

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	Low Limit (dBm)	high Limit (dBm)	Verdict
n77(3700-3980)	15	10	647000	25@12	DFT_BPSK	25.47	26.67	33	PASS
n77(3700-3980)	15	10	647000	1@1	DFT_BPSK	25.30	26.5	33	PASS
n77(3700-3980)	15	10	647000	1@50	DFT_BPSK	25.48	26.68	33	PASS
n77(3700-3980)	15	10	647000	25@12	DFT_QPSK	25.49	26.69	33	PASS
n77(3700-3980)	15	10	647000	1@1	DFT_QPSK	25.21	26.41	33	PASS
n77(3700-3980)	15	10	647000	1@50	DFT_QPSK	25.39	26.59	33	PASS
n77(3700-3980)	15	10	647000	25@12	DFT_QAM16	24.34	25.54	33	PASS
n77(3700-3980)	15	10	647000	1@1	DFT_QAM16	24.39	25.59	33	PASS
n77(3700-3980)	15	10	647000	1@50	DFT_QAM16	24.58	25.78	33	PASS
n77(3700-3980)	15	10	647000	25@12	DFT_QAM64	23.05	24.25	33	PASS
n77(3700-3980)	15	10	647000	1@1	DFT_QAM64	22.79	23.99	33	PASS
n77(3700-3980)	15	10	647000	1@50	DFT_QAM64	23.10	24.3	33	PASS
n77(3700-3980)	15	10	647000	25@12	DFT_QAM256	21.09	22.29	33	PASS
n77(3700-3980)	15	10	647000	1@1	DFT_QAM256	21.05	22.25	33	PASS
n77(3700-3980)	15	10	647000	1@50	DFT_QAM256	21.48	22.68	33	PASS
n77(3700-3980)	15	10	647000	26@13	CP_QPSK	23.92	25.12	33	PASS
n77(3700-3980)	15	10	647000	1@1	CP_QPSK	23.78	24.98	33	PASS
n77(3700-3980)	15	10	647000	1@50	CP_QPSK	23.94	25.14	33	PASS
n77(3700-3980)	15	10	647000	26@13	CP_QAM16	23.42	24.62	33	PASS
n77(3700-3980)	15	10	647000	1@1	CP_QAM16	23.44	24.64	33	PASS
n77(3700-3980)	15	10	647000	1@50	CP_QAM16	23.34	24.54	33	PASS
n77(3700-3980)	15	10	647000	26@13	CP_QAM64	22.07	23.27	33	PASS
n77(3700-3980)	15	10	647000	1@1	CP_QAM64	21.95	23.15	33	PASS
n77(3700-3980)	15	10	647000	1@50	CP_QAM64	22.32	23.52	33	PASS
n77(3700-3980)	15	10	647000	26@13	CP_QAM256	19.11	20.31	33	PASS
n77(3700-3980)	15	10	647000	1@1	CP_QAM256	18.91	20.11	33	PASS
n77(3700-3980)	15	10	647000	1@50	CP_QAM256	19.13	20.33	33	PASS
n77(3700-3980)	15	10	656000	25@12	DFT_BPSK	25.97	27.17	33	PASS
n77(3700-3980)	15	10	656000	1@1	DFT_BPSK	25.86	27.06	33	PASS
n77(3700-3980)	15	10	656000	1@50	DFT_BPSK	25.88	27.08	33	PASS
n77(3700-3980)	15	10	656000	25@12	DFT_QPSK	25.87	27.07	33	PASS
n77(3700-3980)	15	10	656000	1@1	DFT_QPSK	25.81	27.01	33	PASS
n77(3700-3980)	15	10	656000	1@50	DFT_QPSK	25.78	26.98	33	PASS
n77(3700-3980)	15	10	656000	25@12	DFT_QAM16	24.87	26.07	33	PASS
n77(3700-3980)	15	10	656000	1@1	DFT_QAM16	24.92	26.12	33	PASS
n77(3700-3980)	15	10	656000	1@50	DFT_QAM16	24.79	25.99	33	PASS
n77(3700-3980)	15	10	656000	25@12	DFT_QAM64	23.53	24.73	33	PASS
n77(3700-3980)	15	10	656000	1@1	DFT_QAM64	23.37	24.57	33	PASS

n77(3700-3980)	15	10	656000	1@50	DFT_QAM64	23.36	24.56	33	PASS
n77(3700-3980)	15	10	656000	25@12	DFT_QAM256	21.50	22.7	33	PASS
n77(3700-3980)	15	10	656000	1@1	DFT_QAM256	21.67	22.87	33	PASS
n77(3700-3980)	15	10	656000	1@50	DFT_QAM256	21.64	22.84	33	PASS
n77(3700-3980)	15	10	656000	26@13	CP_QPSK	24.33	25.53	33	PASS
n77(3700-3980)	15	10	656000	1@1	CP_QPSK	24.27	25.47	33	PASS
n77(3700-3980)	15	10	656000	1@50	CP_QPSK	24.31	25.51	33	PASS
n77(3700-3980)	15	10	656000	26@13	CP_QAM16	23.90	25.1	33	PASS
n77(3700-3980)	15	10	656000	1@1	CP_QAM16	23.94	25.14	33	PASS
n77(3700-3980)	15	10	656000	1@50	CP_QAM16	23.93	25.13	33	PASS
n77(3700-3980)	15	10	656000	26@13	CP_QAM64	22.43	23.63	33	PASS
n77(3700-3980)	15	10	656000	1@1	CP_QAM64	22.34	23.54	33	PASS
n77(3700-3980)	15	10	656000	1@50	CP_QAM64	22.47	23.67	33	PASS
n77(3700-3980)	15	10	656000	26@13	CP_QAM256	19.49	20.69	33	PASS
n77(3700-3980)	15	10	656000	1@1	CP_QAM256	19.46	20.66	33	PASS
n77(3700-3980)	15	10	656000	1@50	CP_QAM256	19.53	20.73	33	PASS
n77(3700-3980)	15	10	665000	25@12	DFT_BPSK	25.69	26.89	33	PASS
n77(3700-3980)	15	10	665000	1@1	DFT_BPSK	25.52	26.72	33	PASS
n77(3700-3980)	15	10	665000	1@50	DFT_BPSK	25.70	26.9	33	PASS
n77(3700-3980)	15	10	665000	25@12	DFT_QPSK	25.67	26.87	33	PASS
n77(3700-3980)	15	10	665000	1@1	DFT_QPSK	25.49	26.69	33	PASS
n77(3700-3980)	15	10	665000	1@50	DFT_QPSK	25.62	26.82	33	PASS
n77(3700-3980)	15	10	665000	25@12	DFT_QAM16	24.59	25.79	33	PASS
n77(3700-3980)	15	10	665000	1@1	DFT_QAM16	24.55	25.75	33	PASS
n77(3700-3980)	15	10	665000	1@50	DFT_QAM16	24.91	26.11	33	PASS
n77(3700-3980)	15	10	665000	25@12	DFT_QAM64	23.13	24.33	33	PASS
n77(3700-3980)	15	10	665000	1@1	DFT_QAM64	23.22	24.42	33	PASS
n77(3700-3980)	15	10	665000	1@50	DFT_QAM64	23.40	24.6	33	PASS
n77(3700-3980)	15	10	665000	25@12	DFT_QAM256	21.23	22.43	33	PASS
n77(3700-3980)	15	10	665000	1@1	DFT_QAM256	21.61	22.81	33	PASS
n77(3700-3980)	15	10	665000	1@50	DFT_QAM256	21.81	23.01	33	PASS
n77(3700-3980)	15	10	665000	26@13	CP_QPSK	24.14	25.34	33	PASS
n77(3700-3980)	15	10	665000	1@1	CP_QPSK	23.99	25.19	33	PASS
n77(3700-3980)	15	10	665000	1@50	CP_QPSK	24.17	25.37	33	PASS
n77(3700-3980)	15	10	665000	26@13	CP_QAM16	23.68	24.88	33	PASS
n77(3700-3980)	15	10	665000	1@1	CP_QAM16	23.46	24.66	33	PASS
n77(3700-3980)	15	10	665000	1@50	CP_QAM16	23.70	24.9	33	PASS
n77(3700-3980)	15	10	665000	26@13	CP_QAM64	22.23	23.43	33	PASS
n77(3700-3980)	15	10	665000	1@1	CP_QAM64	22.17	23.37	33	PASS
n77(3700-3980)	15	10	665000	1@50	CP_QAM64	22.35	23.55	33	PASS
n77(3700-3980)	15	10	665000	26@13	CP_QAM256	19.30	20.5	33	PASS
n77(3700-3980)	15	10	665000	1@1	CP_QAM256	19.30	20.5	33	PASS

n77(3700-3980)	15	10	665000	1@50	CP_QAM256	19.53	20.73	33	PASS
n77(3700-3980)	15	15	647168	36@18	DFT_BPSK	25.66	26.86	33	PASS
n77(3700-3980)	15	15	647168	1@1	DFT_BPSK	25.36	26.56	33	PASS
n77(3700-3980)	15	15	647168	1@77	DFT_BPSK	25.63	26.83	33	PASS
n77(3700-3980)	15	15	647168	36@18	DFT_QPSK	25.69	26.89	33	PASS
n77(3700-3980)	15	15	647168	1@1	DFT_QPSK	25.37	26.57	33	PASS
n77(3700-3980)	15	15	647168	1@77	DFT_QPSK	25.57	26.77	33	PASS
n77(3700-3980)	15	15	647168	36@18	DFT_QAM16	24.74	25.94	33	PASS
n77(3700-3980)	15	15	647168	1@1	DFT_QAM16	24.31	25.51	33	PASS
n77(3700-3980)	15	15	647168	1@77	DFT_QAM16	24.66	25.86	33	PASS
n77(3700-3980)	15	15	647168	36@18	DFT_QAM64	23.13	24.33	33	PASS
n77(3700-3980)	15	15	647168	1@1	DFT_QAM64	22.93	24.13	33	PASS
n77(3700-3980)	15	15	647168	1@77	DFT_QAM64	23.11	24.31	33	PASS
n77(3700-3980)	15	15	647168	36@18	DFT_QAM256	21.21	22.41	33	PASS
n77(3700-3980)	15	15	647168	1@1	DFT_QAM256	21.13	22.33	33	PASS
n77(3700-3980)	15	15	647168	1@77	DFT_QAM256	21.37	22.57	33	PASS
n77(3700-3980)	15	15	647168	39@19	CP_QPSK	24.19	25.39	33	PASS
n77(3700-3980)	15	15	647168	1@1	CP_QPSK	23.93	25.13	33	PASS
n77(3700-3980)	15	15	647168	1@77	CP_QPSK	23.93	25.13	33	PASS
n77(3700-3980)	15	15	647168	39@19	CP_QAM16	23.68	24.88	33	PASS
n77(3700-3980)	15	15	647168	1@1	CP_QAM16	23.48	24.68	33	PASS
n77(3700-3980)	15	15	647168	1@77	CP_QAM16	23.39	24.59	33	PASS
n77(3700-3980)	15	15	647168	39@19	CP_QAM64	22.23	23.43	33	PASS
n77(3700-3980)	15	15	647168	1@1	CP_QAM64	21.88	23.08	33	PASS
n77(3700-3980)	15	15	647168	1@77	CP_QAM64	22.21	23.41	33	PASS
n77(3700-3980)	15	15	647168	39@19	CP_QAM256	19.26	20.46	33	PASS
n77(3700-3980)	15	15	647168	1@1	CP_QAM256	19.12	20.32	33	PASS
n77(3700-3980)	15	15	647168	1@77	CP_QAM256	19.32	20.52	33	PASS
n77(3700-3980)	15	15	656000	36@18	DFT_BPSK	26.04	27.24	33	PASS
n77(3700-3980)	15	15	656000	1@1	DFT_BPSK	25.90	27.1	33	PASS
n77(3700-3980)	15	15	656000	1@77	DFT_BPSK	25.86	27.06	33	PASS
n77(3700-3980)	15	15	656000	36@18	DFT_QPSK	26.09	27.29	33	PASS
n77(3700-3980)	15	15	656000	1@1	DFT_QPSK	25.77	26.97	33	PASS
n77(3700-3980)	15	15	656000	1@77	DFT_QPSK	25.70	26.9	33	PASS
n77(3700-3980)	15	15	656000	36@18	DFT_QAM16	25.14	26.34	33	PASS
n77(3700-3980)	15	15	656000	1@1	DFT_QAM16	25.23	26.43	33	PASS
n77(3700-3980)	15	15	656000	1@77	DFT_QAM16	25.16	26.36	33	PASS
n77(3700-3980)	15	15	656000	36@18	DFT_QAM64	23.66	24.86	33	PASS
n77(3700-3980)	15	15	656000	1@1	DFT_QAM64	23.50	24.7	33	PASS
n77(3700-3980)	15	15	656000	1@77	DFT_QAM64	23.51	24.71	33	PASS
n77(3700-3980)	15	15	656000	36@18	DFT_QAM256	21.65	22.85	33	PASS
n77(3700-3980)	15	15	656000	1@1	DFT_QAM256	21.85	23.05	33	PASS

n77(3700-3980)	15	15	656000	1@77	DFT_QAM256	21.86	23.06	33	PASS
n77(3700-3980)	15	15	656000	39@19	CP_QPSK	24.58	25.78	33	PASS
n77(3700-3980)	15	15	656000	1@1	CP_QPSK	24.34	25.54	33	PASS
n77(3700-3980)	15	15	656000	1@77	CP_QPSK	24.38	25.58	33	PASS
n77(3700-3980)	15	15	656000	39@19	CP_QAM16	24.10	25.3	33	PASS
n77(3700-3980)	15	15	656000	1@1	CP_QAM16	23.75	24.95	33	PASS
n77(3700-3980)	15	15	656000	1@77	CP_QAM16	23.75	24.95	33	PASS
n77(3700-3980)	15	15	656000	39@19	CP_QAM64	22.64	23.84	33	PASS
n77(3700-3980)	15	15	656000	1@1	CP_QAM64	22.47	23.67	33	PASS
n77(3700-3980)	15	15	656000	1@77	CP_QAM64	22.59	23.79	33	PASS
n77(3700-3980)	15	15	656000	39@19	CP_QAM256	19.65	20.85	33	PASS
n77(3700-3980)	15	15	656000	1@1	CP_QAM256	19.60	20.8	33	PASS
n77(3700-3980)	15	15	656000	1@77	CP_QAM256	19.60	20.8	33	PASS
n77(3700-3980)	15	15	664832	36@18	DFT_BPSK	25.73	26.93	33	PASS
n77(3700-3980)	15	15	664832	1@1	DFT_BPSK	25.62	26.82	33	PASS
n77(3700-3980)	15	15	664832	1@77	DFT_BPSK	25.76	26.96	33	PASS
n77(3700-3980)	15	15	664832	36@18	DFT_QPSK	25.70	26.9	33	PASS
n77(3700-3980)	15	15	664832	1@1	DFT_QPSK	25.48	26.68	33	PASS
n77(3700-3980)	15	15	664832	1@77	DFT_QPSK	25.65	26.85	33	PASS
n77(3700-3980)	15	15	664832	36@18	DFT_QAM16	24.72	25.92	33	PASS
n77(3700-3980)	15	15	664832	1@1	DFT_QAM16	24.87	26.07	33	PASS
n77(3700-3980)	15	15	664832	1@77	DFT_QAM16	25.19	26.39	33	PASS
n77(3700-3980)	15	15	664832	36@18	DFT_QAM64	23.32	24.52	33	PASS
n77(3700-3980)	15	15	664832	1@1	DFT_QAM64	23.29	24.49	33	PASS
n77(3700-3980)	15	15	664832	1@77	DFT_QAM64	23.53	24.73	33	PASS
n77(3700-3980)	15	15	664832	36@18	DFT_QAM256	21.36	22.56	33	PASS
n77(3700-3980)	15	15	664832	1@1	DFT_QAM256	21.59	22.79	33	PASS
n77(3700-3980)	15	15	664832	1@77	DFT_QAM256	21.66	22.86	33	PASS
n77(3700-3980)	15	15	664832	39@19	CP_QPSK	24.28	25.48	33	PASS
n77(3700-3980)	15	15	664832	1@1	CP_QPSK	24.10	25.3	33	PASS
n77(3700-3980)	15	15	664832	1@77	CP_QPSK	24.39	25.59	33	PASS
n77(3700-3980)	15	15	664832	39@19	CP_QAM16	23.84	25.04	33	PASS
n77(3700-3980)	15	15	664832	1@1	CP_QAM16	23.52	24.72	33	PASS
n77(3700-3980)	15	15	664832	1@77	CP_QAM16	24.05	25.25	33	PASS
n77(3700-3980)	15	15	664832	39@19	CP_QAM64	22.33	23.53	33	PASS
n77(3700-3980)	15	15	664832	1@1	CP_QAM64	22.20	23.4	33	PASS
n77(3700-3980)	15	15	664832	1@77	CP_QAM64	22.51	23.71	33	PASS
n77(3700-3980)	15	15	664832	39@19	CP_QAM256	19.46	20.66	33	PASS
n77(3700-3980)	15	15	664832	1@1	CP_QAM256	19.41	20.61	33	PASS
n77(3700-3980)	15	15	664832	1@77	CP_QAM256	19.73	20.93	33	PASS
n77(3700-3980)	15	20	647334	50@25	DFT_BPSK	25.65	26.85	33	PASS
n77(3700-3980)	15	20	647334	1@1	DFT_BPSK	25.34	26.54	33	PASS

n77(3700-3980)	15	20	647334	1@104	DFT_BPSK	25.54	26.74	33	PASS
n77(3700-3980)	15	20	647334	50@25	DFT_QPSK	25.65	26.85	33	PASS
n77(3700-3980)	15	20	647334	1@1	DFT_QPSK	25.25	26.45	33	PASS
n77(3700-3980)	15	20	647334	1@104	DFT_QPSK	25.40	26.6	33	PASS
n77(3700-3980)	15	20	647334	50@25	DFT_QAM16	24.76	25.96	33	PASS
n77(3700-3980)	15	20	647334	1@1	DFT_QAM16	24.55	25.75	33	PASS
n77(3700-3980)	15	20	647334	1@104	DFT_QAM16	24.69	25.89	33	PASS
n77(3700-3980)	15	20	647334	50@25	DFT_QAM64	23.25	24.45	33	PASS
n77(3700-3980)	15	20	647334	1@1	DFT_QAM64	22.87	24.07	33	PASS
n77(3700-3980)	15	20	647334	1@104	DFT_QAM64	23.15	24.35	33	PASS
n77(3700-3980)	15	20	647334	50@25	DFT_QAM256	21.22	22.42	33	PASS
n77(3700-3980)	15	20	647334	1@1	DFT_QAM256	21.41	22.61	33	PASS
n77(3700-3980)	15	20	647334	1@104	DFT_QAM256	21.61	22.81	33	PASS
n77(3700-3980)	15	20	647334	53@26	CP_QPSK	24.17	25.37	33	PASS
n77(3700-3980)	15	20	647334	1@1	CP_QPSK	23.75	24.95	33	PASS
n77(3700-3980)	15	20	647334	1@104	CP_QPSK	24.13	25.33	33	PASS
n77(3700-3980)	15	20	647334	53@26	CP_QAM16	23.62	24.82	33	PASS
n77(3700-3980)	15	20	647334	1@1	CP_QAM16	23.64	24.84	33	PASS
n77(3700-3980)	15	20	647334	1@104	CP_QAM16	23.81	25.01	33	PASS
n77(3700-3980)	15	20	647334	53@26	CP_QAM64	22.19	23.39	33	PASS
n77(3700-3980)	15	20	647334	1@1	CP_QAM64	21.88	23.08	33	PASS
n77(3700-3980)	15	20	647334	1@104	CP_QAM64	22.17	23.37	33	PASS
n77(3700-3980)	15	20	647334	53@26	CP_QAM256	19.25	20.45	33	PASS
n77(3700-3980)	15	20	647334	1@1	CP_QAM256	19.02	20.22	33	PASS
n77(3700-3980)	15	20	647334	1@104	CP_QAM256	19.37	20.57	33	PASS
n77(3700-3980)	15	20	656000	50@25	DFT_BPSK	26.09	27.29	33	PASS
n77(3700-3980)	15	20	656000	1@1	DFT_BPSK	25.83	27.03	33	PASS
n77(3700-3980)	15	20	656000	1@104	DFT_BPSK	25.84	27.04	33	PASS
n77(3700-3980)	15	20	656000	50@25	DFT_QPSK	26.08	27.28	33	PASS
n77(3700-3980)	15	20	656000	1@1	DFT_QPSK	25.67	26.87	33	PASS
n77(3700-3980)	15	20	656000	1@104	DFT_QPSK	25.70	26.9	33	PASS
n77(3700-3980)	15	20	656000	50@25	DFT_QAM16	25.10	26.3	33	PASS
n77(3700-3980)	15	20	656000	1@1	DFT_QAM16	24.88	26.08	33	PASS
n77(3700-3980)	15	20	656000	1@104	DFT_QAM16	24.90	26.1	33	PASS
n77(3700-3980)	15	20	656000	50@25	DFT_QAM64	23.62	24.82	33	PASS
n77(3700-3980)	15	20	656000	1@1	DFT_QAM64	23.43	24.63	33	PASS
n77(3700-3980)	15	20	656000	1@104	DFT_QAM64	23.43	24.63	33	PASS
n77(3700-3980)	15	20	656000	50@25	DFT_QAM256	21.64	22.84	33	PASS
n77(3700-3980)	15	20	656000	1@1	DFT_QAM256	21.56	22.76	33	PASS
n77(3700-3980)	15	20	656000	1@104	DFT_QAM256	21.57	22.77	33	PASS
n77(3700-3980)	15	20	656000	53@26	CP_QPSK	24.57	25.77	33	PASS
n77(3700-3980)	15	20	656000	1@1	CP_QPSK	24.19	25.39	33	PASS

n77(3700-3980)	15	20	656000	1@104	CP_QPSK	24.36	25.56	33	PASS
n77(3700-3980)	15	20	656000	53@26	CP_QAM16	24.13	25.33	33	PASS
n77(3700-3980)	15	20	656000	1@1	CP_QAM16	23.87	25.07	33	PASS
n77(3700-3980)	15	20	656000	1@104	CP_QAM16	23.66	24.86	33	PASS
n77(3700-3980)	15	20	656000	53@26	CP_QAM64	22.60	23.8	33	PASS
n77(3700-3980)	15	20	656000	1@1	CP_QAM64	22.49	23.69	33	PASS
n77(3700-3980)	15	20	656000	1@104	CP_QAM64	22.58	23.78	33	PASS
n77(3700-3980)	15	20	656000	53@26	CP_QAM256	19.73	20.93	33	PASS
n77(3700-3980)	15	20	656000	1@1	CP_QAM256	19.51	20.71	33	PASS
n77(3700-3980)	15	20	656000	1@104	CP_QAM256	19.44	20.64	33	PASS
n77(3700-3980)	15	20	664666	50@25	DFT_BPSK	25.69	26.89	33	PASS
n77(3700-3980)	15	20	664666	1@1	DFT_BPSK	25.58	26.78	33	PASS
n77(3700-3980)	15	20	664666	1@104	DFT_BPSK	25.81	27.01	33	PASS
n77(3700-3980)	15	20	664666	50@25	DFT_QPSK	25.75	26.95	33	PASS
n77(3700-3980)	15	20	664666	1@1	DFT_QPSK	25.54	26.74	33	PASS
n77(3700-3980)	15	20	664666	1@104	DFT_QPSK	25.68	26.88	33	PASS
n77(3700-3980)	15	20	664666	50@25	DFT_QAM16	24.79	25.99	33	PASS
n77(3700-3980)	15	20	664666	1@1	DFT_QAM16	24.52	25.72	33	PASS
n77(3700-3980)	15	20	664666	1@104	DFT_QAM16	24.95	26.15	33	PASS
n77(3700-3980)	15	20	664666	50@25	DFT_QAM64	23.29	24.49	33	PASS
n77(3700-3980)	15	20	664666	1@1	DFT_QAM64	23.13	24.33	33	PASS
n77(3700-3980)	15	20	664666	1@104	DFT_QAM64	23.42	24.62	33	PASS
n77(3700-3980)	15	20	664666	50@25	DFT_QAM256	21.39	22.59	33	PASS
n77(3700-3980)	15	20	664666	1@1	DFT_QAM256	21.51	22.71	33	PASS
n77(3700-3980)	15	20	664666	1@104	DFT_QAM256	21.82	23.02	33	PASS
n77(3700-3980)	15	20	664666	53@26	CP_QPSK	24.15	25.35	33	PASS
n77(3700-3980)	15	20	664666	1@1	CP_QPSK	23.98	25.18	33	PASS
n77(3700-3980)	15	20	664666	1@104	CP_QPSK	24.35	25.55	33	PASS
n77(3700-3980)	15	20	664666	53@26	CP_QAM16	23.80	25	33	PASS
n77(3700-3980)	15	20	664666	1@1	CP_QAM16	23.63	24.83	33	PASS
n77(3700-3980)	15	20	664666	1@104	CP_QAM16	23.63	24.83	33	PASS
n77(3700-3980)	15	20	664666	53@26	CP_QAM64	22.30	23.5	33	PASS
n77(3700-3980)	15	20	664666	1@1	CP_QAM64	22.25	23.45	33	PASS
n77(3700-3980)	15	20	664666	1@104	CP_QAM64	22.64	23.84	33	PASS
n77(3700-3980)	15	20	664666	53@26	CP_QAM256	19.41	20.61	33	PASS
n77(3700-3980)	15	20	664666	1@1	CP_QAM256	19.28	20.48	33	PASS
n77(3700-3980)	15	20	664666	1@104	CP_QAM256	19.53	20.73	33	PASS
n77(3700-3980)	15	30	647668	80@40	DFT_BPSK	25.56	26.76	33	PASS
n77(3700-3980)	15	30	647668	1@1	DFT_BPSK	25.17	26.37	33	PASS
n77(3700-3980)	15	30	647668	1@158	DFT_BPSK	25.31	26.51	33	PASS
n77(3700-3980)	15	30	647668	80@40	DFT_QPSK	25.60	26.8	33	PASS
n77(3700-3980)	15	30	647668	1@1	DFT_QPSK	25.06	26.26	33	PASS

n77(3700-3980)	15	30	647668	1@158	DFT_QPSK	25.10	26.3	33	PASS
n77(3700-3980)	15	30	647668	80@40	DFT_QAM16	24.59	25.79	33	PASS
n77(3700-3980)	15	30	647668	1@1	DFT_QAM16	24.04	25.24	33	PASS
n77(3700-3980)	15	30	647668	1@158	DFT_QAM16	24.18	25.38	33	PASS
n77(3700-3980)	15	30	647668	80@40	DFT_QAM64	23.17	24.37	33	PASS
n77(3700-3980)	15	30	647668	1@1	DFT_QAM64	22.66	23.86	33	PASS
n77(3700-3980)	15	30	647668	1@158	DFT_QAM64	22.88	24.08	33	PASS
n77(3700-3980)	15	30	647668	80@40	DFT_QAM256	21.26	22.46	33	PASS
n77(3700-3980)	15	30	647668	1@1	DFT_QAM256	20.86	22.06	33	PASS
n77(3700-3980)	15	30	647668	1@158	DFT_QAM256	21.25	22.45	33	PASS
n77(3700-3980)	15	30	647668	80@40	CP_QPSK	24.15	25.35	33	PASS
n77(3700-3980)	15	30	647668	1@1	CP_QPSK	23.66	24.86	33	PASS
n77(3700-3980)	15	30	647668	1@158	CP_QPSK	23.72	24.92	33	PASS
n77(3700-3980)	15	30	647668	80@40	CP_QAM16	23.55	24.75	33	PASS
n77(3700-3980)	15	30	647668	1@1	CP_QAM16	23.20	24.4	33	PASS
n77(3700-3980)	15	30	647668	1@158	CP_QAM16	23.35	24.55	33	PASS
n77(3700-3980)	15	30	647668	80@40	CP_QAM64	22.17	23.37	33	PASS
n77(3700-3980)	15	30	647668	1@1	CP_QAM64	21.79	22.99	33	PASS
n77(3700-3980)	15	30	647668	1@158	CP_QAM64	22.02	23.22	33	PASS
n77(3700-3980)	15	30	647668	80@40	CP_QAM256	19.19	20.39	33	PASS
n77(3700-3980)	15	30	647668	1@1	CP_QAM256	18.80	20	33	PASS
n77(3700-3980)	15	30	647668	1@158	CP_QAM256	19.03	20.23	33	PASS
n77(3700-3980)	15	30	656000	80@40	DFT_BPSK	26.02	27.22	33	PASS
n77(3700-3980)	15	30	656000	1@1	DFT_BPSK	25.37	26.57	33	PASS
n77(3700-3980)	15	30	656000	1@158	DFT_BPSK	25.50	26.7	33	PASS
n77(3700-3980)	15	30	656000	80@40	DFT_QPSK	25.94	27.14	33	PASS
n77(3700-3980)	15	30	656000	1@1	DFT_QPSK	25.34	26.54	33	PASS
n77(3700-3980)	15	30	656000	1@158	DFT_QPSK	25.38	26.58	33	PASS
n77(3700-3980)	15	30	656000	80@40	DFT_QAM16	24.98	26.18	33	PASS
n77(3700-3980)	15	30	656000	1@1	DFT_QAM16	24.64	25.84	33	PASS
n77(3700-3980)	15	30	656000	1@158	DFT_QAM16	24.69	25.89	33	PASS
n77(3700-3980)	15	30	656000	80@40	DFT_QAM64	23.59	24.79	33	PASS
n77(3700-3980)	15	30	656000	1@1	DFT_QAM64	22.99	24.19	33	PASS
n77(3700-3980)	15	30	656000	1@158	DFT_QAM64	23.03	24.23	33	PASS
n77(3700-3980)	15	30	656000	80@40	DFT_QAM256	21.65	22.85	33	PASS
n77(3700-3980)	15	30	656000	1@1	DFT_QAM256	21.65	22.85	33	PASS
n77(3700-3980)	15	30	656000	1@158	DFT_QAM256	21.46	22.66	33	PASS
n77(3700-3980)	15	30	656000	80@40	CP_QPSK	24.52	25.72	33	PASS
n77(3700-3980)	15	30	656000	1@1	CP_QPSK	23.95	25.15	33	PASS
n77(3700-3980)	15	30	656000	1@158	CP_QPSK	23.95	25.15	33	PASS
n77(3700-3980)	15	30	656000	80@40	CP_QAM16	23.92	25.12	33	PASS
n77(3700-3980)	15	30	656000	1@1	CP_QAM16	23.69	24.89	33	PASS

n77(3700-3980)	15	30	656000	1@158	CP_QAM16	23.79	24.99	33	PASS
n77(3700-3980)	15	30	656000	80@40	CP_QAM64	22.57	23.77	33	PASS
n77(3700-3980)	15	30	656000	1@1	CP_QAM64	22.14	23.34	33	PASS
n77(3700-3980)	15	30	656000	1@158	CP_QAM64	22.19	23.39	33	PASS
n77(3700-3980)	15	30	656000	80@40	CP_QAM256	19.69	20.89	33	PASS
n77(3700-3980)	15	30	656000	1@1	CP_QAM256	19.34	20.54	33	PASS
n77(3700-3980)	15	30	656000	1@158	CP_QAM256	19.23	20.43	33	PASS
n77(3700-3980)	15	30	664332	80@40	DFT_BPSK	25.71	26.91	33	PASS
n77(3700-3980)	15	30	664332	1@1	DFT_BPSK	25.38	26.58	33	PASS
n77(3700-3980)	15	30	664332	1@158	DFT_BPSK	25.46	26.66	33	PASS
n77(3700-3980)	15	30	664332	80@40	DFT_QPSK	25.61	26.81	33	PASS
n77(3700-3980)	15	30	664332	1@1	DFT_QPSK	25.22	26.42	33	PASS
n77(3700-3980)	15	30	664332	1@158	DFT_QPSK	25.36	26.56	33	PASS
n77(3700-3980)	15	30	664332	80@40	DFT_QAM16	24.70	25.9	33	PASS
n77(3700-3980)	15	30	664332	1@1	DFT_QAM16	24.56	25.76	33	PASS
n77(3700-3980)	15	30	664332	1@158	DFT_QAM16	24.65	25.85	33	PASS
n77(3700-3980)	15	30	664332	80@40	DFT_QAM64	23.23	24.43	33	PASS
n77(3700-3980)	15	30	664332	1@1	DFT_QAM64	22.89	24.09	33	PASS
n77(3700-3980)	15	30	664332	1@158	DFT_QAM64	23.02	24.22	33	PASS
n77(3700-3980)	15	30	664332	80@40	DFT_QAM256	21.30	22.5	33	PASS
n77(3700-3980)	15	30	664332	1@1	DFT_QAM256	21.43	22.63	33	PASS
n77(3700-3980)	15	30	664332	1@158	DFT_QAM256	21.58	22.78	33	PASS
n77(3700-3980)	15	30	664332	80@40	CP_QPSK	24.08	25.28	33	PASS
n77(3700-3980)	15	30	664332	1@1	CP_QPSK	23.89	25.09	33	PASS
n77(3700-3980)	15	30	664332	1@158	CP_QPSK	23.96	25.16	33	PASS
n77(3700-3980)	15	30	664332	80@40	CP_QAM16	23.61	24.81	33	PASS
n77(3700-3980)	15	30	664332	1@1	CP_QAM16	23.24	24.44	33	PASS
n77(3700-3980)	15	30	664332	1@158	CP_QAM16	23.72	24.92	33	PASS
n77(3700-3980)	15	30	664332	80@40	CP_QAM64	22.19	23.39	33	PASS
n77(3700-3980)	15	30	664332	1@1	CP_QAM64	22.01	23.21	33	PASS
n77(3700-3980)	15	30	664332	1@158	CP_QAM64	22.16	23.36	33	PASS
n77(3700-3980)	15	30	664332	80@40	CP_QAM256	19.34	20.54	33	PASS
n77(3700-3980)	15	30	664332	1@1	CP_QAM256	19.20	20.4	33	PASS
n77(3700-3980)	15	30	664332	1@158	CP_QAM256	19.26	20.46	33	PASS
n77(3700-3980)	15	40	648000	108@54	DFT_BPSK	25.61	26.81	33	PASS
n77(3700-3980)	15	40	648000	1@1	DFT_BPSK	24.86	26.06	33	PASS
n77(3700-3980)	15	40	648000	1@214	DFT_BPSK	25.19	26.39	33	PASS
n77(3700-3980)	15	40	648000	108@54	DFT_QPSK	25.65	26.85	33	PASS
n77(3700-3980)	15	40	648000	1@1	DFT_QPSK	24.78	25.98	33	PASS
n77(3700-3980)	15	40	648000	1@214	DFT_QPSK	25.07	26.27	33	PASS
n77(3700-3980)	15	40	648000	108@54	DFT_QAM16	24.60	25.8	33	PASS
n77(3700-3980)	15	40	648000	1@1	DFT_QAM16	24.06	25.26	33	PASS

n77(3700-3980)	15	40	648000	1@214	DFT_QAM16	24.28	25.48	33	PASS
n77(3700-3980)	15	40	648000	108@54	DFT_QAM64	23.11	24.31	33	PASS
n77(3700-3980)	15	40	648000	1@1	DFT_QAM64	22.40	23.6	33	PASS
n77(3700-3980)	15	40	648000	1@214	DFT_QAM64	22.63	23.83	33	PASS
n77(3700-3980)	15	40	648000	108@54	DFT_QAM256	21.16	22.36	33	PASS
n77(3700-3980)	15	40	648000	1@1	DFT_QAM256	20.67	21.87	33	PASS
n77(3700-3980)	15	40	648000	1@214	DFT_QAM256	20.93	22.13	33	PASS
n77(3700-3980)	15	40	648000	108@54	CP_QPSK	24.04	25.24	33	PASS
n77(3700-3980)	15	40	648000	1@1	CP_QPSK	23.41	24.61	33	PASS
n77(3700-3980)	15	40	648000	1@214	CP_QPSK	23.64	24.84	33	PASS
n77(3700-3980)	15	40	648000	108@54	CP_QAM16	23.65	24.85	33	PASS
n77(3700-3980)	15	40	648000	1@1	CP_QAM16	22.67	23.87	33	PASS
n77(3700-3980)	15	40	648000	1@214	CP_QAM16	23.37	24.57	33	PASS
n77(3700-3980)	15	40	648000	108@54	CP_QAM64	22.15	23.35	33	PASS
n77(3700-3980)	15	40	648000	1@1	CP_QAM64	21.53	22.73	33	PASS
n77(3700-3980)	15	40	648000	1@214	CP_QAM64	21.69	22.89	33	PASS
n77(3700-3980)	15	40	648000	108@54	CP_QAM256	19.19	20.39	33	PASS
n77(3700-3980)	15	40	648000	1@1	CP_QAM256	18.62	19.82	33	PASS
n77(3700-3980)	15	40	648000	1@214	CP_QAM256	18.86	20.06	33	PASS
n77(3700-3980)	15	40	656000	108@54	DFT_BPSK	26.02	27.22	33	PASS
n77(3700-3980)	15	40	656000	1@1	DFT_BPSK	25.25	26.45	33	PASS
n77(3700-3980)	15	40	656000	1@214	DFT_BPSK	25.35	26.55	33	PASS
n77(3700-3980)	15	40	656000	108@54	DFT_QPSK	26.03	27.23	33	PASS
n77(3700-3980)	15	40	656000	1@1	DFT_QPSK	25.11	26.31	33	PASS
n77(3700-3980)	15	40	656000	1@214	DFT_QPSK	25.17	26.37	33	PASS
n77(3700-3980)	15	40	656000	108@54	DFT_QAM16	25.04	26.24	33	PASS
n77(3700-3980)	15	40	656000	1@1	DFT_QAM16	24.37	25.57	33	PASS
n77(3700-3980)	15	40	656000	1@214	DFT_QAM16	24.66	25.86	33	PASS
n77(3700-3980)	15	40	656000	108@54	DFT_QAM64	23.55	24.75	33	PASS
n77(3700-3980)	15	40	656000	1@1	DFT_QAM64	22.97	24.17	33	PASS
n77(3700-3980)	15	40	656000	1@214	DFT_QAM64	23.01	24.21	33	PASS
n77(3700-3980)	15	40	656000	108@54	DFT_QAM256	21.58	22.78	33	PASS
n77(3700-3980)	15	40	656000	1@1	DFT_QAM256	21.09	22.29	33	PASS
n77(3700-3980)	15	40	656000	1@214	DFT_QAM256	21.11	22.31	33	PASS
n77(3700-3980)	15	40	656000	108@54	CP_QPSK	24.44	25.64	33	PASS
n77(3700-3980)	15	40	656000	1@1	CP_QPSK	23.69	24.89	33	PASS
n77(3700-3980)	15	40	656000	1@214	CP_QPSK	23.79	24.99	33	PASS
n77(3700-3980)	15	40	656000	108@54	CP_QAM16	23.95	25.15	33	PASS
n77(3700-3980)	15	40	656000	1@1	CP_QAM16	23.35	24.55	33	PASS
n77(3700-3980)	15	40	656000	1@214	CP_QAM16	23.12	24.32	33	PASS
n77(3700-3980)	15	40	656000	108@54	CP_QAM64	22.53	23.73	33	PASS
n77(3700-3980)	15	40	656000	1@1	CP_QAM64	21.82	23.02	33	PASS

n77(3700-3980)	15	40	656000	1@214	CP_QAM64	22.03	23.23	33	PASS
n77(3700-3980)	15	40	656000	108@54	CP_QAM256	19.64	20.84	33	PASS
n77(3700-3980)	15	40	656000	1@1	CP_QAM256	18.90	20.1	33	PASS
n77(3700-3980)	15	40	656000	1@214	CP_QAM256	19.03	20.23	33	PASS
n77(3700-3980)	15	40	664000	108@54	DFT_BPSK	25.67	26.87	33	PASS
n77(3700-3980)	15	40	664000	1@1	DFT_BPSK	25.07	26.27	33	PASS
n77(3700-3980)	15	40	664000	1@214	DFT_BPSK	25.26	26.46	33	PASS
n77(3700-3980)	15	40	664000	108@54	DFT_QPSK	25.69	26.89	33	PASS
n77(3700-3980)	15	40	664000	1@1	DFT_QPSK	24.84	26.04	33	PASS
n77(3700-3980)	15	40	664000	1@214	DFT_QPSK	25.17	26.37	33	PASS
n77(3700-3980)	15	40	664000	108@54	DFT_QAM16	24.74	25.94	33	PASS
n77(3700-3980)	15	40	664000	1@1	DFT_QAM16	24.13	25.33	33	PASS
n77(3700-3980)	15	40	664000	1@214	DFT_QAM16	24.66	25.86	33	PASS
n77(3700-3980)	15	40	664000	108@54	DFT_QAM64	23.19	24.39	33	PASS
n77(3700-3980)	15	40	664000	1@1	DFT_QAM64	22.74	23.94	33	PASS
n77(3700-3980)	15	40	664000	1@214	DFT_QAM64	23.05	24.25	33	PASS
n77(3700-3980)	15	40	664000	108@54	DFT_QAM256	21.25	22.45	33	PASS
n77(3700-3980)	15	40	664000	1@1	DFT_QAM256	20.87	22.07	33	PASS
n77(3700-3980)	15	40	664000	1@214	DFT_QAM256	21.17	22.37	33	PASS
n77(3700-3980)	15	40	664000	108@54	CP_QPSK	24.12	25.32	33	PASS
n77(3700-3980)	15	40	664000	1@1	CP_QPSK	23.55	24.75	33	PASS
n77(3700-3980)	15	40	664000	1@214	CP_QPSK	23.74	24.94	33	PASS
n77(3700-3980)	15	40	664000	108@54	CP_QAM16	23.66	24.86	33	PASS
n77(3700-3980)	15	40	664000	1@1	CP_QAM16	22.94	24.14	33	PASS
n77(3700-3980)	15	40	664000	1@214	CP_QAM16	23.44	24.64	33	PASS
n77(3700-3980)	15	40	664000	108@54	CP_QAM64	22.23	23.43	33	PASS
n77(3700-3980)	15	40	664000	1@1	CP_QAM64	21.66	22.86	33	PASS
n77(3700-3980)	15	40	664000	1@214	CP_QAM64	21.96	23.16	33	PASS
n77(3700-3980)	15	40	664000	108@54	CP_QAM256	19.35	20.55	33	PASS
n77(3700-3980)	15	40	664000	1@1	CP_QAM256	18.84	20.04	33	PASS
n77(3700-3980)	15	40	664000	1@214	CP_QAM256	19.11	20.31	33	PASS
n77(3700-3980)	15	50	648334	135@67	DFT_BPSK	25.63	26.83	33	PASS
n77(3700-3980)	15	50	648334	1@1	DFT_BPSK	25.26	26.46	33	PASS
n77(3700-3980)	15	50	648334	1@268	DFT_BPSK	25.49	26.69	33	PASS
n77(3700-3980)	15	50	648334	135@67	DFT_QPSK	25.58	26.78	33	PASS
n77(3700-3980)	15	50	648334	1@1	DFT_QPSK	25.07	26.27	33	PASS
n77(3700-3980)	15	50	648334	1@268	DFT_QPSK	25.36	26.56	33	PASS
n77(3700-3980)	15	50	648334	135@67	DFT_QAM16	24.62	25.82	33	PASS
n77(3700-3980)	15	50	648334	1@1	DFT_QAM16	24.54	25.74	33	PASS
n77(3700-3980)	15	50	648334	1@268	DFT_QAM16	24.76	25.96	33	PASS
n77(3700-3980)	15	50	648334	135@67	DFT_QAM64	23.17	24.37	33	PASS
n77(3700-3980)	15	50	648334	1@1	DFT_QAM64	22.93	24.13	33	PASS

n77(3700-3980)	15	50	648334	1@268	DFT_QAM64	23.22	24.42	33	PASS
n77(3700-3980)	15	50	648334	135@67	DFT_QAM256	21.19	22.39	33	PASS
n77(3700-3980)	15	50	648334	1@1	DFT_QAM256	21.03	22.23	33	PASS
n77(3700-3980)	15	50	648334	1@268	DFT_QAM256	21.47	22.67	33	PASS
n77(3700-3980)	15	50	648334	135@67	CP_QPSK	24.08	25.28	33	PASS
n77(3700-3980)	15	50	648334	1@1	CP_QPSK	23.74	24.94	33	PASS
n77(3700-3980)	15	50	648334	1@268	CP_QPSK	23.95	25.15	33	PASS
n77(3700-3980)	15	50	648334	135@67	CP_QAM16	23.63	24.83	33	PASS
n77(3700-3980)	15	50	648334	1@1	CP_QAM16	22.99	24.19	33	PASS
n77(3700-3980)	15	50	648334	1@268	CP_QAM16	23.61	24.81	33	PASS
n77(3700-3980)	15	50	648334	135@67	CP_QAM64	22.11	23.31	33	PASS
n77(3700-3980)	15	50	648334	1@1	CP_QAM64	21.82	23.02	33	PASS
n77(3700-3980)	15	50	648334	1@268	CP_QAM64	22.15	23.35	33	PASS
n77(3700-3980)	15	50	648334	135@67	CP_QAM256	19.25	20.45	33	PASS
n77(3700-3980)	15	50	648334	1@1	CP_QAM256	18.98	20.18	33	PASS
n77(3700-3980)	15	50	648334	1@268	CP_QAM256	19.23	20.43	33	PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	25.96	27.16	33	PASS
n77(3700-3980)	15	50	656000	1@1	DFT_BPSK	25.49	26.69	33	PASS
n77(3700-3980)	15	50	656000	1@268	DFT_BPSK	25.65	26.85	33	PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	25.98	27.18	33	PASS
n77(3700-3980)	15	50	656000	1@1	DFT_QPSK	25.35	26.55	33	PASS
n77(3700-3980)	15	50	656000	1@268	DFT_QPSK	25.42	26.62	33	PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QAM16	24.98	26.18	33	PASS
n77(3700-3980)	15	50	656000	1@1	DFT_QAM16	24.58	25.78	33	PASS
n77(3700-3980)	15	50	656000	1@268	DFT_QAM16	24.65	25.85	33	PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QAM64	23.51	24.71	33	PASS
n77(3700-3980)	15	50	656000	1@1	DFT_QAM64	23.04	24.24	33	PASS
n77(3700-3980)	15	50	656000	1@268	DFT_QAM64	23.12	24.32	33	PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QAM256	21.55	22.75	33	PASS
n77(3700-3980)	15	50	656000	1@1	DFT_QAM256	21.27	22.47	33	PASS
n77(3700-3980)	15	50	656000	1@268	DFT_QAM256	21.63	22.83	33	PASS
n77(3700-3980)	15	50	656000	135@67	CP_QPSK	24.45	25.65	33	PASS
n77(3700-3980)	15	50	656000	1@1	CP_QPSK	24.07	25.27	33	PASS
n77(3700-3980)	15	50	656000	1@268	CP_QPSK	24.20	25.4	33	PASS
n77(3700-3980)	15	50	656000	135@67	CP_QAM16	23.92	25.12	33	PASS
n77(3700-3980)	15	50	656000	1@1	CP_QAM16	23.57	24.77	33	PASS
n77(3700-3980)	15	50	656000	1@268	CP_QAM16	23.67	24.87	33	PASS
n77(3700-3980)	15	50	656000	135@67	CP_QAM64	22.47	23.67	33	PASS
n77(3700-3980)	15	50	656000	1@1	CP_QAM64	22.21	23.41	33	PASS
n77(3700-3980)	15	50	656000	1@268	CP_QAM64	22.31	23.51	33	PASS
n77(3700-3980)	15	50	656000	135@67	CP_QAM256	19.57	20.77	33	PASS
n77(3700-3980)	15	50	656000	1@1	CP_QAM256	19.34	20.54	33	PASS

n77(3700-3980)	15	50	656000	1@268	CP_QAM256	19.31	20.51	33	PASS
n77(3700-3980)	15	50	663666	135@67	DFT_BPSK	25.64	26.84	33	PASS
n77(3700-3980)	15	50	663666	1@1	DFT_BPSK	25.22	26.42	33	PASS
n77(3700-3980)	15	50	663666	1@268	DFT_BPSK	25.59	26.79	33	PASS
n77(3700-3980)	15	50	663666	135@67	DFT_QPSK	25.68	26.88	33	PASS
n77(3700-3980)	15	50	663666	1@1	DFT_QPSK	24.98	26.18	33	PASS
n77(3700-3980)	15	50	663666	1@268	DFT_QPSK	25.48	26.68	33	PASS
n77(3700-3980)	15	50	663666	135@67	DFT_QAM16	24.63	25.83	33	PASS
n77(3700-3980)	15	50	663666	1@1	DFT_QAM16	24.19	25.39	33	PASS
n77(3700-3980)	15	50	663666	1@268	DFT_QAM16	24.75	25.95	33	PASS
n77(3700-3980)	15	50	663666	135@67	DFT_QAM64	23.22	24.42	33	PASS
n77(3700-3980)	15	50	663666	1@1	DFT_QAM64	22.66	23.86	33	PASS
n77(3700-3980)	15	50	663666	1@268	DFT_QAM64	23.05	24.25	33	PASS
n77(3700-3980)	15	50	663666	135@67	DFT_QAM256	21.35	22.55	33	PASS
n77(3700-3980)	15	50	663666	1@1	DFT_QAM256	21.20	22.4	33	PASS
n77(3700-3980)	15	50	663666	1@268	DFT_QAM256	21.53	22.73	33	PASS
n77(3700-3980)	15	50	663666	135@67	CP_QPSK	24.09	25.29	33	PASS
n77(3700-3980)	15	50	663666	1@1	CP_QPSK	23.79	24.99	33	PASS
n77(3700-3980)	15	50	663666	1@268	CP_QPSK	24.14	25.34	33	PASS
n77(3700-3980)	15	50	663666	135@67	CP_QAM16	23.65	24.85	33	PASS
n77(3700-3980)	15	50	663666	1@1	CP_QAM16	23.10	24.3	33	PASS
n77(3700-3980)	15	50	663666	1@268	CP_QAM16	23.60	24.8	33	PASS
n77(3700-3980)	15	50	663666	135@67	CP_QAM64	22.23	23.43	33	PASS
n77(3700-3980)	15	50	663666	1@1	CP_QAM64	21.88	23.08	33	PASS
n77(3700-3980)	15	50	663666	1@268	CP_QAM64	22.30	23.5	33	PASS
n77(3700-3980)	15	50	663666	135@67	CP_QAM256	19.30	20.5	33	PASS
n77(3700-3980)	15	50	663666	1@1	CP_QAM256	18.90	20.1	33	PASS
n77(3700-3980)	15	50	663666	1@268	CP_QAM256	19.36	20.56	33	PASS

2 Frequency stability for NR FR1

NT:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	3.87	-24.08	-0.01	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	3.50	-25.26	-0.01		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	4.45	-24.66	-0.01		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	3.87	-20.97	-0.01		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	3.50	-18.74	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	4.45	-20.73	-0.01		PASS

Note: Only the worst case shown in the report.

NV:

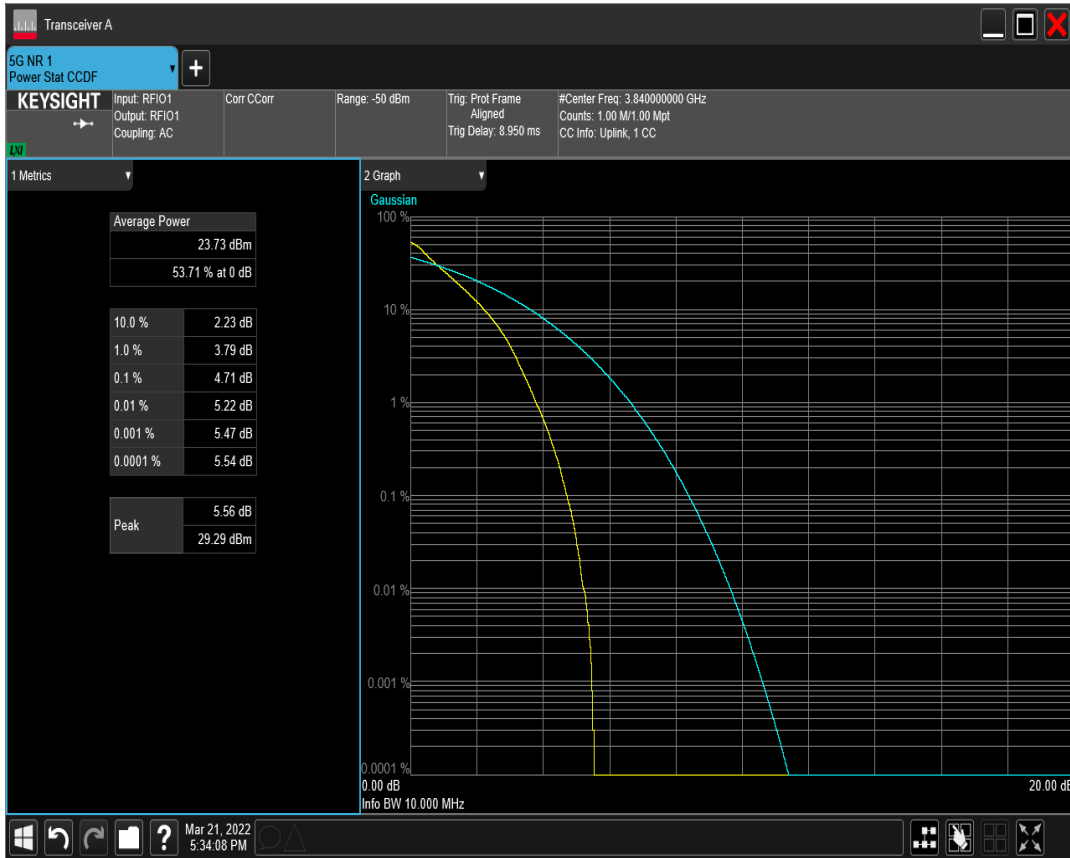
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	-30	-14.12	0.00	Within authorized band for 5G NR n77	PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	-20	-12.08	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	-10	-15.54	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	0	-12.6	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	10	-10.93	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	20	-13.65	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	30	-16.12	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	40	-10.88	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_BPSK	50	-16.81	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	-30	-15.2	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	-20	-13.18	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	-10	-12.34	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	0	-11.85	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	10	-13.84	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	20	-14.57	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	30	-11.54	0.00		PASS
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	40	-12.76	0.00	PASS	
n77(3700-3980)	15	50	656000	135@67	DFT_QPSK	50	-13.5	0.00	PASS	

Note: Only the worst case shown in the report.

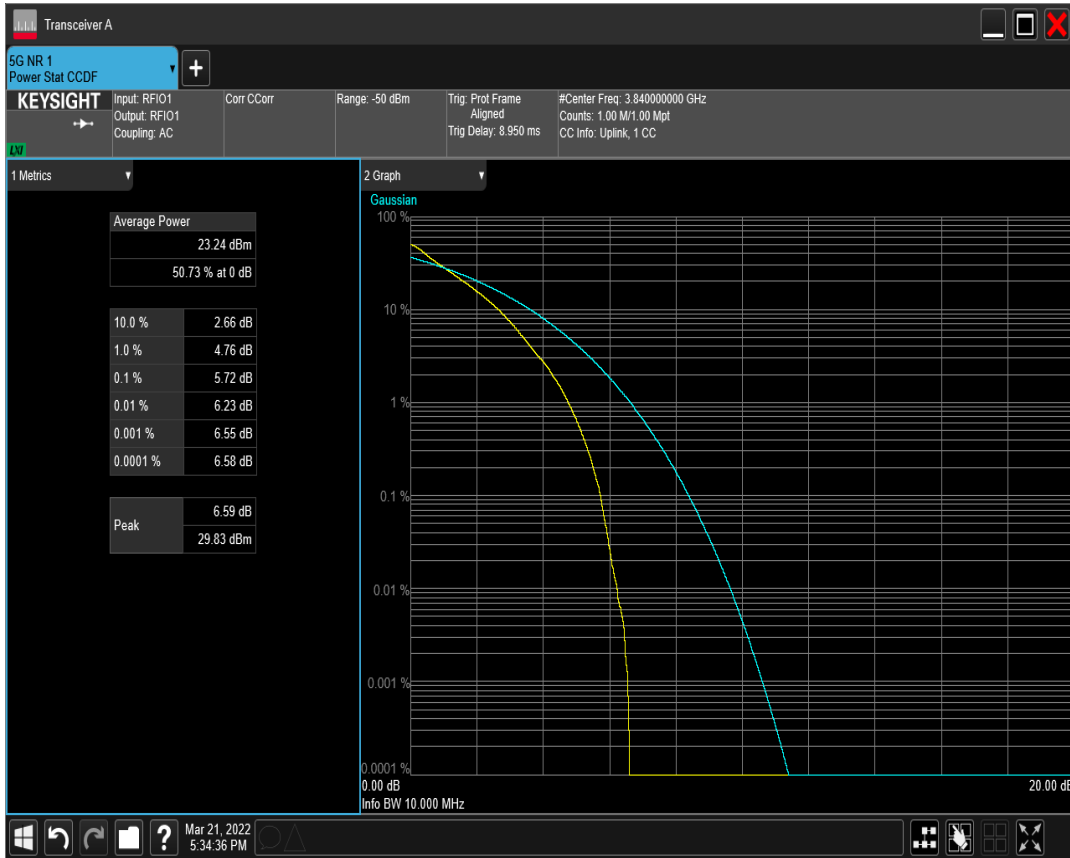
3 Peak-to-Average Ratio for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77(3700-3980)	15	10	656000	50@0	DFT_BPSK	4.71	13	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QPSK	5.72	13	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QAM16	6.47	13	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QAM64	6.75	13	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QAM256	6.89	13	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_BPSK	4.67	13	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_QPSK	5.90	13	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_QAM16	6.55	13	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_QAM64	6.90	13	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_QAM256	6.89	13	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_BPSK	4.66	13	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_QPSK	5.73	13	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_QAM16	6.57	13	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_QAM64	6.77	13	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_QAM256	7.01	13	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_BPSK	4.66	13	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_QPSK	5.73	13	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_QAM16	6.43	13	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_QAM64	6.76	13	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_QAM256	7.12	13	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_BPSK	5.12	13	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_QPSK	5.68	13	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_QAM16	6.54	13	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_QAM64	6.77	13	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_QAM256	7.02	13	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_BPSK	5.22	13	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QPSK	5.81	13	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QAM16	6.51	13	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QAM64	6.75	13	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QAM256	6.95	13	PASS

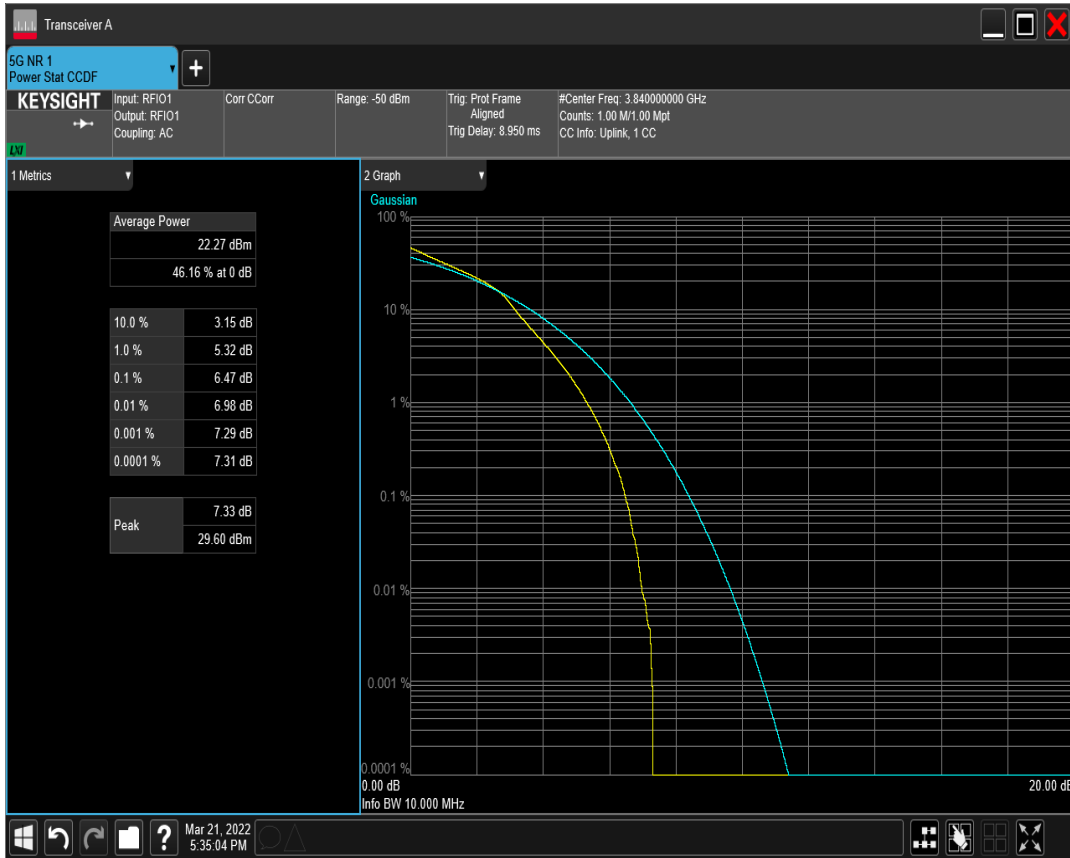
n77(3700-3980) SCS=15kHz DFT_BPSK BW=10MHz Channel=656000 RB=50@0



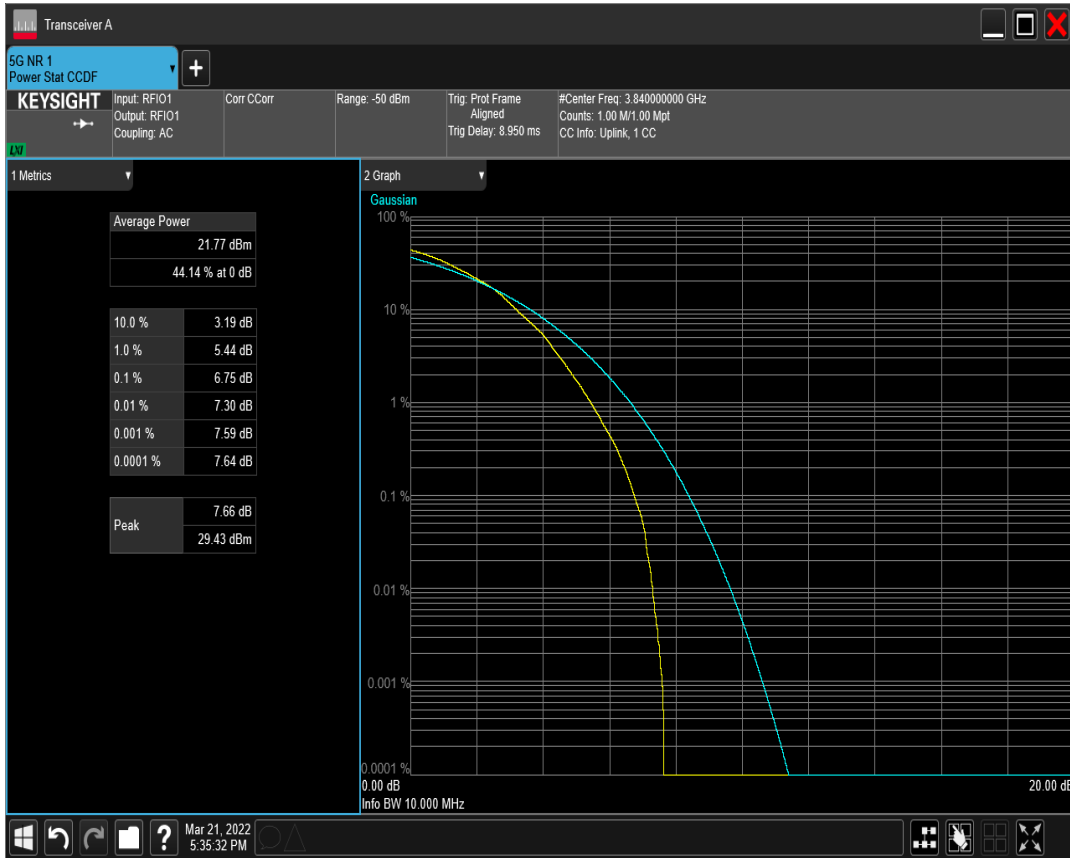
n77(3700-3980) SCS=15kHz DFT_QPSK BW=10MHz Channel=656000 RB=50@0



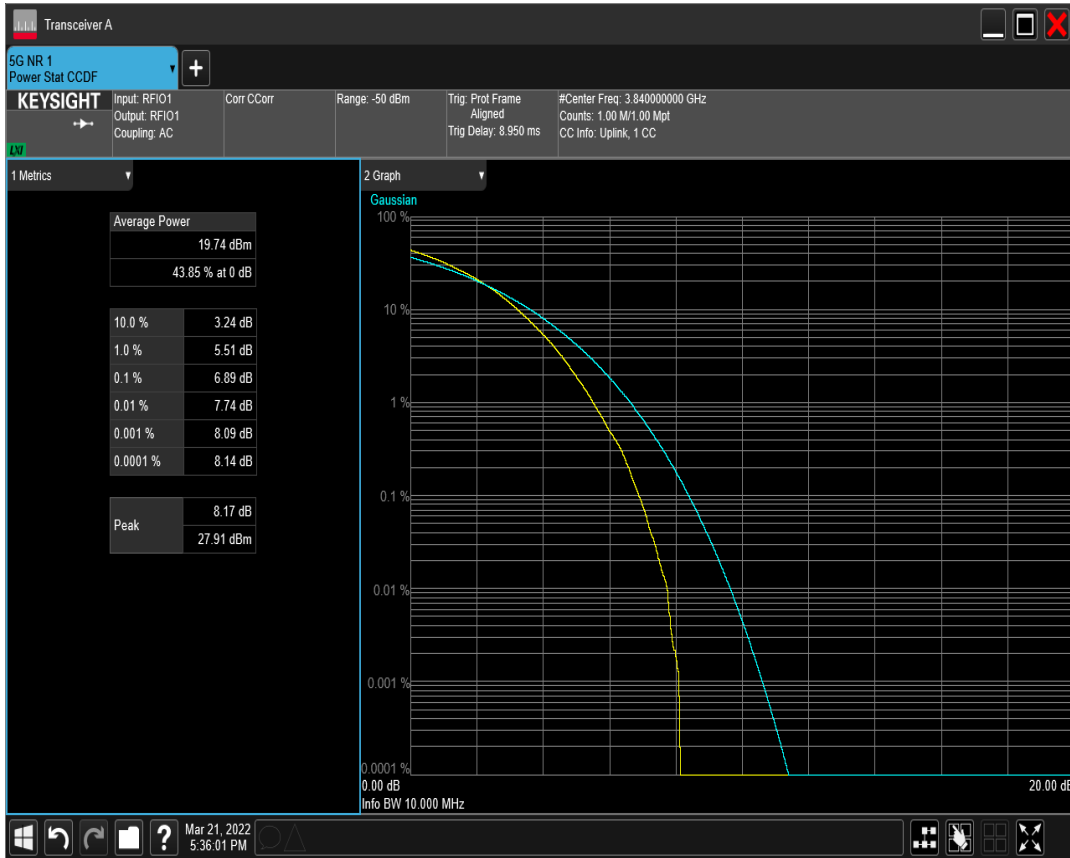
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=10MHz Channel=656000 RB=50@0



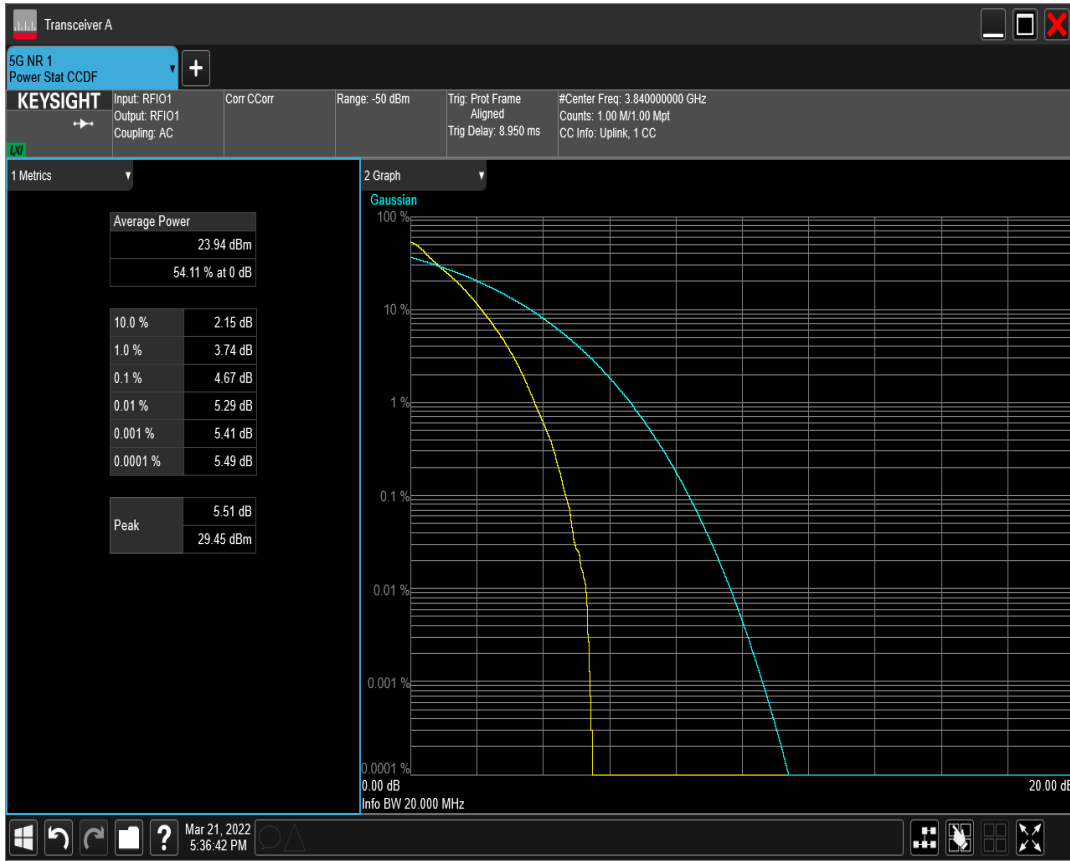
n77(3700-3980) SCS=15kHz DFT_QAM64 BW=10MHz Channel=656000 RB=50@0



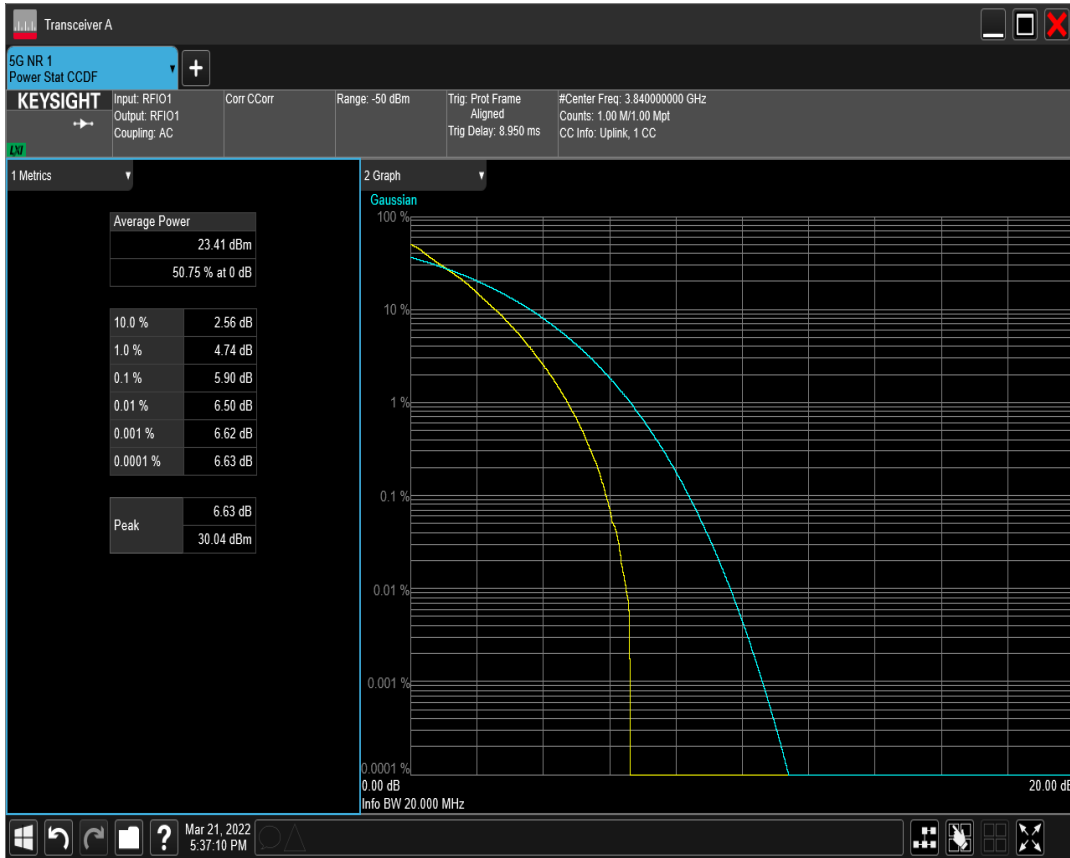
n77(3700-3980) SCS=15kHz DFT_QAM256 BW=10MHz Channel=656000 RB=50@0



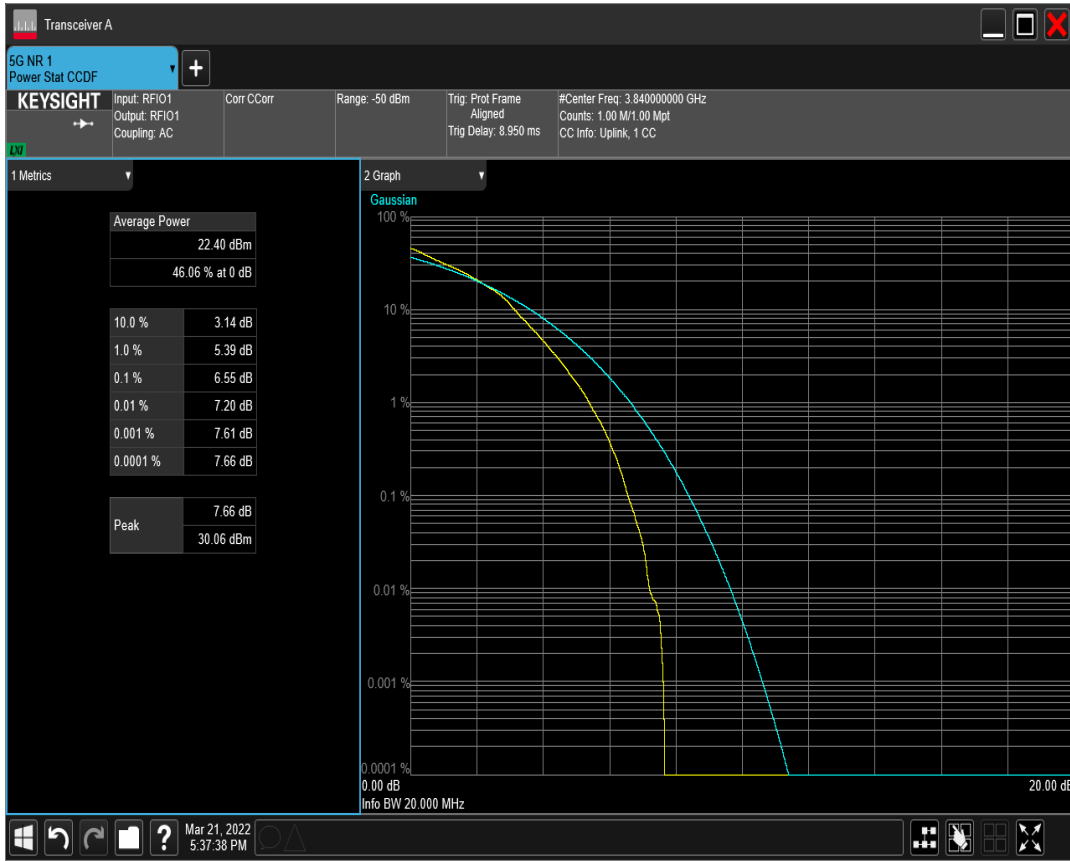
n77(3700-3980) SCS=15kHz DFT_BPSK BW=15MHz Channel=656000 RB=75@0



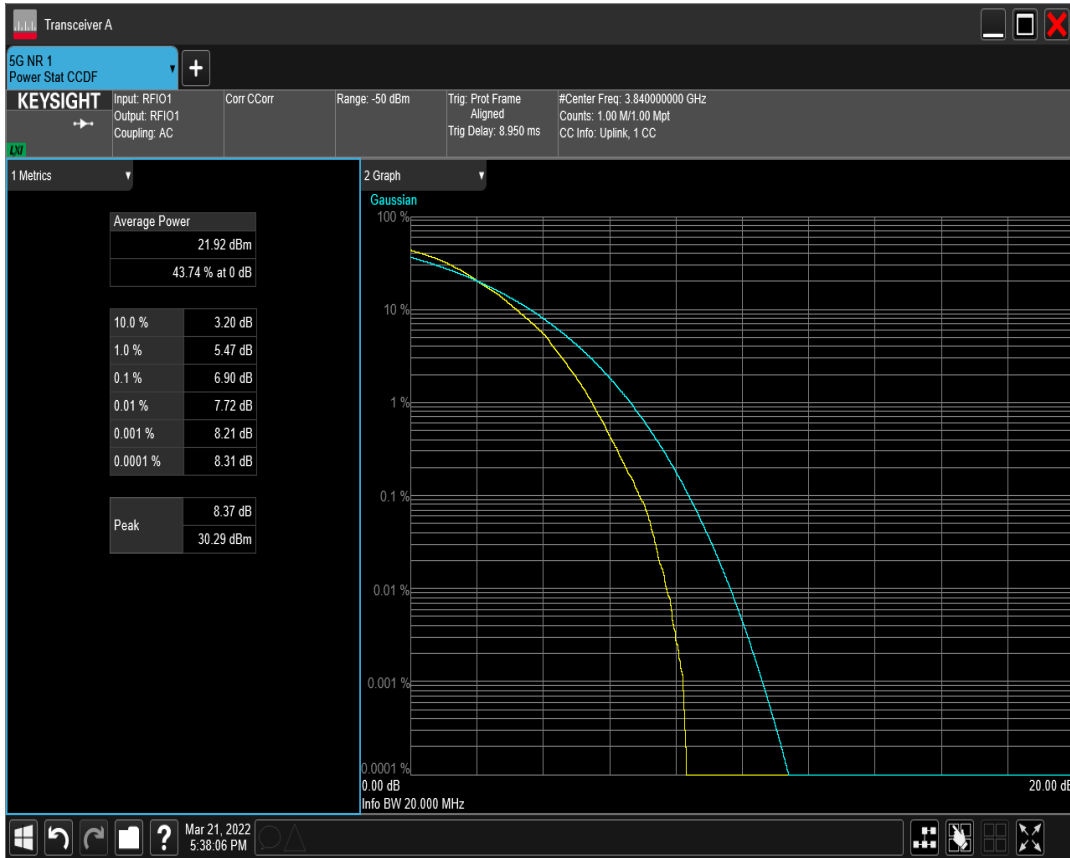
n77(3700-3980) SCS=15kHz DFT_QPSK BW=15MHz Channel=656000 RB=75@0



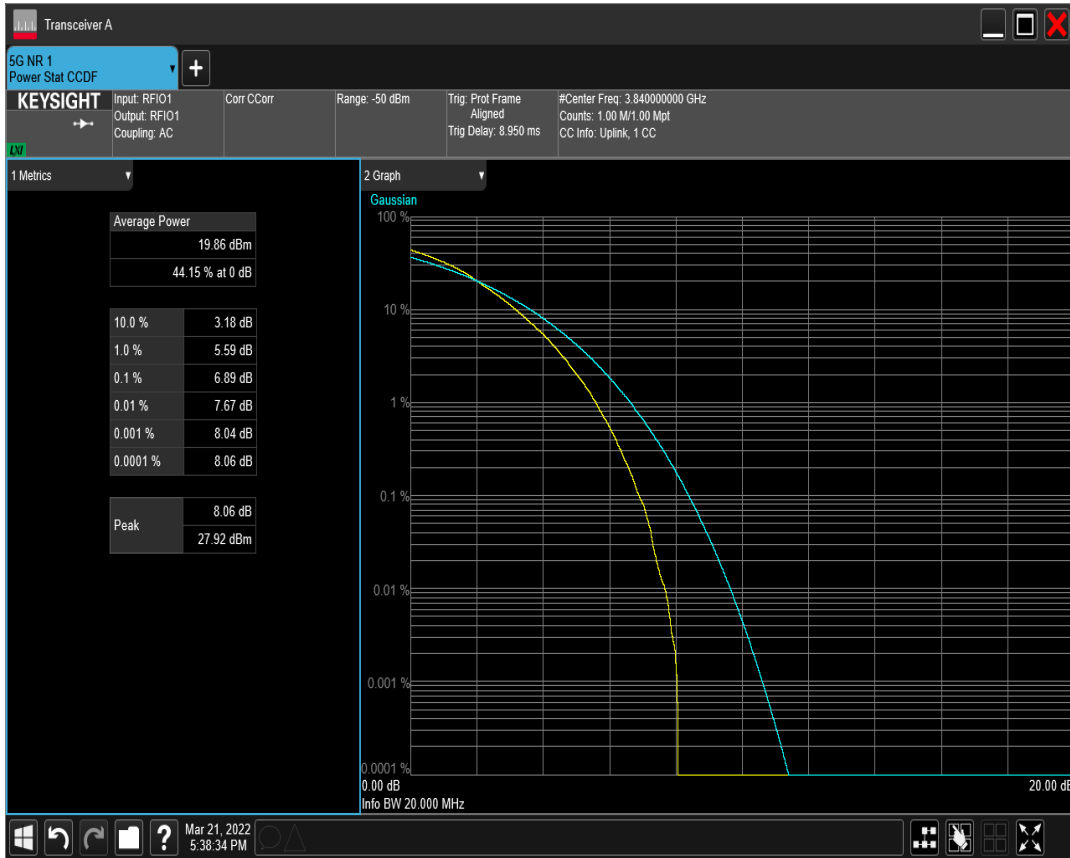
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=15MHz Channel=656000 RB=75@0



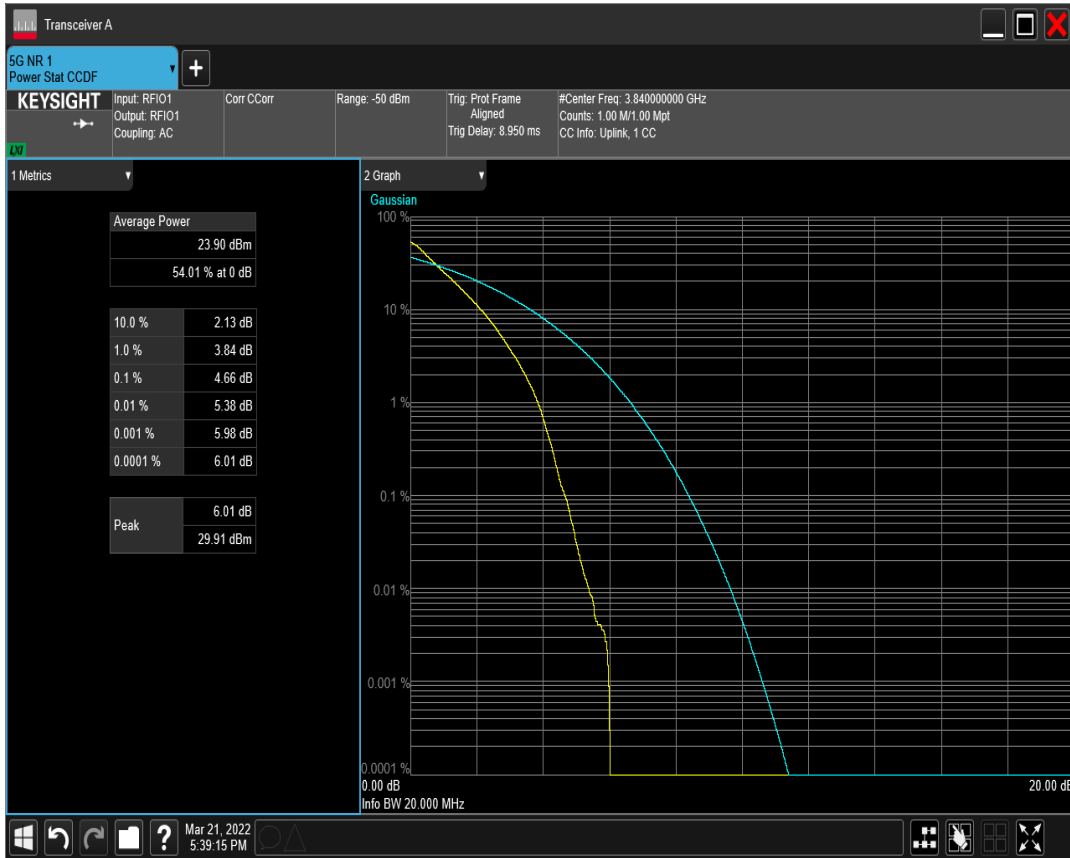
n77(3700-3980) SCS=15kHz DFT_QAM64 BW=15MHz Channel=656000 RB=75@0



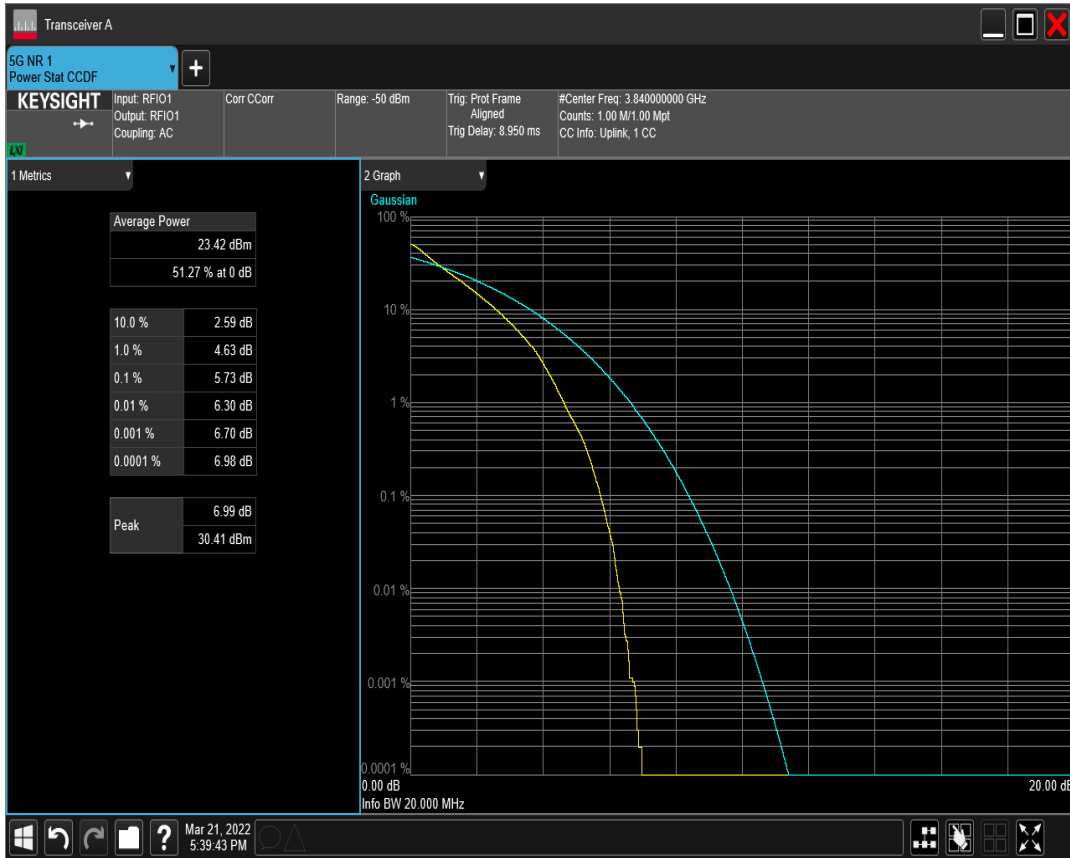
n77(3700-3980) SCS=15kHz DFT_QAM256 BW=15MHz Channel=656000 RB=75@0



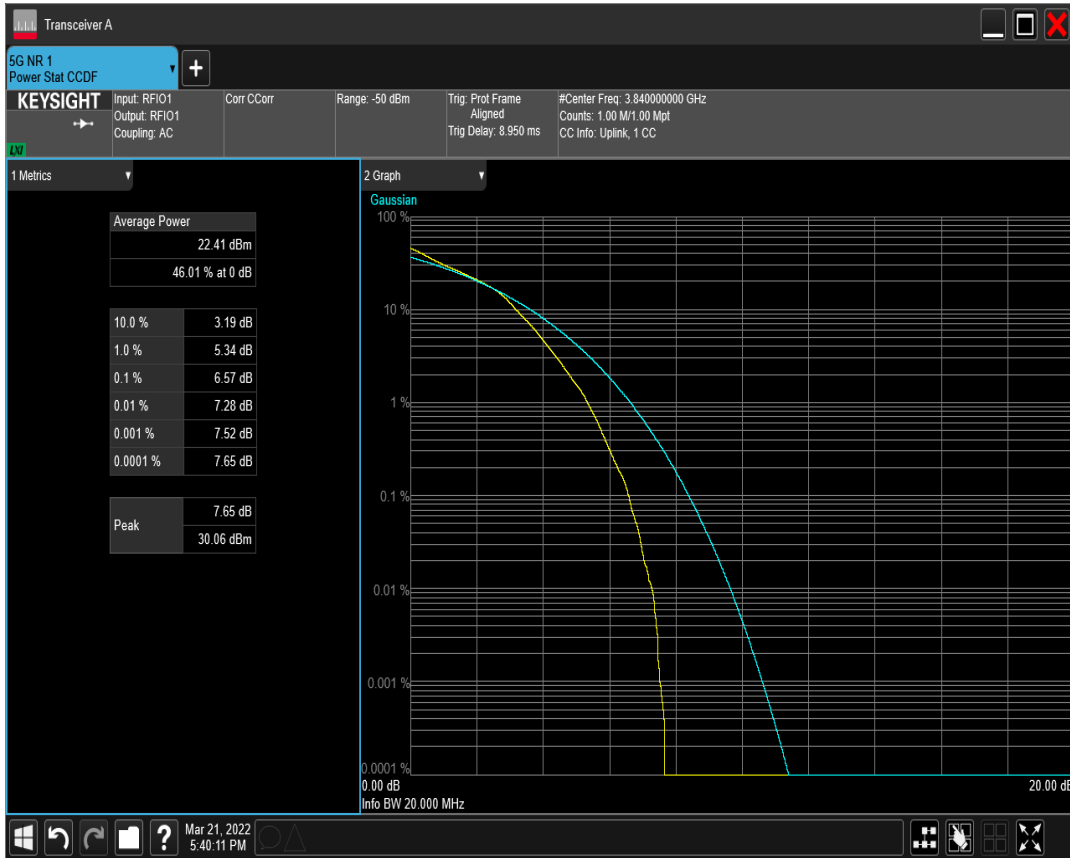
n77(3700-3980) SCS=15kHz DFT_BPSK BW=20MHz Channel=656000 RB=100@0



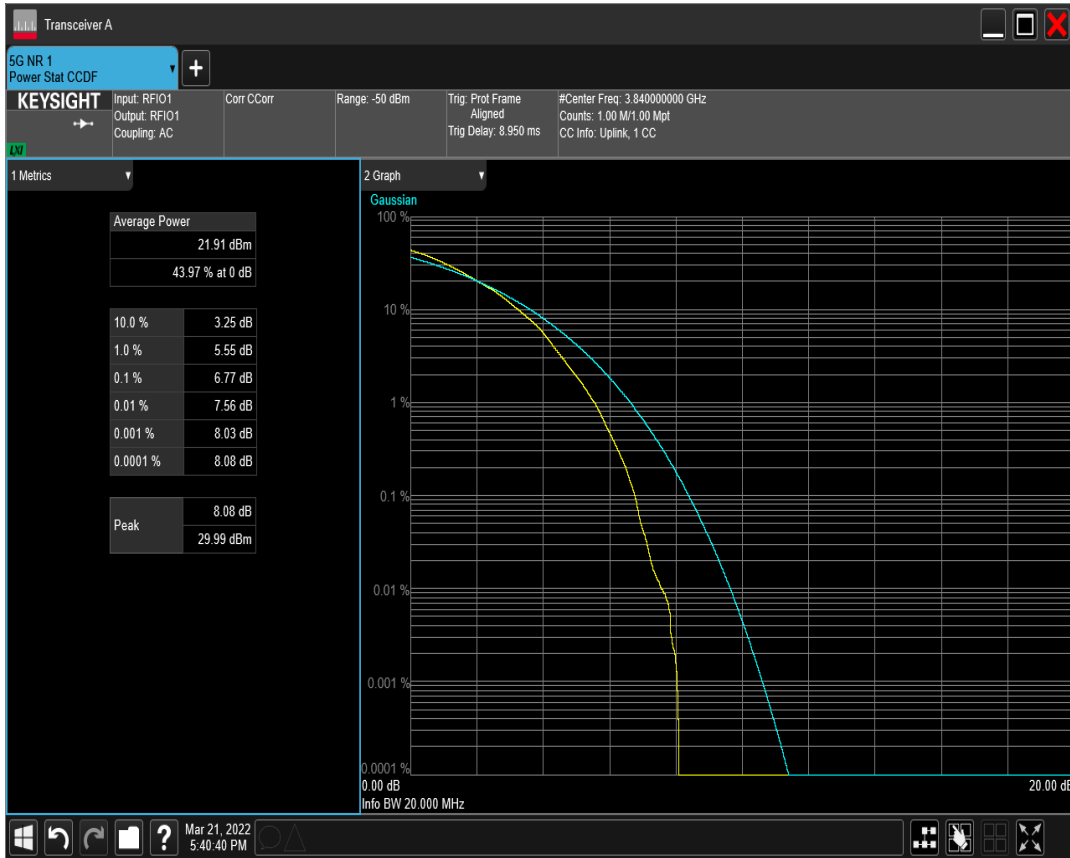
n77(3700-3980) SCS=15kHz DFT_QPSK BW=20MHz Channel=656000 RB=100@0



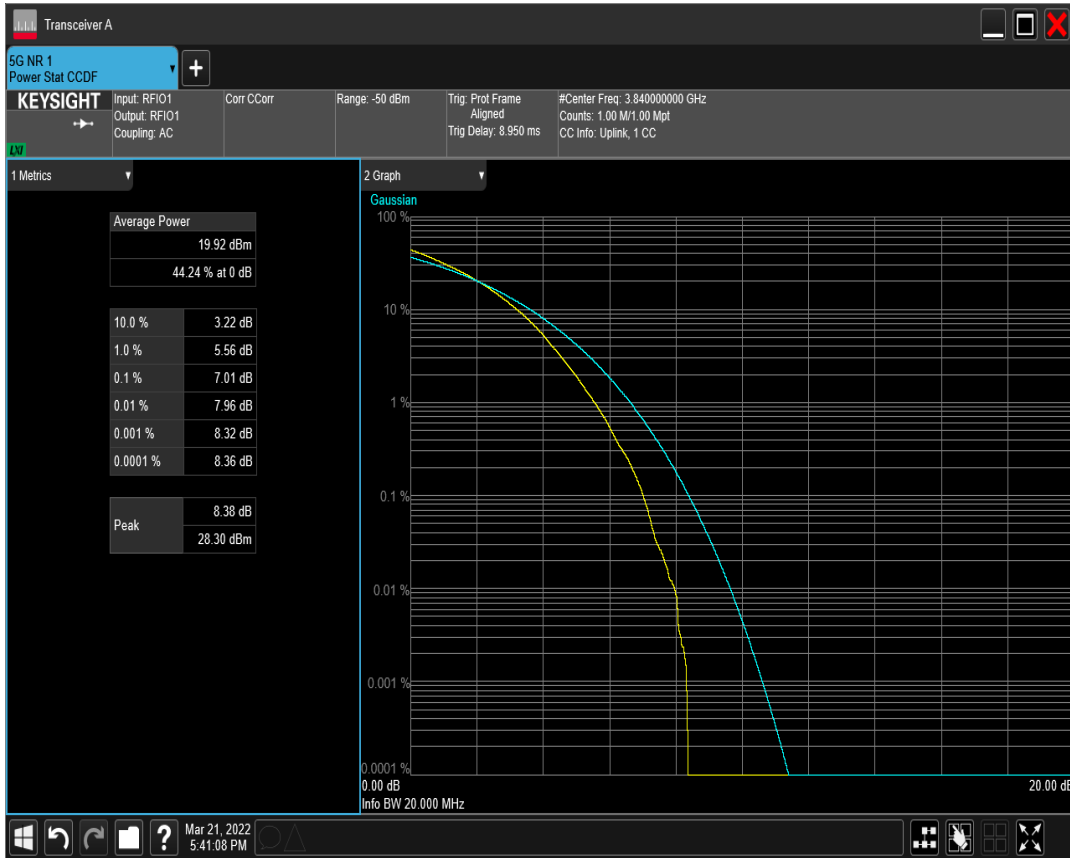
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=20MHz Channel=656000 RB=100@0



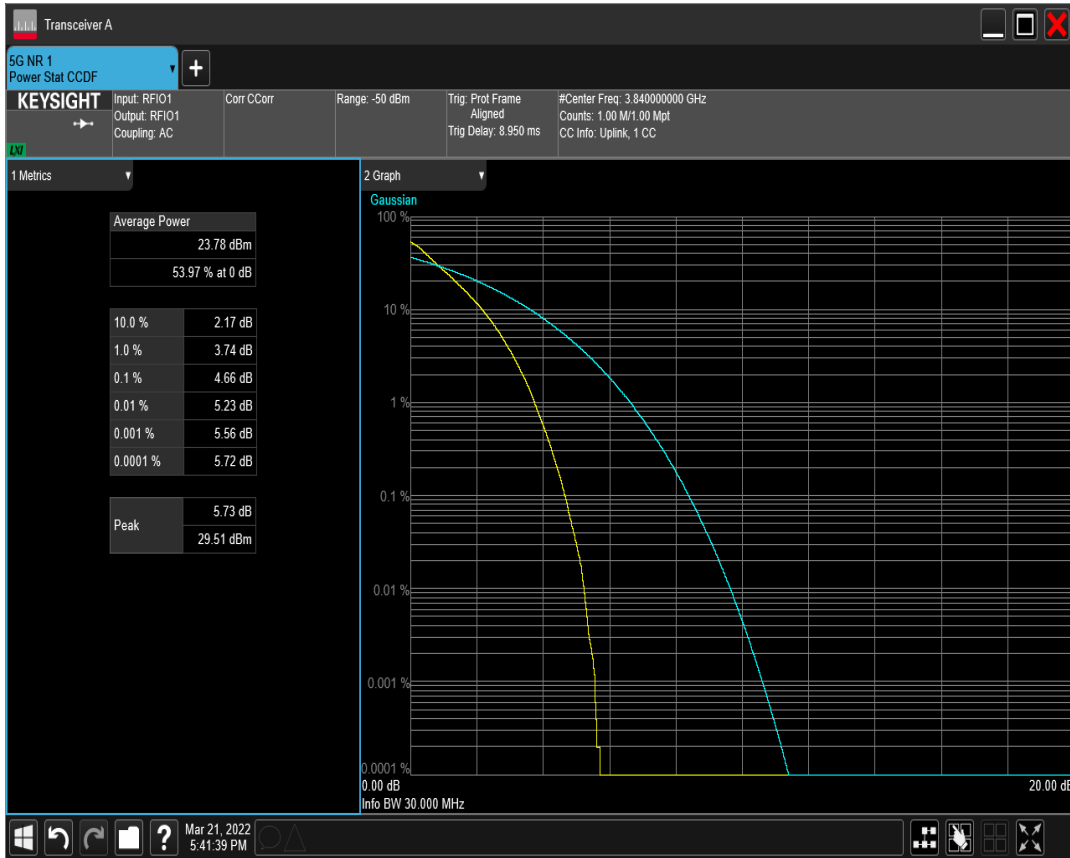
n77(3700-3980) SCS=15kHz DFT_QAM64 BW=20MHz Channel=656000 RB=100@0



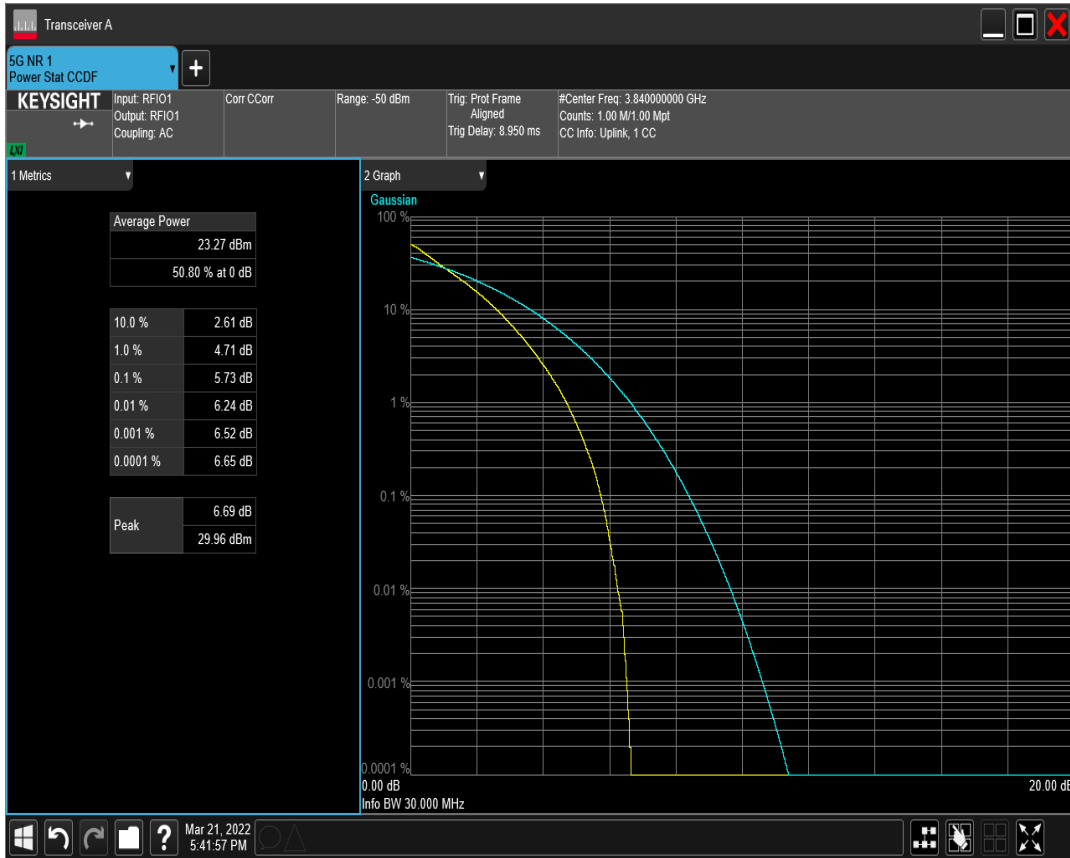
n77(3700-3980) SCS=15kHz DFT_QAM256 BW=20MHz Channel=656000 RB=100@0



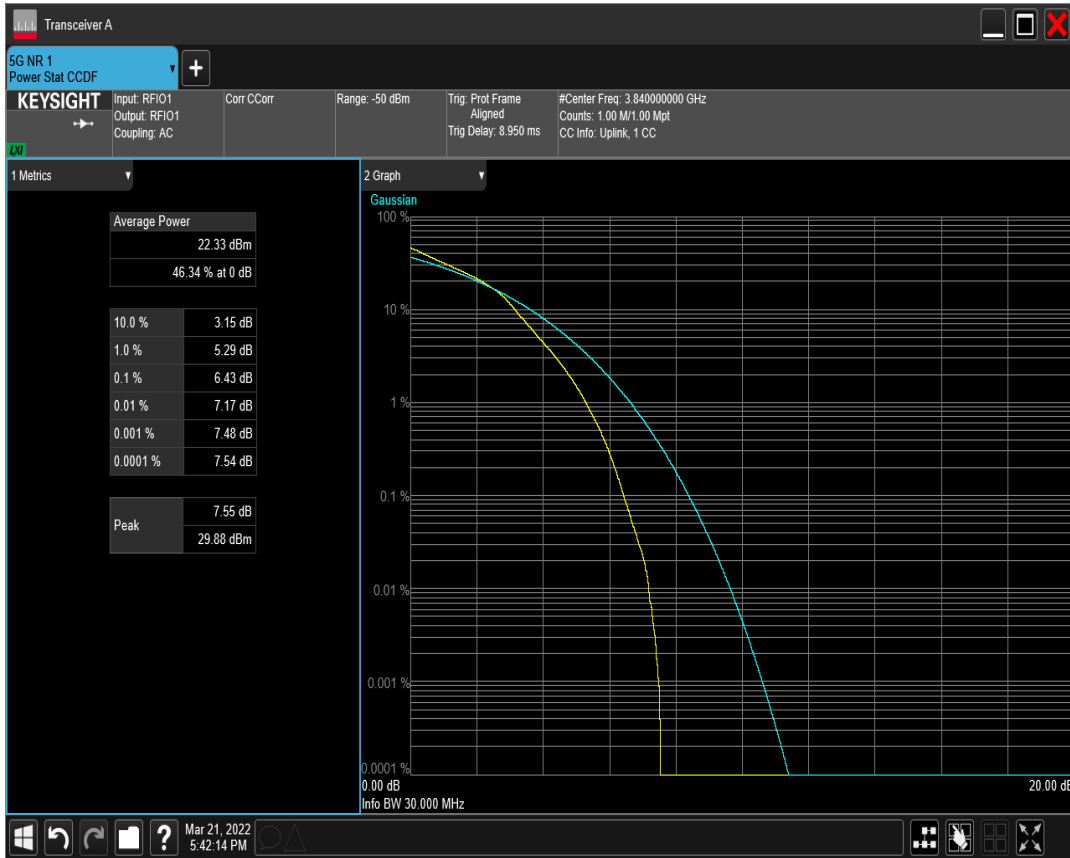
n77(3700-3980) SCS=15kHz DFT_BPSK BW=30MHz Channel=656000 RB=160@0



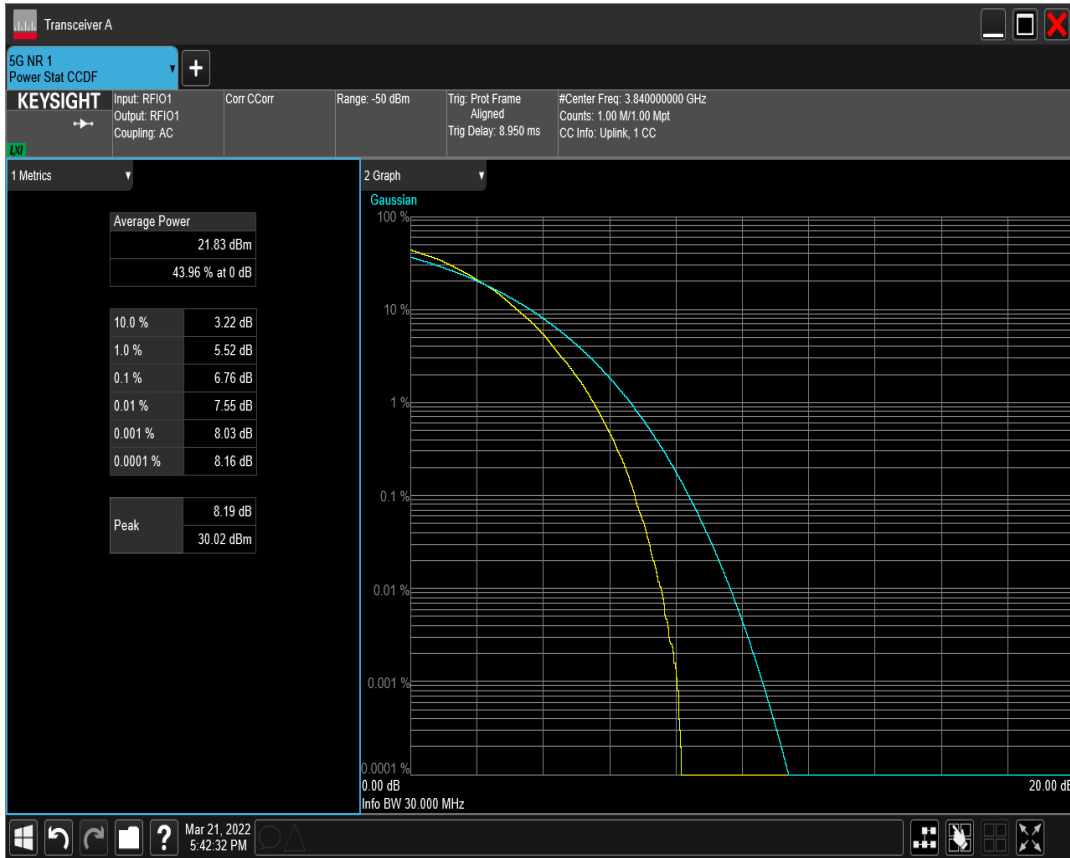
n77(3700-3980) SCS=15kHz DFT_QPSK BW=30MHz Channel=656000 RB=160@0



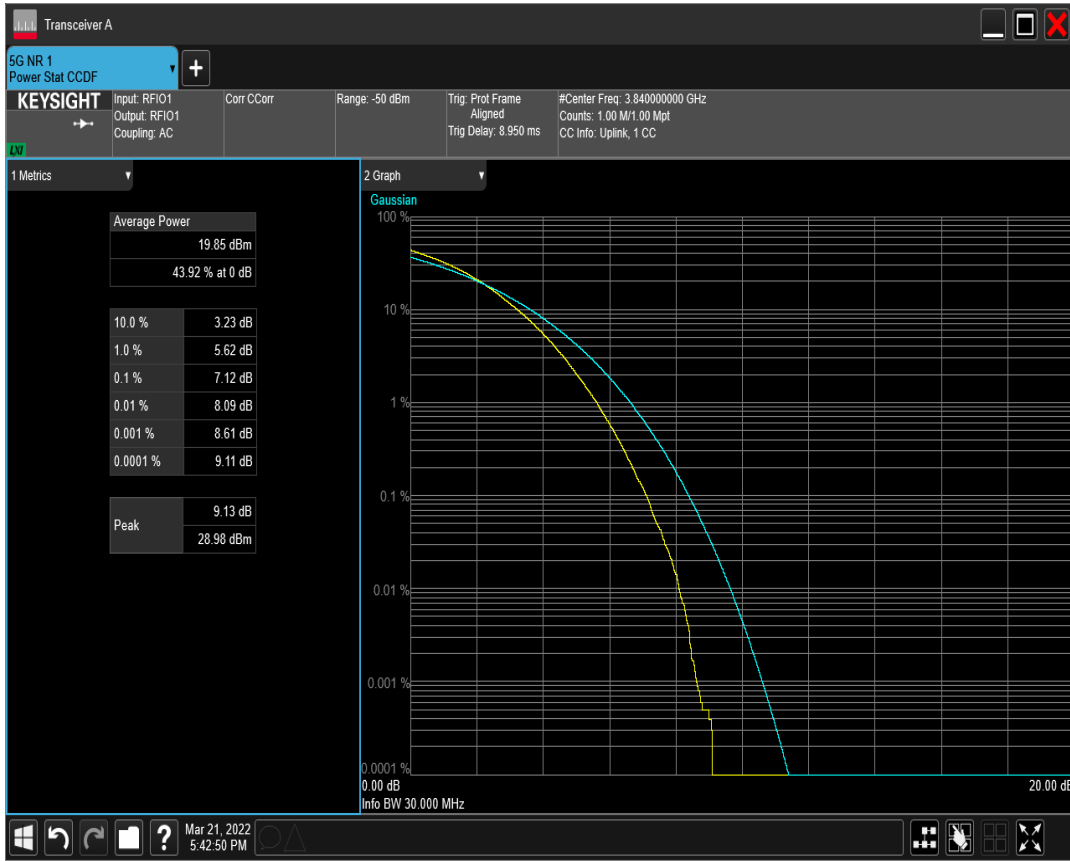
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=30MHz Channel=656000 RB=160@0



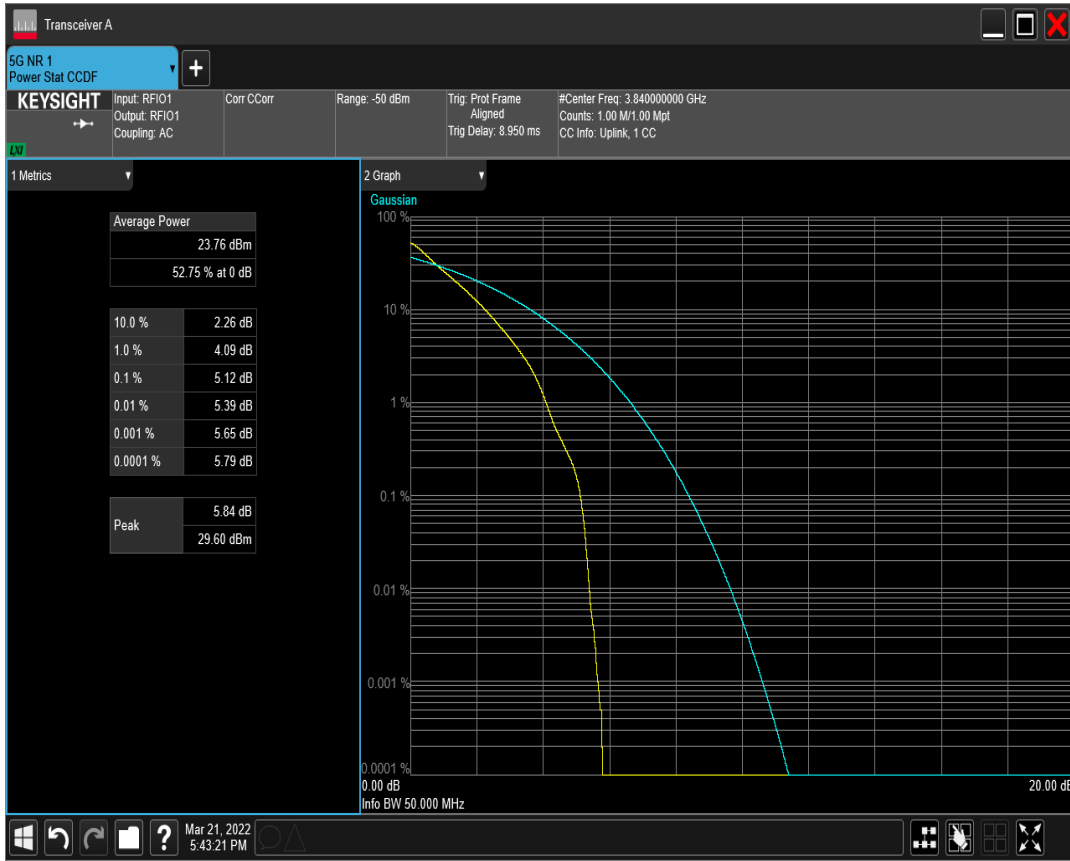
n77(3700-3980) SCS=15kHz DFT_QAM64 BW=30MHz Channel=656000 RB=160@0



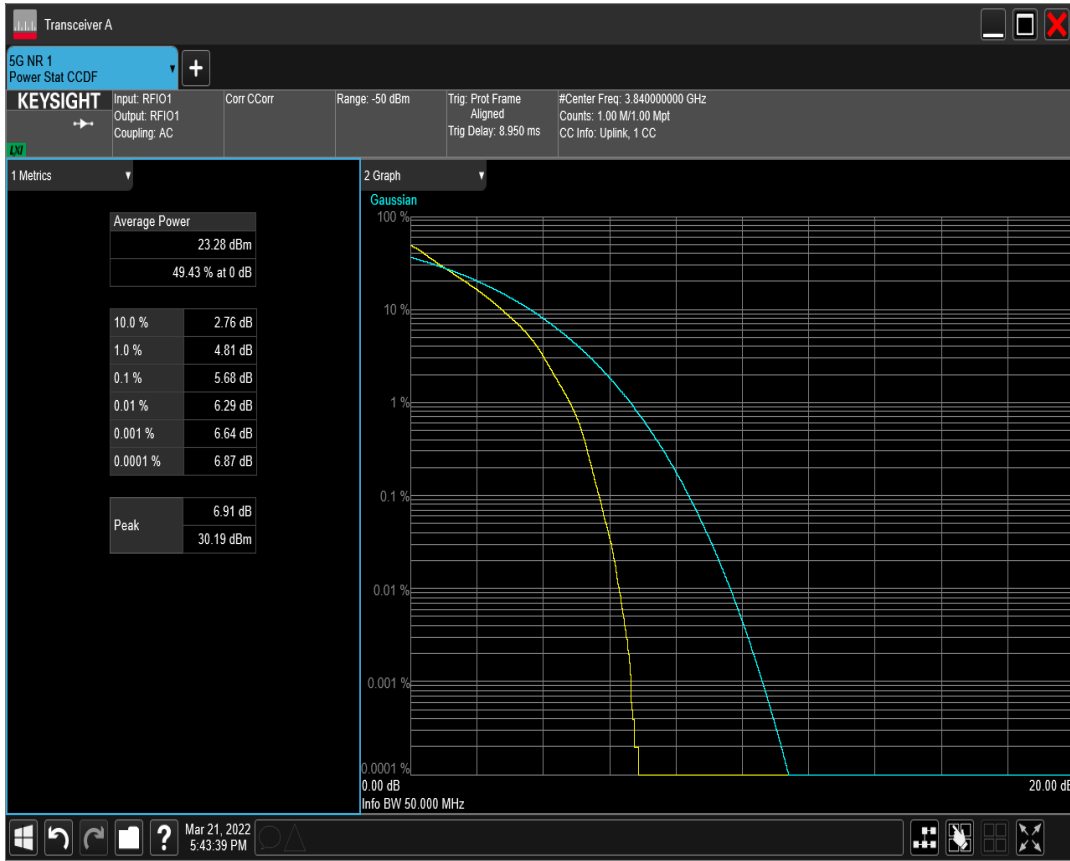
n77(3700-3980) SCS=15kHz DFT_QAM256 BW=30MHz Channel=656000 RB=160@0



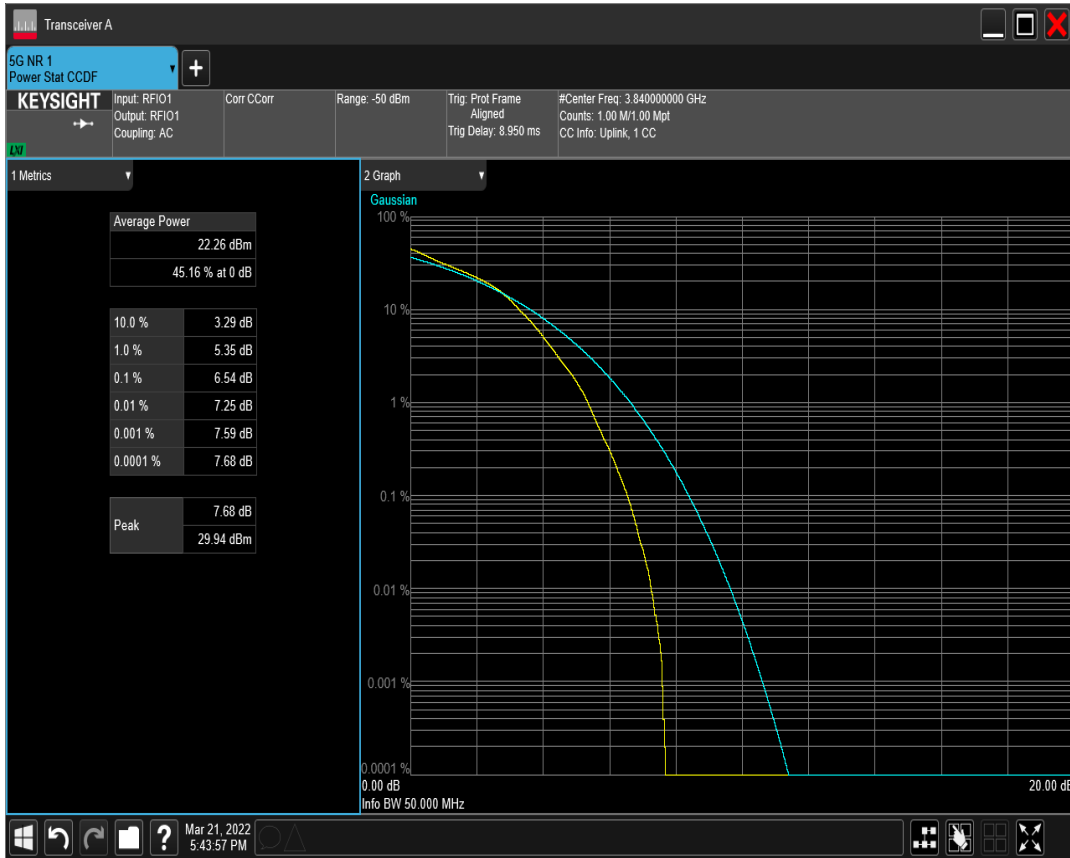
n77(3700-3980) SCS=15kHz DFT_BPSK BW=40MHz Channel=656000 RB=216@0



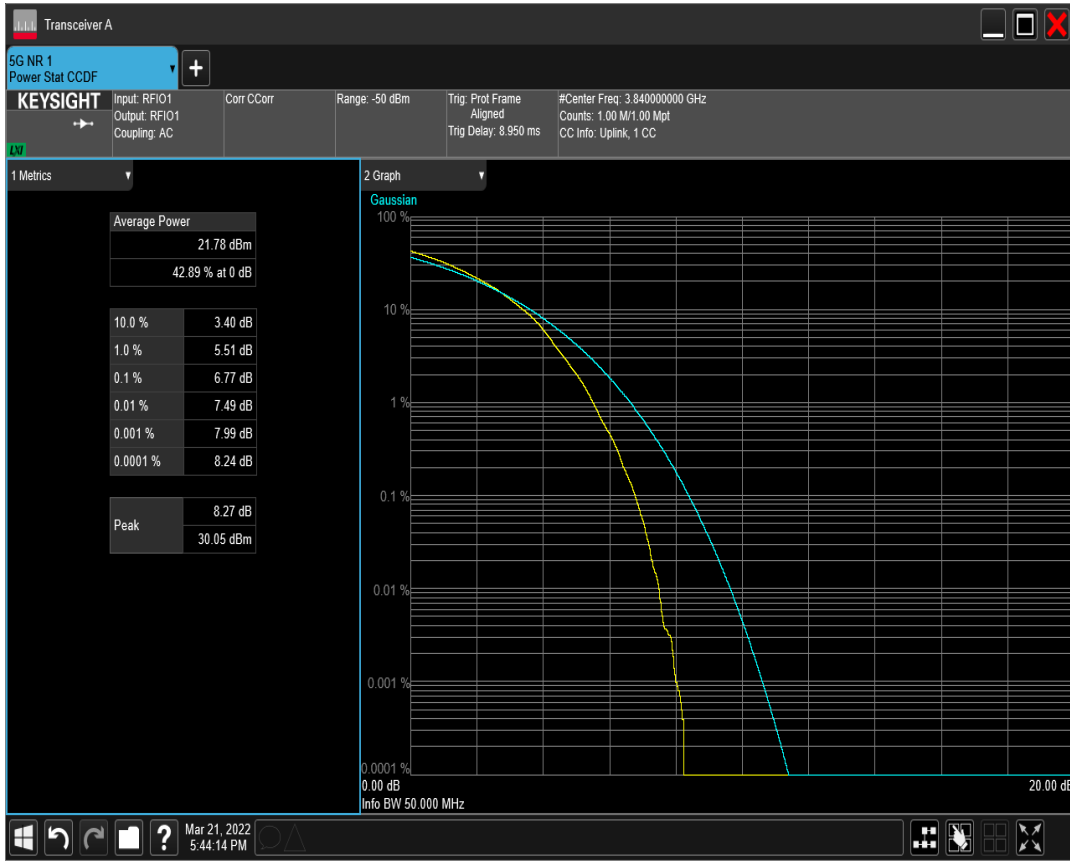
n77(3700-3980) SCS=15kHz DFT_QPSK BW=40MHz Channel=656000 RB=216@0



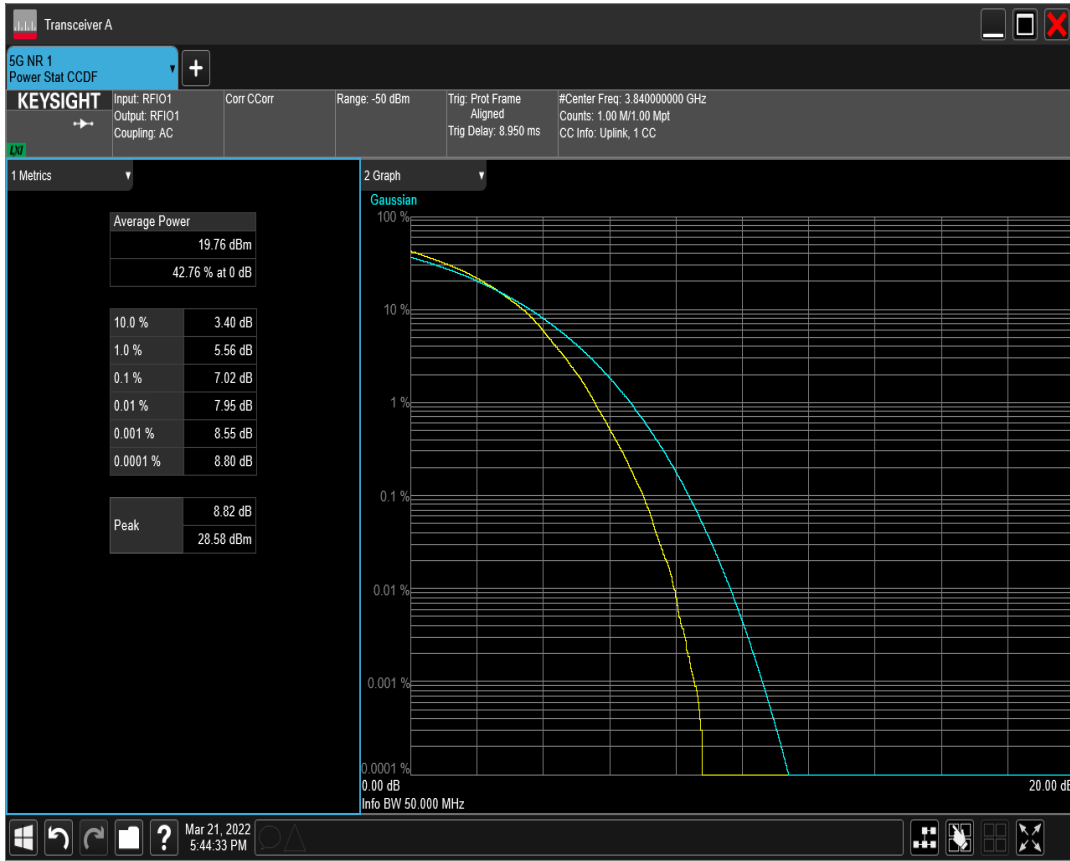
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=40MHz Channel=656000 RB=216@0



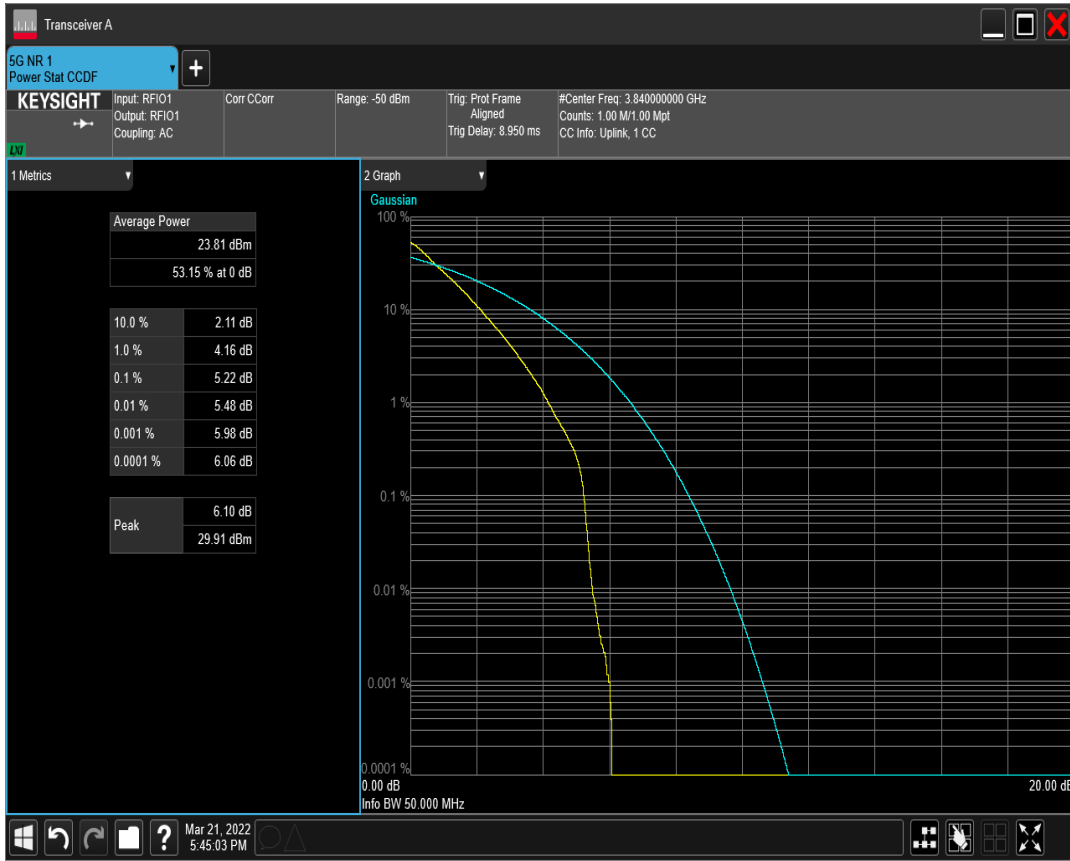
n77(3700-3980) SCS=15kHz DFT_QAM64 BW=40MHz Channel=656000 RB=216@0



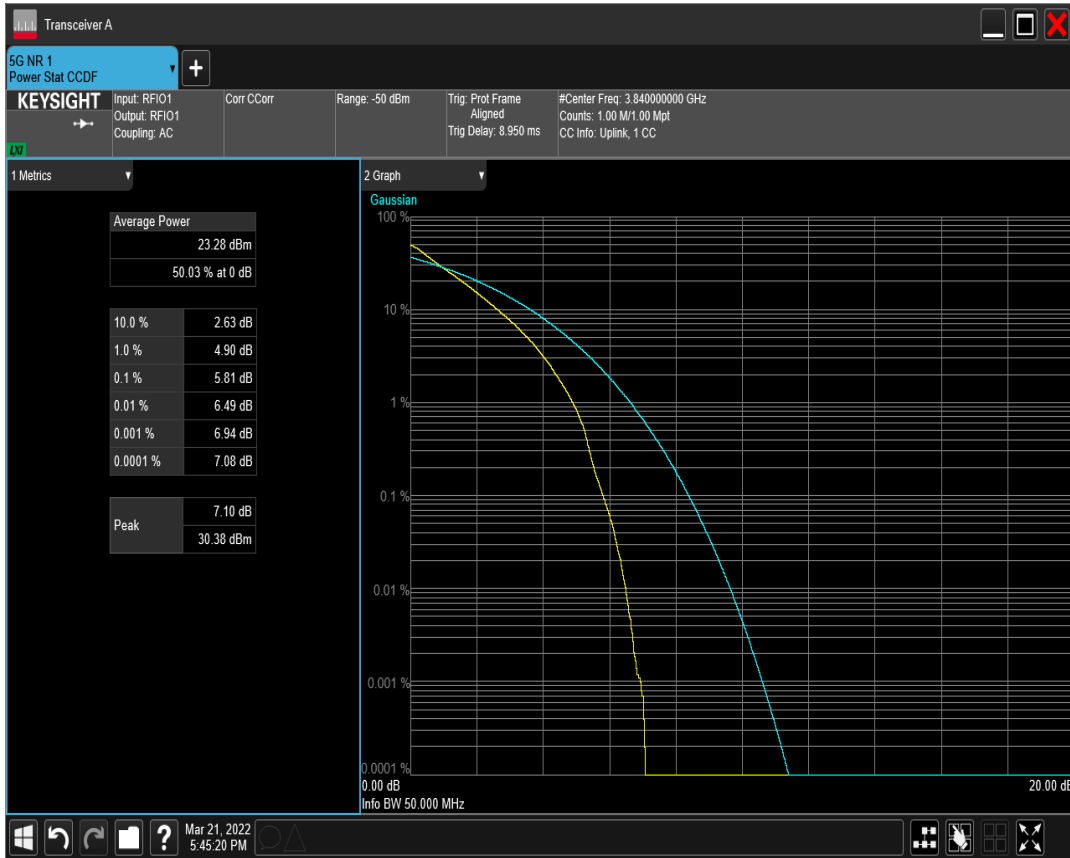
n77(3700-3980) SCS=15kHz DFT_QAM256 BW=40MHz Channel=656000 RB=216@0



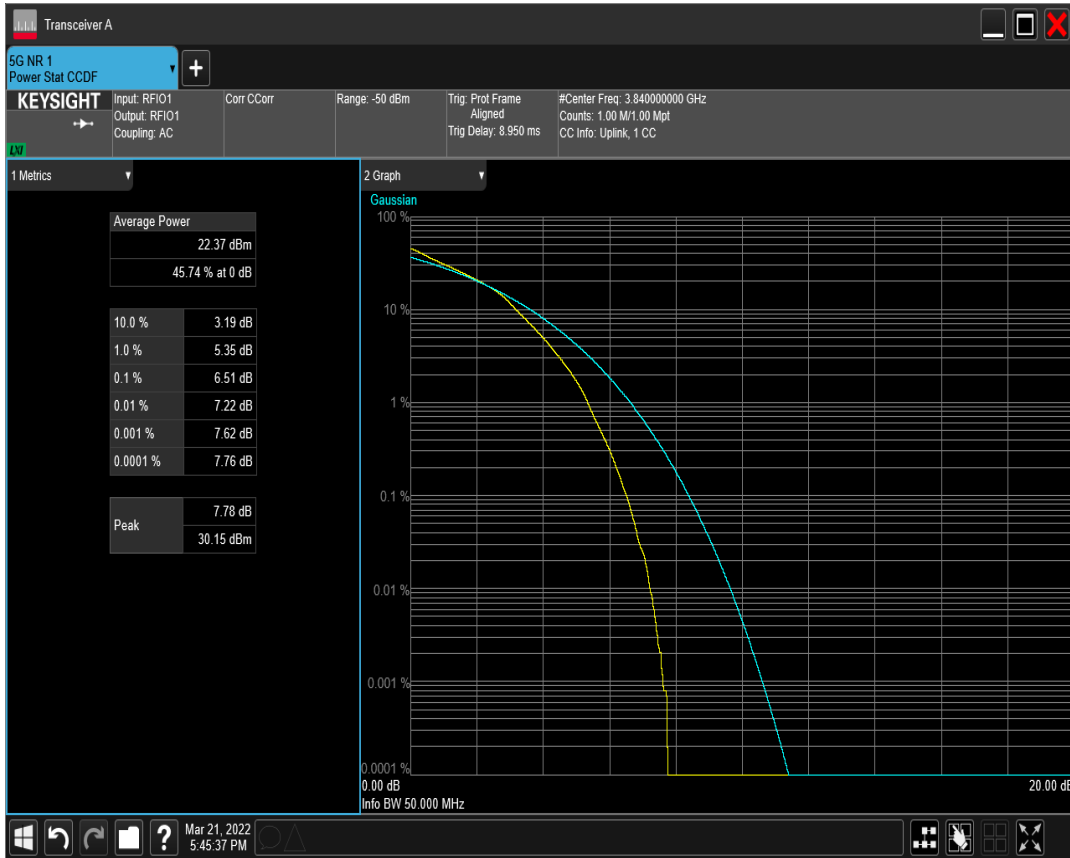
n77(3700-3980) SCS=15kHz DFT_BPSK BW=50MHz Channel=656000 RB=270@0



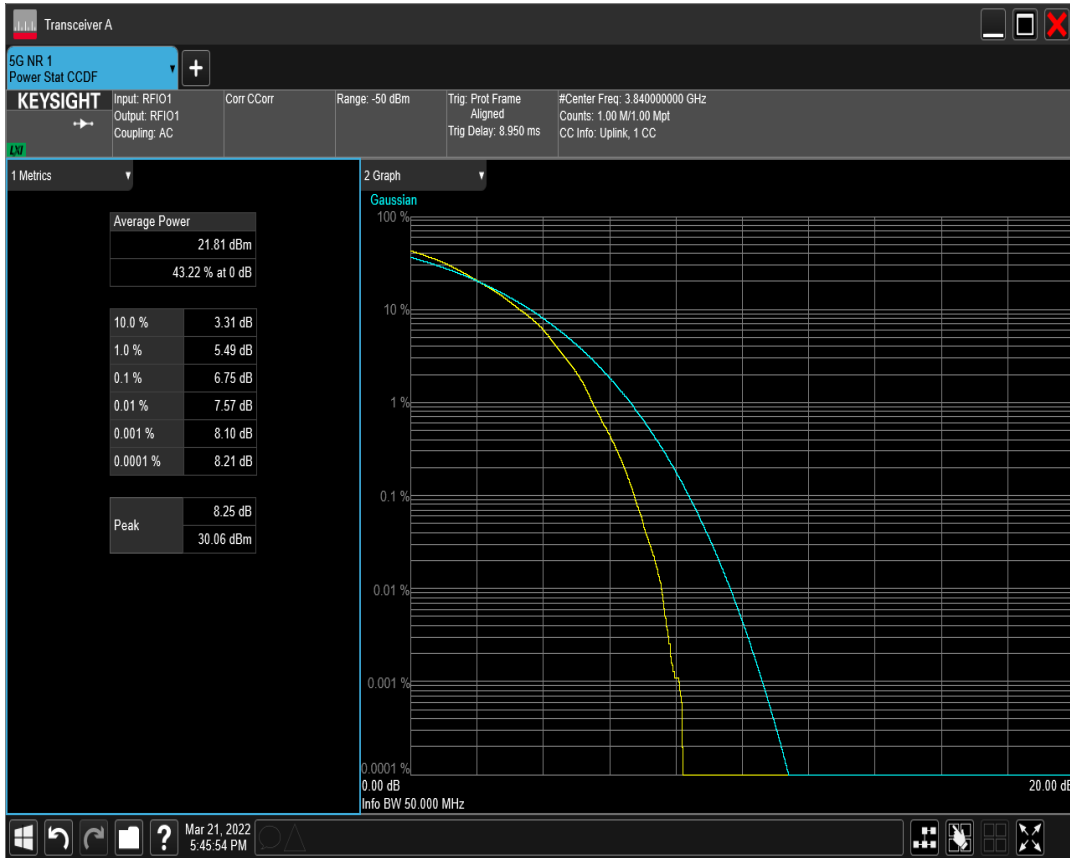
n77(3700-3980) SCS=15kHz DFT_QPSK BW=50MHz Channel=656000 RB=270@0



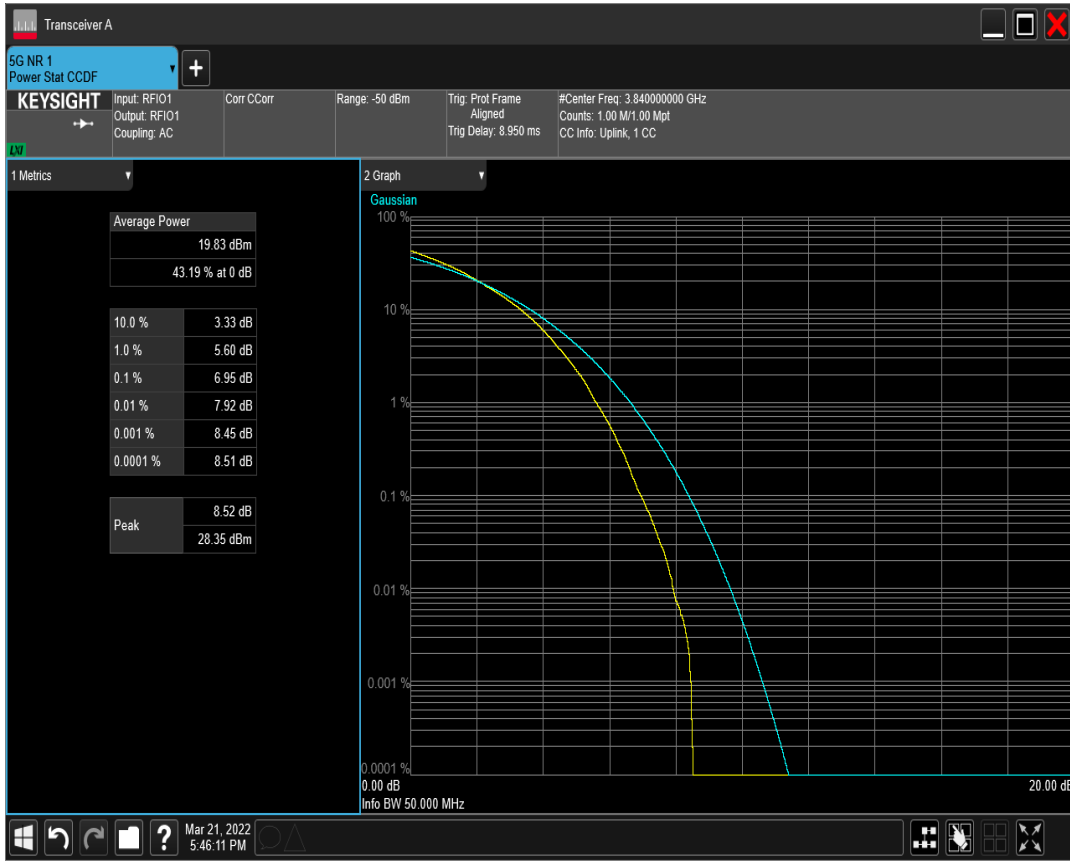
n77(3700-3980) SCS=15kHz DFT_QAM16 BW=50MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=15kHz DFT_QAM64 BW=50MHz Channel=656000 RB=270@0



n77(3700-3980) SCS=15kHz DFT_QAM256 BW=50MHz 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)	15	10	647000	50@0	DFT_BPSK	9.210	9.480	PASS
n77(3700-3980)	15	10	647000	50@0	DFT_QPSK	9.240	9.480	PASS
n77(3700-3980)	15	10	647000	50@0	DFT_QAM16	9.260	9.500	PASS
n77(3700-3980)	15	10	647000	50@0	DFT_QAM64	9.240	9.480	PASS
n77(3700-3980)	15	10	647000	50@0	DFT_QAM256	9.240	9.500	PASS
n77(3700-3980)	15	10	647000	52@0	CP_QPSK	9.330	9.840	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_BPSK	9.220	9.490	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QPSK	9.240	9.480	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QAM16	9.250	9.490	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QAM64	9.220	9.490	PASS
n77(3700-3980)	15	10	656000	50@0	DFT_QAM256	9.240	9.490	PASS
n77(3700-3980)	15	10	656000	52@0	CP_QPSK	9.330	9.850	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_BPSK	9.210	9.480	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_QPSK	9.250	9.480	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_QAM16	9.250	9.510	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_QAM64	9.240	9.470	PASS
n77(3700-3980)	15	10	665000	50@0	DFT_QAM256	9.250	9.490	PASS
n77(3700-3980)	15	10	665000	52@0	CP_QPSK	9.330	9.850	PASS
n77(3700-3980)	15	15	647168	75@0	DFT_BPSK	13.980	14.190	PASS
n77(3700-3980)	15	15	647168	75@0	DFT_QPSK	14.010	14.200	PASS
n77(3700-3980)	15	15	647168	75@0	DFT_QAM16	13.990	14.190	PASS
n77(3700-3980)	15	15	647168	75@0	DFT_QAM64	13.990	14.200	PASS
n77(3700-3980)	15	15	647168	75@0	DFT_QAM256	13.990	14.190	PASS
n77(3700-3980)	15	15	647168	79@0	CP_QPSK	14.170	14.930	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_BPSK	13.950	14.190	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_QPSK	14.000	14.200	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_QAM16	13.990	14.200	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_QAM64	13.990	14.200	PASS
n77(3700-3980)	15	15	656000	75@0	DFT_QAM256	13.990	14.200	PASS
n77(3700-3980)	15	15	656000	79@0	CP_QPSK	14.170	14.920	PASS
n77(3700-3980)	15	15	664832	75@0	DFT_BPSK	14.040	14.210	PASS
n77(3700-3980)	15	15	664832	75@0	DFT_QPSK	14.050	14.220	PASS
n77(3700-3980)	15	15	664832	75@0	DFT_QAM16	13.990	14.210	PASS
n77(3700-3980)	15	15	664832	75@0	DFT_QAM64	14.010	14.230	PASS
n77(3700-3980)	15	15	664832	75@0	DFT_QAM256	14.000	14.210	PASS
n77(3700-3980)	15	15	664832	79@0	CP_QPSK	14.170	14.940	PASS
n77(3700-3980)	15	20	647334	100@0	DFT_BPSK	18.750	18.900	PASS

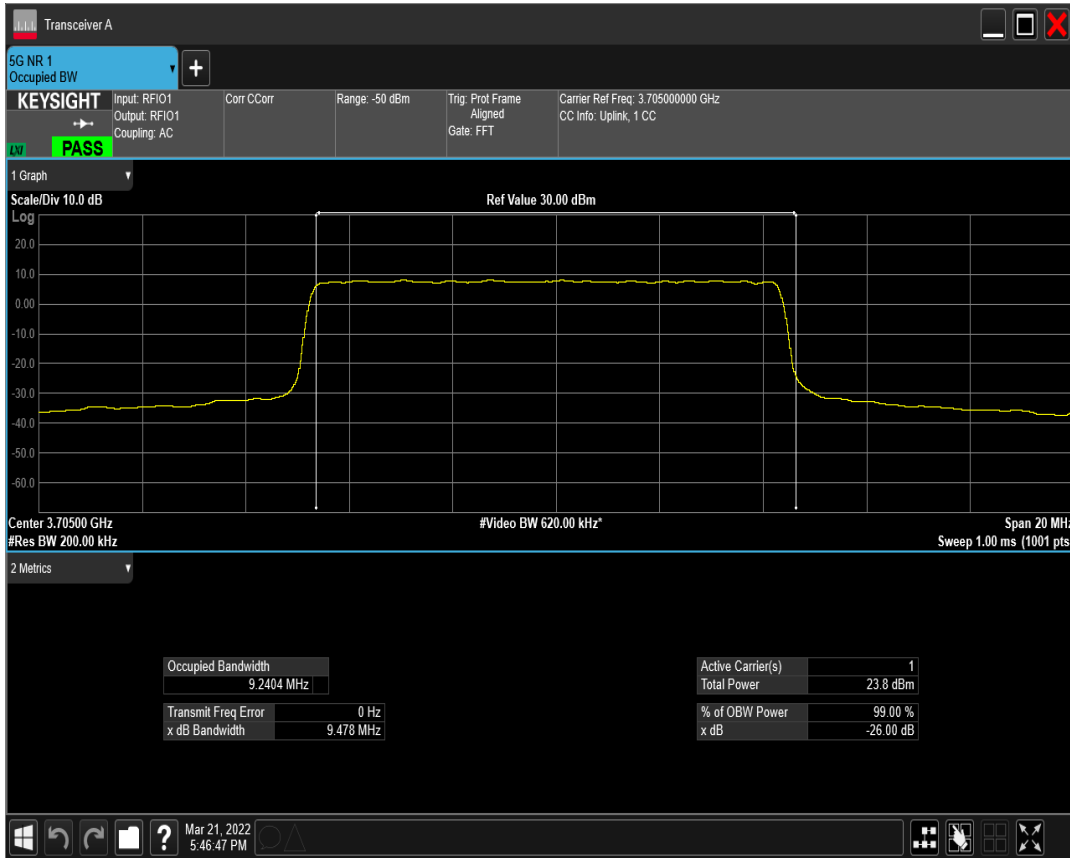
n77(3700-3980)	15	20	647334	100@0	DFT_QPSK	18.740	18.900	PASS
n77(3700-3980)	15	20	647334	100@0	DFT_QAM16	18.810	18.910	PASS
n77(3700-3980)	15	20	647334	100@0	DFT_QAM64	18.760	18.910	PASS
n77(3700-3980)	15	20	647334	100@0	DFT_QAM256	18.800	18.910	PASS
n77(3700-3980)	15	20	647334	106@0	CP_QPSK	18.980	20.000	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_BPSK	18.750	18.900	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_QPSK	18.750	18.880	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_QAM16	18.800	18.920	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_QAM64	18.820	18.920	PASS
n77(3700-3980)	15	20	656000	100@0	DFT_QAM256	18.750	18.900	PASS
n77(3700-3980)	15	20	656000	106@0	CP_QPSK	18.980	19.980	PASS
n77(3700-3980)	15	20	664666	100@0	DFT_BPSK	18.750	18.900	PASS
n77(3700-3980)	15	20	664666	100@0	DFT_QPSK	18.760	18.910	PASS
n77(3700-3980)	15	20	664666	100@0	DFT_QAM16	18.800	18.930	PASS
n77(3700-3980)	15	20	664666	100@0	DFT_QAM64	18.800	18.920	PASS
n77(3700-3980)	15	20	664666	100@0	DFT_QAM256	18.810	18.900	PASS
n77(3700-3980)	15	20	664666	106@0	CP_QPSK	18.980	19.990	PASS
n77(3700-3980)	15	30	647668	160@0	DFT_BPSK	28.690	30.190	PASS
n77(3700-3980)	15	30	647668	160@0	DFT_QPSK	28.700	30.200	PASS
n77(3700-3980)	15	30	647668	160@0	DFT_QAM16	28.690	30.200	PASS
n77(3700-3980)	15	30	647668	160@0	DFT_QAM64	28.690	30.200	PASS
n77(3700-3980)	15	30	647668	160@0	DFT_QAM256	28.690	30.200	PASS
n77(3700-3980)	15	30	647668	160@0	CP_QPSK	28.700	30.220	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_BPSK	28.680	30.180	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_QPSK	28.700	30.200	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_QAM16	28.680	30.190	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_QAM64	28.690	30.190	PASS
n77(3700-3980)	15	30	656000	160@0	DFT_QAM256	28.680	30.190	PASS
n77(3700-3980)	15	30	656000	160@0	CP_QPSK	28.690	30.210	PASS
n77(3700-3980)	15	30	664332	160@0	DFT_BPSK	28.610	30.190	PASS
n77(3700-3980)	15	30	664332	160@0	DFT_QPSK	28.610	30.180	PASS
n77(3700-3980)	15	30	664332	160@0	DFT_QAM16	28.680	30.200	PASS
n77(3700-3980)	15	30	664332	160@0	DFT_QAM64	28.620	30.200	PASS
n77(3700-3980)	15	30	664332	160@0	DFT_QAM256	28.620	30.200	PASS
n77(3700-3980)	15	30	664332	160@0	CP_QPSK	28.680	30.220	PASS
n77(3700-3980)	15	40	648000	216@0	DFT_BPSK	38.630	40.710	PASS
n77(3700-3980)	15	40	648000	216@0	DFT_QPSK	38.740	40.740	PASS
n77(3700-3980)	15	40	648000	216@0	DFT_QAM16	38.740	40.740	PASS
n77(3700-3980)	15	40	648000	216@0	DFT_QAM64	38.720	40.720	PASS
n77(3700-3980)	15	40	648000	216@0	DFT_QAM256	38.630	40.720	PASS
n77(3700-3980)	15	40	648000	216@0	CP_QPSK	38.730	40.750	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_BPSK	38.740	40.740	PASS

n77(3700-3980)	15	40	656000	216@0	DFT_QPSK	38.740	40.730	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_QAM16	38.640	40.730	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_QAM64	38.720	40.710	PASS
n77(3700-3980)	15	40	656000	216@0	DFT_QAM256	38.630	40.720	PASS
n77(3700-3980)	15	40	656000	216@0	CP_QPSK	38.730	40.740	PASS
n77(3700-3980)	15	40	664000	216@0	DFT_BPSK	38.620	40.710	PASS
n77(3700-3980)	15	40	664000	216@0	DFT_QPSK	38.730	40.750	PASS
n77(3700-3980)	15	40	664000	216@0	DFT_QAM16	38.640	40.730	PASS
n77(3700-3980)	15	40	664000	216@0	DFT_QAM64	38.640	40.720	PASS
n77(3700-3980)	15	40	664000	216@0	DFT_QAM256	38.630	40.720	PASS
n77(3700-3980)	15	40	664000	216@0	CP_QPSK	38.720	40.760	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_BPSK	48.270	50.800	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_QPSK	48.290	50.840	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_QAM16	48.300	50.860	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_QAM64	48.280	50.820	PASS
n77(3700-3980)	15	50	648334	270@0	DFT_QAM256	48.400	50.850	PASS
n77(3700-3980)	15	50	648334	270@0	CP_QPSK	48.300	50.860	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_BPSK	48.400	50.860	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QPSK	48.420	50.860	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QAM16	48.410	50.870	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QAM64	48.290	50.840	PASS
n77(3700-3980)	15	50	656000	270@0	DFT_QAM256	48.410	50.860	PASS
n77(3700-3980)	15	50	656000	270@0	CP_QPSK	48.410	50.880	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_BPSK	48.290	50.850	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_QPSK	48.420	50.870	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_QAM16	48.420	50.910	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_QAM64	48.400	50.860	PASS
n77(3700-3980)	15	50	663666	270@0	DFT_QAM256	48.420	50.890	PASS
n77(3700-3980)	15	50	663666	270@0	CP_QPSK	48.410	50.910	PASS

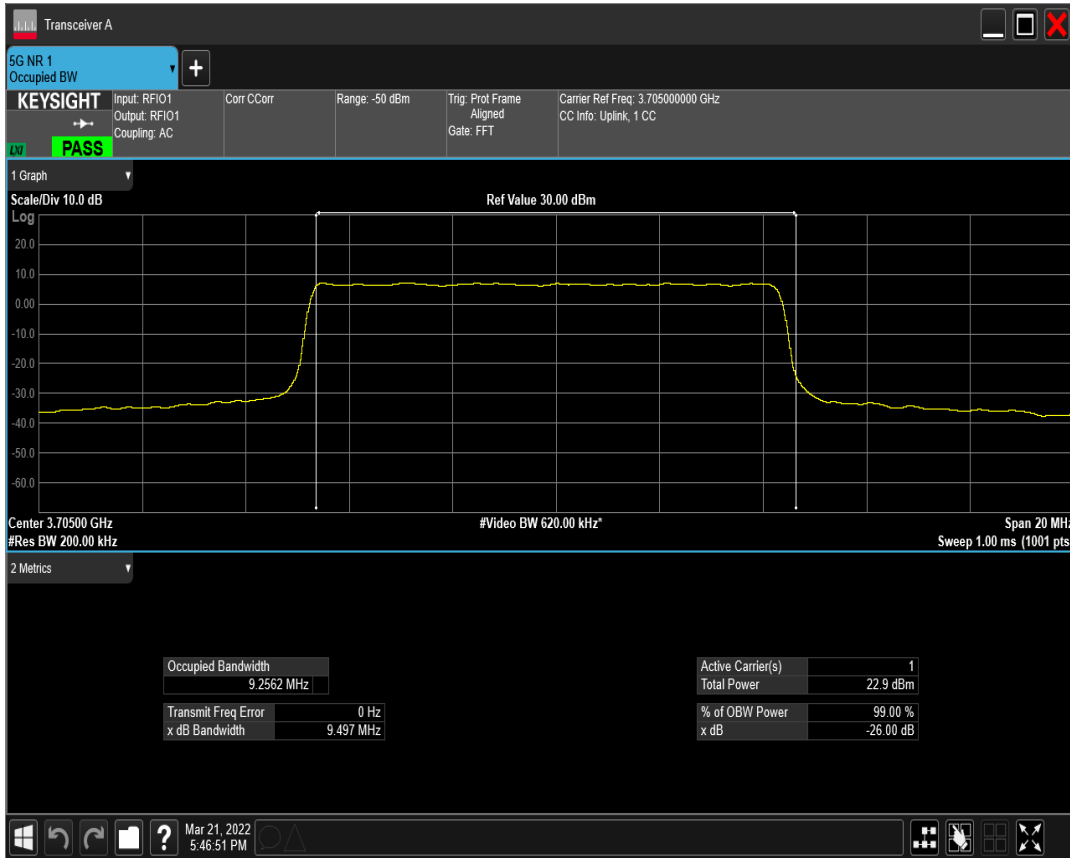
n77(3700-3980) SCS=15kHz DFT_BPSK BW=10MHz Channel=647000 RB=50@0



n77(3700-3980) SCS=15kHz DFT_QPSK BW=10MHz Channel=647000 RB=50@0



n77(3700-3980) SCS=15kHz DFT_QAM16 BW=10MHz Channel=647000 RB=50@0



n77(3700-3980) SCS=15kHz DFT_QAM64 BW=10MHz Channel=647000 RB=50@0