

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	21.23	22.43	33	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	21.16	22.36	33	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	21.32	22.52	33	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	21.25	22.45	33	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	21.08	22.28	33	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	21.13	22.33	33	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM16	20.28	21.48	33	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM16	20.70	21.9	33	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM16	20.50	21.7	33	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM64	18.80	20	33	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM64	18.64	19.84	33	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM64	18.78	19.98	33	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM256	16.68	17.88	33	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM256	16.29	17.49	33	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM256	16.52	17.72	33	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	19.74	20.94	33	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	19.71	20.91	33	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	19.91	21.11	33	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM16	19.23	20.43	33	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM16	19.13	20.33	33	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM16	19.43	20.63	33	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM64	17.63	18.83	33	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM64	17.88	19.08	33	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM64	17.93	19.13	33	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM256	14.94	16.14	33	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM256	14.91	16.11	33	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM256	15.06	16.26	33	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	22.16	23.36	33	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	22.02	23.22	33	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	22.15	23.35	33	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	22.14	23.34	33	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	21.95	23.15	33	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	21.97	23.17	33	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM16	21.07	22.27	33	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM16	21.66	22.86	33	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM16	21.62	22.82	33	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM64	19.61	20.81	33	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM64	19.48	20.68	33	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM64	19.50	20.7	33	PASS

n77(3700-3980)	30	10	656000	12@6	DFT_QAM256	17.57	18.77	33	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM256	17.60	18.8	33	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM256	17.28	18.48	33	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	20.63	21.83	33	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	20.72	21.92	33	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	20.76	21.96	33	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM16	20.11	21.31	33	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM16	20.28	21.48	33	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM16	20.11	21.31	33	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM64	18.52	19.72	33	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM64	18.70	19.9	33	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM64	18.81	20.01	33	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM256	15.71	16.91	33	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM256	15.73	16.93	33	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM256	15.87	17.07	33	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	22.16	23.36	33	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	22.23	23.43	33	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	22.08	23.28	33	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	22.22	23.42	33	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	22.06	23.26	33	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	21.97	23.17	33	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM16	21.15	22.35	33	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM16	21.42	22.62	33	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM16	21.65	22.85	33	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM64	19.72	20.92	33	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM64	19.57	20.77	33	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM64	19.53	20.73	33	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM256	17.60	18.8	33	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM256	17.76	18.96	33	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM256	17.33	18.53	33	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	20.61	21.81	33	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	20.79	21.99	33	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	20.75	21.95	33	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM16	20.12	21.32	33	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM16	20.38	21.58	33	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM16	20.28	21.48	33	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM64	18.58	19.78	33	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM64	18.85	20.05	33	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM64	18.80	20	33	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM256	15.86	17.06	33	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM256	15.89	17.09	33	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM256	15.61	16.81	33	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	24.22	25.42	33	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	24.15	25.35	33	PASS

n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	24.37	25.57	33	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	24.29	25.49	33	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	23.97	25.17	33	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	24.28	25.48	33	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM16	23.25	24.45	33	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM16	23.32	24.52	33	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM16	23.28	24.48	33	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM64	21.77	22.97	33	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM64	21.67	22.87	33	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM64	21.92	23.12	33	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM256	19.82	21.02	33	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM256	19.37	20.57	33	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM256	20.19	21.39	33	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	22.72	23.92	33	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	22.52	23.72	33	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	22.81	24.01	33	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM16	22.39	23.59	33	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM16	22.08	23.28	33	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM16	22.42	23.62	33	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM64	20.81	22.01	33	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM64	20.83	22.03	33	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM64	20.97	22.17	33	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM256	17.79	18.99	33	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM256	17.66	18.86	33	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM256	18.03	19.23	33	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	25.09	26.29	33	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	24.97	26.17	33	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	25.02	26.22	33	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	25.07	26.27	33	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	24.88	26.08	33	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	24.85	26.05	33	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM16	24.10	25.3	33	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM16	24.09	25.29	33	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM16	24.30	25.5	33	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM64	22.58	23.78	33	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM64	22.88	24.08	33	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM64	22.90	24.1	33	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM256	20.70	21.9	33	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM256	20.28	21.48	33	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM256	20.75	21.95	33	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	23.56	24.76	33	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	23.52	24.72	33	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QPSK	23.43	24.63	33	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM16	23.18	24.38	33	PASS

n77(3700-3980)	30	15	656000	1@1	CP_QAM16	23.04	24.24	33	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM16	23.09	24.29	33	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM64	21.57	22.77	33	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM64	21.68	22.88	33	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM64	21.74	22.94	33	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM256	18.65	19.85	33	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM256	18.63	19.83	33	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM256	18.58	19.78	33	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	25.14	26.34	33	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	25.15	26.35	33	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	24.93	26.13	33	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	25.06	26.26	33	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	25.01	26.21	33	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	24.89	26.09	33	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM16	24.16	25.36	33	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM16	24.28	25.48	33	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM16	24.05	25.25	33	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM64	22.61	23.81	33	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM64	22.62	23.82	33	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM64	22.47	23.67	33	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM256	20.67	21.87	33	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM256	20.89	22.09	33	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM256	20.30	21.5	33	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	23.60	24.8	33	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	23.71	24.91	33	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	23.42	24.62	33	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM16	23.20	24.4	33	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM16	23.34	24.54	33	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM16	23.05	24.25	33	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM64	21.73	22.93	33	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM64	21.90	23.1	33	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM64	21.77	22.97	33	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM256	18.64	19.84	33	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM256	18.81	20.01	33	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM256	18.60	19.8	33	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	24.33	25.53	33	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	24.06	25.26	33	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	24.44	25.64	33	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	24.28	25.48	33	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	23.90	25.1	33	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	24.41	25.61	33	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM16	23.23	24.43	33	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM16	23.35	24.55	33	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM16	23.82	25.02	33	PASS

n77(3700-3980)	30	20	647334	25@12	DFT_QAM64	21.91	23.11	33	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM64	21.52	22.72	33	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM64	21.84	23.04	33	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM256	19.94	21.14	33	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM256	19.87	21.07	33	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM256	19.66	20.86	33	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	22.71	23.91	33	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	22.47	23.67	33	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	22.93	24.13	33	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM16	22.23	23.43	33	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM16	22.03	23.23	33	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM16	22.43	23.63	33	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM64	20.89	22.09	33	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM64	21.08	22.28	33	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM64	21.63	22.83	33	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM256	17.79	18.99	33	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM256	17.57	18.77	33	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM256	18.05	19.25	33	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	25.08	26.28	33	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	24.90	26.1	33	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	24.99	26.19	33	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	25.12	26.32	33	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	24.78	25.98	33	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	24.78	25.98	33	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM16	24.10	25.3	33	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM16	24.33	25.53	33	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM16	24.33	25.53	33	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM64	22.68	23.88	33	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM64	22.54	23.74	33	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM64	22.51	23.71	33	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM256	20.64	21.84	33	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM256	20.20	21.4	33	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM256	20.28	21.48	33	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	23.51	24.71	33	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	23.37	24.57	33	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	23.34	24.54	33	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM16	23.07	24.27	33	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM16	23.13	24.33	33	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM16	23.22	24.42	33	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM64	21.70	22.9	33	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM64	21.64	22.84	33	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM64	21.54	22.74	33	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM256	18.69	19.89	33	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM256	18.46	19.66	33	PASS

n77(3700-3980)	30	20	656000	1@49	CP_QAM256	18.51	19.71	33	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	25.22	26.42	33	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	25.25	26.45	33	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	24.96	26.16	33	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	25.18	26.38	33	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	25.10	26.3	33	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	24.75	25.95	33	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM16	24.22	25.42	33	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM16	24.44	25.64	33	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM16	24.34	25.54	33	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM64	22.84	24.04	33	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM64	22.72	23.92	33	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM64	22.46	23.66	33	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM256	20.86	22.06	33	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM256	20.46	21.66	33	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM256	20.78	21.98	33	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	23.64	24.84	33	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	23.69	24.89	33	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	23.42	24.62	33	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM16	23.16	24.36	33	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM16	23.51	24.71	33	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM16	23.20	24.4	33	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM64	21.71	22.91	33	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM64	21.90	23.1	33	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM64	21.75	22.95	33	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM256	18.64	19.84	33	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM256	18.83	20.03	33	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM256	18.55	19.75	33	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_BPSK	24.36	25.56	33	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_BPSK	23.82	25.02	33	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_BPSK	24.23	25.43	33	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QPSK	24.41	25.61	33	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QPSK	23.65	24.85	33	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QPSK	24.10	25.3	33	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM16	23.36	24.56	33	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM16	23.02	24.22	33	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM16	23.08	24.28	33	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM64	21.92	23.12	33	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM64	21.41	22.61	33	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM64	21.64	22.84	33	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM256	19.93	21.13	33	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM256	19.05	20.25	33	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM256	19.96	21.16	33	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QPSK	22.91	24.11	33	PASS

n77(3700-3980)	30	30	647668	1@1	CP_QPSK	22.32	23.52	33	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QPSK	22.70	23.9	33	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM16	22.44	23.64	33	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM16	21.89	23.09	33	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM16	22.28	23.48	33	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM64	21.07	22.27	33	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM64	21.13	22.33	33	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM64	21.48	22.68	33	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM256	17.99	19.19	33	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM256	17.41	18.61	33	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM256	17.97	19.17	33	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_BPSK	25.10	26.3	33	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_BPSK	24.78	25.98	33	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_BPSK	24.84	26.04	33	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QPSK	25.06	26.26	33	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QPSK	24.56	25.76	33	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QPSK	24.73	25.93	33	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM16	24.08	25.28	33	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM16	23.64	24.84	33	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM16	23.72	24.92	33	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM64	22.65	23.85	33	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM64	22.27	23.47	33	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM64	22.33	23.53	33	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM256	20.72	21.92	33	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM256	19.98	21.18	33	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM256	20.67	21.87	33	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QPSK	23.59	24.79	33	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QPSK	23.29	24.49	33	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QPSK	23.45	24.65	33	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM16	23.05	24.25	33	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM16	22.83	24.03	33	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM16	22.95	24.15	33	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM64	21.63	22.83	33	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM64	21.52	22.72	33	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM64	21.69	22.89	33	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM256	18.73	19.93	33	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM256	18.36	19.56	33	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM256	18.51	19.71	33	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_BPSK	25.24	26.44	33	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_BPSK	24.87	26.07	33	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_BPSK	24.69	25.89	33	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QPSK	25.22	26.42	33	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QPSK	24.73	25.93	33	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QPSK	24.61	25.81	33	PASS

n77(3700-3980)	30	30	664332	36@18	DFT_QAM16	24.26	25.46	33	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM16	24.06	25.26	33	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM16	23.56	24.76	33	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM64	22.77	23.97	33	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM64	22.46	23.66	33	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM64	22.12	23.32	33	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM256	20.80	22	33	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM256	20.14	21.34	33	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM256	20.45	21.65	33	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QPSK	23.75	24.95	33	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QPSK	23.48	24.68	33	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QPSK	23.36	24.56	33	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM16	23.20	24.4	33	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM16	23.00	24.2	33	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM16	22.87	24.07	33	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM64	21.83	23.03	33	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM64	21.69	22.89	33	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM64	22.00	23.2	33	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM256	18.85	20.05	33	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM256	18.44	19.64	33	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM256	18.35	19.55	33	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	24.52	25.72	33	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	23.66	24.86	33	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	23.87	25.07	33	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	24.44	25.64	33	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	23.49	24.69	33	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	23.72	24.92	33	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM16	23.51	24.71	33	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM16	22.67	23.87	33	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM16	23.22	24.42	33	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM64	22.02	23.22	33	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM64	21.51	22.71	33	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM64	21.70	22.9	33	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM256	20.11	21.31	33	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM256	19.29	20.49	33	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM256	19.65	20.85	33	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	22.96	24.16	33	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	22.04	23.24	33	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	22.28	23.48	33	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM16	22.58	23.78	33	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM16	21.62	22.82	33	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM16	22.05	23.25	33	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM64	21.00	22.2	33	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM64	20.42	21.62	33	PASS

n77(3700-3980)	30	40	648000	1@104	CP_QAM64	20.58	21.78	33	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM256	18.07	19.27	33	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM256	17.28	18.48	33	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM256	17.54	18.74	33	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	24.98	26.18	33	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	24.49	25.69	33	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	24.65	25.85	33	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	25.03	26.23	33	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	24.36	25.56	33	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	24.60	25.8	33	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM16	24.07	25.27	33	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM16	23.77	24.97	33	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM16	24.03	25.23	33	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM64	22.56	23.76	33	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM64	22.41	23.61	33	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM64	22.19	23.39	33	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM256	20.78	21.98	33	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM256	20.21	21.41	33	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM256	20.44	21.64	33	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	23.48	24.68	33	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	23.04	24.24	33	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	23.24	24.44	33	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM16	23.05	24.25	33	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM16	22.60	23.8	33	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM16	22.87	24.07	33	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM64	21.55	22.75	33	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM64	21.23	22.43	33	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM64	21.40	22.6	33	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM256	18.65	19.85	33	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM256	18.08	19.28	33	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM256	18.30	19.5	33	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	25.23	26.43	33	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	24.51	25.71	33	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	24.50	25.7	33	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	25.22	26.42	33	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	24.38	25.58	33	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	24.41	25.61	33	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM16	24.17	25.37	33	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM16	23.76	24.96	33	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM16	23.82	25.02	33	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM64	22.76	23.96	33	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM64	21.79	22.99	33	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM64	21.89	23.09	33	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM256	20.90	22.1	33	PASS

n77(3700-3980)	30	40	664000	1@1	DFT_QAM256	20.27	21.47	33	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM256	19.77	20.97	33	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	23.65	24.85	33	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	22.95	24.15	33	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	22.94	24.14	33	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM16	23.26	24.46	33	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM16	22.53	23.73	33	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM16	22.64	23.84	33	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM64	21.76	22.96	33	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM64	21.64	22.84	33	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM64	21.33	22.53	33	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM256	18.76	19.96	33	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM256	18.28	19.48	33	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM256	18.39	19.59	33	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	24.51	25.71	33	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	23.94	25.14	33	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	24.26	25.46	33	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	24.53	25.73	33	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	23.72	24.92	33	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	24.18	25.38	33	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM16	23.57	24.77	33	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM16	23.11	24.31	33	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM16	23.53	24.73	33	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM64	22.07	23.27	33	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM64	21.20	22.4	33	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM64	21.71	22.91	33	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM256	20.19	21.39	33	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM256	19.61	20.81	33	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM256	20.05	21.25	33	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	22.98	24.18	33	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	22.33	23.53	33	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	22.57	23.77	33	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM16	22.47	23.67	33	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM16	21.87	23.07	33	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM16	22.47	23.67	33	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM64	21.00	22.2	33	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM64	20.72	21.92	33	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM64	21.01	22.21	33	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM256	18.18	19.38	33	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM256	17.66	18.86	33	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM256	17.83	19.03	33	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	25.08	26.28	33	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	24.75	25.95	33	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	25.07	26.27	33	PASS

n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	25.10	26.3	33	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	24.63	25.83	33	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	24.91	26.11	33	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM16	24.02	25.22	33	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM16	24.05	25.25	33	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM16	24.39	25.59	33	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM64	22.63	23.83	33	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM64	22.16	23.36	33	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM64	22.32	23.52	33	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM256	20.75	21.95	33	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM256	19.91	21.11	33	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM256	20.83	22.03	33	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	23.49	24.69	33	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	23.17	24.37	33	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	23.47	24.67	33	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM16	23.00	24.2	33	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM16	22.74	23.94	33	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM16	23.05	24.25	33	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM64	21.52	22.72	33	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM64	21.36	22.56	33	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM64	21.74	22.94	33	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM256	18.63	19.83	33	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM256	18.38	19.58	33	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM256	18.65	19.85	33	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	25.13	26.33	33	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	24.81	26.01	33	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	24.72	25.92	33	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	25.15	26.35	33	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	24.63	25.83	33	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	24.67	25.87	33	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM16	24.15	25.35	33	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM16	24.11	25.31	33	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM16	23.96	25.16	33	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM64	22.72	23.92	33	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM64	22.23	23.43	33	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM64	22.01	23.21	33	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM256	20.80	22	33	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM256	20.03	21.23	33	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM256	20.04	21.24	33	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	23.60	24.8	33	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QPSK	23.32	24.52	33	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	23.18	24.38	33	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM16	23.17	24.37	33	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM16	22.97	24.17	33	PASS

n77(3700-3980)	30	50	663666	1@131	CP_QAM16	22.88	24.08	33	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM64	21.69	22.89	33	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM64	21.66	22.86	33	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM64	21.57	22.77	33	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM256	18.81	20.01	33	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM256	18.42	19.62	33	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM256	18.54	19.74	33	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	24.42	25.62	33	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	23.74	24.94	33	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	24.16	25.36	33	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	24.41	25.61	33	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	23.51	24.71	33	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	23.94	25.14	33	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM16	23.39	24.59	33	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM16	22.80	24	33	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM16	23.24	24.44	33	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM64	22.05	23.25	33	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM64	21.12	22.32	33	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM64	21.49	22.69	33	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM256	19.99	21.19	33	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM256	19.51	20.71	33	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM256	19.98	21.18	33	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	22.89	24.09	33	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	21.99	23.19	33	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	22.41	23.61	33	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM16	22.40	23.6	33	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM16	21.82	23.02	33	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM16	22.28	23.48	33	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM64	20.96	22.16	33	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM64	20.75	21.95	33	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM64	21.25	22.45	33	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM256	18.04	19.24	33	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM256	17.55	18.75	33	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM256	17.97	19.17	33	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	24.97	26.17	33	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	24.45	25.65	33	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	24.89	26.09	33	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	25.00	26.2	33	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	24.34	25.54	33	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	24.75	25.95	33	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM16	24.02	25.22	33	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM16	23.61	24.81	33	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM16	24.05	25.25	33	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM64	22.60	23.8	33	PASS

n77(3700-3980)	30	60	656000	1@1	DFT_QAM64	21.88	23.08	33	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM64	22.20	23.4	33	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM256	20.69	21.89	33	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM256	20.21	21.41	33	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM256	20.65	21.85	33	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	23.48	24.68	33	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QPSK	22.81	24.01	33	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	23.15	24.35	33	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM16	23.03	24.23	33	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM16	22.58	23.78	33	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM16	23.02	24.22	33	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM64	21.57	22.77	33	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM64	21.49	22.69	33	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM64	21.96	23.16	33	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM256	18.60	19.8	33	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM256	18.19	19.39	33	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM256	18.79	19.99	33	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	25.02	26.22	33	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	24.83	26.03	33	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	24.55	25.75	33	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	25.09	26.29	33	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	24.56	25.76	33	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	24.36	25.56	33	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM16	24.05	25.25	33	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM16	23.65	24.85	33	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM16	23.43	24.63	33	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM64	22.59	23.79	33	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM64	22.34	23.54	33	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM64	21.97	23.17	33	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM256	20.62	21.82	33	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM256	20.04	21.24	33	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM256	20.34	21.54	33	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	23.49	24.69	33	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	23.38	24.58	33	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	23.13	24.33	33	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM16	23.04	24.24	33	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM16	22.89	24.09	33	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM16	22.62	23.82	33	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM64	21.62	22.82	33	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM64	21.63	22.83	33	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM64	21.83	23.03	33	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM256	18.68	19.88	33	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM256	18.55	19.75	33	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM256	18.18	19.38	33	PASS

n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	24.55	25.75	33	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	23.60	24.8	33	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	24.12	25.32	33	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	24.64	25.84	33	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	23.53	24.73	33	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	23.92	25.12	33	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM16	23.58	24.78	33	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM16	23.02	24.22	33	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM16	23.45	24.65	33	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM64	22.17	23.37	33	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM64	21.23	22.43	33	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM64	21.51	22.71	33	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM256	20.22	21.42	33	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM256	18.86	20.06	33	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM256	19.84	21.04	33	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	23.14	24.34	33	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	22.11	23.31	33	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	22.59	23.79	33	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM16	22.59	23.79	33	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM16	21.83	23.03	33	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM16	22.26	23.46	33	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM64	21.12	22.32	33	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM64	20.77	21.97	33	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM64	20.92	22.12	33	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM256	18.24	19.44	33	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM256	17.27	18.47	33	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM256	17.70	18.9	33	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	25.07	26.27	33	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	24.26	25.46	33	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	24.79	25.99	33	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	25.13	26.33	33	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	24.06	25.26	33	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	24.61	25.81	33	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM16	24.14	25.34	33	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM16	23.48	24.68	33	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM16	24.08	25.28	33	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM64	22.65	23.85	33	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM64	21.74	22.94	33	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM64	22.26	23.46	33	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM256	20.72	21.92	33	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM256	19.33	20.53	33	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM256	20.54	21.74	33	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	23.58	24.78	33	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	22.64	23.84	33	PASS

n77(3700-3980)	30	80	656000	1@215	CP_QPSK	23.19	24.39	33	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM16	23.17	24.37	33	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM16	22.34	23.54	33	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM16	22.88	24.08	33	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM64	21.65	22.85	33	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM64	21.27	22.47	33	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM64	21.82	23.02	33	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM256	18.70	19.9	33	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM256	18.00	19.2	33	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM256	18.57	19.77	33	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	25.13	26.33	33	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	24.73	25.93	33	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	24.39	25.59	33	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	25.12	26.32	33	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	24.50	25.7	33	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	24.26	25.46	33	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM16	24.11	25.31	33	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM16	23.75	24.95	33	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM16	23.54	24.74	33	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM64	22.61	23.81	33	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM64	22.15	23.35	33	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM64	21.87	23.07	33	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM256	20.75	21.95	33	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM256	20.39	21.59	33	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM256	19.54	20.74	33	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	23.57	24.77	33	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	23.10	24.3	33	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QPSK	22.91	24.11	33	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM16	23.08	24.28	33	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM16	22.83	24.03	33	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM16	22.56	23.76	33	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM64	21.67	22.87	33	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM64	21.76	22.96	33	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM64	21.46	22.66	33	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM256	18.72	19.92	33	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM256	18.23	19.43	33	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM256	17.94	19.14	33	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	24.63	25.83	33	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	23.50	24.7	33	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	24.19	25.39	33	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	24.61	25.81	33	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	23.41	24.61	33	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	24.05	25.25	33	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM16	23.61	24.81	33	PASS

n77(3700-3980)	30	90	649668	1@1	DFT_QAM16	22.37	23.57	33	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM16	22.95	24.15	33	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM64	22.12	23.32	33	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM64	21.14	22.34	33	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM64	21.73	22.93	33	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM256	20.19	21.39	33	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM256	19.42	20.62	33	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM256	19.95	21.15	33	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	23.02	24.22	33	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	21.82	23.02	33	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	22.53	23.73	33	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM16	22.54	23.74	33	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM16	21.52	22.72	33	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM16	22.16	23.36	33	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM64	21.12	22.32	33	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM64	20.04	21.24	33	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM64	20.75	21.95	33	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM256	18.15	19.35	33	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM256	17.06	18.26	33	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM256	17.68	18.88	33	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	25.11	26.31	33	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	24.15	25.35	33	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	24.61	25.81	33	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	25.02	26.22	33	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	24.08	25.28	33	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	24.49	25.69	33	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM16	24.04	25.24	33	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM16	23.43	24.63	33	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM16	23.97	25.17	33	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM64	22.60	23.8	33	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM64	21.45	22.65	33	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM64	21.99	23.19	33	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM256	20.66	21.86	33	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM256	19.90	21.1	33	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM256	19.88	21.08	33	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QPSK	23.62	24.82	33	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	22.57	23.77	33	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	23.02	24.22	33	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM16	23.12	24.32	33	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM16	22.38	23.58	33	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM16	22.98	24.18	33	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM64	21.60	22.8	33	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM64	20.86	22.06	33	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM64	21.45	22.65	33	PASS

n77(3700-3980)	30	90	656000	123@61	CP_QAM256	18.58	19.78	33	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM256	17.76	18.96	33	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM256	18.39	19.59	33	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	25.08	26.28	33	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	24.53	25.73	33	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	24.30	25.5	33	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	24.98	26.18	33	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	24.46	25.66	33	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	24.18	25.38	33	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM16	24.00	25.2	33	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM16	23.91	25.11	33	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM16	23.70	24.9	33	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM64	22.62	23.82	33	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM64	21.87	23.07	33	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM64	21.70	22.9	33	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM256	20.69	21.89	33	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM256	20.35	21.55	33	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM256	20.08	21.28	33	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	23.45	24.65	33	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	22.82	24.02	33	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	22.62	23.82	33	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM16	23.08	24.28	33	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM16	22.88	24.08	33	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM16	22.61	23.81	33	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM64	21.53	22.73	33	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM64	21.67	22.87	33	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM64	21.31	22.51	33	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM256	18.63	19.83	33	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM256	18.35	19.55	33	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM256	18.07	19.27	33	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	24.58	25.78	33	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	23.38	24.58	33	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	24.16	25.36	33	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	24.58	25.78	33	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	23.30	24.5	33	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	23.93	25.13	33	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM16	23.54	24.74	33	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM16	22.28	23.48	33	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM16	22.99	24.19	33	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM64	22.03	23.23	33	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM64	20.90	22.1	33	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM64	21.51	22.71	33	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM256	20.17	21.37	33	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM256	19.16	20.36	33	PASS

n77(3700-3980)	30	100	650000	1@271	DFT_QAM256	19.31	20.51	33	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	23.13	24.33	33	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	21.75	22.95	33	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	22.48	23.68	33	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM16	22.57	23.77	33	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM16	21.37	22.57	33	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM16	22.14	23.34	33	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM64	21.08	22.28	33	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM64	19.99	21.19	33	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM64	20.79	21.99	33	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM256	18.06	19.26	33	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM256	16.82	18.02	33	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM256	17.66	18.86	33	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	25.03	26.23	33	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	23.94	25.14	33	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	24.39	25.59	33	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	25.08	26.28	33	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	23.74	24.94	33	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	24.33	25.53	33	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM16	24.05	25.25	33	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM16	23.08	24.28	33	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM16	23.32	24.52	33	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM64	22.54	23.74	33	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM64	21.34	22.54	33	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM64	21.97	23.17	33	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM256	20.72	21.92	33	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM256	19.62	20.82	33	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM256	20.27	21.47	33	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	23.55	24.75	33	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	22.35	23.55	33	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	22.88	24.08	33	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM16	23.07	24.27	33	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM16	22.01	23.21	33	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM16	22.66	23.86	33	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM64	21.63	22.83	33	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM64	20.47	21.67	33	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM64	21.21	22.41	33	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM256	18.67	19.87	33	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM256	17.31	18.51	33	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM256	17.99	19.19	33	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	25.09	26.29	33	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	24.42	25.62	33	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	24.15	25.35	33	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	25.09	26.29	33	PASS

n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	24.29	25.49	33	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	24.10	25.3	33	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM16	24.11	25.31	33	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM16	23.63	24.83	33	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM16	23.49	24.69	33	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM64	22.62	23.82	33	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM64	21.87	23.07	33	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM64	21.42	22.62	33	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM256	20.70	21.9	33	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM256	20.19	21.39	33	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM256	19.39	20.59	33	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	23.57	24.77	33	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QPSK	22.86	24.06	33	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	22.63	23.83	33	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM16	23.13	24.33	33	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM16	22.79	23.99	33	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM16	22.28	23.48	33	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM64	21.58	22.78	33	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM64	21.53	22.73	33	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM64	20.93	22.13	33	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM256	18.71	19.91	33	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM256	17.98	19.18	33	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM256	17.67	18.87	33	PASS

2. Frequency stability for NR FR1

NT:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	3.87	-27.61	-0.01	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	3.50	-20.05	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	4.45	-27.88	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	3.87	-25.26	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	3.50	-23.03	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	4.45	-28.66	-0.01		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	-26.14	-0.01	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	-20	-26.14	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	-10	-23.27	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	0	-20.96	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	10	-24.09	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	20	-24.08	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	30	-24.68	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	40	-22.22	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	50	-23.3	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-30	-22.34	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-20	-24.49	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-10	-21.66	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	0	-23.31	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	10	-25.87	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	20	-25.58	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	30	-23.47	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	40	-5.21	-0.01	PASS	
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	50	-25.72	-0.01	PASS	

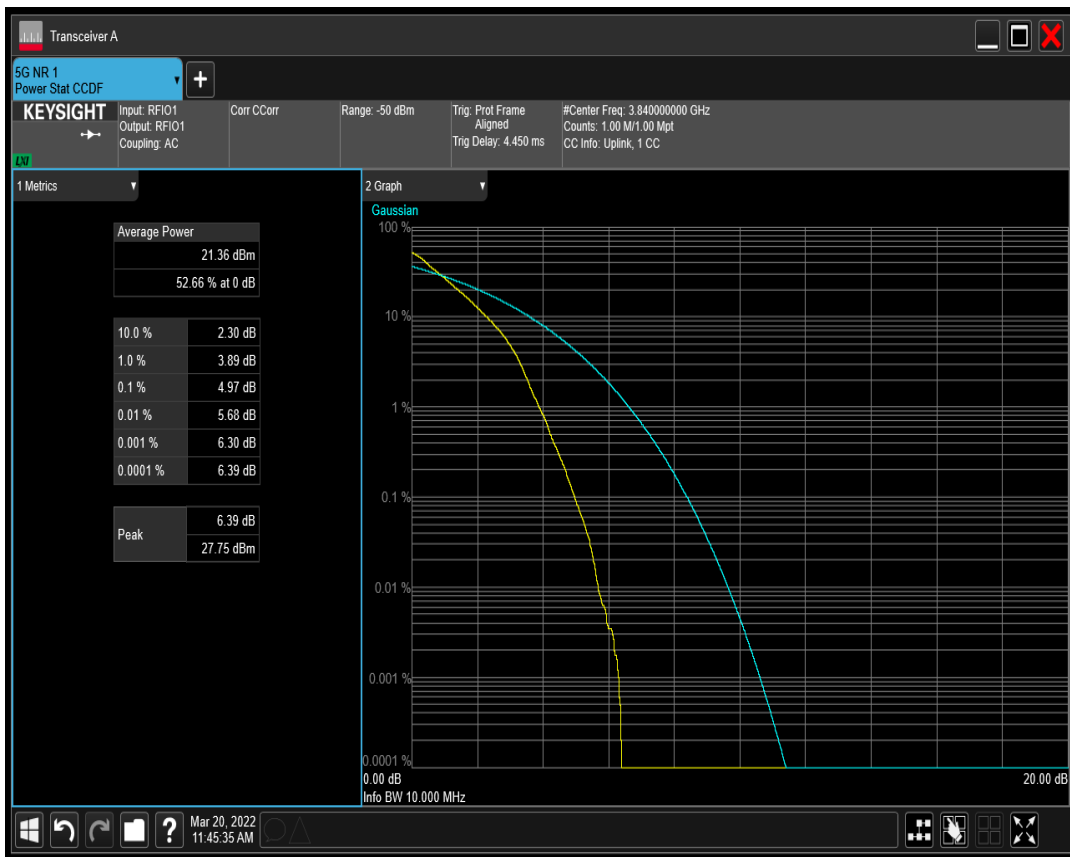
Note: Only the worst case shown in the report.

3. Peak-to-Average Ratio for NR FR1

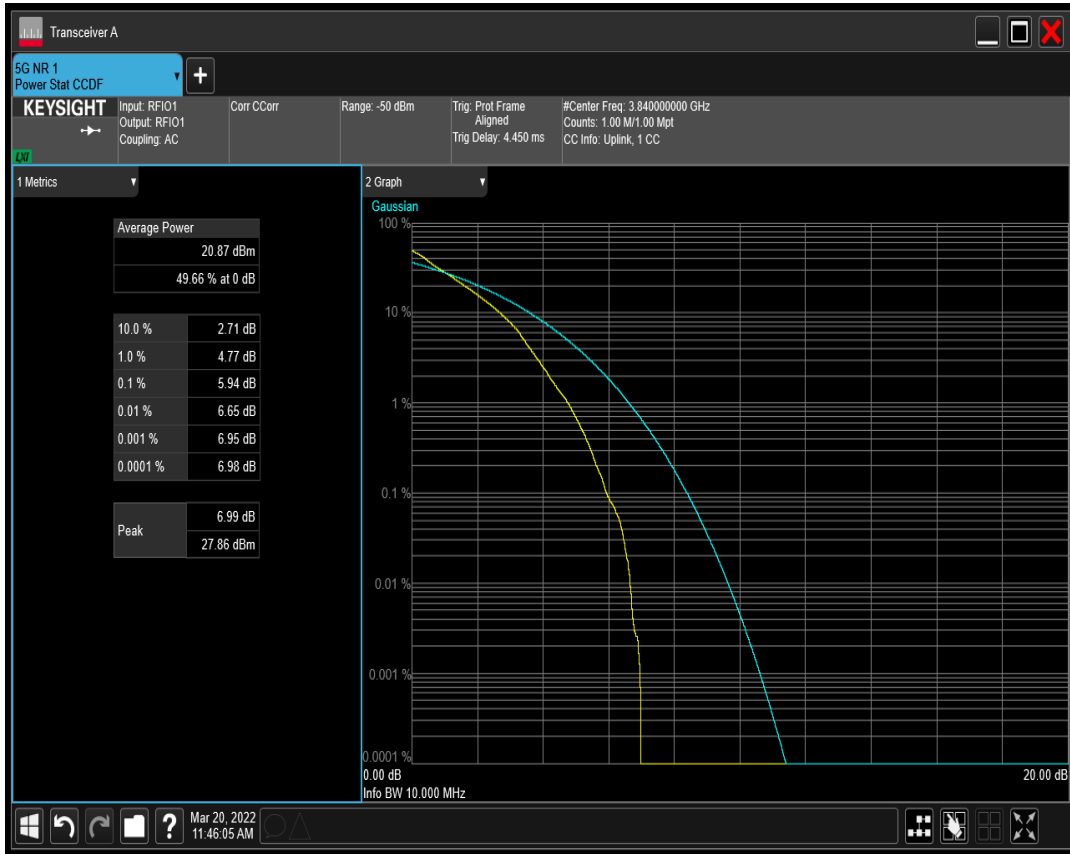
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	4.97	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	5.94	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	6.91	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	6.95	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	6.97	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	4.64	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	5.67	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	6.55	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	6.77	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	6.83	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	4.67	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	5.90	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	6.63	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	6.88	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	6.82	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_BPSK	4.65	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	5.73	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM16	6.54	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM64	6.81	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM256	7.12	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	4.63	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	5.78	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	6.55	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	6.77	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	6.96	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	5.07	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	5.80	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	6.55	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	6.76	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	6.97	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	4.66	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	5.78	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	6.57	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	6.83	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	7.11	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	5.24	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	5.86	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM16	6.50	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM64	6.84	13	PASS

n77(3700-3980)	30	80	656000	216@0	DFT_QAM256	7.01	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_BPSK	4.96	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QPSK	5.79	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM16	6.61	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM64	6.84	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM256	6.95	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	5.33	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	5.89	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM16	6.62	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM64	6.80	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM256	6.92	13	PASS

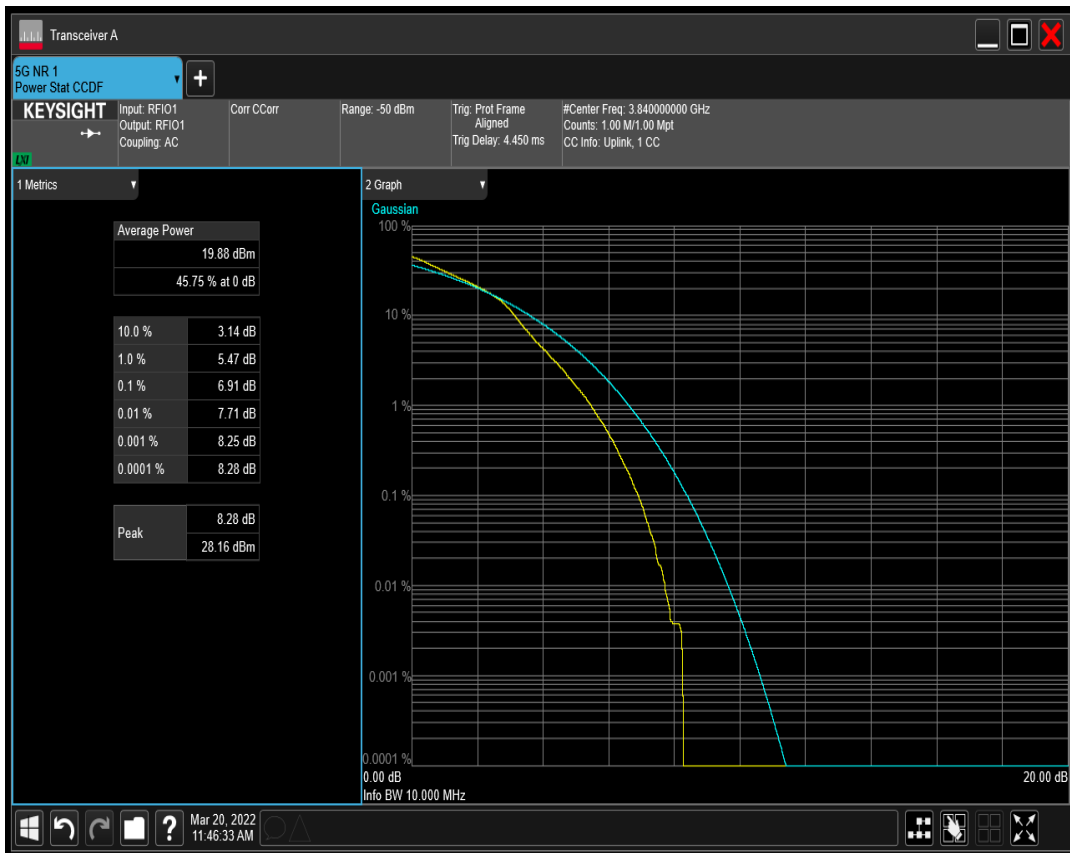
n77(3700-3980) SCS=30kHz DFT_BPSK BW=10MHz Channel=656000 RB=24@0



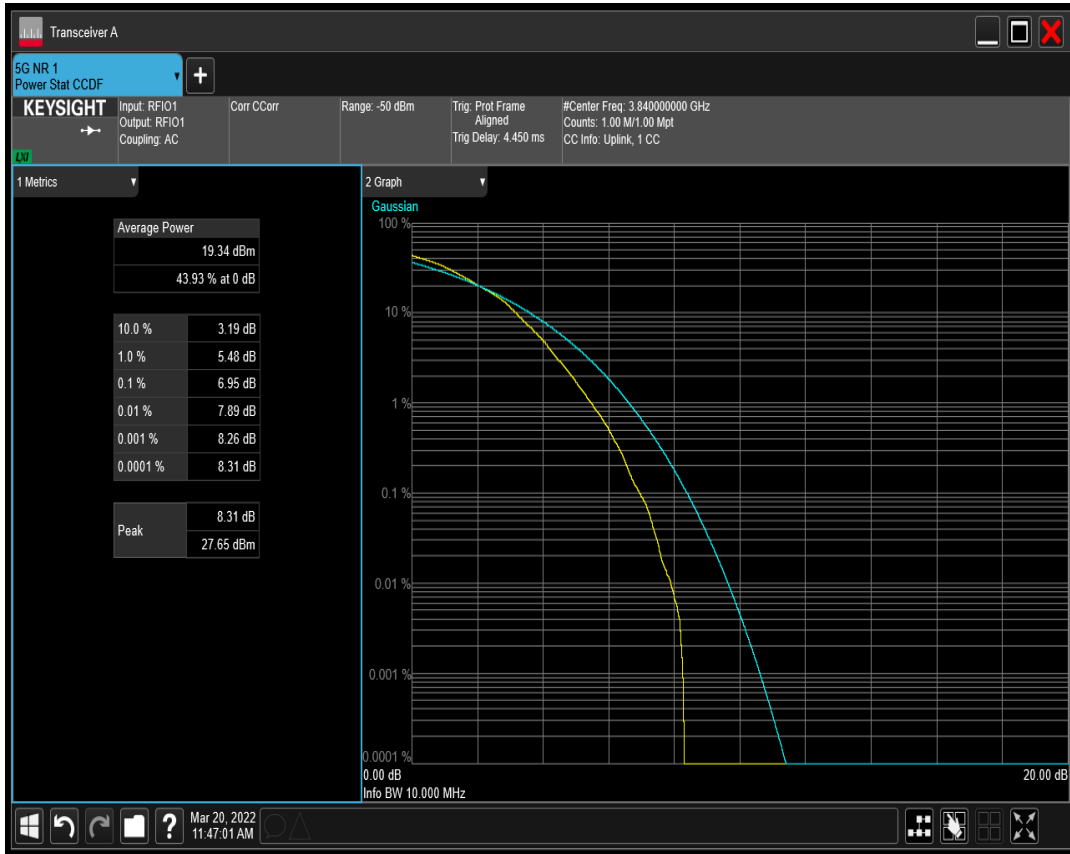
n77(3700-3980) SCS=30kHz DFT_QPSK BW=10MHz Channel=656000 RB=24@0



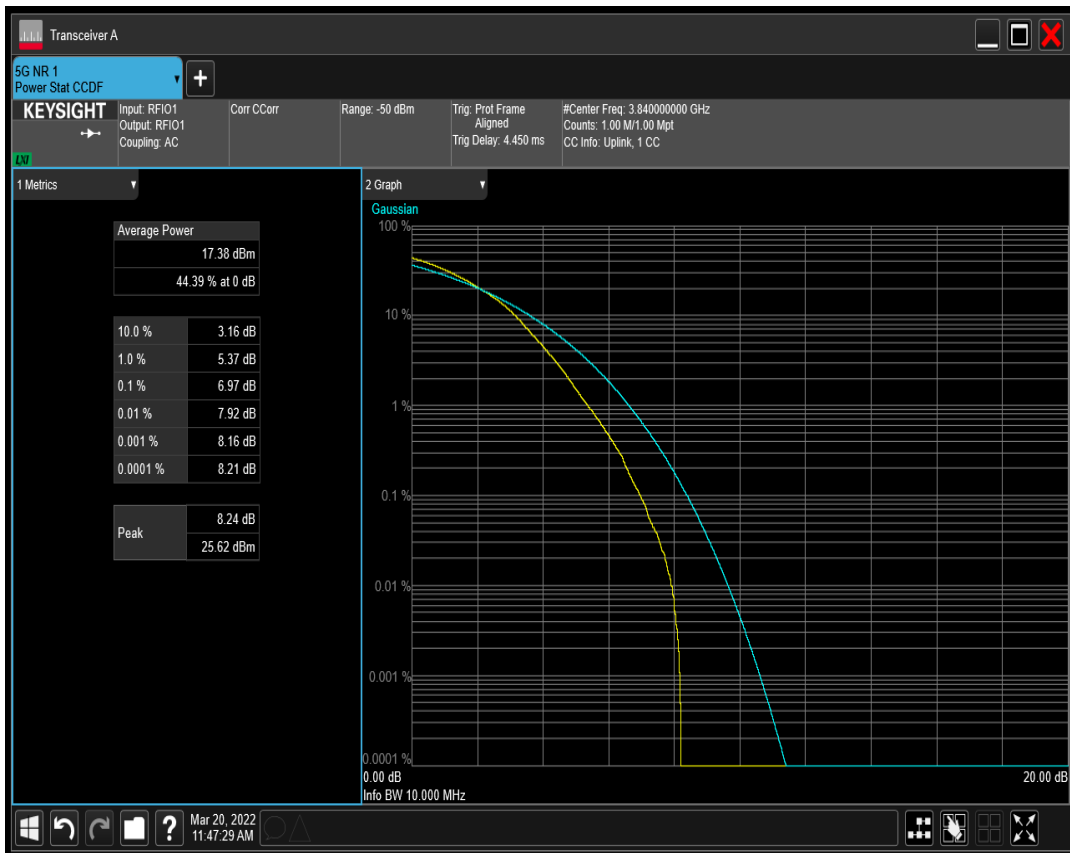
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=10MHz Channel=656000 RB=24@0



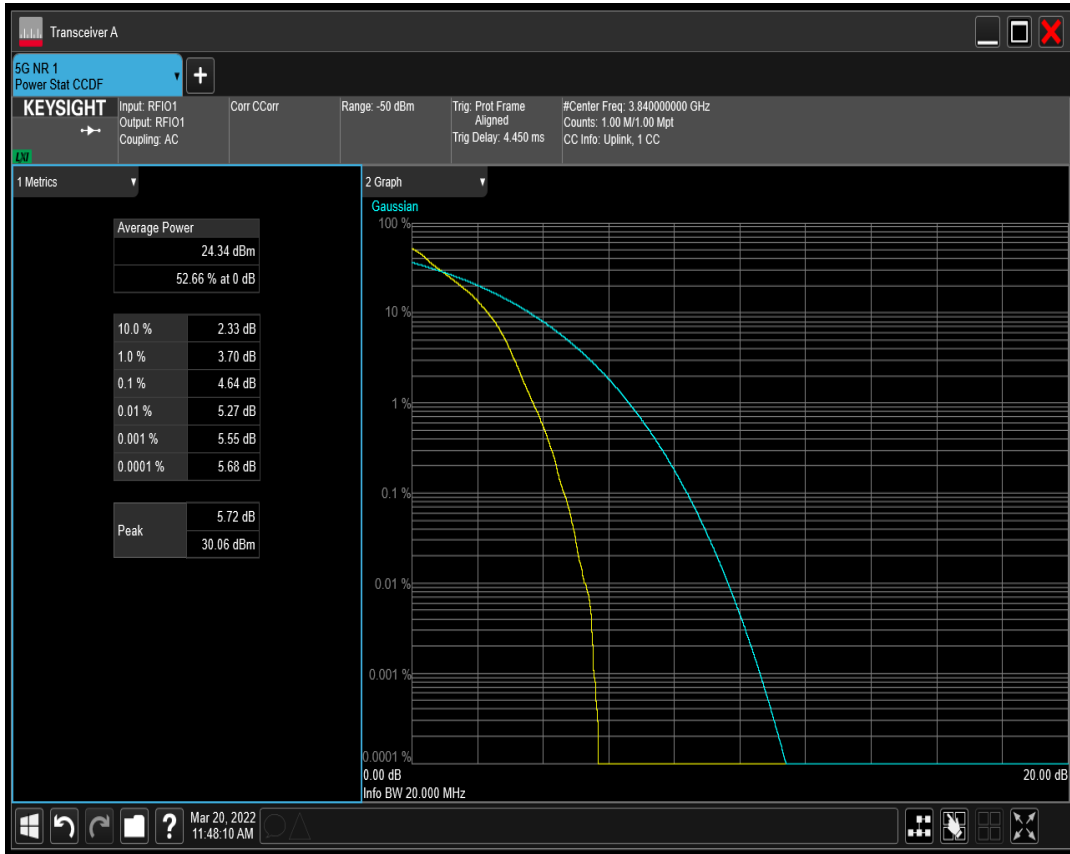
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=10MHz Channel=656000 RB=24@0



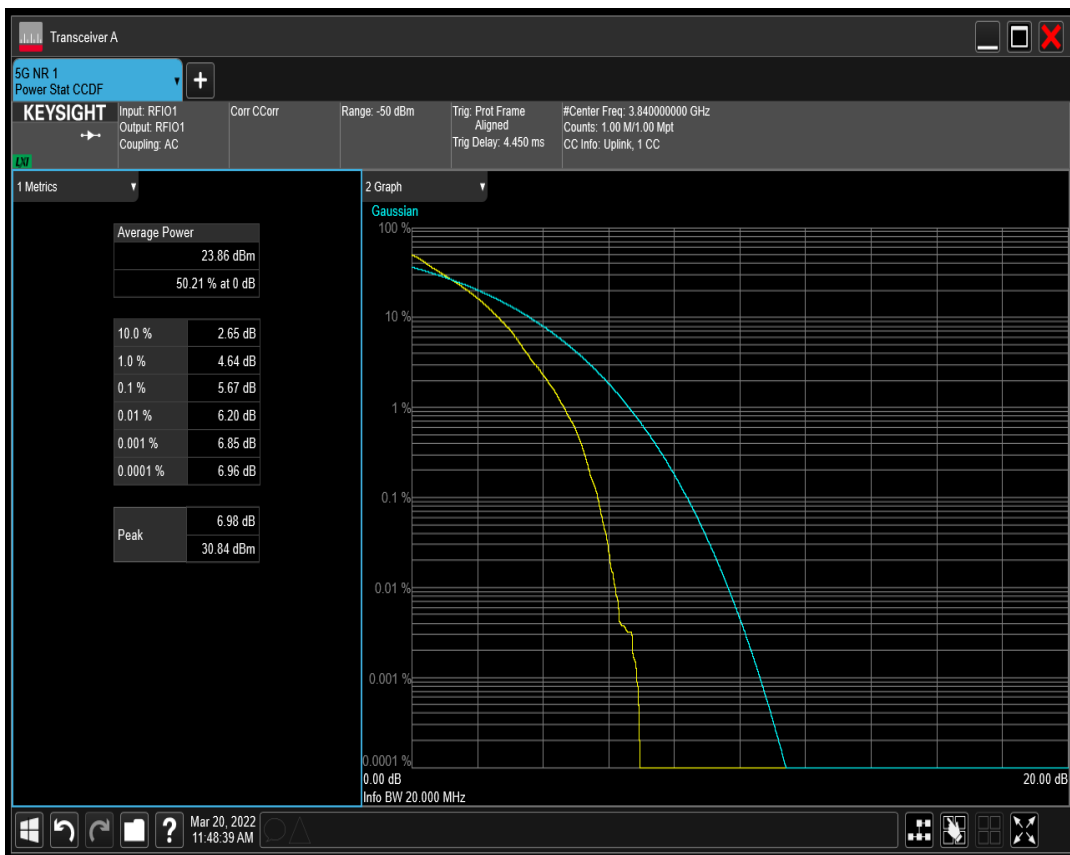
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=10MHz Channel=656000 RB=24@0



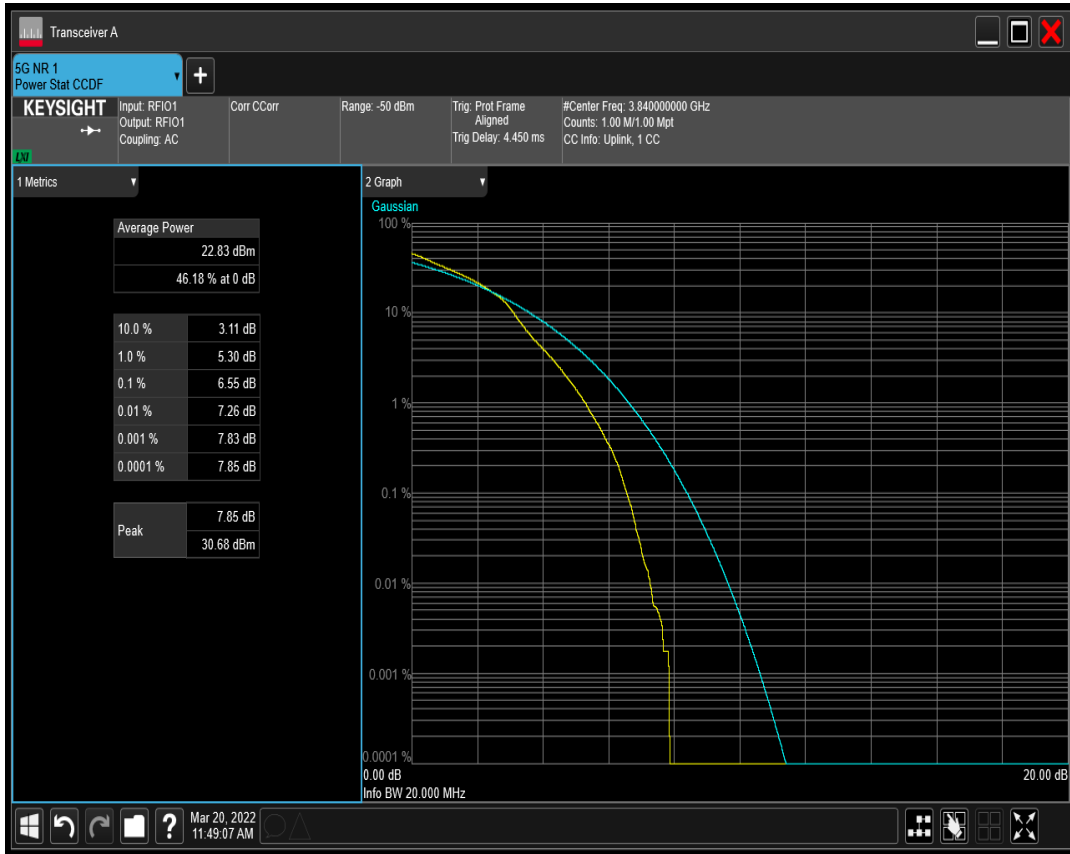
n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz Channel=656000 RB=36@0



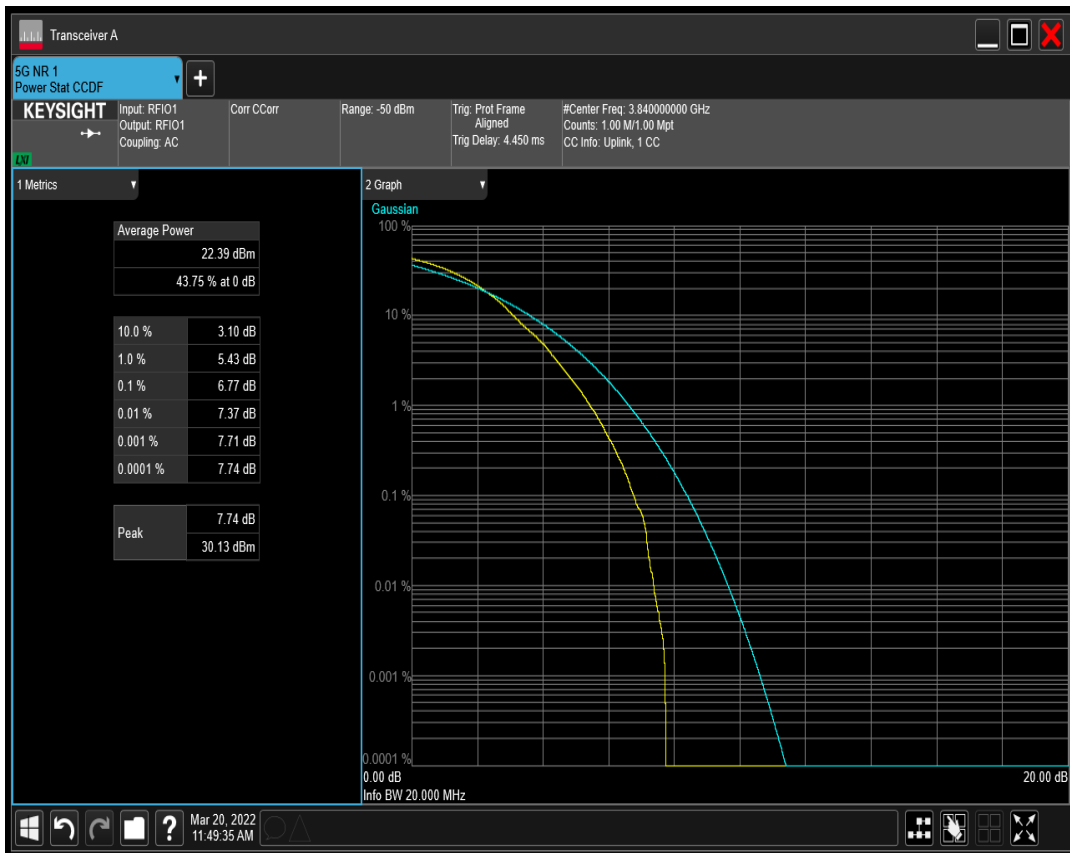
n77(3700-3980) SCS=30kHz DFT_QPSK BW=15MHz Channel=656000 RB=36@0



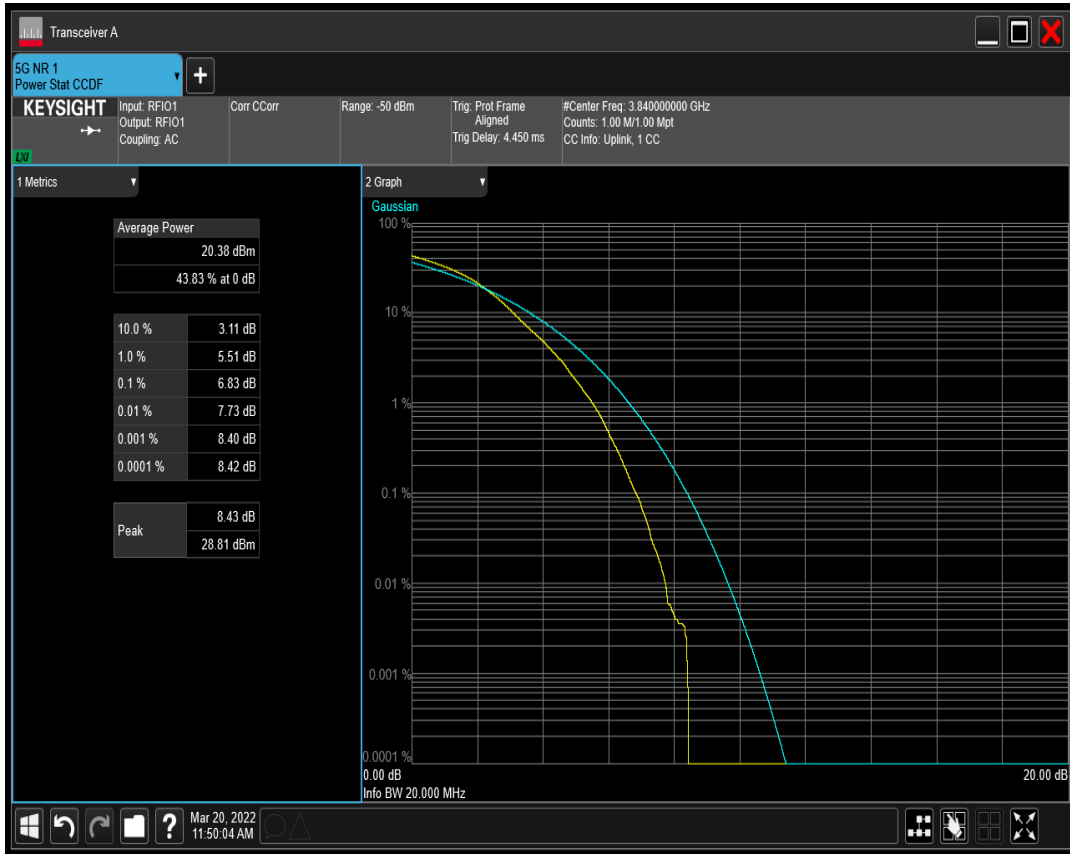
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=15MHz Channel=656000 RB=36@0



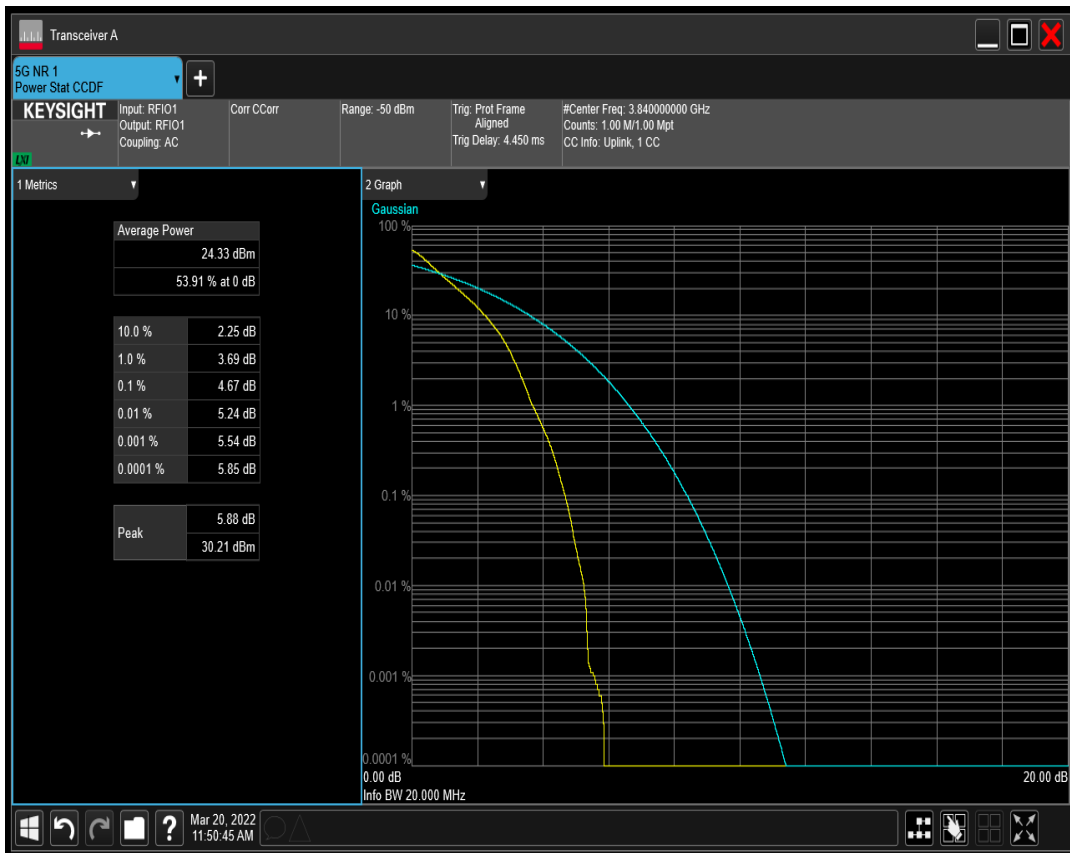
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=656000 RB=36@0



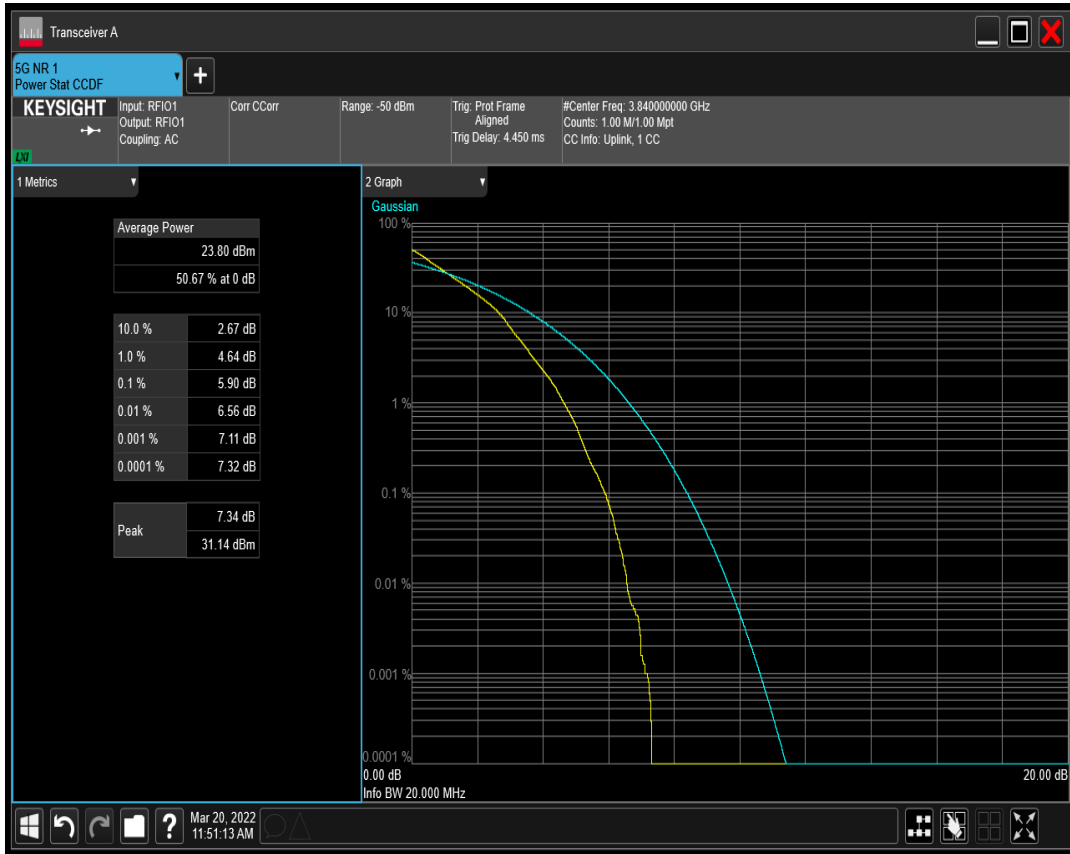
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=15MHz Channel=656000 RB=36@0



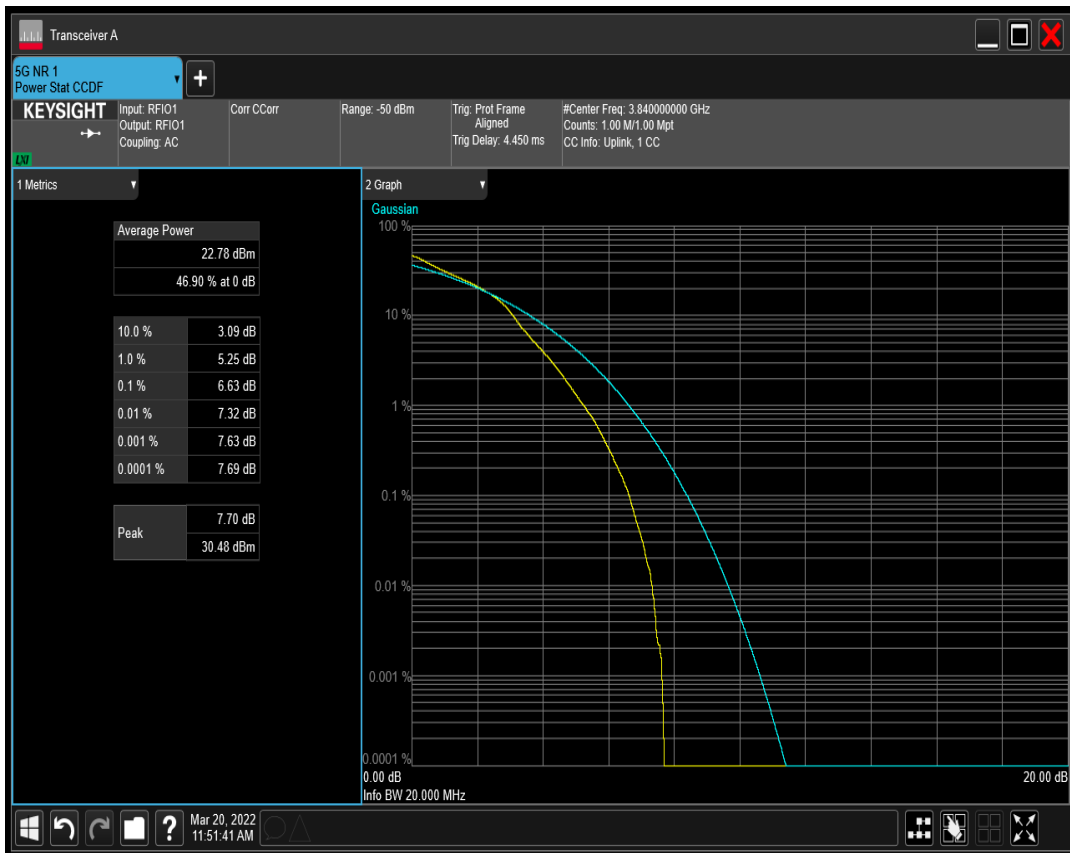
n77(3700-3980) SCS=30kHz DFT_BPSK BW=20MHz Channel=656000 RB=50@0



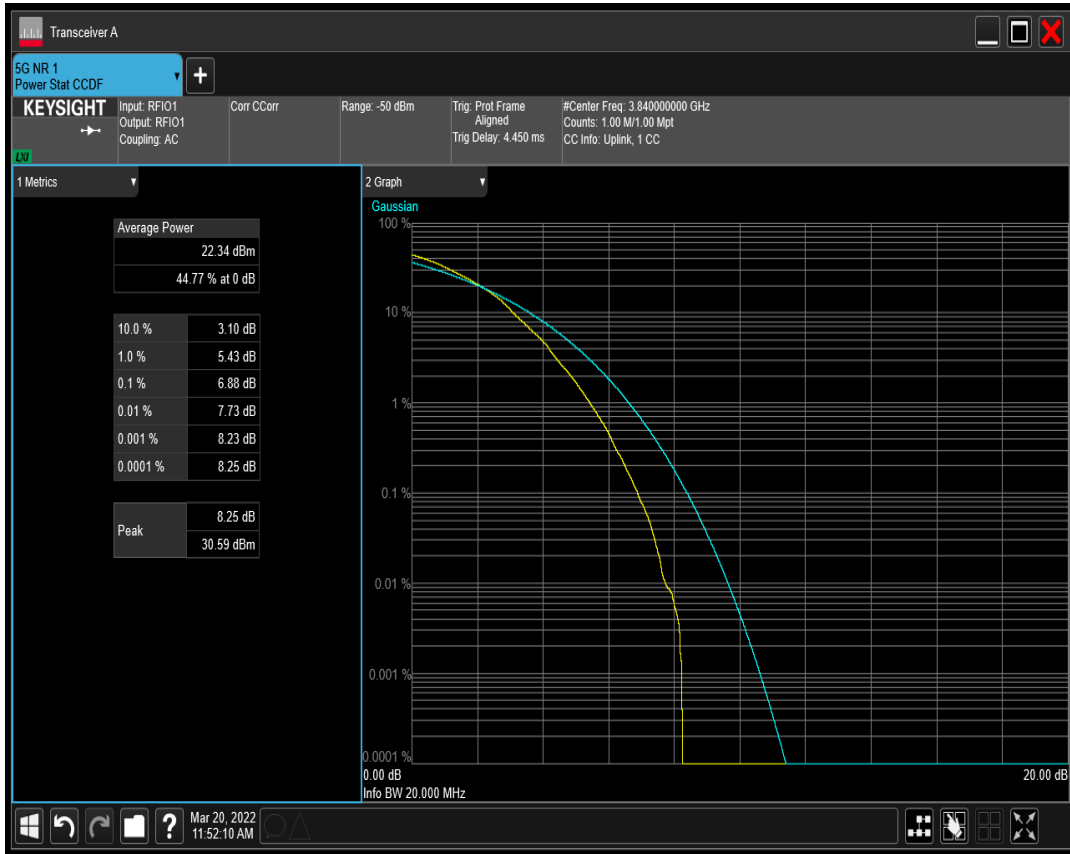
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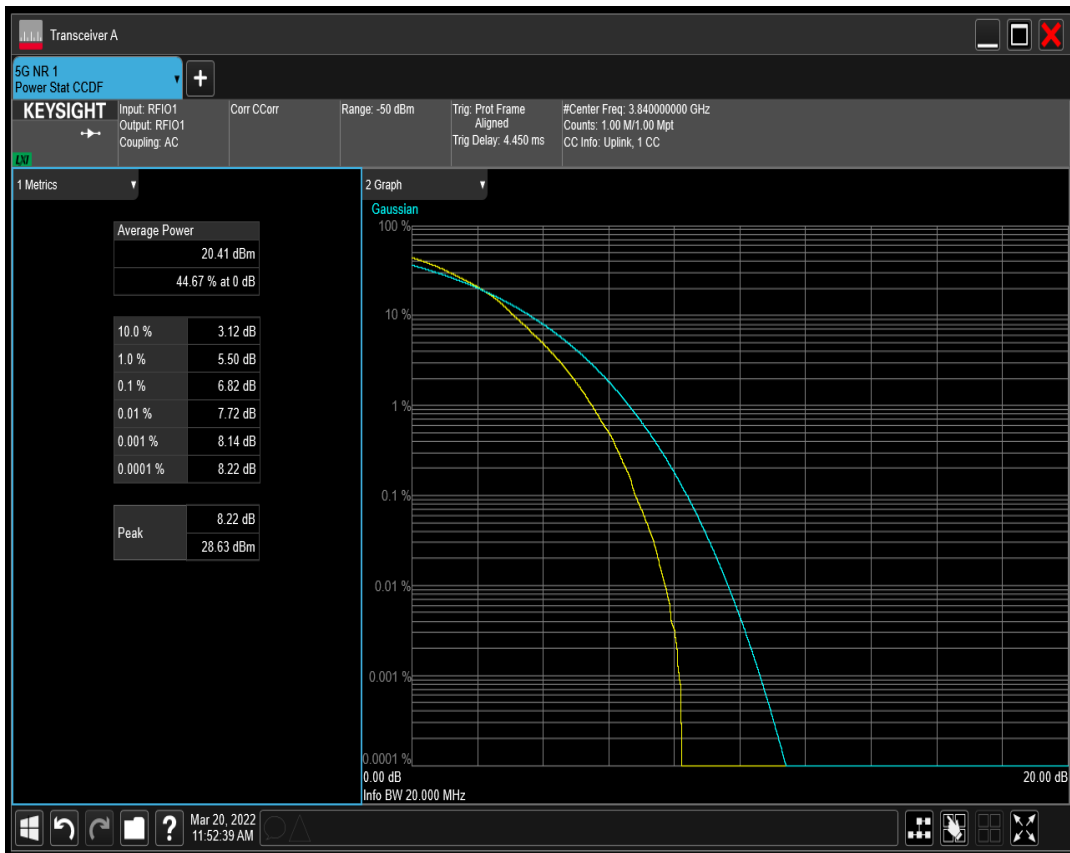
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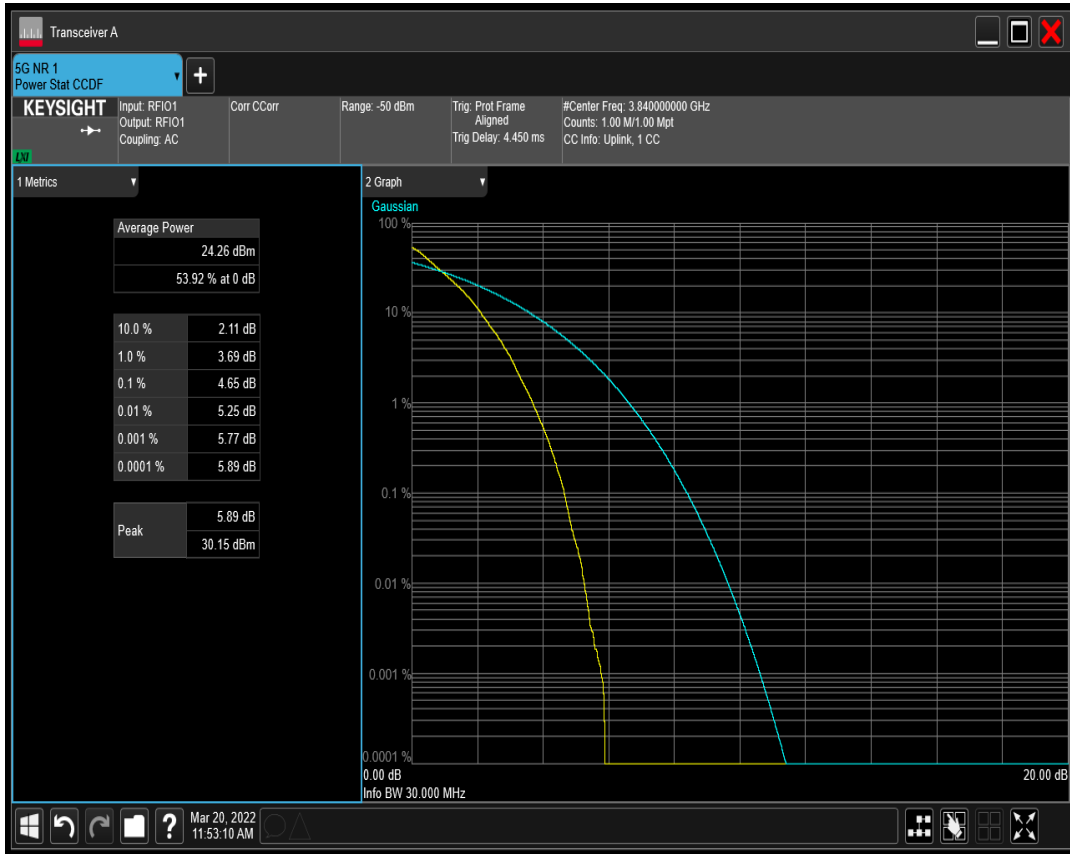
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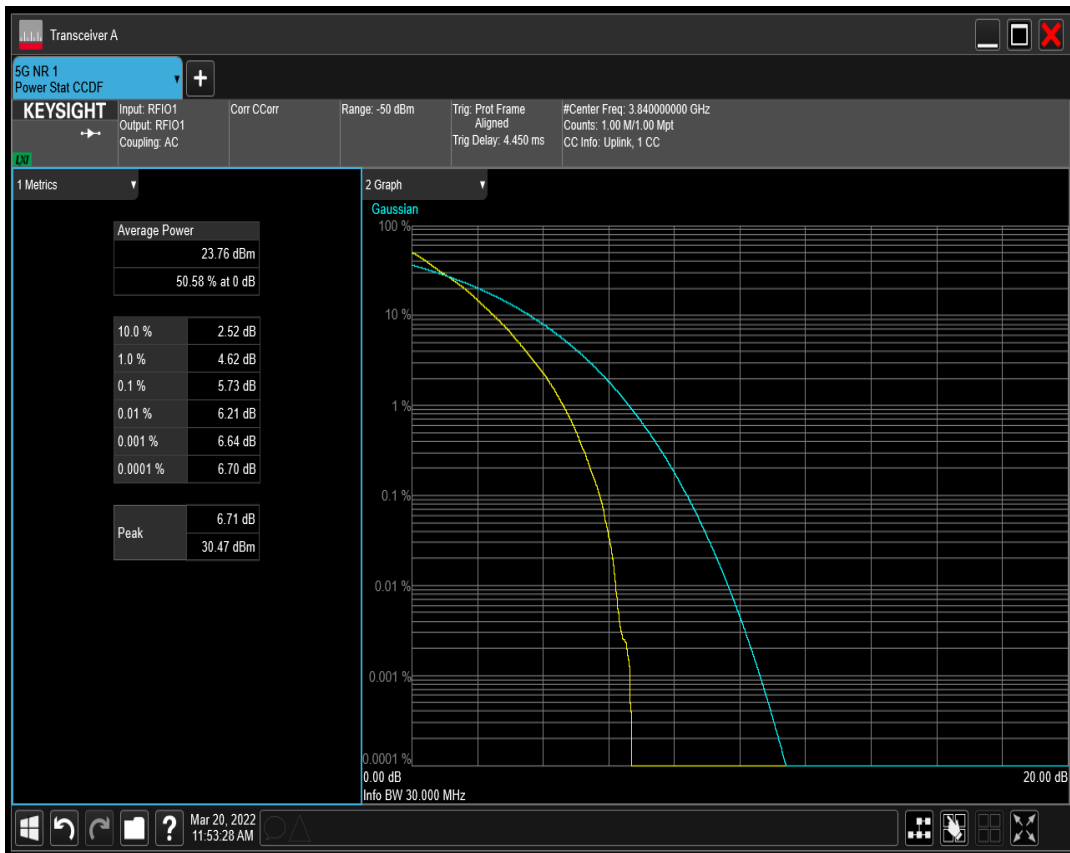
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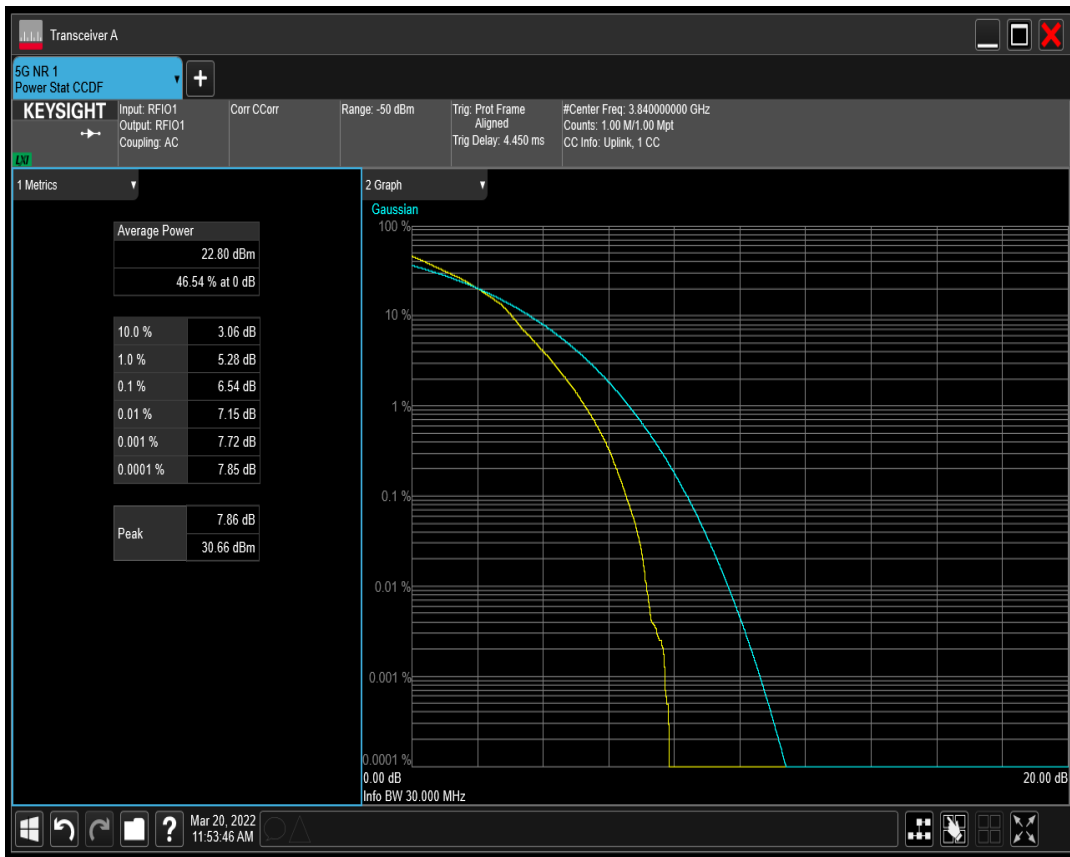
n77(3700-3980) SCS=30kHz DFT_BPSK BW=30MHz Channel=656000 RB=75@0



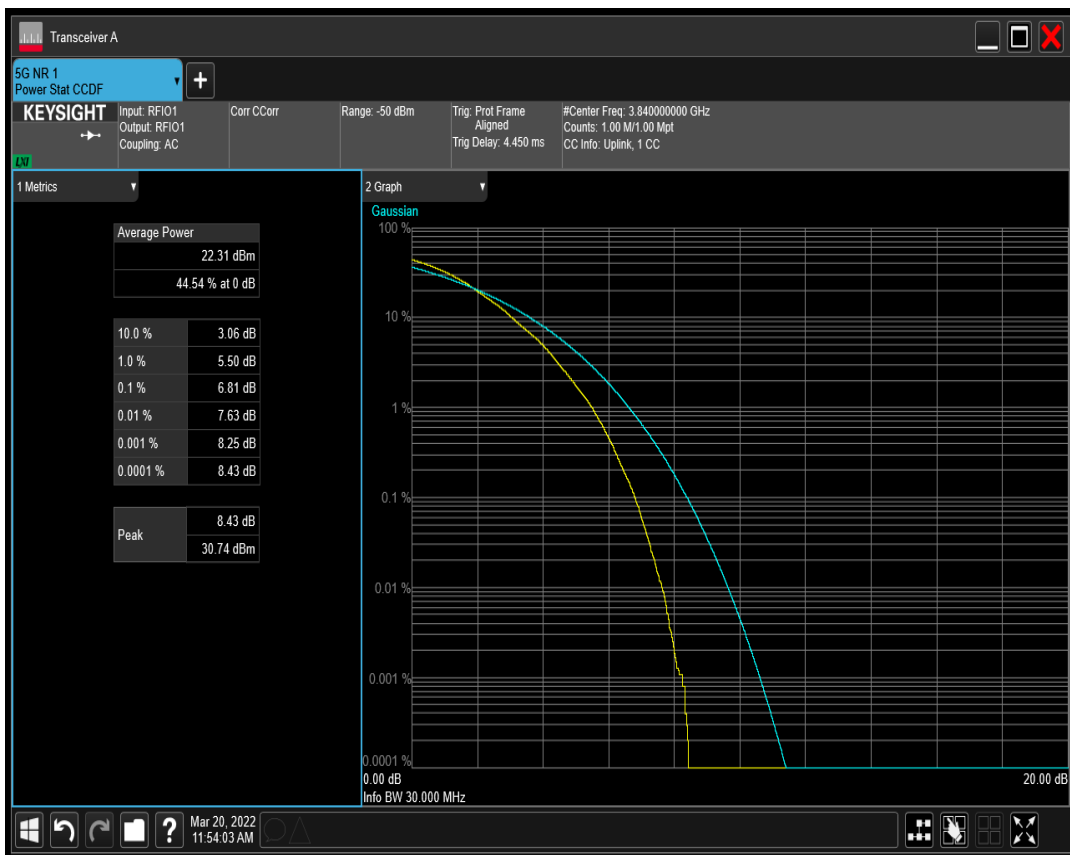
n77(3700-3980) SCS=30kHz DFT_QPSK BW=30MHz Channel=656000 RB=75@0



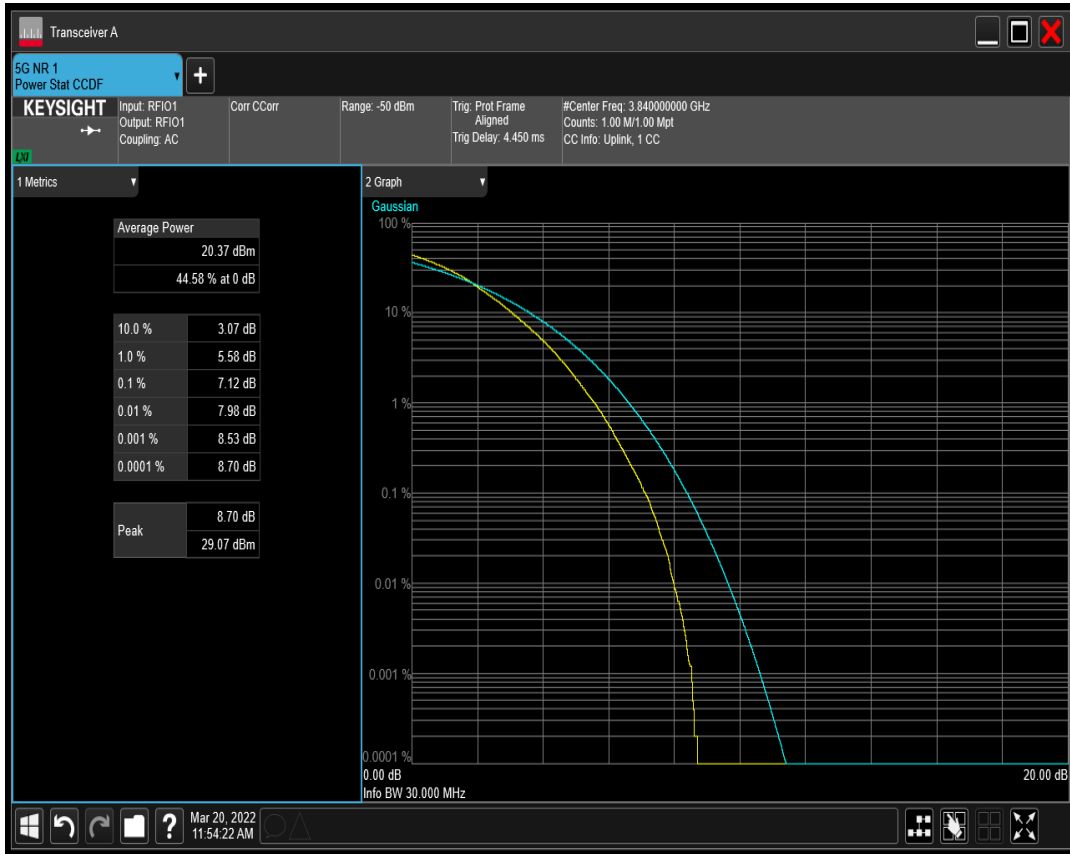
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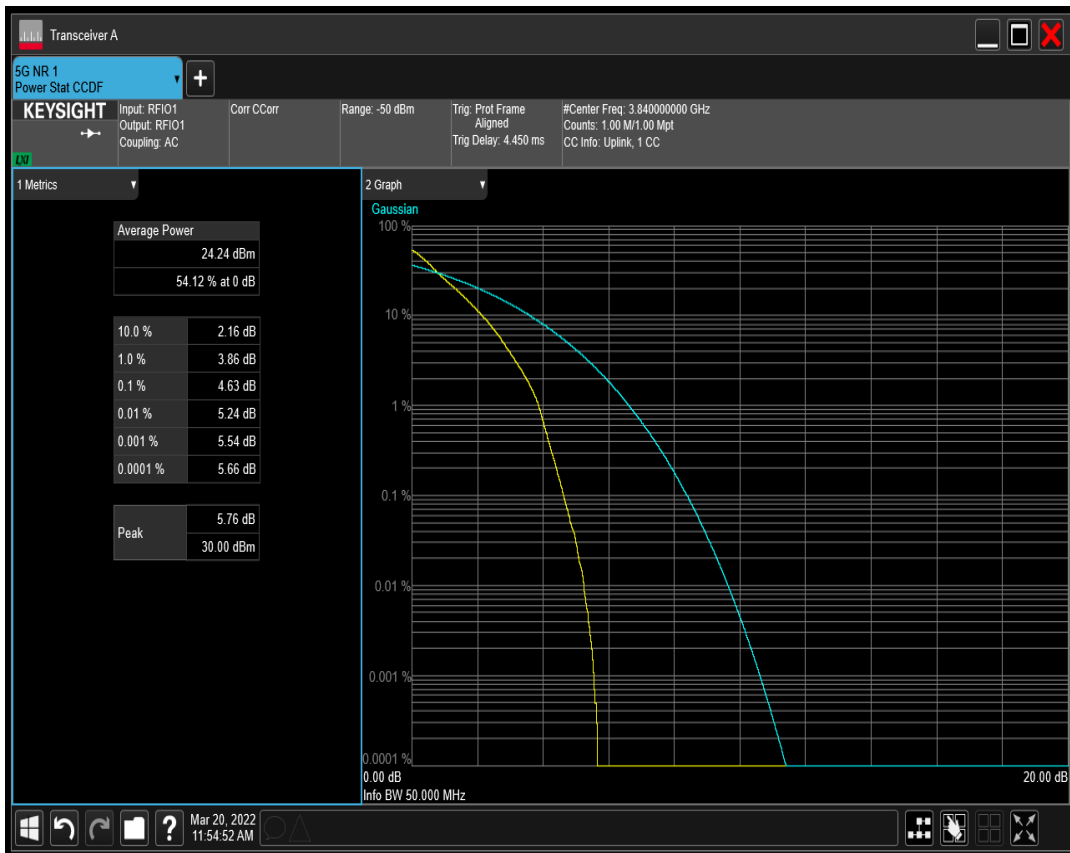
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=30MHz Channel=656000 RB=75@0



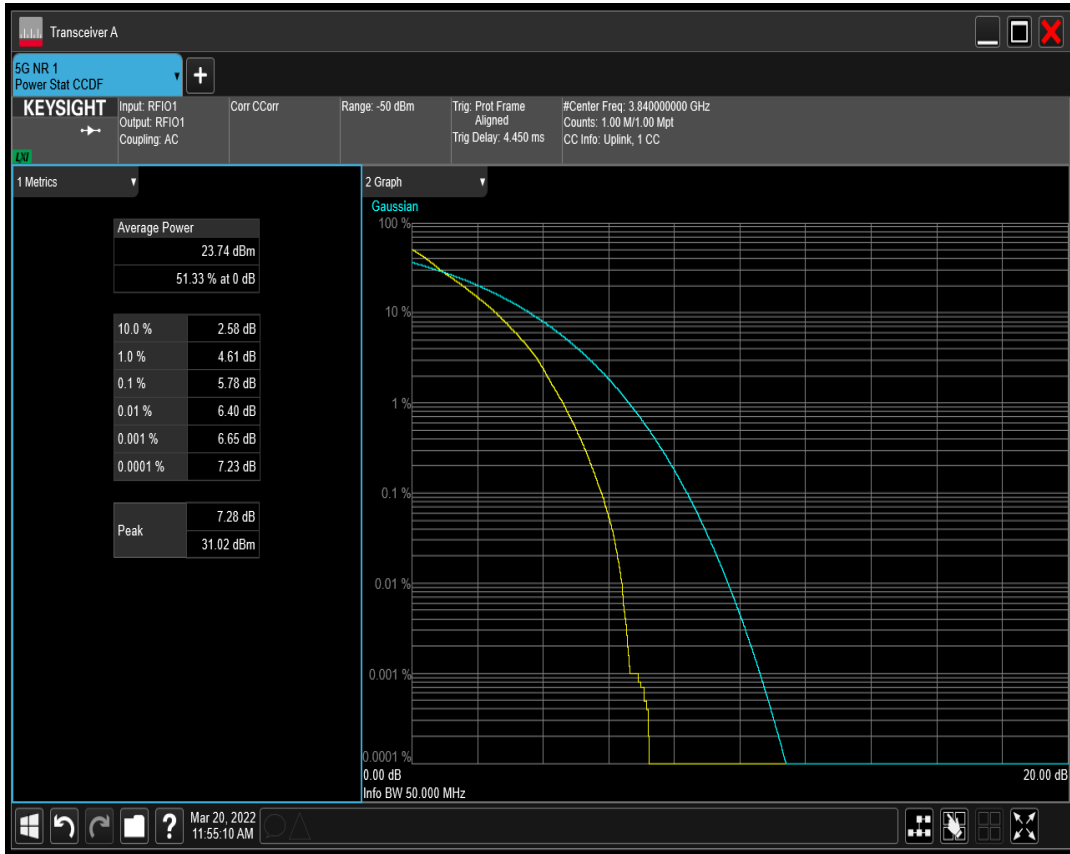
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=30MHz Channel=656000 RB=75@0



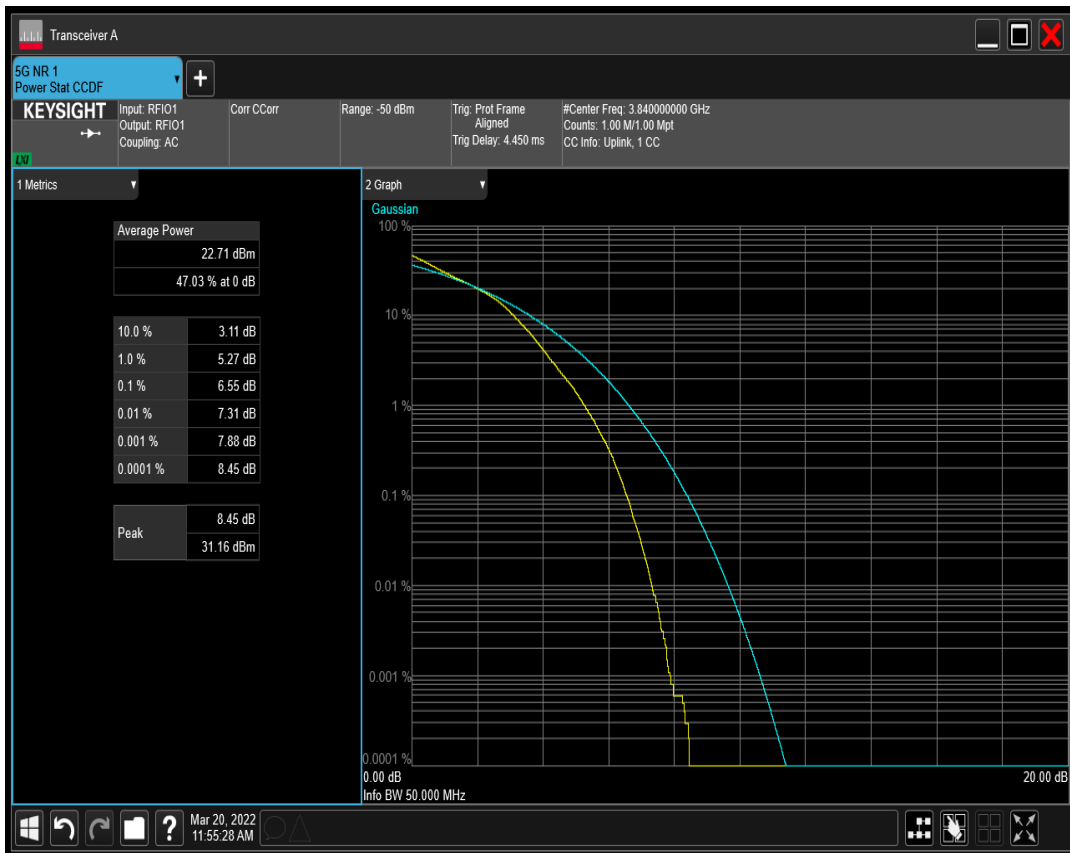
n77(3700-3980) SCS=30kHz DFT_BPSK BW=40MHz Channel=656000 RB=100@0



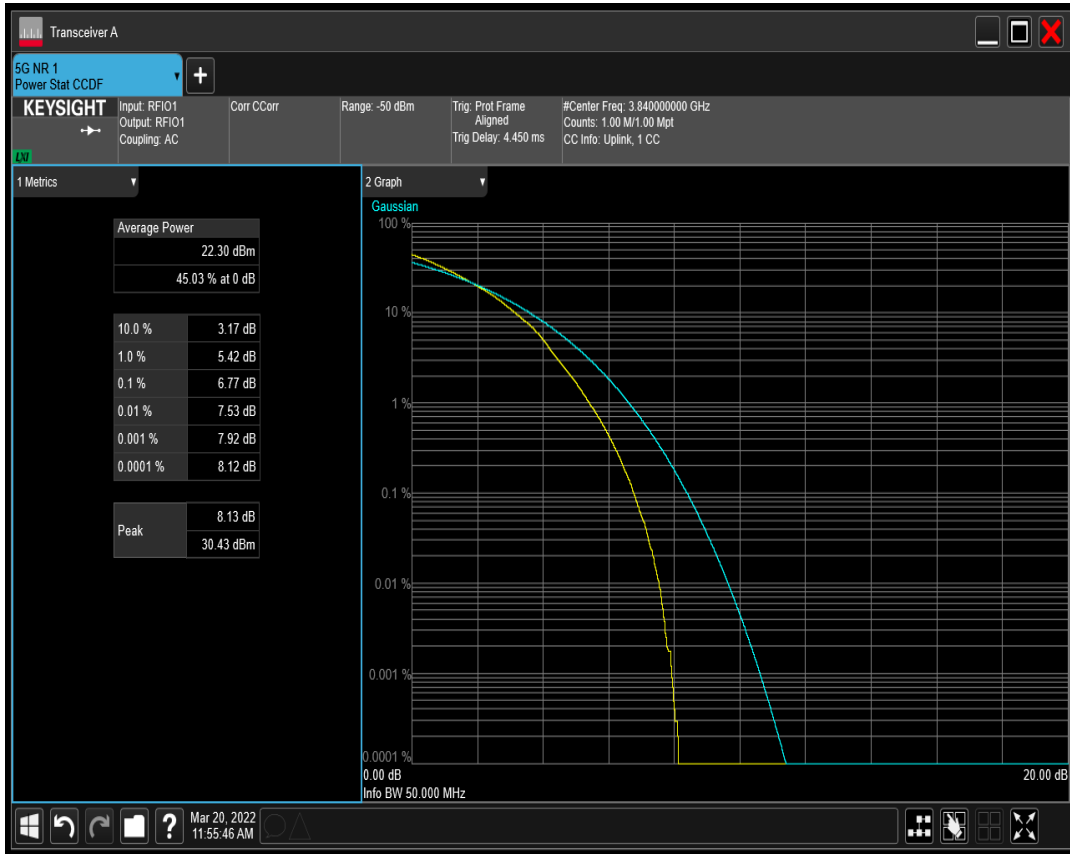
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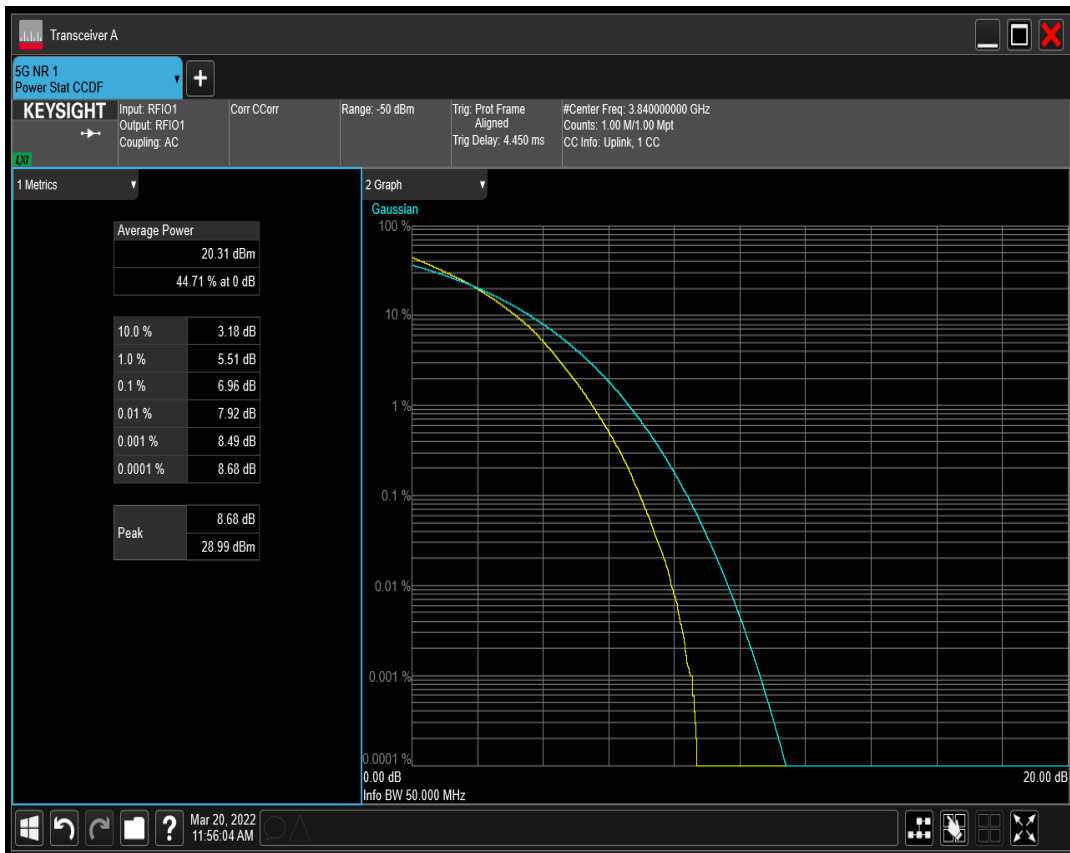
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=40MHz Channel=656000 RB=100@0



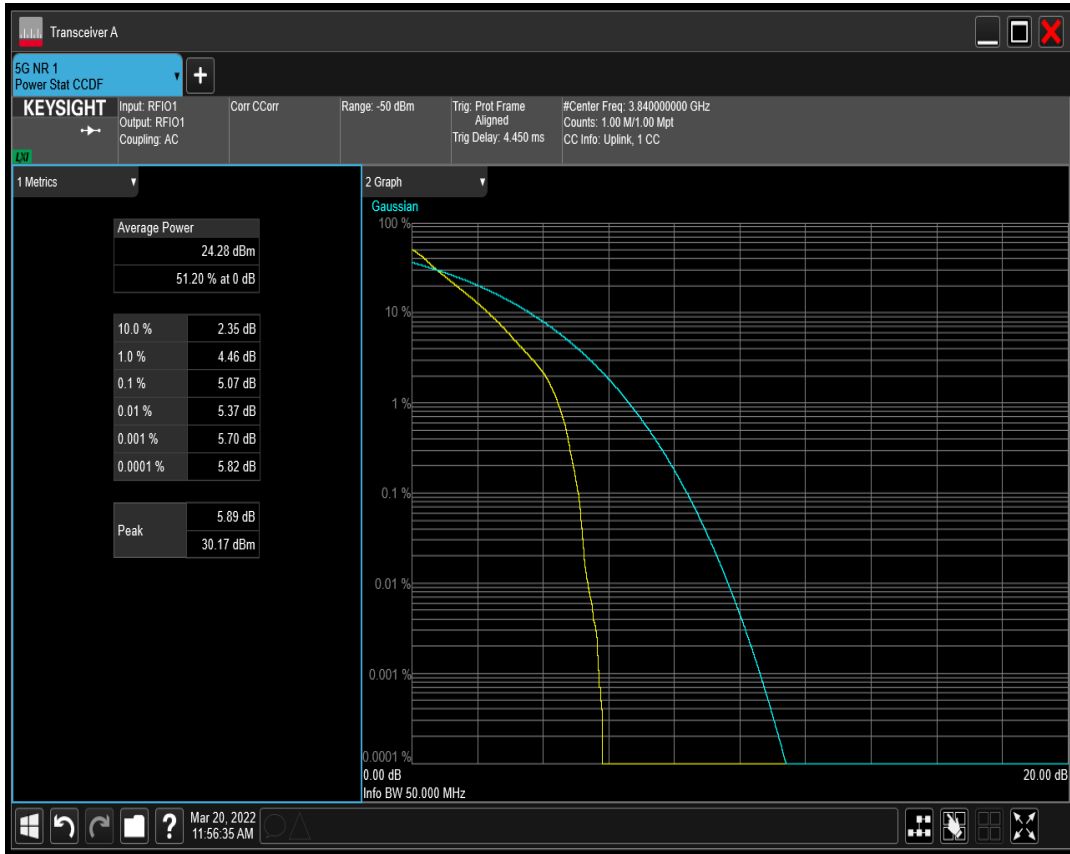
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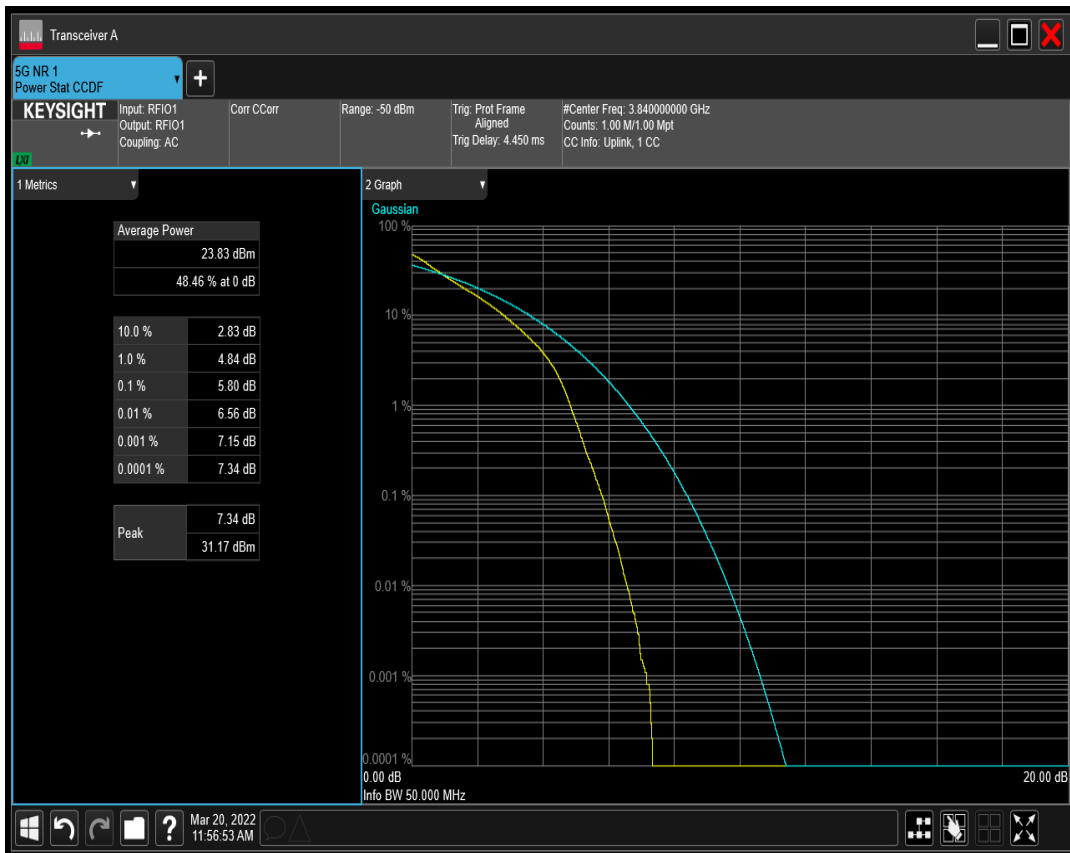
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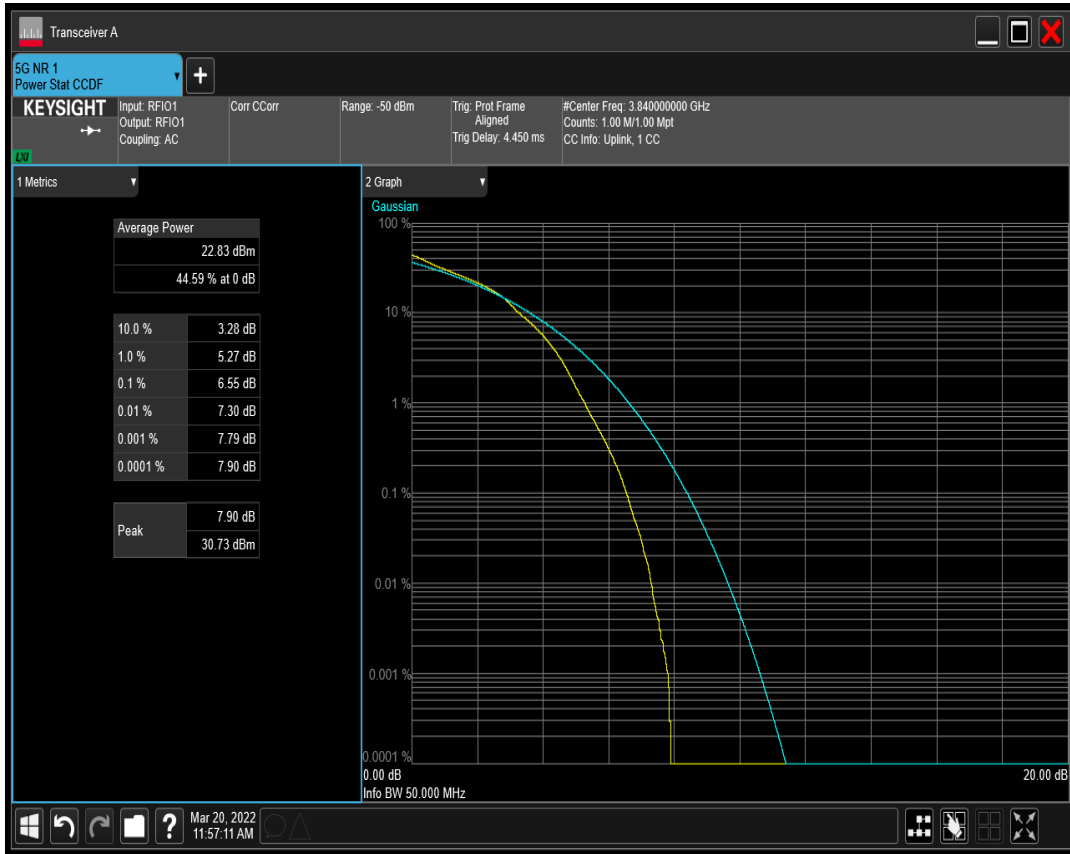
n77(3700-3980) SCS=30kHz DFT_BPSK BW=50MHz Channel=656000 RB=128@0



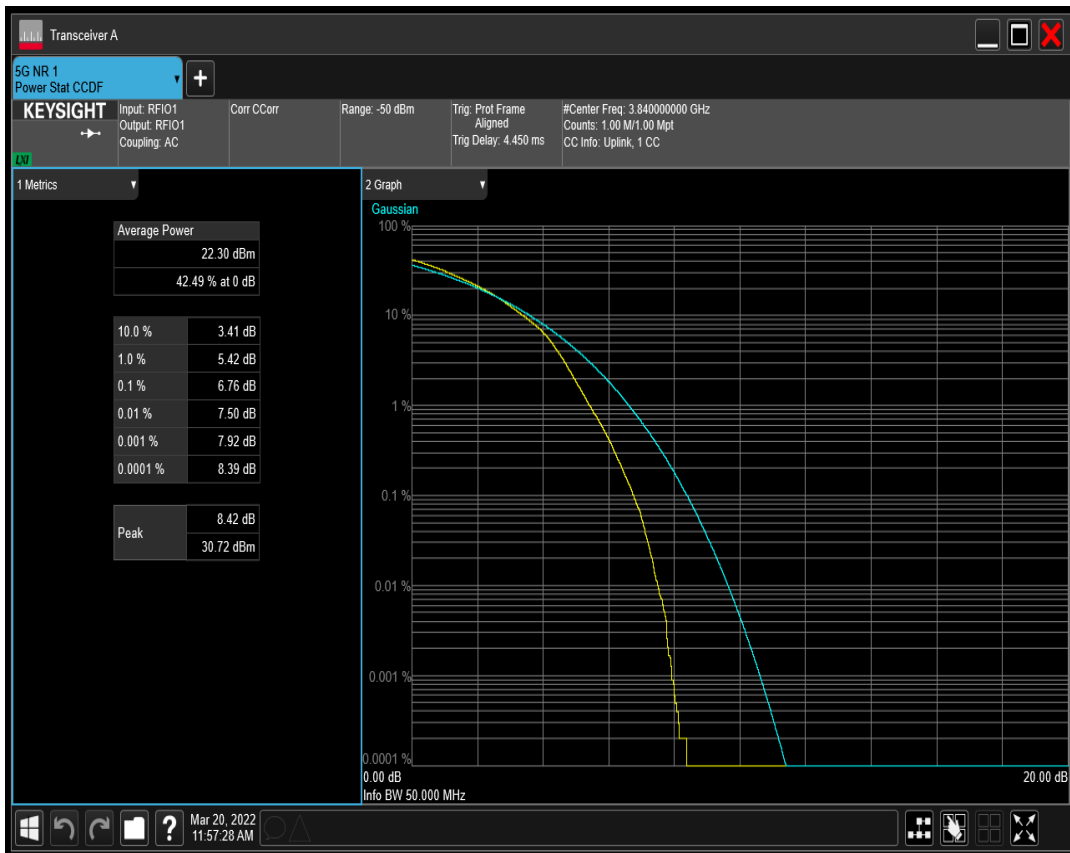
n77(3700-3980) SCS=30kHz DFT_QPSK BW=50MHz Channel=656000 RB=128@0



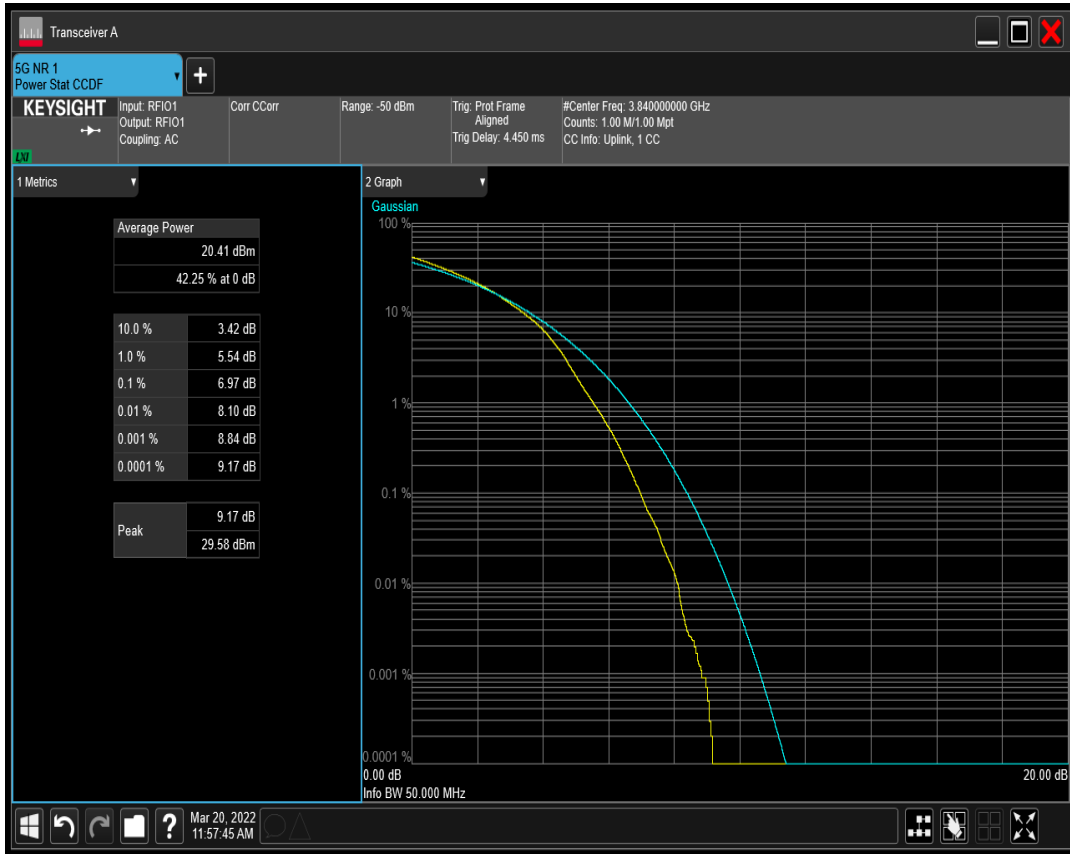
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=50MHz Channel=656000 RB=128@0



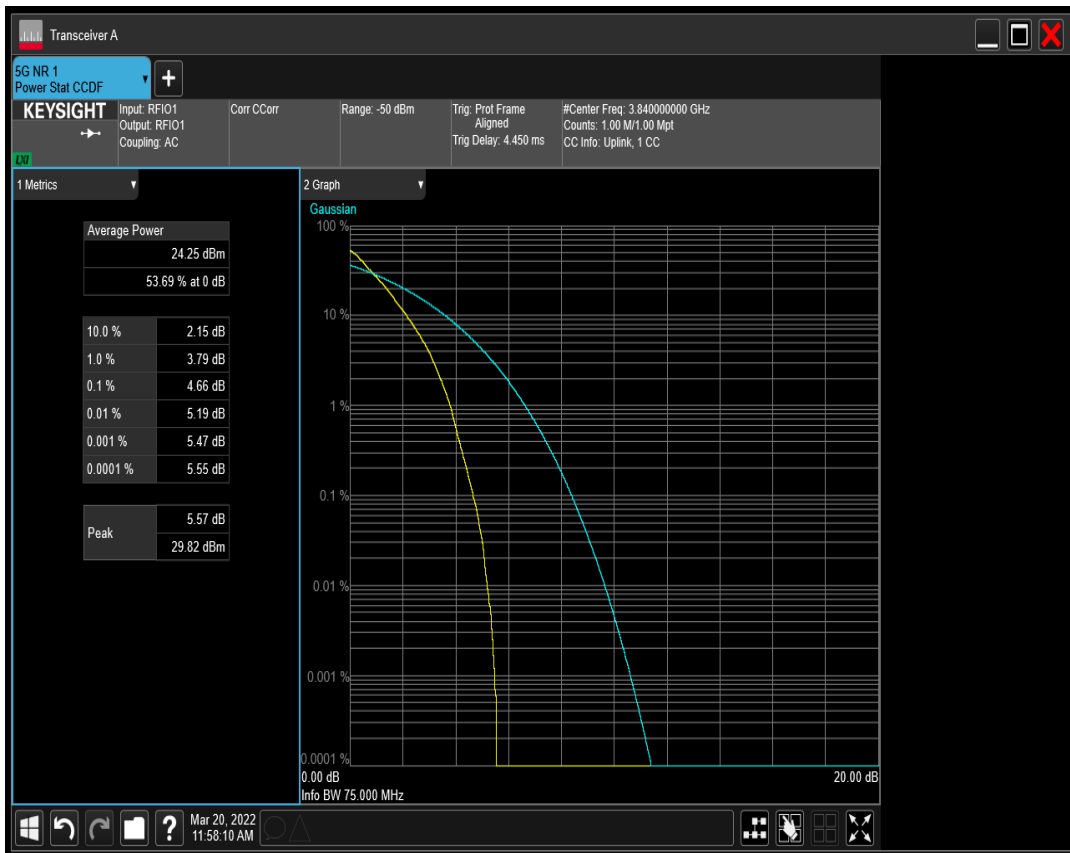
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=50MHz Channel=656000 RB=128@0



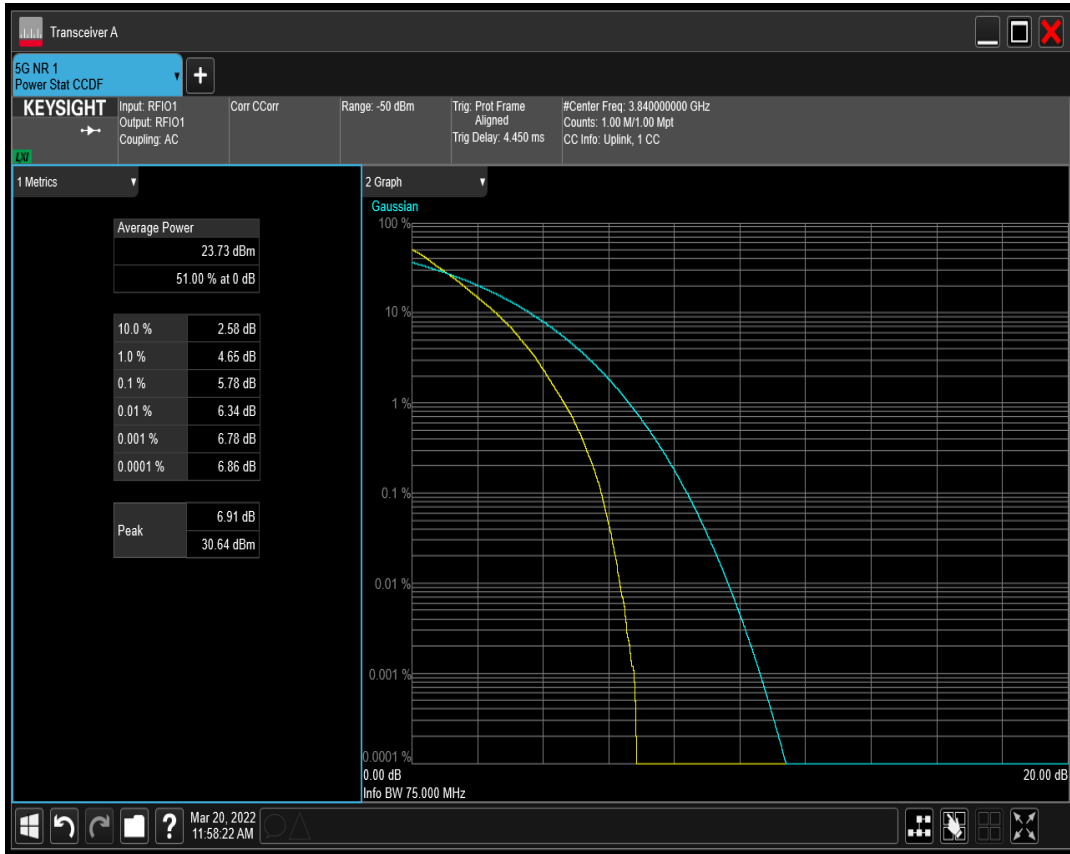
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=50MHz Channel=656000 RB=128@0



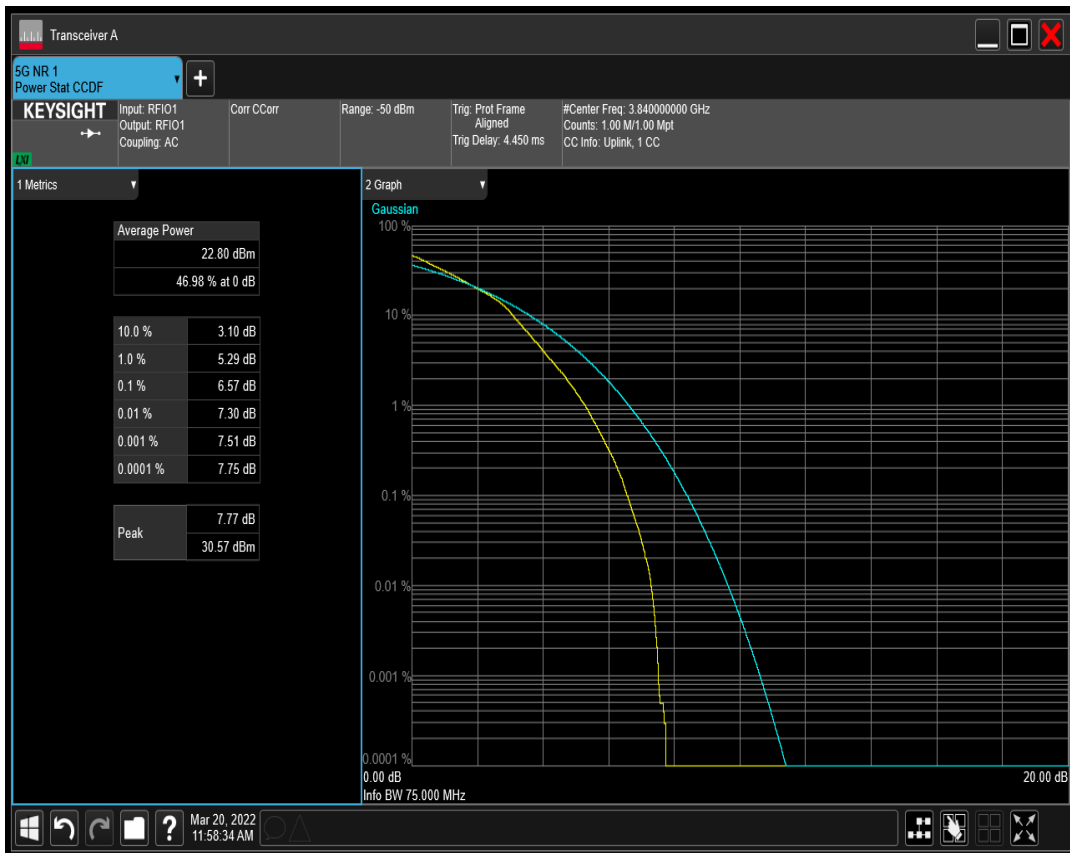
n77(3700-3980) SCS=30kHz DFT_BPSK BW=60MHz Channel=656000 RB=162@0



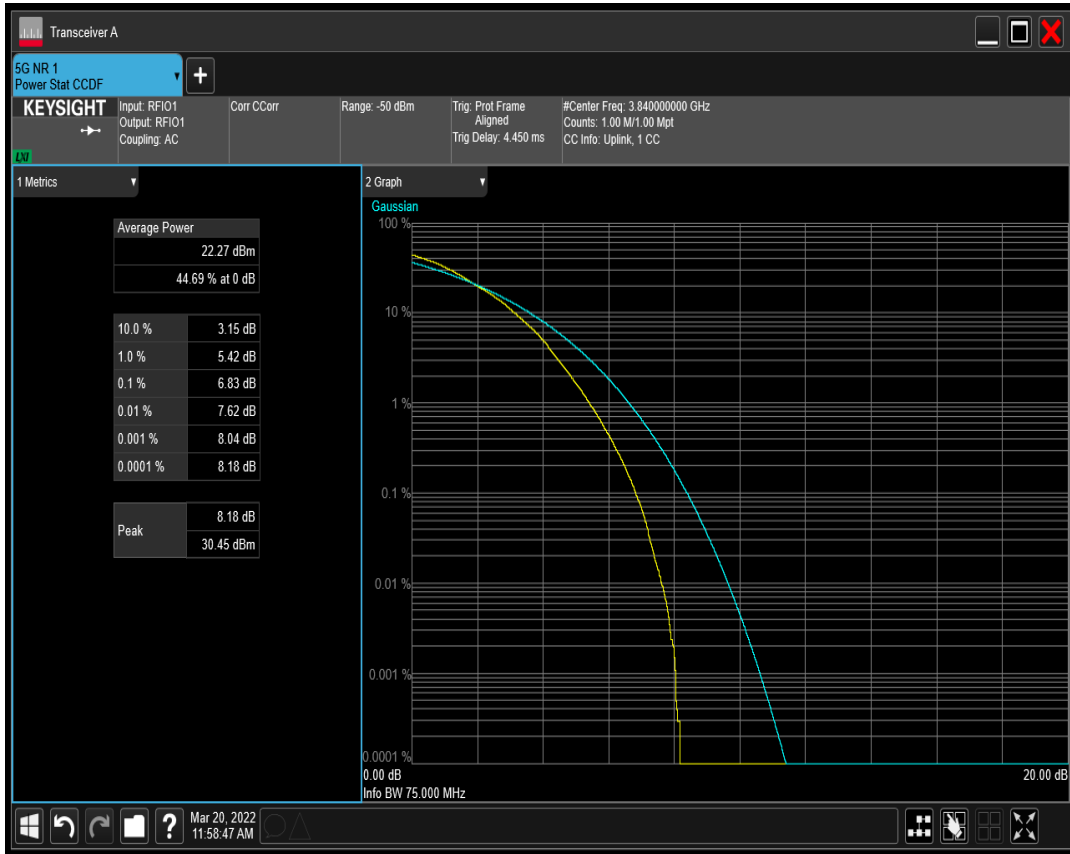
n77(3700-3980) SCS=30kHz DFT_QPSK BW=60MHz Channel=656000 RB=162@0



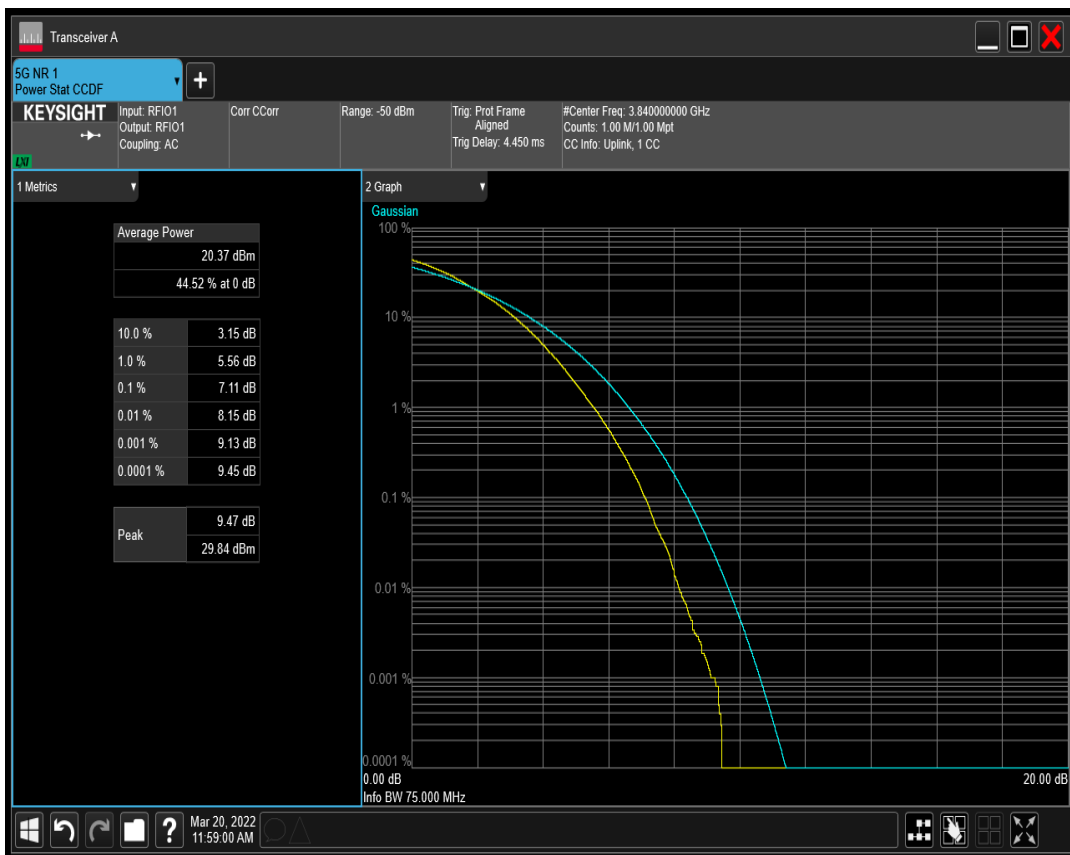
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=60MHz Channel=656000 RB=162@0



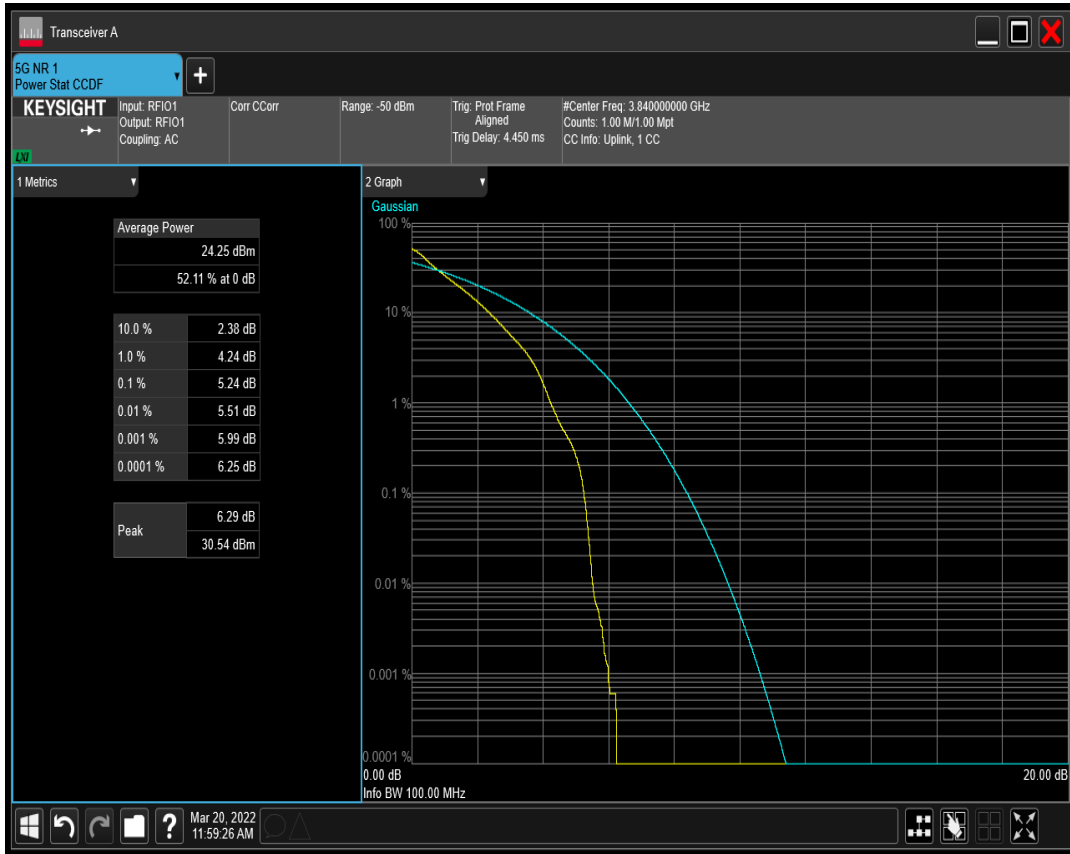
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=60MHz Channel=656000 RB=162@0



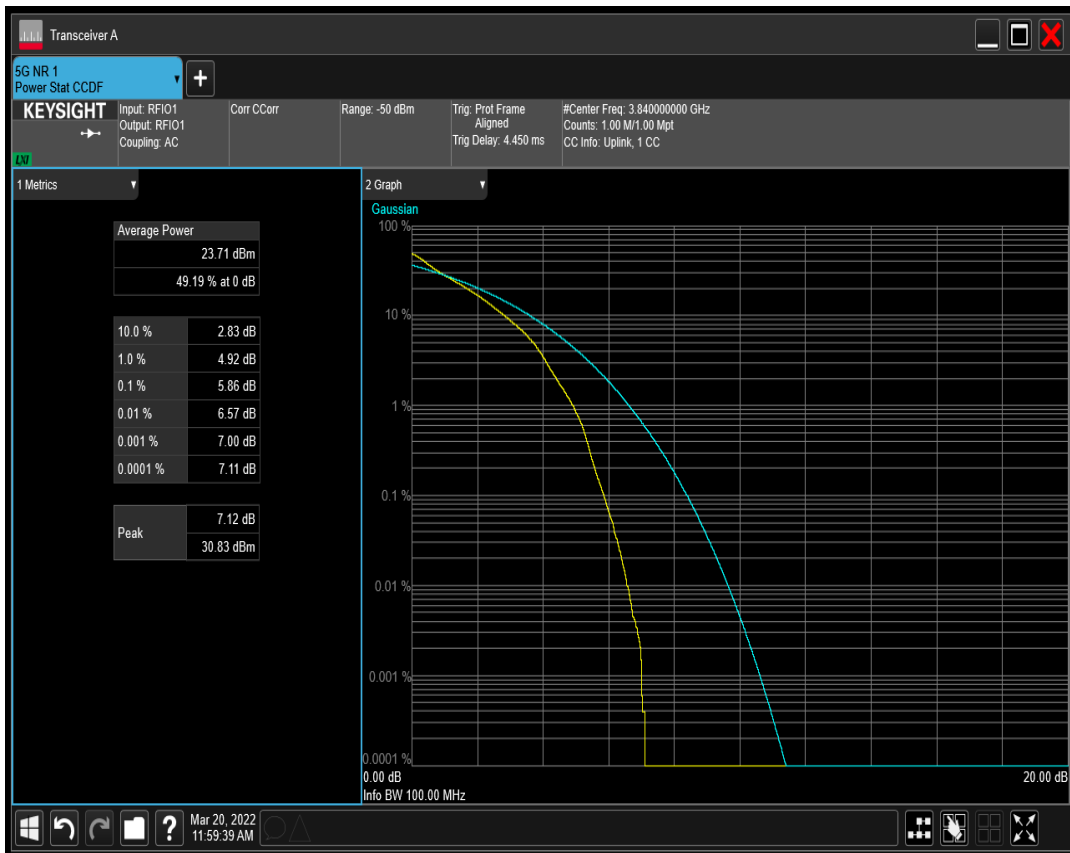
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=60MHz Channel=656000 RB=162@0



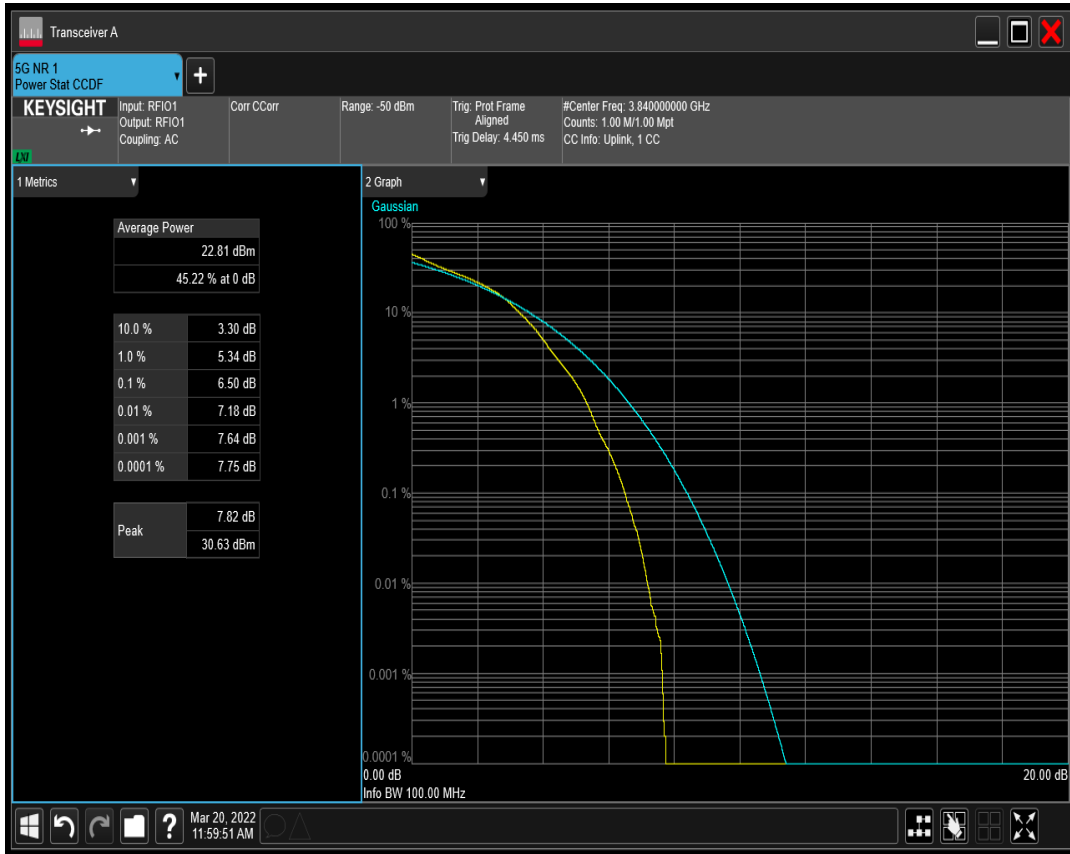
n77(3700-3980) SCS=30kHz DFT_BPSK BW=80MHz Channel=656000 RB=216@0



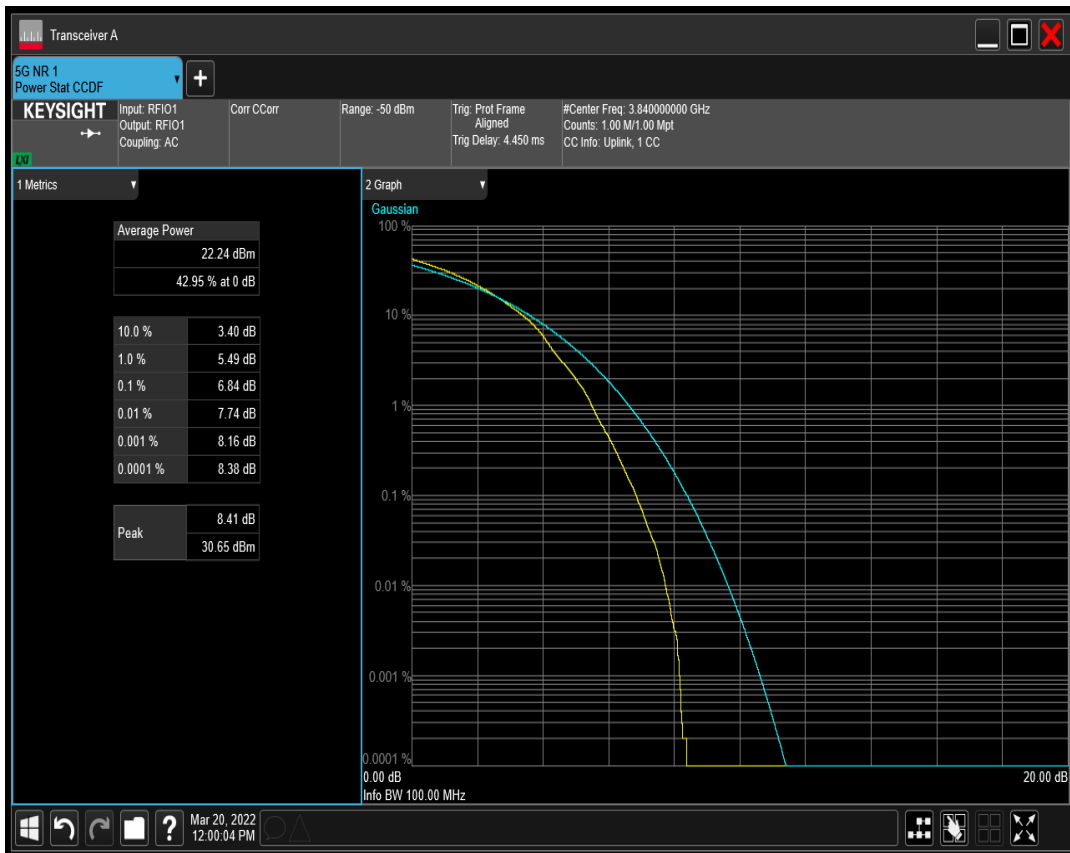
n77(3700-3980) SCS=30kHz DFT_QPSK BW=80MHz Channel=656000 RB=216@0



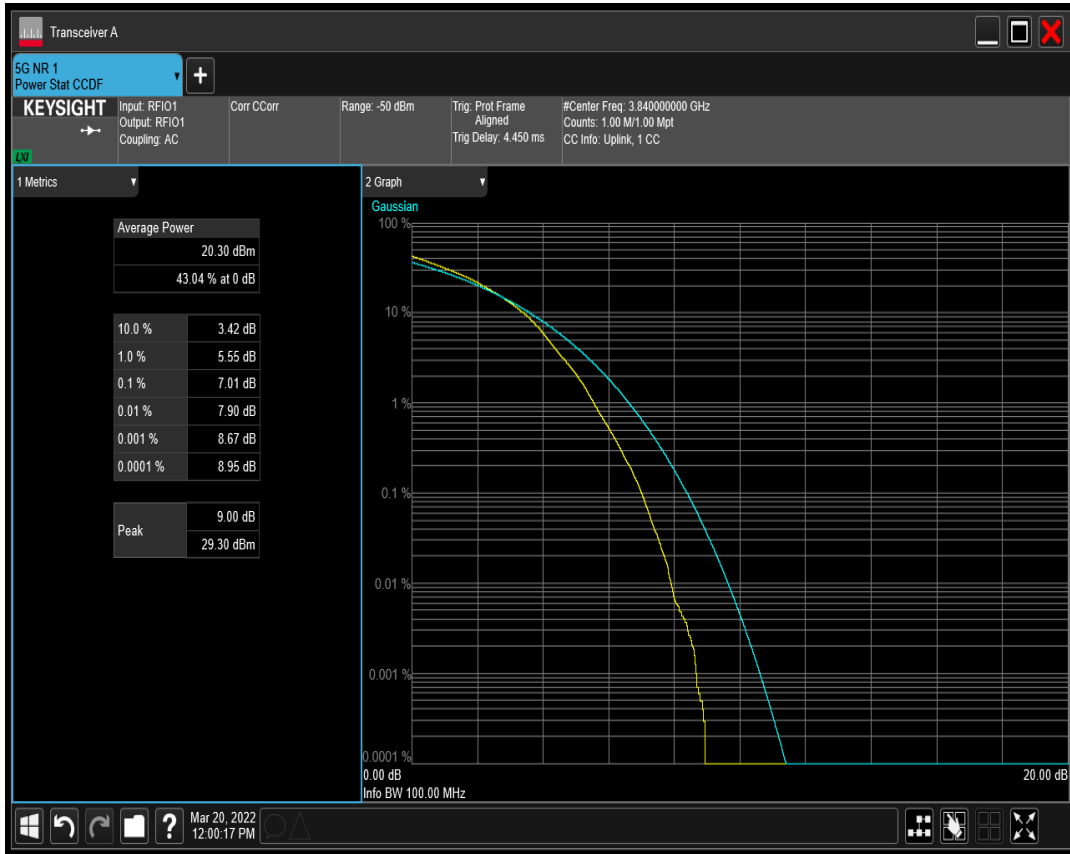
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=80MHz Channel=656000 RB=216@0



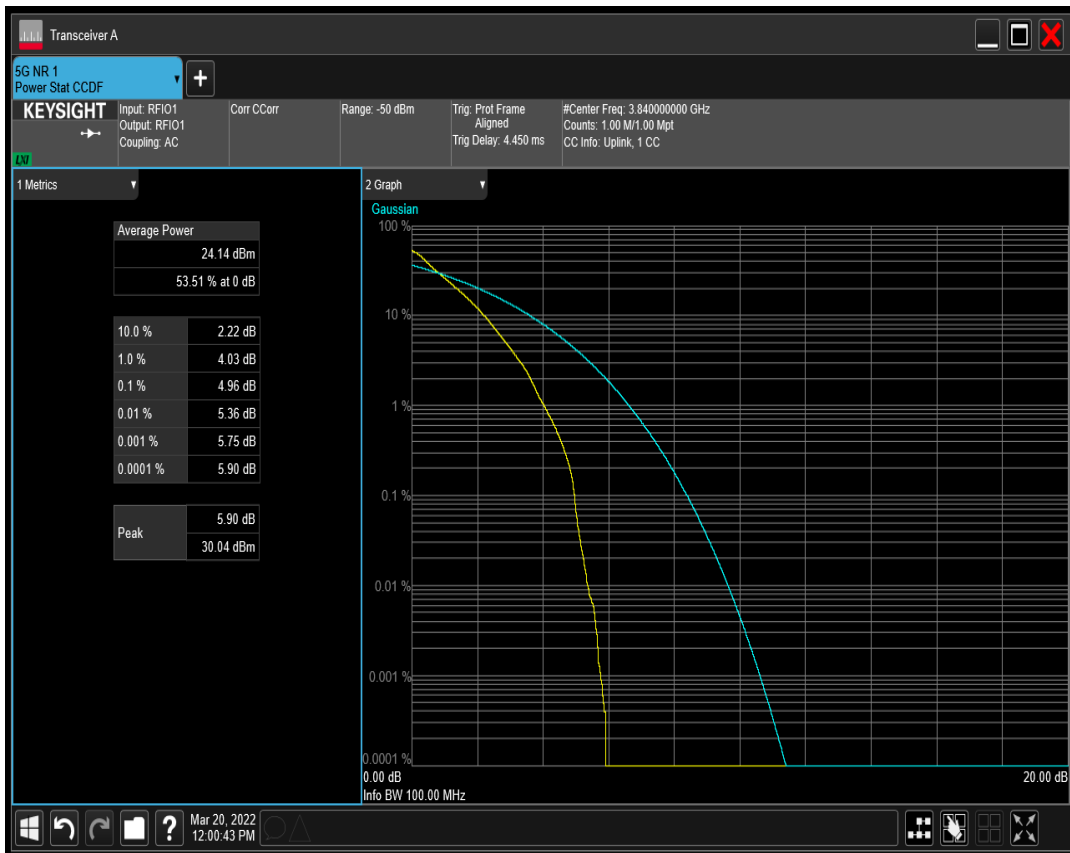
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=80MHz Channel=656000 RB=216@0



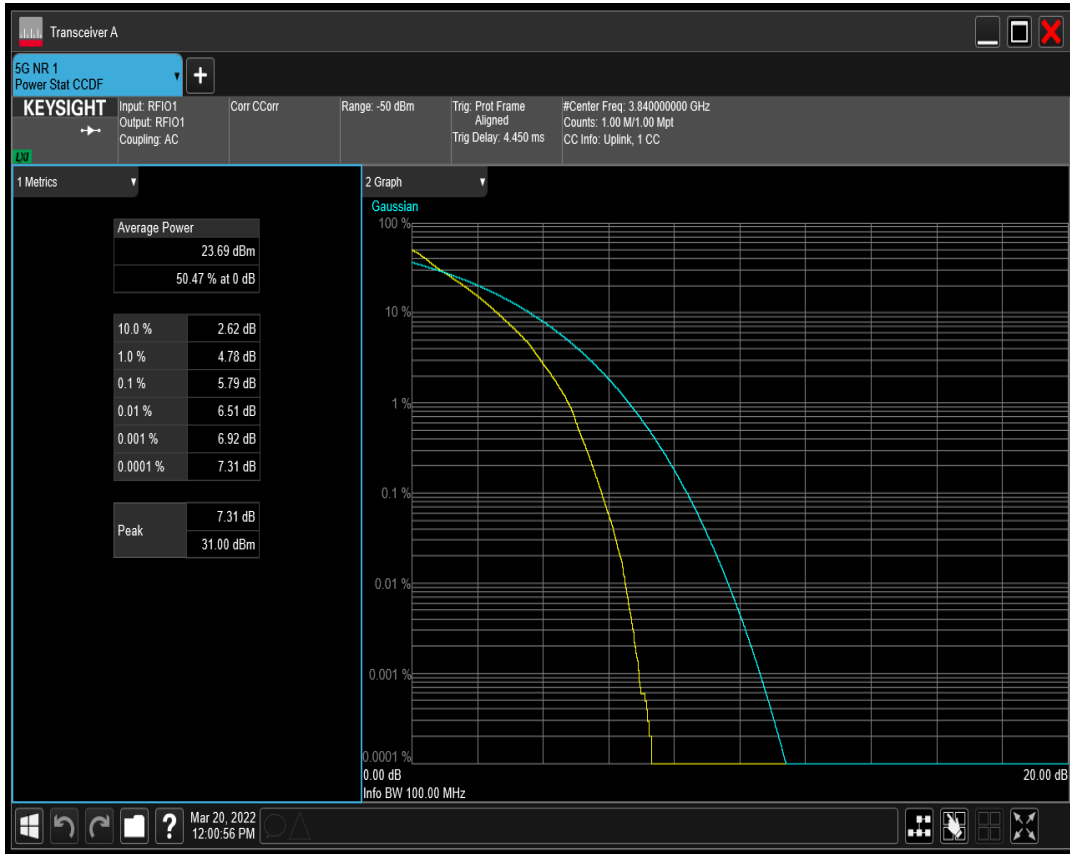
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=80MHz Channel=656000 RB=216@0



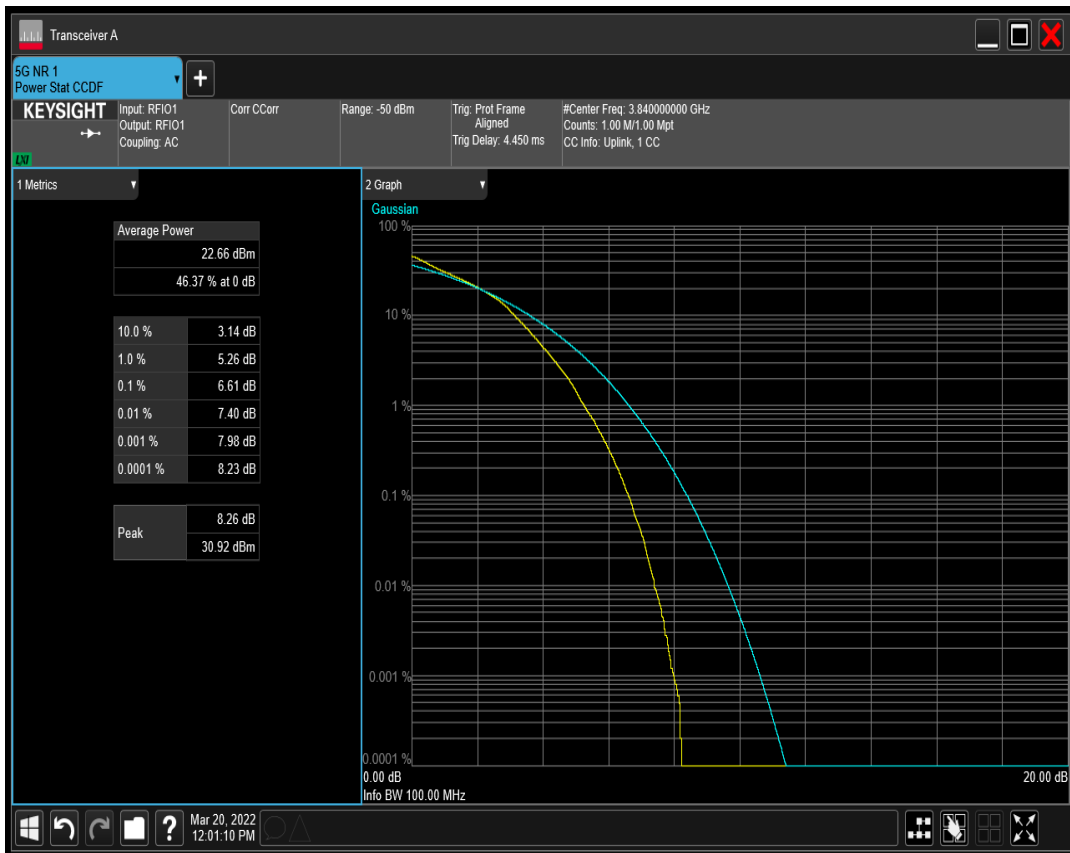
n77(3700-3980) SCS=30kHz DFT_BPSK BW=90MHz Channel=656000 RB=240@0



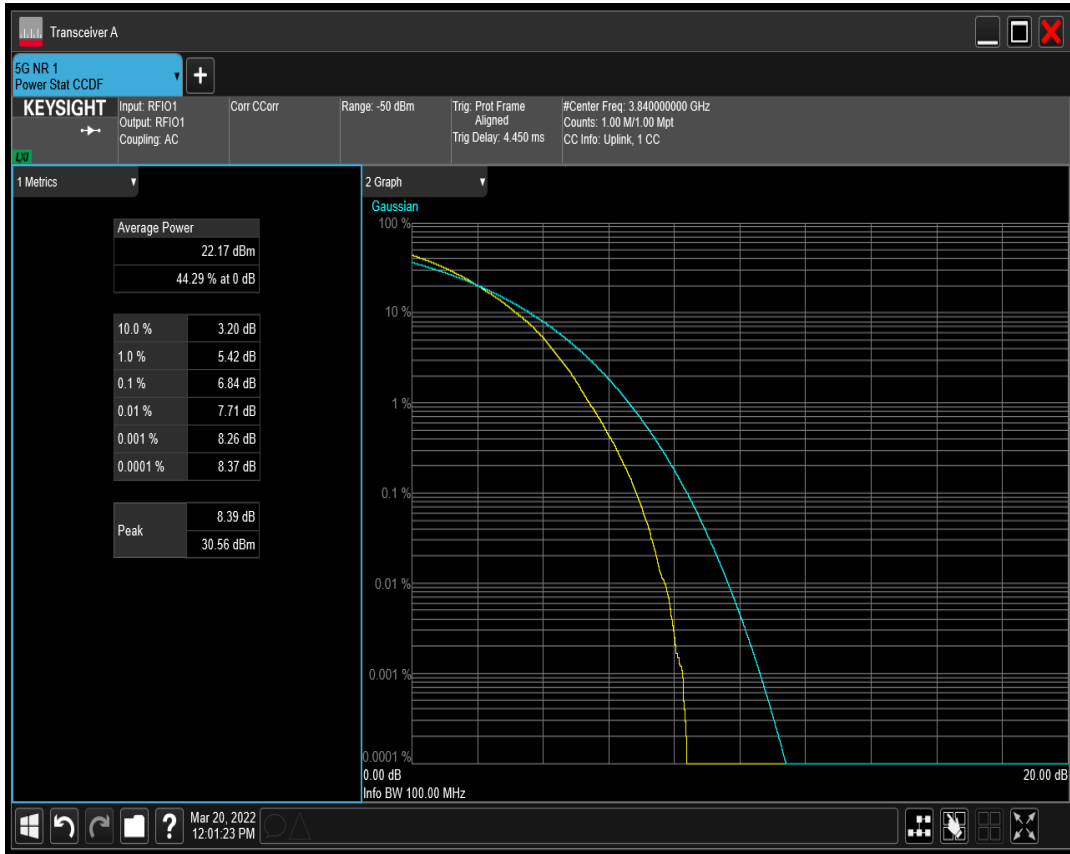
n77(3700-3980) SCS=30kHz DFT_QPSK BW=90MHz Channel=656000 RB=240@0



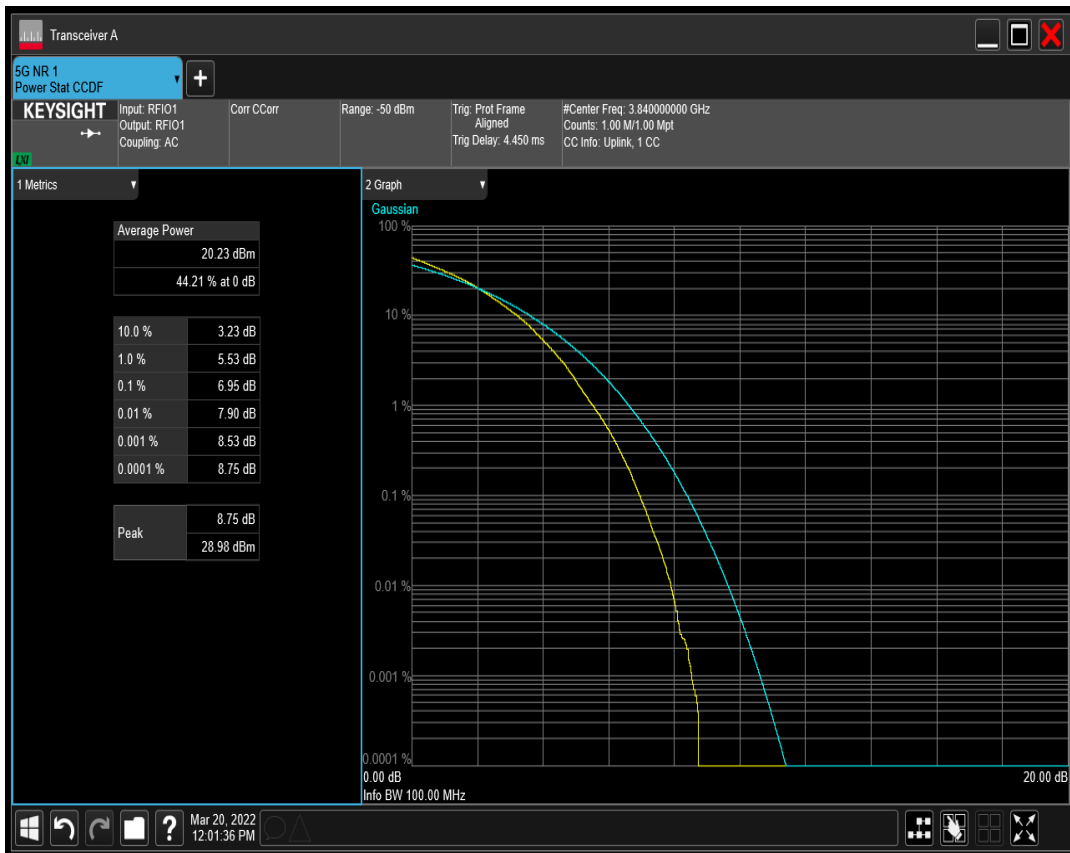
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=90MHz Channel=656000 RB=240@0



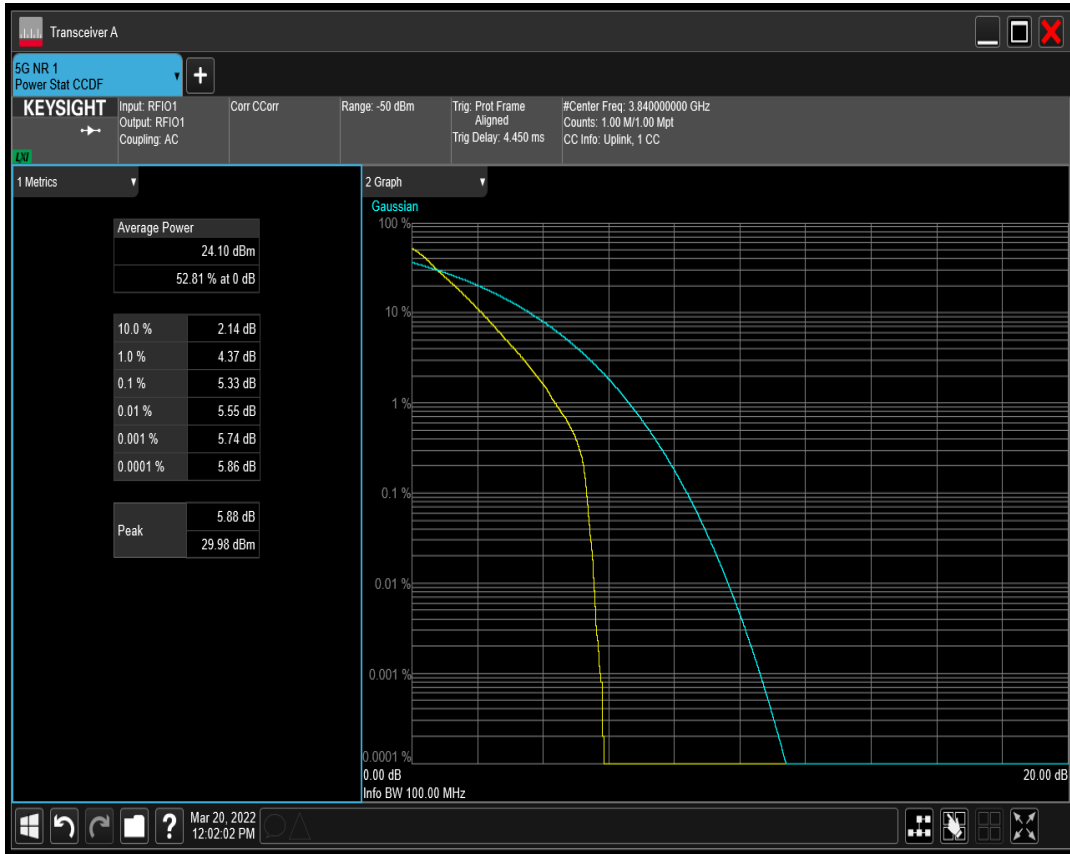
n77(3700-3980) SCS=30kHz DFT_QAM64 BW=90MHz Channel=656000 RB=240@0



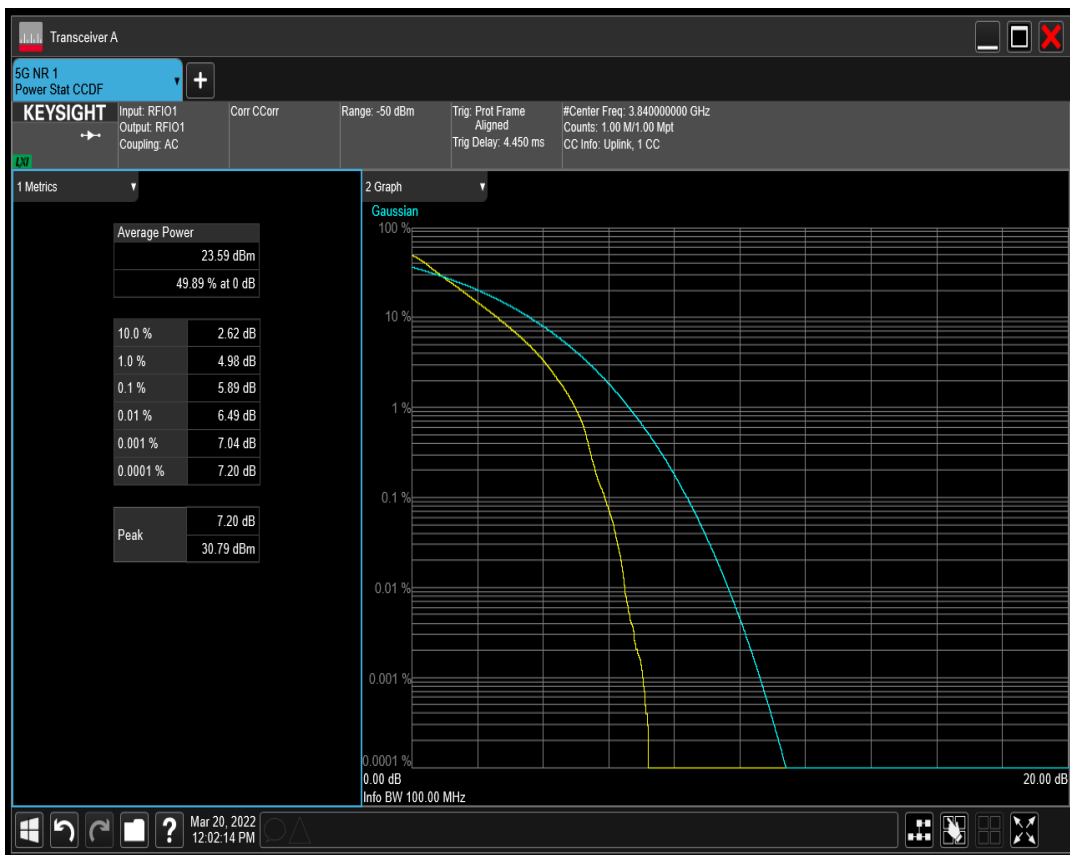
n77(3700-3980) SCS=30kHz DFT_QAM256 BW=90MHz Channel=656000 RB=240@0



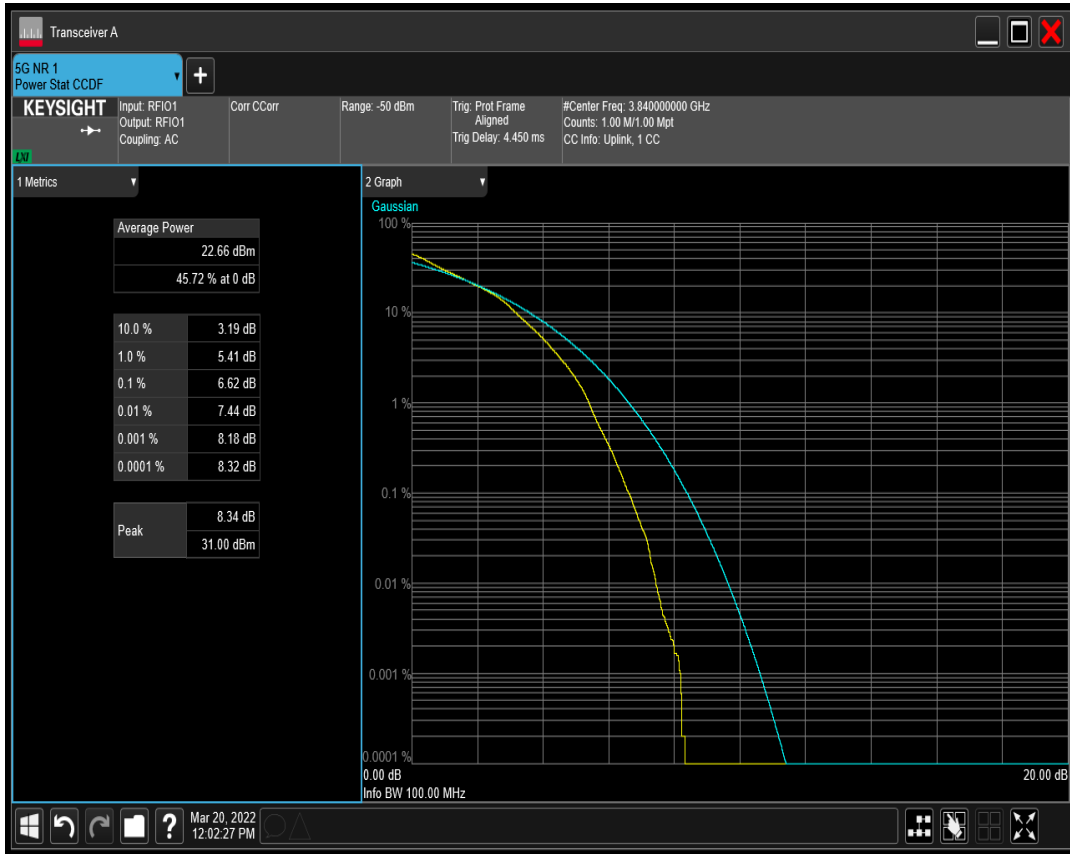
n77(3700-3980) SCS=30kHz DFT_BPSK BW=100MHz Channel=656000 RB=270@0



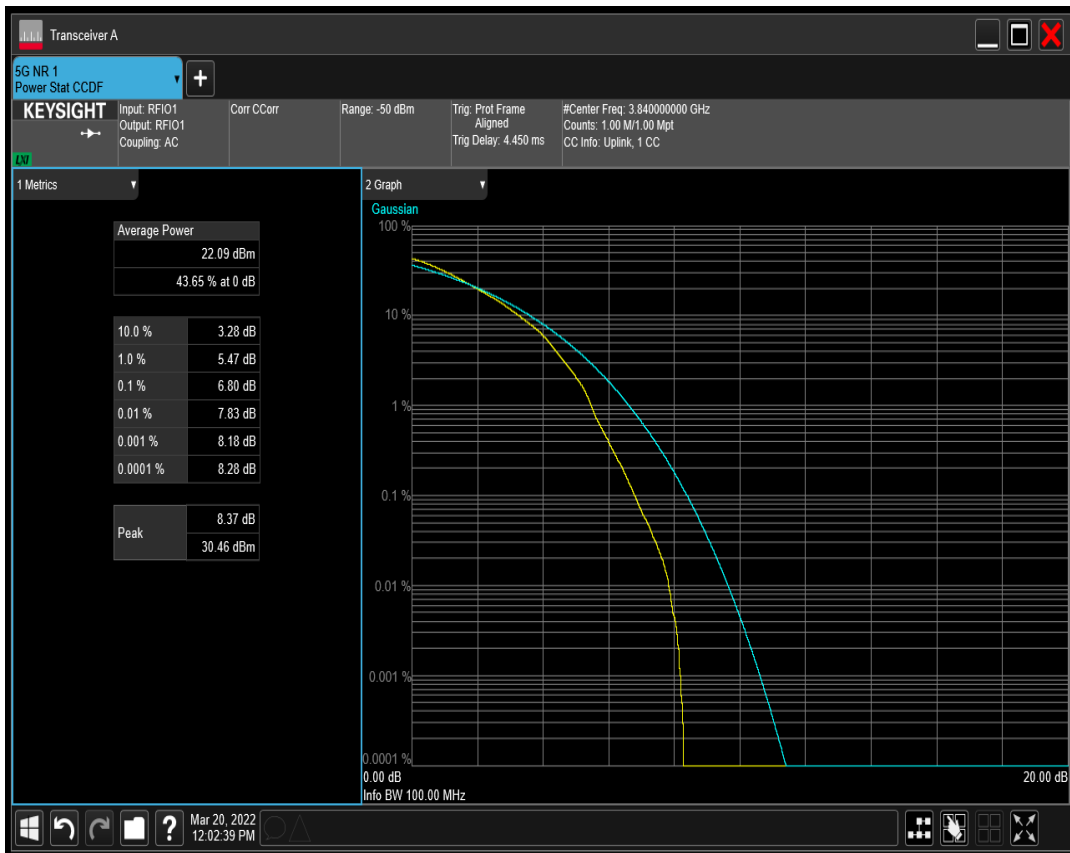
n77(3700-3980) SCS=30kHz DFT_QPSK BW=100MHz Channel=656000 RB=270@0



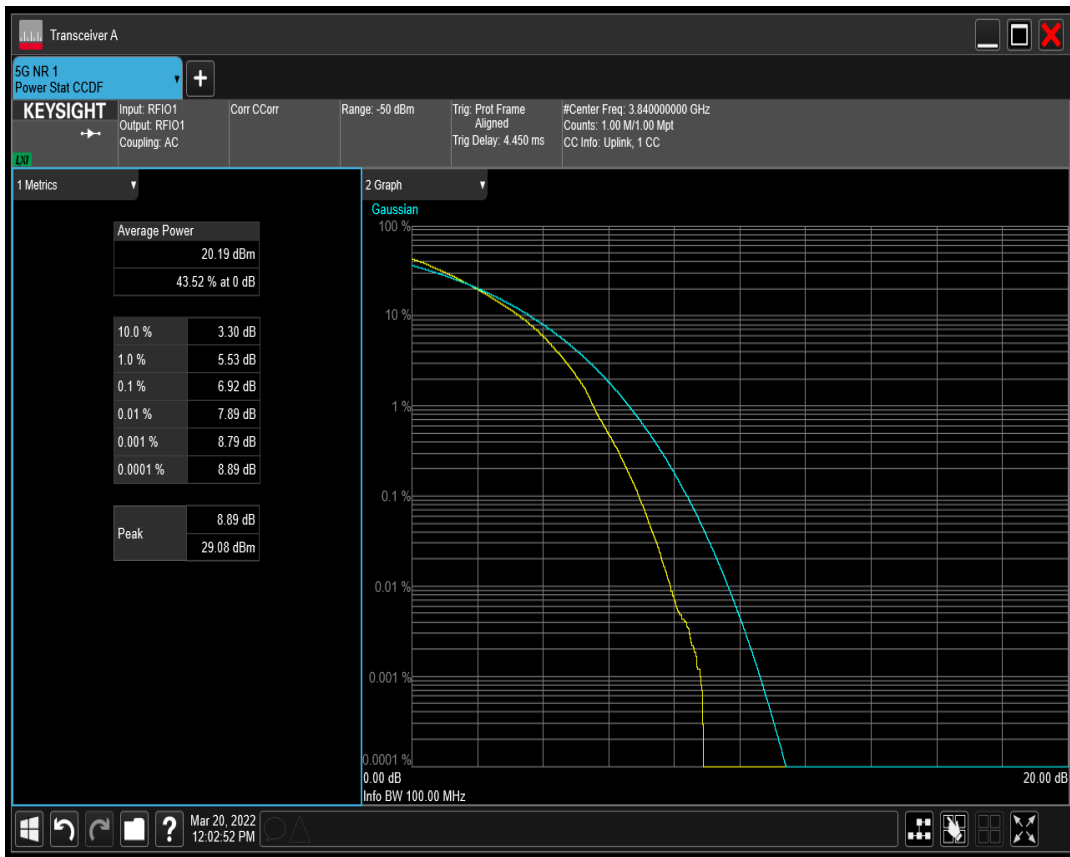
n77(3700-3980) SCS=30kHz DFT_QAM16 BW=100MHz Channel=656000 RB=270@0



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



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



4. Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3700-3980)	30	10	647000	24@0	DFT_BPSK	8.620	9.190	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	9.210	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM64	8.640	9.160	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM256	8.620	9.180	PASS
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	8.620	9.180	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	8.640	9.240	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	8.640	9.200	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	8.650	9.230	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	8.620	9.190	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	8.620	9.250	PASS
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	8.620	9.270	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	8.620	9.230	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	8.650	9.250	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM16	8.650	9.240	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM64	8.650	9.190	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM256	8.620	9.210	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	8.620	9.170	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	13.510	13.740	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	13.460	13.730	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM16	13.470	13.740	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM64	13.520	13.730	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM256	13.460	13.740	PASS
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	13.640	14.420	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	13.560	13.740	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	13.460	13.730	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	13.500	13.730	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	13.470	13.740	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	13.510	13.700	PASS
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	13.640	14.420	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	13.520	13.730	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	13.520	13.730	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM16	13.570	13.760	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM64	13.510	13.770	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM256	13.500	13.720	PASS
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	13.640	14.450	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	18.100	18.920	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	18.090	18.940	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM16	18.090	18.940	PASS

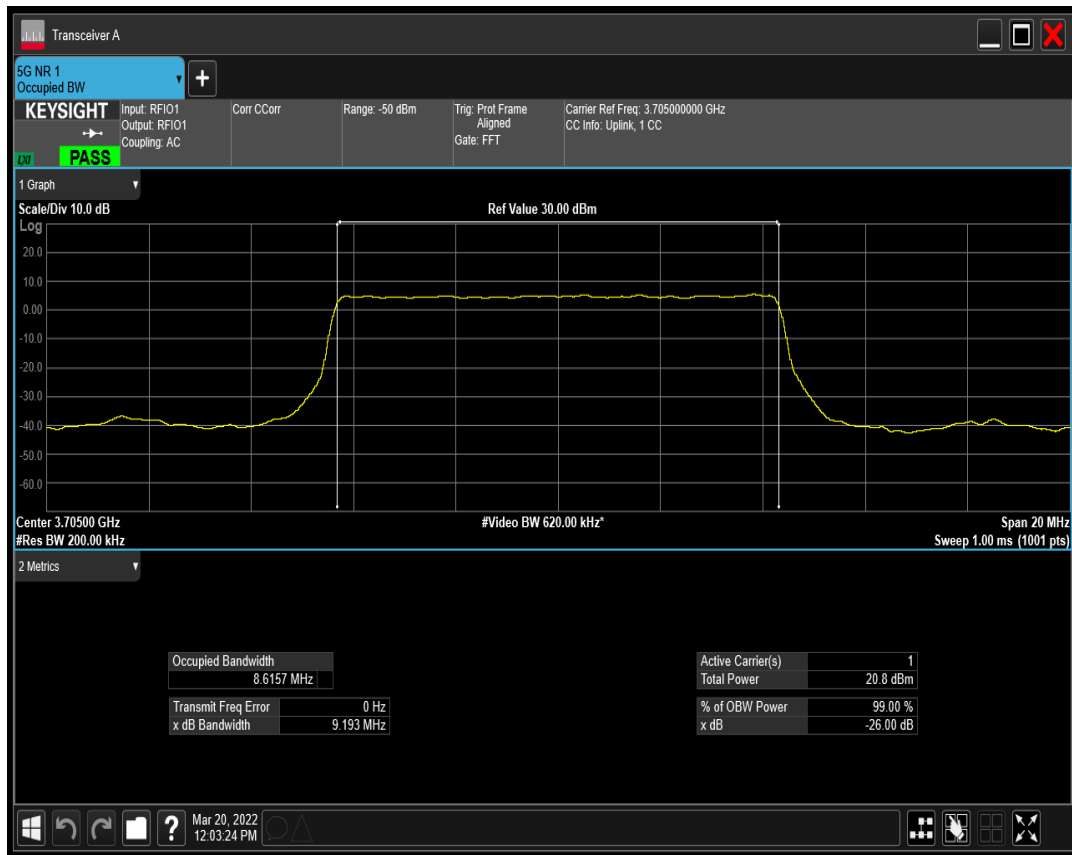
n77(3700-3980)	30	20	647334	50@0	DFT_QAM64	18.100	18.940	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM256	18.020	18.910	PASS
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	18.270	19.300	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	18.080	18.920	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	18.090	18.920	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	18.100	18.940	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	18.110	18.910	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	18.030	18.920	PASS
n77(3700-3980)	30	20	656000	51@0	CP_QPSK	18.270	19.300	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_BPSK	18.080	18.940	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	18.120	18.950	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM16	18.110	18.960	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM64	18.110	18.940	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM256	18.040	18.930	PASS
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	18.280	19.310	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_BPSK	27.610	28.450	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QPSK	27.640	28.460	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM16	27.620	28.440	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM64	27.640	28.460	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM256	27.540	28.400	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	28.450	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	27.650	28.480	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM16	27.640	28.450	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM64	27.650	28.460	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM256	27.640	28.470	PASS
n77(3700-3980)	30	30	656000	78@0	CP_QPSK	27.980	29.540	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_BPSK	27.650	28.470	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QPSK	27.640	28.500	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM16	27.630	28.460	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	27.640	28.470	PASS
n77(3700-3980)	30	30	664332	78@0	CP_QPSK	27.980	29.560	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_BPSK	37.630	37.880	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	37.620	37.880	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM16	37.510	37.860	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM64	37.620	37.890	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM256	37.480	37.860	PASS
n77(3700-3980)	30	40	648000	106@0	CP_QPSK	37.980	40.030	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	37.640	37.880	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	37.640	37.880	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	37.610	37.870	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	37.640	37.890	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	37.490	37.890	PASS

n77(3700-3980)	30	40	656000	106@0	CP_QPSK	37.980	40.050	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	37.640	37.910	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	37.610	37.870	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM16	37.520	37.870	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	37.500	37.880	PASS
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	37.980	40.070	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	47.040	48.380	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	47.050	48.340	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM16	47.060	48.360	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM64	47.030	48.370	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM256	47.040	48.380	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	47.640	50.190	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	47.070	48.410	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	47.030	48.370	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	47.080	48.380	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	47.080	48.380	PASS
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	47.660	50.240	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	47.070	48.440	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	47.040	48.390	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM16	47.080	48.410	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM64	47.070	48.420	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM256	47.080	48.420	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	47.650	50.250	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	57.930	60.950	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	57.930	60.950	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM16	57.920	60.950	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM64	57.940	60.980	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM256	57.930	60.960	PASS
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	57.930	60.990	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	58.090	61.000	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	58.090	61.010	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	58.080	61.010	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	58.090	61.010	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	58.110	61.020	PASS
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	57.960	61.030	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	58.100	61.050	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	57.960	61.010	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM16	57.950	61.020	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM64	58.090	61.050	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM256	58.100	61.040	PASS
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	57.960	61.060	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	77.440	81.340	PASS

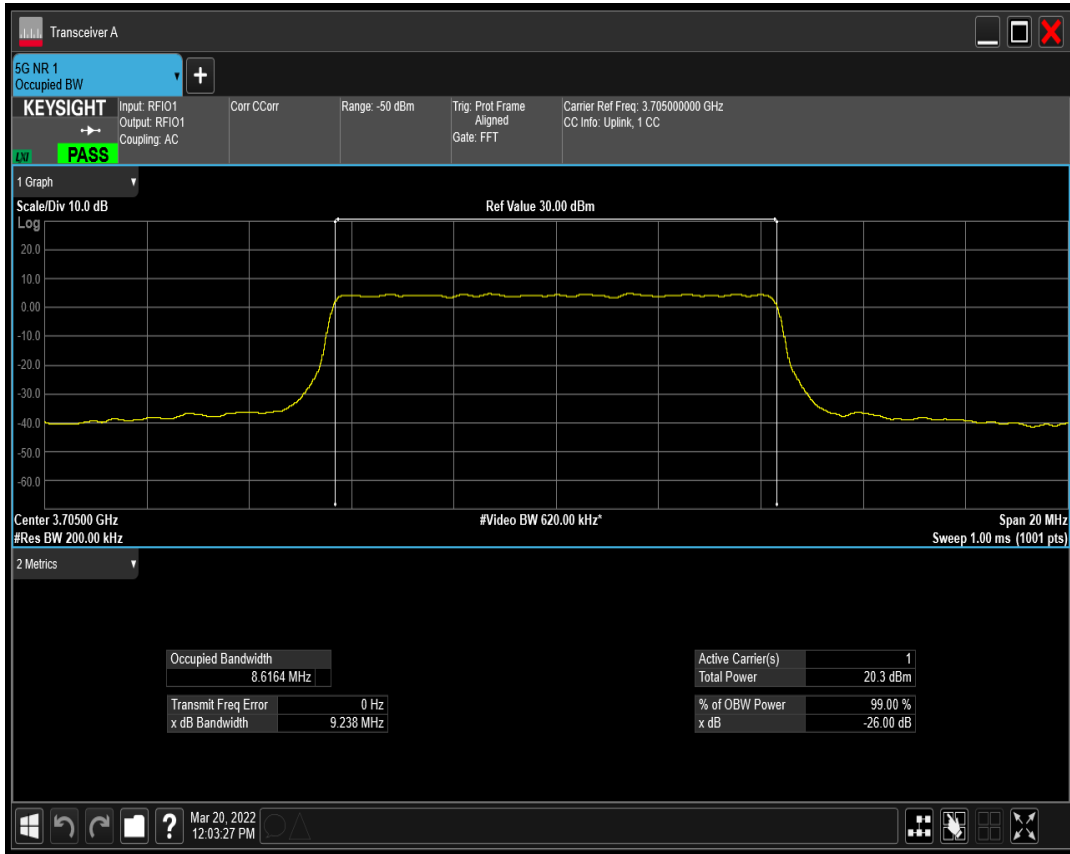
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	77.270	81.340	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM16	77.270	81.340	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM64	77.260	81.330	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM256	77.460	81.360	PASS
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	77.590	81.740	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	77.490	81.410	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	77.460	81.380	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM16	77.460	81.390	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM64	77.500	81.400	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM256	77.480	81.370	PASS
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	77.780	81.780	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	77.480	81.390	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	77.460	81.370	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM16	77.460	81.400	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM64	77.500	81.410	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM256	77.490	81.390	PASS
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	77.790	81.810	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_BPSK	86.810	90.510	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QPSK	86.770	90.500	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM16	86.570	90.520	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM64	86.760	90.520	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM256	86.500	90.470	PASS
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	87.640	92.320	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_BPSK	86.810	90.580	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QPSK	86.790	90.560	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM16	86.560	90.570	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM64	86.780	90.550	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM256	86.510	90.490	PASS
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	87.650	92.380	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_BPSK	86.790	90.590	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QPSK	86.780	90.600	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM16	86.770	90.600	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM64	86.770	90.590	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM256	86.510	90.540	PASS
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	87.650	92.390	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	96.860	101.610	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	96.820	101.590	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM16	96.860	101.610	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM64	96.830	101.610	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM256	96.830	101.620	PASS
n77(3700-3980)	30	100	650000	273@0	CP_QPSK	97.660	102.710	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	96.860	101.670	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	96.840	101.640	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM16	96.810	101.650	PASS

n77(3700-3980)	30	100	656000	270@0	DFT_QAM64	96.840	101.670	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM256	96.800	101.650	PASS
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	97.670	102.760	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	96.840	101.660	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	96.840	101.690	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM16	96.810	101.670	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM64	96.810	101.660	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM256	96.810	101.680	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	97.660	102.780	PASS

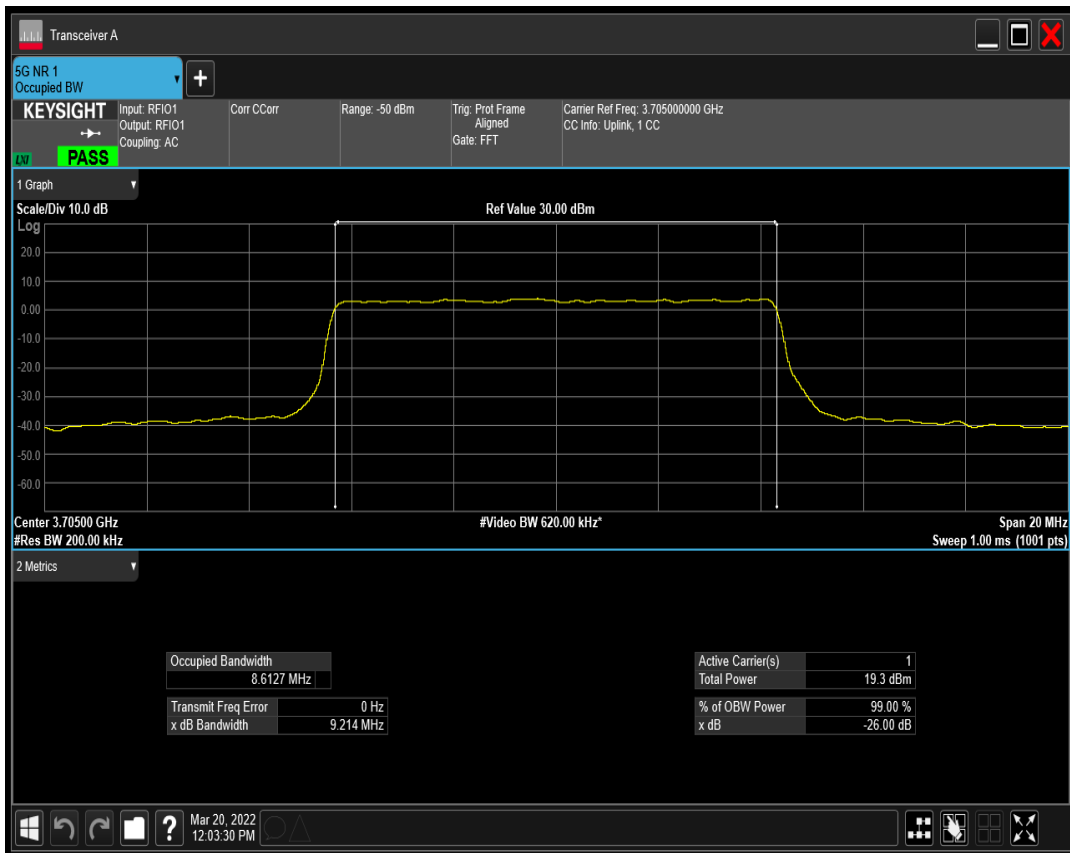
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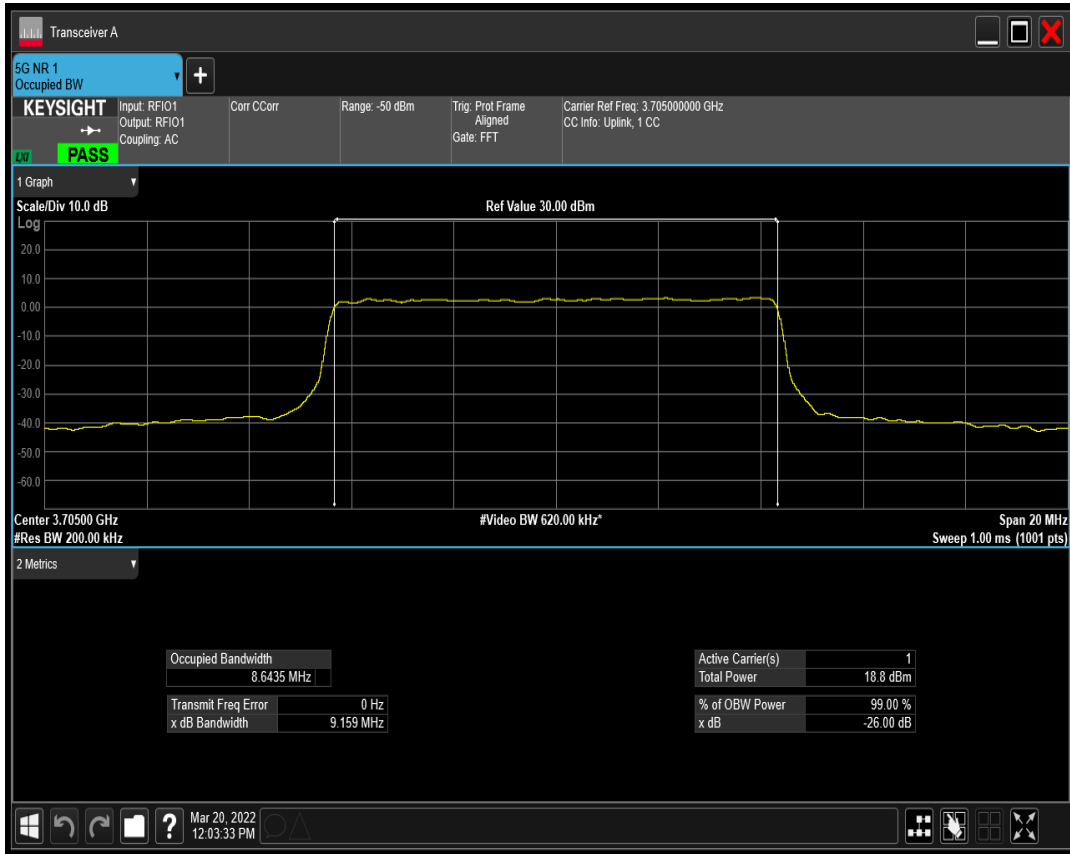
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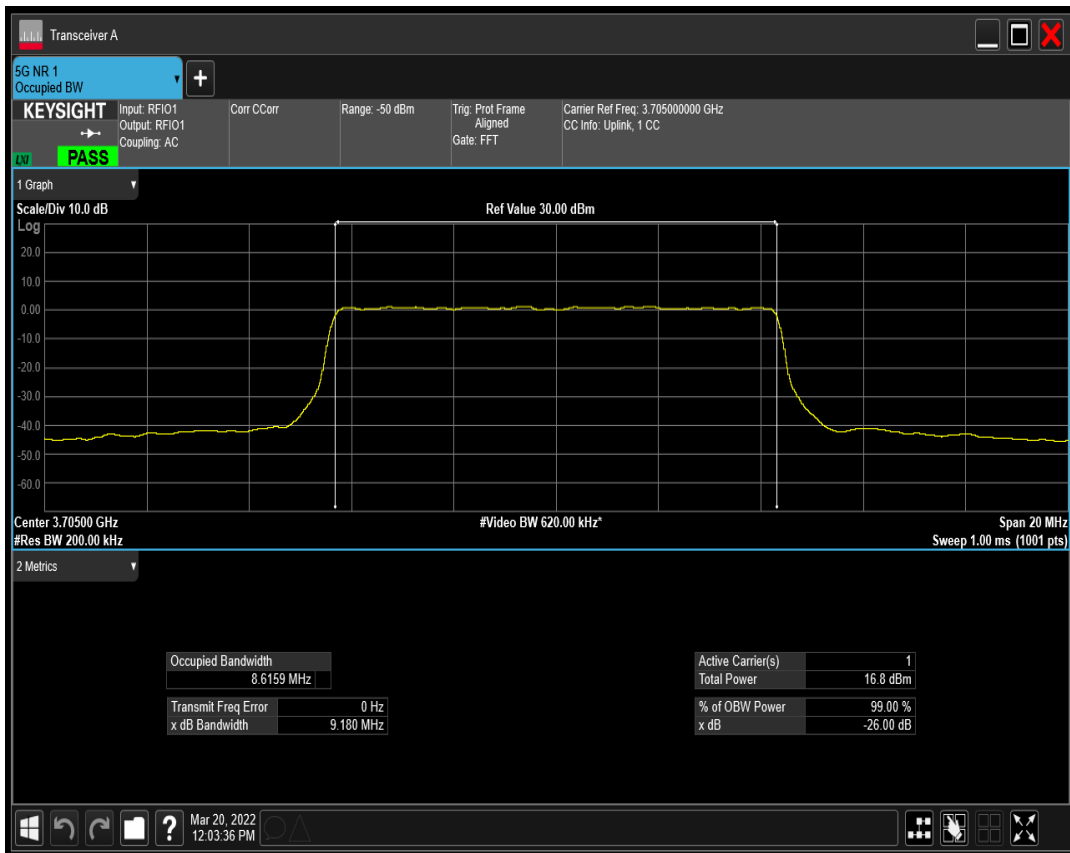
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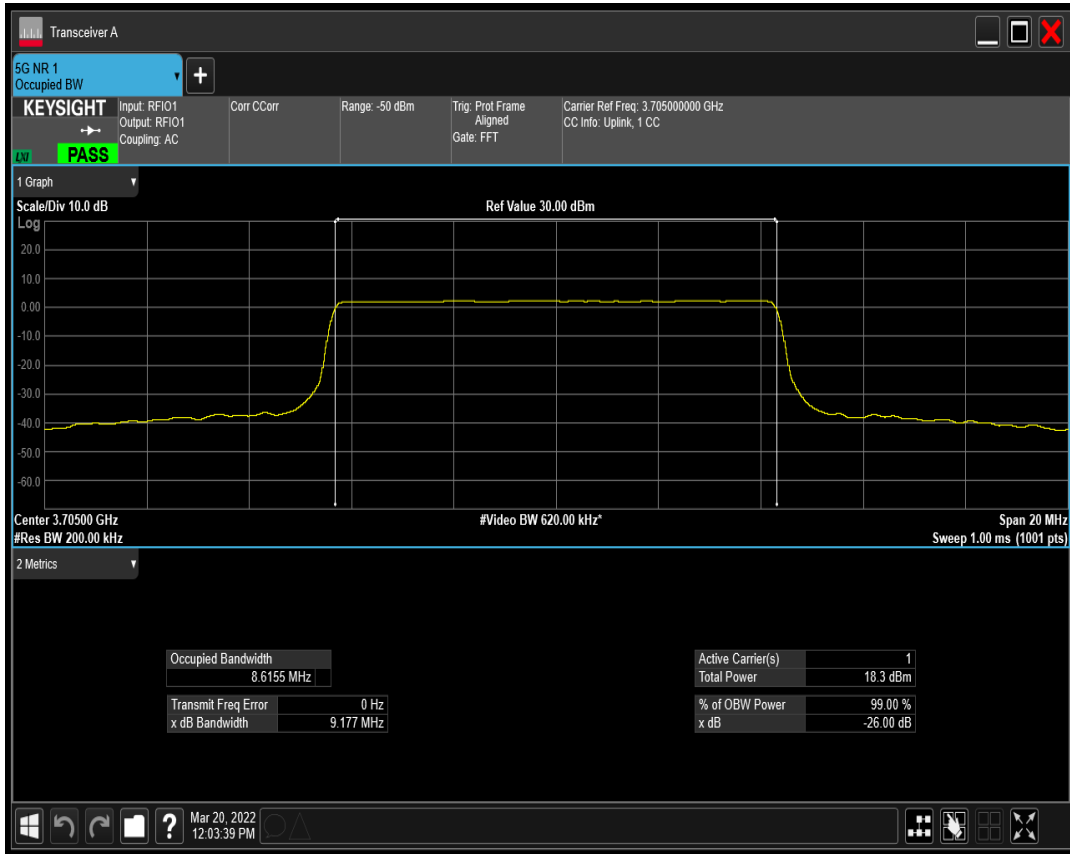
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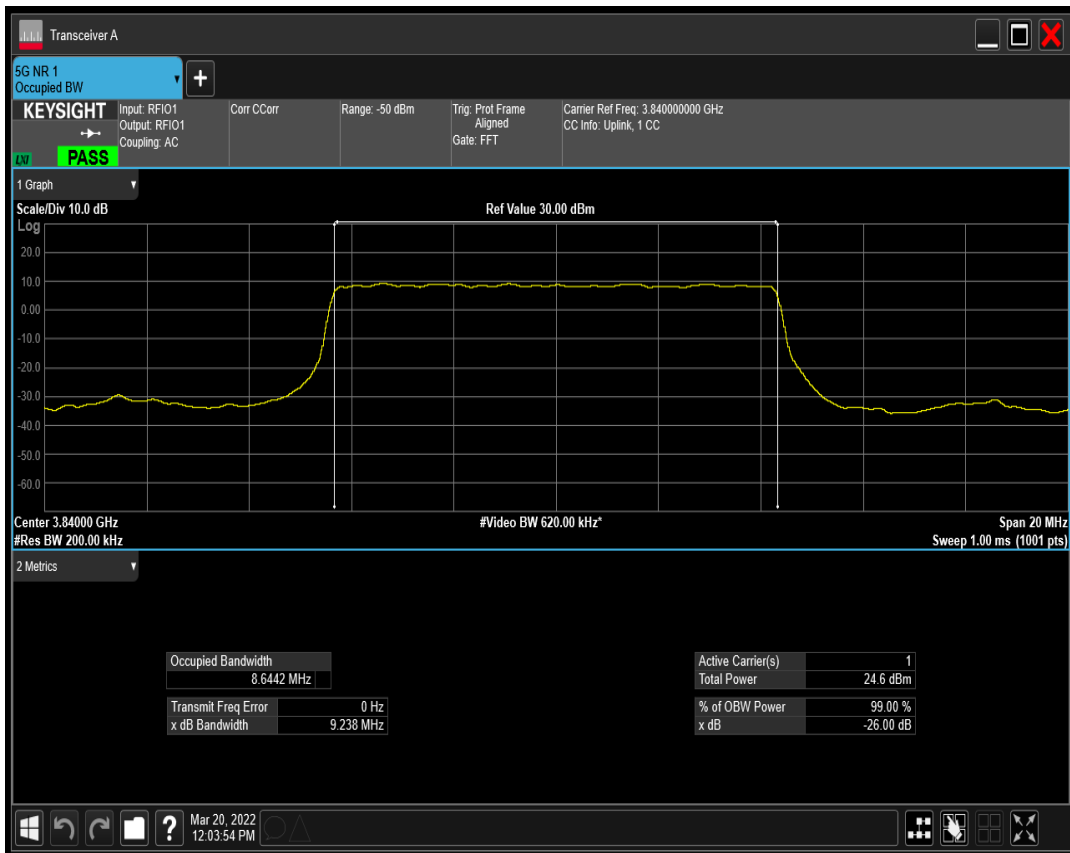
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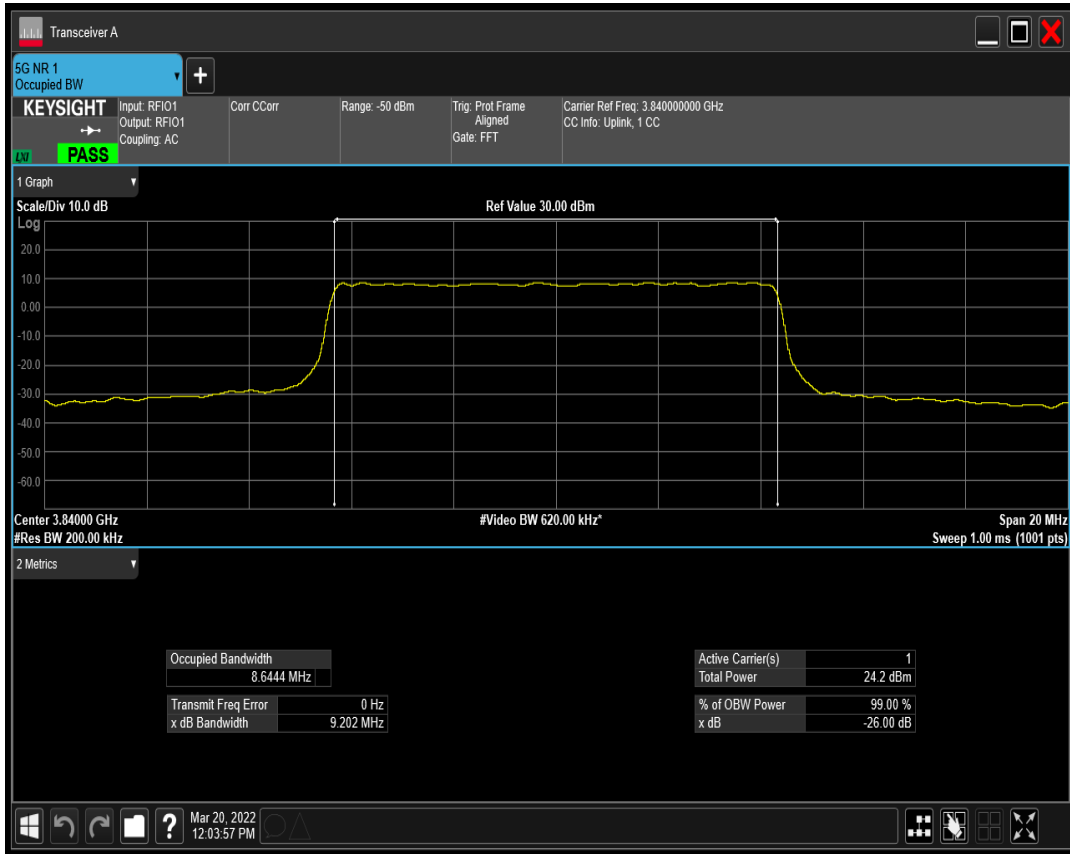
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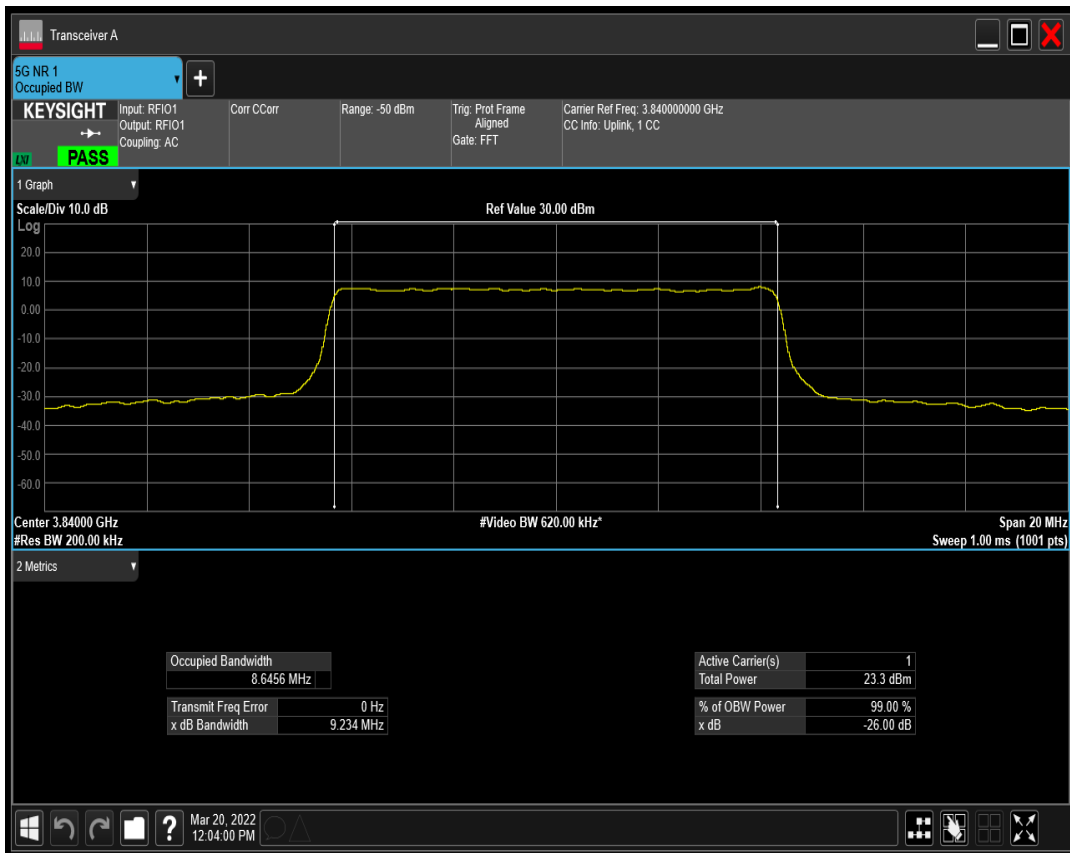
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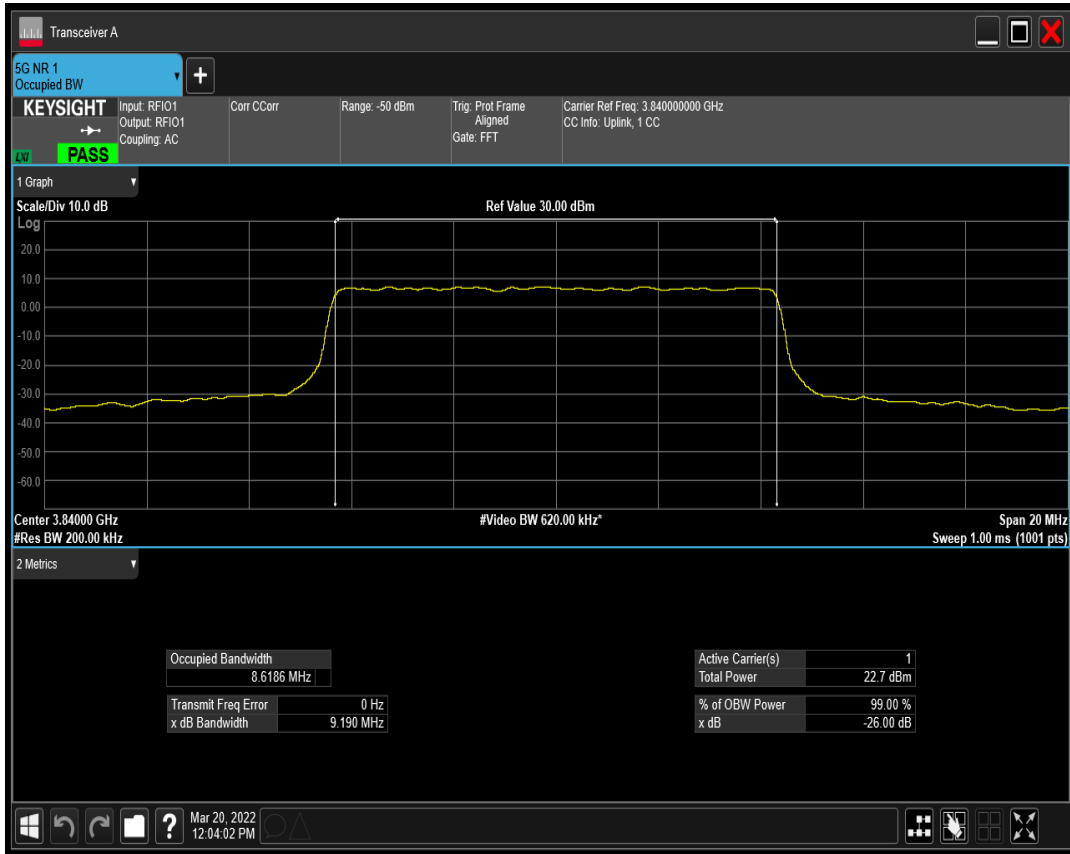
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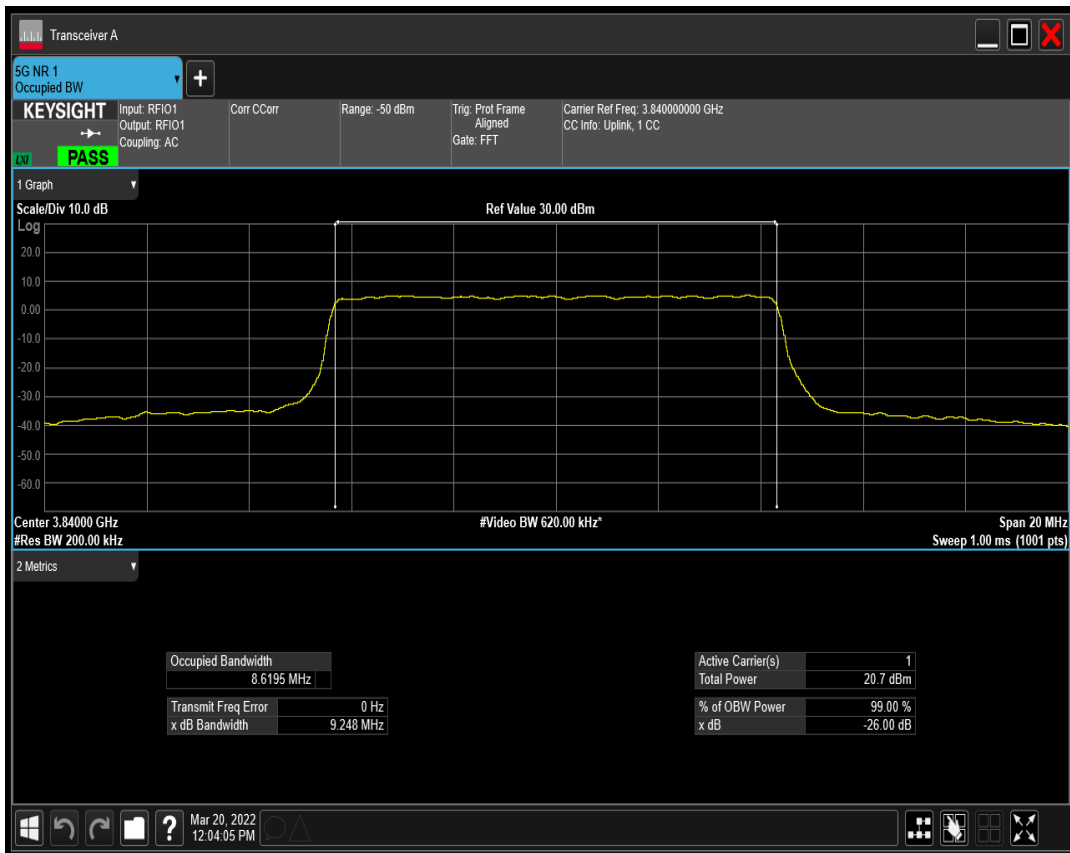
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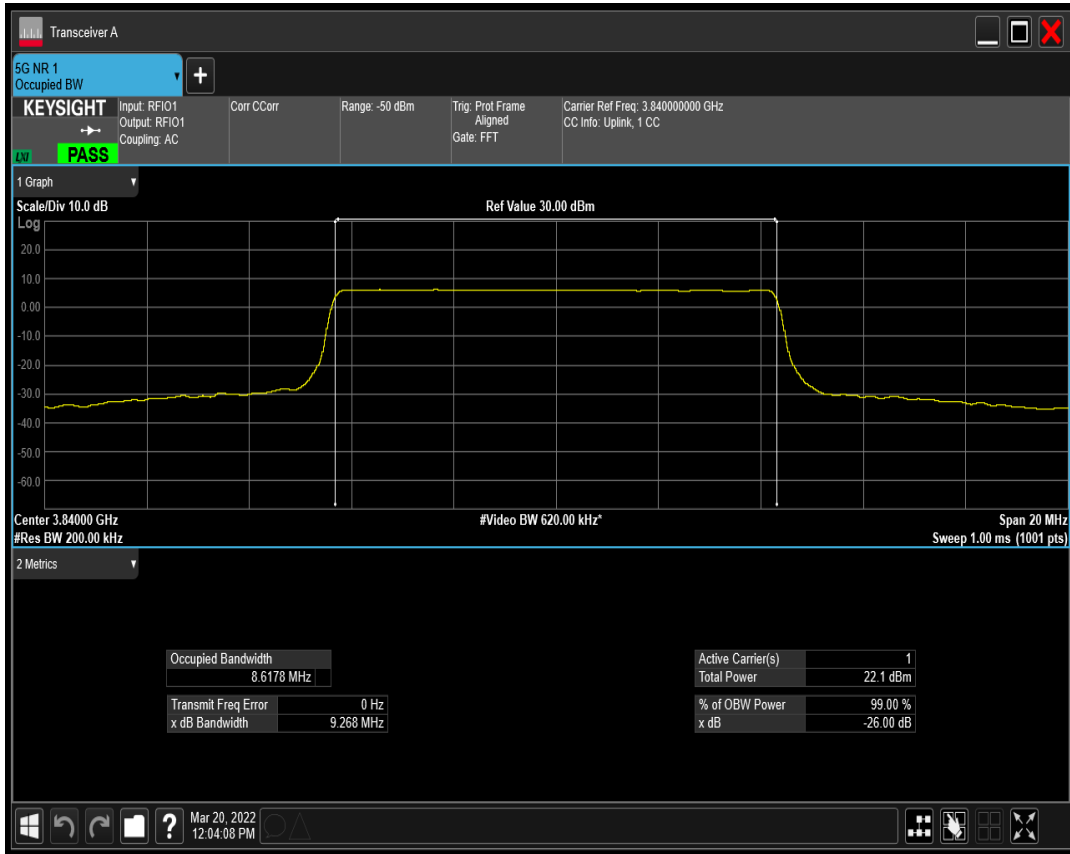
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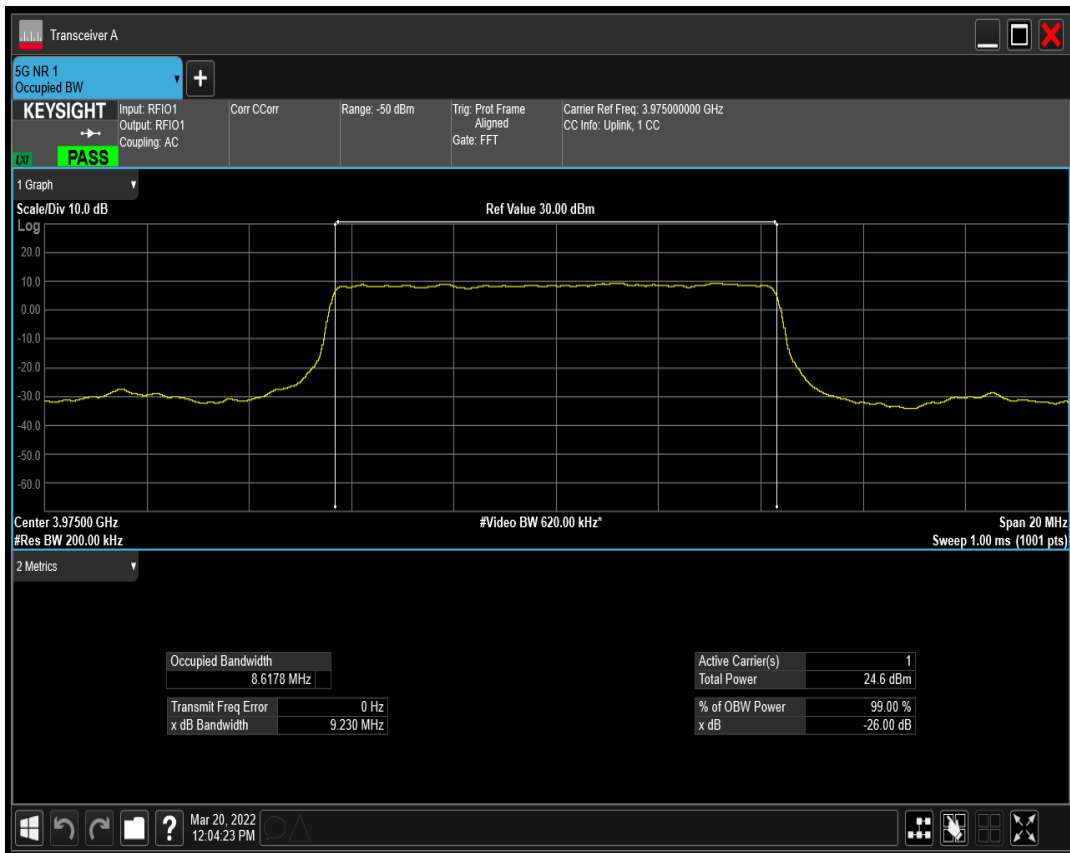
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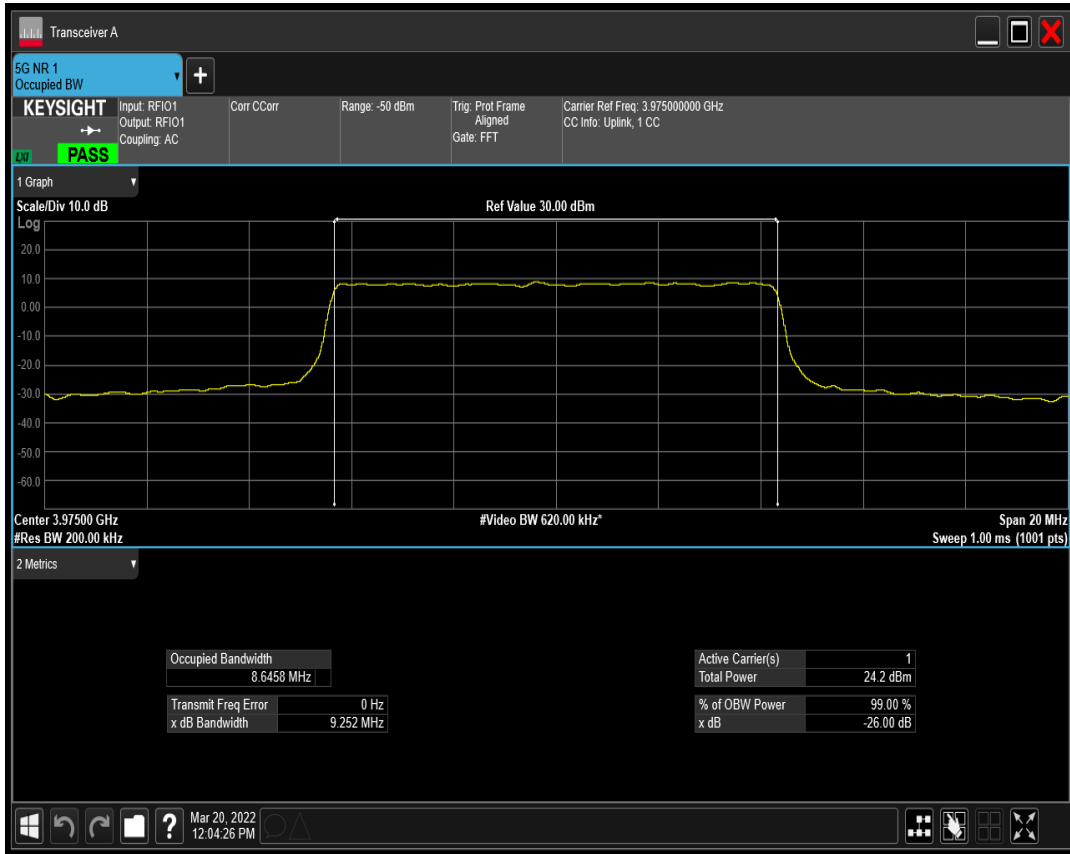
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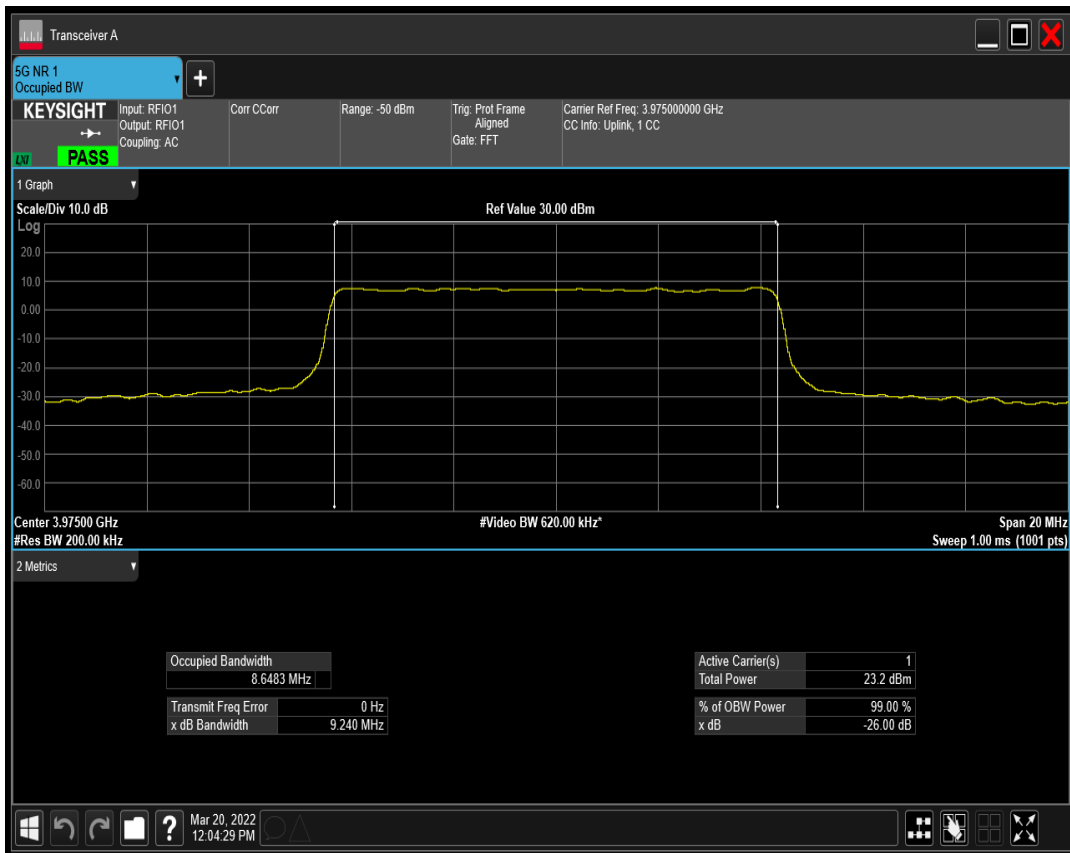
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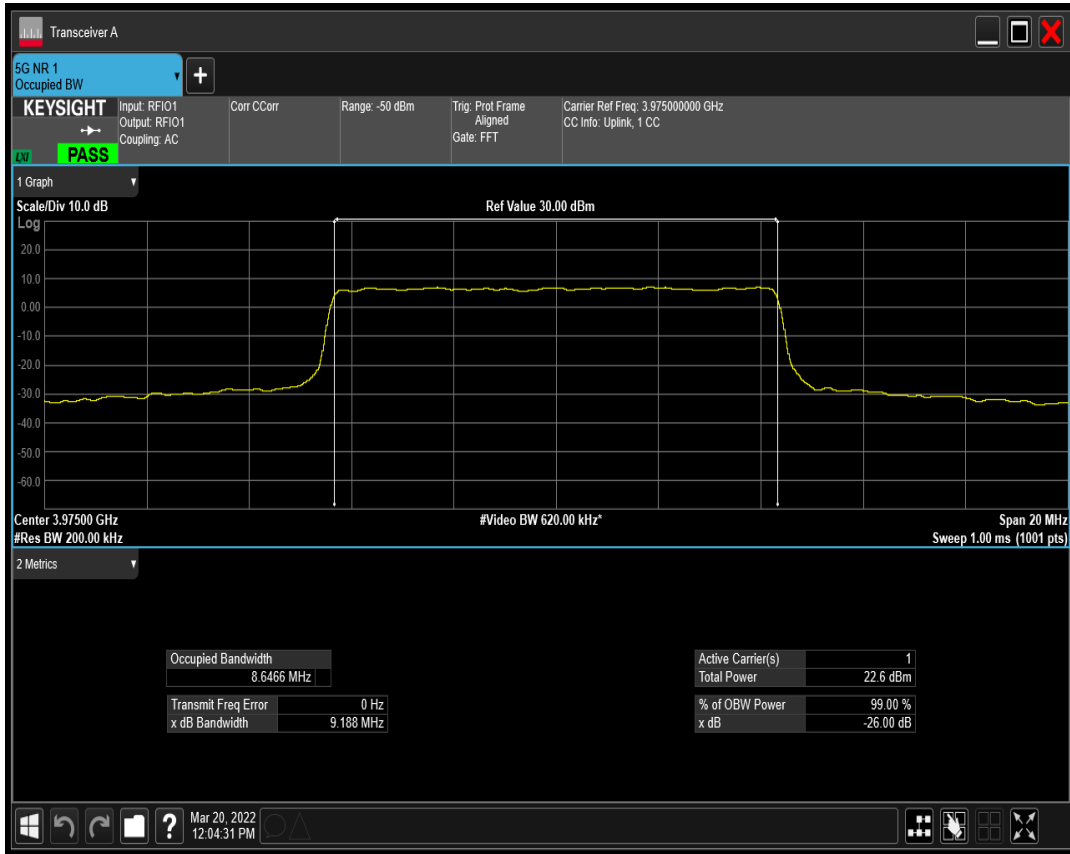
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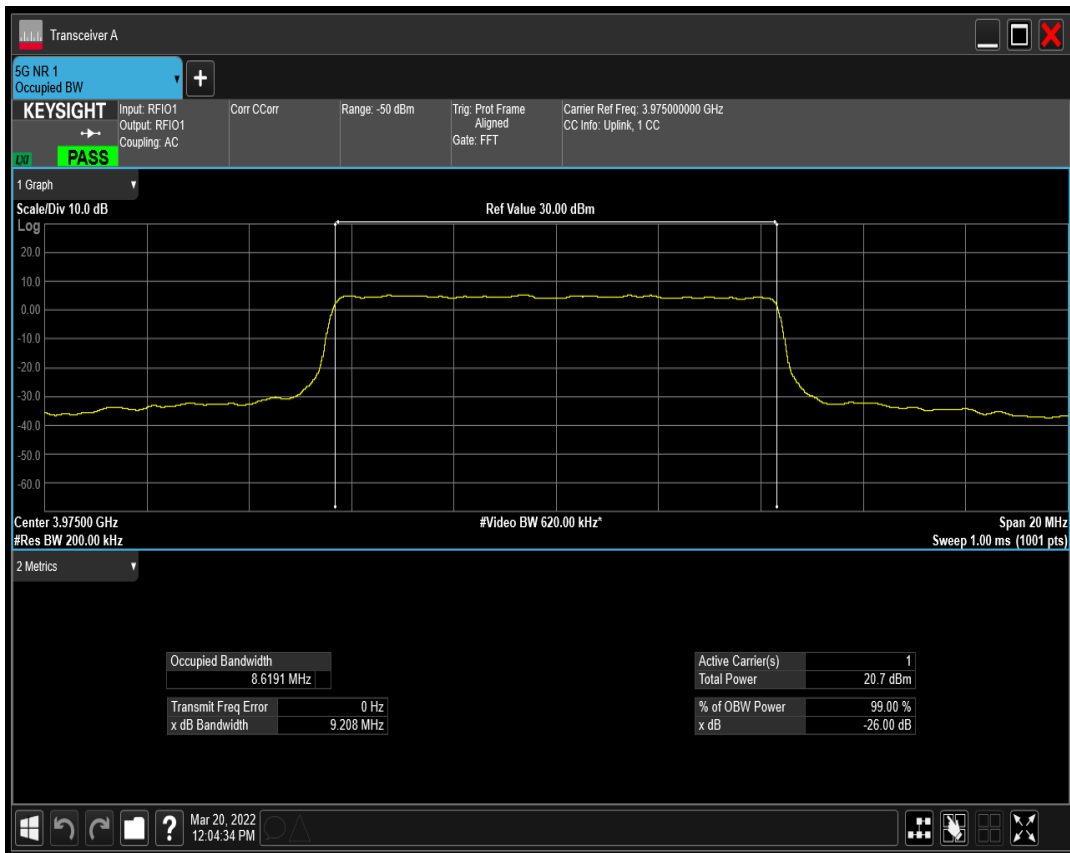
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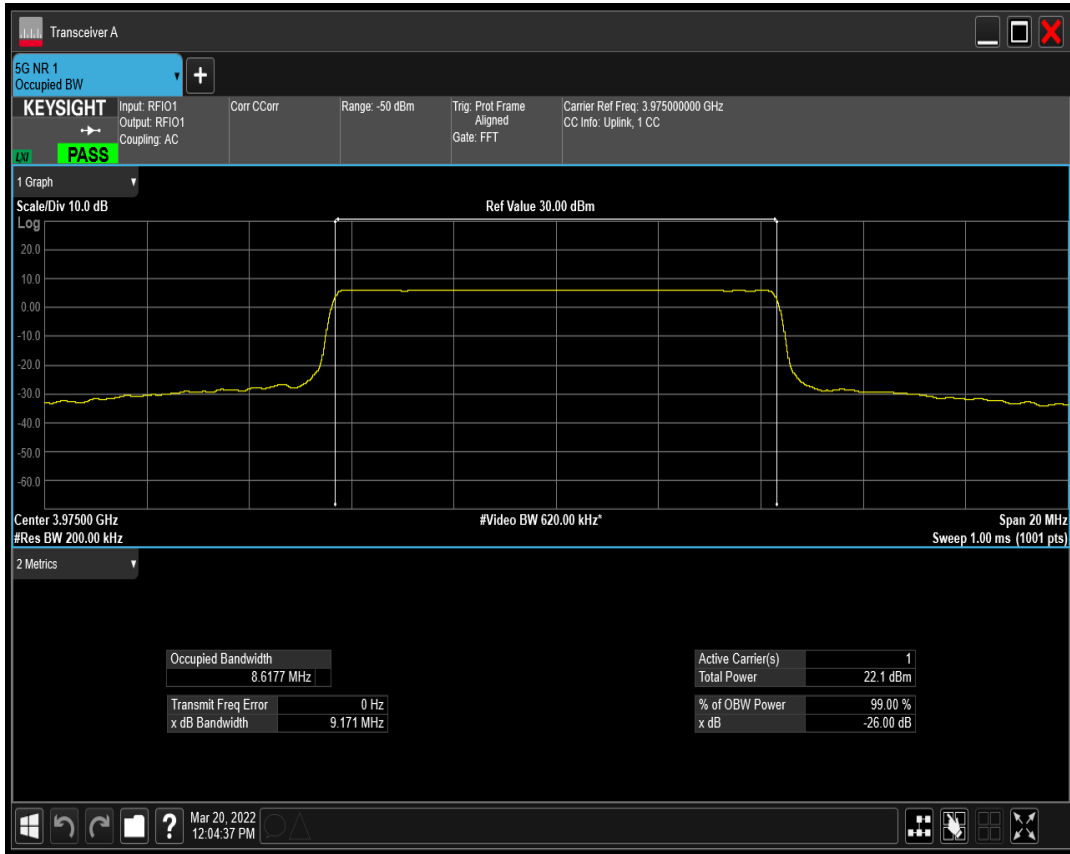
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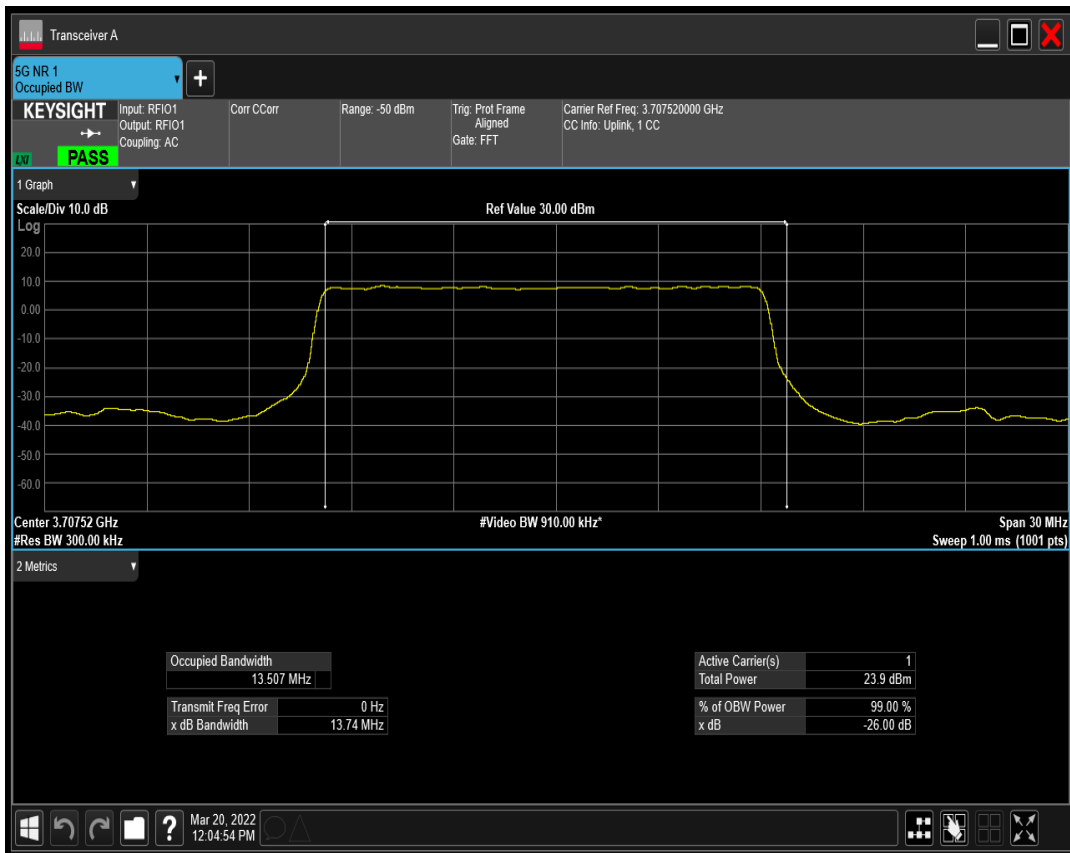
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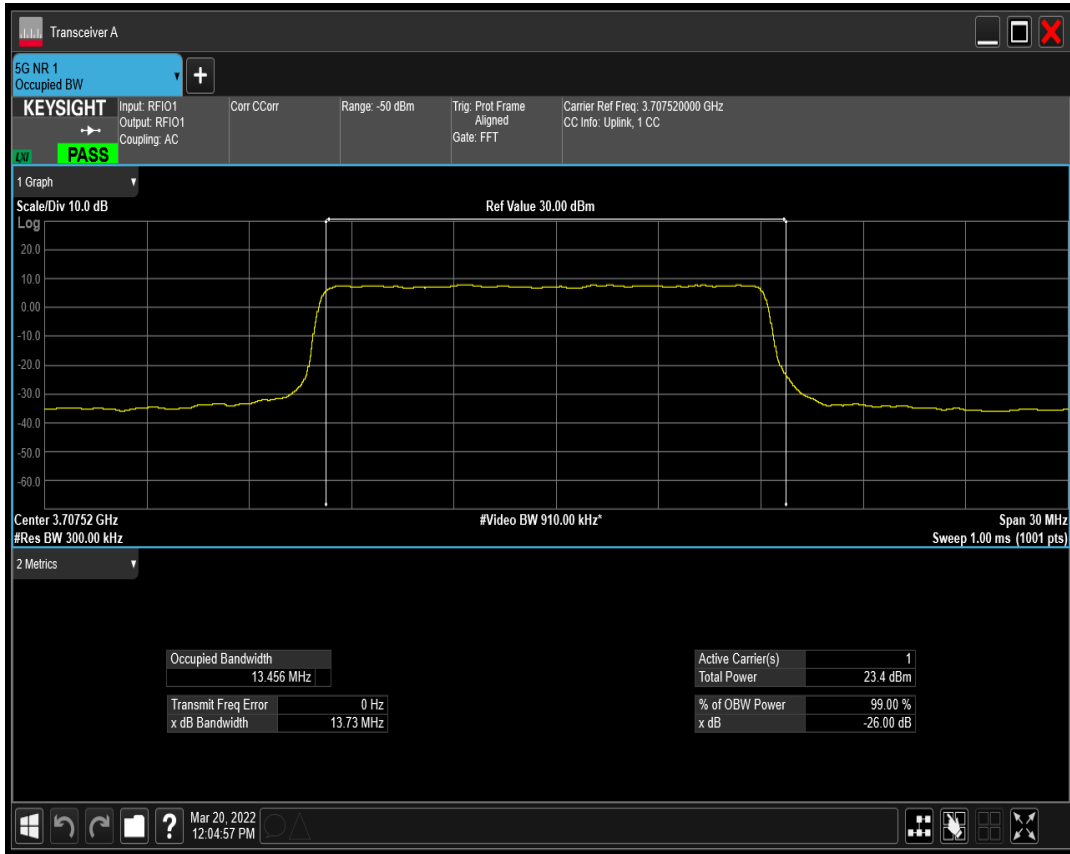
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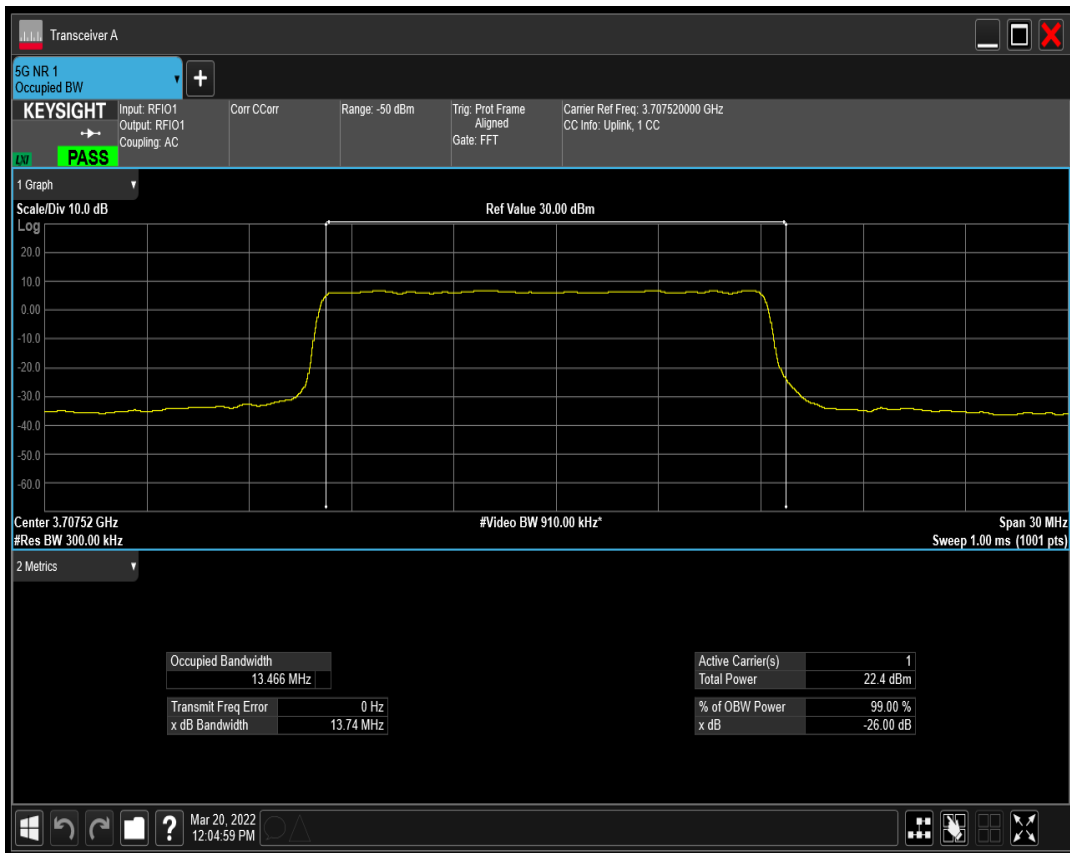
n77(3700-3980) SCS=30kHz DFT_BPSK BW=15MHz Channel=647168 RB=36@0



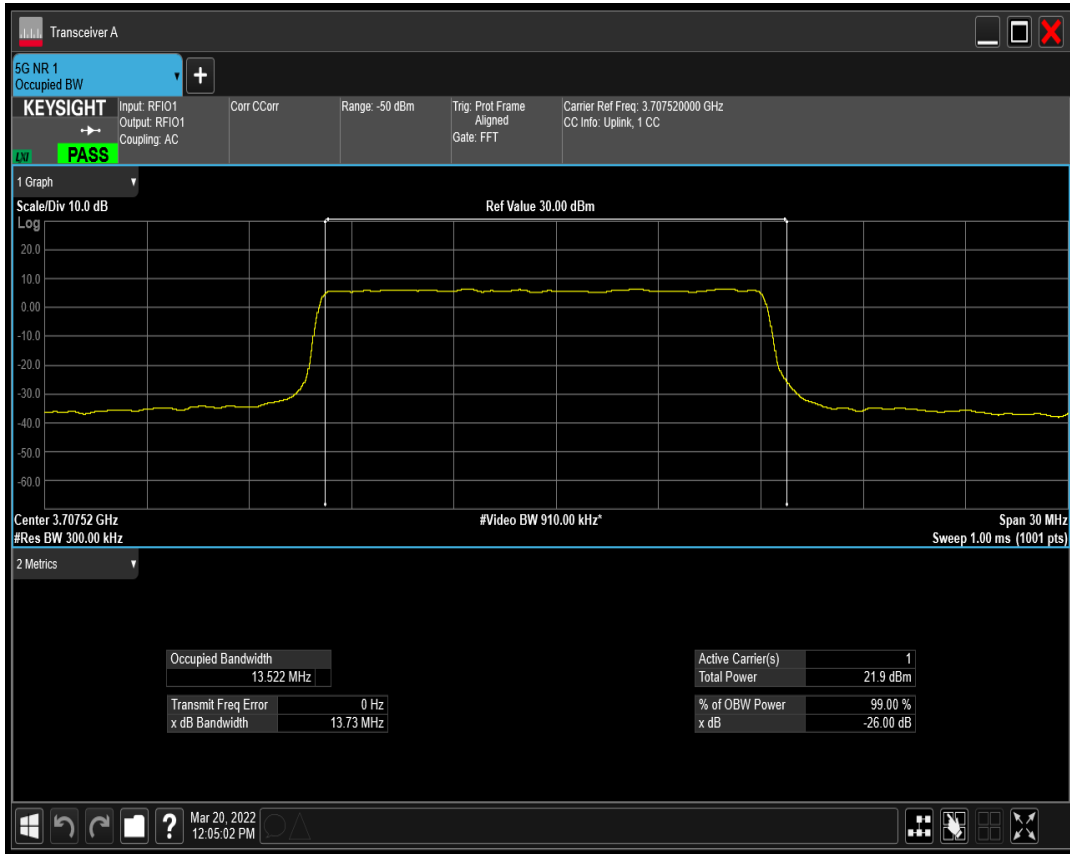
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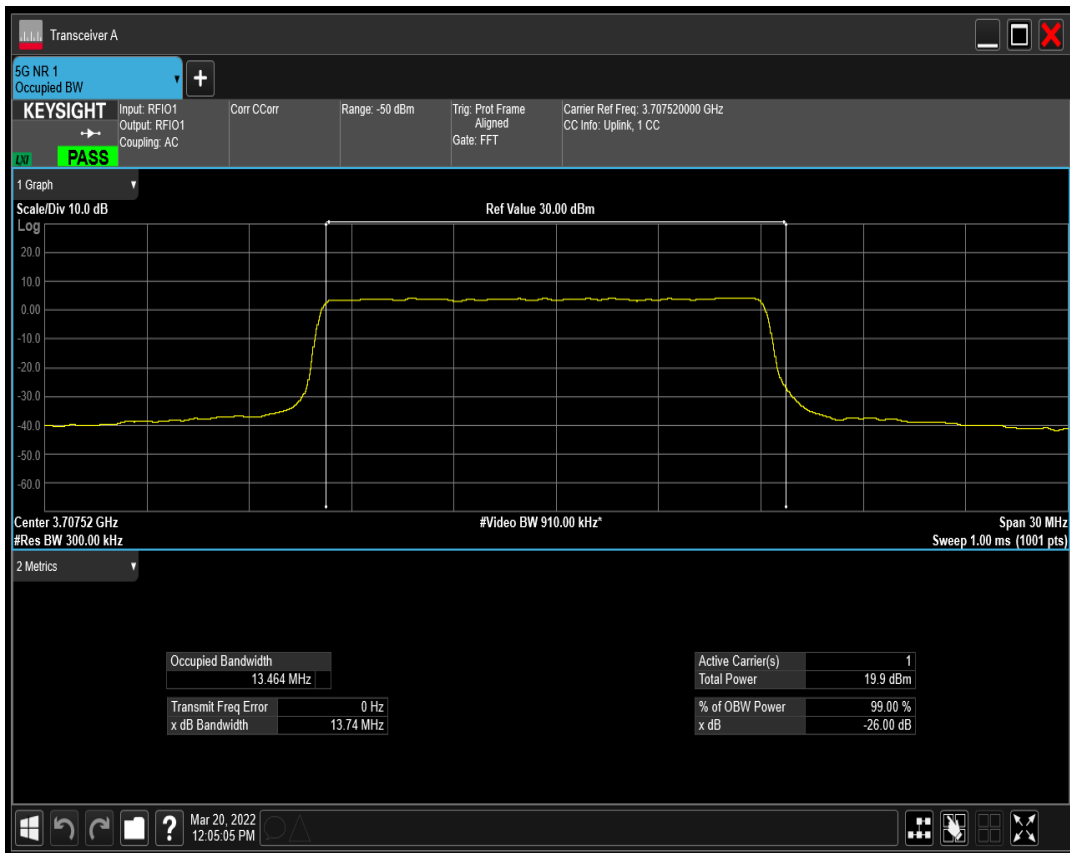
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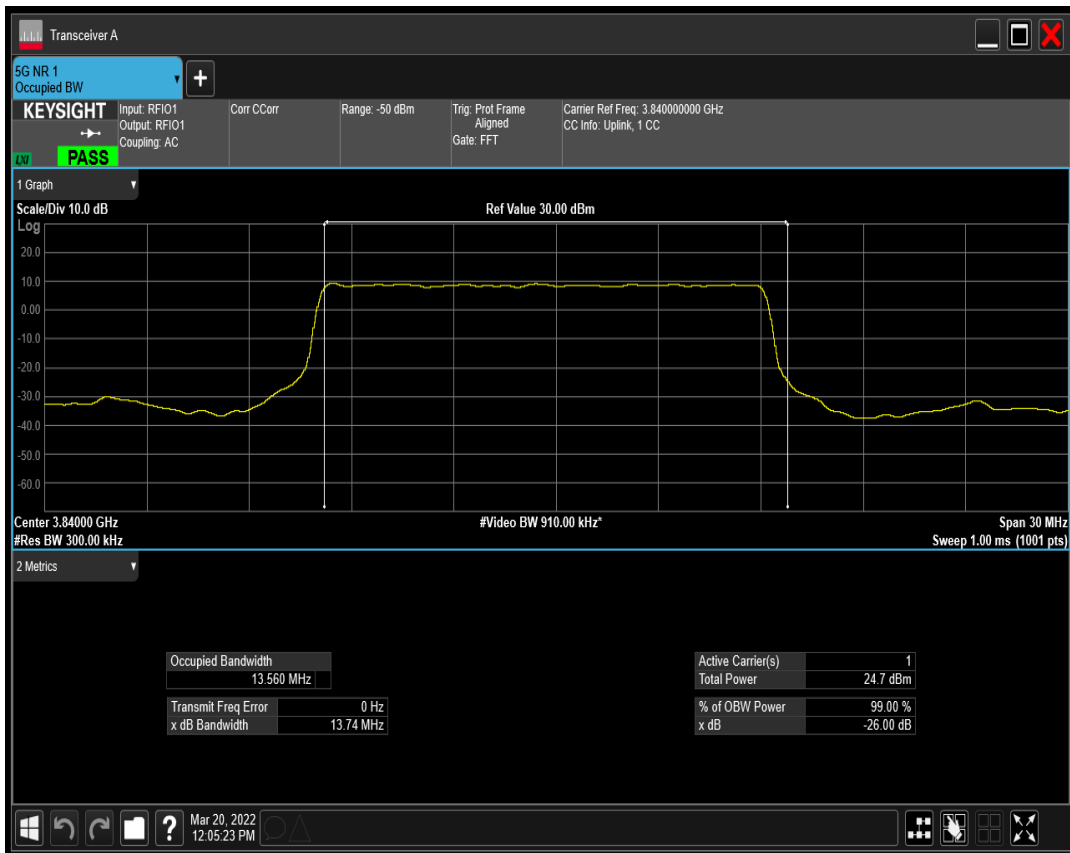
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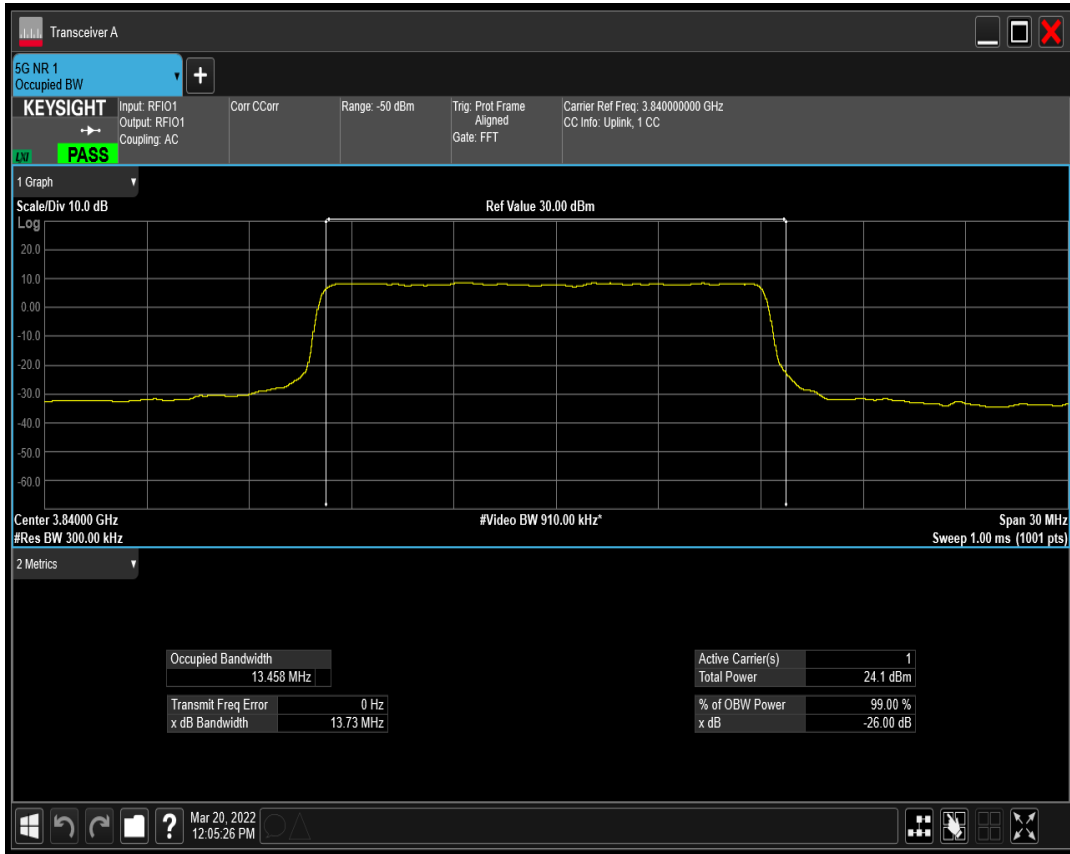
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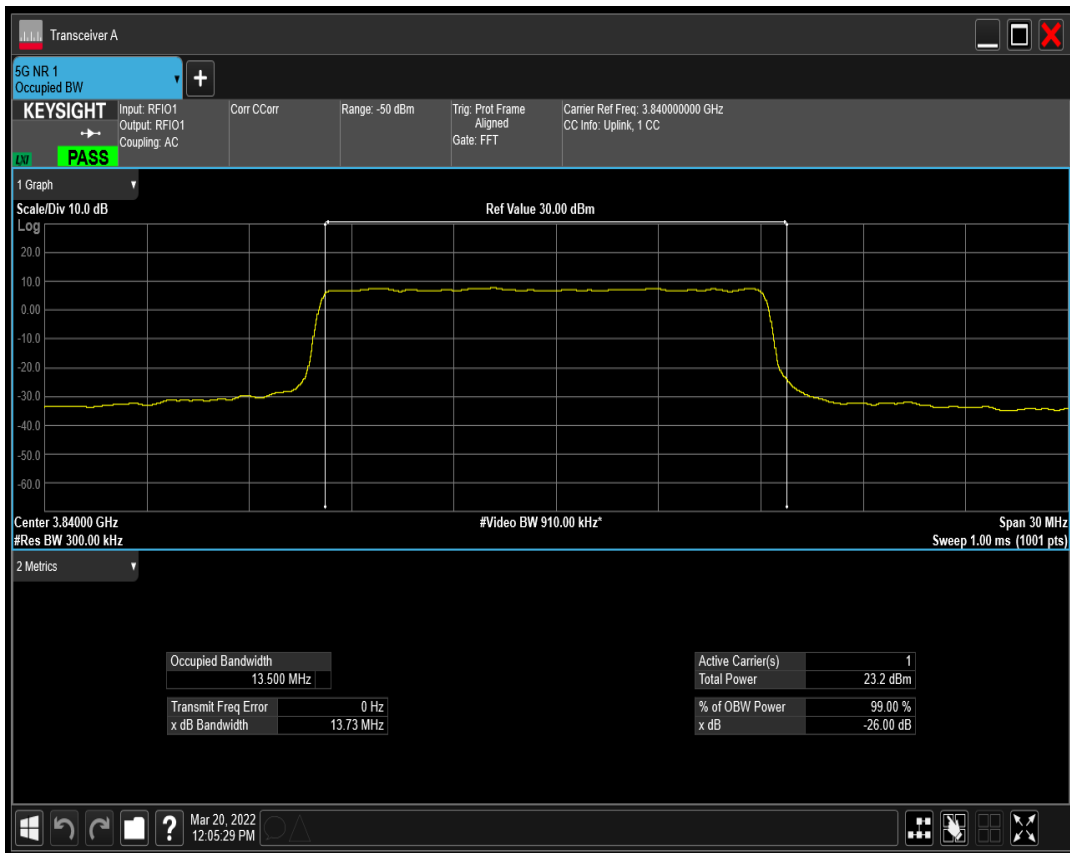
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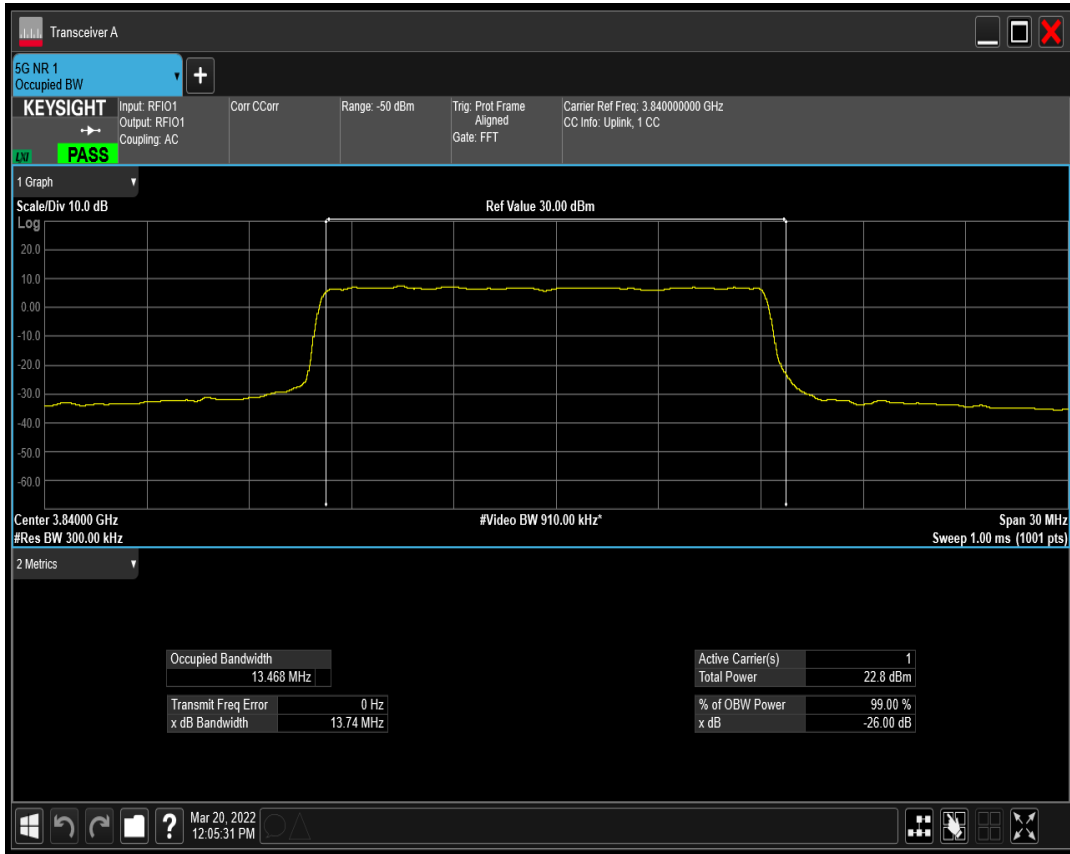
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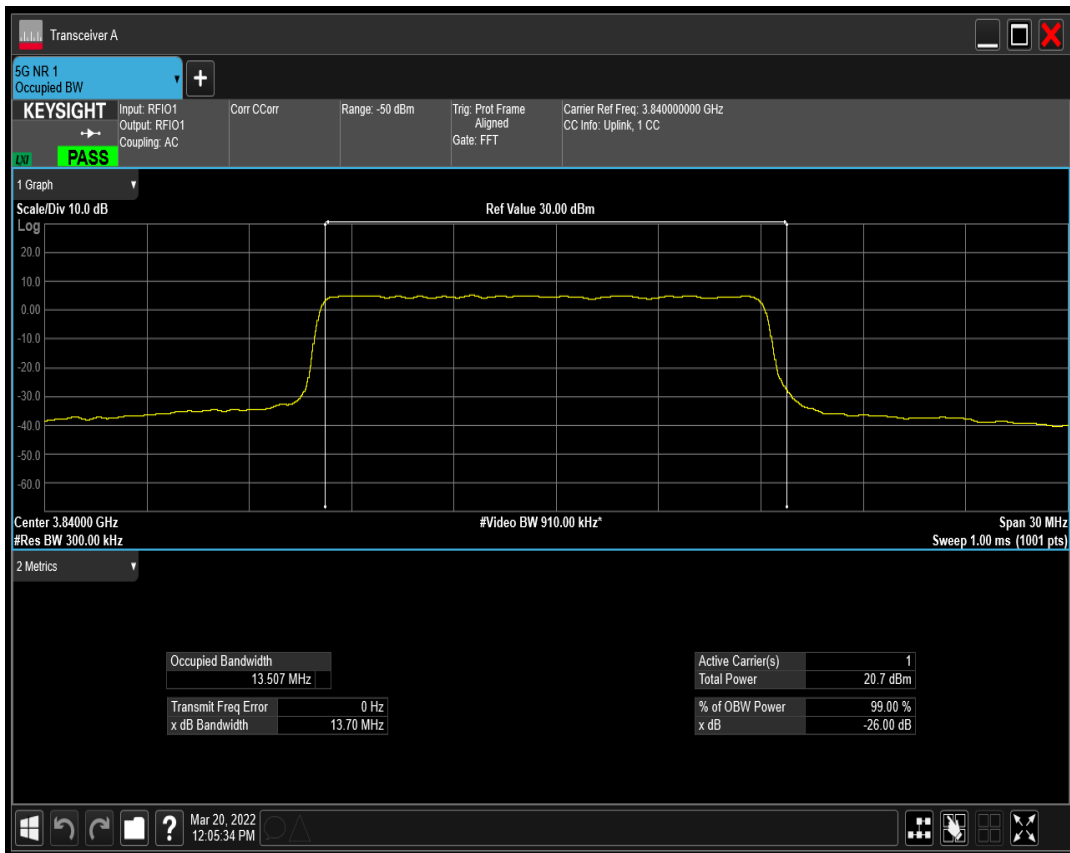
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n77(3700-3980) SCS=30kHz DFT_QAM64 BW=15MHz Channel=656000 RB=36@0



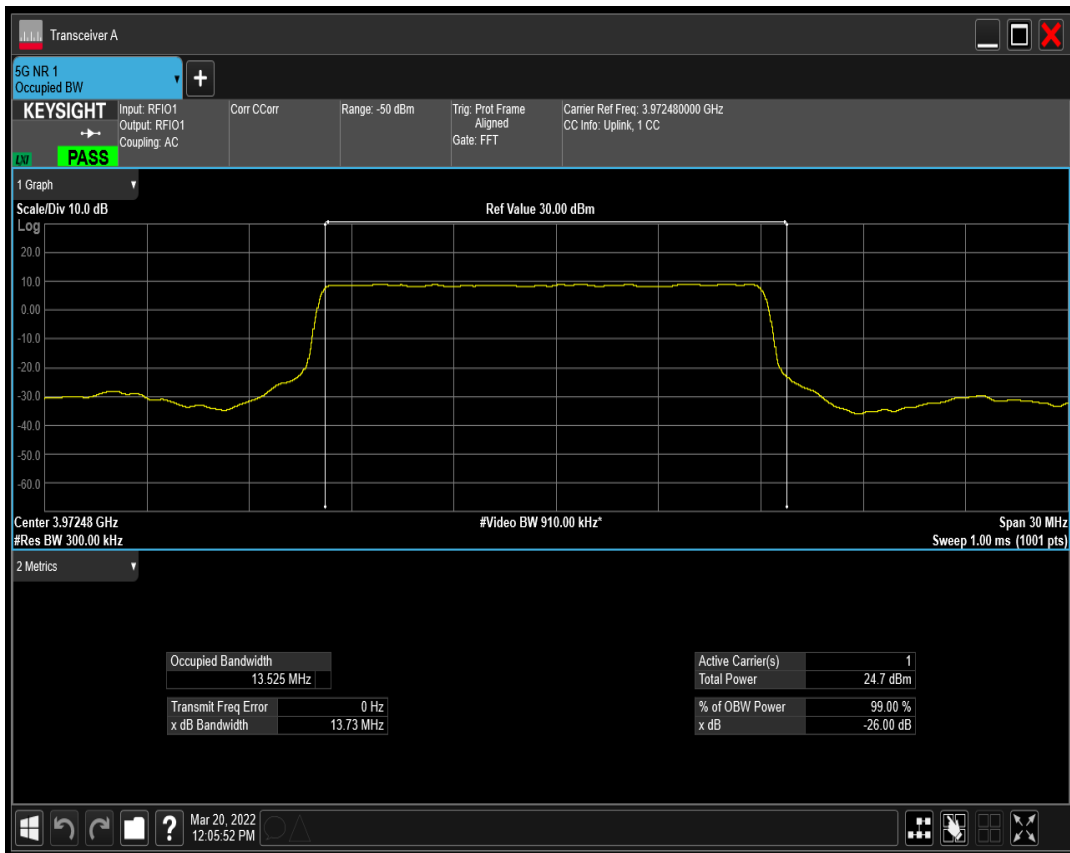
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n77(3700-3980) SCS=30kHz CP_QPSK BW=15MHz Channel=656000 RB=38@0



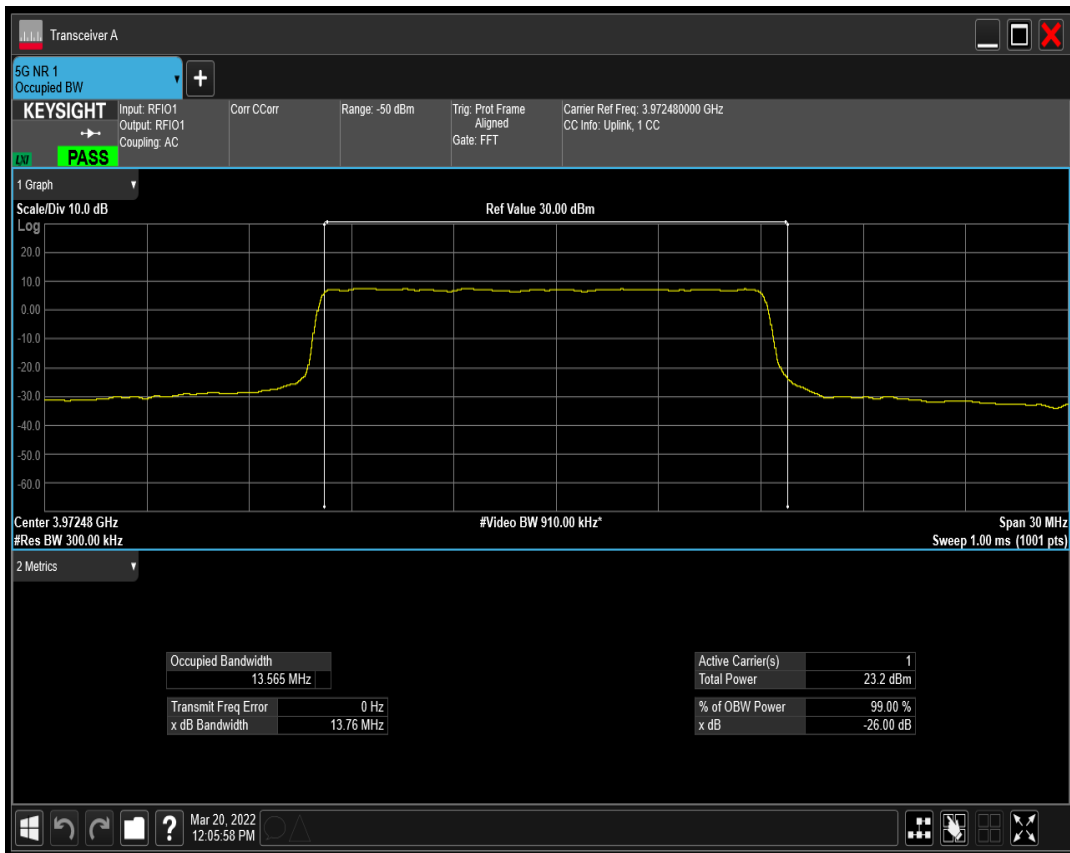
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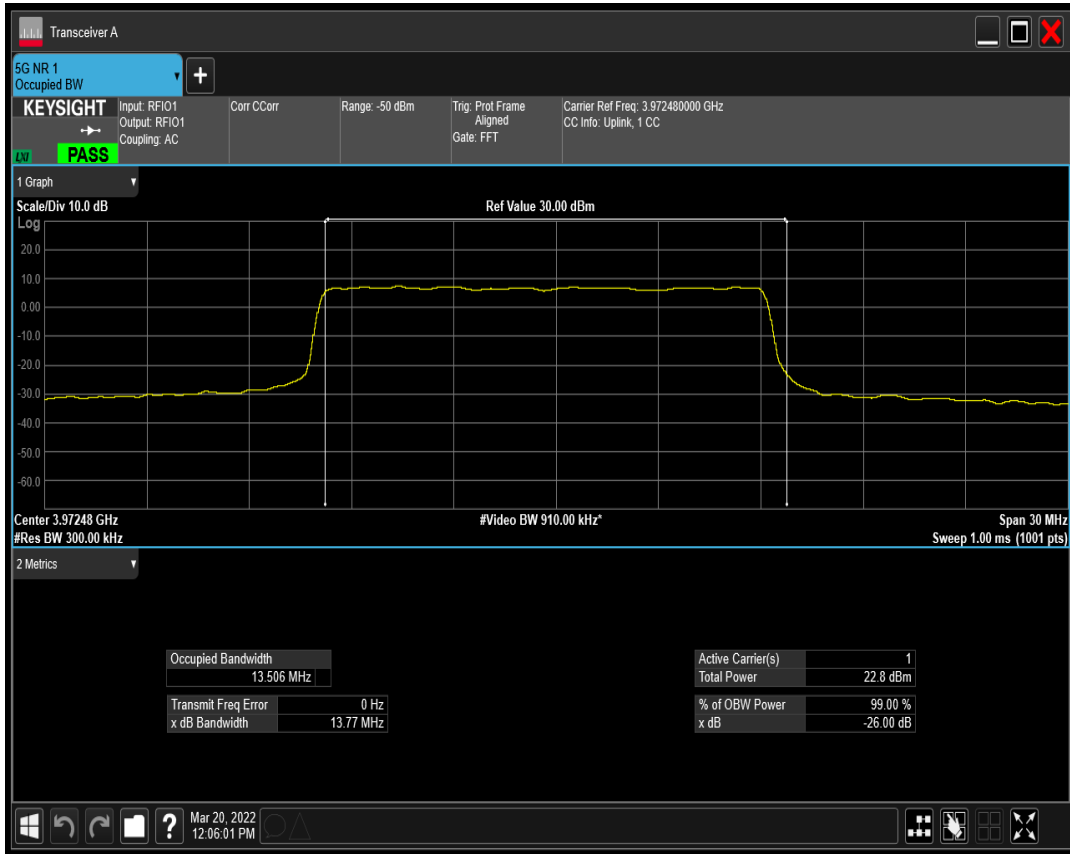
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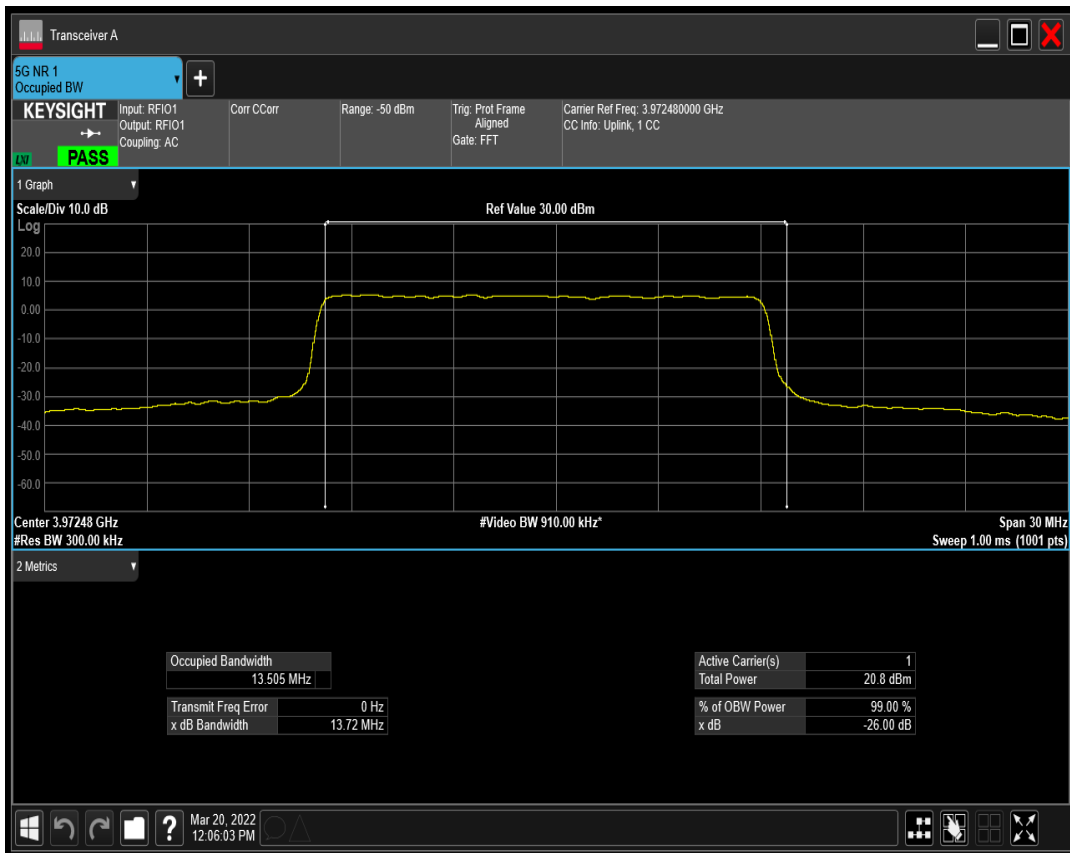
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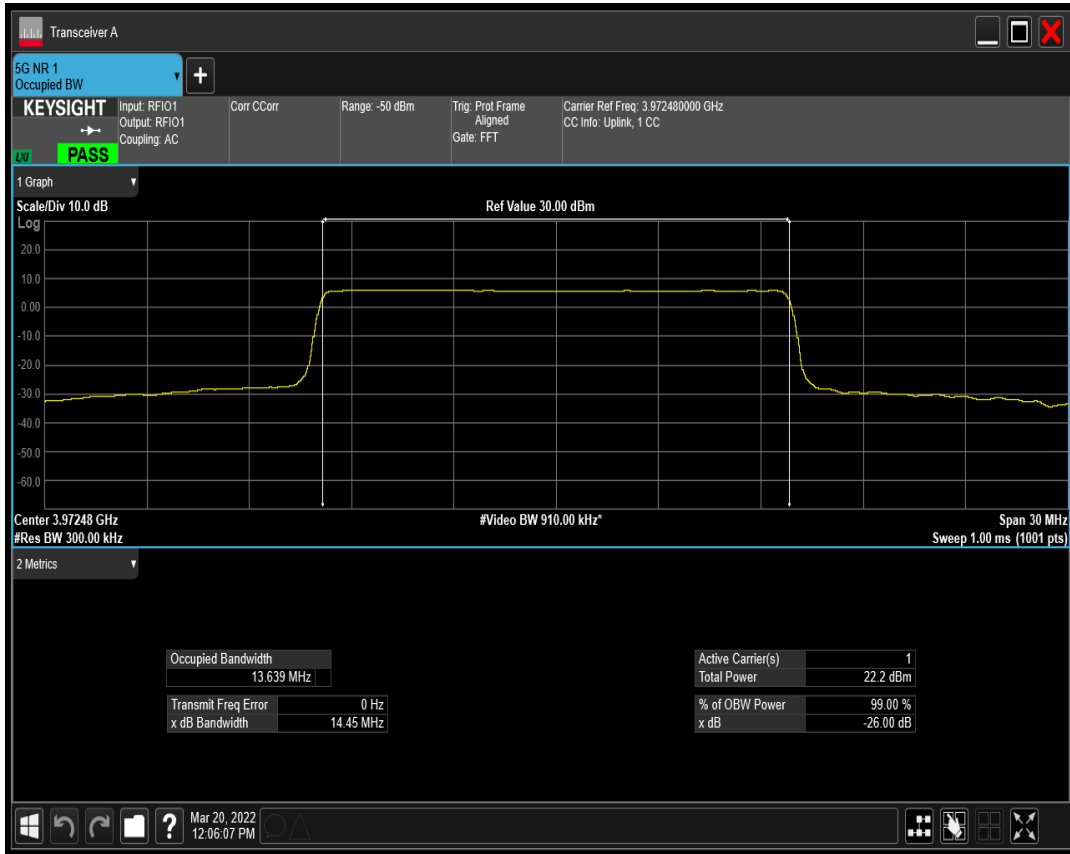
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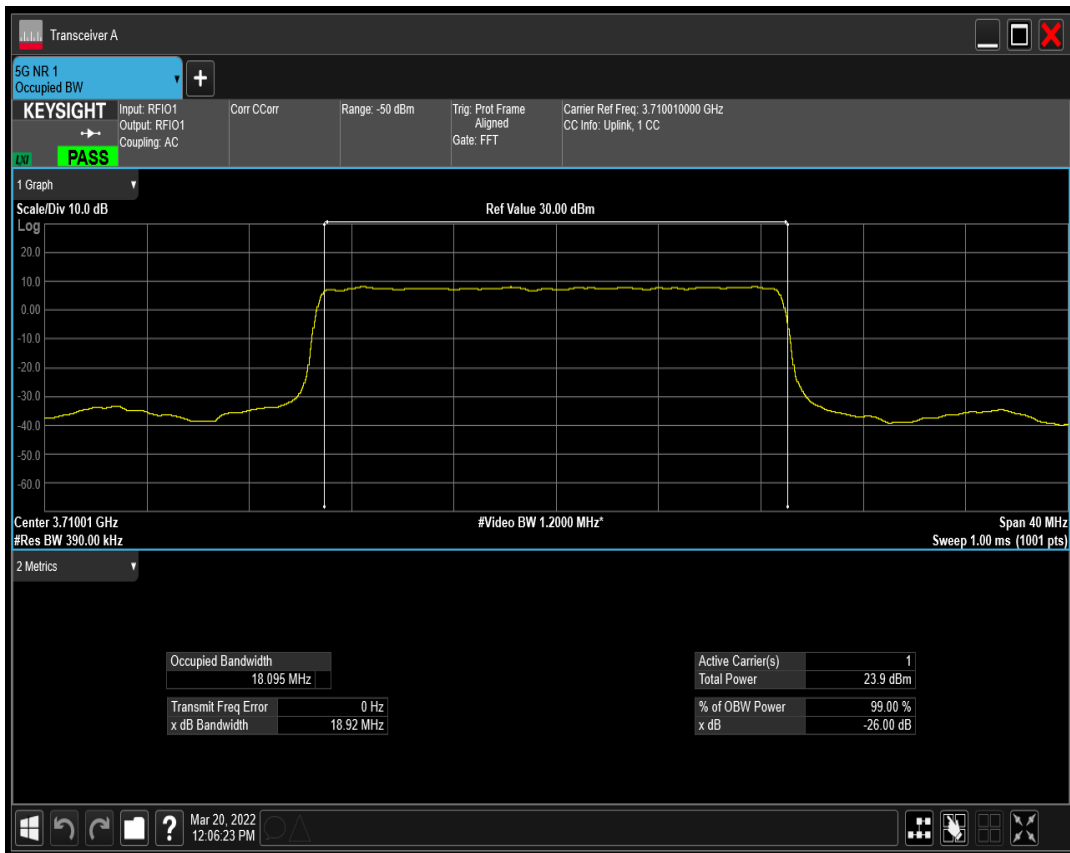
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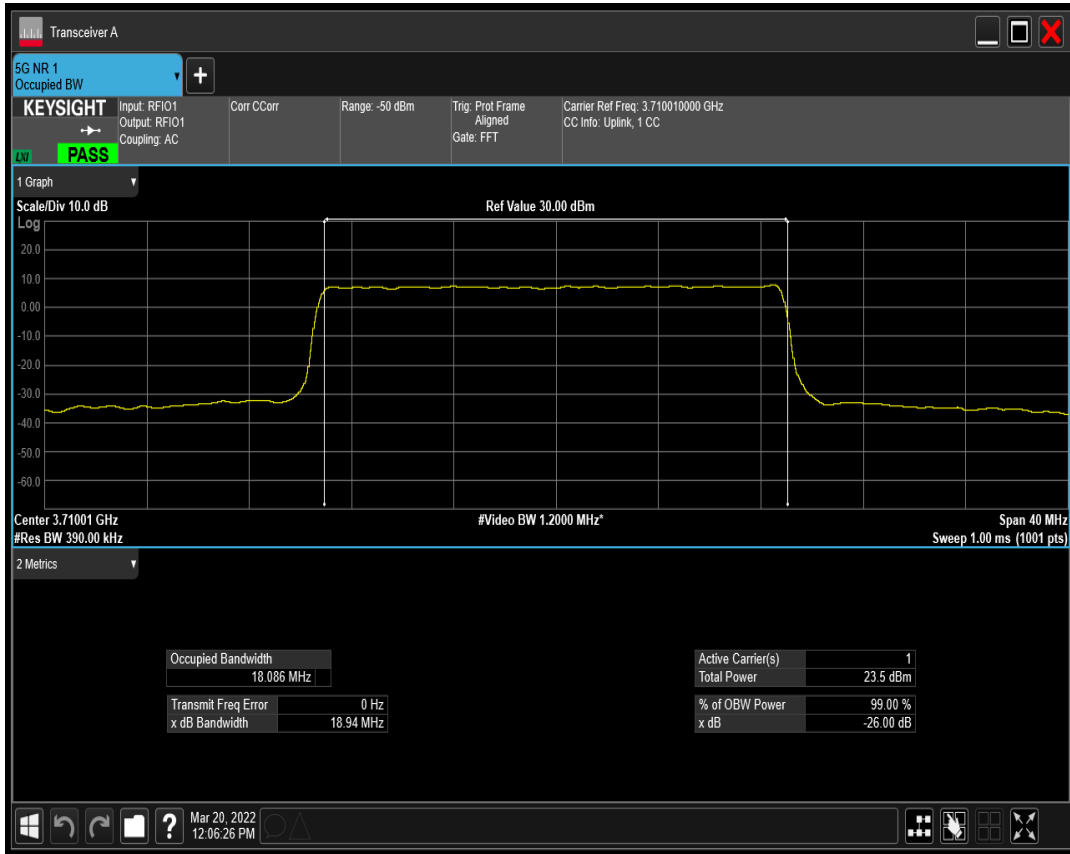
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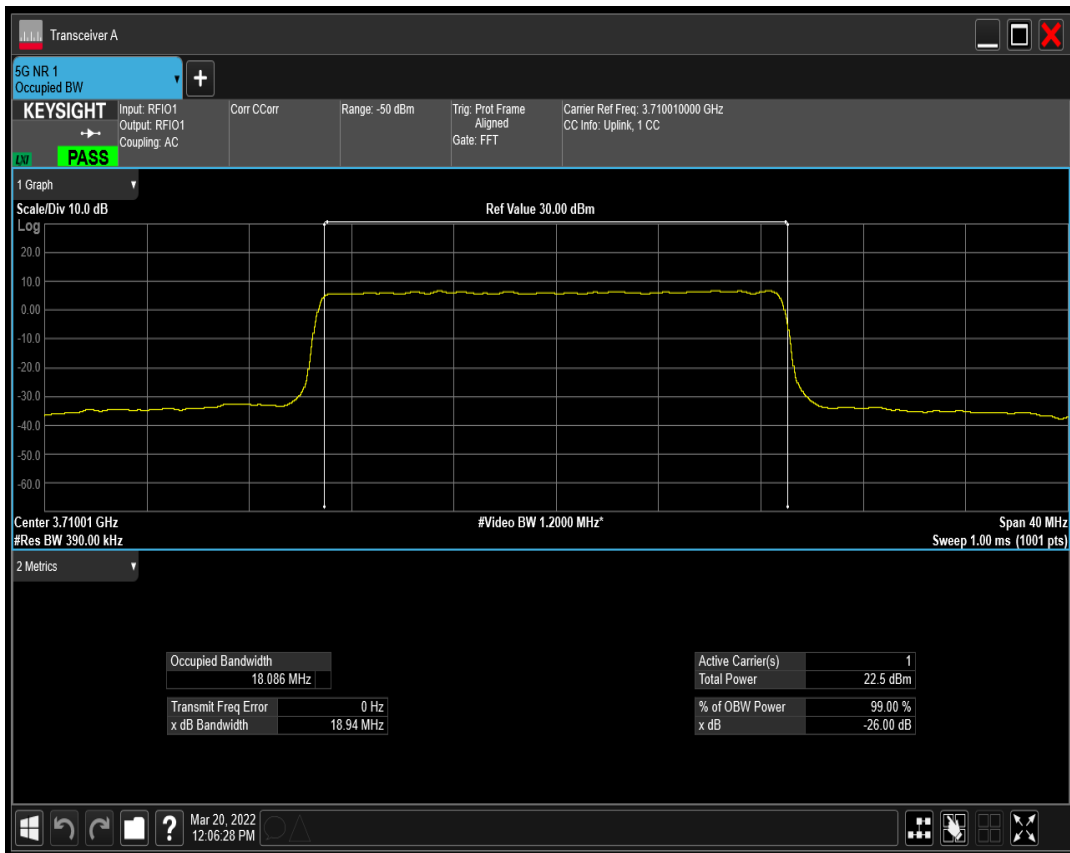
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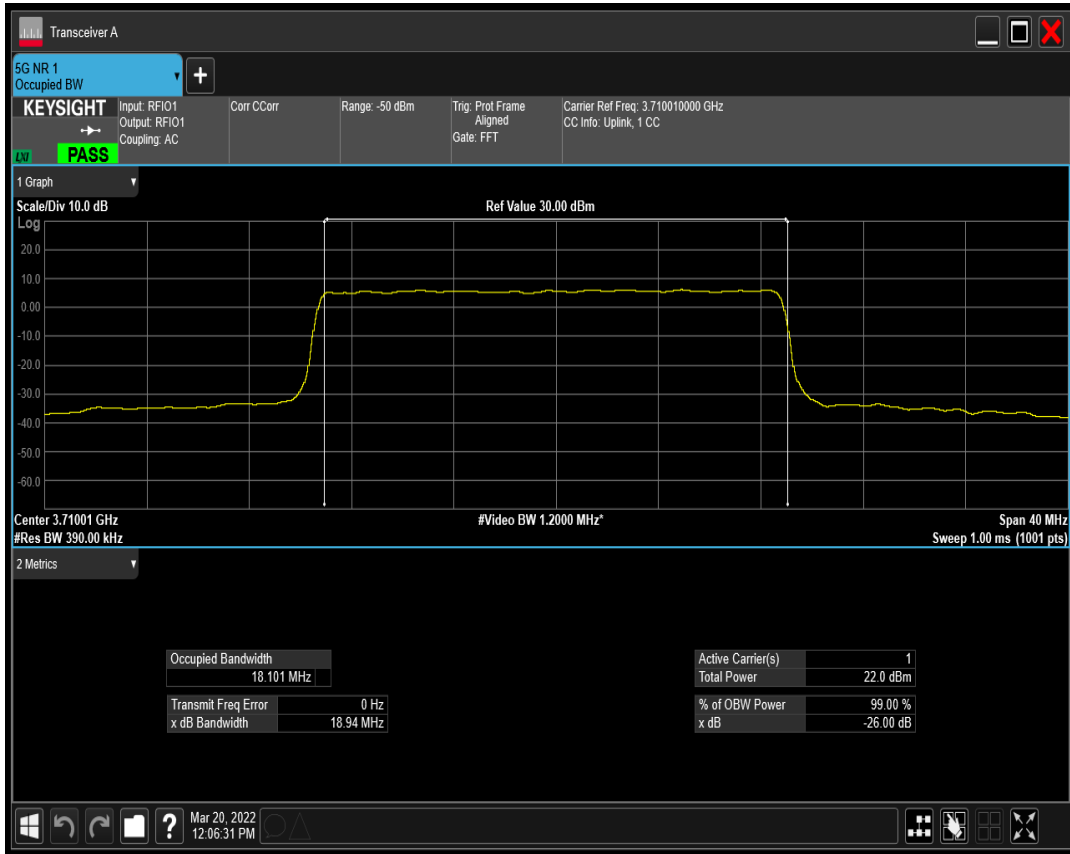
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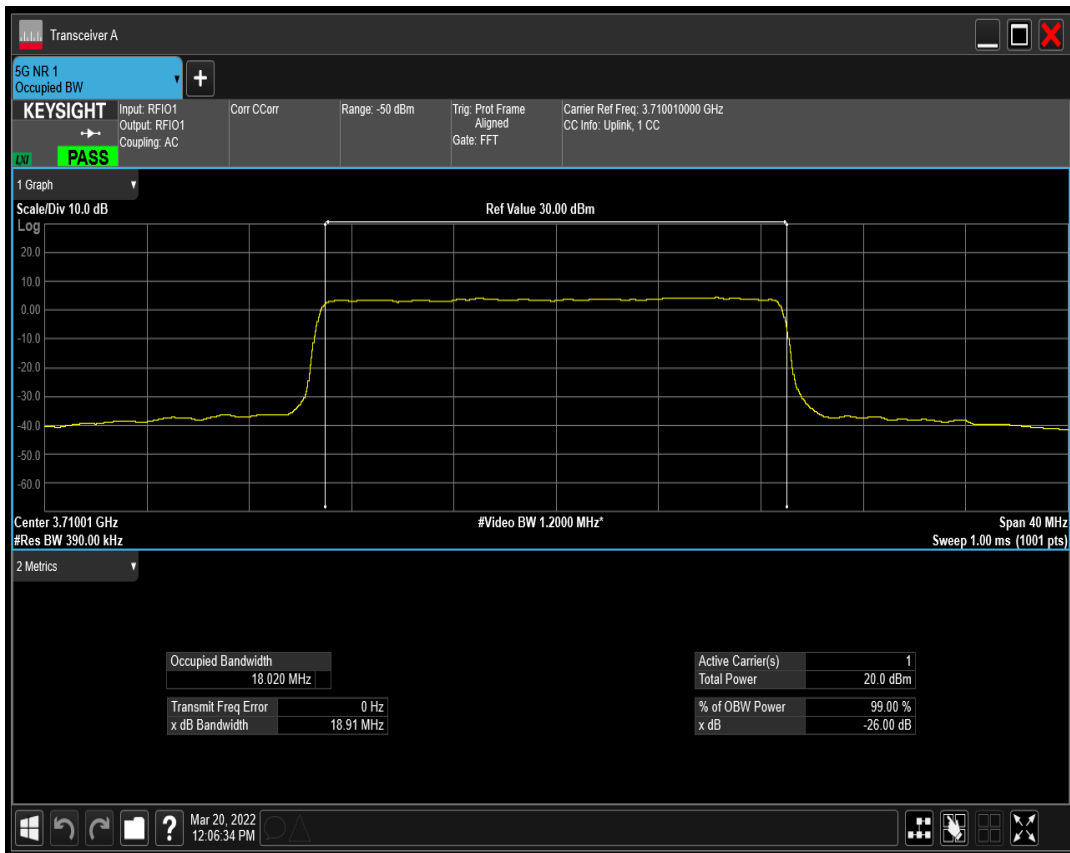
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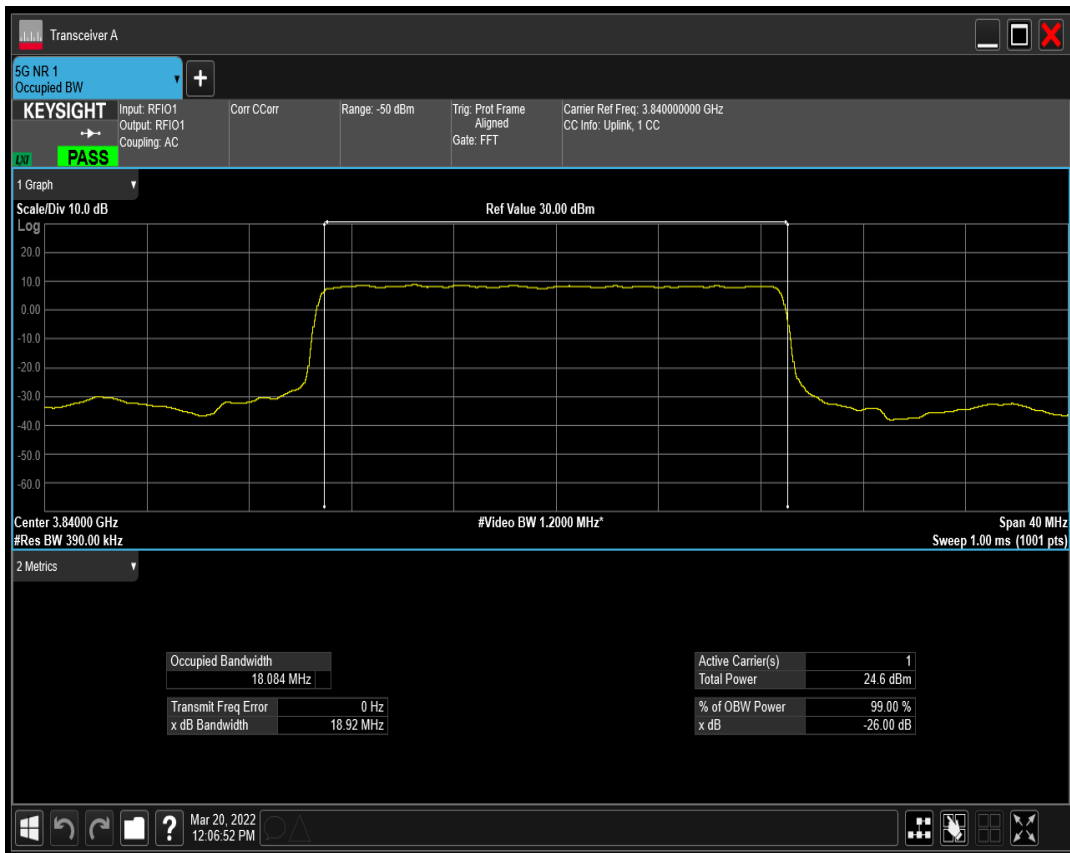
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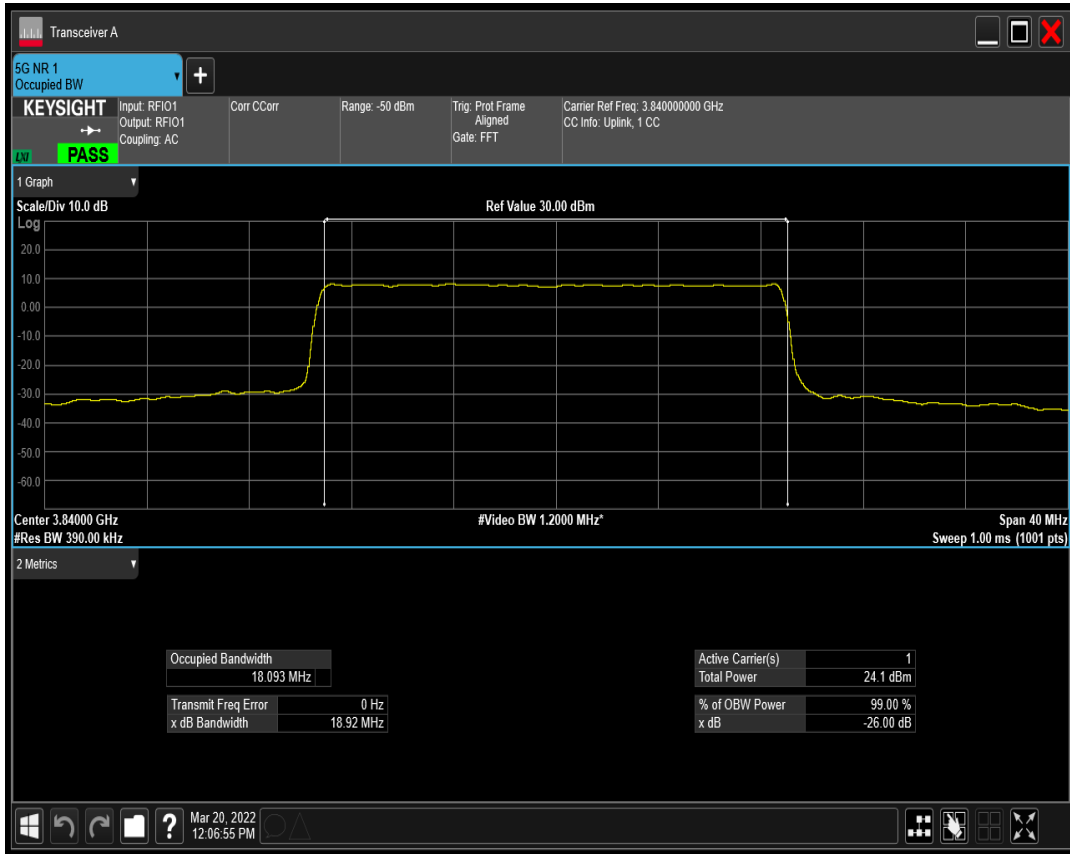
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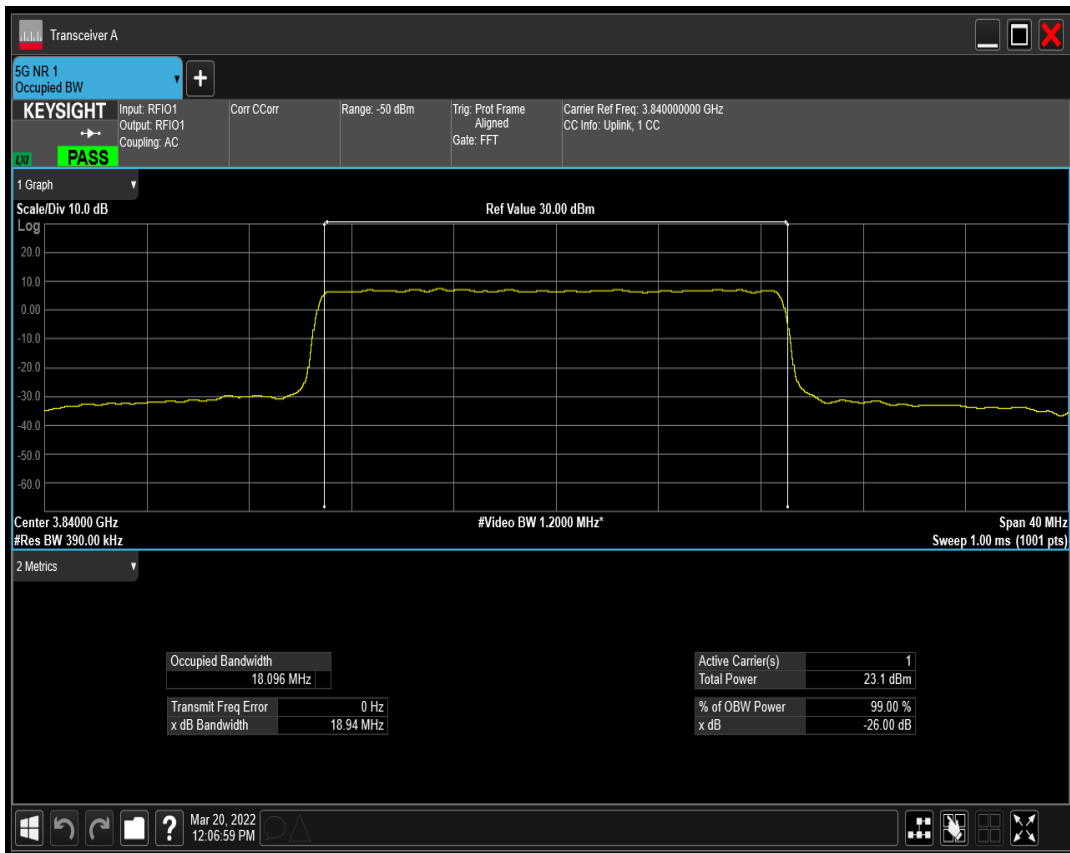
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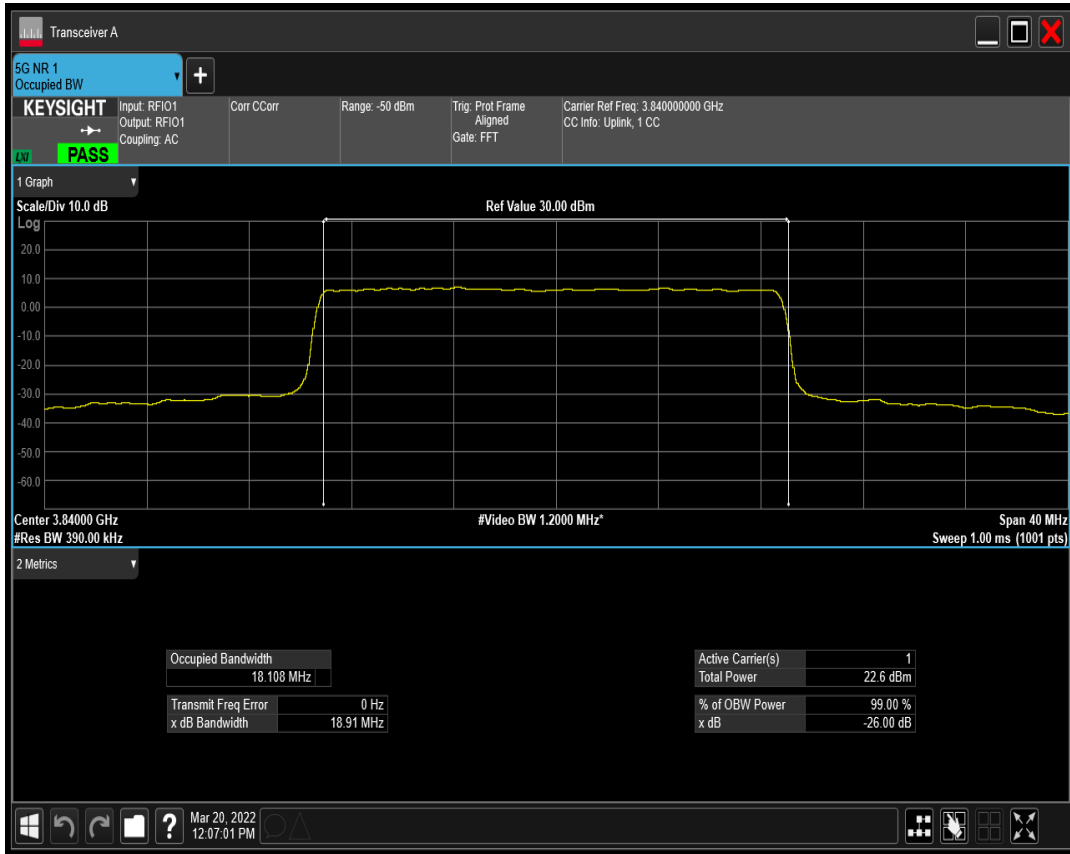
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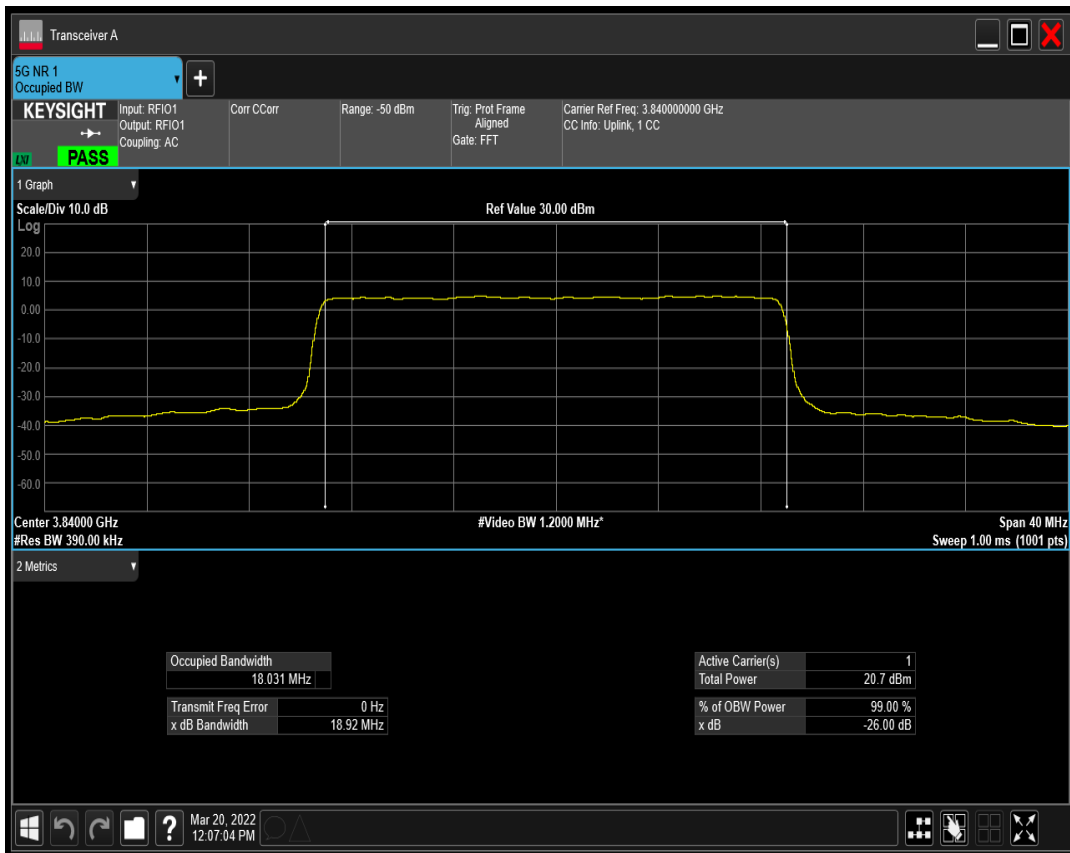
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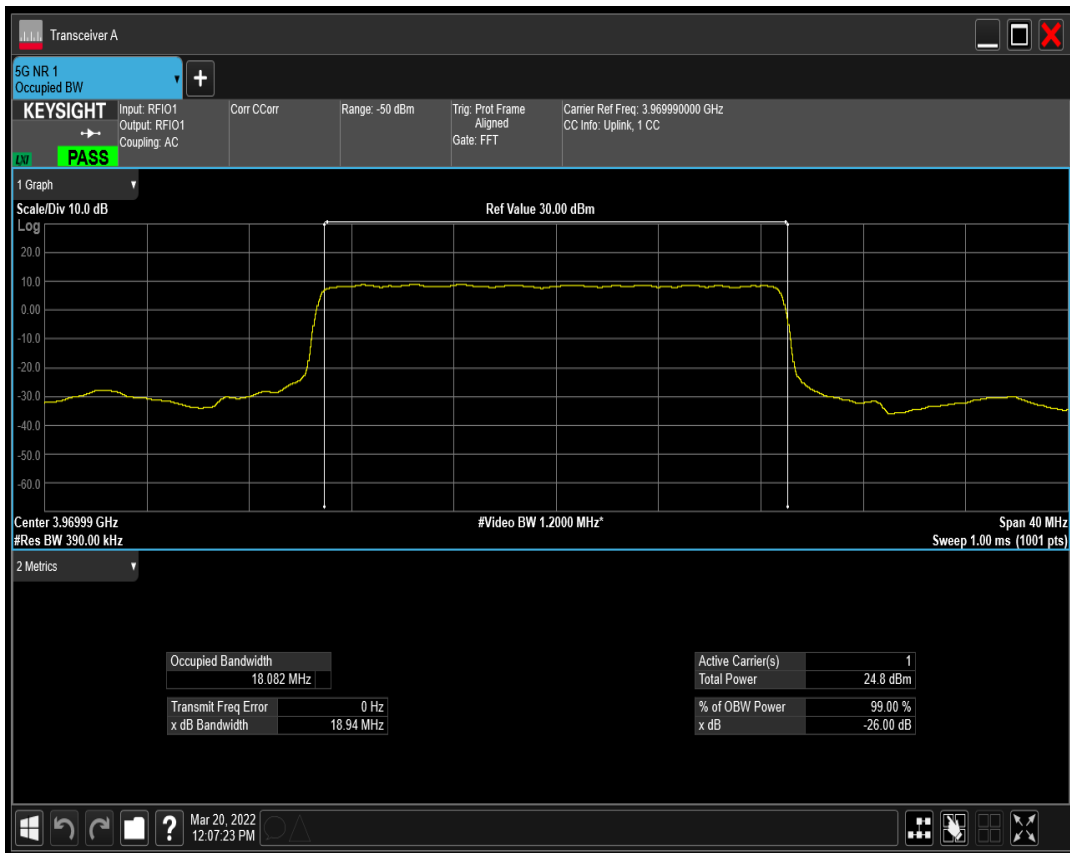
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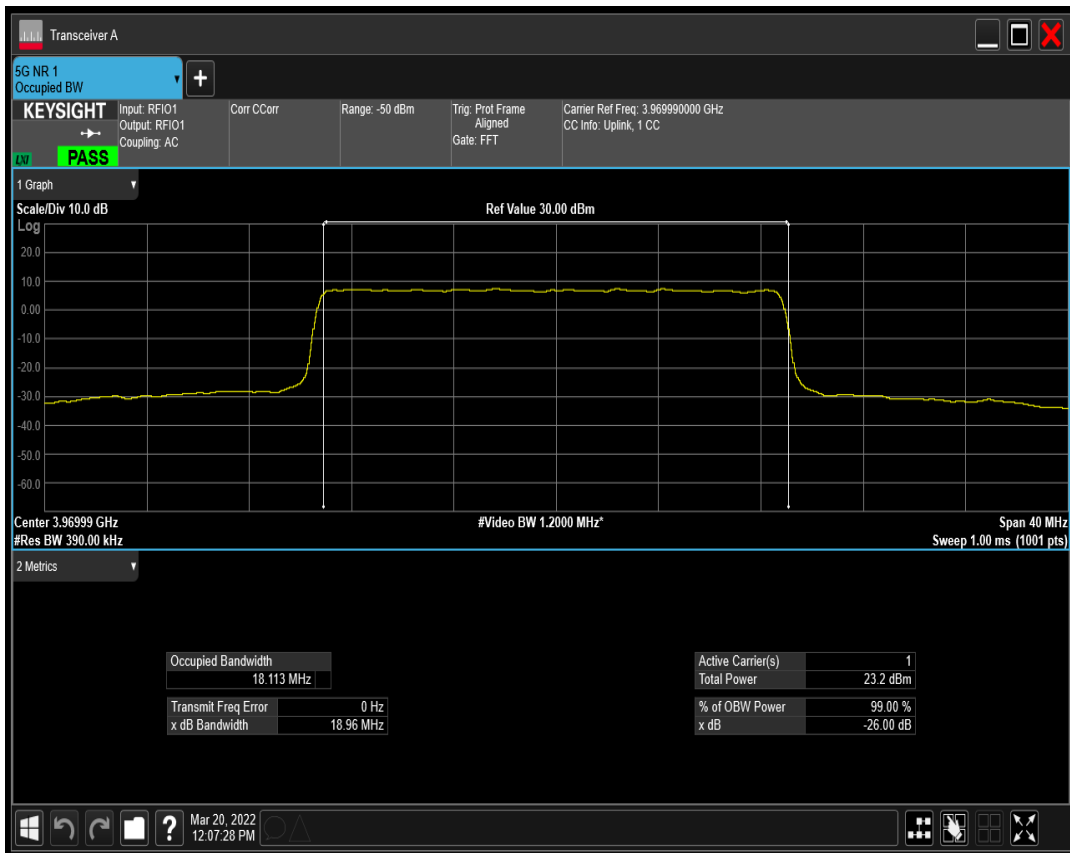
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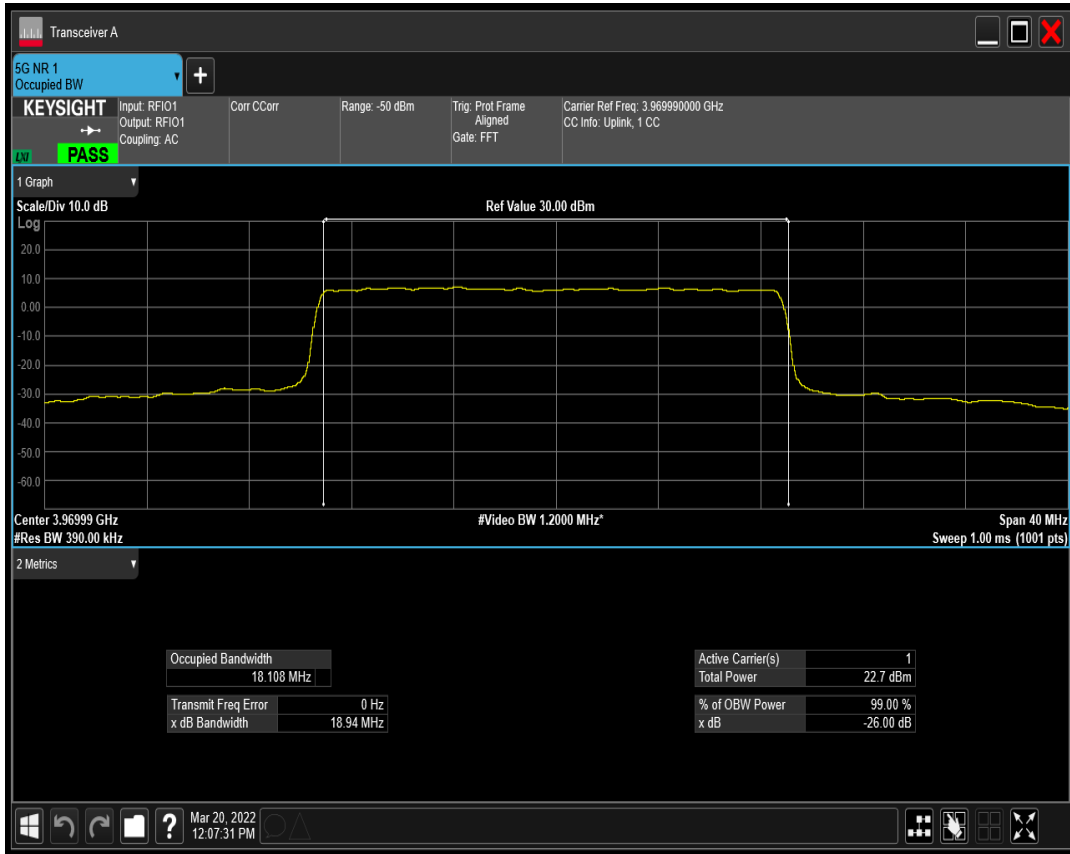
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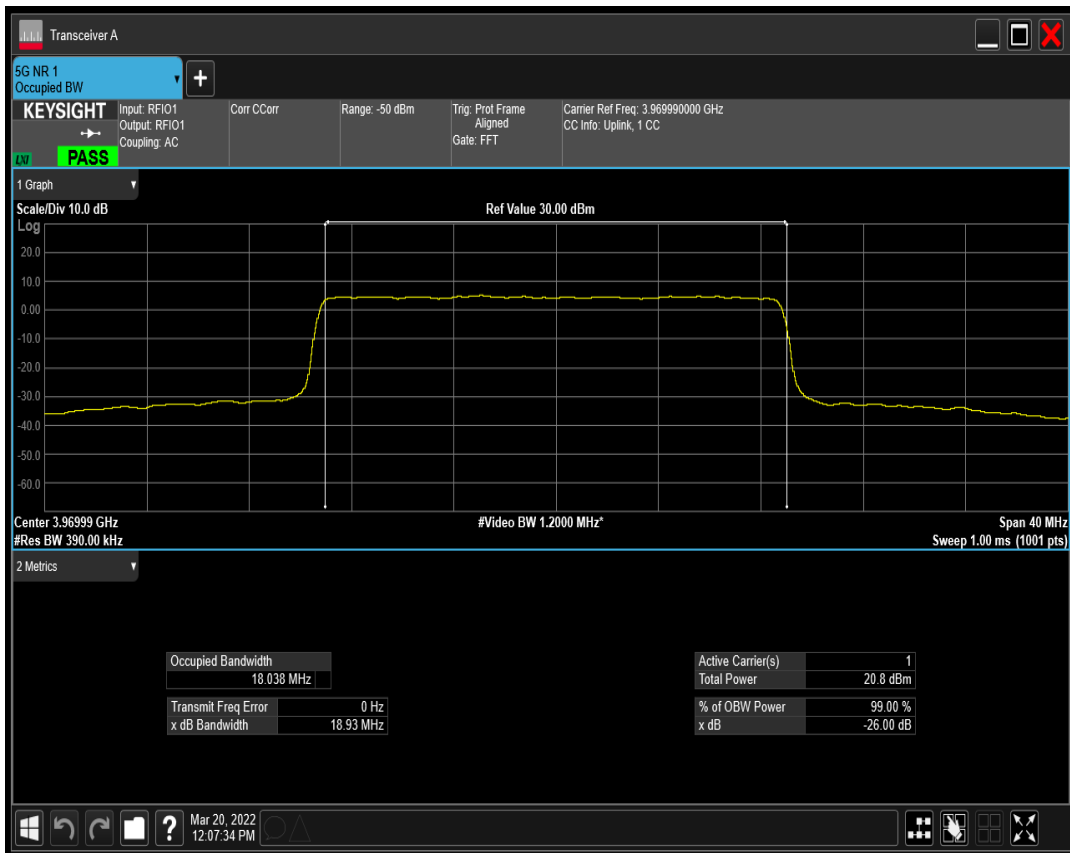
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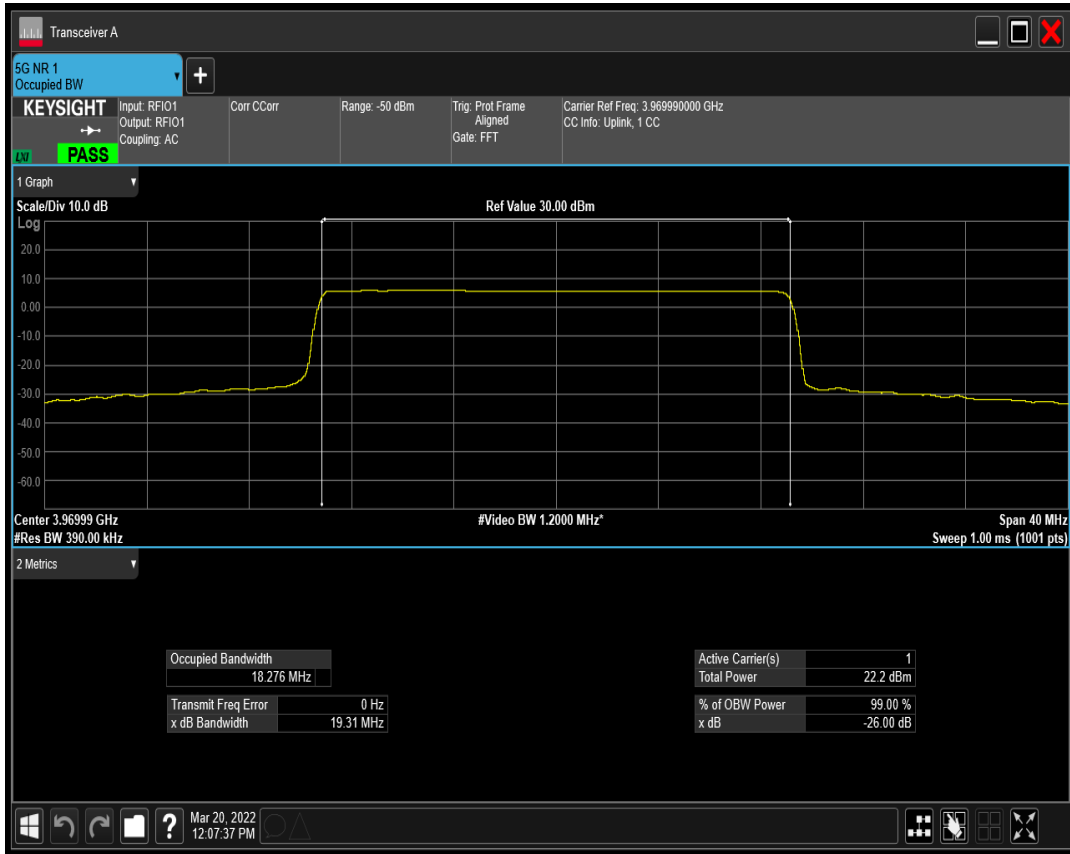
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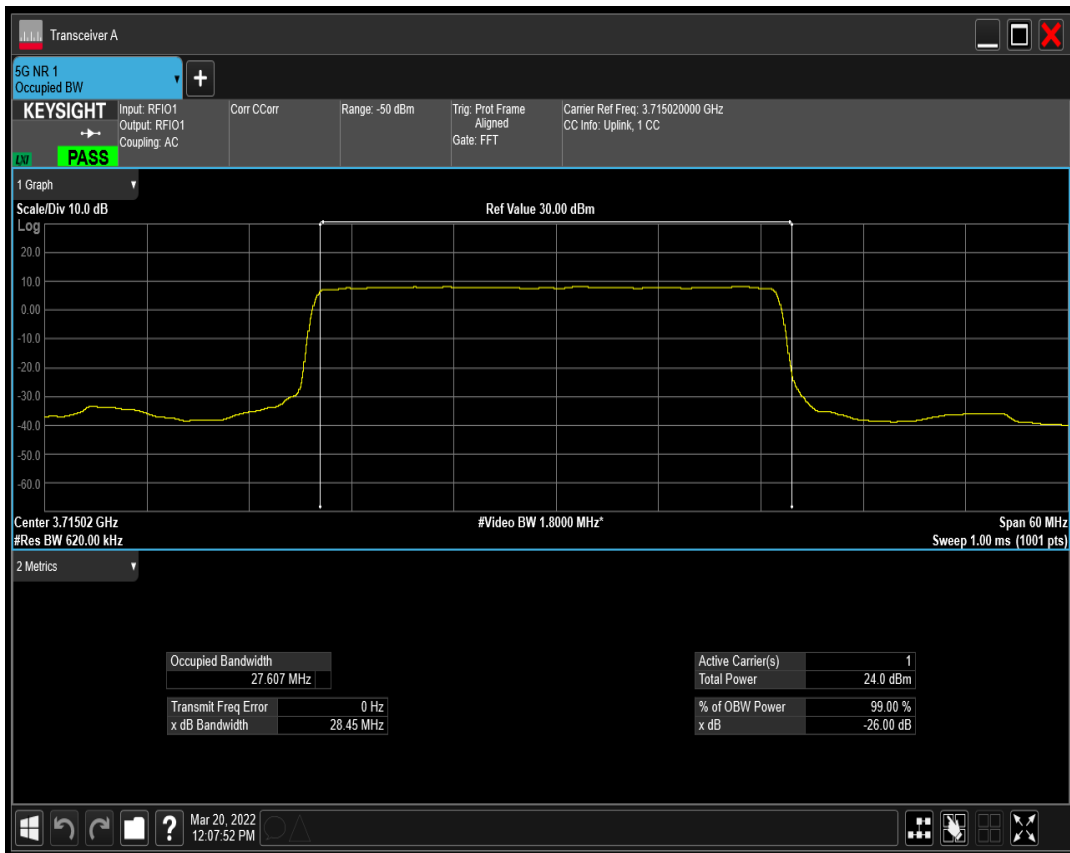
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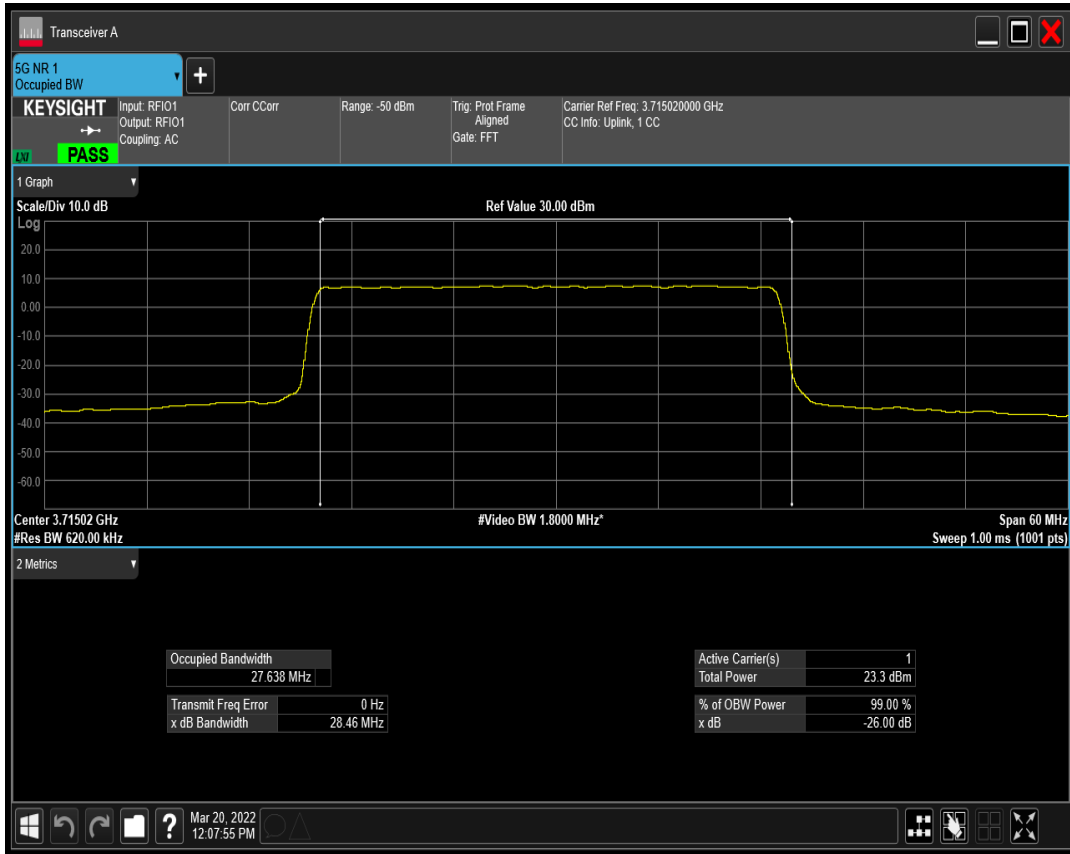
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n77(3700-3980) SCS=30kHz DFT_BPSK BW=30MHz Channel=647668 RB=75@0



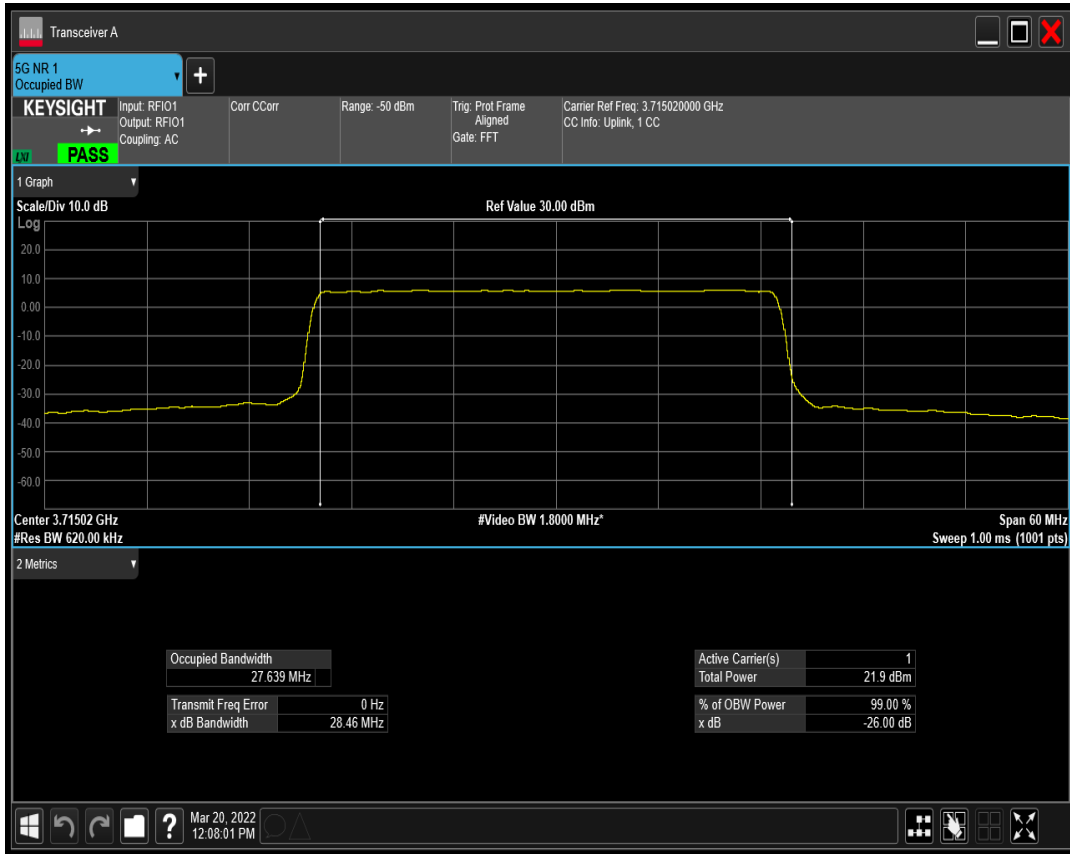
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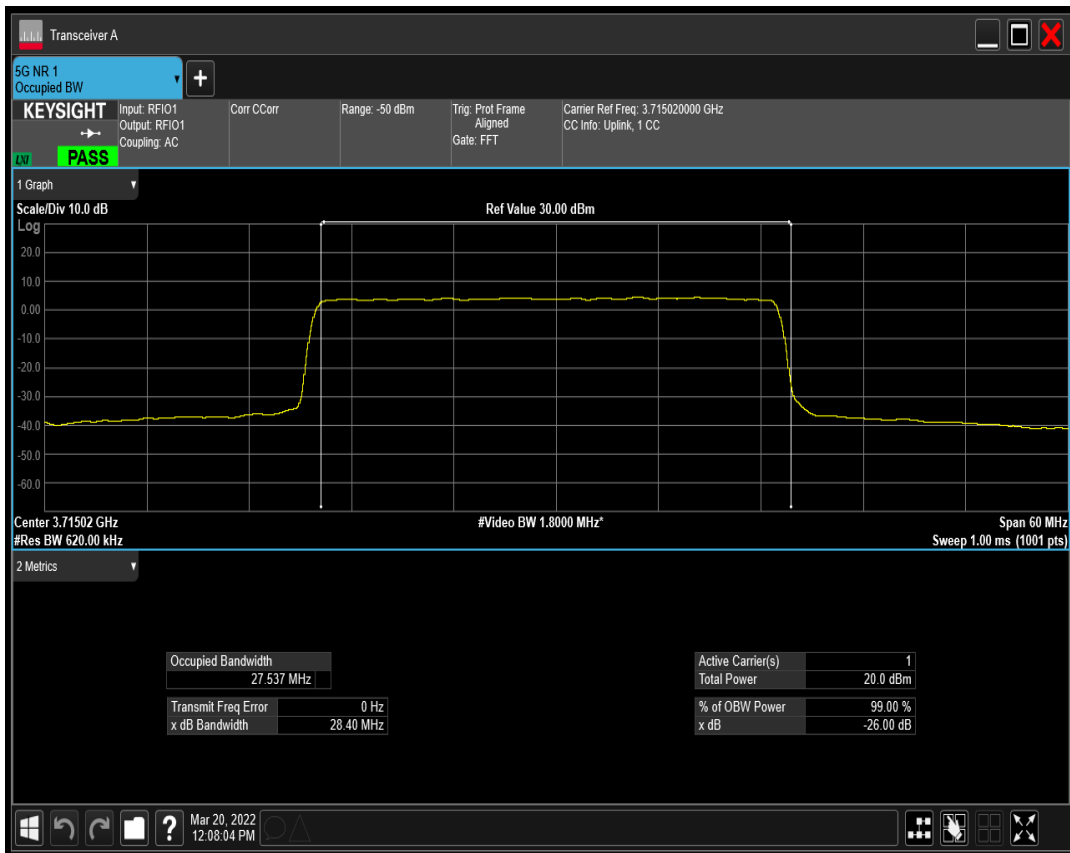
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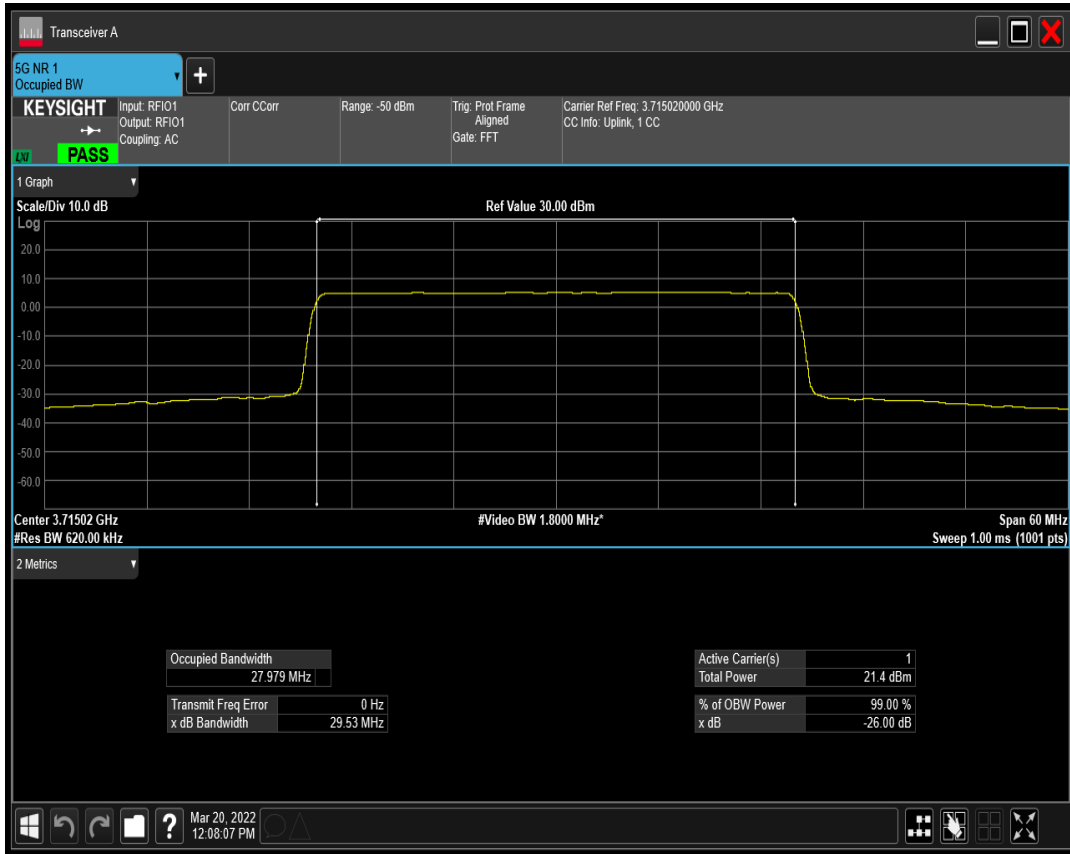
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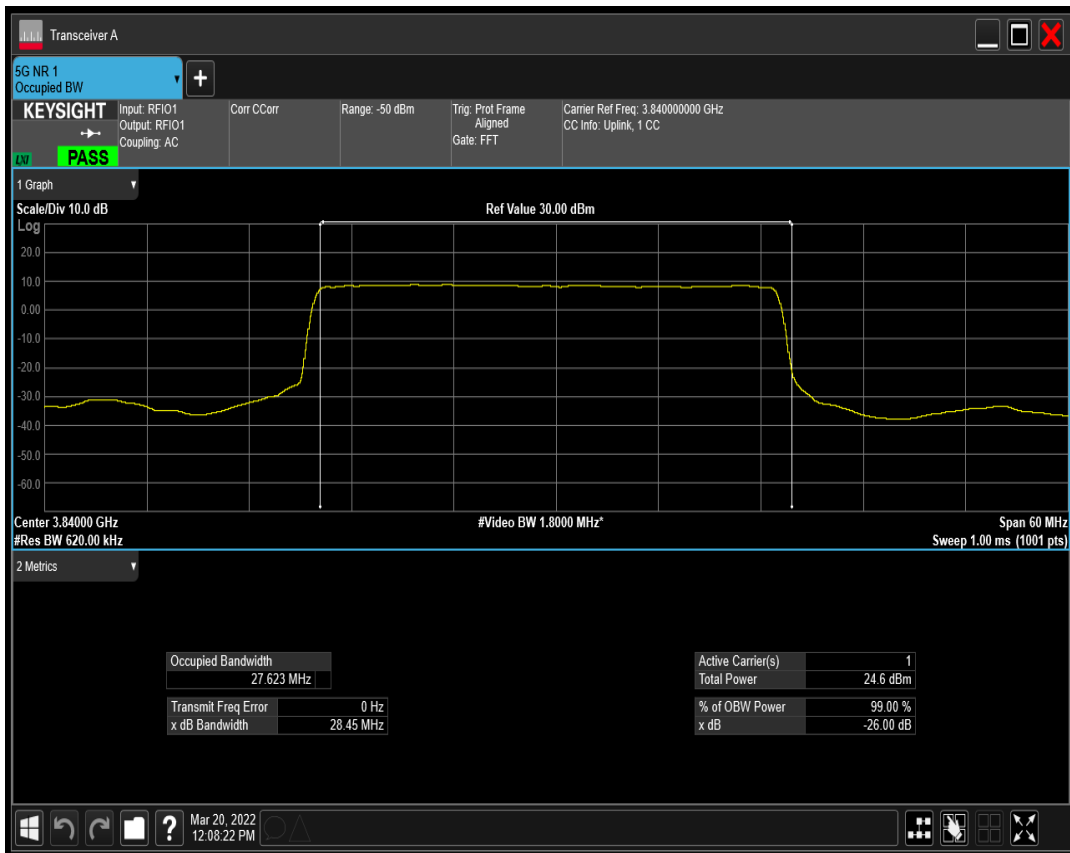
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n77(3700-3980) SCS=30kHz DFT_BPSK BW=30MHz Channel=656000 RB=75@0



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