1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)	high Limit (dBm)	Verdict
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	25.01	26.21	33.0	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	24.84	26.04	33.0	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	25.02	26.22	33.0	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	24.95	26.15	33.0	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	24.80	26.00	33.0	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	24.98	26.18	33.0	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM16	24.10	25.30	33.0	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM16	24.11	25.31	33.0	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM16	24.12	25.32	33.0	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM64	22.52	23.72	33.0	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM64	22.46	23.66	33.0	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM64	22.68	23.88	33.0	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM256	20.50	21.70	33.0	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM256	20.71	21.91	33.0	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM256	20.66	21.86	33.0	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	23.45	24.65	33.0	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	23.24	24.44	33.0	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	23.43	24.63	33.0	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM16	23.05	24.25	33.0	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM16	22.92	24.12	33.0	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM16	23.16	24.36	33.0	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM64	21.61	22.81	33.0	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM64	21.83	23.03	33.0	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM64	21.37	22.57	33.0	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM256	18.76	19.96	33.0	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM256	19.02	20.22	33.0	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM256	19.24	20.44	33.0	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	25.09	26.29	33.0	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	25.00	26.20	33.0	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	24.98	26.18	33.0	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	25.07	26.27	33.0	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	24.91	26.11	33.0	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	24.96	26.16	33.0	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM16	24.08	25.28	33.0	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM16	23.99	25.19	33.0	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM16	24.04	25.24	33.0	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM64	22.53	23.73	33.0	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM64	22.84	24.04	33.0	PASS

n77(3450-3550)	30	10	633334	1@22	DFT_QAM64	22.88	24.08	33.0	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM256	20.63	21.83	33.0	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM256	20.45	21.65	33.0	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM256	20.48	21.68	33.0	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	23.56	24.76	33.0	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	23.38	24.58	33.0	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	23.55	24.75	33.0	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM16	22.95	24.15	33.0	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM16	23.02	24.22	33.0	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM16	23.11	24.31	33.0	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM64	21.64	22.84	33.0	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM64	21.31	22.51	33.0	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM64	21.98	23.18	33.0	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM256	18.62	19.82	33.0	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM256	19.11	20.31	33.0	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM256	18.31	19.51	33.0	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	24.93	26.13	33.0	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	25.00	26.20	33.0	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	24.78	25.98	33.0	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	24.90	26.10	33.0	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	24.81	26.01	33.0	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	24.69	25.89	33.0	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM16	23.87	25.07	33.0	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM16	23.91	25.11	33.0	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM16	23.26	24.46	33.0	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM64	22.40	23.60	33.0	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM64	22.83	24.03	33.0	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM64	22.57	23.77	33.0	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM256	20.55	21.75	33.0	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM256	20.72	21.92	33.0	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM256	20.48	21.68	33.0	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	23.38	24.58	33.0	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	23.41	24.61	33.0	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	23.17	24.37	33.0	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM16	22.77	23.97	33.0	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM16	23.29	24.49	33.0	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM16	22.75	23.95	33.0	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM64	21.54	22.74	33.0	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM64	21.28	22.48	33.0	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM64	21.17	22.37	33.0	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM256	18.44	19.64	33.0	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM256	19.02	20.22	33.0	PASS

n77(3450-3550)	30	10	636332	1@22	CP_QAM256	18.80	20.00	33.0	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	25.05	26.25	33.0	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	24.88	26.08	33.0	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	25.20	26.40	33.0	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	25.05	26.25	33.0	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	24.73	25.93	33.0	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	25.10	26.30	33.0	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM16	24.00	25.20	33.0	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM16	23.46	24.66	33.0	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM16	24.19	25.39	33.0	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM64	22.60	23.80	33.0	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM64	22.62	23.82	33.0	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM64	23.02	24.22	33.0	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM256	20.58	21.78	33.0	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM256	20.33	21.53	33.0	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM256	20.64	21.84	33.0	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	23.56	24.76	33.0	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	23.18	24.38	33.0	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	23.41	24.61	33.0	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM16	23.07	24.27	33.0	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM16	22.88	24.08	33.0	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM16	23.08	24.28	33.0	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM64	21.46	22.66	33.0	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM64	21.84	23.04	33.0	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM64	22.22	23.42	33.0	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM256	18.80	20.00	33.0	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM256	19.01	20.21	33.0	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM256	19.32	20.52	33.0	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	25.07	26.27	33.0	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	24.96	26.16	33.0	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	24.83	26.03	33.0	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	25.00	26.20	33.0	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	24.73	25.93	33.0	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	24.71	25.91	33.0	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM16	24.02	25.22	33.0	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM16	23.99	25.19	33.0	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM16	23.75	24.95	33.0	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM64	22.78	23.98	33.0	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM64	22.65	23.85	33.0	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM64	22.73	23.93	33.0	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM256	20.62	21.82	33.0	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM256	20.31	21.51	33.0	PASS

n77(3450-3550)	30	15	633334	1@36	DFT_QAM256	20.45	21.65	33.0	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	23.53	24.73	33.0	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	23.42	24.62	33.0	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	23.36	24.56	33.0	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM16	22.92	24.12	33.0	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM16	22.81	24.01	33.0	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM16	22.98	24.18	33.0	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM64	21.86	23.06	33.0	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM64	21.26	22.46	33.0	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM64	21.39	22.59	33.0	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM256	18.59	19.79	33.0	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM256	19.00	20.20	33.0	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM256	18.98	20.18	33.0	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	24.96	26.16	33.0	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	24.76	25.96	33.0	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	24.66	25.86	33.0	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	24.92	26.12	33.0	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	24.71	25.91	33.0	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	24.56	25.76	33.0	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM16	24.00	25.20	33.0	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM16	23.76	24.96	33.0	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM16	23.56	24.76	33.0	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM64	22.58	23.78	33.0	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM64	22.47	23.67	33.0	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM64	22.33	23.53	33.0	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM256	20.48	21.68	33.0	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM256	20.31	21.51	33.0	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM256	20.53	21.73	33.0	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	23.38	24.58	33.0	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	23.20	24.40	33.0	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	23.05	24.25	33.0	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM16	23.00	24.20	33.0	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM16	22.74	23.94	33.0	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM16	22.76	23.96	33.0	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM64	21.47	22.67	33.0	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM64	21.21	22.41	33.0	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM64	21.02	22.22	33.0	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM256	18.56	19.76	33.0	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM256	18.08	19.28	33.0	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM256	17.91	19.11	33.0	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	25.14	26.34	33.0	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	24.81	26.01	33.0	PASS

n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	25.18	26.38	33.0	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	25.11	26.31	33.0	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	24.68	25.88	33.0	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	24.87	26.07	33.0	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM16	24.12	25.32	33.0	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM16	23.93	25.13	33.0	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM16	24.22	25.42	33.0	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM64	22.70	23.90	33.0	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM64	22.53	23.73	33.0	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM64	22.75	23.95	33.0	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM256	20.71	21.91	33.0	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM256	20.33	21.53	33.0	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM256	20.88	22.08	33.0	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	23.55	24.75	33.0	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	23.15	24.35	33.0	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	23.42	24.62	33.0	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM16	23.15	24.35	33.0	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM16	22.68	23.88	33.0	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM16	23.13	24.33	33.0	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM64	21.65	22.85	33.0	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM64	21.12	22.32	33.0	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM64	22.14	23.34	33.0	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM256	18.74	19.94	33.0	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM256	18.15	19.35	33.0	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM256	18.39	19.59	33.0	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	25.09	26.29	33.0	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	24.72	25.92	33.0	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	24.80	26.00	33.0	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	25.12	26.32	33.0	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	24.75	25.95	33.0	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	24.87	26.07	33.0	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM16	24.15	25.35	33.0	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM16	23.80	25.00	33.0	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM16	23.27	24.47	33.0	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM64	22.63	23.83	33.0	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM64	22.29	23.49	33.0	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM64	22.33	23.53	33.0	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM256	20.59	21.79	33.0	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM256	20.65	21.85	33.0	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM256	20.60	21.80	33.0	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	23.51	24.71	33.0	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	23.31	24.51	33.0	PASS

n77(3450-3550)	30	20	633334	1@49	CP_QPSK	23.28	24.48	33.0	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM16	23.08	24.28	33.0	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM16	22.84	24.04	33.0	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM16	22.81	24.01	33.0	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM64	21.53	22.73	33.0	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM64	21.19	22.39	33.0	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM64	21.11	22.31	33.0	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM256	18.61	19.81	33.0	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM256	18.09	19.29	33.0	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM256	18.80	20.00	33.0	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	25.02	26.22	33.0	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	24.60	25.80	33.0	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	24.68	25.88	33.0	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	24.99	26.19	33.0	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	24.49	25.69	33.0	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	24.60	25.80	33.0	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM16	24.03	25.23	33.0	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM16	23.63	24.83	33.0	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM16	23.19	24.39	33.0	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM64	22.60	23.80	33.0	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM64	22.38	23.58	33.0	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM64	22.20	23.40	33.0	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM256	20.46	21.66	33.0	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM256	20.10	21.30	33.0	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM256	20.15	21.35	33.0	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	23.42	24.62	33.0	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	23.15	24.35	33.0	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	23.12	24.32	33.0	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM16	22.93	24.13	33.0	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM16	22.95	24.15	33.0	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM16	22.68	23.88	33.0	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM64	21.57	22.77	33.0	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM64	21.05	22.25	33.0	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM64	20.90	22.10	33.0	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM256	18.55	19.75	33.0	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM256	18.70	19.90	33.0	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM256	18.64	19.84	33.0	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_BPSK	25.24	26.44	33.0	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_BPSK	24.74	25.94	33.0	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_BPSK	24.74	25.94	33.0	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QPSK	25.23	26.43	33.0	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QPSK	24.55	25.75	33.0	PASS

n77(3450-3550)	30	30	631000	1@76	DFT_QPSK	24.48	25.68	33.0	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM16	24.20	25.40	33.0	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM16	23.17	24.37	33.0	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM16	23.35	24.55	33.0	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM64	22.75	23.95	33.0	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM64	22.43	23.63	33.0	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM64	22.44	23.64	33.0	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM256	20.75	21.95	33.0	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM256	20.53	21.73	33.0	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM256	20.52	21.72	33.0	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QPSK	23.70	24.90	33.0	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QPSK	23.22	24.42	33.0	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QPSK	23.15	24.35	33.0	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM16	23.31	24.51	33.0	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM16	23.01	24.21	33.0	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM16	23.00	24.20	33.0	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM64	21.74	22.94	33.0	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM64	21.07	22.27	33.0	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM64	21.09	22.29	33.0	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM256	18.94	20.14	33.0	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM256	18.82	20.02	33.0	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM256	18.16	19.36	33.0	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_BPSK	25.02	26.22	33.0	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_BPSK	24.51	25.71	33.0	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_BPSK	24.53	25.73	33.0	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QPSK	25.07	26.27	33.0	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QPSK	24.35	25.55	33.0	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QPSK	24.21	25.41	33.0	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM16	24.06	25.26	33.0	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM16	23.73	24.93	33.0	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM16	23.58	24.78	33.0	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM64	22.58	23.78	33.0	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM64	22.12	23.32	33.0	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM64	22.09	23.29	33.0	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM256	20.56	21.76	33.0	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM256	19.97	21.17	33.0	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM256	19.96	21.16	33.0	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QPSK	23.56	24.76	33.0	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QPSK	23.86	25.06	33.0	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QPSK	22.93	24.13	33.0	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM16	23.10	24.30	33.0	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM16	22.62	23.82	33.0	PASS

n77(3450-3550)	30	30	633334	1@76	CP_QAM16	22.60	23.80	33.0	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM64	21.64	22.84	33.0	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM64	21.00	22.20	33.0	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM64	21.58	22.78	33.0	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM256	18.64	19.84	33.0	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM256	17.92	19.12	33.0	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM256	18.57	19.77	33.0	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_BPSK	24.79	25.99	33.0	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_BPSK	24.29	25.49	33.0	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_BPSK	24.58	25.78	33.0	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QPSK	24.80	26.00	33.0	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QPSK	24.11	25.31	33.0	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QPSK	24.45	25.65	33.0	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM16	23.85	25.05	33.0	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM16	23.31	24.51	33.0	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM16	23.65	24.85	33.0	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM64	22.35	23.55	33.0	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM64	21.92	23.12	33.0	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM64	22.10	23.30	33.0	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM256	20.38	21.58	33.0	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM256	20.11	21.31	33.0	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM256	19.98	21.18	33.0	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QPSK	23.36	24.56	33.0	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QPSK	22.85	24.05	33.0	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QPSK	23.06	24.26	33.0	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM16	22.89	24.09	33.0	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM16	22.51	23.71	33.0	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM16	22.68	23.88	33.0	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM64	21.42	22.62	33.0	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM64	20.74	21.94	33.0	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM64	20.93	22.13	33.0	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM256	18.46	19.66	33.0	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM256	17.57	18.77	33.0	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM256	18.55	19.75	33.0	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	25.22	26.42	33.0	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	24.46	25.66	33.0	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	24.30	25.50	33.0	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	25.14	26.34	33.0	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	24.28	25.48	33.0	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	24.41	25.61	33.0	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM16	24.22	25.42	33.0	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM16	23.52	24.72	33.0	PASS

n77(3450-3550)	30	40	631334	1@104	DFT_QAM16	23.59	24.79	33.0	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM64	22.75	23.95	33.0	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM64	22.28	23.48	33.0	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM64	22.16	23.36	33.0	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM256	20.69	21.89	33.0	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM256	19.93	21.13	33.0	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM256	19.80	21.00	33.0	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	23.60	24.80	33.0	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	22.89	24.09	33.0	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	22.71	23.91	33.0	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM16	23.20	24.40	33.0	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM16	22.58	23.78	33.0	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM16	22.47	23.67	33.0	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM64	21.70	22.90	33.0	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM64	20.81	22.01	33.0	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM64	20.72	21.92	33.0	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM256	18.88	20.08	33.0	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM256	17.82	19.02	33.0	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM256	18.47	19.67	33.0	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	25.05	26.25	33.0	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	24.38	25.58	33.0	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	24.22	25.42	33.0	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	25.00	26.20	33.0	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	24.20	25.40	33.0	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	23.99	25.19	33.0	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM16	24.00	25.20	33.0	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM16	23.39	24.59	33.0	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM16	23.18	24.38	33.0	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM64	22.51	23.71	33.0	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM64	22.21	23.41	33.0	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM64	21.96	23.16	33.0	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM256	20.54	21.74	33.0	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM256	19.84	21.04	33.0	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM256	19.63	20.83	33.0	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	23.49	24.69	33.0	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	22.92	24.12	33.0	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	22.42	23.62	33.0	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM16	22.99	24.19	33.0	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM16	22.45	23.65	33.0	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM16	22.18	23.38	33.0	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM64	21.49	22.69	33.0	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM64	20.81	22.01	33.0	PASS

n77(3450-3550)	30	40	633334	1@104	CP_QAM64	20.53	21.73	33.0	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM256	18.56	19.76	33.0	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM256	17.85	19.05	33.0	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM256	17.47	18.67	33.0	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	24.72	25.92	33.0	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	24.37	25.57	33.0	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	24.28	25.48	33.0	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	24.67	25.87	33.0	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	24.28	25.48	33.0	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	24.30	25.50	33.0	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM16	23.74	24.94	33.0	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM16	23.27	24.47	33.0	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM16	22.80	24.00	33.0	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM64	22.27	23.47	33.0	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM64	21.89	23.09	33.0	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM64	21.88	23.08	33.0	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM256	20.19	21.39	33.0	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM256	20.14	21.34	33.0	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM256	19.74	20.94	33.0	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	23.26	24.46	33.0	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	22.64	23.84	33.0	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	22.60	23.80	33.0	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM16	22.77	23.97	33.0	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM16	22.35	23.55	33.0	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM16	22.41	23.61	33.0	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM64	21.32	22.52	33.0	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM64	20.84	22.04	33.0	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM64	20.56	21.76	33.0	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM256	18.32	19.52	33.0	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM256	18.34	19.54	33.0	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM256	18.35	19.55	33.0	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	25.12	26.32	33.0	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	24.72	25.92	33.0	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	24.91	26.11	33.0	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	25.09	26.29	33.0	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	24.61	25.81	33.0	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	24.73	25.93	33.0	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM16	24.11	25.31	33.0	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM16	23.83	25.03	33.0	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM16	24.00	25.20	33.0	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM64	22.65	23.85	33.0	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM64	22.55	23.75	33.0	PASS

n77(3450-3550)	30	50	631668	1@131	DFT_QAM64	22.68	23.88	33.0	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM256	20.70	21.90	33.0	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM256	20.23	21.43	33.0	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM256	20.36	21.56	33.0	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	23.57	24.77	33.0	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	23.26	24.46	33.0	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	23.37	24.57	33.0	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM16	23.09	24.29	33.0	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM16	22.98	24.18	33.0	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM16	22.99	24.19	33.0	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM64	21.62	22.82	33.0	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM64	21.11	22.31	33.0	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM64	21.19	22.39	33.0	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM256	18.70	19.90	33.0	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM256	18.14	19.34	33.0	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM256	18.91	20.11	33.0	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	25.08	26.28	33.0	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	24.79	25.99	33.0	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	24.34	25.54	33.0	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	25.03	26.23	33.0	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	24.65	25.85	33.0	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	24.27	25.47	33.0	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM16	24.09	25.29	33.0	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM16	23.97	25.17	33.0	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM16	23.44	24.64	33.0	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM64	22.61	23.81	33.0	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM64	22.54	23.74	33.0	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM64	22.04	23.24	33.0	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM256	20.63	21.83	33.0	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM256	20.28	21.48	33.0	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM256	19.85	21.05	33.0	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	23.52	24.72	33.0	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	23.16	24.36	33.0	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	22.86	24.06	33.0	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM16	23.03	24.23	33.0	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM16	22.94	24.14	33.0	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM16	22.56	23.76	33.0	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM64	21.58	22.78	33.0	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM64	21.28	22.48	33.0	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM64	21.43	22.63	33.0	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM256	18.60	19.80	33.0	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM256	19.02	20.22	33.0	PASS

n77(3450-3550)	30	50	633334	1@131	CP_QAM256	18.34	19.54	33.0	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	24.77	25.97	33.0	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	24.96	26.16	33.0	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	24.61	25.81	33.0	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	24.78	25.98	33.0	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	24.77	25.97	33.0	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	24.43	25.63	33.0	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM16	23.66	24.86	33.0	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM16	23.92	25.12	33.0	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM16	23.61	24.81	33.0	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM64	22.25	23.45	33.0	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM64	22.70	23.90	33.0	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM64	22.35	23.55	33.0	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM256	20.32	21.52	33.0	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM256	20.61	21.81	33.0	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM256	20.07	21.27	33.0	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	23.20	24.40	33.0	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	23.36	24.56	33.0	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	22.88	24.08	33.0	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM16	22.73	23.93	33.0	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM16	23.02	24.22	33.0	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM16	22.71	23.91	33.0	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM64	21.26	22.46	33.0	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM64	21.36	22.56	33.0	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM64	20.97	22.17	33.0	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM256	18.27	19.47	33.0	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM256	18.91	20.11	33.0	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM256	17.91	19.11	33.0	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	24.95	26.15	33.0	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	24.58	25.78	33.0	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	24.51	25.71	33.0	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	24.94	26.14	33.0	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	24.34	25.54	33.0	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	24.28	25.48	33.0	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM16	23.94	25.14	33.0	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM16	23.29	24.49	33.0	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM16	23.31	24.51	33.0	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM64	22.45	23.65	33.0	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM64	22.19	23.39	33.0	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM64	22.21	23.41	33.0	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM256	20.48	21.68	33.0	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM256	20.24	21.44	33.0	PASS

n77(3450-3550)	30	60	632000	1@160	DFT_QAM256	20.15	21.35	33.0	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	23.42	24.62	33.0	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	22.90	24.10	33.0	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	22.83	24.03	33.0	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM16	22.90	24.10	33.0	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM16	22.53	23.73	33.0	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM16	22.49	23.69	33.0	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM64	21.66	22.86	33.0	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM64	20.86	22.06	33.0	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM64	20.91	22.11	33.0	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM256	18.65	19.85	33.0	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM256	18.59	19.79	33.0	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM256	18.00	19.20	33.0	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	24.99	26.19	33.0	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	24.72	25.92	33.0	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	24.25	25.45	33.0	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	24.91	26.11	33.0	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	24.59	25.79	33.0	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	24.09	25.29	33.0	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM16	23.91	25.11	33.0	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM16	23.64	24.84	33.0	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM16	23.13	24.33	33.0	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM64	22.52	23.72	33.0	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM64	22.24	23.44	33.0	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM64	21.99	23.19	33.0	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM256	20.49	21.69	33.0	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM256	20.50	21.70	33.0	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM256	19.54	20.74	33.0	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	23.37	24.57	33.0	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	23.39	24.59	33.0	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	22.87	24.07	33.0	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM16	22.85	24.05	33.0	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM16	22.75	23.95	33.0	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM16	22.67	23.87	33.0	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM64	21.48	22.68	33.0	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM64	21.31	22.51	33.0	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM64	20.66	21.86	33.0	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM256	18.50	19.70	33.0	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM256	18.77	19.97	33.0	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM256	18.07	19.27	33.0	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	24.66	25.86	33.0	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	24.52	25.72	33.0	PASS

n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	24.42	25.62	33.0	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	24.71	25.91	33.0	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	24.35	25.55	33.0	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	24.19	25.39	33.0	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM16	23.69	24.89	33.0	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM16	23.35	24.55	33.0	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM16	23.17	24.37	33.0	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM64	22.24	23.44	33.0	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM64	22.19	23.39	33.0	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM64	22.07	23.27	33.0	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM256	20.21	21.41	33.0	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM256	20.28	21.48	33.0	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM256	19.67	20.87	33.0	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	23.12	24.32	33.0	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	23.05	24.25	33.0	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	22.88	24.08	33.0	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM16	22.69	23.89	33.0	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM16	22.47	23.67	33.0	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM16	22.34	23.54	33.0	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM64	21.17	22.37	33.0	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM64	20.99	22.19	33.0	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM64	21.04	22.24	33.0	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM256	18.24	19.44	33.0	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM256	18.42	19.62	33.0	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM256	18.29	19.49	33.0	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	24.97	26.17	33.0	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	24.39	25.59	33.0	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	24.06	25.26	33.0	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	24.93	26.13	33.0	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	24.09	25.29	33.0	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	23.93	25.13	33.0	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM16	23.92	25.12	33.0	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM16	23.20	24.40	33.0	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM16	23.05	24.25	33.0	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM64	22.46	23.66	33.0	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM64	21.87	23.07	33.0	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM64	21.62	22.82	33.0	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM256	20.45	21.65	33.0	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM256	19.64	20.84	33.0	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM256	19.41	20.61	33.0	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	23.43	24.63	33.0	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	22.99	24.19	33.0	PASS

n77(3450-3550)	30	80	632668	1@215	CP_QPSK	22.75	23.95	33.0	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM16	22.94	24.14	33.0	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM16	22.27	23.47	33.0	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM16	22.23	23.43	33.0	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM64	21.53	22.73	33.0	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM64	20.49	21.69	33.0	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM64	20.19	21.39	33.0	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM256	18.50	19.70	33.0	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM256	18.47	19.67	33.0	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM256	17.96	19.16	33.0	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	24.89	26.09	33.0	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	24.56	25.76	33.0	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	24.39	25.59	33.0	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	24.90	26.10	33.0	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	24.60	25.80	33.0	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	24.27	25.47	33.0	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM16	23.85	25.05	33.0	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM16	23.85	25.05	33.0	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM16	23.58	24.78	33.0	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM64	22.42	23.62	33.0	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM64	22.37	23.57	33.0	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM64	22.07	23.27	33.0	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM256	20.34	21.54	33.0	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM256	20.39	21.59	33.0	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM256	19.65	20.85	33.0	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	23.34	24.54	33.0	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	22.95	24.15	33.0	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	22.65	23.85	33.0	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM16	22.85	24.05	33.0	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM16	22.78	23.98	33.0	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM16	22.52	23.72	33.0	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM64	21.49	22.69	33.0	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM64	20.79	21.99	33.0	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM64	20.60	21.80	33.0	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM256	18.43	19.63	33.0	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM256	18.86	20.06	33.0	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM256	18.27	19.47	33.0	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	24.86	26.06	33.0	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	24.59	25.79	33.0	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	24.20	25.40	33.0	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	24.81	26.01	33.0	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	24.55	25.75	33.0	PASS

n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	24.13	25.33	33.0	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM16	23.83	25.03	33.0	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM16	23.79	24.99	33.0	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM16	23.44	24.64	33.0	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM64	22.34	23.54	33.0	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM64	22.28	23.48	33.0	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM64	21.89	23.09	33.0	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM256	20.32	21.52	33.0	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM256	20.42	21.62	33.0	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM256	19.95	21.15	33.0	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	23.28	24.48	33.0	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	22.88	24.08	33.0	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QPSK	22.49	23.69	33.0	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM16	22.78	23.98	33.0	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM16	22.75	23.95	33.0	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM16	22.28	23.48	33.0	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM64	21.35	22.55	33.0	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM64	20.79	21.99	33.0	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM64	20.41	21.61	33.0	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM256	18.34	19.54	33.0	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM256	18.70	19.90	33.0	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM256	18.10	19.30	33.0	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	24.84	26.04	33.0	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	24.20	25.40	33.0	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	24.30	25.50	33.0	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	24.90	26.10	33.0	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	24.07	25.27	33.0	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	24.12	25.32	33.0	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM16	23.87	25.07	33.0	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM16	23.22	24.42	33.0	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM16	23.64	24.84	33.0	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM64	22.44	23.64	33.0	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM64	21.74	22.94	33.0	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM64	21.94	23.14	33.0	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM256	20.35	21.55	33.0	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM256	19.97	21.17	33.0	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM256	20.02	21.22	33.0	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	23.38	24.58	33.0	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	22.43	23.63	33.0	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	22.56	23.76	33.0	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM16	22.75	23.95	33.0	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM16	22.28	23.48	33.0	PASS

n77(3450-3550)	30	90	633000	1@243	CP_QAM16	22.32	23.52	33.0	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM64	21.36	22.56	33.0	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM64	20.40	21.60	33.0	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM64	20.46	21.66	33.0	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM256	18.35	19.55	33.0	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM256	18.40	19.60	33.0	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM256	18.04	19.24	33.0	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	24.88	26.08	33.0	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	24.35	25.55	33.0	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	24.21	25.41	33.0	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	24.86	26.06	33.0	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	24.23	25.43	33.0	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	24.16	25.36	33.0	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM16	23.82	25.02	33.0	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM16	23.43	24.63	33.0	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM16	23.34	24.54	33.0	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM64	22.40	23.60	33.0	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM64	21.98	23.18	33.0	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM64	21.94	23.14	33.0	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM256	20.29	21.49	33.0	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM256	20.05	21.25	33.0	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM256	19.96	21.16	33.0	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	23.31	24.51	33.0	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	22.64	23.84	33.0	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	22.53	23.73	33.0	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM16	22.72	23.92	33.0	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM16	22.49	23.69	33.0	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM16	22.52	23.72	33.0	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM64	21.29	22.49	33.0	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM64	21.08	22.28	33.0	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM64	20.88	22.08	33.0	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM256	18.33	19.53	33.0	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM256	18.62	19.82	33.0	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM256	18.01	19.21	33.0	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	24.82	26.02	33.0	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	24.48	25.68	33.0	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	24.11	25.31	33.0	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	24.80	26.00	33.0	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	24.46	25.66	33.0	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	24.09	25.29	33.0	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM16	23.73	24.93	33.0	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM16	23.71	24.91	33.0	PASS

n77(3450-3550)	30	90	633666	1@243	DFT_QAM16	22.98	24.18	33.0	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM64	22.29	23.49	33.0	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM64	22.01	23.21	33.0	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM64	21.77	22.97	33.0	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM256	20.27	21.47	33.0	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM256	19.75	20.95	33.0	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM256	19.80	21.00	33.0	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	23.20	24.40	33.0	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	23.09	24.29	33.0	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	22.48	23.68	33.0	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM16	22.75	23.95	33.0	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM16	22.75	23.95	33.0	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM16	22.38	23.58	33.0	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM64	21.25	22.45	33.0	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM64	21.10	22.30	33.0	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM64	20.77	21.97	33.0	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM256	18.22	19.42	33.0	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM256	18.69	19.89	33.0	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM256	18.01	19.21	33.0	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	24.73	25.93	33.0	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	24.03	25.23	33.0	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	23.89	25.09	33.0	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	24.72	25.92	33.0	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	23.94	25.14	33.0	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	23.85	25.05	33.0	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM16	23.77	24.97	33.0	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM16	23.24	24.44	33.0	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM16	23.12	24.32	33.0	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM64	22.28	23.48	33.0	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM64	21.70	22.90	33.0	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM64	21.57	22.77	33.0	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM256	20.31	21.51	33.0	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM256	19.73	20.93	33.0	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM256	19.63	20.83	33.0	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	23.26	24.46	33.0	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	22.58	23.78	33.0	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	22.24	23.44	33.0	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM16	22.74	23.94	33.0	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM16	22.21	23.41	33.0	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM16	22.18	23.38	33.0	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM64	21.30	22.50	33.0	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM64	20.60	21.80	33.0	PASS

n77(3450-3550)	30	100	633334	1@271	CP_QAM64	20.47	21.67	33.0	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM256	18.33	19.53	33.0	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM256	18.24	19.44	33.0	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM256	17.69	18.89	33.0	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(3450-3550)	30	100	633334	135@67	DFT_BPSK	3.87	-25.14	-0.01	Within authorized band for 5G NR n77	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	3.50	-24.79	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	4.45	-15.28	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	3.87	-18.21	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	3.50	-20.02	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	4.45	-21.74	-0.01		PASS

Note: Only the worst case shown in the report.

NV:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	-30	-21.10	0.00	Within authorized band for 5G NR n77	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	-20	-16.49	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	-10	-13.77	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	0	-18.40	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	10	-19.60	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	20	-14.28	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	30	-15.79	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	40	-13.47	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	50	-19.55	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-30	-23.73	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-20	-20.58	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-10	-16.34	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	0	-15.07	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	10	-13.82	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	20	-16.44	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	30	-20.75	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	40	-21.64	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	50	-23.76	0.00		PASS

Note: Only the worst case shown in the report.

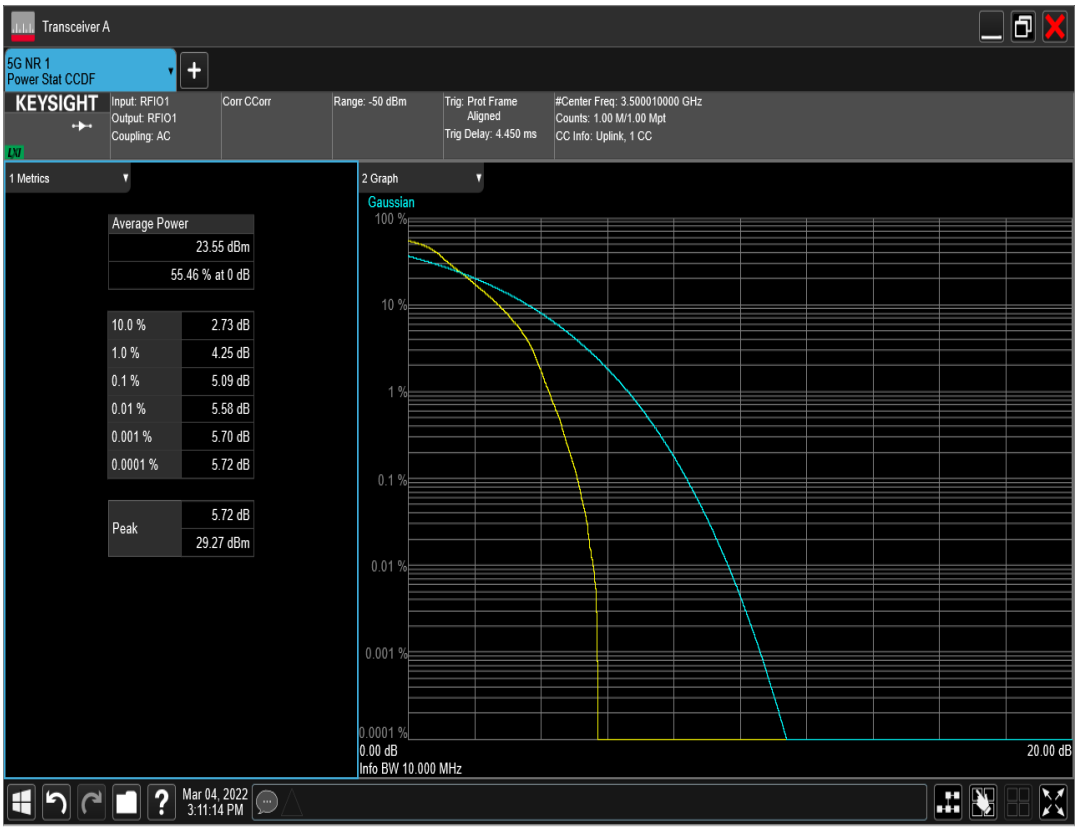
3 Peak-to-Average Ratio for NR FR1

Band	SCS	Bandwidth	UL	RB	Modulation	Result	high Limit	Verdict

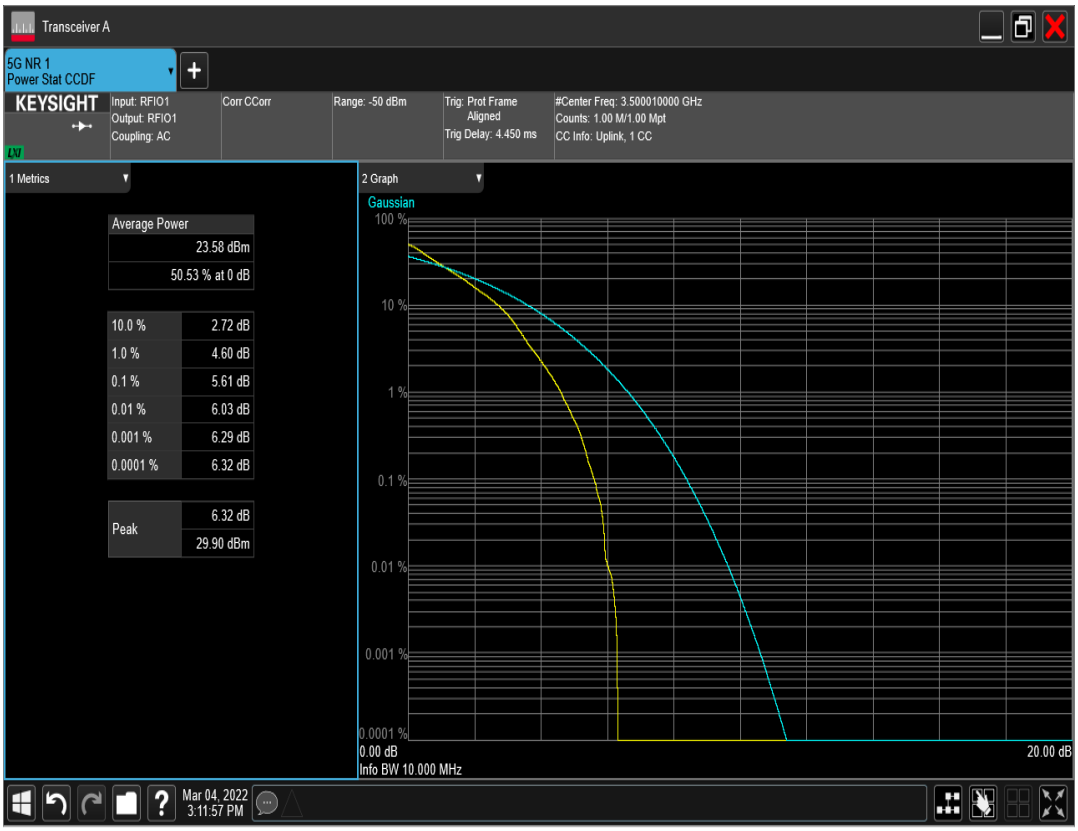
	(kHz)	(MHz)	Channel	Allocation		(dB)	(dB)	
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	5.09	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	5.61	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	6.32	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	6.65	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	7.14	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	4.63	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	5.77	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	6.54	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	6.79	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	7.12	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	4.54	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	5.66	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	6.54	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	6.76	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	6.97	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	4.54	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	5.61	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	6.40	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	6.67	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	7.07	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	4.55	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	5.65	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	6.46	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	6.74	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	6.98	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	4.85	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	5.71	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	6.43	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	6.75	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	6.87	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	4.55	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	5.64	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	6.46	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	6.85	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	7.02	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	5.21	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	5.77	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	6.53	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	6.76	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	7.02	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	4.99	13	PASS

n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	5.81	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	6.56	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	6.76	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	7.06	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	5.27	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	5.78	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	6.59	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	6.77	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	6.97	13	PASS

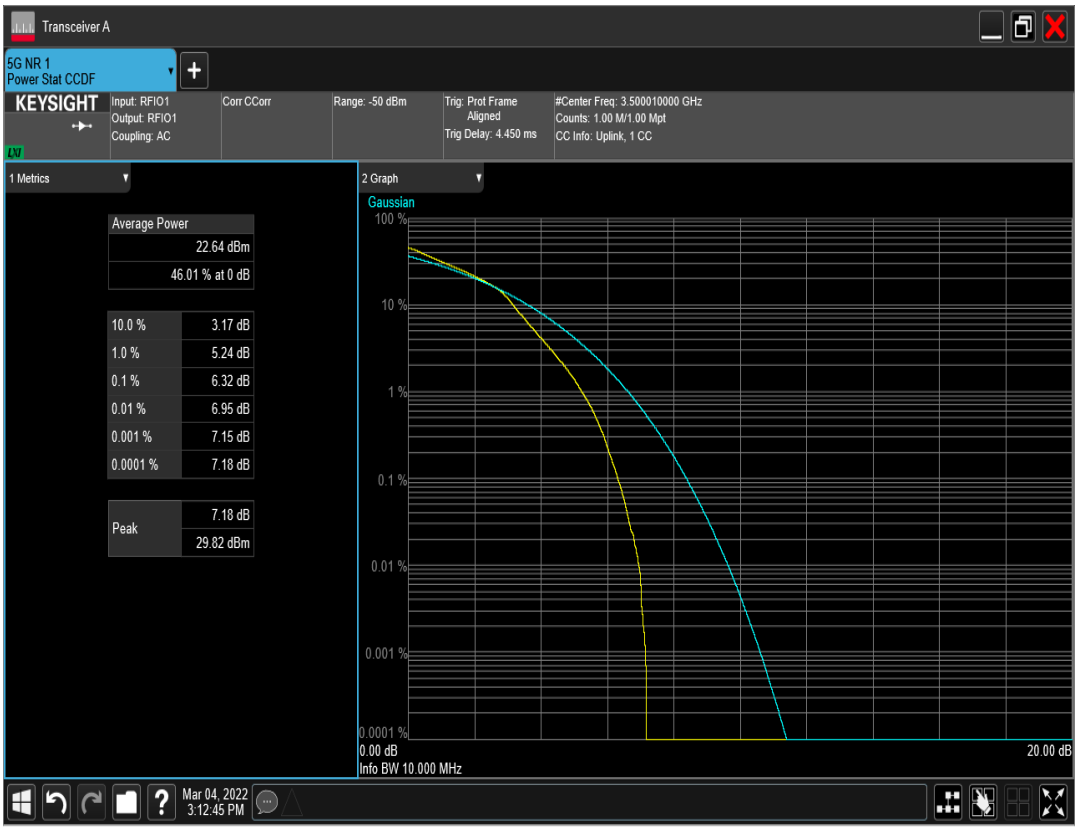
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



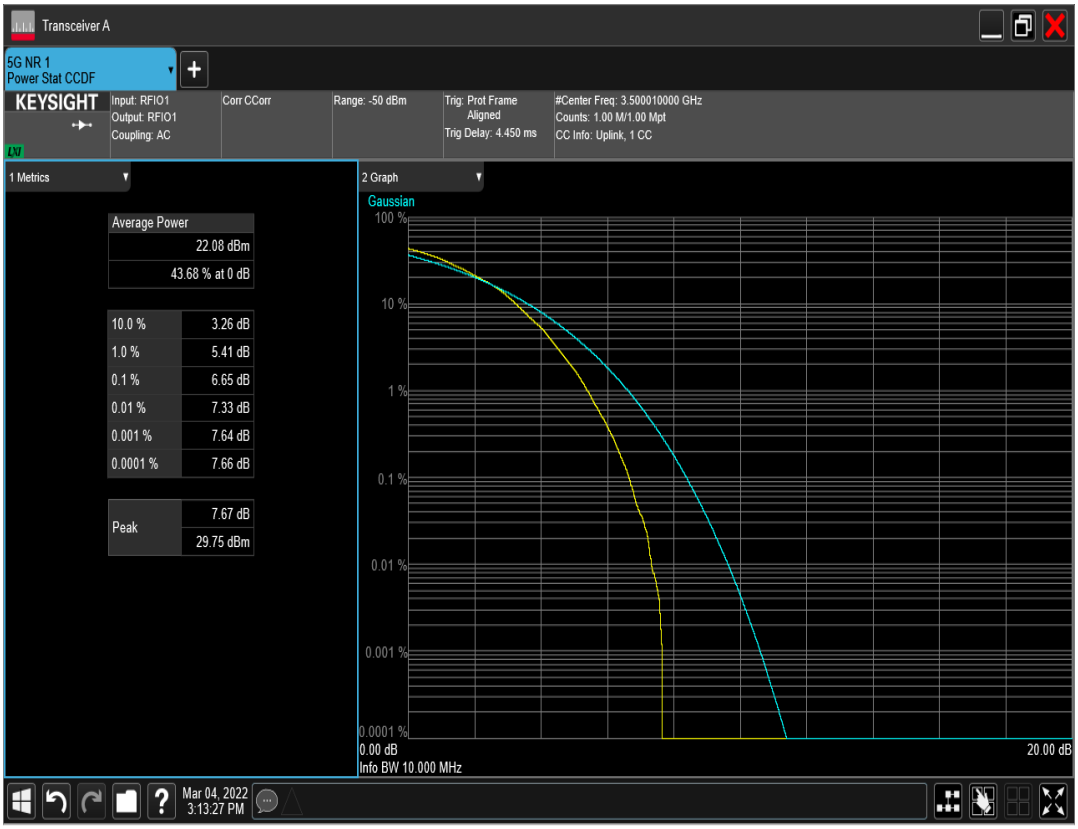
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



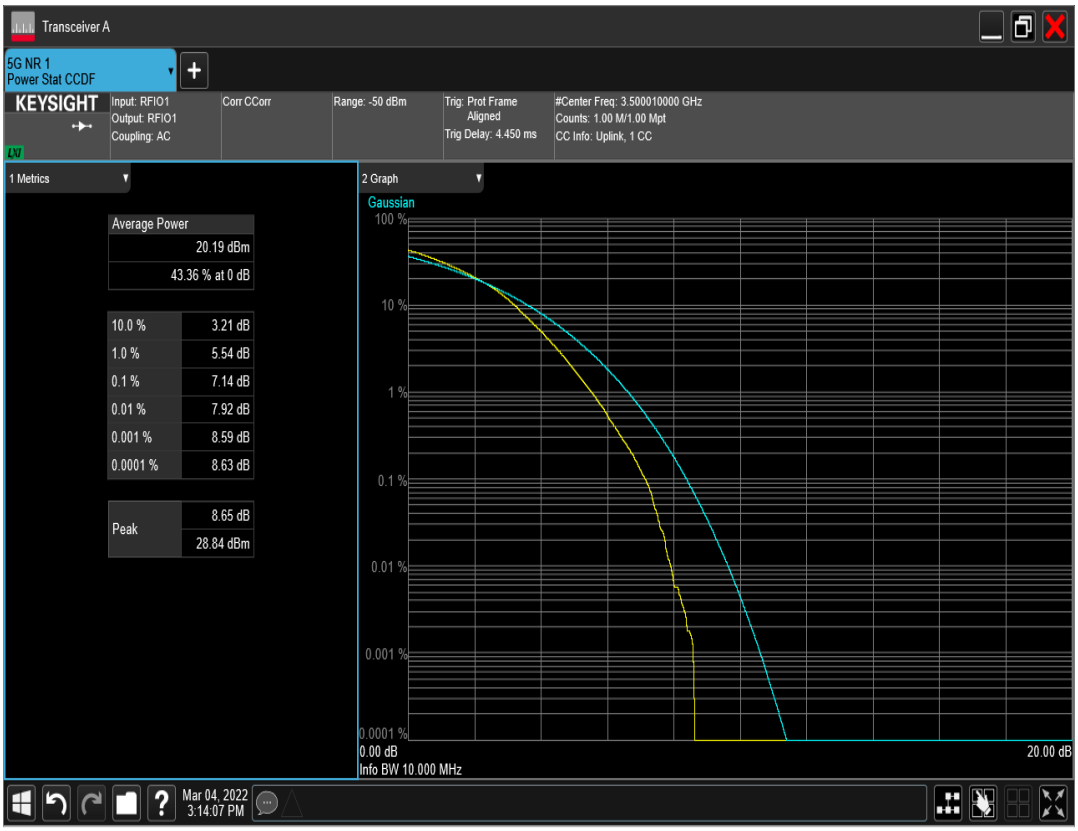
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=633334 RB=24@0



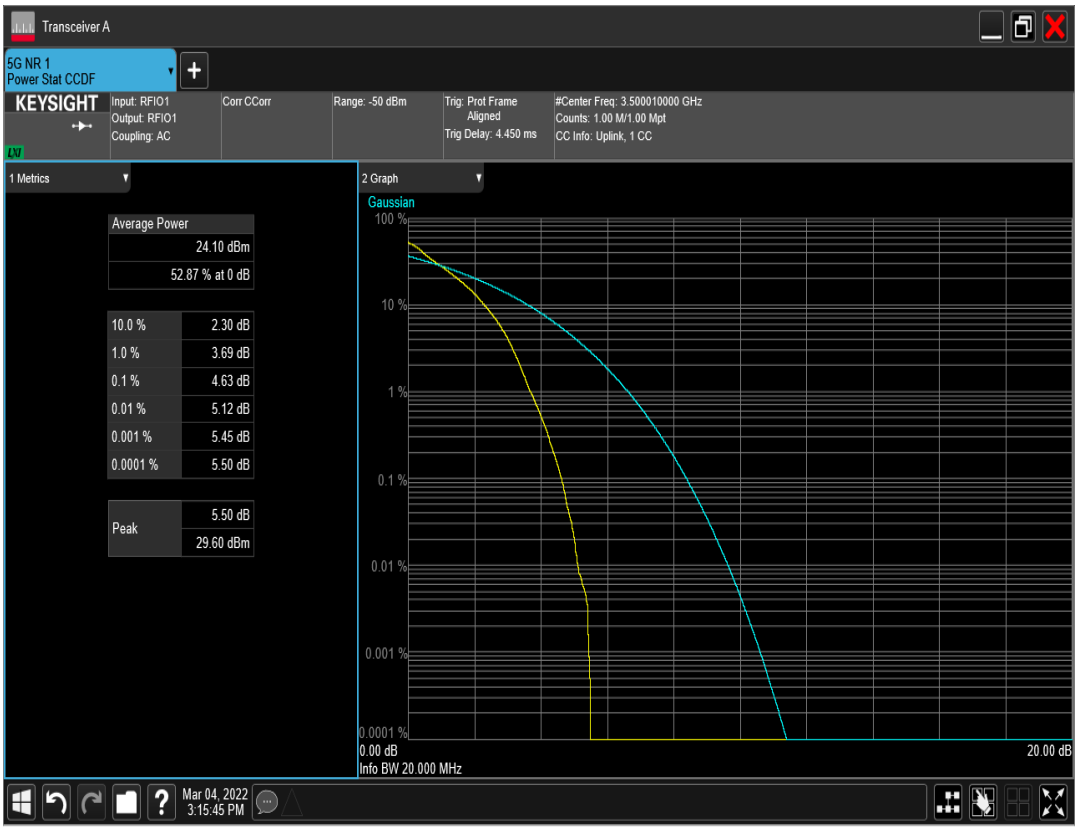
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=633334 RB=24@0



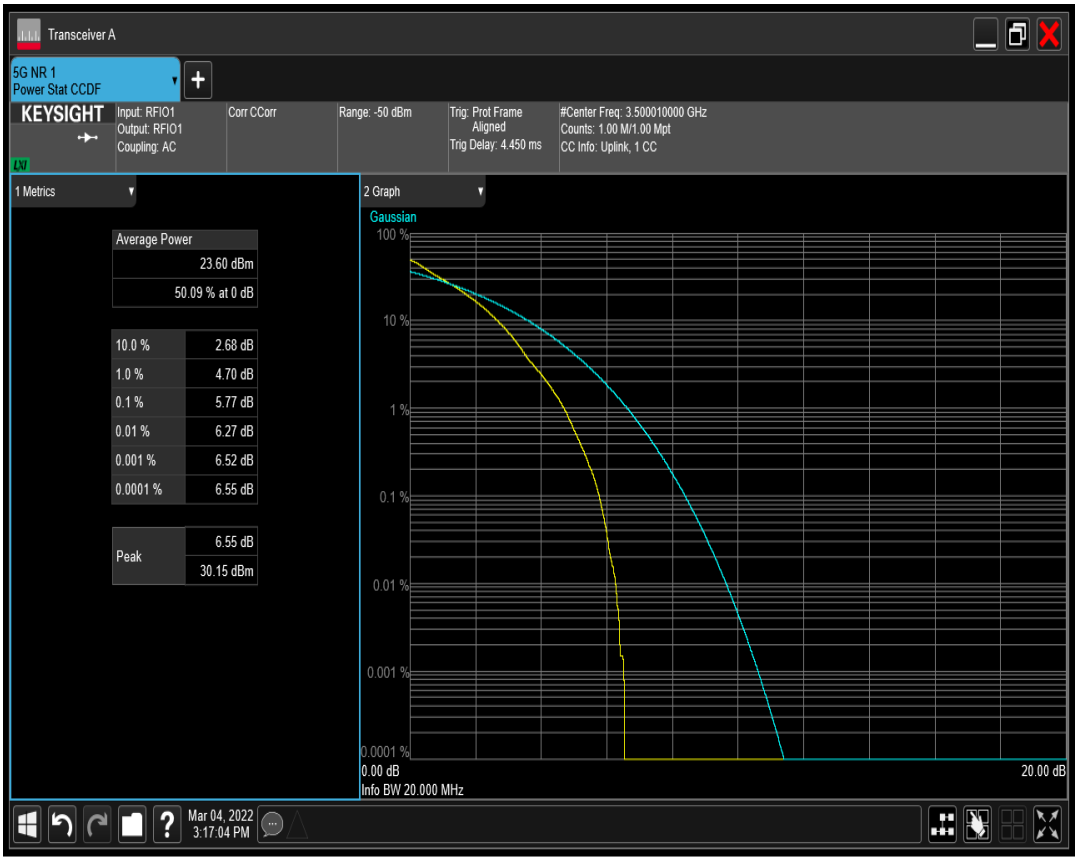
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=633334 RB=24@0



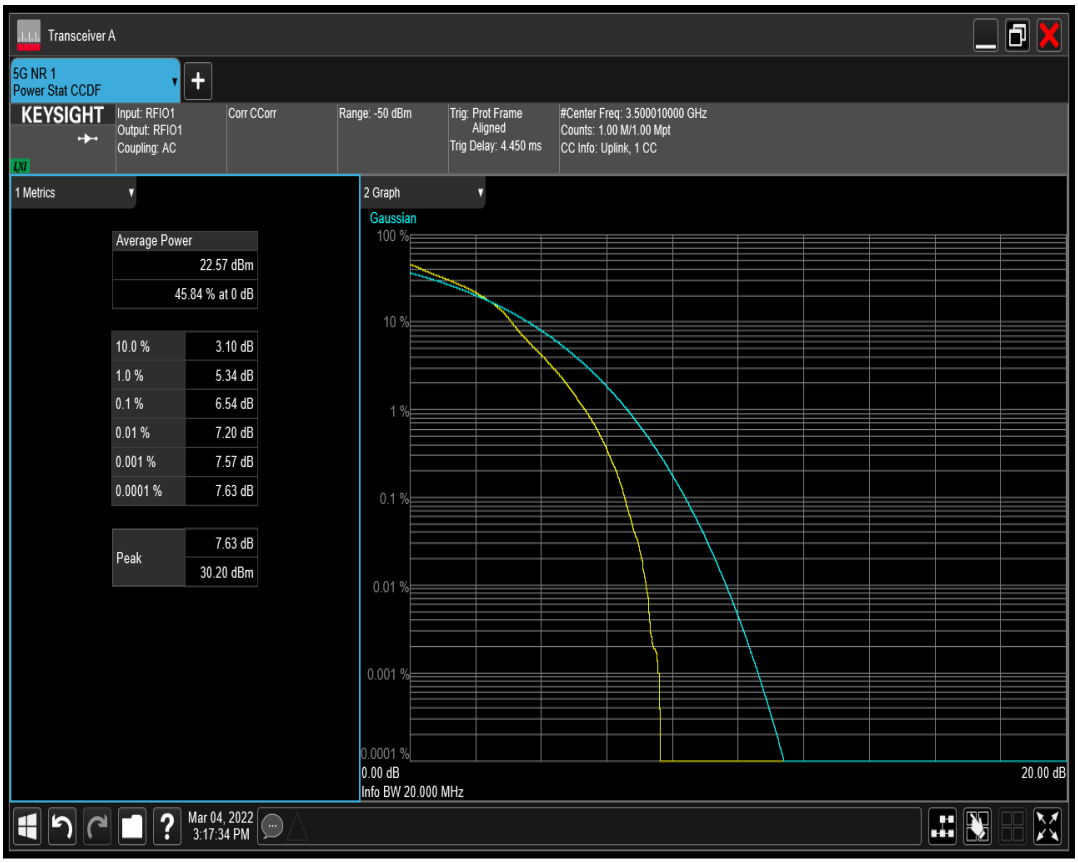
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



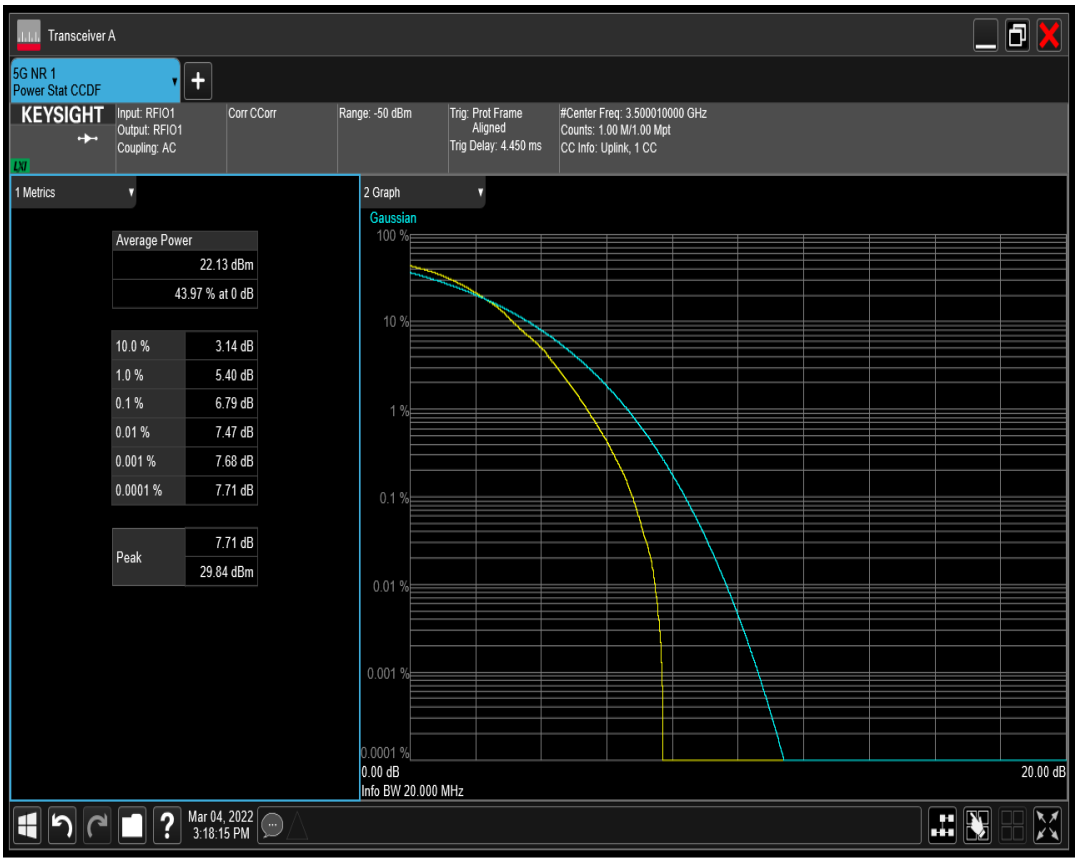
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36@0



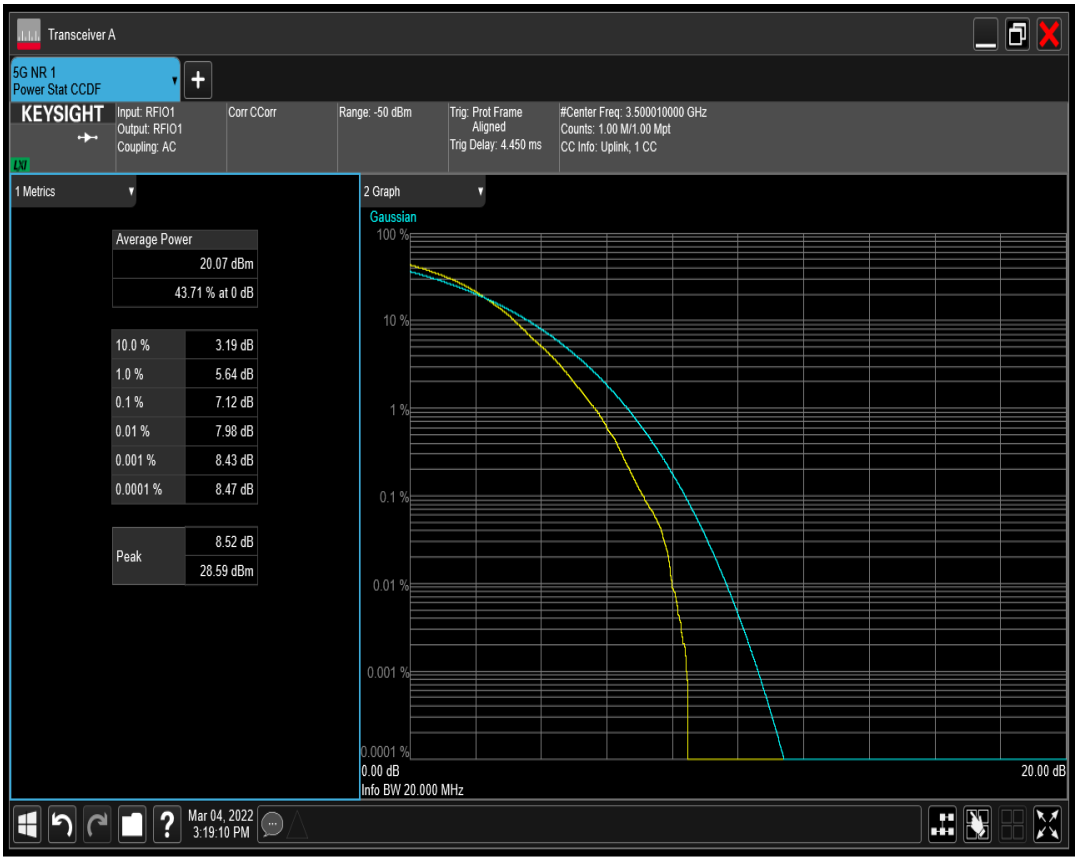
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=633334 RB=36@0



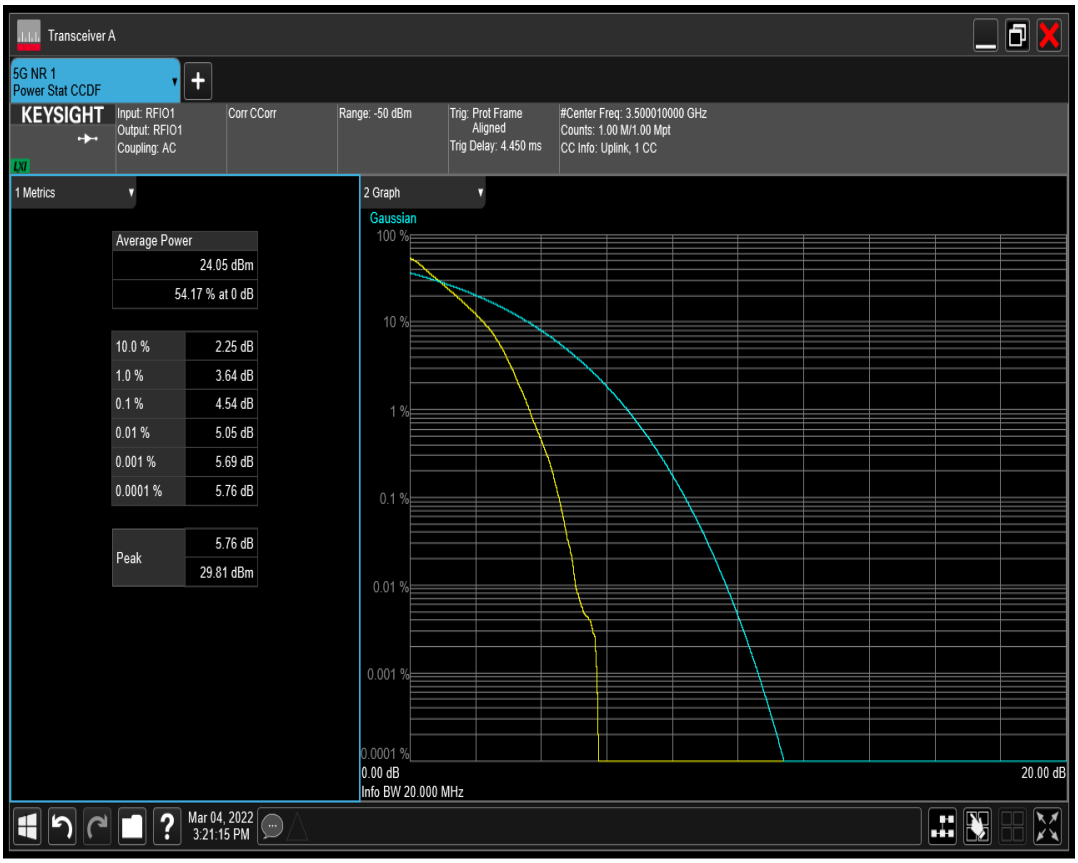
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=633334 RB=36@0



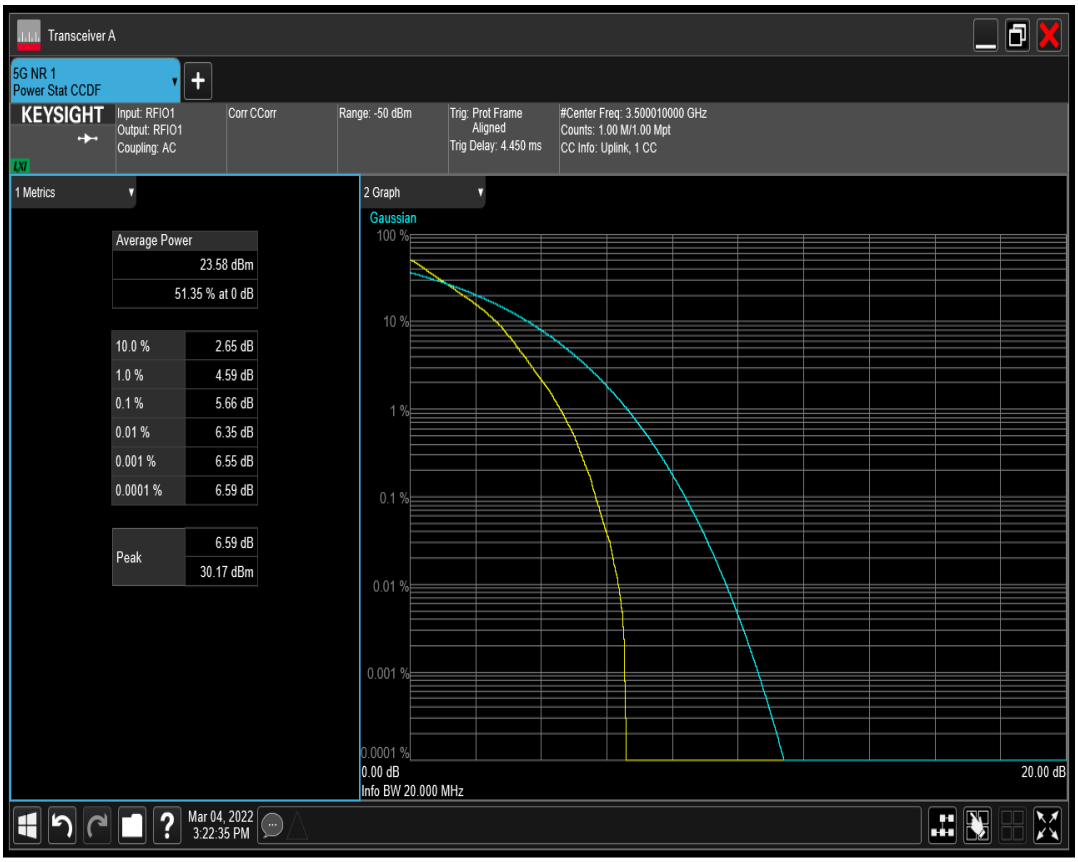
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=633334 RB=36@0



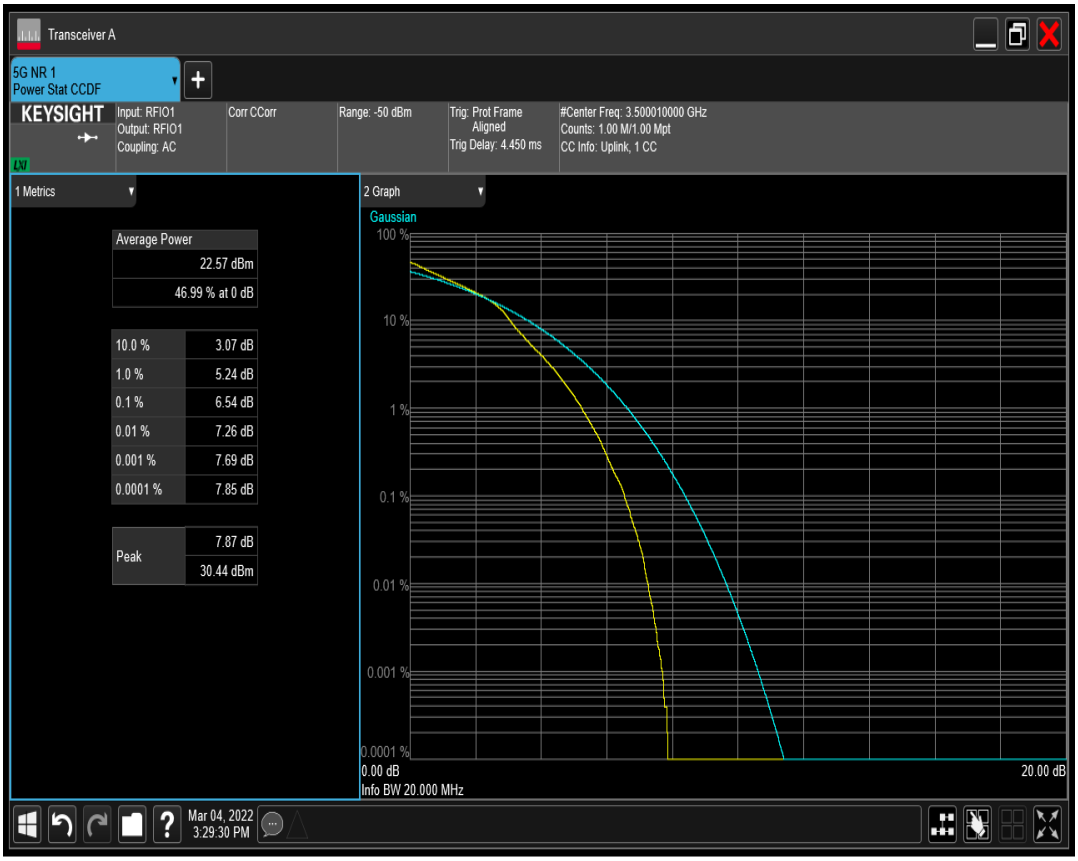
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50@0



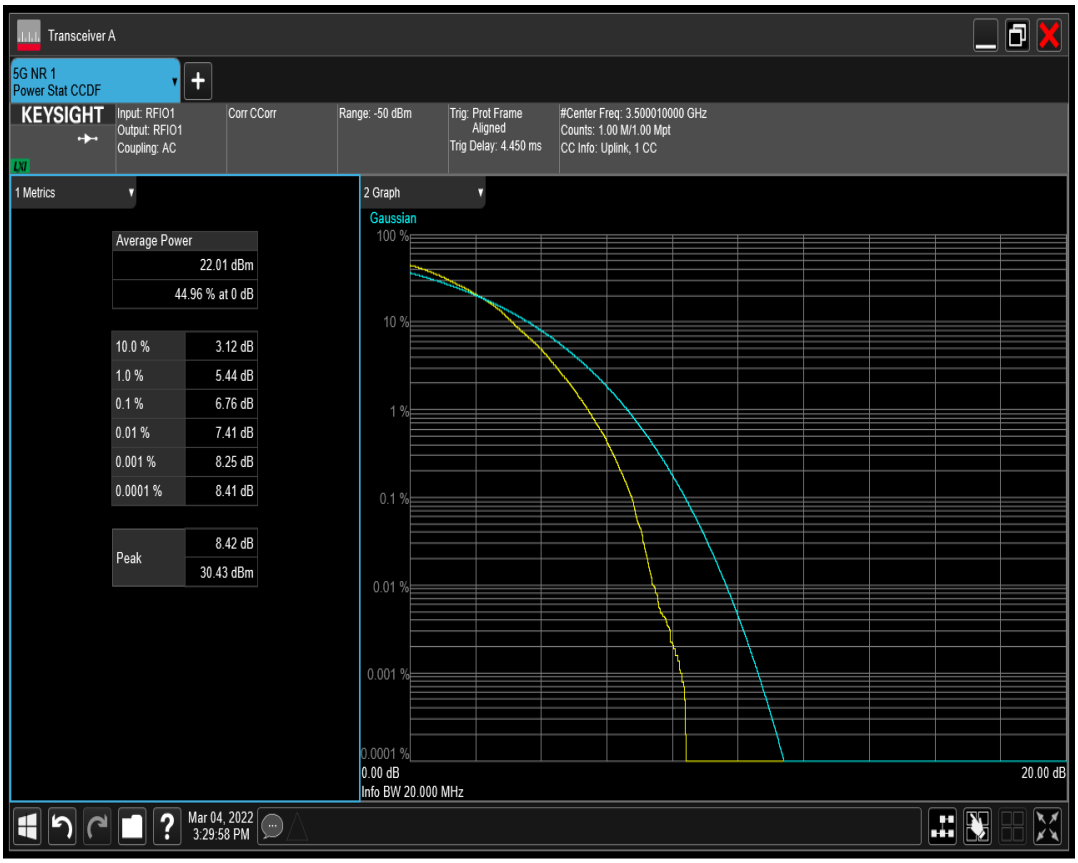
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=50@0



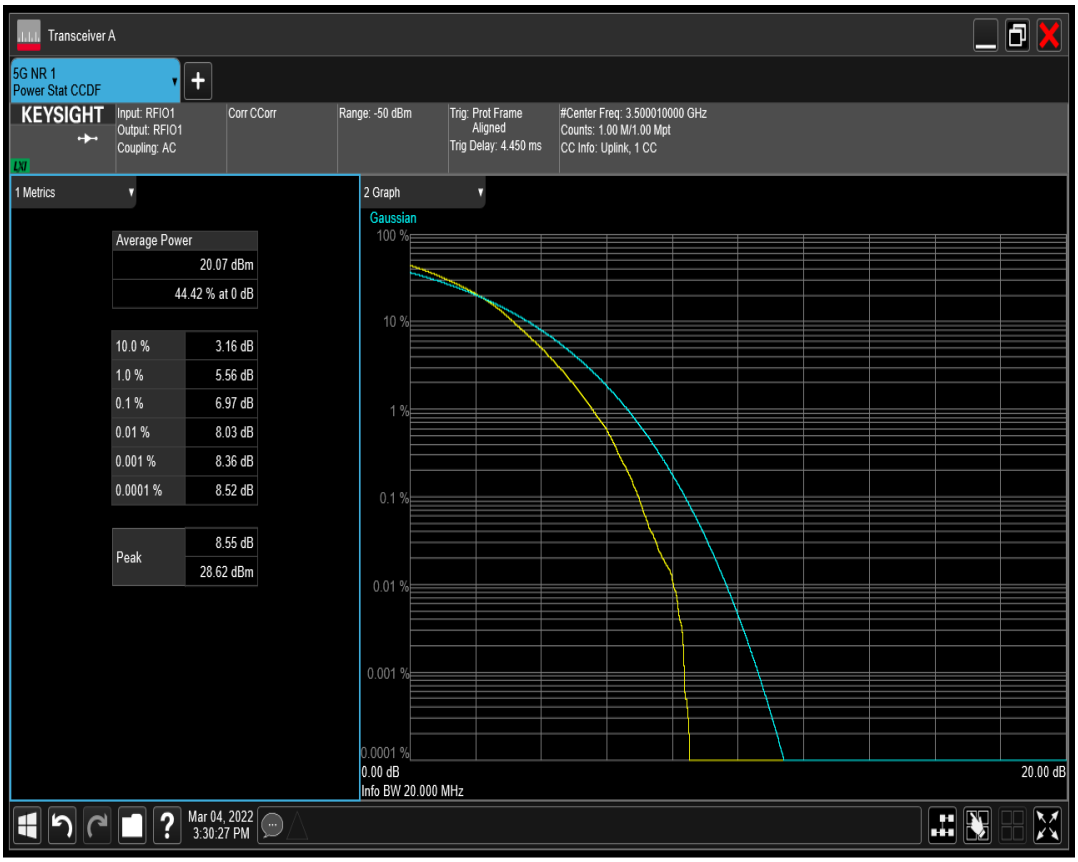
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=633334 RB=50@0



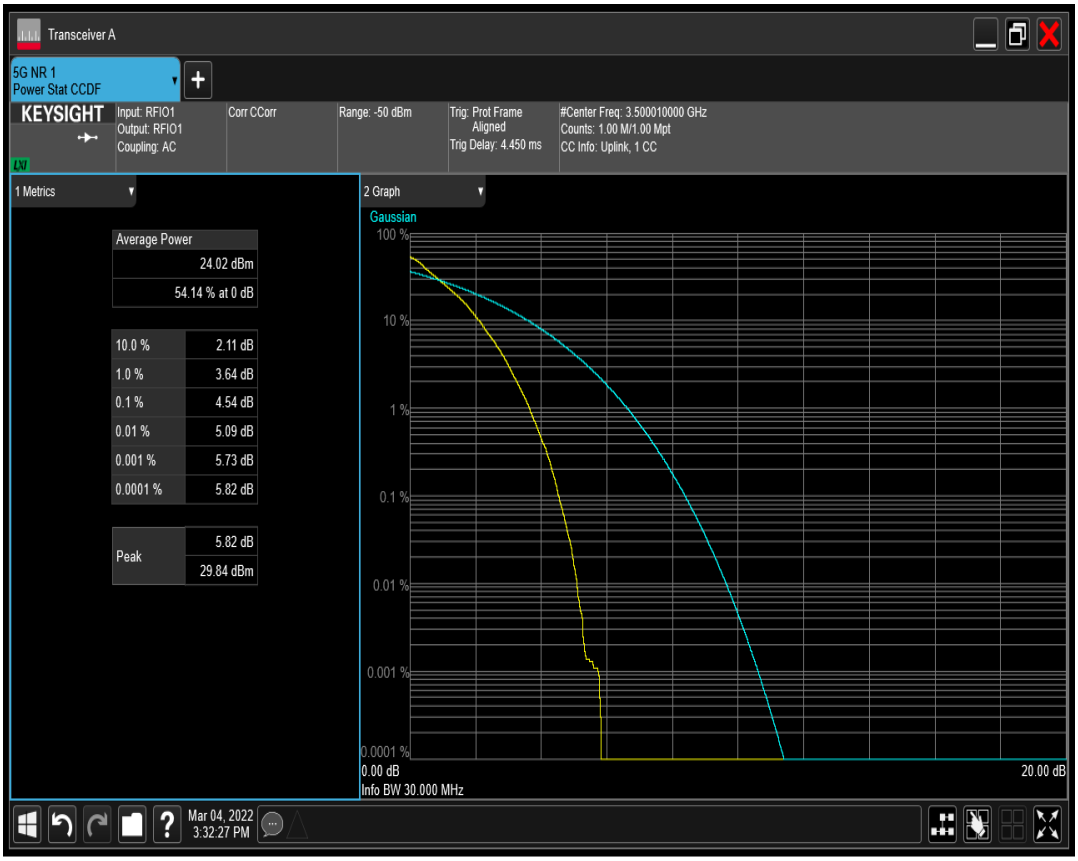
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=20MHz Channel=633334 RB=50@0



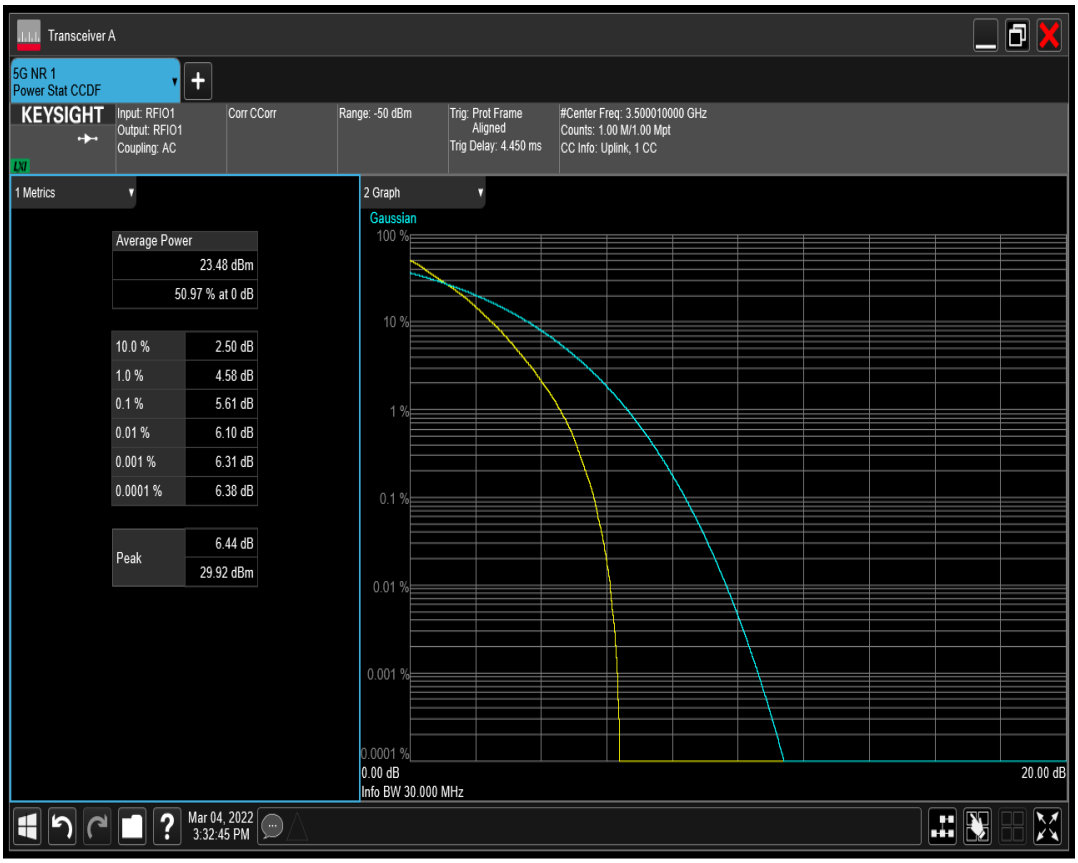
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=633334 RB=50@0



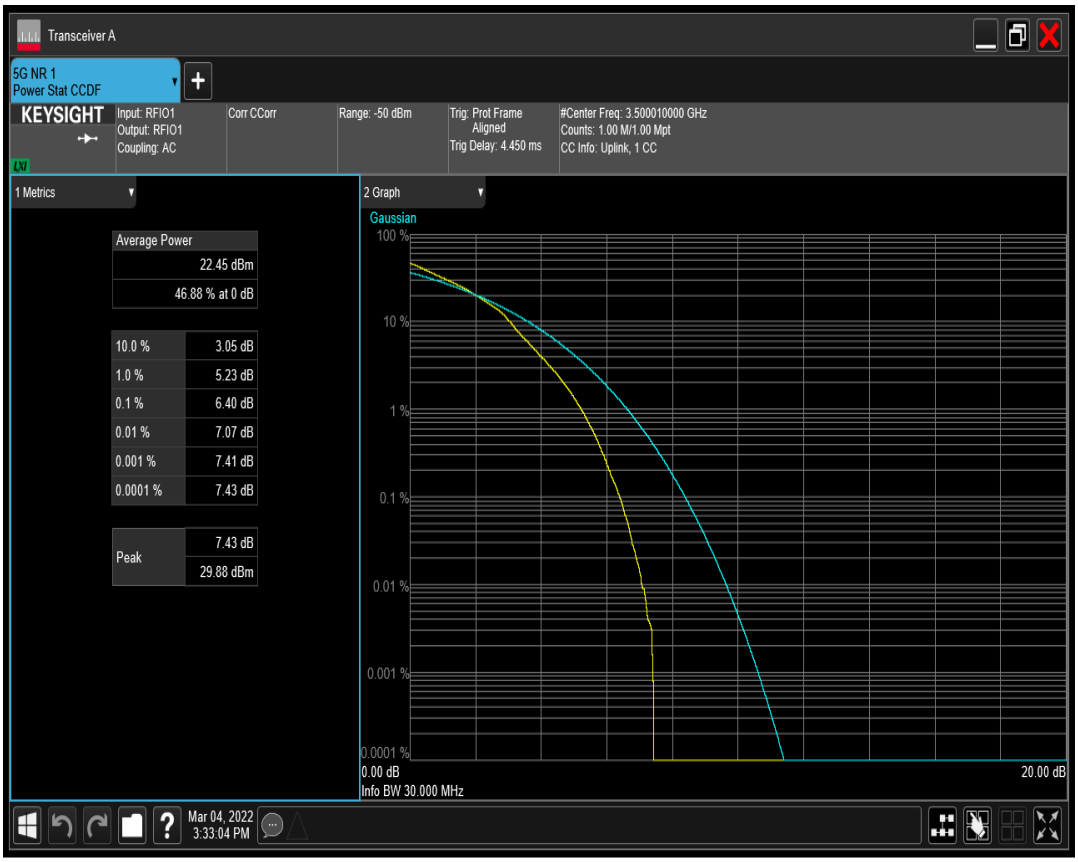
n77(3450-3550) SCS=30kHz DFT_BPSK BW=30MHz Channel=633334 RB=75@0



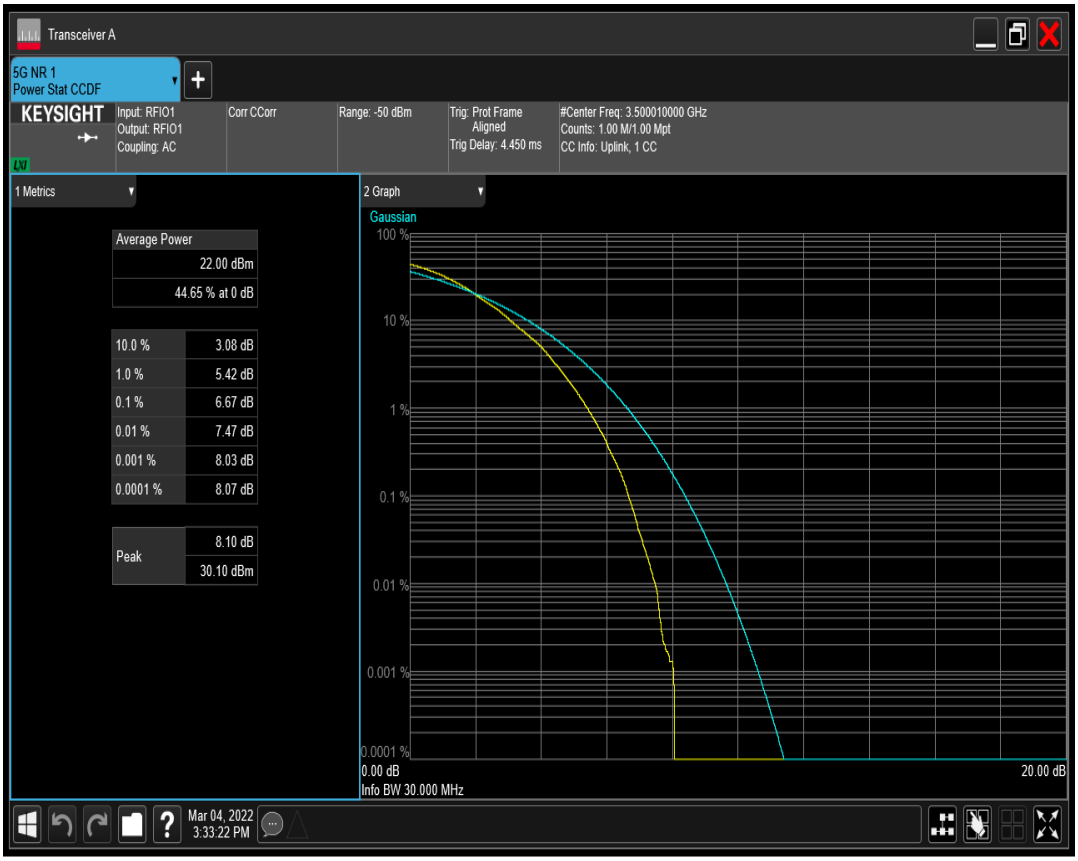
n77(3450-3550) SCS=30kHz DFT_QPSK BW=30MHz Channel=633334 RB=75@0



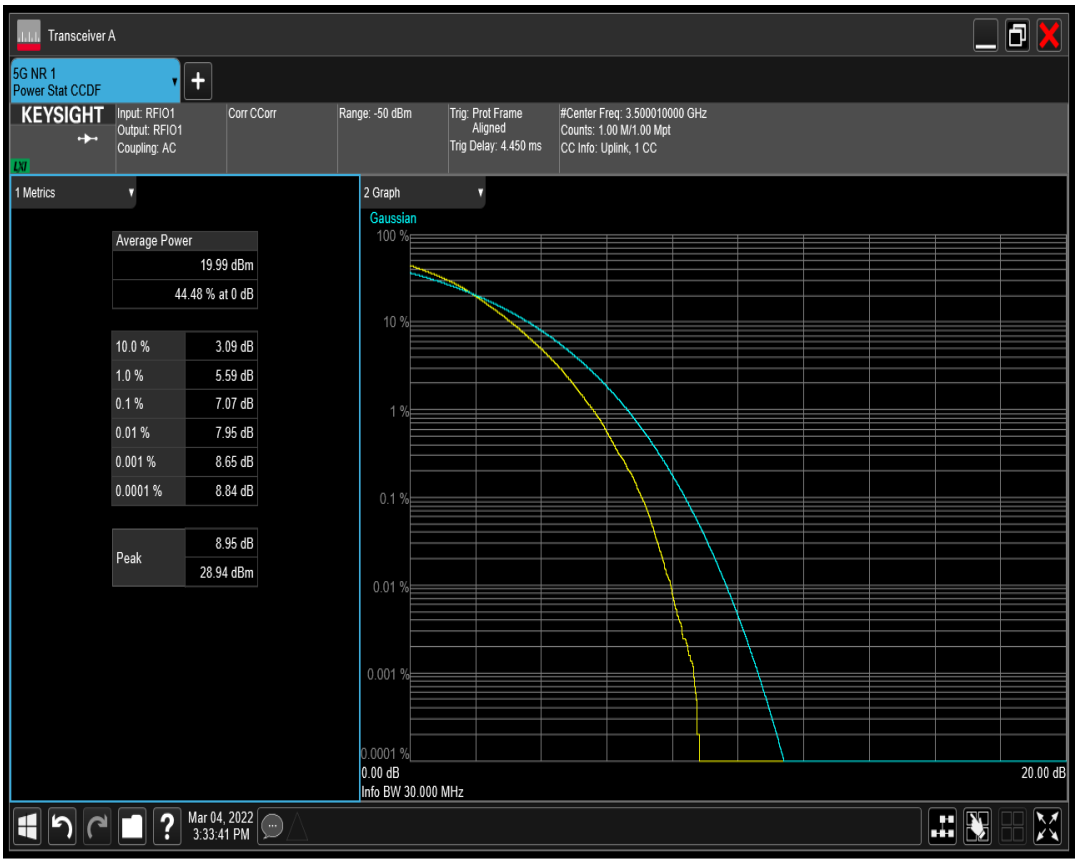
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=30MHz Channel=633334 RB=75@0



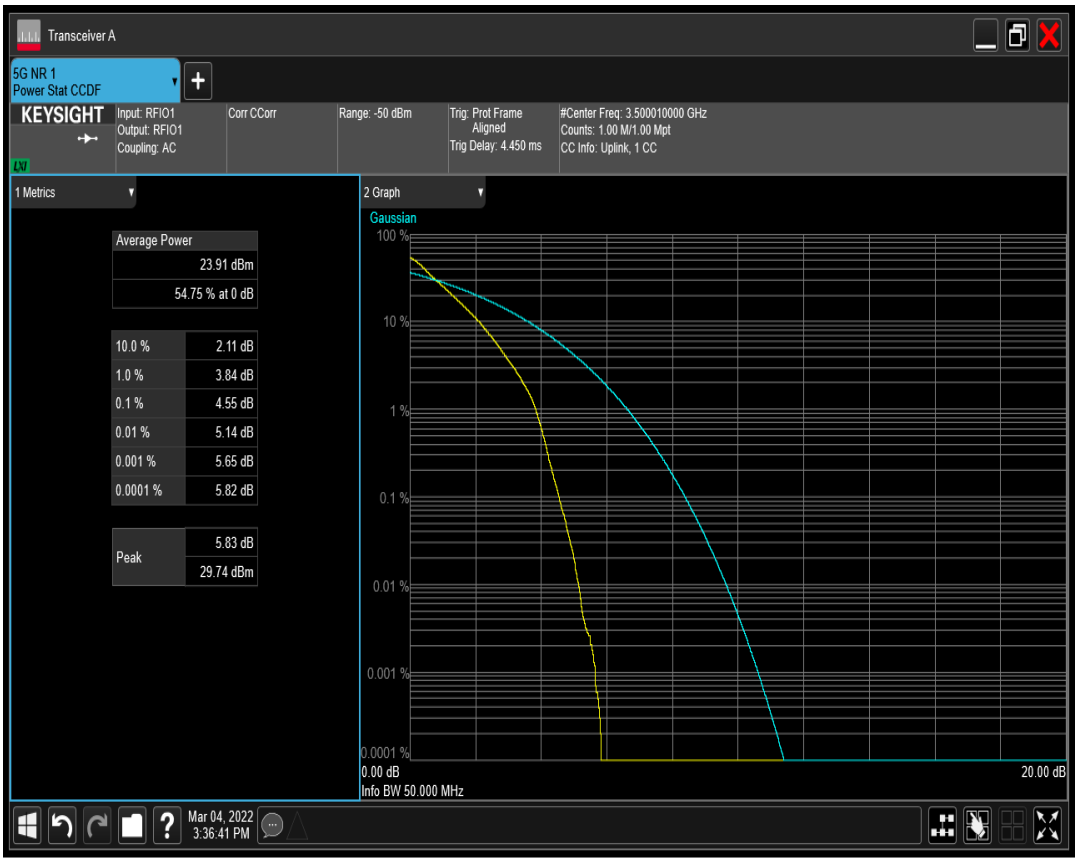
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=30MHz Channel=633334 RB=75@0



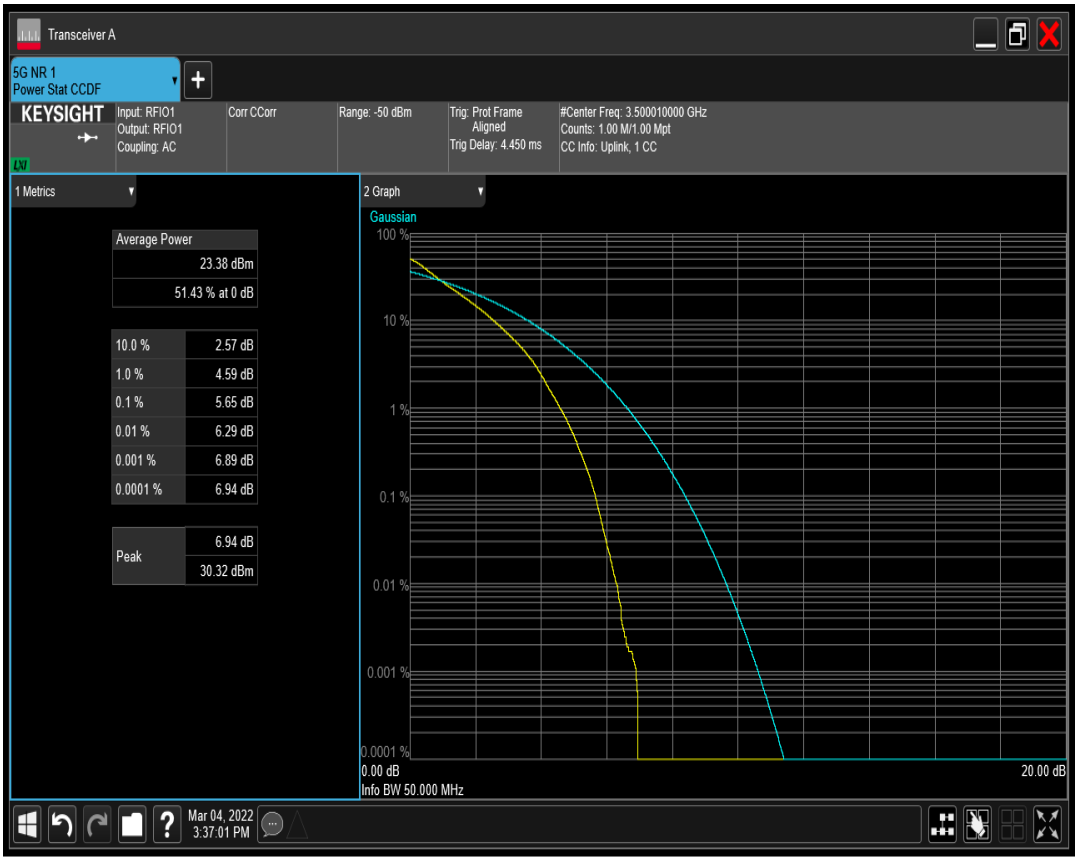
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=30MHz Channel=633334 RB=75@0



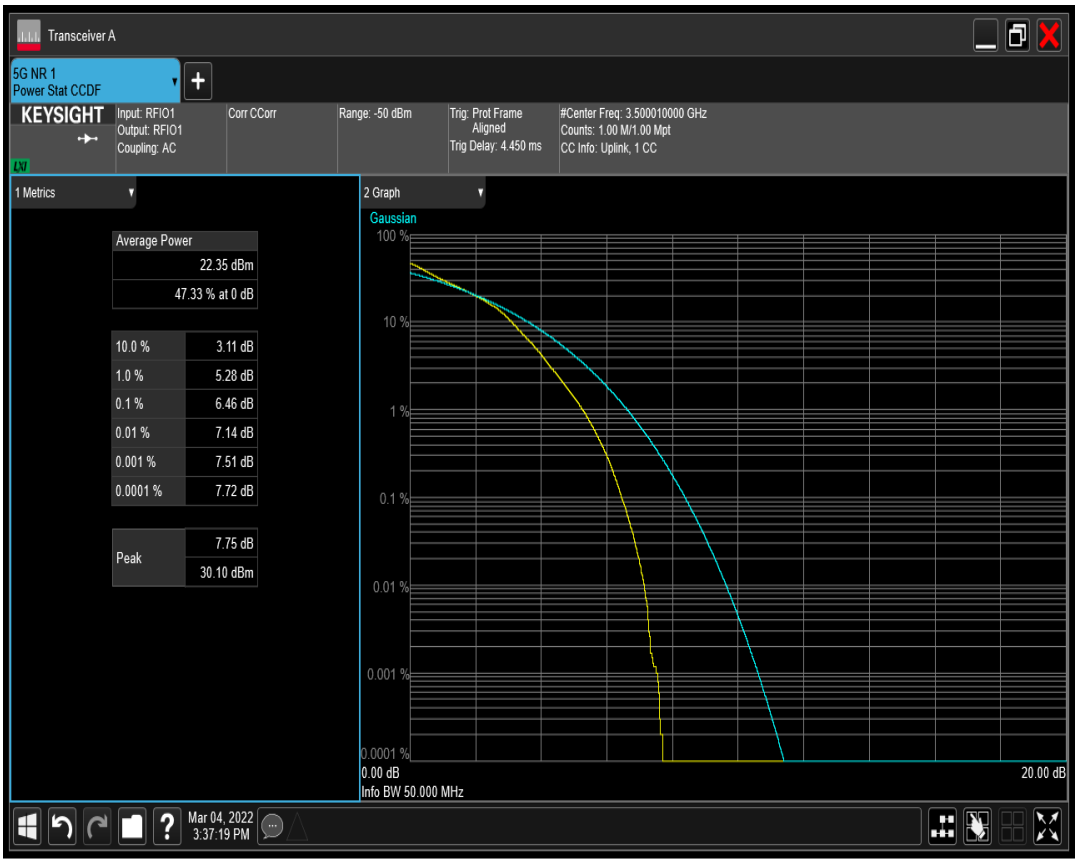
n77(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz Channel=633334 RB=100@0



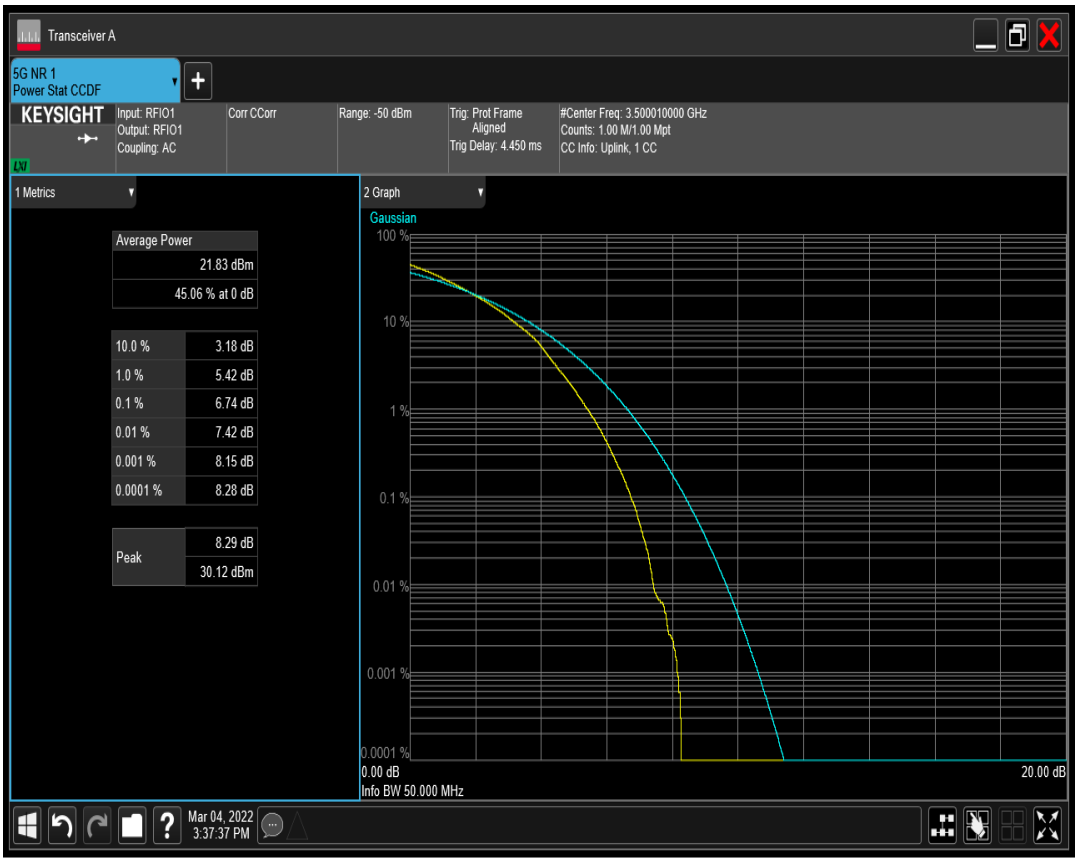
n77(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=633334 RB=100@0



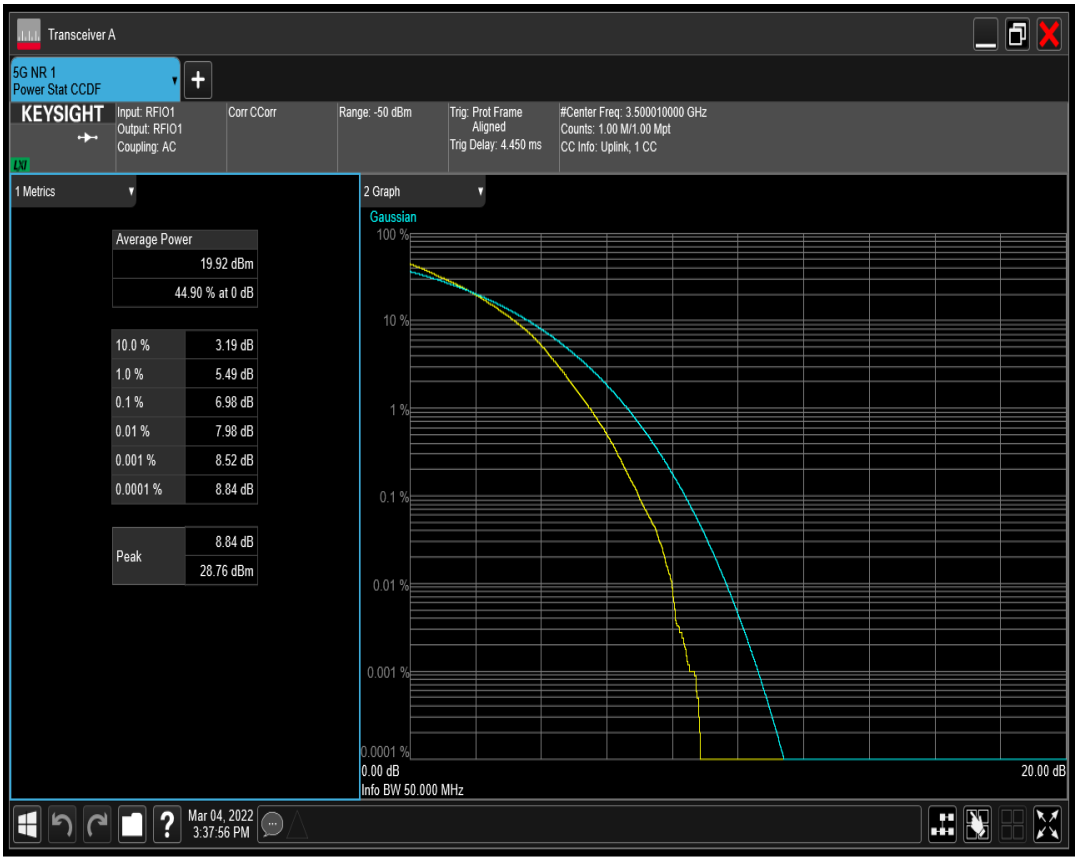
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=40MHz Channel=633334 RB=100@0



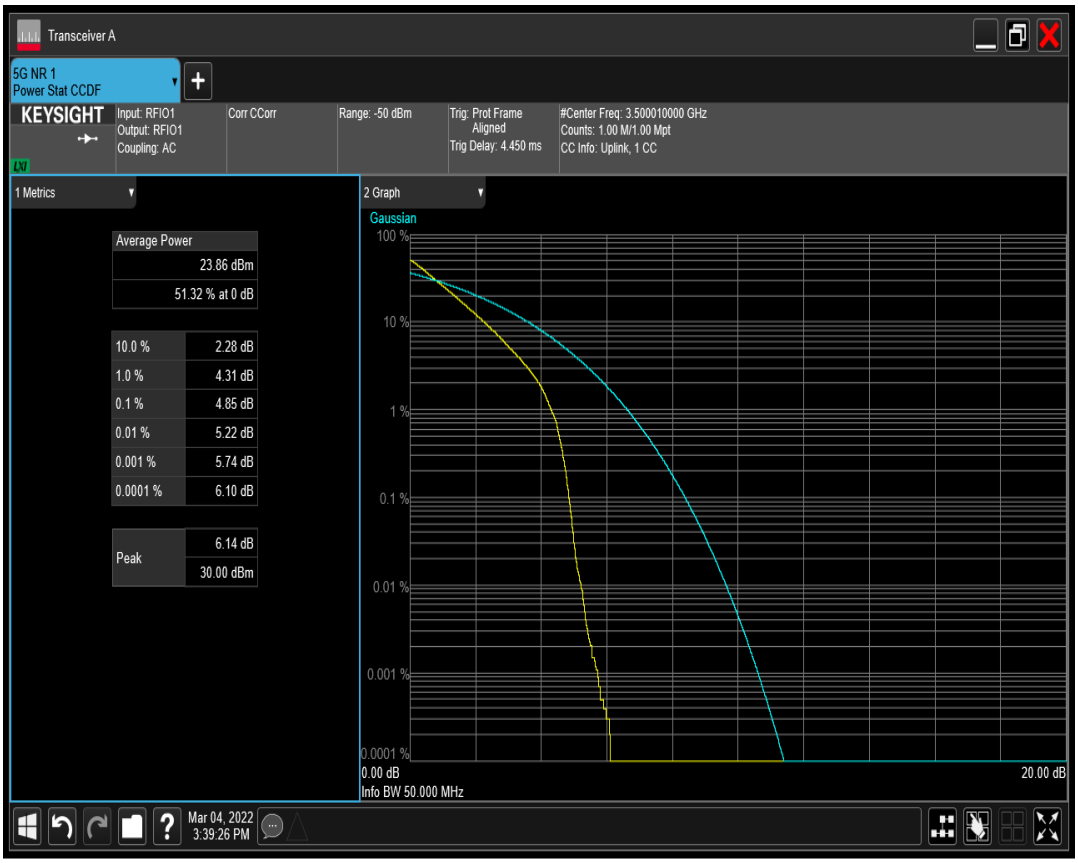
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=40MHz Channel=633334 RB=100@0



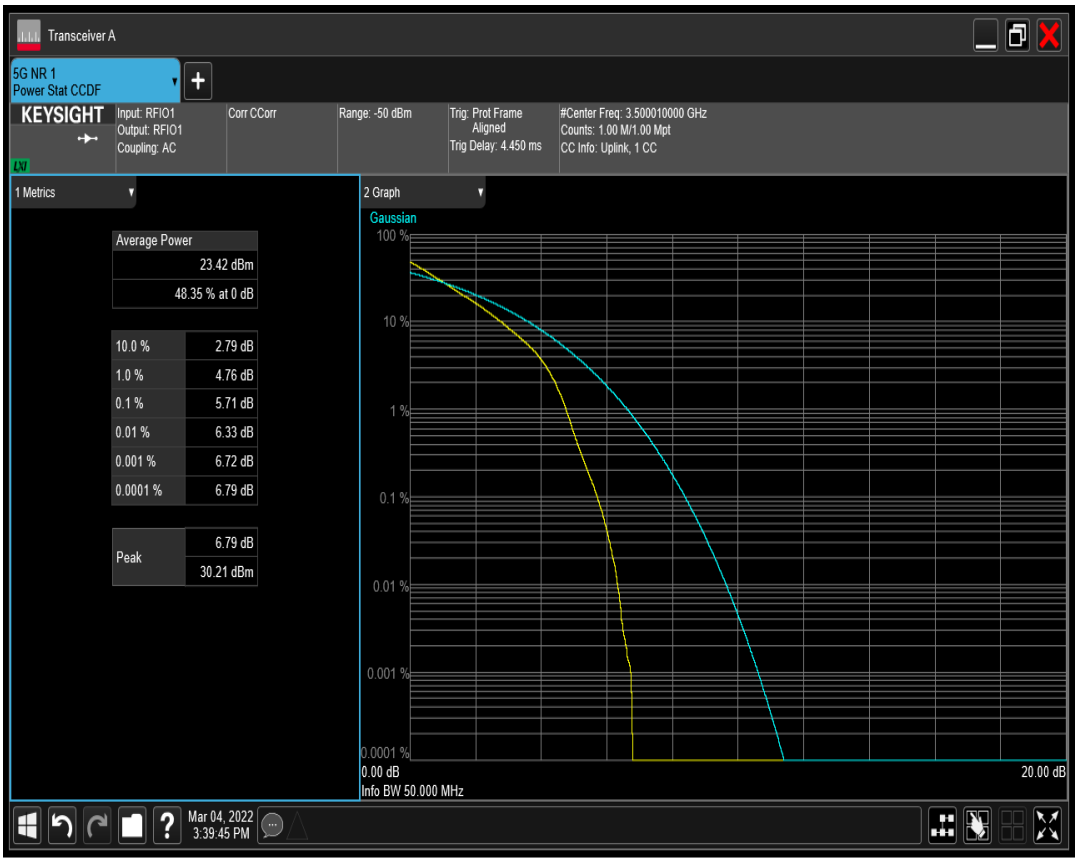
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=40MHz Channel=633334 RB=100@0



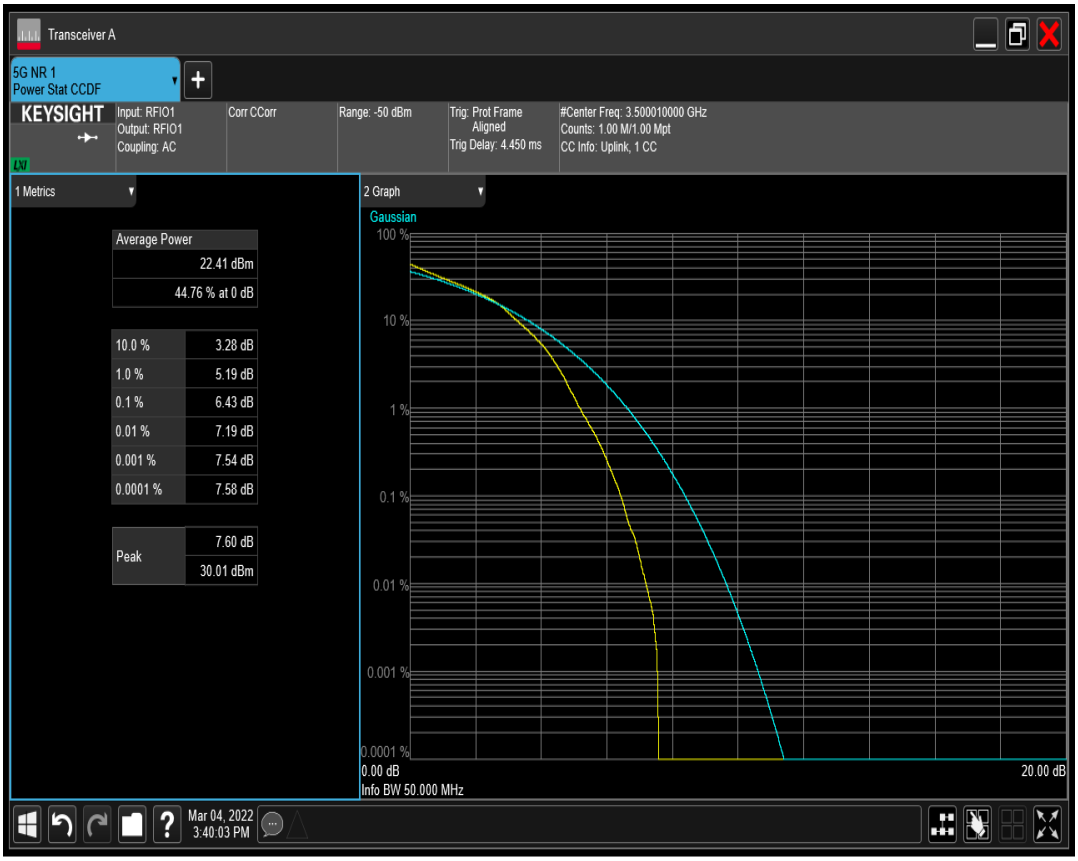
n77(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=633334 RB=128@0



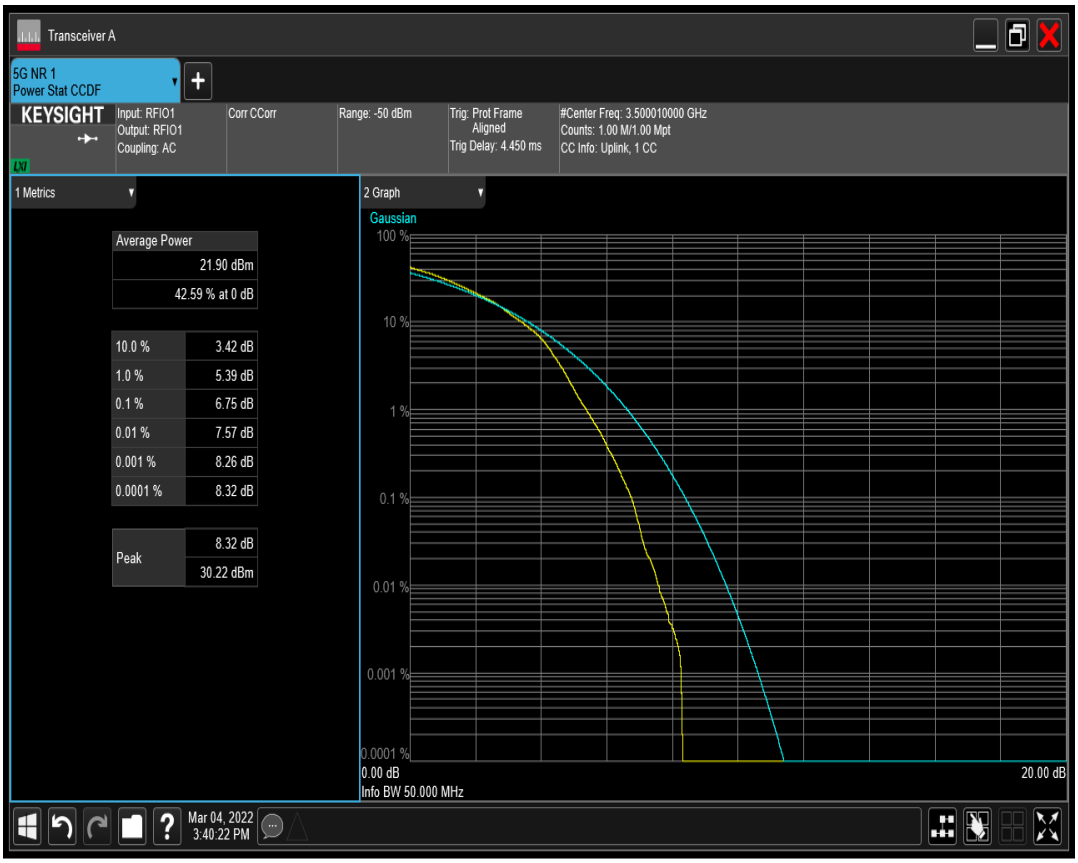
n77(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=633334 RB=128@0



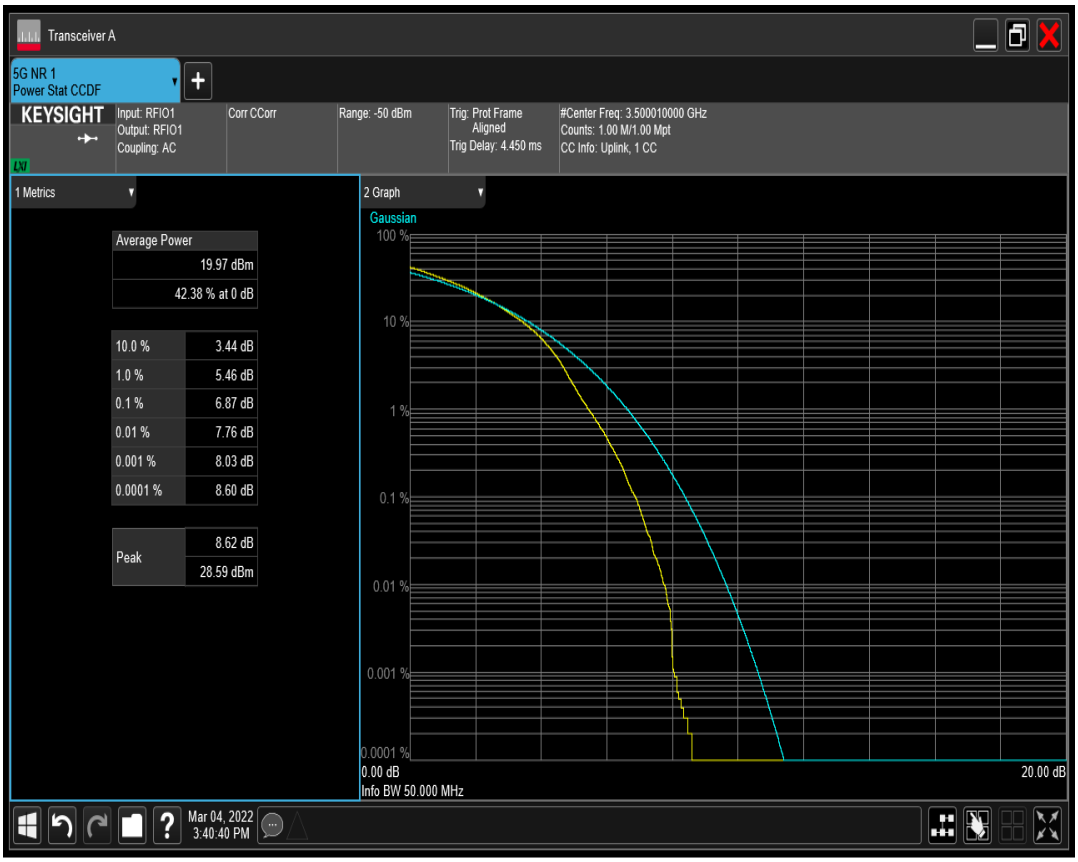
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=50MHz Channel=633334 RB=128@0



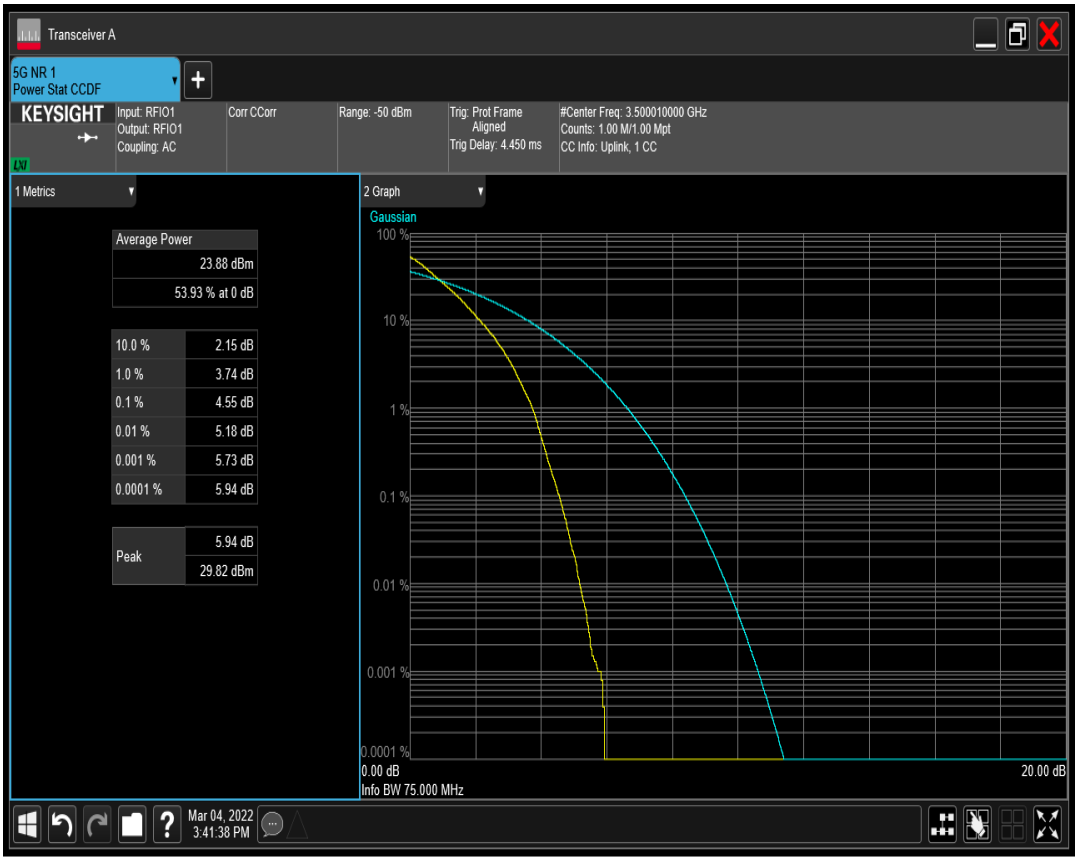
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=633334 RB=128@0



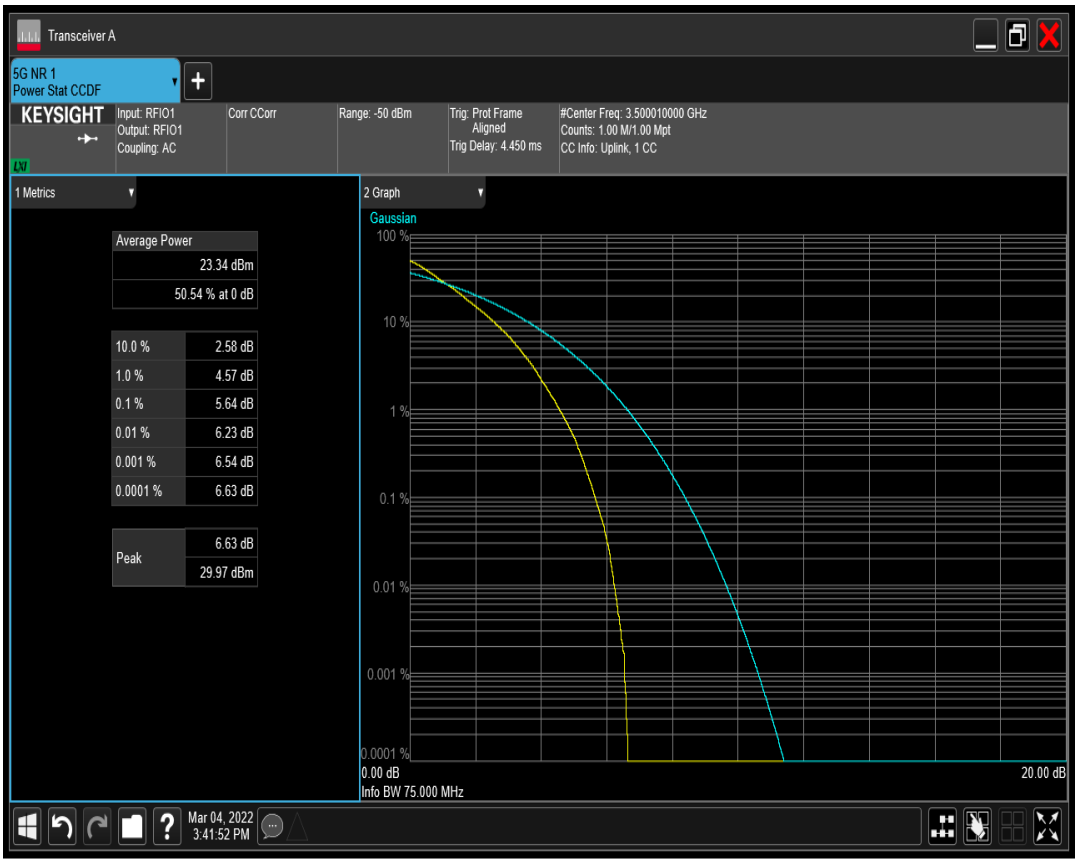
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=50MHz Channel=633334 RB=128@0



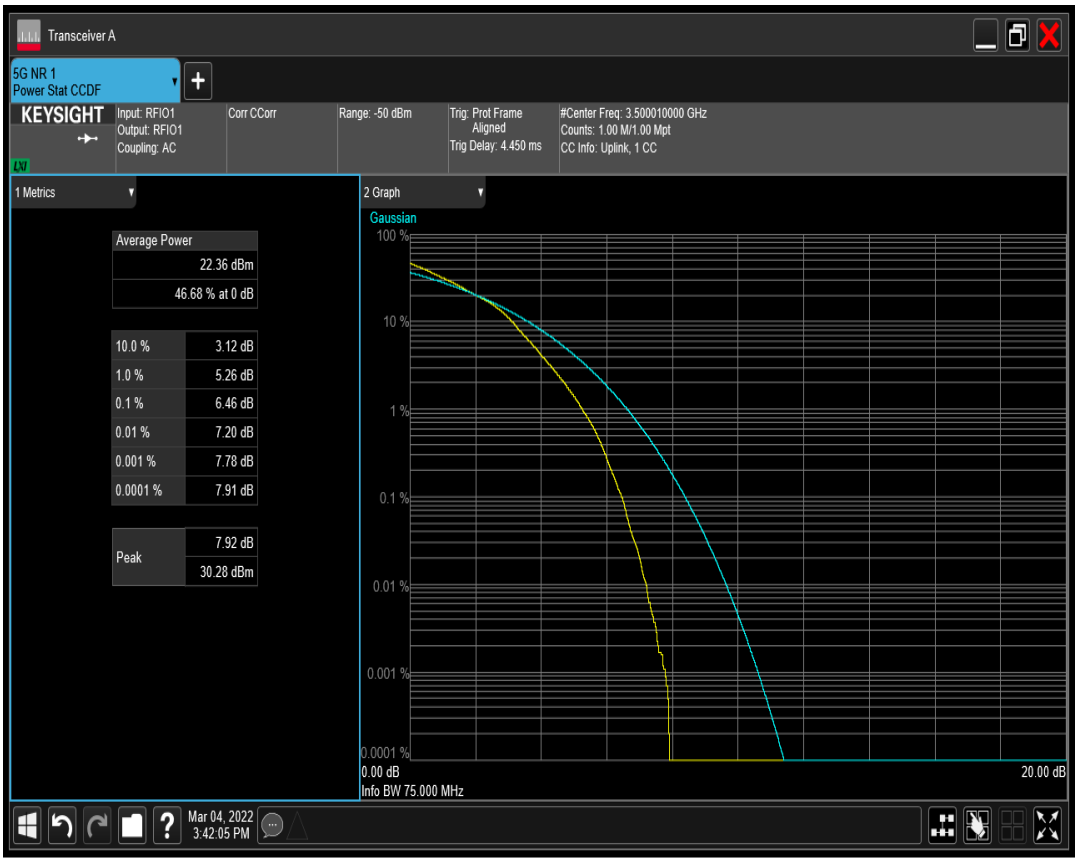
n77(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=633334 RB=162@0



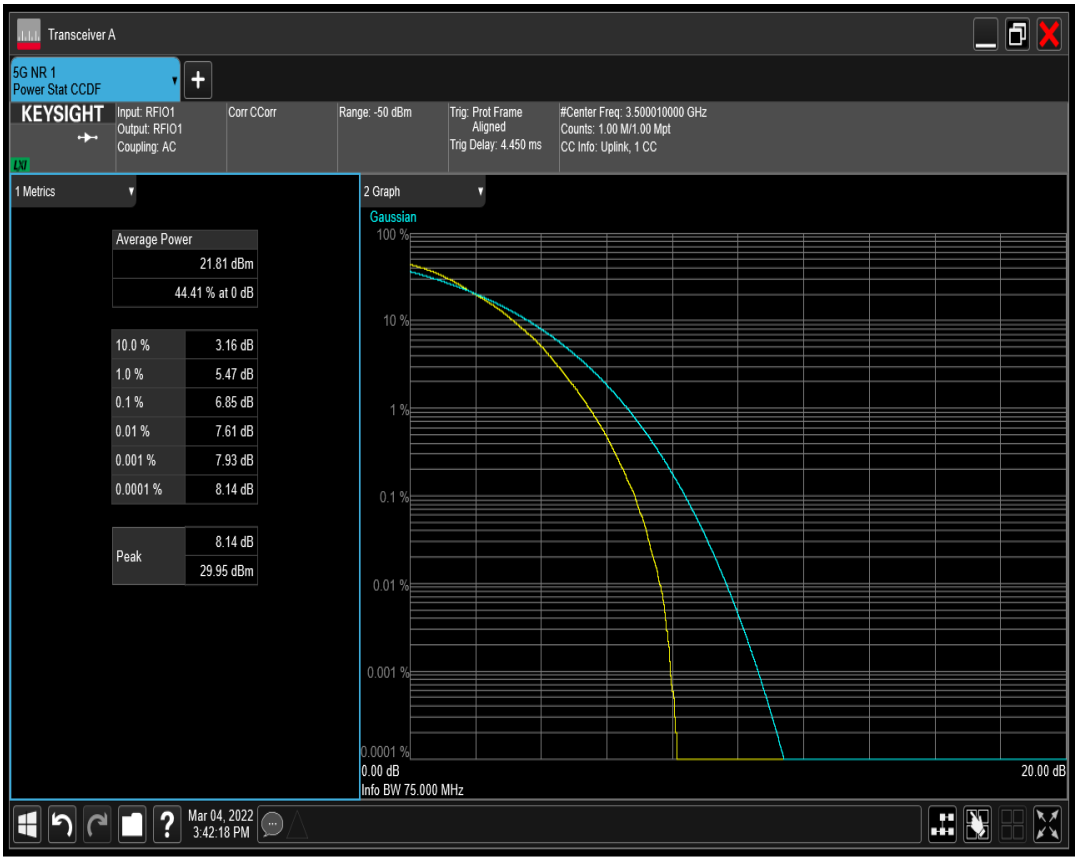
n77(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=633334 RB=162@0



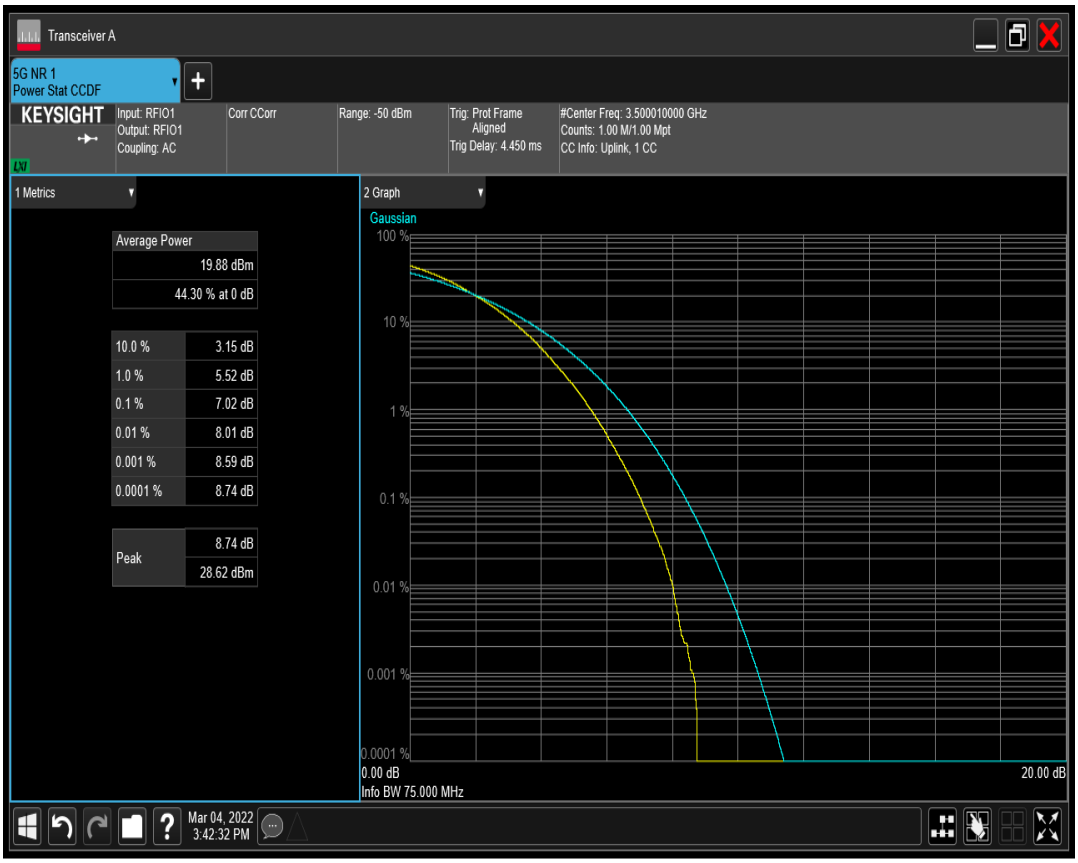
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=60MHz Channel=633334 RB=162@0



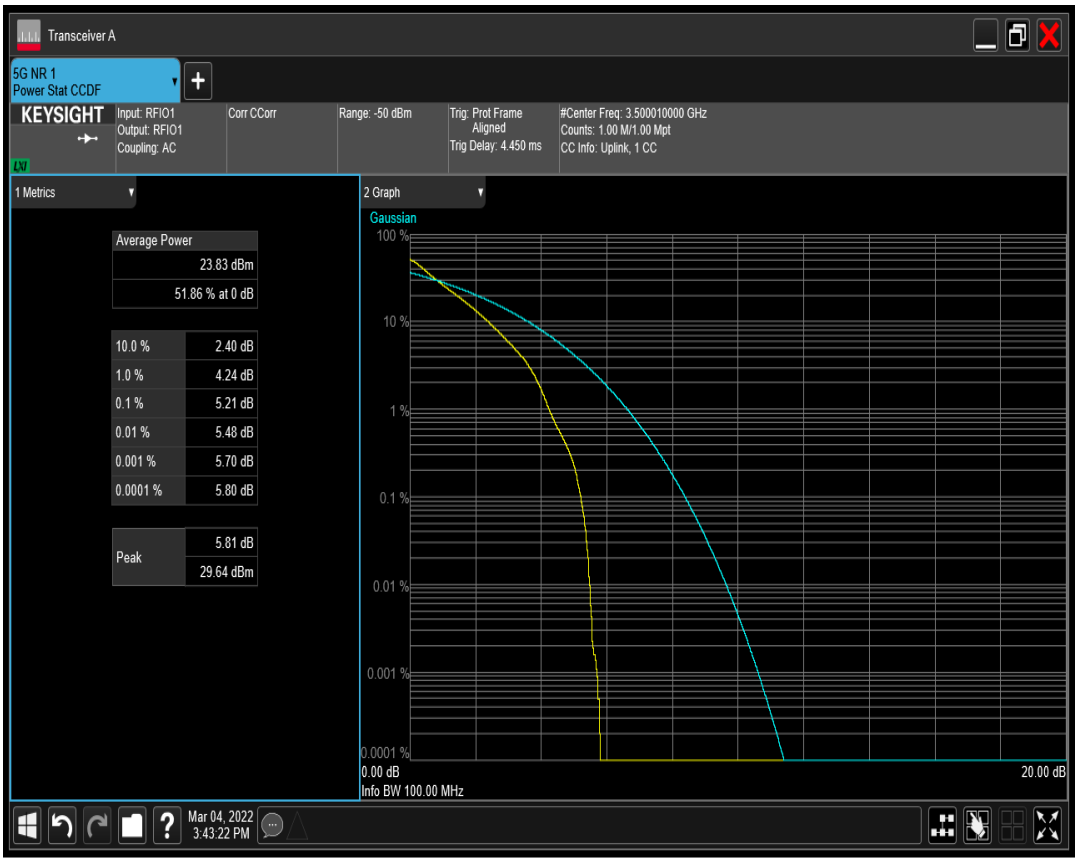
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=633334 RB=162@0



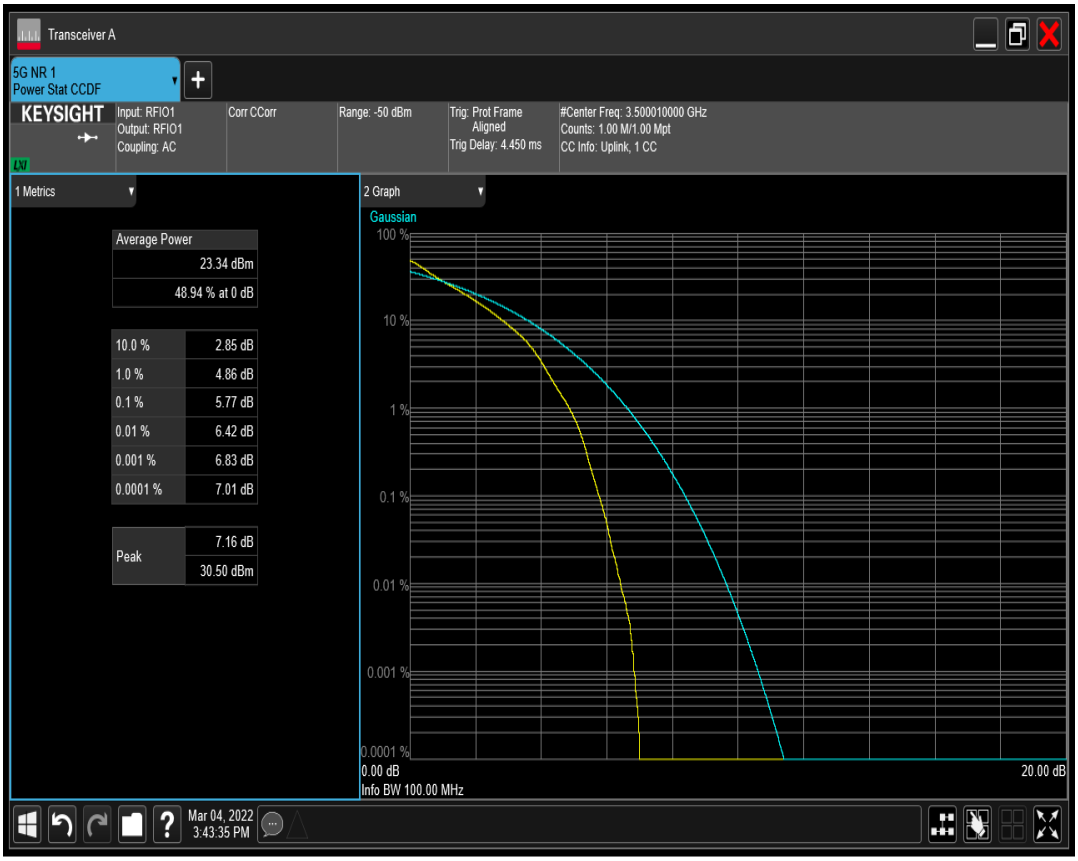
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=60MHz Channel=633334 RB=162@0



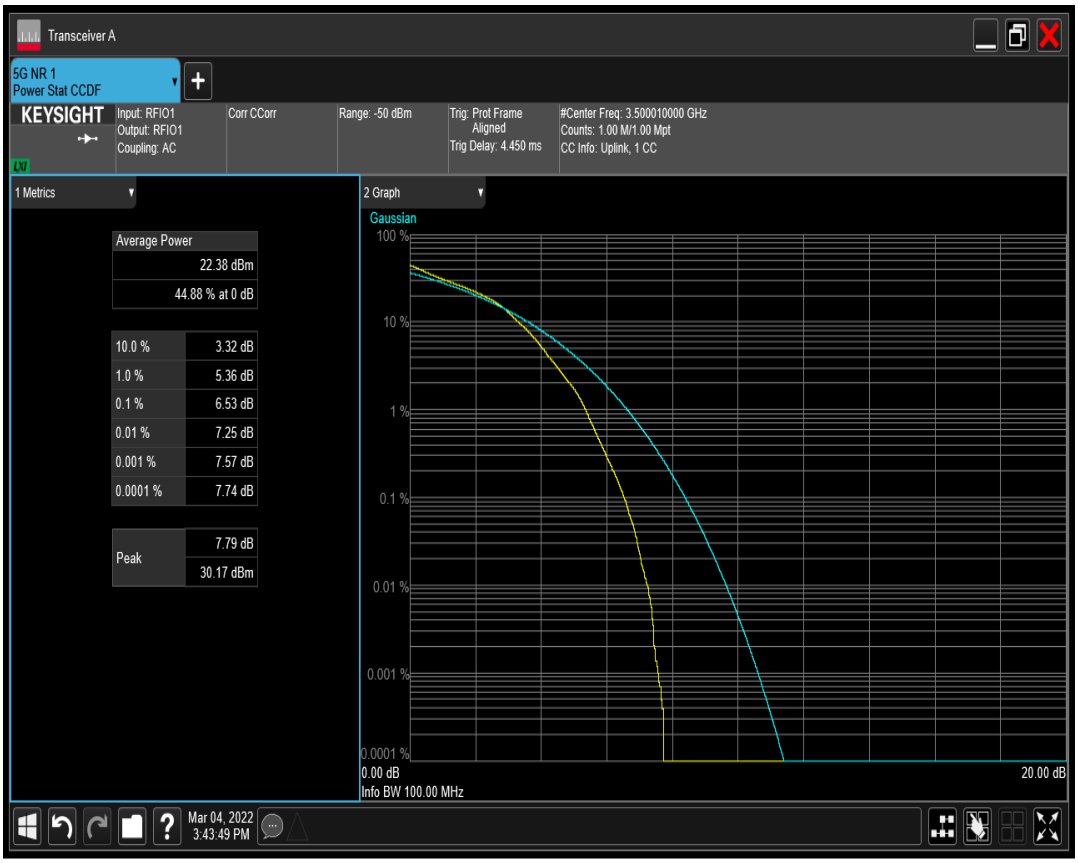
n77(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



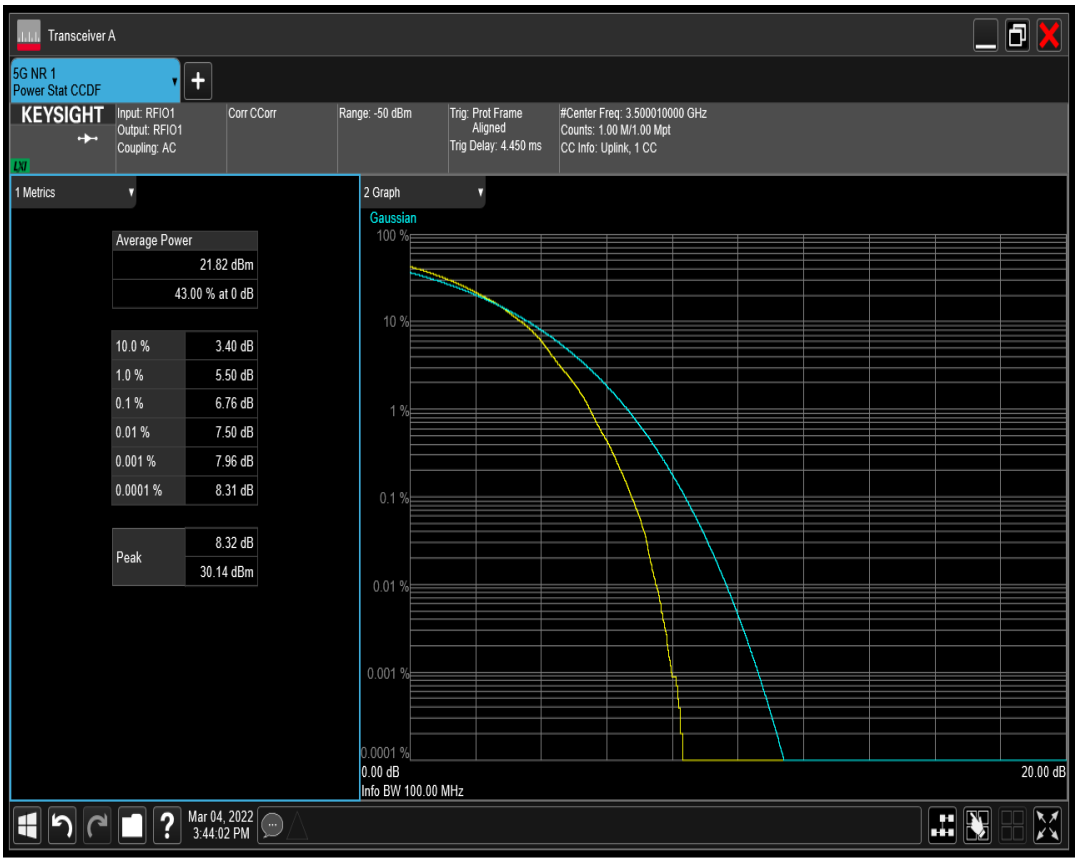
n77(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=633334 RB=216@0



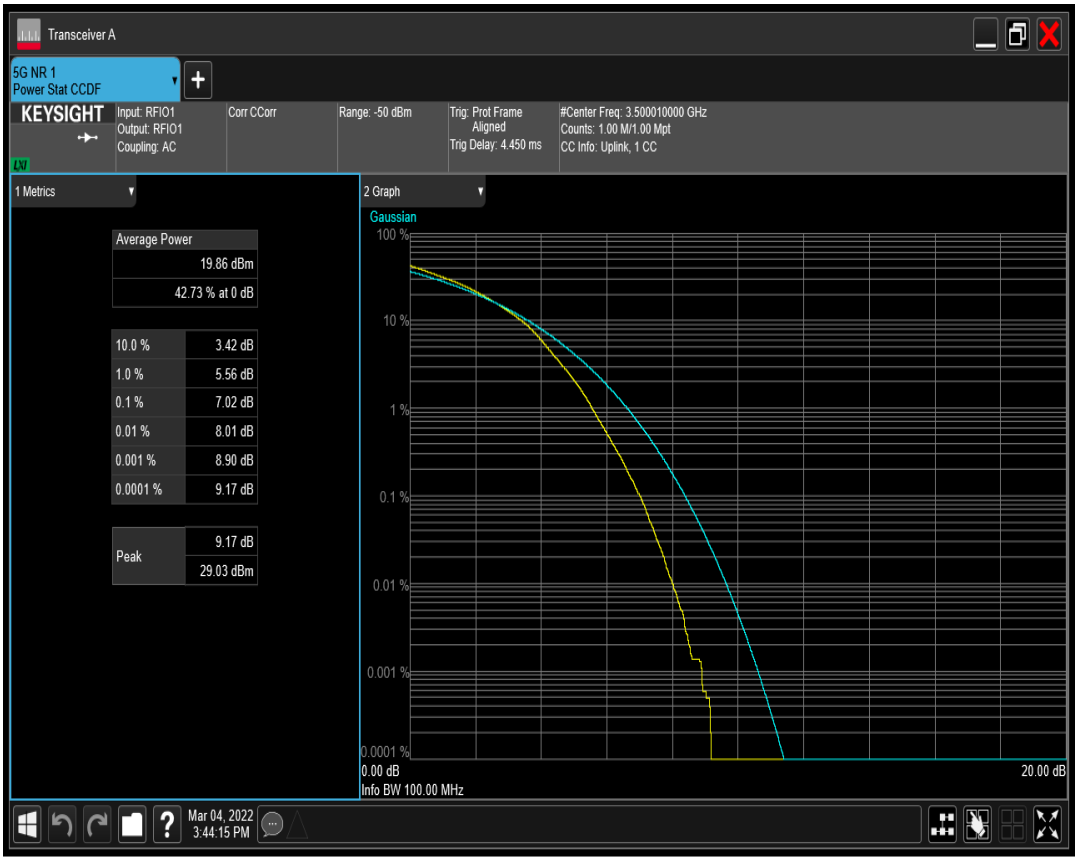
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=80MHz Channel=633334 RB=216@0



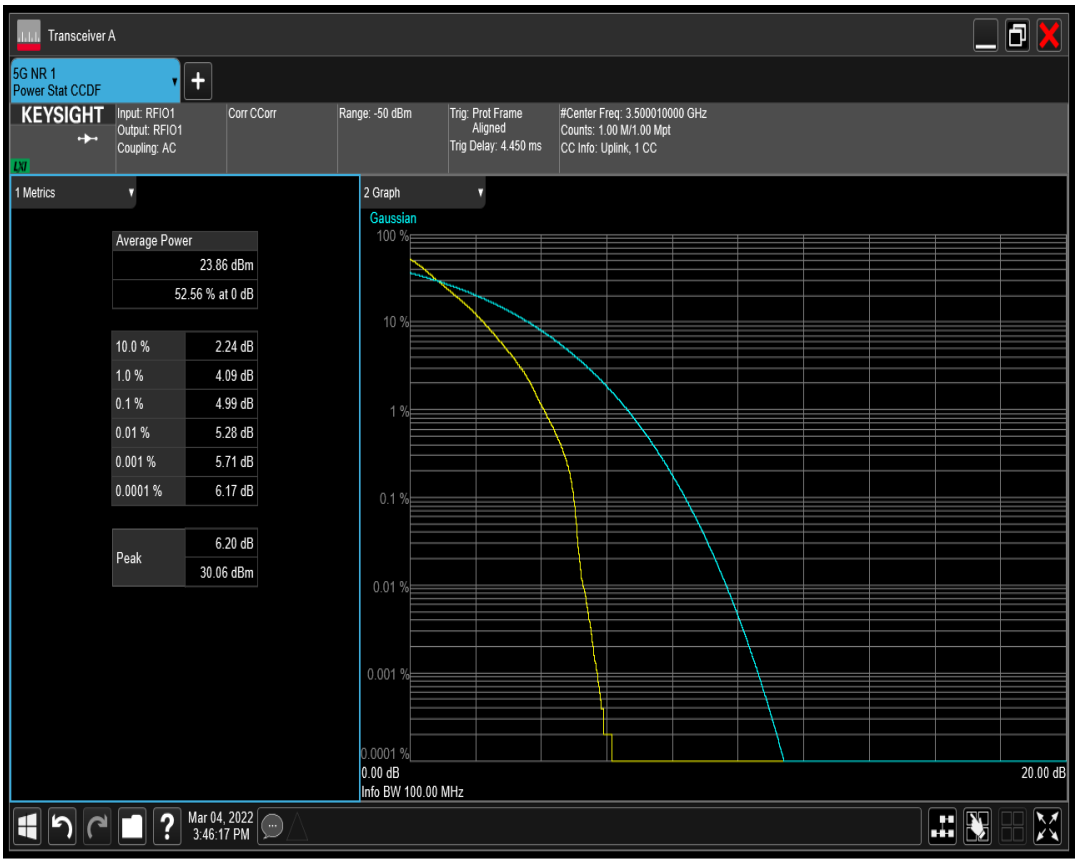
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=633334 RB=216@0



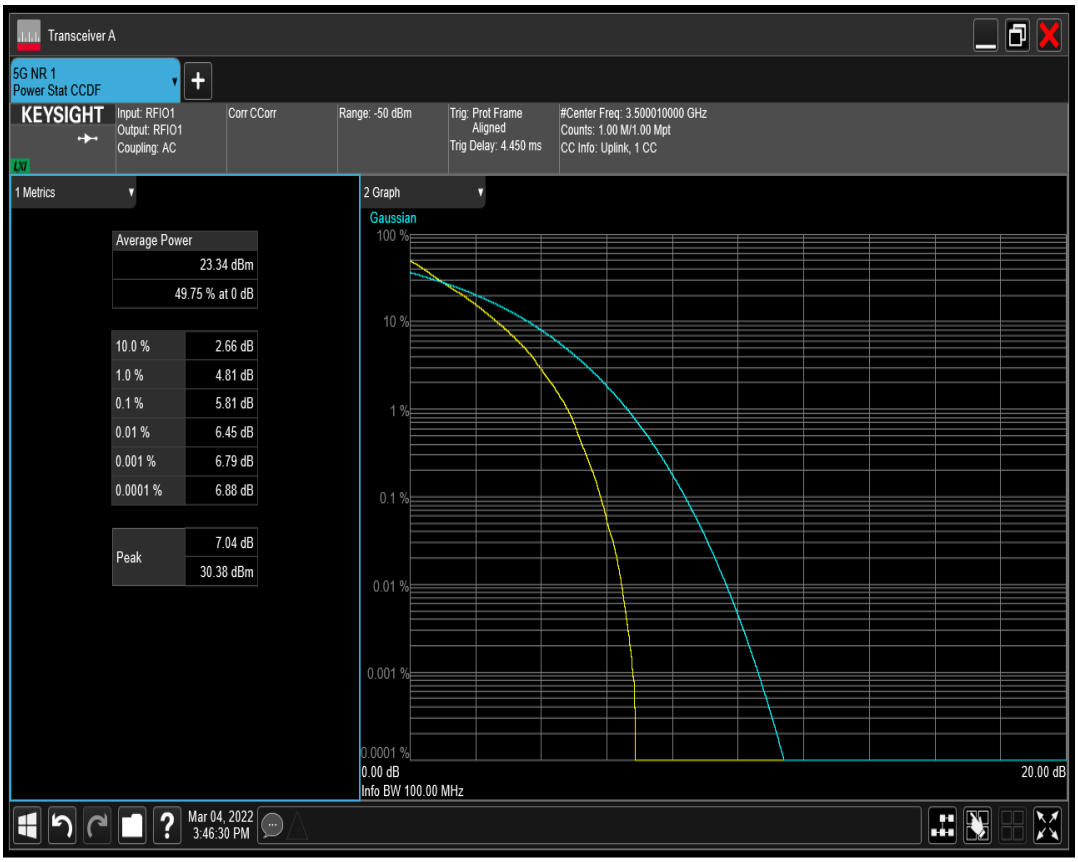
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=80MHz Channel=633334 RB=216@0



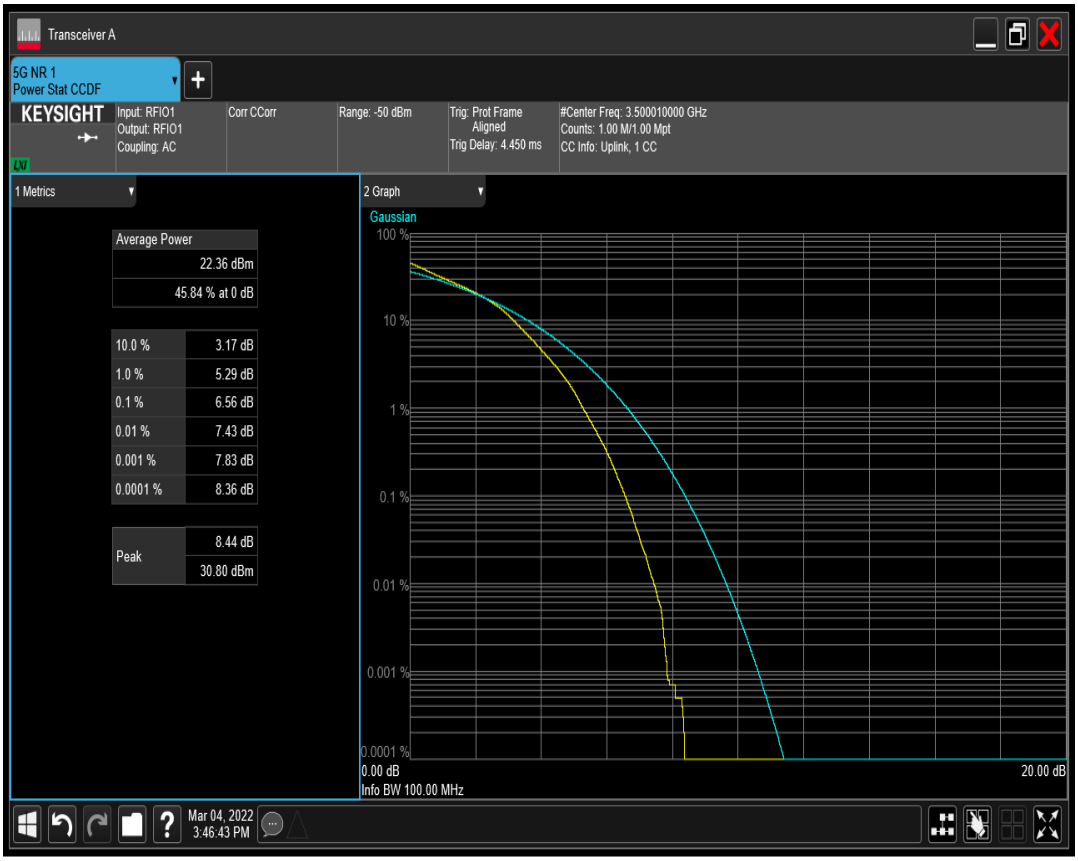
n77(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633334 RB=240@0



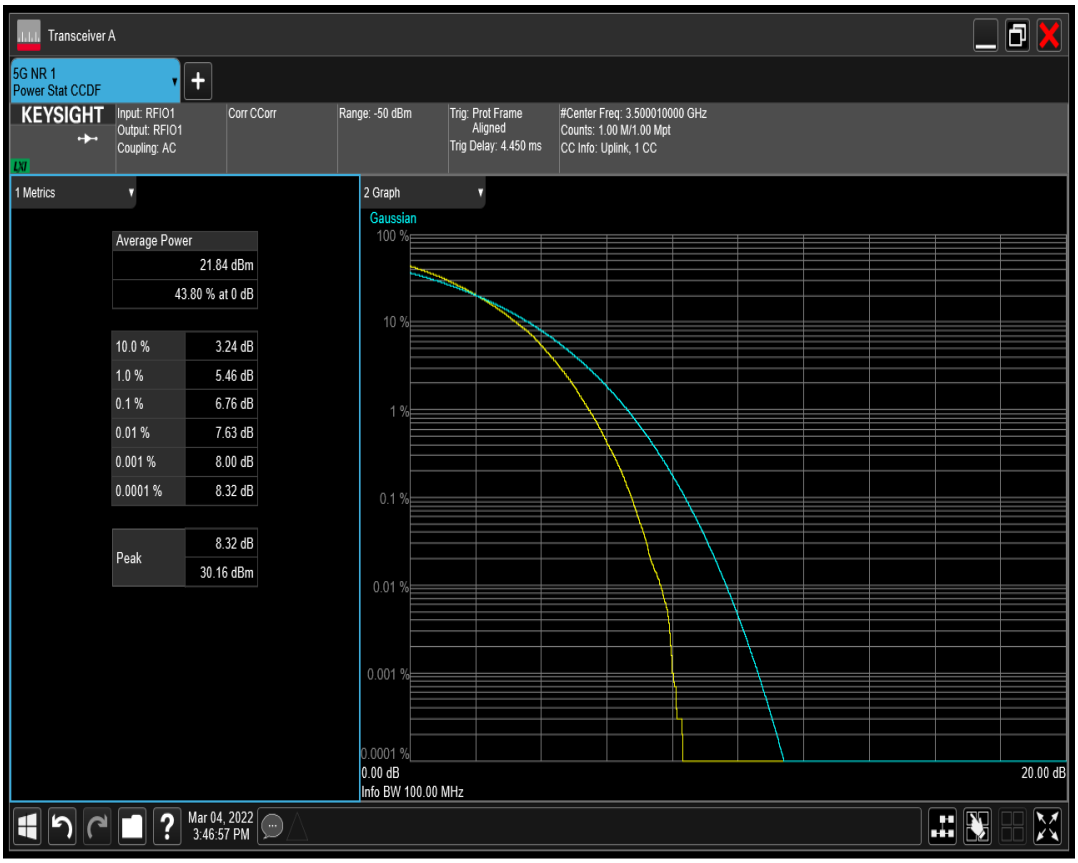
n77(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633334 RB=240@0



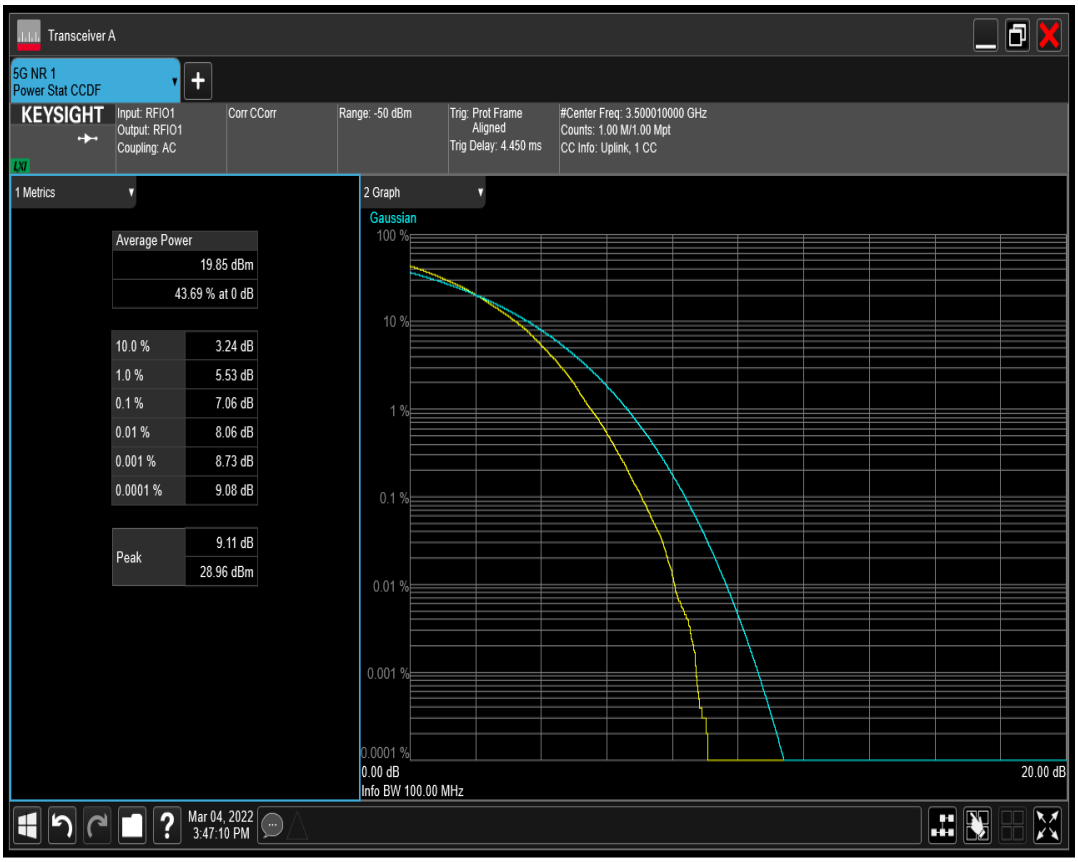
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=90MHz Channel=633334 RB=240@0



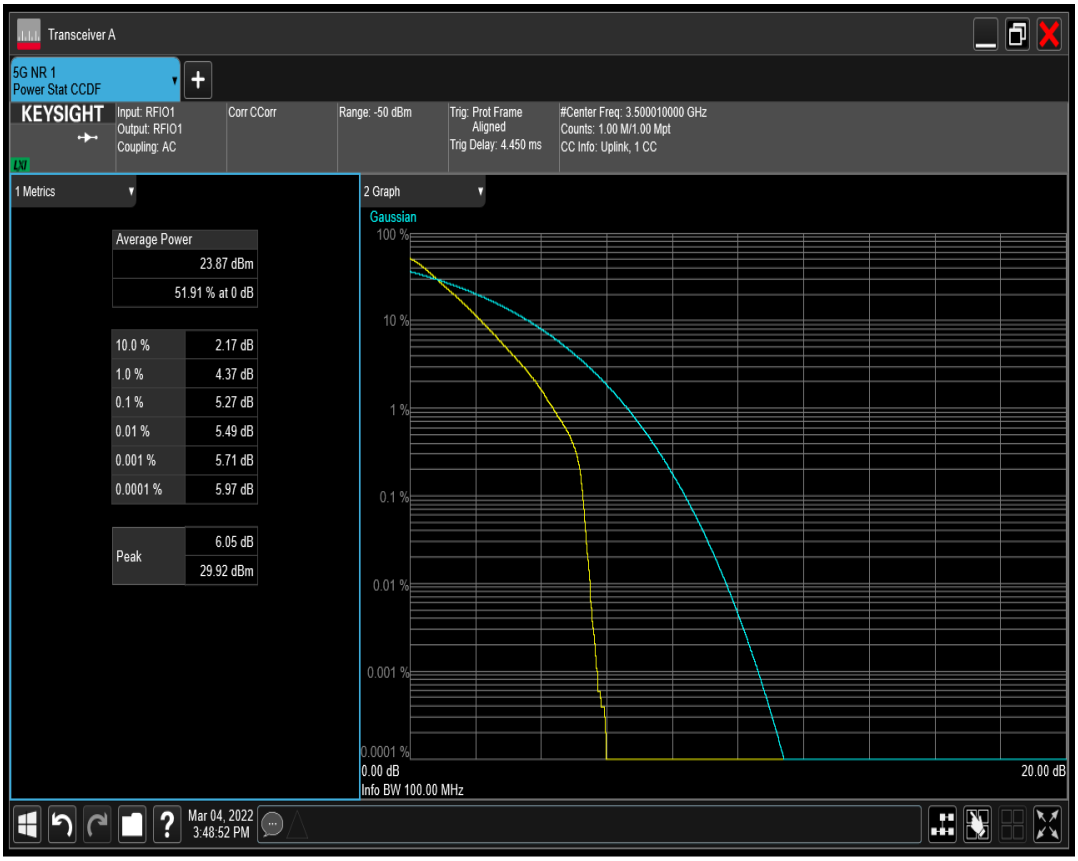
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633334 RB=240@0



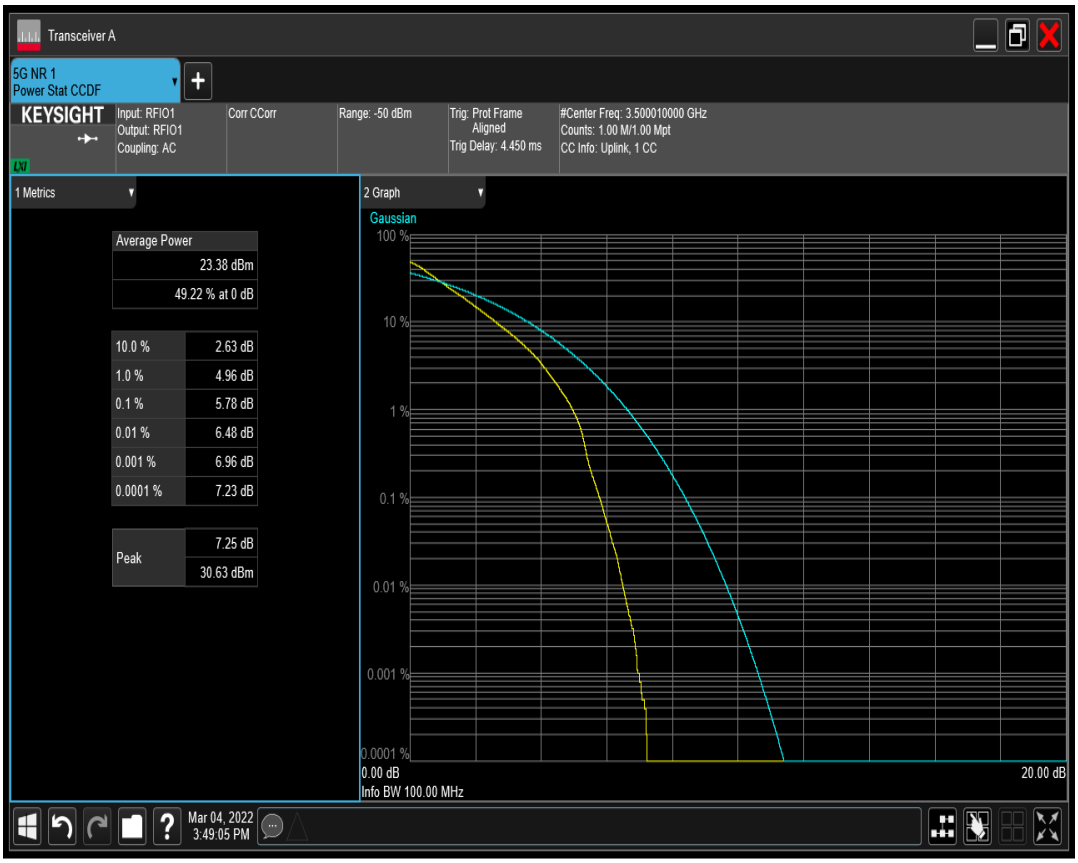
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=90MHz Channel=633334 RB=240@0



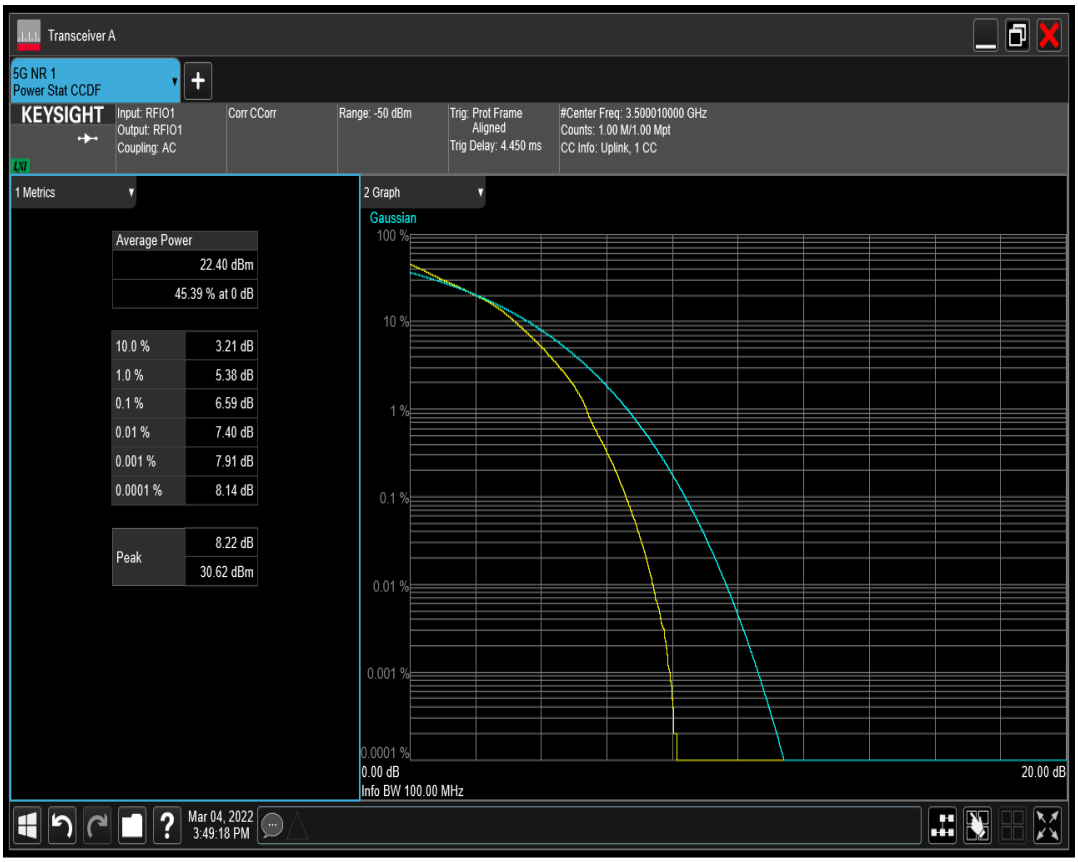
n77(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



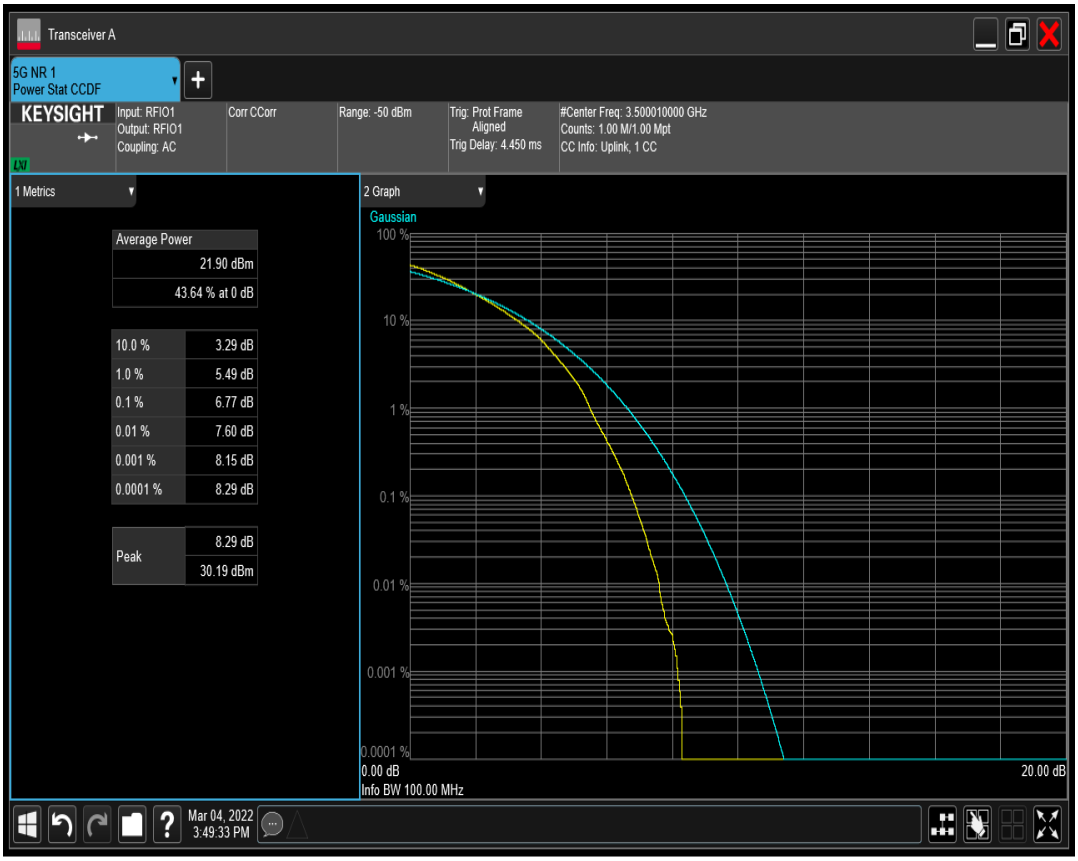
n77(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



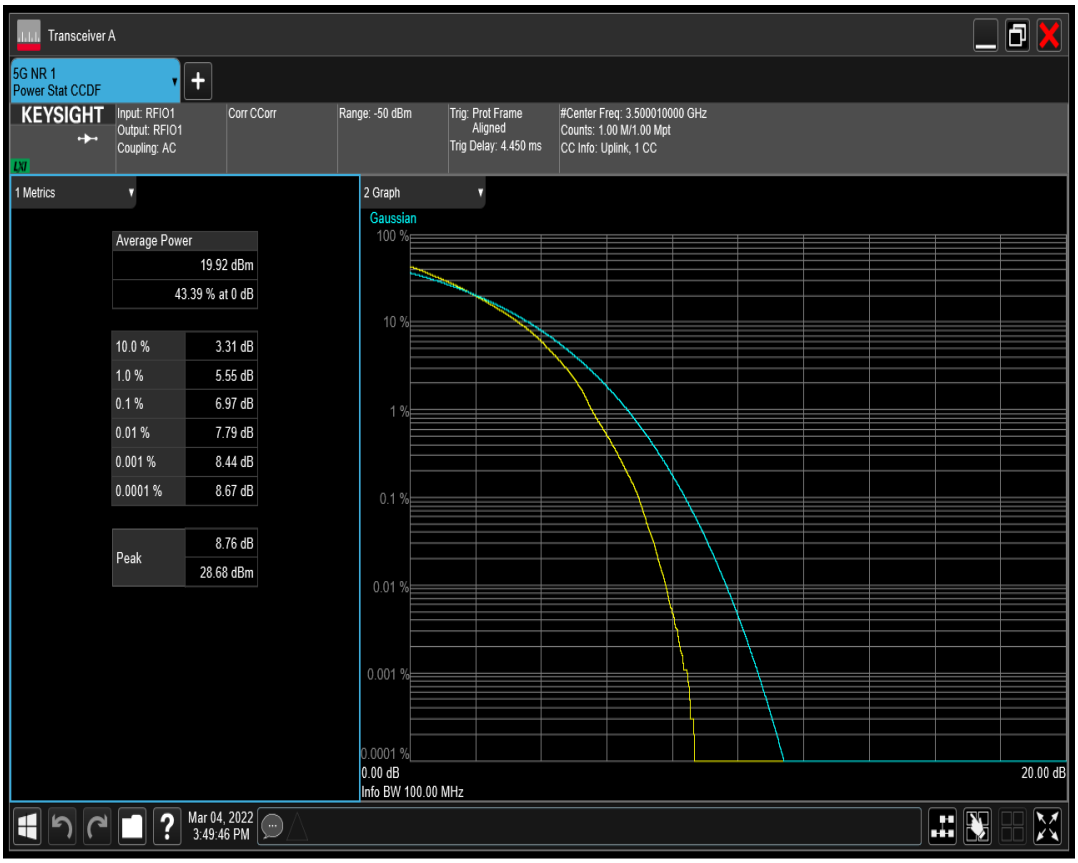
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=100MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=30kHz DFT_QAM64 BW=100MHz Channel=633334 RB=270@0



n77(3450-3550) SCS=30kHz DFT_QAM256 BW=100MHz Channel=633334 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(3450-3550)	30	10	630334	24@0	DFT_BPSK	8.610	9.210	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	8.620	9.220	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM16	8.620	9.200	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM64	8.640	9.200	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM256	8.600	9.190	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	8.620	9.220	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	8.610	9.190	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	8.610	9.190	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	8.620	9.160	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	8.620	9.200	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	8.620	9.210	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	8.620	9.220	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	8.610	9.210	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	8.640	9.220	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM16	8.620	9.220	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM64	8.610	9.220	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM256	8.600	9.190	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	8.620	9.180	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	13.460	13.730	PASS

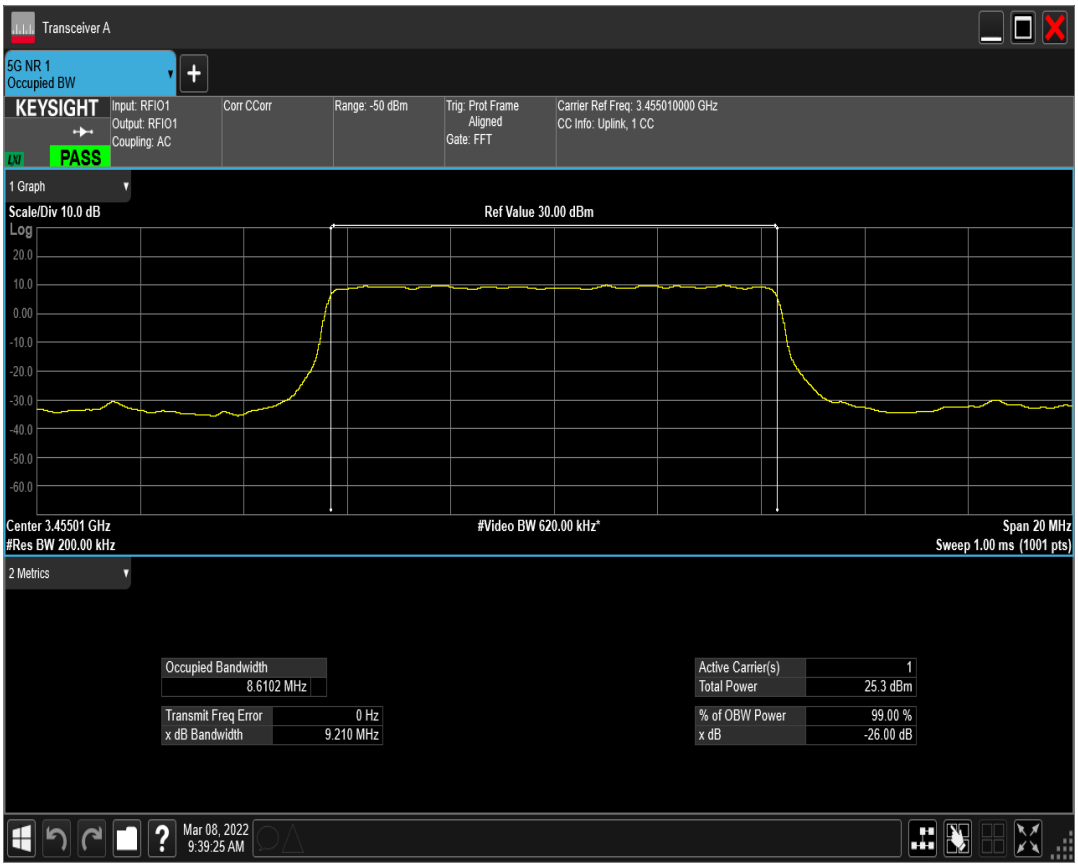
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	13.510	13.740	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM16	13.470	13.740	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM64	13.520	13.760	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM256	13.510	13.750	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	13.640	14.420	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	13.510	13.710	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	13.510	13.730	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	13.470	13.760	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	13.520	13.700	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	13.510	13.740	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	13.640	14.440	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	13.530	13.730	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	13.460	13.710	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM16	13.520	13.720	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM64	13.520	13.730	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM256	13.510	13.750	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	13.640	14.440	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	18.020	18.900	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	18.020	18.900	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM16	18.120	18.930	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM64	18.020	18.920	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM256	18.090	18.930	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	18.280	19.360	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	18.030	18.910	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	18.080	18.920	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	18.100	18.950	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	18.110	18.930	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	18.090	18.930	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	18.270	19.330	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	18.020	18.890	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	18.030	18.890	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM16	18.110	18.940	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM64	18.110	18.920	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM256	18.090	18.950	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	18.270	19.310	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_BPSK	27.540	28.410	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QPSK	27.620	28.460	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM16	27.630	28.440	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM64	27.610	28.440	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM256	27.620	28.440	PASS
n77(3450-3550)	30	30	631000	78@0	CP_QPSK	27.980	29.530	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	27.620	28.430	PASS

n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	27.730	28.460	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	27.620	28.430	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	27.620	28.440	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	27.630	28.440	PASS
n77(3450-3550)	30	30	633334	78@0	CP_QPSK	27.970	29.510	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_BPSK	27.620	28.440	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QPSK	27.730	28.470	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM16	27.620	28.430	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM64	27.610	28.440	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM256	27.650	28.480	PASS
n77(3450-3550)	30	30	635666	78@0	CP_QPSK	27.970	29.510	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	37.620	37.890	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	37.630	37.920	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM16	37.480	37.860	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM64	37.620	37.870	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM256	37.640	37.870	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	37.970	40.040	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	37.630	37.880	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	37.650	37.880	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	37.510	37.860	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	37.680	37.920	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	37.640	37.870	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	37.980	40.050	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	37.640	37.870	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	37.650	37.900	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM16	37.650	37.900	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM64	37.680	37.930	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM256	37.670	37.900	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	37.980	40.070	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	47.050	48.360	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	46.900	48.350	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM16	47.010	48.380	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM64	47.050	48.350	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM256	47.090	48.360	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	47.640	50.230	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	47.100	48.360	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	47.260	48.390	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	47.220	48.390	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	47.210	48.390	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	47.080	48.360	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	47.650	50.220	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	47.240	48.350	PASS

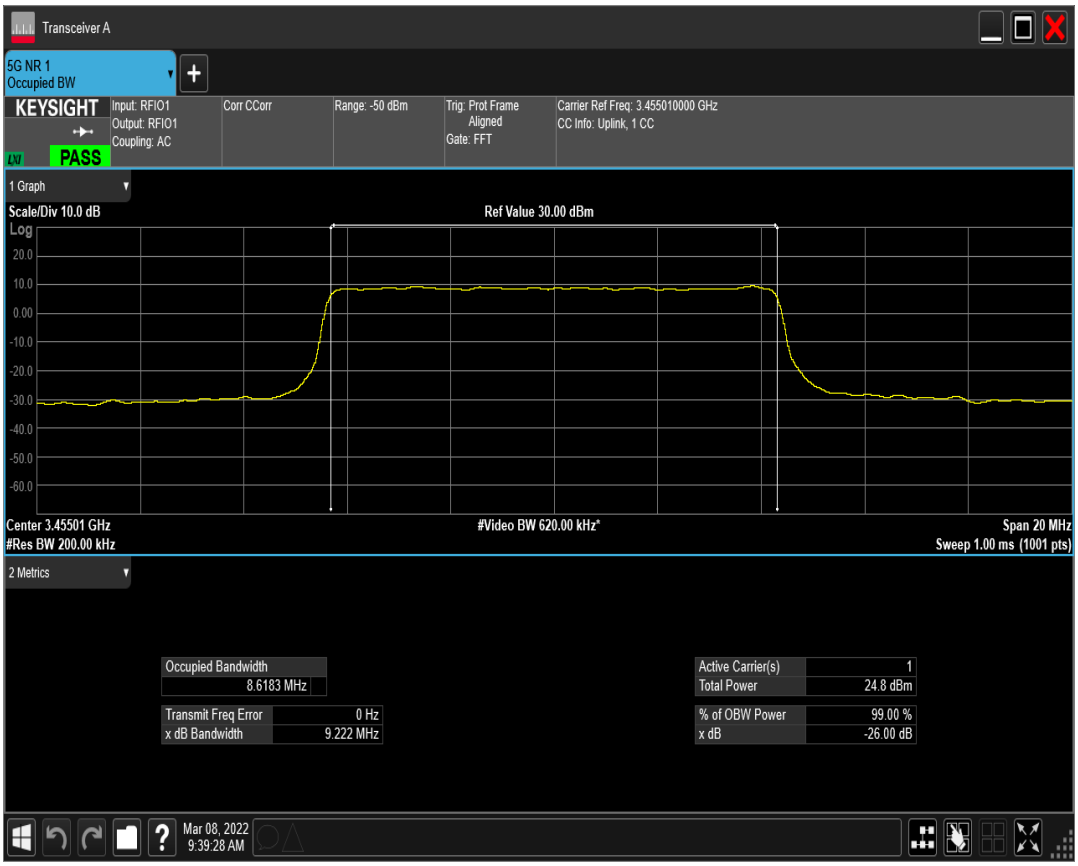
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	47.290	48.410	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM16	47.230	48.380	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM64	47.200	48.340	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM256	47.090	48.340	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	47.670	50.240	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	57.950	60.990	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	57.950	61.000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM16	57.930	60.980	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM64	57.940	60.990	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM256	58.090	61.020	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	57.940	61.020	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	58.090	60.970	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	58.100	61.010	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	57.950	60.980	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	57.960	60.990	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	58.110	61.020	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	58.080	61.030	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	58.090	60.980	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	58.100	60.990	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM16	57.950	60.960	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM64	57.950	60.990	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM256	57.960	60.970	PASS
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	58.080	61.020	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	77.450	81.340	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	77.270	81.330	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM16	77.500	81.380	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM64	77.460	81.350	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM256	77.450	81.330	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	77.780	81.750	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	77.470	81.310	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	77.480	81.360	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	77.530	81.380	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	77.490	81.360	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	77.460	81.320	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	77.800	81.760	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	77.470	81.340	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	77.490	81.370	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM16	77.530	81.390	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM64	77.500	81.350	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM256	77.490	81.350	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	77.810	81.770	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_BPSK	86.830	90.520	PASS

n77(3450-3550)	30	90	633000	240@0	DFT_QPSK	86.820	90.480	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM16	86.780	90.490	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM64	86.780	90.500	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM256	86.830	90.530	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	87.640	92.310	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	86.850	90.500	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	86.850	90.460	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	86.810	90.480	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	86.810	90.480	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	86.860	90.510	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	87.650	92.270	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_BPSK	86.890	90.500	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QPSK	86.880	90.440	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM16	86.840	90.480	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM64	86.840	90.480	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM256	86.890	90.510	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	87.650	92.270	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	96.840	101.540	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	96.880	101.590	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	96.830	101.540	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	96.900	101.580	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	96.840	101.560	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	97.660	102.710	PASS

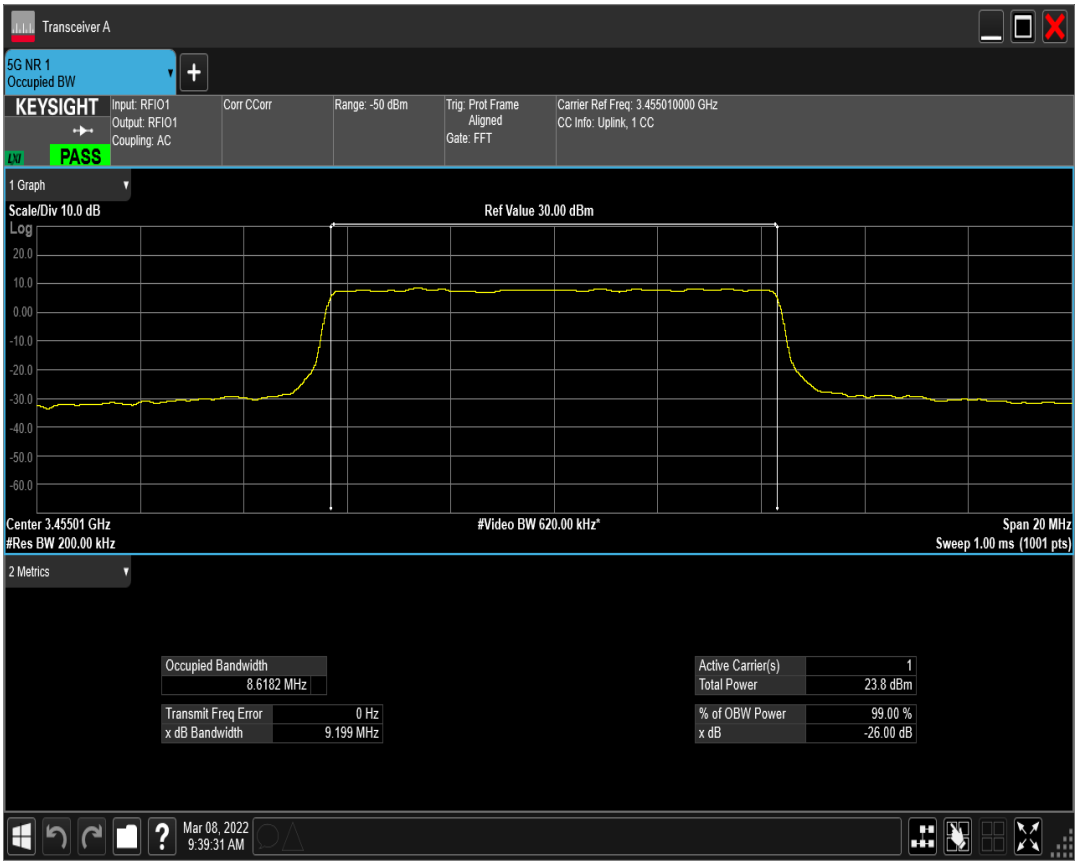
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=630334 RB=24@0



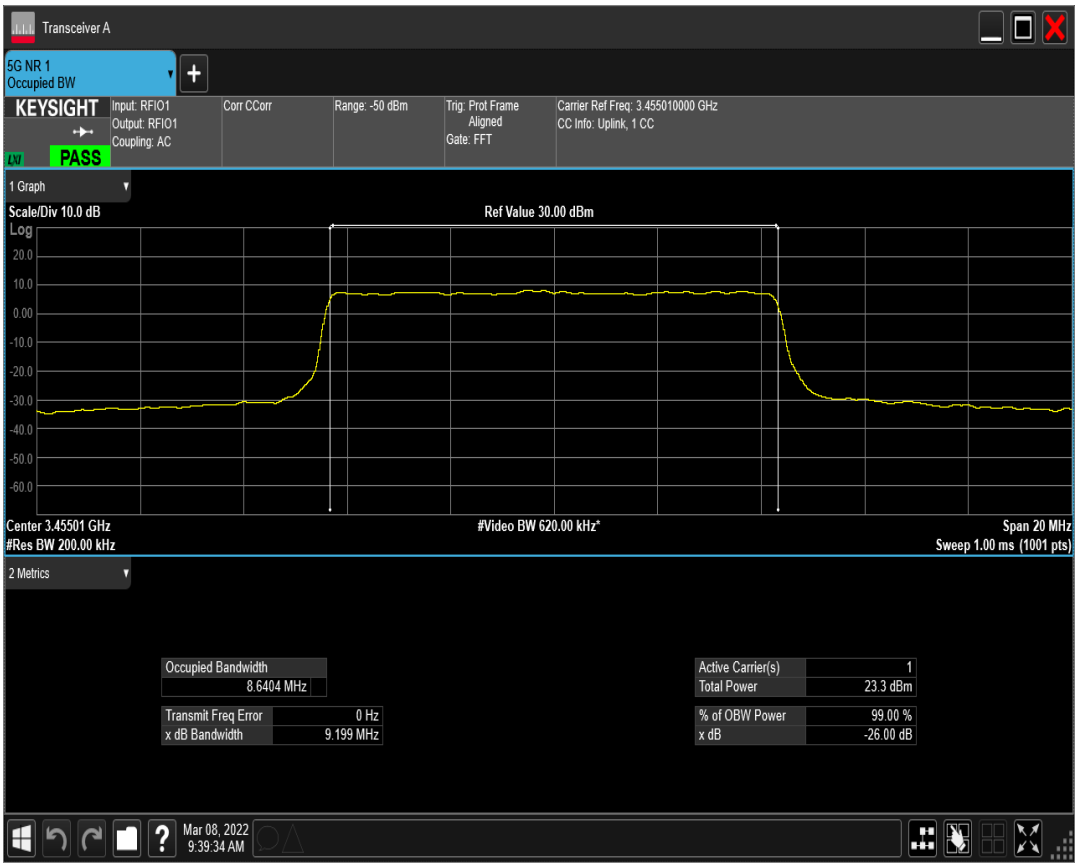
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=630334 RB=24@0



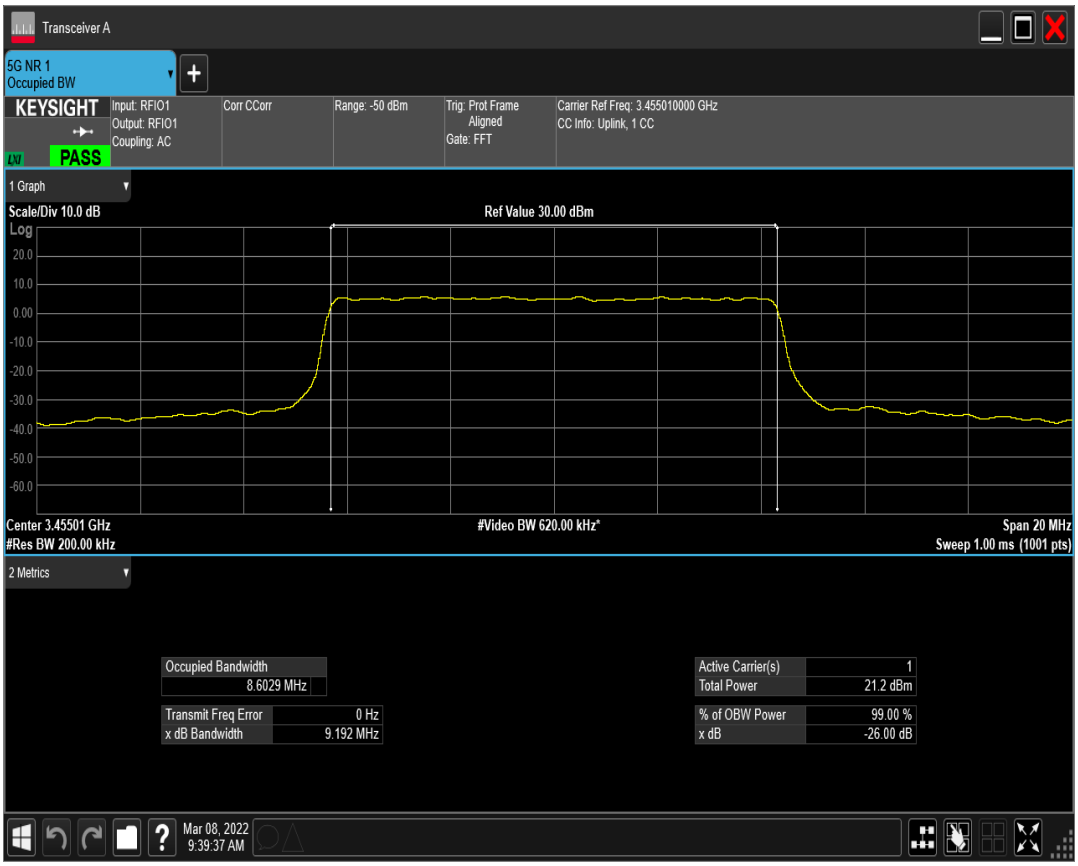
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=630334 RB=24@0



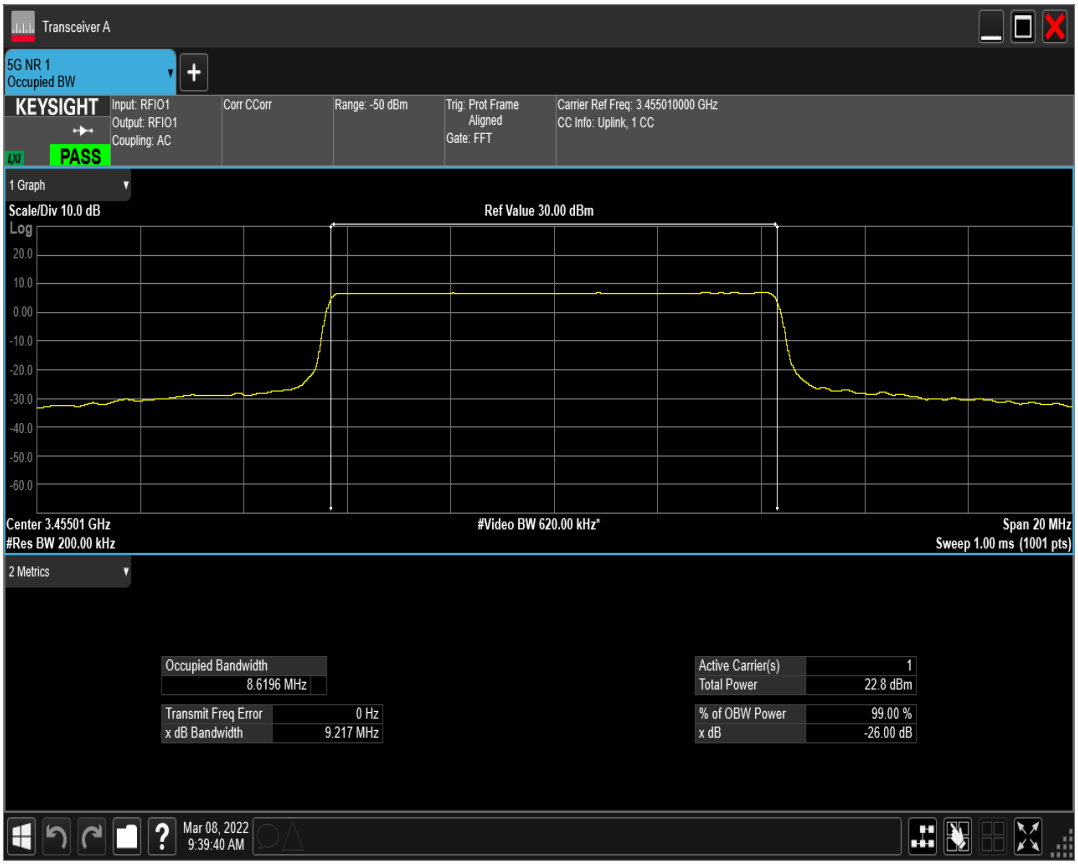
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=630334 RB=24@0



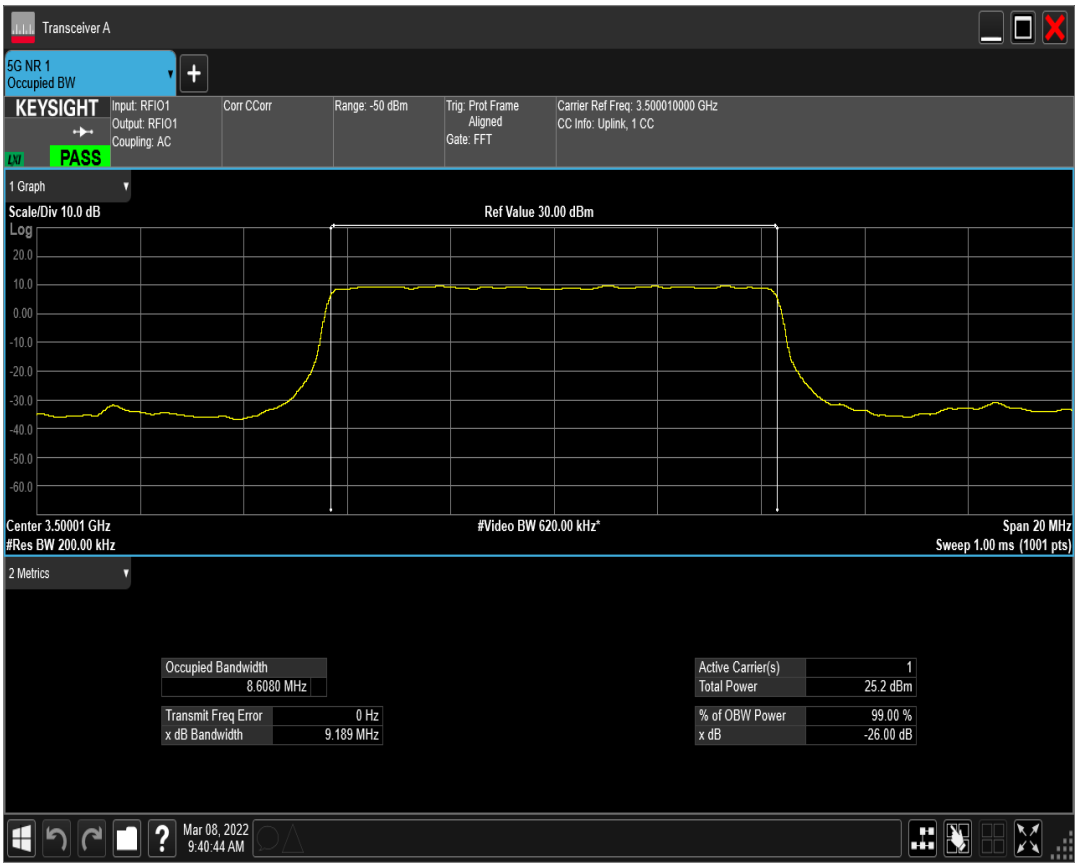
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=630334 RB=24@0



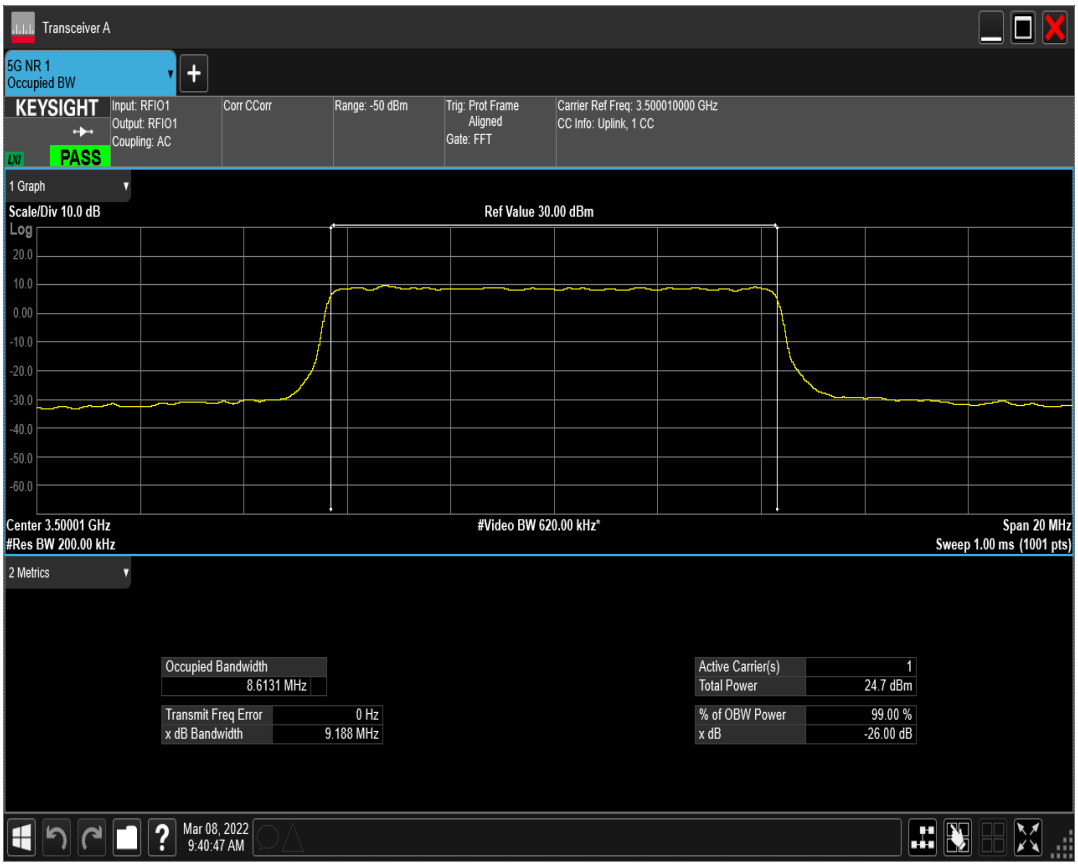
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=630334 RB=24@0



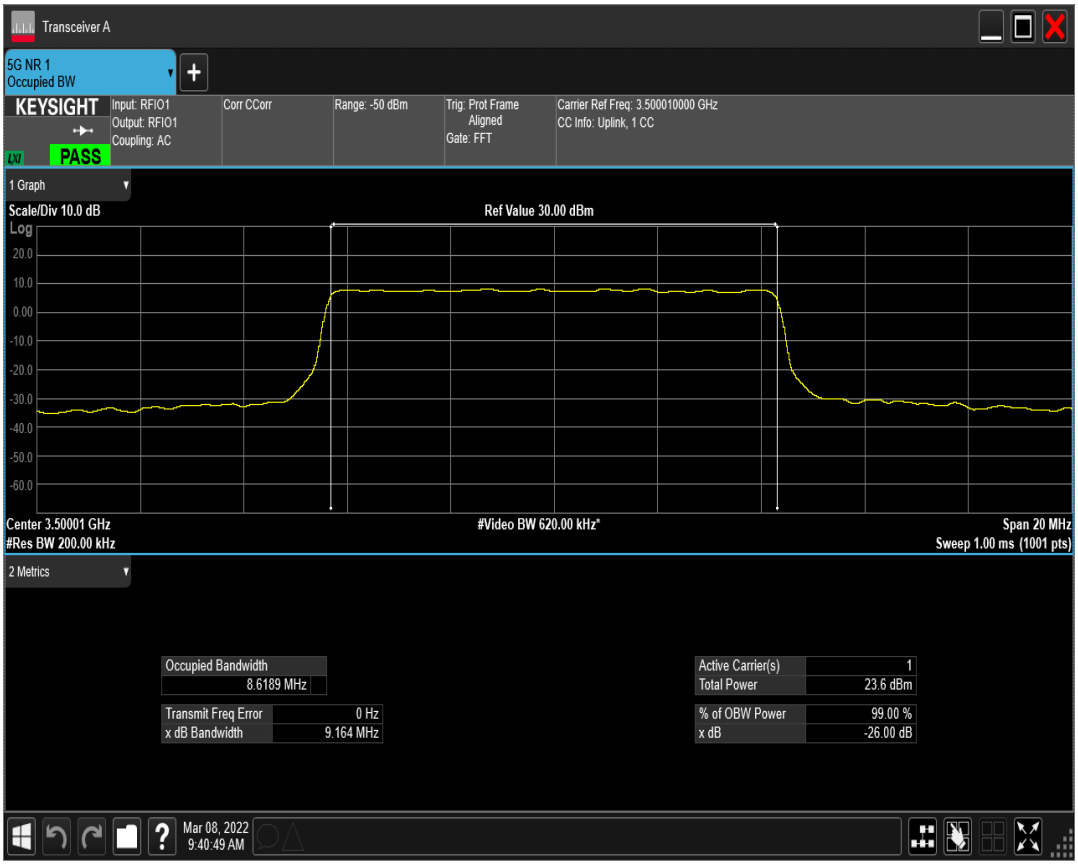
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



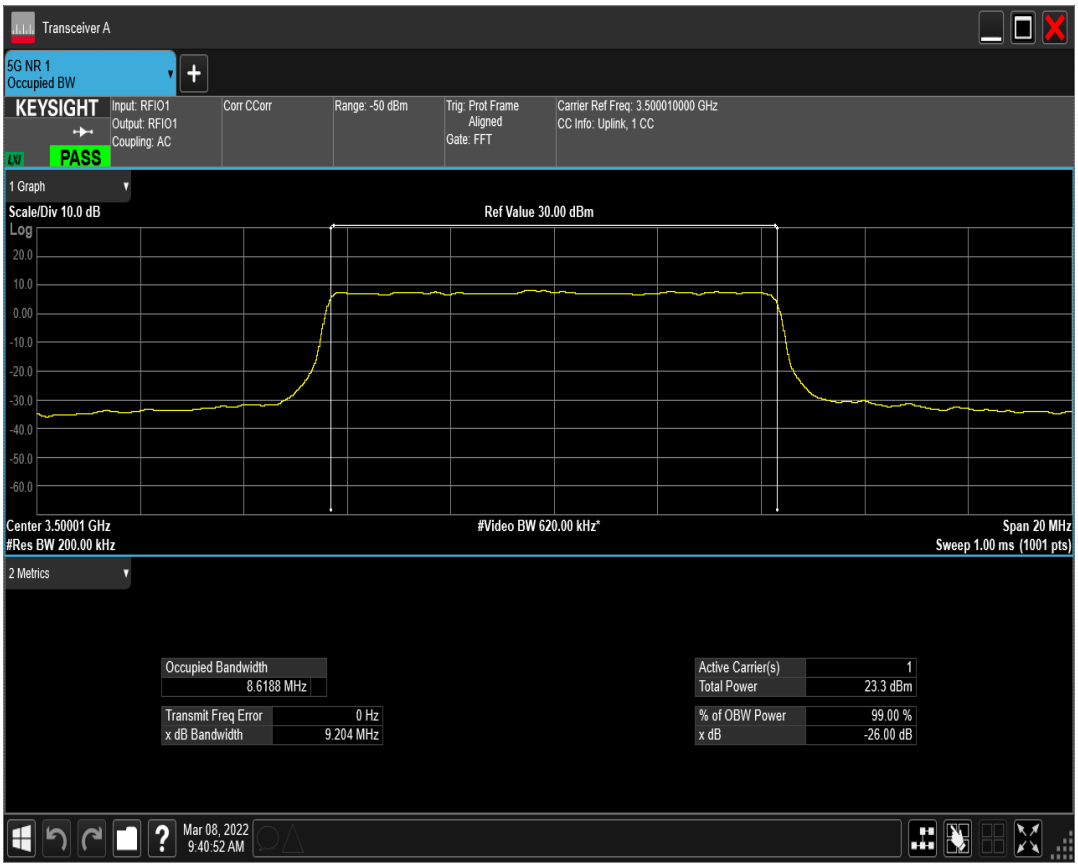
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



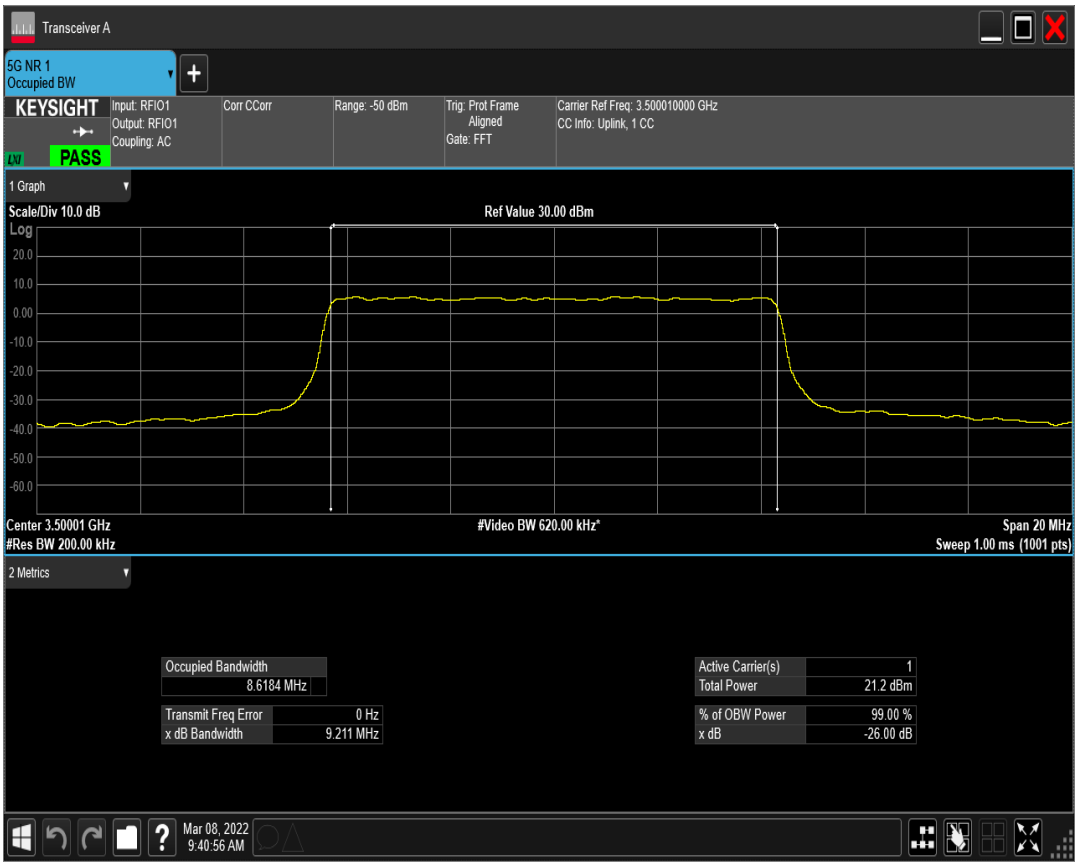
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=633334 RB=24@0



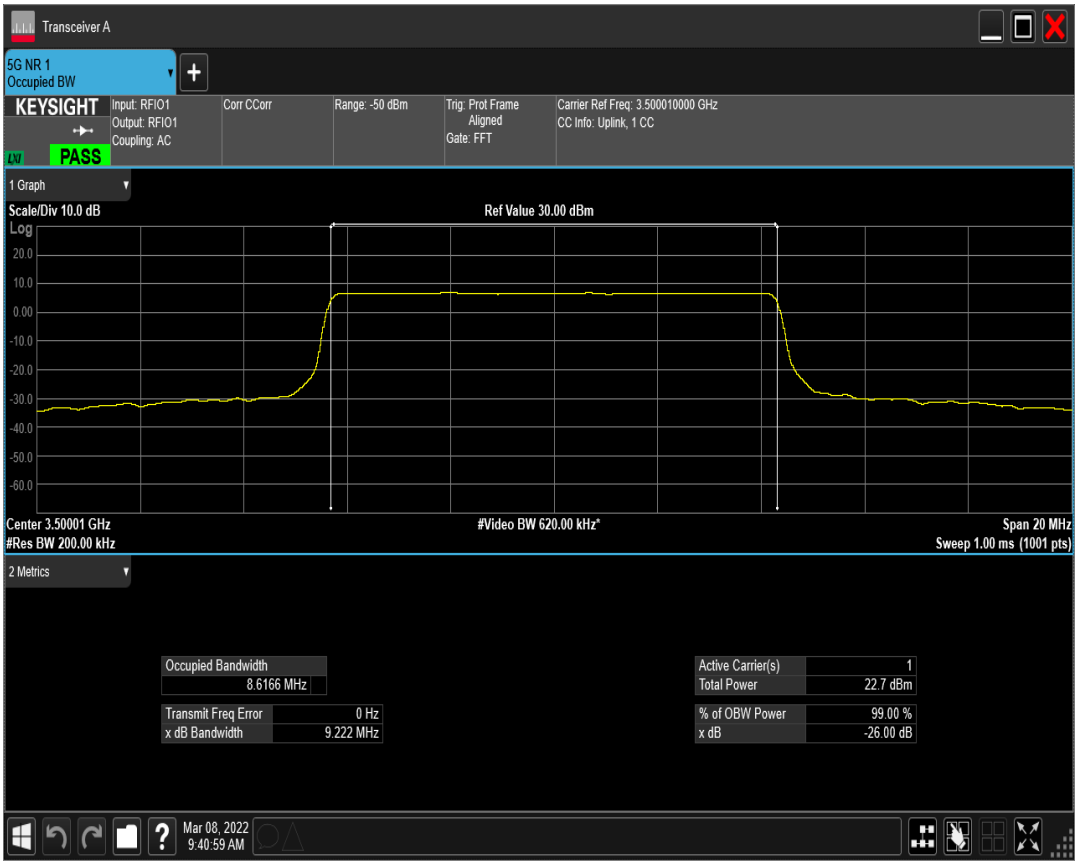
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=633334 RB=24@0



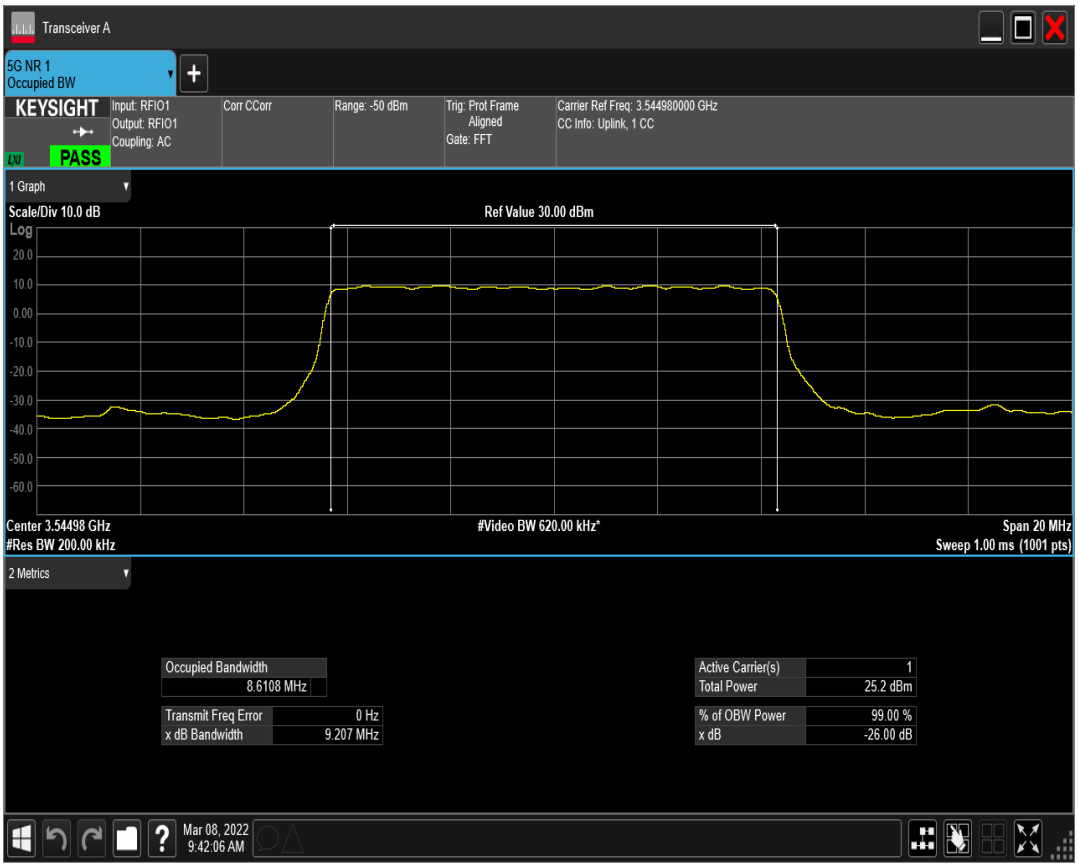
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=633334 RB=24@0



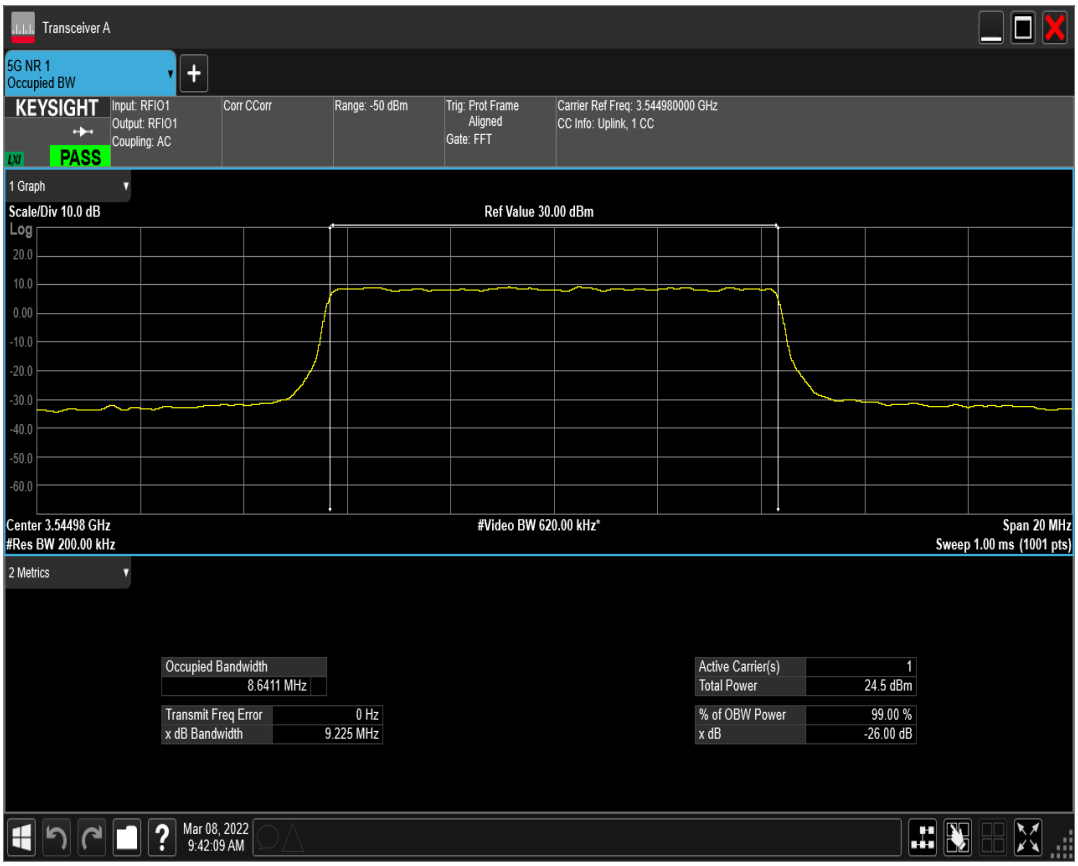
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=633334 RB=24@0



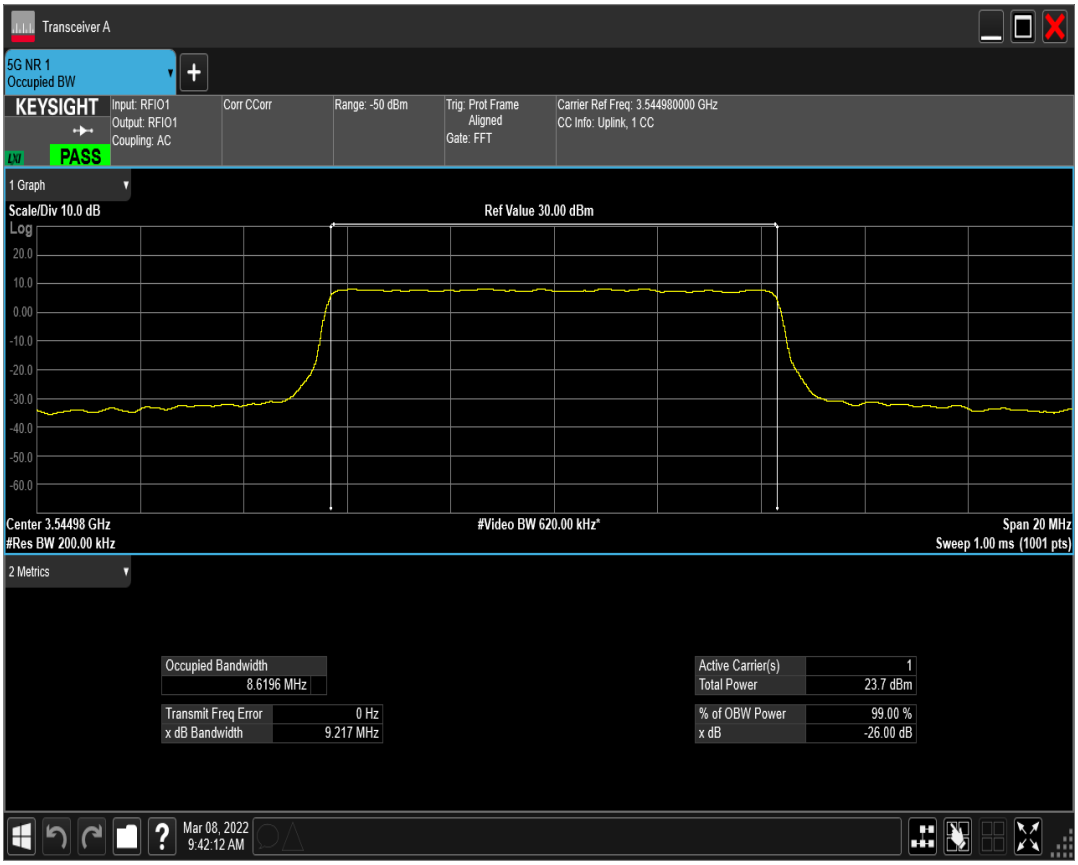
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=636332 RB=24@0



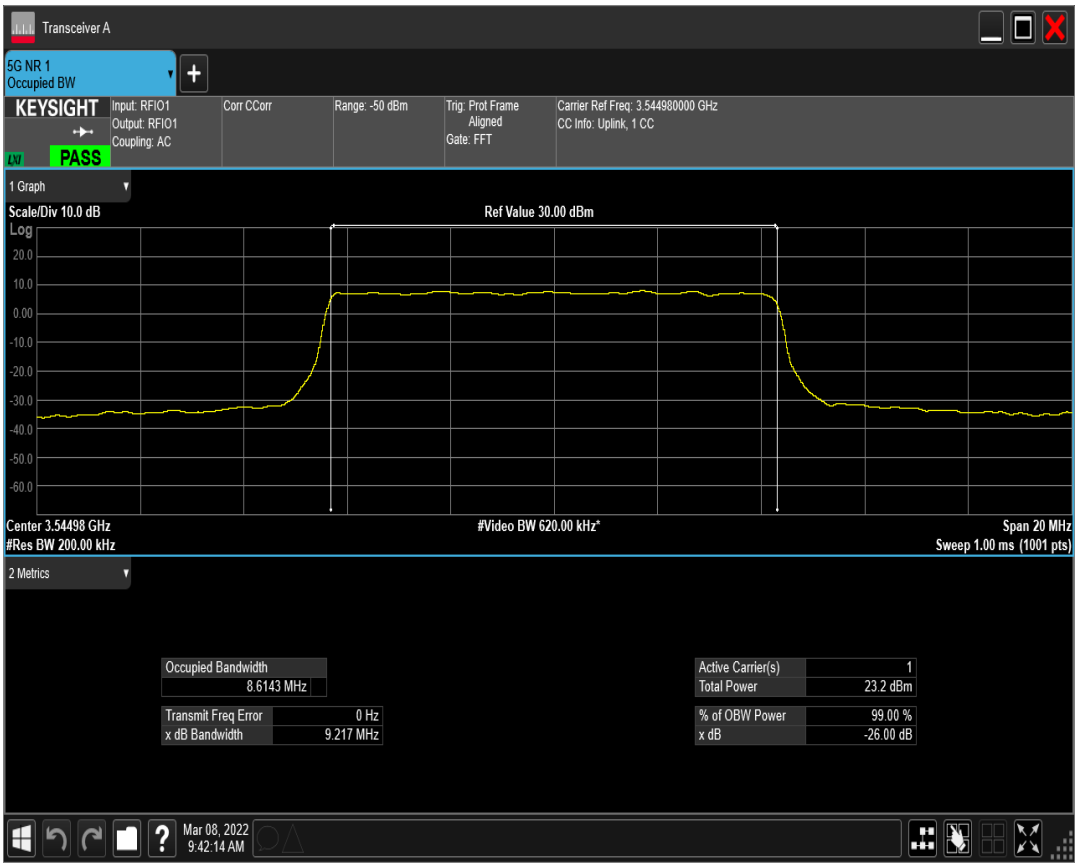
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=636332 RB=24@0



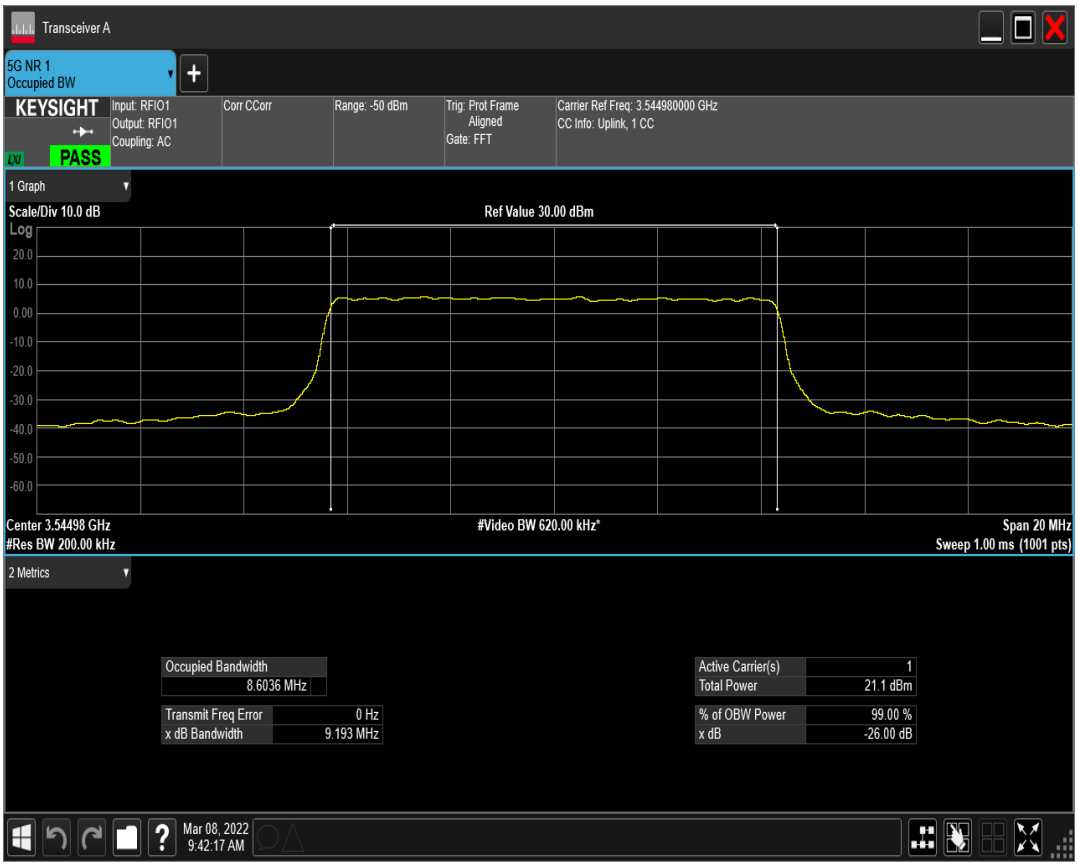
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=636332 RB=24@0



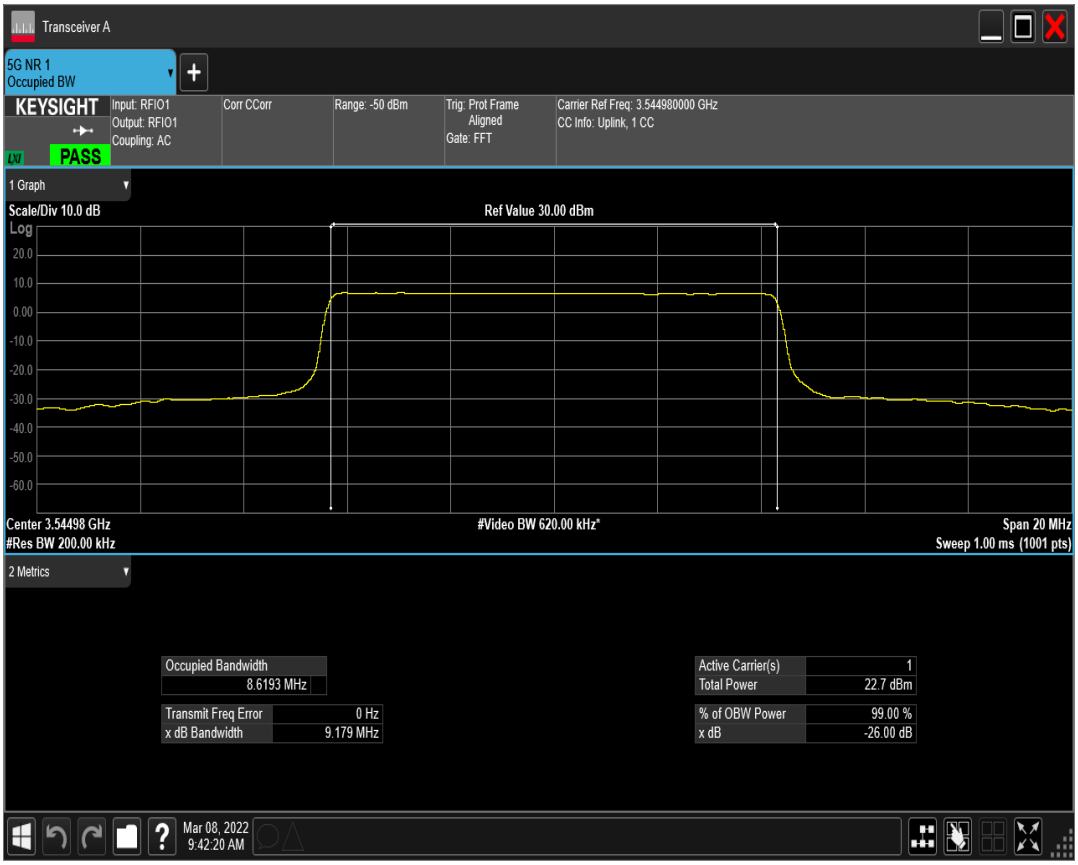
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=636332 RB=24@0



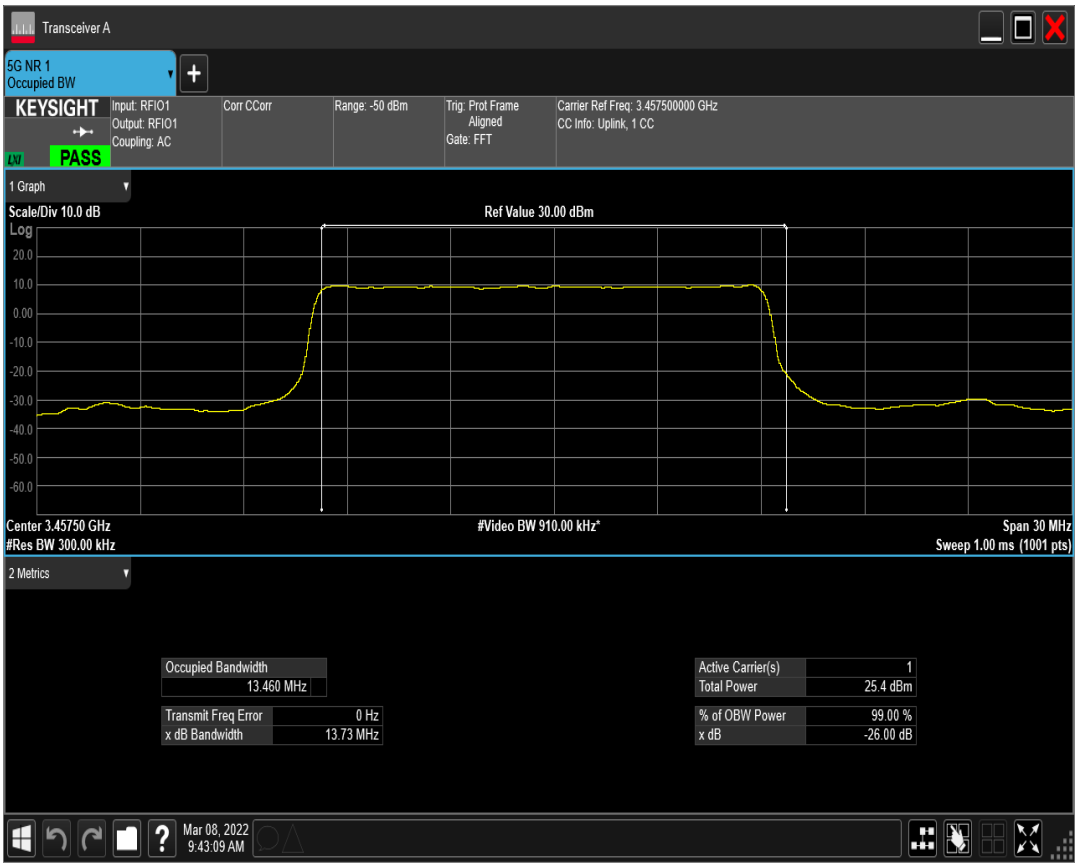
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=636332 RB=24@0



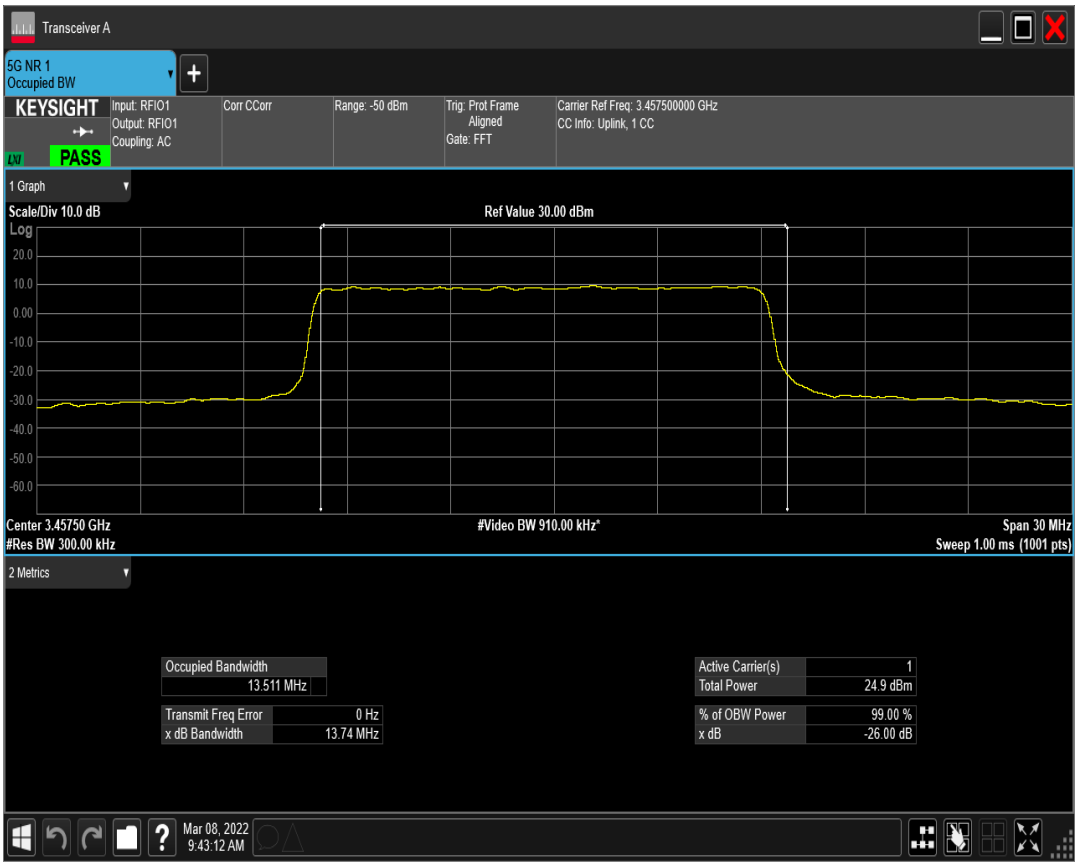
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=636332 RB=24@0



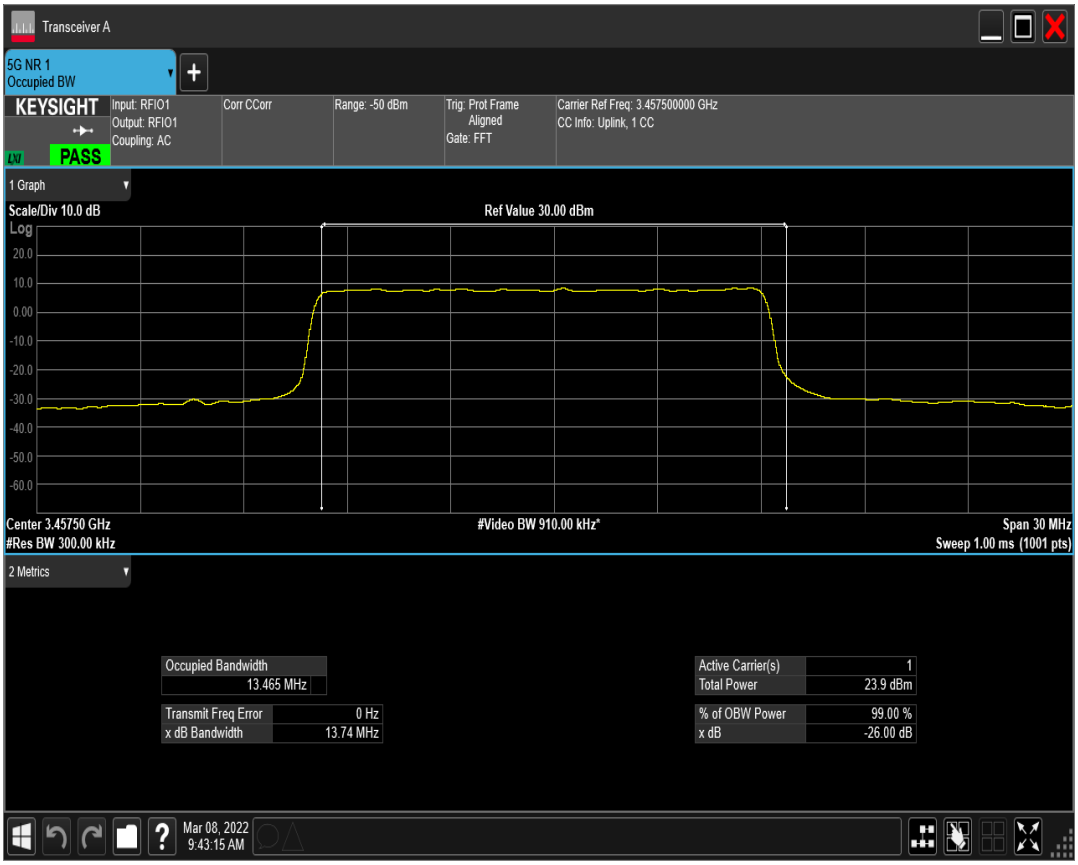
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=630500 RB=36@0



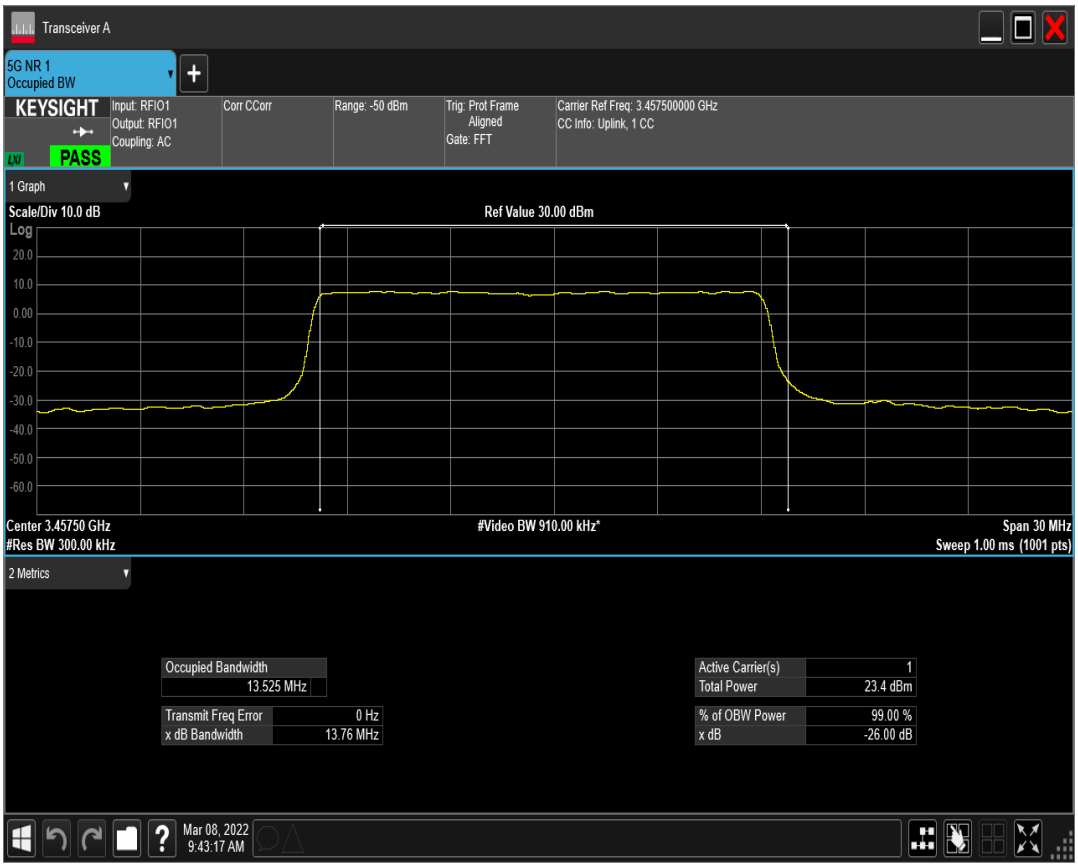
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=630500 RB=36@0



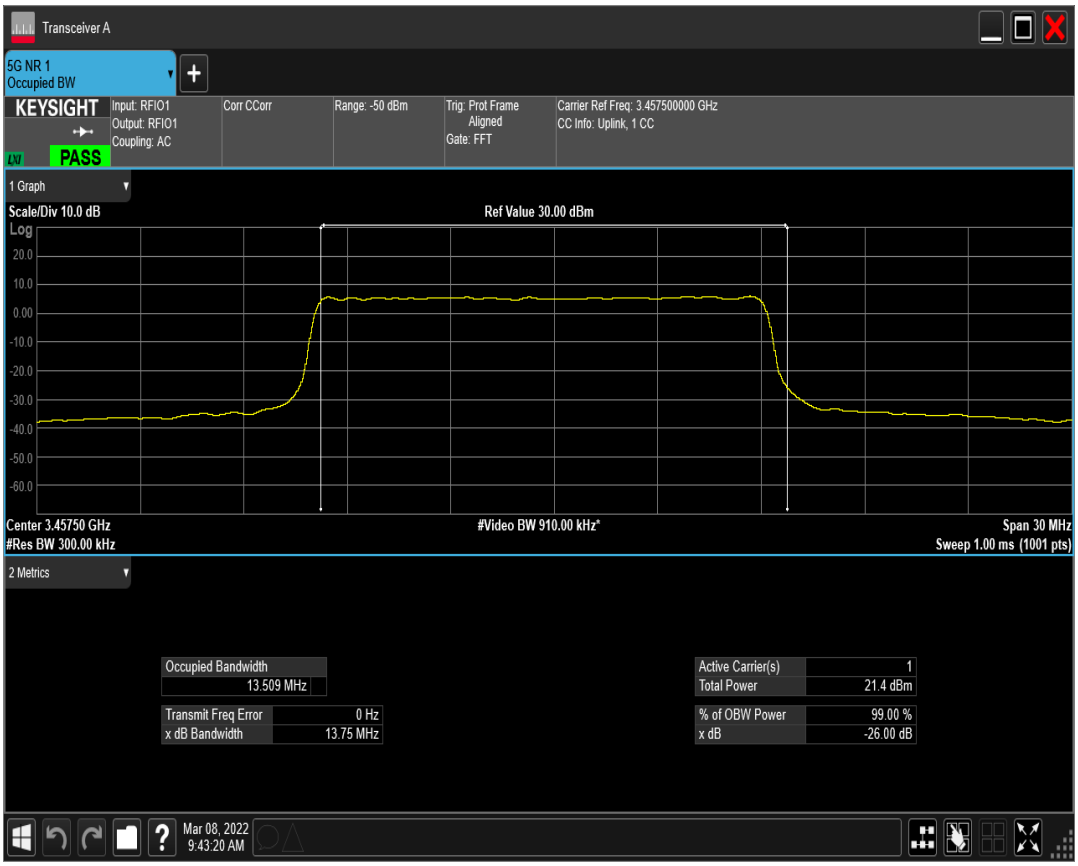
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=630500 RB=36@0



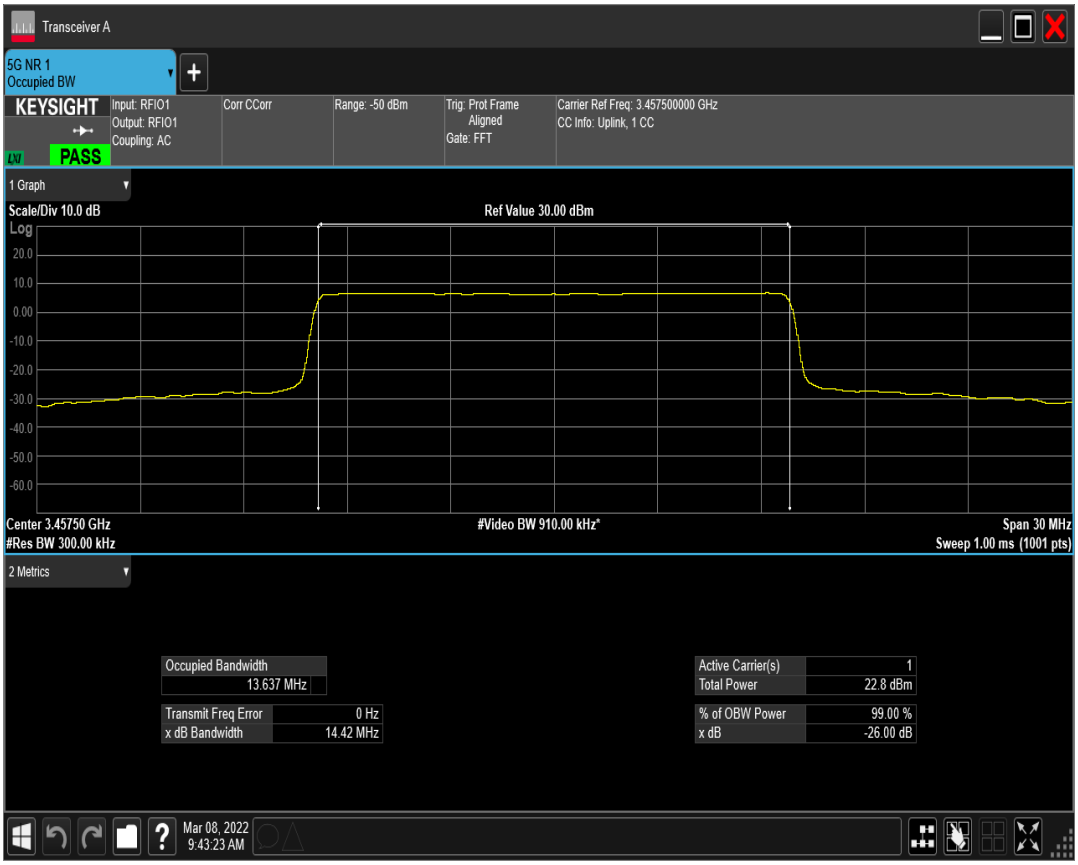
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=630500 RB=36@0



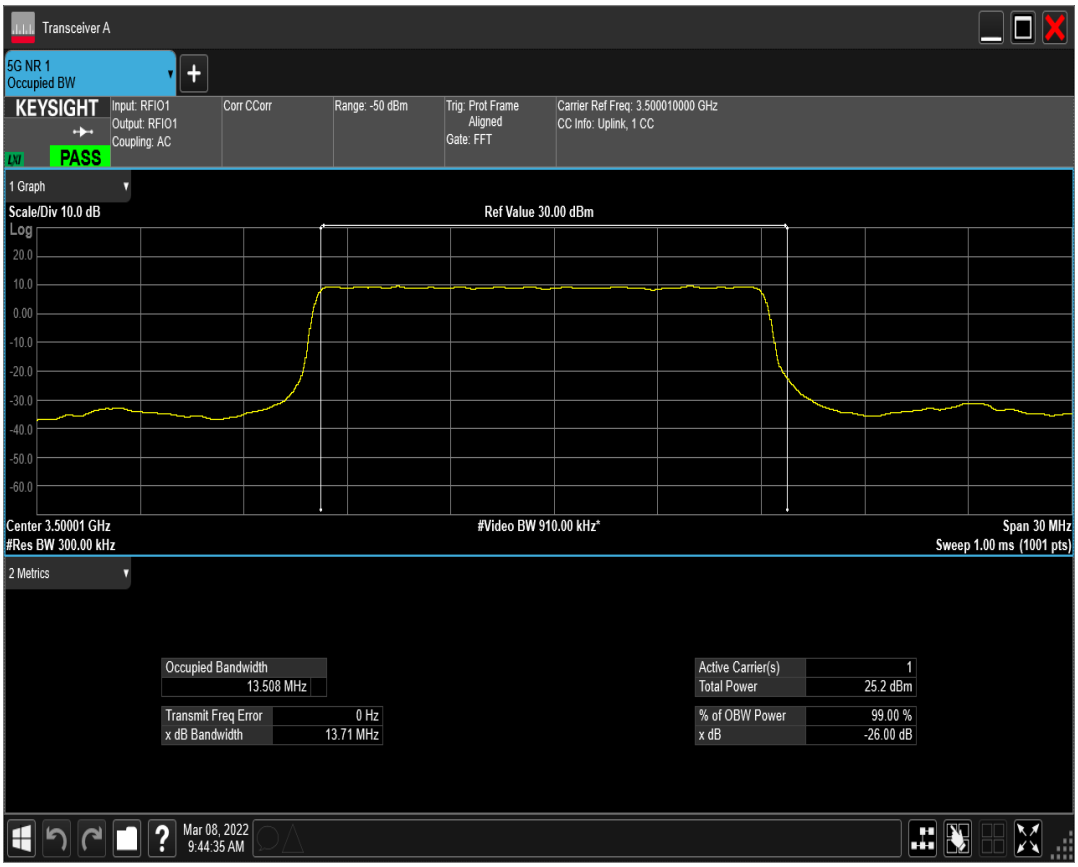
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=630500 RB=36@0



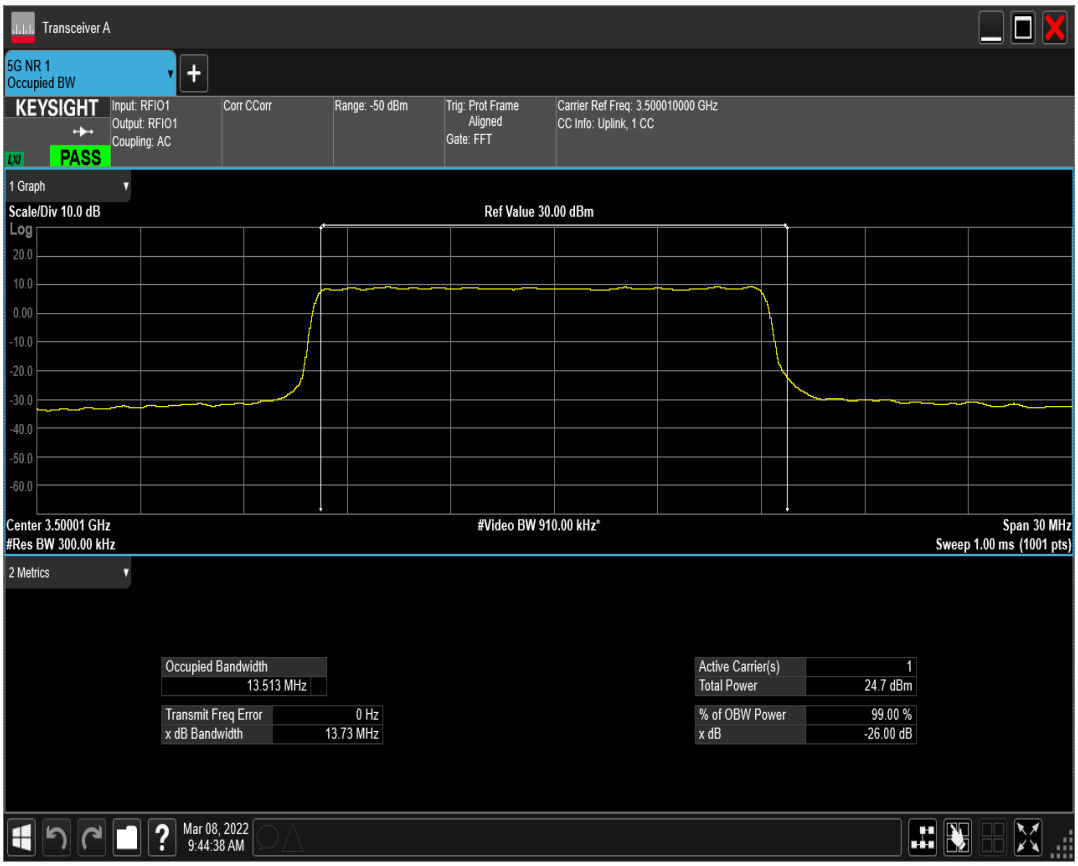
n77(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=630500 RB=38@0



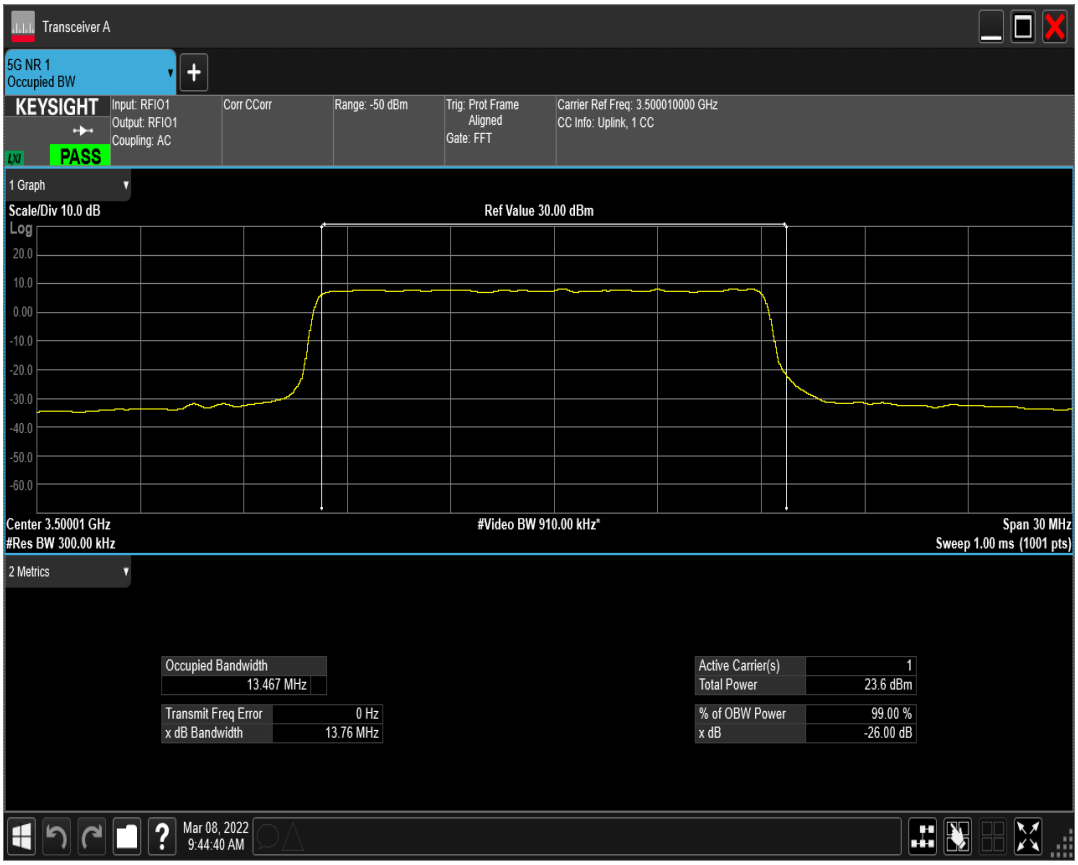
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



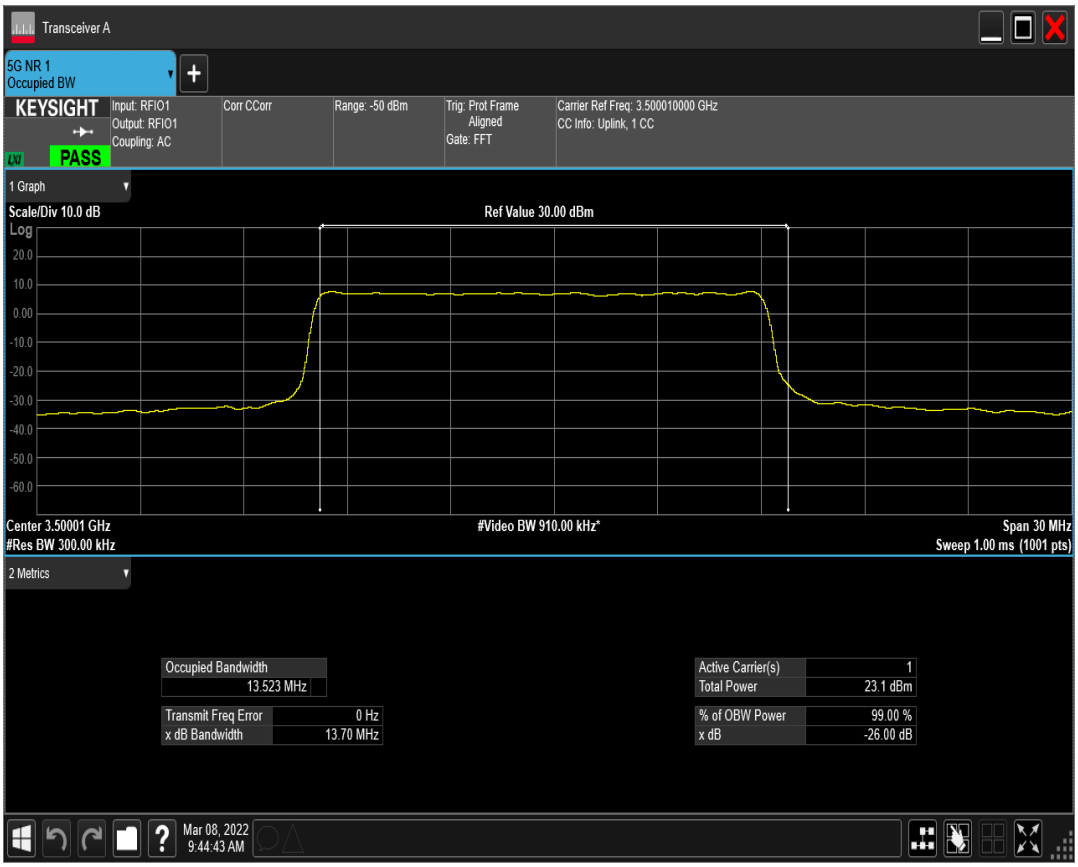
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36@0



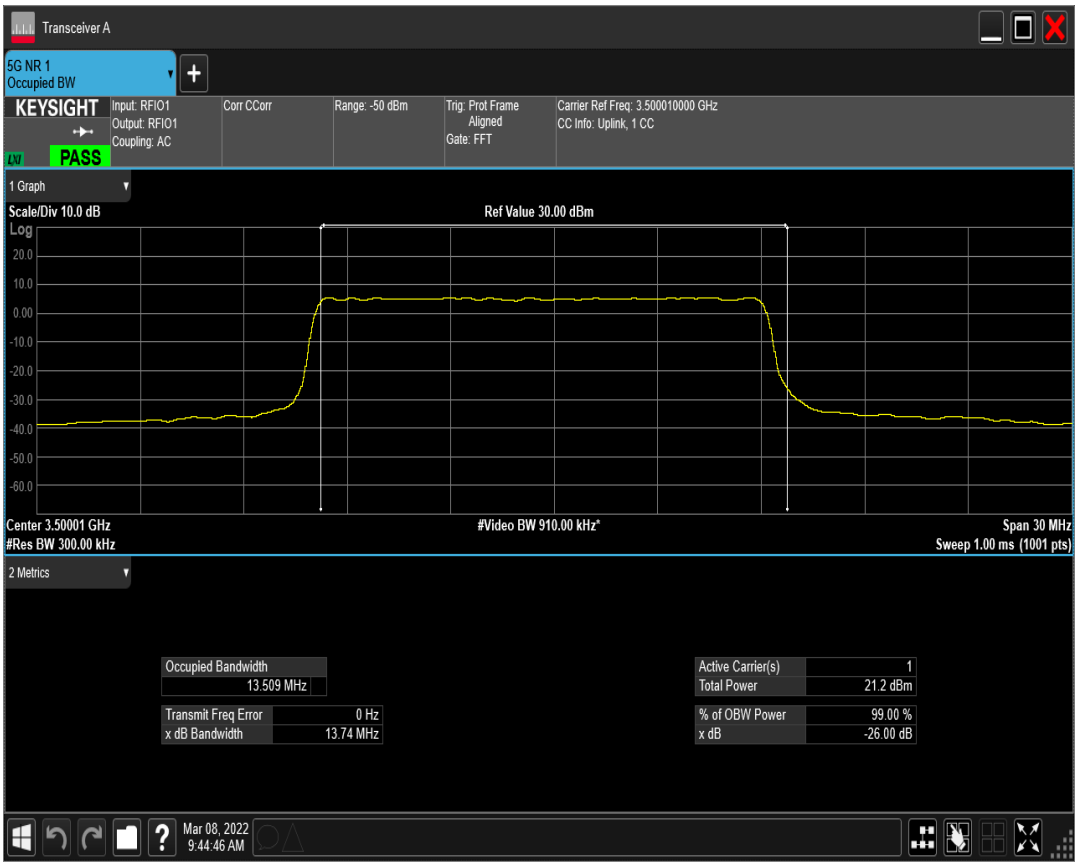
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=633334 RB=36@0



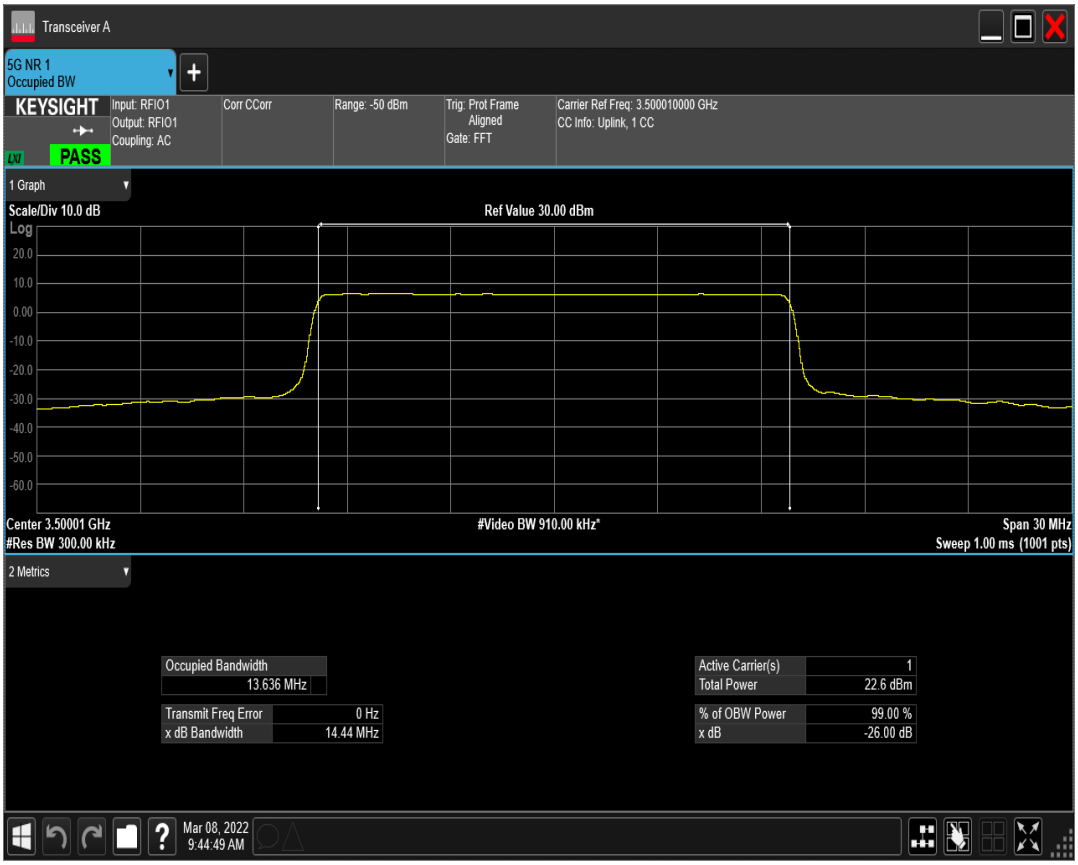
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=633334 RB=36@0



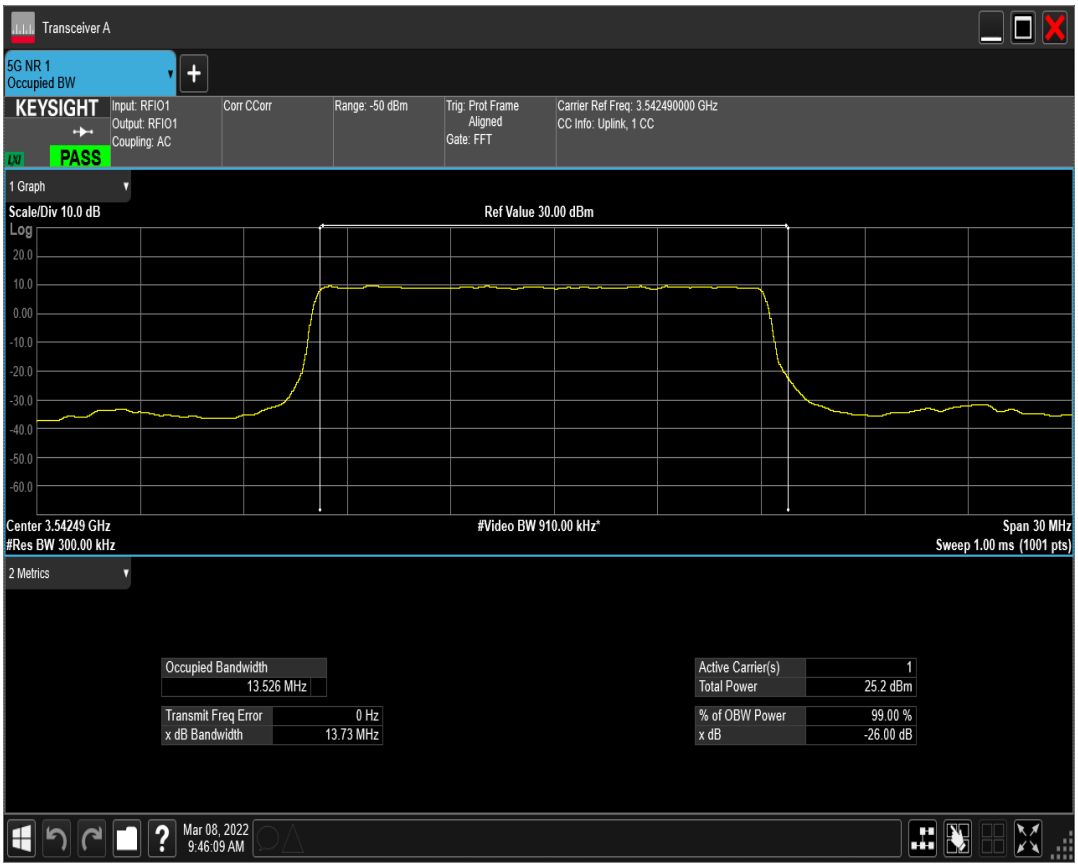
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=633334 RB=36@0



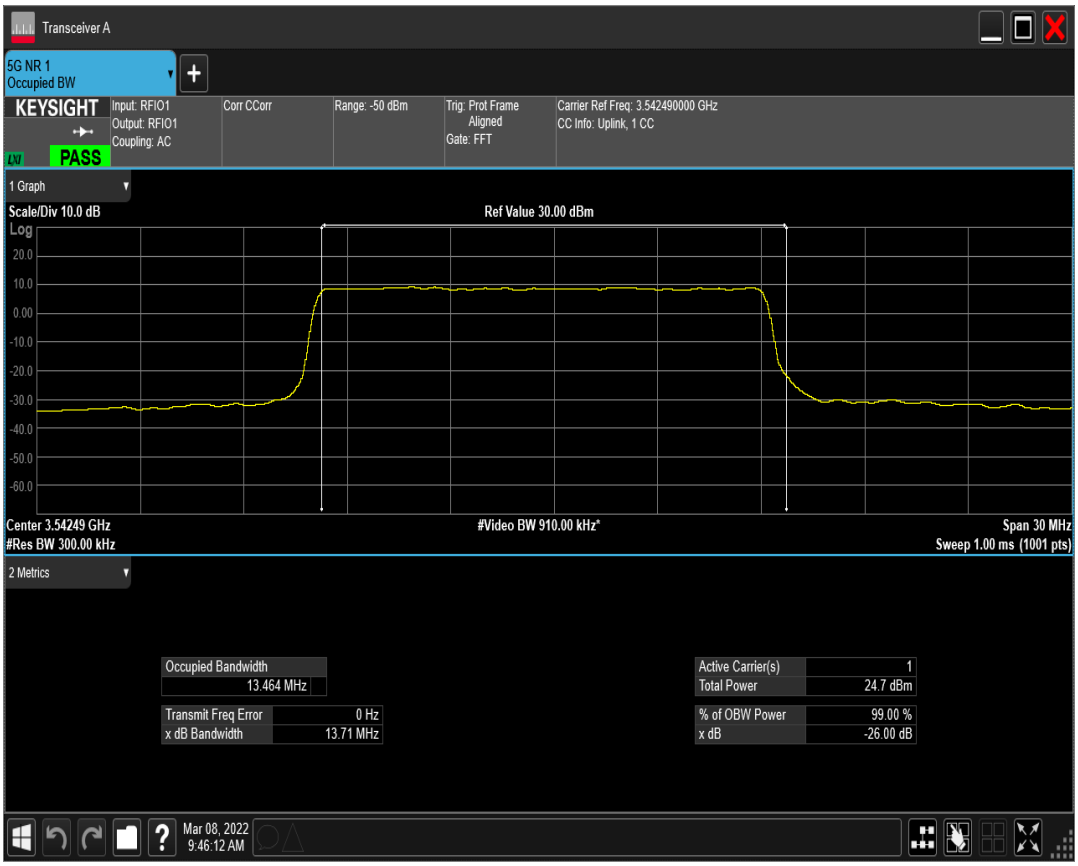
n77(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=633334 RB=38@0



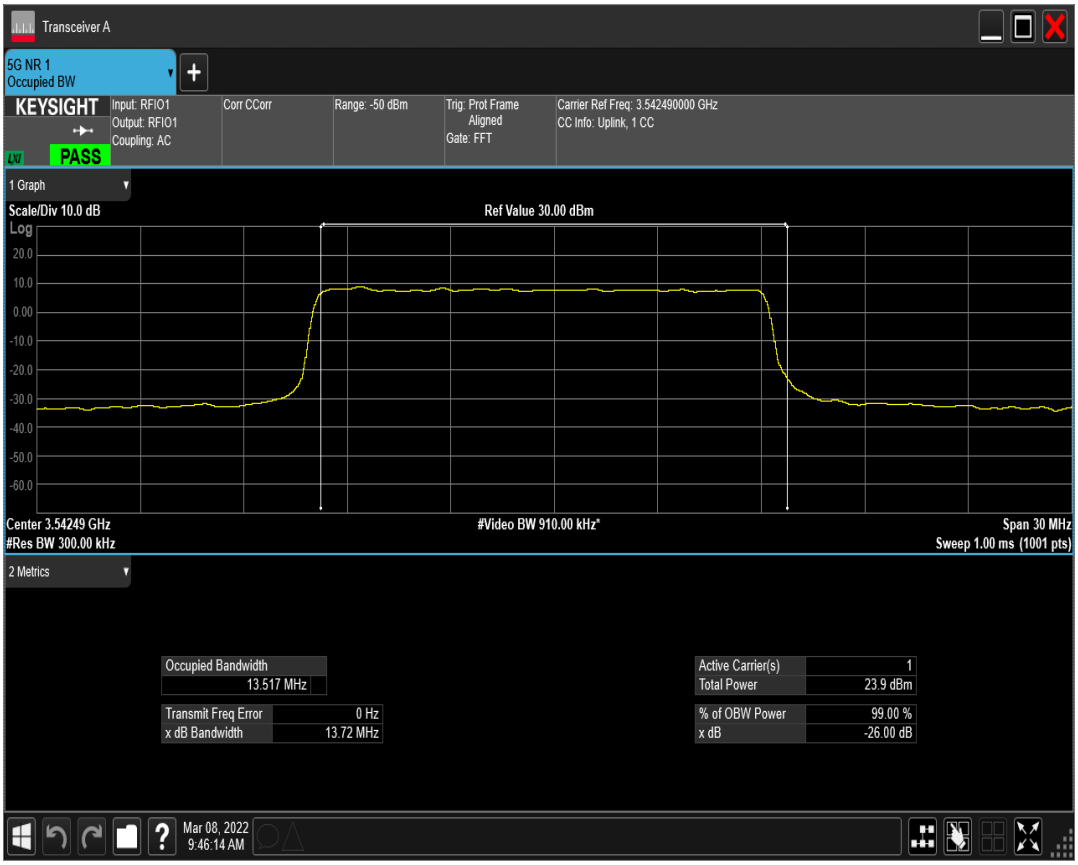
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=636166 RB=36@0



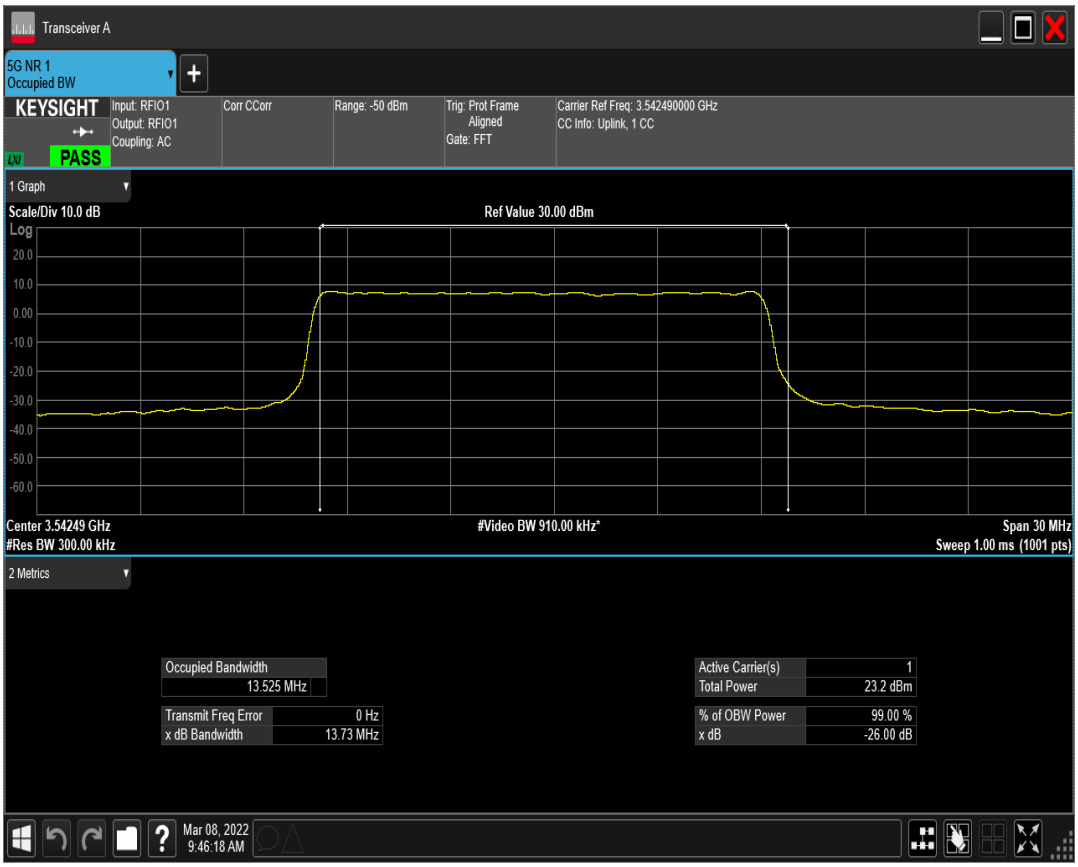
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=636166 RB=36@0



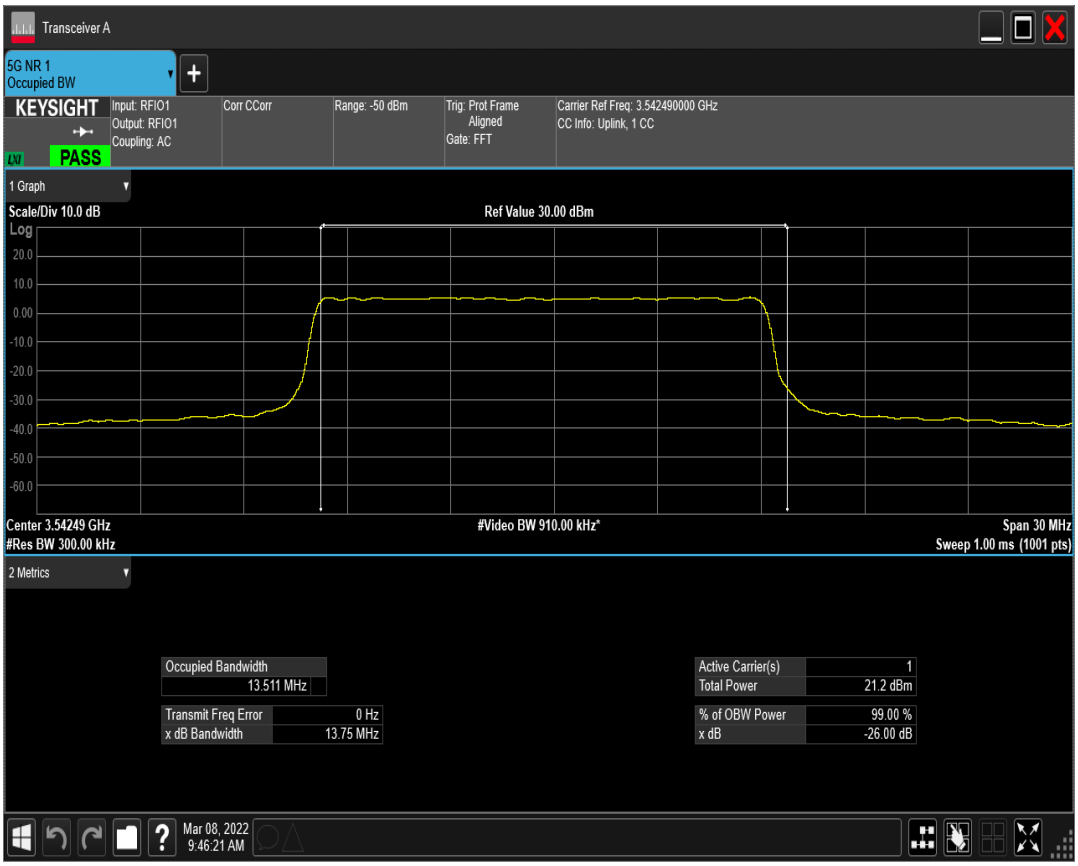
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=636166 RB=36@0



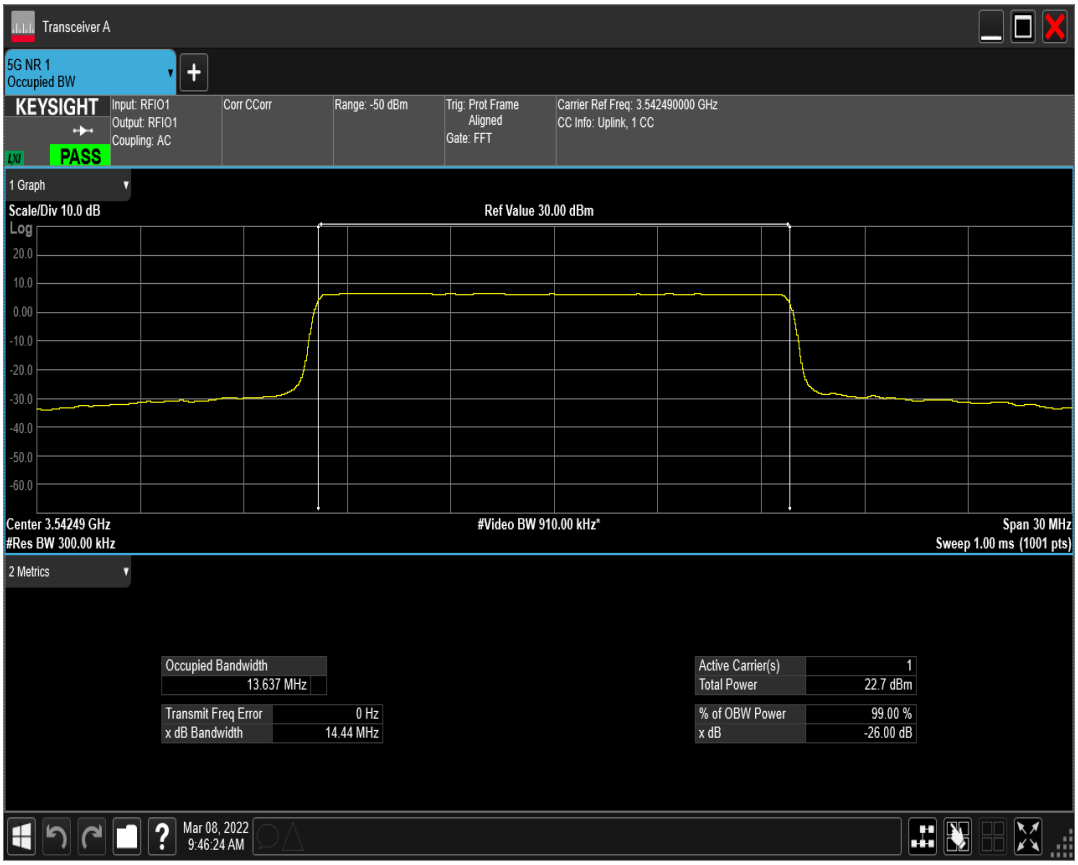
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=636166 RB=36@0



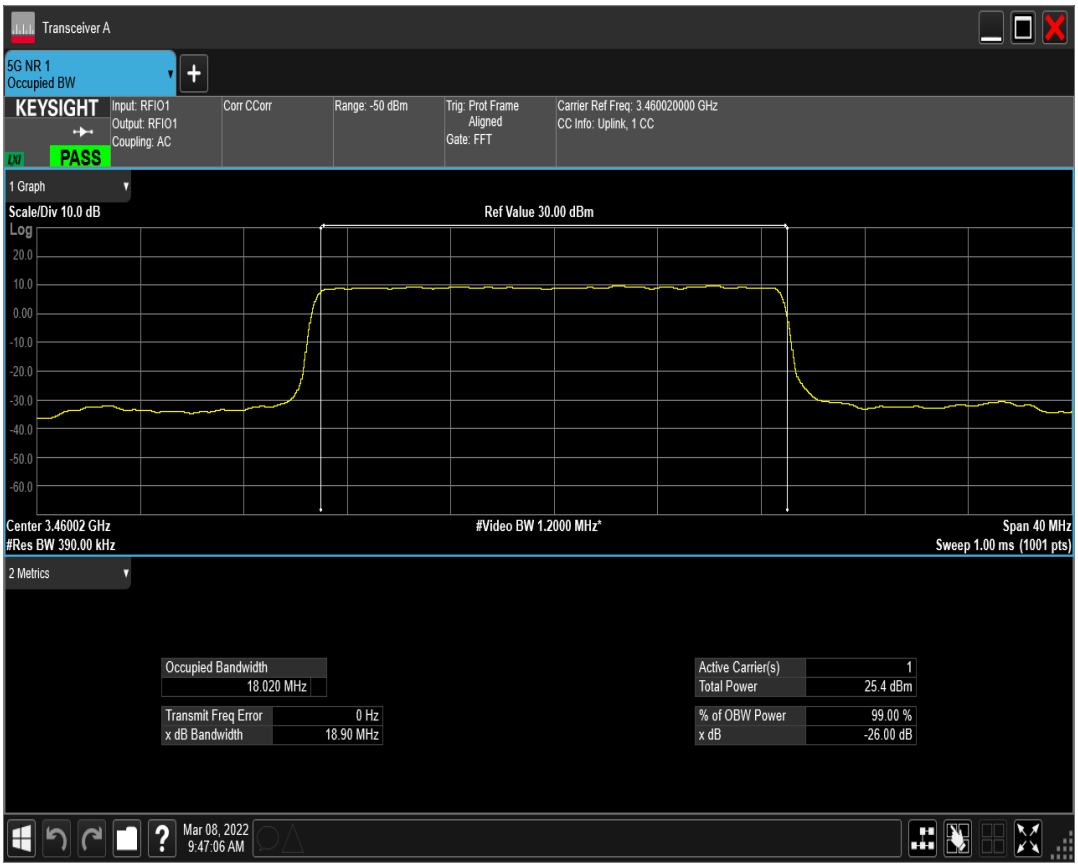
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=636166 RB=36@0



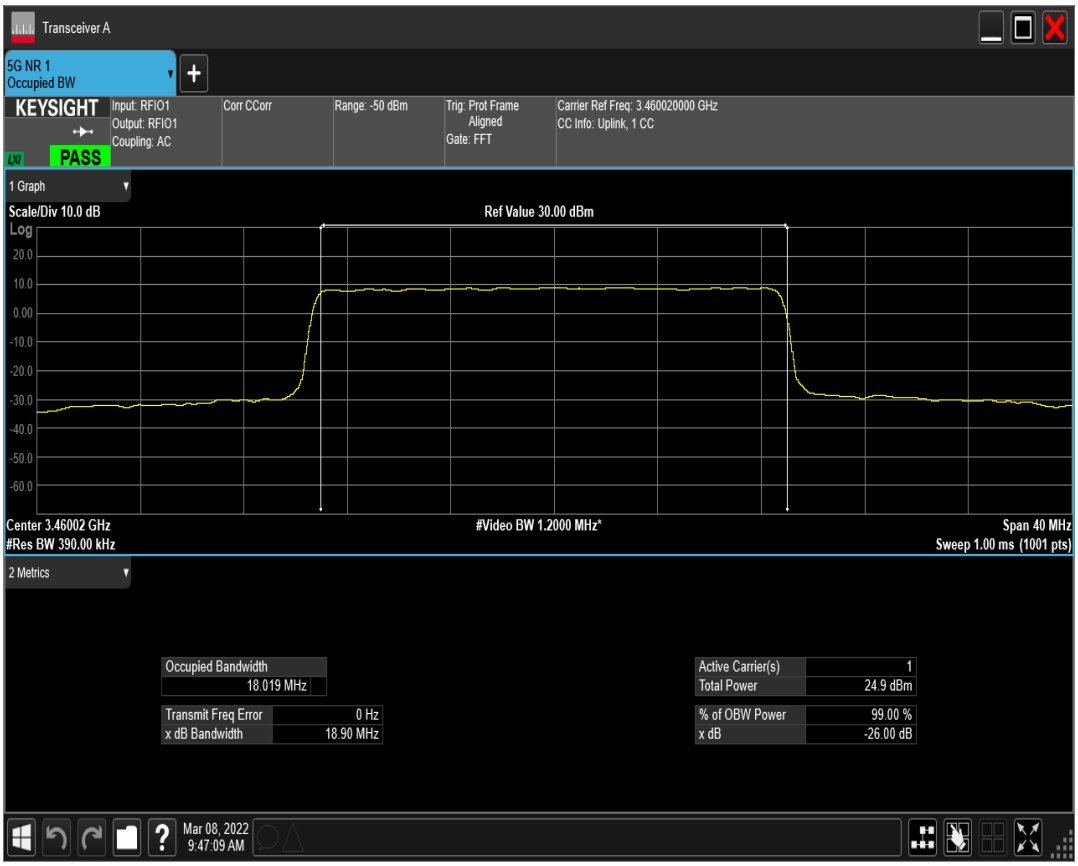
n77(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=636166 RB=38@0



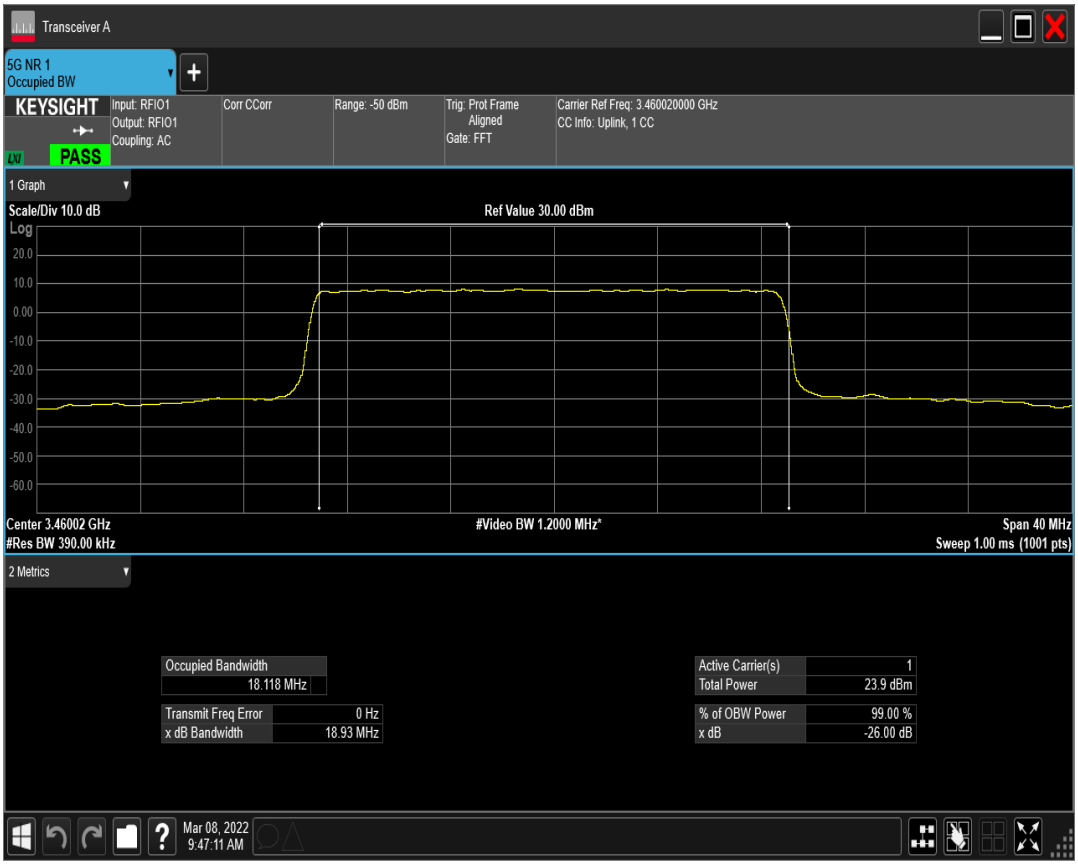
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=630668 RB=50@0



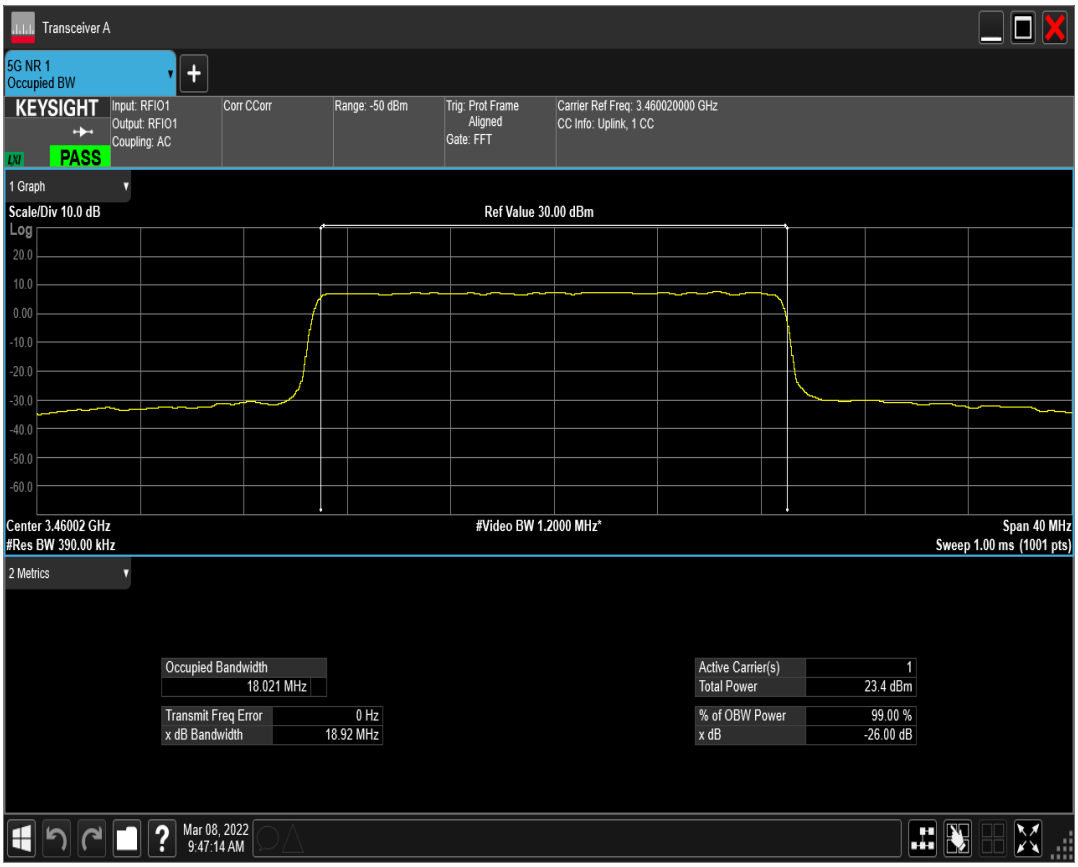
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=630668 RB=50@0



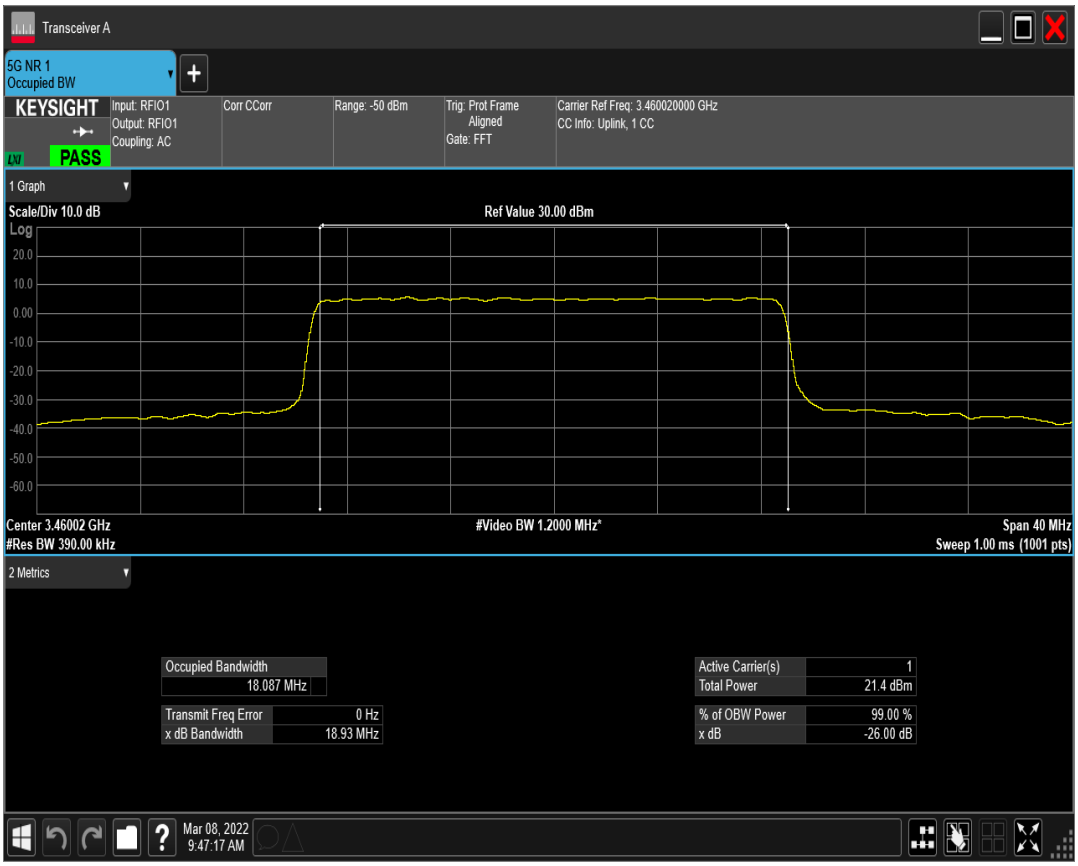
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=630668 RB=50@0



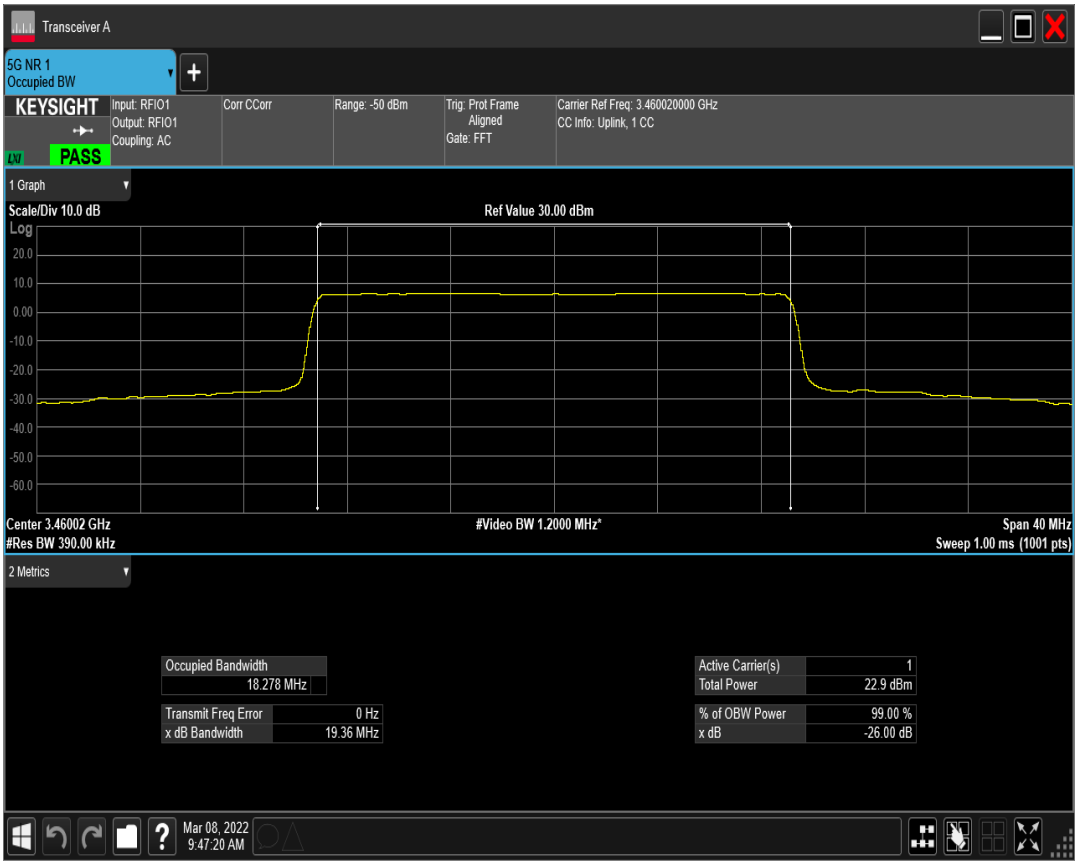
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=20MHz Channel=630668 RB=50@0



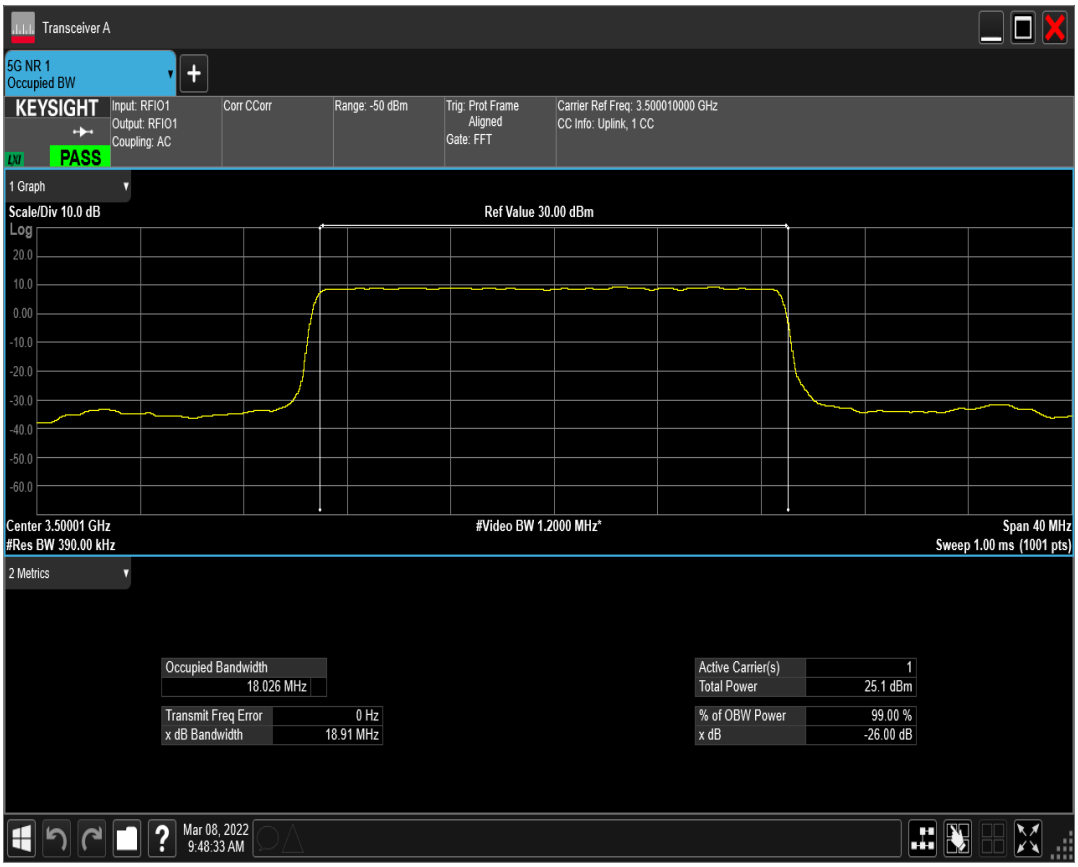
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=630668 RB=50@0



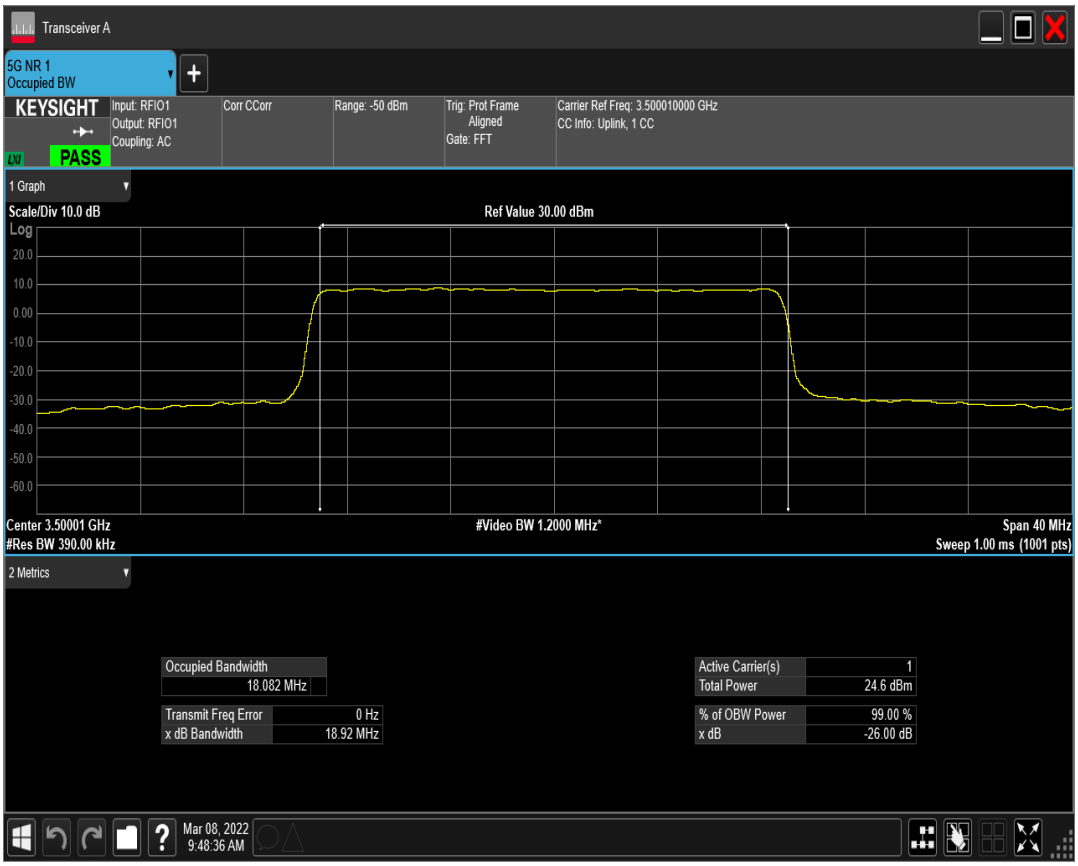
n77(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=630668 RB=51@0



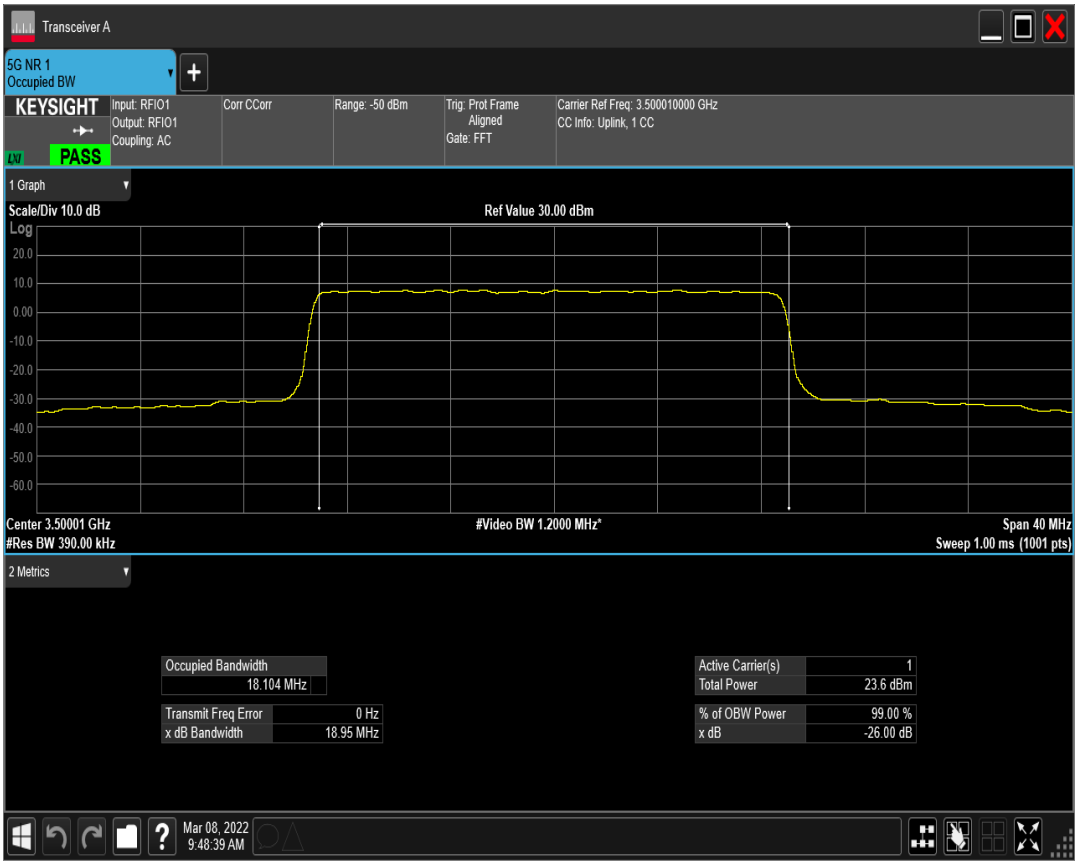
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50@0



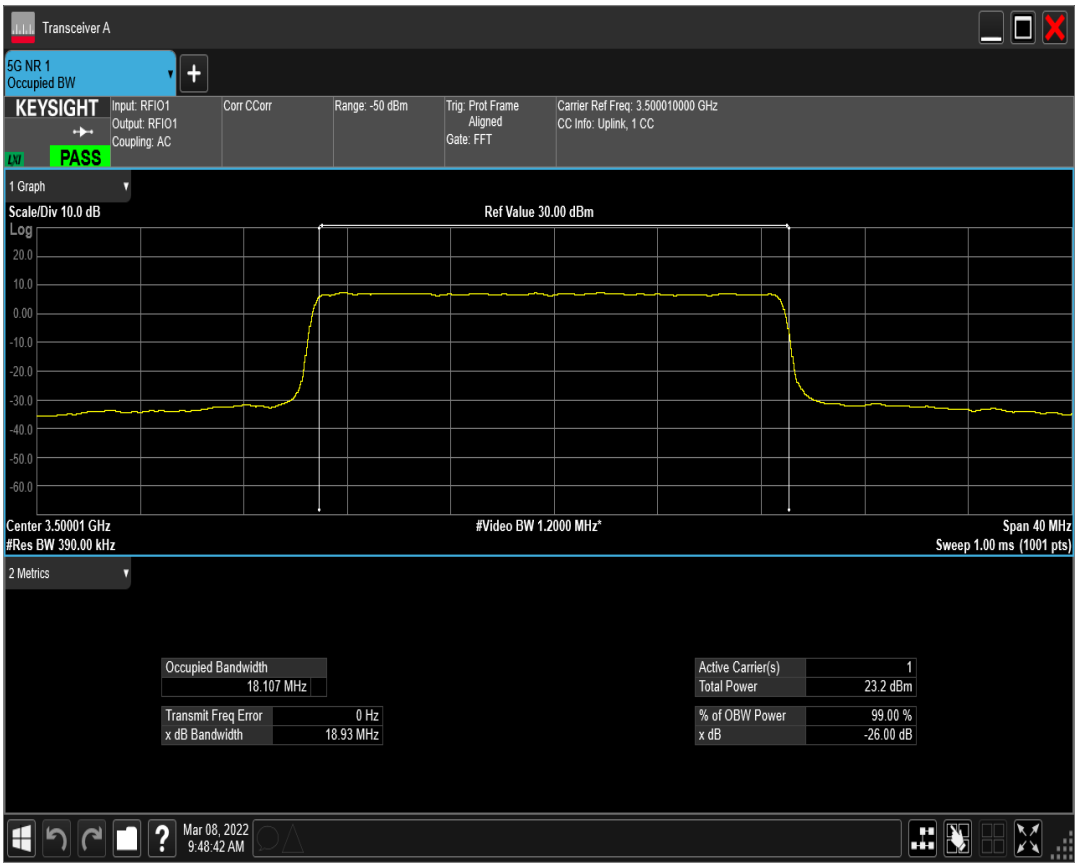
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=50@0



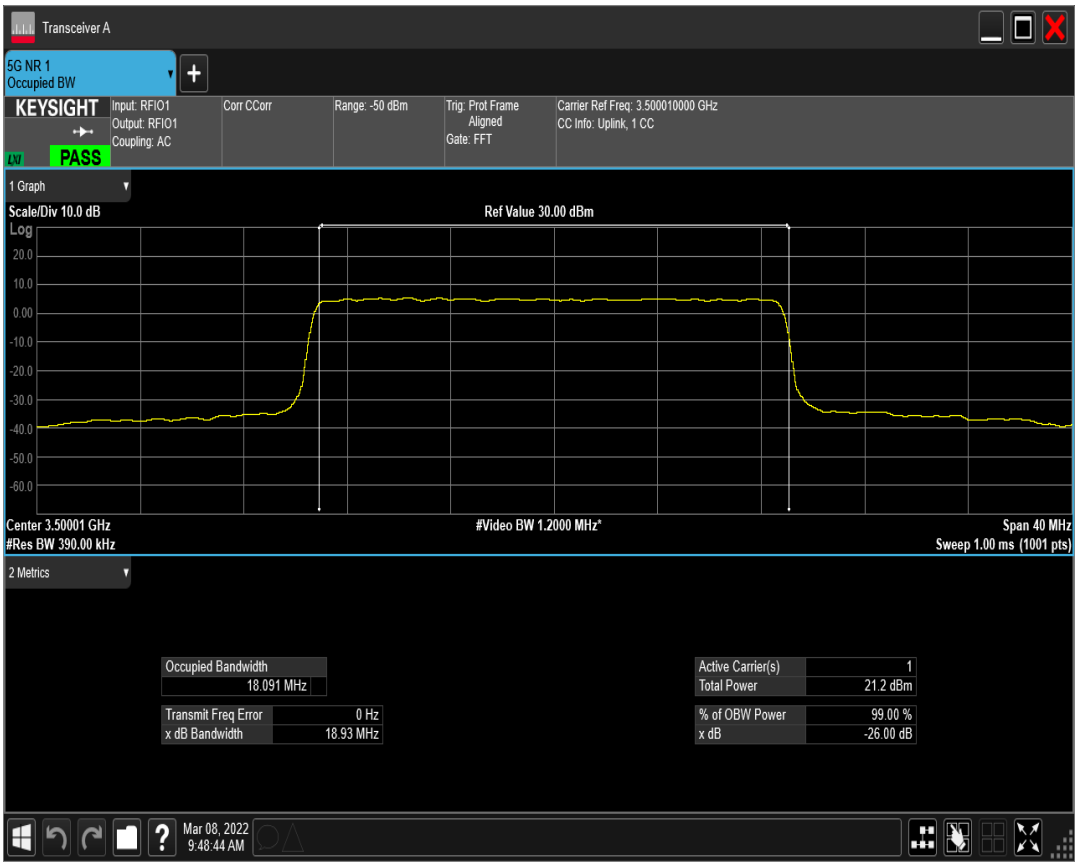
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=633334 RB=50@0



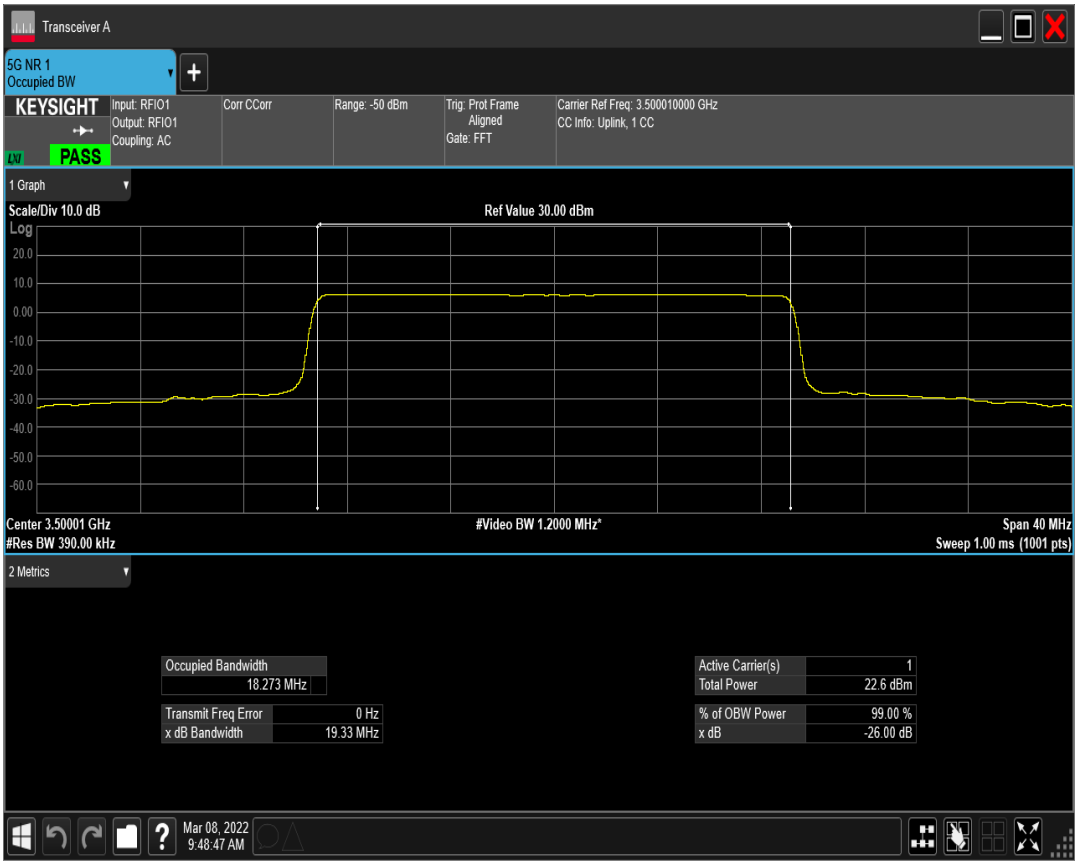
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=20MHz Channel=633334 RB=50@0



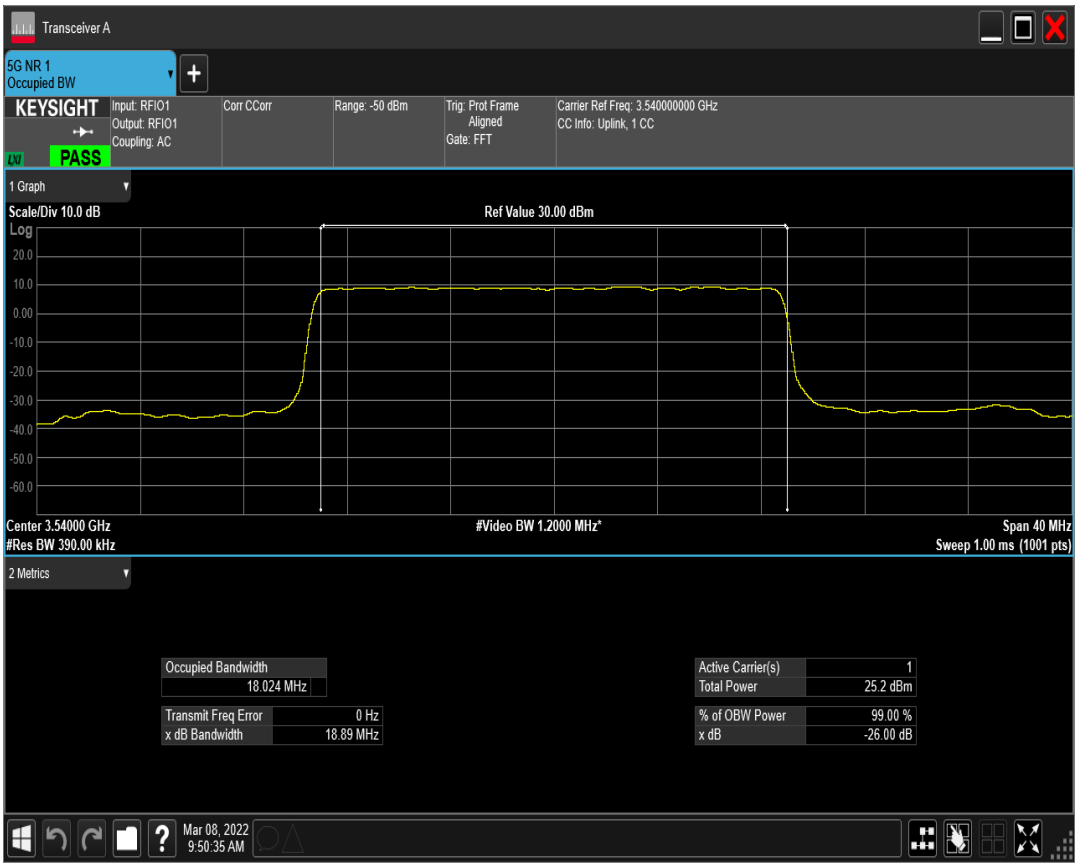
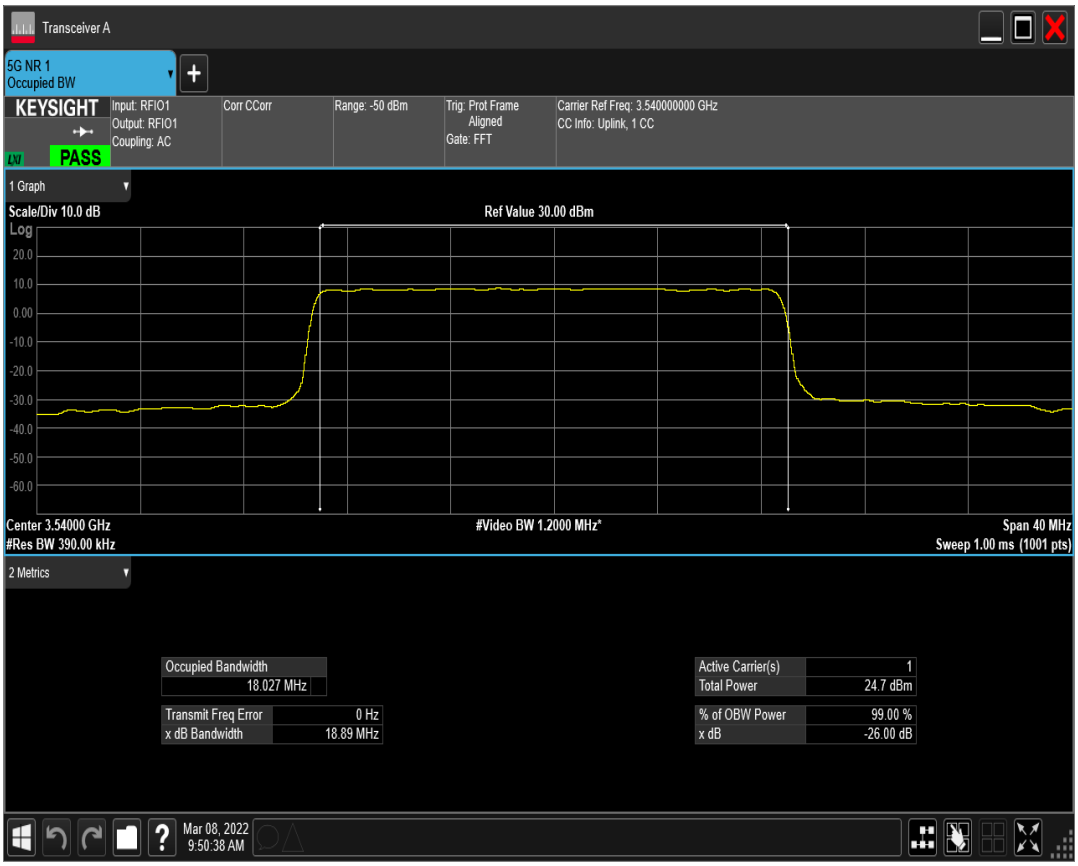
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=633334 RB=50@0



n77(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=633334 RB=51@0



n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=636000 RB=50@0



n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=636000 RB=50@0