

# 1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
n77(3700-3980)	30	10	647000	12@6	DFT_BPSK	25.85	26.05	37	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_BPSK	25.76	25.96	37	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_BPSK	25.58	25.78	37	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QPSK	25.84	26.04	37	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QPSK	25.76	25.96	37	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QPSK	25.57	25.77	37	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM16	24.80	25	37	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM16	25.10	25.3	37	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM16	24.90	25.1	37	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM64	23.36	23.56	37	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM64	23.65	23.85	37	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM64	23.52	23.72	37	PASS
n77(3700-3980)	30	10	647000	12@6	DFT_QAM256	21.48	21.68	37	PASS
n77(3700-3980)	30	10	647000	1@1	DFT_QAM256	21.91	22.11	37	PASS
n77(3700-3980)	30	10	647000	1@22	DFT_QAM256	21.78	21.98	37	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QPSK	24.21	24.41	37	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QPSK	24.21	24.41	37	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QPSK	24.13	24.33	37	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM16	23.85	24.05	37	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM16	24.08	24.28	37	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM16	23.91	24.11	37	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM64	22.36	22.56	37	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM64	22.08	22.28	37	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM64	21.92	22.12	37	PASS
n77(3700-3980)	30	10	647000	12@6	CP_QAM256	19.42	19.62	37	PASS
n77(3700-3980)	30	10	647000	1@1	CP_QAM256	19.28	19.48	37	PASS
n77(3700-3980)	30	10	647000	1@22	CP_QAM256	19.17	19.37	37	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_BPSK	26.00	26.2	37	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_BPSK	25.74	25.94	37	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_BPSK	25.98	26.18	37	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QPSK	26.02	26.22	37	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QPSK	25.62	25.82	37	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QPSK	25.89	26.09	37	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM16	25.06	25.26	37	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM16	24.98	25.18	37	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM16	25.20	25.4	37	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM64	23.53	23.73	37	PASS

n77(3700-3980)	30	10	656000	1@1	DFT_QAM64	23.32	23.52	37	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM64	23.46	23.66	37	PASS
n77(3700-3980)	30	10	656000	12@6	DFT_QAM256	21.57	21.77	37	PASS
n77(3700-3980)	30	10	656000	1@1	DFT_QAM256	21.34	21.54	37	PASS
n77(3700-3980)	30	10	656000	1@22	DFT_QAM256	21.98	22.18	37	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QPSK	24.47	24.67	37	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QPSK	24.10	24.3	37	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QPSK	24.40	24.6	37	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM16	23.96	24.16	37	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM16	23.60	23.8	37	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM16	24.27	24.47	37	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM64	22.51	22.71	37	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM64	22.33	22.53	37	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM64	22.18	22.38	37	PASS
n77(3700-3980)	30	10	656000	12@6	CP_QAM256	19.64	19.84	37	PASS
n77(3700-3980)	30	10	656000	1@1	CP_QAM256	19.48	19.68	37	PASS
n77(3700-3980)	30	10	656000	1@22	CP_QAM256	19.74	19.94	37	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_BPSK	26.15	26.35	37	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_BPSK	26.07	26.27	37	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_BPSK	26.16	26.36	37	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QPSK	26.19	26.39	37	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QPSK	25.93	26.13	37	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QPSK	25.99	26.19	37	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM16	25.23	25.43	37	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM16	25.32	25.52	37	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM16	25.31	25.51	37	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM64	23.76	23.96	37	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM64	23.48	23.68	37	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM64	23.78	23.98	37	PASS
n77(3700-3980)	30	10	665000	12@6	DFT_QAM256	21.75	21.95	37	PASS
n77(3700-3980)	30	10	665000	1@1	DFT_QAM256	22.03	22.23	37	PASS
n77(3700-3980)	30	10	665000	1@22	DFT_QAM256	22.19	22.39	37	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QPSK	24.62	24.82	37	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QPSK	24.43	24.63	37	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QPSK	24.44	24.64	37	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM16	24.17	24.37	37	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM16	24.32	24.52	37	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM16	24.33	24.53	37	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM64	22.77	22.97	37	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM64	22.59	22.79	37	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM64	22.65	22.85	37	PASS
n77(3700-3980)	30	10	665000	12@6	CP_QAM256	19.73	19.93	37	PASS
n77(3700-3980)	30	10	665000	1@1	CP_QAM256	19.90	20.1	37	PASS
n77(3700-3980)	30	10	665000	1@22	CP_QAM256	19.81	20.01	37	PASS

n77(3700-3980)	30	15	647168	18@9	DFT_BPSK	25.81	26.01	37	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_BPSK	25.85	26.05	37	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_BPSK	25.54	25.74	37	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QPSK	25.69	25.89	37	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QPSK	25.66	25.86	37	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QPSK	25.40	25.6	37	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM16	24.70	24.9	37	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM16	25.02	25.22	37	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM16	24.74	24.94	37	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM64	23.31	23.51	37	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM64	23.37	23.57	37	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM64	22.91	23.11	37	PASS
n77(3700-3980)	30	15	647168	18@9	DFT_QAM256	21.49	21.69	37	PASS
n77(3700-3980)	30	15	647168	1@1	DFT_QAM256	22.02	22.22	37	PASS
n77(3700-3980)	30	15	647168	1@36	DFT_QAM256	21.33	21.53	37	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QPSK	24.08	24.28	37	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QPSK	24.05	24.25	37	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QPSK	23.86	24.06	37	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM16	23.78	23.98	37	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM16	24.03	24.23	37	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM16	23.58	23.78	37	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM64	22.20	22.4	37	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM64	22.60	22.8	37	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM64	22.03	22.23	37	PASS
n77(3700-3980)	30	15	647168	19@9	CP_QAM256	19.40	19.6	37	PASS
n77(3700-3980)	30	15	647168	1@1	CP_QAM256	19.35	19.55	37	PASS
n77(3700-3980)	30	15	647168	1@36	CP_QAM256	19.03	19.23	37	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_BPSK	25.95	26.15	37	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_BPSK	25.69	25.89	37	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_BPSK	25.93	26.13	37	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QPSK	25.95	26.15	37	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QPSK	25.43	25.63	37	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QPSK	25.81	26.01	37	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM16	24.99	25.19	37	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM16	24.81	25.01	37	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM16	25.09	25.29	37	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM64	23.48	23.68	37	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM64	23.10	23.3	37	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM64	23.49	23.69	37	PASS
n77(3700-3980)	30	15	656000	18@9	DFT_QAM256	21.44	21.64	37	PASS
n77(3700-3980)	30	15	656000	1@1	DFT_QAM256	21.40	21.6	37	PASS
n77(3700-3980)	30	15	656000	1@36	DFT_QAM256	21.82	22.02	37	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QPSK	24.35	24.55	37	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QPSK	23.99	24.19	37	PASS

n77(3700-3980)	30	15	656000	1@36	CP_QPSK	24.39	24.59	37	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM16	24.01	24.21	37	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM16	23.80	24	37	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM16	24.22	24.42	37	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM64	22.53	22.73	37	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM64	22.26	22.46	37	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM64	22.64	22.84	37	PASS
n77(3700-3980)	30	15	656000	19@9	CP_QAM256	19.57	19.77	37	PASS
n77(3700-3980)	30	15	656000	1@1	CP_QAM256	19.11	19.31	37	PASS
n77(3700-3980)	30	15	656000	1@36	CP_QAM256	19.74	19.94	37	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_BPSK	26.11	26.31	37	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_BPSK	26.01	26.21	37	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_BPSK	26.12	26.32	37	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QPSK	26.05	26.25	37	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QPSK	26.04	26.24	37	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QPSK	26.10	26.3	37	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM16	25.03	25.23	37	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM16	25.28	25.48	37	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM16	25.31	25.51	37	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM64	23.70	23.9	37	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM64	23.56	23.76	37	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM64	23.68	23.88	37	PASS
n77(3700-3980)	30	15	664832	18@9	DFT_QAM256	21.65	21.85	37	PASS
n77(3700-3980)	30	15	664832	1@1	DFT_QAM256	22.12	22.32	37	PASS
n77(3700-3980)	30	15	664832	1@36	DFT_QAM256	22.10	22.3	37	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QPSK	24.53	24.73	37	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QPSK	24.41	24.61	37	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QPSK	24.36	24.56	37	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM16	24.18	24.38	37	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM16	23.94	24.14	37	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM16	24.54	24.74	37	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM64	22.60	22.8	37	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM64	22.78	22.98	37	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM64	22.61	22.81	37	PASS
n77(3700-3980)	30	15	664832	19@9	CP_QAM256	19.83	20.03	37	PASS
n77(3700-3980)	30	15	664832	1@1	CP_QAM256	19.65	19.85	37	PASS
n77(3700-3980)	30	15	664832	1@36	CP_QAM256	19.72	19.92	37	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_BPSK	25.75	25.95	37	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_BPSK	25.68	25.88	37	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_BPSK	25.29	25.49	37	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QPSK	25.67	25.87	37	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QPSK	25.74	25.94	37	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QPSK	25.37	25.57	37	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM16	24.75	24.95	37	PASS

n77(3700-3980)	30	20	647334	1@1	DFT_QAM16	24.59	24.79	37	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM16	24.08	24.28	37	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM64	23.20	23.4	37	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM64	23.07	23.27	37	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM64	22.72	22.92	37	PASS
n77(3700-3980)	30	20	647334	25@12	DFT_QAM256	21.33	21.53	37	PASS
n77(3700-3980)	30	20	647334	1@1	DFT_QAM256	22.07	22.27	37	PASS
n77(3700-3980)	30	20	647334	1@49	DFT_QAM256	21.66	21.86	37	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QPSK	24.12	24.32	37	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QPSK	23.98	24.18	37	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QPSK	23.57	23.77	37	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM16	23.65	23.85	37	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM16	24.10	24.3	37	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM16	23.75	23.95	37	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM64	22.22	22.42	37	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM64	22.53	22.73	37	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM64	22.16	22.36	37	PASS
n77(3700-3980)	30	20	647334	25@12	CP_QAM256	19.26	19.46	37	PASS
n77(3700-3980)	30	20	647334	1@1	CP_QAM256	19.41	19.61	37	PASS
n77(3700-3980)	30	20	647334	1@49	CP_QAM256	19.01	19.21	37	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_BPSK	26.02	26.22	37	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_BPSK	25.44	25.64	37	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_BPSK	25.99	26.19	37	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QPSK	26.03	26.23	37	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QPSK	25.37	25.57	37	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QPSK	25.91	26.11	37	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM16	25.00	25.2	37	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM16	24.30	24.5	37	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM16	24.79	24.99	37	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM64	23.58	23.78	37	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM64	22.93	23.13	37	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM64	23.40	23.6	37	PASS
n77(3700-3980)	30	20	656000	25@12	DFT_QAM256	21.46	21.66	37	PASS
n77(3700-3980)	30	20	656000	1@1	DFT_QAM256	21.11	21.31	37	PASS
n77(3700-3980)	30	20	656000	1@49	DFT_QAM256	21.55	21.75	37	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QPSK	24.53	24.73	37	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QPSK	23.88	24.08	37	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QPSK	24.28	24.48	37	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM16	23.93	24.13	37	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM16	23.29	23.49	37	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM16	24.35	24.55	37	PASS
n77(3700-3980)	30	20	656000	25@12	CP_QAM64	22.50	22.7	37	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM64	22.40	22.6	37	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM64	22.71	22.91	37	PASS

n77(3700-3980)	30	20	656000	25@12	CP_QAM256	19.55	19.75	37	PASS
n77(3700-3980)	30	20	656000	1@1	CP_QAM256	19.15	19.35	37	PASS
n77(3700-3980)	30	20	656000	1@49	CP_QAM256	19.63	19.83	37	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_BPSK	26.18	26.38	37	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_BPSK	25.91	26.11	37	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_BPSK	25.95	26.15	37	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QPSK	26.17	26.37	37	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QPSK	25.87	26.07	37	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QPSK	25.94	26.14	37	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM16	25.22	25.42	37	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM16	25.24	25.44	37	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM16	25.27	25.47	37	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM64	23.67	23.87	37	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM64	23.64	23.84	37	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM64	23.64	23.84	37	PASS
n77(3700-3980)	30	20	664666	25@12	DFT_QAM256	21.63	21.83	37	PASS
n77(3700-3980)	30	20	664666	1@1	DFT_QAM256	22.03	22.23	37	PASS
n77(3700-3980)	30	20	664666	1@49	DFT_QAM256	22.01	22.21	37	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QPSK	24.61	24.81	37	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QPSK	24.37	24.57	37	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QPSK	24.38	24.58	37	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM16	24.14	24.34	37	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM16	24.31	24.51	37	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM16	24.27	24.47	37	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM64	22.72	22.92	37	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM64	22.76	22.96	37	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM64	22.48	22.68	37	PASS
n77(3700-3980)	30	20	664666	25@12	CP_QAM256	19.80	20	37	PASS
n77(3700-3980)	30	20	664666	1@1	CP_QAM256	19.79	19.99	37	PASS
n77(3700-3980)	30	20	664666	1@49	CP_QAM256	19.72	19.92	37	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_BPSK	25.55	25.75	37	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_BPSK	25.42	25.62	37	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_BPSK	25.15	25.35	37	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QPSK	25.57	25.77	37	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QPSK	25.39	25.59	37	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QPSK	24.97	25.17	37	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM16	24.56	24.76	37	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM16	24.90	25.1	37	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM16	24.29	24.49	37	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM64	23.10	23.3	37	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM64	22.97	23.17	37	PASS
n77(3700-3980)	30	30	647668	1@76	DFT_QAM64	22.69	22.89	37	PASS
n77(3700-3980)	30	30	647668	36@18	DFT_QAM256	21.13	21.33	37	PASS
n77(3700-3980)	30	30	647668	1@1	DFT_QAM256	21.75	21.95	37	PASS

n77(3700-3980)	30	30	647668	1@76	DFT_QAM256	20.89	21.09	37	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QPSK	24.02	24.22	37	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QPSK	23.84	24.04	37	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QPSK	23.47	23.67	37	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM16	23.43	23.63	37	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM16	23.76	23.96	37	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM16	23.36	23.56	37	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM64	21.92	22.12	37	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM64	22.50	22.7	37	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM64	22.15	22.35	37	PASS
n77(3700-3980)	30	30	647668	39@19	CP_QAM256	19.14	19.34	37	PASS
n77(3700-3980)	30	30	647668	1@1	CP_QAM256	19.22	19.42	37	PASS
n77(3700-3980)	30	30	647668	1@76	CP_QAM256	18.90	19.1	37	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_BPSK	25.93	26.13	37	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_BPSK	25.24	25.44	37	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_BPSK	25.80	26	37	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QPSK	25.98	26.18	37	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QPSK	25.19	25.39	37	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QPSK	25.66	25.86	37	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM16	24.95	25.15	37	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM16	24.45	24.65	37	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM16	24.98	25.18	37	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM64	23.45	23.65	37	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM64	22.75	22.95	37	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM64	23.46	23.66	37	PASS
n77(3700-3980)	30	30	656000	36@18	DFT_QAM256	21.42	21.62	37	PASS
n77(3700-3980)	30	30	656000	1@1	DFT_QAM256	21.11	21.31	37	PASS
n77(3700-3980)	30	30	656000	1@76	DFT_QAM256	21.66	21.86	37	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QPSK	24.43	24.63	37	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QPSK	23.74	23.94	37	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QPSK	24.30	24.5	37	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM16	23.88	24.08	37	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM16	23.11	23.31	37	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM16	24.18	24.38	37	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM64	22.37	22.57	37	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM64	22.01	22.21	37	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM64	22.45	22.65	37	PASS
n77(3700-3980)	30	30	656000	39@19	CP_QAM256	19.65	19.85	37	PASS
n77(3700-3980)	30	30	656000	1@1	CP_QAM256	18.97	19.17	37	PASS
n77(3700-3980)	30	30	656000	1@76	CP_QAM256	19.56	19.76	37	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_BPSK	26.14	26.34	37	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_BPSK	25.93	26.13	37	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_BPSK	25.96	26.16	37	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QPSK	26.15	26.35	37	PASS

n77(3700-3980)	30	30	664332	1@1	DFT_QPSK	25.83	26.03	37	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QPSK	25.81	26.01	37	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM16	25.20	25.4	37	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM16	25.14	25.34	37	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM16	25.00	25.2	37	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM64	23.69	23.89	37	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM64	23.45	23.65	37	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM64	23.54	23.74	37	PASS
n77(3700-3980)	30	30	664332	36@18	DFT_QAM256	21.73	21.93	37	PASS
n77(3700-3980)	30	30	664332	1@1	DFT_QAM256	21.86	22.06	37	PASS
n77(3700-3980)	30	30	664332	1@76	DFT_QAM256	21.61	21.81	37	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QPSK	24.67	24.87	37	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QPSK	24.31	24.51	37	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QPSK	24.29	24.49	37	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM16	24.09	24.29	37	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM16	24.08	24.28	37	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM16	23.80	24	37	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM64	22.58	22.78	37	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM64	22.65	22.85	37	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM64	22.59	22.79	37	PASS
n77(3700-3980)	30	30	664332	39@19	CP_QAM256	19.82	20.02	37	PASS
n77(3700-3980)	30	30	664332	1@1	CP_QAM256	19.64	19.84	37	PASS
n77(3700-3980)	30	30	664332	1@76	CP_QAM256	19.60	19.8	37	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_BPSK	25.51	25.71	37	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_BPSK	25.36	25.56	37	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_BPSK	24.88	25.08	37	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QPSK	25.47	25.67	37	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QPSK	25.31	25.51	37	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QPSK	24.78	24.98	37	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM16	24.49	24.69	37	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM16	24.53	24.73	37	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM16	24.14	24.34	37	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM64	23.00	23.2	37	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM64	22.99	23.19	37	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM64	22.51	22.71	37	PASS
n77(3700-3980)	30	40	648000	50@25	DFT_QAM256	21.12	21.32	37	PASS
n77(3700-3980)	30	40	648000	1@1	DFT_QAM256	21.13	21.33	37	PASS
n77(3700-3980)	30	40	648000	1@104	DFT_QAM256	20.94	21.14	37	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QPSK	23.97	24.17	37	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QPSK	23.84	24.04	37	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QPSK	23.27	23.47	37	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM16	23.48	23.68	37	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM16	23.77	23.97	37	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM16	22.87	23.07	37	PASS



n77(3700-3980)	30	40	648000	53@26	CP_QAM64	21.97	22.17	37	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM64	22.20	22.4	37	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM64	21.80	22	37	PASS
n77(3700-3980)	30	40	648000	53@26	CP_QAM256	19.12	19.32	37	PASS
n77(3700-3980)	30	40	648000	1@1	CP_QAM256	19.04	19.24	37	PASS
n77(3700-3980)	30	40	648000	1@104	CP_QAM256	18.32	18.52	37	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_BPSK	25.92	26.12	37	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_BPSK	24.90	25.1	37	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_BPSK	25.57	25.77	37	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QPSK	25.89	26.09	37	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QPSK	24.82	25.02	37	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QPSK	25.53	25.73	37	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM16	24.87	25.07	37	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM16	24.14	24.34	37	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM16	24.81	25.01	37	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM64	23.39	23.59	37	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM64	22.55	22.75	37	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM64	23.07	23.27	37	PASS
n77(3700-3980)	30	40	656000	50@25	DFT_QAM256	21.38	21.58	37	PASS
n77(3700-3980)	30	40	656000	1@1	DFT_QAM256	21.14	21.34	37	PASS
n77(3700-3980)	30	40	656000	1@104	DFT_QAM256	21.72	21.92	37	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QPSK	24.41	24.61	37	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QPSK	23.34	23.54	37	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QPSK	23.82	24.02	37	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM16	23.91	24.11	37	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM16	23.27	23.47	37	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM16	24.00	24.2	37	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM64	22.43	22.63	37	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM64	21.56	21.76	37	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM64	22.22	22.42	37	PASS
n77(3700-3980)	30	40	656000	53@26	CP_QAM256	19.50	19.7	37	PASS
n77(3700-3980)	30	40	656000	1@1	CP_QAM256	18.64	18.84	37	PASS
n77(3700-3980)	30	40	656000	1@104	CP_QAM256	19.14	19.34	37	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_BPSK	26.15	26.35	37	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_BPSK	25.46	25.66	37	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_BPSK	25.72	25.92	37	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QPSK	26.19	26.39	37	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QPSK	25.27	25.47	37	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QPSK	25.68	25.88	37	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM16	25.20	25.4	37	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM16	24.65	24.85	37	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM16	24.95	25.15	37	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM64	23.66	23.86	37	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM64	23.02	23.22	37	PASS

n77(3700-3980)	30	40	664000	1@104	DFT_QAM64	23.35	23.55	37	PASS
n77(3700-3980)	30	40	664000	50@25	DFT_QAM256	21.69	21.89	37	PASS
n77(3700-3980)	30	40	664000	1@1	DFT_QAM256	21.35	21.55	37	PASS
n77(3700-3980)	30	40	664000	1@104	DFT_QAM256	22.00	22.2	37	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QPSK	24.65	24.85	37	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QPSK	23.82	24.02	37	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QPSK	24.02	24.22	37	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM16	24.11	24.31	37	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM16	23.38	23.58	37	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM16	24.14	24.34	37	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM64	22.72	22.92	37	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM64	22.49	22.69	37	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM64	22.70	22.9	37	PASS
n77(3700-3980)	30	40	664000	53@26	CP_QAM256	19.84	20.04	37	PASS
n77(3700-3980)	30	40	664000	1@1	CP_QAM256	19.09	19.29	37	PASS
n77(3700-3980)	30	40	664000	1@104	CP_QAM256	19.56	19.76	37	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_BPSK	25.49	25.69	37	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_BPSK	25.62	25.82	37	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_BPSK	25.09	25.29	37	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QPSK	25.46	25.66	37	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QPSK	25.48	25.68	37	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QPSK	24.95	25.15	37	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM16	24.49	24.69	37	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM16	24.47	24.67	37	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM16	24.28	24.48	37	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM64	22.92	23.12	37	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM64	23.15	23.35	37	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM64	22.66	22.86	37	PASS
n77(3700-3980)	30	50	648334	64@32	DFT_QAM256	21.14	21.34	37	PASS
n77(3700-3980)	30	50	648334	1@1	DFT_QAM256	21.84	22.04	37	PASS
n77(3700-3980)	30	50	648334	1@131	DFT_QAM256	21.28	21.48	37	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QPSK	23.95	24.15	37	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QPSK	23.90	24.1	37	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QPSK	23.41	23.61	37	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM16	23.48	23.68	37	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM16	24.00	24.2	37	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM16	23.43	23.63	37	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM64	21.85	22.05	37	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM64	22.30	22.5	37	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM64	21.77	21.97	37	PASS
n77(3700-3980)	30	50	648334	67@33	CP_QAM256	19.00	19.2	37	PASS
n77(3700-3980)	30	50	648334	1@1	CP_QAM256	19.36	19.56	37	PASS
n77(3700-3980)	30	50	648334	1@131	CP_QAM256	18.67	18.87	37	PASS

n77(3700-3980)	30	50	656000	64@32	DFT_BPSK	25.92	26.12	37	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_BPSK	25.21	25.41	37	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_BPSK	25.79	25.99	37	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QPSK	25.95	26.15	37	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QPSK	25.09	25.29	37	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QPSK	25.66	25.86	37	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM16	24.93	25.13	37	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM16	24.43	24.63	37	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM16	24.99	25.19	37	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM64	23.36	23.56	37	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM64	23.03	23.23	37	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM64	23.53	23.73	37	PASS
n77(3700-3980)	30	50	656000	64@32	DFT_QAM256	21.38	21.58	37	PASS
n77(3700-3980)	30	50	656000	1@1	DFT_QAM256	20.74	20.94	37	PASS
n77(3700-3980)	30	50	656000	1@131	DFT_QAM256	21.59	21.79	37	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QPSK	24.41	24.61	37	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QPSK	23.61	23.81	37	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QPSK	24.15	24.35	37	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM16	23.95	24.15	37	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM16	22.98	23.18	37	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM16	23.55	23.75	37	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM64	22.32	22.52	37	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM64	21.92	22.12	37	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM64	22.08	22.28	37	PASS
n77(3700-3980)	30	50	656000	67@33	CP_QAM256	19.48	19.68	37	PASS
n77(3700-3980)	30	50	656000	1@1	CP_QAM256	18.98	19.18	37	PASS
n77(3700-3980)	30	50	656000	1@131	CP_QAM256	19.23	19.43	37	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_BPSK	26.07	26.27	37	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_BPSK	25.74	25.94	37	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_BPSK	25.91	26.11	37	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QPSK	26.14	26.34	37	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QPSK	25.57	25.77	37	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QPSK	25.84	26.04	37	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM16	25.12	25.32	37	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM16	24.55	24.75	37	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM16	24.80	25	37	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM64	23.66	23.86	37	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM64	23.28	23.48	37	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM64	23.39	23.59	37	PASS
n77(3700-3980)	30	50	663666	64@32	DFT_QAM256	21.65	21.85	37	PASS
n77(3700-3980)	30	50	663666	1@1	DFT_QAM256	21.82	22.02	37	PASS
n77(3700-3980)	30	50	663666	1@131	DFT_QAM256	22.07	22.27	37	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QPSK	24.63	24.83	37	PASS

n77(3700-3980)	30	50	663666	1@1	CP_QPSK	24.19	24.39	37	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QPSK	24.28	24.48	37	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM16	24.12	24.32	37	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM16	23.55	23.75	37	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM16	23.81	24.01	37	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM64	22.52	22.72	37	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM64	22.60	22.8	37	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM64	22.80	23	37	PASS
n77(3700-3980)	30	50	663666	67@33	CP_QAM256	19.79	19.99	37	PASS
n77(3700-3980)	30	50	663666	1@1	CP_QAM256	19.50	19.7	37	PASS
n77(3700-3980)	30	50	663666	1@131	CP_QAM256	19.71	19.91	37	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_BPSK	25.39	25.59	37	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_BPSK	25.42	25.62	37	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_BPSK	24.81	25.01	37	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QPSK	25.38	25.58	37	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QPSK	25.31	25.51	37	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QPSK	24.71	24.91	37	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM16	24.45	24.65	37	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM16	24.51	24.71	37	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM16	23.97	24.17	37	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM64	22.92	23.12	37	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM64	23.05	23.25	37	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM64	22.40	22.6	37	PASS
n77(3700-3980)	30	60	648668	81@40	DFT_QAM256	21.05	21.25	37	PASS
n77(3700-3980)	30	60	648668	1@1	DFT_QAM256	21.63	21.83	37	PASS
n77(3700-3980)	30	60	648668	1@160	DFT_QAM256	20.98	21.18	37	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QPSK	23.97	24.17	37	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QPSK	23.80	24	37	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QPSK	23.21	23.41	37	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM16	23.38	23.58	37	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM16	23.59	23.79	37	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM16	22.95	23.15	37	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM64	21.97	22.17	37	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM64	22.20	22.4	37	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM64	21.55	21.75	37	PASS
n77(3700-3980)	30	60	648668	81@40	CP_QAM256	19.03	19.23	37	PASS
n77(3700-3980)	30	60	648668	1@1	CP_QAM256	18.99	19.19	37	PASS
n77(3700-3980)	30	60	648668	1@160	CP_QAM256	18.37	18.57	37	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_BPSK	25.92	26.12	37	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_BPSK	25.13	25.33	37	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_BPSK	25.63	25.83	37	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QPSK	25.85	26.05	37	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QPSK	24.89	25.09	37	PASS

n77(3700-3980)	30	60	656000	1@160	DFT_QPSK	25.52	25.72	37	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM16	24.98	25.18	37	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM16	24.29	24.49	37	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM16	24.86	25.06	37	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM64	23.44	23.64	37	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM64	22.70	22.9	37	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM64	23.19	23.39	37	PASS
n77(3700-3980)	30	60	656000	81@40	DFT_QAM256	21.38	21.58	37	PASS
n77(3700-3980)	30	60	656000	1@1	DFT_QAM256	20.96	21.16	37	PASS
n77(3700-3980)	30	60	656000	1@160	DFT_QAM256	21.17	21.37	37	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QPSK	24.37	24.57	37	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QPSK	23.56	23.76	37	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QPSK	24.11	24.31	37	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM16	23.82	24.02	37	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM16	22.96	23.16	37	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM16	24.20	24.4	37	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM64	22.36	22.56	37	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM64	21.85	22.05	37	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM64	22.32	22.52	37	PASS
n77(3700-3980)	30	60	656000	81@40	CP_QAM256	19.46	19.66	37	PASS
n77(3700-3980)	30	60	656000	1@1	CP_QAM256	18.56	18.76	37	PASS
n77(3700-3980)	30	60	656000	1@160	CP_QAM256	19.15	19.35	37	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_BPSK	26.11	26.31	37	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_BPSK	25.66	25.86	37	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_BPSK	25.79	25.99	37	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QPSK	26.10	26.3	37	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QPSK	25.48	25.68	37	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QPSK	25.66	25.86	37	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM16	25.09	25.29	37	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM16	24.90	25.1	37	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM16	25.01	25.21	37	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM64	23.57	23.77	37	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM64	23.21	23.41	37	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM64	23.32	23.52	37	PASS
n77(3700-3980)	30	60	663332	81@40	DFT_QAM256	21.63	21.83	37	PASS
n77(3700-3980)	30	60	663332	1@1	DFT_QAM256	21.41	21.61	37	PASS
n77(3700-3980)	30	60	663332	1@160	DFT_QAM256	21.41	21.61	37	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QPSK	24.54	24.74	37	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QPSK	24.12	24.32	37	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QPSK	24.23	24.43	37	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM16	23.98	24.18	37	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM16	23.88	24.08	37	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM16	23.71	23.91	37	PASS

n77(3700-3980)	30	60	663332	81@40	CP_QAM64	22.61	22.81	37	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM64	22.33	22.53	37	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM64	22.40	22.6	37	PASS
n77(3700-3980)	30	60	663332	81@40	CP_QAM256	19.71	19.91	37	PASS
n77(3700-3980)	30	60	663332	1@1	CP_QAM256	19.46	19.66	37	PASS
n77(3700-3980)	30	60	663332	1@160	CP_QAM256	19.51	19.71	37	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_BPSK	25.35	25.55	37	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_BPSK	25.27	25.47	37	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_BPSK	24.60	24.8	37	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QPSK	25.38	25.58	37	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QPSK	25.36	25.56	37	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QPSK	24.85	25.05	37	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM16	24.43	24.63	37	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM16	24.11	24.31	37	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM16	23.43	23.63	37	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM64	22.91	23.11	37	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM64	22.76	22.96	37	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM64	22.12	22.32	37	PASS
n77(3700-3980)	30	80	649334	108@54	DFT_QAM256	21.05	21.25	37	PASS
n77(3700-3980)	30	80	649334	1@1	DFT_QAM256	21.45	21.65	37	PASS
n77(3700-3980)	30	80	649334	1@215	DFT_QAM256	20.40	20.6	37	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QPSK	23.80	24	37	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QPSK	23.58	23.78	37	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QPSK	22.83	23.03	37	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM16	23.29	23.49	37	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM16	23.61	23.81	37	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM16	23.01	23.21	37	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM64	21.88	22.08	37	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM64	21.84	22.04	37	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM64	21.25	21.45	37	PASS
n77(3700-3980)	30	80	649334	109@54	CP_QAM256	18.99	19.19	37	PASS
n77(3700-3980)	30	80	649334	1@1	CP_QAM256	18.70	18.9	37	PASS
n77(3700-3980)	30	80	649334	1@215	CP_QAM256	18.13	18.33	37	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_BPSK	25.90	26.1	37	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_BPSK	24.70	24.9	37	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_BPSK	25.67	25.87	37	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QPSK	25.87	26.07	37	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QPSK	24.69	24.89	37	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QPSK	25.50	25.7	37	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM16	24.98	25.18	37	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM16	24.09	24.29	37	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM16	24.86	25.06	37	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM64	23.50	23.7	37	PASS

n77(3700-3980)	30	80	656000	1@1	DFT_QAM64	22.06	22.26	37	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM64	23.05	23.25	37	PASS
n77(3700-3980)	30	80	656000	108@54	DFT_QAM256	21.34	21.54	37	PASS
n77(3700-3980)	30	80	656000	1@1	DFT_QAM256	20.80	21	37	PASS
n77(3700-3980)	30	80	656000	1@215	DFT_QAM256	21.57	21.77	37	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QPSK	24.28	24.48	37	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QPSK	23.17	23.37	37	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QPSK	24.06	24.26	37	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM16	23.86	24.06	37	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM16	23.08	23.28	37	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM16	23.47	23.67	37	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM64	22.36	22.56	37	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM64	21.24	21.44	37	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM64	22.43	22.63	37	PASS
n77(3700-3980)	30	80	656000	109@54	CP_QAM256	19.54	19.74	37	PASS
n77(3700-3980)	30	80	656000	1@1	CP_QAM256	18.59	18.79	37	PASS
n77(3700-3980)	30	80	656000	1@215	CP_QAM256	19.52	19.72	37	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_BPSK	26.08	26.28	37	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_BPSK	25.23	25.43	37	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_BPSK	25.56	25.76	37	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QPSK	26.08	26.28	37	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QPSK	25.27	25.47	37	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QPSK	25.51	25.71	37	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM16	25.10	25.3	37	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM16	24.12	24.32	37	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM16	24.38	24.58	37	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM64	23.65	23.85	37	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM64	22.68	22.88	37	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM64	23.09	23.29	37	PASS
n77(3700-3980)	30	80	662666	108@54	DFT_QAM256	21.54	21.74	37	PASS
n77(3700-3980)	30	80	662666	1@1	DFT_QAM256	20.77	20.97	37	PASS
n77(3700-3980)	30	80	662666	1@215	DFT_QAM256	21.38	21.58	37	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QPSK	24.44	24.64	37	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QPSK	23.59	23.79	37	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QPSK	23.93	24.13	37	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM16	23.99	24.19	37	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM16	23.12	23.32	37	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM16	24.01	24.21	37	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM64	22.48	22.68	37	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM64	21.70	21.9	37	PASS
n77(3700-3980)	30	80	662666	1@215	CP_QAM64	22.08	22.28	37	PASS
n77(3700-3980)	30	80	662666	109@54	CP_QAM256	19.65	19.85	37	PASS
n77(3700-3980)	30	80	662666	1@1	CP_QAM256	18.80	19	37	PASS

n77(3700-3980)	30	80	662666	1@215	CP_QAM256	19.19	19.39	37	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_BPSK	25.26	25.46	37	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_BPSK	24.98	25.18	37	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_BPSK	24.41	24.61	37	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QPSK	25.32	25.52	37	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QPSK	25.01	25.21	37	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QPSK	24.29	24.49	37	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM16	24.36	24.56	37	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM16	24.44	24.64	37	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM16	23.79	23.99	37	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM64	22.78	22.98	37	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM64	22.85	23.05	37	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM64	22.20	22.4	37	PASS
n77(3700-3980)	30	90	649668	120@60	DFT_QAM256	20.94	21.14	37	PASS
n77(3700-3980)	30	90	649668	1@1	DFT_QAM256	21.24	21.44	37	PASS
n77(3700-3980)	30	90	649668	1@243	DFT_QAM256	19.98	20.18	37	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QPSK	23.70	23.9	37	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QPSK	23.54	23.74	37	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QPSK	22.80	23	37	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM16	23.29	23.49	37	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM16	23.27	23.47	37	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM16	22.59	22.79	37	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM64	21.72	21.92	37	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM64	21.33	21.53	37	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM64	20.74	20.94	37	PASS
n77(3700-3980)	30	90	649668	123@61	CP_QAM256	18.80	19	37	PASS
n77(3700-3980)	30	90	649668	1@1	CP_QAM256	18.58	18.78	37	PASS
n77(3700-3980)	30	90	649668	1@243	CP_QAM256	18.01	18.21	37	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_BPSK	25.87	26.07	37	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_BPSK	24.55	24.75	37	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_BPSK	25.46	25.66	37	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QPSK	25.82	26.02	37	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QPSK	24.47	24.67	37	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QPSK	25.29	25.49	37	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM16	24.92	25.12	37	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM16	23.79	23.99	37	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM16	24.84	25.04	37	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM64	23.42	23.62	37	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM64	21.84	22.04	37	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM64	22.81	23.01	37	PASS
n77(3700-3980)	30	90	656000	120@60	DFT_QAM256	21.27	21.47	37	PASS
n77(3700-3980)	30	90	656000	1@1	DFT_QAM256	20.10	20.3	37	PASS
n77(3700-3980)	30	90	656000	1@243	DFT_QAM256	21.43	21.63	37	PASS



n77(3700-3980)	30	90	656000	123@61	CP_QPSK	24.26	24.46	37	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QPSK	22.91	23.11	37	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QPSK	23.82	24.02	37	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM16	23.78	23.98	37	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM16	22.81	23.01	37	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM16	23.34	23.54	37	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM64	22.35	22.55	37	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM64	21.44	21.64	37	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM64	22.06	22.26	37	PASS
n77(3700-3980)	30	90	656000	123@61	CP_QAM256	19.48	19.68	37	PASS
n77(3700-3980)	30	90	656000	1@1	CP_QAM256	18.30	18.5	37	PASS
n77(3700-3980)	30	90	656000	1@243	CP_QAM256	19.22	19.42	37	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_BPSK	25.98	26.18	37	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_BPSK	25.27	25.47	37	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_BPSK	25.42	25.62	37	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QPSK	26.03	26.23	37	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QPSK	25.18	25.38	37	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QPSK	25.25	25.45	37	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM16	25.00	25.2	37	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM16	24.65	24.85	37	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM16	24.82	25.02	37	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM64	23.51	23.71	37	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM64	22.70	22.9	37	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM64	23.01	23.21	37	PASS
n77(3700-3980)	30	90	662332	120@60	DFT_QAM256	21.48	21.68	37	PASS
n77(3700-3980)	30	90	662332	1@1	DFT_QAM256	20.79	20.99	37	PASS
n77(3700-3980)	30	90	662332	1@243	DFT_QAM256	21.40	21.6	37	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QPSK	24.42	24.62	37	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QPSK	23.77	23.97	37	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QPSK	23.79	23.99	37	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM16	24.01	24.21	37	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM16	23.55	23.75	37	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM16	23.72	23.92	37	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM64	22.42	22.62	37	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM64	21.94	22.14	37	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM64	22.00	22.2	37	PASS
n77(3700-3980)	30	90	662332	123@61	CP_QAM256	19.59	19.79	37	PASS
n77(3700-3980)	30	90	662332	1@1	CP_QAM256	19.02	19.22	37	PASS
n77(3700-3980)	30	90	662332	1@243	CP_QAM256	19.42	19.62	37	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_BPSK	25.29	25.49	37	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_BPSK	24.86	25.06	37	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_BPSK	24.36	24.56	37	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QPSK	25.20	25.4	37	PASS

n77(3700-3980)	30	100	650000	1@1	DFT_QPSK	24.70	24.9	37	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QPSK	24.26	24.46	37	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM16	24.28	24.48	37	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM16	24.24	24.44	37	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM16	23.74	23.94	37	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM64	22.77	22.97	37	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM64	22.64	22.84	37	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM64	22.20	22.4	37	PASS
n77(3700-3980)	30	100	650000	135@67	DFT_QAM256	20.92	21.12	37	PASS
n77(3700-3980)	30	100	650000	1@1	DFT_QAM256	21.09	21.29	37	PASS
n77(3700-3980)	30	100	650000	1@271	DFT_QAM256	20.28	20.48	37	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QPSK	23.88	24.08	37	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QPSK	23.27	23.47	37	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QPSK	22.72	22.92	37	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM16	23.31	23.51	37	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM16	23.06	23.26	37	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM16	22.70	22.9	37	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM64	21.73	21.93	37	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM64	21.18	21.38	37	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM64	20.76	20.96	37	PASS
n77(3700-3980)	30	100	650000	137@68	CP_QAM256	18.92	19.12	37	PASS
n77(3700-3980)	30	100	650000	1@1	CP_QAM256	18.42	18.62	37	PASS
n77(3700-3980)	30	100	650000	1@271	CP_QAM256	17.99	18.19	37	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	25.85	26.05	37	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_BPSK	24.27	24.47	37	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_BPSK	25.15	25.35	37	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	25.84	26.04	37	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QPSK	24.09	24.29	37	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QPSK	25.08	25.28	37	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM16	24.81	25.01	37	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM16	23.38	23.58	37	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM16	24.46	24.66	37	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM64	23.38	23.58	37	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM64	21.73	21.93	37	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM64	22.70	22.9	37	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QAM256	21.32	21.52	37	PASS
n77(3700-3980)	30	100	656000	1@1	DFT_QAM256	20.02	20.22	37	PASS
n77(3700-3980)	30	100	656000	1@271	DFT_QAM256	20.95	21.15	37	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QPSK	24.30	24.5	37	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QPSK	22.73	22.93	37	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QPSK	23.63	23.83	37	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM16	23.82	24.02	37	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM16	22.47	22.67	37	PASS

n77(3700-3980)	30	100	656000	1@271	CP_QAM16	23.45	23.65	37	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM64	22.37	22.57	37	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM64	20.85	21.05	37	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM64	21.73	21.93	37	PASS
n77(3700-3980)	30	100	656000	137@68	CP_QAM256	19.52	19.72	37	PASS
n77(3700-3980)	30	100	656000	1@1	CP_QAM256	17.91	18.11	37	PASS
n77(3700-3980)	30	100	656000	1@271	CP_QAM256	18.79	18.99	37	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_BPSK	25.91	26.11	37	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_BPSK	25.36	25.56	37	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_BPSK	25.17	25.37	37	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QPSK	25.94	26.14	37	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QPSK	25.11	25.31	37	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QPSK	25.11	25.31	37	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM16	25.04	25.24	37	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM16	24.68	24.88	37	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM16	24.54	24.74	37	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM64	23.53	23.73	37	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM64	22.86	23.06	37	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM64	22.69	22.89	37	PASS
n77(3700-3980)	30	100	662000	135@67	DFT_QAM256	21.51	21.71	37	PASS
n77(3700-3980)	30	100	662000	1@1	DFT_QAM256	20.73	20.93	37	PASS
n77(3700-3980)	30	100	662000	1@271	DFT_QAM256	20.75	20.95	37	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QPSK	24.49	24.69	37	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QPSK	23.65	23.85	37	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QPSK	23.77	23.97	37	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM16	23.96	24.16	37	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM16	23.60	23.8	37	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM16	23.06	23.26	37	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM64	22.54	22.74	37	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM64	22.11	22.31	37	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM64	22.15	22.35	37	PASS
n77(3700-3980)	30	100	662000	137@68	CP_QAM256	19.61	19.81	37	PASS
n77(3700-3980)	30	100	662000	1@1	CP_QAM256	19.17	19.37	37	PASS
n77(3700-3980)	30	100	662000	1@271	CP_QAM256	19.13	19.33	37	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	-21.96	-0.01	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	3.45	-14.51	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	4.40	-22.60	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	3.85	-17.81	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	3.45	-19.43	-0.01		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	4.40	-17.92	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	-3.67	0.00	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	-20	-6.81	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	-10	-3.75	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	0	-3.03	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	10	-4.12	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	20	-1.92	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	30	-4.47	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	40	-3.81	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_BPSK	50	-4.18	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-30	-1.47	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-20	-4.90	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	-10	-6.34	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	0	-3.76	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	10	-3.21	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	20	-3.56	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	30	-3.67	0.00		PASS
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	40	-6.81	0.00	PASS	
n77(3700-3980)	30	100	656000	135@67	DFT_QPSK	50	-3.75	0.00	PASS	

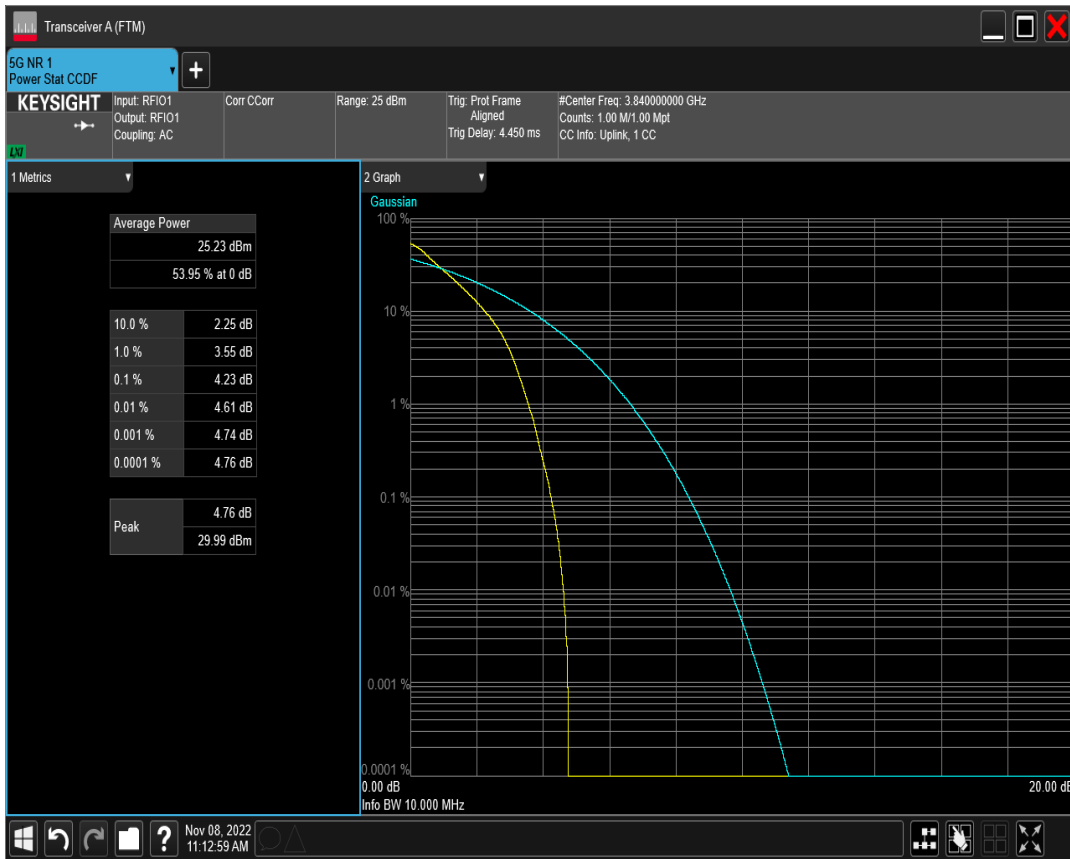
Note: Only the worst case shown in the report.

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

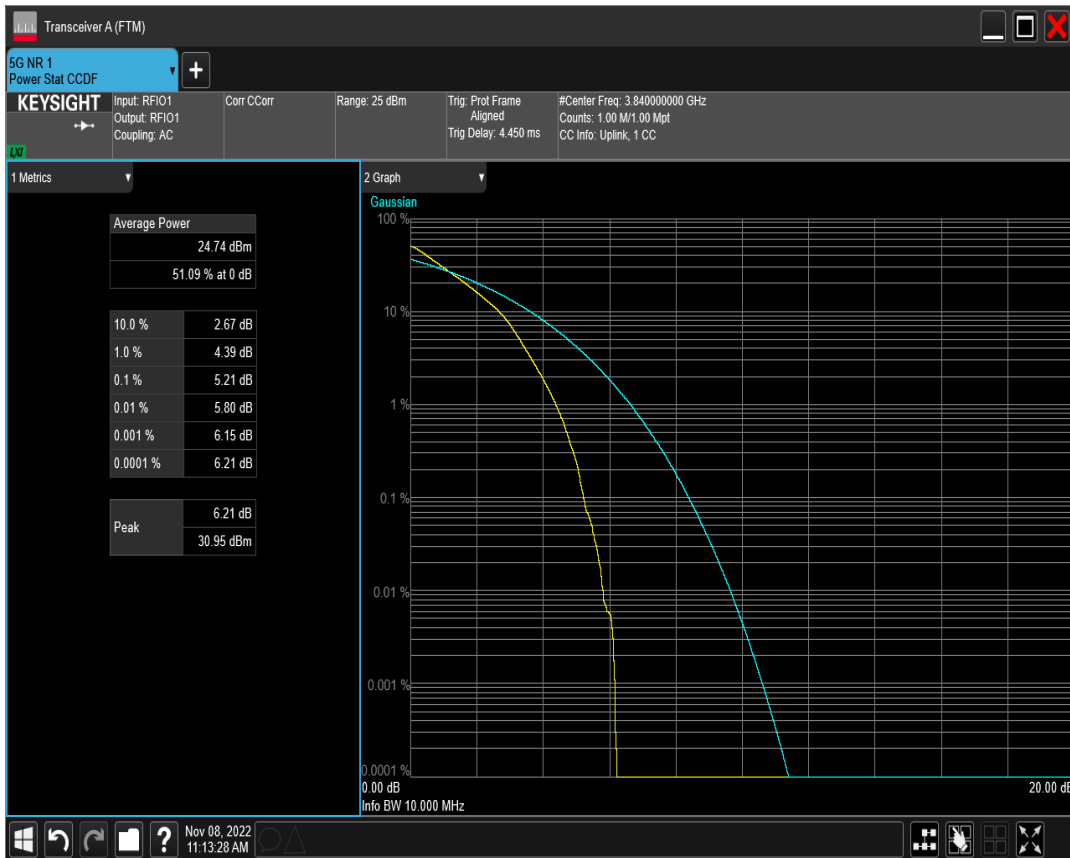
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	4.23	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	5.21	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	6.09	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	6.29	13	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	6.98	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	4.39	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	5.35	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	6.21	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	6.28	13	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	6.65	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	4.41	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	5.33	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	6.30	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	6.46	13	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	6.79	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_BPSK	4.33	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	5.29	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM16	6.10	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM64	6.37	13	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM256	6.78	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	4.40	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	5.48	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	6.21	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	6.47	13	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	6.91	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	4.71	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	5.53	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	6.22	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	6.48	13	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	6.88	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	4.34	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	5.33	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	6.11	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	6.44	13	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	6.81	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	4.92	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	5.52	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM16	6.27	13	PASS

n77(3700-3980)	30	80	656000	216@0	DFT_QAM64	6.47	13	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM256	6.79	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_BPSK	4.80	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QPSK	5.64	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM16	6.33	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM64	6.53	13	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM256	6.89	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	5.16	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	5.61	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM16	6.35	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM64	6.56	13	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM256	6.90	13	PASS

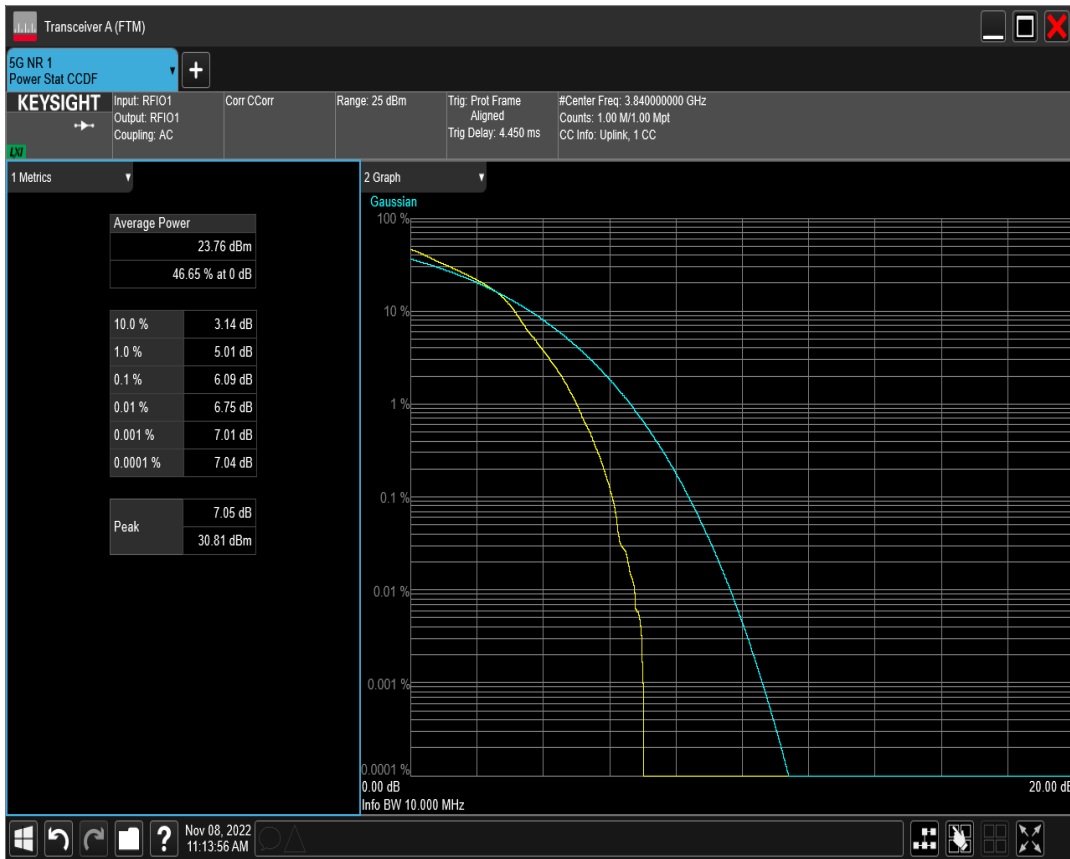
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=10MHz Channel=656000 RB=24@0



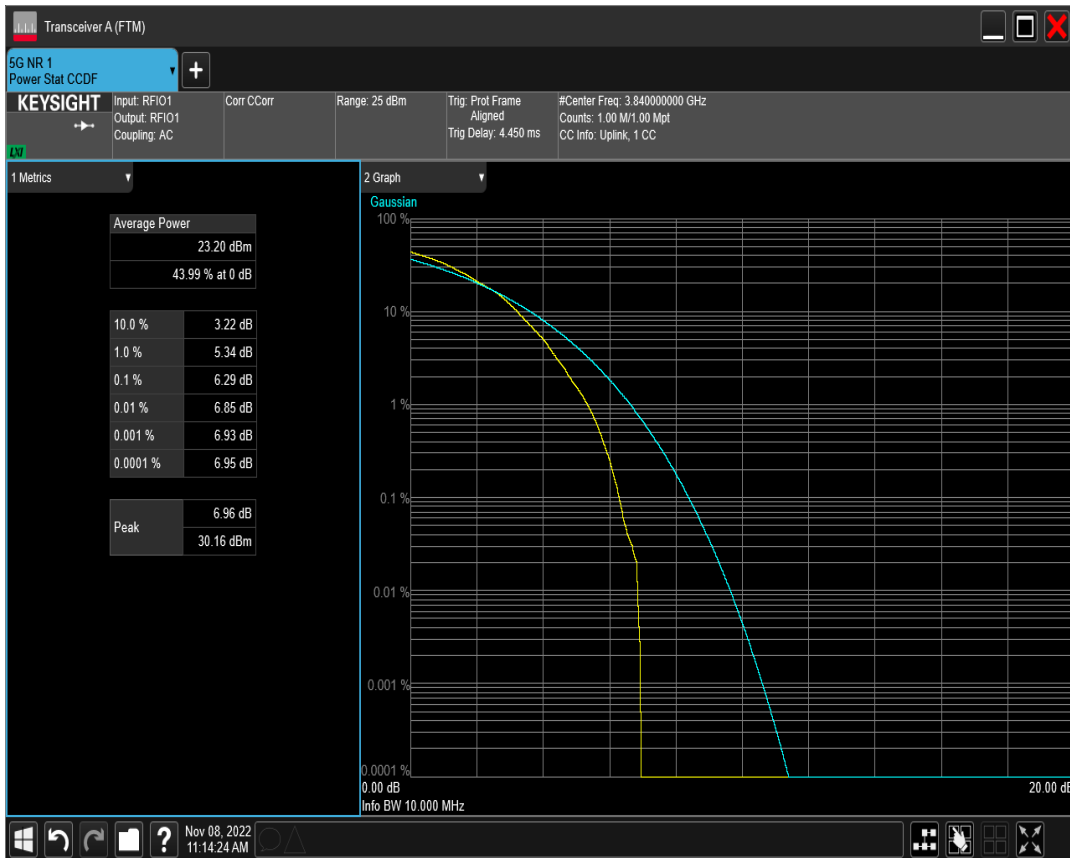
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=10MHz Channel=656000 RB=24@0



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

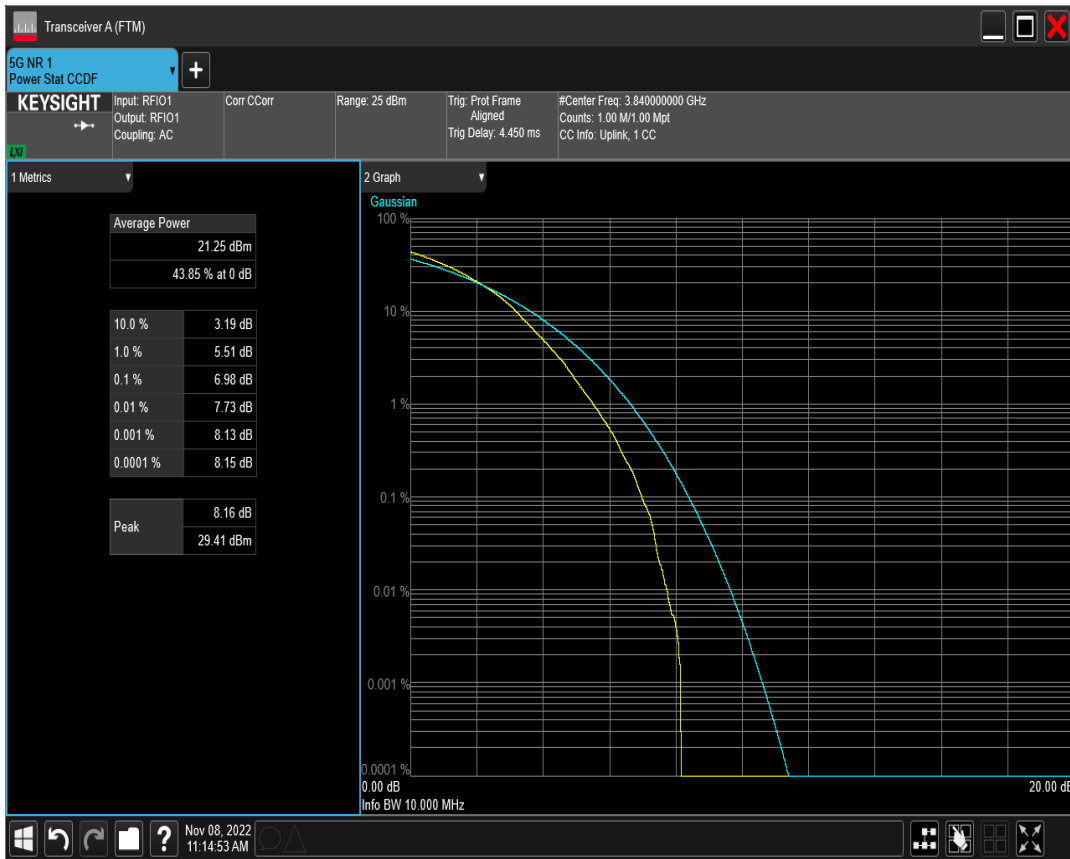


n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=10MHz Channel=656000 RB=24@0

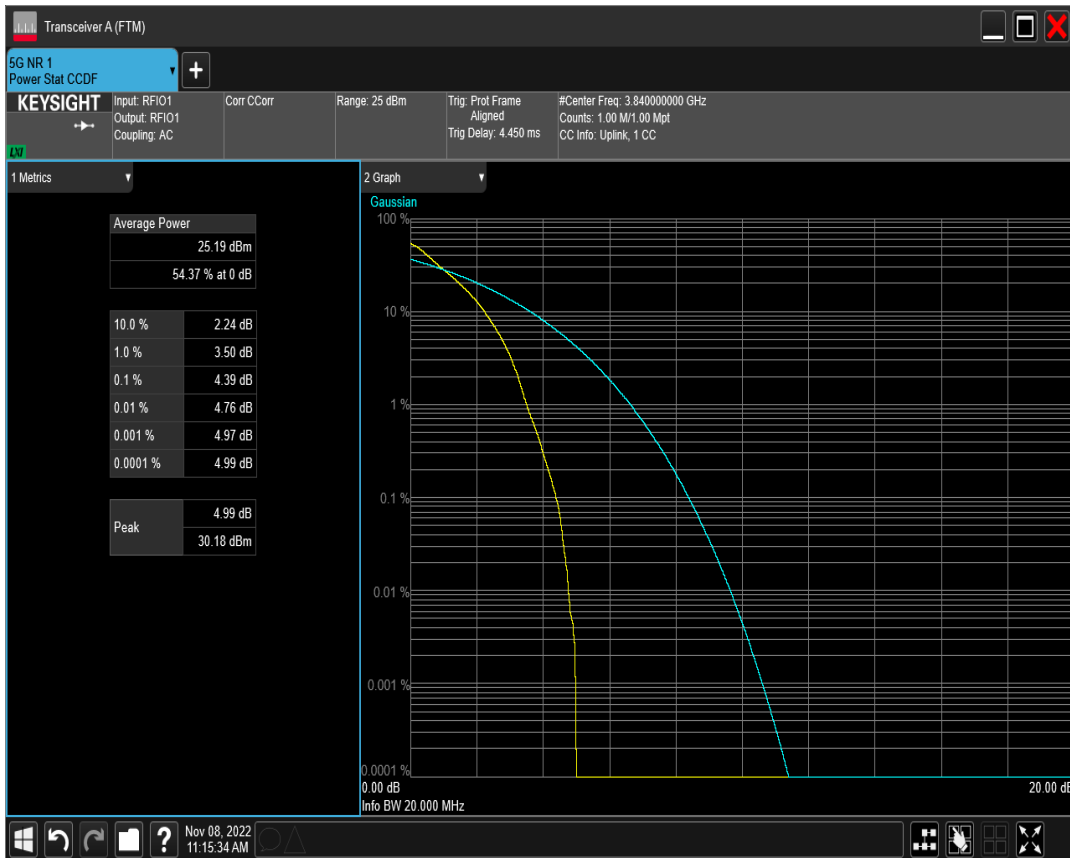




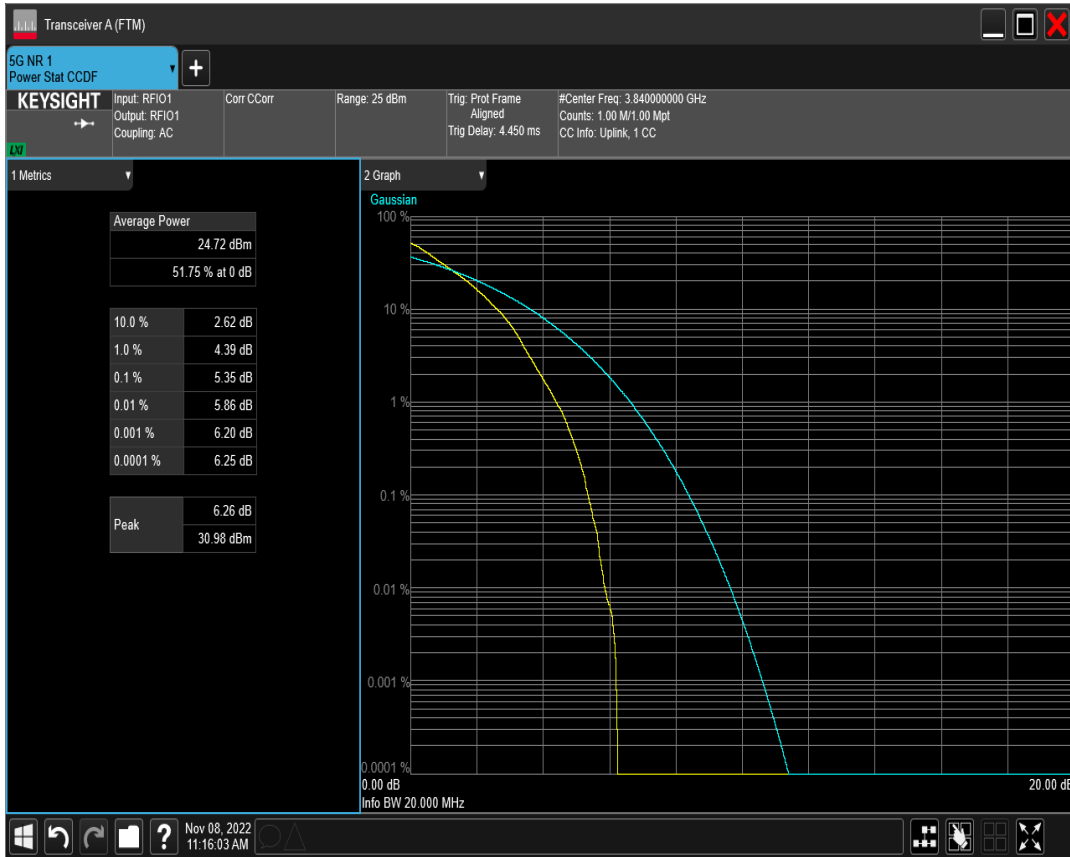
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=10MHz Channel=656000 RB=24@0



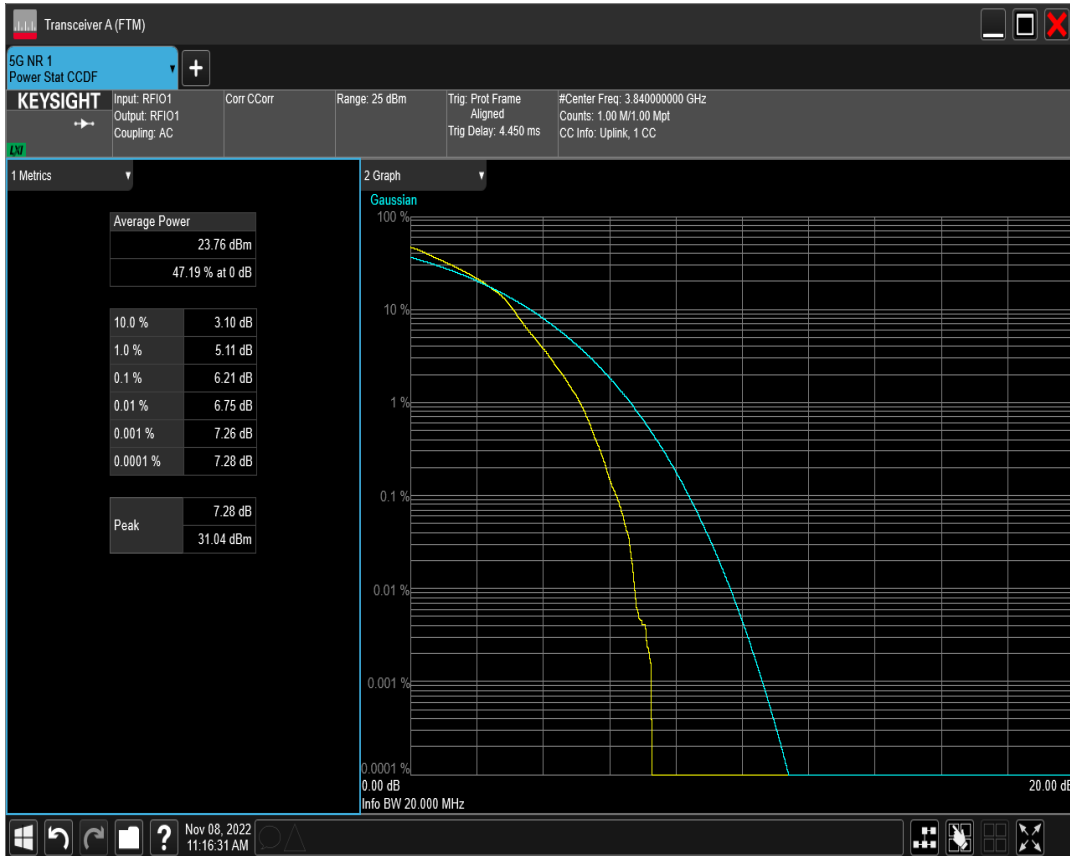
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=15MHz Channel=656000 RB=36@0



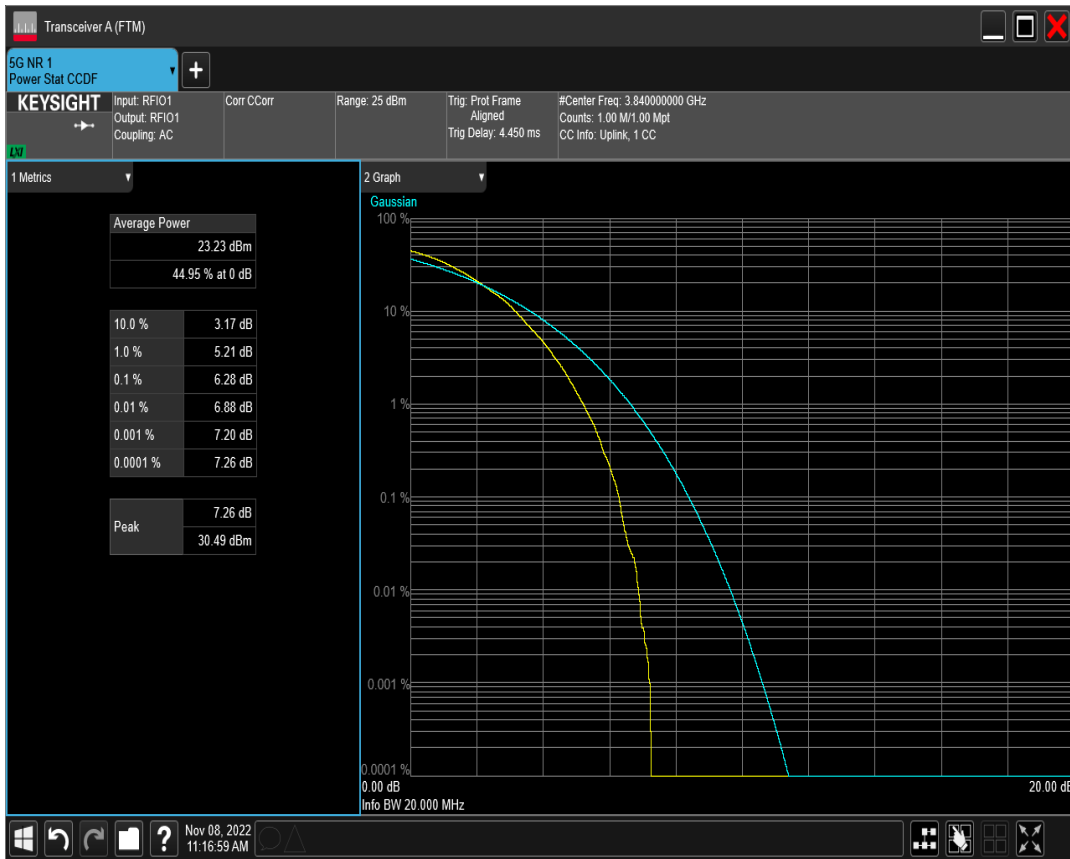
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=15MHz Channel=656000 RB=36@0



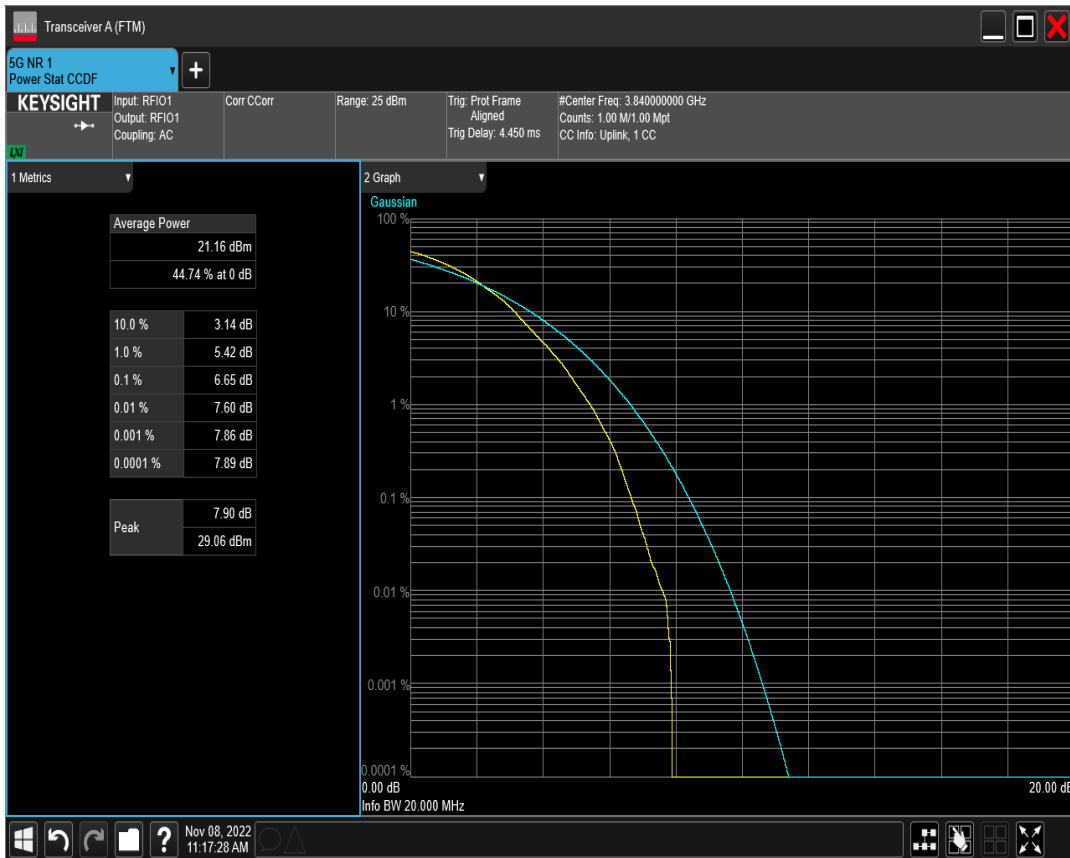
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=15MHz Channel=656000 RB=36@0



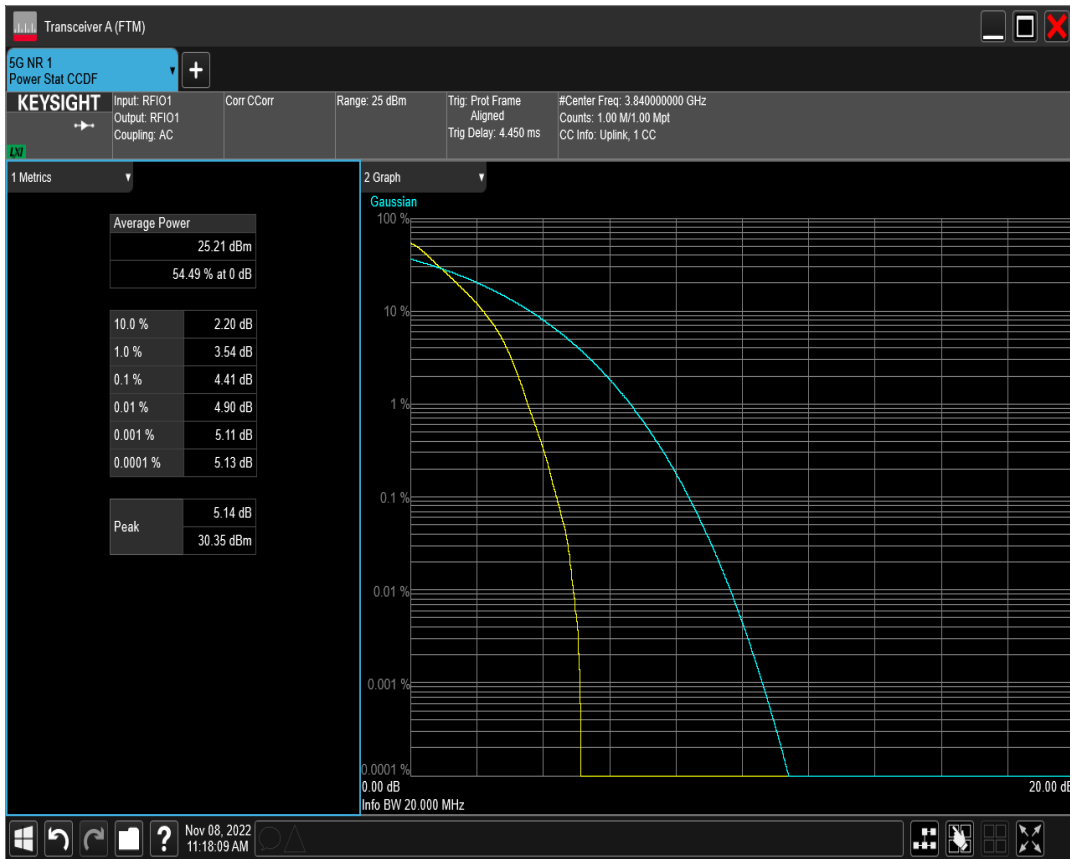
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=15MHz Channel=656000 RB=36@0



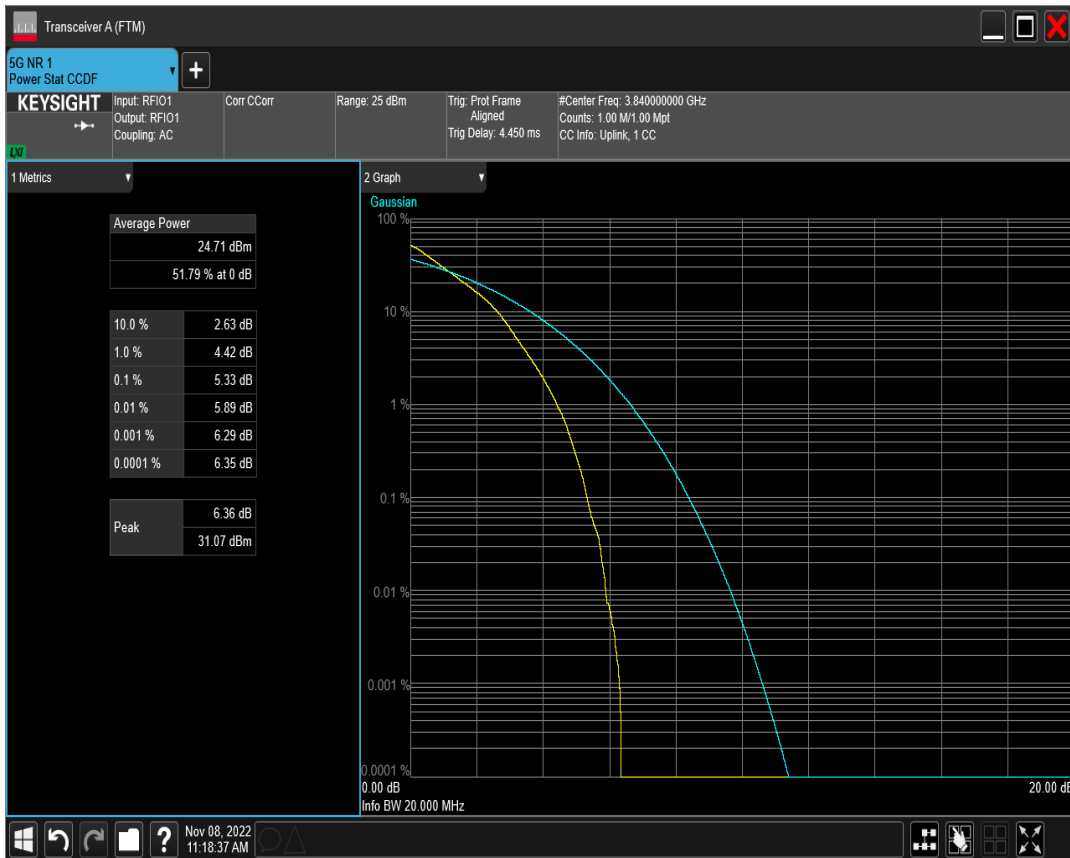
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=15MHz Channel=656000 RB=36@0



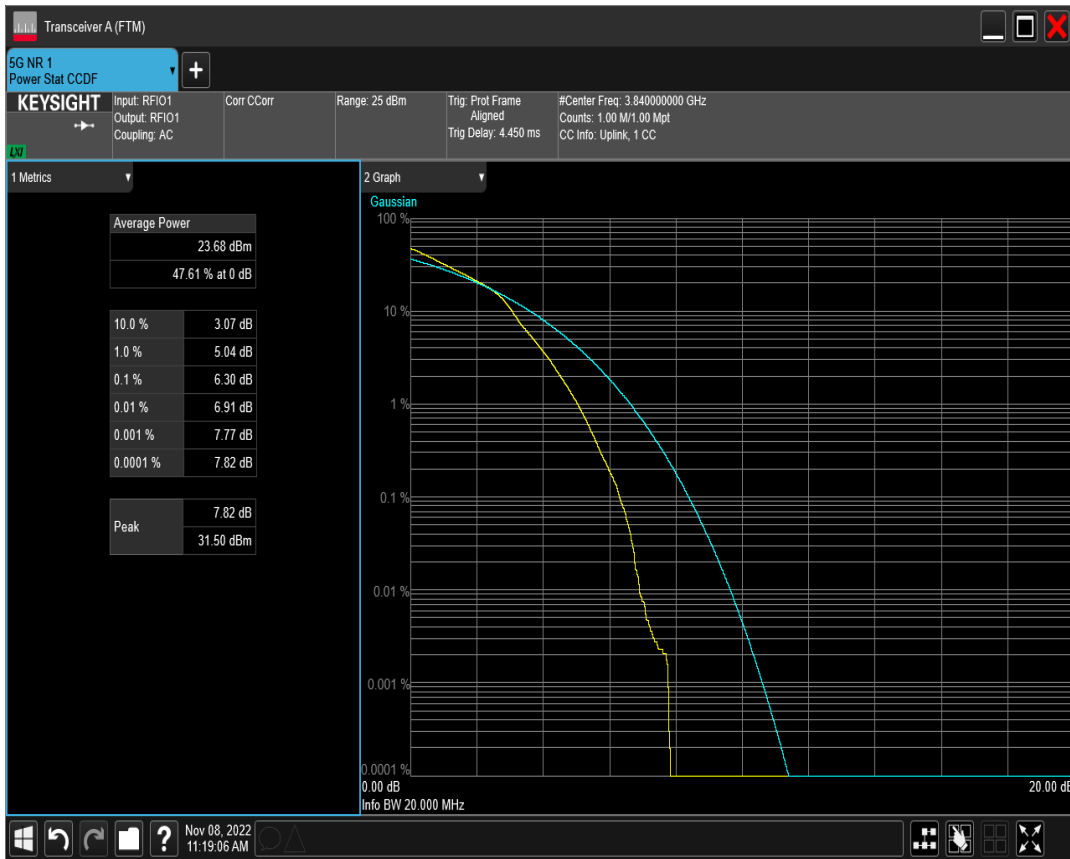
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=20MHz Channel=656000 RB=50@0



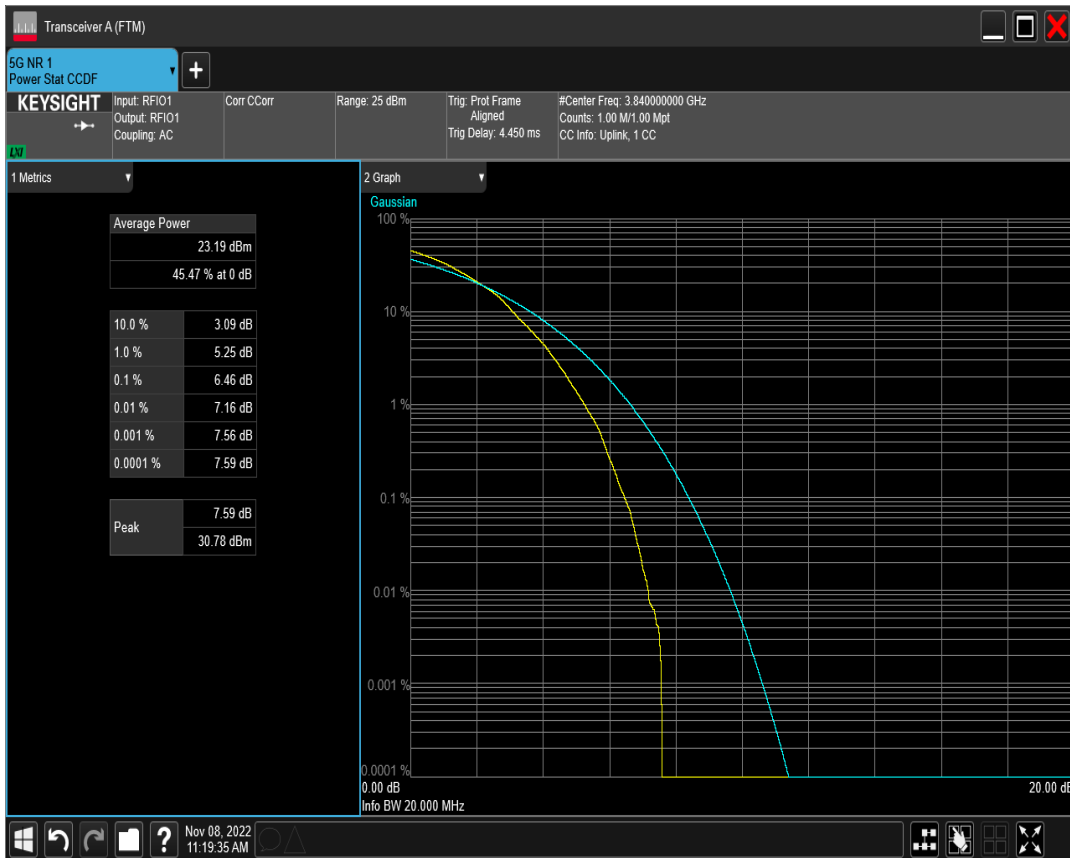
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=20MHz Channel=656000 RB=50@0



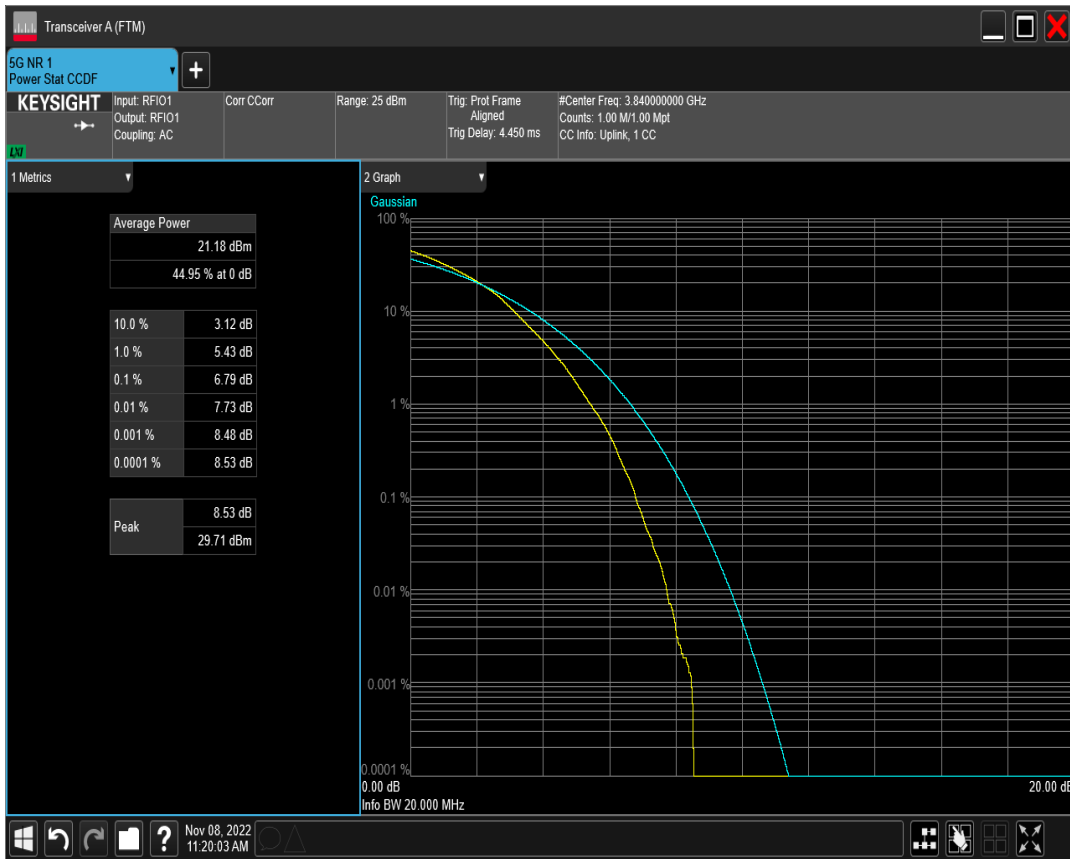
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=20MHz Channel=656000 RB=50@0



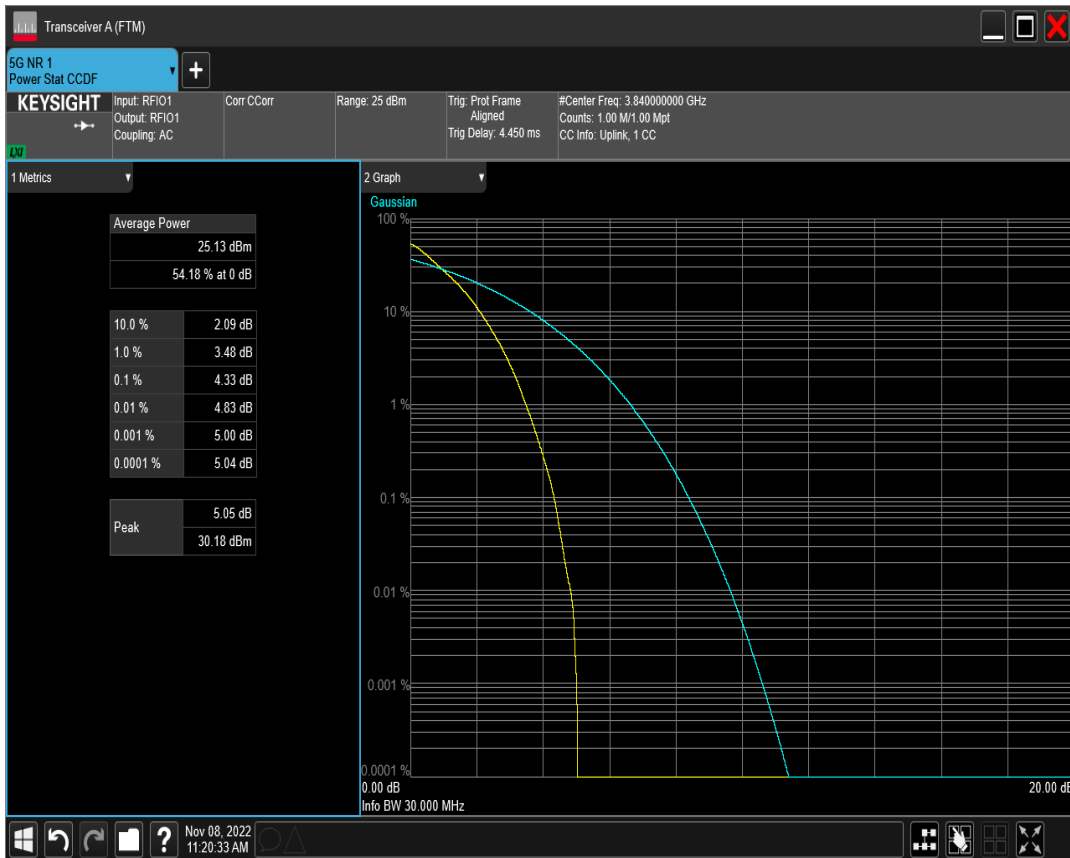
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=20MHz Channel=656000 RB=50@0



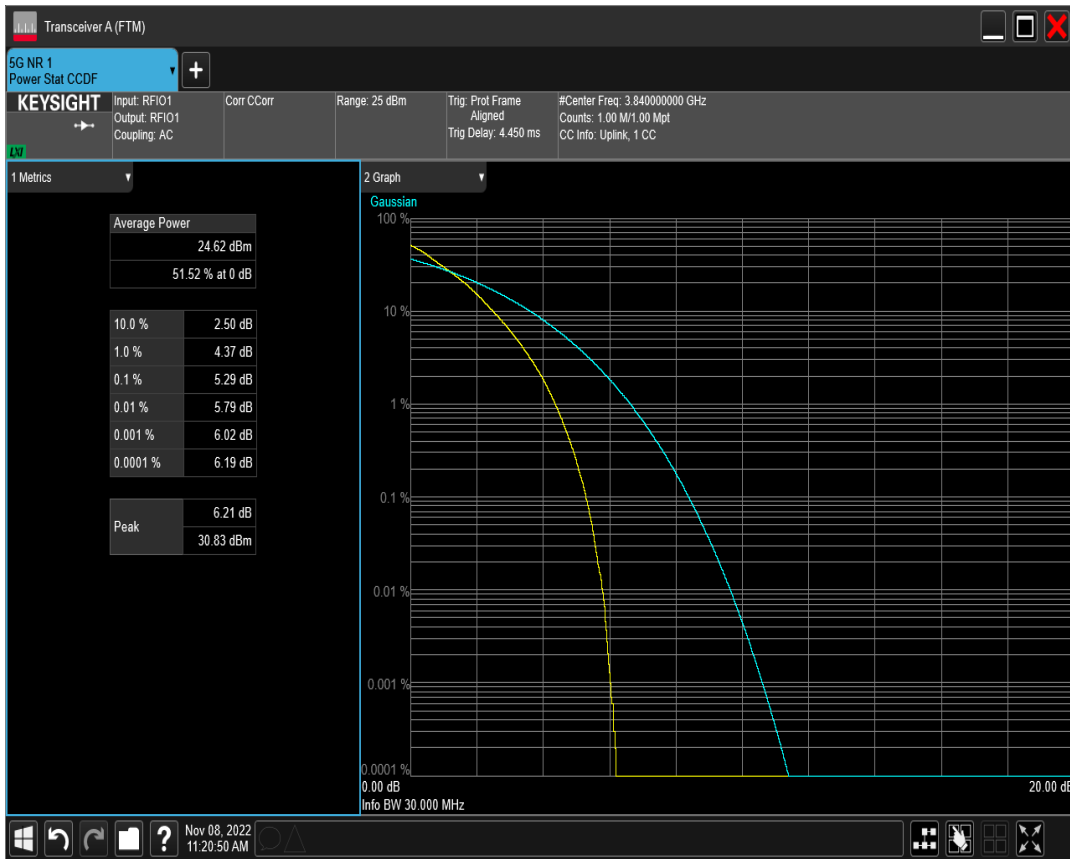
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=20MHz Channel=656000 RB=50@0



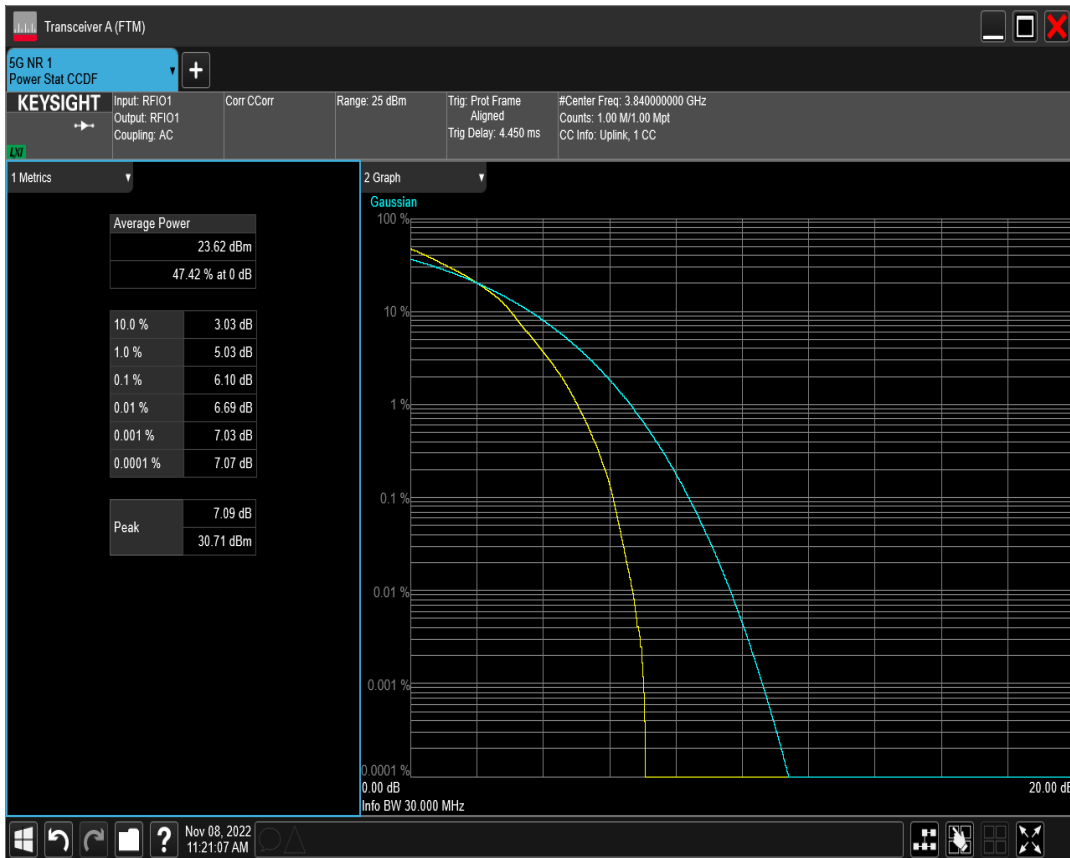
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=30MHz Channel=656000 RB=75@0



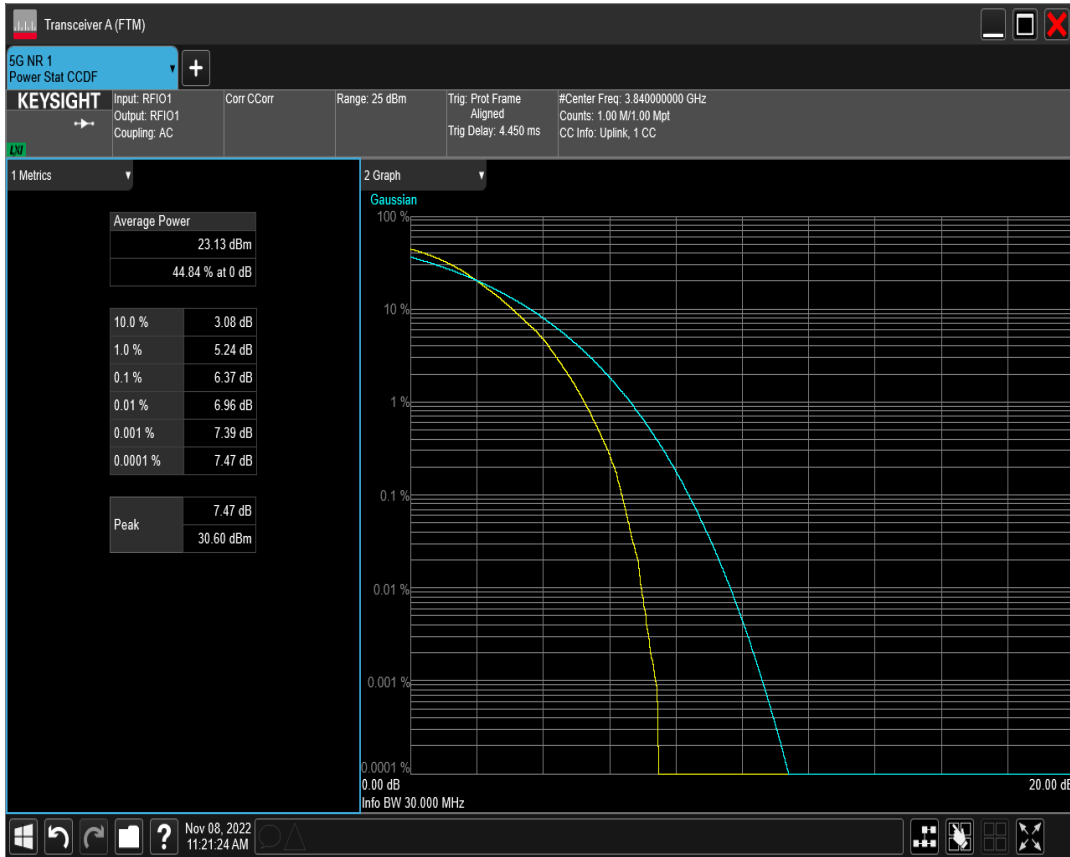
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=30MHz Channel=656000 RB=75@0



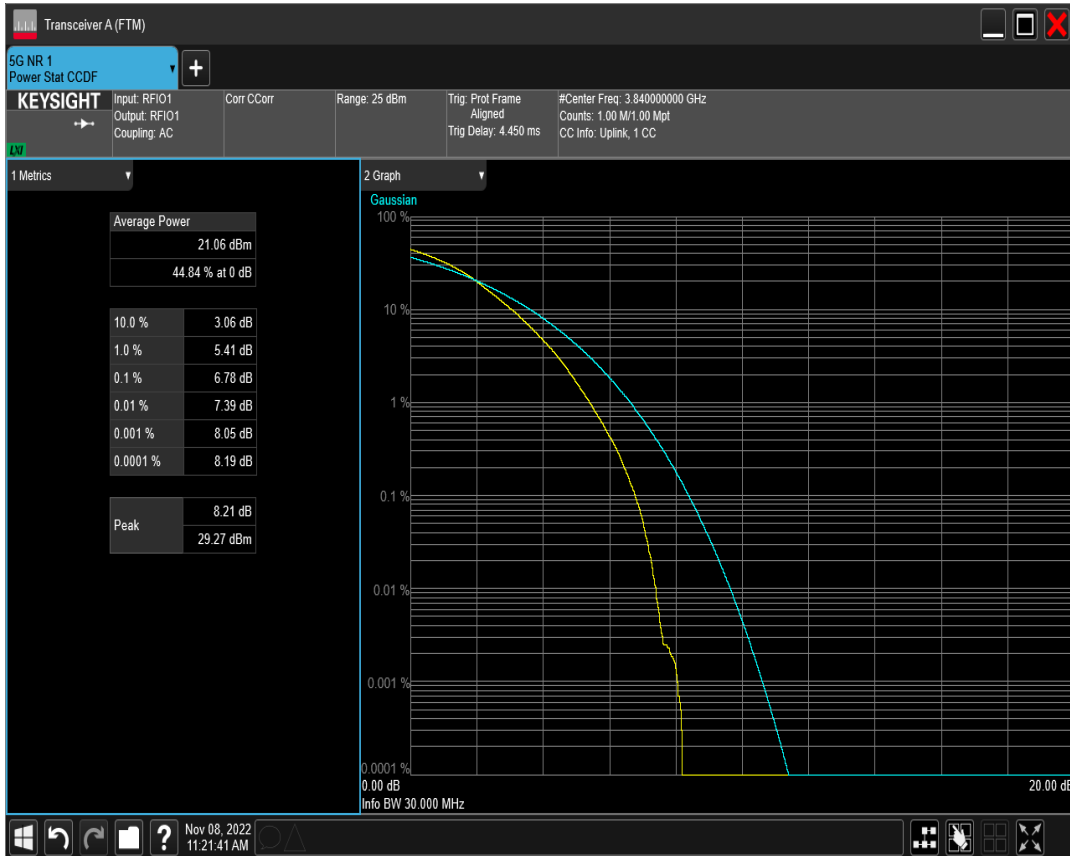
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=30MHz Channel=656000 RB=75@0



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

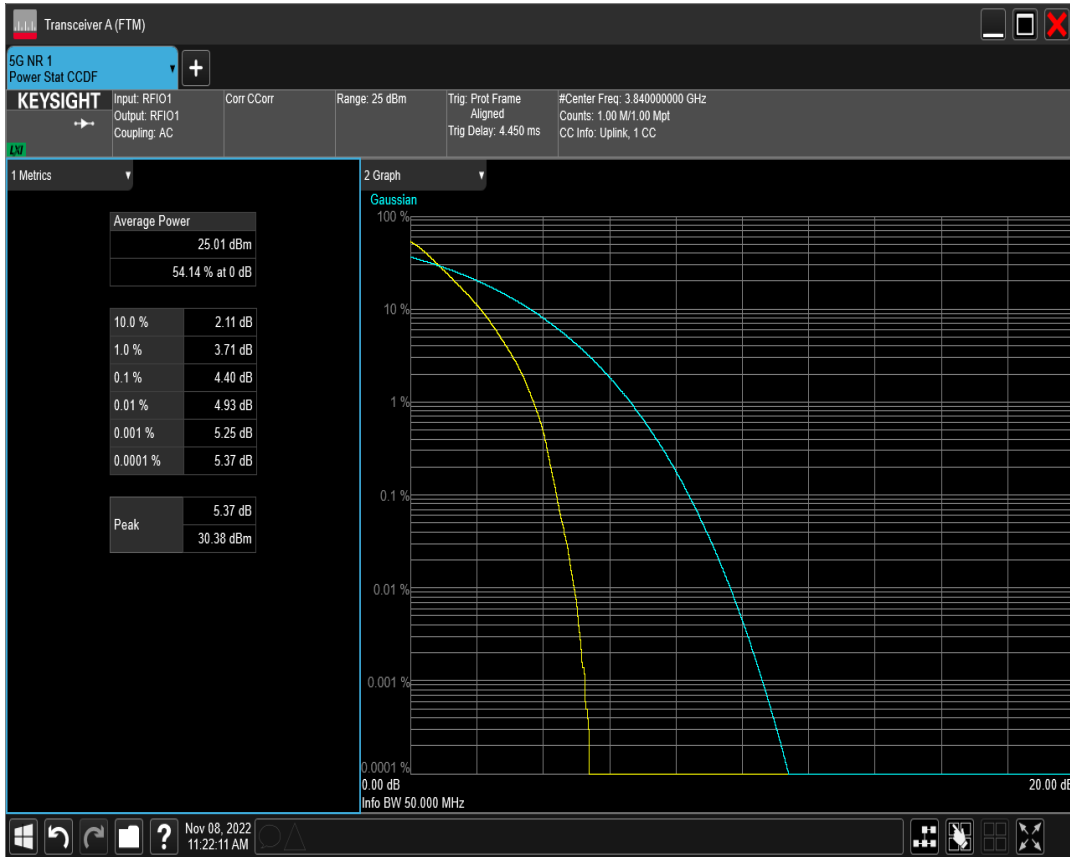


n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=30MHz Channel=656000 RB=75@0

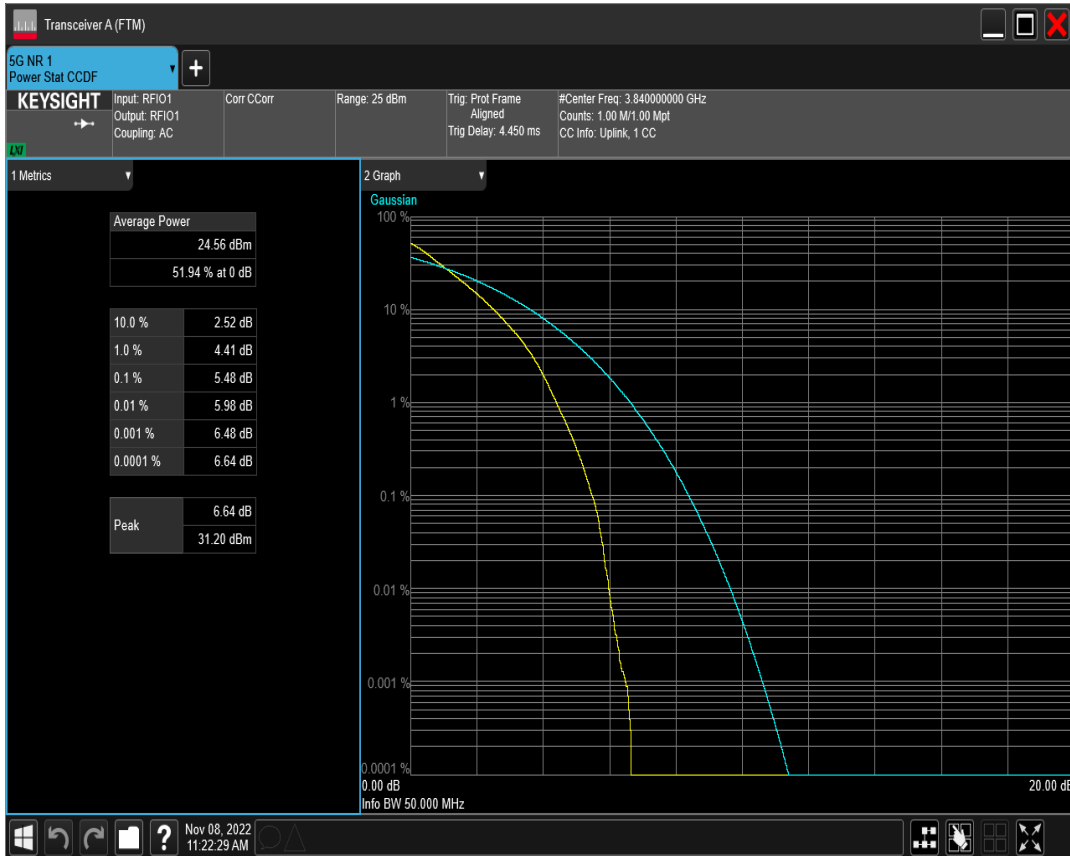




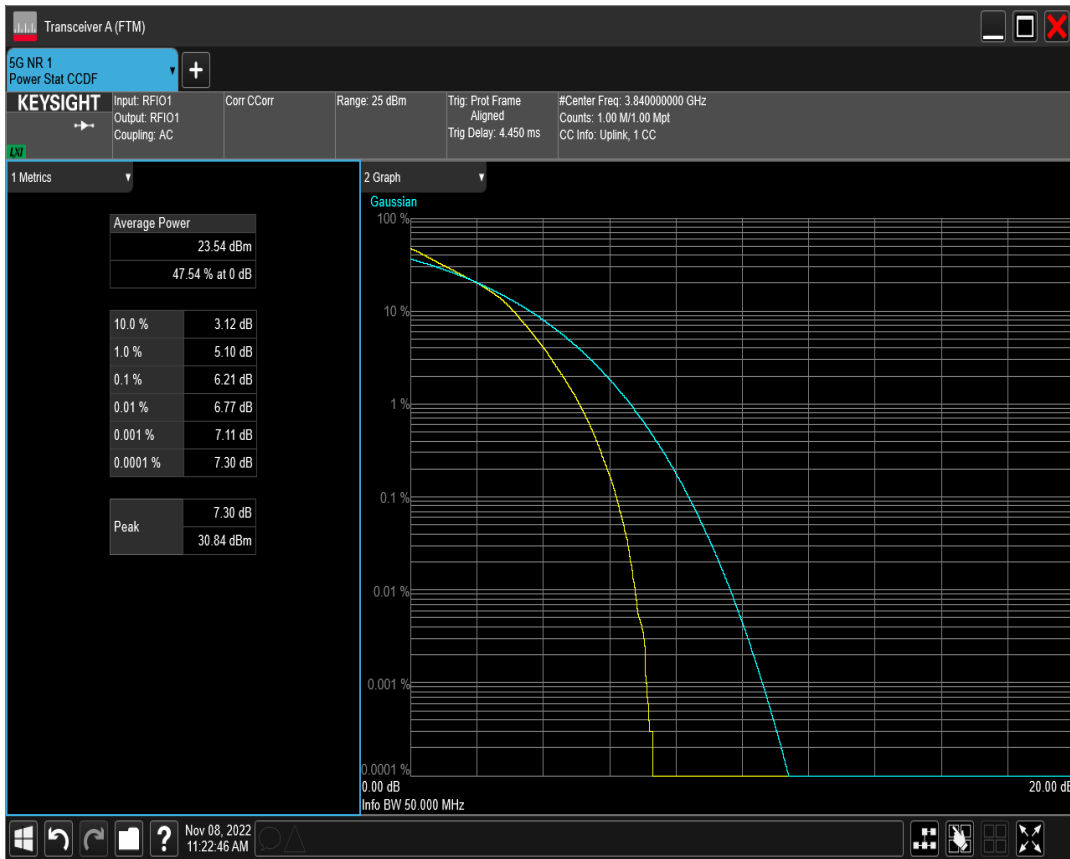
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=40MHz Channel=656000 RB=100@0



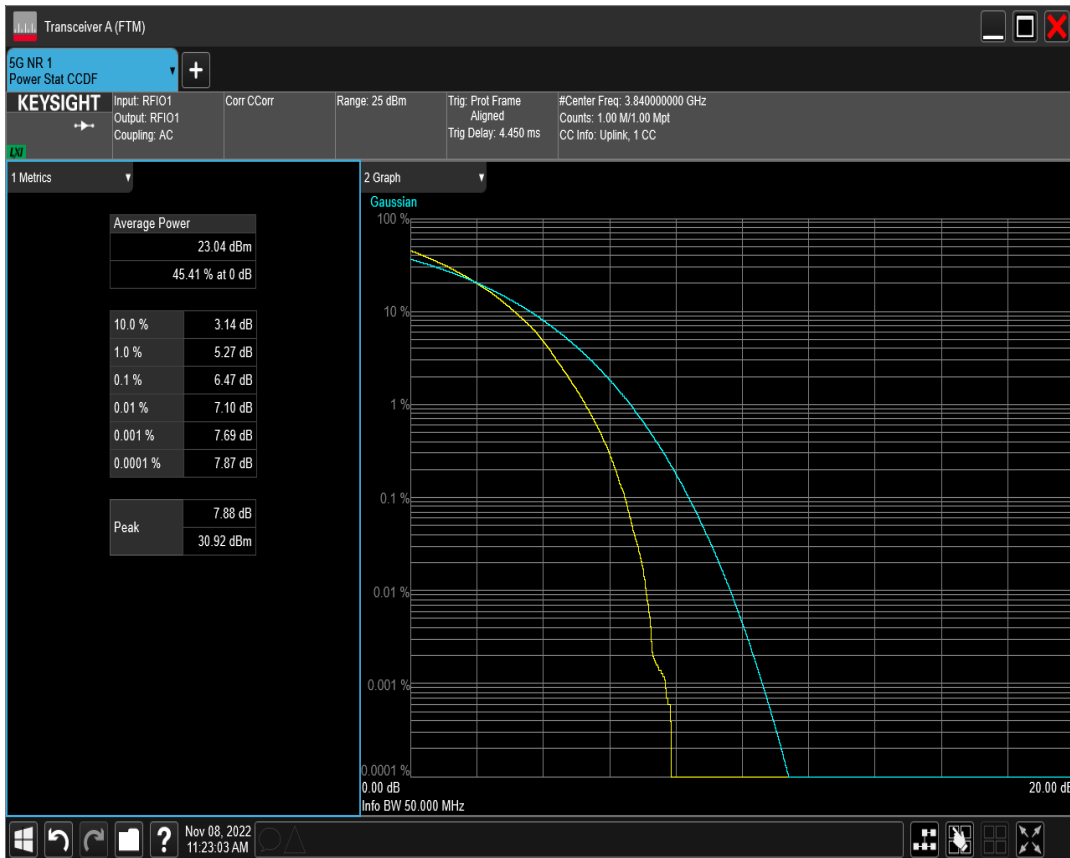
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=40MHz Channel=656000 RB=100@0



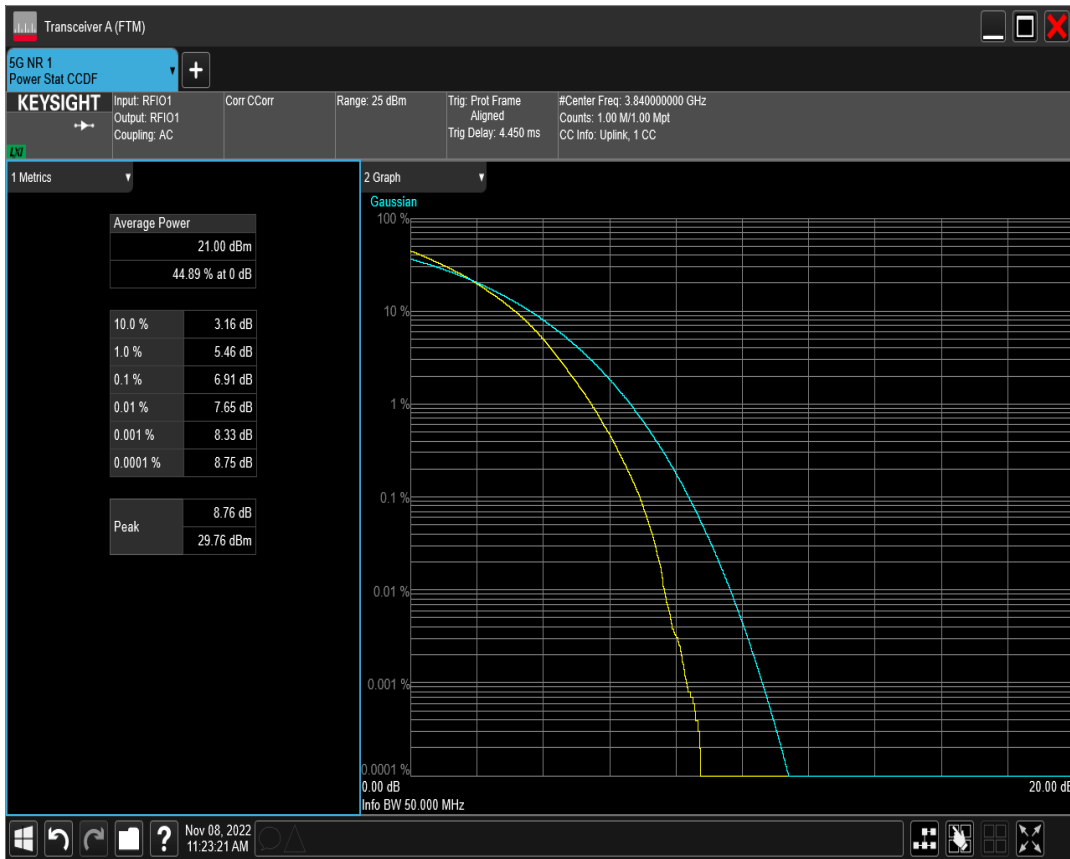
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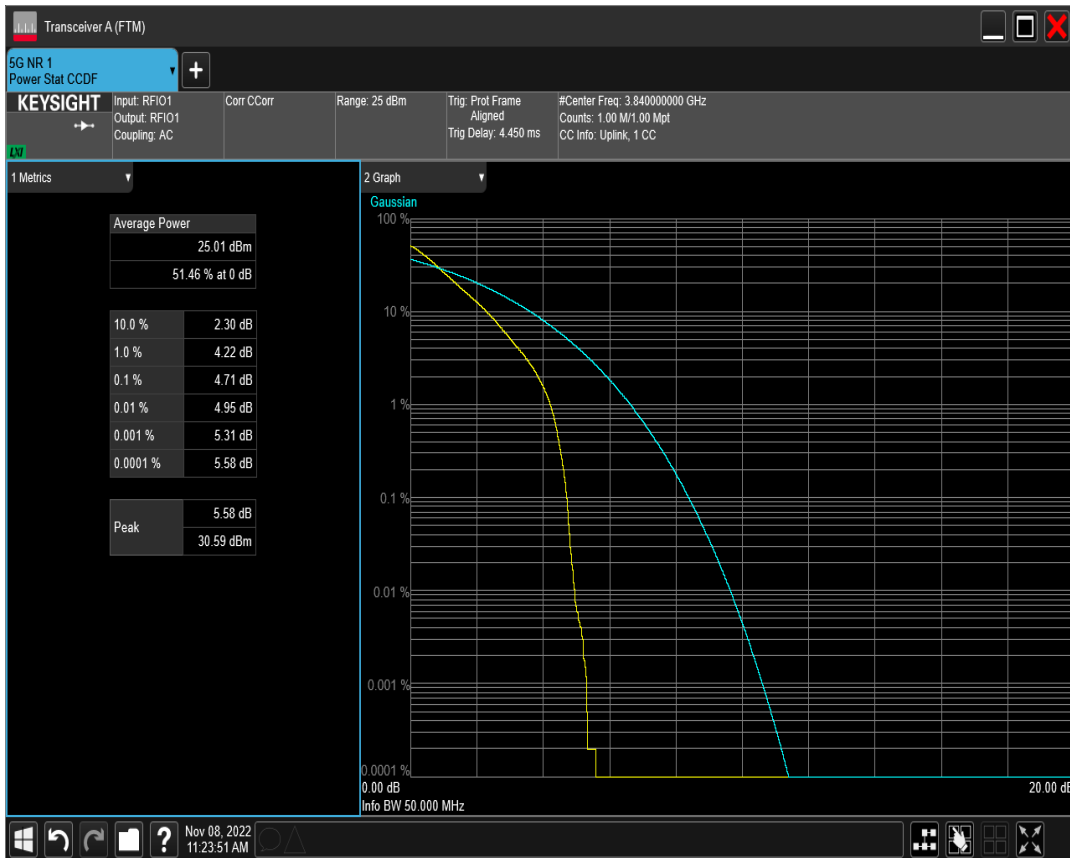
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=656000 RB=100@0



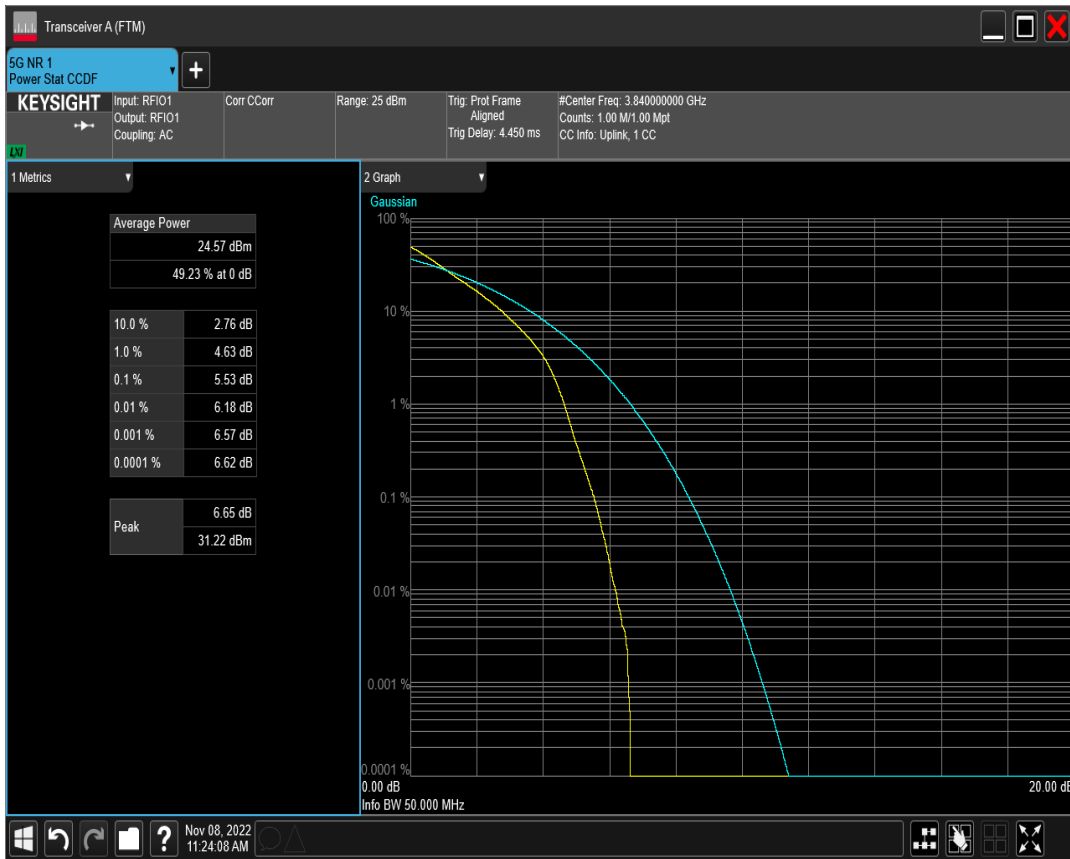
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=656000 RB=100@0



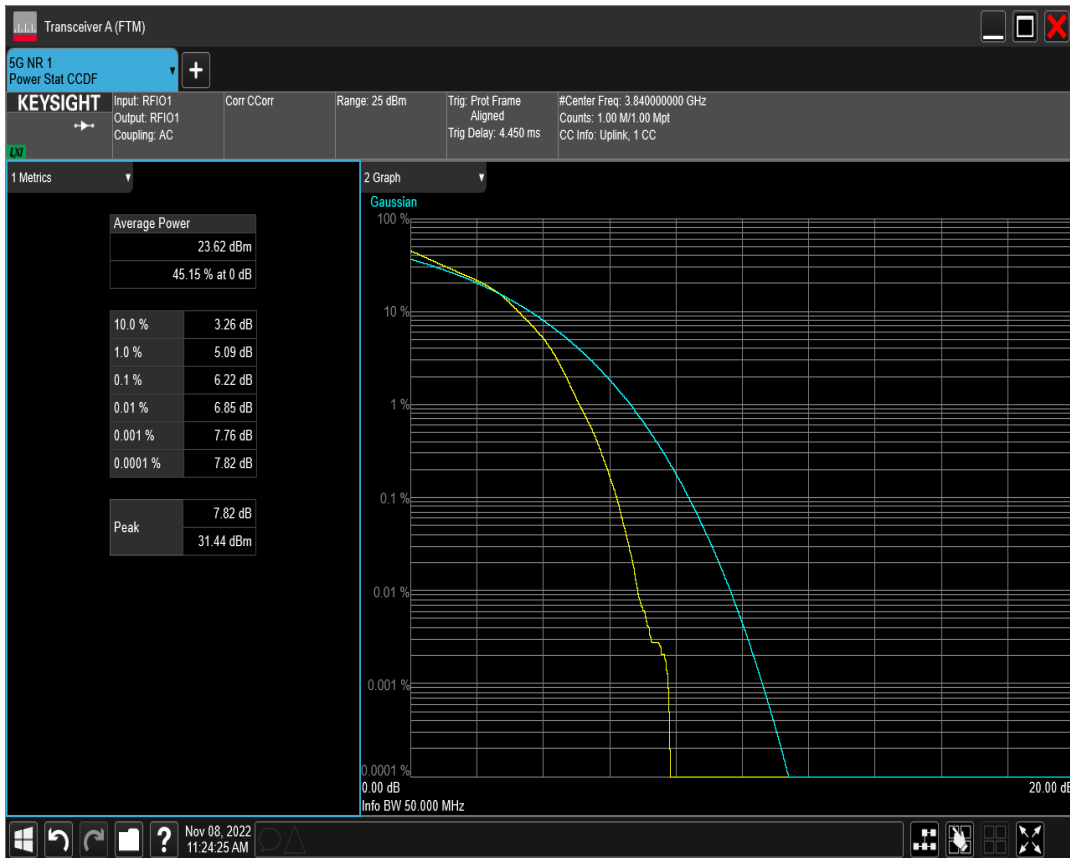
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=50MHz Channel=656000 RB=128@0



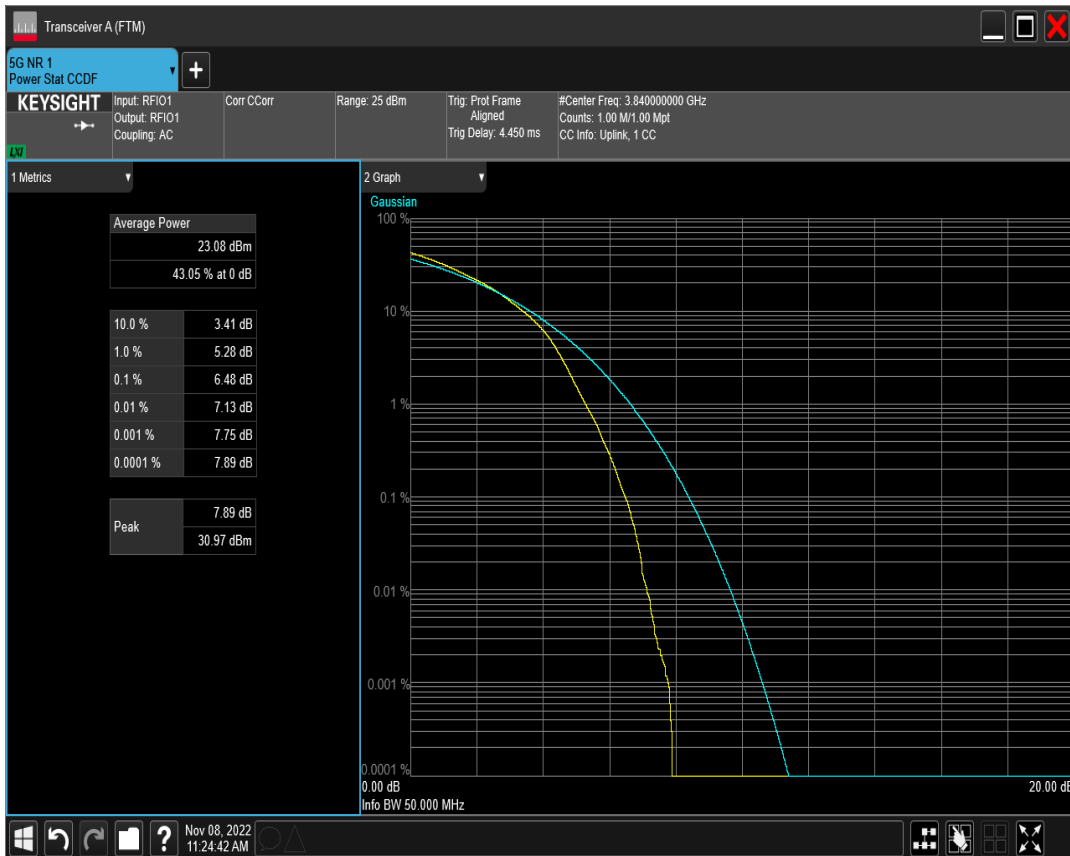
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=50MHz Channel=656000 RB=128@0



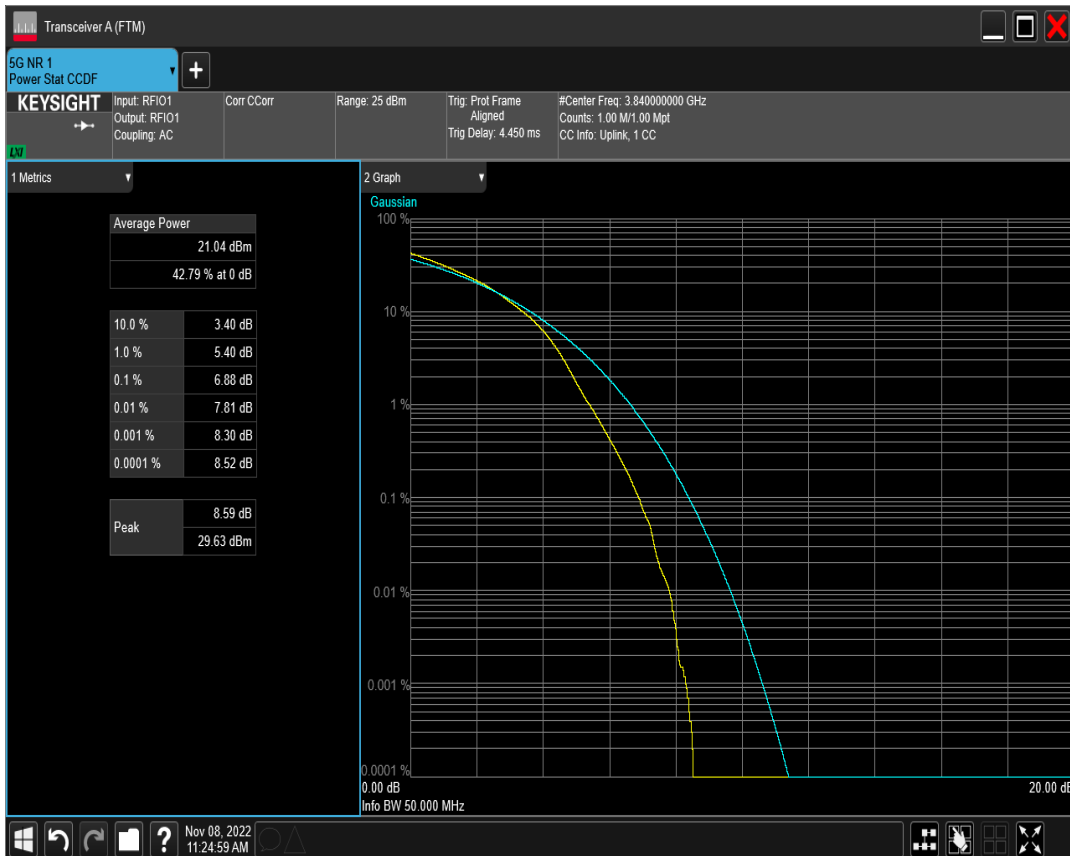
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=50MHz Channel=656000 RB=128@0



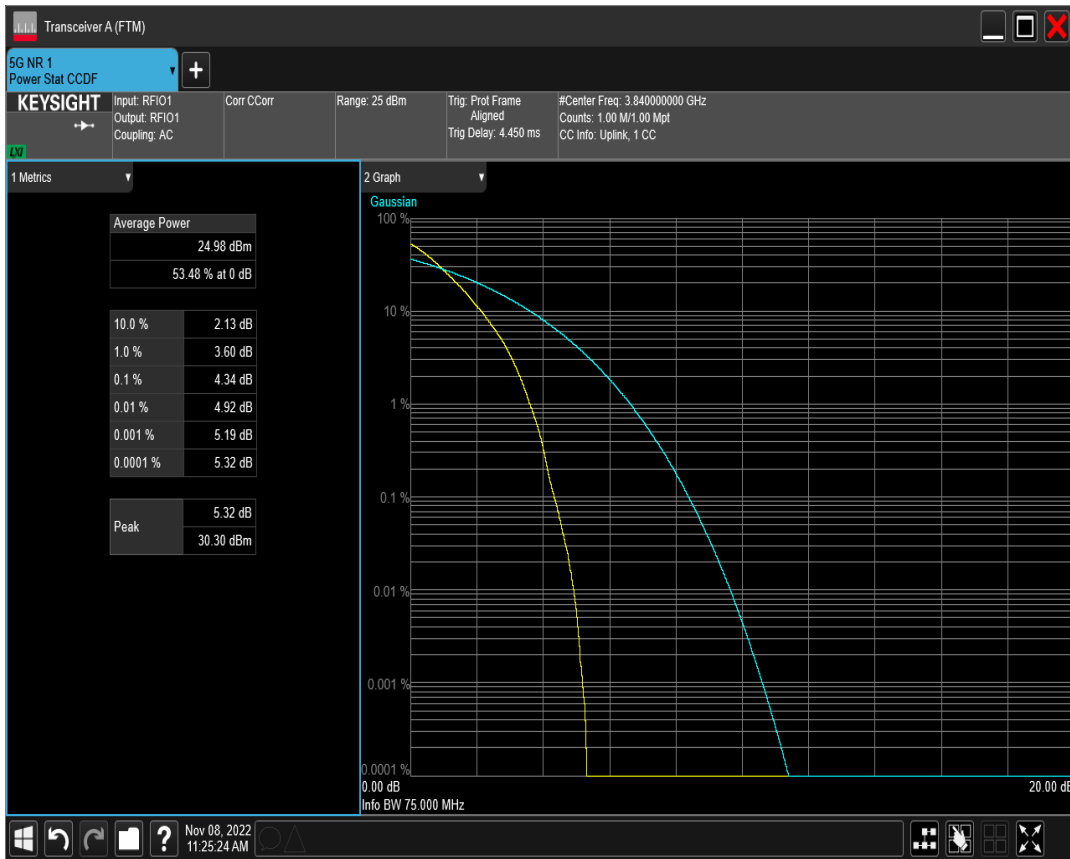
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=656000 RB=128@0



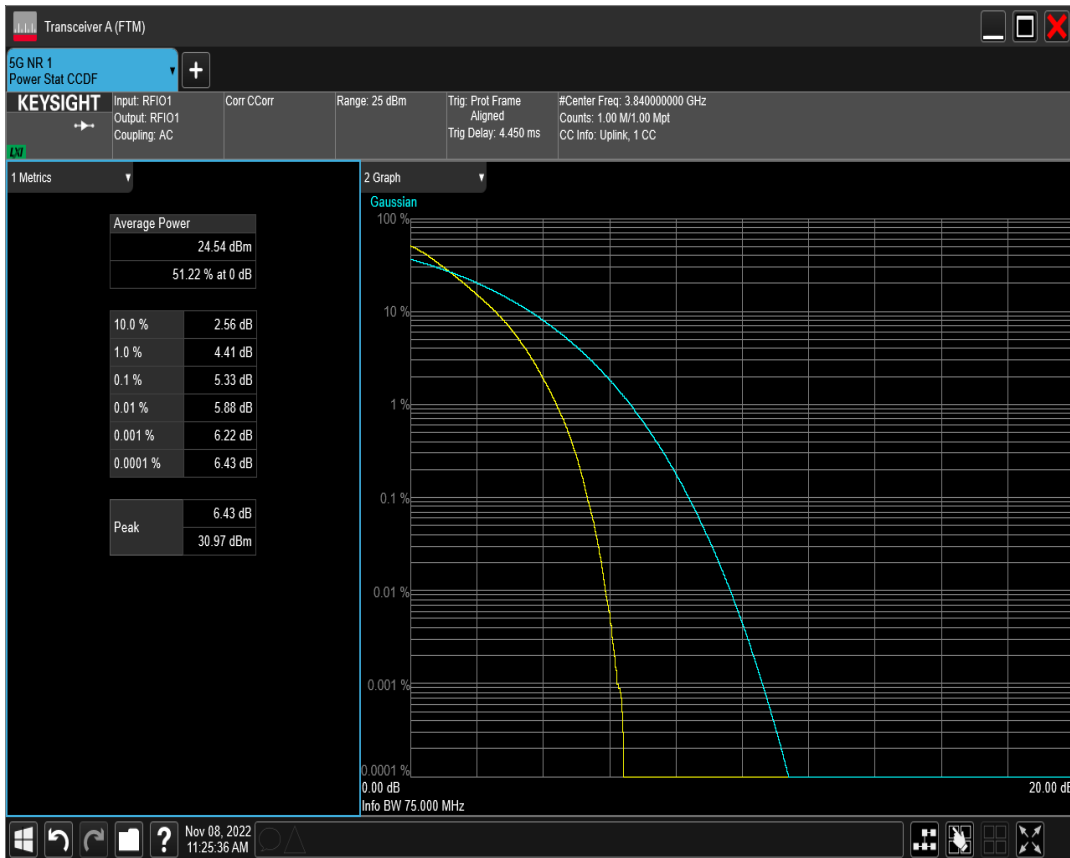
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=656000 RB=128@0



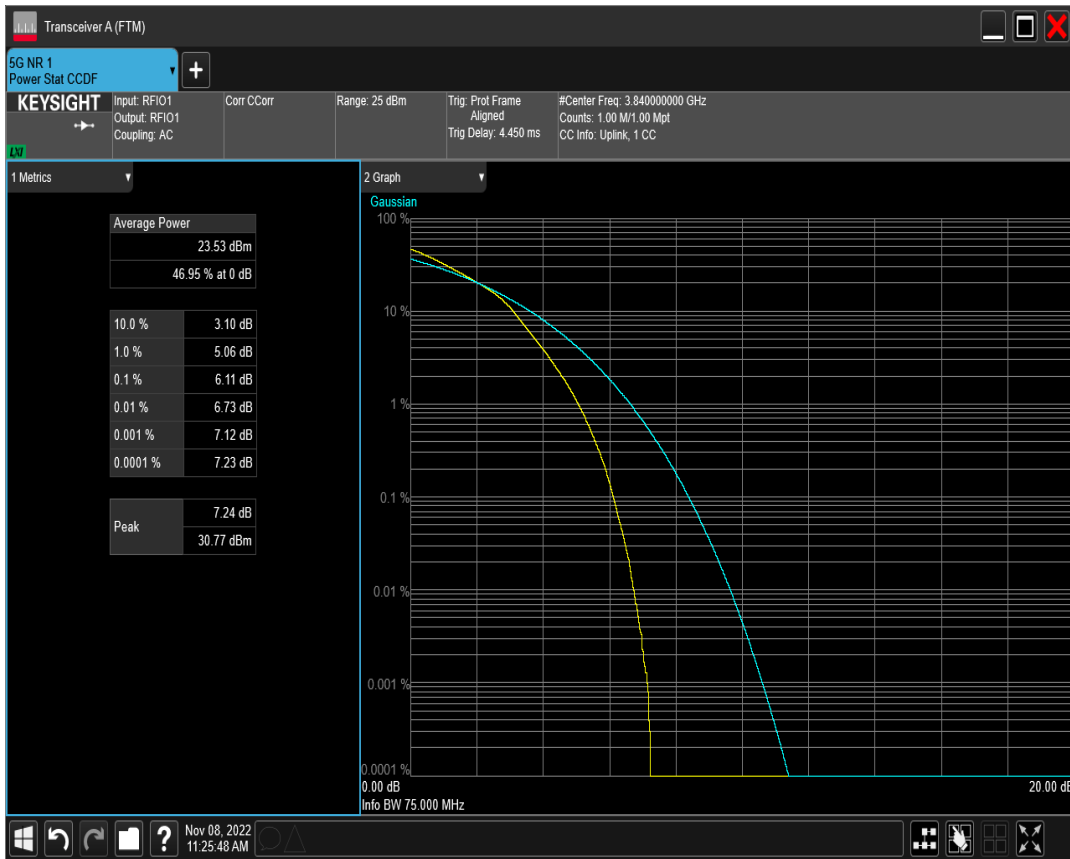
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=60MHz Channel=656000 RB=162@0



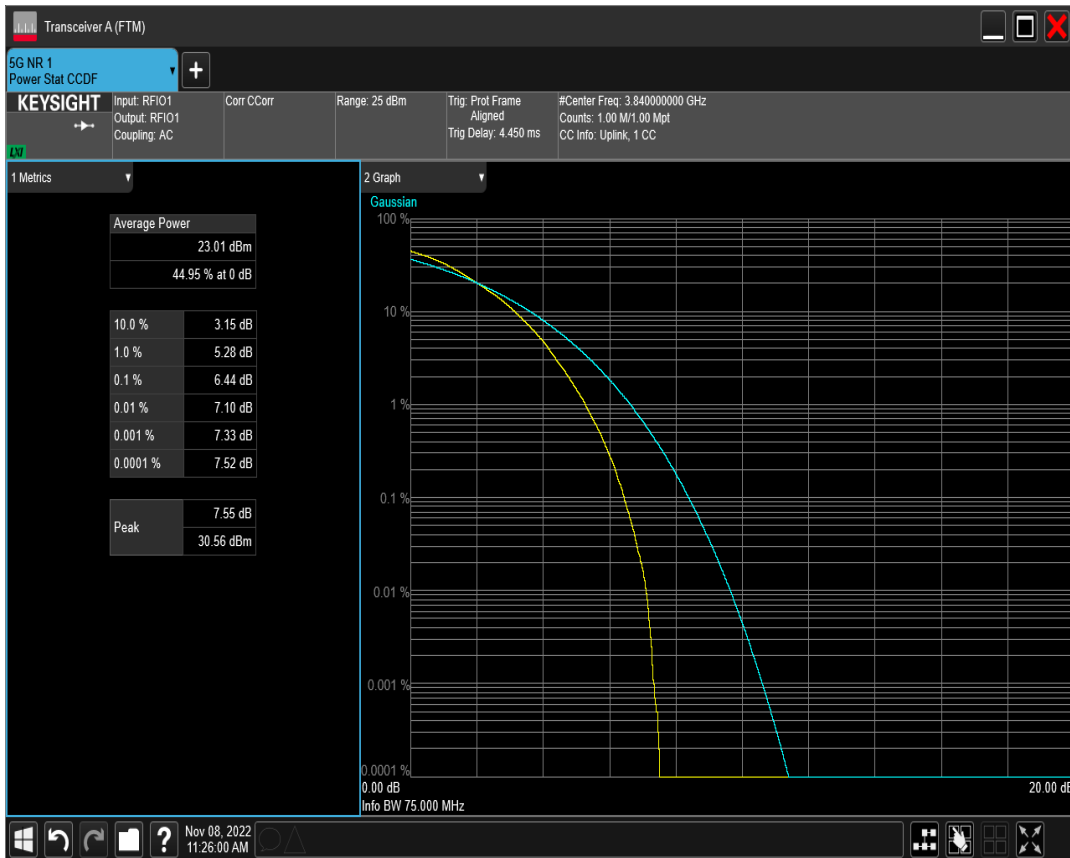
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=60MHz Channel=656000 RB=162@0



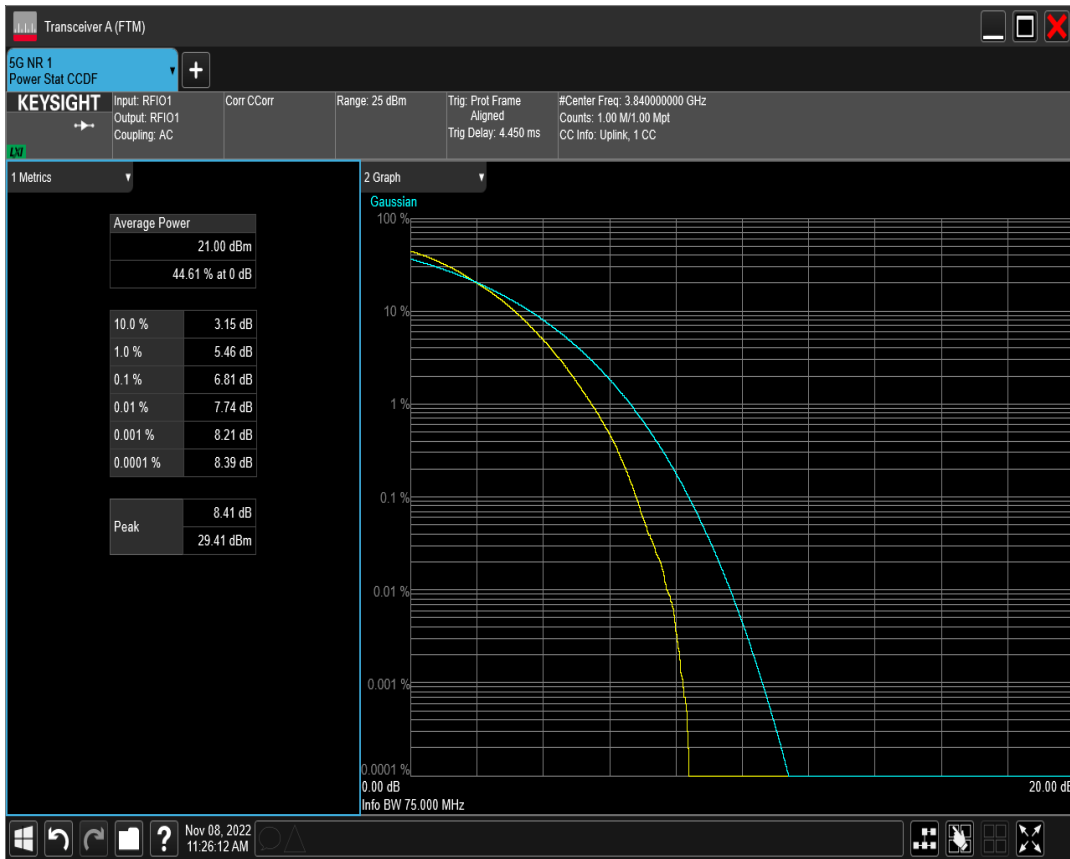
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=656000 RB=162@0



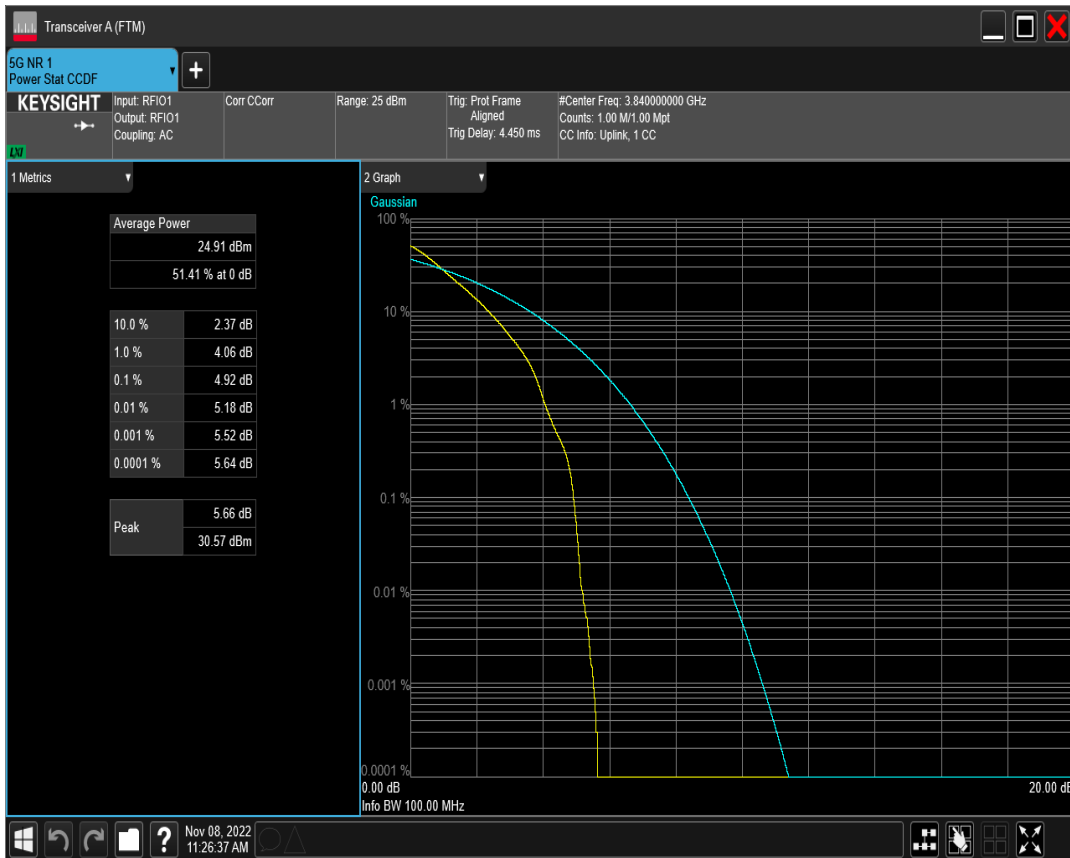
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=656000 RB=162@0



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

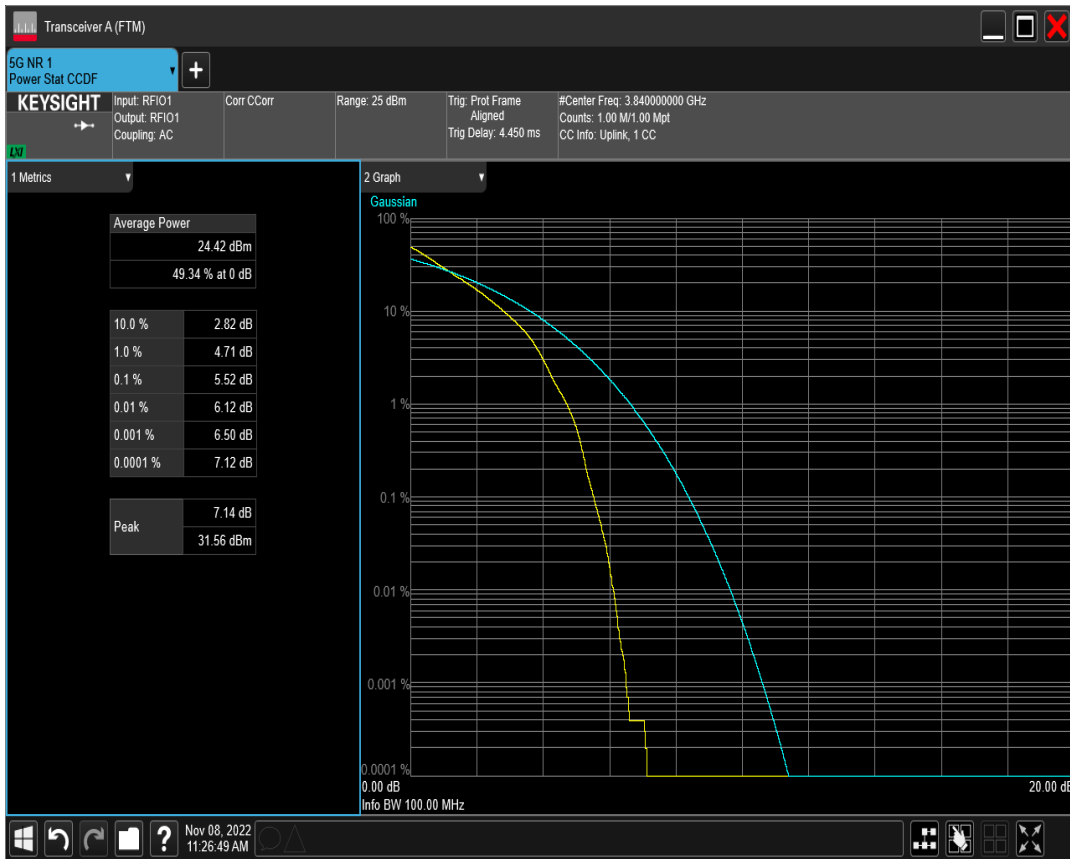


n77(3700-3980) SCS=30kHz DFT\_BPSK BW=80MHz Channel=656000 RB=216@0

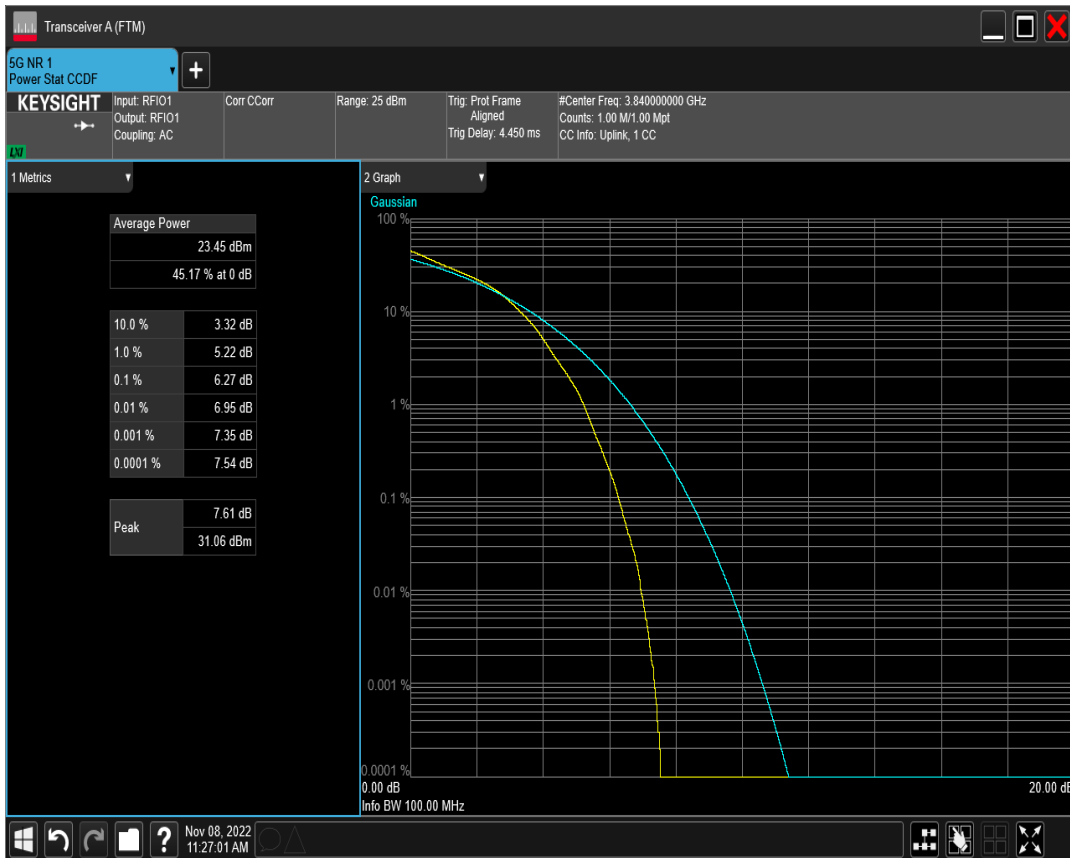




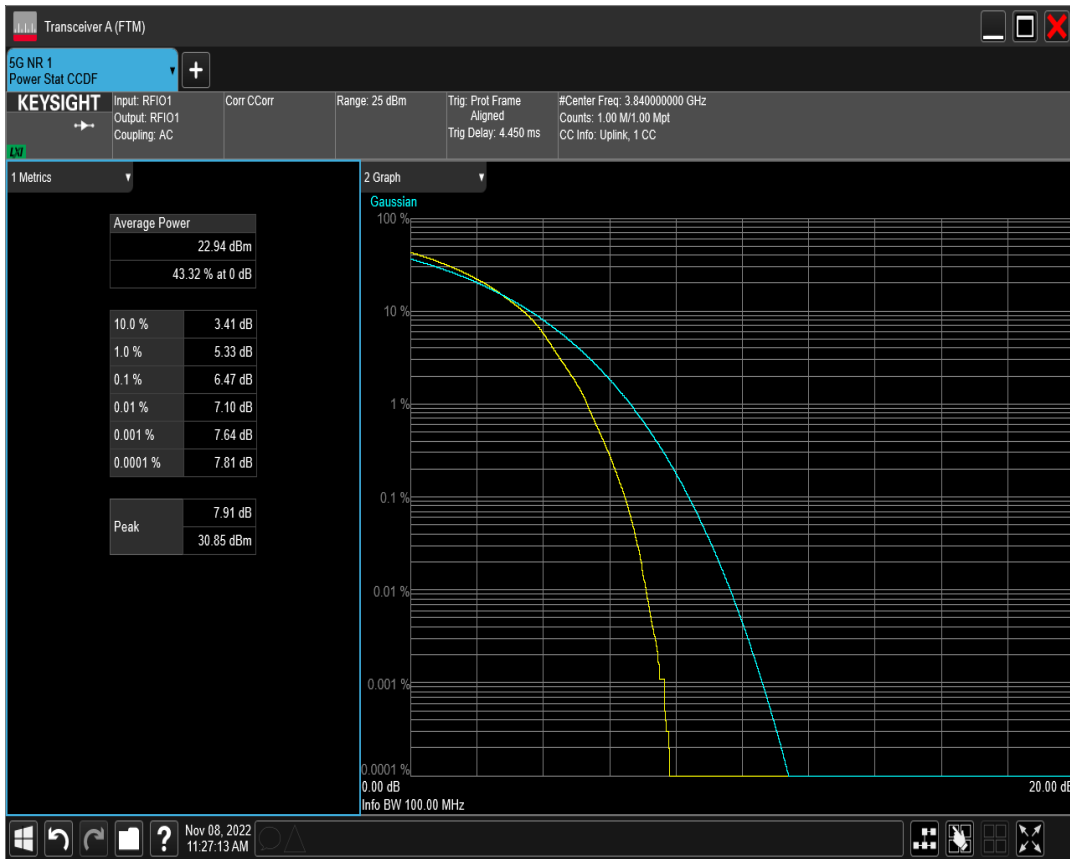
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=80MHz Channel=656000 RB=216@0



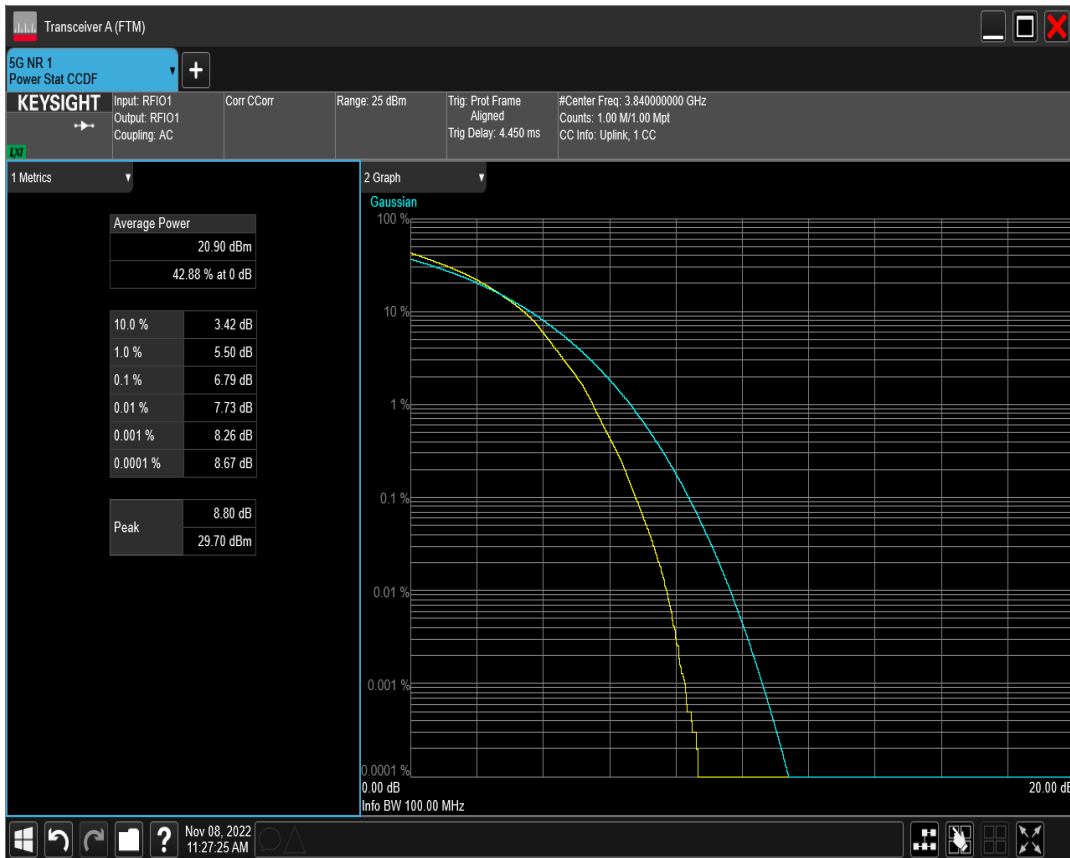
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=656000 RB=216@0



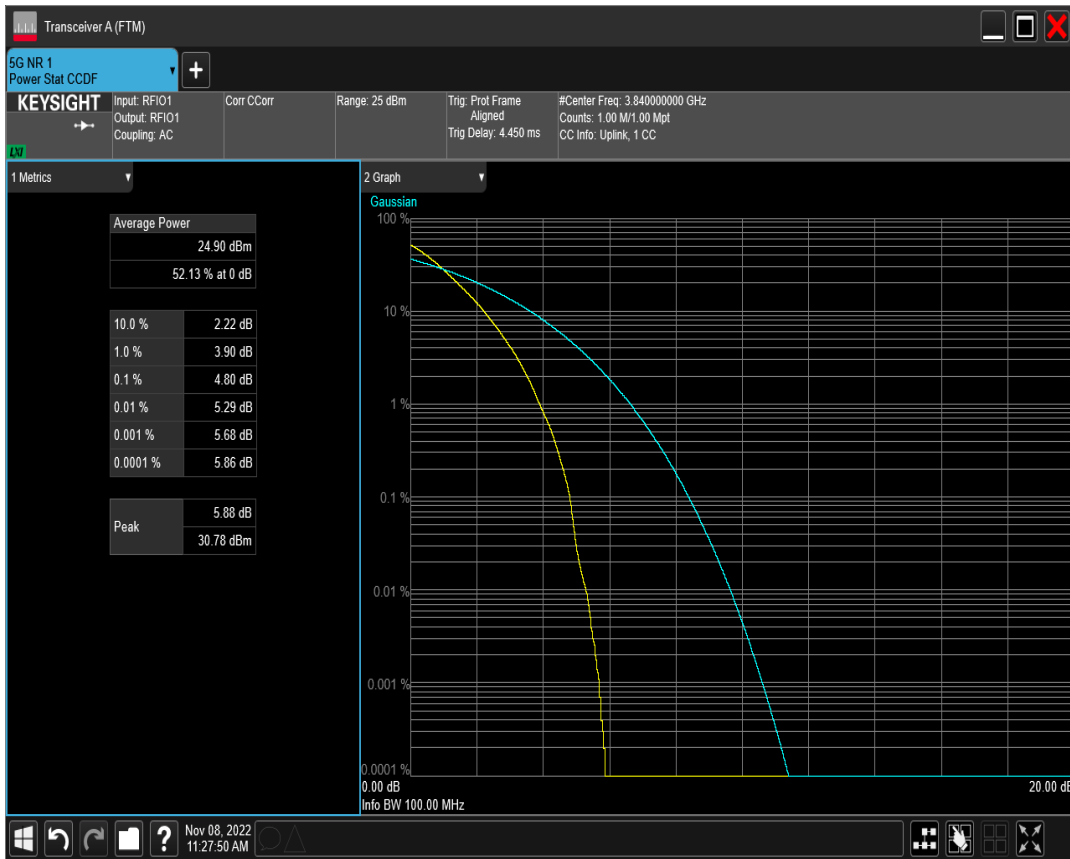
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=656000 RB=216@0



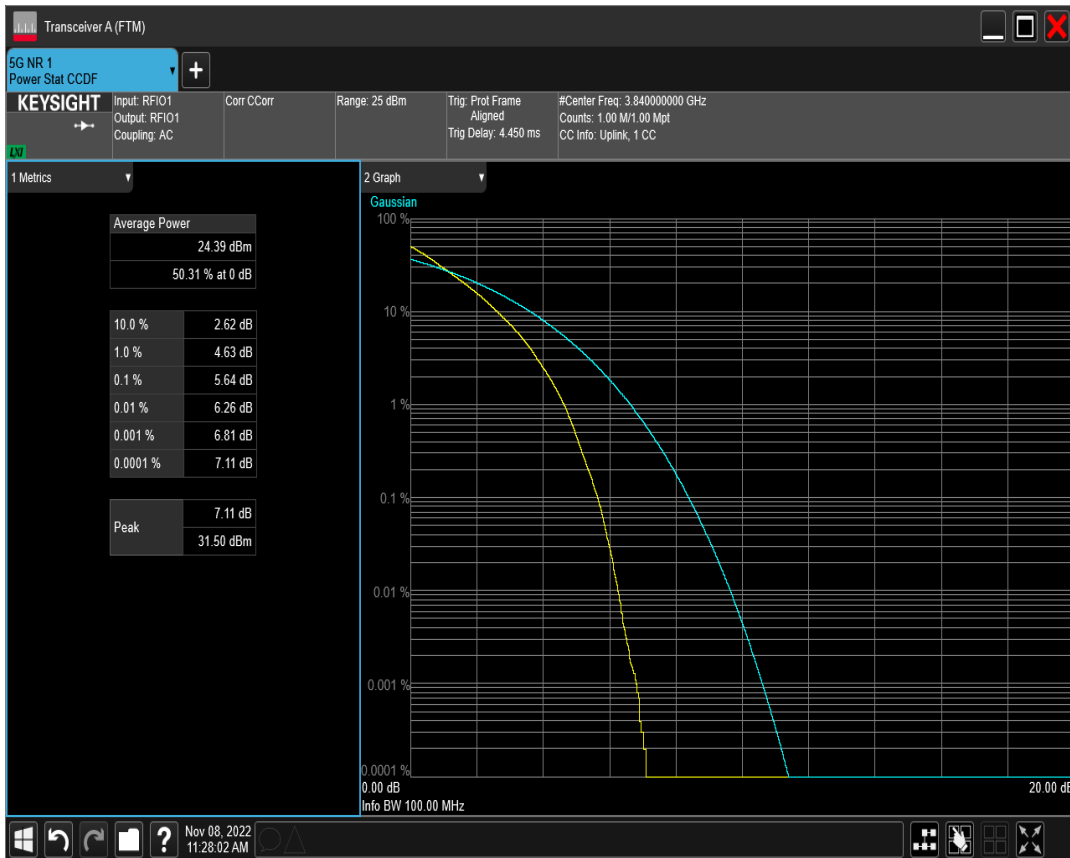
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=656000 RB=216@0



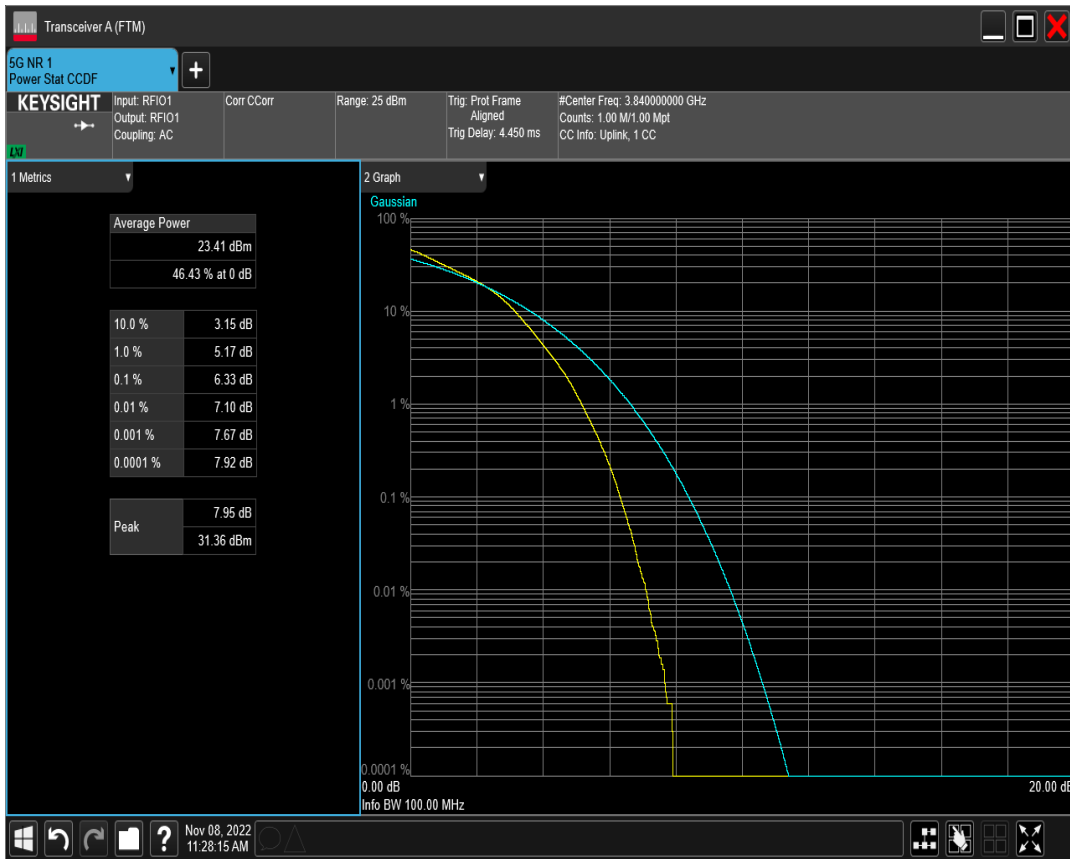
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=90MHz Channel=656000 RB=240@0



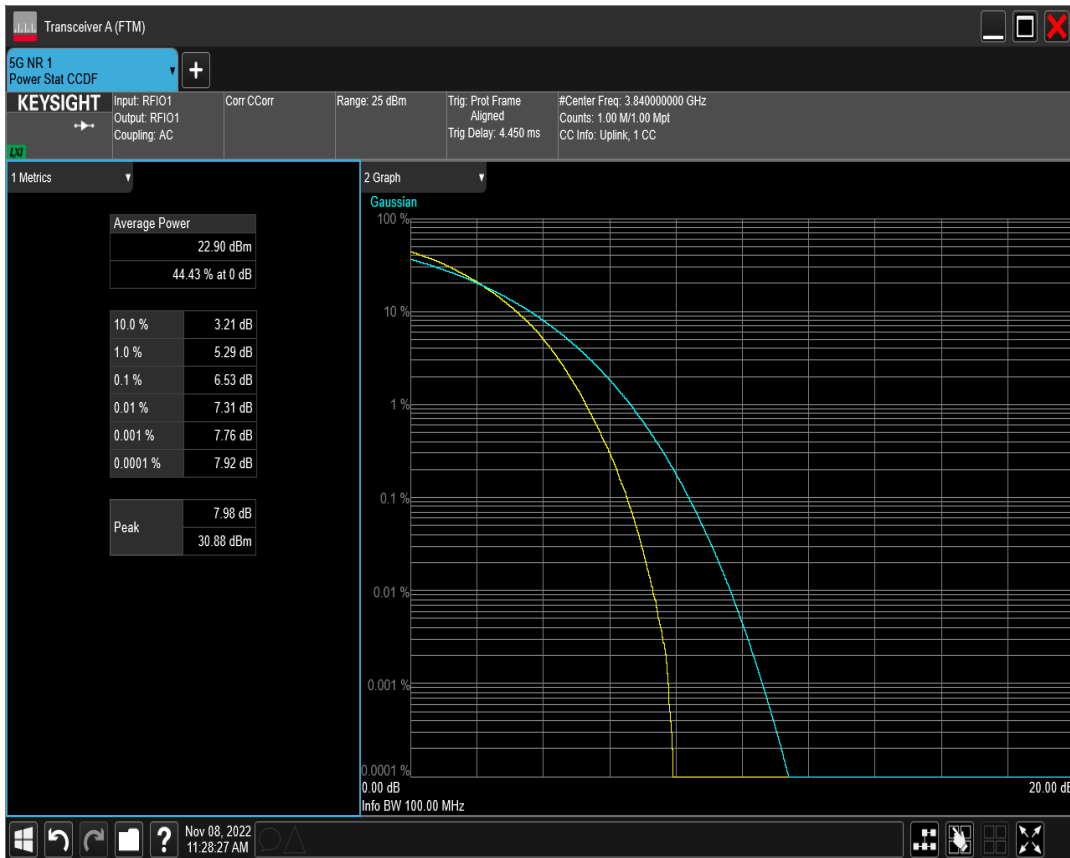
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=90MHz Channel=656000 RB=240@0



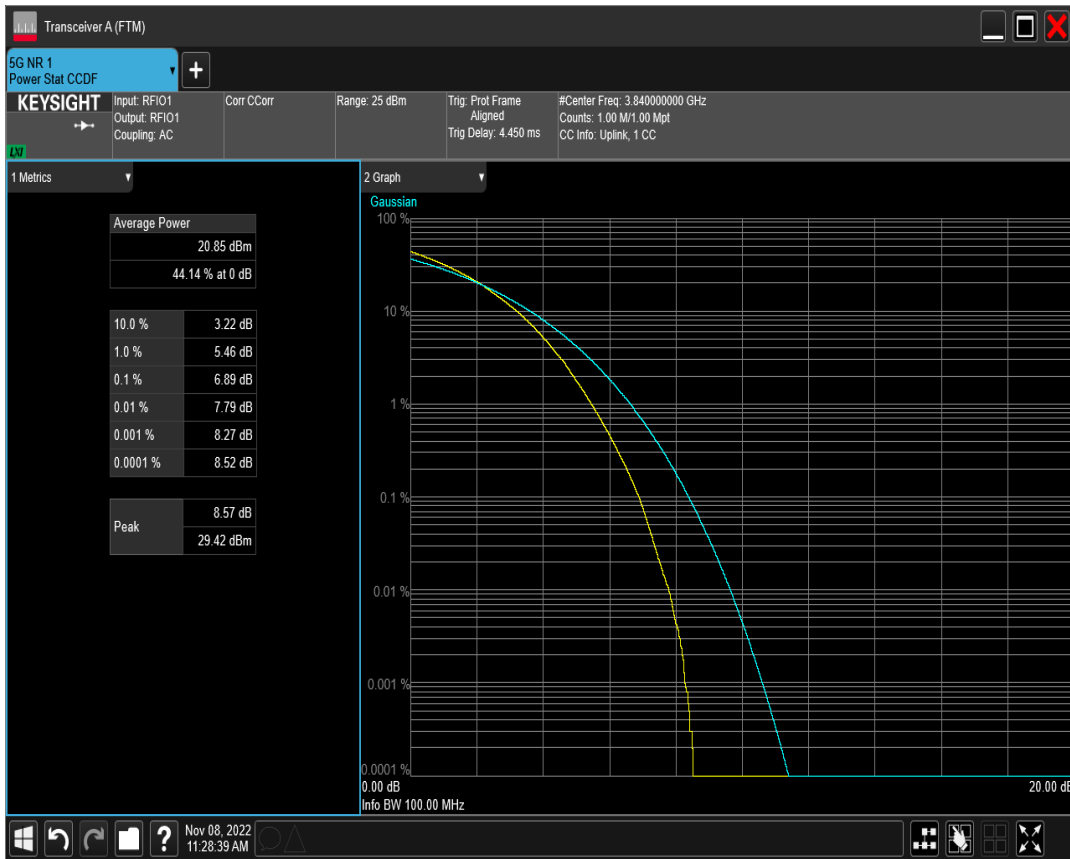
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=656000 RB=240@0



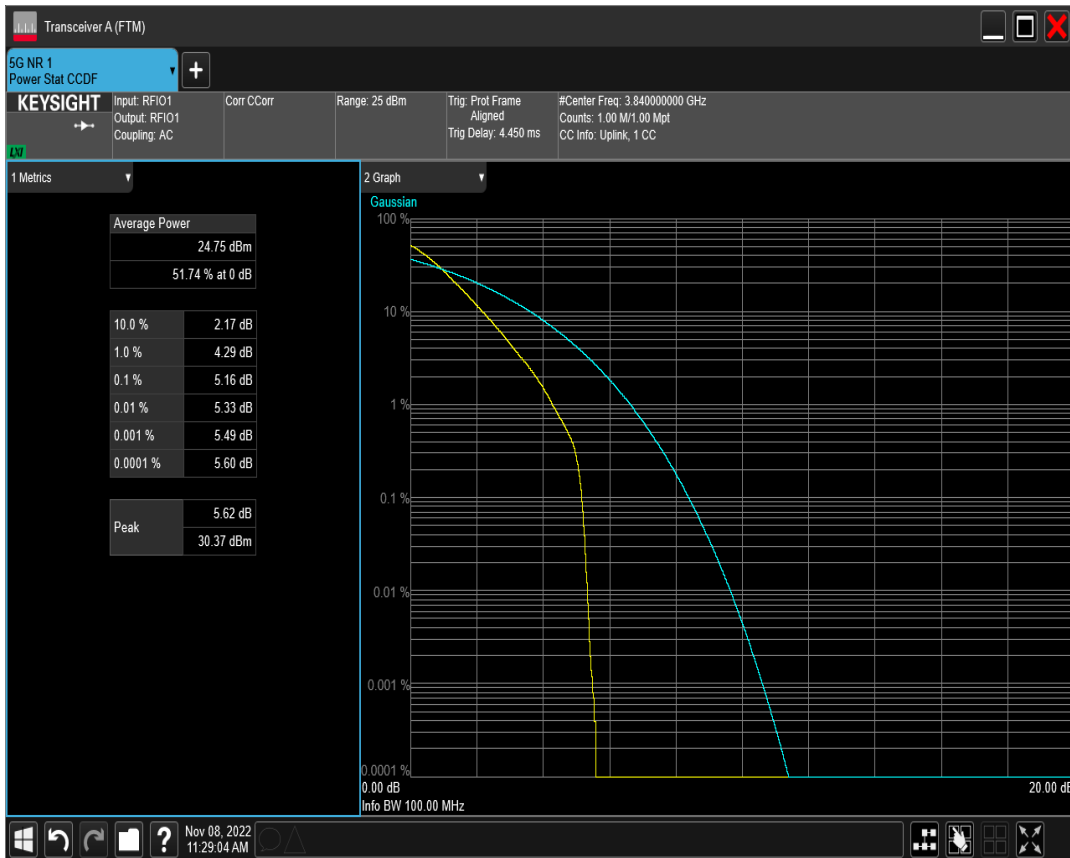
n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=656000 RB=240@0



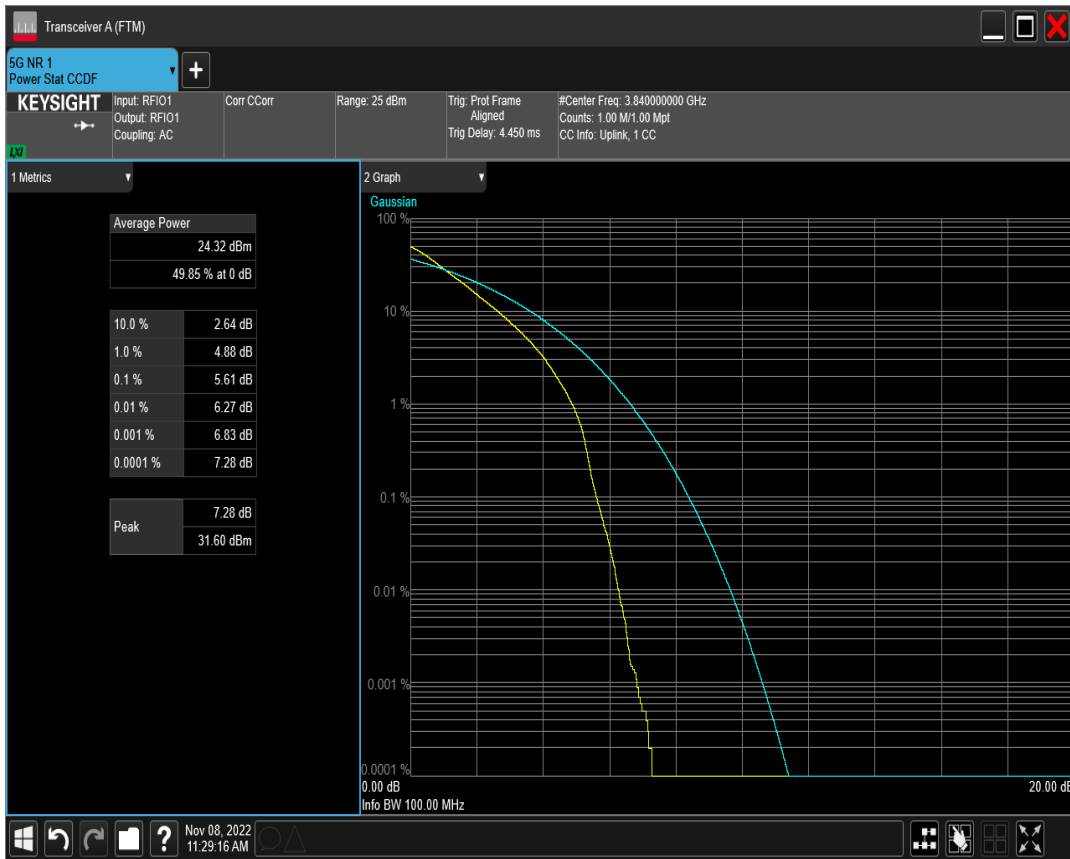
n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=656000 RB=240@0



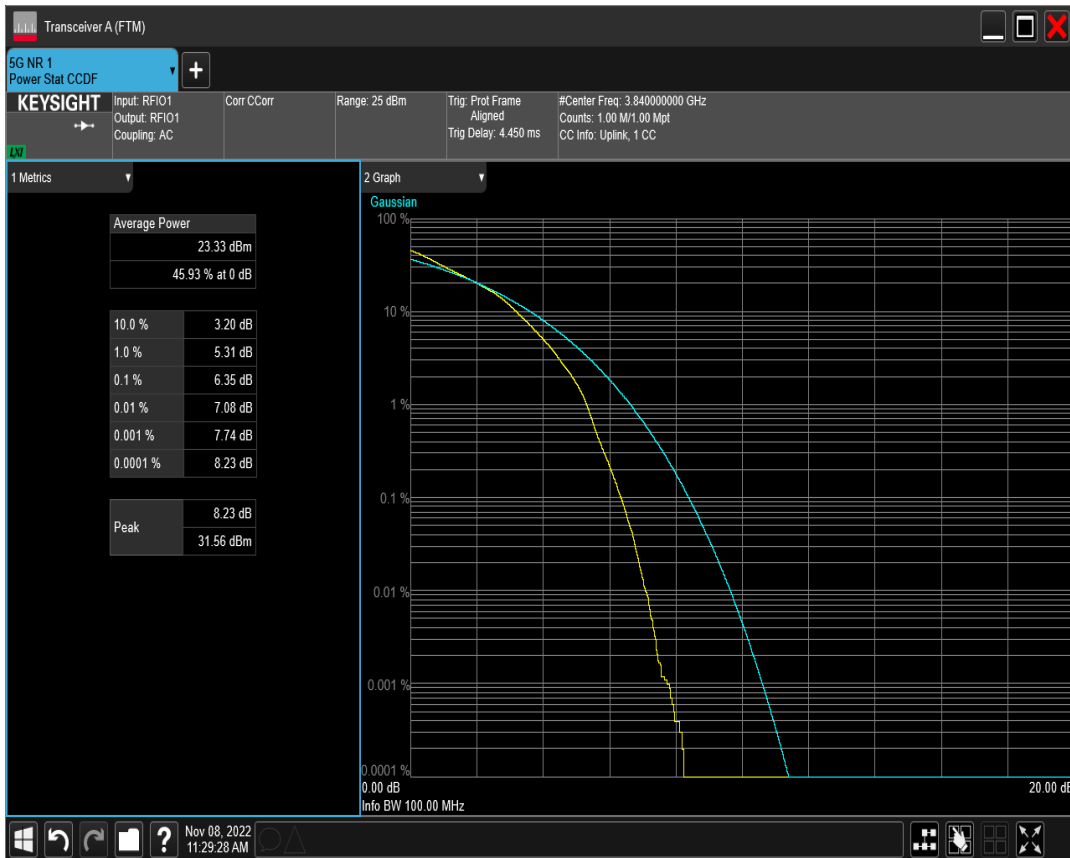
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=100MHz Channel=656000 RB=270@0



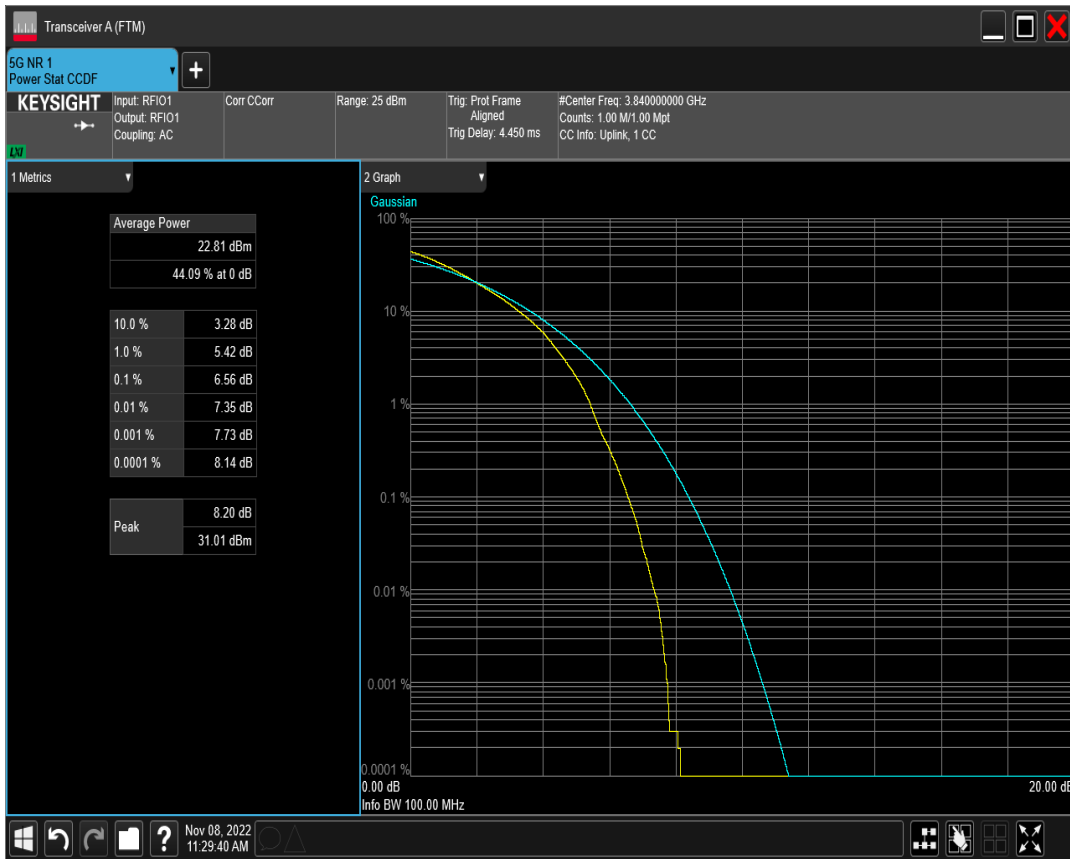
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=100MHz Channel=656000 RB=270@0



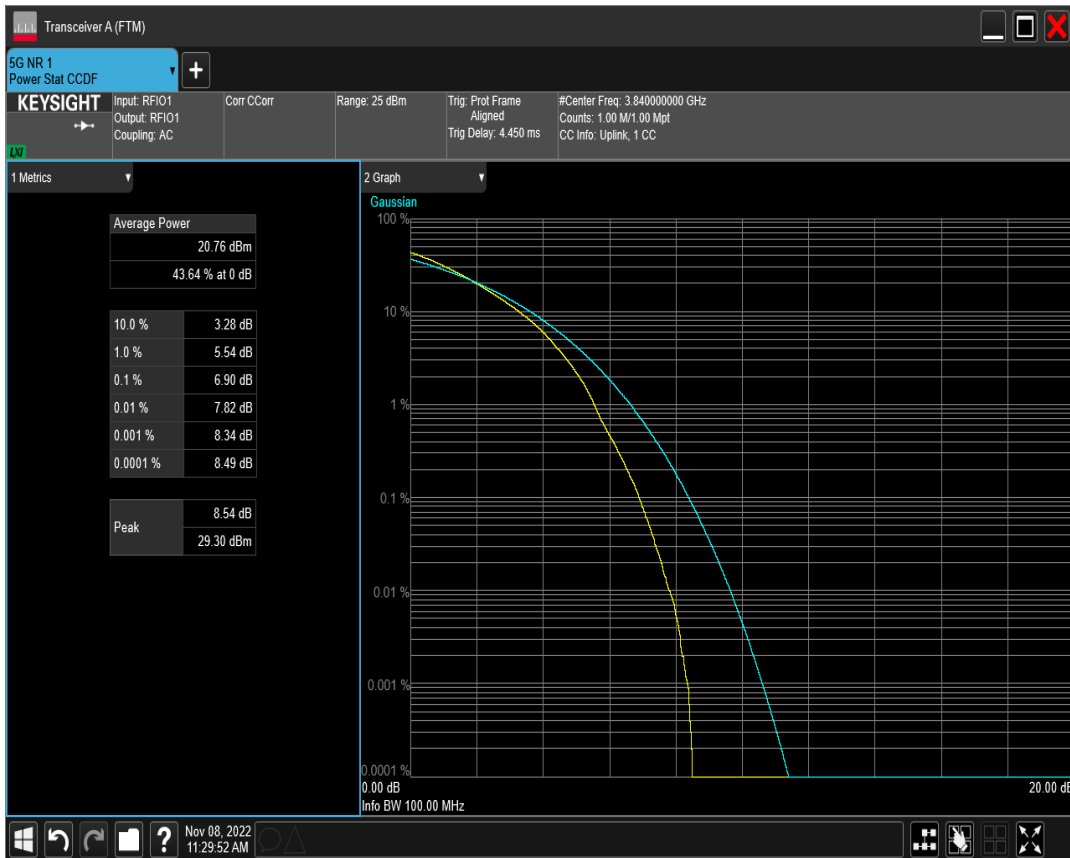
n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=100MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=30kHz DFT\_QAM256 BW=100MHz Channel=656000 RB=270@0



## 4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3700-3980)	30	10	647000	24@0	DFT_BPSK	8.610	9.200	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QPSK	8.610	9.160	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM16	8.610	9.180	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM64	8.610	9.180	PASS
n77(3700-3980)	30	10	647000	24@0	DFT_QAM256	8.640	9.180	PASS
n77(3700-3980)	30	10	647000	24@0	CP_QPSK	8.620	9.190	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_BPSK	8.610	9.200	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QPSK	8.610	9.190	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM16	8.620	9.200	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM64	8.610	9.220	PASS
n77(3700-3980)	30	10	656000	24@0	DFT_QAM256	8.640	9.270	PASS
n77(3700-3980)	30	10	656000	24@0	CP_QPSK	8.620	9.190	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_BPSK	8.610	9.230	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QPSK	8.610	9.190	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM16	8.610	9.180	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM64	8.620	9.190	PASS
n77(3700-3980)	30	10	665000	24@0	DFT_QAM256	8.640	9.220	PASS
n77(3700-3980)	30	10	665000	24@0	CP_QPSK	8.610	9.210	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_BPSK	13.460	13.690	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QPSK	13.500	13.730	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM16	13.500	13.720	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM64	13.510	13.750	PASS
n77(3700-3980)	30	15	647168	36@0	DFT_QAM256	13.500	13.740	PASS
n77(3700-3980)	30	15	647168	38@0	CP_QPSK	13.630	14.420	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_BPSK	13.440	13.690	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QPSK	13.460	13.720	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM16	13.500	13.740	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM64	13.510	13.700	PASS
n77(3700-3980)	30	15	656000	36@0	DFT_QAM256	13.460	13.740	PASS
n77(3700-3980)	30	15	656000	38@0	CP_QPSK	13.630	14.440	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_BPSK	13.530	13.750	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QPSK	13.470	13.730	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM16	13.510	13.690	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM64	13.520	13.750	PASS
n77(3700-3980)	30	15	664832	36@0	DFT_QAM256	13.510	13.750	PASS
n77(3700-3980)	30	15	664832	38@0	CP_QPSK	13.630	14.420	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_BPSK	18.090	18.930	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QPSK	18.080	18.900	PASS



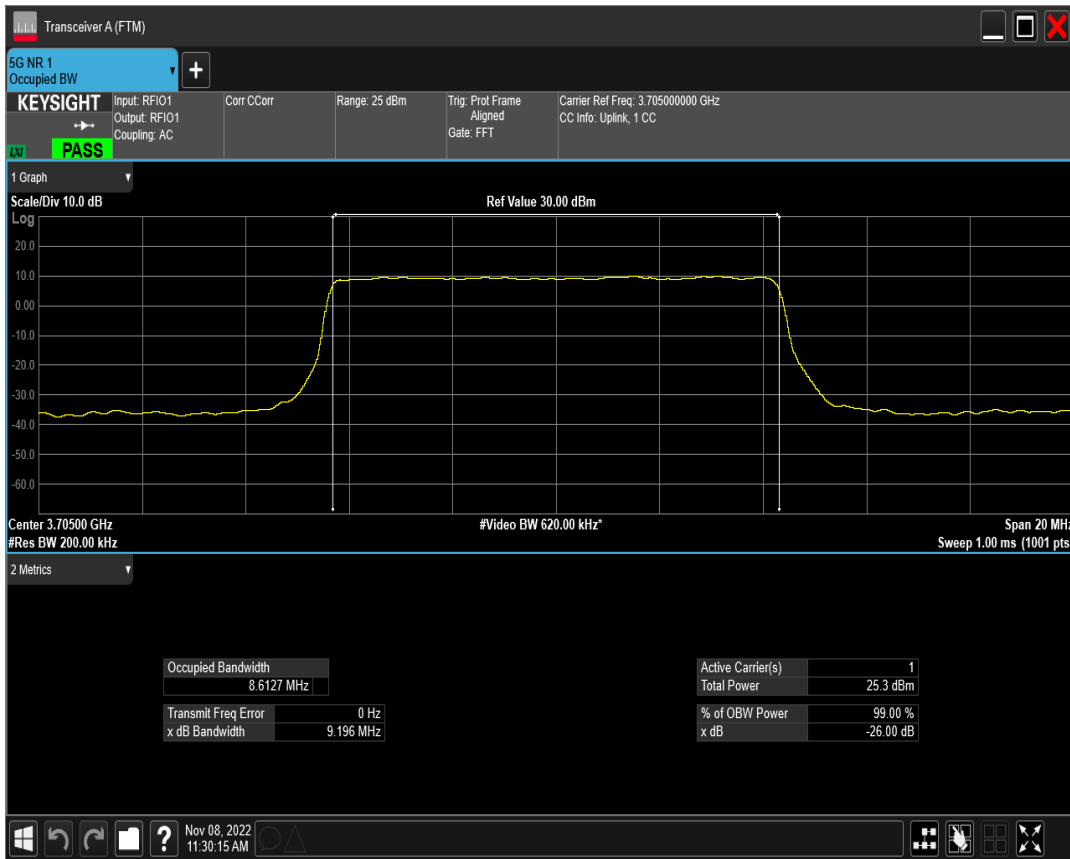
n77(3700-3980)	30	20	647334	50@0	DFT_QAM16	18.120	18.940	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM64	18.080	18.930	PASS
n77(3700-3980)	30	20	647334	50@0	DFT_QAM256	18.100	18.930	PASS
n77(3700-3980)	30	20	647334	51@0	CP_QPSK	18.280	19.330	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_BPSK	18.090	18.960	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QPSK	18.020	18.910	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM16	18.100	18.930	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM64	18.030	18.920	PASS
n77(3700-3980)	30	20	656000	50@0	DFT_QAM256	18.080	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	18.100	18.990	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QPSK	18.110	18.940	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM16	18.110	18.930	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM64	18.090	18.920	PASS
n77(3700-3980)	30	20	664666	50@0	DFT_QAM256	18.030	18.920	PASS
n77(3700-3980)	30	20	664666	51@0	CP_QPSK	18.270	19.300	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_BPSK	27.620	28.440	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QPSK	27.600	28.420	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM16	27.630	28.430	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM64	27.650	28.440	PASS
n77(3700-3980)	30	30	647668	75@0	DFT_QAM256	27.640	28.450	PASS
n77(3700-3980)	30	30	647668	78@0	CP_QPSK	27.990	29.560	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_BPSK	27.600	28.460	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QPSK	27.530	28.440	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM16	27.620	28.430	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM64	27.610	28.420	PASS
n77(3700-3980)	30	30	656000	75@0	DFT_QAM256	27.640	28.450	PASS
n77(3700-3980)	30	30	656000	78@0	CP_QPSK	27.980	29.530	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_BPSK	27.620	28.470	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QPSK	27.520	28.420	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM16	27.610	28.400	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM64	27.630	28.420	PASS
n77(3700-3980)	30	30	664332	75@0	DFT_QAM256	27.660	28.460	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	37.600	37.880	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QPSK	37.620	37.870	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM16	37.470	37.900	PASS
n77(3700-3980)	30	40	648000	100@0	DFT_QAM64	37.640	37.900	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	37.990	40.060	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_BPSK	37.440	37.850	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QPSK	37.470	37.860	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM16	37.350	37.890	PASS

n77(3700-3980)	30	40	656000	100@0	DFT_QAM64	37.500	37.870	PASS
n77(3700-3980)	30	40	656000	100@0	DFT_QAM256	37.480	37.840	PASS
n77(3700-3980)	30	40	656000	106@0	CP_QPSK	37.970	40.030	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_BPSK	37.450	37.870	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QPSK	37.480	37.880	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM16	37.350	37.860	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM64	37.510	37.880	PASS
n77(3700-3980)	30	40	664000	100@0	DFT_QAM256	37.350	37.860	PASS
n77(3700-3980)	30	40	664000	106@0	CP_QPSK	37.970	40.030	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_BPSK	47.060	48.380	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QPSK	47.210	48.420	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM16	47.070	48.380	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM64	47.080	48.380	PASS
n77(3700-3980)	30	50	648334	128@0	DFT_QAM256	47.070	48.370	PASS
n77(3700-3980)	30	50	648334	133@0	CP_QPSK	47.670	50.240	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_BPSK	46.880	48.350	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QPSK	47.000	48.350	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM16	47.050	48.380	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM64	46.870	48.330	PASS
n77(3700-3980)	30	50	656000	128@0	DFT_QAM256	47.020	48.350	PASS
n77(3700-3980)	30	50	656000	133@0	CP_QPSK	47.660	50.220	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_BPSK	47.020	48.370	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QPSK	47.020	48.370	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM16	47.010	48.350	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM64	46.890	48.340	PASS
n77(3700-3980)	30	50	663666	128@0	DFT_QAM256	47.030	48.370	PASS
n77(3700-3980)	30	50	663666	133@0	CP_QPSK	47.660	50.230	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_BPSK	57.950	60.980	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QPSK	58.090	61.020	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM16	57.960	61.000	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM64	58.080	60.970	PASS
n77(3700-3980)	30	60	648668	162@0	DFT_QAM256	58.090	61.010	PASS
n77(3700-3980)	30	60	648668	162@0	CP_QPSK	58.090	61.050	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_BPSK	57.940	60.950	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QPSK	58.090	60.980	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM16	57.930	60.950	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM64	57.960	60.950	PASS
n77(3700-3980)	30	60	656000	162@0	DFT_QAM256	58.080	60.980	PASS
n77(3700-3980)	30	60	656000	162@0	CP_QPSK	58.080	61.020	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_BPSK	57.960	60.960	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QPSK	58.090	60.990	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM16	57.950	60.970	PASS
n77(3700-3980)	30	60	663332	162@0	DFT_QAM64	57.960	60.950	PASS

n77(3700-3980)	30	60	663332	162@0	DFT_QAM256	58.090	60.990	PASS
n77(3700-3980)	30	60	663332	162@0	CP_QPSK	58.090	61.020	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_BPSK	77.450	81.370	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QPSK	77.460	81.400	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM16	77.470	81.370	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM64	77.270	81.320	PASS
n77(3700-3980)	30	80	649334	216@0	DFT_QAM256	77.500	81.380	PASS
n77(3700-3980)	30	80	649334	217@0	CP_QPSK	77.800	81.810	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_BPSK	77.280	81.350	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QPSK	77.260	81.310	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM16	77.450	81.350	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM64	77.260	81.280	PASS
n77(3700-3980)	30	80	656000	216@0	DFT_QAM256	77.240	81.260	PASS
n77(3700-3980)	30	80	656000	217@0	CP_QPSK	77.810	81.770	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_BPSK	77.270	81.320	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QPSK	77.240	81.290	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM16	77.440	81.330	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM64	77.250	81.280	PASS
n77(3700-3980)	30	80	662666	216@0	DFT_QAM256	77.460	81.340	PASS
n77(3700-3980)	30	80	662666	217@0	CP_QPSK	77.780	81.760	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_BPSK	86.570	90.550	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QPSK	86.560	90.540	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM16	86.770	90.520	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM64	86.570	90.540	PASS
n77(3700-3980)	30	90	649668	240@0	DFT_QAM256	86.770	90.490	PASS
n77(3700-3980)	30	90	649668	245@0	CP_QPSK	87.650	92.350	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_BPSK	86.420	90.430	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QPSK	86.440	90.460	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM16	86.410	90.460	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM64	86.440	90.460	PASS
n77(3700-3980)	30	90	656000	240@0	DFT_QAM256	86.460	90.430	PASS
n77(3700-3980)	30	90	656000	245@0	CP_QPSK	87.840	92.290	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_BPSK	86.460	90.460	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QPSK	86.450	90.450	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM16	86.430	90.440	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM64	86.490	90.460	PASS
n77(3700-3980)	30	90	662332	240@0	DFT_QAM256	86.480	90.420	PASS
n77(3700-3980)	30	90	662332	245@0	CP_QPSK	87.660	92.290	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_BPSK	96.830	101.610	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QPSK	96.840	101.660	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM16	96.820	101.610	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM64	96.850	101.650	PASS
n77(3700-3980)	30	100	650000	270@0	DFT_QAM256	96.810	101.610	PASS

n77(3700-3980)	30	100	650000	273@0	CP_QPSK	97.680	102.770	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_BPSK	96.540	101.570	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QPSK	96.560	101.620	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM16	96.580	101.610	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM64	96.570	101.590	PASS
n77(3700-3980)	30	100	656000	270@0	DFT_QAM256	96.530	101.550	PASS
n77(3700-3980)	30	100	656000	273@0	CP_QPSK	97.670	102.710	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_BPSK	96.560	101.560	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QPSK	96.580	101.620	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM16	96.560	101.550	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM64	96.560	101.590	PASS
n77(3700-3980)	30	100	662000	270@0	DFT_QAM256	96.540	101.590	PASS
n77(3700-3980)	30	100	662000	273@0	CP_QPSK	97.670	102.700	PASS

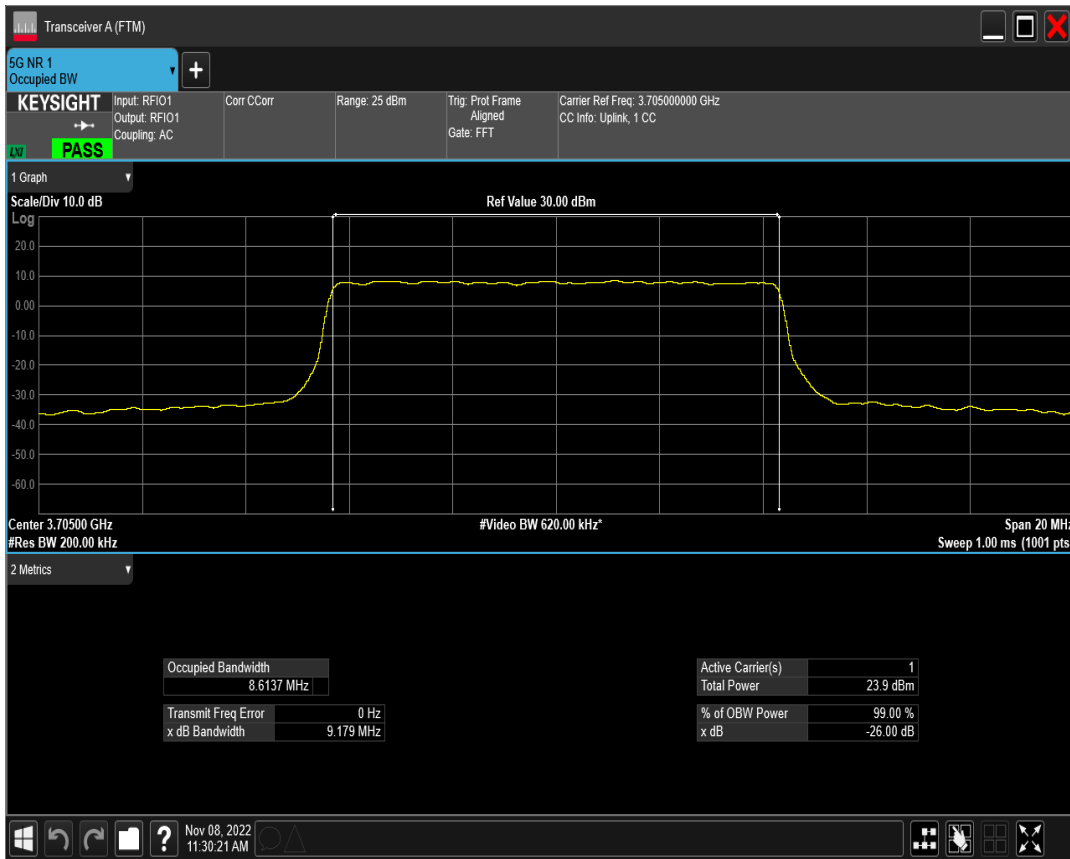
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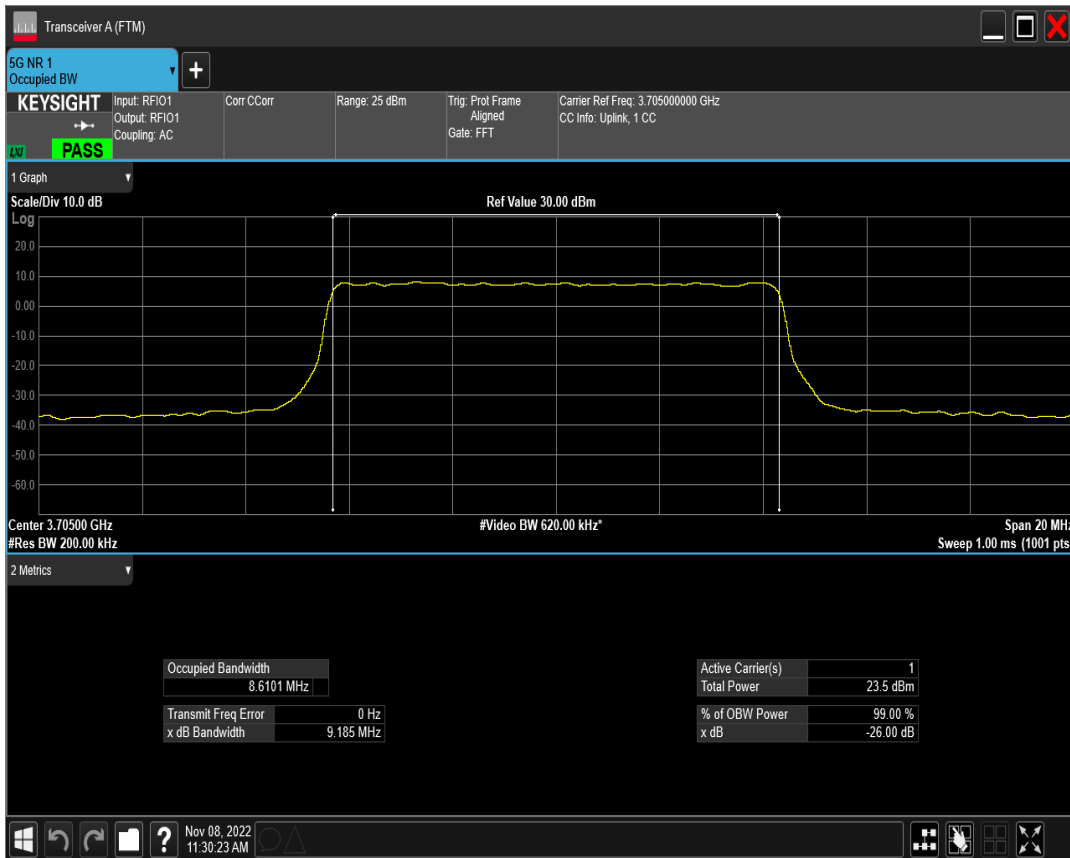
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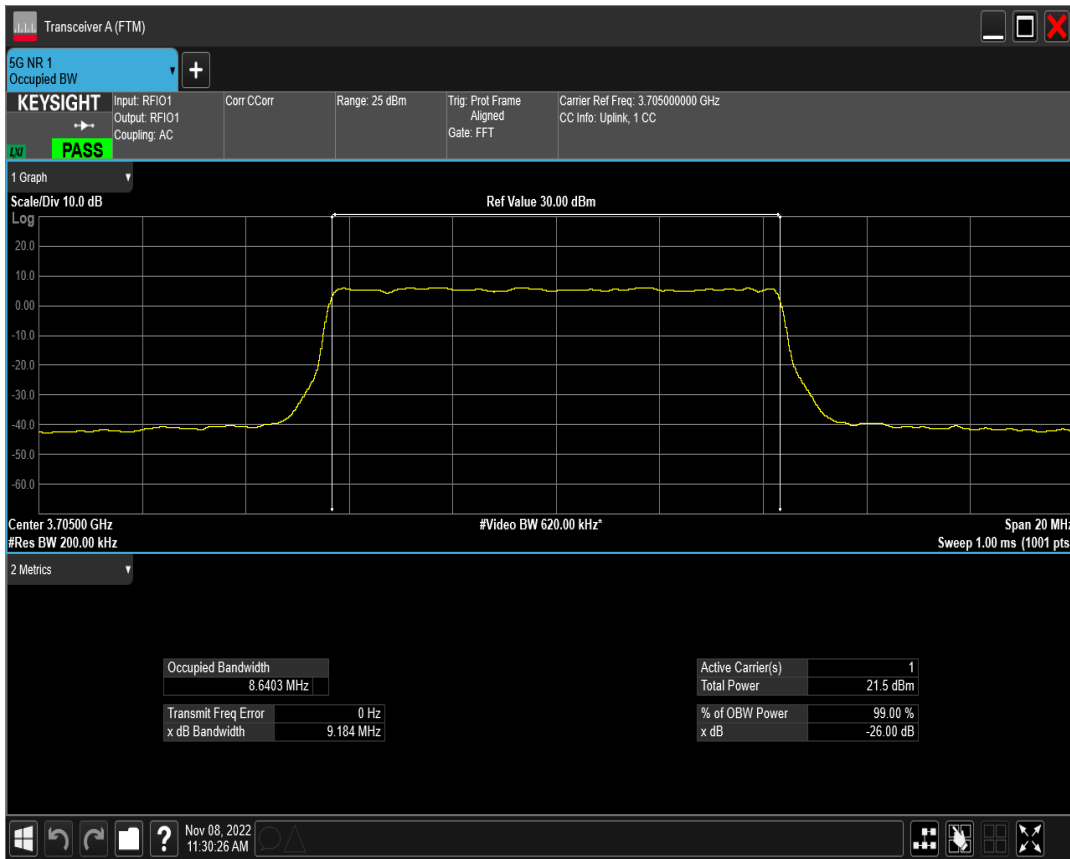
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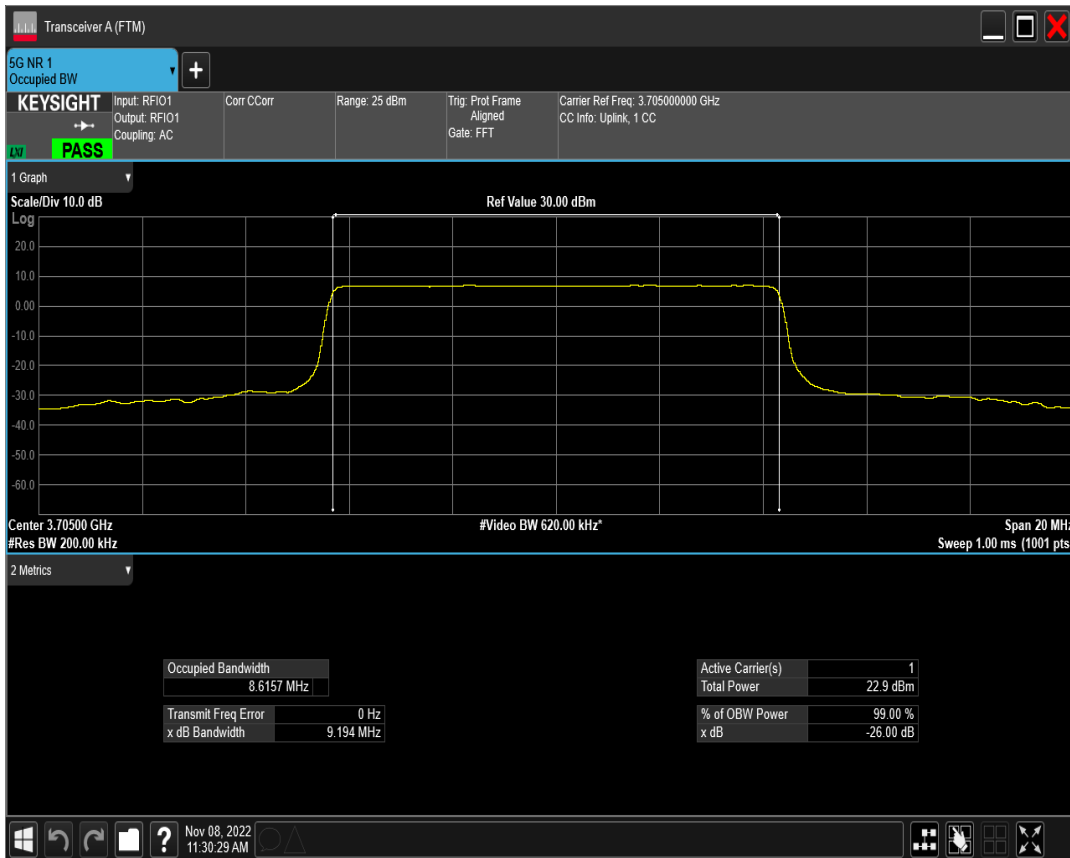
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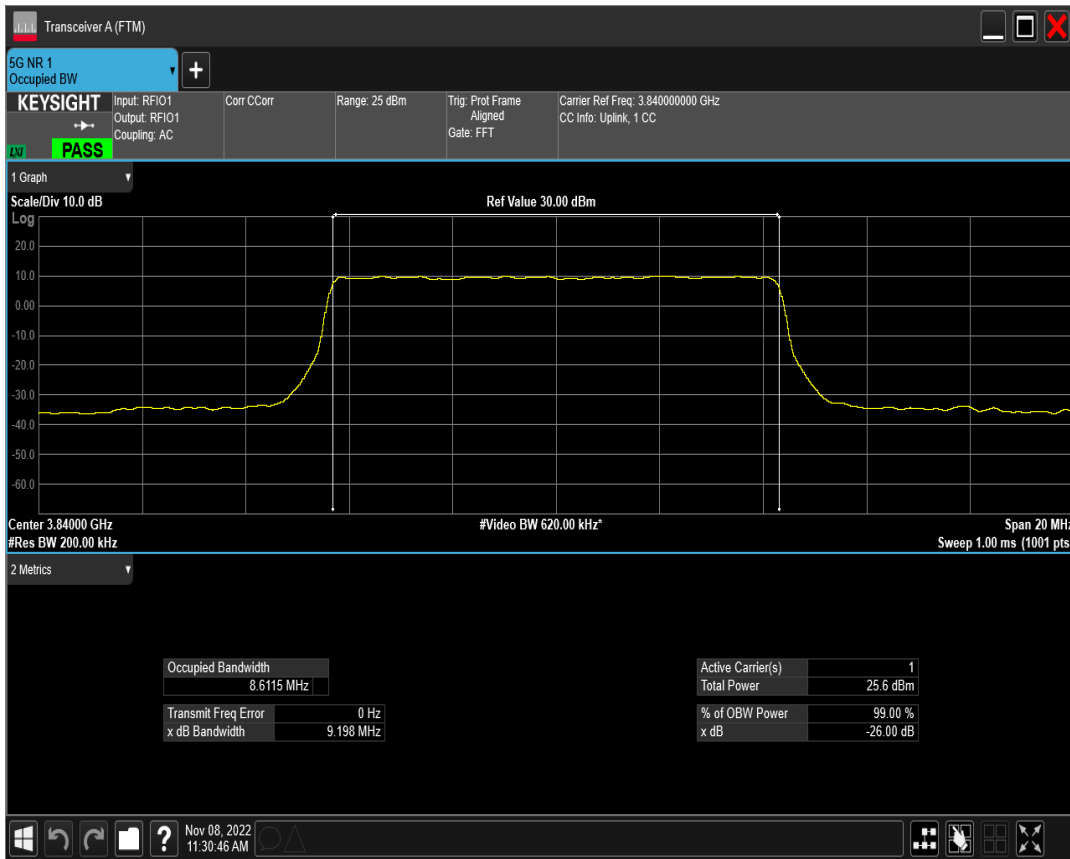
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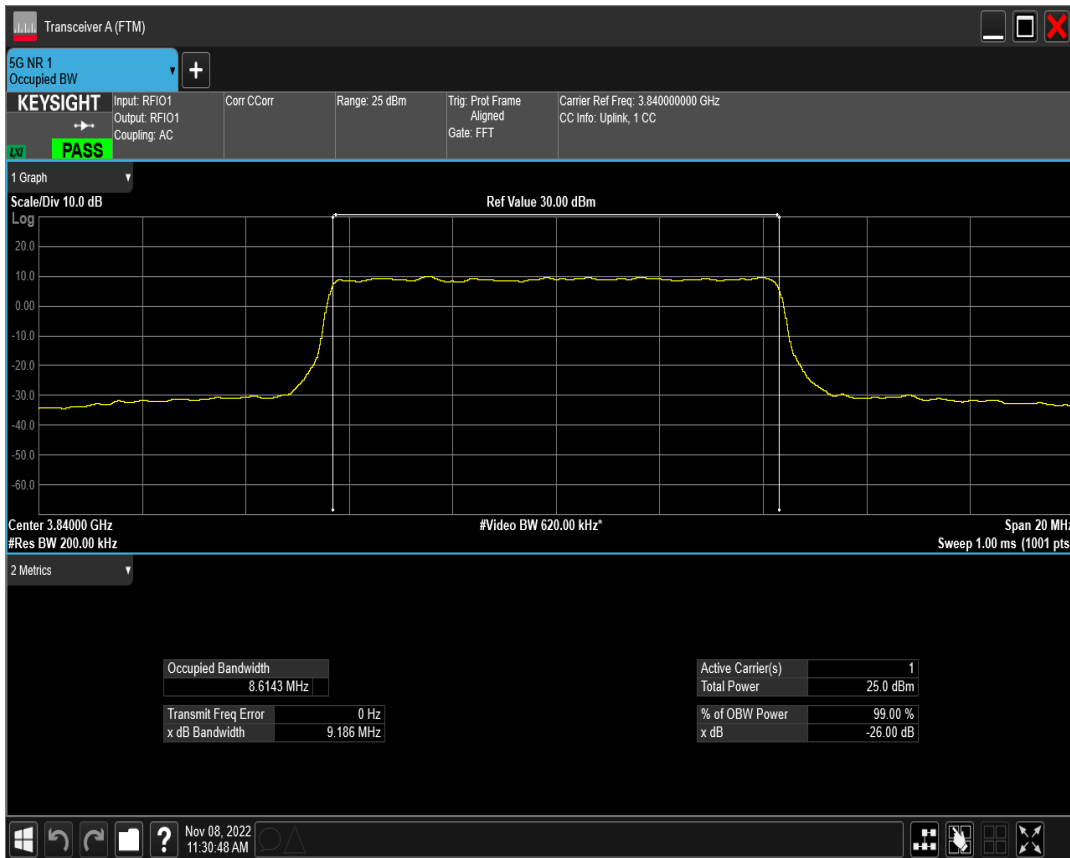
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n77(3700-3980) SCS=30kHz DFT\_BPSK BW=10MHz Channel=656000 RB=24@0

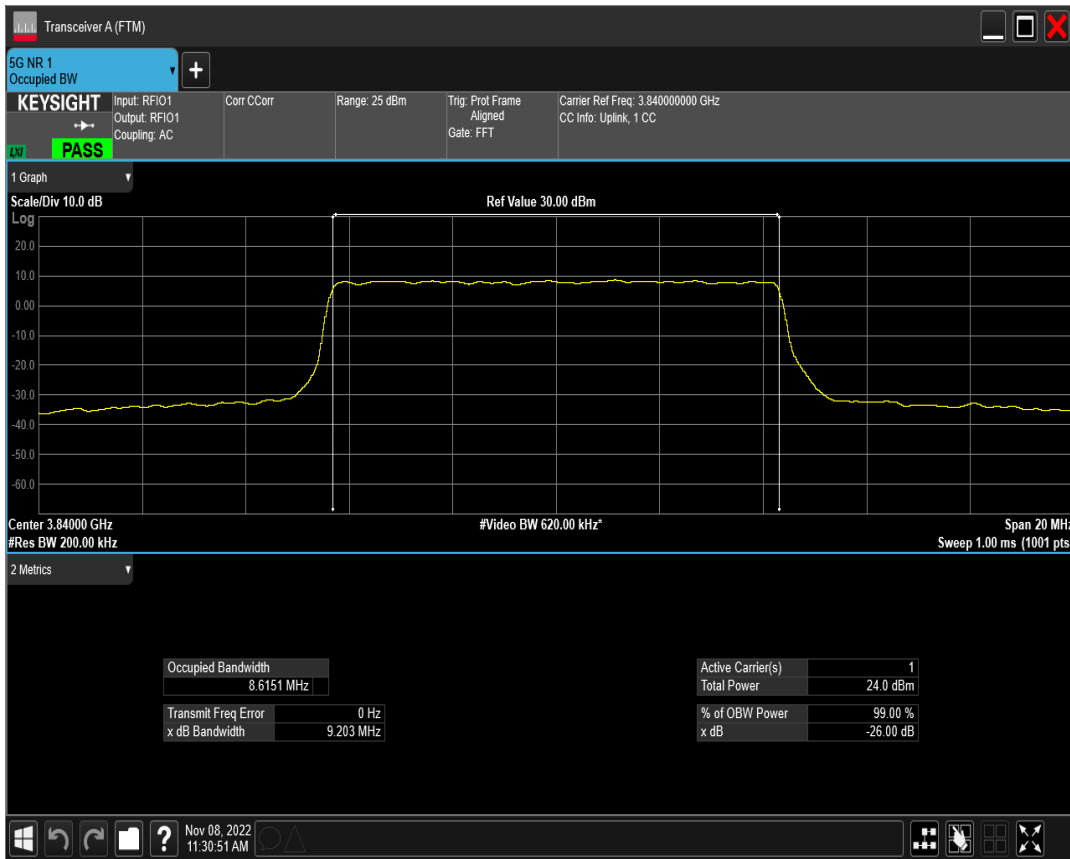


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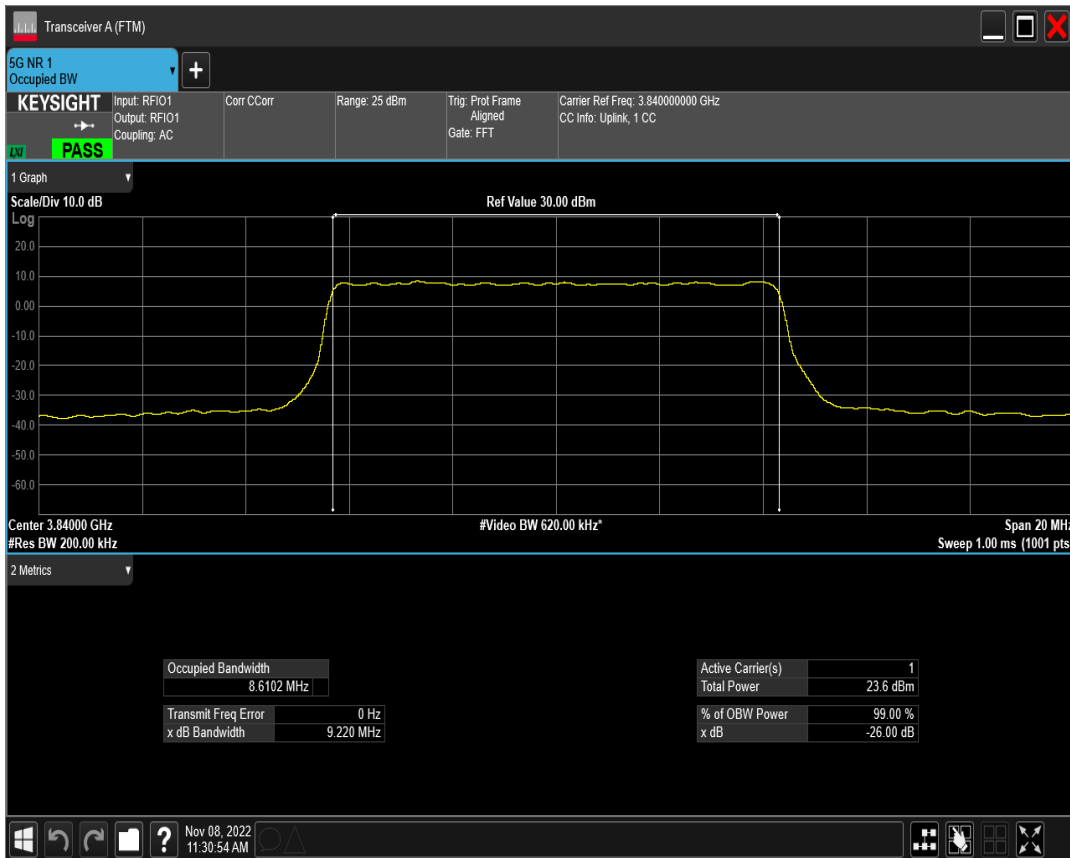




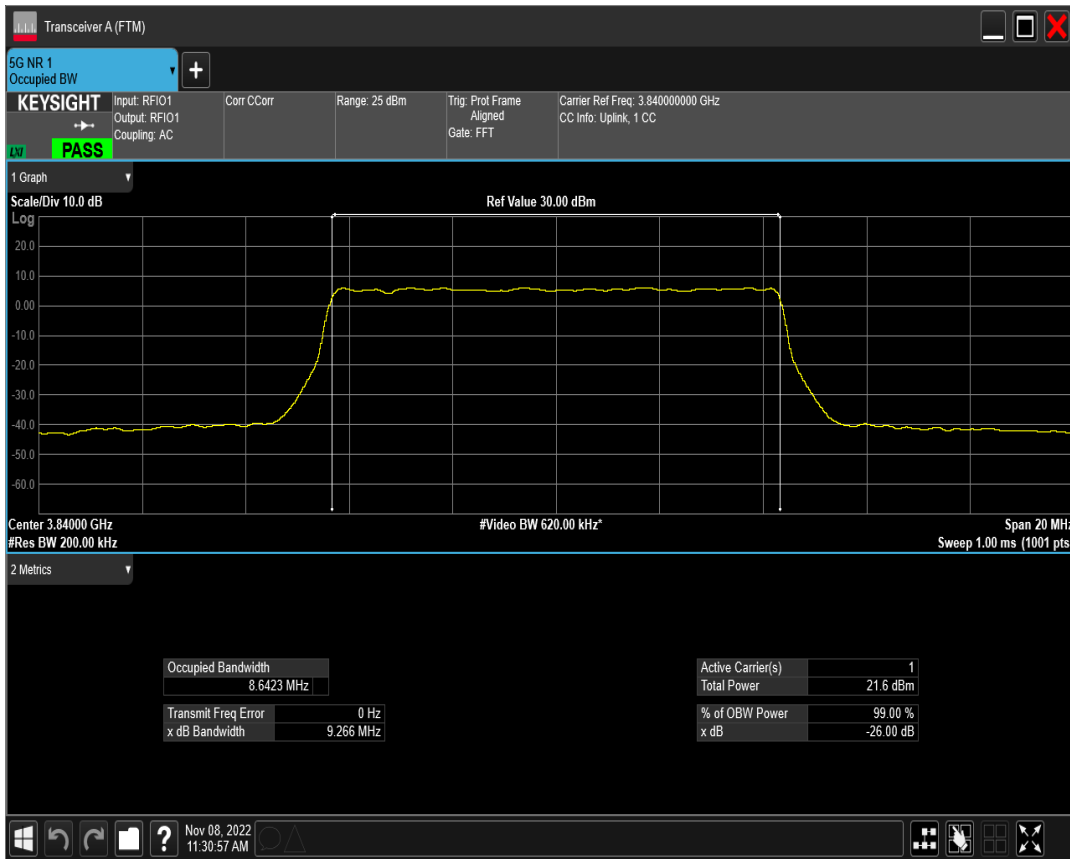
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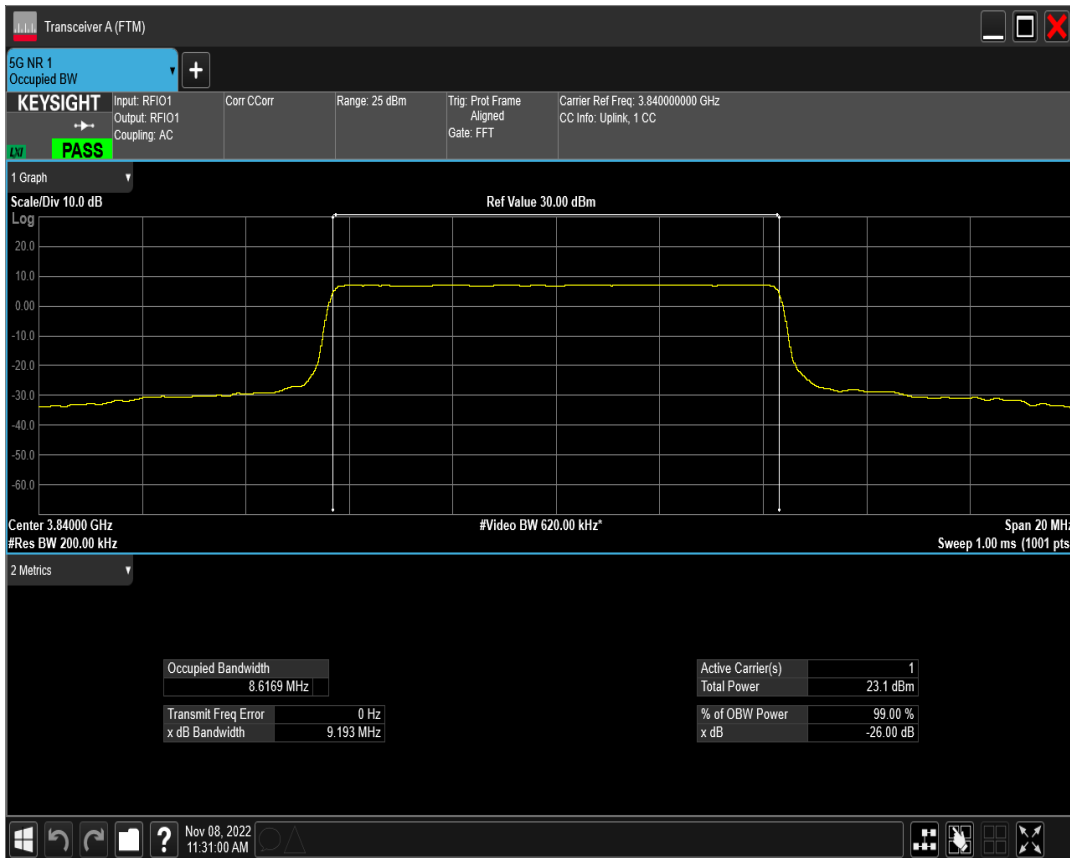
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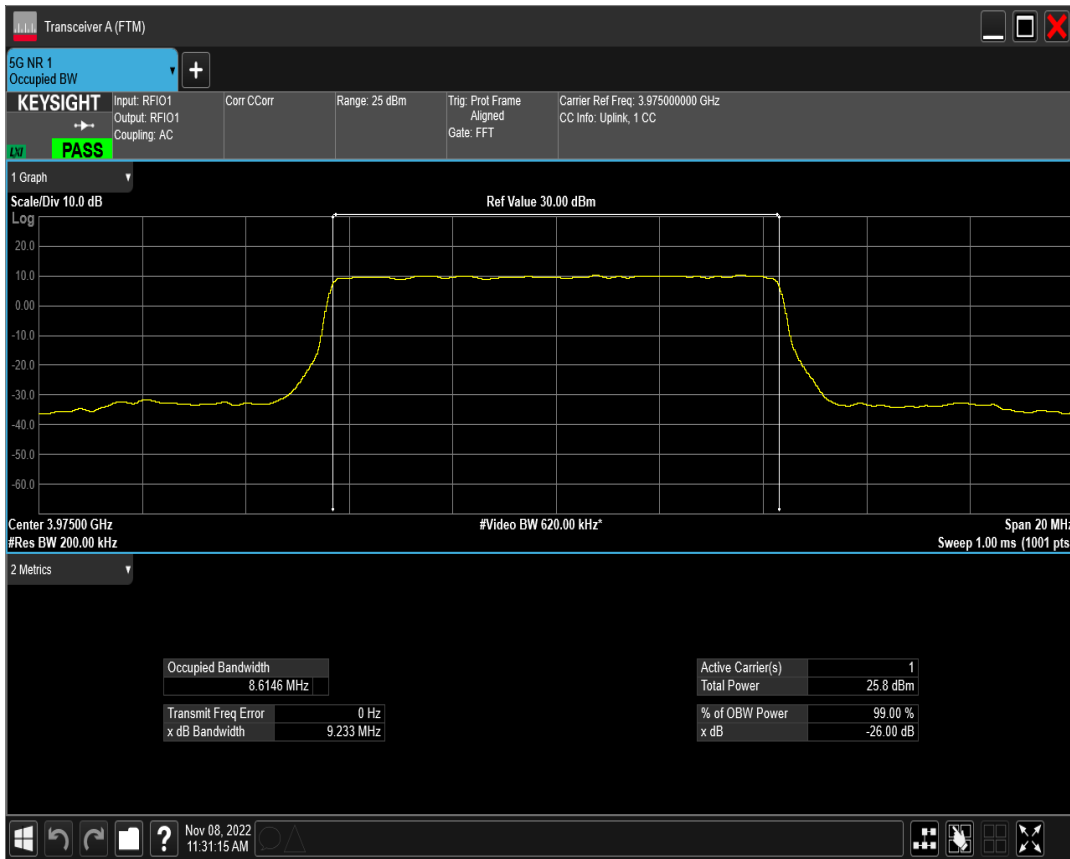
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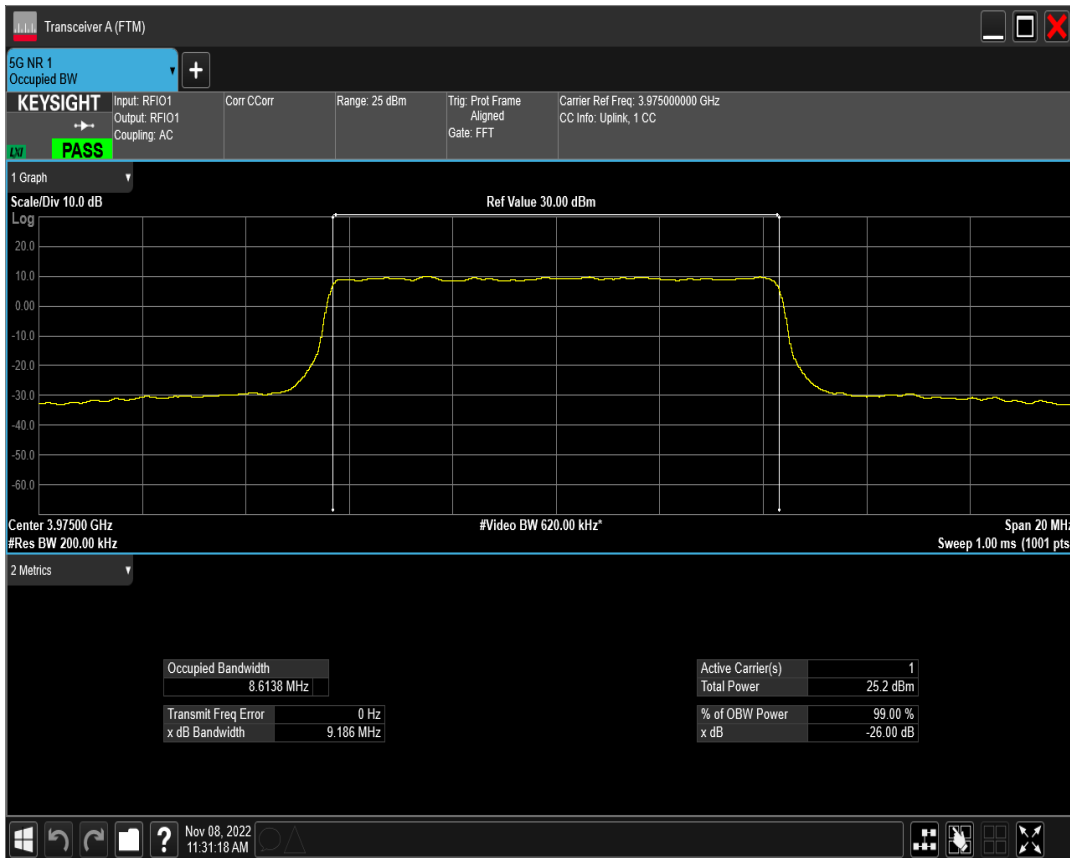
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n77(3700-3980) SCS=30kHz DFT\_BPSK BW=10MHz Channel=665000 RB=24@0



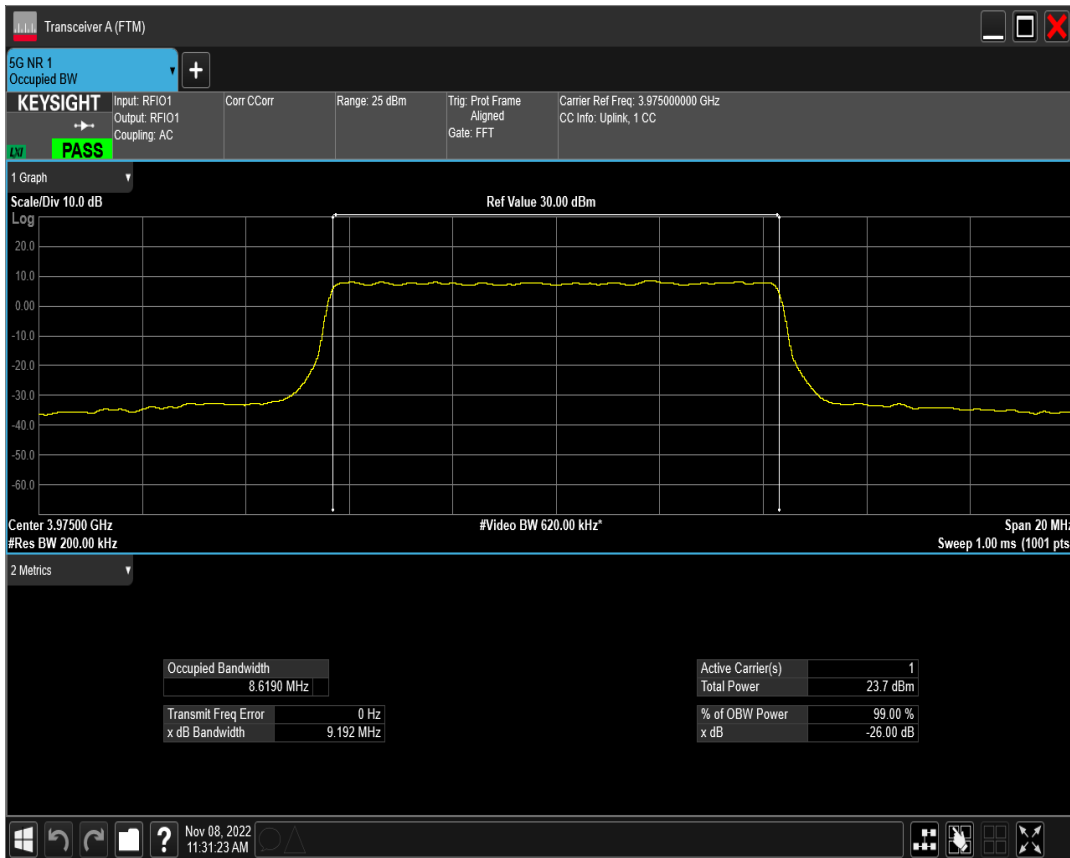
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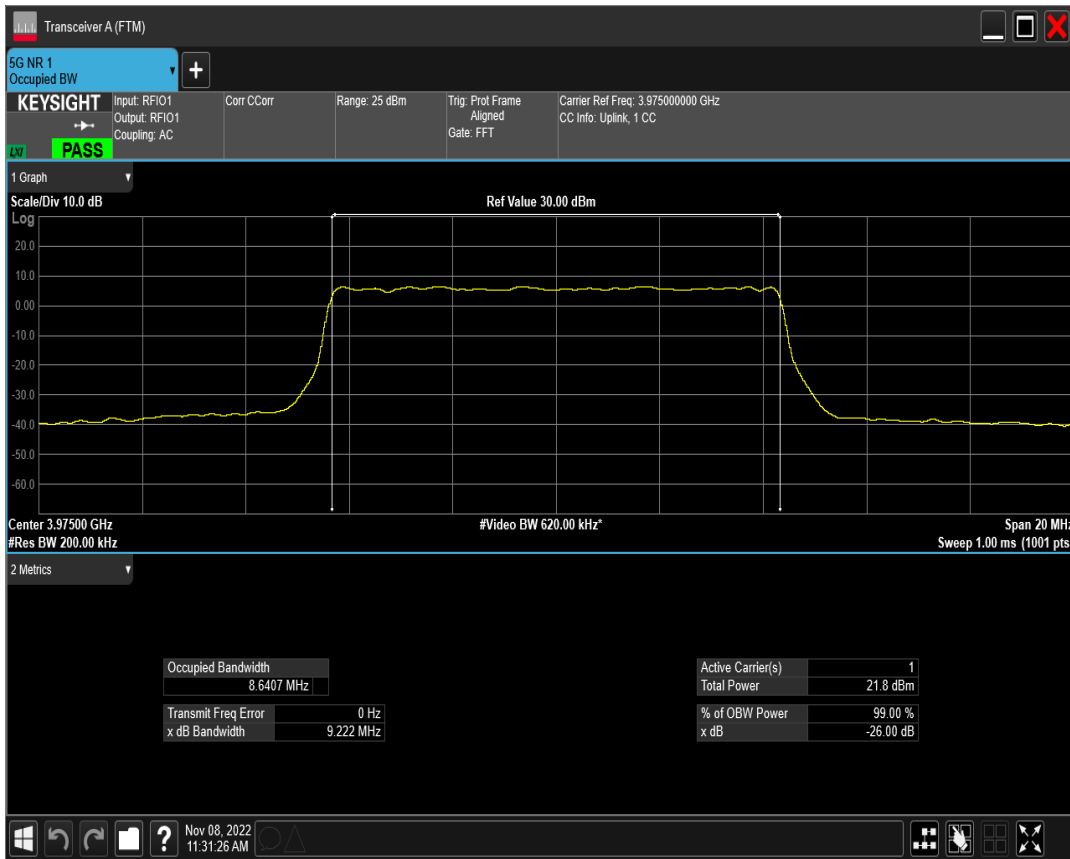
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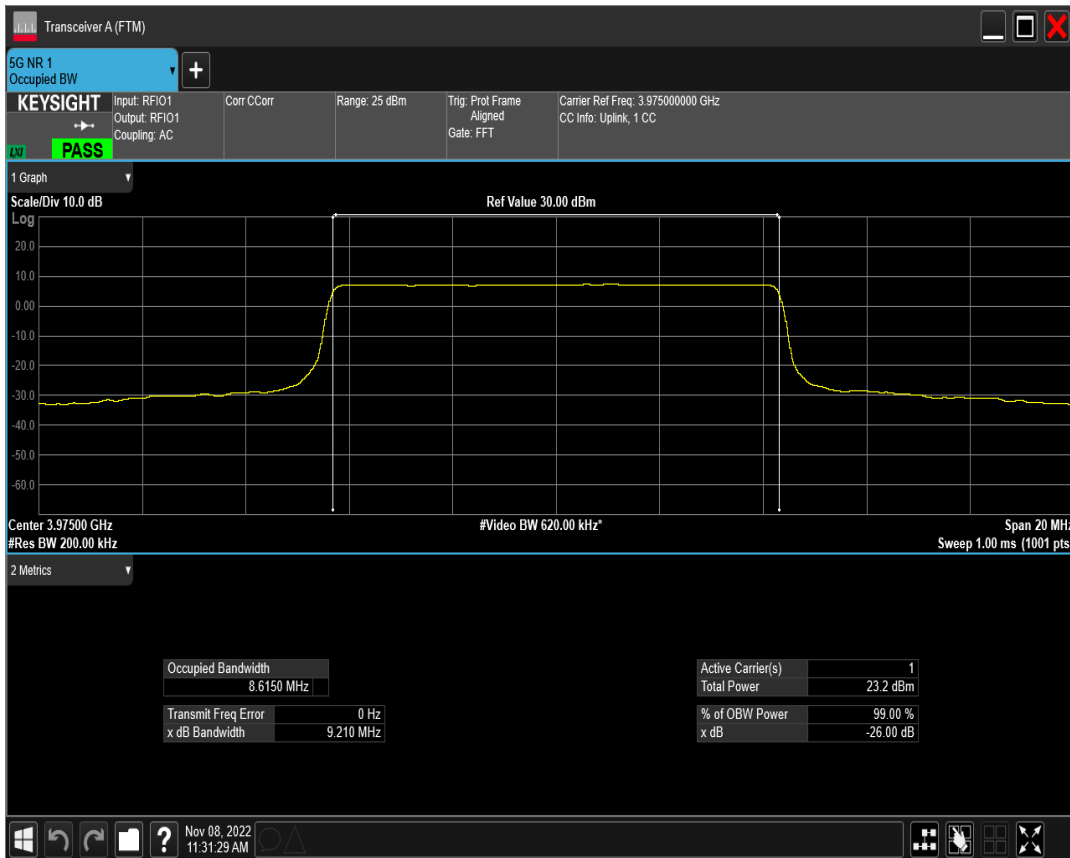
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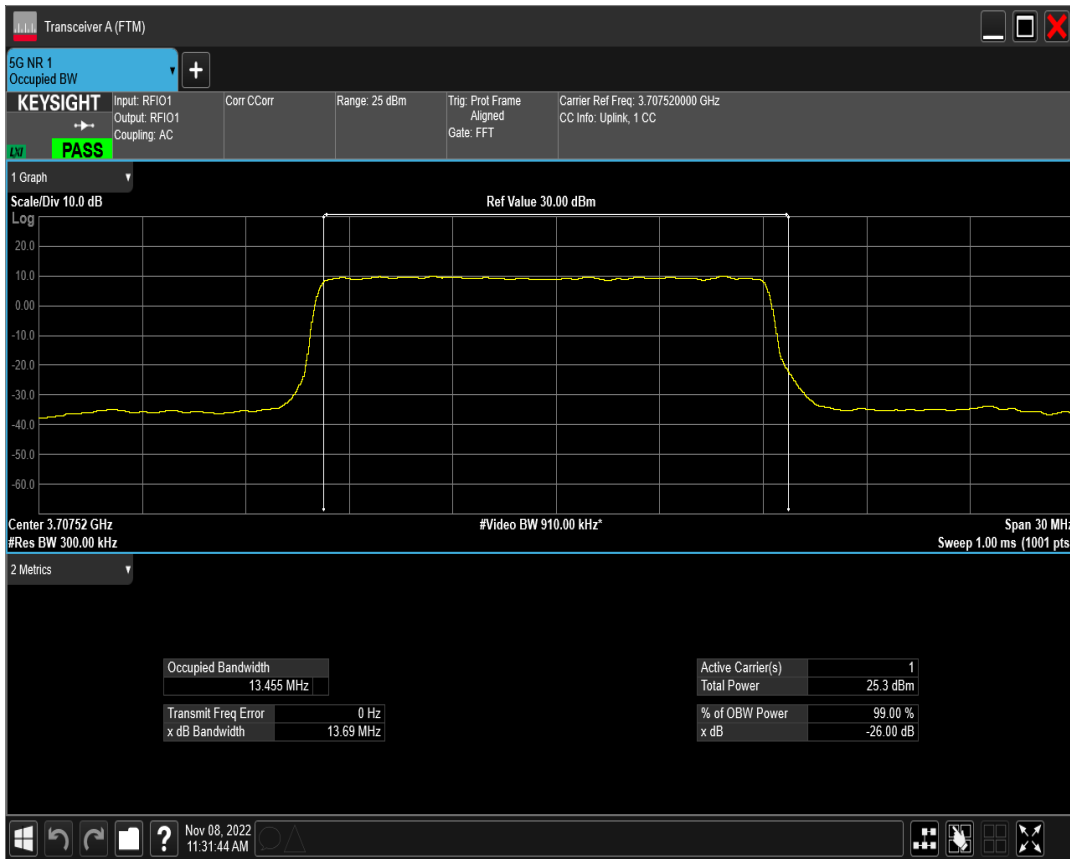
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n77(3700-3980) SCS=30kHz CP\_QPSK BW=10MHz Channel=665000 RB=24@0



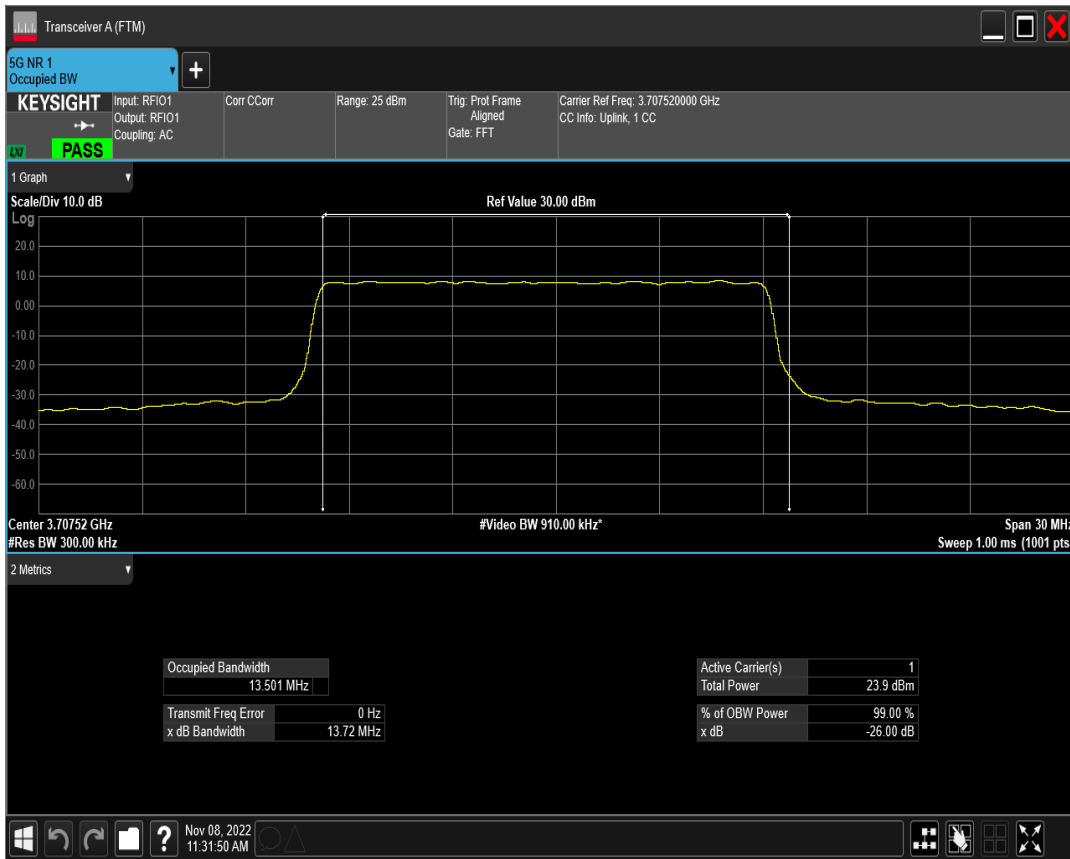
n77(3700-3980) SCS=30kHz DFT\_BPSK BW=15MHz Channel=647168 RB=36@0



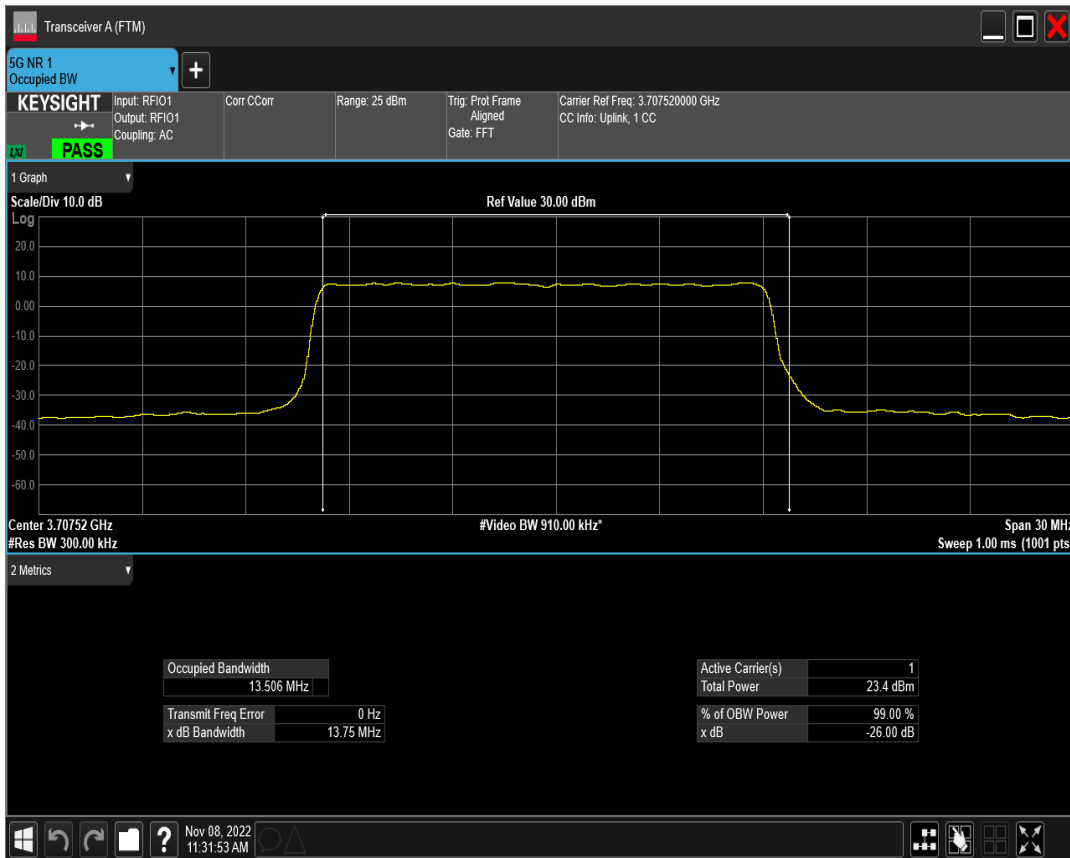
n77(3700-3980) SCS=30kHz DFT\_QPSK BW=15MHz Channel=647168 RB=36@0



n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=15MHz Channel=647168 RB=36@0



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



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



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

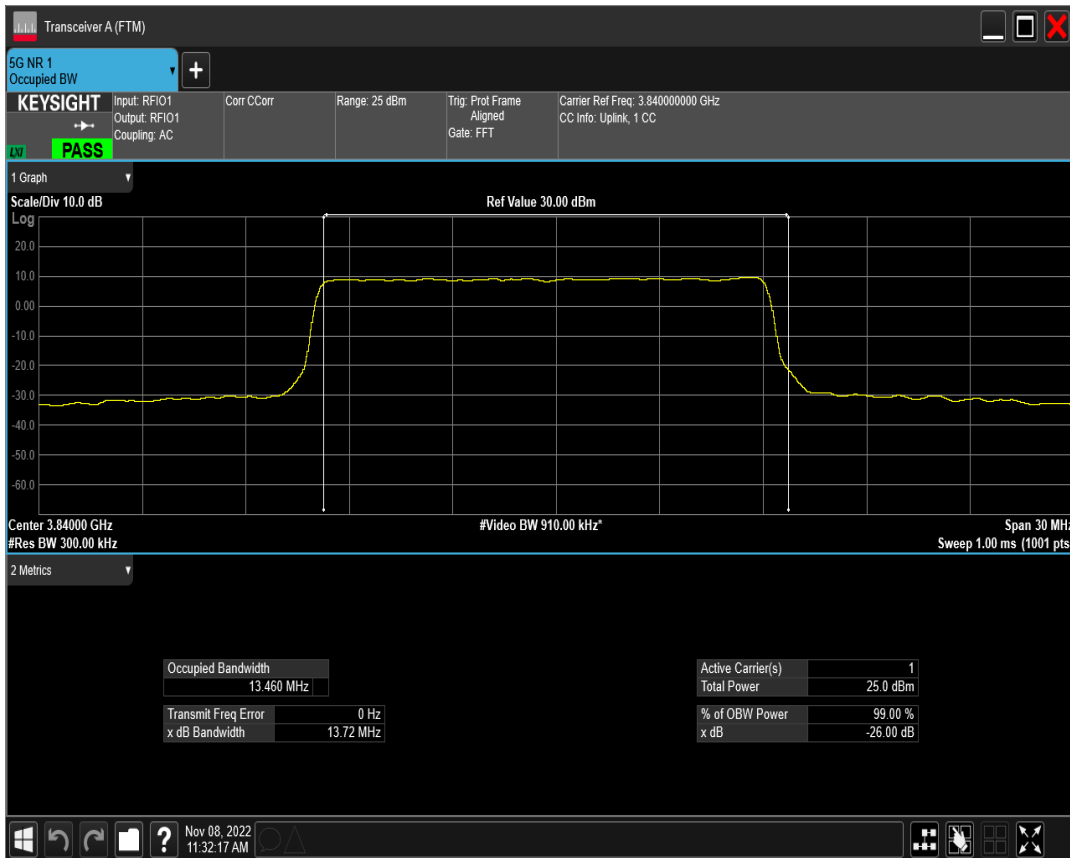




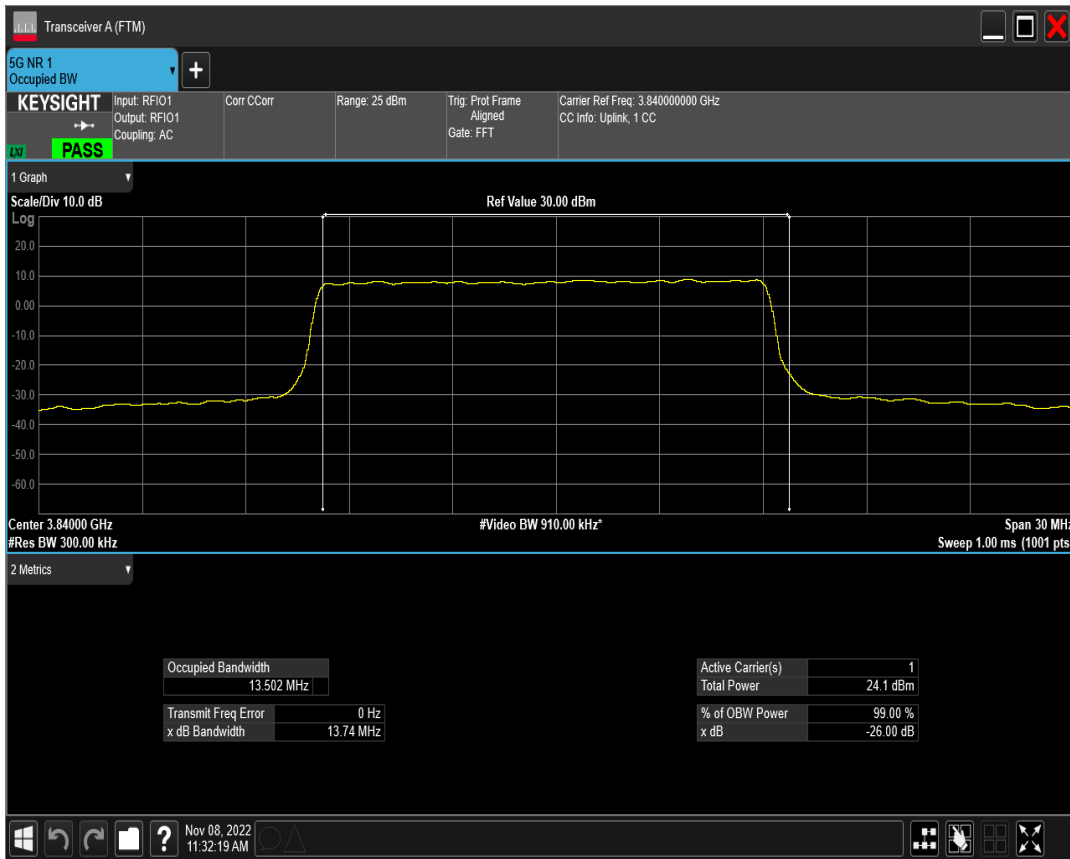
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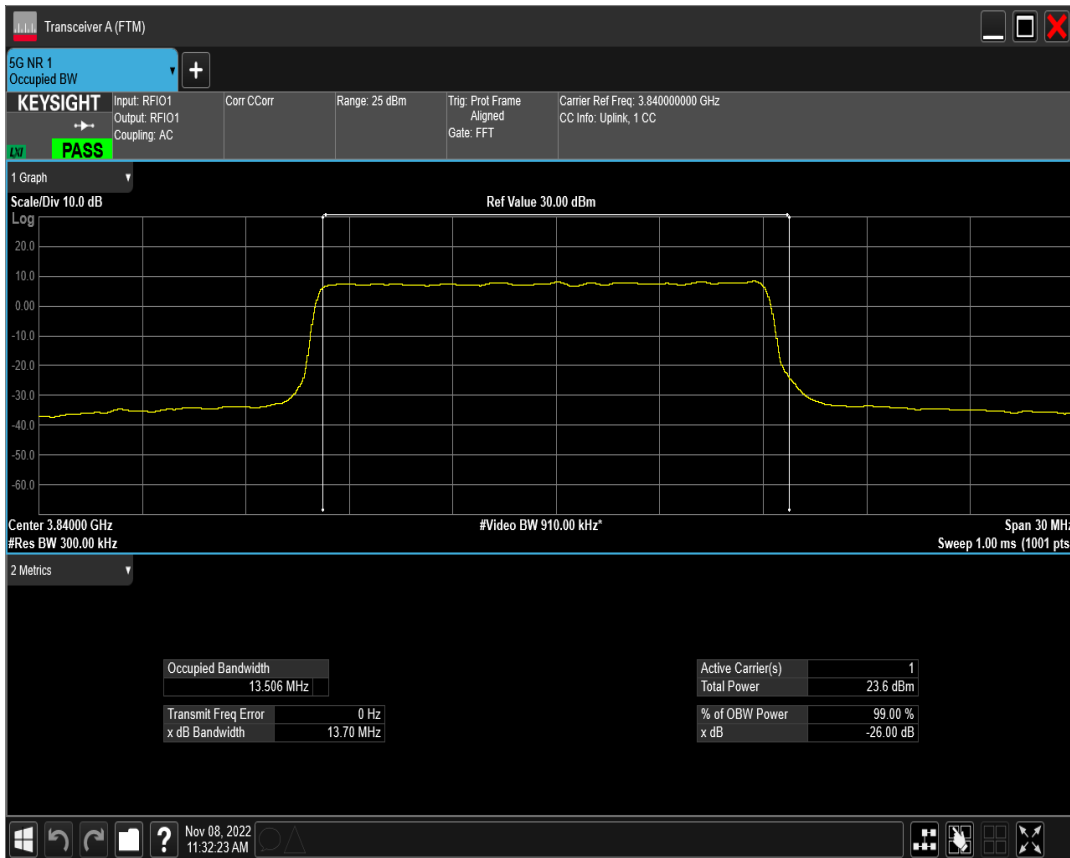
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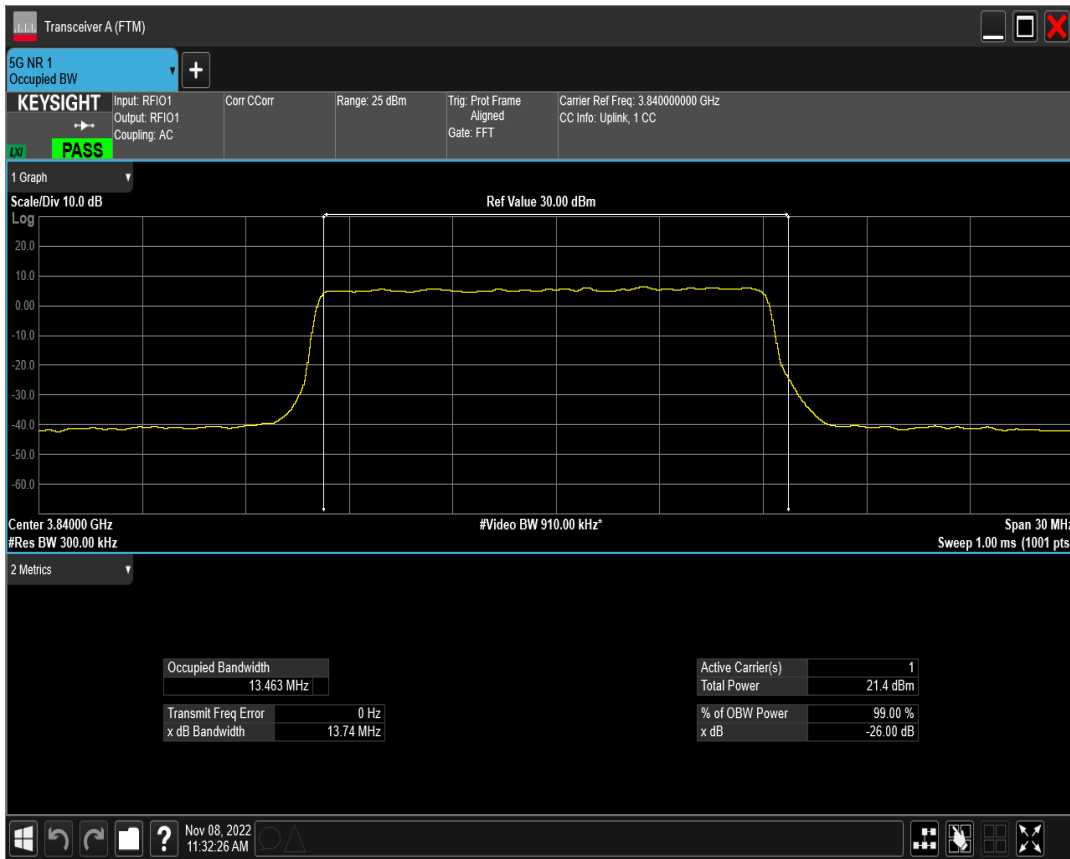
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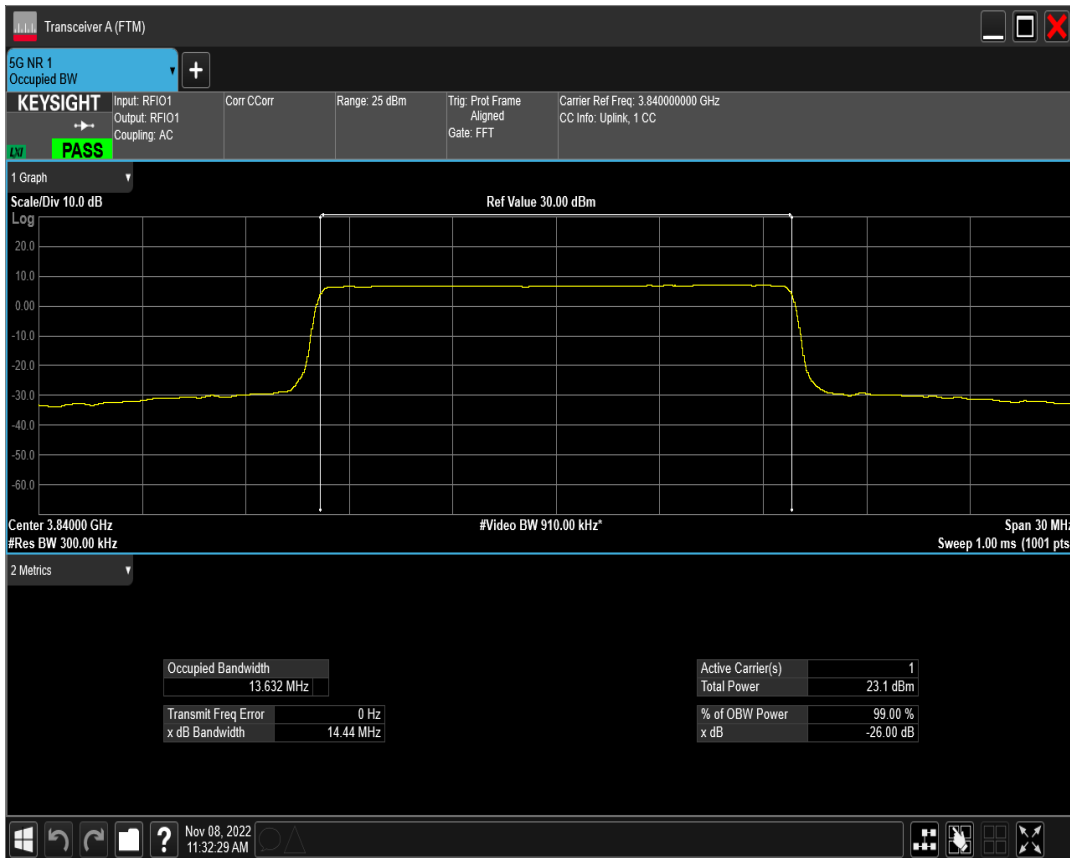
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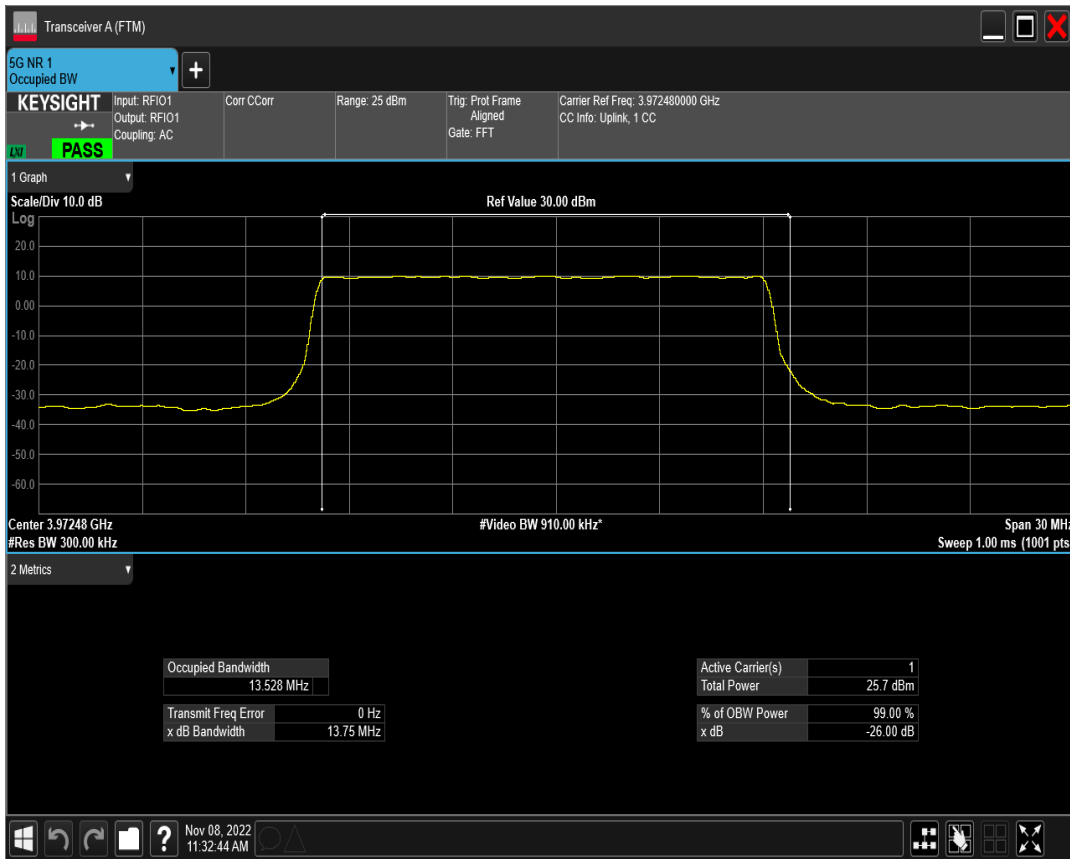
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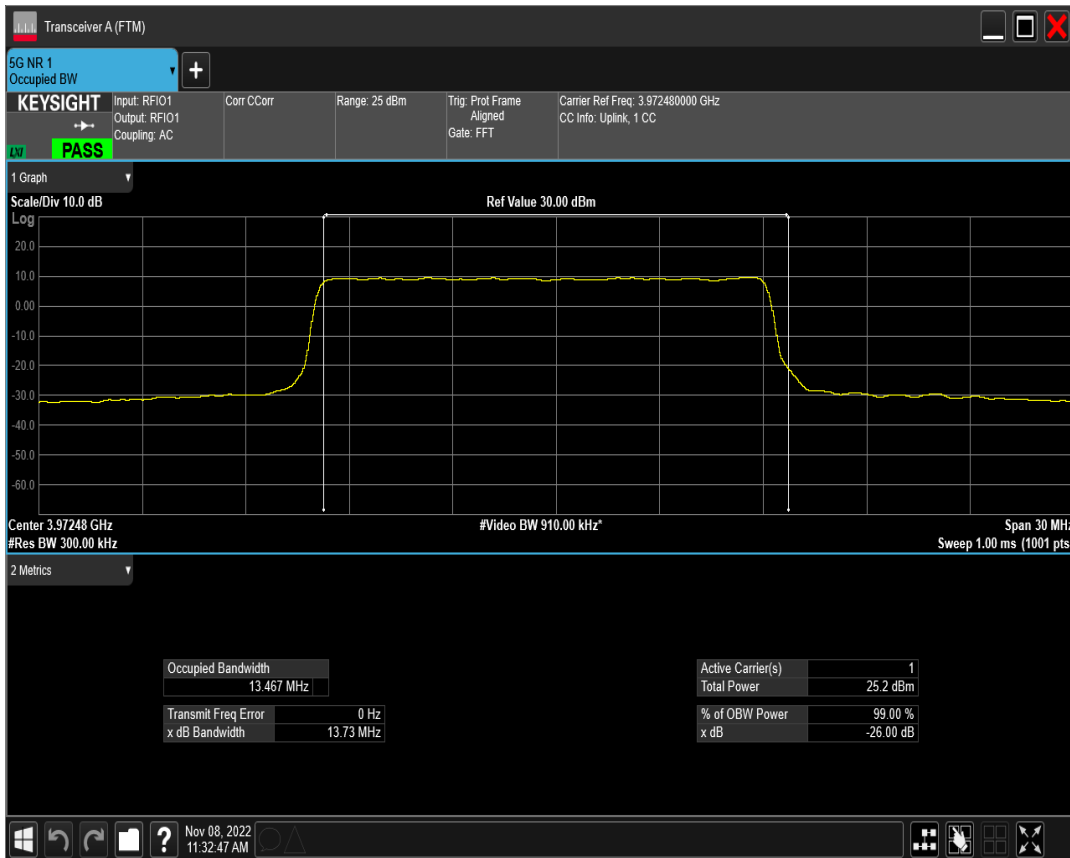
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n77(3700-3980) SCS=30kHz DFT\_BPSK BW=15MHz Channel=664832 RB=36@0



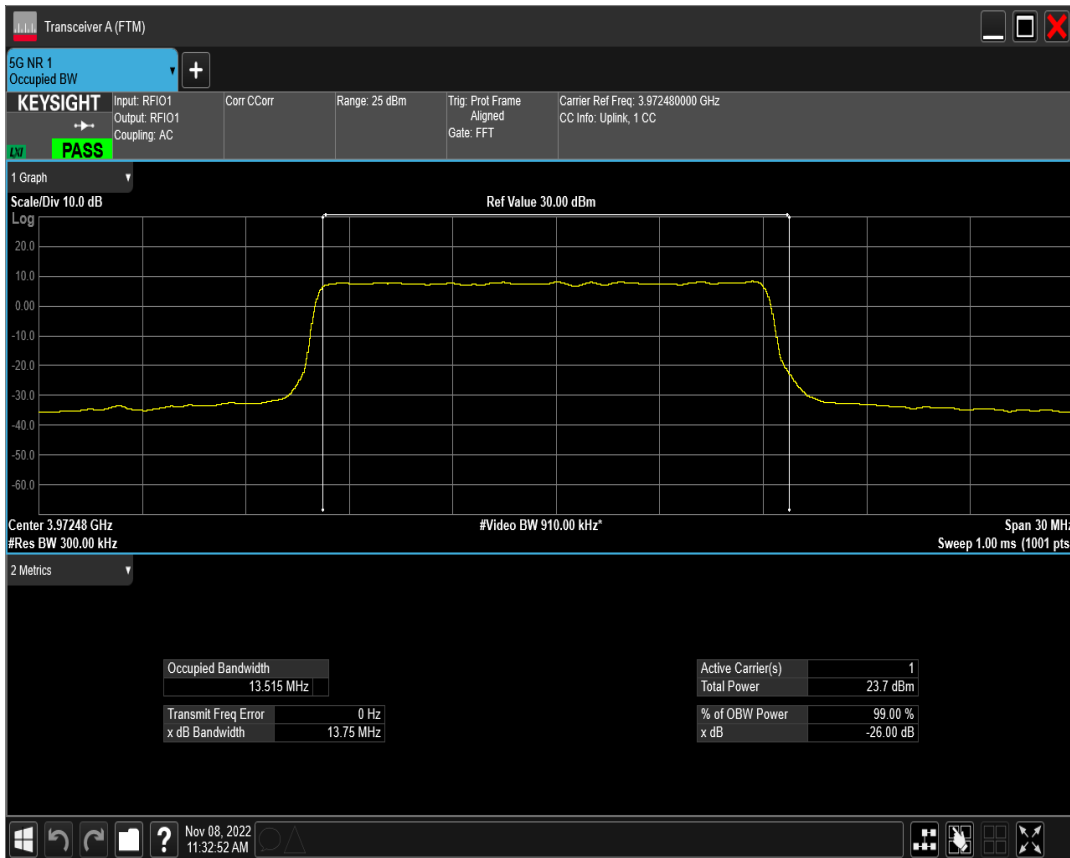
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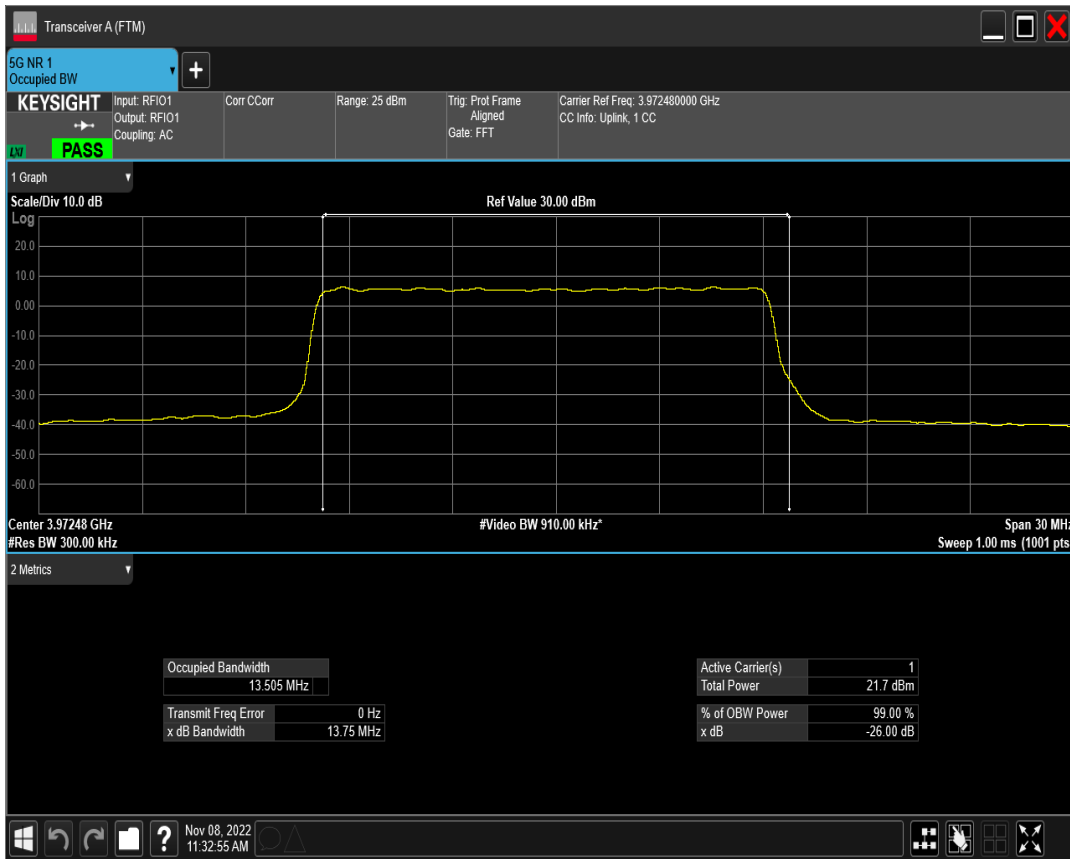
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n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=15MHz Channel=664832 RB=36@0



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



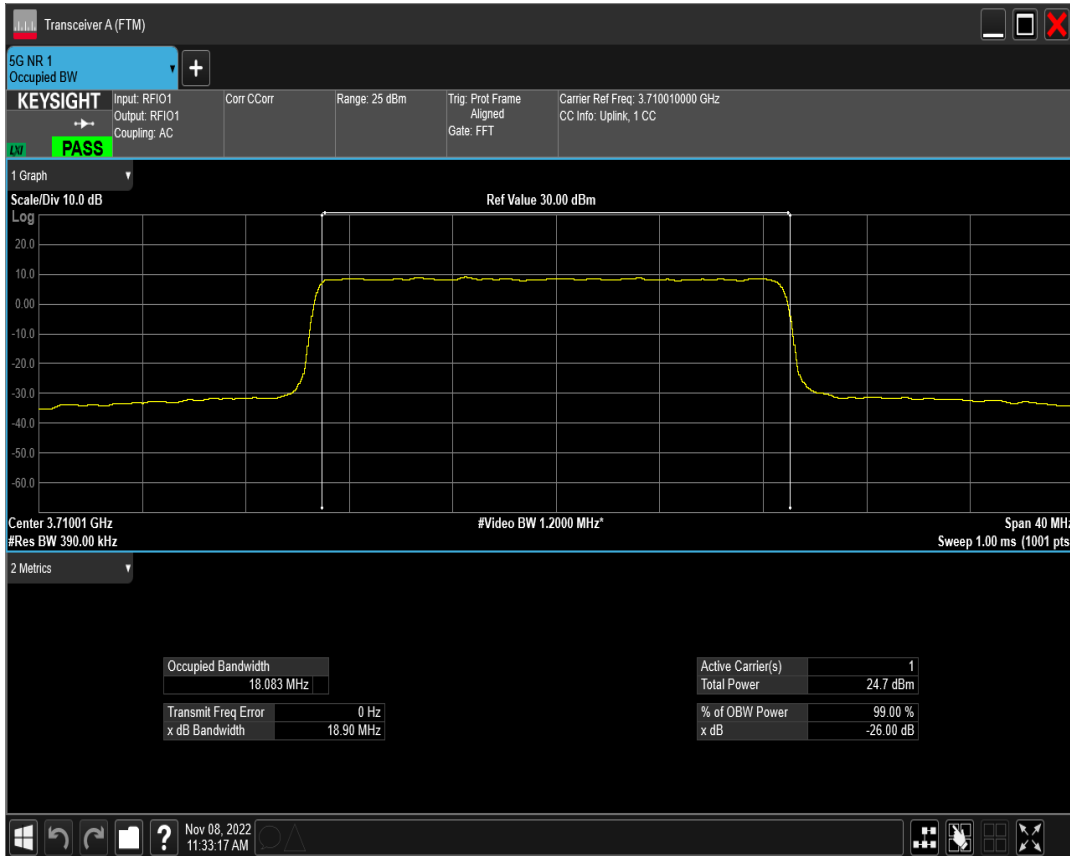
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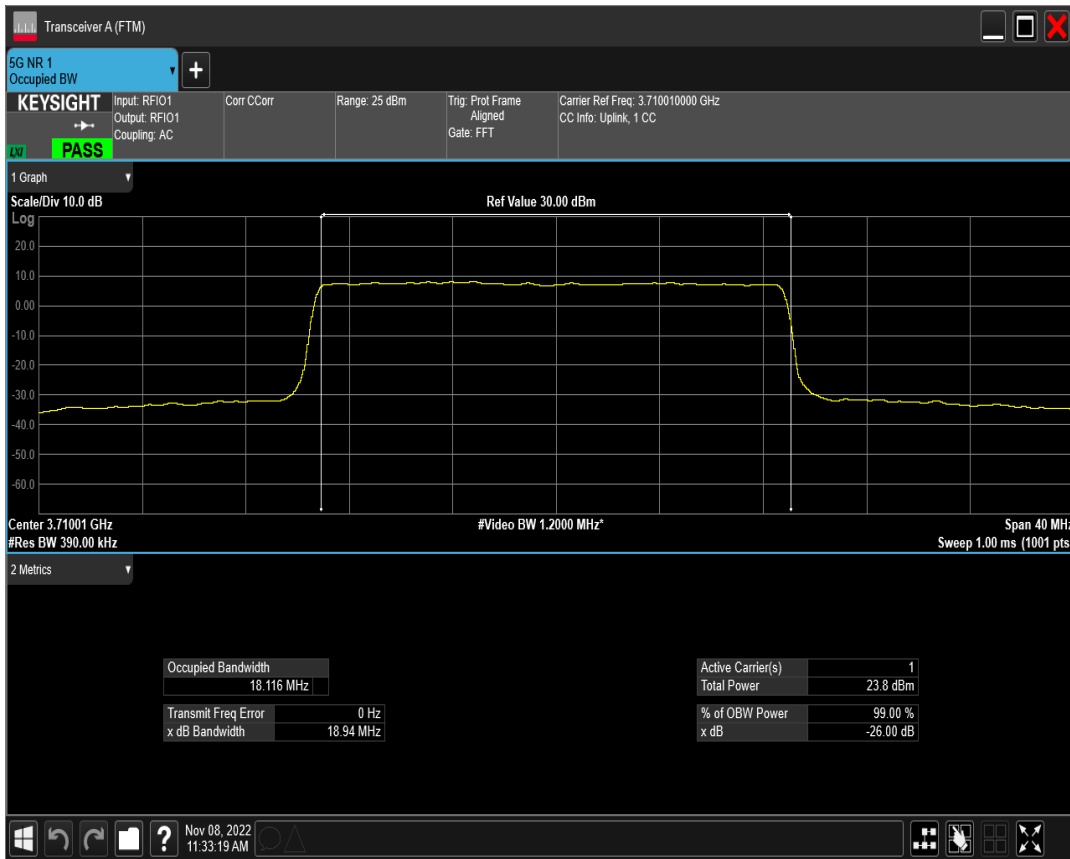
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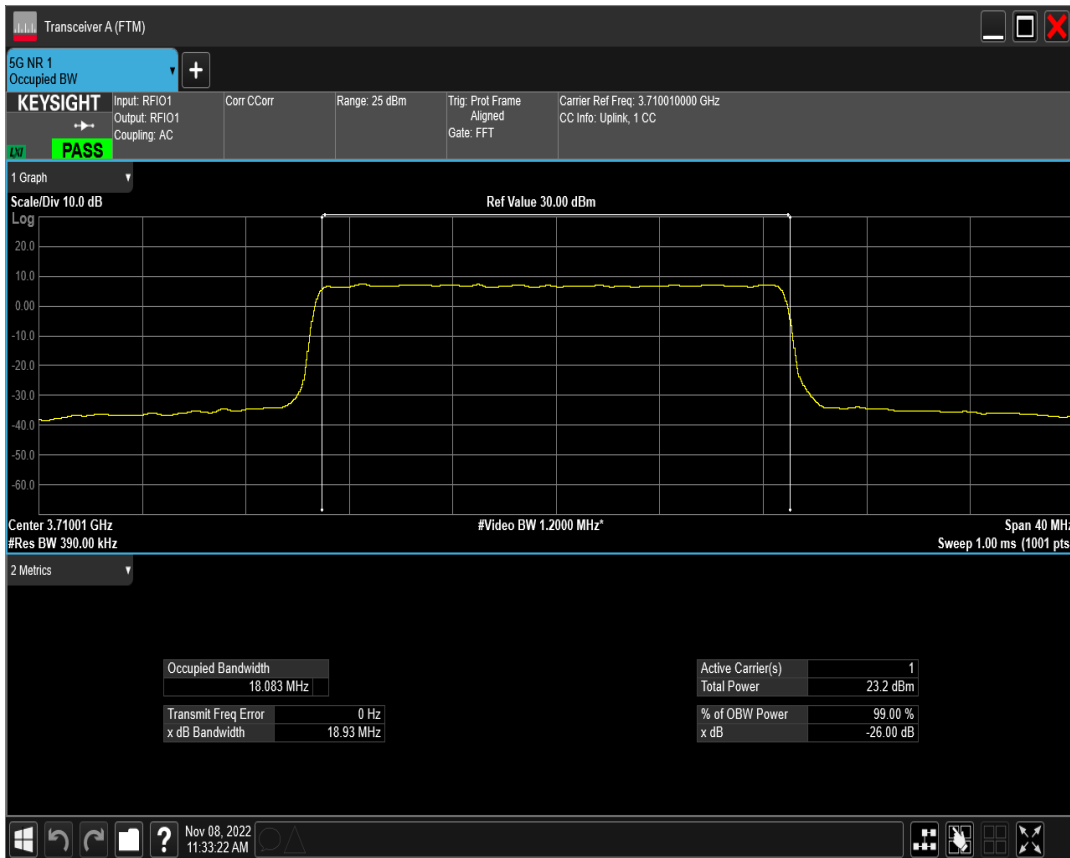
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n77(3700-3980) SCS=30kHz DFT\_QAM16 BW=20MHz Channel=647334 RB=50@0

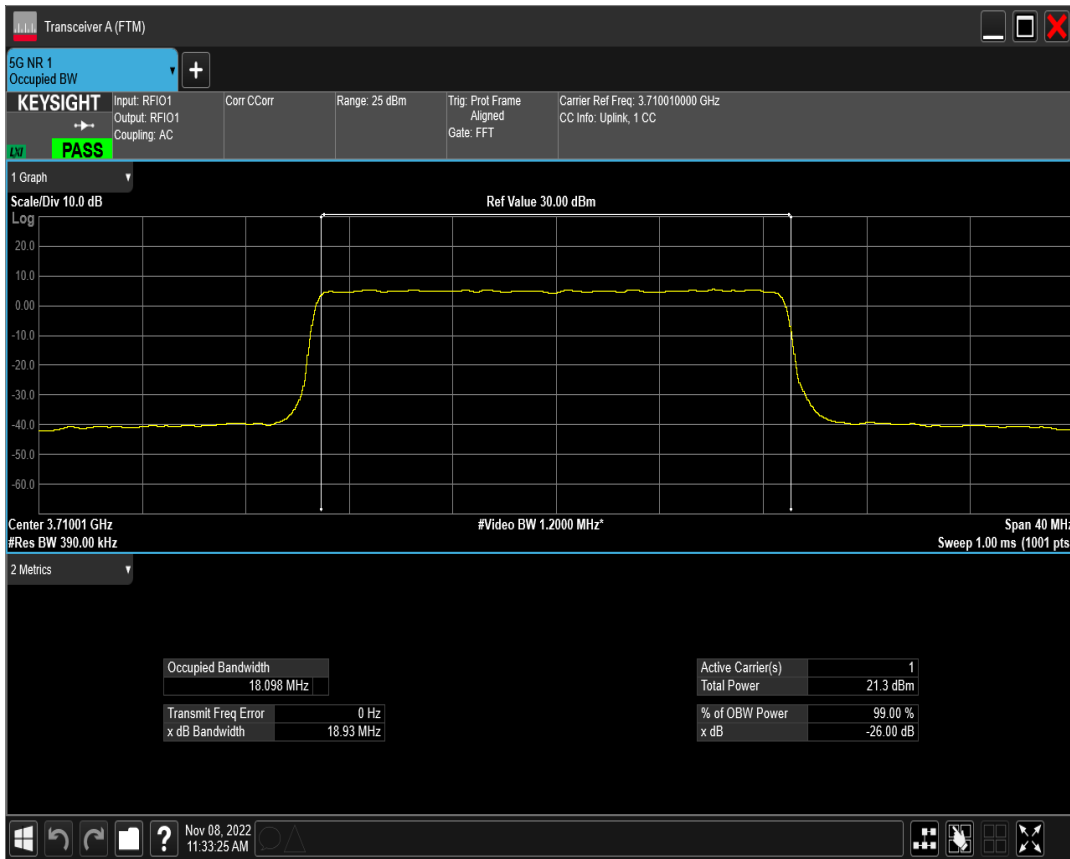


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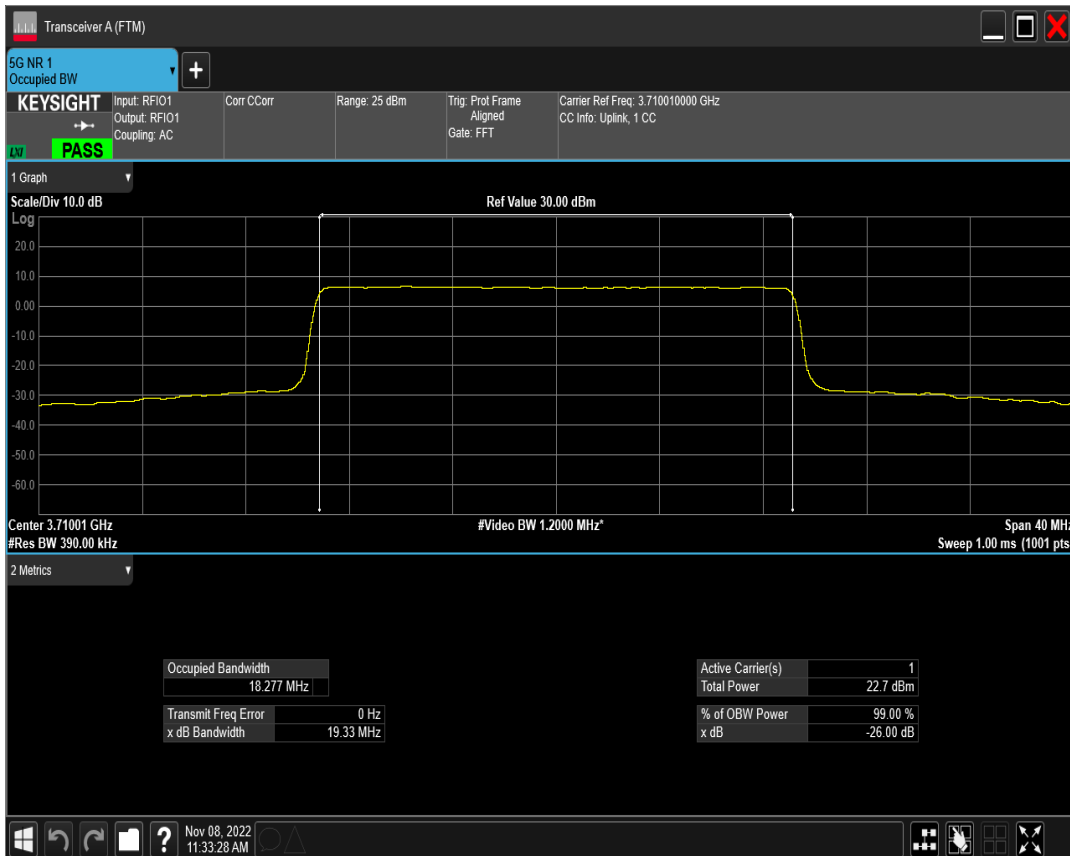




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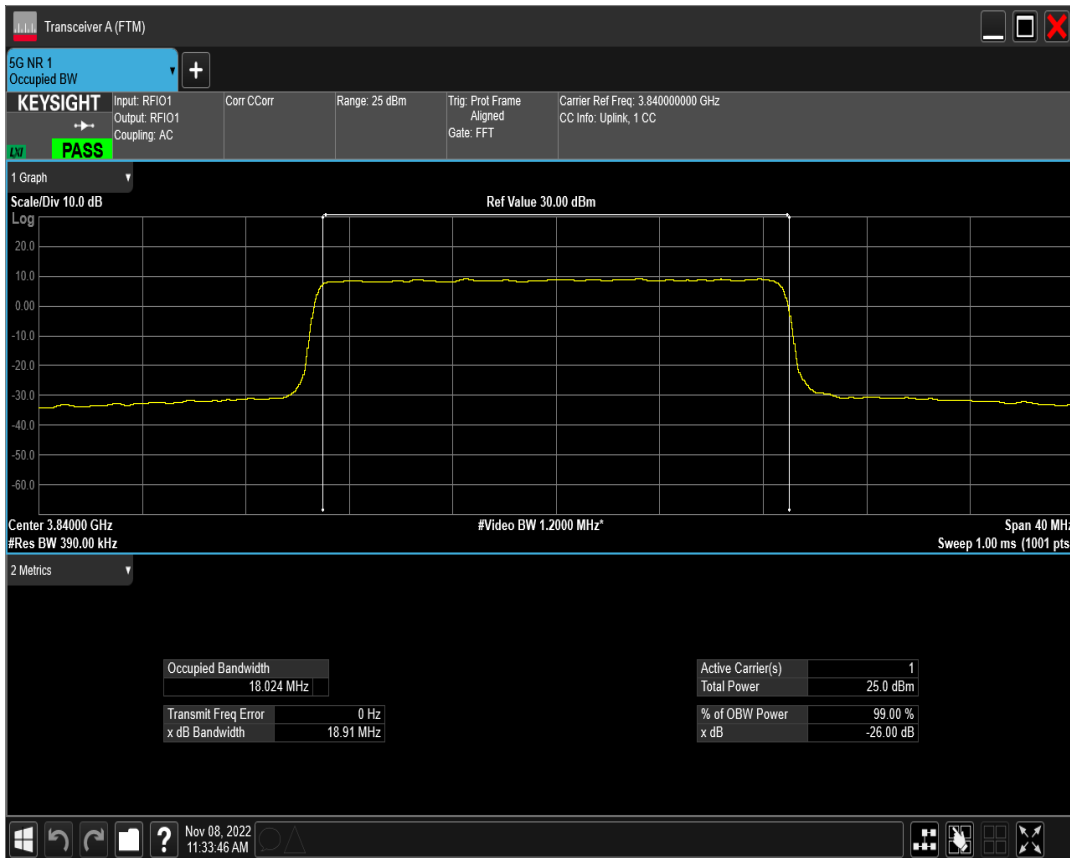
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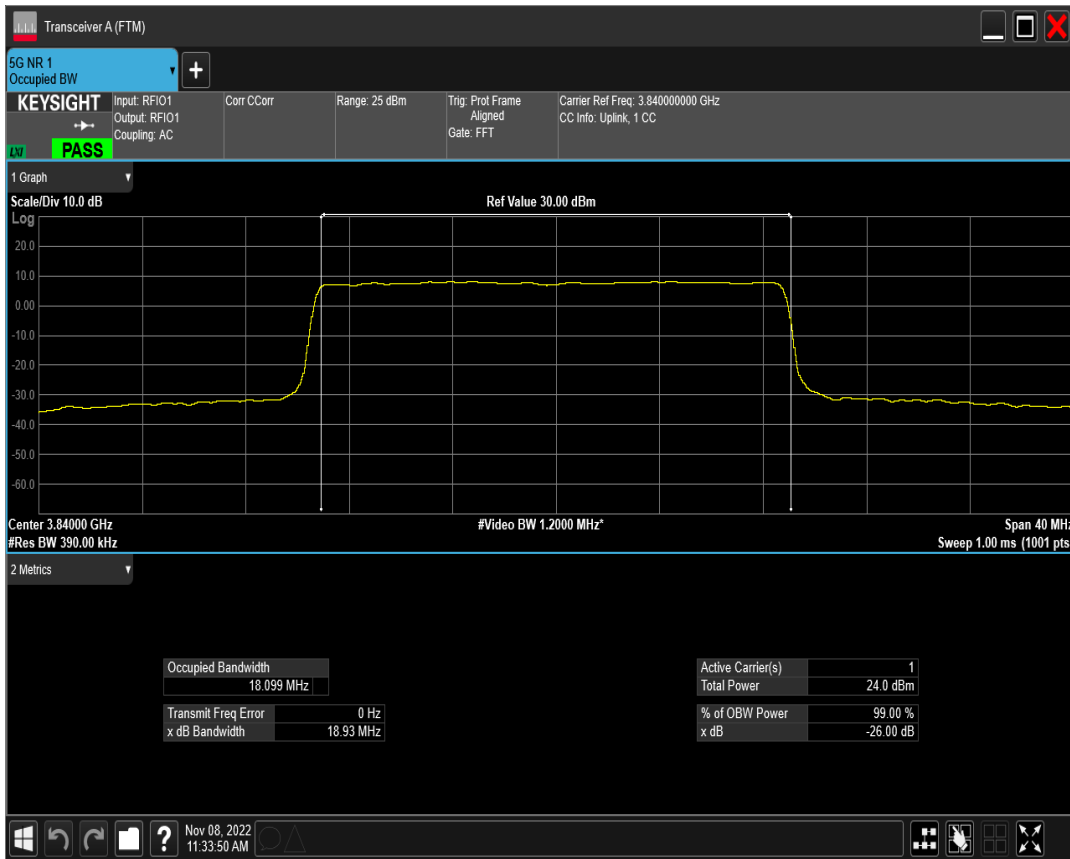
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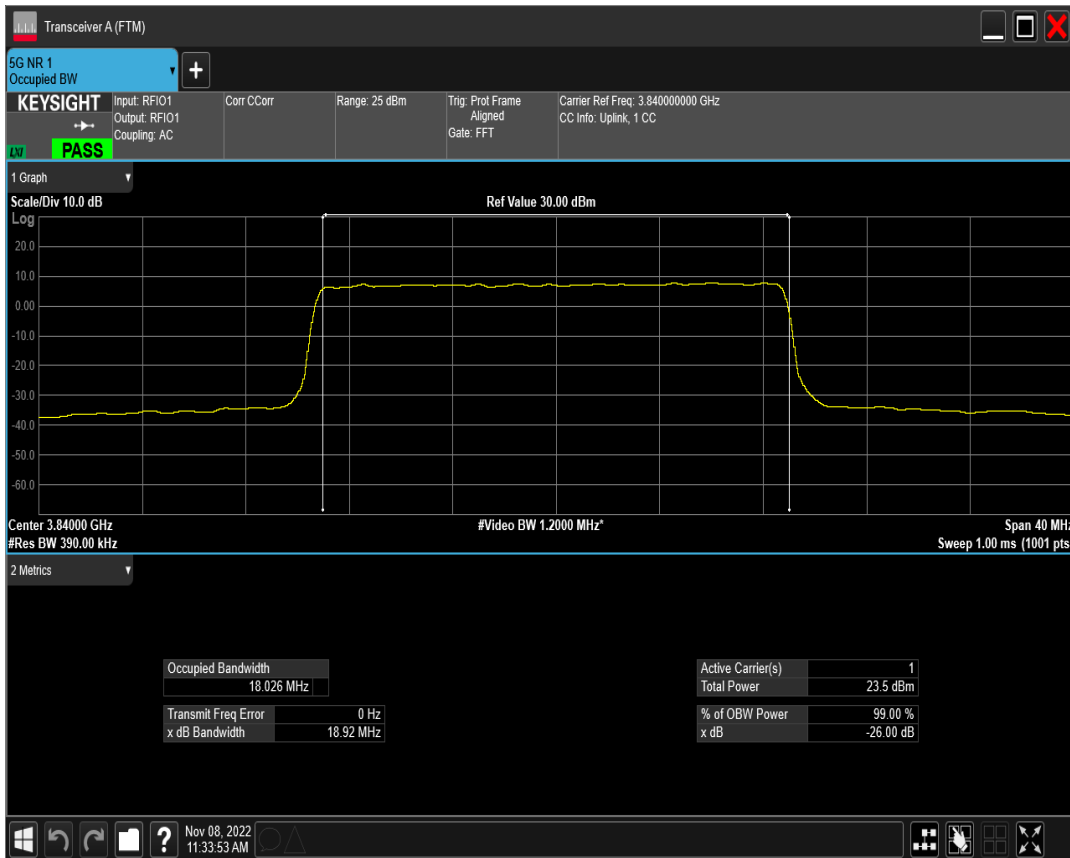
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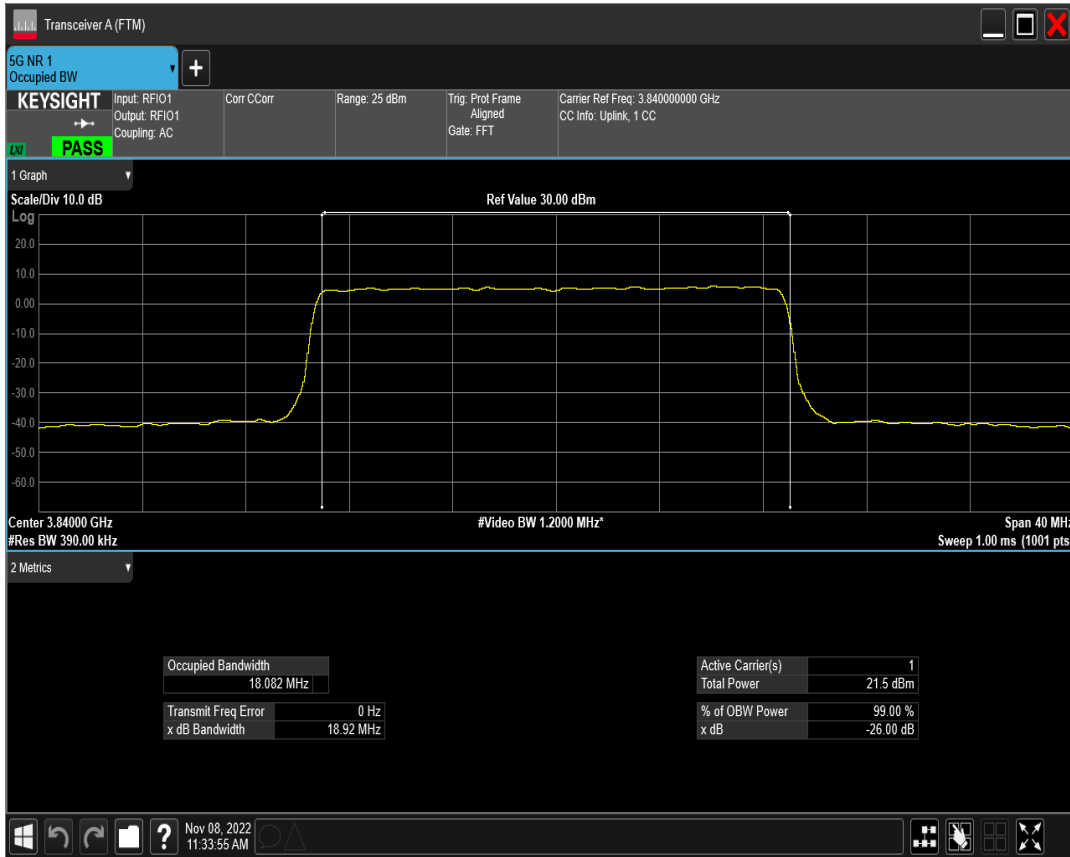
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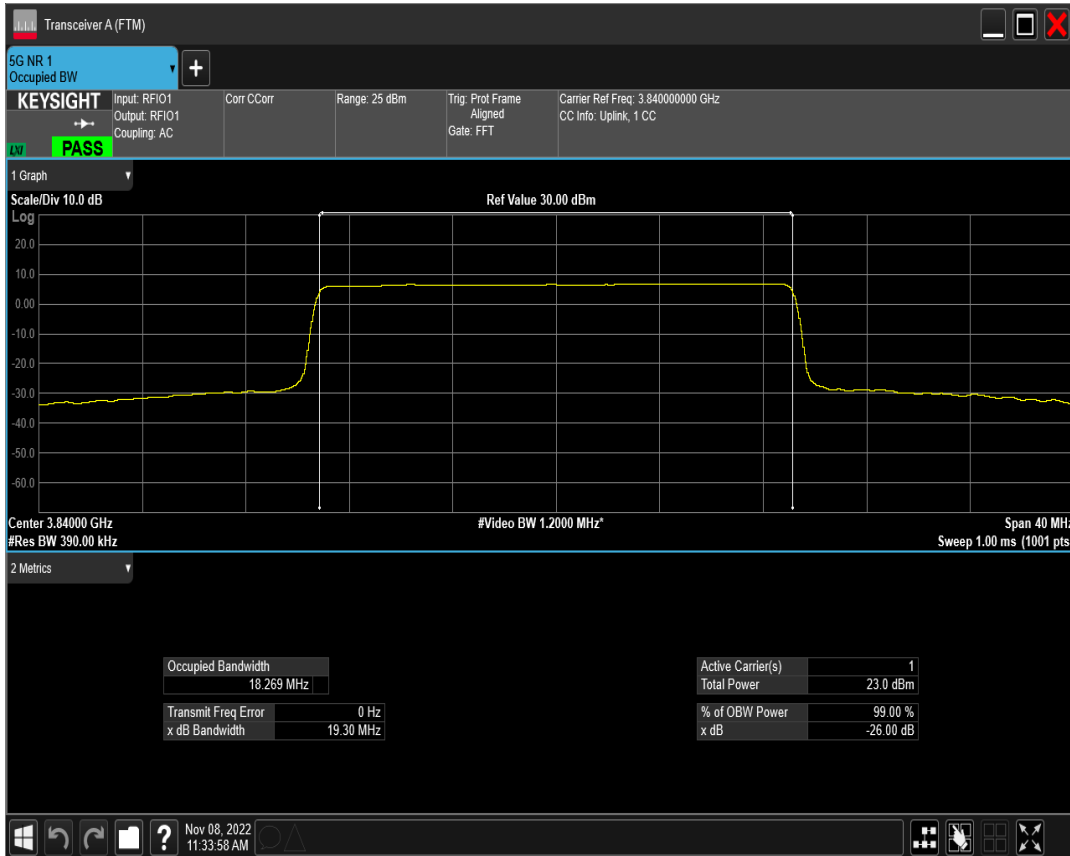
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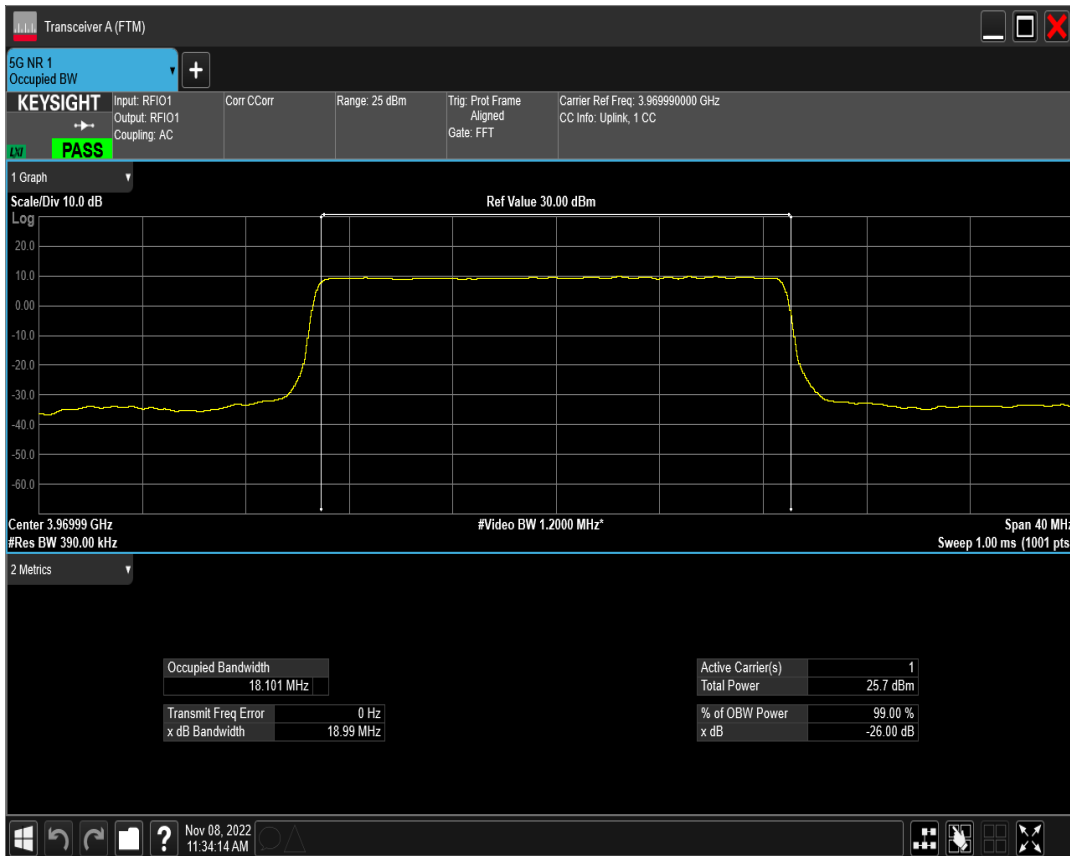
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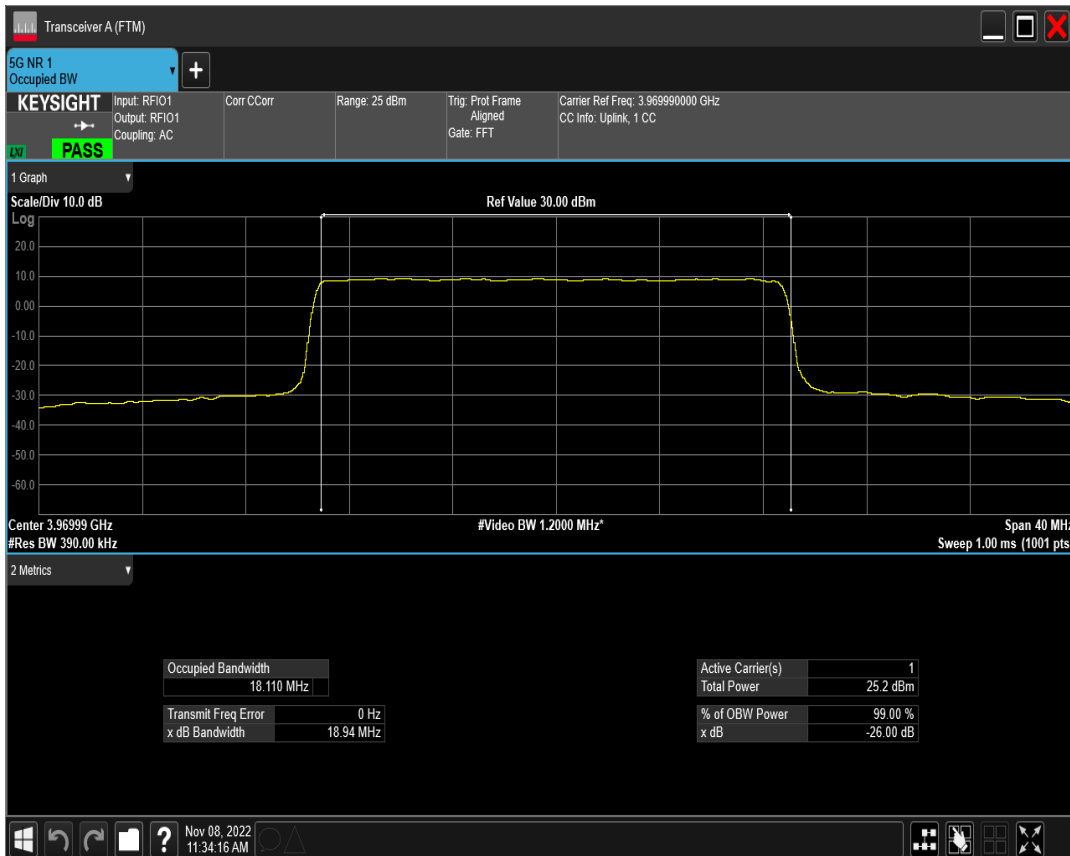
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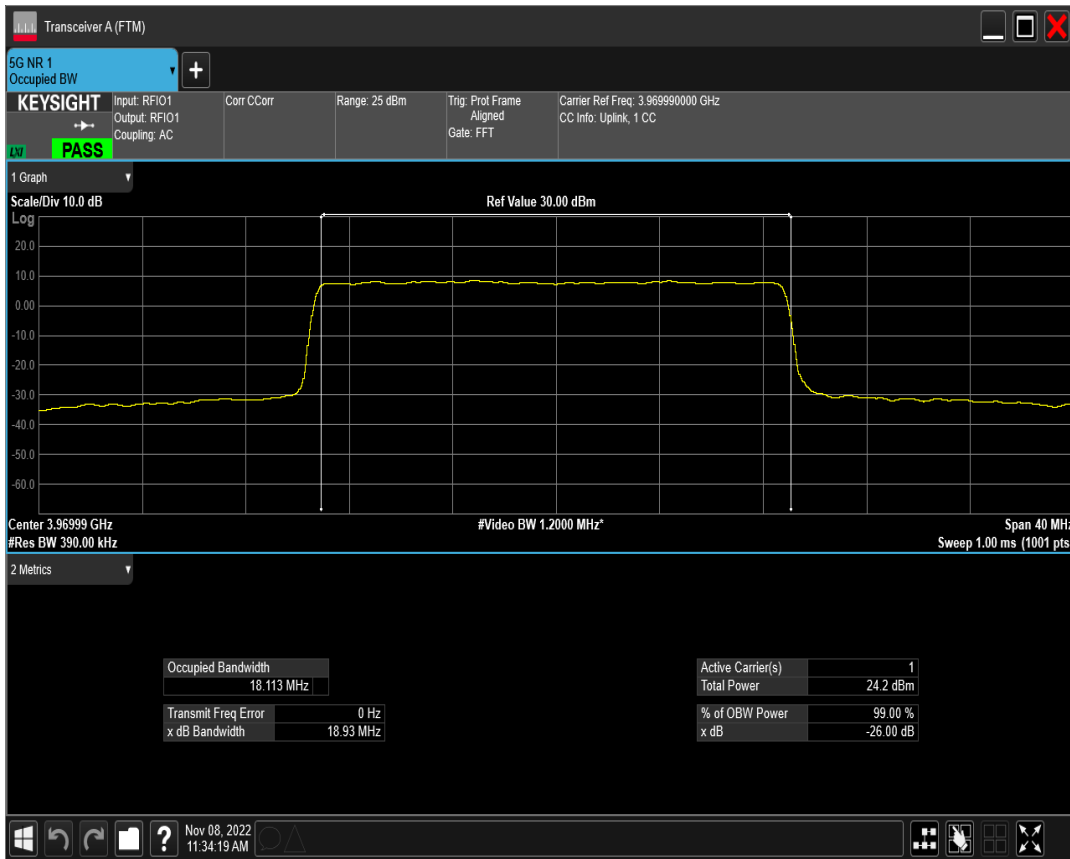
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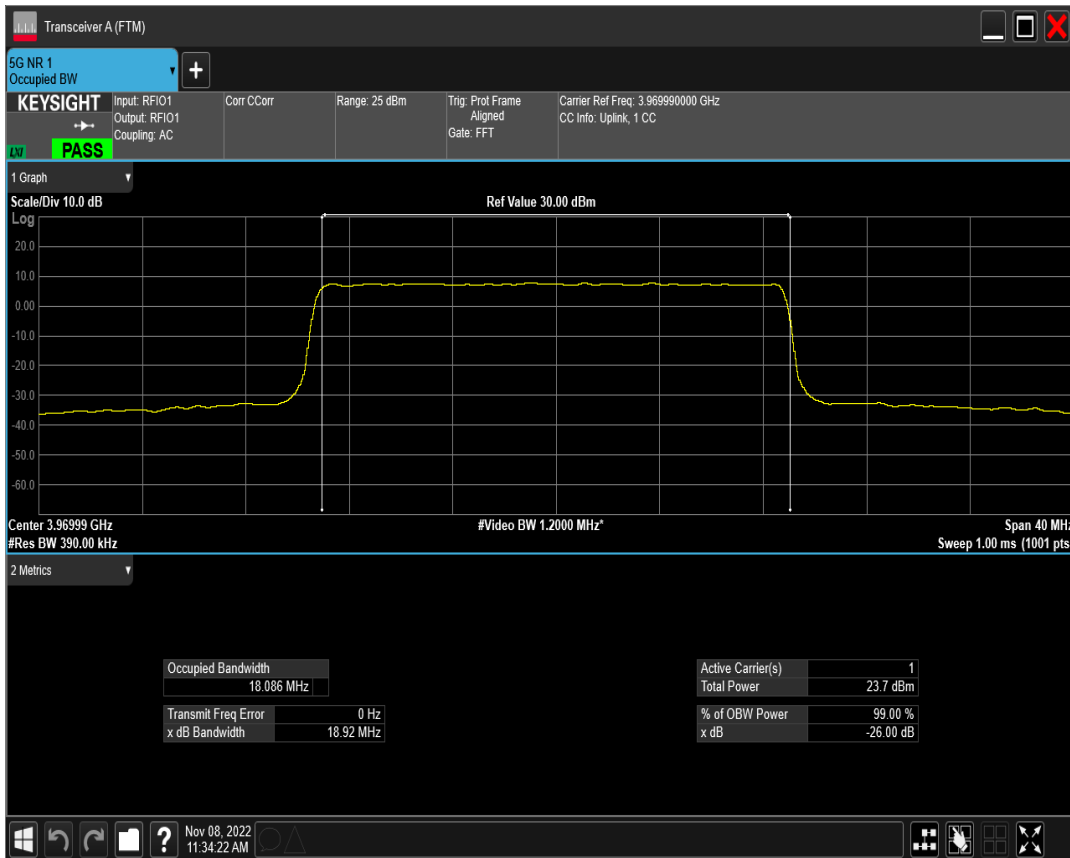
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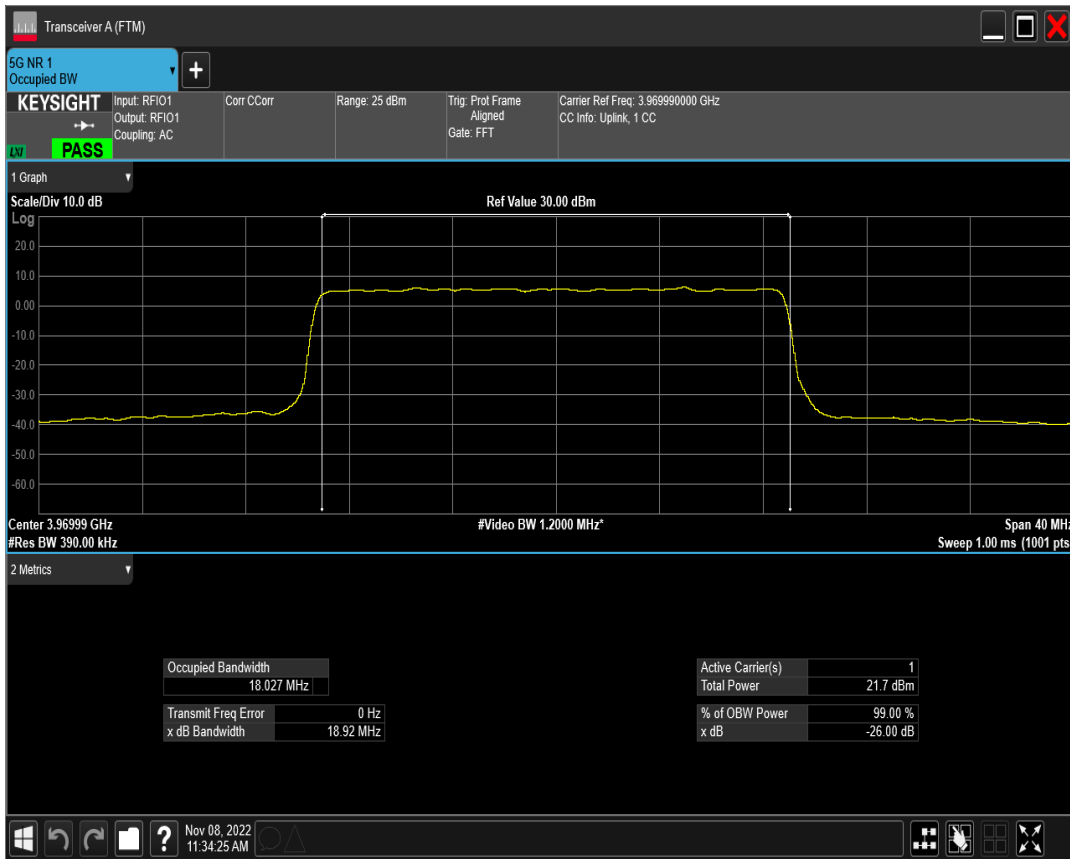
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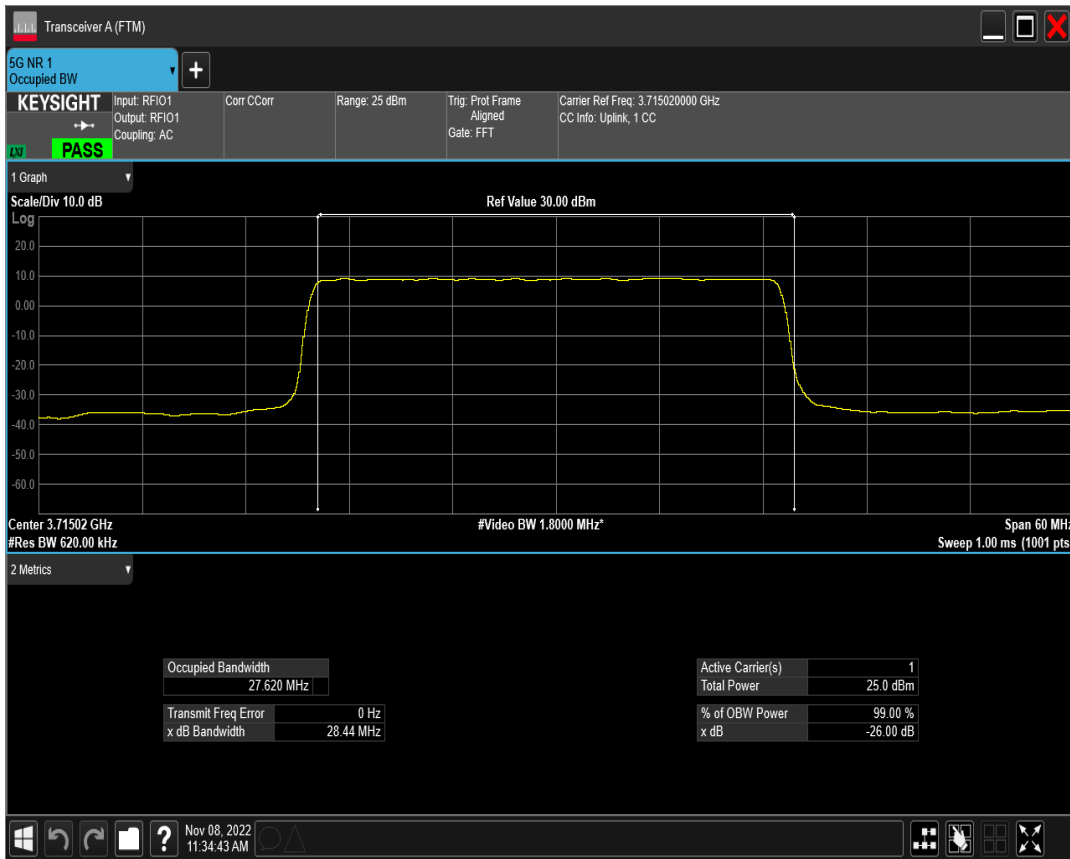
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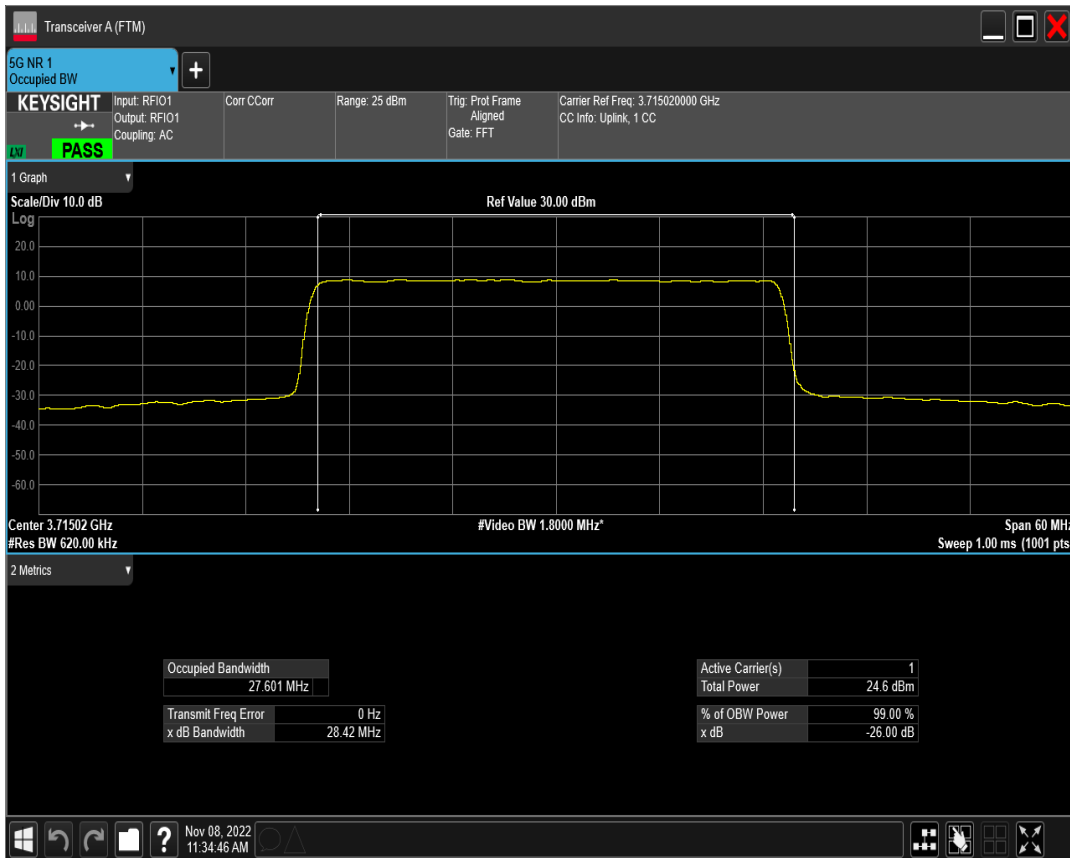
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n77(3700-3980) SCS=30kHz DFT\_BPSK BW=30MHz Channel=647668 RB=75@0

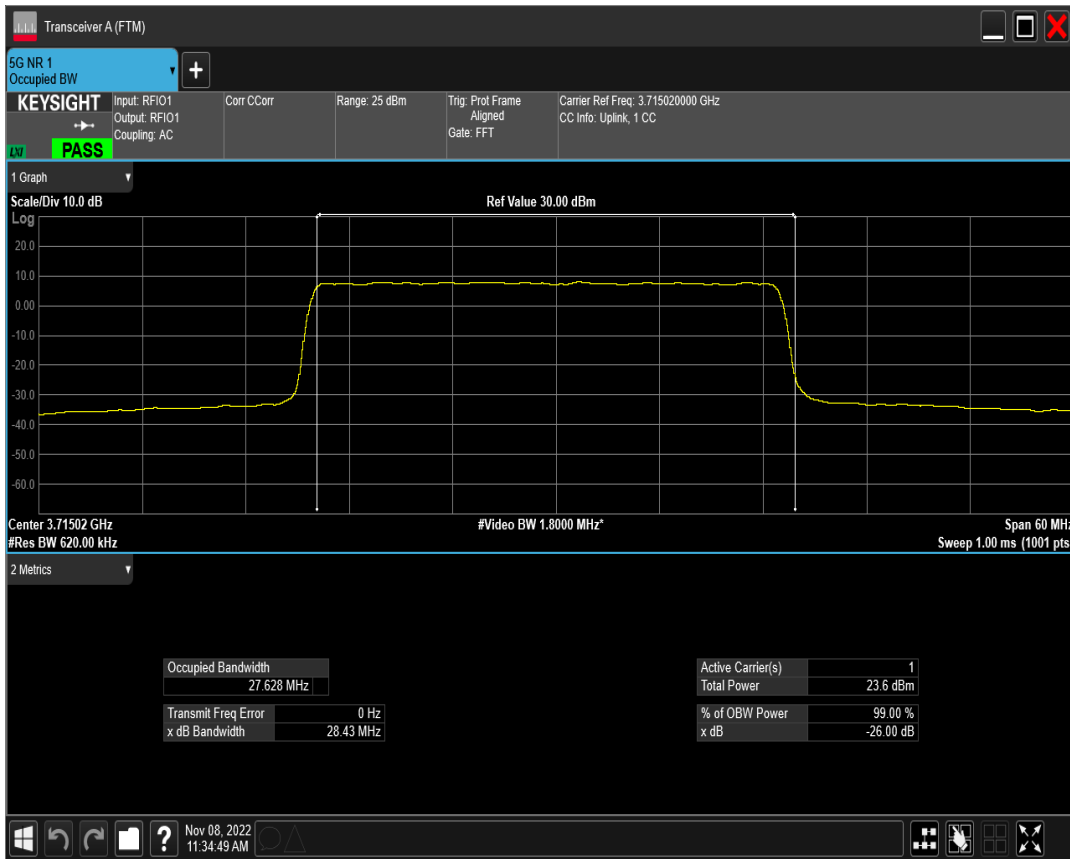


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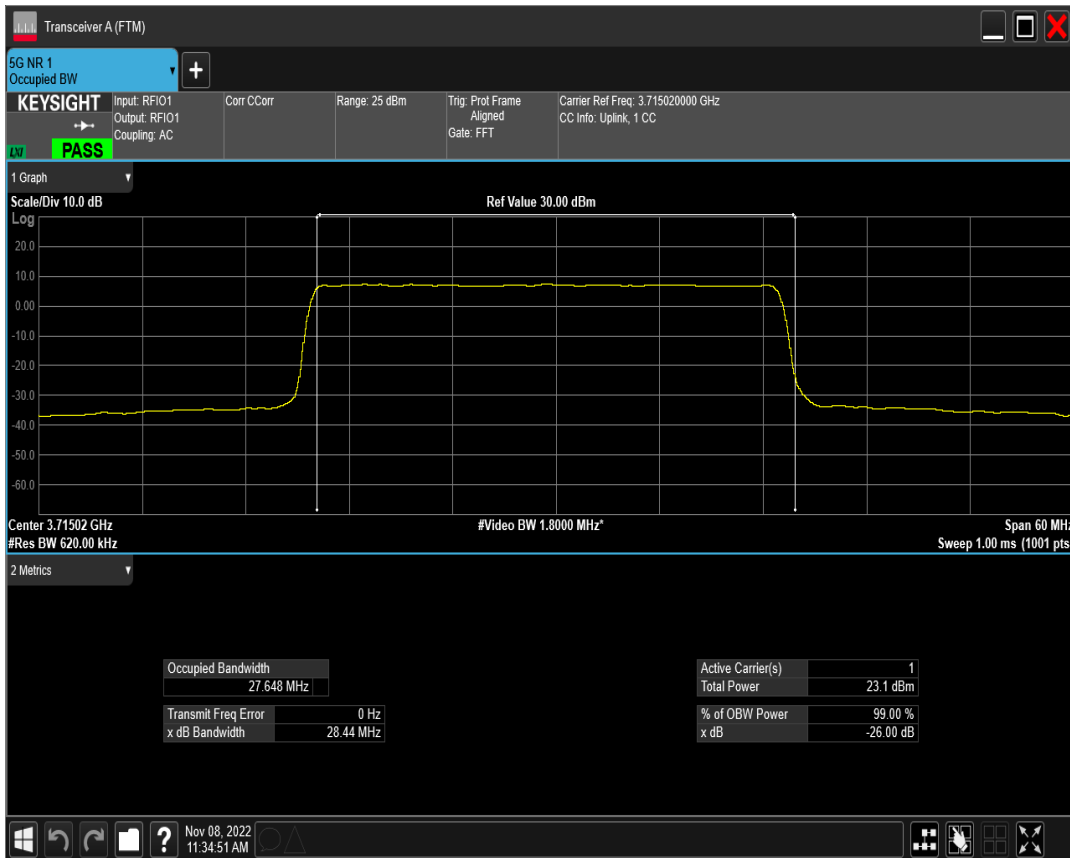




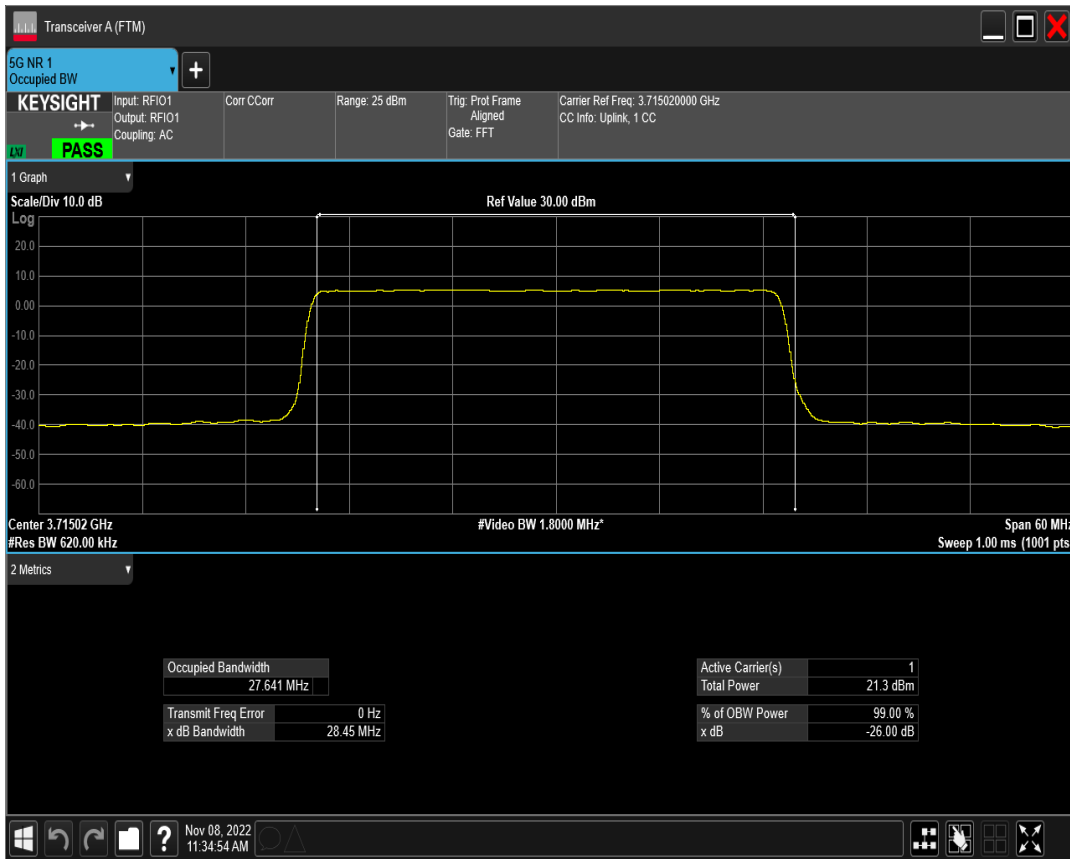
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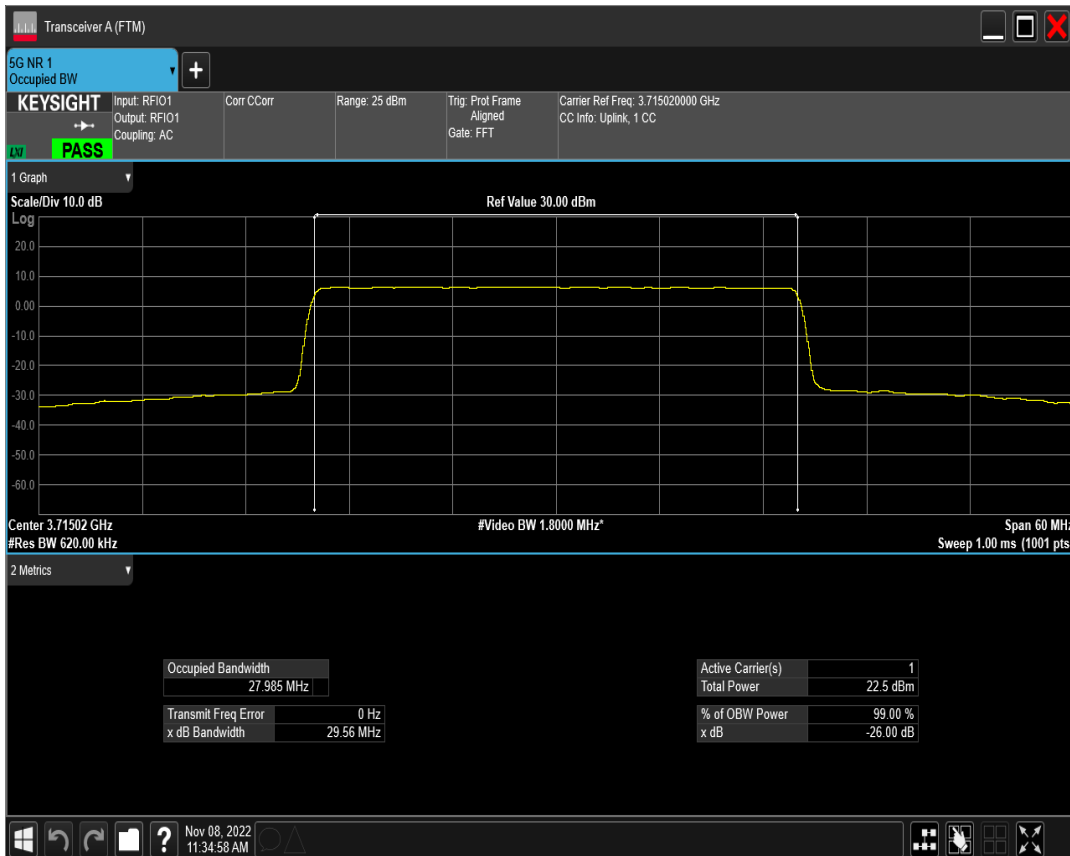
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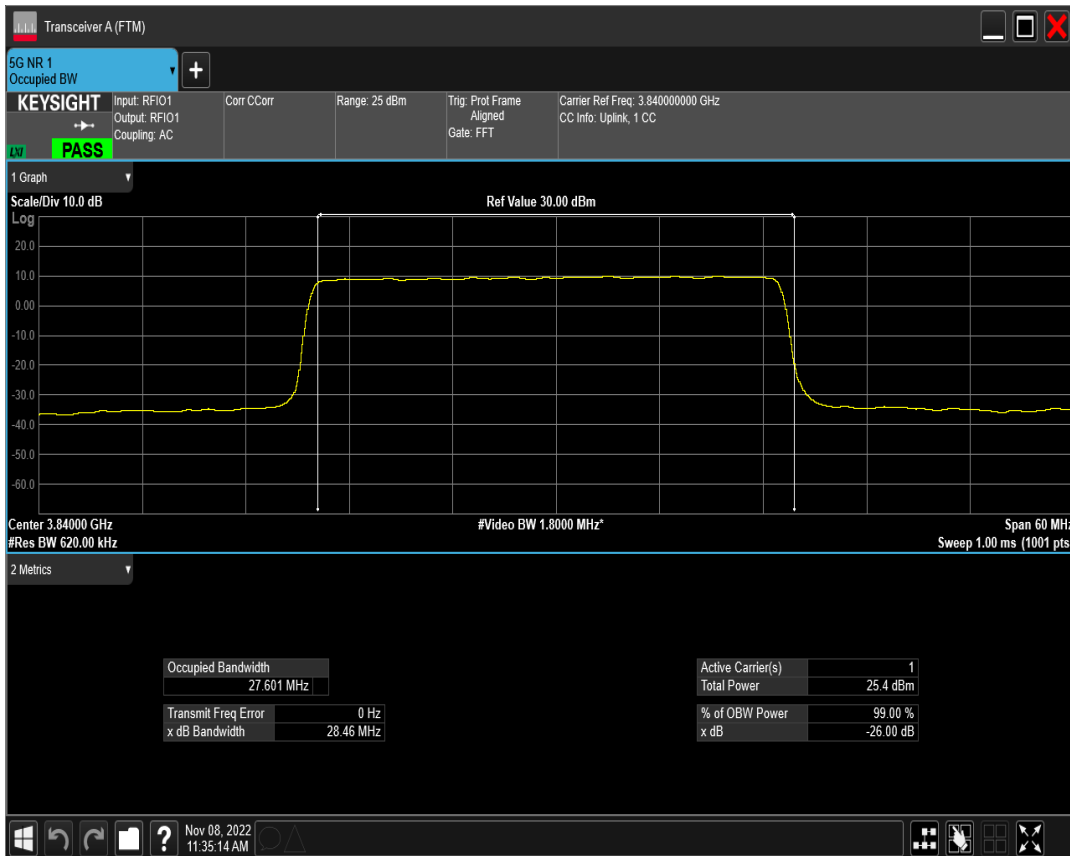
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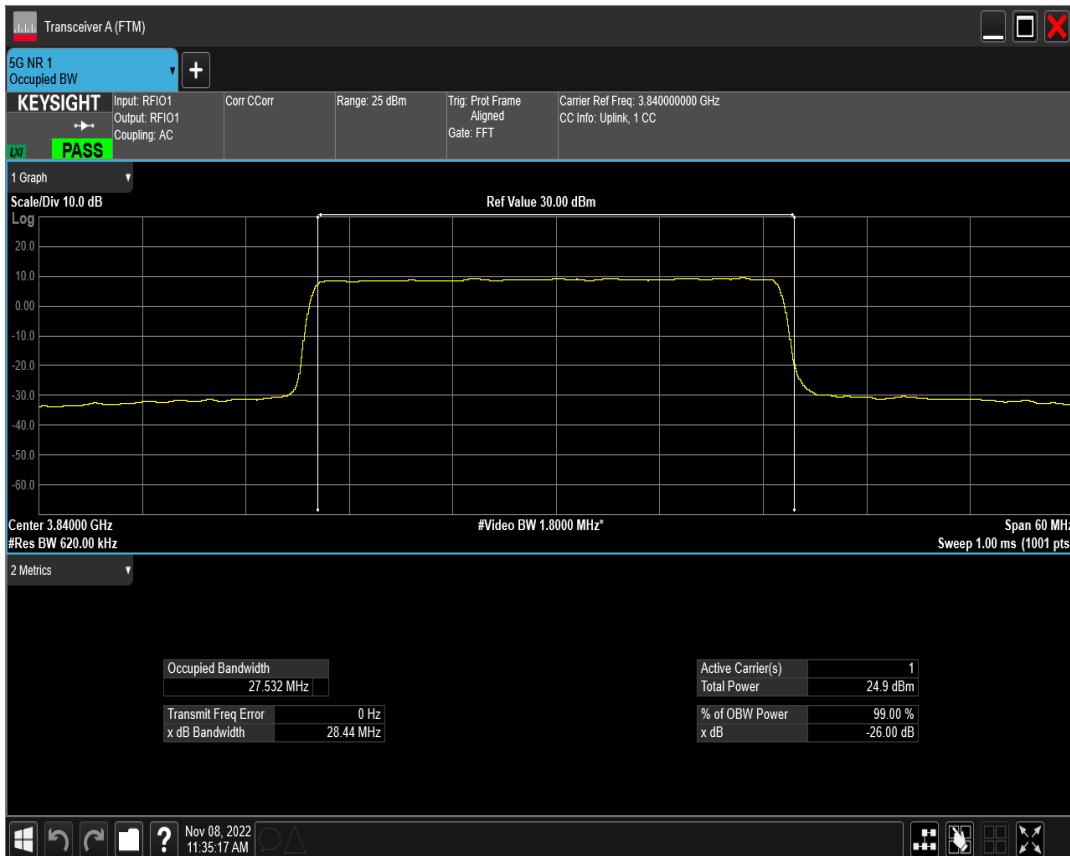
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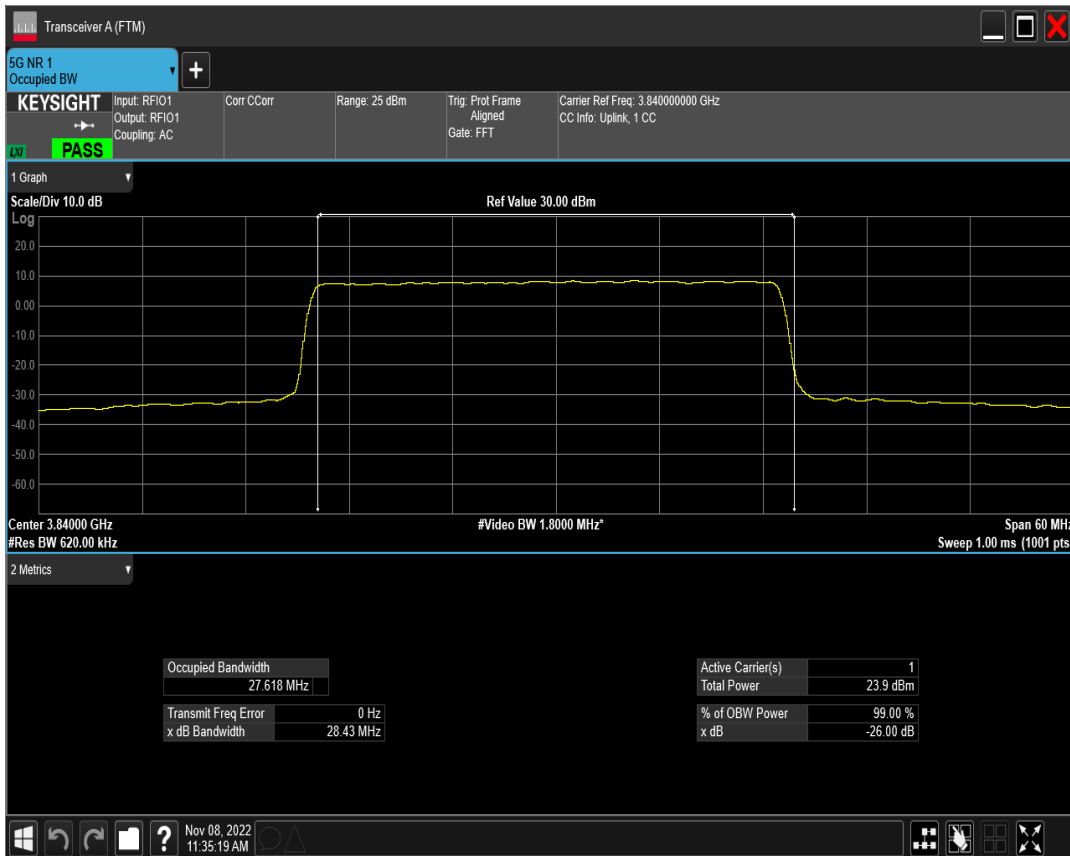
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n77(3700-3980) SCS=30kHz DFT\_QPSK BW=30MHz Channel=656000 RB=75@0



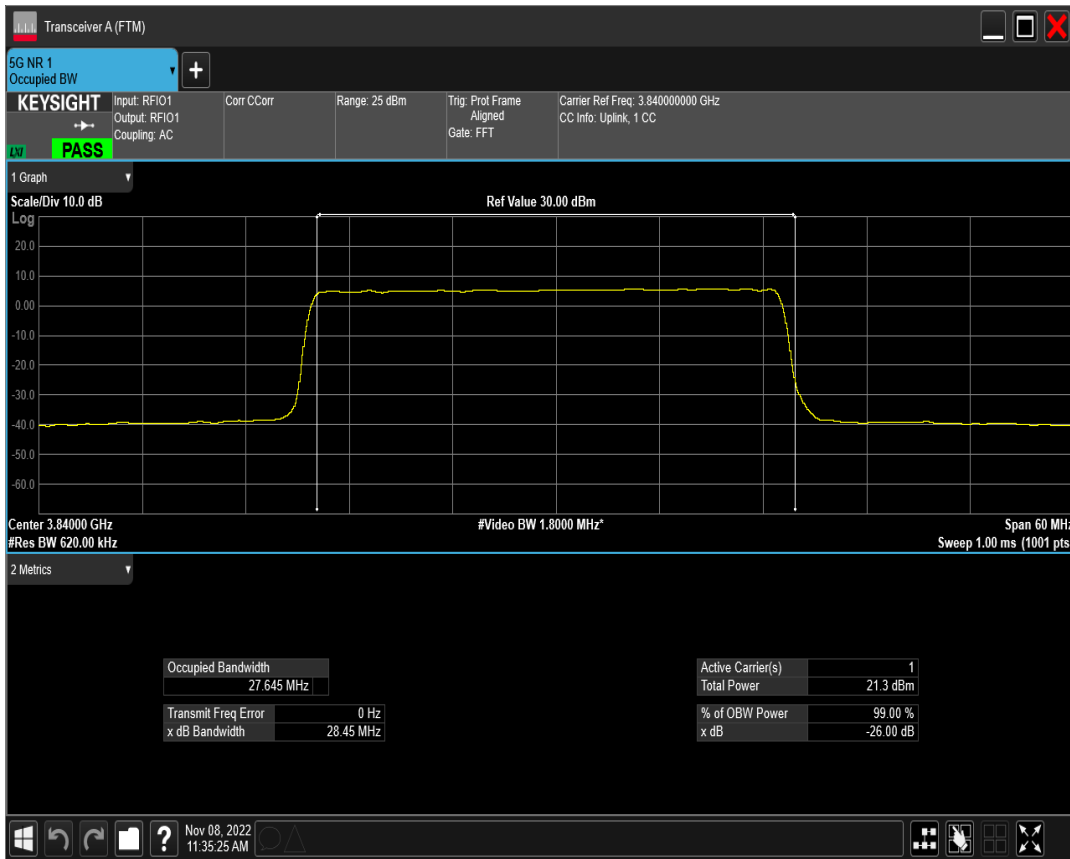
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n77(3700-3980) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=656000 RB=75@0



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



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

