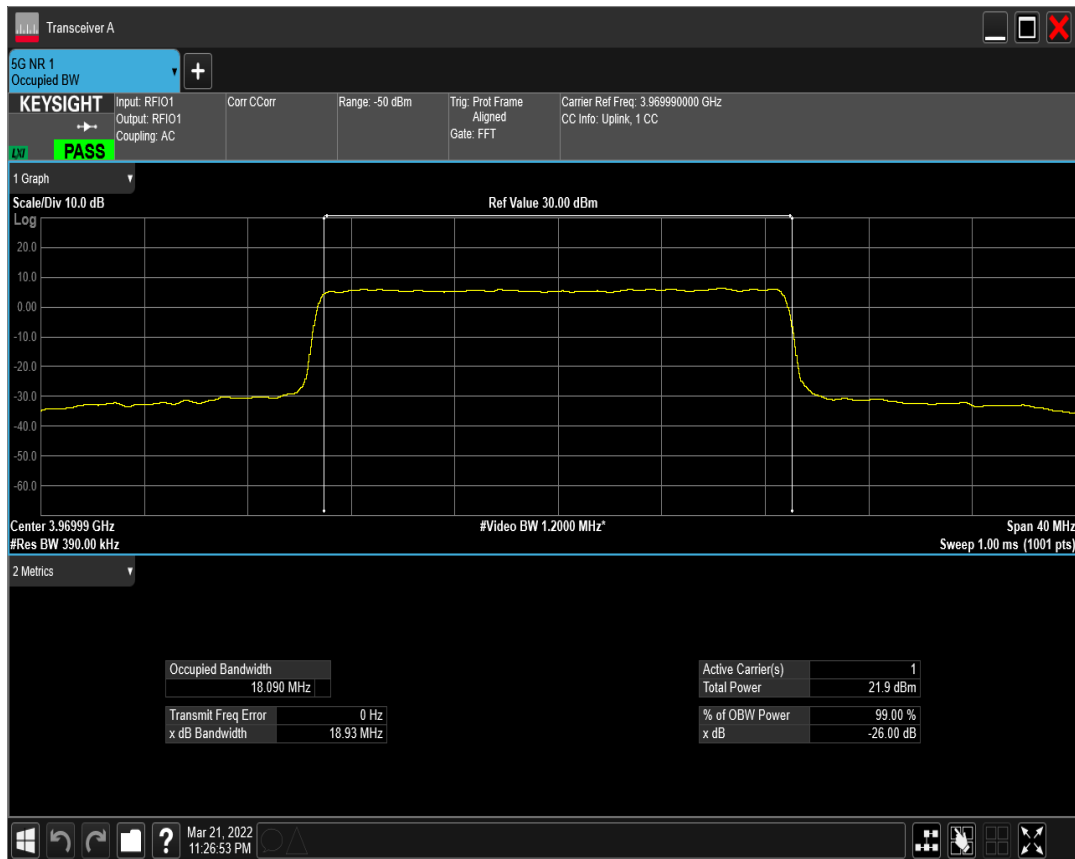
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n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz Channel=664666 RB=50@0



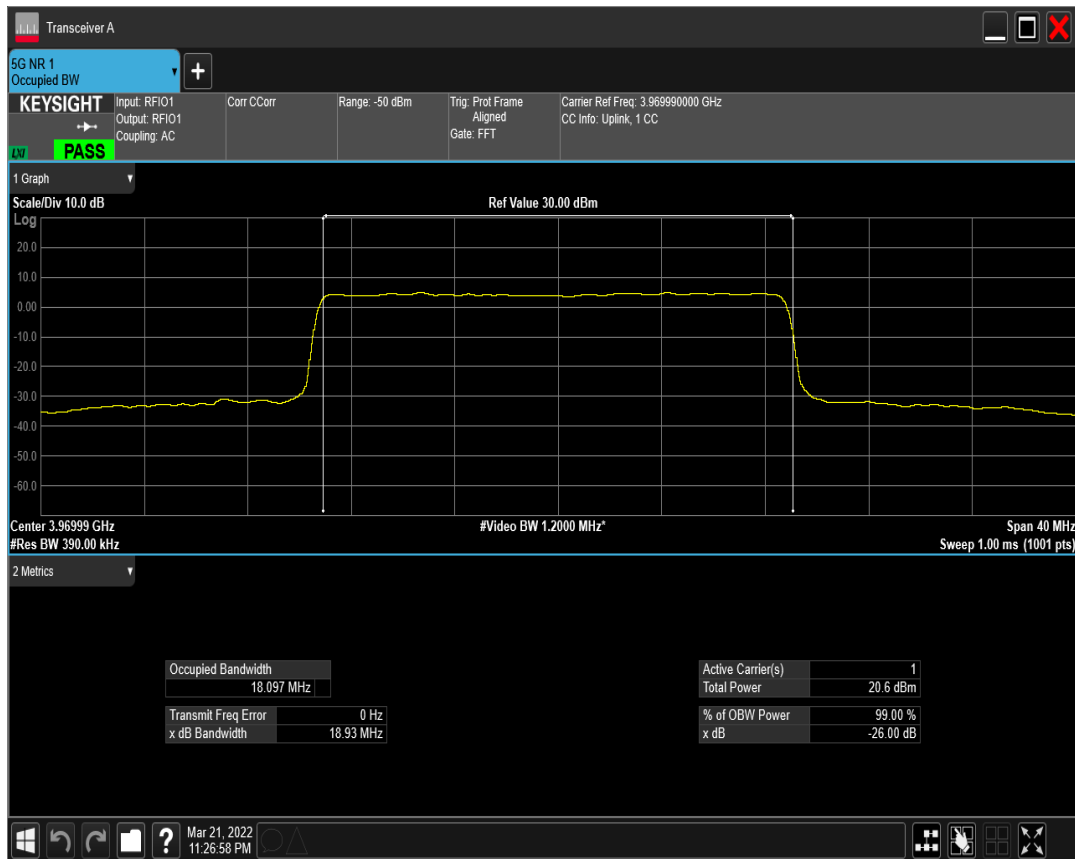
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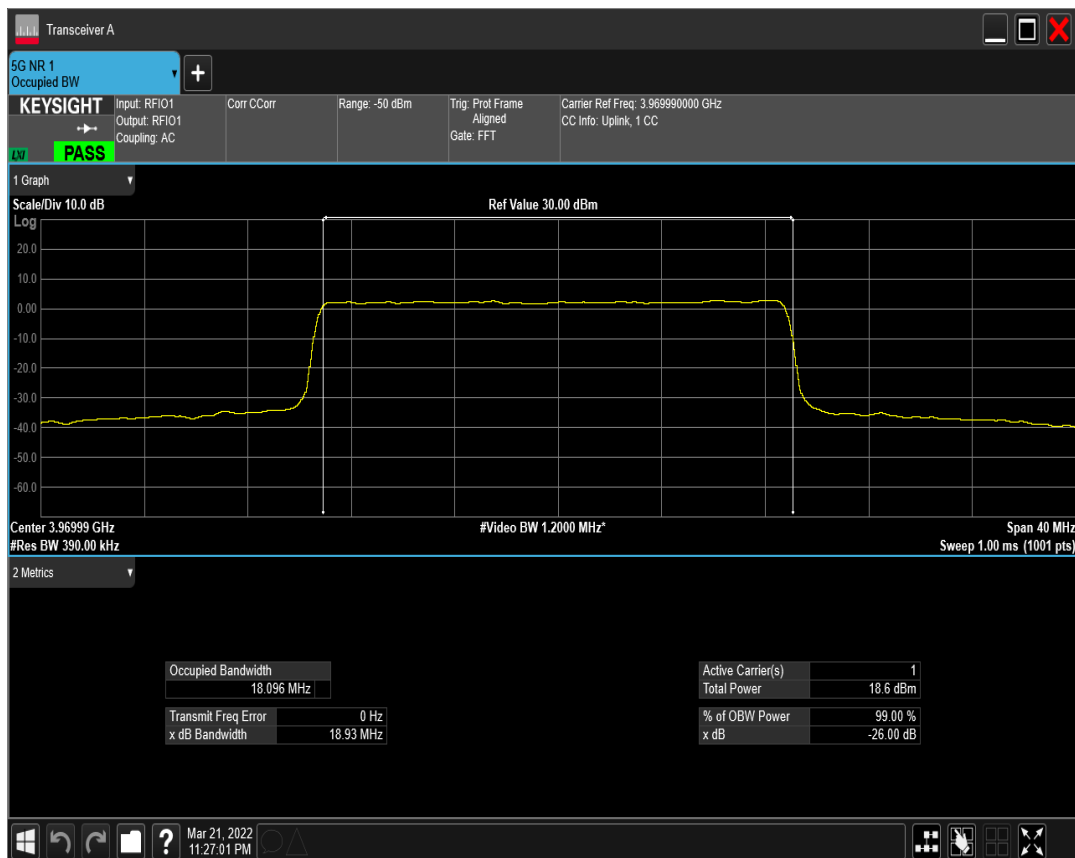
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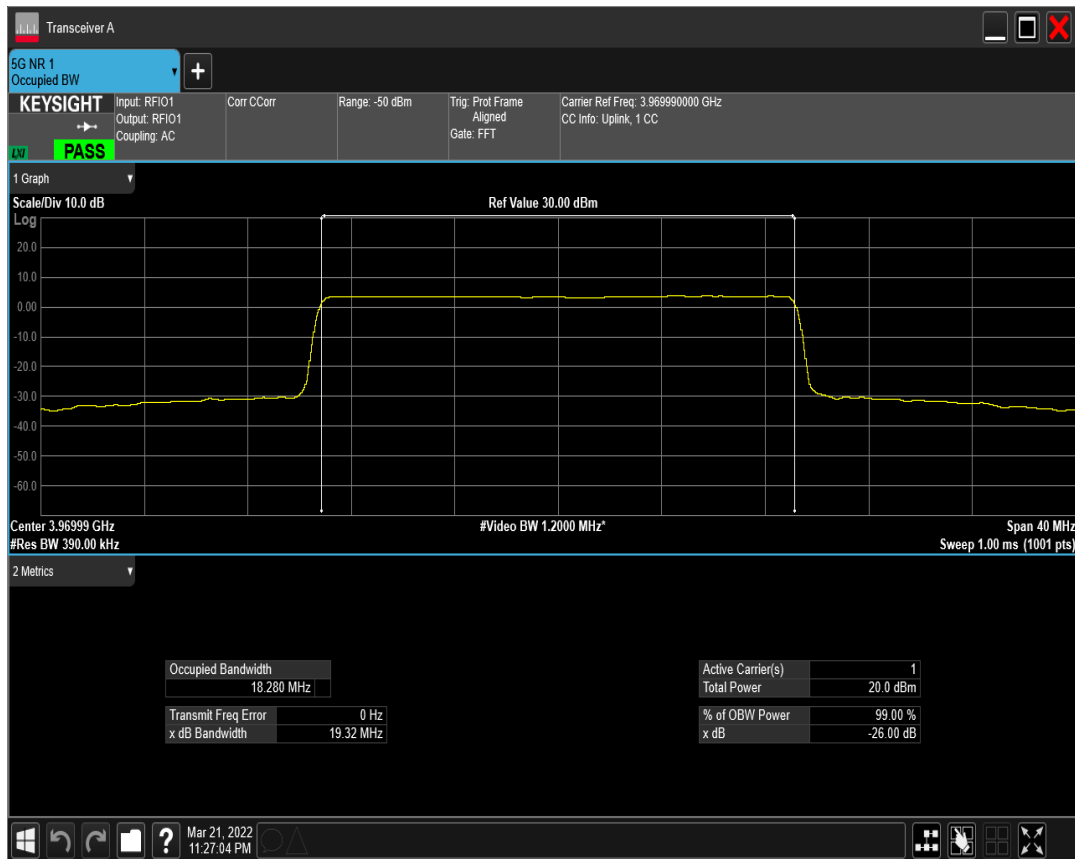
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n77(3700-3980) SCS=30kHz DFT_QAM256 BW=20MHz Channel=664666 RB=50@0



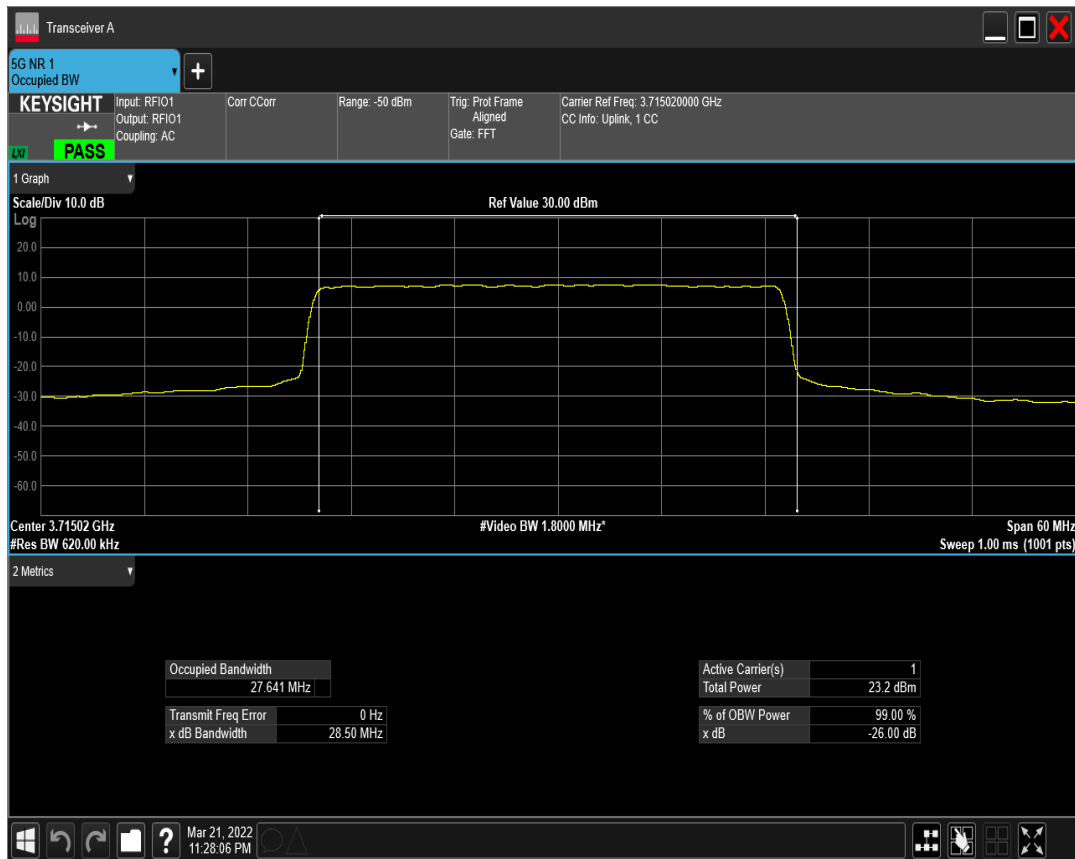
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n77(3700-3980) SCS=30kHz DFT_BPSK BW=30MHz Channel=647668 RB=75@0



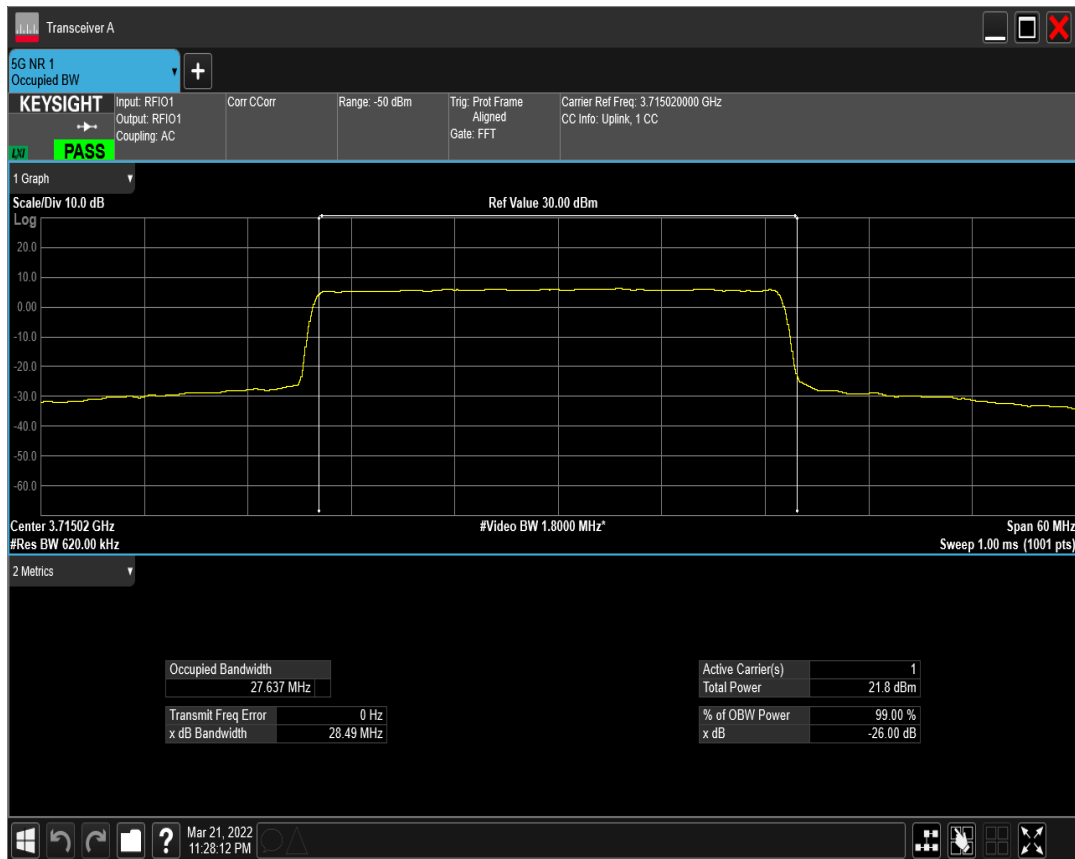
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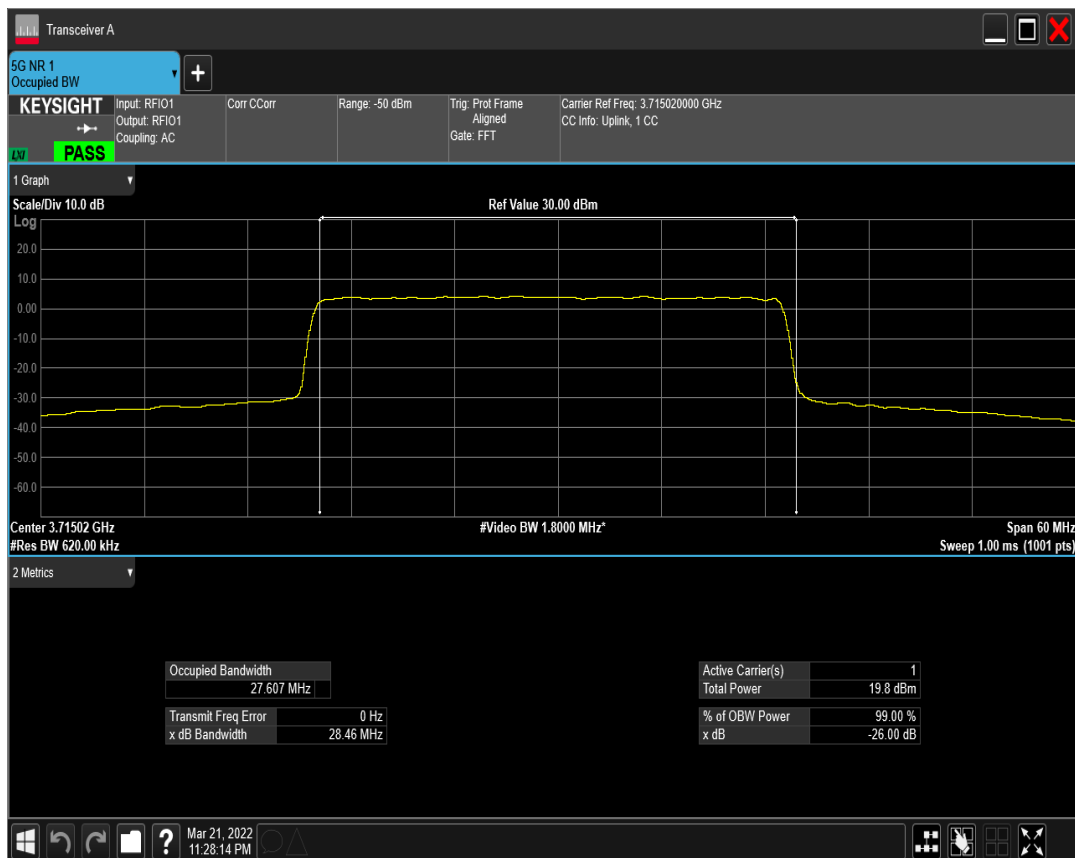
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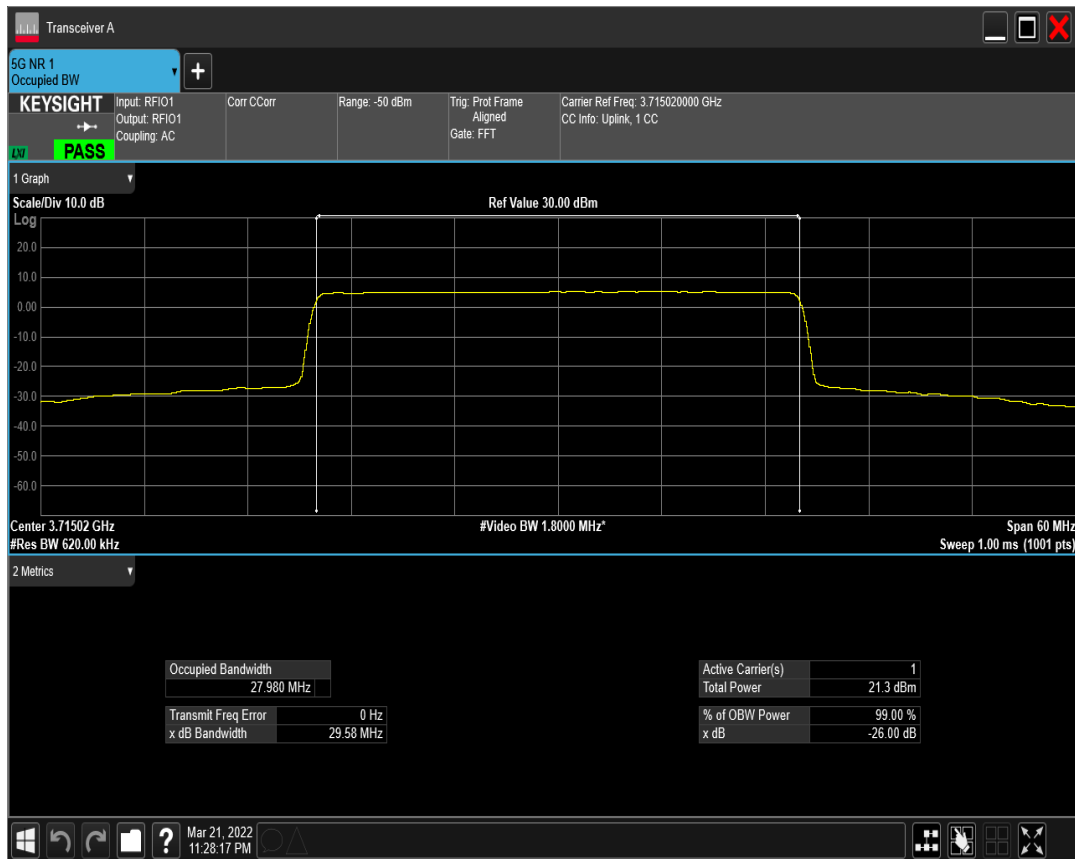
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n77(3700-3980) SCS=30kHz DFT_QAM256 BW=30MHz Channel=647668 RB=75@0



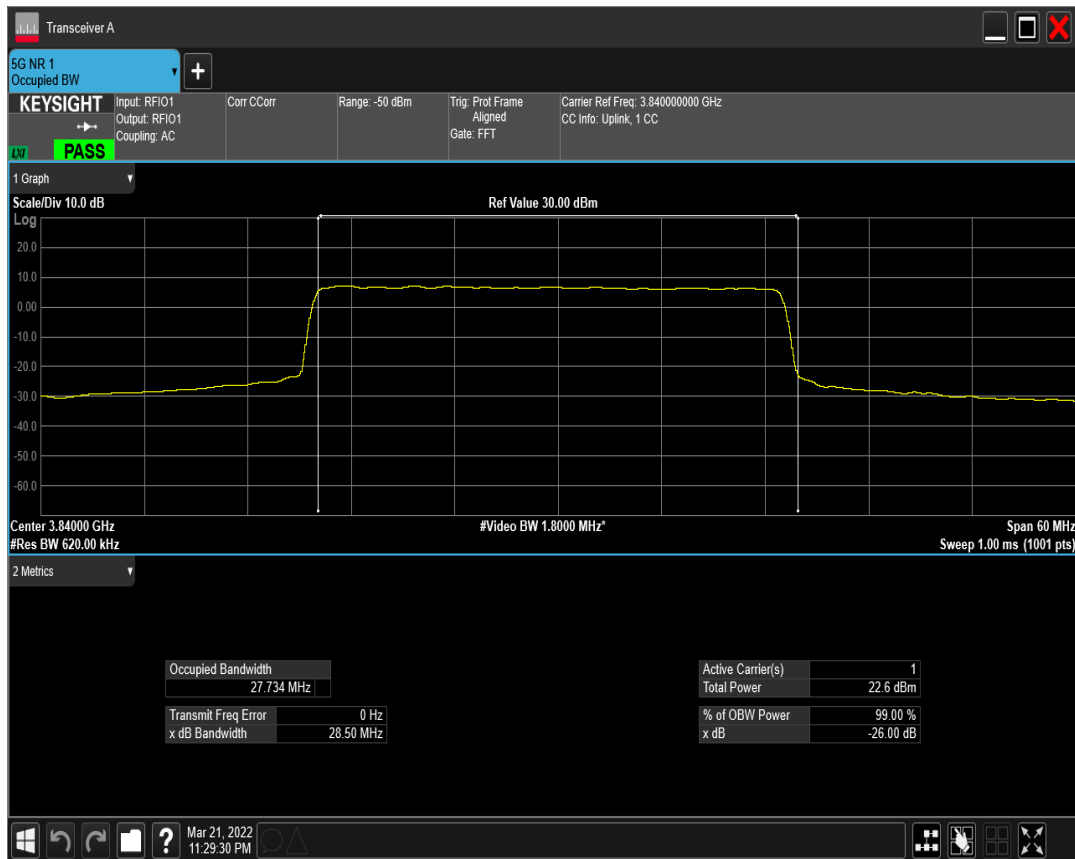
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n77(3700-3980) SCS=30kHz DFT_BPSK BW=30MHz Channel=656000 RB=75@0



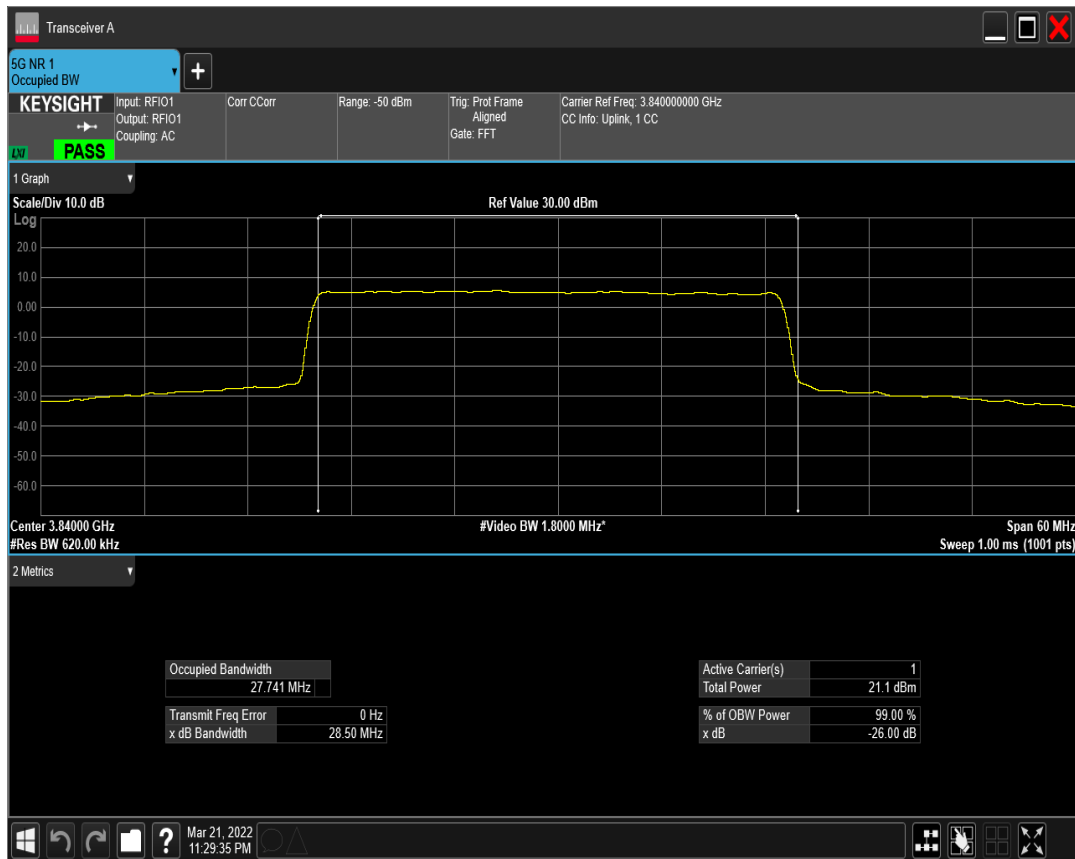
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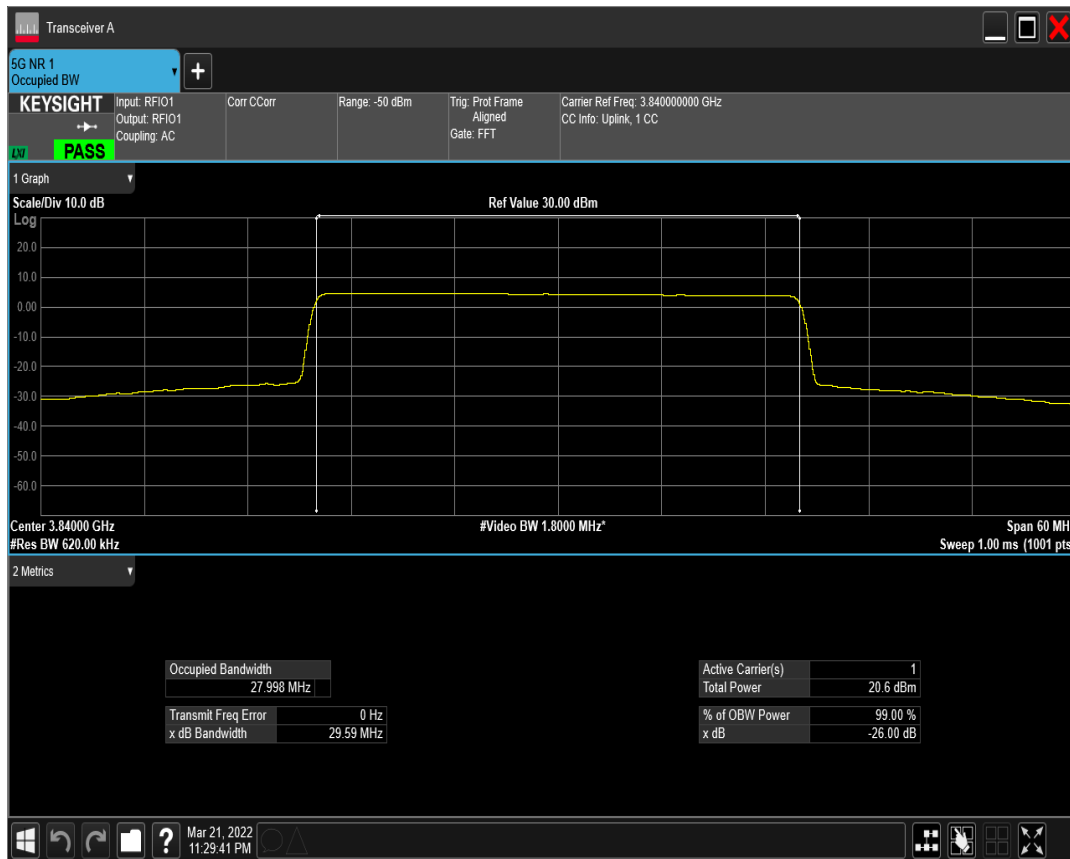
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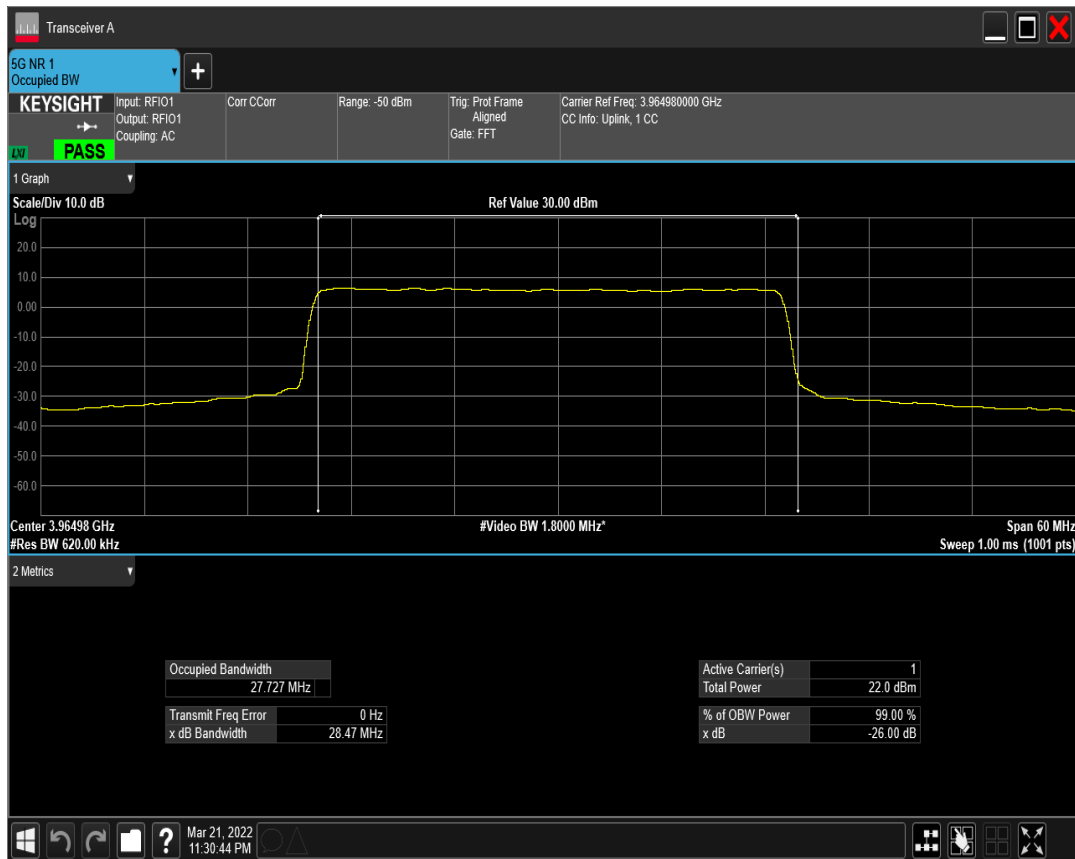
n77(3700-3980) SCS=30kHz CP_QPSK BW=30MHz Channel=656000 RB=78@0



n77(3700-3980) SCS=30kHz DFT_BPSK BW=30MHz Channel=664332 RB=75@0



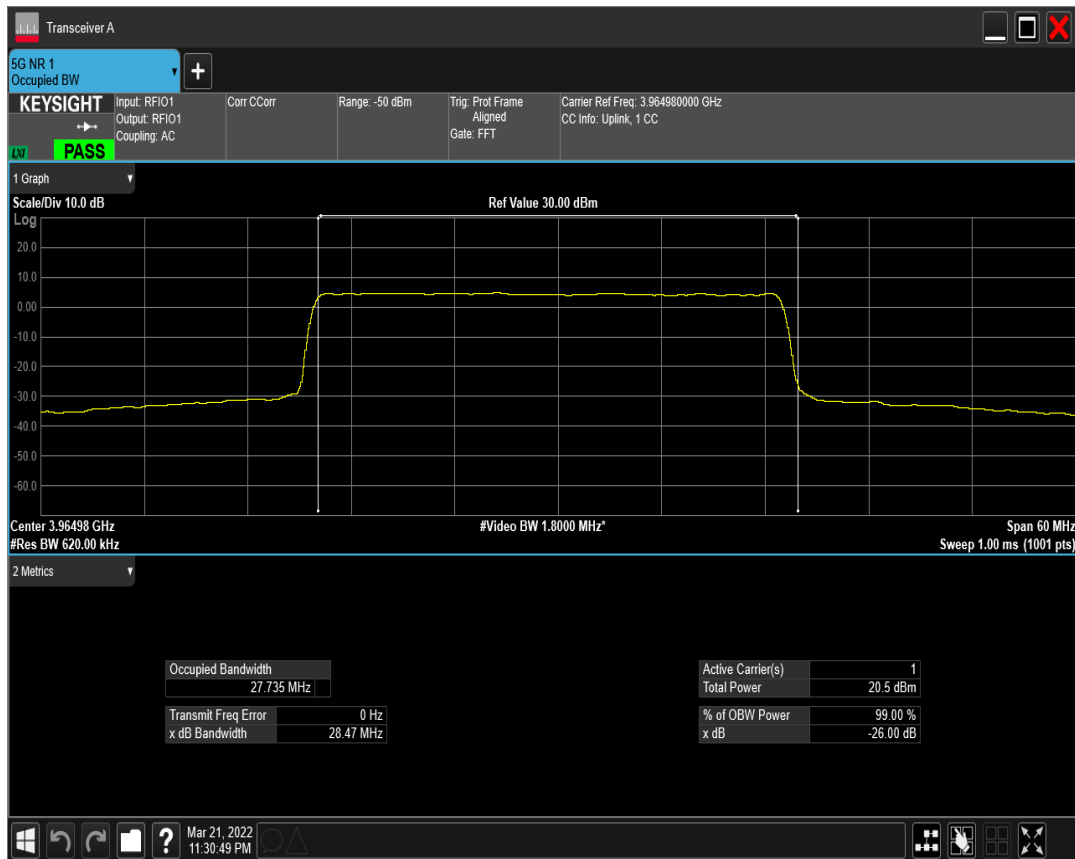
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n77(3700-3980) SCS=30kHz DFT_QAM16 BW=30MHz Channel=664332 RB=75@0



n77(3700-3980) SCS=30kHz DFT_QAM64 BW=30MHz Channel=664332 RB=75@0



n77(3700-3980) SCS=30kHz DFT_QAM256 BW=30MHz Channel=664332 RB=75@0



n77(3700-3980) SCS=30kHz CP_QPSK BW=30MHz Channel=664332 RB=78@0