1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	25.57	22.86	30	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	25.61	22.9	30	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	25.54	22.83	30	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	25.68	22.97	30	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	25.39	22.68	30	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	25.43	22.72	30	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM16	24.70	21.99	30	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM16	24.63	21.92	30	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM16	24.66	21.95	30	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM64	23.12	20.41	30	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM64	23.11	20.4	30	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM64	22.70	19.99	30	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM256	21.18	18.47	30	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM256	21.07	18.36	30	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM256	21.14	18.43	30	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	24.03	21.32	30	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	24.03	21.32	30	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	23.96	21.25	30	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM16	23.65	20.94	30	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM16	23.87	21.16	30	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM16	23.68	20.97	30	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM64	22.14	19.43	30	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM64	22.30	19.59	30	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM64	22.16	19.45	30	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM256	19.35	16.64	30	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM256	19.27	16.56	30	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM256	19.32	16.61	30	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	25.44	22.73	30	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	25.36	22.65	30	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	25.46	22.75	30	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	25.49	22.78	30	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	25.30	22.59	30	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	25.42	22.71	30	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM16	24.43	21.72	30	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM16	24.54	21.83	30	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM16	24.66	21.95	30	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM64	22.98	20.27	30	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM64	22.89	20.18	30	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM64	22.86	20.15	30	PASS

n77(3450-3550)	30	10	633334	12@6	DFT_QAM256	21.05	18.34	30	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM256	21.01	18.3	30	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM256	20.92	18.21	30	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	24.02	21.31	30	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	23.75	21.04	30	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	23.86	21.15	30	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM16	23.57	20.86	30	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM16	23.65	20.94	30	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM16	23.71	21	30	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM64	22.00	19.29	30	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM64	22.03	19.32	30	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM64	22.13	19.42	30	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM256	19.13	16.42	30	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM256	19.01	16.3	30	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM256	19.22	16.51	30	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	25.36	22.65	30	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	25.29	22.58	30	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	25.26	22.55	30	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	25.33	22.62	30	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	25.23	22.52	30	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	25.18	22.47	30	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM16	24.39	21.68	30	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM16	24.44	21.73	30	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM16	24.44	21.73	30	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM64	22.87	20.16	30	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM64	22.73	20.02	30	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM64	22.67	19.96	30	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM256	20.93	18.22	30	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM256	20.86	18.15	30	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM256	20.87	18.16	30	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	23.89	21.18	30	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	23.59	20.88	30	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	23.65	20.94	30	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM16	23.30	20.59	30	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM16	23.43	20.72	30	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM16	23.29	20.58	30	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM64	21.78	19.07	30	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM64	21.91	19.2	30	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM64	21.94	19.23	30	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM256	18.94	16.23	30	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM256	19.00	16.29	30	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM256	19.00	16.29	30	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	25.62	22.91	30	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	25.56	22.85	30	PASS

n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	25.58	22.87	30	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	25.62	22.91	30	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	25.37	22.66	30	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	25.45	22.74	30	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM16	24.70	21.99	30	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM16	24.78	22.07	30	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM16	24.95	22.24	30	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM64	23.27	20.56	30	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM64	23.08	20.37	30	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM64	23.42	20.71	30	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM256	21.13	18.42	30	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM256	21.04	18.33	30	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM256	21.17	18.46	30	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	24.13	21.42	30	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	23.88	21.17	30	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	24.15	21.44	30	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM16	23.59	20.88	30	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM16	23.77	21.06	30	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM16	23.93	21.22	30	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM64	22.21	19.5	30	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM64	22.30	19.59	30	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM64	22.36	19.65	30	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM256	19.39	16.68	30	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM256	18.98	16.27	30	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM256	19.12	16.41	30	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	25.45	22.74	30	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	25.42	22.71	30	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	25.38	22.67	30	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	25.42	22.71	30	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	25.15	22.44	30	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	25.29	22.58	30	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM16	24.56	21.85	30	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM16	24.58	21.87	30	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM16	24.50	21.79	30	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM64	22.97	20.26	30	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM64	22.90	20.19	30	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM64	22.86	20.15	30	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM256	21.12	18.41	30	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM256	20.98	18.27	30	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM256	20.89	18.18	30	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	24.02	21.31	30	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	23.62	20.91	30	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	23.71	21	30	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM16	23.45	20.74	30	PASS

n77(3450-3550)	30	15	633334	1@1	CP_QAM16	23.73	21.02	30	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM16	23.67	20.96	30	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM64	22.02	19.31	30	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM64	21.93	19.22	30	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM64	21.96	19.25	30	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM256	19.14	16.43	30	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM256	19.03	16.32	30	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM256	19.09	16.38	30	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	25.30	22.59	30	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	25.05	22.34	30	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	25.21	22.5	30	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	25.31	22.6	30	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	24.90	22.19	30	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	25.11	22.4	30	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM16	24.33	21.62	30	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM16	24.12	21.41	30	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM16	24.33	21.62	30	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM64	22.89	20.18	30	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM64	22.51	19.8	30	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM64	22.66	19.95	30	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM256	20.96	18.25	30	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM256	20.71	18	30	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM256	20.71	18	30	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	23.87	21.16	30	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	23.52	20.81	30	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	23.52	20.81	30	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM16	23.22	20.51	30	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM16	23.40	20.69	30	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM16	23.55	20.84	30	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM64	21.91	19.2	30	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM64	21.80	19.09	30	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM64	21.80	19.09	30	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM256	19.03	16.32	30	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM256	18.71	16	30	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM256	18.78	16.07	30	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	25.69	22.98	30	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	25.53	22.82	30	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	25.57	22.86	30	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	25.70	22.99	30	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	25.34	22.63	30	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	25.47	22.76	30	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM16	24.72	22.01	30	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM16	24.69	21.98	30	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM16	24.89	22.18	30	PASS

n77(3450-3550)	30	20	630668	25@12	DFT_QAM64	23.22	20.51	30	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM64	22.97	20.26	30	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM64	23.20	20.49	30	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM256	21.14	18.43	30	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM256	20.96	18.25	30	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM256	21.44	18.73	30	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	24.11	21.4	30	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	23.87	21.16	30	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	24.04	21.33	30	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM16	23.61	20.9	30	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM16	23.56	20.85	30	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM16	23.72	21.01	30	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM64	22.12	19.41	30	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM64	22.18	19.47	30	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM64	22.48	19.77	30	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM256	19.32	16.61	30	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM256	19.23	16.52	30	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM256	19.44	16.73	30	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	25.47	22.76	30	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	25.34	22.63	30	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	25.35	22.64	30	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	25.45	22.74	30	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	25.29	22.58	30	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	25.34	22.63	30	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM16	24.50	21.79	30	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM16	24.51	21.8	30	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM16	24.52	21.81	30	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM64	23.08	20.37	30	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM64	23.11	20.4	30	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM64	22.91	20.2	30	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM256	20.97	18.26	30	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM256	20.87	18.16	30	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM256	20.88	18.17	30	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	23.93	21.22	30	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	23.80	21.09	30	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	23.68	20.97	30	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM16	23.43	20.72	30	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM16	23.60	20.89	30	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM16	23.56	20.85	30	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM64	22.01	19.3	30	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM64	22.02	19.31	30	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM64	22.18	19.47	30	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM256	19.18	16.47	30	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM256	19.10	16.39	30	PASS

n77(3450-3550)	30	20	633334	1@49	CP_QAM256	19.06	16.35	30	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	25.28	22.57	30	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	25.01	22.3	30	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	25.21	22.5	30	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	25.30	22.59	30	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	24.98	22.27	30	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	25.16	22.45	30	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM16	24.30	21.59	30	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM16	24.12	21.41	30	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM16	24.31	21.6	30	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM64	22.83	20.12	30	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM64	22.76	20.05	30	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM64	22.97	20.26	30	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM256	20.75	18.04	30	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM256	20.52	17.81	30	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM256	20.68	17.97	30	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	23.75	21.04	30	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	23.36	20.65	30	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	23.54	20.83	30	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM16	23.23	20.52	30	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM16	23.08	20.37	30	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM16	23.40	20.69	30	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM64	21.71	19	30	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM64	21.83	19.12	30	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM64	21.87	19.16	30	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM256	18.97	16.26	30	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM256	18.69	15.98	30	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM256	18.94	16.23	30	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_BPSK	25.75	23.04	30	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_BPSK	25.36	22.65	30	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_BPSK	25.62	22.91	30	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QPSK	25.75	23.04	30	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QPSK	25.32	22.61	30	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QPSK	25.54	22.83	30	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM16	24.85	22.14	30	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM16	24.54	21.83	30	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM16	24.74	22.03	30	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM64	23.28	20.57	30	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM64	23.17	20.46	30	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM64	23.11	20.4	30	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM256	21.37	18.66	30	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM256	20.97	18.26	30	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM256	21.17	18.46	30	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QPSK	24.35	21.64	30	PASS

n77(3450-3550)	30	30	631000	1@1	CP_QPSK	23.77	21.06	30	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QPSK	23.83	21.12	30	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM16	23.81	21.1	30	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM16	23.56	20.85	30	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM16	23.62	20.91	30	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM64	22.34	19.63	30	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM64	22.03	19.32	30	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM64	22.47	19.76	30	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM256	19.54	16.83	30	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM256	18.75	16.04	30	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM256	19.34	16.63	30	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_BPSK	25.50	22.79	30	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_BPSK	25.38	22.67	30	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_BPSK	25.26	22.55	30	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QPSK	25.45	22.74	30	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QPSK	25.08	22.37	30	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QPSK	25.14	22.43	30	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM16	24.52	21.81	30	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM16	24.41	21.7	30	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM16	24.42	21.71	30	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM64	23.10	20.39	30	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM64	22.89	20.18	30	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM64	22.70	19.99	30	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM256	21.06	18.35	30	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM256	20.80	18.09	30	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM256	20.78	18.07	30	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QPSK	24.00	21.29	30	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QPSK	23.77	21.06	30	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QPSK	23.68	20.97	30	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM16	23.53	20.82	30	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM16	23.65	20.94	30	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM16	23.53	20.82	30	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM64	22.14	19.43	30	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM64	21.89	19.18	30	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM64	21.96	19.25	30	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM256	19.15	16.44	30	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM256	19.02	16.31	30	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM256	18.96	16.25	30	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_BPSK	25.21	22.5	30	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_BPSK	25.11	22.4	30	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_BPSK	25.11	22.4	30	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QPSK	25.17	22.46	30	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QPSK	24.90	22.19	30	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QPSK	24.87	22.16	30	PASS

n77(3450-3550)	30	30	635666	36@18	DFT_QAM16	24.20	21.49	30	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM16	24.17	21.46	30	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM16	24.10	21.39	30	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM64	22.71	20	30	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM64	22.11	19.4	30	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM64	22.62	19.91	30	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM256	20.81	18.1	30	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM256	20.78	18.07	30	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM256	20.57	17.86	30	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QPSK	23.74	21.03	30	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QPSK	23.46	20.75	30	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QPSK	23.53	20.82	30	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM16	23.24	20.53	30	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM16	23.41	20.7	30	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM16	23.49	20.78	30	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM64	21.81	19.1	30	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM64	21.60	18.89	30	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM64	21.66	18.95	30	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM256	18.87	16.16	30	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM256	18.76	16.05	30	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM256	18.83	16.12	30	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	25.86	23.15	30	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	25.12	22.41	30	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	25.00	22.29	30	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	25.81	23.1	30	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	25.00	22.29	30	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	24.93	22.22	30	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM16	24.77	22.06	30	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM16	24.30	21.59	30	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM16	24.16	21.45	30	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM64	23.37	20.66	30	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM64	22.73	20.02	30	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM64	22.62	19.91	30	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM256	21.35	18.64	30	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM256	20.87	18.16	30	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM256	20.56	17.85	30	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	24.26	21.55	30	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	23.45	20.74	30	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	23.49	20.78	30	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM16	23.78	21.07	30	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM16	23.50	20.79	30	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM16	23.33	20.62	30	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM64	22.30	19.59	30	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM64	21.87	19.16	30	PASS

n77(3450-3550)	30	40	631334	1@104	CP_QAM64	21.76	19.05	30	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM256	19.49	16.78	30	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM256	18.83	16.12	30	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM256	18.76	16.05	30	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	25.49	22.78	30	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	25.29	22.58	30	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	24.93	22.22	30	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	25.53	22.82	30	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	25.24	22.53	30	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	24.86	22.15	30	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM16	24.51	21.8	30	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM16	24.42	21.71	30	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM16	24.13	21.42	30	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM64	23.00	20.29	30	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM64	22.84	20.13	30	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM64	22.46	19.75	30	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM256	21.03	18.32	30	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM256	20.77	18.06	30	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM256	20.39	17.68	30	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	23.99	21.28	30	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	23.70	20.99	30	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	23.25	20.54	30	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM16	23.53	20.82	30	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM16	23.48	20.77	30	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM16	23.16	20.45	30	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM64	21.97	19.26	30	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM64	21.96	19.25	30	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM64	21.57	18.86	30	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM256	19.14	16.43	30	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM256	19.04	16.33	30	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM256	18.34	15.63	30	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	25.20	22.49	30	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	24.94	22.23	30	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	24.89	22.18	30	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	25.20	22.49	30	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	24.83	22.12	30	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	24.61	21.9	30	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM16	24.23	21.52	30	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM16	24.14	21.43	30	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM16	24.04	21.33	30	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM64	22.76	20.05	30	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM64	22.51	19.8	30	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM64	22.36	19.65	30	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM256	20.72	18.01	30	PASS

n77(3450-3550)	30	40	635332	1@1	DFT_QAM256	20.62	17.91	30	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM256	20.41	17.7	30	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	23.64	20.93	30	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	23.43	20.72	30	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	23.26	20.55	30	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM16	23.20	20.49	30	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM16	23.28	20.57	30	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM16	23.15	20.44	30	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM64	21.67	18.96	30	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM64	21.64	18.93	30	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM64	21.44	18.73	30	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM256	18.85	16.14	30	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM256	18.69	15.98	30	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM256	18.48	15.77	30	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	25.89	23.18	30	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	25.38	22.67	30	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	25.37	22.66	30	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	25.87	23.16	30	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	25.19	22.48	30	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	25.16	22.45	30	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM16	24.92	22.21	30	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM16	24.65	21.94	30	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM16	24.54	21.83	30	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM64	23.40	20.69	30	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM64	22.95	20.24	30	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM64	22.82	20.11	30	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM256	21.41	18.7	30	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM256	20.98	18.27	30	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM256	20.96	18.25	30	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	24.28	21.57	30	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	23.81	21.1	30	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	23.63	20.92	30	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM16	23.77	21.06	30	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM16	23.68	20.97	30	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM16	23.27	20.56	30	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM64	22.31	19.6	30	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM64	22.07	19.36	30	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM64	21.93	19.22	30	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM256	19.51	16.8	30	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM256	19.12	16.41	30	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM256	19.08	16.37	30	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	25.54	22.83	30	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	25.68	22.97	30	PASS

n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	25.09	22.38	30	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	25.53	22.82	30	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	25.46	22.75	30	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	24.95	22.24	30	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM16	24.63	21.92	30	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM16	24.76	22.05	30	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM16	24.27	21.56	30	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM64	23.03	20.32	30	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM64	23.42	20.71	30	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM64	22.84	20.13	30	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM256	21.12	18.41	30	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM256	21.22	18.51	30	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM256	20.63	17.92	30	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	23.98	21.27	30	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	24.00	21.29	30	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	23.39	20.68	30	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM16	23.50	20.79	30	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM16	23.72	21.01	30	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM16	23.32	20.61	30	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM64	22.08	19.37	30	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM64	22.38	19.67	30	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM64	21.98	19.27	30	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM256	19.20	16.49	30	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM256	19.49	16.78	30	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM256	18.88	16.17	30	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	25.32	22.61	30	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	25.27	22.56	30	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	25.19	22.48	30	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	25.33	22.62	30	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	25.29	22.58	30	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	25.10	22.39	30	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM16	24.38	21.67	30	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM16	24.51	21.8	30	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM16	24.29	21.58	30	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM64	22.83	20.12	30	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM64	22.89	20.18	30	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM64	22.68	19.97	30	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM256	20.80	18.09	30	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM256	20.82	18.11	30	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM256	20.64	17.93	30	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	23.74	21.03	30	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	23.58	20.87	30	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	23.54	20.83	30	PASS

n77(3450-3550)	30	50	635000	67@33	CP_QAM16	23.27	20.56	30	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM16	23.54	20.83	30	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM16	23.40	20.69	30	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM64	21.76	19.05	30	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM64	22.18	19.47	30	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM64	22.03	19.32	30	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM256	18.85	16.14	30	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM256	19.03	16.32	30	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM256	18.54	15.83	30	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	25.80	23.09	30	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	25.15	22.44	30	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	25.14	22.43	30	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	25.75	23.04	30	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	25.15	22.44	30	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	25.04	22.33	30	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM16	24.80	22.09	30	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM16	24.26	21.55	30	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM16	24.20	21.49	30	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM64	23.33	20.62	30	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM64	22.39	19.68	30	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM64	22.22	19.51	30	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM256	21.26	18.55	30	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM256	20.87	18.16	30	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM256	20.84	18.13	30	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	24.20	21.49	30	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	23.71	21	30	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	23.69	20.98	30	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM16	23.64	20.93	30	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM16	23.65	20.94	30	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM16	23.56	20.85	30	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM64	22.34	19.63	30	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM64	21.82	19.11	30	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM64	21.73	19.02	30	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM256	19.43	16.72	30	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM256	19.01	16.3	30	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM256	18.91	16.2	30	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	25.51	22.8	30	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	25.43	22.72	30	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	24.74	22.03	30	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	25.48	22.77	30	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	25.36	22.65	30	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	24.63	21.92	30	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM16	24.62	21.91	30	PASS

n77(3450-3550)	30	60	633334	1@1	DFT_QAM16	24.71	22	30	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM16	24.01	21.3	30	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM64	23.08	20.37	30	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM64	22.64	19.93	30	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM64	21.91	19.2	30	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM256	21.08	18.37	30	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM256	21.09	18.38	30	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM256	20.45	17.74	30	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	23.98	21.27	30	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	23.97	21.26	30	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	23.20	20.49	30	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM16	23.47	20.76	30	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM16	23.85	21.14	30	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM16	23.17	20.46	30	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM64	22.06	19.35	30	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM64	22.28	19.57	30	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM64	21.46	18.75	30	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM256	19.14	16.43	30	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM256	19.29	16.58	30	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM256	18.55	15.84	30	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	25.29	22.58	30	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	25.06	22.35	30	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	25.00	22.29	30	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	25.33	22.62	30	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	24.97	22.26	30	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	24.84	22.13	30	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM16	24.39	21.68	30	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM16	24.31	21.6	30	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM16	24.13	21.42	30	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM64	22.85	20.14	30	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM64	22.23	19.52	30	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM64	22.48	19.77	30	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM256	20.89	18.18	30	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM256	20.88	18.17	30	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM256	20.68	17.97	30	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	23.78	21.07	30	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	23.56	20.85	30	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	23.36	20.65	30	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM16	23.22	20.51	30	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM16	23.51	20.8	30	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM16	23.33	20.62	30	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM64	21.85	19.14	30	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM64	21.71	19	30	PASS

n77(3450-3550)	30	60	634666	1@160	CP_QAM64	21.72	19.01	30	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM256	18.90	16.19	30	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM256	18.90	16.19	30	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM256	18.77	16.06	30	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	25.71	23	30	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	25.15	22.44	30	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	24.65	21.94	30	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	25.68	22.97	30	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	24.92	22.21	30	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	24.42	21.71	30	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM16	24.77	22.06	30	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM16	24.37	21.66	30	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM16	23.85	21.14	30	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM64	23.23	20.52	30	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM64	22.26	19.55	30	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM64	22.14	19.43	30	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM256	21.17	18.46	30	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM256	20.97	18.26	30	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM256	20.30	17.59	30	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	24.25	21.54	30	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	23.63	20.92	30	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	23.11	20.4	30	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM16	23.71	21	30	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM16	23.34	20.63	30	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM16	22.80	20.09	30	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM64	22.23	19.52	30	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM64	21.57	18.86	30	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM64	21.11	18.4	30	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM256	19.33	16.62	30	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM256	18.72	16.01	30	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM256	18.21	15.5	30	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	25.65	22.94	30	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	25.21	22.5	30	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	24.72	22.01	30	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	25.64	22.93	30	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	25.04	22.33	30	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	24.60	21.89	30	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM16	24.62	21.91	30	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM16	24.46	21.75	30	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM16	24.00	21.29	30	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM64	23.10	20.39	30	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM64	22.99	20.28	30	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM64	22.54	19.83	30	PASS

n77(3450-3550)	30	80	633334	108@54	DFT_QAM256	21.17	18.46	30	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM256	20.69	17.98	30	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM256	20.27	17.56	30	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	24.02	21.31	30	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	23.67	20.96	30	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	23.26	20.55	30	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM16	23.63	20.92	30	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM16	23.22	20.51	30	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM16	22.87	20.16	30	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM64	22.18	19.47	30	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM64	22.03	19.32	30	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM64	21.61	18.9	30	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM256	19.23	16.52	30	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM256	19.02	16.31	30	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM256	18.27	15.56	30	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	25.53	22.82	30	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	25.33	22.62	30	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	24.86	22.15	30	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	25.50	22.79	30	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	25.23	22.52	30	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	24.66	21.95	30	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM16	24.54	21.83	30	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM16	24.62	21.91	30	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM16	24.05	21.34	30	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM64	22.99	20.28	30	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM64	23.18	20.47	30	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM64	22.36	19.65	30	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM256	21.07	18.36	30	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM256	20.94	18.23	30	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM256	20.41	17.7	30	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	23.96	21.25	30	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	23.64	20.93	30	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QPSK	23.17	20.46	30	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM16	23.50	20.79	30	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM16	23.78	21.07	30	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM16	23.04	20.33	30	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM64	22.02	19.31	30	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM64	22.24	19.53	30	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM64	21.70	18.99	30	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM256	19.16	16.45	30	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM256	18.94	16.23	30	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM256	18.34	15.63	30	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	25.63	22.92	30	PASS

n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	24.99	22.28	30	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	24.65	21.94	30	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	25.54	22.83	30	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	25.05	22.34	30	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	24.65	21.94	30	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM16	24.64	21.93	30	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM16	24.12	21.41	30	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM16	23.75	21.04	30	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM64	23.10	20.39	30	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM64	22.76	20.05	30	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM64	22.43	19.72	30	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM256	21.18	18.47	30	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM256	20.43	17.72	30	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM256	19.97	17.26	30	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	24.10	21.39	30	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	23.39	20.68	30	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	22.91	20.2	30	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM16	23.52	20.81	30	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM16	23.15	20.44	30	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM16	22.71	20	30	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM64	22.06	19.35	30	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM64	21.83	19.12	30	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM64	21.46	18.75	30	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM256	19.22	16.51	30	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM256	18.62	15.91	30	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM256	18.24	15.53	30	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	25.53	22.82	30	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	24.90	22.19	30	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	24.67	21.96	30	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	25.51	22.8	30	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	24.96	22.25	30	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	24.73	22.02	30	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM16	24.61	21.9	30	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM16	24.04	21.33	30	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM16	23.76	21.05	30	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM64	23.14	20.43	30	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM64	22.77	20.06	30	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM64	22.42	19.71	30	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM256	21.09	18.38	30	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM256	20.42	17.71	30	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM256	20.07	17.36	30	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	23.97	21.26	30	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	23.28	20.57	30	PASS

n77(3450-3550)	30	90	633334	1@243	CP_QPSK	22.98	20.27	30	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM16	23.51	20.8	30	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM16	23.10	20.39	30	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM16	22.80	20.09	30	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM64	22.08	19.37	30	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM64	21.78	19.07	30	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM64	21.41	18.7	30	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM256	19.23	16.52	30	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM256	18.51	15.8	30	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM256	18.19	15.48	30	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	25.50	22.79	30	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	25.08	22.37	30	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	24.67	21.96	30	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	25.50	22.79	30	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	25.11	22.4	30	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	24.75	22.04	30	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM16	24.43	21.72	30	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM16	24.15	21.44	30	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM16	23.78	21.07	30	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM64	22.97	20.26	30	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM64	22.91	20.2	30	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM64	22.44	19.73	30	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM256	20.97	18.26	30	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM256	20.53	17.82	30	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM256	20.09	17.38	30	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	23.96	21.25	30	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	23.46	20.75	30	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	23.05	20.34	30	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM16	23.42	20.71	30	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM16	23.22	20.51	30	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM16	22.79	20.08	30	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM64	22.03	19.32	30	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM64	21.94	19.23	30	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM64	21.55	18.84	30	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM256	19.11	16.4	30	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM256	18.72	16.01	30	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM256	18.29	15.58	30	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	25.56	22.85	30	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	24.71	22	30	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	24.49	21.78	30	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	25.49	22.78	30	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	24.67	21.96	30	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	24.36	21.65	30	PASS

n77(3450-3550)	30	100	633334	135@67	DFT_QAM16	24.51	21.8	30	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM16	23.90	21.19	30	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM16	23.50	20.79	30	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM64	23.10	20.39	30	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM64	22.26	19.55	30	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM64	21.92	19.21	30	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM256	21.05	18.34	30	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM256	20.39	17.68	30	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM256	19.97	17.26	30	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	24.05	21.34	30	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	23.13	20.42	30	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	22.79	20.08	30	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM16	23.54	20.83	30	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM16	23.26	20.55	30	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM16	22.91	20.2	30	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM64	22.05	19.34	30	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM64	21.53	18.82	30	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM64	21.15	18.44	30	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM256	19.30	16.59	30	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM256	18.57	15.86	30	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM256	18.23	15.52	30	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	-19.75	-0.01	Within authorized band for 5G NR n77	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	3.45	-20.28	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	4.45	-17.11	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	3.87	-18.48	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	3.45	-19.43	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	4.45	-15.50	0.00		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	-20.99	-0.01	Within authorized band for 5G NR n77	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	-20	-16	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	-10	-13.3	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	0	-18.02	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	10	-19.95	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	20	-14.63	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	30	-15.48	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	40	-13.68	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	50	-19.58	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-30	-19.18	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-20	-21.02	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-10	-21.05	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	0	-15.87	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	10	-14.91	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	20	-14.2	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	30	-16.77	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	40	-20.28	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	50	-21.93	-0.01		PASS

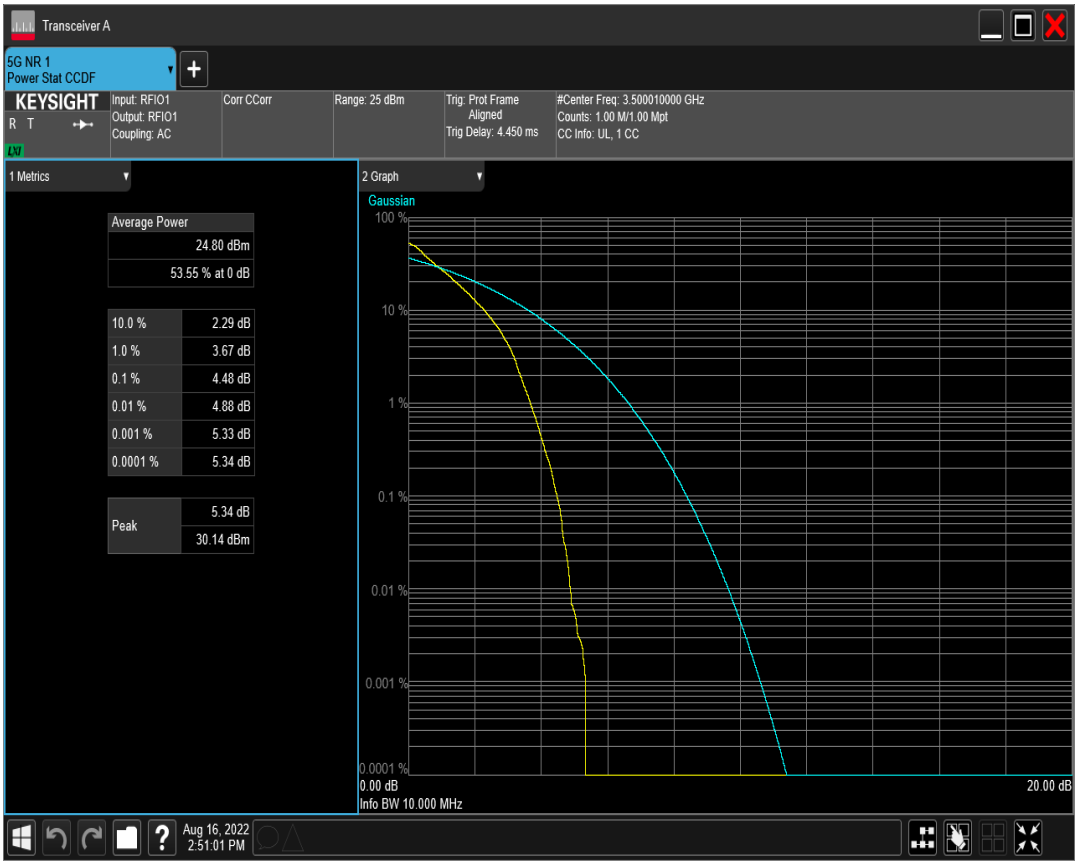
Note: Only the worst case shown in the report.

3 Peak-to-Average Ratio for NR FR1

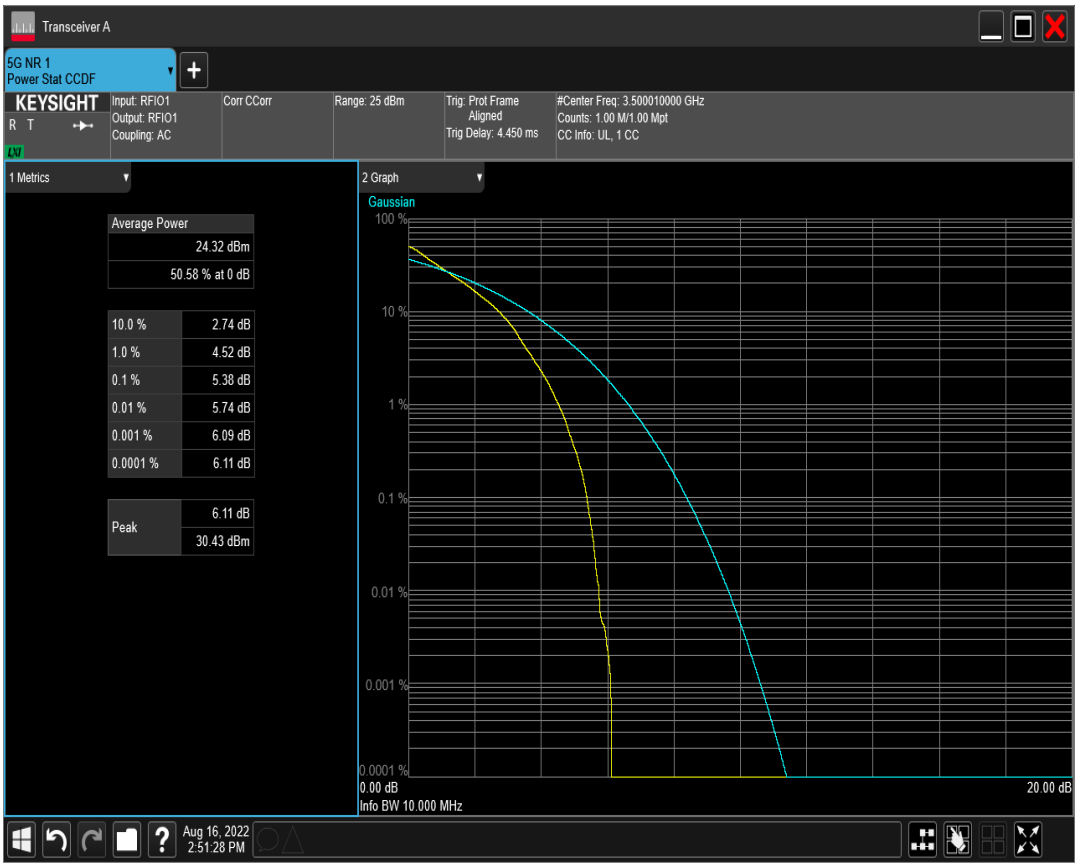
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	4.48	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	5.38	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	6.22	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	6.42	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	7.00	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	4.49	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	5.51	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	6.24	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	6.45	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	6.91	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	4.46	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	5.55	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	6.30	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	6.58	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	6.90	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	4.53	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	5.49	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	6.32	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	6.52	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	6.94	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	4.64	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	5.62	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	6.27	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	6.67	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	7.02	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	4.87	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	6.37	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	6.70	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	6.96	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	4.49	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	5.57	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	6.36	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	6.66	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	6.91	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	5.06	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	5.66	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	6.49	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	6.66	13	PASS

n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	6.93	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	4.78	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	5.67	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	6.40	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	6.65	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	6.93	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	5.06	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	5.71	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	6.40	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	6.72	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	7.07	13	PASS

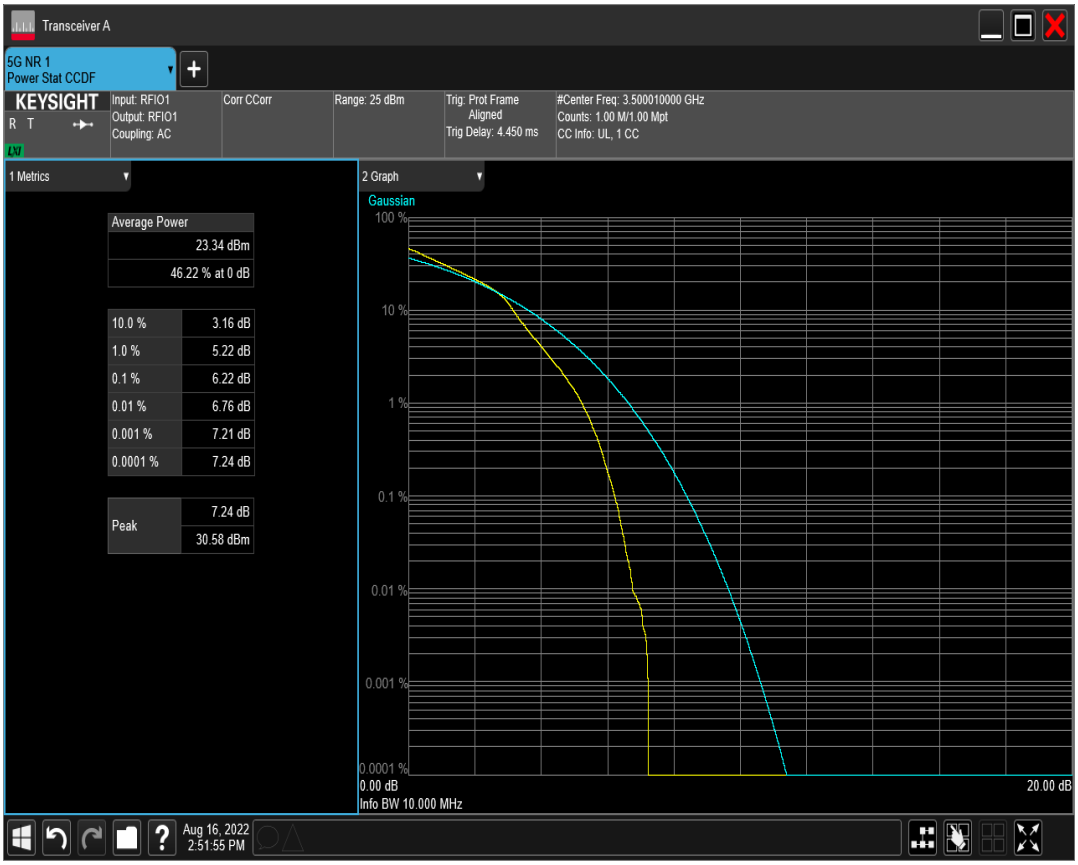
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



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



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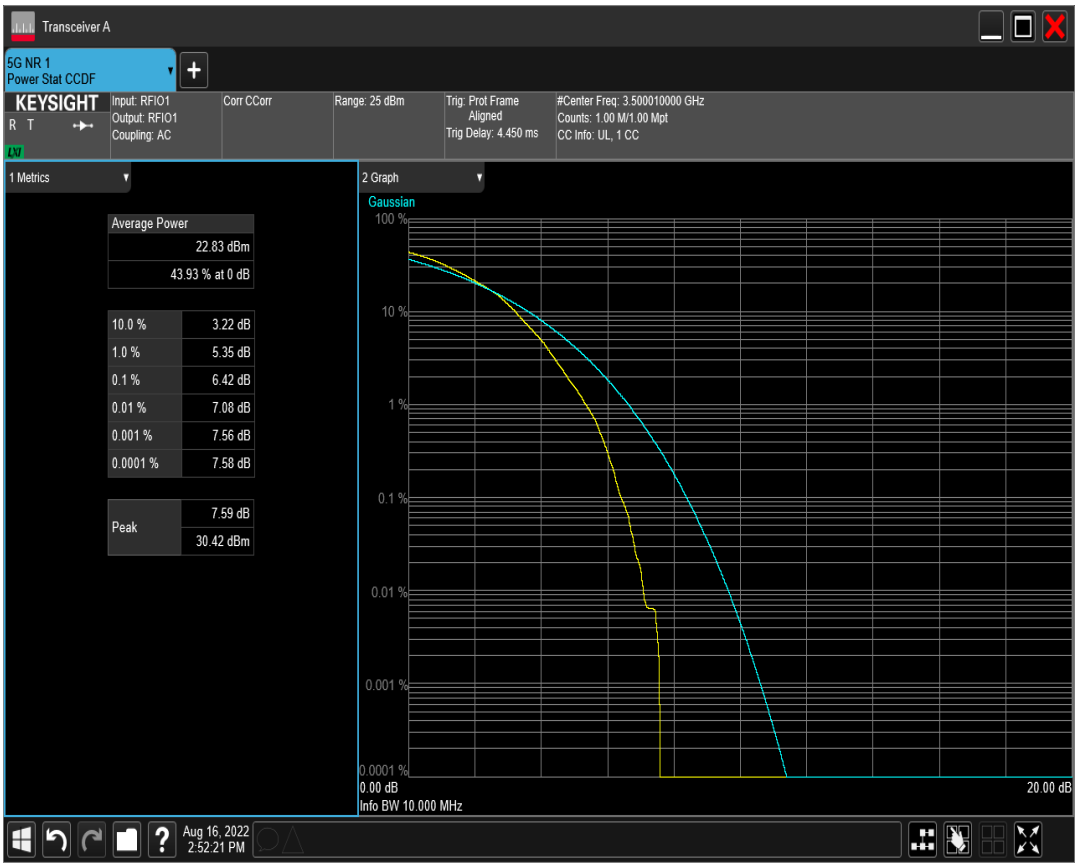
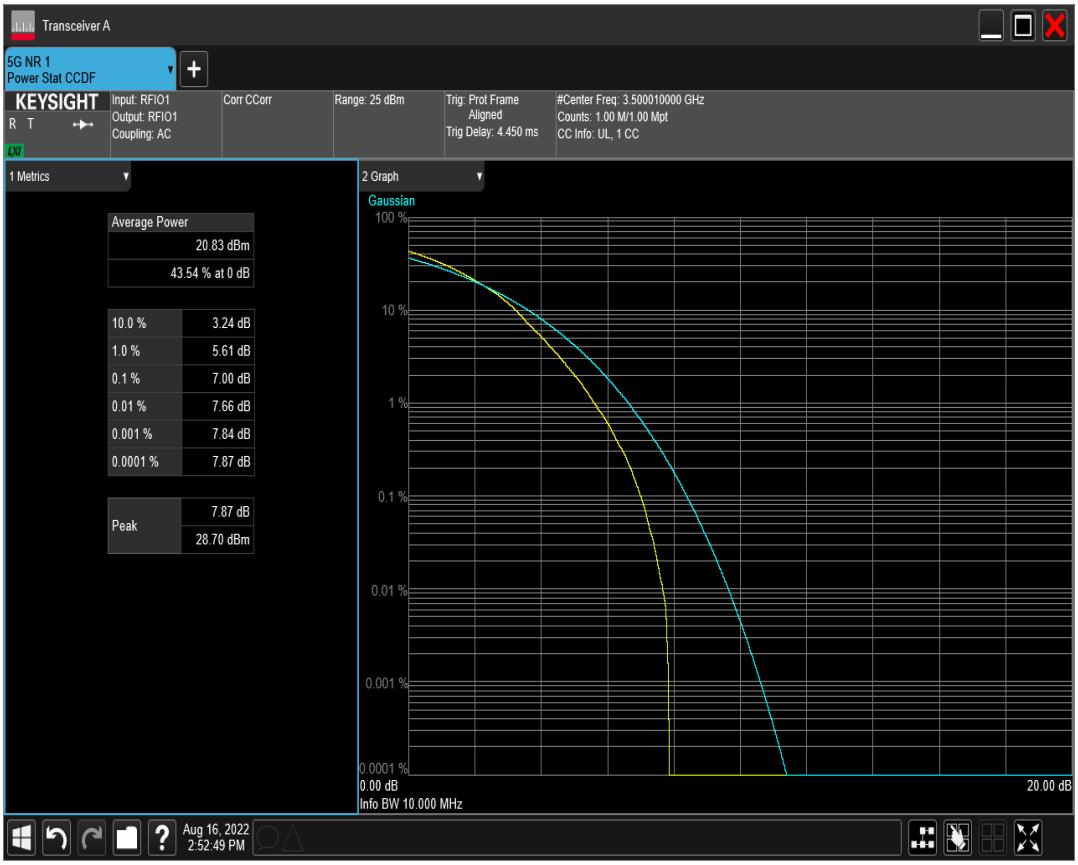
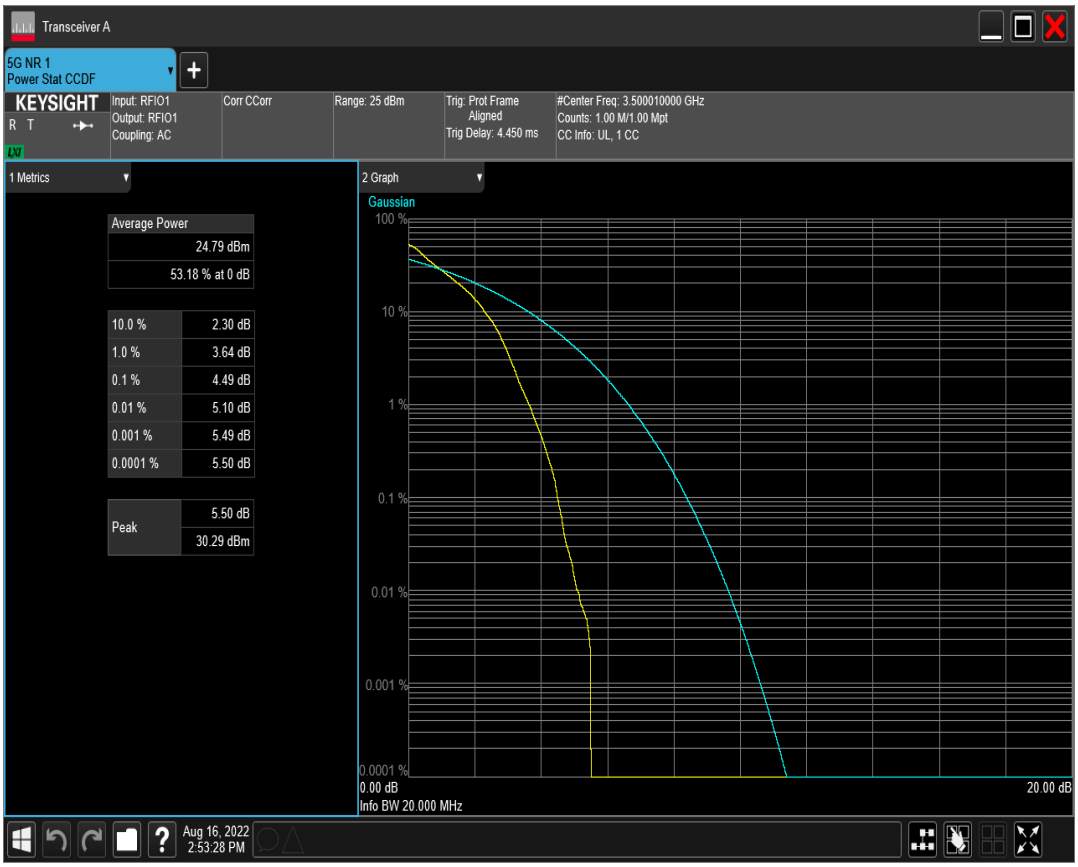


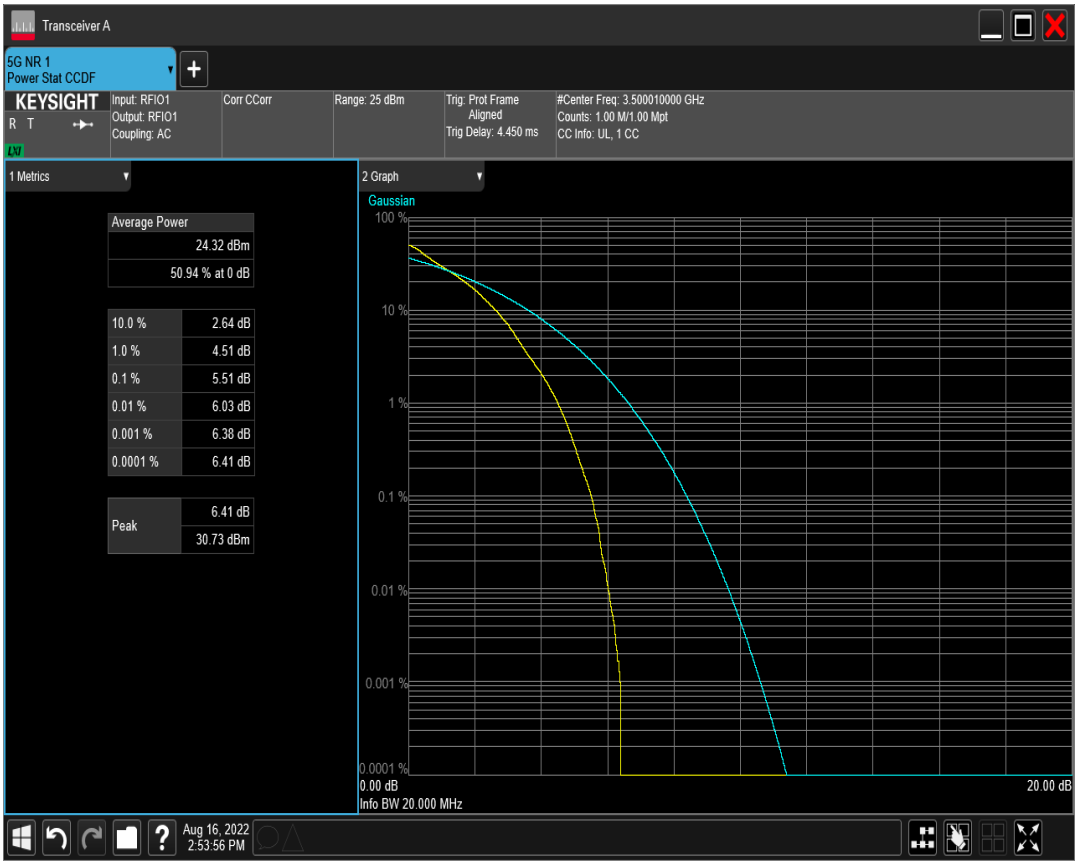
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=633334 RB=24@0



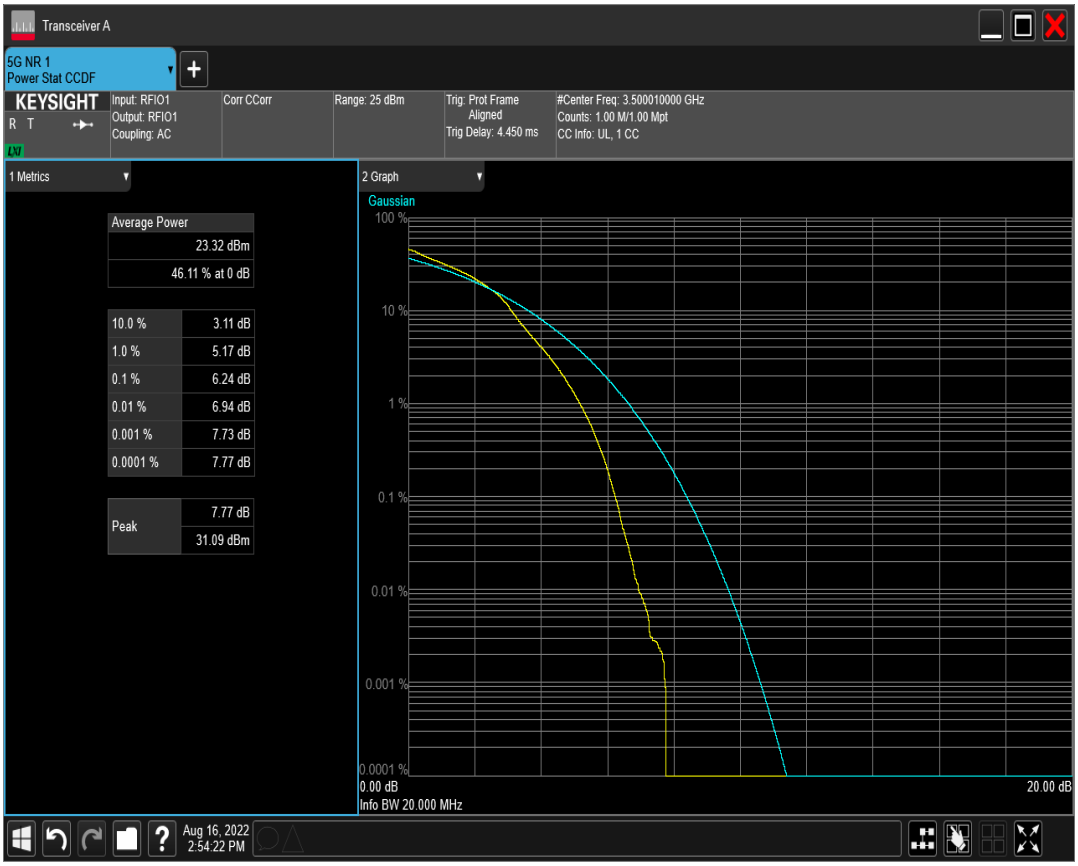
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



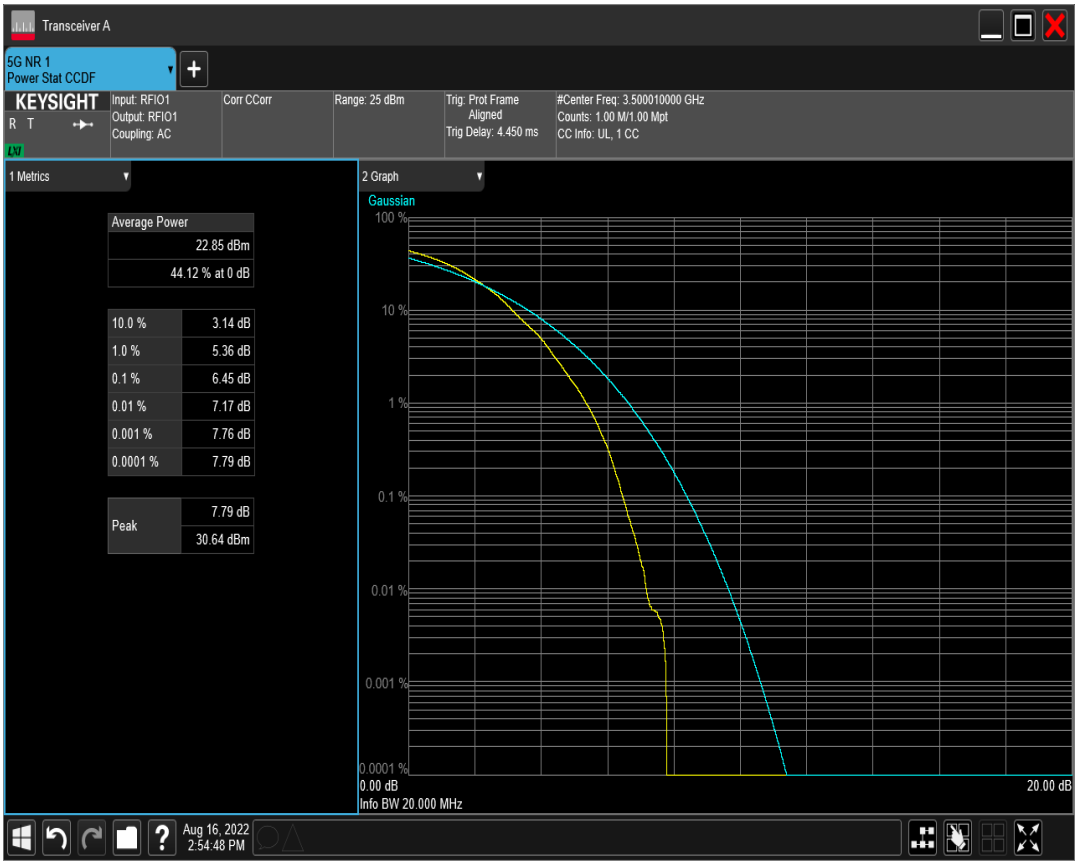
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36@0



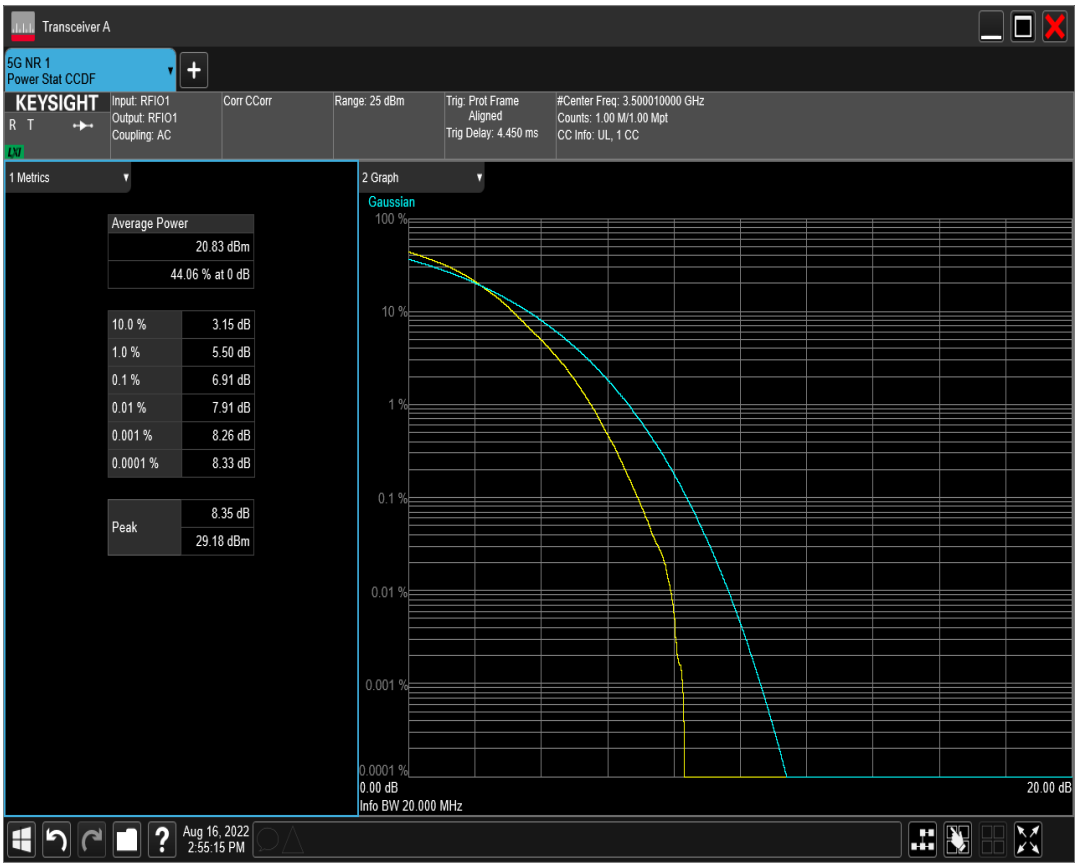
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=633334 RB=36@0



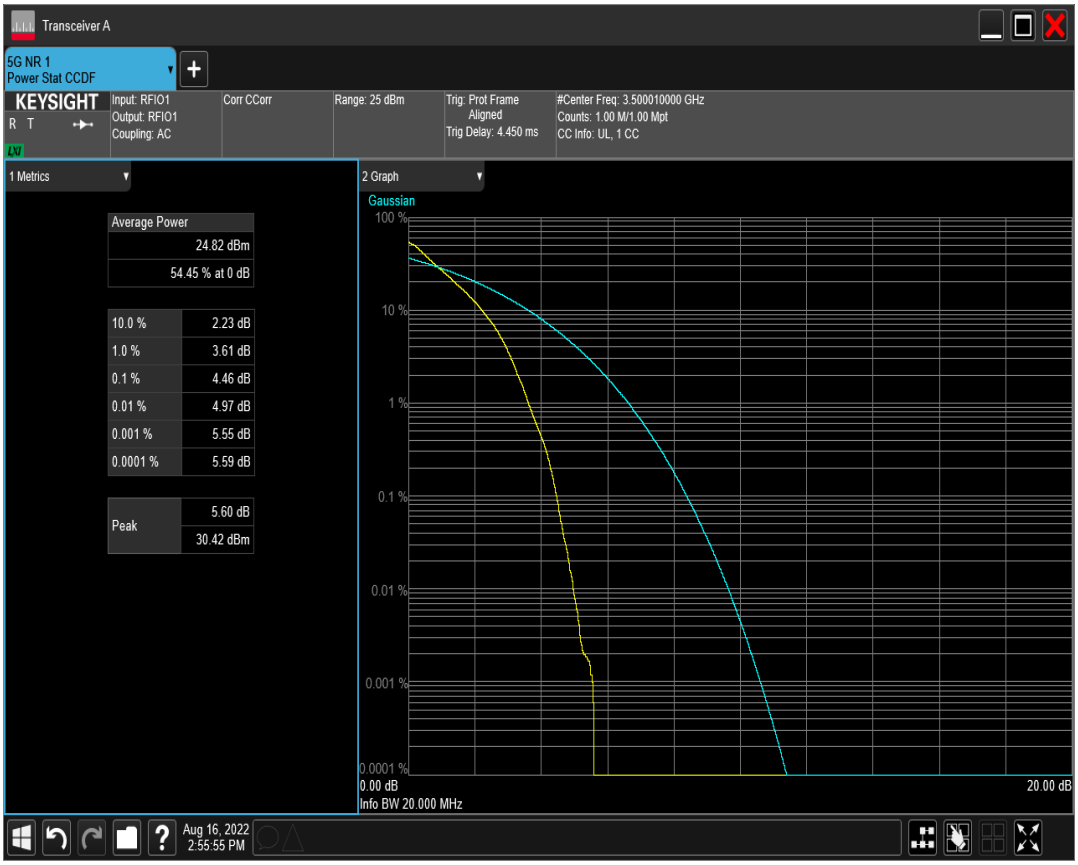
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=633334 RB=36@0



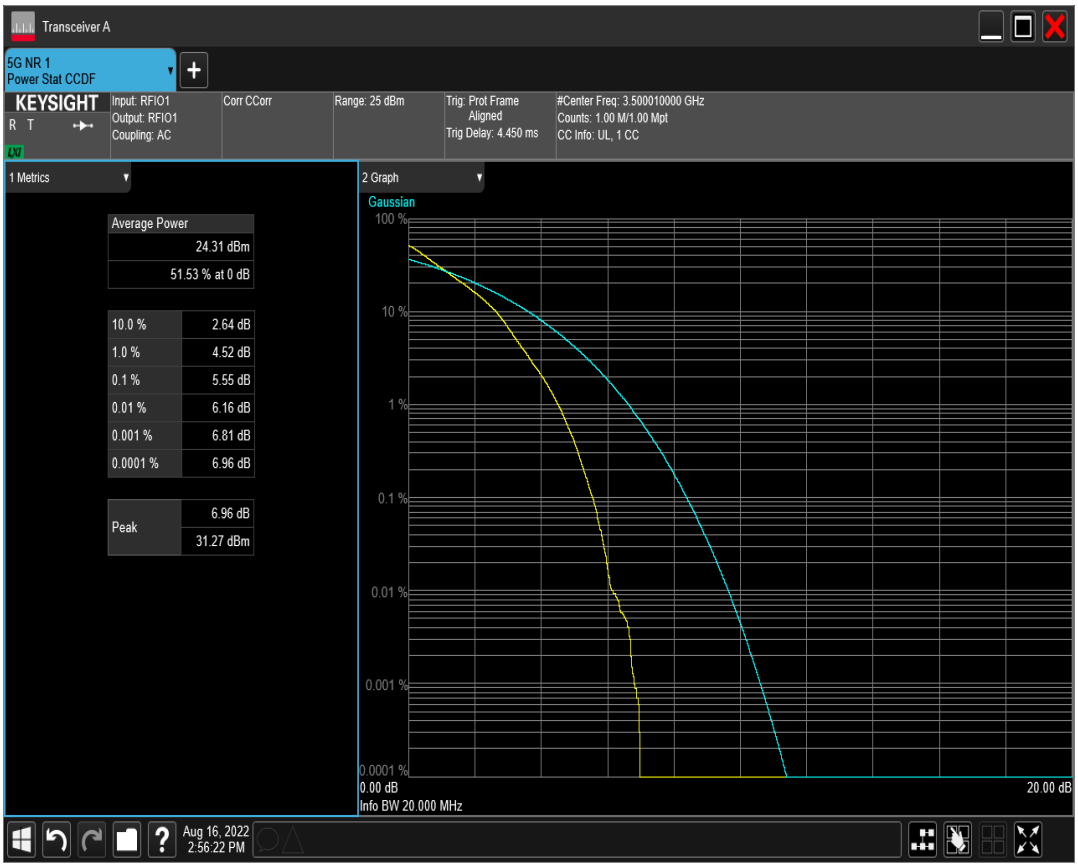
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=633334 RB=36@0



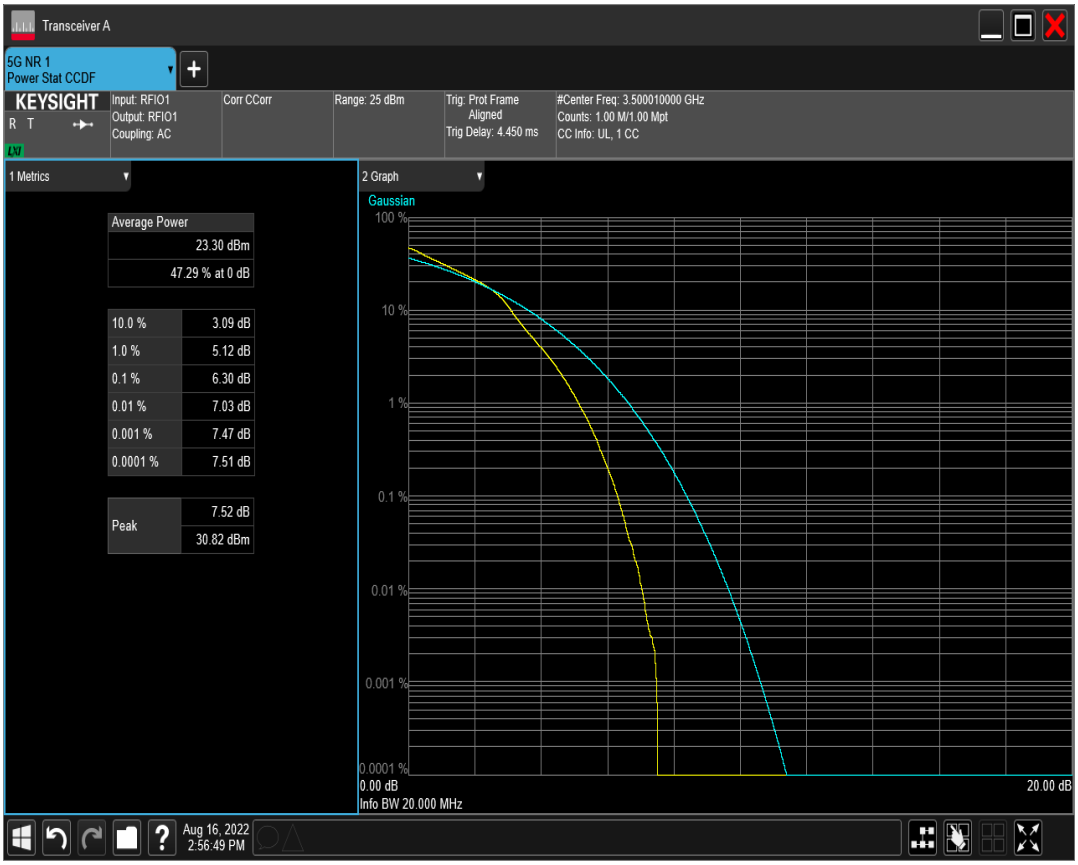
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50@0



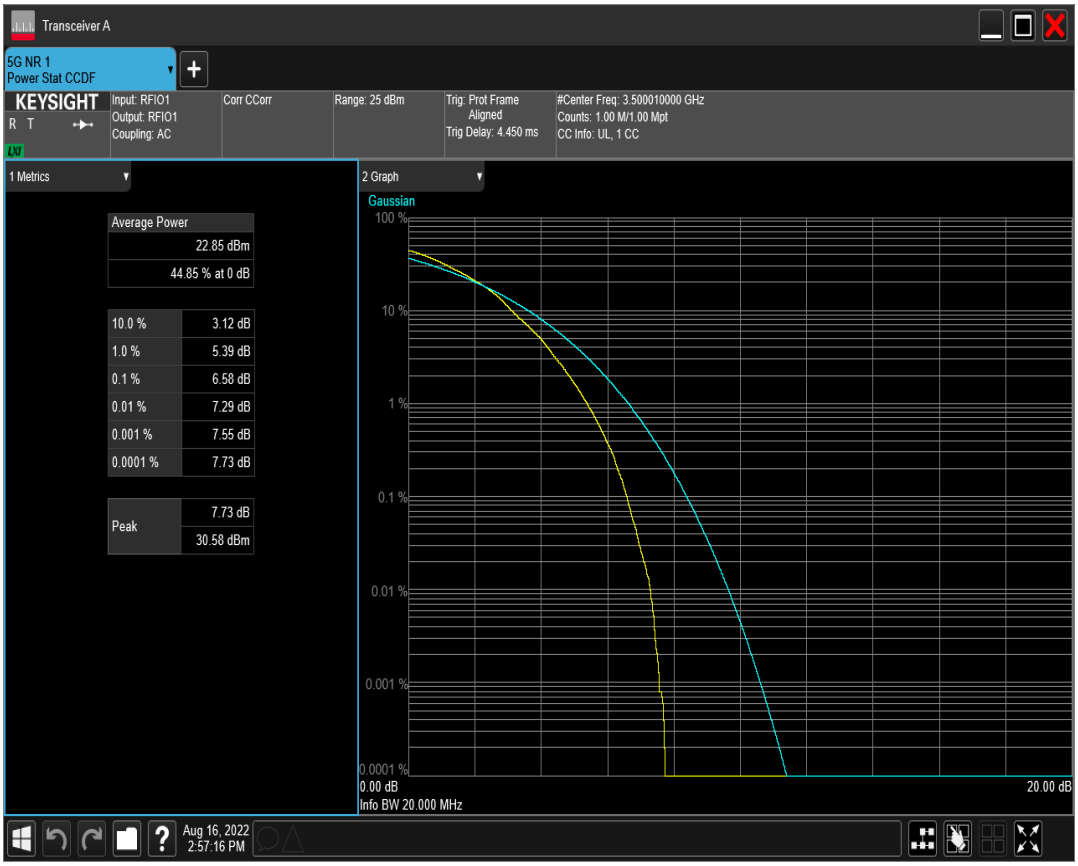
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=50@0



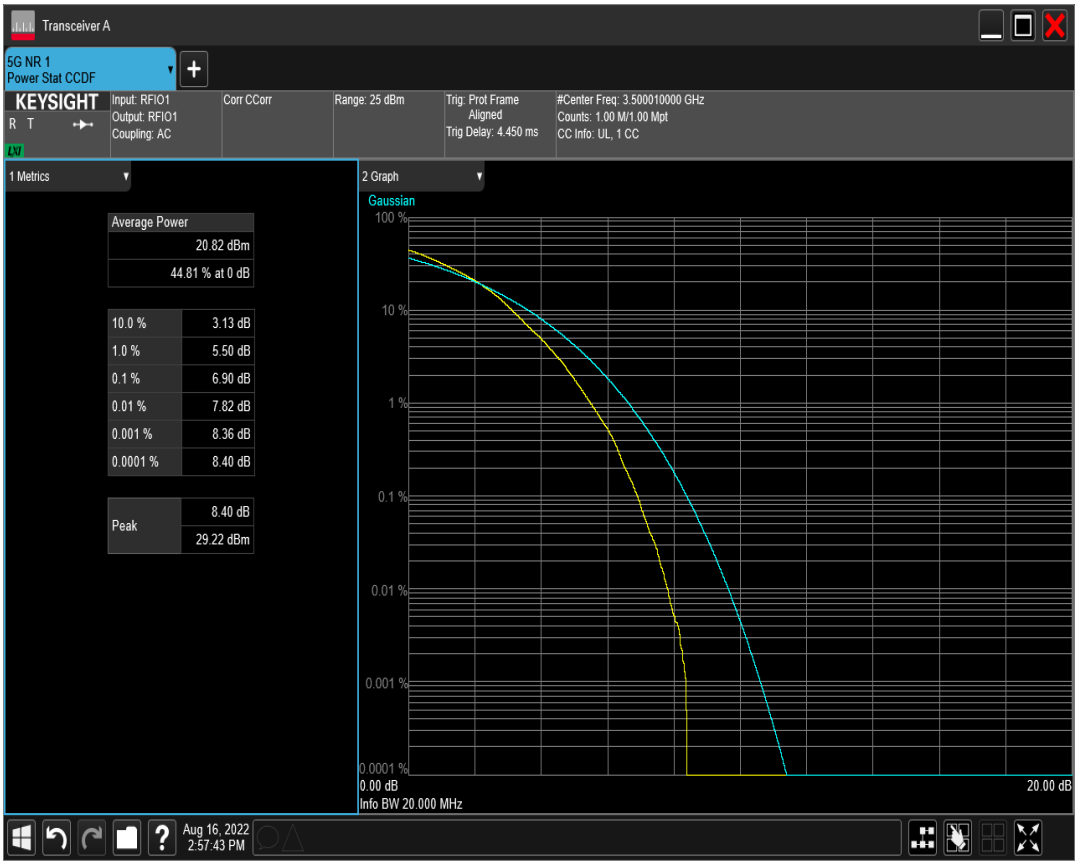
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=633334 RB=50@0



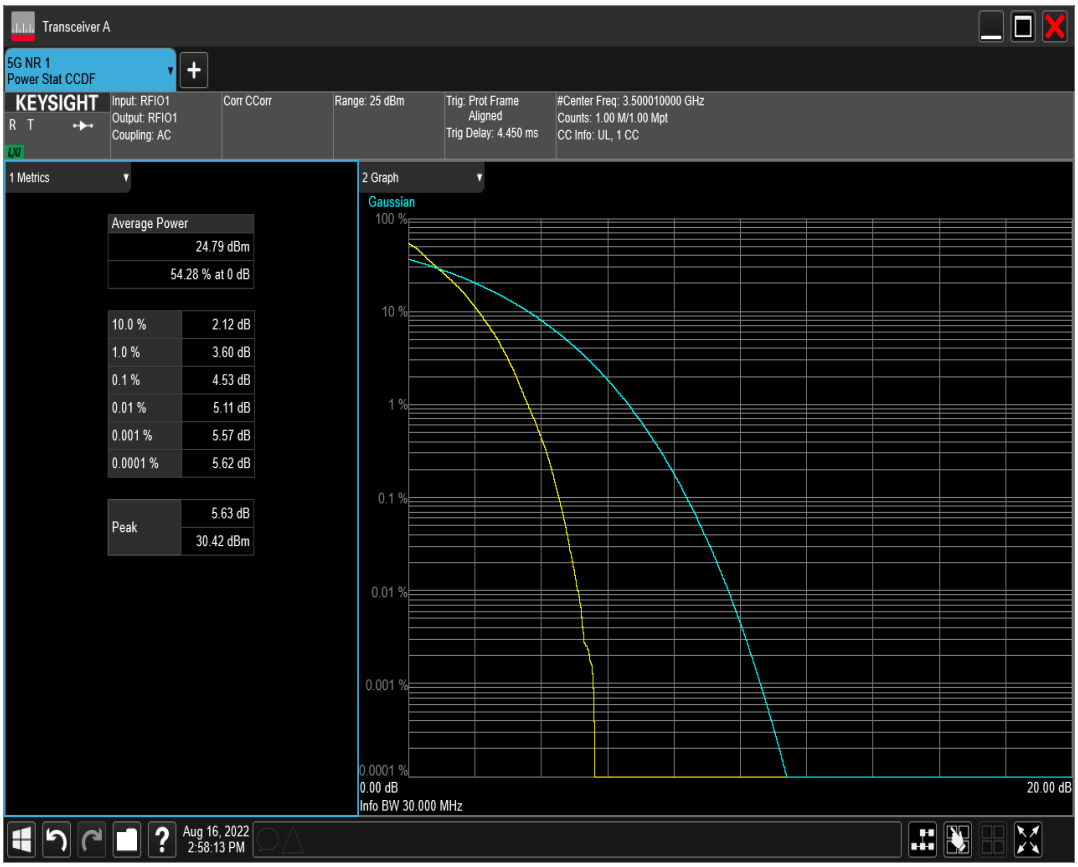
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=20MHz Channel=633334 RB=50@0



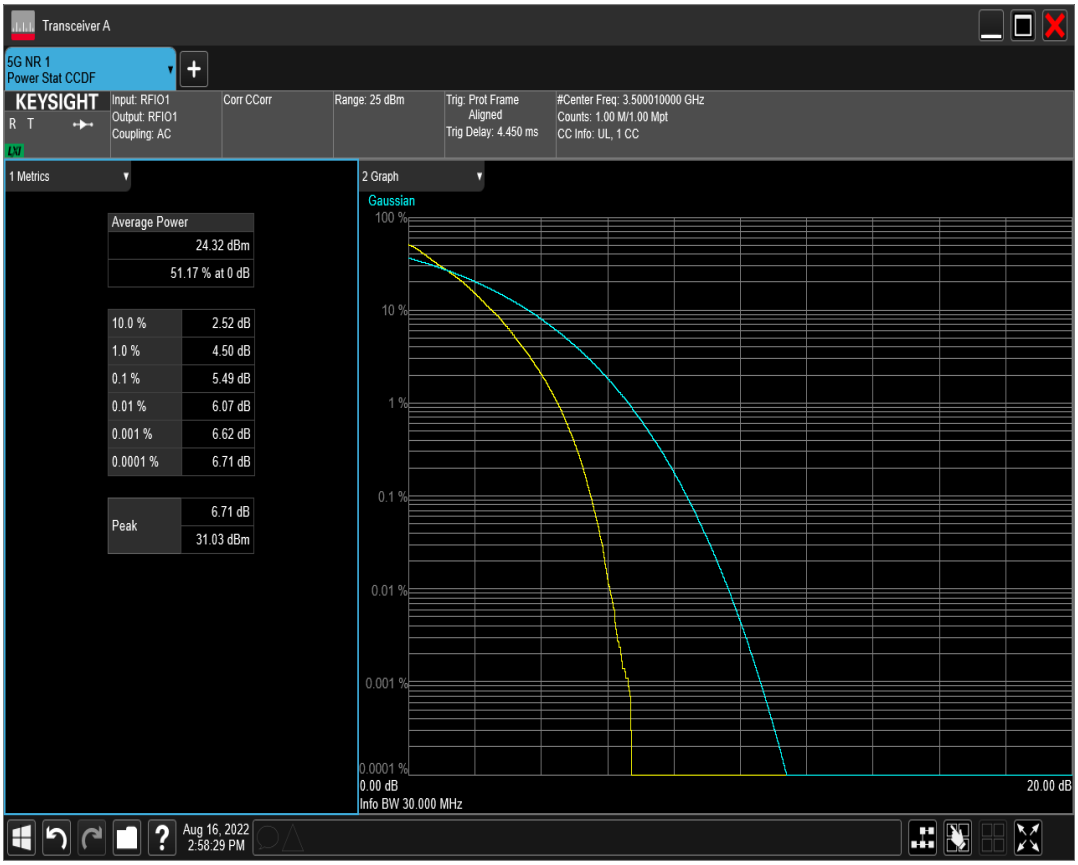
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=633334 RB=50@0



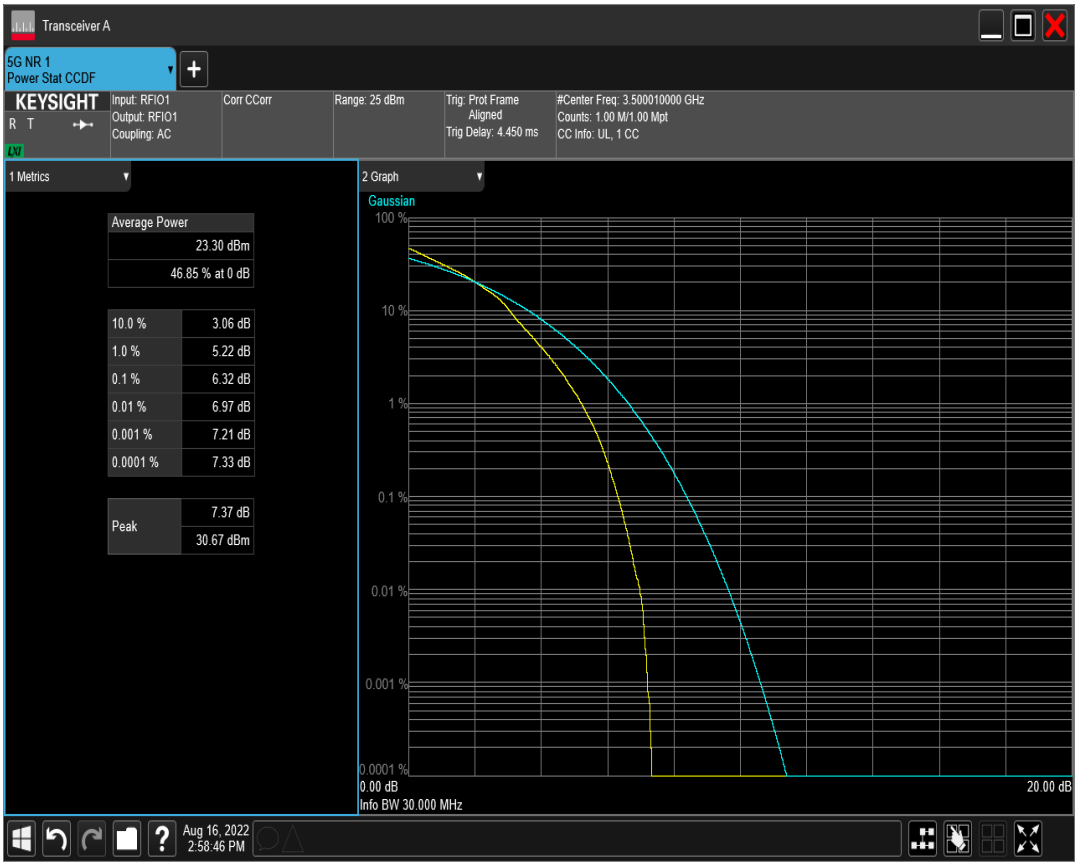
n77(3450-3550) SCS=30kHz DFT_BPSK BW=30MHz Channel=633334 RB=75@0



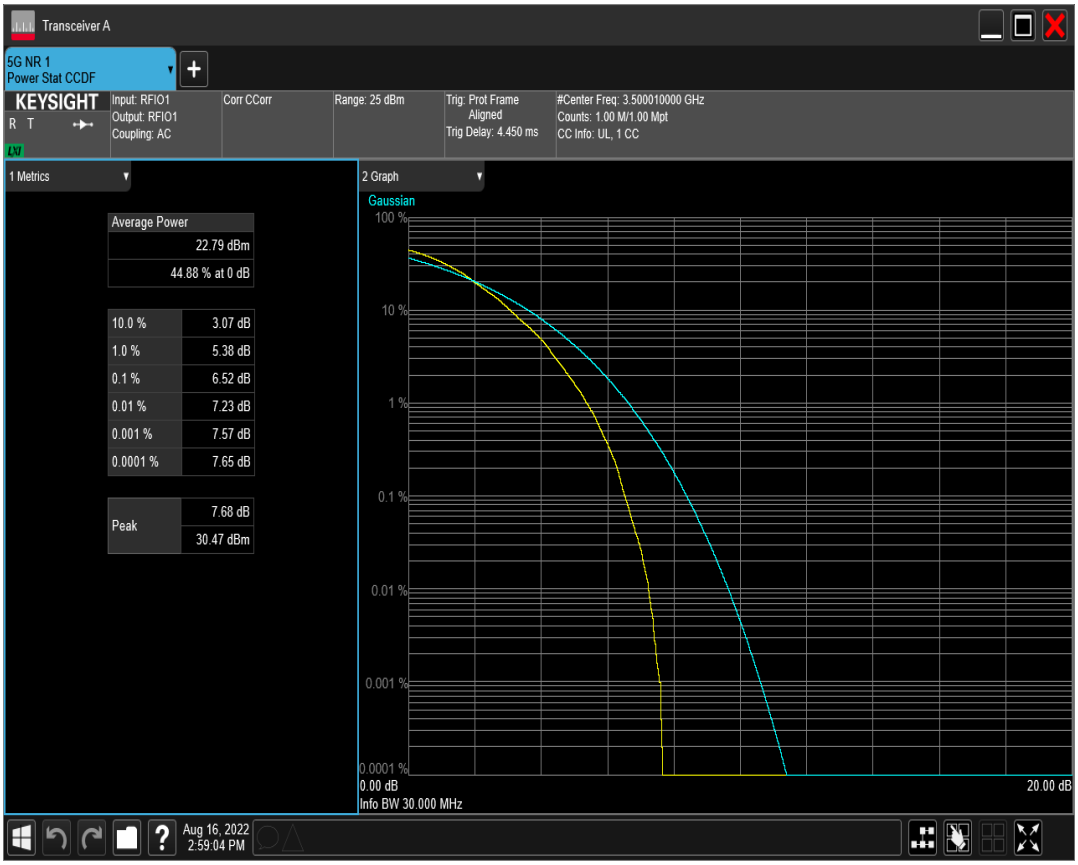
n77(3450-3550) SCS=30kHz DFT_QPSK BW=30MHz Channel=633334 RB=75@0



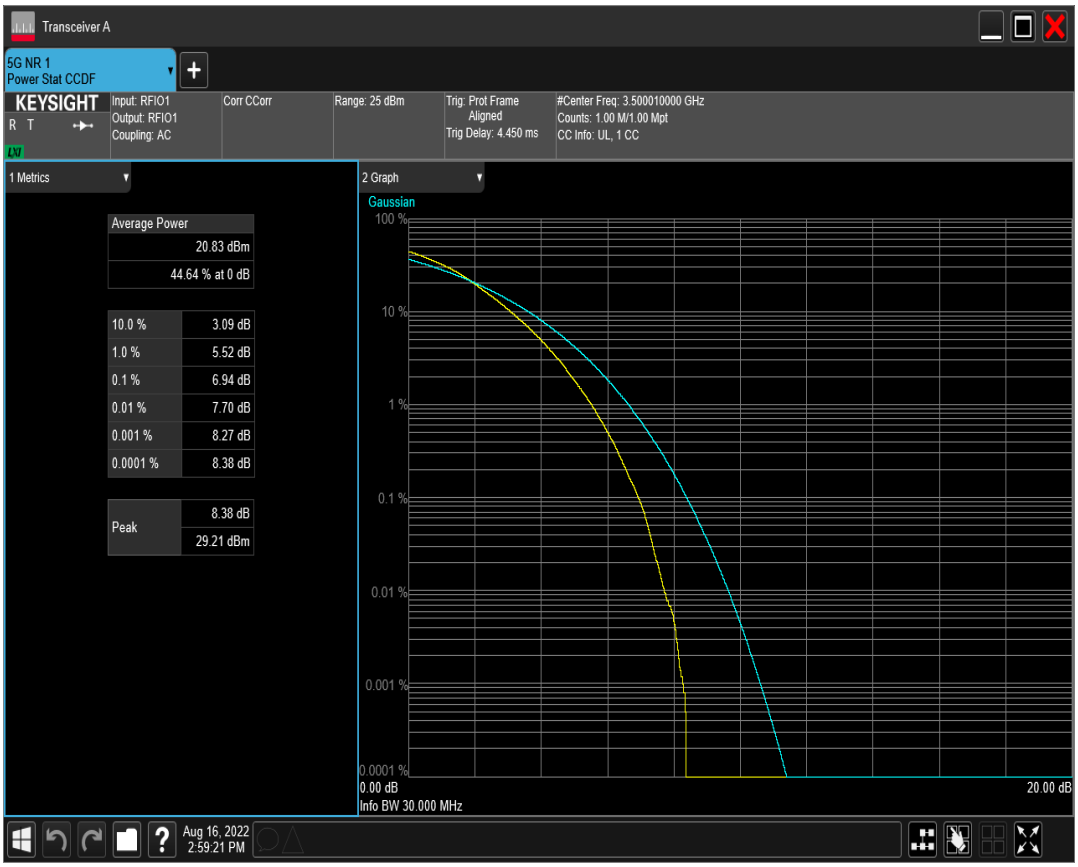
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=30MHz Channel=633334 RB=75@0



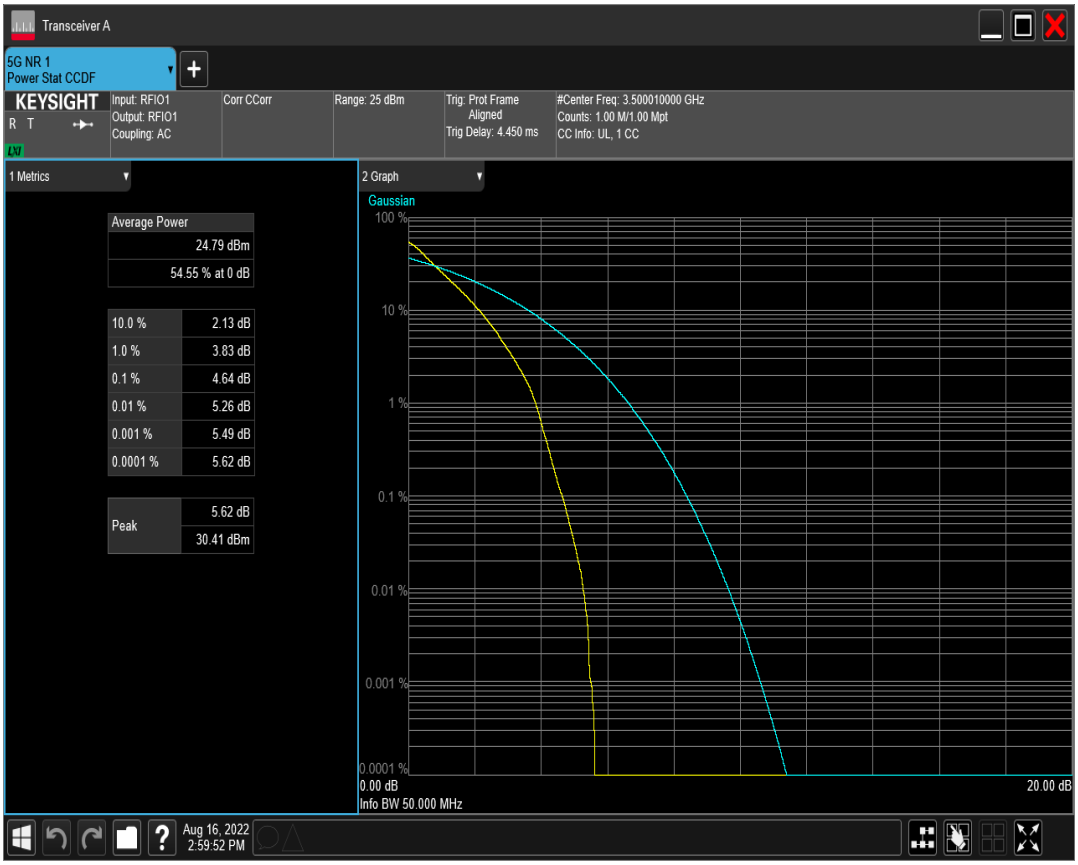
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=30MHz Channel=633334 RB=75@0



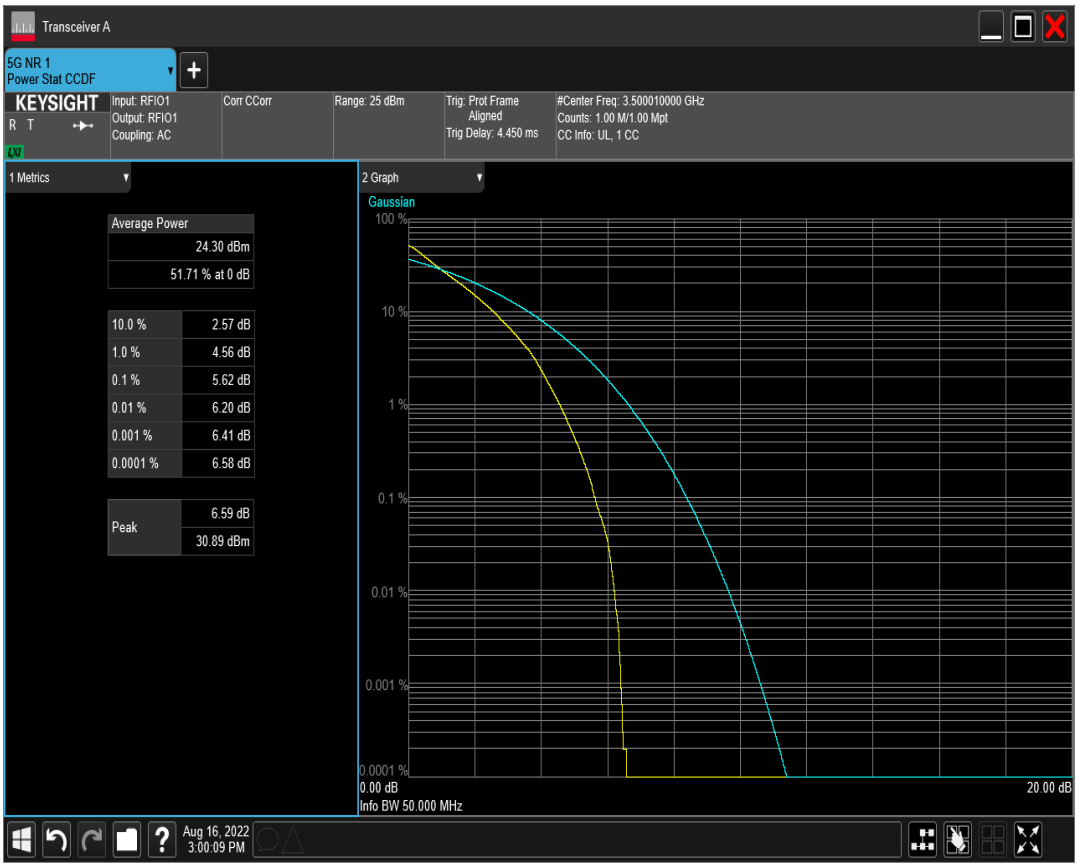
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=30MHz Channel=633334 RB=75@0



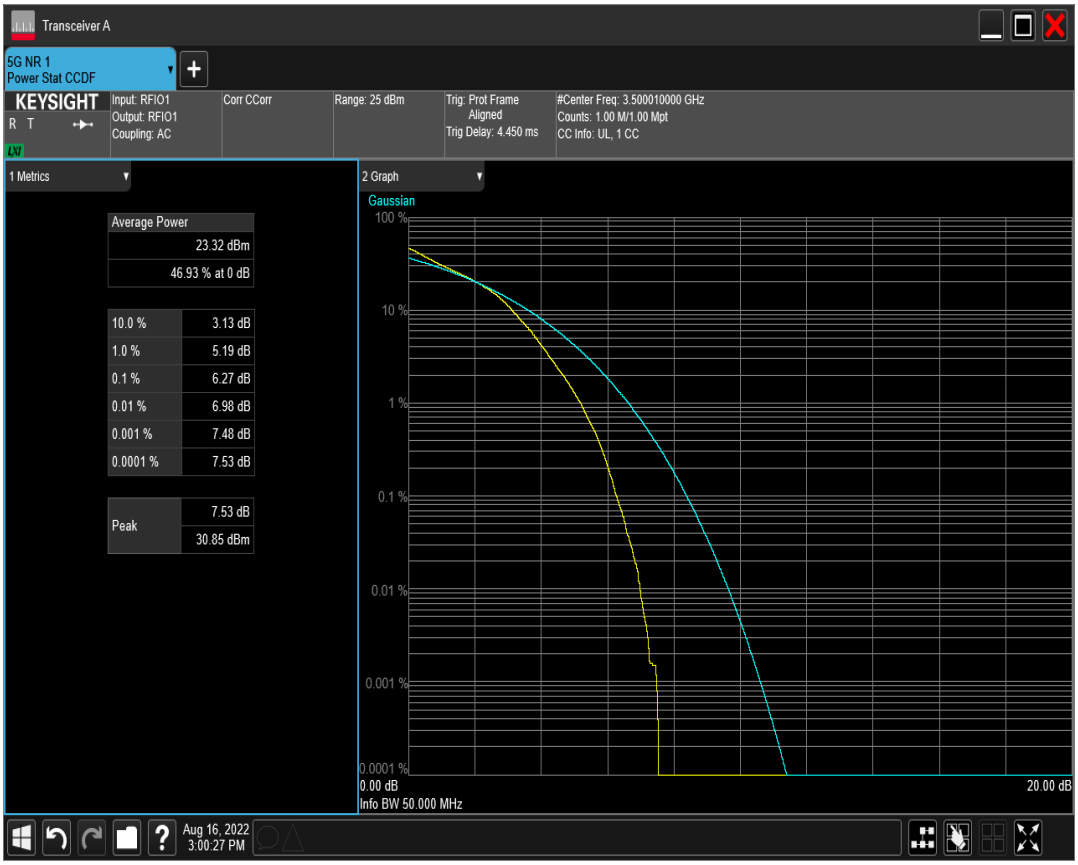
n77(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz Channel=633334 RB=100@0



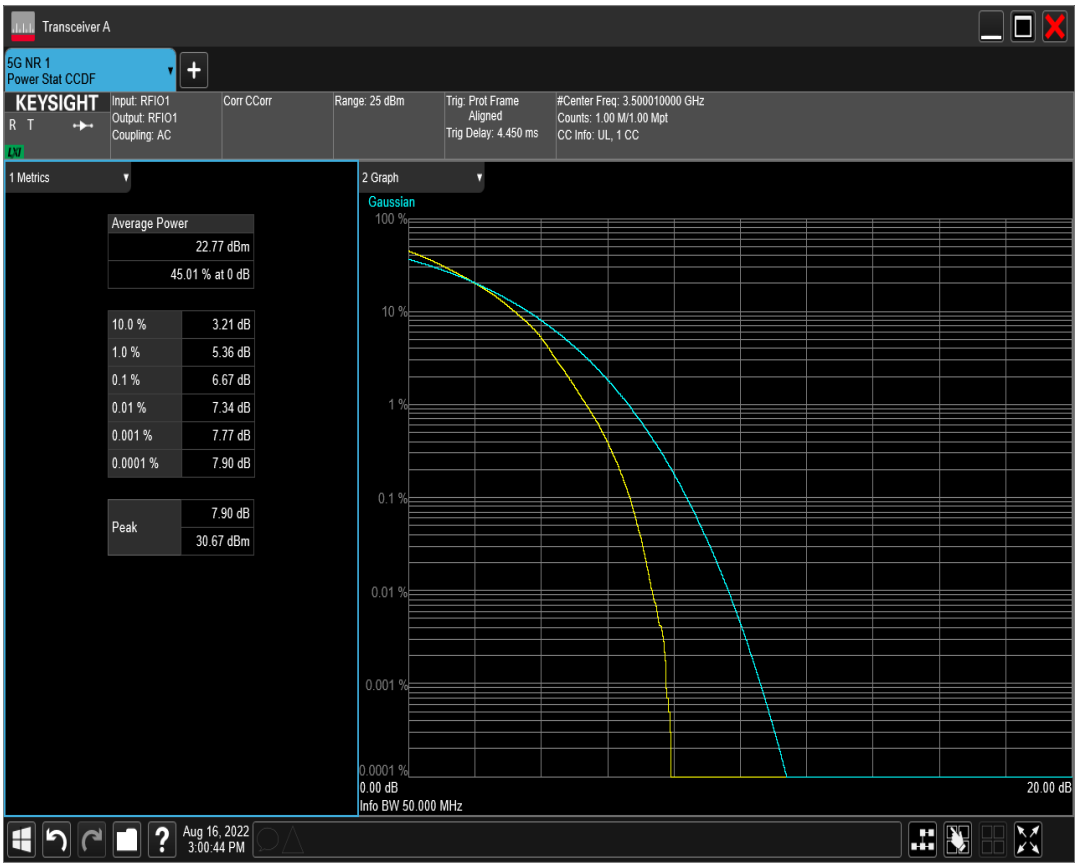
n77(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=633334 RB=100@0



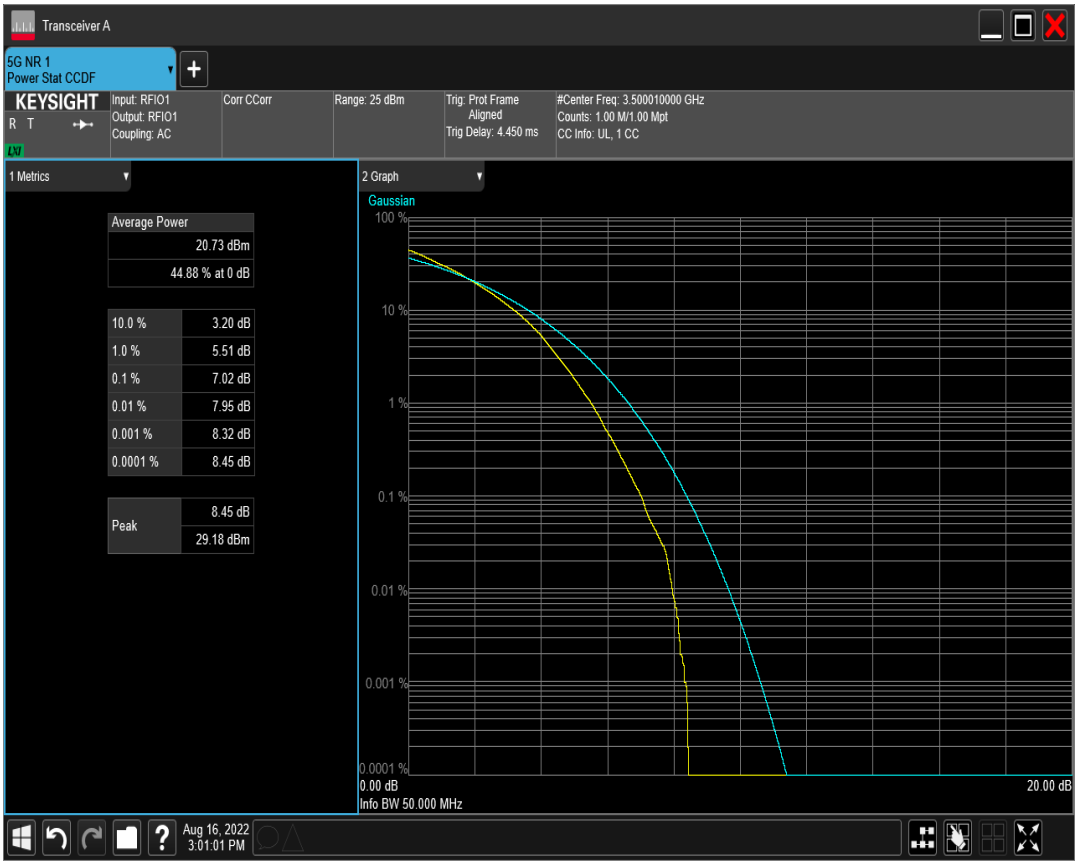
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=40MHz Channel=633334 RB=100@0



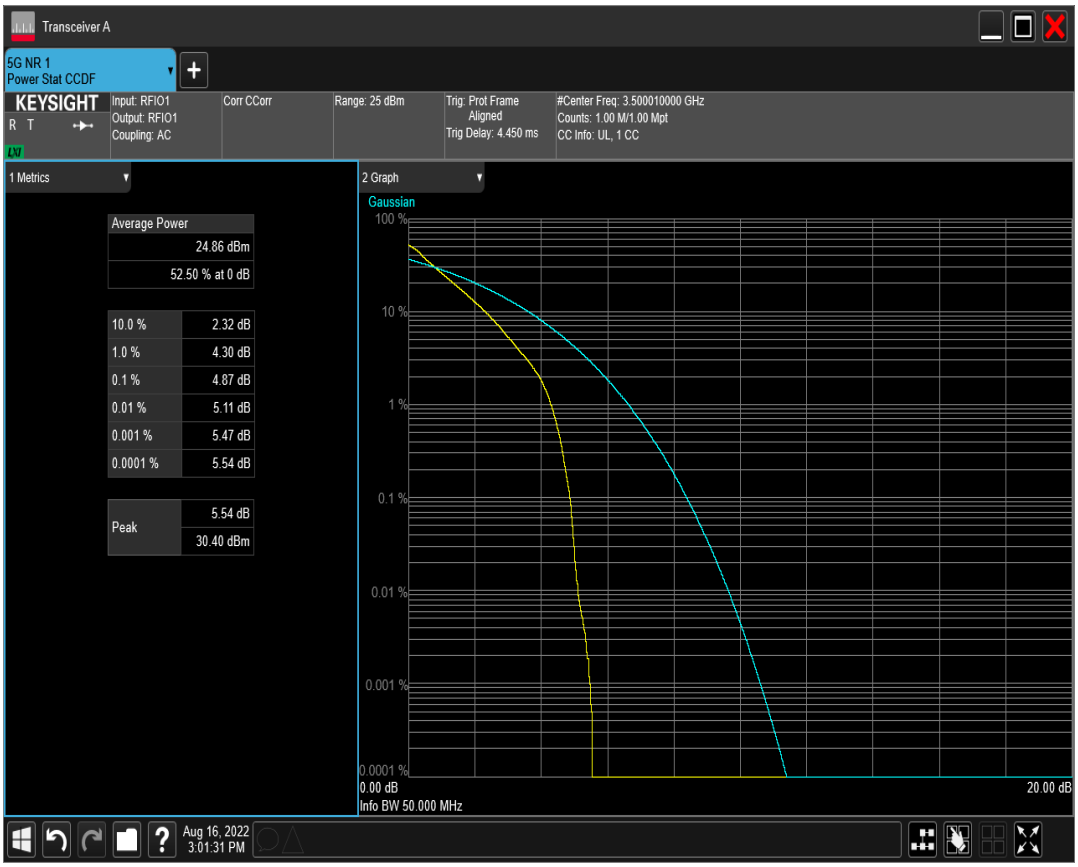
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=40MHz Channel=633334 RB=100@0



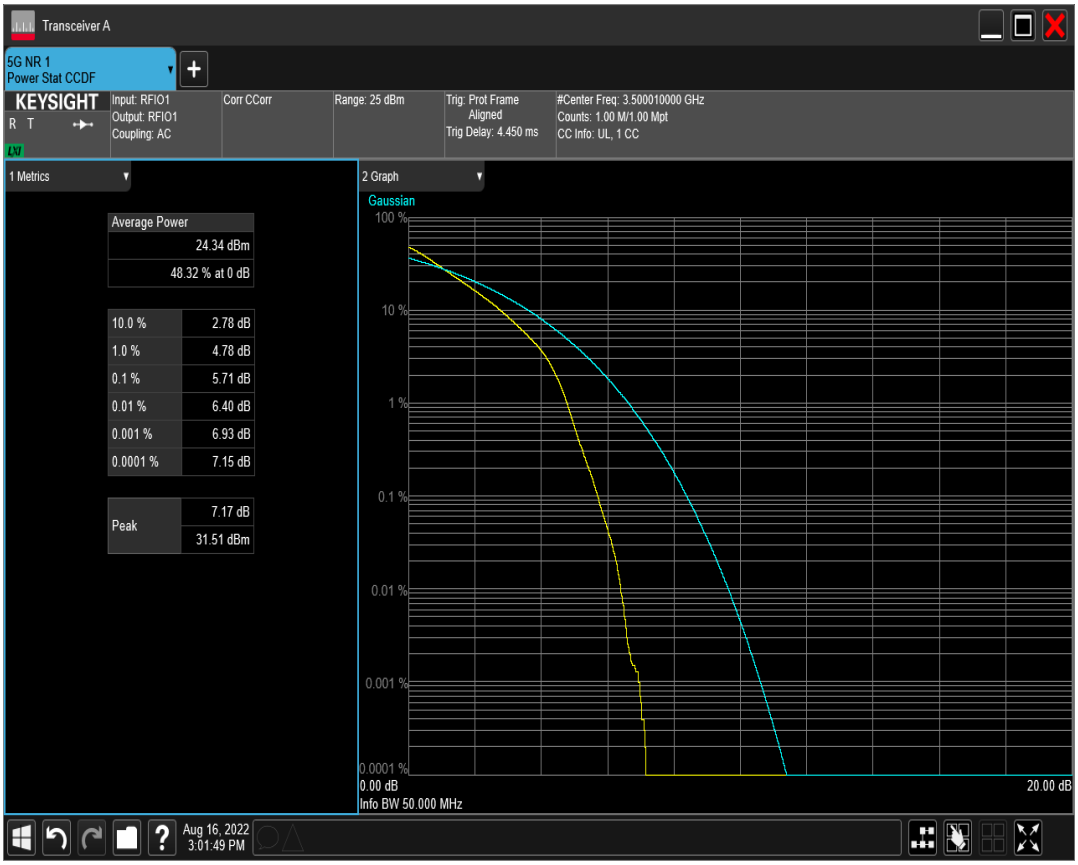
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=40MHz Channel=633334 RB=100@0



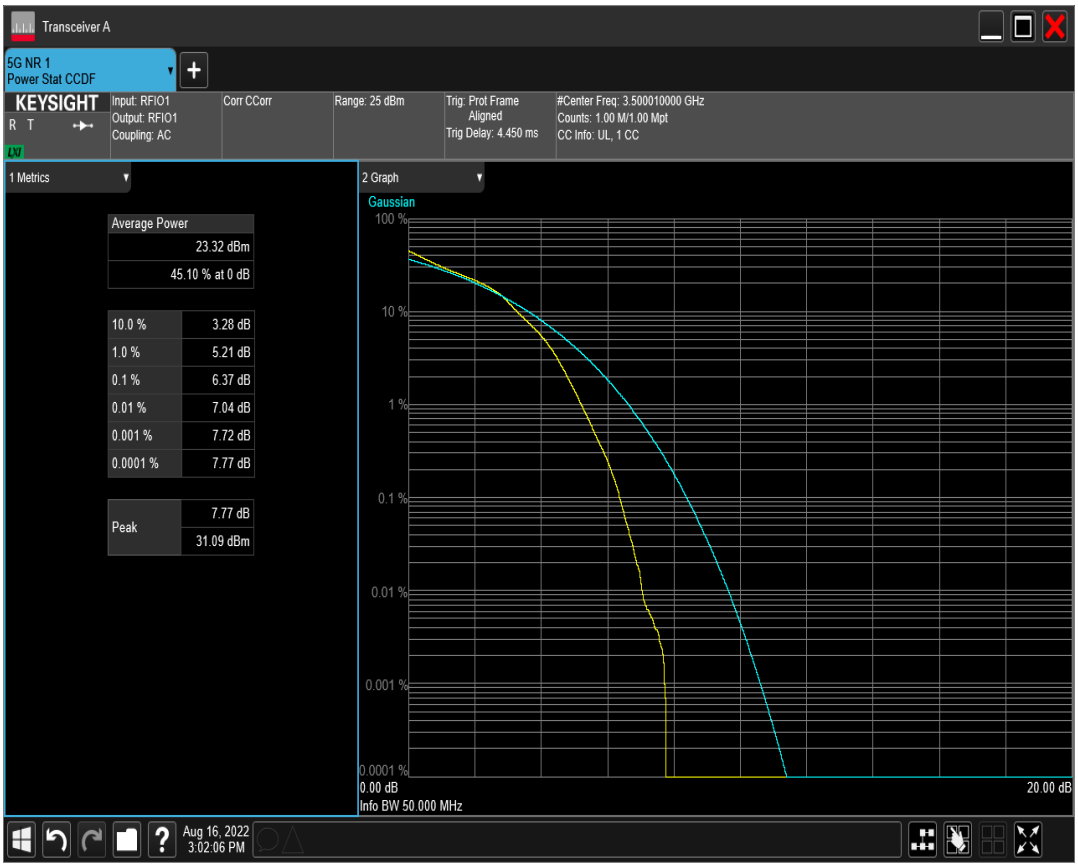
n77(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=633334 RB=128@0



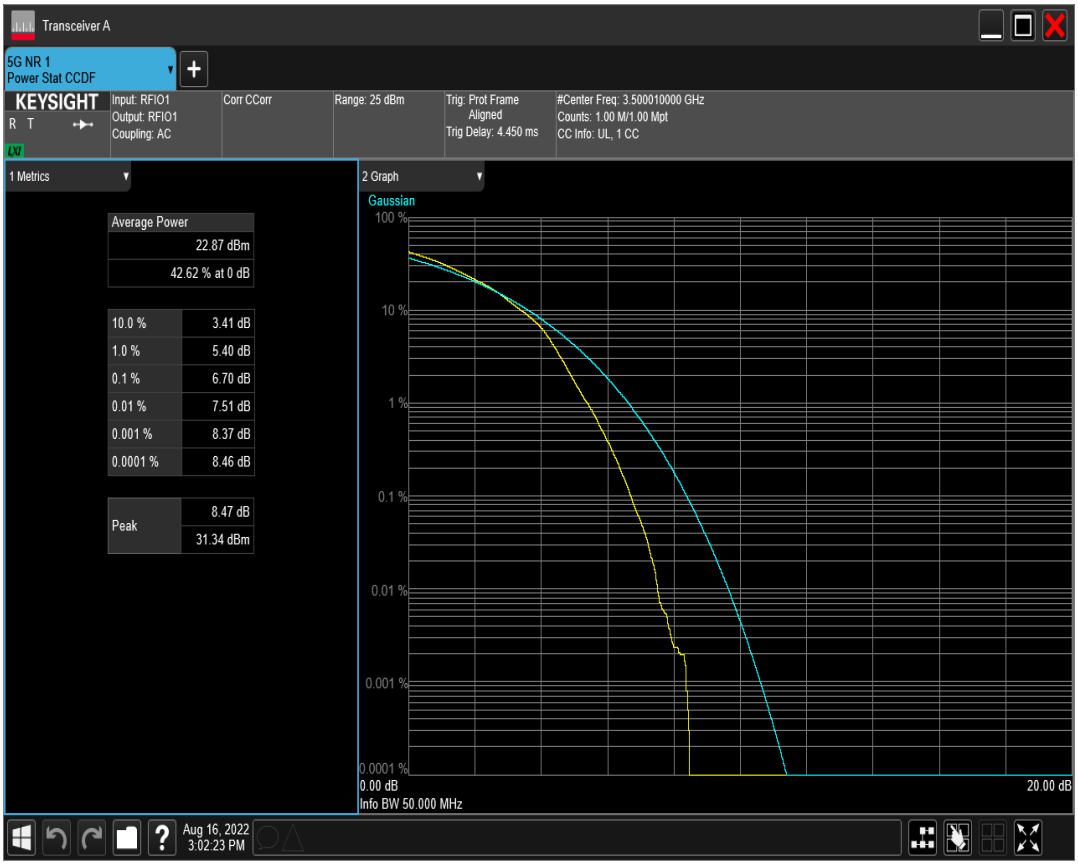
n77(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=633334 RB=128@0



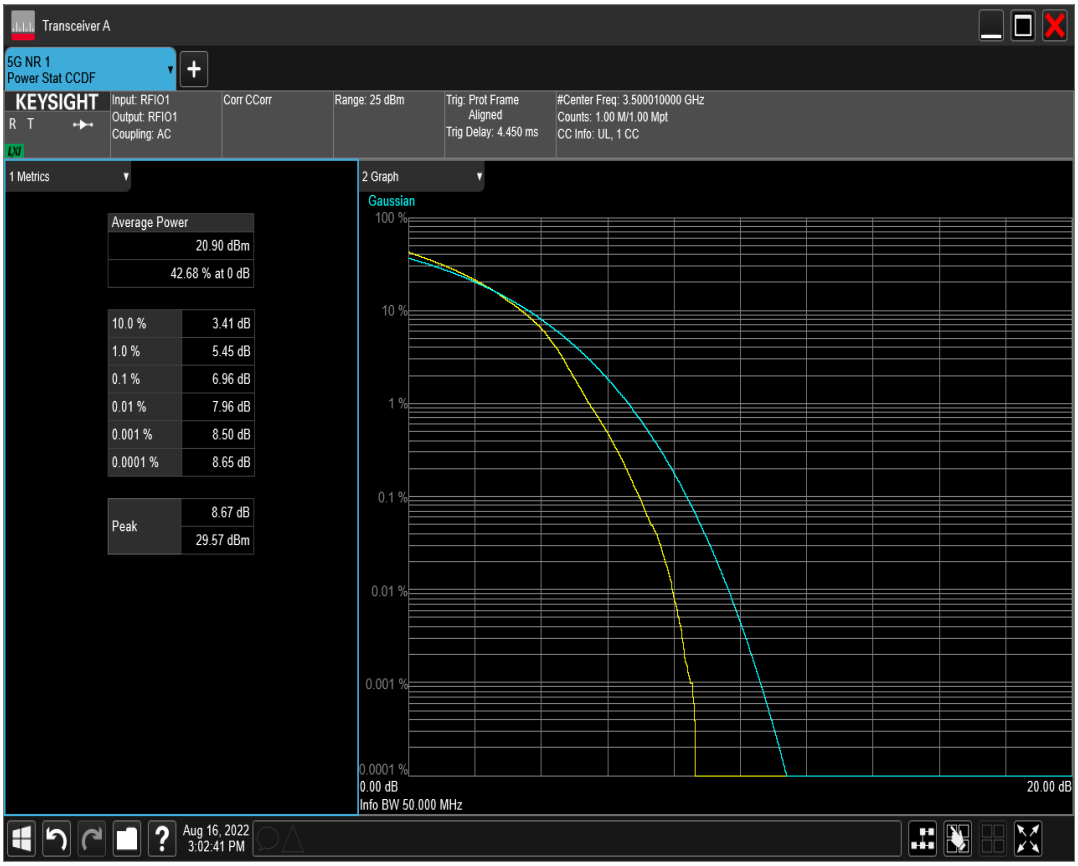
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=50MHz Channel=633334 RB=128@0



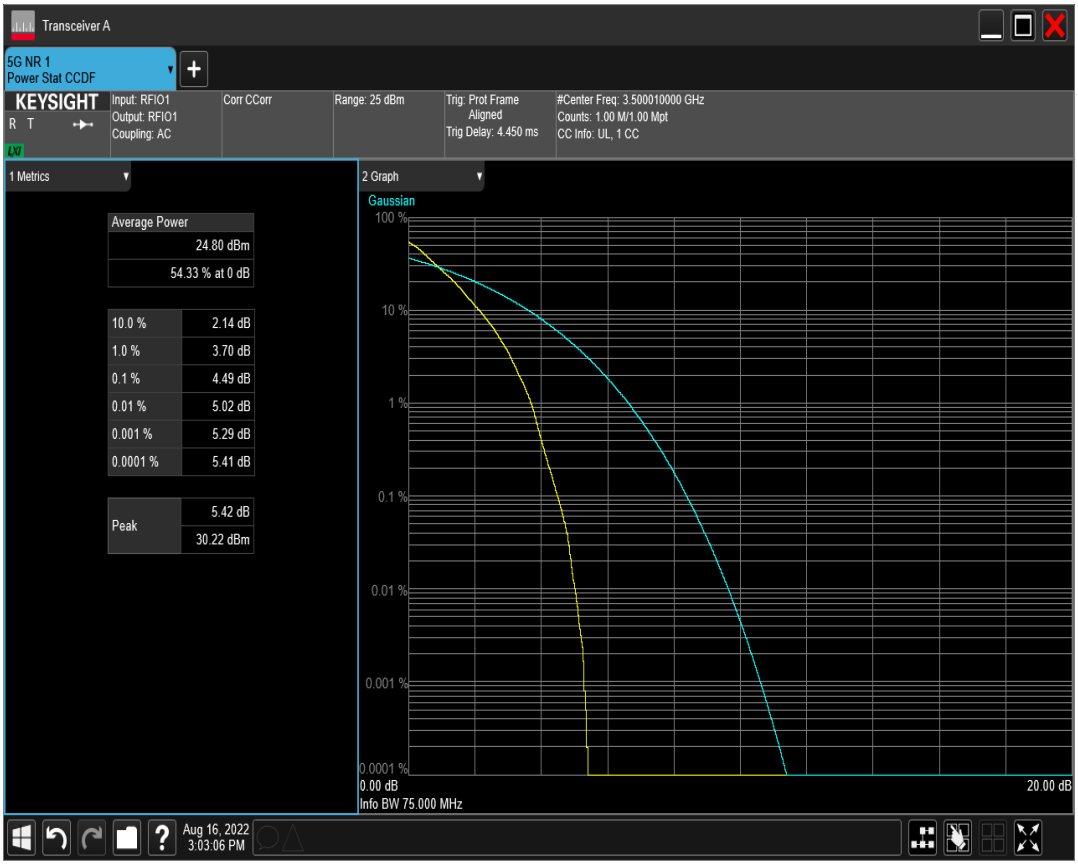
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=633334 RB=128@0



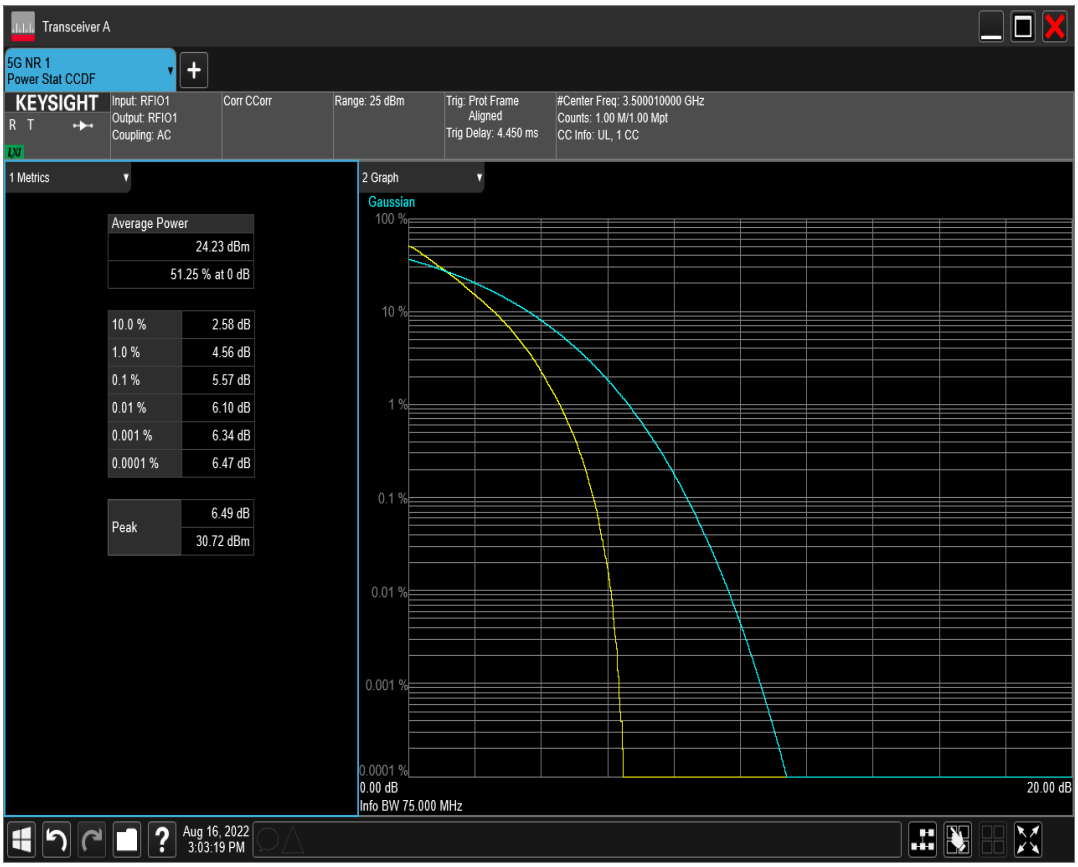
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=50MHz Channel=633334 RB=128@0



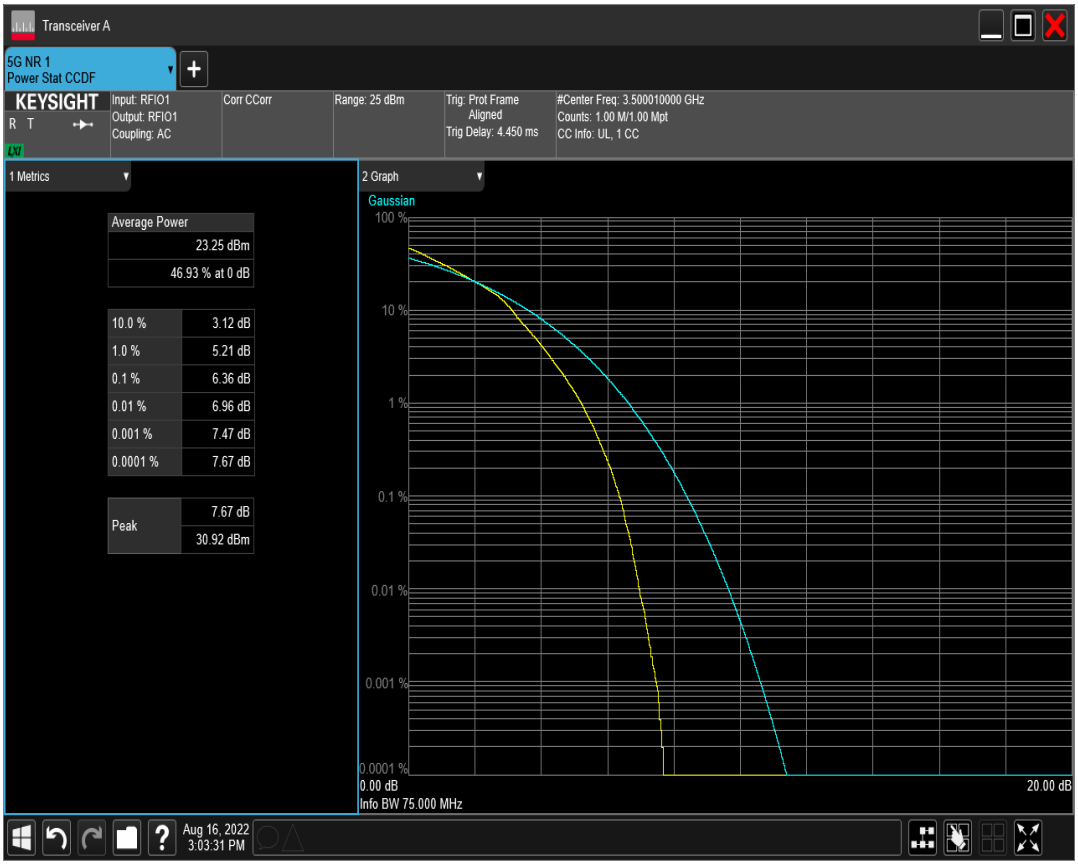
n77(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=633334 RB=162@0



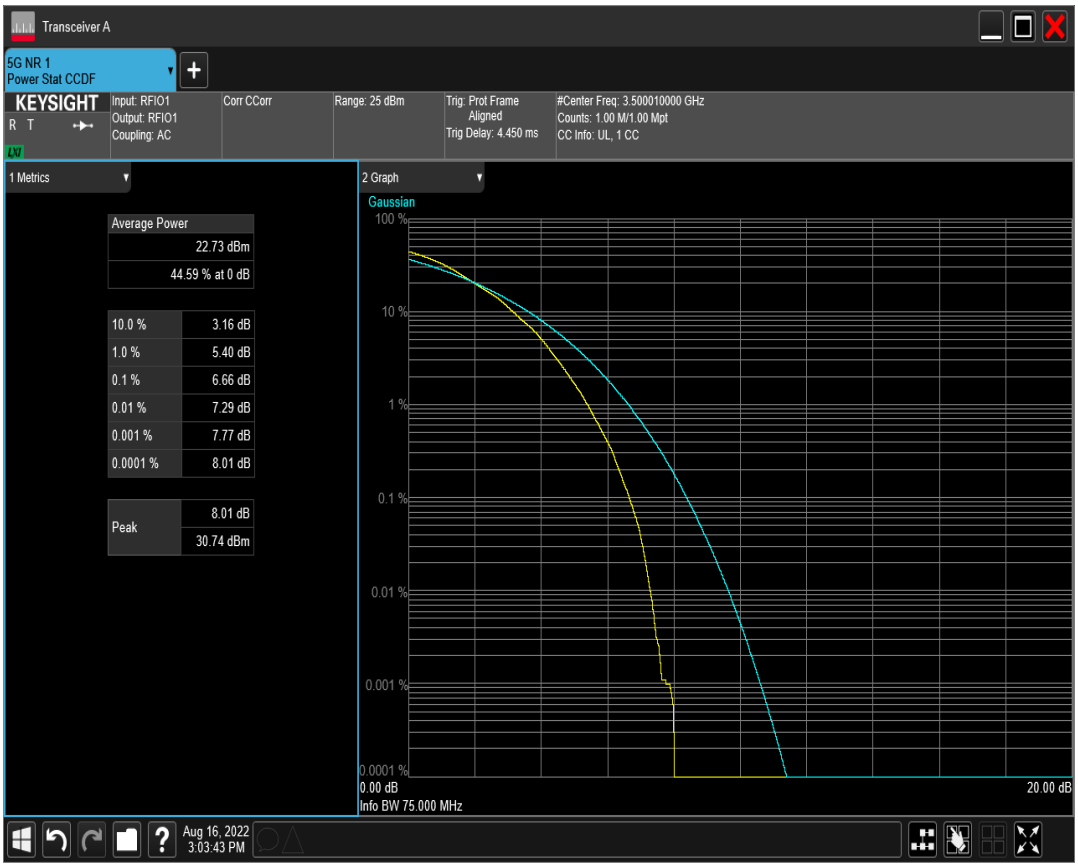
n77(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=633334 RB=162@0



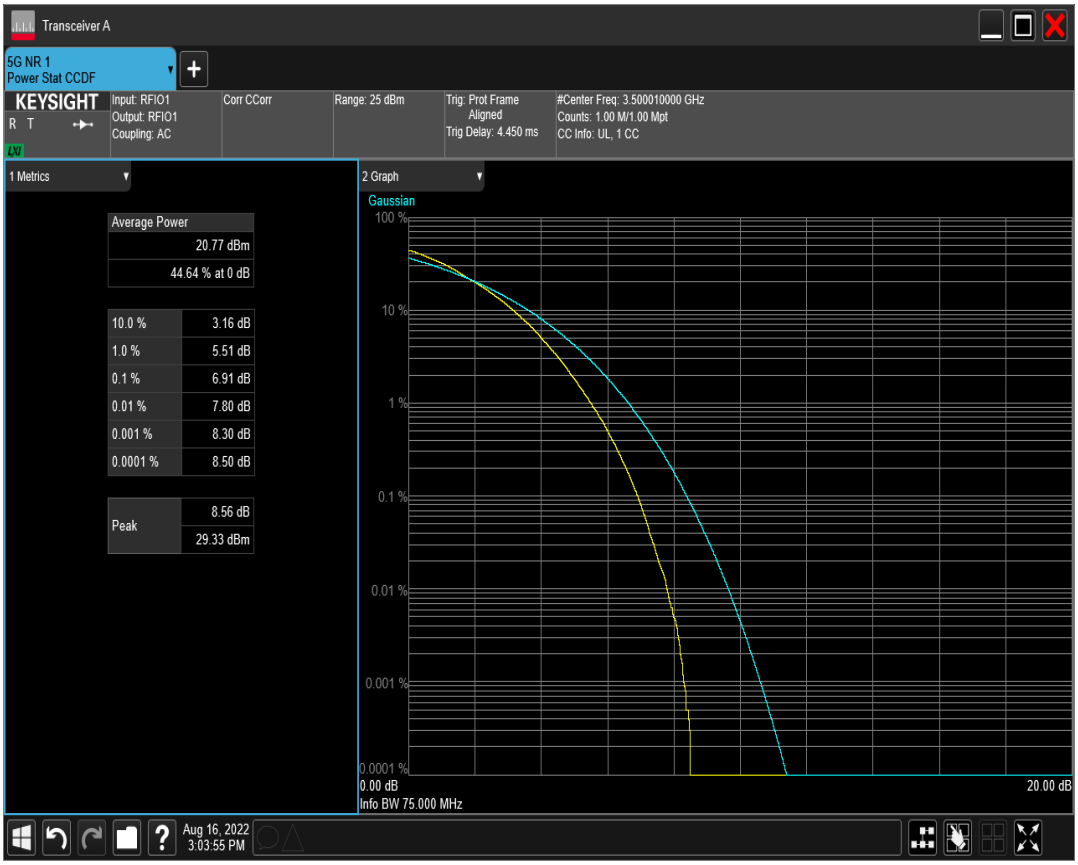
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=60MHz Channel=633334 RB=162@0



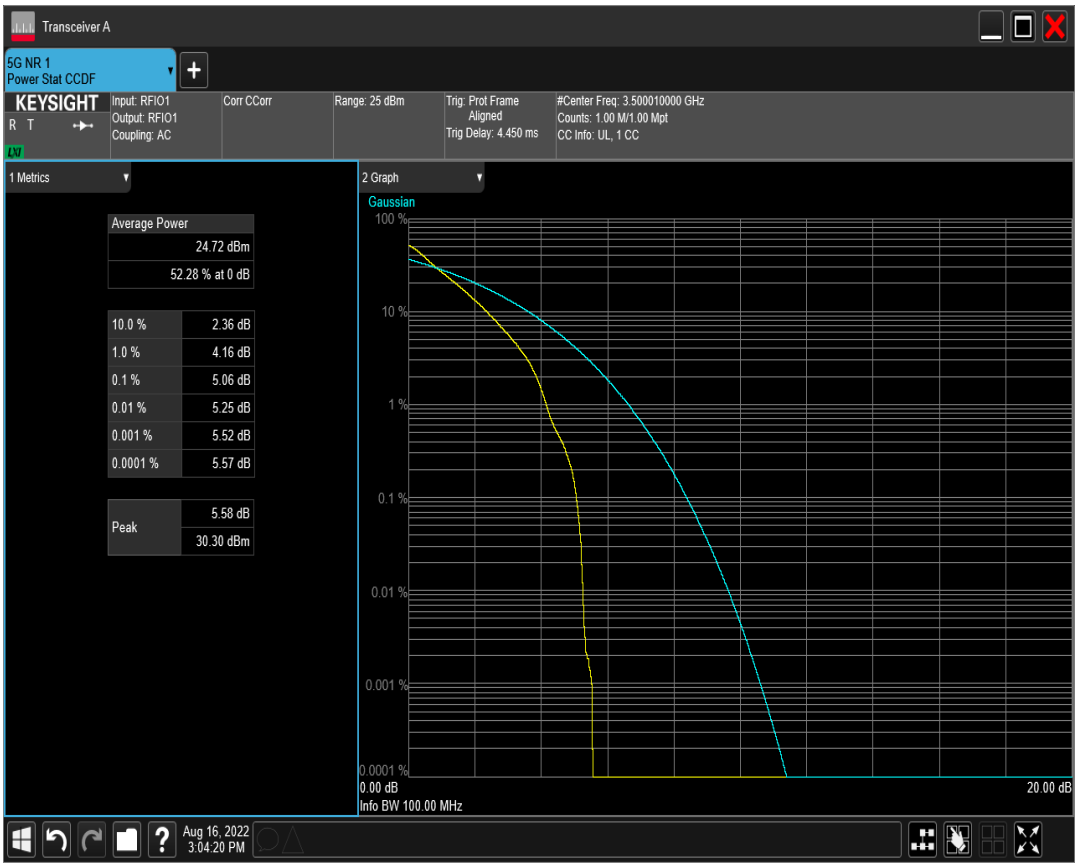
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=633334 RB=162@0



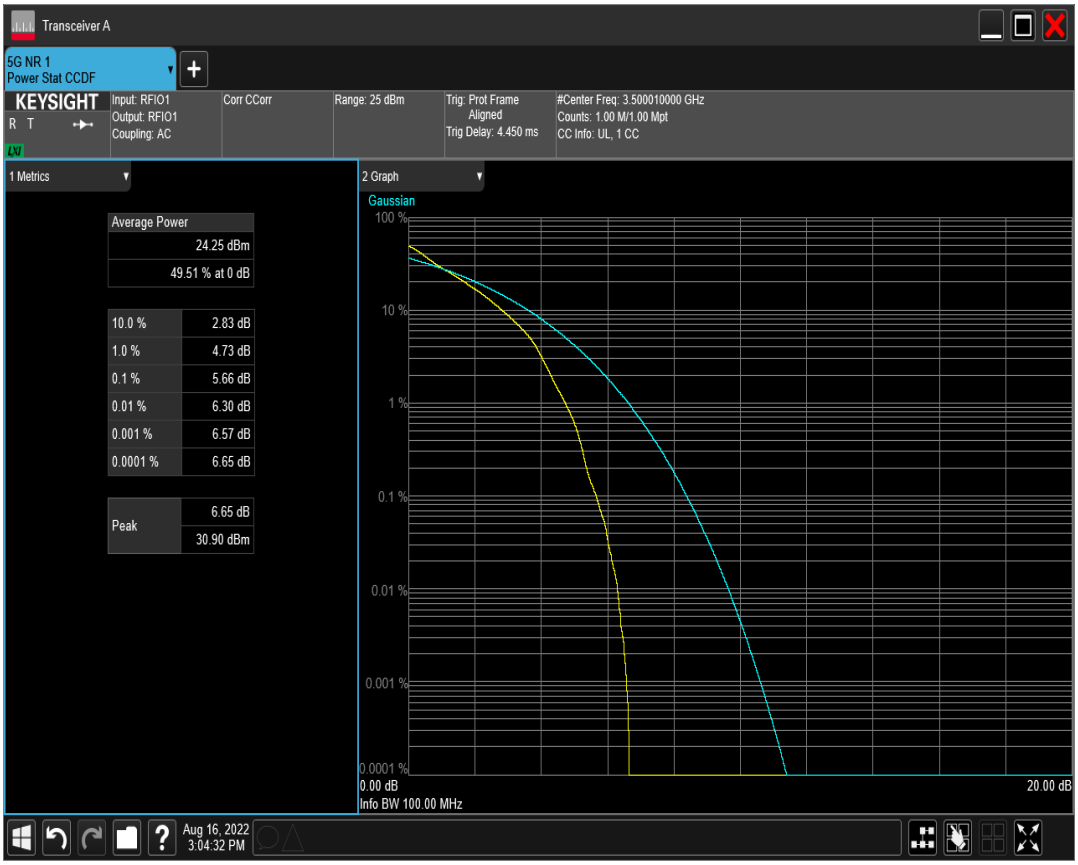
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=60MHz Channel=633334 RB=162@0



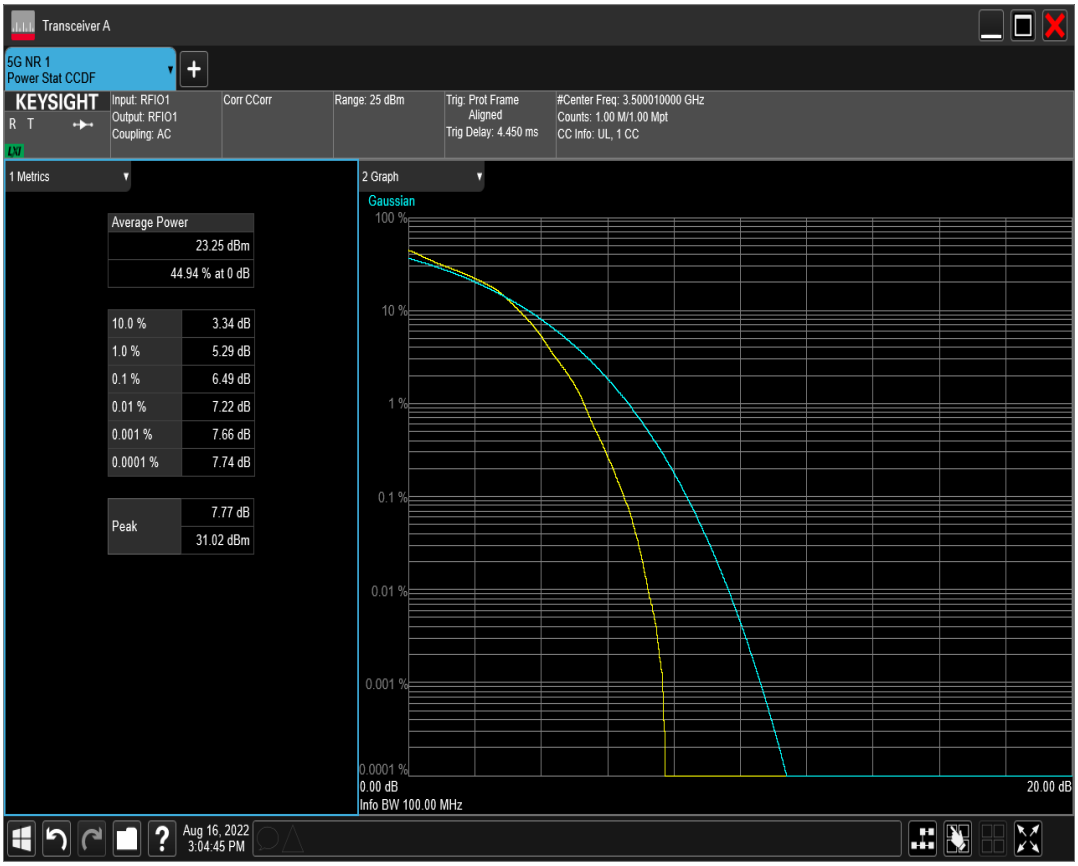
n77(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



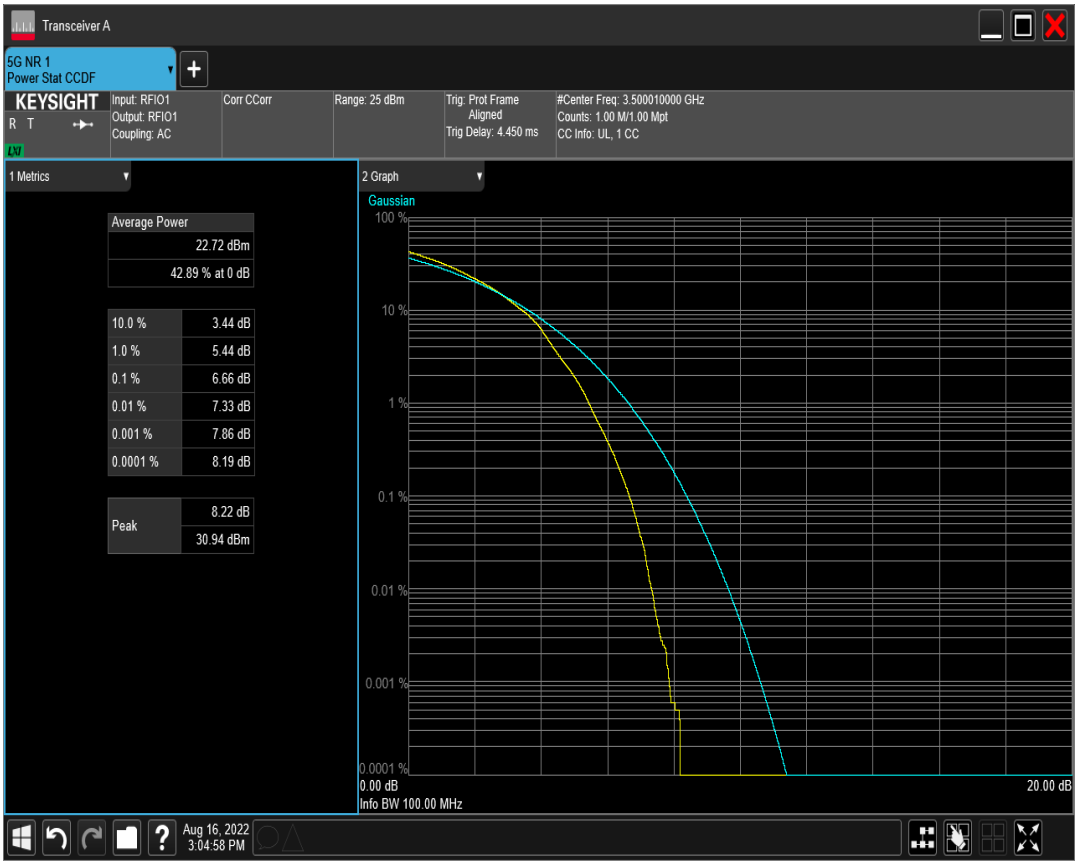
n77(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=633334 RB=216@0



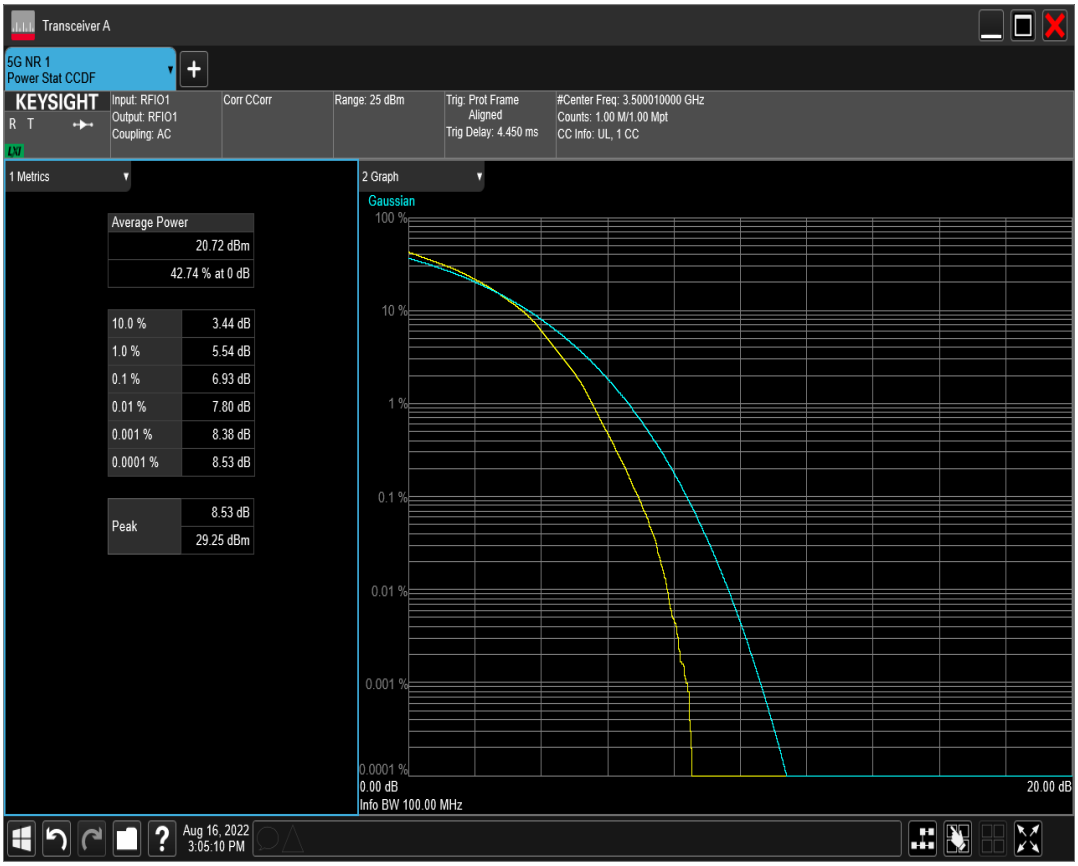
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=80MHz Channel=633334 RB=216@0



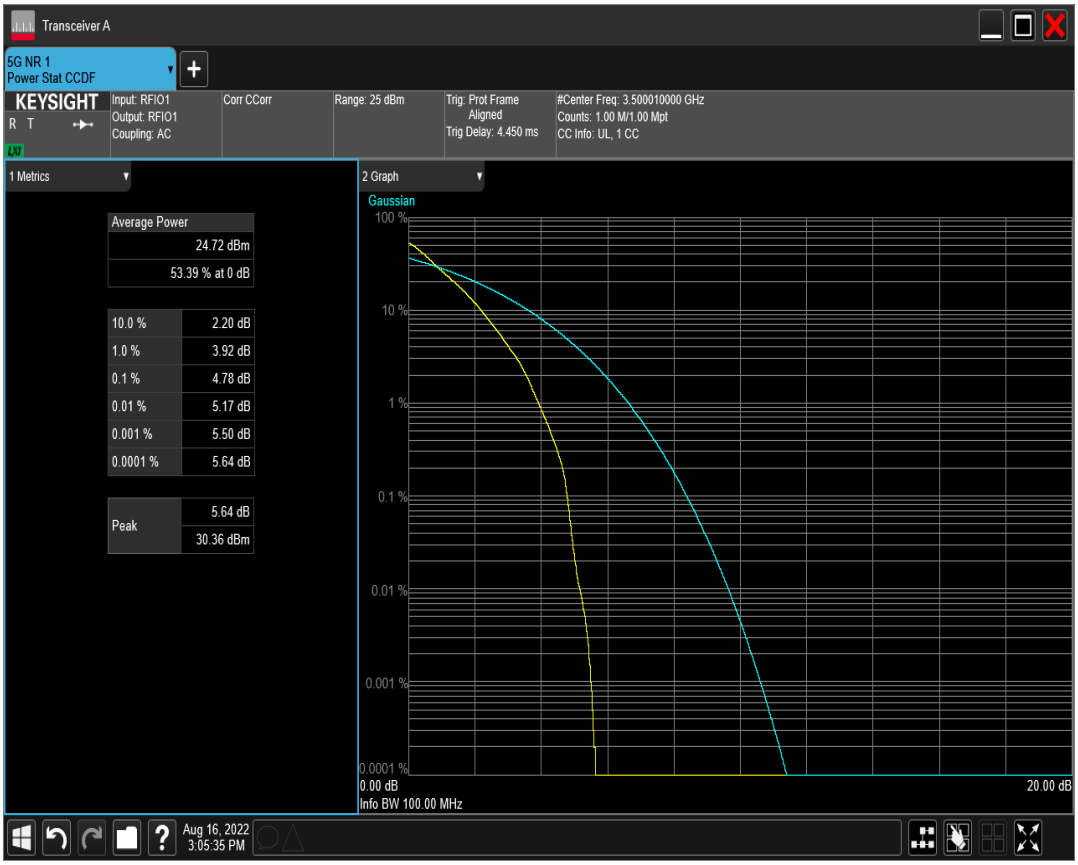
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=633334 RB=216@0



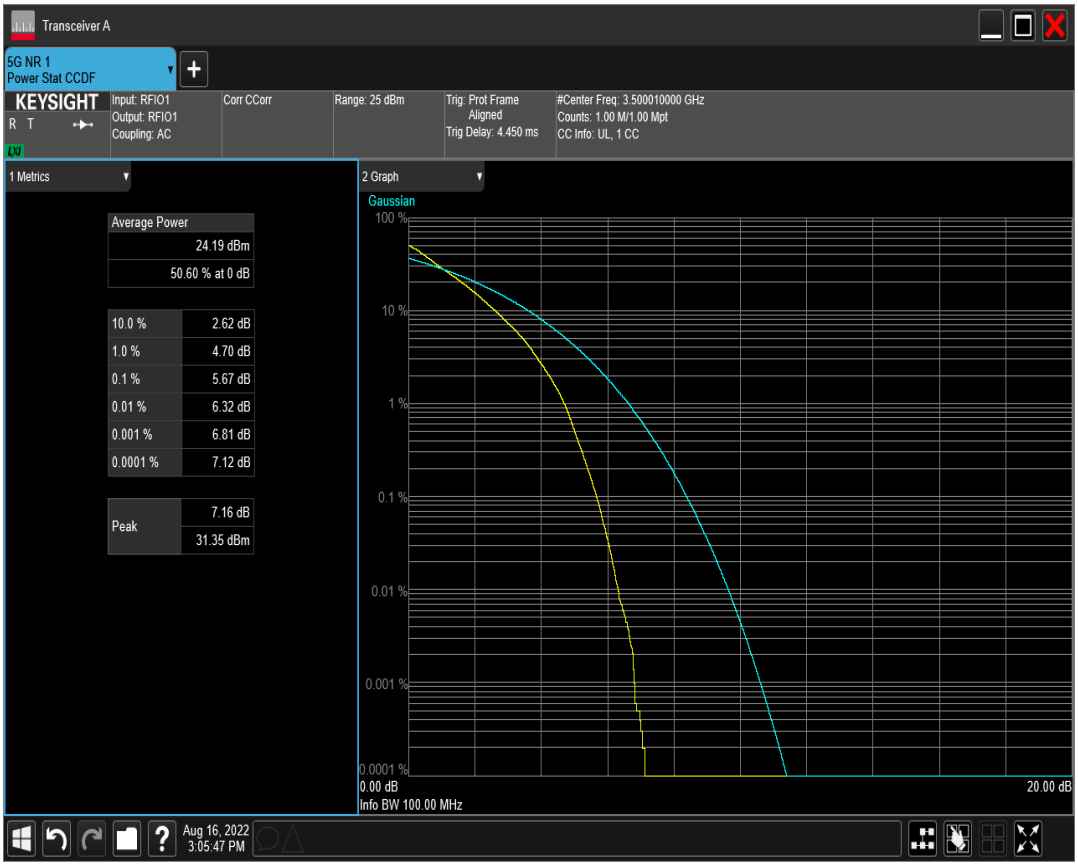
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=80MHz Channel=633334 RB=216@0



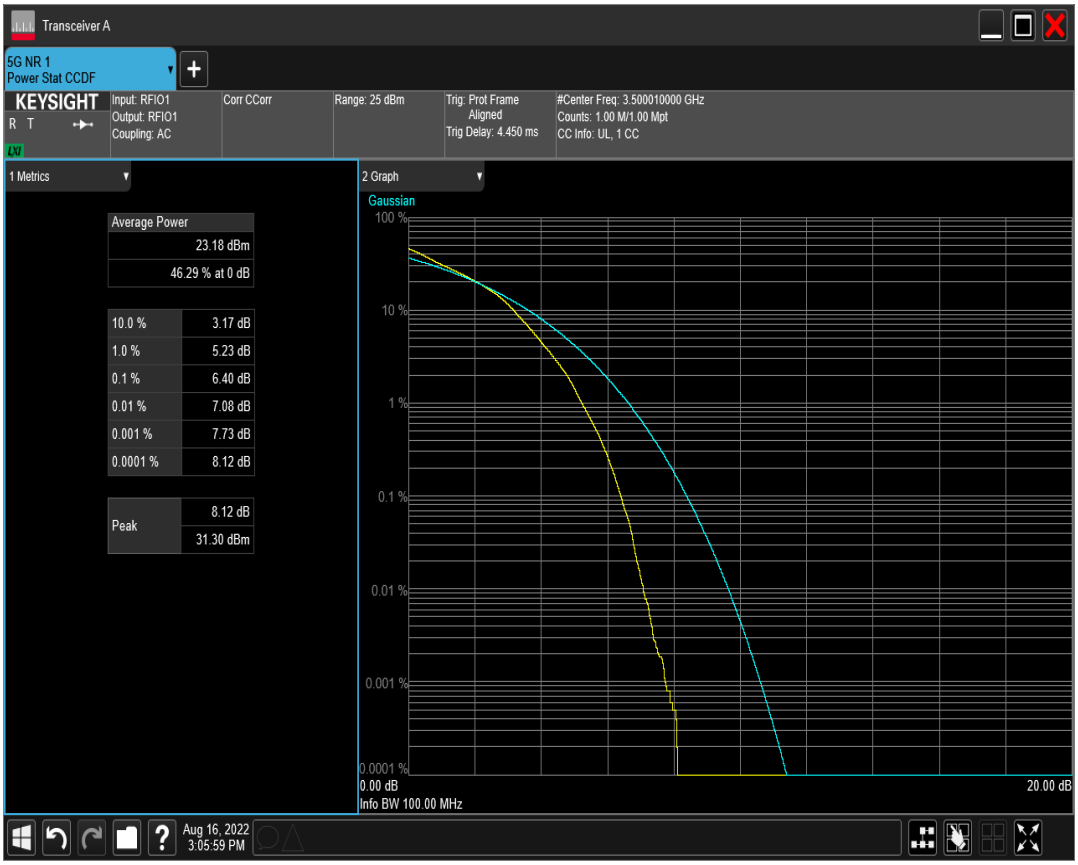
n77(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633334 RB=240@0



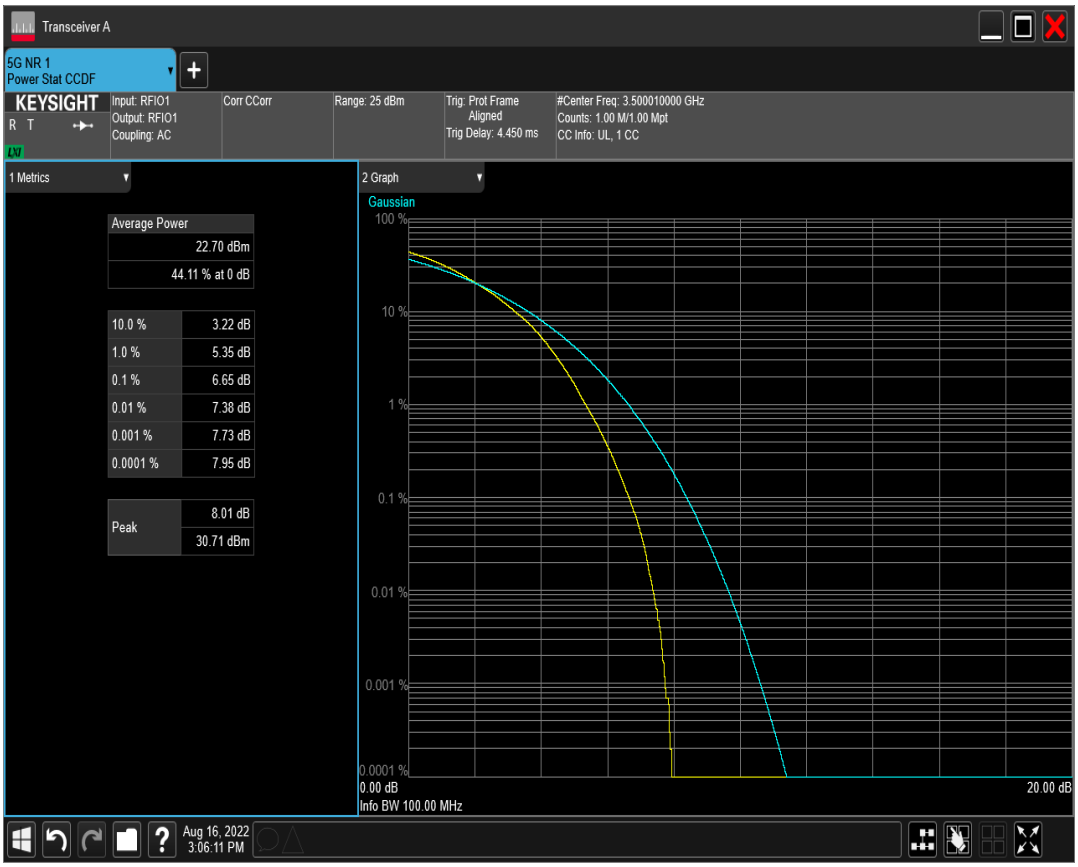
n77(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633334 RB=240@0



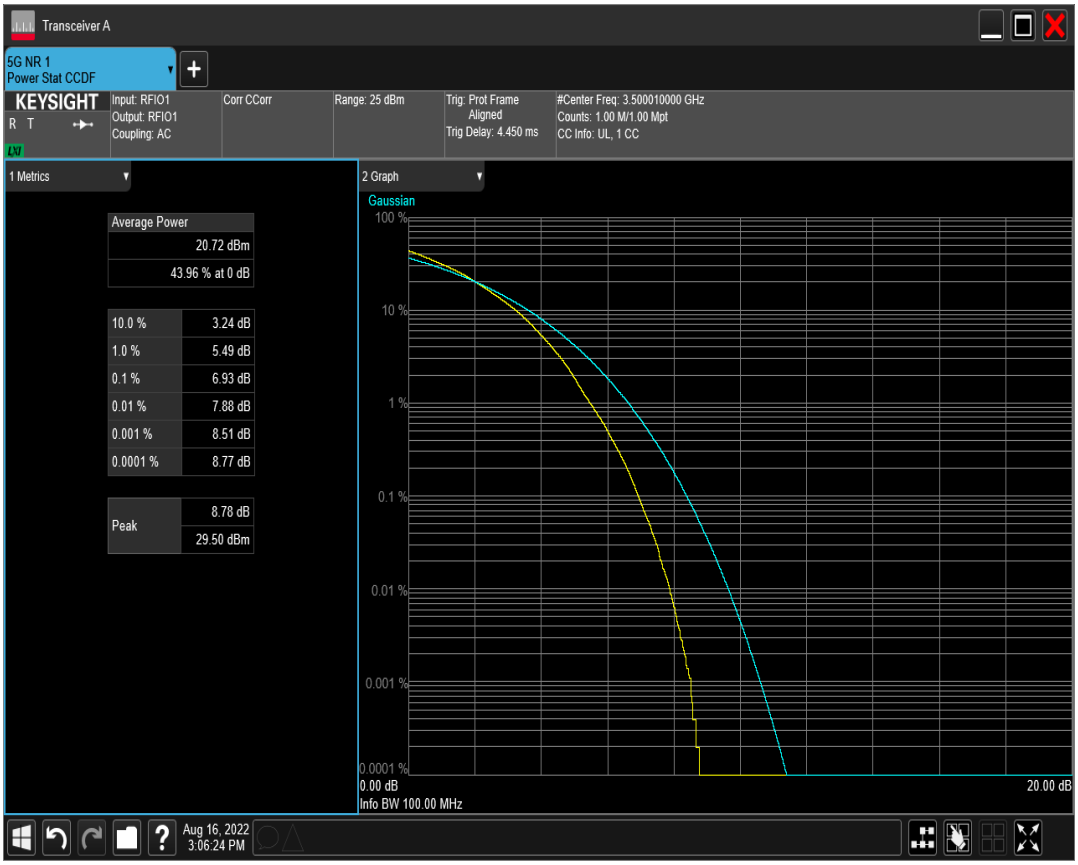
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=90MHz Channel=633334 RB=240@0



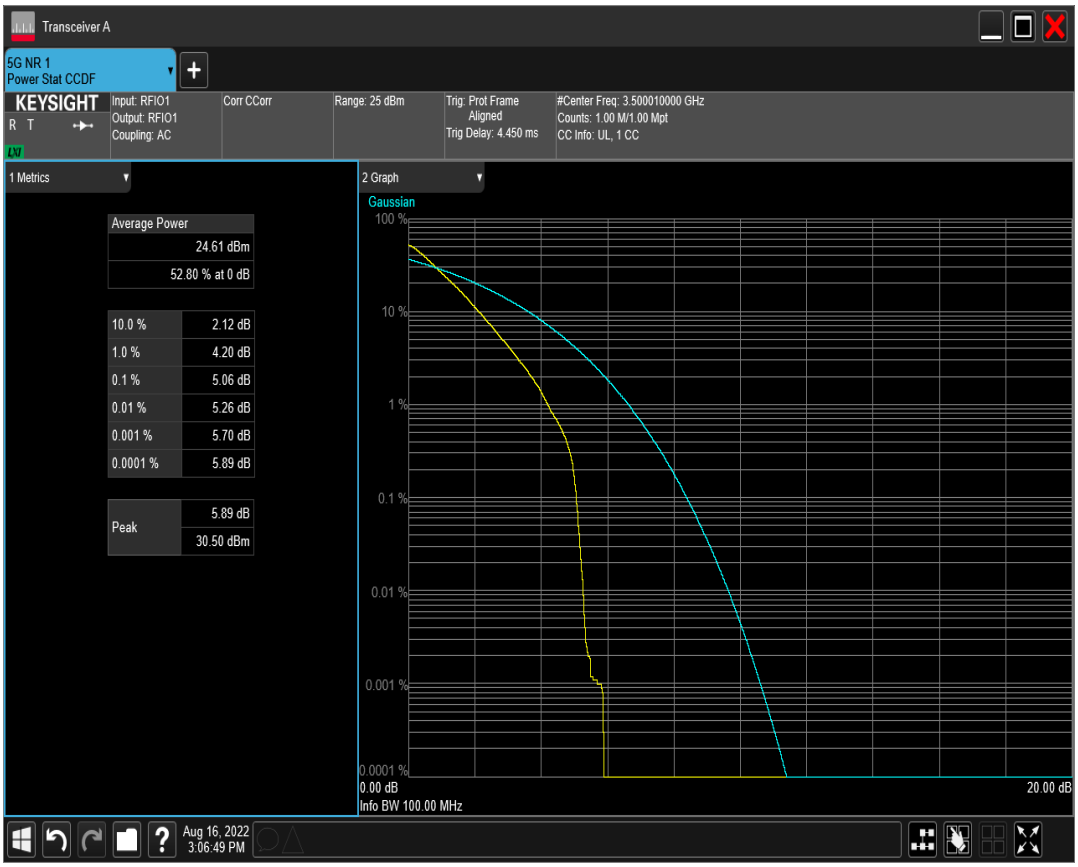
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633334 RB=240@0



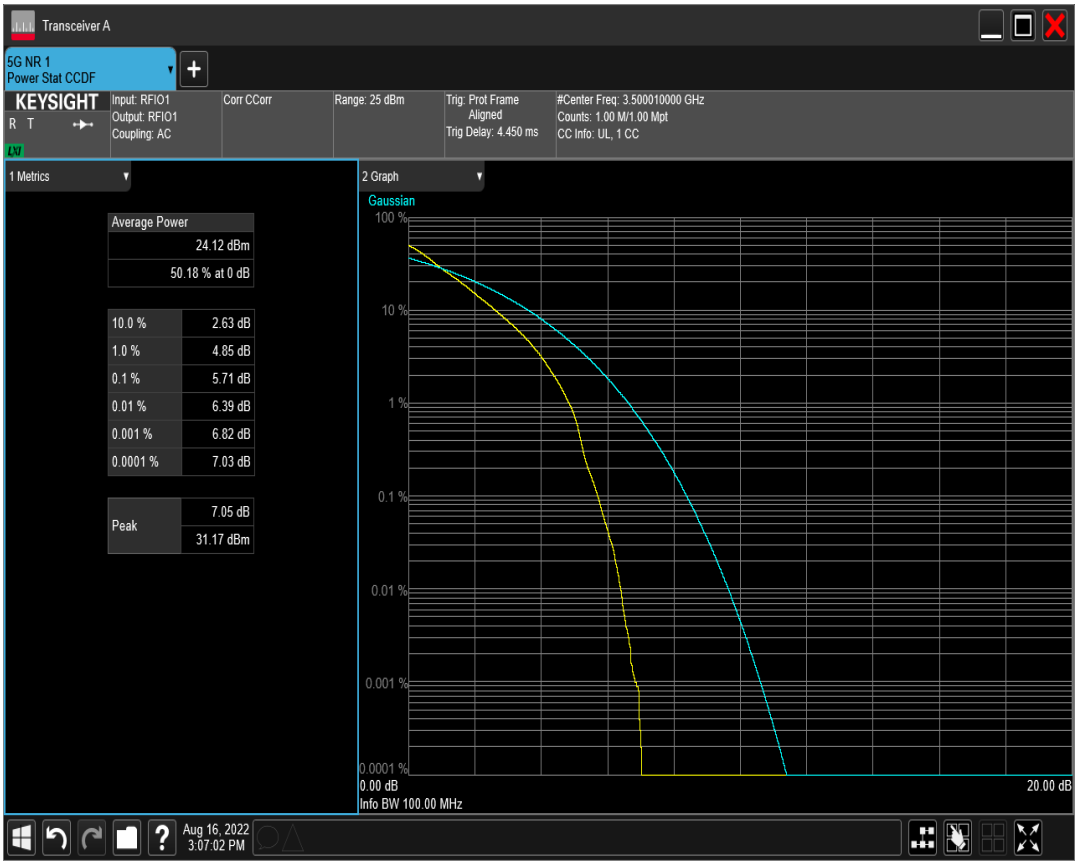
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=90MHz Channel=633334 RB=240@0



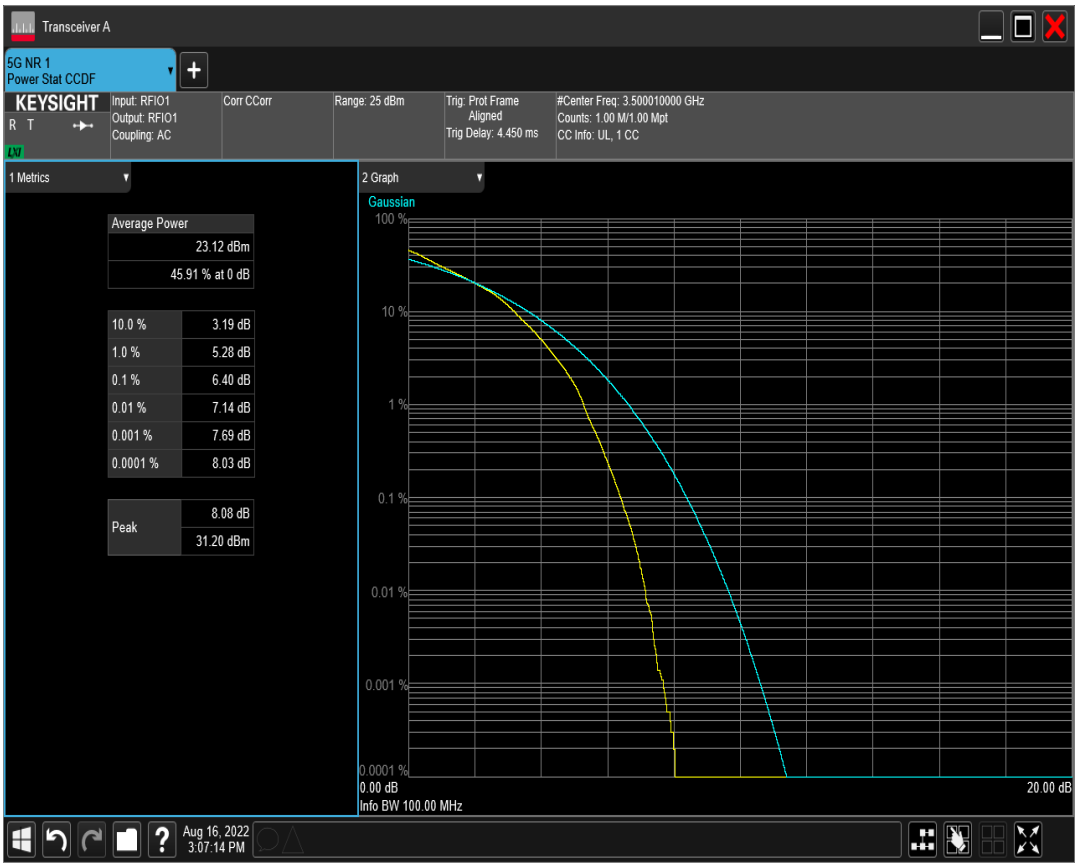
n77(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



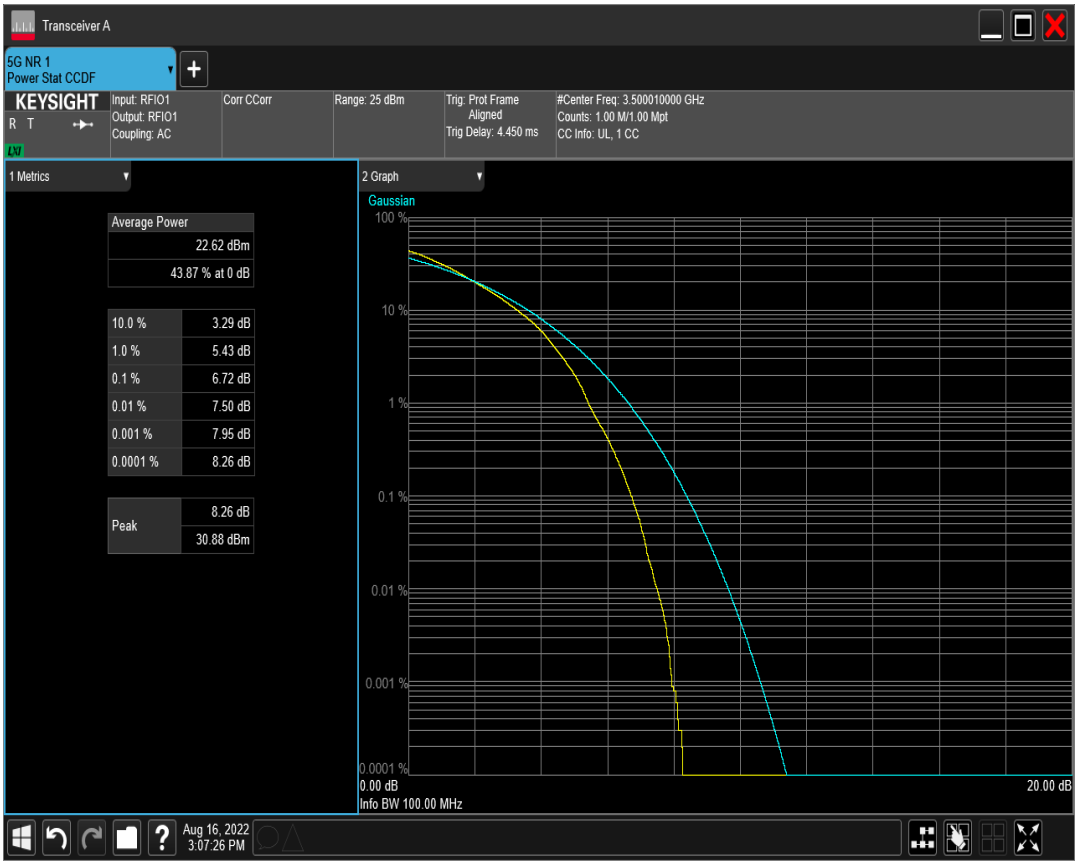
n77(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



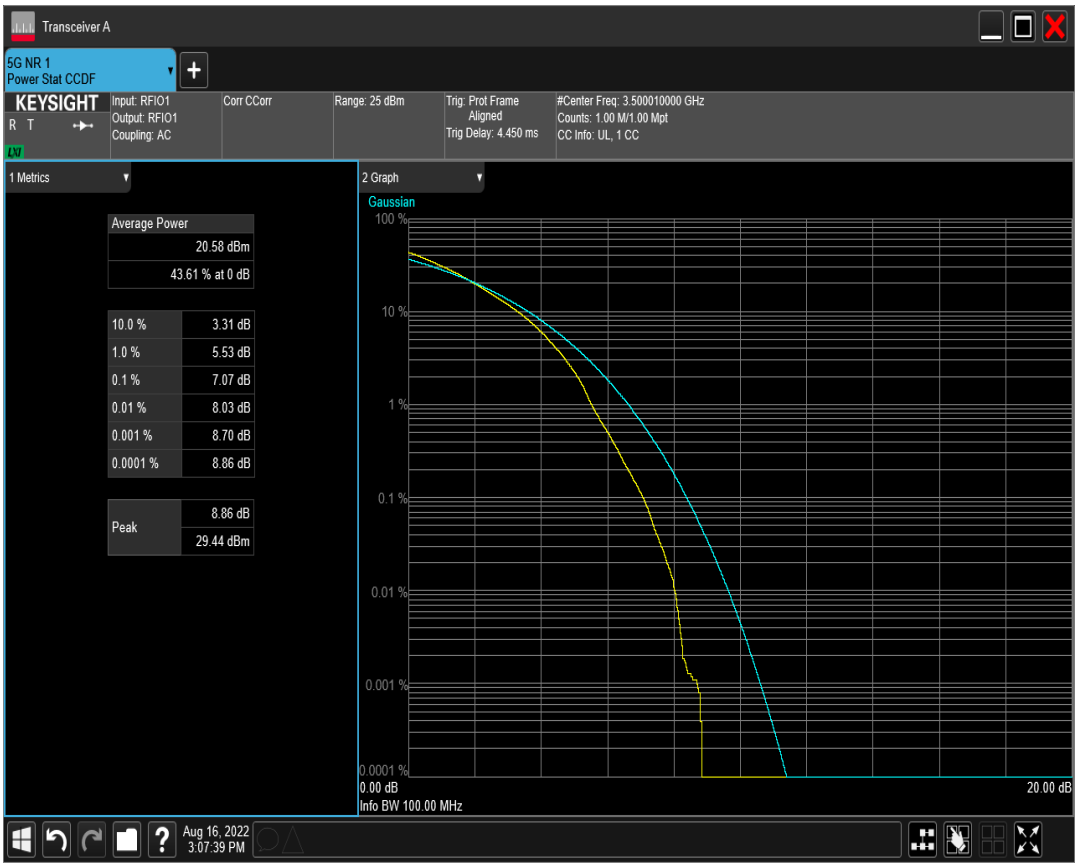
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=100MHz Channel=633334 RB=270@0



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

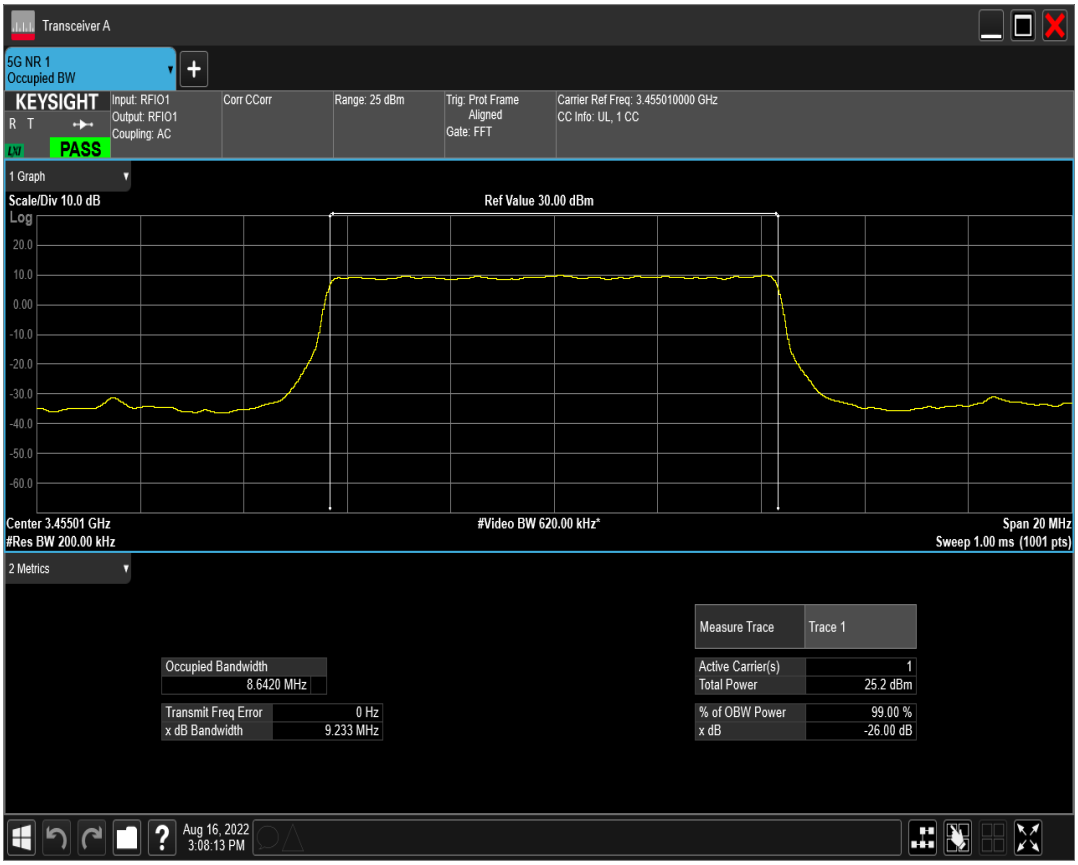
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3450-3550)	30	10	630334	24@0	DFT_BPSK	8.640	9.230	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	8.640	9.260	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM16	8.620	9.210	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM64	8.610	9.190	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM256	8.620	9.200	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	8.620	9.180	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	8.620	9.220	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	8.610	9.150	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	8.610	9.210	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	8.610	9.220	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	8.620	9.250	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	8.610	9.200	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	8.620	9.200	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM16	8.620	9.210	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM64	8.610	9.140	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM256	8.610	9.220	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	8.610	9.190	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	13.530	13.730	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	13.510	13.720	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM16	13.560	13.770	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM64	13.500	13.700	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM256	13.520	13.760	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	13.640	14.430	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	13.520	13.780	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	13.510	13.740	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	13.530	13.780	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	13.510	13.720	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	13.530	13.730	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	13.640	14.420	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	13.520	13.740	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	13.510	13.750	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM16	13.570	13.750	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM64	13.510	13.710	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM256	13.500	13.710	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	13.630	14.440	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	18.030	18.940	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	18.040	18.900	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM16	18.080	18.940	PASS

n77(3450-3550)	30	20	630668	50@0	DFT_QAM64	18.080	18.930	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM256	18.030	18.910	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	18.270	19.310	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	18.090	18.920	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	18.090	18.940	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	18.090	18.930	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	18.100	18.940	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	18.040	18.920	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	18.270	19.290	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	18.030	18.900	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	18.030	18.920	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM16	18.090	18.920	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM64	18.040	18.950	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM256	18.030	18.940	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	18.270	19.300	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_BPSK	27.630	28.450	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QPSK	27.610	28.410	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM16	27.620	28.450	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM64	27.630	28.460	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM256	27.630	28.440	PASS
n77(3450-3550)	30	30	631000	78@0	CP_QPSK	27.980	29.520	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	27.660	28.440	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	27.650	28.450	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	27.650	28.430	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	27.650	28.460	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	27.650	28.440	PASS
n77(3450-3550)	30	30	633334	78@0	CP_QPSK	27.990	29.550	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_BPSK	27.660	28.450	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QPSK	27.640	28.410	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM16	27.650	28.440	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM64	27.640	28.460	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM256	27.650	28.440	PASS
n77(3450-3550)	30	30	635666	78@0	CP_QPSK	27.990	29.550	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	37.480	37.880	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	37.480	37.880	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM16	37.470	37.850	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM64	37.490	37.860	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM256	37.510	37.870	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	37.970	40.050	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	37.510	37.870	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	37.610	37.880	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	37.510	37.880	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	37.640	37.910	PASS

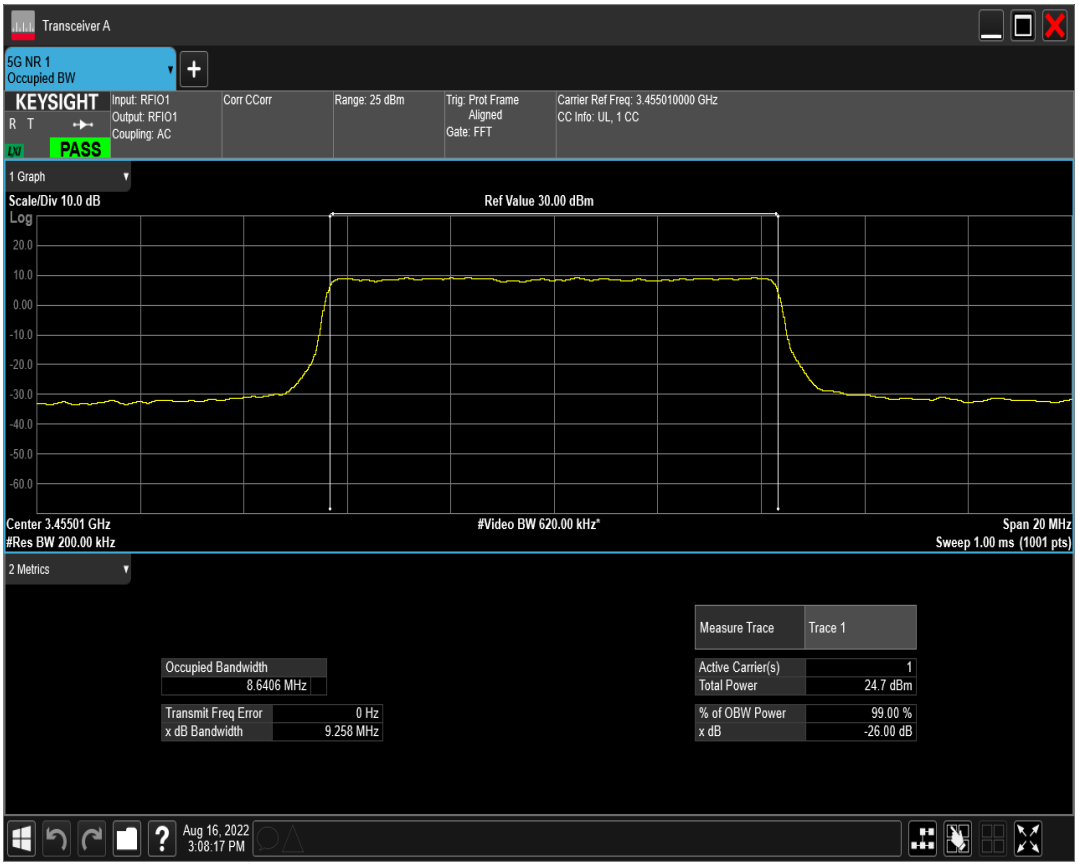
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	37.630	37.880	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	37.980	40.060	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	37.600	37.860	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	37.620	37.880	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM16	37.510	37.870	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM64	37.650	37.920	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM256	37.620	37.890	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	37.990	40.060	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	47.050	48.350	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	47.070	48.350	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM16	47.040	48.370	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM64	47.080	48.360	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM256	47.080	48.350	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	47.640	50.200	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	47.090	48.340	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	47.070	48.380	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	47.080	48.360	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	47.080	48.370	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	47.220	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	47.090	48.350	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	47.070	48.390	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM16	47.070	48.370	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM64	47.090	48.370	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM256	47.200	48.370	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	47.660	50.240	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	57.920	60.950	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	57.920	60.970	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM16	57.920	60.970	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM64	57.950	60.990	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM256	57.930	60.950	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	57.940	61.010	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	57.930	60.970	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	58.080	61.010	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	57.930	60.980	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	57.930	60.980	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	57.940	60.970	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	57.950	61.020	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	57.950	60.970	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	58.090	61.010	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM16	57.950	60.990	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM64	57.950	60.980	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM256	57.950	60.980	PASS

n77(3450-3550)	30	60	634666	162@0	CP_QPSK	58.090	61.040	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	77.460	81.330	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	77.250	81.330	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM16	77.280	81.330	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM64	77.250	81.320	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM256	77.270	81.360	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	77.590	81.760	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	77.440	81.340	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	77.270	81.340	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	77.270	81.330	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	77.260	81.330	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	77.450	81.360	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	77.770	81.770	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	77.520	81.380	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	77.270	81.340	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM16	77.470	81.340	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM64	77.480	81.350	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM256	77.480	81.380	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	77.790	81.770	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_BPSK	86.550	90.530	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QPSK	86.540	90.480	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM16	86.520	90.530	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM64	86.540	90.520	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM256	86.560	90.490	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	87.630	92.330	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	86.570	90.510	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	86.550	90.470	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	86.540	90.530	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	86.550	90.510	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	86.790	90.520	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	87.640	92.300	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_BPSK	86.770	90.510	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QPSK	86.570	90.470	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM16	86.560	90.530	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM64	86.580	90.520	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM256	86.810	90.520	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	87.650	92.300	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	96.820	101.610	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	96.800	101.620	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	96.560	101.580	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	96.570	101.580	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	96.820	101.620	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	97.630	102.720	PASS

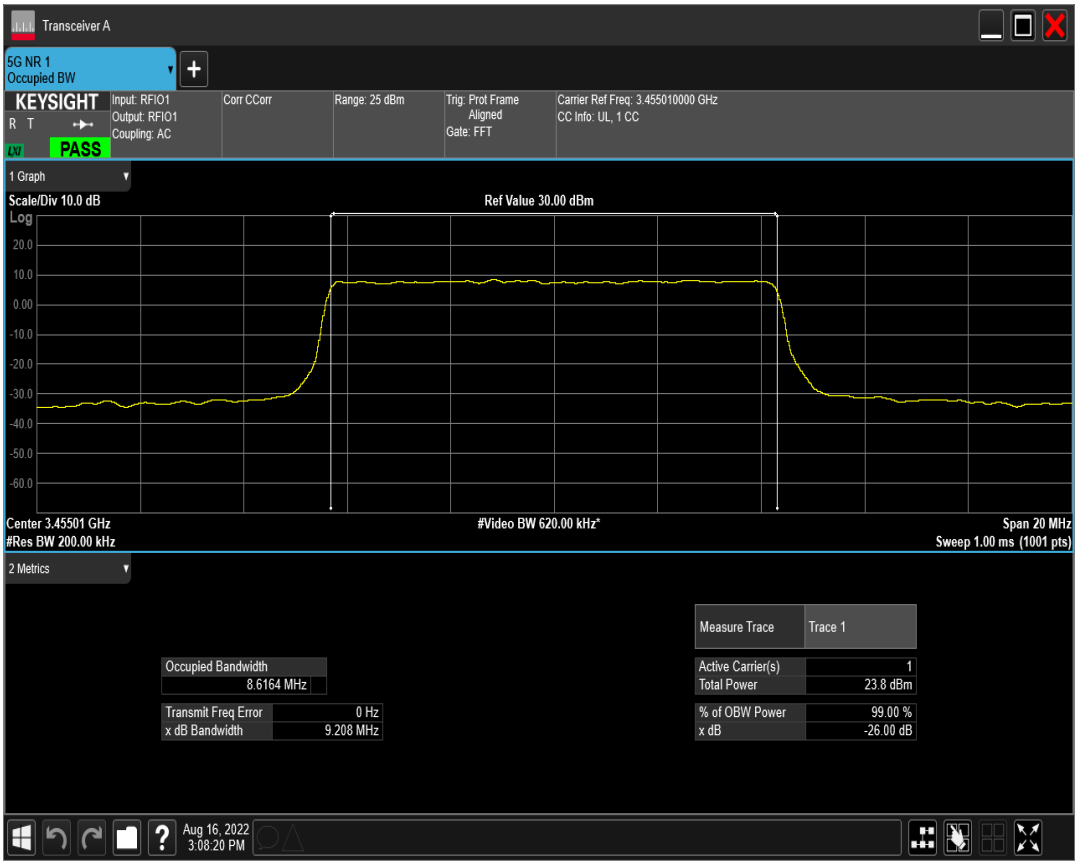
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=630334 RB=24@0



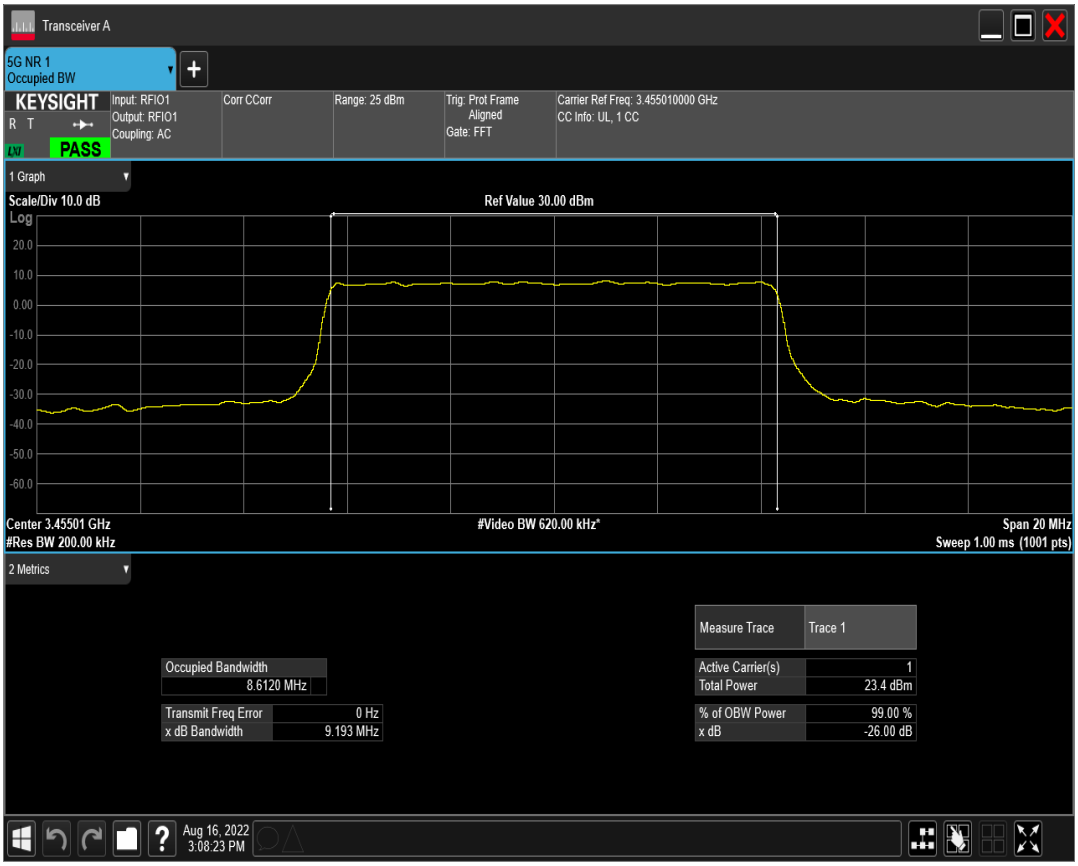
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=630334 RB=24@0



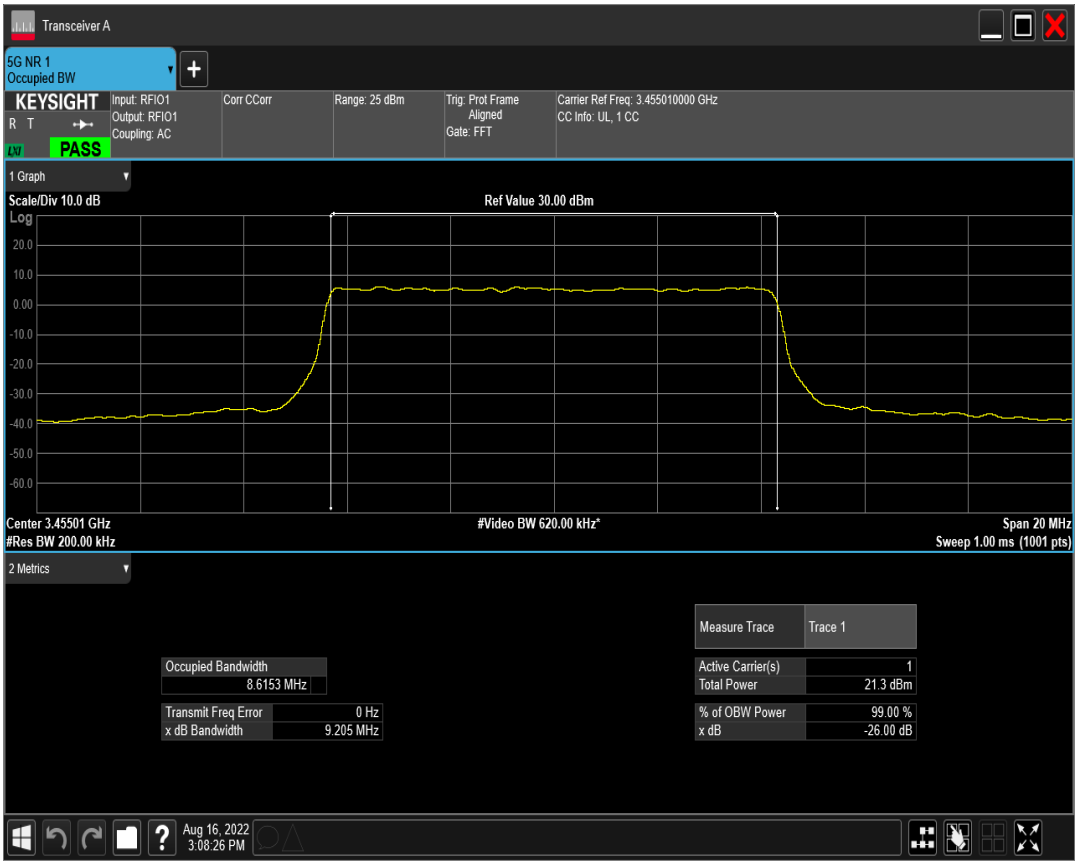
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=630334 RB=24@0



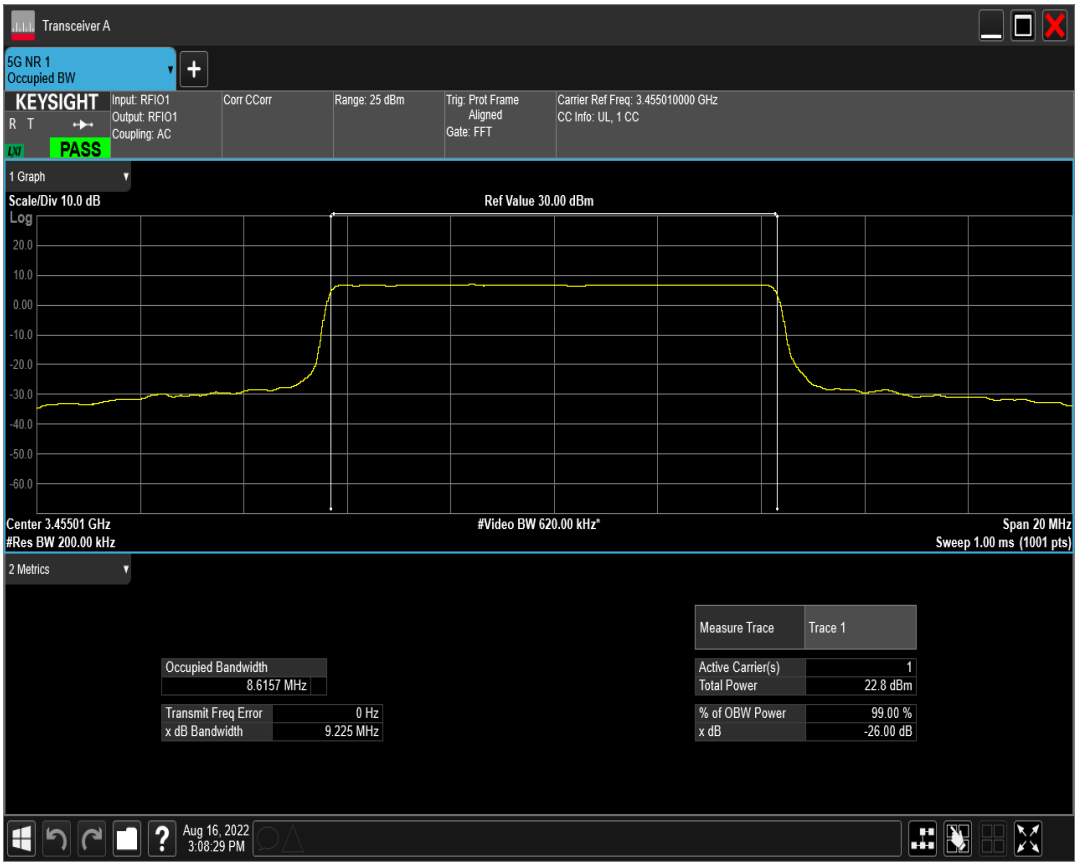
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=630334 RB=24@0



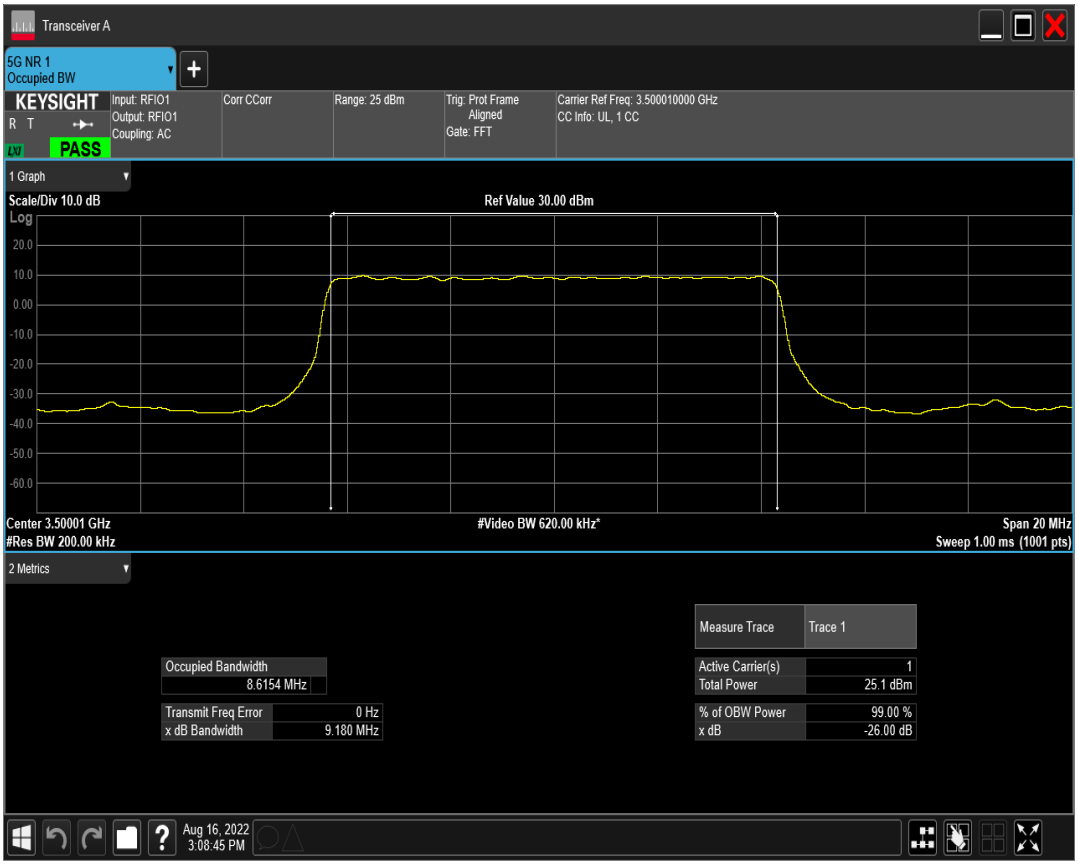
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=630334 RB=24@0



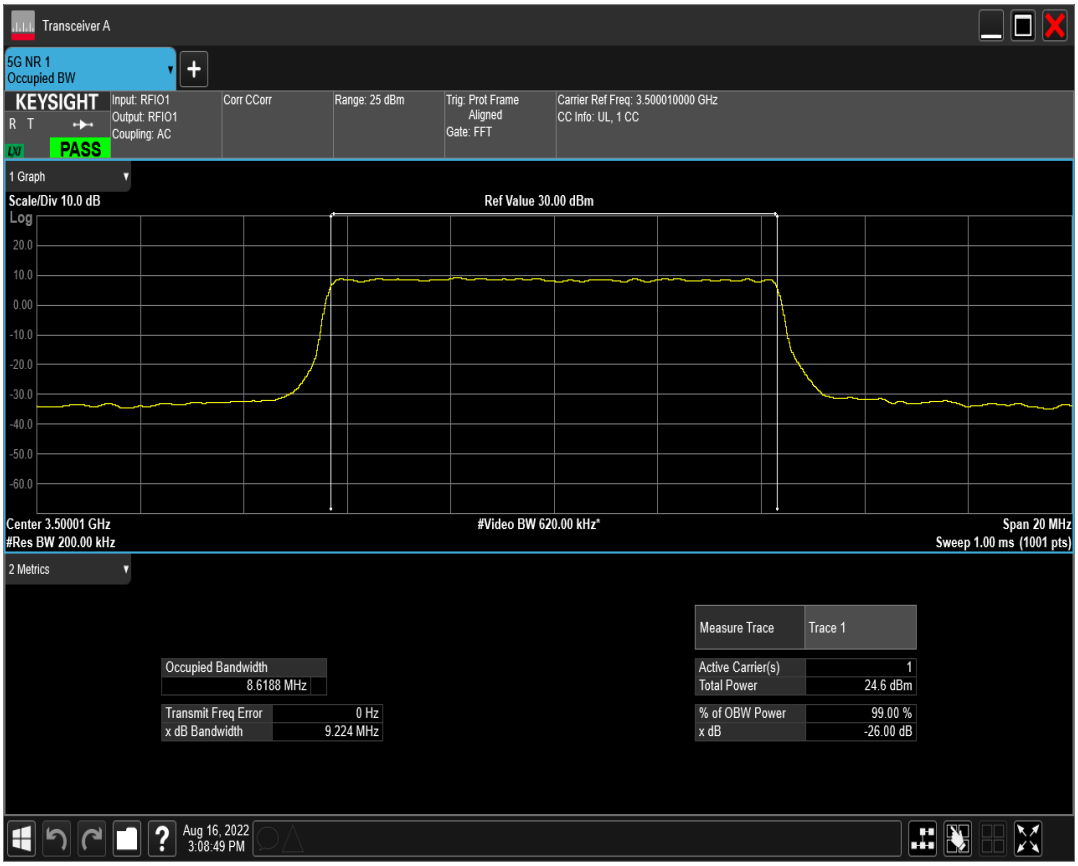
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=630334 RB=24@0



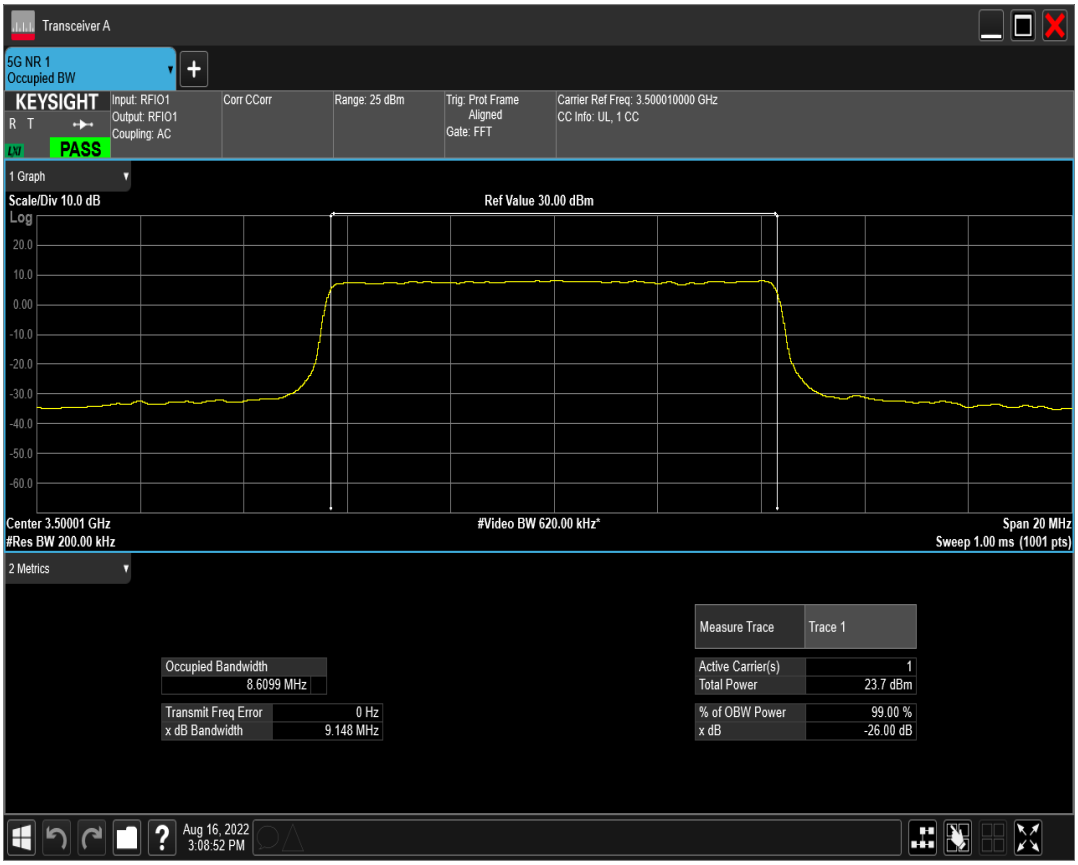
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



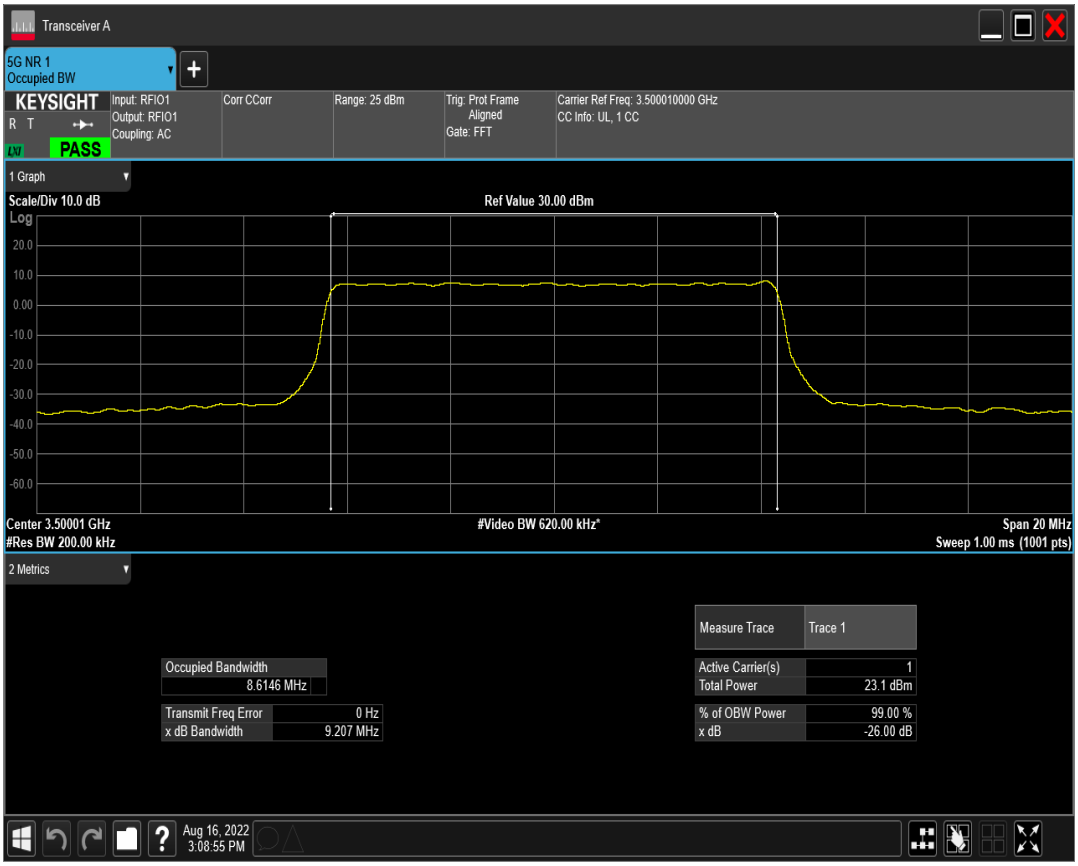
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



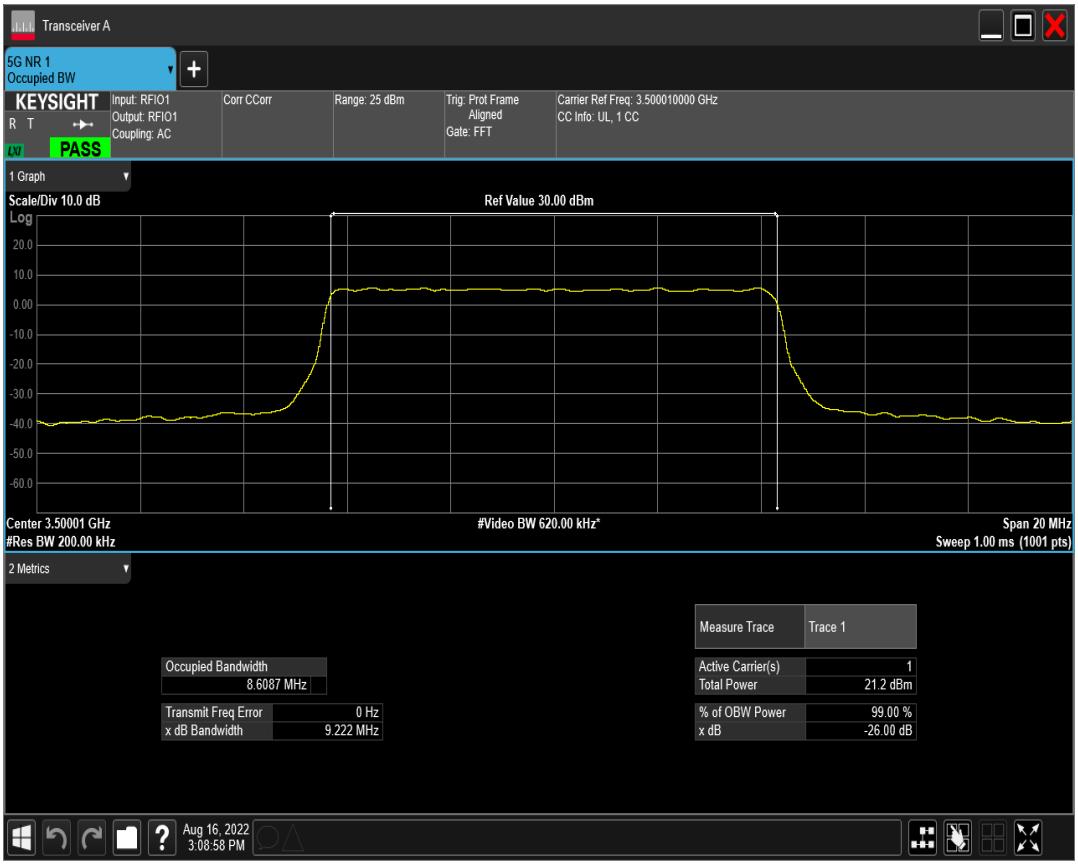
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=633334 RB=24@0



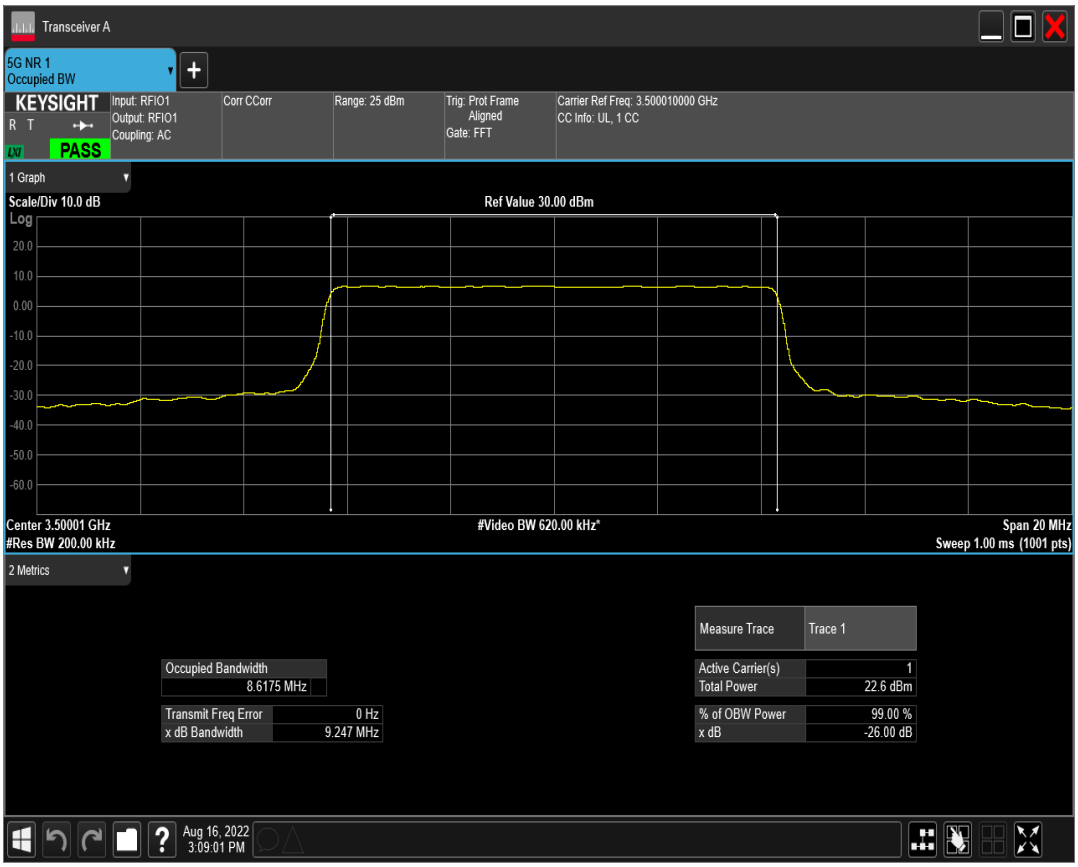
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=633334 RB=24@0



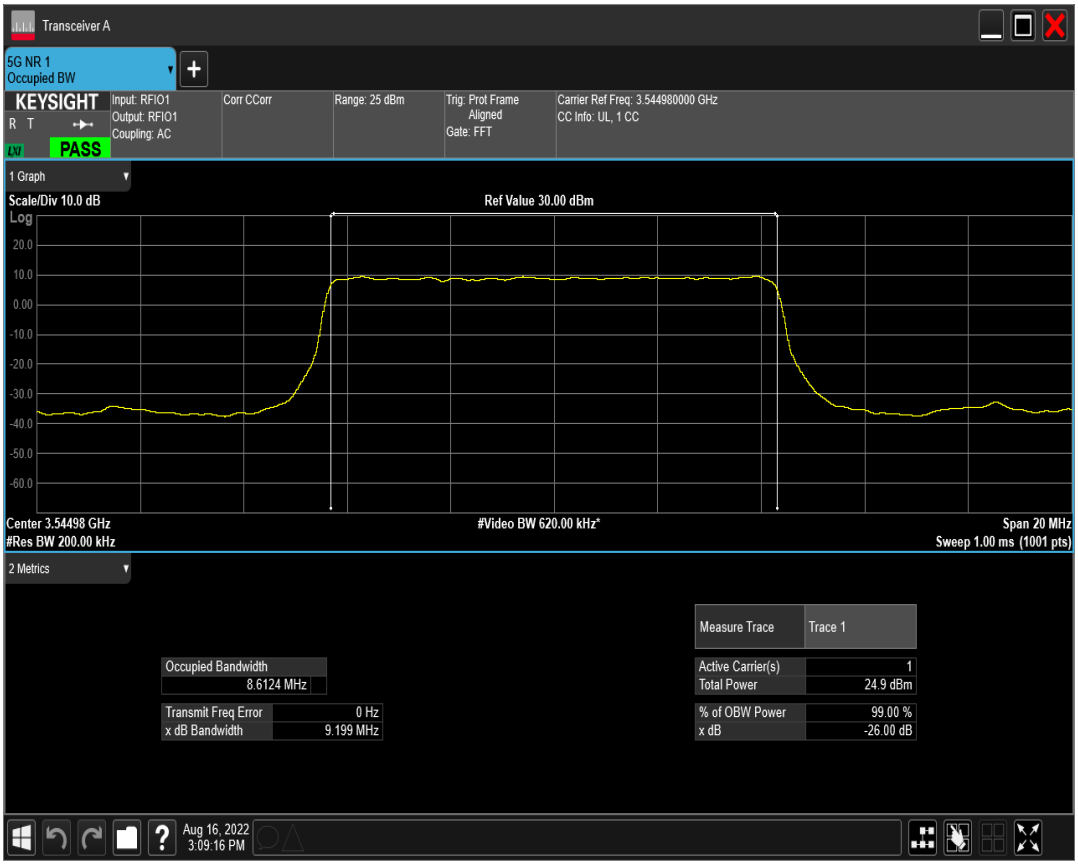
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=633334 RB=24@0



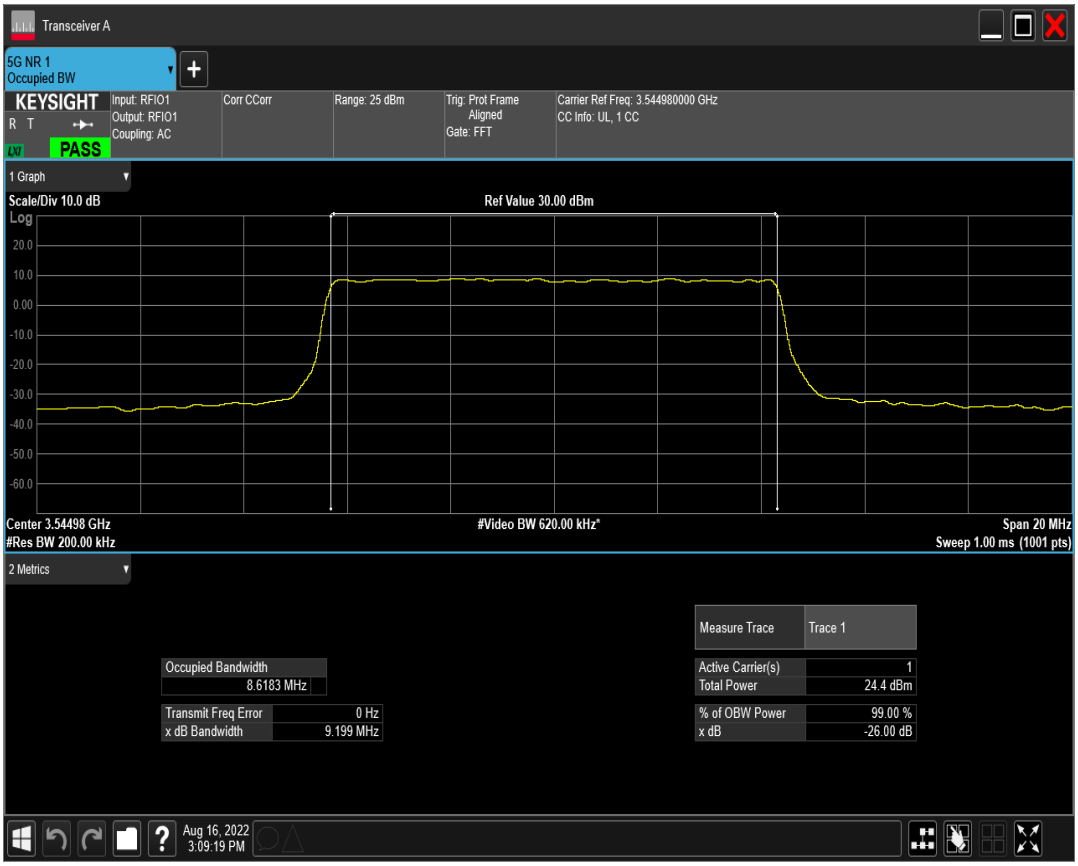
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=633334 RB=24@0



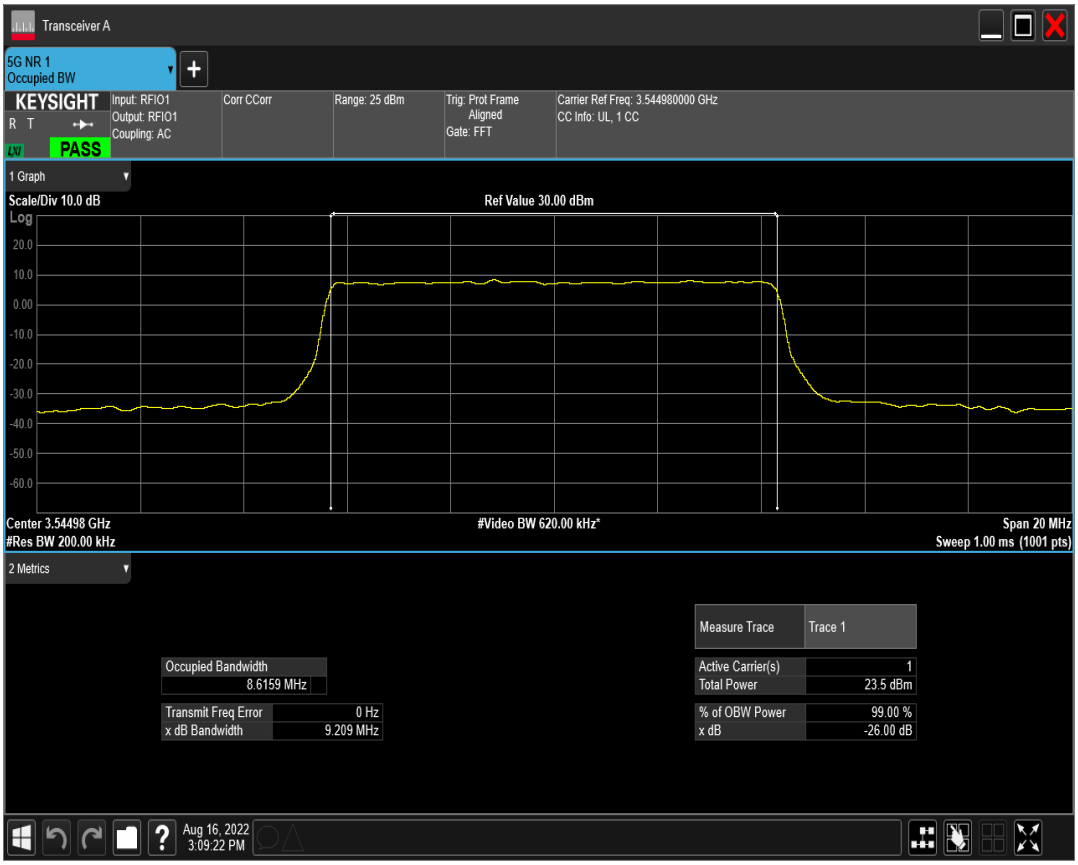
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=636332 RB=24@0



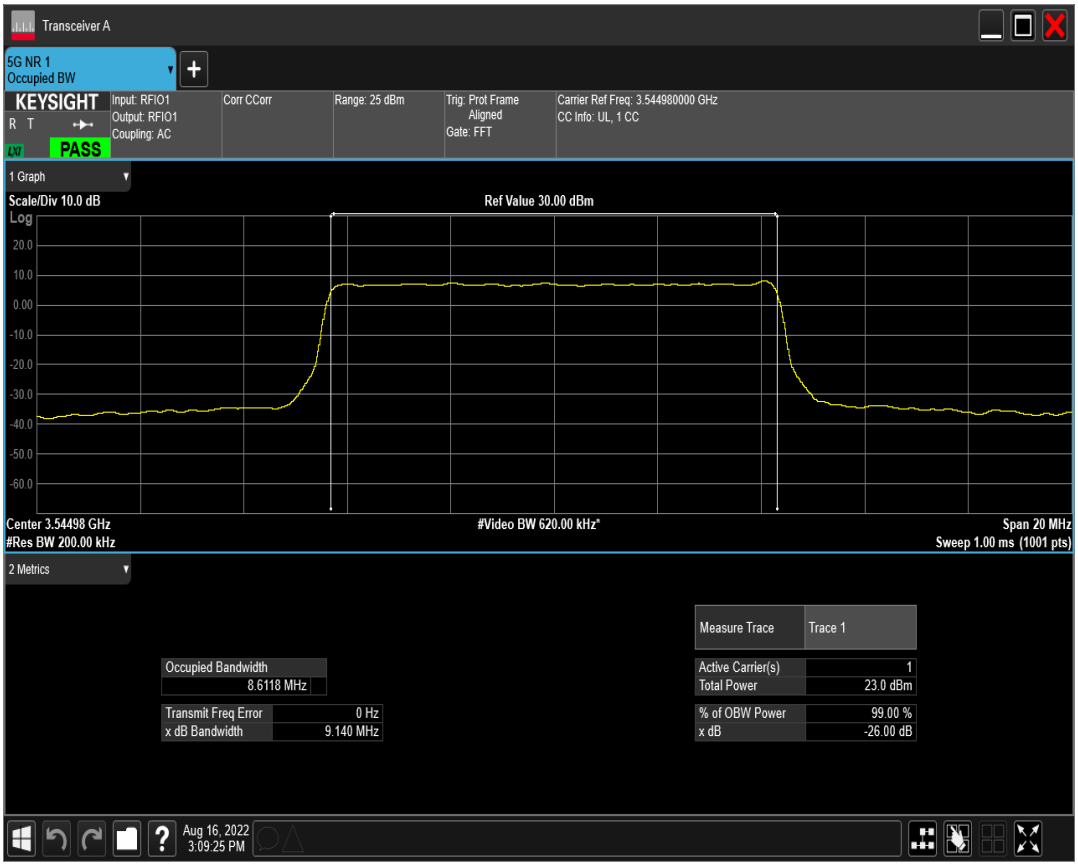
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=636332 RB=24@0



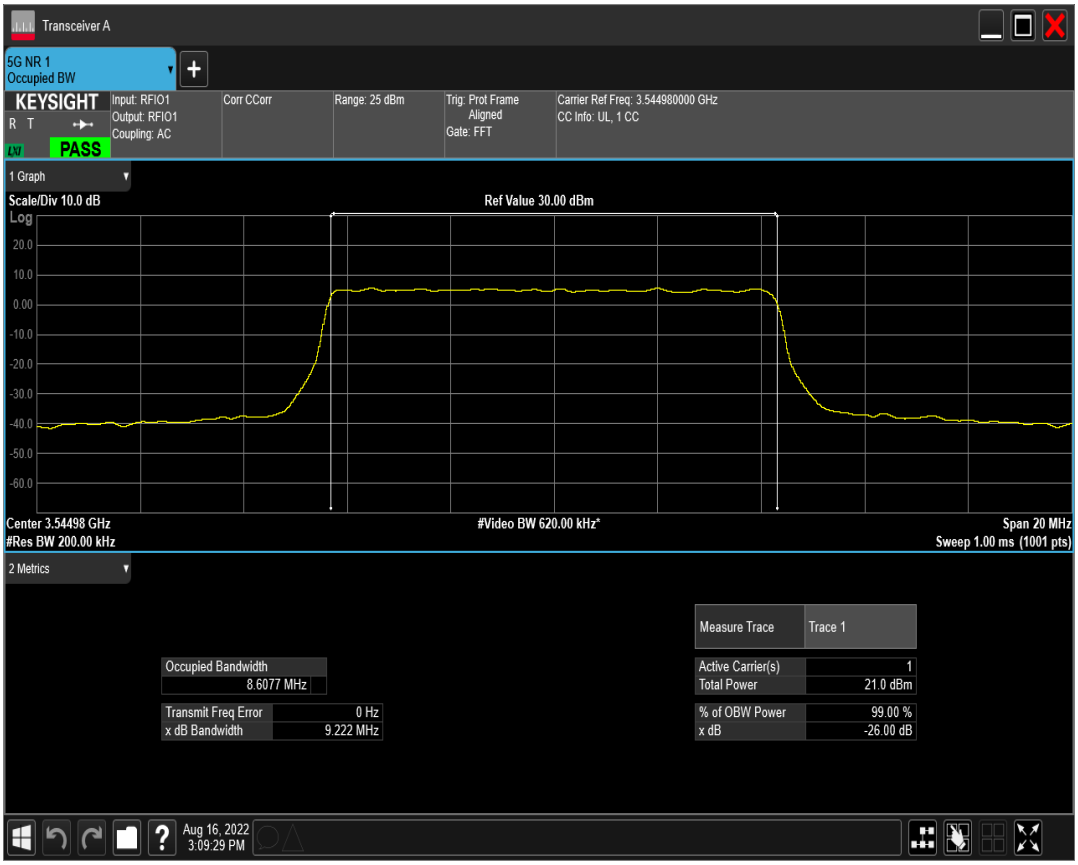
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=636332 RB=24@0



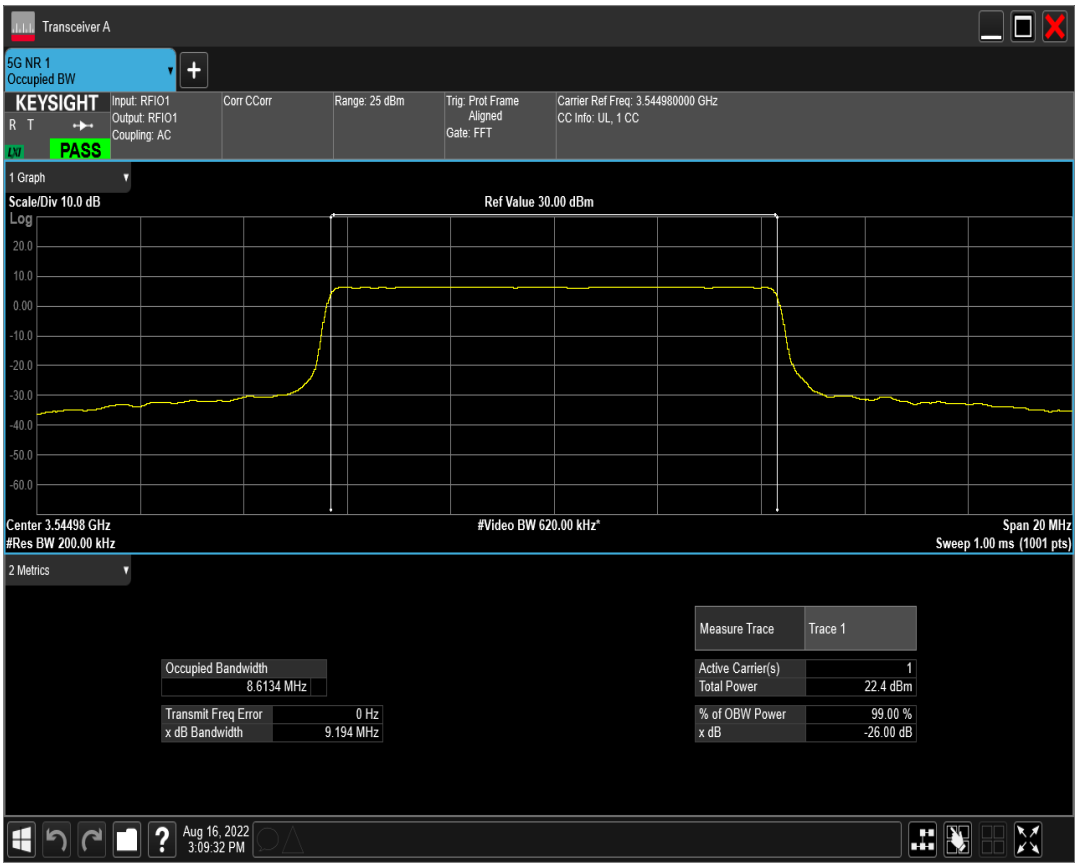
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=636332 RB=24@0



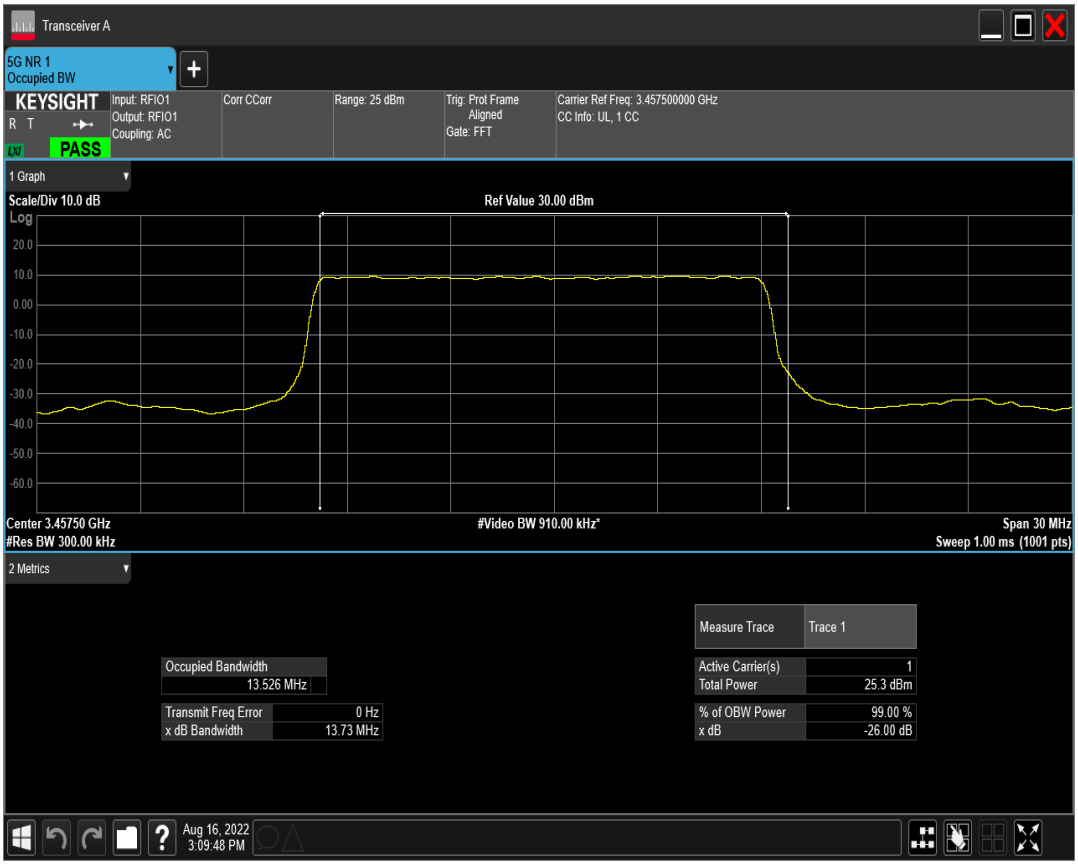
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=636332 RB=24@0



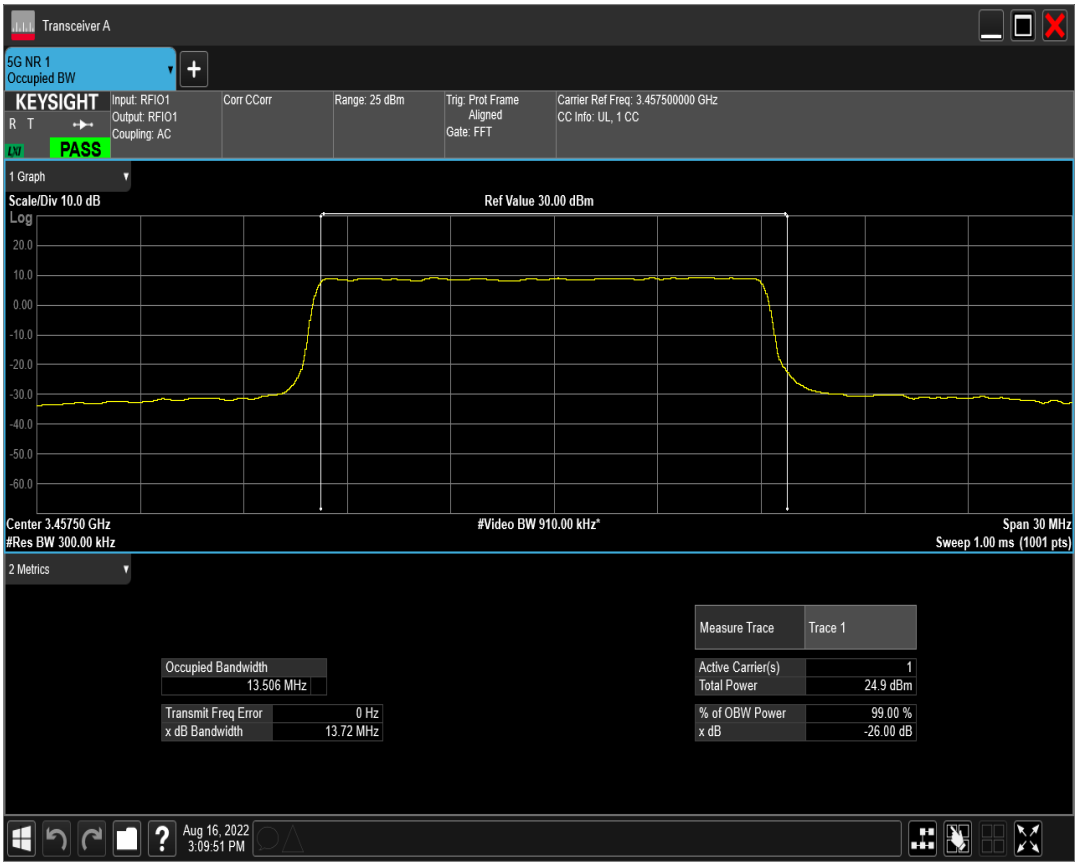
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=636332 RB=24@0



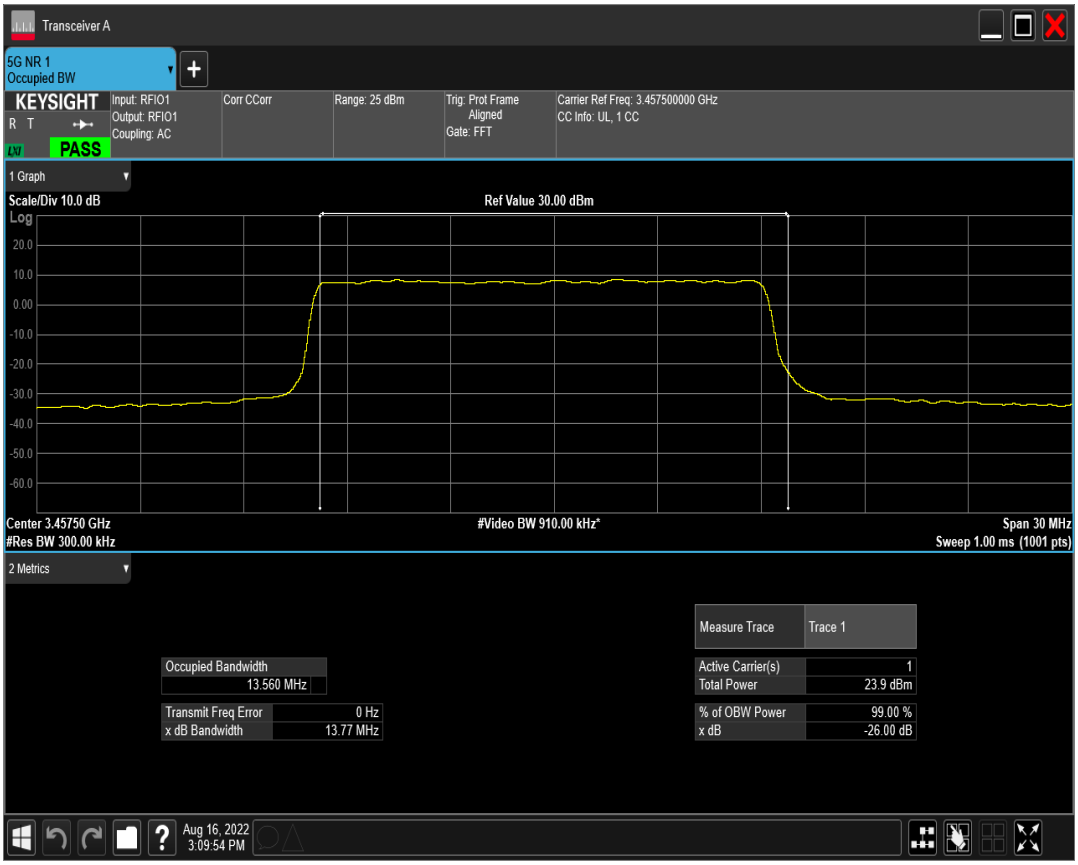
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=630500 RB=36@0



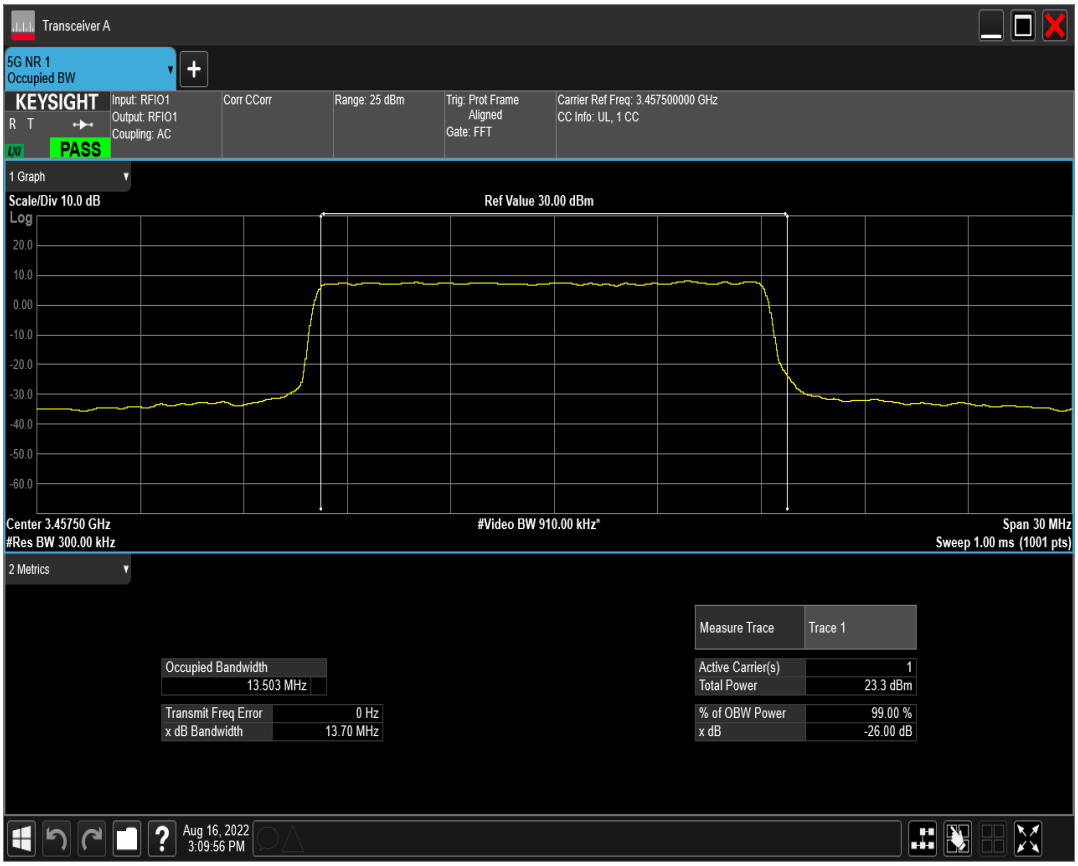
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=630500 RB=36@0



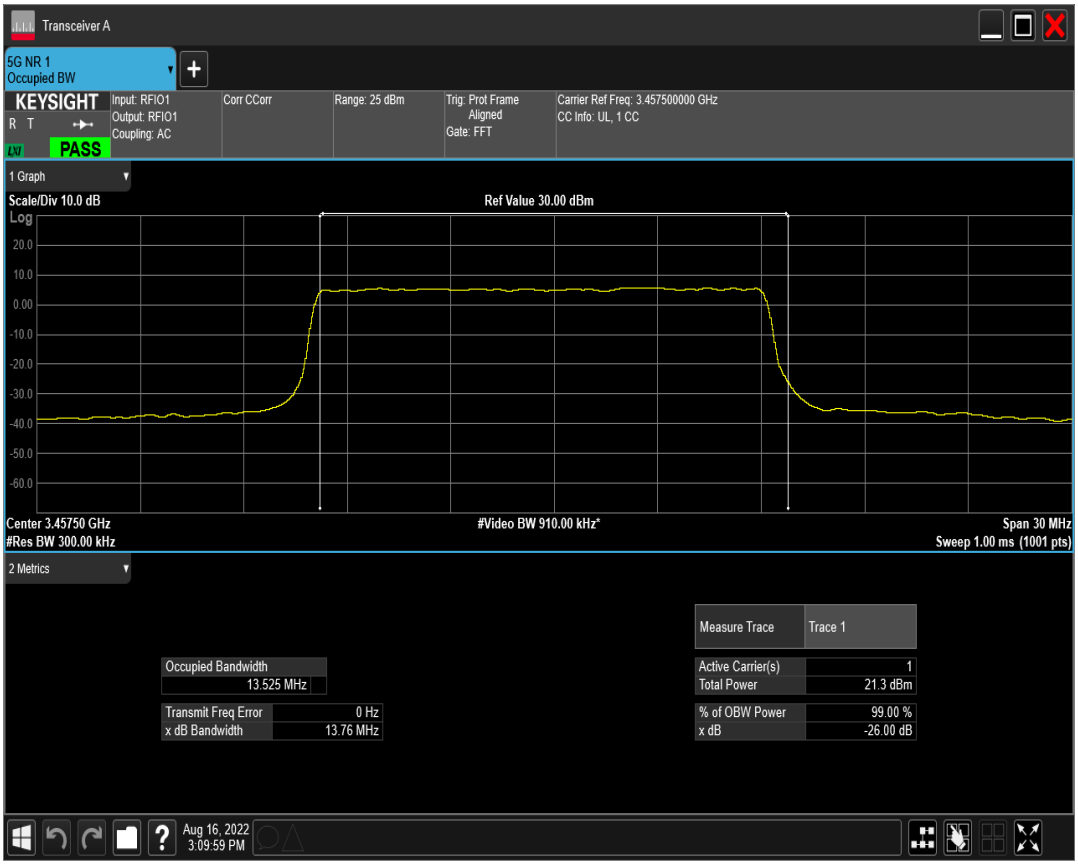
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=630500 RB=36@0



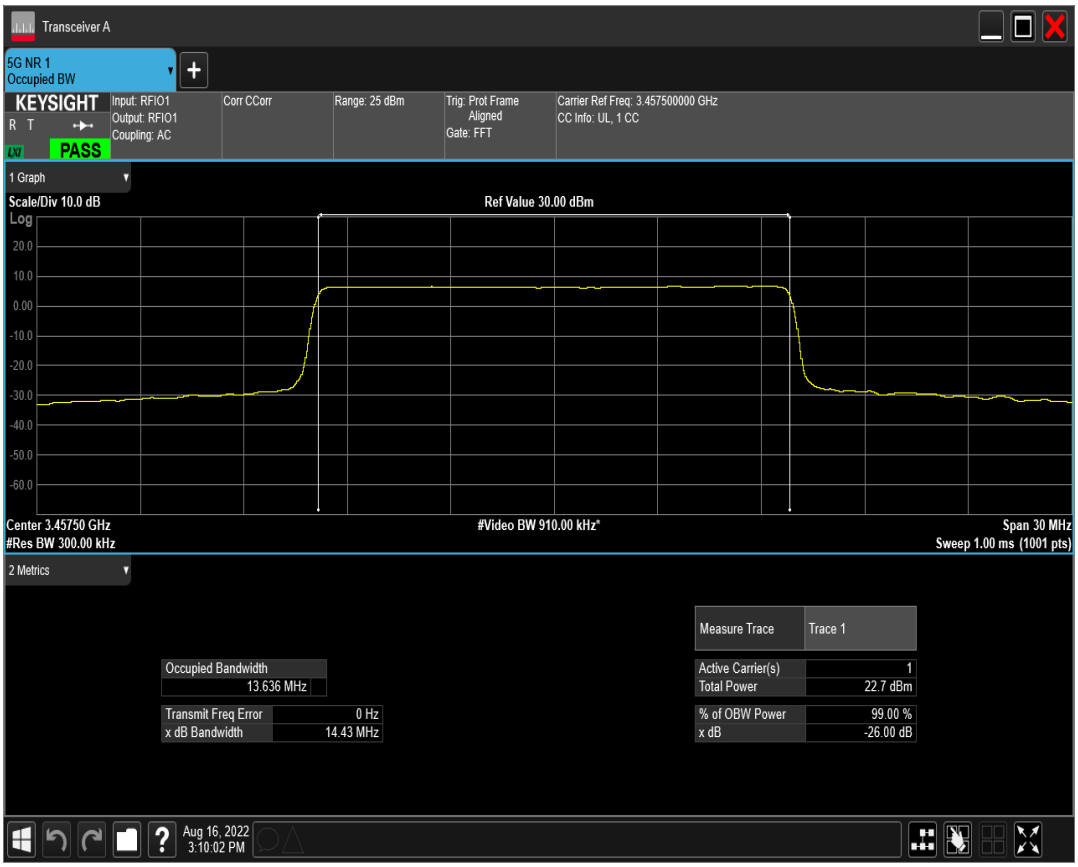
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=630500 RB=36@0



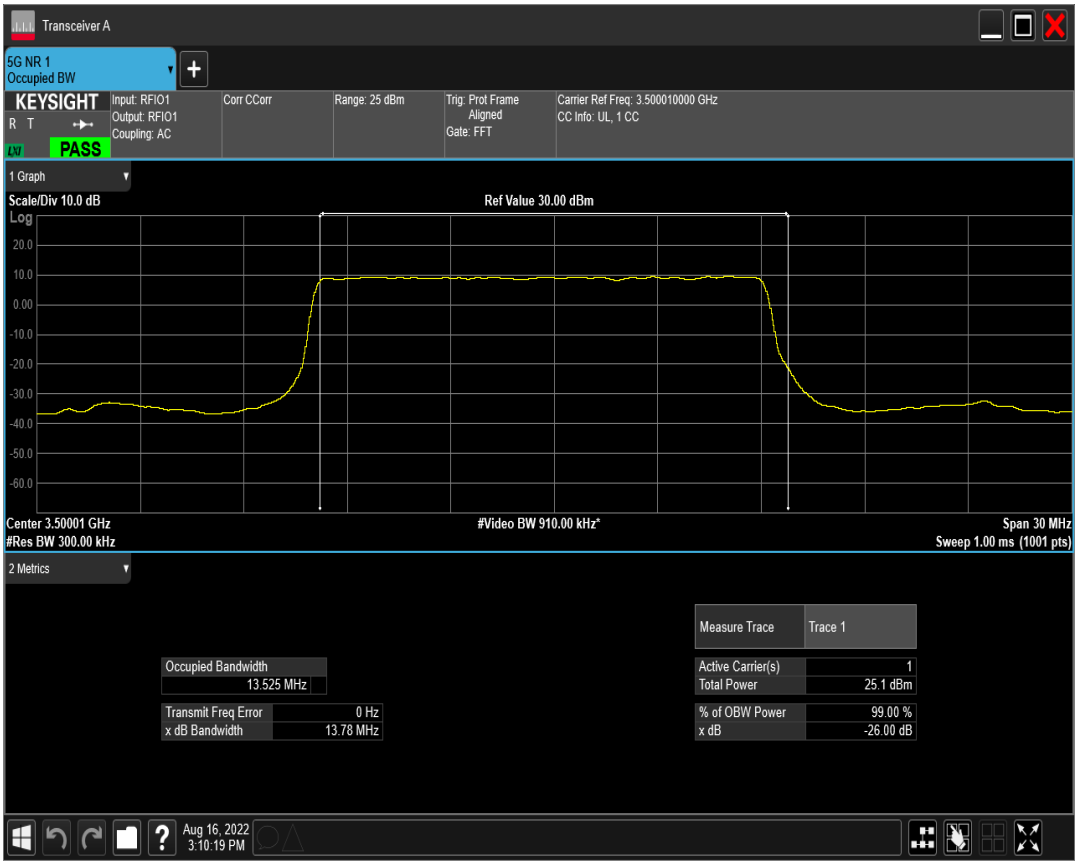
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=630500 RB=36@0



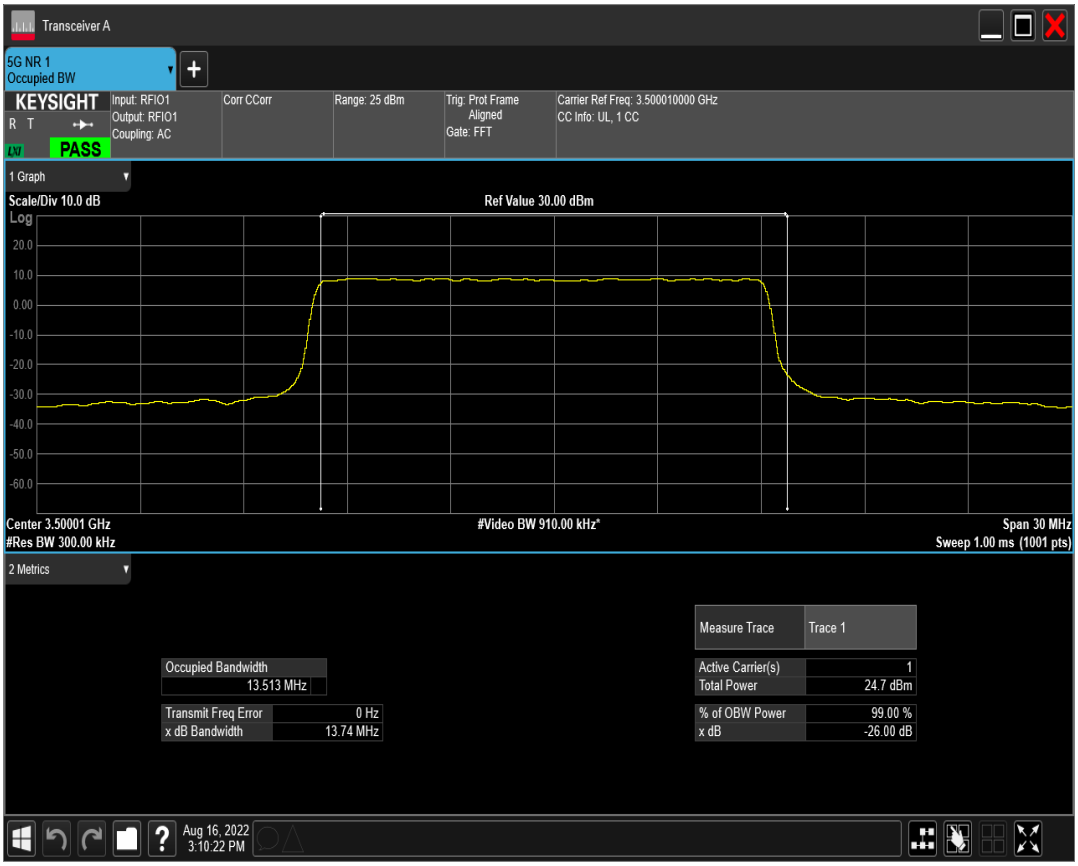
n77(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=630500 RB=38@0



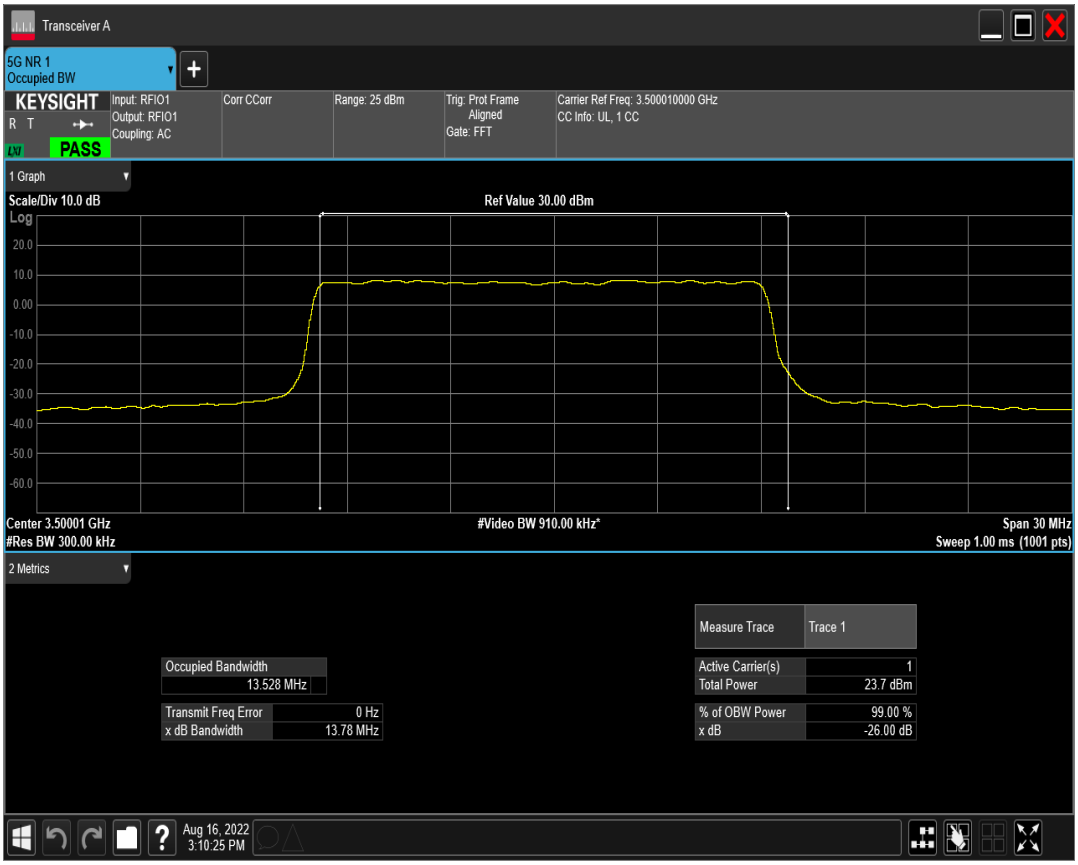
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



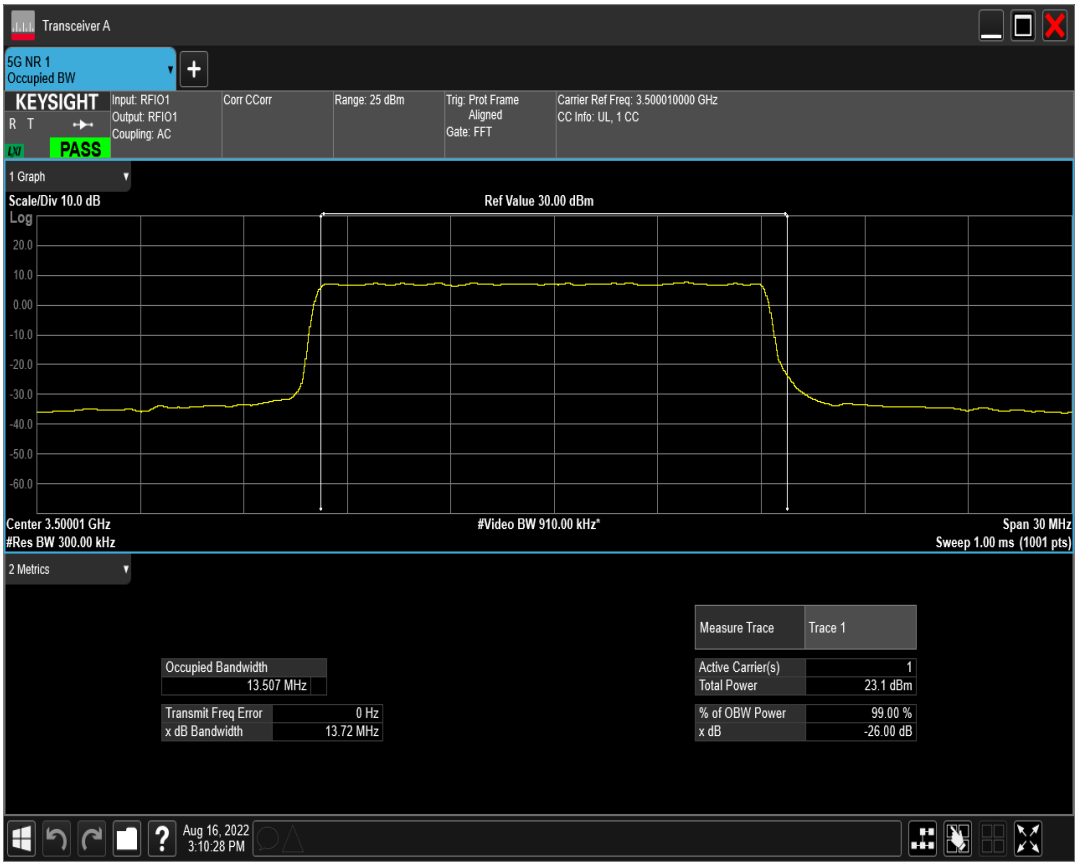
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36@0



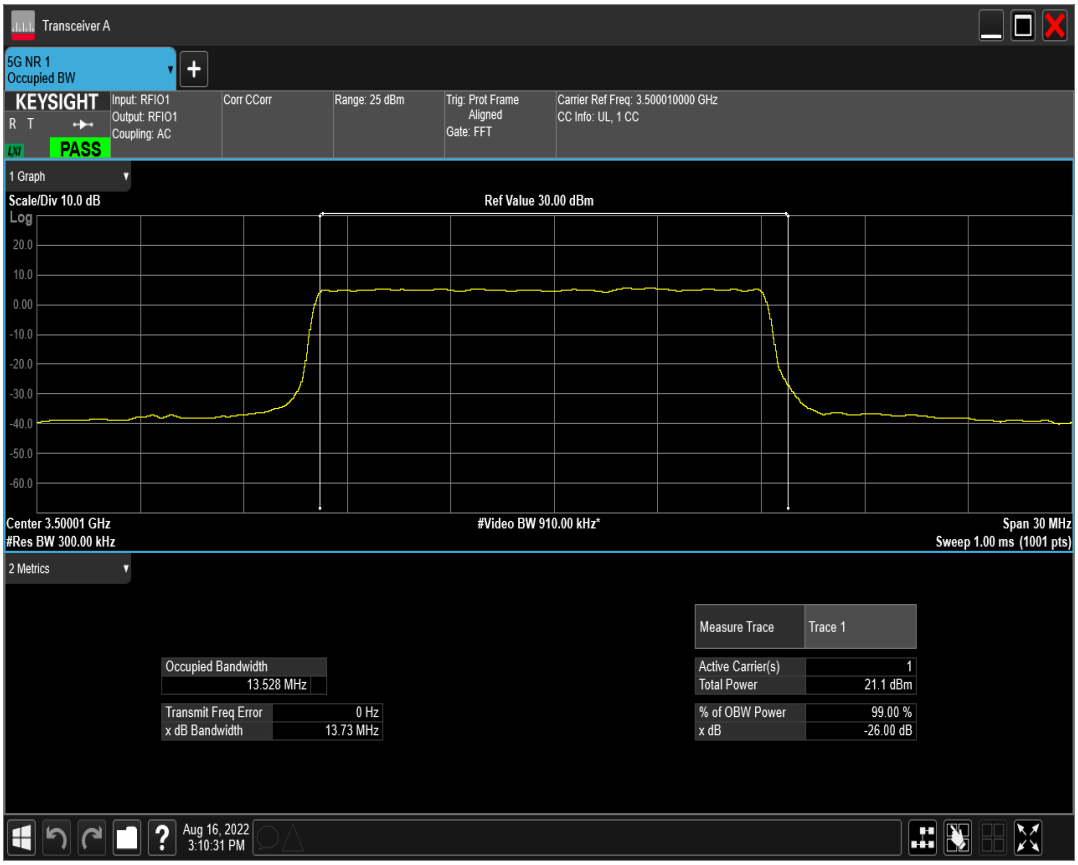
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=633334 RB=36@0



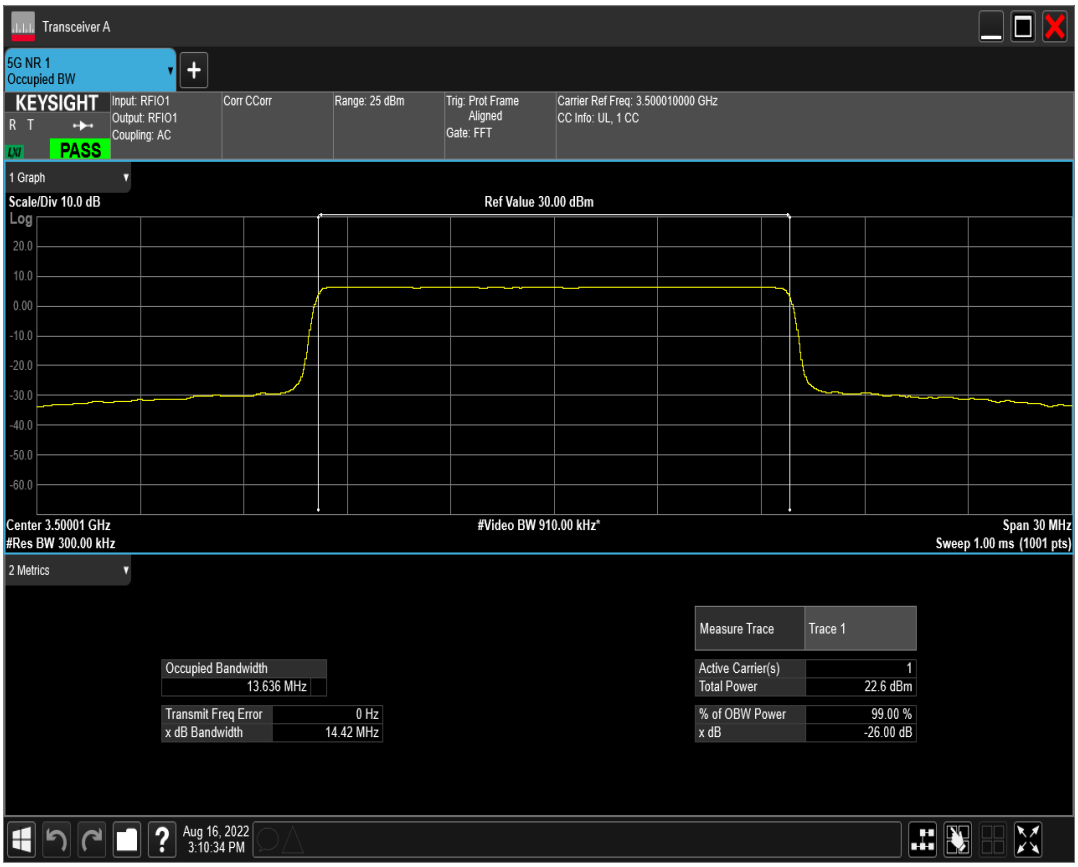
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=633334 RB=36@0



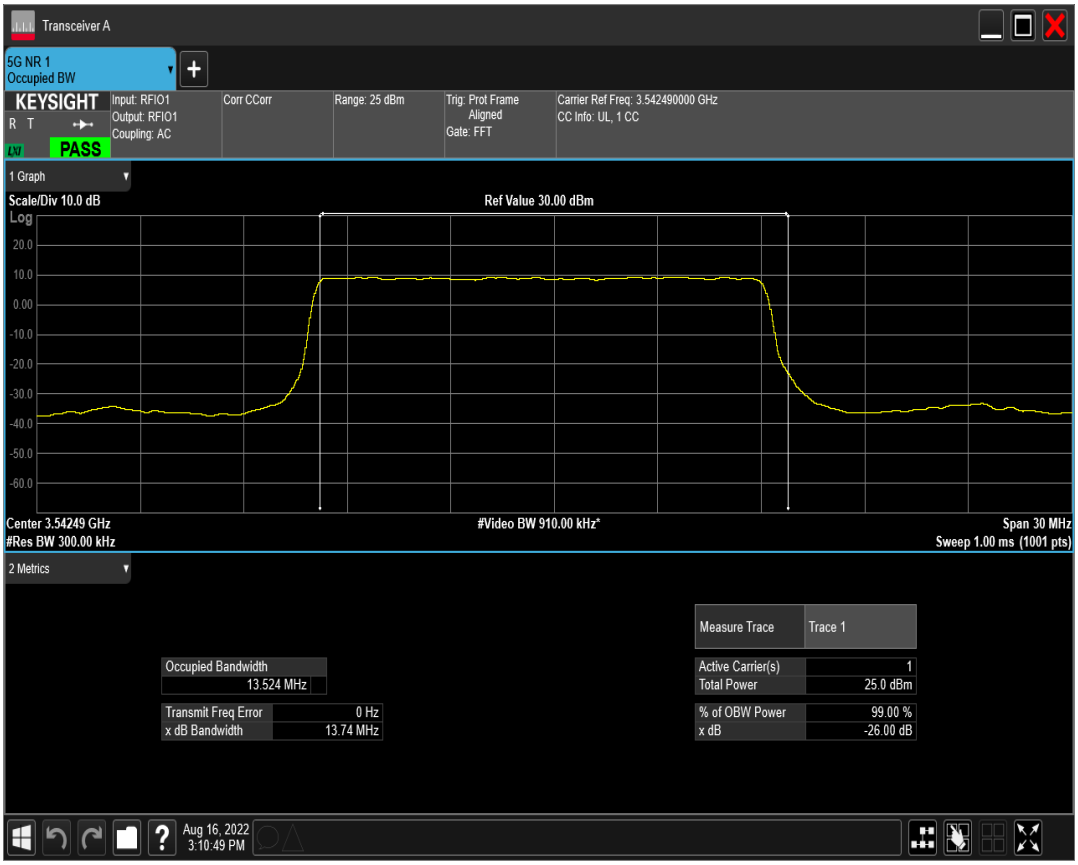
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=633334 RB=36@0



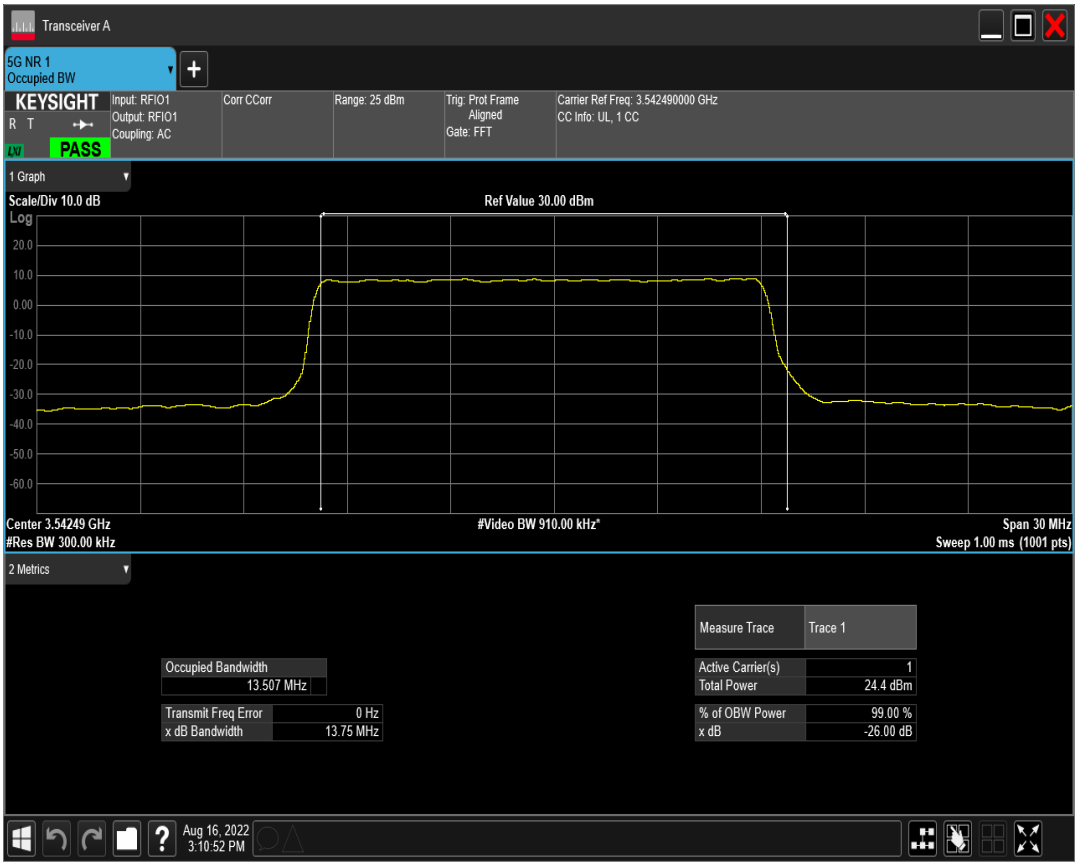
n77(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=633334 RB=38@0



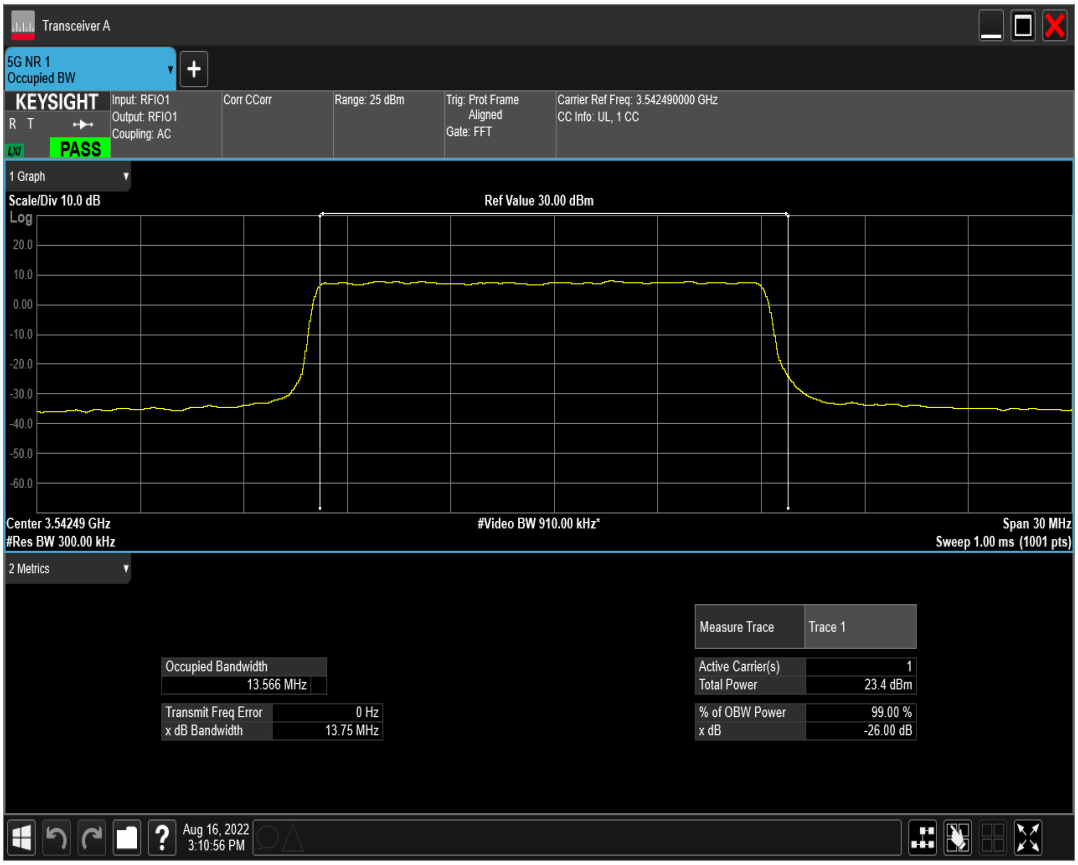
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=636166 RB=36@0



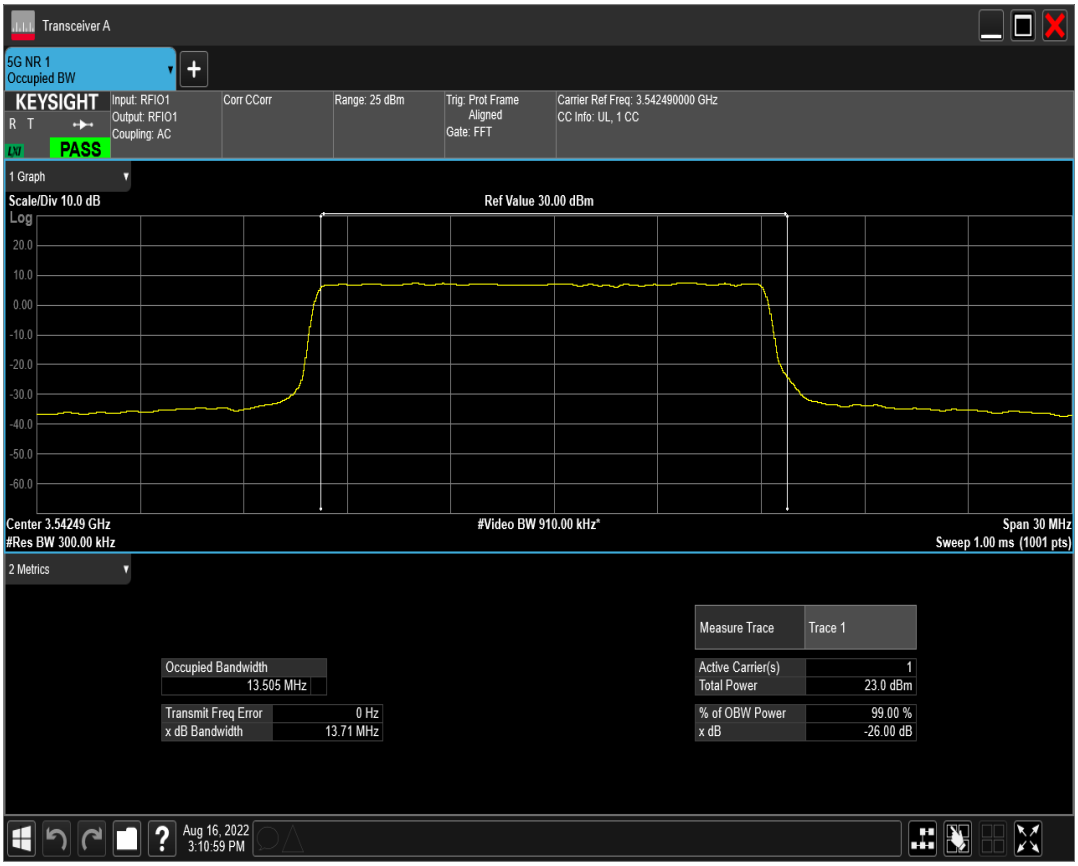
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=636166 RB=36@0



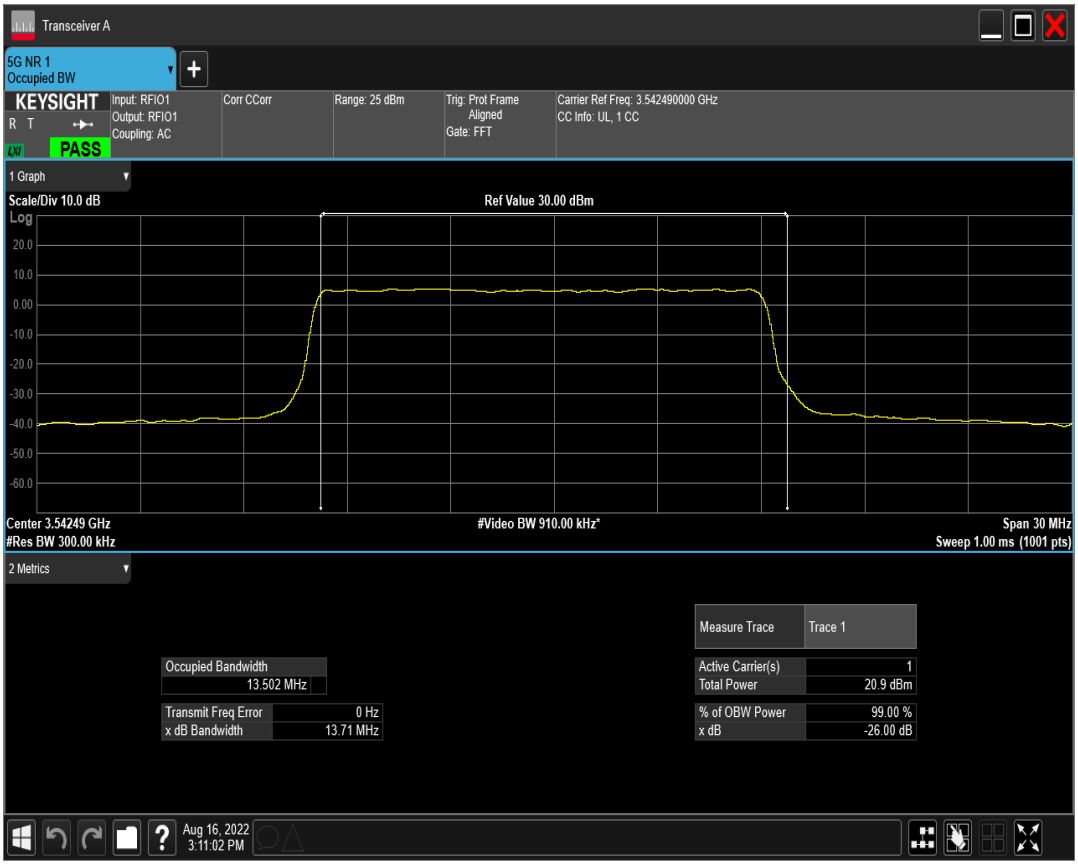
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=636166 RB=36@0



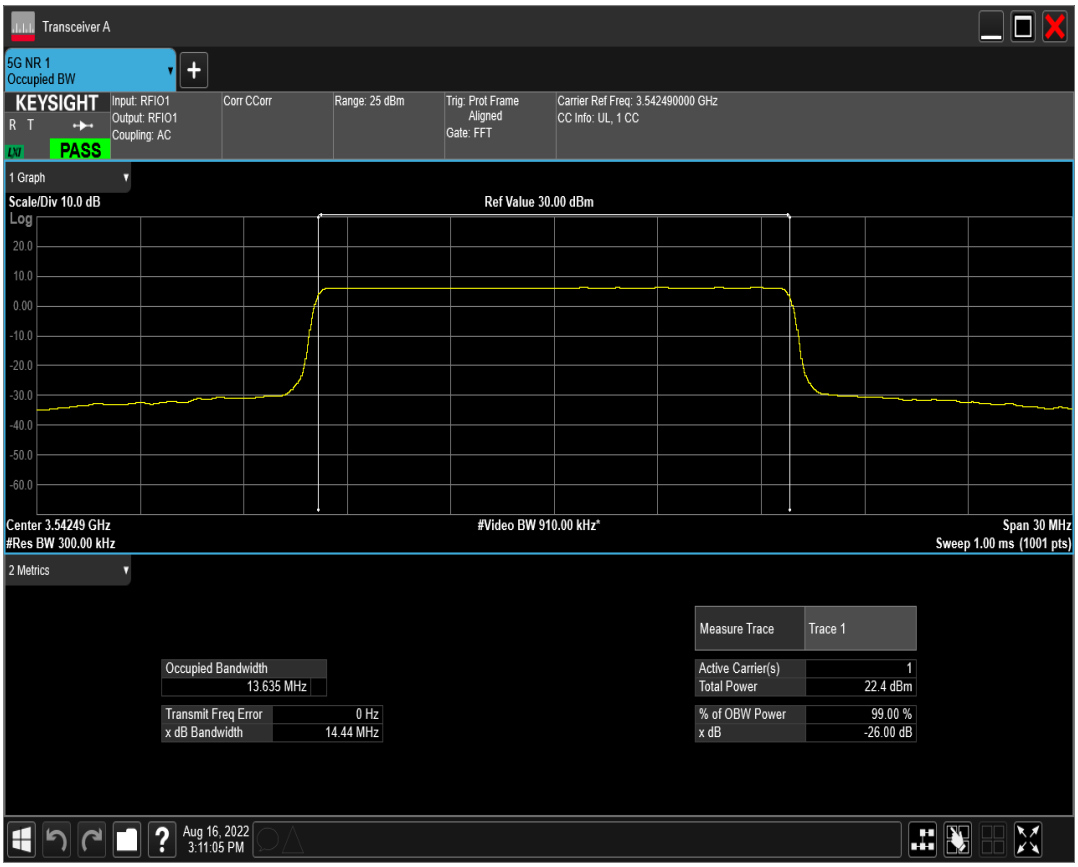
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=636166 RB=36@0



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



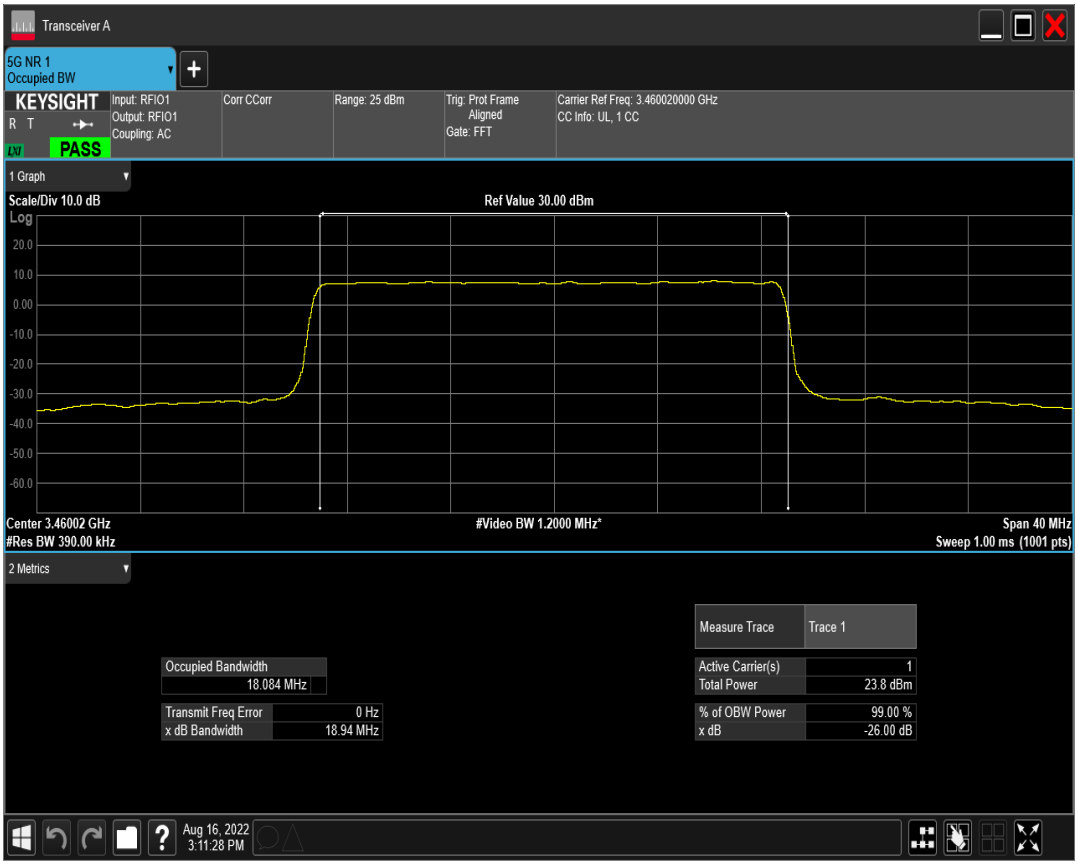
n77(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=636166 RB=38@0



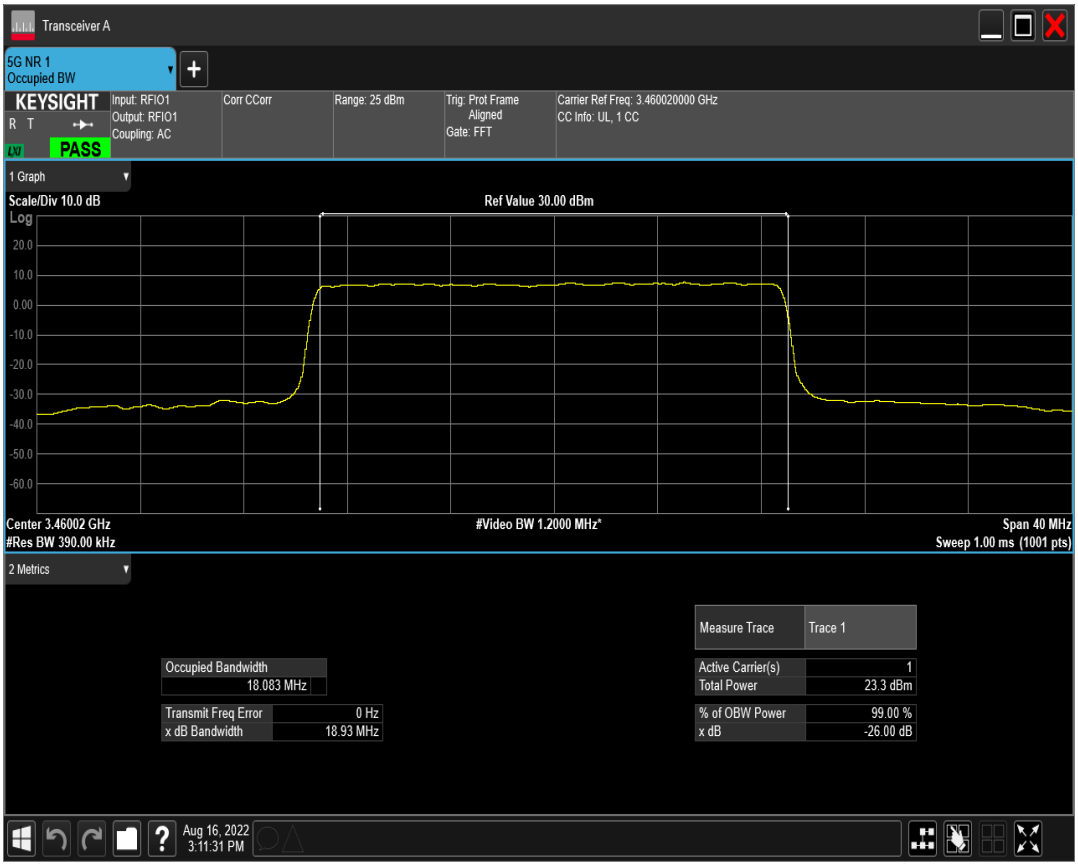
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=630668 RB=50@0

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

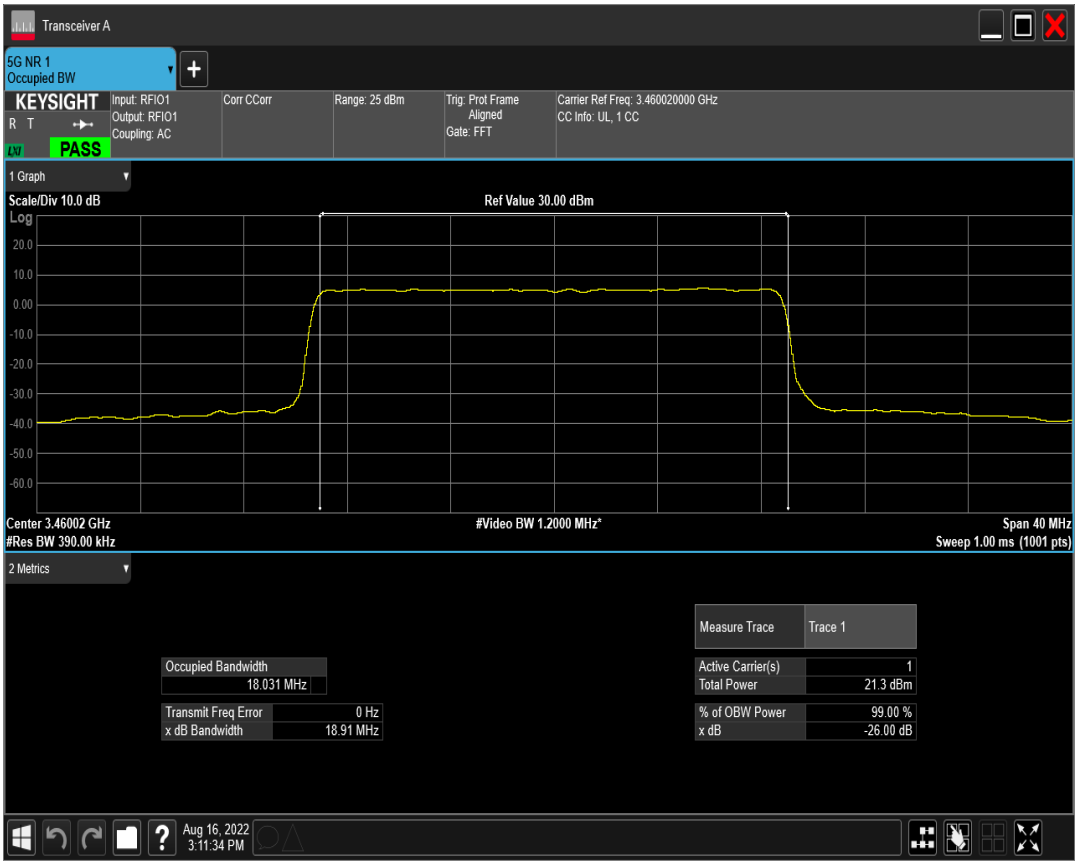
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=630668 RB=50@0



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

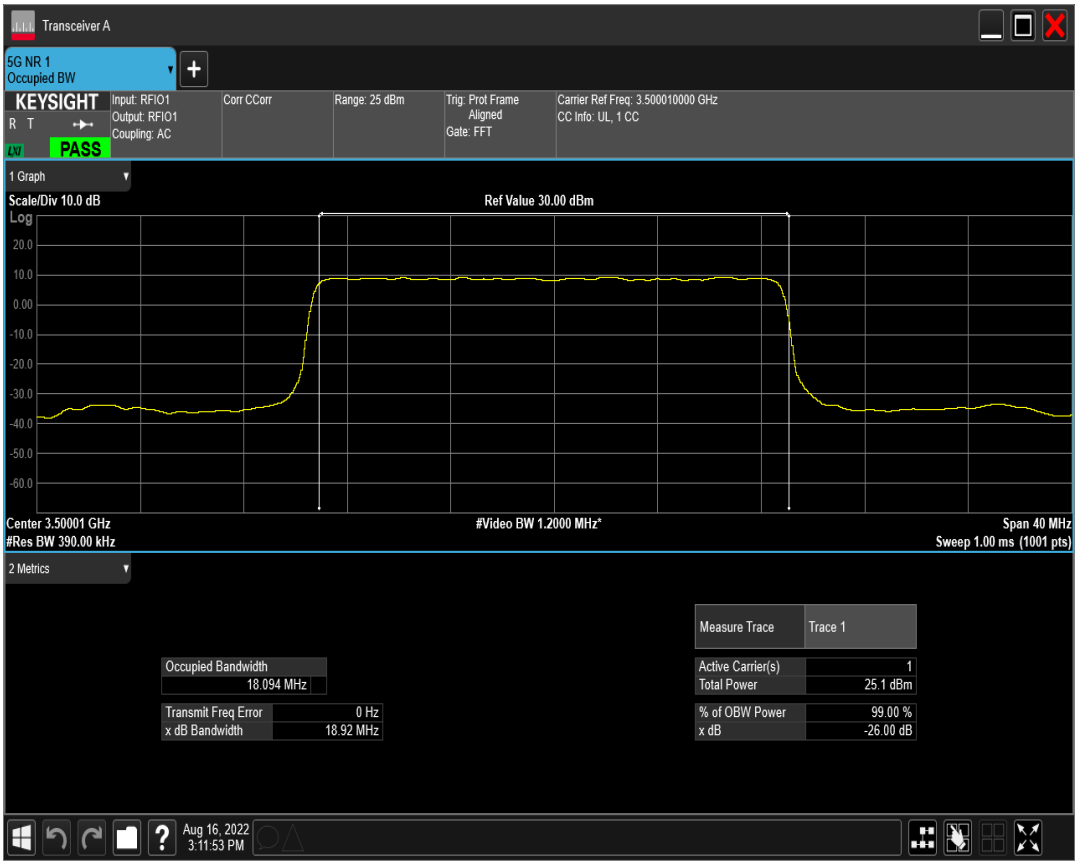


n77(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=630668 RB=50@0



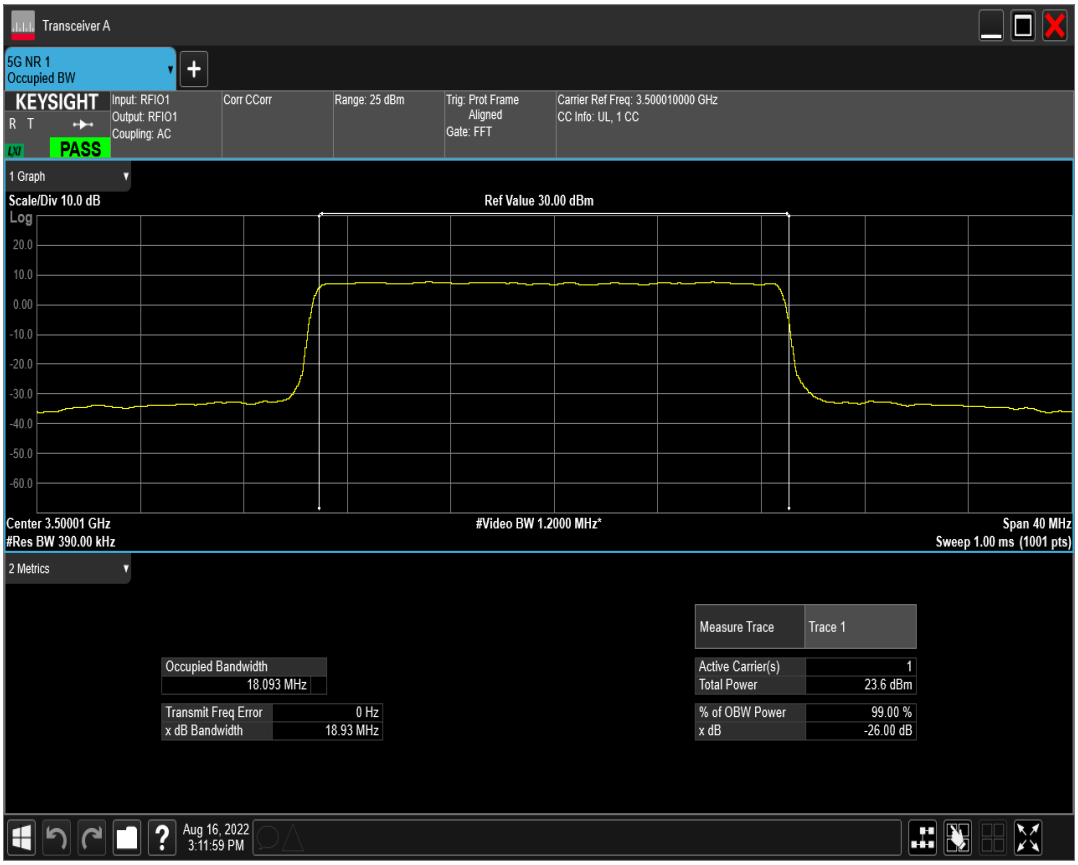
n77(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=630668 RB=51@0

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

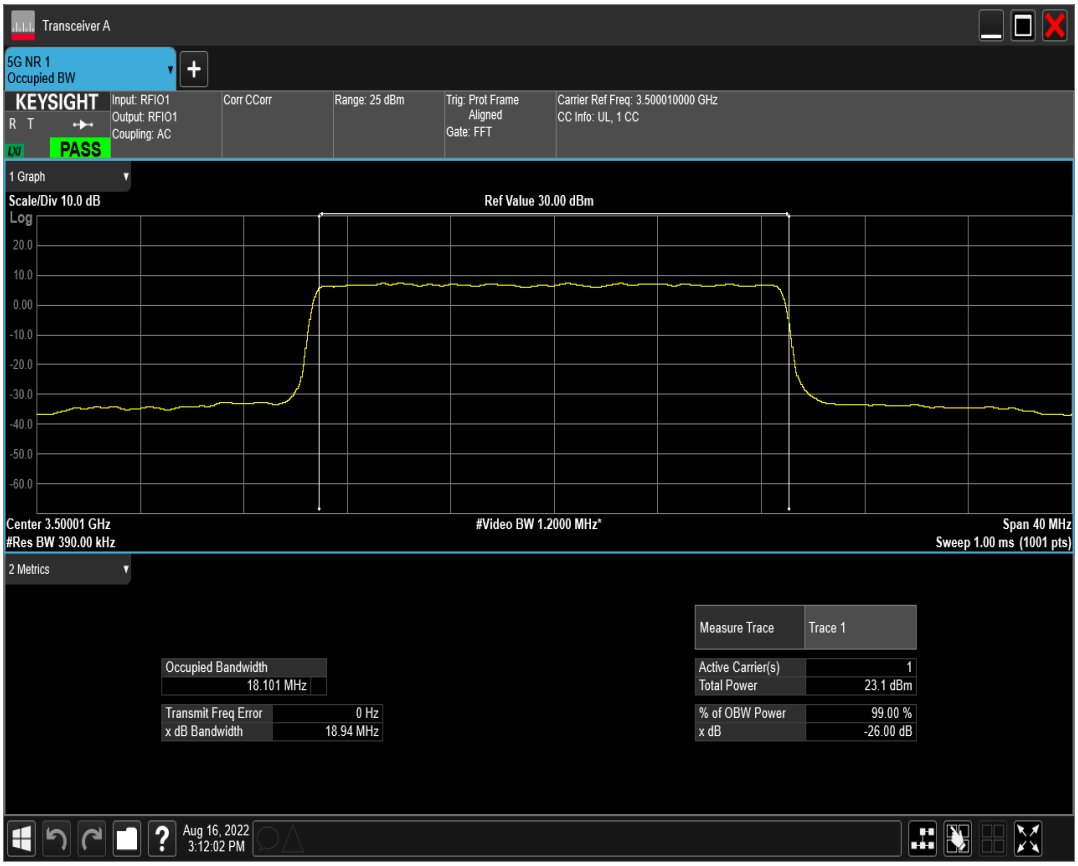


n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=50@0

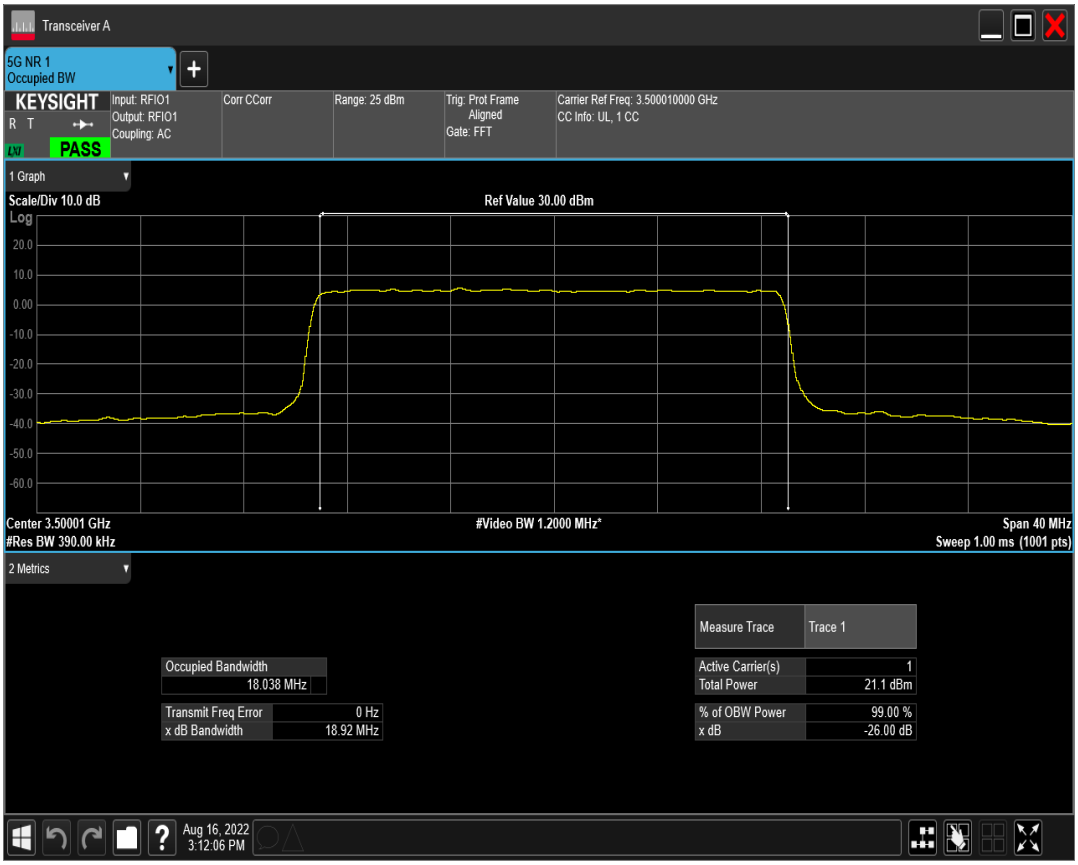
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=633334 RB=50@0



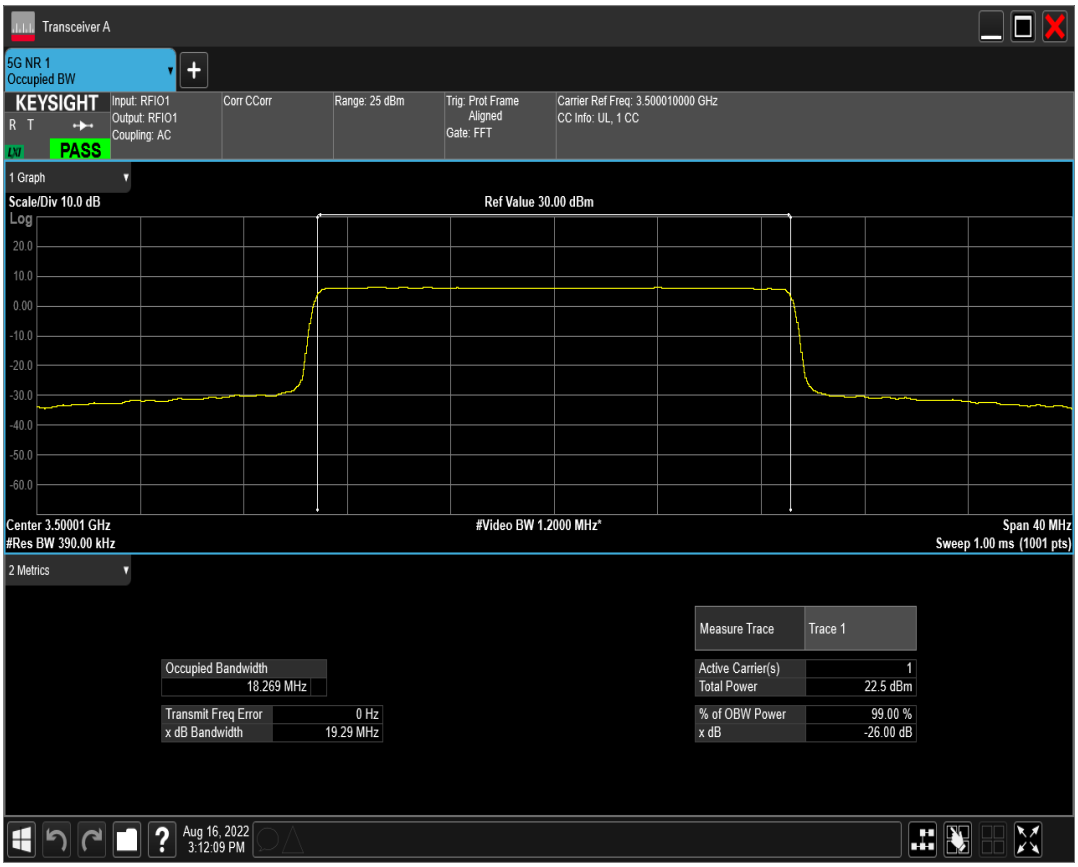
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=20MHz Channel=633334 RB=50@0



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



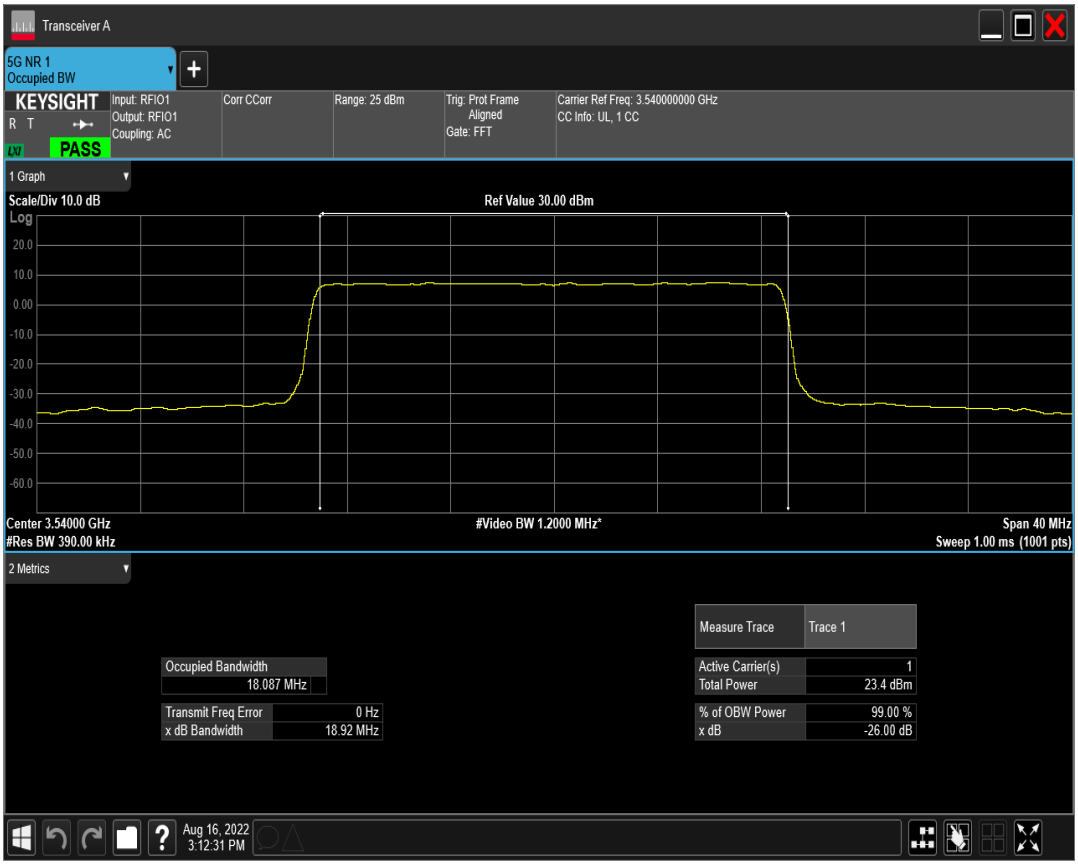
n77(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=633334 RB=51@0



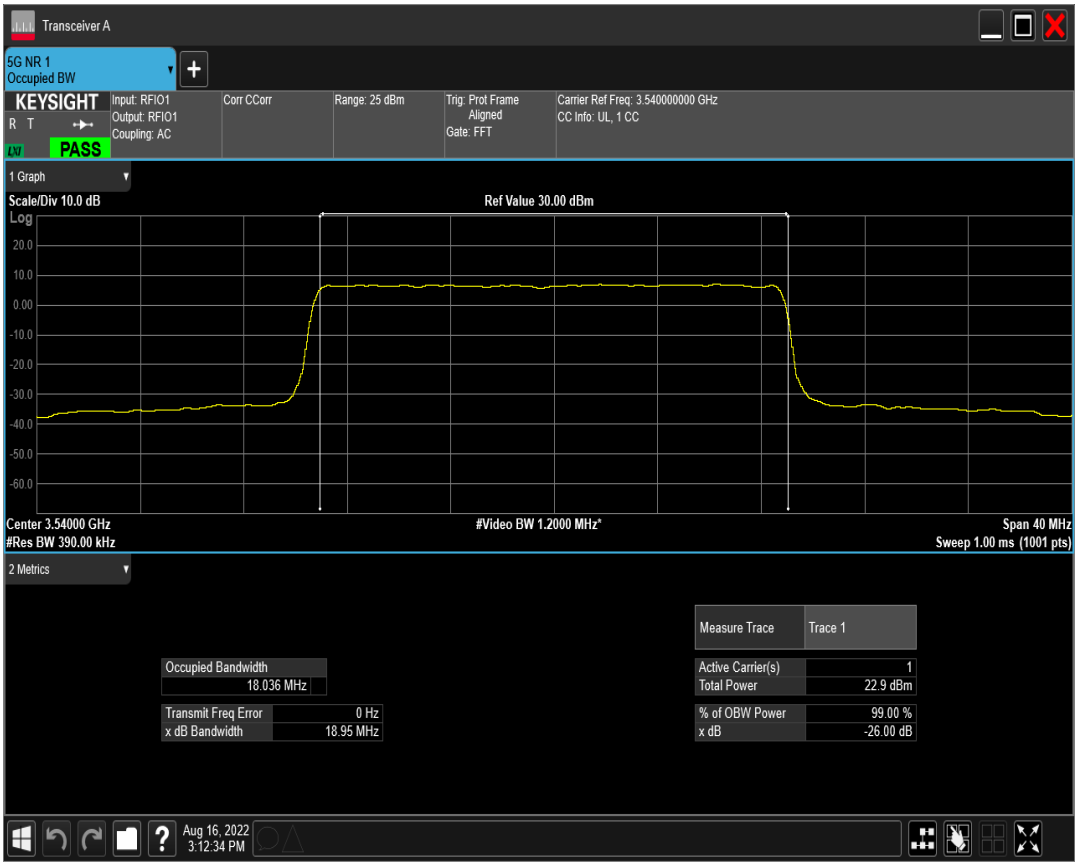
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=636000 RB=50@0

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

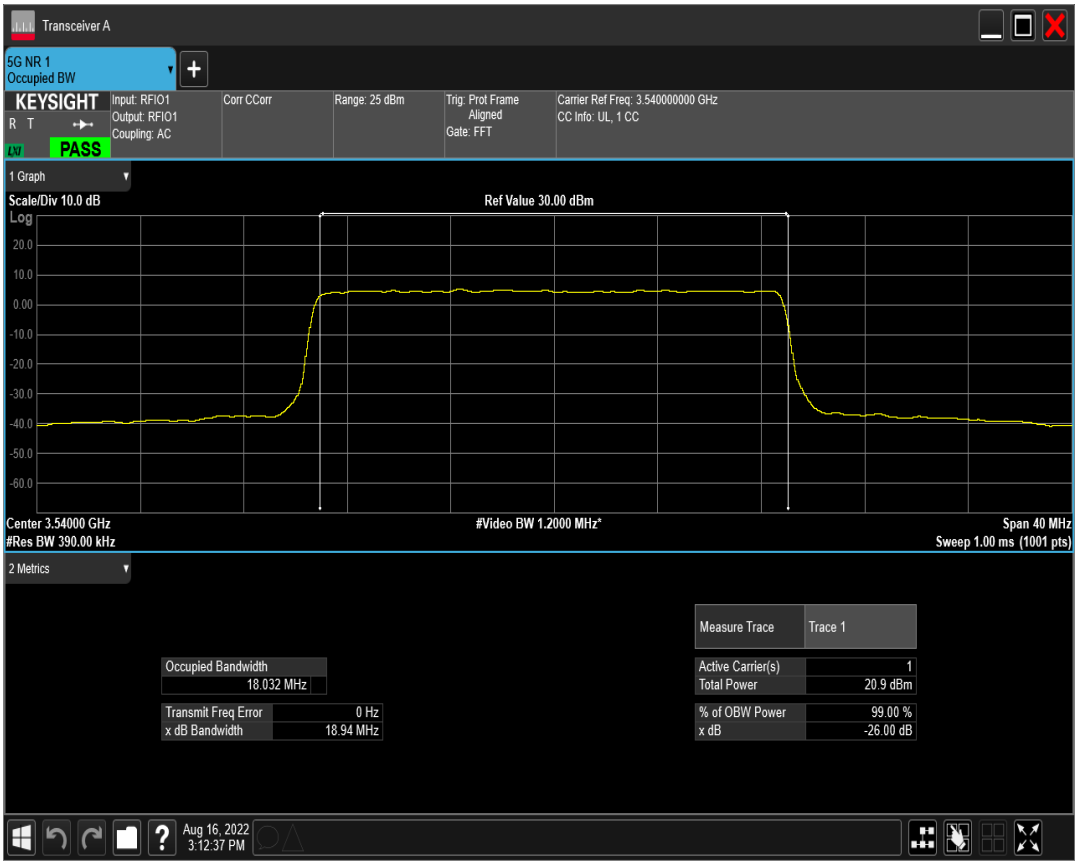
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=636000 RB=50@0



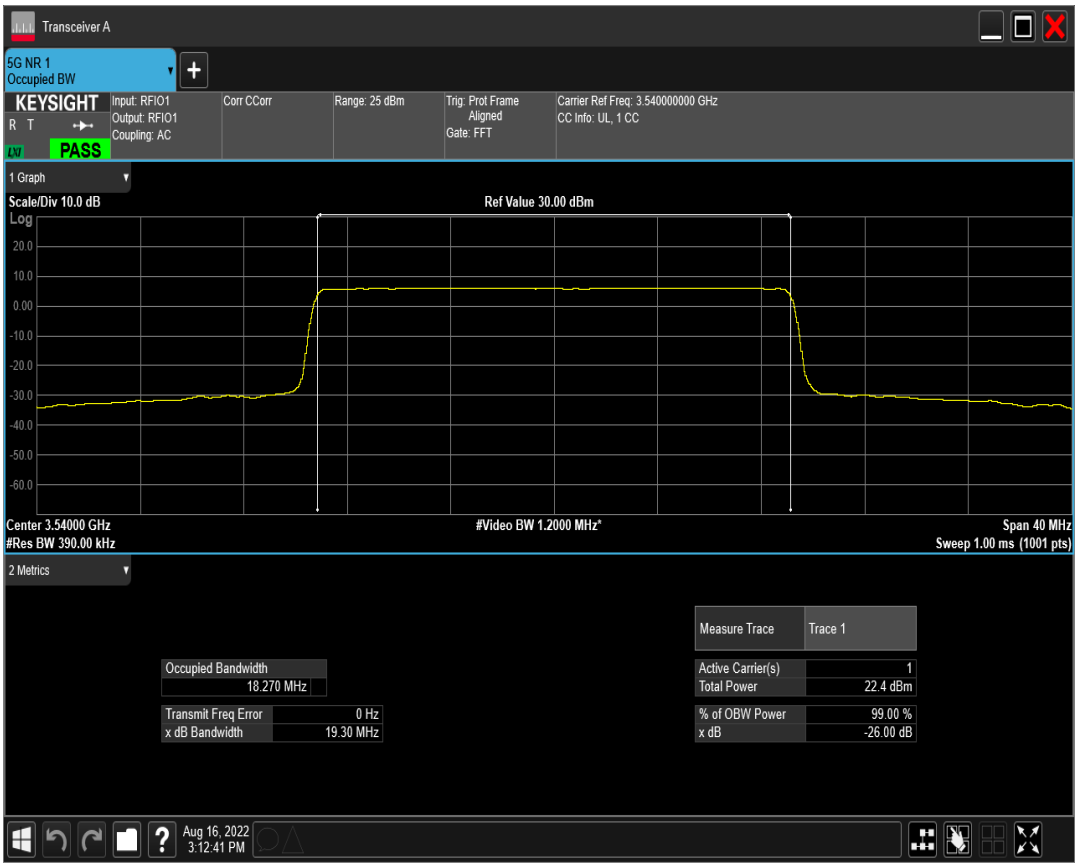
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=20MHz Channel=636000 RB=50@0



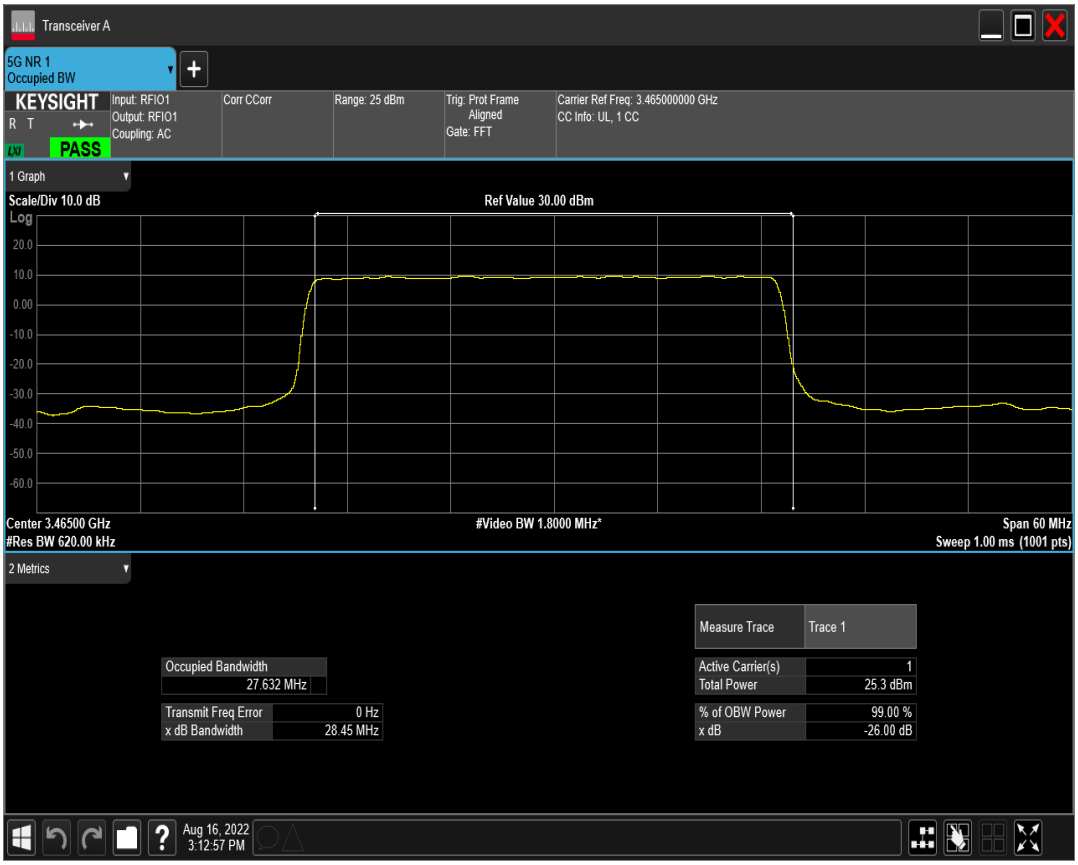
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=636000 RB=50@0



n77(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=636000 RB=51@0



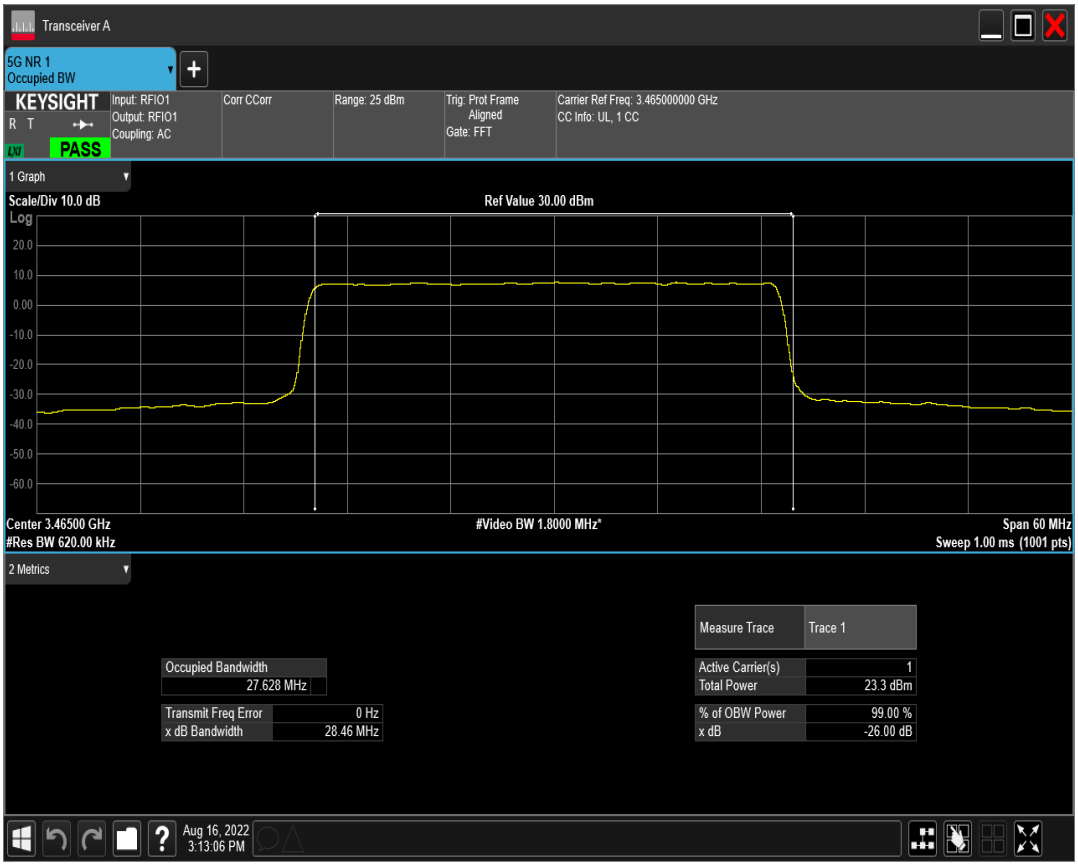
n77(3450-3550) SCS=30kHz DFT_BPSK BW=30MHz Channel=631000 RB=75@0



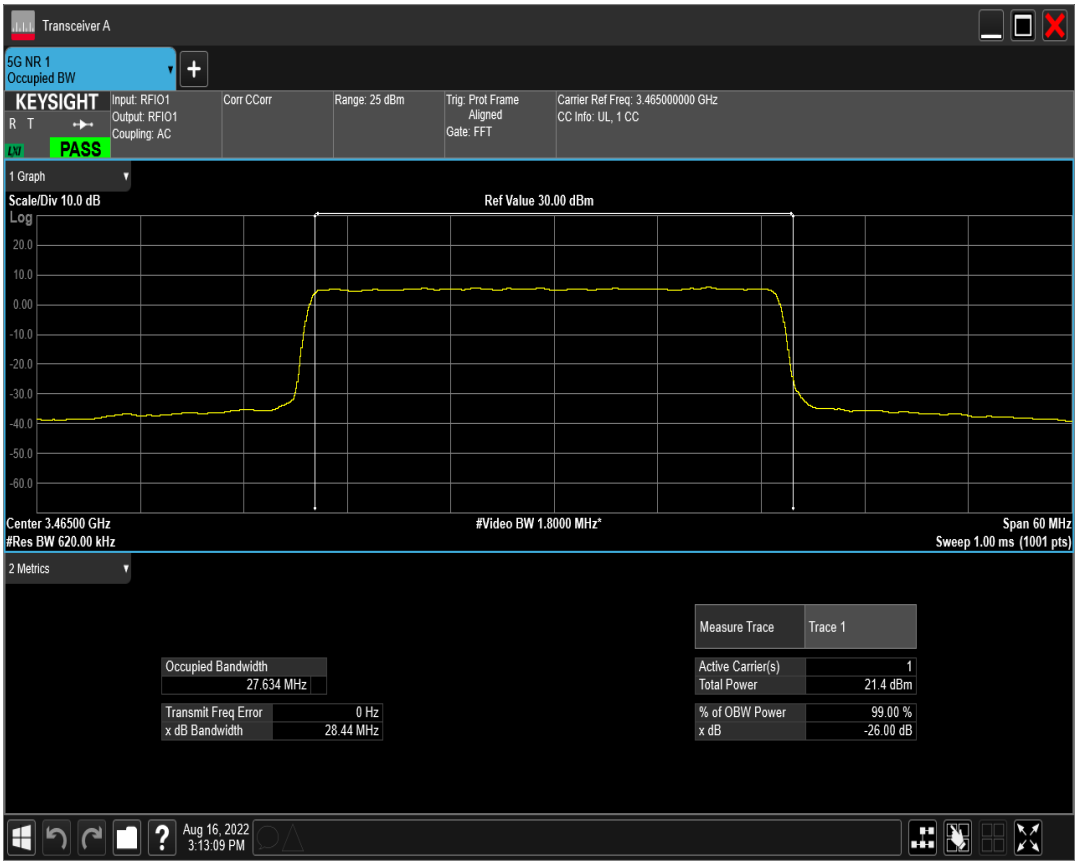
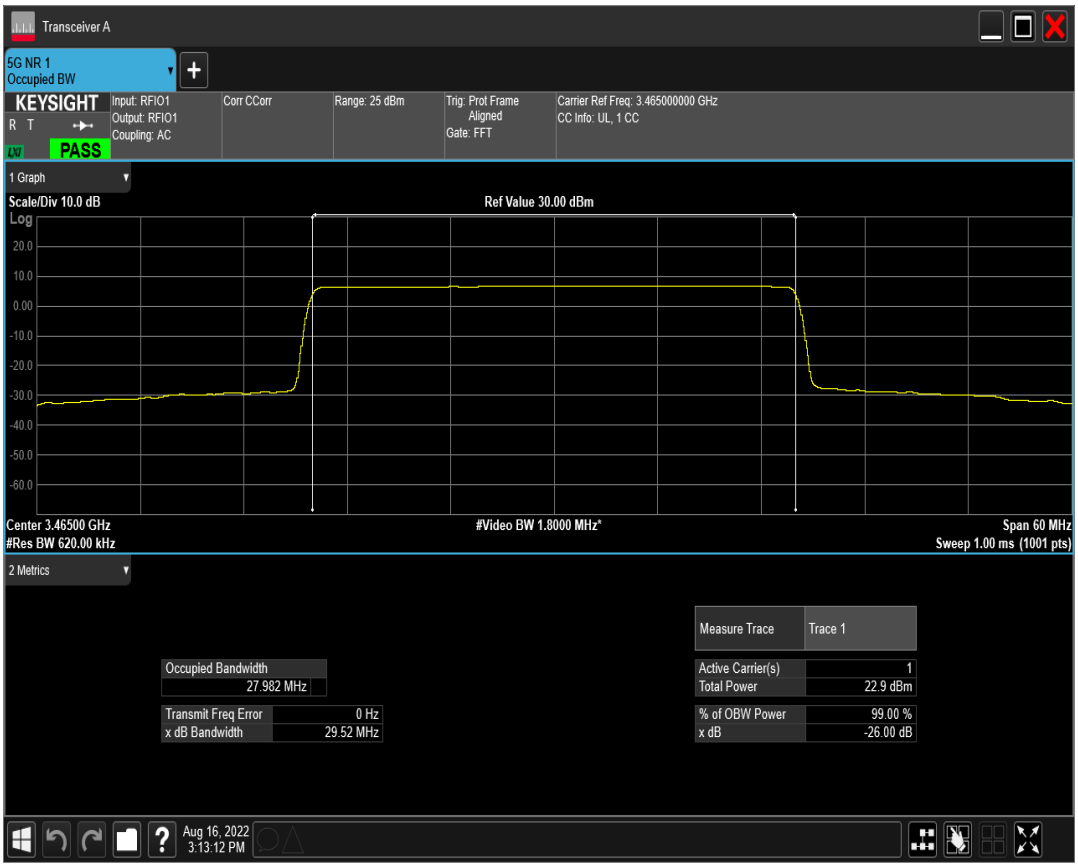
n77(3450-3550) SCS=30kHz DFT_QPSK BW=30MHz Channel=631000 RB=75@0

n77(3450-3550) SCS=30kHz DFT_QAM16 BW=30MHz Channel=631000 RB=75@0

n77(3450-3550) SCS=30kHz DFT_QAM64 BW=30MHz Channel=631000 RB=75@0



n77(3450-3550) SCS=30kHz DFT_QAM256 BW=30MHz Channel=631000 RB=75@0



n77(3450-3550) SCS=30kHz CP_QPSK BW=30MHz Channel=631000 RB=78@0