

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	27.61	27.91	33	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	27.60	27.9	33	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	27.37	27.67	33	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	27.60	27.9	33	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	27.53	27.83	33	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	27.23	27.53	33	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM16	26.85	27.15	33	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM16	27.58	27.88	33	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM16	26.84	27.14	33	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM64	25.34	25.64	33	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM64	25.08	25.38	33	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM64	25.18	25.48	33	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM256	23.42	23.72	33	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM256	23.13	23.43	33	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM256	22.76	23.06	33	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	26.26	26.56	33	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	26.14	26.44	33	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	26.01	26.31	33	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM16	25.68	25.98	33	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM16	25.57	25.87	33	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM16	25.43	25.73	33	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM64	24.11	24.41	33	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM64	24.44	24.74	33	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM64	24.58	24.88	33	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM256	21.29	21.59	33	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM256	21.54	21.84	33	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM256	21.10	21.4	33	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	27.18	27.48	33	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	27.34	27.64	33	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	26.92	27.22	33	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	27.18	27.48	33	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	27.20	27.5	33	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	26.81	27.11	33	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM16	26.35	26.65	33	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM16	26.71	27.01	33	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM16	26.79	27.09	33	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM64	24.89	25.19	33	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM64	25.09	25.39	33	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM64	24.75	25.05	33	PASS

n77(3450-3550)	30	10	633334	12@6	DFT_QAM256	22.97	23.27	33	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM256	23.19	23.49	33	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM256	22.76	23.06	33	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	25.75	26.05	33	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	25.78	26.08	33	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	25.37	25.67	33	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM16	25.43	25.73	33	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM16	25.40	25.7	33	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM16	24.90	25.2	33	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM64	23.73	24.03	33	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM64	24.05	24.35	33	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM64	24.03	24.33	33	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM256	20.87	21.17	33	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM256	21.01	21.31	33	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM256	20.85	21.15	33	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	27.36	27.66	33	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	27.33	27.63	33	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	27.28	27.58	33	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	27.33	27.63	33	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	27.18	27.48	33	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	27.12	27.42	33	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM16	26.58	26.88	33	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM16	27.19	27.49	33	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM16	27.06	27.36	33	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM64	24.98	25.28	33	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM64	25.15	25.45	33	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM64	24.62	24.92	33	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM256	22.82	23.12	33	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM256	23.19	23.49	33	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM256	23.05	23.35	33	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	25.91	26.21	33	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	25.90	26.2	33	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	25.63	25.93	33	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM16	25.45	25.75	33	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM16	25.42	25.72	33	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM16	25.21	25.51	33	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM64	23.91	24.21	33	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM64	24.31	24.61	33	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM64	23.92	24.22	33	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM256	21.03	21.33	33	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM256	20.98	21.28	33	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM256	21.03	21.33	33	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	27.61	27.91	33	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	27.53	27.83	33	PASS

n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	27.13	27.43	33	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	27.59	27.89	33	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	27.47	27.77	33	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	27.03	27.33	33	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM16	26.66	26.96	33	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM16	27.55	27.85	33	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM16	26.67	26.97	33	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM64	25.23	25.53	33	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM64	25.14	25.44	33	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM64	24.95	25.25	33	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM256	23.30	23.6	33	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM256	23.47	23.77	33	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM256	22.55	22.85	33	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	26.08	26.38	33	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	26.25	26.55	33	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	25.71	26.01	33	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM16	25.74	26.04	33	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM16	25.61	25.91	33	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM16	25.13	25.43	33	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM64	24.25	24.55	33	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM64	24.45	24.75	33	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM64	24.40	24.7	33	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM256	21.26	21.56	33	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM256	21.32	21.62	33	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM256	21.08	21.38	33	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	27.24	27.54	33	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	27.46	27.76	33	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	26.83	27.13	33	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	27.28	27.58	33	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	27.44	27.74	33	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	26.87	27.17	33	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM16	26.31	26.61	33	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM16	26.93	27.23	33	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM16	26.36	26.66	33	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM64	24.81	25.11	33	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM64	25.26	25.56	33	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM64	24.66	24.96	33	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM256	22.82	23.12	33	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM256	23.28	23.58	33	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM256	22.42	22.72	33	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	25.84	26.14	33	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	25.78	26.08	33	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	25.32	25.62	33	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM16	25.32	25.62	33	PASS

n77(3450-3550)	30	15	633334	1@1	CP_QAM16	25.45	25.75	33	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM16	24.93	25.23	33	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM64	23.74	24.04	33	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM64	24.11	24.41	33	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM64	23.52	23.82	33	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM256	20.85	21.15	33	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM256	21.08	21.38	33	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM256	20.57	20.87	33	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	27.39	27.69	33	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	27.46	27.76	33	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	27.27	27.57	33	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	27.48	27.78	33	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	27.60	27.9	33	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	27.24	27.54	33	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM16	26.45	26.75	33	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM16	26.93	27.23	33	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM16	26.64	26.94	33	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM64	25.00	25.3	33	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM64	25.23	25.53	33	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM64	25.05	25.35	33	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM256	23.04	23.34	33	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM256	23.02	23.32	33	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM256	22.97	23.27	33	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	25.98	26.28	33	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	25.83	26.13	33	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	25.59	25.89	33	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM16	25.56	25.86	33	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM16	25.40	25.7	33	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM16	25.22	25.52	33	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM64	23.95	24.25	33	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM64	24.16	24.46	33	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM64	24.12	24.42	33	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM256	21.08	21.38	33	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM256	21.17	21.47	33	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM256	20.85	21.15	33	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	27.48	27.78	33	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	27.65	27.95	33	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	27.08	27.38	33	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	27.51	27.81	33	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	27.69	27.99	33	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	27.20	27.5	33	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM16	26.69	26.99	33	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM16	27.38	27.68	33	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM16	26.85	27.15	33	PASS

n77(3450-3550)	30	20	630668	25@12	DFT_QAM64	25.09	25.39	33	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM64	25.50	25.8	33	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM64	25.03	25.33	33	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM256	23.16	23.46	33	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM256	23.27	23.57	33	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM256	22.78	23.08	33	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	26.11	26.41	33	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	26.10	26.4	33	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	25.54	25.84	33	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM16	25.54	25.84	33	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM16	25.60	25.9	33	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM16	25.02	25.32	33	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM64	24.17	24.47	33	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM64	24.30	24.6	33	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM64	23.79	24.09	33	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM256	21.24	21.54	33	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM256	21.31	21.61	33	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM256	20.77	21.07	33	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	27.30	27.6	33	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	27.40	27.7	33	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	26.79	27.09	33	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	27.27	27.57	33	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	27.37	27.67	33	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	26.69	26.99	33	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM16	26.39	26.69	33	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM16	26.96	27.26	33	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM16	26.43	26.73	33	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM64	24.82	25.12	33	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM64	25.30	25.6	33	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM64	24.62	24.92	33	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM256	22.88	23.18	33	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM256	23.13	23.43	33	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM256	22.38	22.68	33	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	25.89	26.19	33	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	25.92	26.22	33	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	25.15	25.45	33	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM16	25.22	25.52	33	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM16	25.50	25.8	33	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM16	24.82	25.12	33	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM64	23.83	24.13	33	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM64	24.14	24.44	33	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM64	23.44	23.74	33	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM256	20.95	21.25	33	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM256	21.22	21.52	33	PASS

n77(3450-3550)	30	20	633334	1@49	CP_QAM256	20.52	20.82	33	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	27.55	27.85	33	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	27.49	27.79	33	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	27.28	27.58	33	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	27.49	27.79	33	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	27.44	27.74	33	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	27.16	27.46	33	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM16	26.57	26.87	33	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM16	27.27	27.57	33	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM16	26.87	27.17	33	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM64	25.08	25.38	33	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM64	25.39	25.69	33	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM64	25.03	25.33	33	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM256	23.20	23.5	33	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM256	23.15	23.45	33	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM256	22.77	23.07	33	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	26.10	26.4	33	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	25.94	26.24	33	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	25.56	25.86	33	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM16	25.54	25.84	33	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM16	25.56	25.86	33	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM16	25.22	25.52	33	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM64	24.13	24.43	33	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM64	24.51	24.81	33	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM64	23.88	24.18	33	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM256	21.16	21.46	33	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM256	21.22	21.52	33	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM256	20.91	21.21	33	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_BPSK	27.33	27.63	33	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_BPSK	27.45	27.75	33	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_BPSK	27.31	27.61	33	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QPSK	27.39	27.69	33	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QPSK	27.43	27.73	33	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QPSK	27.23	27.53	33	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM16	26.46	26.76	33	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM16	27.05	27.35	33	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM16	27.02	27.32	33	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM64	24.98	25.28	33	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM64	25.47	25.77	33	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM64	25.19	25.49	33	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM256	23.00	23.3	33	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM256	23.19	23.49	33	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM256	22.99	23.29	33	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QPSK	25.90	26.2	33	PASS

n77(3450-3550)	30	30	631000	1@1	CP_QPSK	26.03	26.33	33	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QPSK	25.71	26.01	33	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM16	25.41	25.71	33	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM16	25.55	25.85	33	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM16	25.40	25.7	33	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM64	23.89	24.19	33	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM64	24.54	24.84	33	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM64	24.31	24.61	33	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM256	20.98	21.28	33	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM256	21.35	21.65	33	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM256	21.11	21.41	33	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_BPSK	27.26	27.56	33	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_BPSK	27.53	27.83	33	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_BPSK	26.81	27.11	33	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QPSK	27.28	27.58	33	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QPSK	27.60	27.9	33	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QPSK	26.89	27.19	33	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM16	26.30	26.6	33	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM16	26.99	27.29	33	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM16	26.35	26.65	33	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM64	24.87	25.17	33	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM64	25.30	25.6	33	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM64	24.57	24.87	33	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM256	22.85	23.15	33	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM256	23.36	23.66	33	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM256	22.40	22.7	33	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QPSK	25.68	25.98	33	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QPSK	26.10	26.4	33	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QPSK	25.46	25.76	33	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM16	25.24	25.54	33	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM16	25.50	25.8	33	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM16	24.69	24.99	33	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM64	23.78	24.08	33	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM64	24.58	24.88	33	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM64	23.79	24.09	33	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM256	20.83	21.13	33	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM256	21.41	21.71	33	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM256	20.80	21.1	33	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_BPSK	27.52	27.82	33	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_BPSK	27.24	27.54	33	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_BPSK	27.18	27.48	33	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QPSK	27.54	27.84	33	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QPSK	27.35	27.65	33	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QPSK	27.16	27.46	33	PASS

n77(3450-3550)	30	30	635666	36@18	DFT_QAM16	26.59	26.89	33	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM16	26.72	27.02	33	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM16	26.82	27.12	33	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM64	25.19	25.49	33	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM64	25.07	25.37	33	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM64	24.97	25.27	33	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM256	23.05	23.35	33	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM256	22.80	23.1	33	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM256	22.98	23.28	33	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QPSK	26.00	26.3	33	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QPSK	25.73	26.03	33	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QPSK	25.63	25.93	33	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM16	25.54	25.84	33	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM16	25.18	25.48	33	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM16	25.22	25.52	33	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM64	24.09	24.39	33	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM64	24.36	24.66	33	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM64	24.08	24.38	33	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM256	21.11	21.41	33	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM256	20.86	21.16	33	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM256	20.83	21.13	33	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	27.35	27.65	33	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	27.55	27.85	33	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	27.46	27.76	33	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	27.34	27.64	33	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	27.70	28	33	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	27.61	27.91	33	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM16	26.44	26.74	33	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM16	27.35	27.65	33	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM16	27.00	27.3	33	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM64	24.96	25.26	33	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM64	25.44	25.74	33	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM64	25.29	25.59	33	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM256	23.01	23.31	33	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM256	23.20	23.5	33	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM256	23.16	23.46	33	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	25.88	26.18	33	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	26.24	26.54	33	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	26.14	26.44	33	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM16	25.33	25.63	33	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM16	25.66	25.96	33	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM16	25.47	25.77	33	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM64	23.86	24.16	33	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM64	24.63	24.93	33	PASS

n77(3450-3550)	30	40	631334	1@104	CP_QAM64	24.64	24.94	33	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM256	20.98	21.28	33	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM256	21.58	21.88	33	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM256	21.52	21.82	33	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	27.25	27.55	33	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	27.34	27.64	33	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	26.98	27.28	33	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	27.29	27.59	33	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	27.38	27.68	33	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	26.95	27.25	33	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM16	26.27	26.57	33	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM16	27.15	27.45	33	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM16	26.78	27.08	33	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM64	24.82	25.12	33	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM64	25.36	25.66	33	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM64	24.80	25.1	33	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM256	22.86	23.16	33	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM256	22.95	23.25	33	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM256	22.97	23.27	33	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	25.77	26.07	33	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	25.97	26.27	33	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	25.62	25.92	33	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM16	25.20	25.5	33	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM16	25.51	25.81	33	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM16	25.15	25.45	33	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM64	23.76	24.06	33	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM64	24.13	24.43	33	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM64	24.01	24.31	33	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM256	20.88	21.18	33	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM256	21.42	21.72	33	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM256	20.92	21.22	33	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	27.50	27.8	33	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	26.69	26.99	33	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	27.11	27.41	33	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	27.51	27.81	33	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	26.68	26.98	33	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	27.13	27.43	33	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM16	26.54	26.84	33	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM16	26.49	26.79	33	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM16	26.61	26.91	33	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM64	25.09	25.39	33	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM64	24.67	24.97	33	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM64	25.00	25.3	33	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM256	23.07	23.37	33	PASS

n77(3450-3550)	30	40	635332	1@1	DFT_QAM256	22.63	22.93	33	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM256	23.12	23.42	33	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	26.00	26.3	33	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	25.21	25.51	33	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	25.62	25.92	33	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM16	25.44	25.74	33	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM16	24.77	25.07	33	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM16	25.33	25.63	33	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM64	23.98	24.28	33	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM64	23.55	23.85	33	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM64	23.93	24.23	33	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM256	21.05	21.35	33	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM256	20.78	21.08	33	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM256	21.08	21.38	33	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	27.39	27.69	33	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	27.54	27.84	33	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	27.07	27.37	33	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	27.44	27.74	33	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	27.43	27.73	33	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	27.07	27.37	33	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM16	26.53	26.83	33	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM16	27.23	27.53	33	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM16	26.59	26.89	33	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM64	25.03	25.33	33	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM64	25.43	25.73	33	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM64	25.00	25.3	33	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM256	23.06	23.36	33	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM256	23.02	23.32	33	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM256	23.01	23.31	33	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	25.99	26.29	33	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	26.12	26.42	33	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	25.62	25.92	33	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM16	25.57	25.87	33	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM16	25.54	25.84	33	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM16	25.10	25.4	33	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM64	23.99	24.29	33	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM64	24.68	24.98	33	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM64	24.26	24.56	33	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM256	21.02	21.32	33	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM256	21.26	21.56	33	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM256	21.01	21.31	33	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	27.30	27.6	33	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	27.15	27.45	33	PASS

n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	27.27	27.57	33	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	27.28	27.58	33	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	27.14	27.44	33	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	27.21	27.51	33	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM16	26.44	26.74	33	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM16	26.65	26.95	33	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM16	26.64	26.94	33	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM64	24.85	25.15	33	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM64	25.06	25.36	33	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM64	24.79	25.09	33	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM256	22.88	23.18	33	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM256	22.68	22.98	33	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM256	22.80	23.1	33	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	25.88	26.18	33	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	25.88	26.18	33	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	25.76	26.06	33	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM16	25.35	25.65	33	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM16	25.32	25.62	33	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM16	25.26	25.56	33	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM64	23.80	24.1	33	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM64	24.39	24.69	33	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM64	24.09	24.39	33	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM256	20.87	21.17	33	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM256	20.99	21.29	33	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM256	21.24	21.54	33	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	27.44	27.74	33	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	26.91	27.21	33	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	27.26	27.56	33	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	27.39	27.69	33	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	26.86	27.16	33	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	27.09	27.39	33	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM16	26.54	26.84	33	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM16	26.85	27.15	33	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM16	26.47	26.77	33	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM64	24.97	25.27	33	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM64	24.43	24.73	33	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM64	25.01	25.31	33	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM256	23.03	23.33	33	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM256	22.84	23.14	33	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM256	22.95	23.25	33	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	26.02	26.32	33	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	25.45	25.75	33	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	25.73	26.03	33	PASS

n77(3450-3550)	30	50	635000	67@33	CP_QAM16	25.50	25.8	33	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM16	25.03	25.33	33	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM16	25.21	25.51	33	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM64	24.00	24.3	33	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM64	23.97	24.27	33	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM64	24.09	24.39	33	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM256	21.11	21.41	33	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM256	20.90	21.2	33	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM256	20.69	20.99	33	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	27.50	27.8	33	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	27.40	27.7	33	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	26.62	26.92	33	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	27.55	27.85	33	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	27.33	27.63	33	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	26.53	26.83	33	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM16	26.53	26.83	33	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM16	27.38	27.68	33	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM16	26.50	26.8	33	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM64	25.04	25.34	33	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM64	25.33	25.63	33	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM64	24.09	24.39	33	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM256	23.05	23.35	33	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM256	23.31	23.61	33	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM256	22.12	22.42	33	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	26.11	26.41	33	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	26.13	26.43	33	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	25.22	25.52	33	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM16	25.50	25.8	33	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM16	25.42	25.72	33	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM16	24.64	24.94	33	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM64	24.07	24.37	33	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM64	24.60	24.9	33	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM64	23.35	23.65	33	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM256	21.15	21.45	33	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM256	21.19	21.49	33	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM256	20.51	20.81	33	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	27.22	27.52	33	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	26.97	27.27	33	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	27.39	27.69	33	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	27.28	27.58	33	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	27.00	27.3	33	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	27.38	27.68	33	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM16	26.29	26.59	33	PASS

n77(3450-3550)	30	60	633334	1@1	DFT_QAM16	26.49	26.79	33	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM16	26.73	27.03	33	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM64	24.84	25.14	33	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM64	24.86	25.16	33	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM64	25.07	25.37	33	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM256	22.85	23.15	33	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM256	22.55	22.85	33	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM256	22.87	23.17	33	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	25.74	26.04	33	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	25.57	25.87	33	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	25.92	26.22	33	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM16	25.22	25.52	33	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM16	25.09	25.39	33	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM16	25.43	25.73	33	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM64	23.68	23.98	33	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM64	23.91	24.21	33	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM64	24.25	24.55	33	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM256	20.85	21.15	33	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM256	20.84	21.14	33	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM256	21.21	21.51	33	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	27.27	27.57	33	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	27.31	27.61	33	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	27.12	27.42	33	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	27.28	27.58	33	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	27.48	27.78	33	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	27.09	27.39	33	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM16	26.29	26.59	33	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM16	27.08	27.38	33	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM16	26.50	26.8	33	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM64	24.76	25.06	33	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM64	25.16	25.46	33	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM64	24.74	25.04	33	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM256	22.77	23.07	33	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM256	23.20	23.5	33	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM256	22.56	22.86	33	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	25.78	26.08	33	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	25.89	26.19	33	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	25.53	25.83	33	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM16	25.22	25.52	33	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM16	25.42	25.72	33	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM16	25.11	25.41	33	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM64	23.74	24.04	33	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM64	24.43	24.73	33	PASS

n77(3450-3550)	30	60	634666	1@160	CP_QAM64	23.98	24.28	33	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM256	20.84	21.14	33	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM256	21.04	21.34	33	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM256	20.77	21.07	33	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	27.36	27.66	33	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	27.52	27.82	33	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	27.32	27.62	33	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	27.40	27.7	33	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	27.60	27.9	33	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	27.47	27.77	33	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM16	26.45	26.75	33	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM16	27.24	27.54	33	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM16	26.73	27.03	33	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM64	24.92	25.22	33	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM64	25.27	25.57	33	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM64	25.06	25.36	33	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM256	22.97	23.27	33	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM256	23.36	23.66	33	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM256	22.81	23.11	33	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	25.88	26.18	33	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	26.13	26.43	33	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	25.85	26.15	33	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM16	25.36	25.66	33	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM16	25.43	25.73	33	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM16	25.36	25.66	33	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM64	23.87	24.17	33	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM64	24.41	24.71	33	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM64	24.24	24.54	33	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM256	20.96	21.26	33	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM256	21.33	21.63	33	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM256	20.98	21.28	33	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	27.21	27.51	33	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	26.98	27.28	33	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	27.16	27.46	33	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	27.22	27.52	33	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	27.01	27.31	33	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	27.11	27.41	33	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM16	26.36	26.66	33	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM16	26.74	27.04	33	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM16	26.93	27.23	33	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM64	24.80	25.1	33	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM64	25.01	25.31	33	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM64	25.06	25.36	33	PASS

n77(3450-3550)	30	80	633334	108@54	DFT_QAM256	22.94	23.24	33	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM256	22.70	23	33	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM256	22.80	23.1	33	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	25.78	26.08	33	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	25.65	25.95	33	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	25.65	25.95	33	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM16	25.24	25.54	33	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM16	25.12	25.42	33	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM16	25.30	25.6	33	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM64	23.81	24.11	33	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM64	24.12	24.42	33	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM64	23.85	24.15	33	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM256	20.88	21.18	33	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM256	20.91	21.21	33	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM256	20.91	21.21	33	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	27.25	27.55	33	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	26.97	27.27	33	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	27.01	27.31	33	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	27.18	27.48	33	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	26.84	27.14	33	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	27.02	27.32	33	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM16	26.25	26.55	33	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM16	26.67	26.97	33	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM16	26.46	26.76	33	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM64	24.76	25.06	33	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM64	24.87	25.17	33	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM64	24.90	25.2	33	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM256	22.87	23.17	33	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM256	22.56	22.86	33	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM256	22.84	23.14	33	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	25.70	26	33	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	25.48	25.78	33	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QPSK	25.42	25.72	33	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM16	25.21	25.51	33	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM16	24.96	25.26	33	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM16	25.06	25.36	33	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM64	23.77	24.07	33	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM64	23.89	24.19	33	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM64	23.76	24.06	33	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM256	20.74	21.04	33	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM256	20.74	21.04	33	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM256	20.72	21.02	33	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	27.28	27.58	33	PASS

n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	27.40	27.7	33	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	27.24	27.54	33	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	27.28	27.58	33	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	27.34	27.64	33	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	27.17	27.47	33	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM16	26.34	26.64	33	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM16	27.13	27.43	33	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM16	26.92	27.22	33	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM64	24.88	25.18	33	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM64	25.41	25.71	33	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM64	25.01	25.31	33	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM256	22.87	23.17	33	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM256	23.06	23.36	33	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM256	23.05	23.35	33	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	25.74	26.04	33	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	25.99	26.29	33	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	25.64	25.94	33	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM16	25.26	25.56	33	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM16	25.46	25.76	33	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM16	25.32	25.62	33	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM64	23.81	24.11	33	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM64	24.46	24.76	33	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM64	23.92	24.22	33	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM256	20.93	21.23	33	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM256	21.17	21.47	33	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM256	20.89	21.19	33	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	27.24	27.54	33	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	27.21	27.51	33	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	27.18	27.48	33	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	27.27	27.57	33	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	27.27	27.57	33	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	27.08	27.38	33	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM16	26.35	26.65	33	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM16	26.97	27.27	33	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM16	26.56	26.86	33	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM64	24.89	25.19	33	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM64	25.21	25.51	33	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM64	24.81	25.11	33	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM256	22.85	23.15	33	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM256	22.75	23.05	33	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM256	22.88	23.18	33	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	25.80	26.1	33	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	26.01	26.31	33	PASS

n77(3450-3550)	30	90	633334	1@243	CP_QPSK	25.65	25.95	33	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM16	25.27	25.57	33	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM16	25.37	25.67	33	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM16	25.09	25.39	33	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM64	23.80	24.1	33	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM64	24.07	24.37	33	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM64	23.88	24.18	33	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM256	20.83	21.13	33	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM256	21.03	21.33	33	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM256	20.70	21	33	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	27.20	27.5	33	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	27.02	27.32	33	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	27.11	27.41	33	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	27.23	27.53	33	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	27.09	27.39	33	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	26.98	27.28	33	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM16	26.35	26.65	33	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM16	26.58	26.88	33	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM16	26.54	26.84	33	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM64	24.77	25.07	33	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM64	25.08	25.38	33	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM64	24.77	25.07	33	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM256	22.85	23.15	33	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM256	22.57	22.87	33	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM256	22.41	22.71	33	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	25.76	26.06	33	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	25.87	26.17	33	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	25.52	25.82	33	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM16	25.22	25.52	33	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM16	25.13	25.43	33	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM16	25.07	25.37	33	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM64	23.73	24.03	33	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM64	23.90	24.2	33	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM64	24.08	24.38	33	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM256	20.89	21.19	33	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM256	20.78	21.08	33	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM256	20.72	21.02	33	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	27.24	27.54	33	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	27.34	27.64	33	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	27.13	27.43	33	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	27.22	27.52	33	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	27.33	27.63	33	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	26.96	27.26	33	PASS

n77(3450-3550)	30	100	633334	135@67	DFT_QAM16	26.23	26.53	33	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM16	26.91	27.21	33	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM16	26.73	27.03	33	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM64	24.84	25.14	33	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM64	25.28	25.58	33	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM64	24.74	25.04	33	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM256	22.85	23.15	33	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM256	23.28	23.58	33	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM256	22.76	23.06	33	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	25.70	26	33	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	25.98	26.28	33	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	25.42	25.72	33	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM16	25.24	25.54	33	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM16	25.42	25.72	33	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM16	25.10	25.4	33	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM64	23.79	24.09	33	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM64	24.16	24.46	33	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM64	23.73	24.03	33	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM256	20.87	21.17	33	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM256	21.30	21.6	33	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM256	20.61	20.91	33	PASS

2 Frequency stability for NR FR1

NT:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	3.87	-3.87	0.00	Within authorized band for 5G NR n77	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	3.50	-5.02	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	4.45	-7.46	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	3.87	-23.16	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	3.50	-17.34	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	4.45	-14.66	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	-16.46	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	-10	-14.05	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	0	-18.28	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	10	-19.92	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	20	-14.77	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	30	-15.76	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	40	-13.23	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	50	-15.74	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-30	-13.56	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-20	-19.19	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-10	-20.08	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	0	-14.3	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	10	-15.47	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	20	-12.95	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	30	-19.15	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	40	-16.27	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	50	-20.59	-0.01		PASS

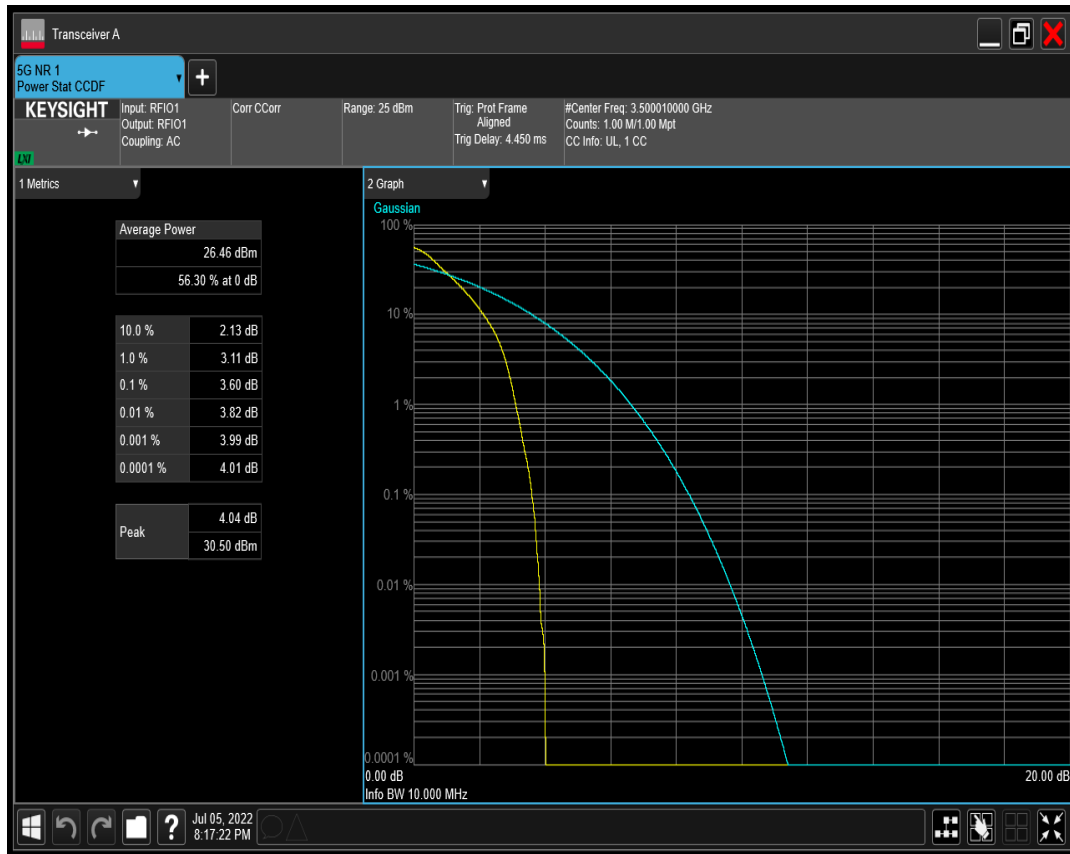
Note: Only the worst case shown in the report.

3 Peak-to-Average Ratio for NR FR1

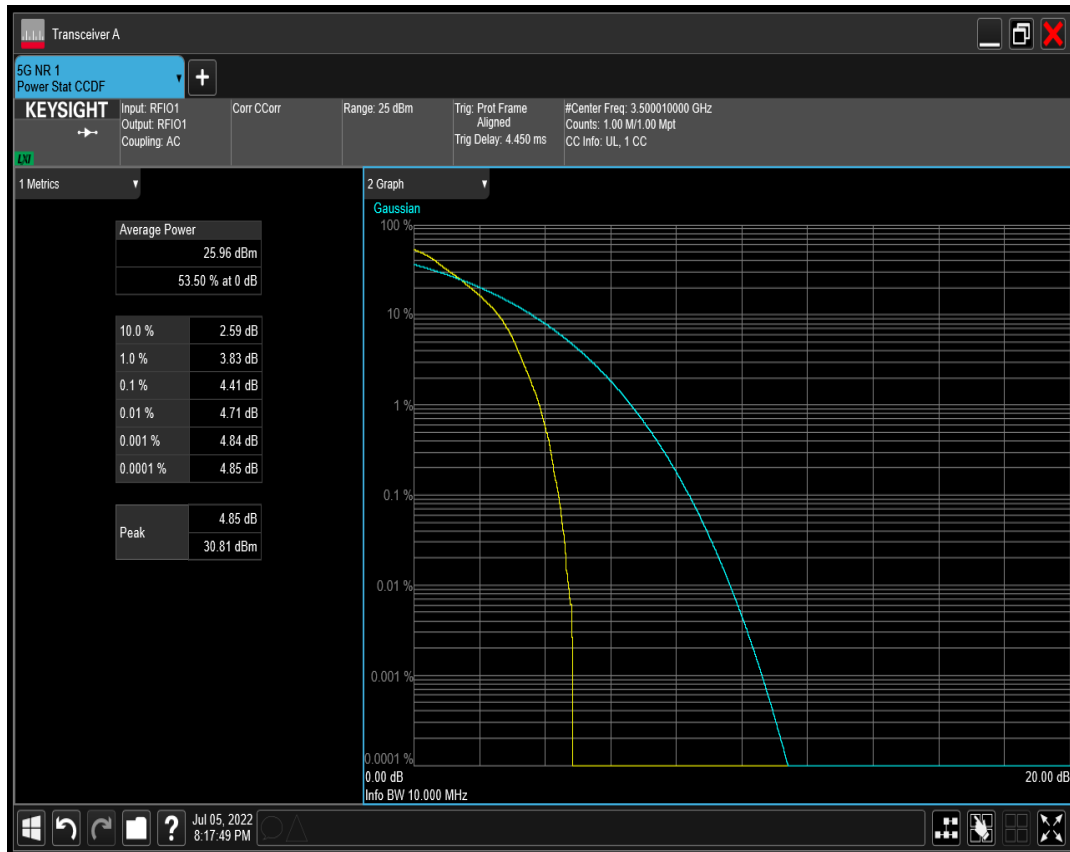
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	3.60	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	4.41	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	5.23	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	5.54	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	6.64	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	3.81	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	4.49	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	5.44	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	5.65	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	6.67	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	3.99	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	4.84	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	5.65	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	5.91	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	6.74	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	3.85	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	4.56	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	5.36	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	5.70	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	6.66	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	3.99	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	4.82	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	5.58	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	5.86	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	6.59	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	4.52	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	5.08	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	5.83	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	6.08	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	6.74	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	3.91	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	4.72	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	5.46	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	5.78	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	5.97	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	4.52	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	5.04	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	5.71	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	6.00	13	PASS

n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	6.73	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	4.21	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	5.02	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	5.82	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	6.03	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	6.66	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	4.68	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	5.13	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	5.88	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	6.11	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	6.73	13	PASS

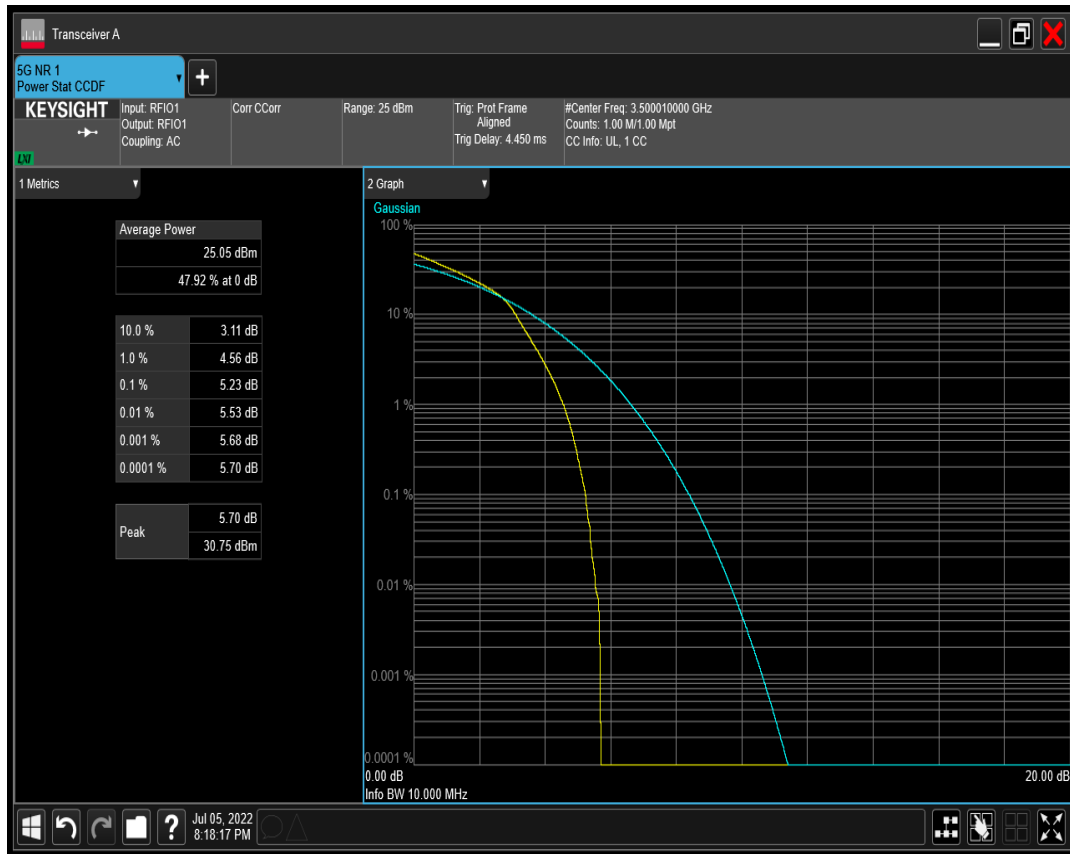
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



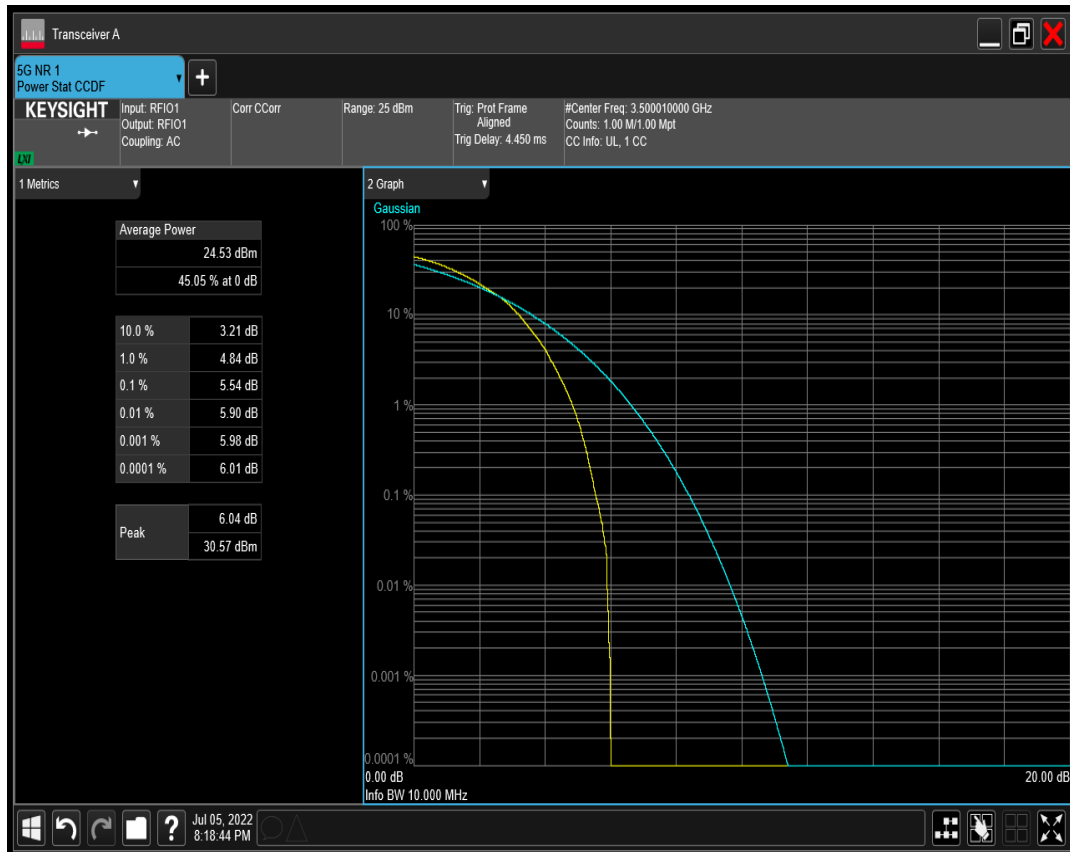
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



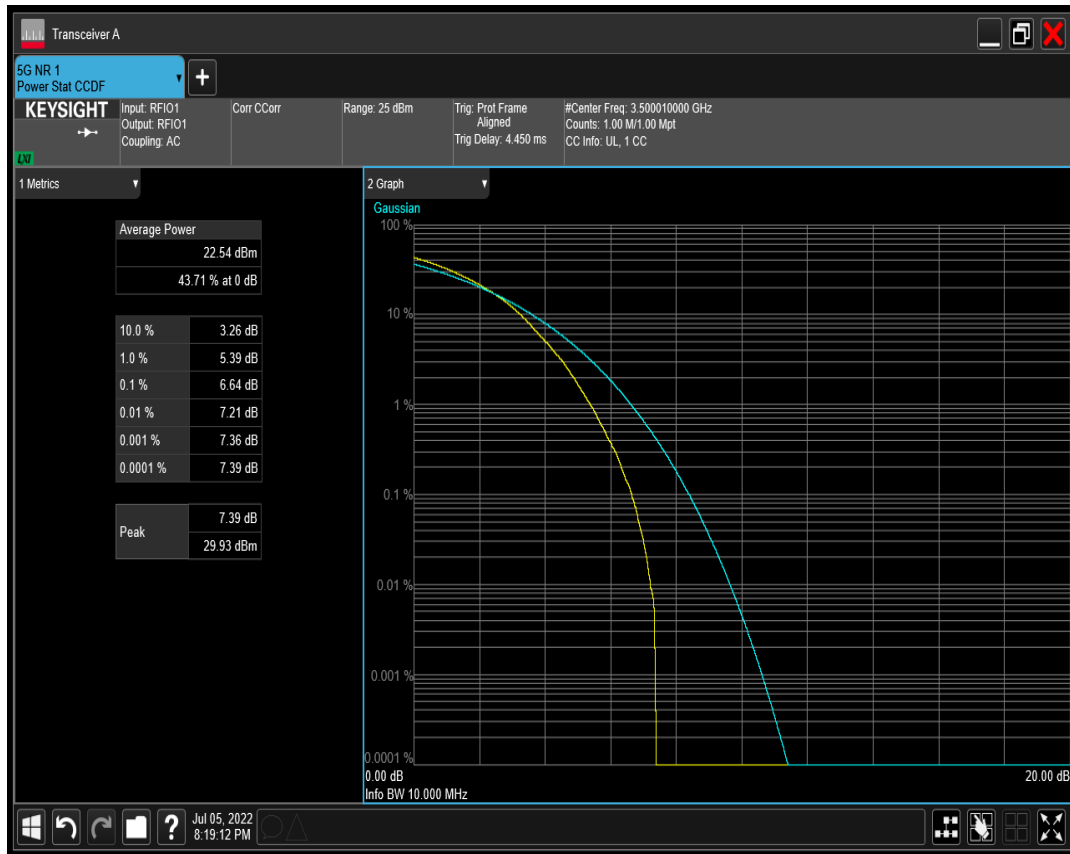
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=633334 RB=24@0



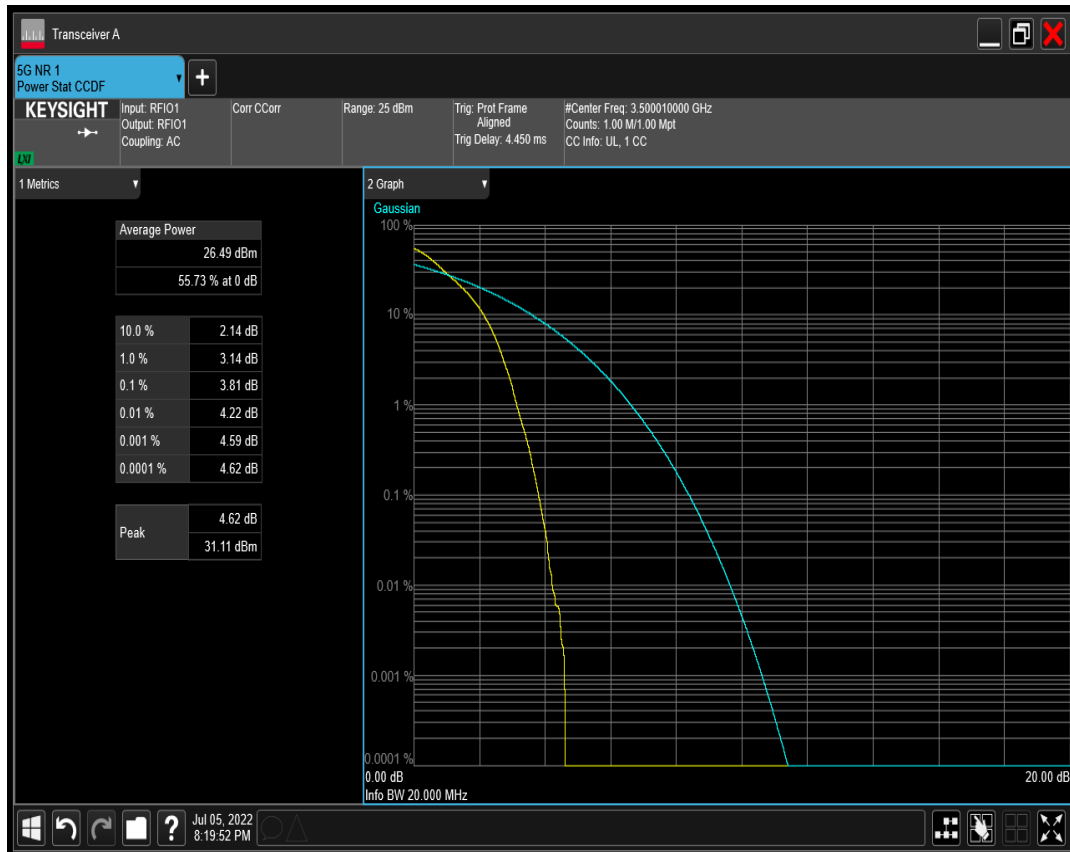
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=633334 RB=24@0



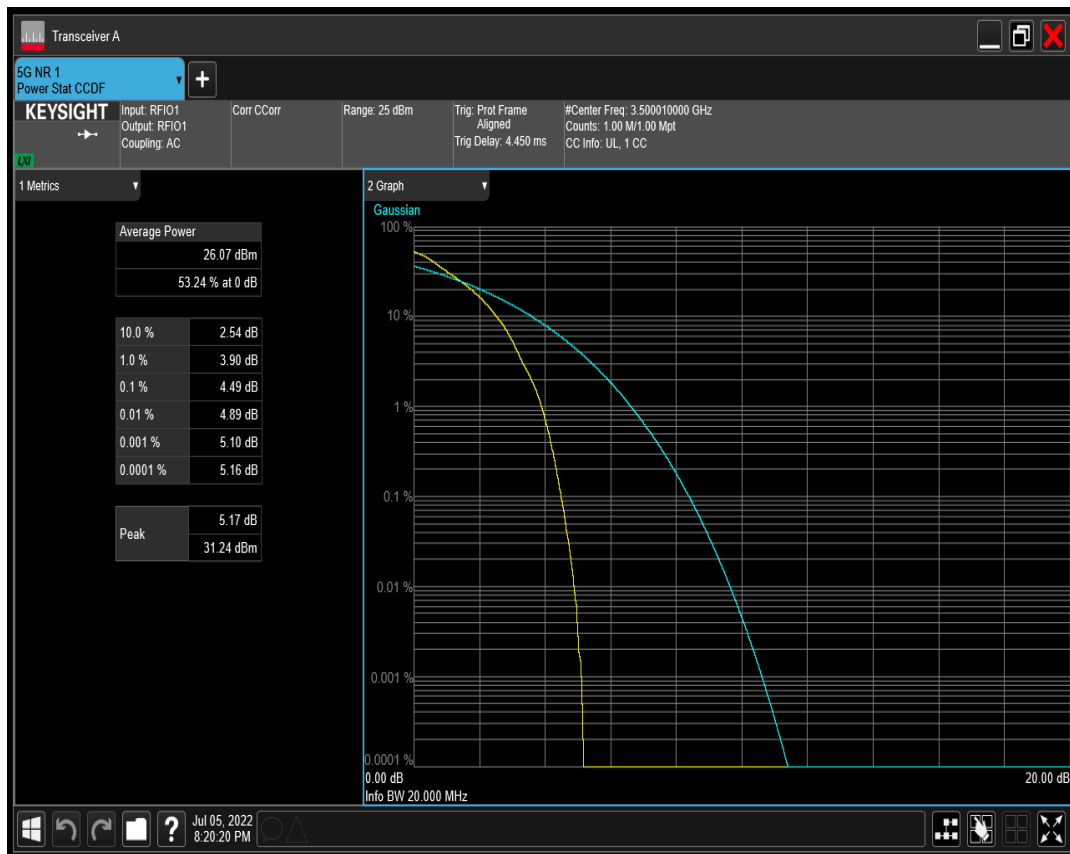
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=633334 RB=24@0



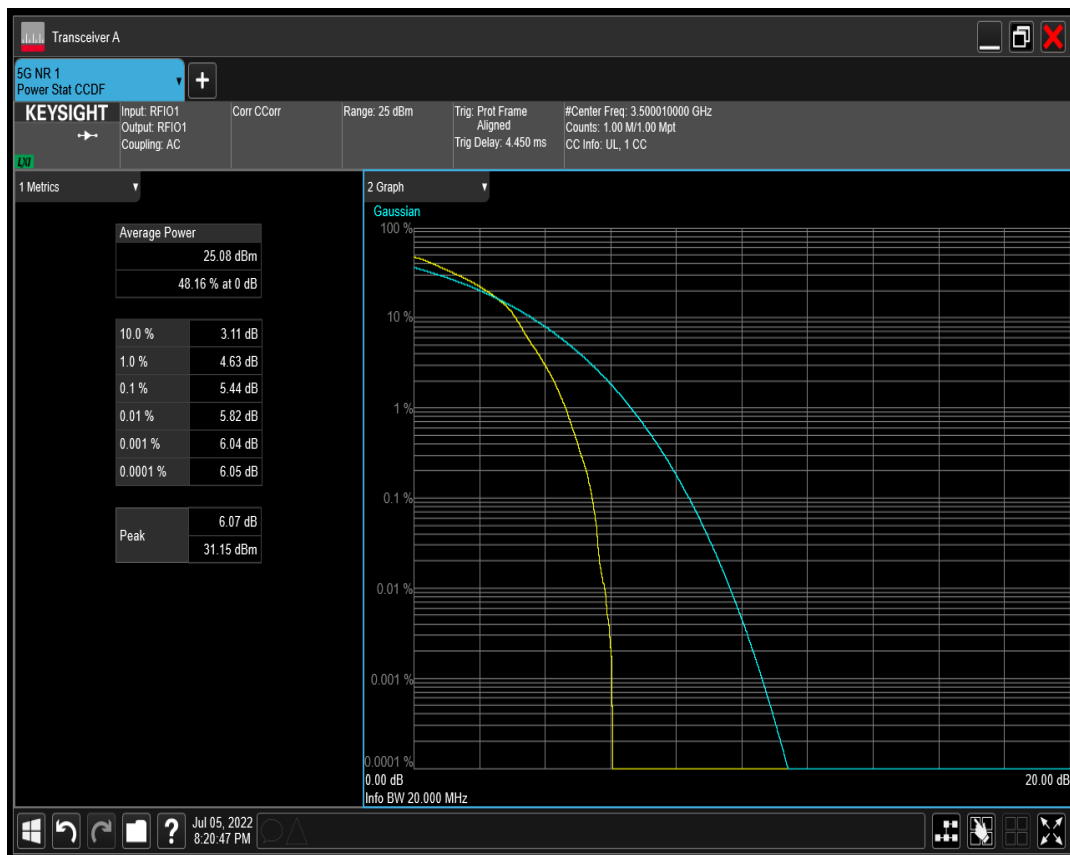
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



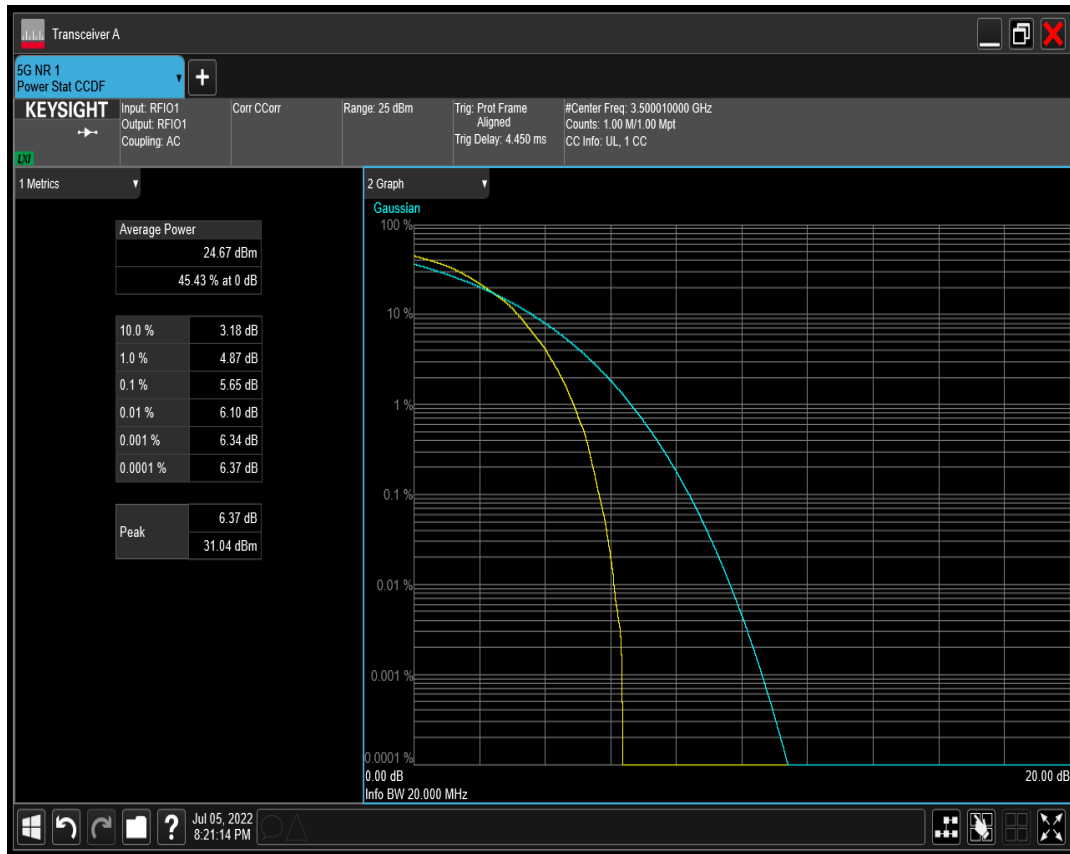
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36@0



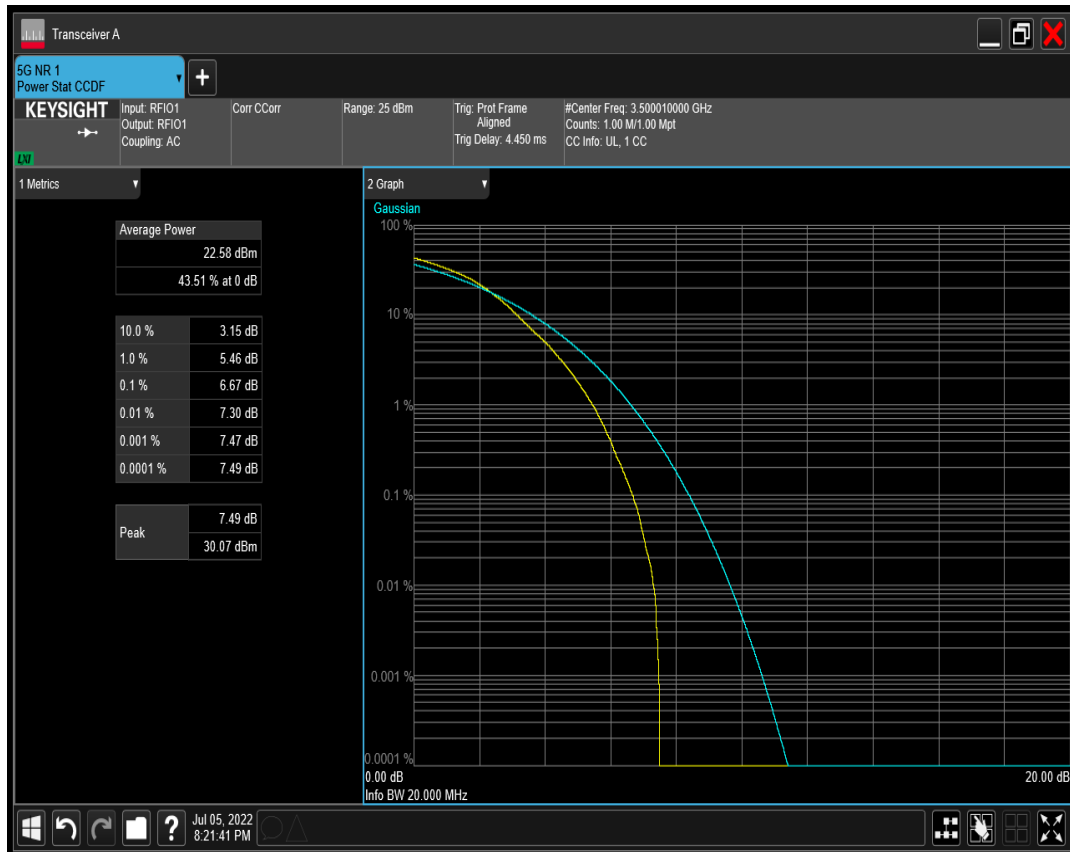
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=633334 RB=36@0



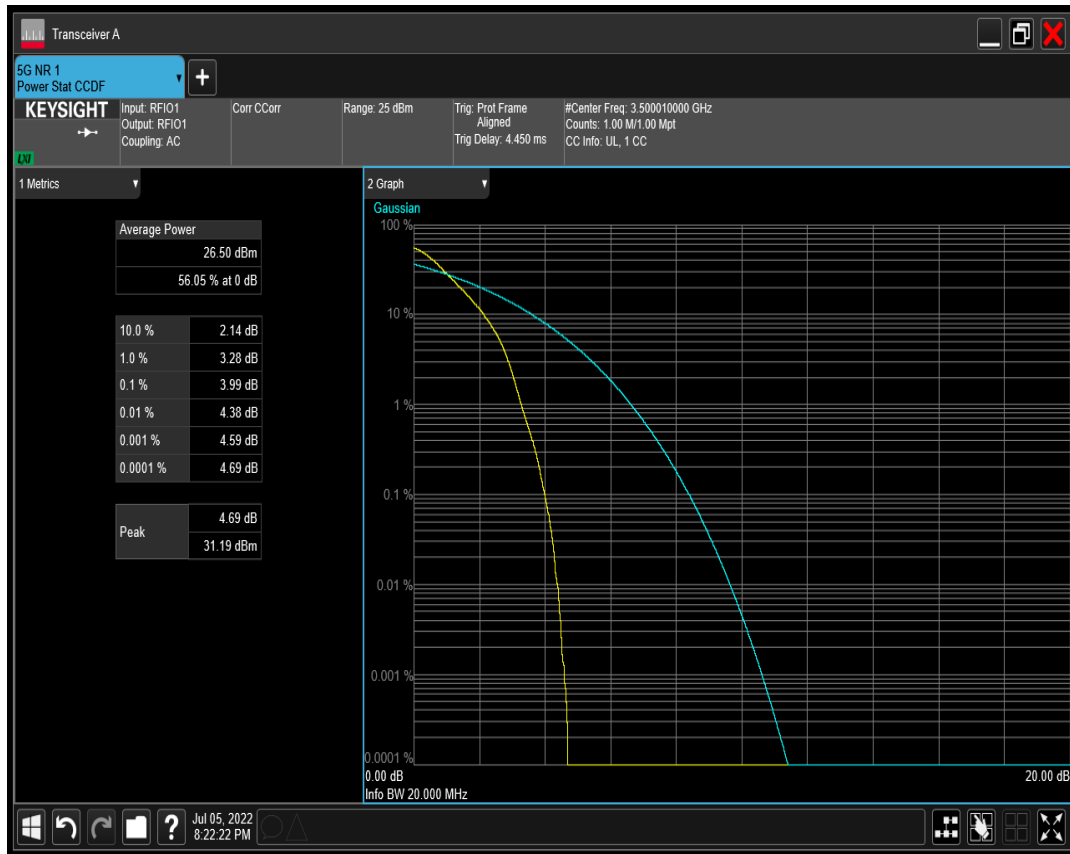
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=633334 RB=36@0



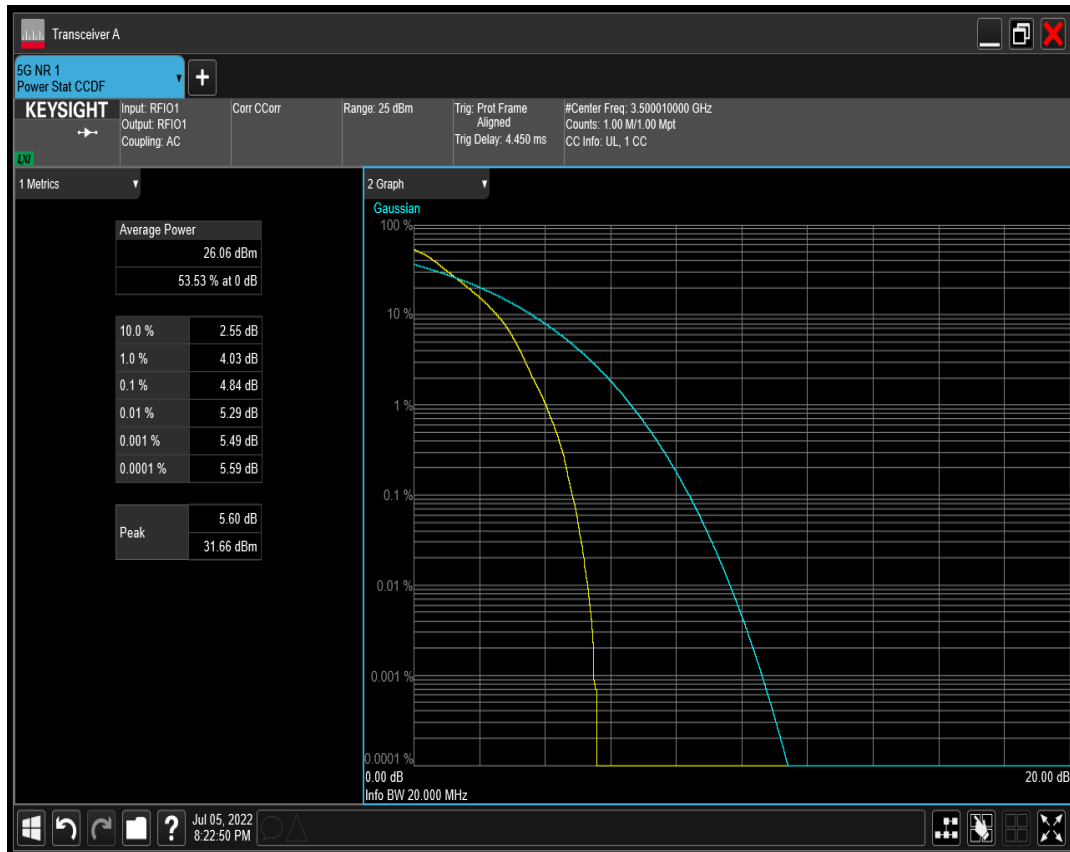
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=633334 RB=36@0



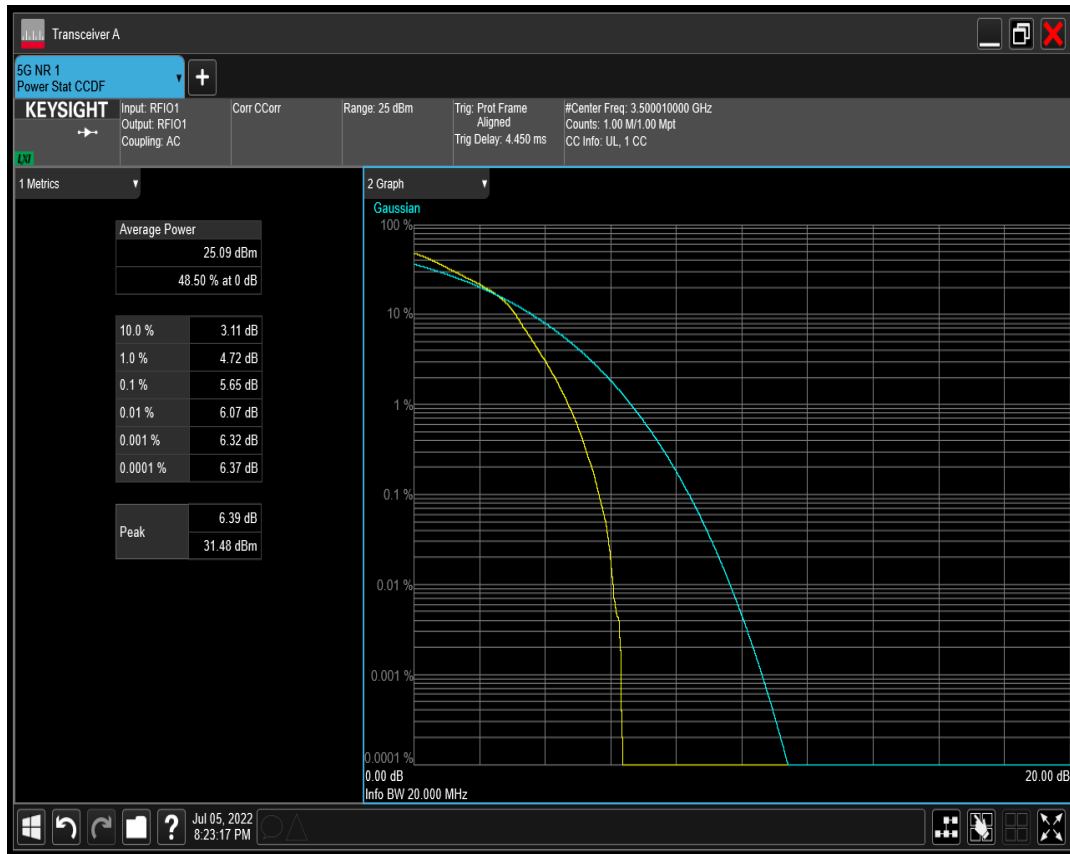
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50@0



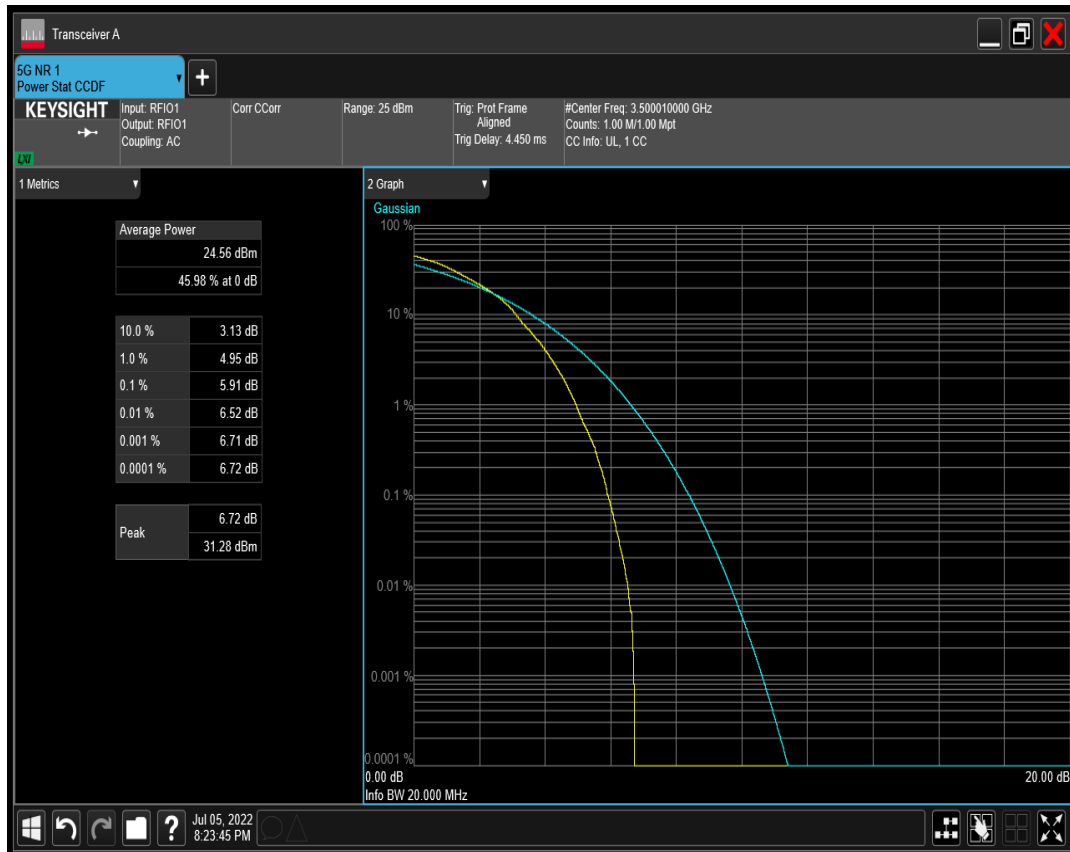
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=50@0



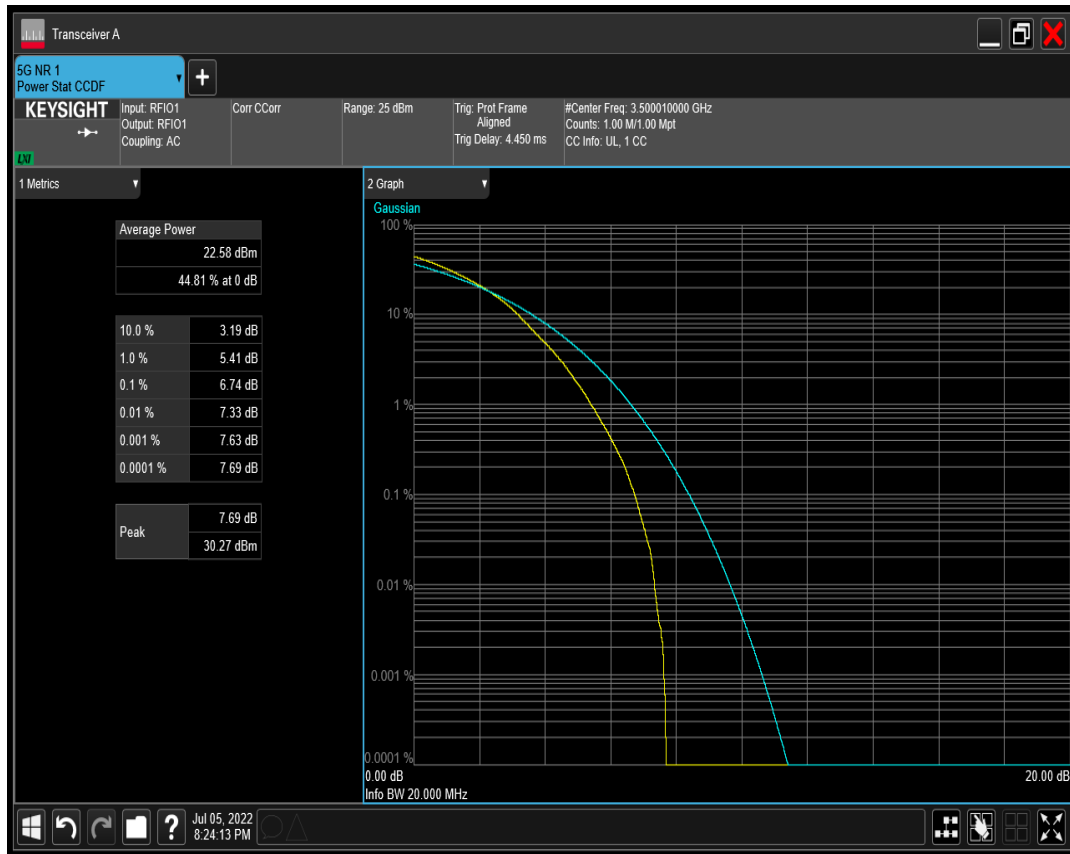
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=633334 RB=50@0



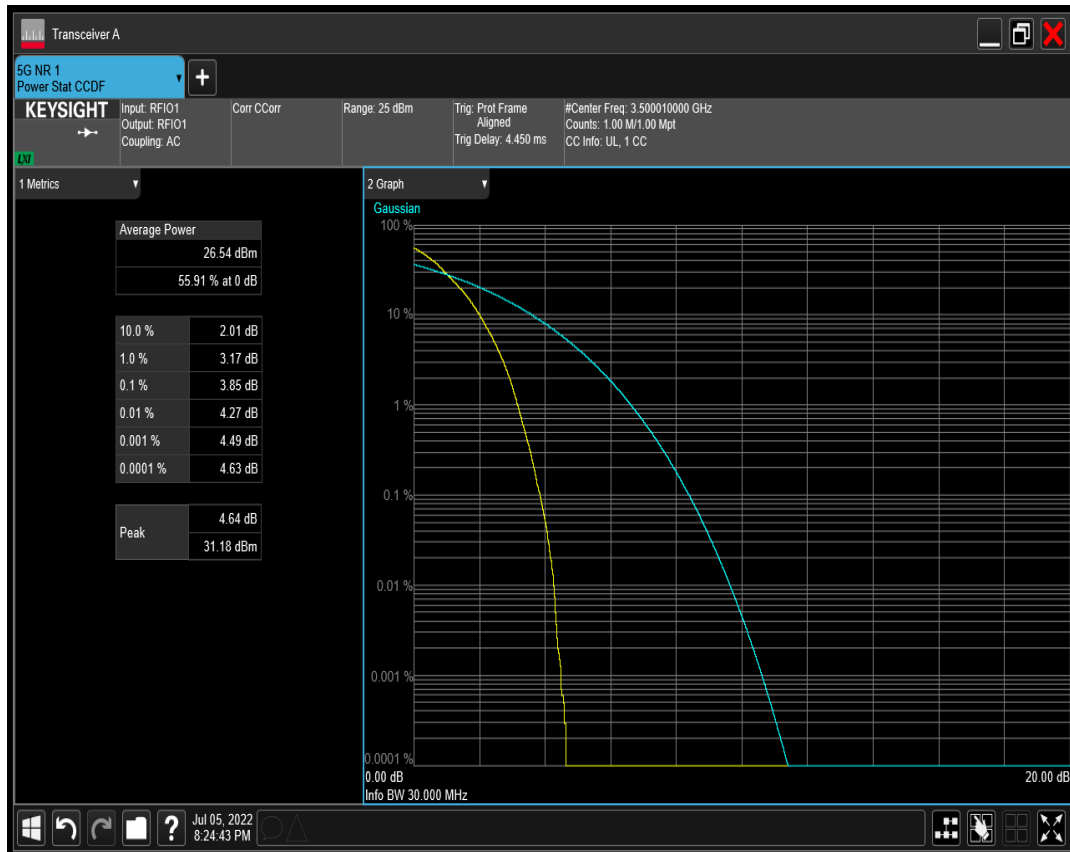
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=20MHz Channel=633334 RB=50@0



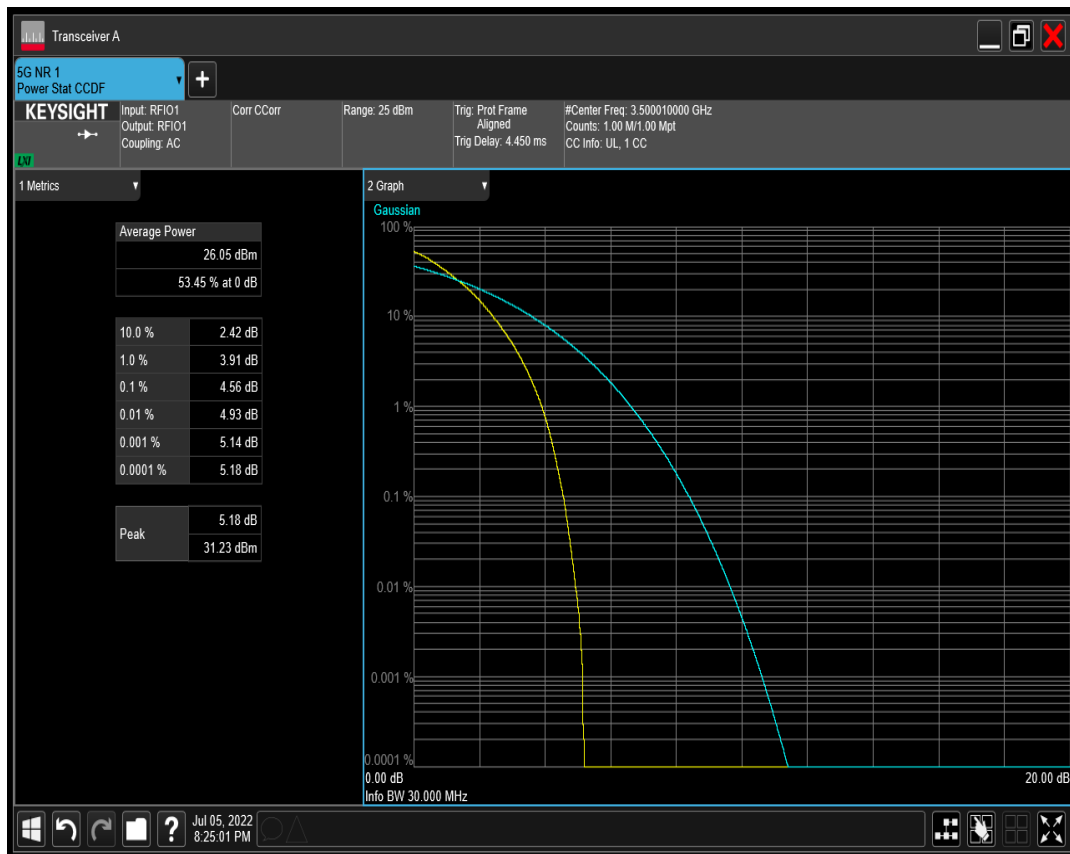
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=633334 RB=50@0



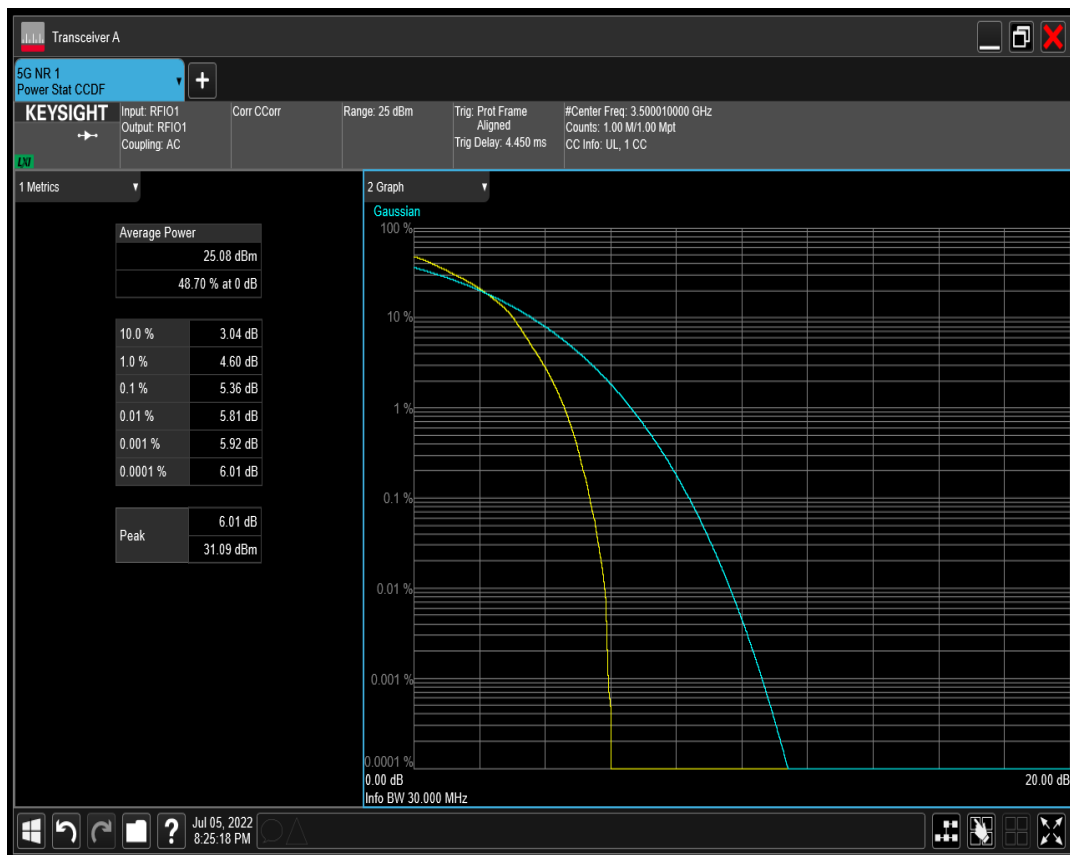
n77(3450-3550) SCS=30kHz DFT_BPSK BW=30MHz Channel=633334 RB=75@0



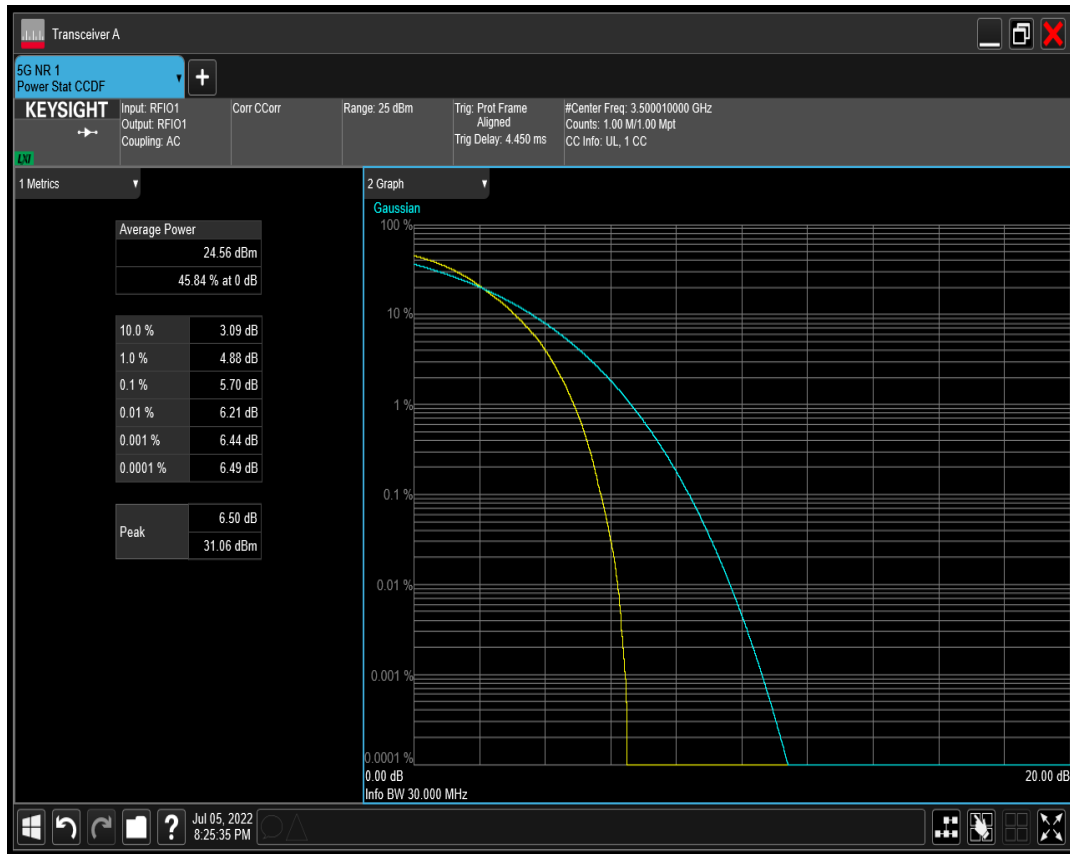
n77(3450-3550) SCS=30kHz DFT_QPSK BW=30MHz Channel=633334 RB=75@0



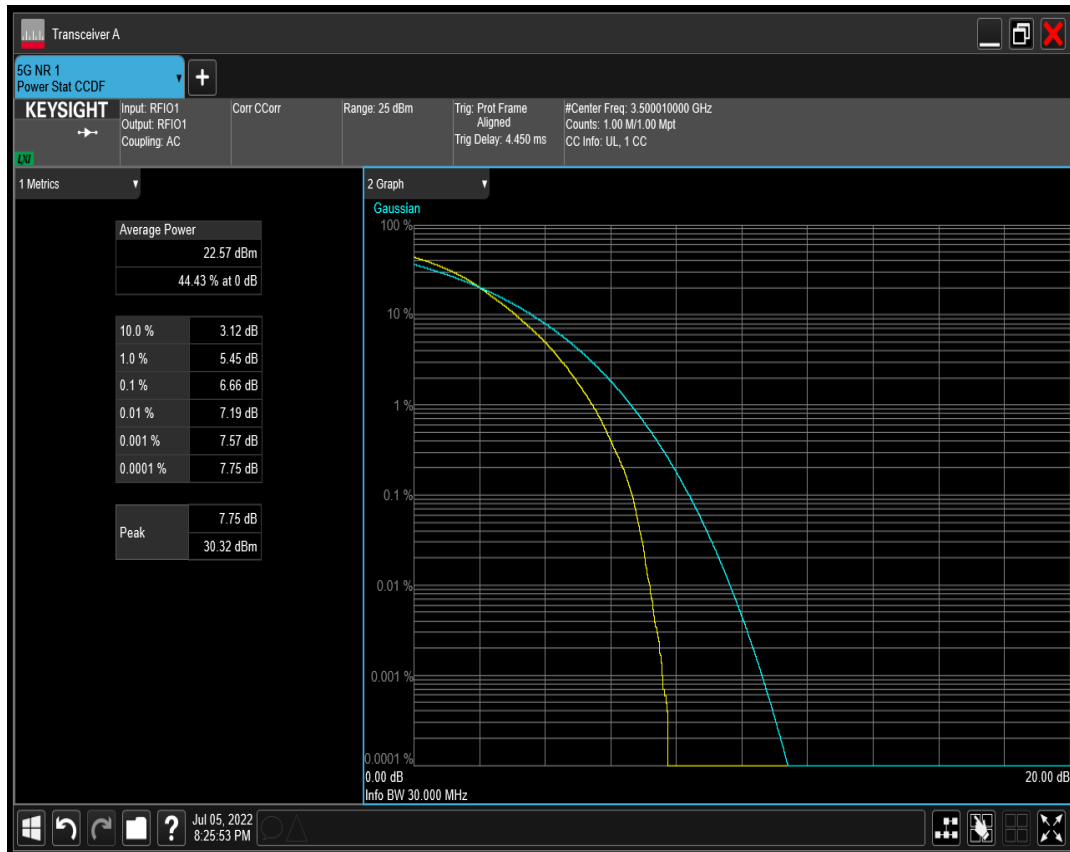
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=30MHz Channel=633334 RB=75@0



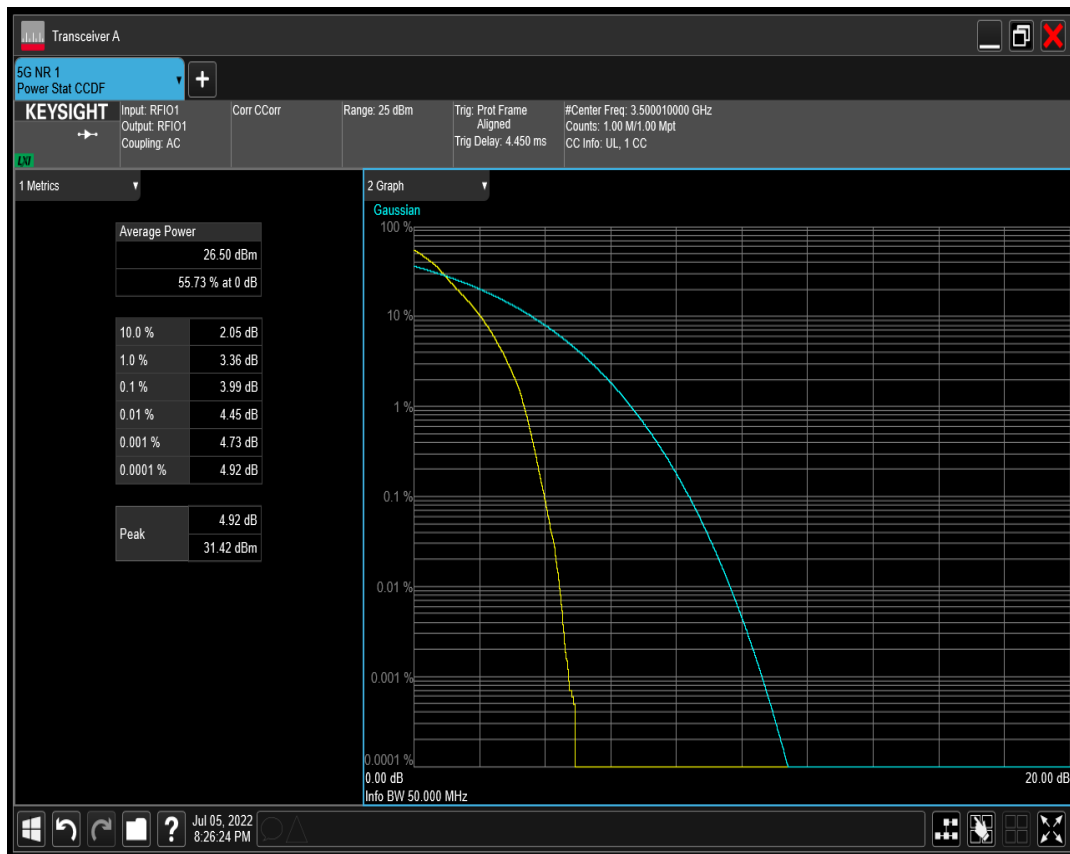
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=30MHz Channel=633334 RB=75@0



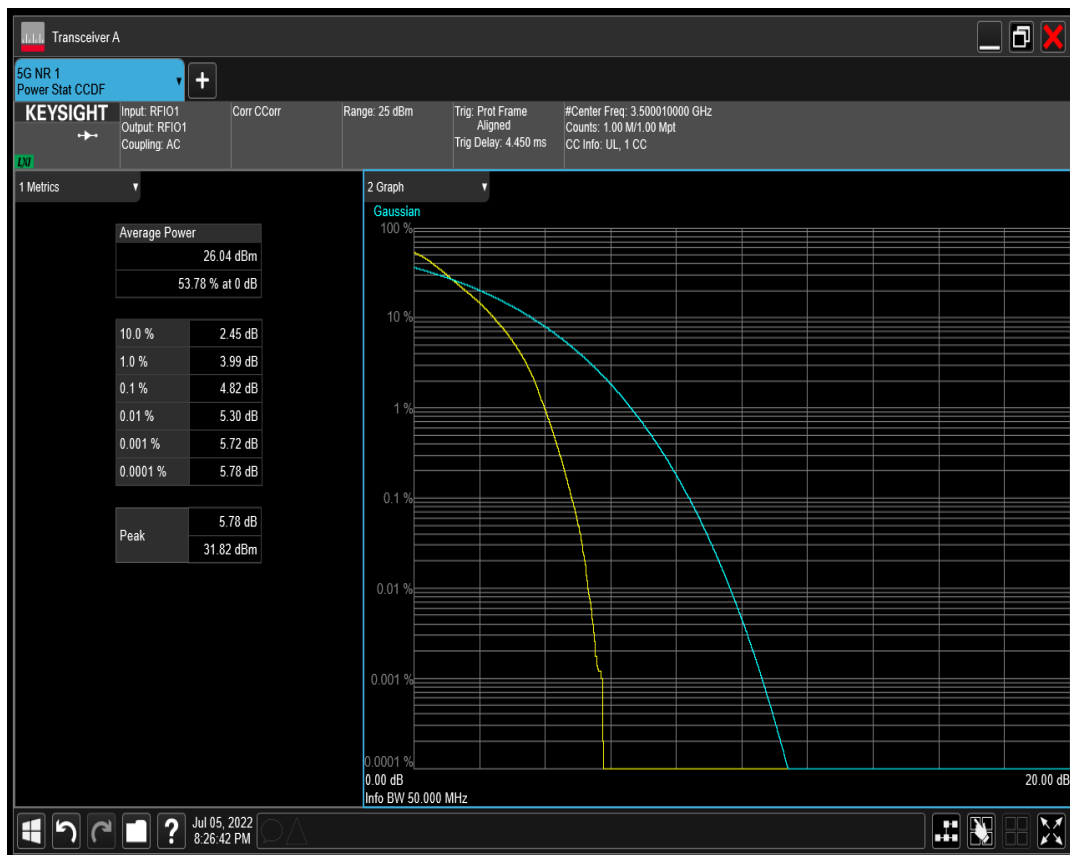
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=30MHz Channel=633334 RB=75@0



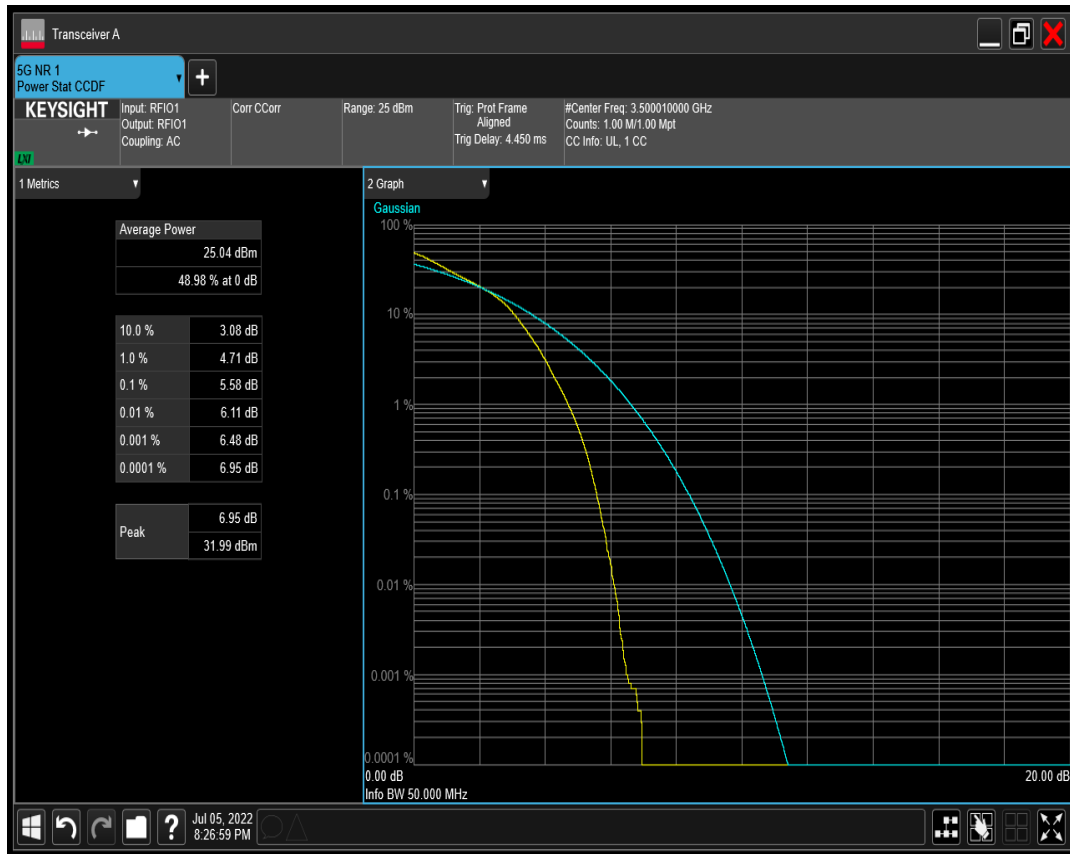
n77(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz Channel=633334 RB=100@0



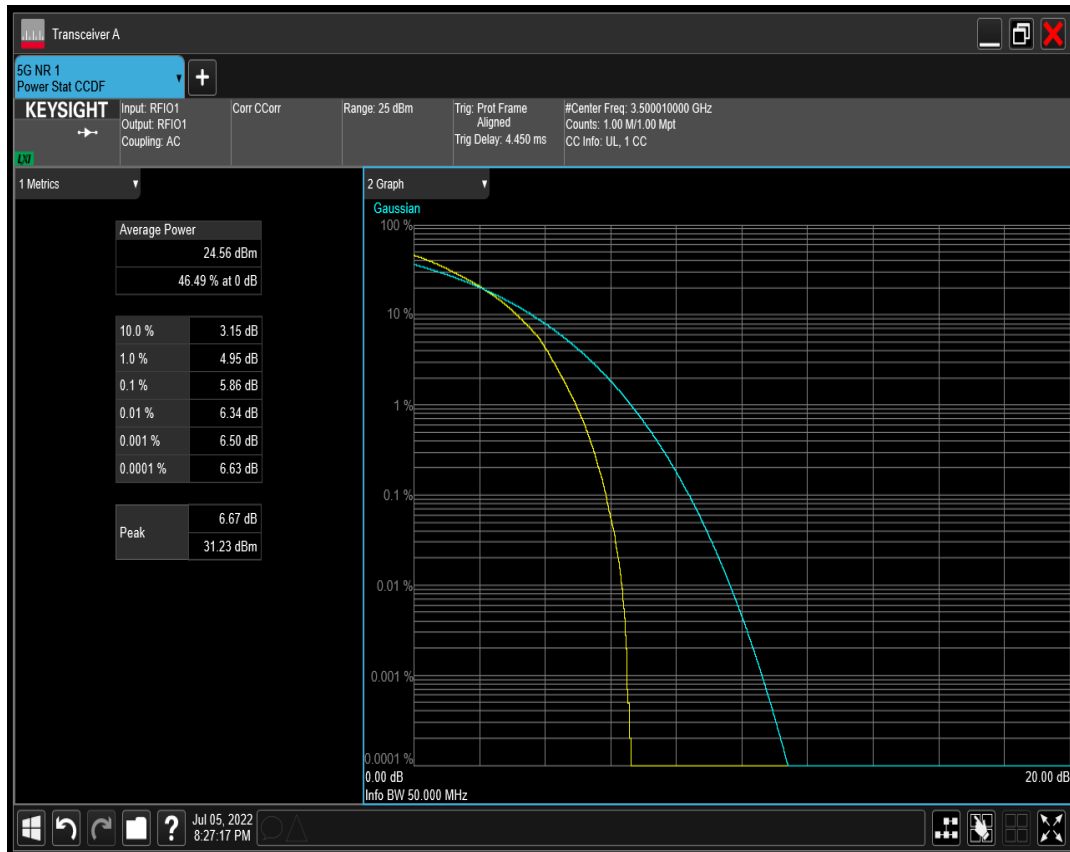
n77(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=633334 RB=100@0



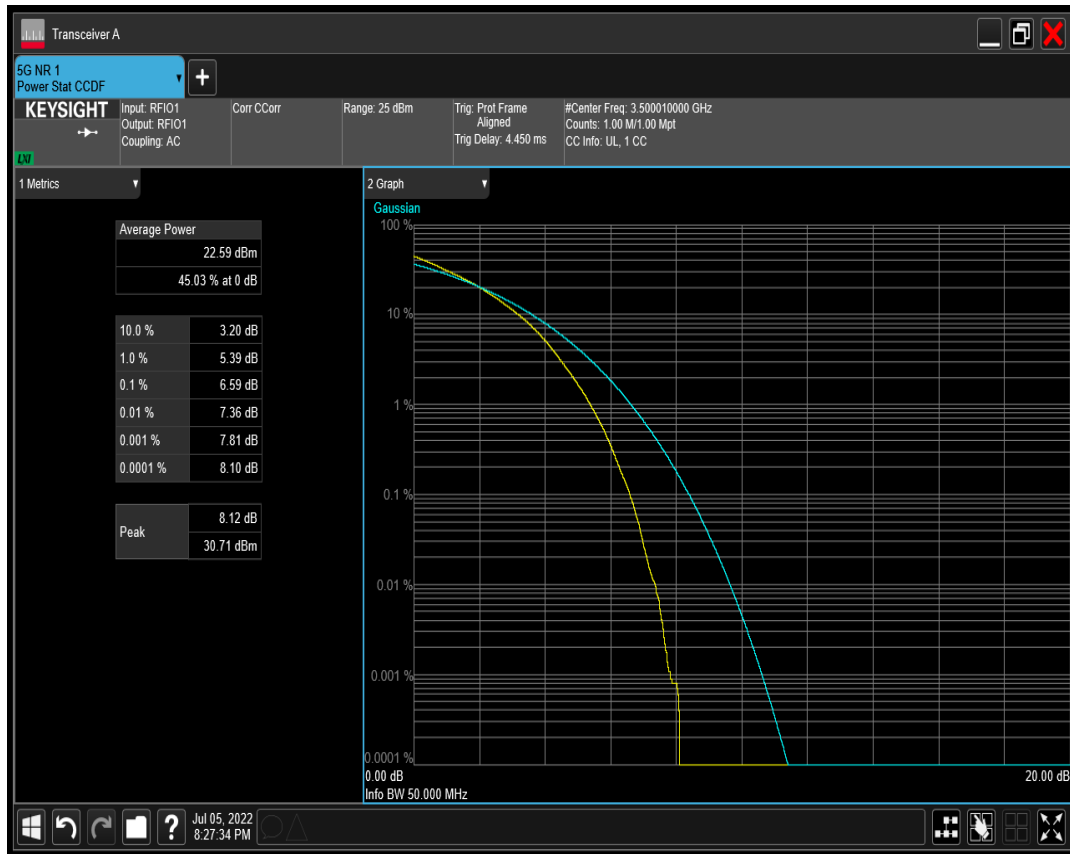
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=40MHz Channel=633334 RB=100@0



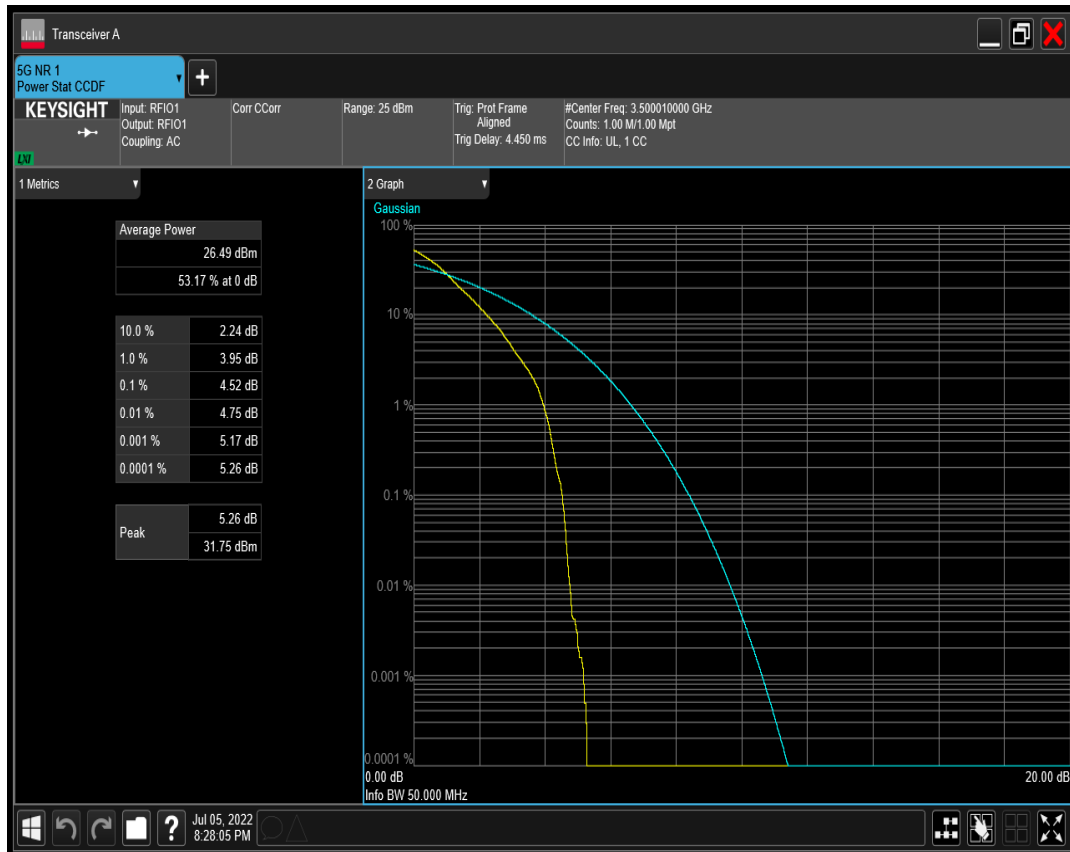
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=40MHz Channel=633334 RB=100@0



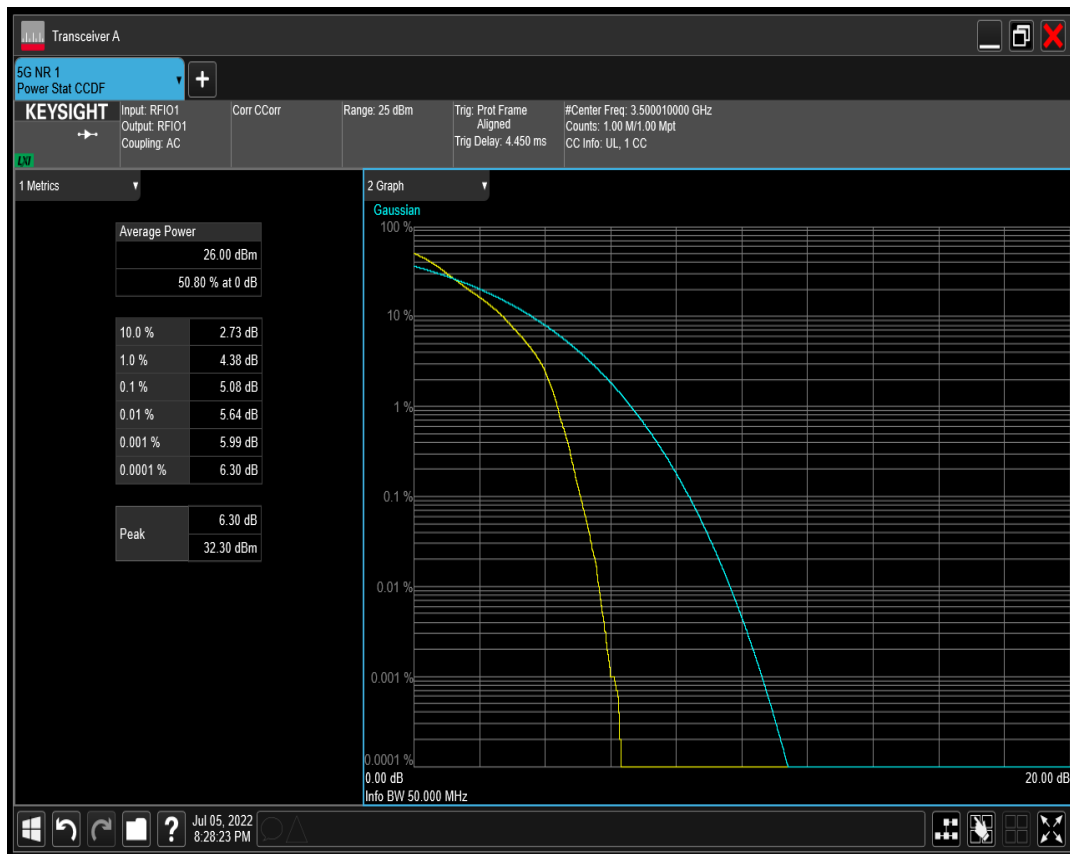
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=40MHz Channel=633334 RB=100@0



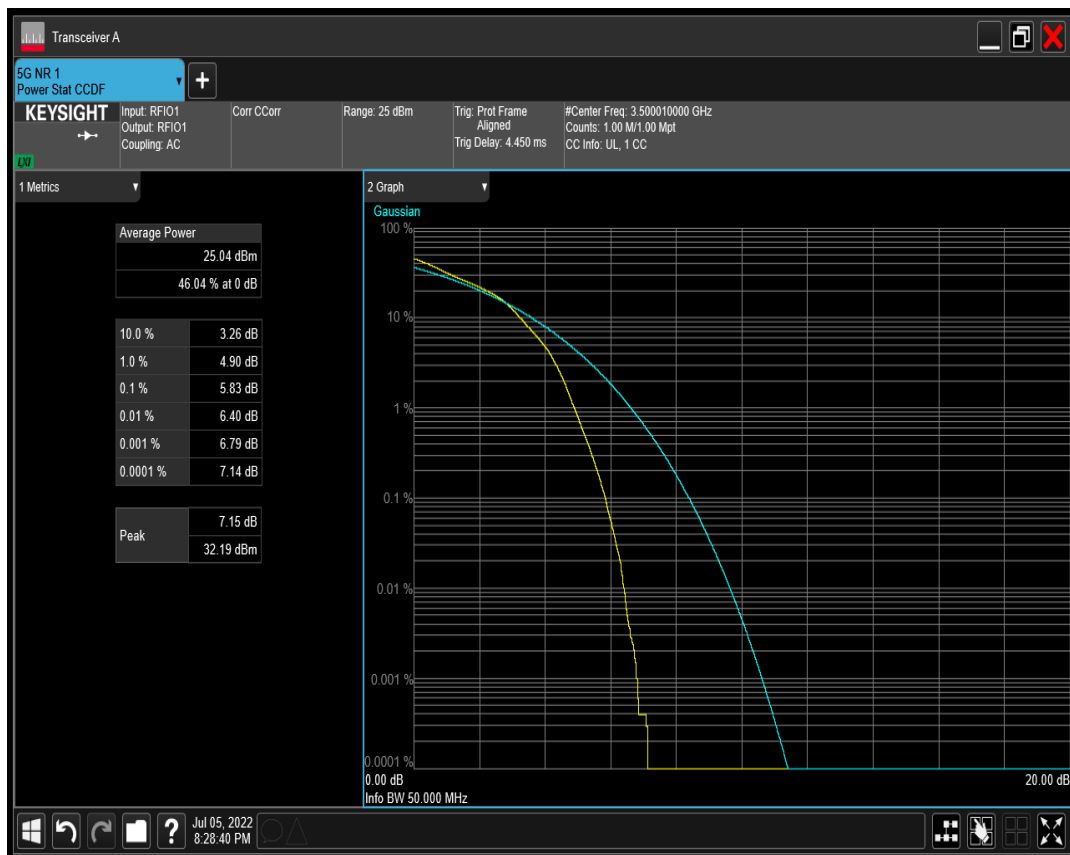
n77(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=633334 RB=128@0



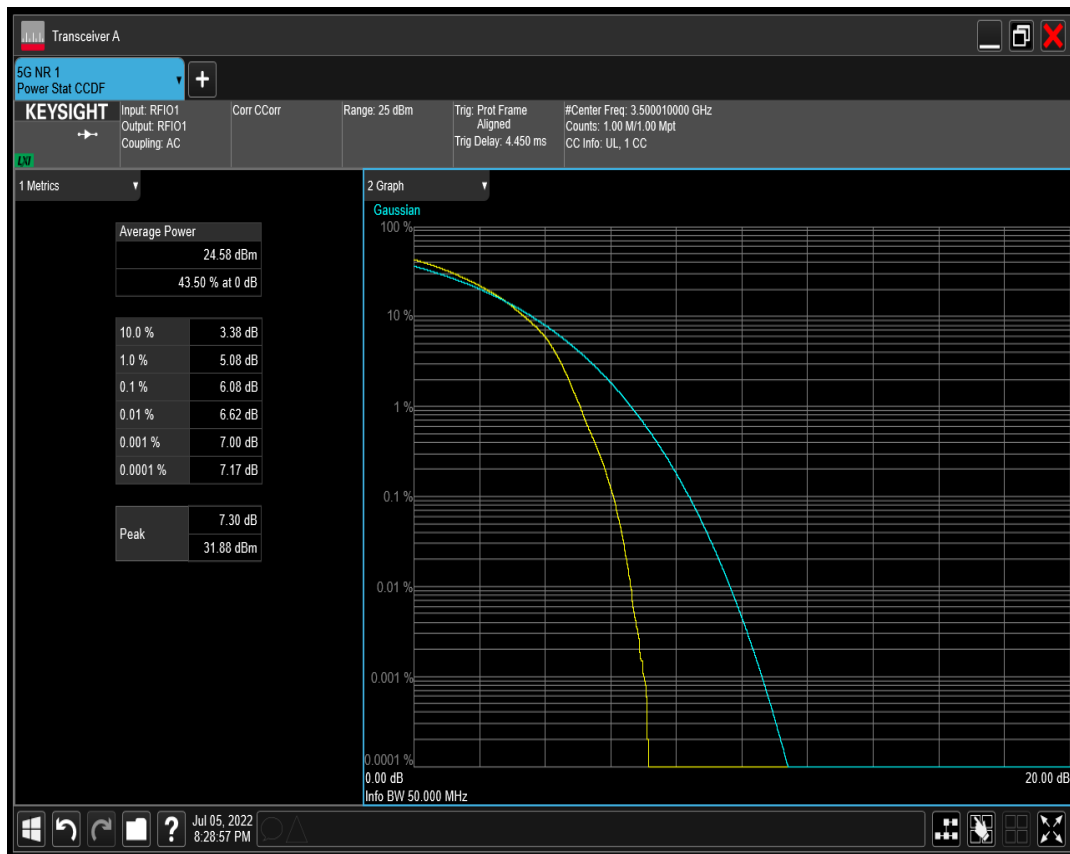
n77(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=633334 RB=128@0



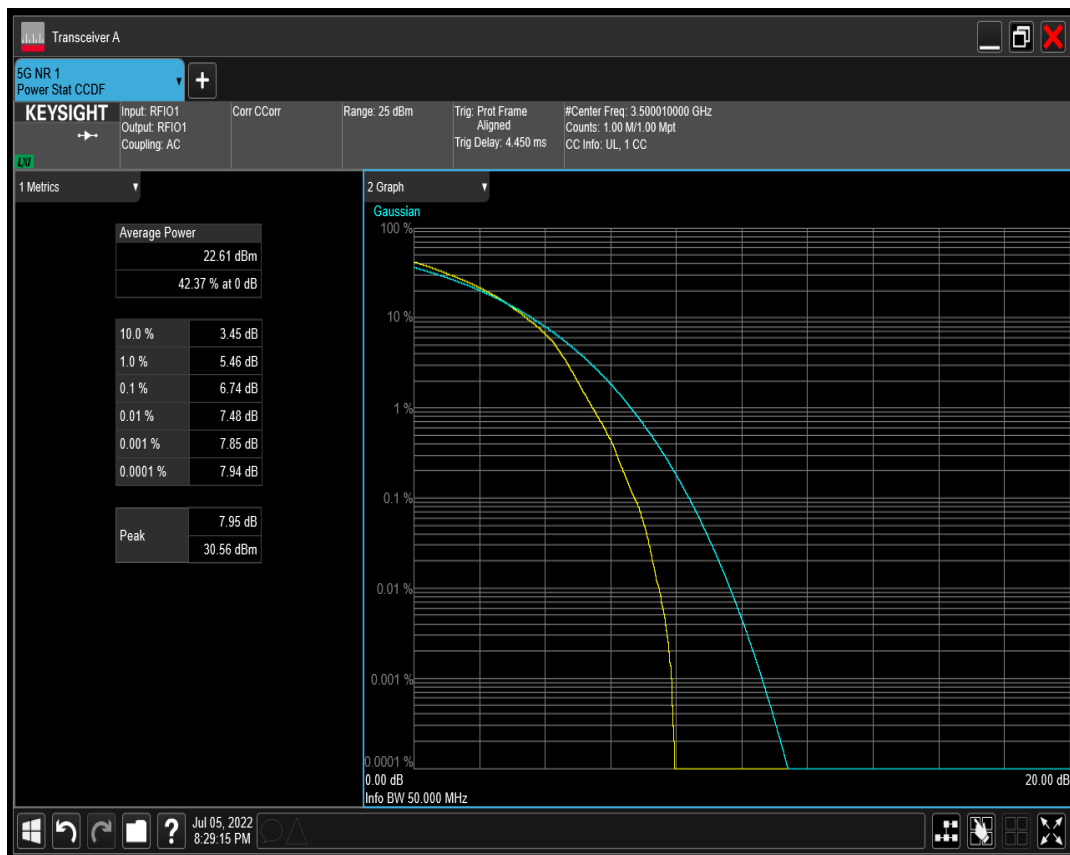
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=50MHz Channel=633334 RB=128@0



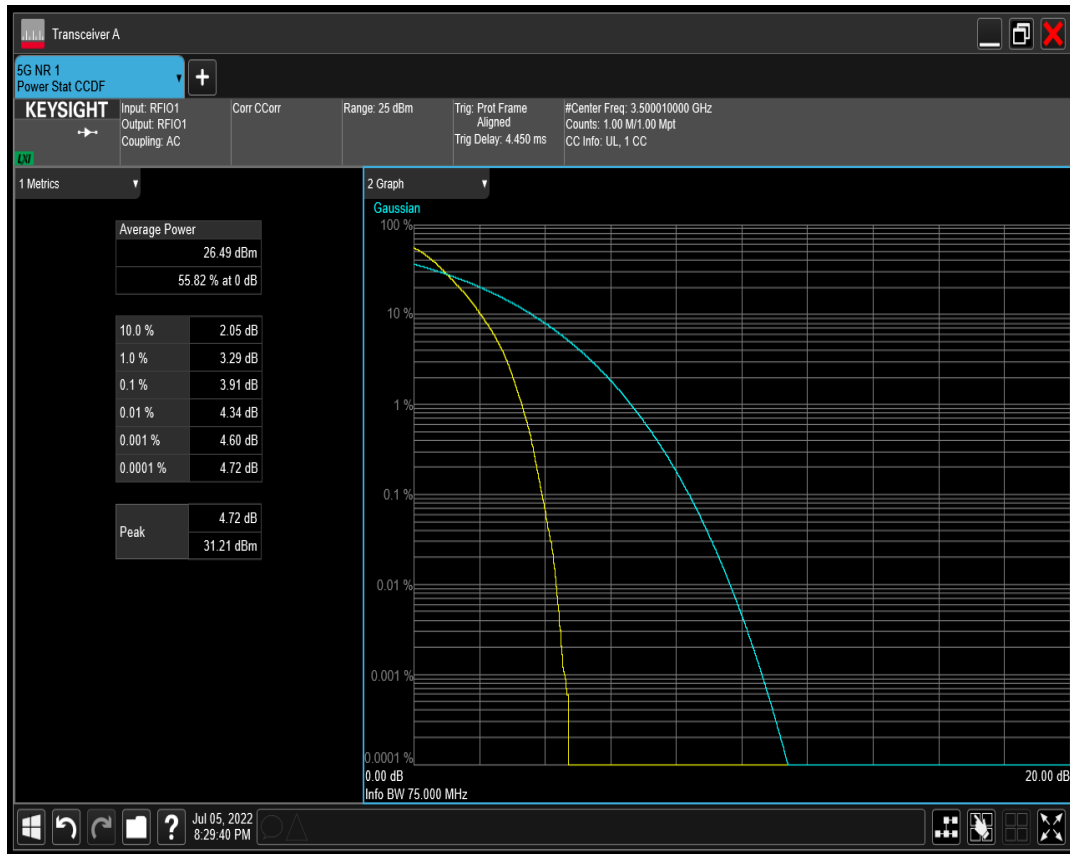
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=633334 RB=128@0



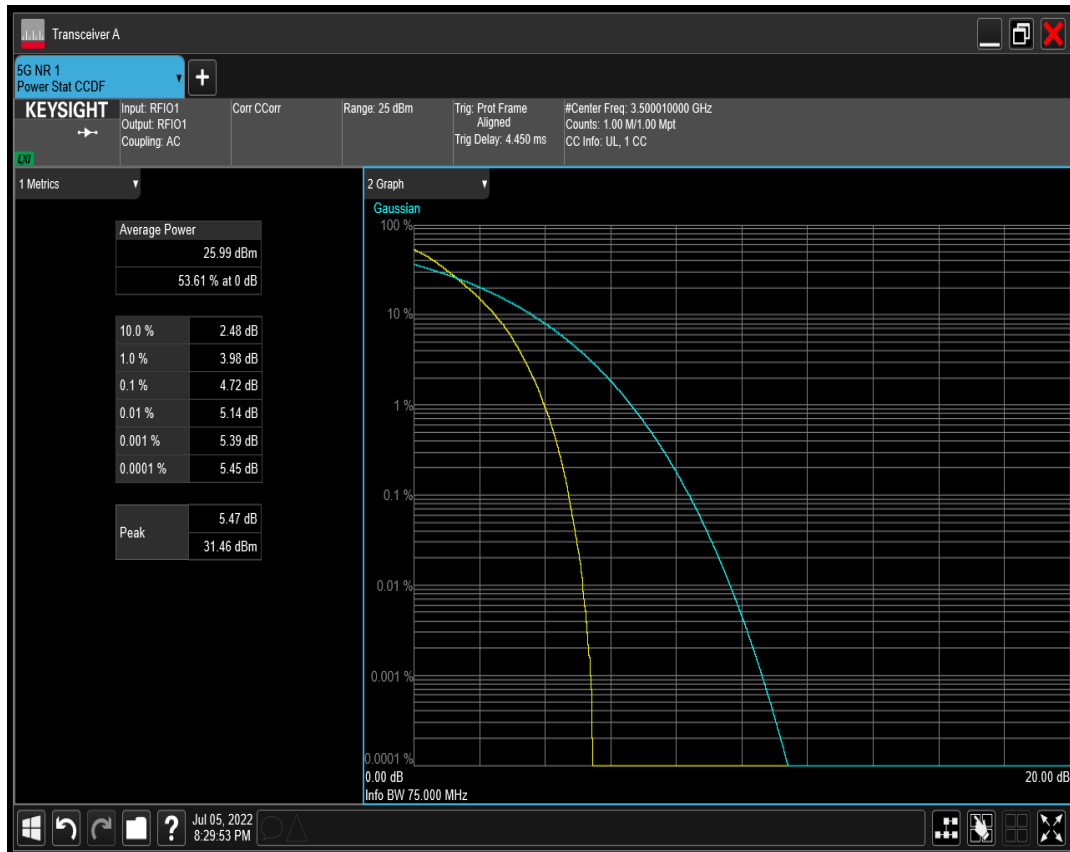
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=50MHz Channel=633334 RB=128@0



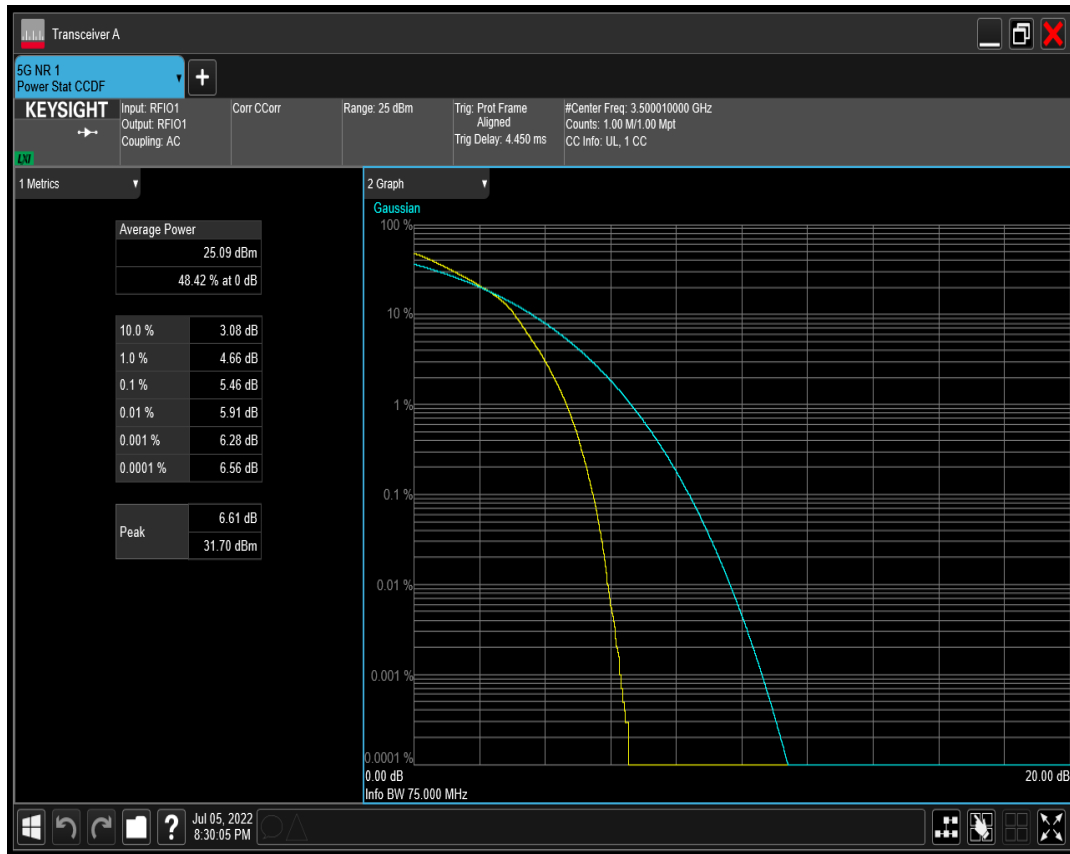
n77(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=633334 RB=162@0



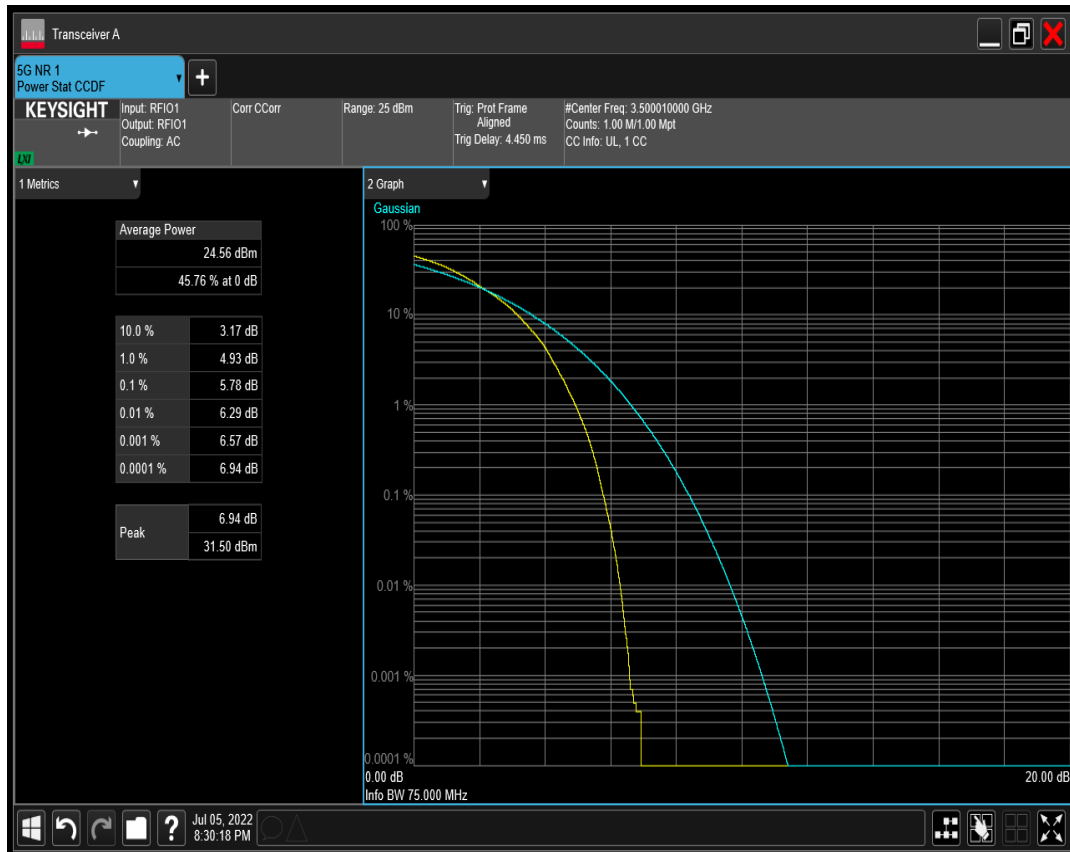
n77(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=633334 RB=162@0



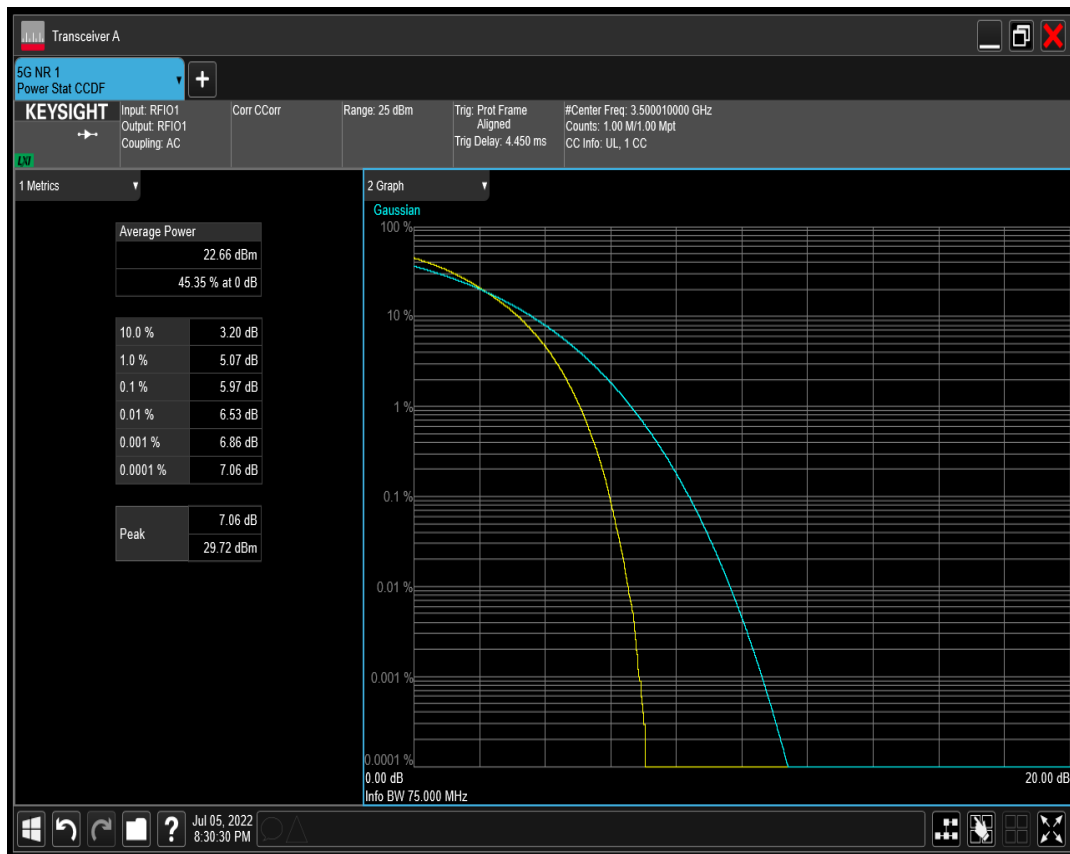
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=60MHz Channel=633334 RB=162@0



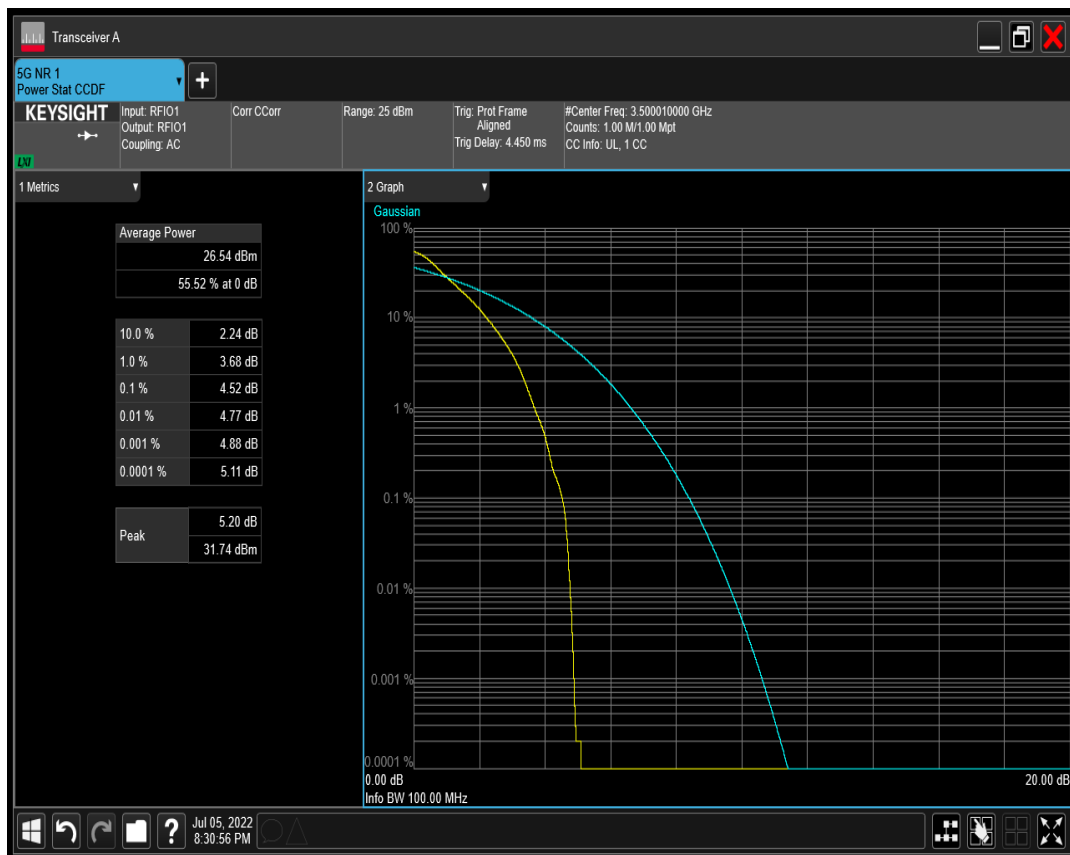
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=633334 RB=162@0



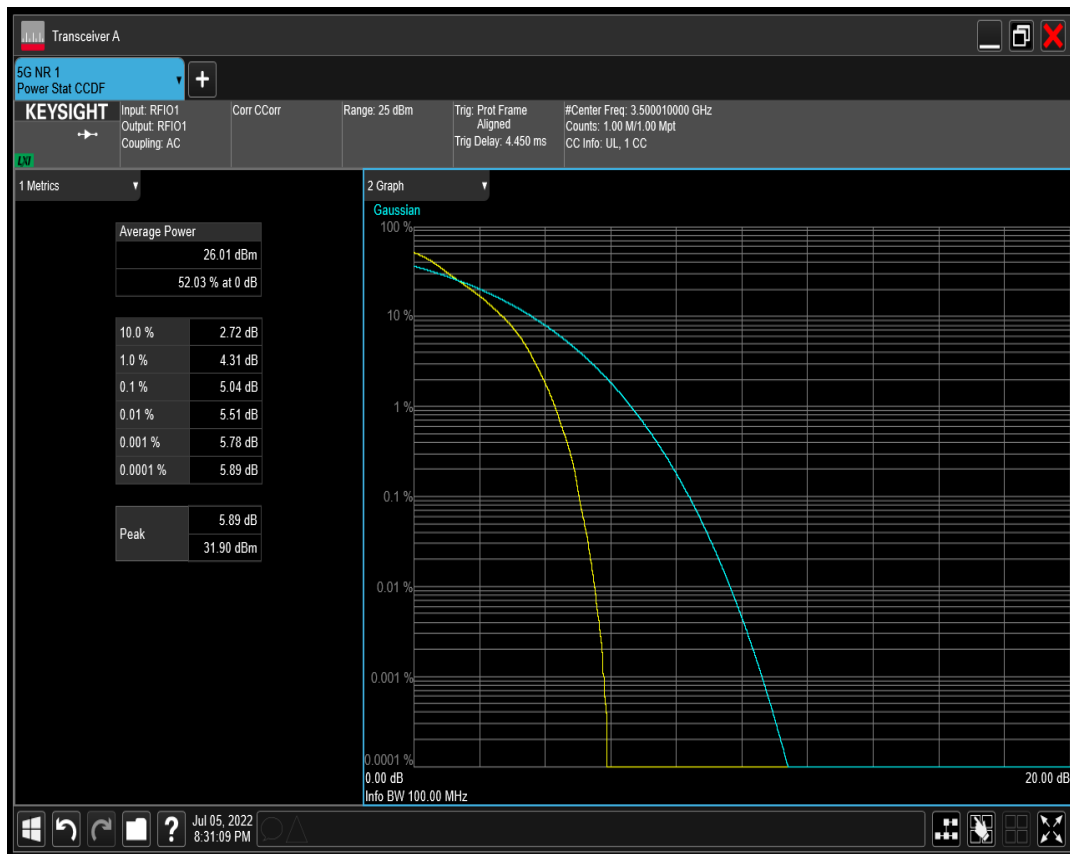
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=60MHz Channel=633334 RB=162@0



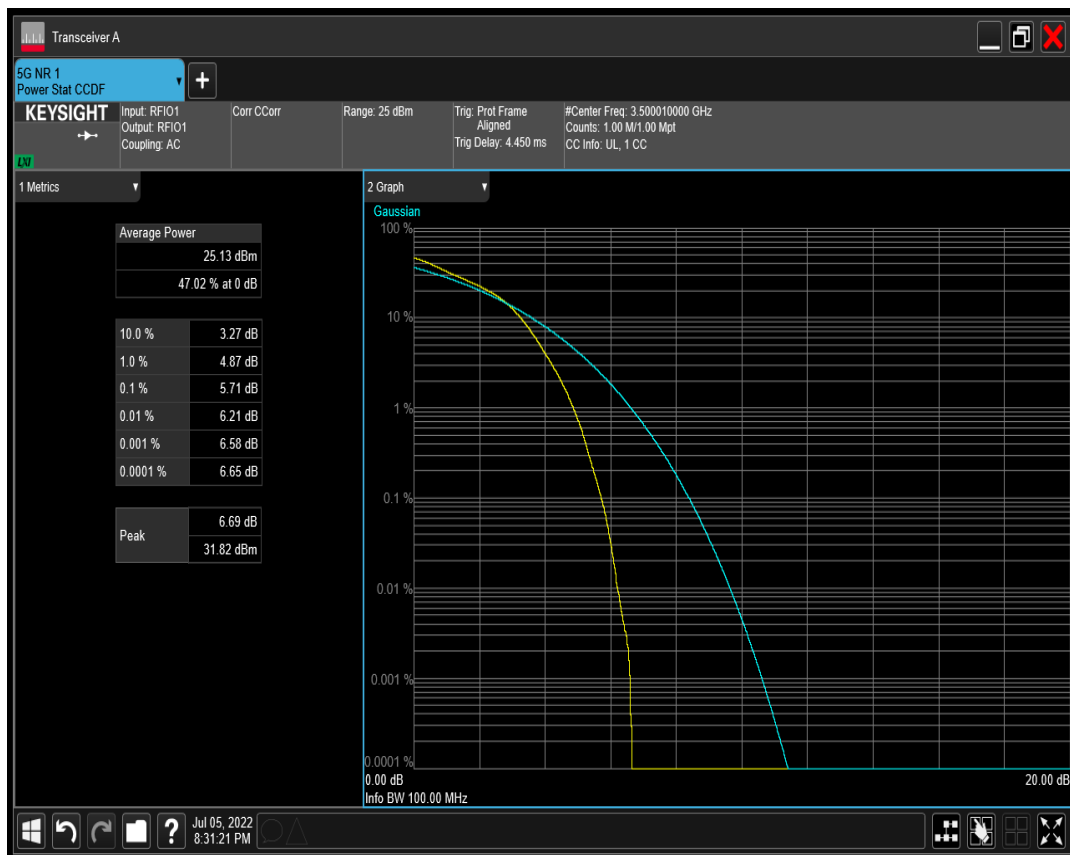
n77(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



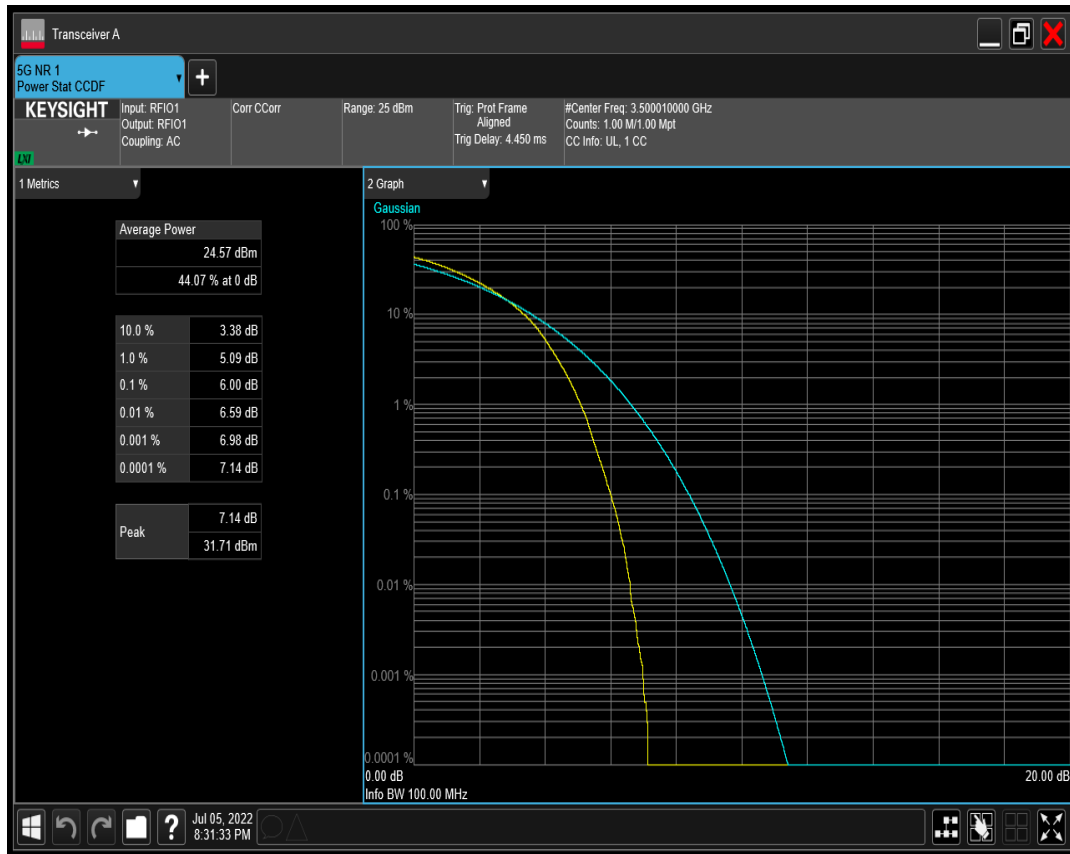
n77(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=633334 RB=216@0



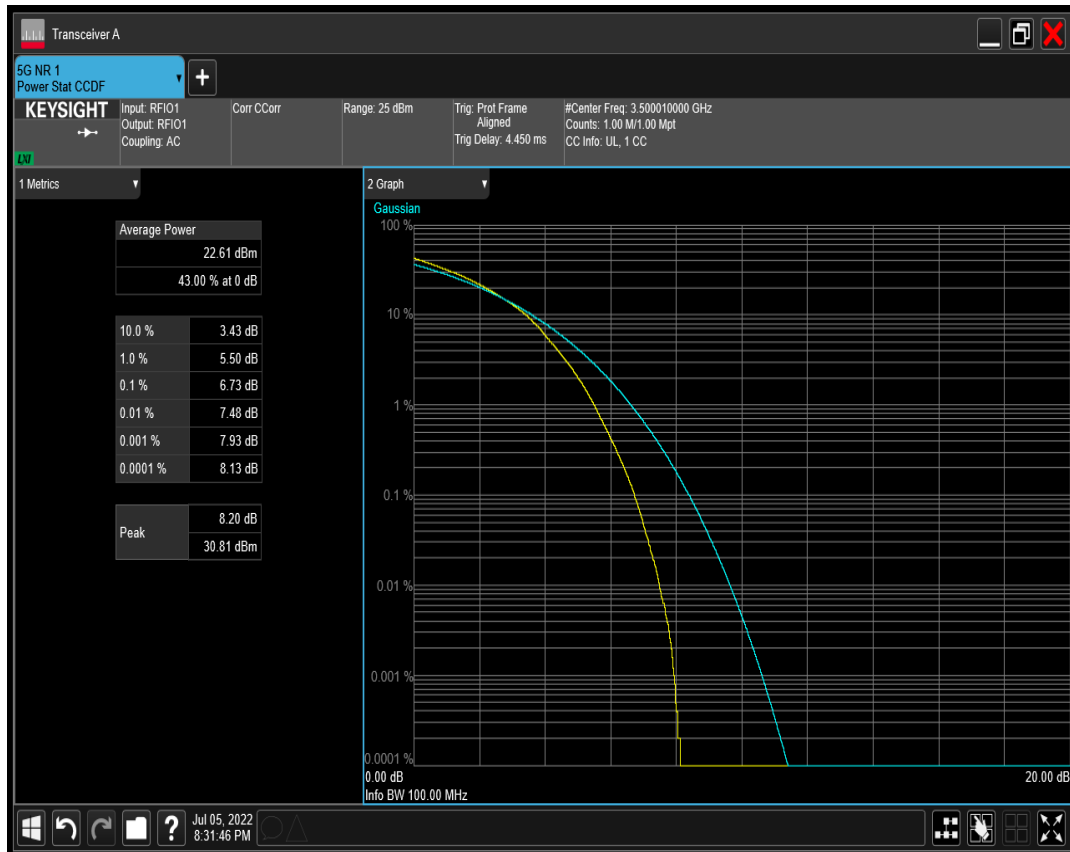
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=80MHz Channel=633334 RB=216@0



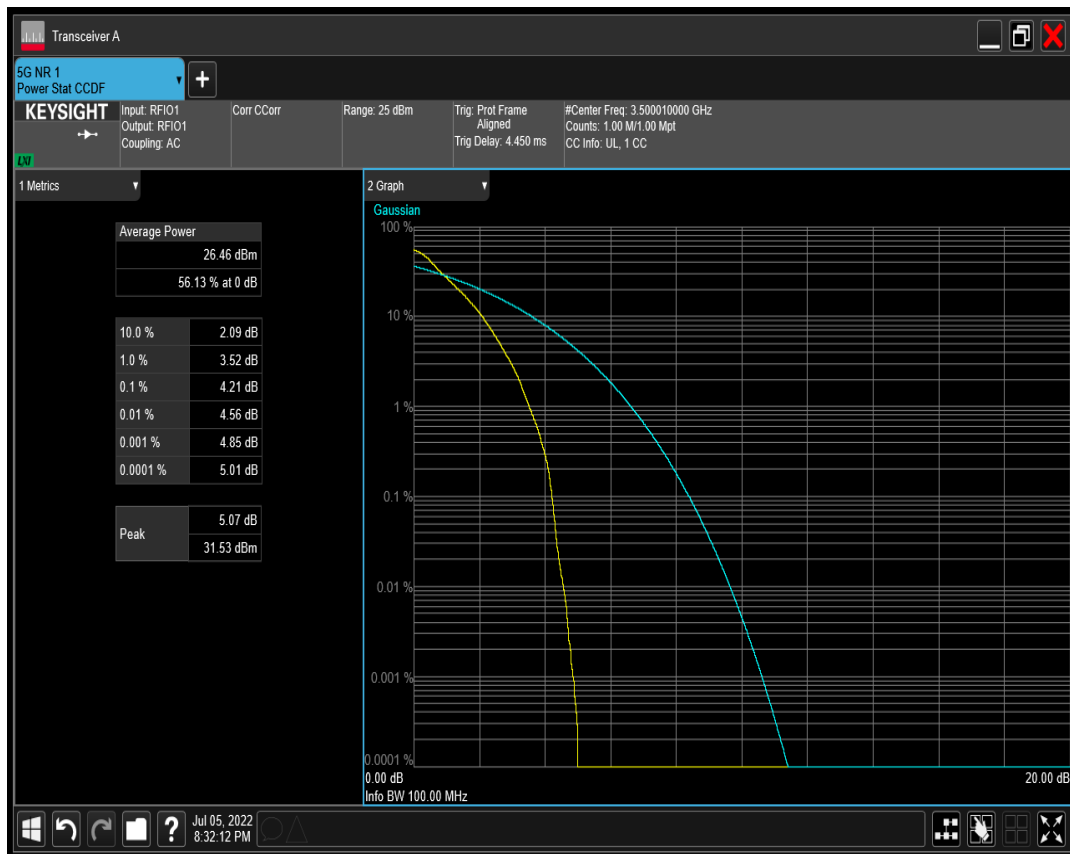
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=633334 RB=216@0



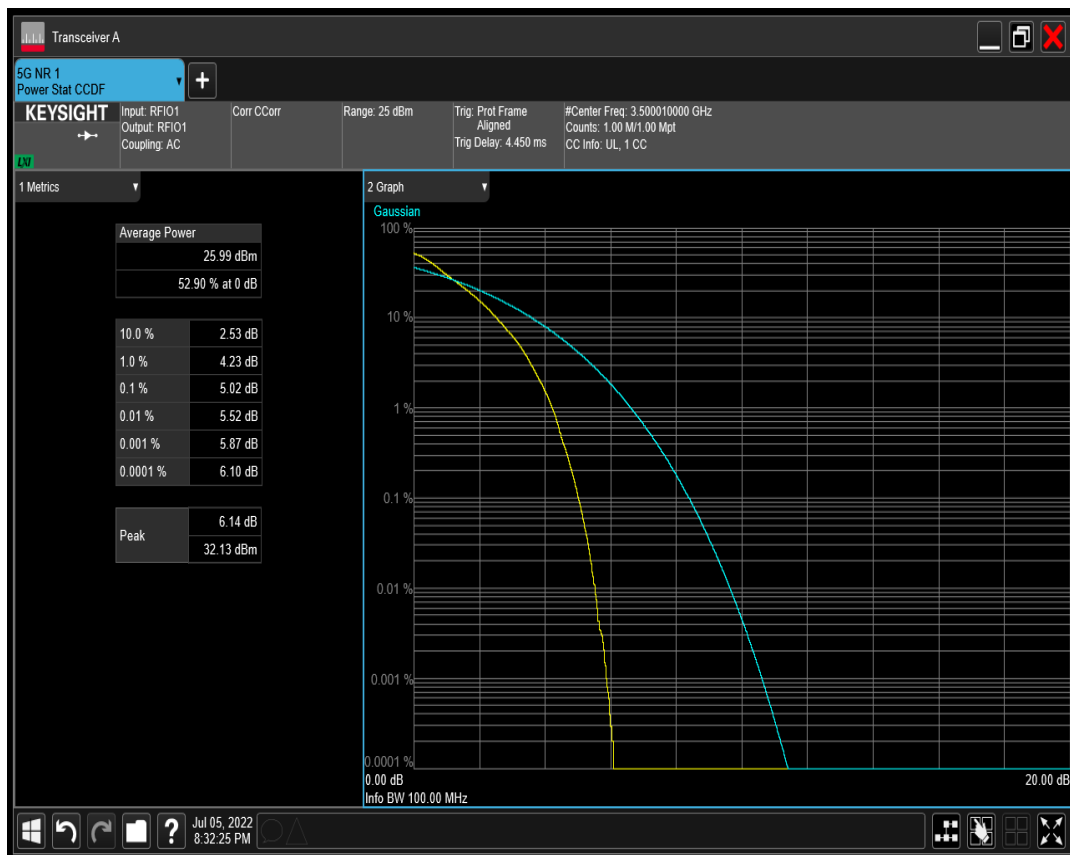
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=80MHz Channel=633334 RB=216@0



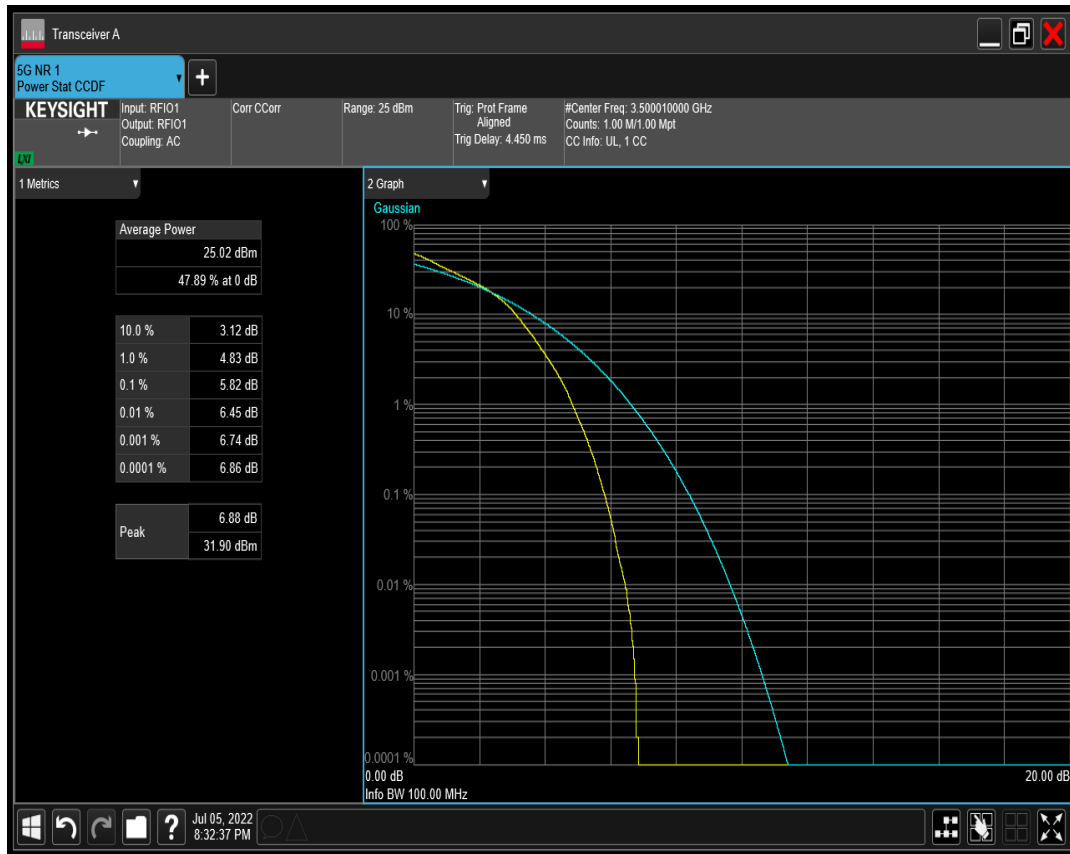
n77(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633334 RB=240@0



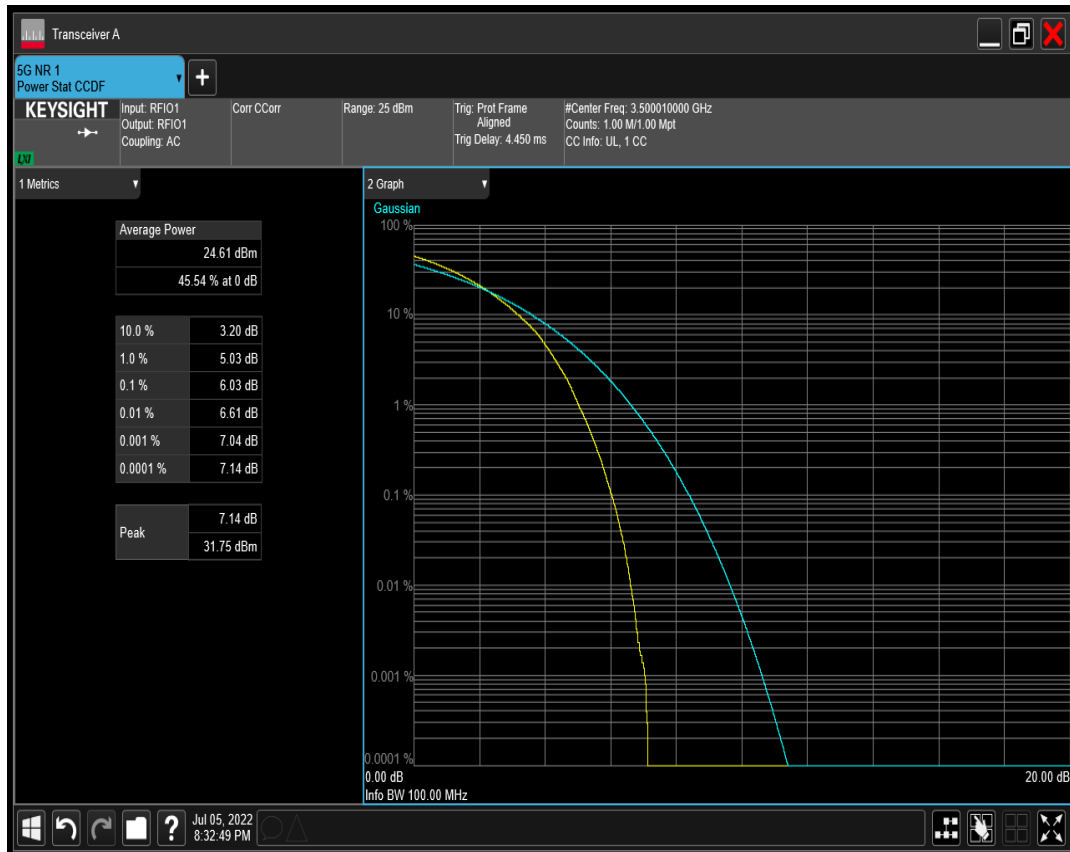
n77(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633334 RB=240@0



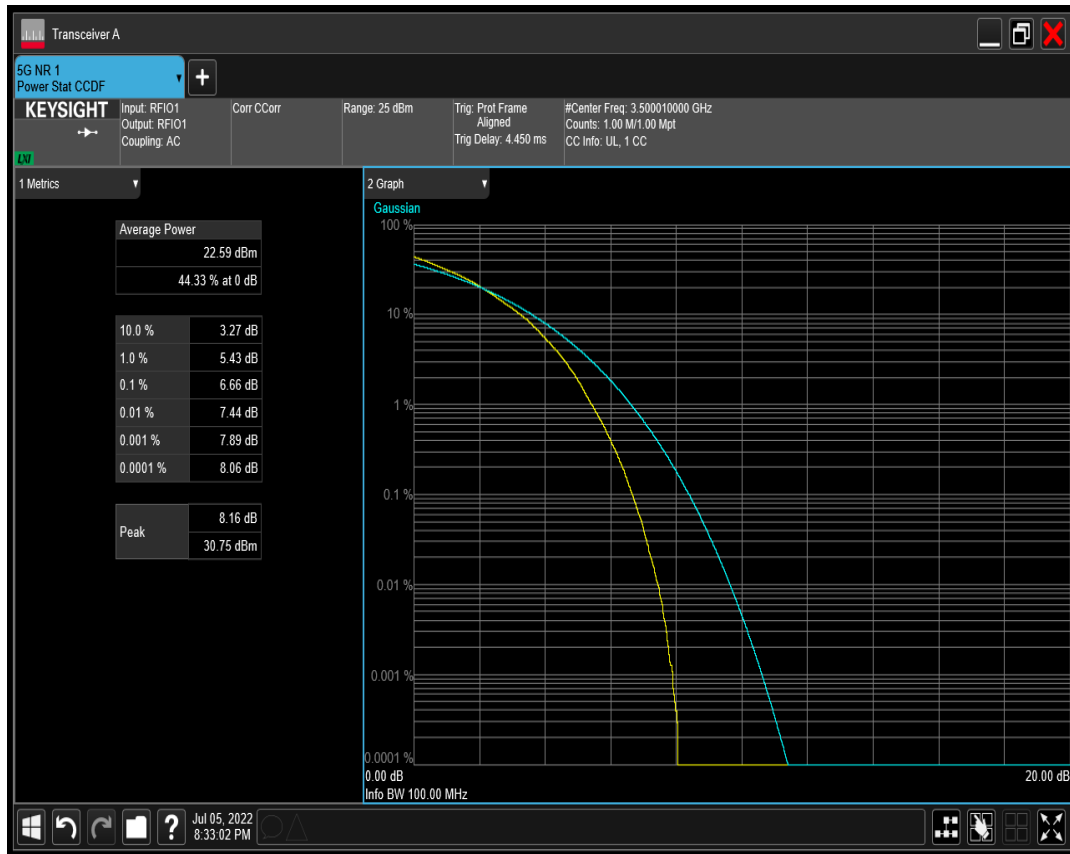
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=90MHz Channel=633334 RB=240@0



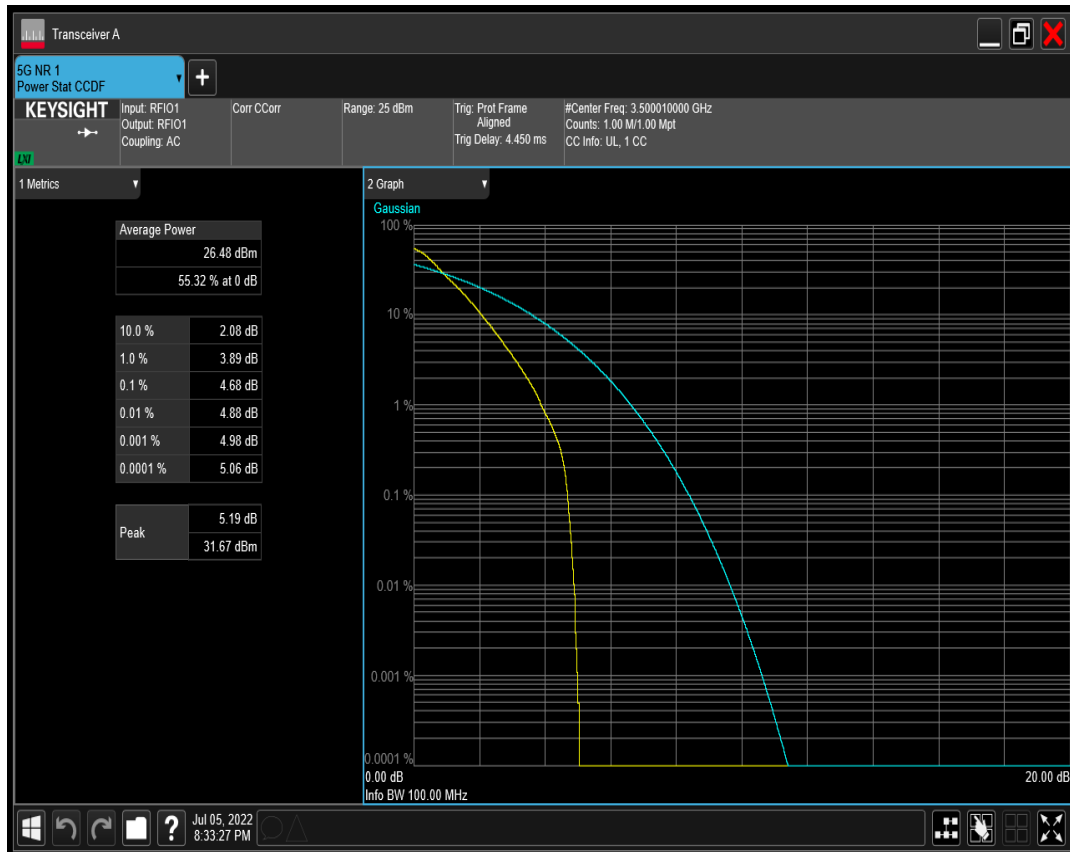
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633334 RB=240@0



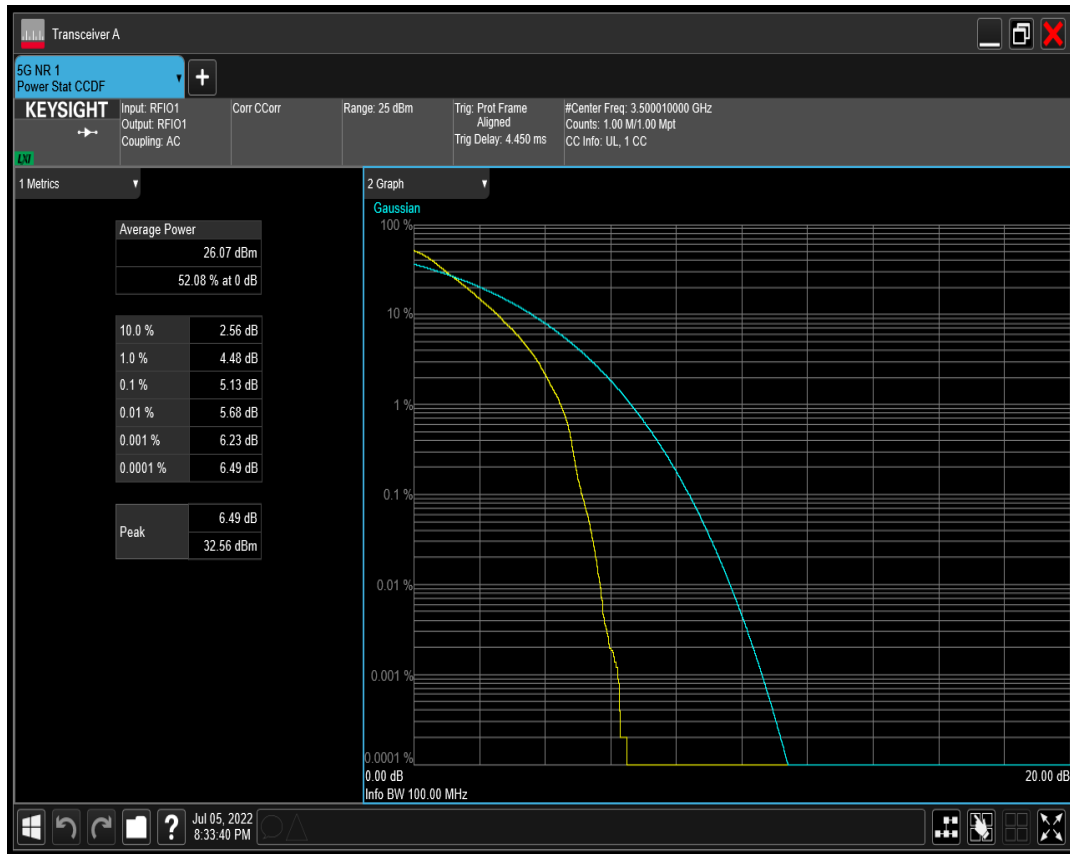
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=90MHz Channel=633334 RB=240@0



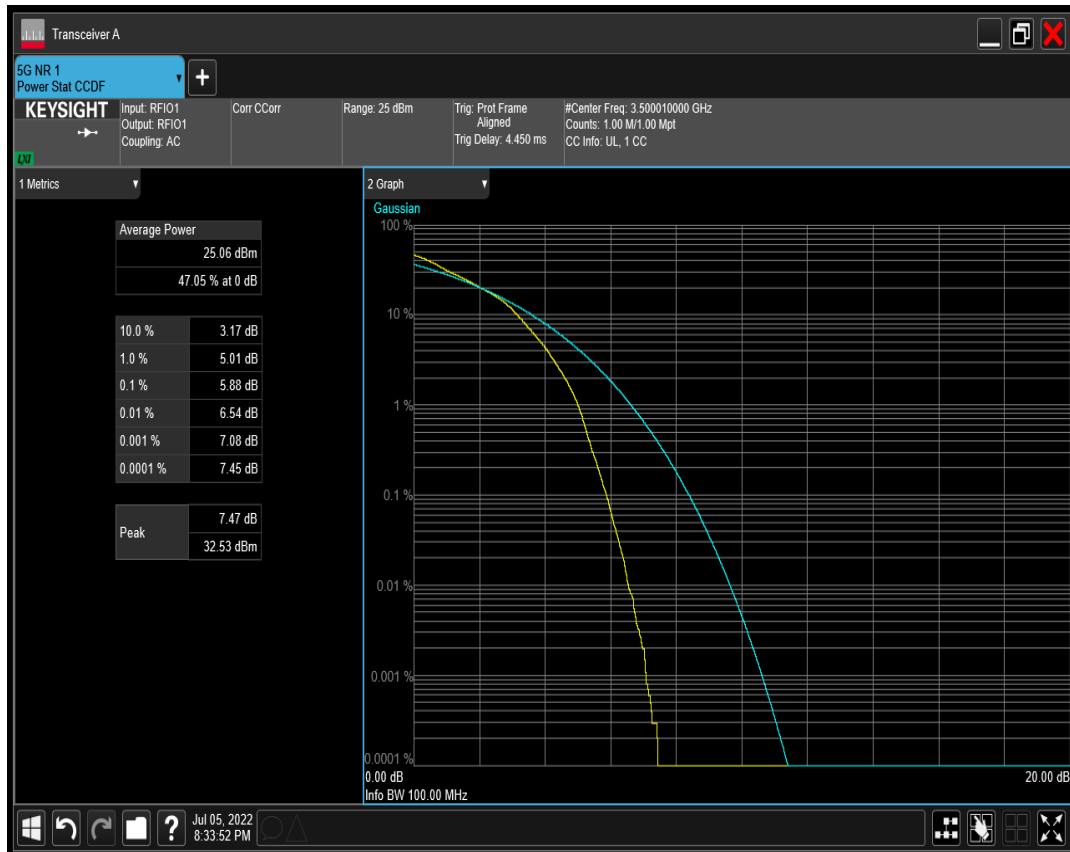
n77(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



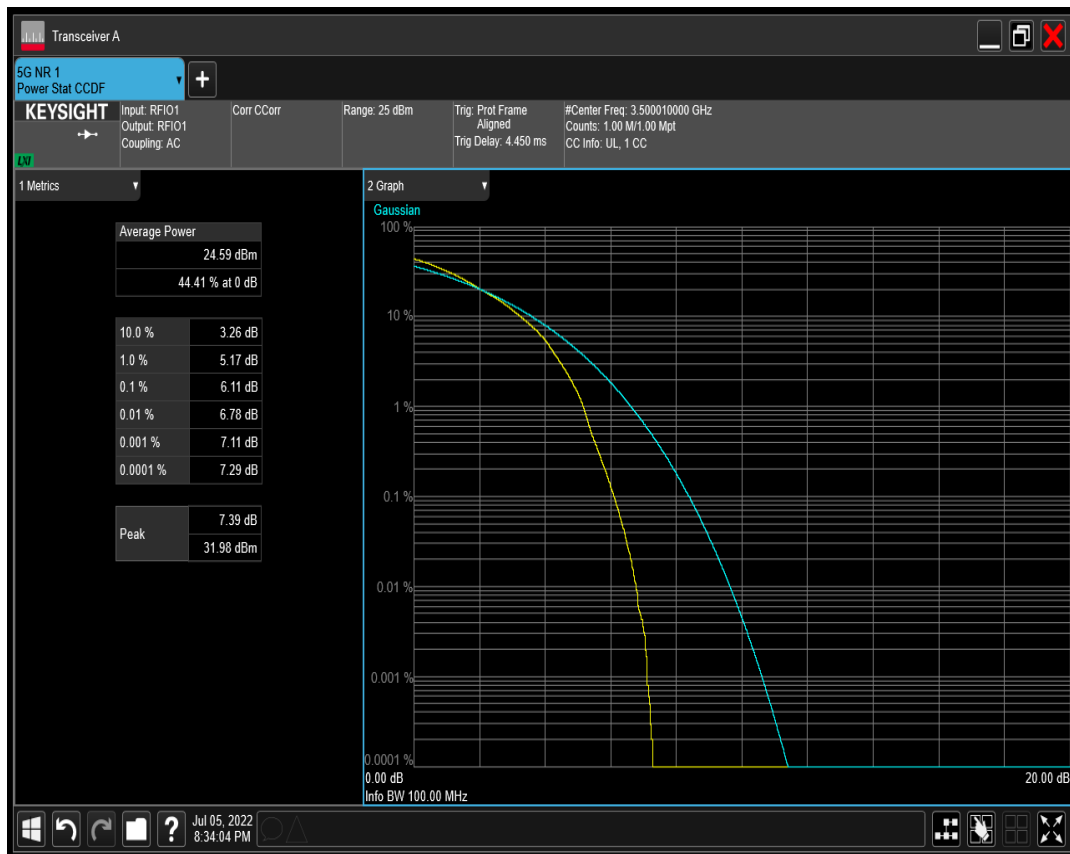
n77(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



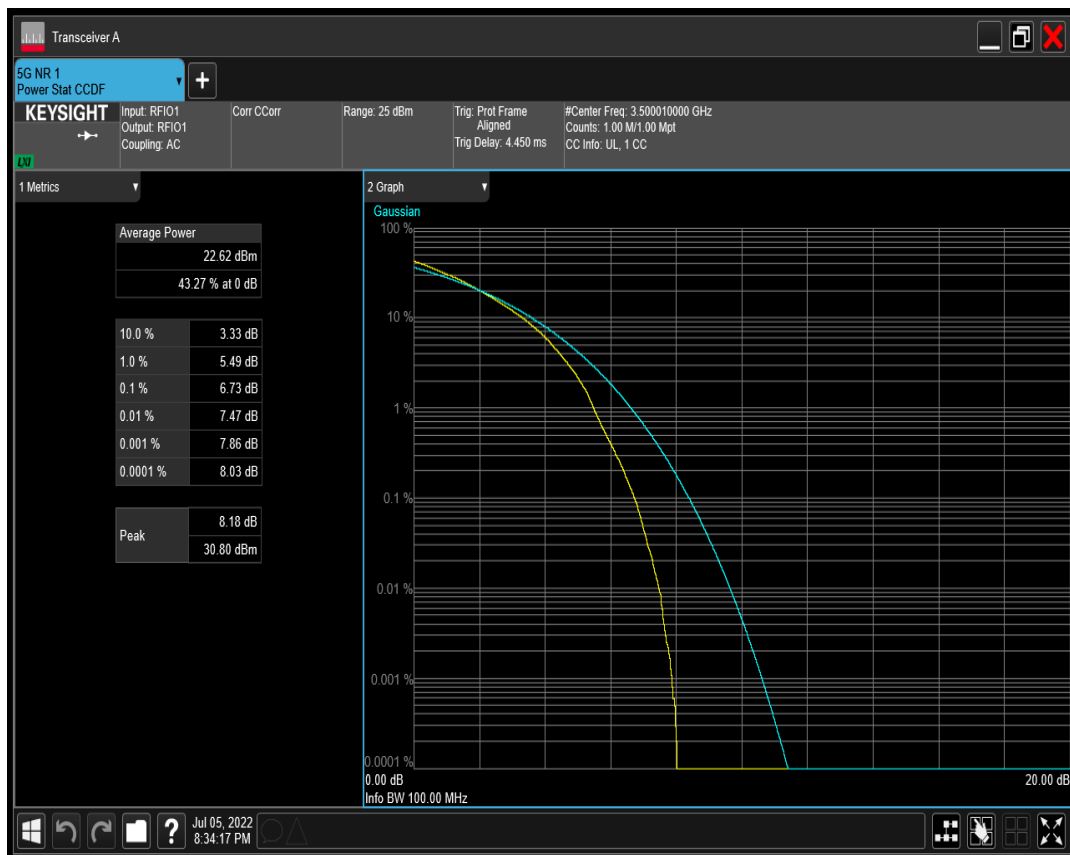
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=100MHz Channel=633334 RB=270@0



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



n77(3450-3550) SCS=30kHz DFT_QAM256 BW=100MHz Channel=633334 RB=270@0



4 Occupied bandwidth for NR FR1

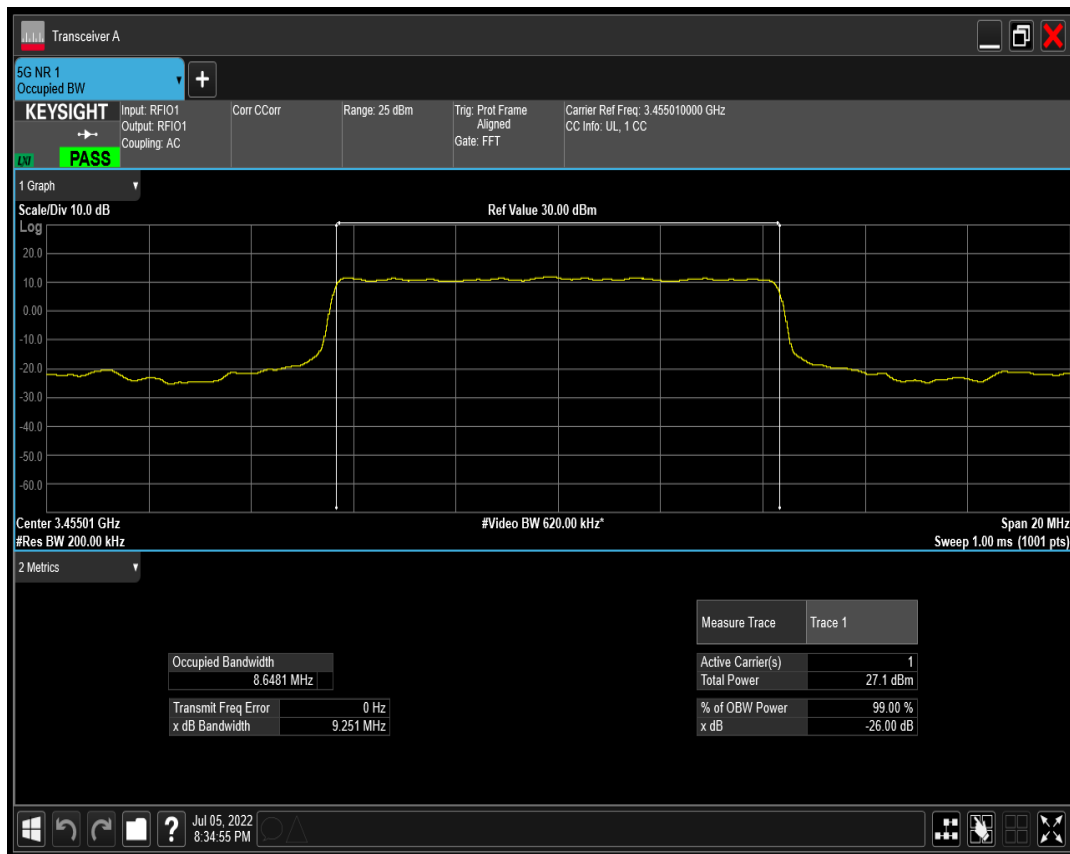
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3450-3550)	30	10	630334	24@0	DFT_BPSK	8.650	9.250	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	8.650	9.230	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM16	8.610	9.180	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM64	8.650	9.190	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM256	8.640	9.170	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	8.650	9.400	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	8.610	9.170	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	8.640	9.170	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	8.610	9.180	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	8.640	9.170	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	8.580	9.130	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	8.620	9.220	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	8.610	9.160	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	8.640	9.200	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM16	8.610	9.130	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM64	8.620	9.150	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM256	8.640	9.170	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	8.640	9.210	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	13.520	13.760	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	13.560	13.800	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM16	13.470	13.710	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM64	13.530	13.740	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM256	13.520	13.690	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	13.650	14.540	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	13.470	13.670	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	13.520	13.720	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	13.470	13.690	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	13.560	13.710	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	13.520	13.700	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	13.650	14.490	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	13.460	13.670	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	13.520	13.710	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM16	13.460	13.690	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM64	13.530	13.710	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM256	13.520	13.660	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	13.640	14.430	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	18.120	18.960	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	18.170	19.010	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM16	18.090	18.910	PASS

n77(3450-3550)	30	20	630668	50@0	DFT_QAM64	18.120	18.950	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM256	18.100	18.910	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	18.350	19.550	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	18.170	18.930	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	18.100	18.940	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	18.090	18.890	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	18.170	18.910	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	18.110	18.890	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	18.340	19.370	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	18.120	18.910	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	18.120	18.940	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM16	18.080	18.880	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM64	18.110	18.900	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM256	18.110	18.900	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	18.330	19.340	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_BPSK	27.660	28.570	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QPSK	27.750	28.580	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM16	27.630	28.510	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM64	27.760	28.490	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM256	27.640	28.440	PASS
n77(3450-3550)	30	30	631000	78@0	CP_QPSK	28.020	29.790	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	27.630	28.450	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	27.730	28.450	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	27.650	28.450	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	27.760	28.460	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	27.620	28.390	PASS
n77(3450-3550)	30	30	633334	78@0	CP_QPSK	27.990	29.600	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_BPSK	27.540	28.420	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QPSK	27.620	28.420	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM16	27.630	28.420	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM64	27.650	28.430	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM256	27.610	28.420	PASS
n77(3450-3550)	30	30	635666	78@0	CP_QPSK	27.980	29.560	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	37.620	38.000	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	37.510	38.010	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM16	37.620	37.940	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM64	37.660	37.960	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM256	37.500	37.860	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	38.110	40.390	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	37.680	37.930	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	37.510	37.880	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	37.620	37.870	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	37.650	37.890	PASS

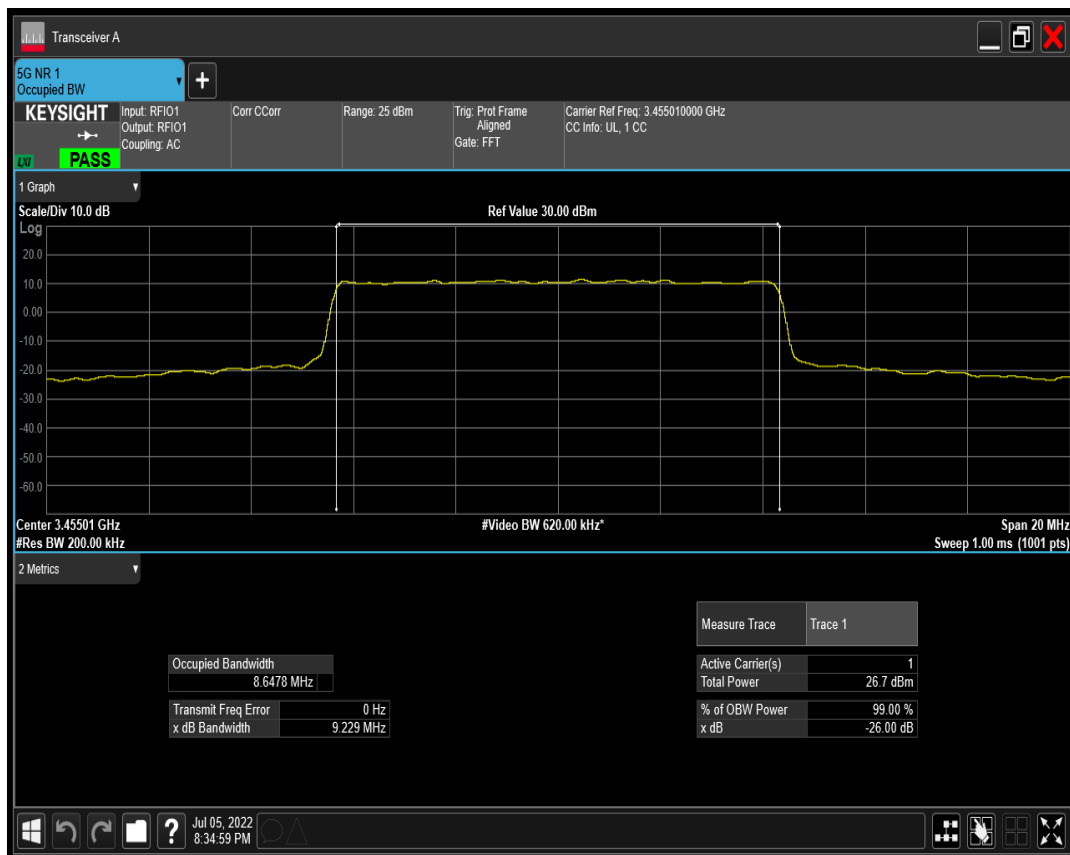
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	37.500	37.840	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	38.090	40.160	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	37.600	37.880	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	37.480	37.870	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM16	37.470	37.830	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM64	37.630	37.870	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM256	37.470	37.830	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	37.980	40.110	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	47.200	48.530	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	47.220	48.600	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM16	47.230	48.490	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM64	47.090	48.440	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM256	47.100	48.330	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	47.800	50.560	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	47.080	48.410	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	47.210	48.490	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	47.080	48.380	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	47.070	48.390	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	47.210	48.330	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	47.690	50.390	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	47.080	48.380	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	47.080	48.410	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM16	47.200	48.400	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM64	47.050	48.350	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM256	47.210	48.330	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	47.670	50.340	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	57.930	61.090	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	57.930	61.140	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM16	57.950	61.080	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM64	57.950	61.020	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM256	57.940	61.020	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	58.110	61.260	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	57.940	61.060	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	57.950	61.080	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	57.950	61.040	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	58.080	61.020	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	57.950	60.960	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	58.100	61.190	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	57.940	61.010	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	58.080	61.060	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM16	58.080	61.040	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM64	58.100	61.010	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM256	58.080	60.990	PASS

n77(3450-3550)	30	60	634666	162@0	CP_QPSK	58.120	61.150	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	77.530	81.550	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	77.520	81.580	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM16	77.560	81.530	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM64	77.530	81.440	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM256	77.480	81.330	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	77.890	82.090	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	77.490	81.490	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	77.520	81.540	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	77.480	81.430	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	77.500	81.400	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	77.460	81.330	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	77.860	82.010	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	77.450	81.480	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	77.270	81.430	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM16	77.500	81.430	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM64	77.480	81.370	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM256	77.260	81.320	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	77.830	81.930	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_BPSK	86.820	90.810	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QPSK	86.790	90.850	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM16	86.820	90.710	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM64	86.840	90.650	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM256	86.790	90.500	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	87.930	92.740	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	86.800	90.760	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	86.760	90.760	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	86.800	90.650	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	86.820	90.650	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	86.770	90.490	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	87.910	92.690	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_BPSK	86.780	90.730	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QPSK	86.560	90.710	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM16	86.780	90.630	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM64	86.790	90.620	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM256	86.780	90.500	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	87.890	92.660	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	96.970	101.930	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	96.980	101.950	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	96.930	101.780	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	96.970	101.740	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	96.940	101.620	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	97.780	103.110	PASS

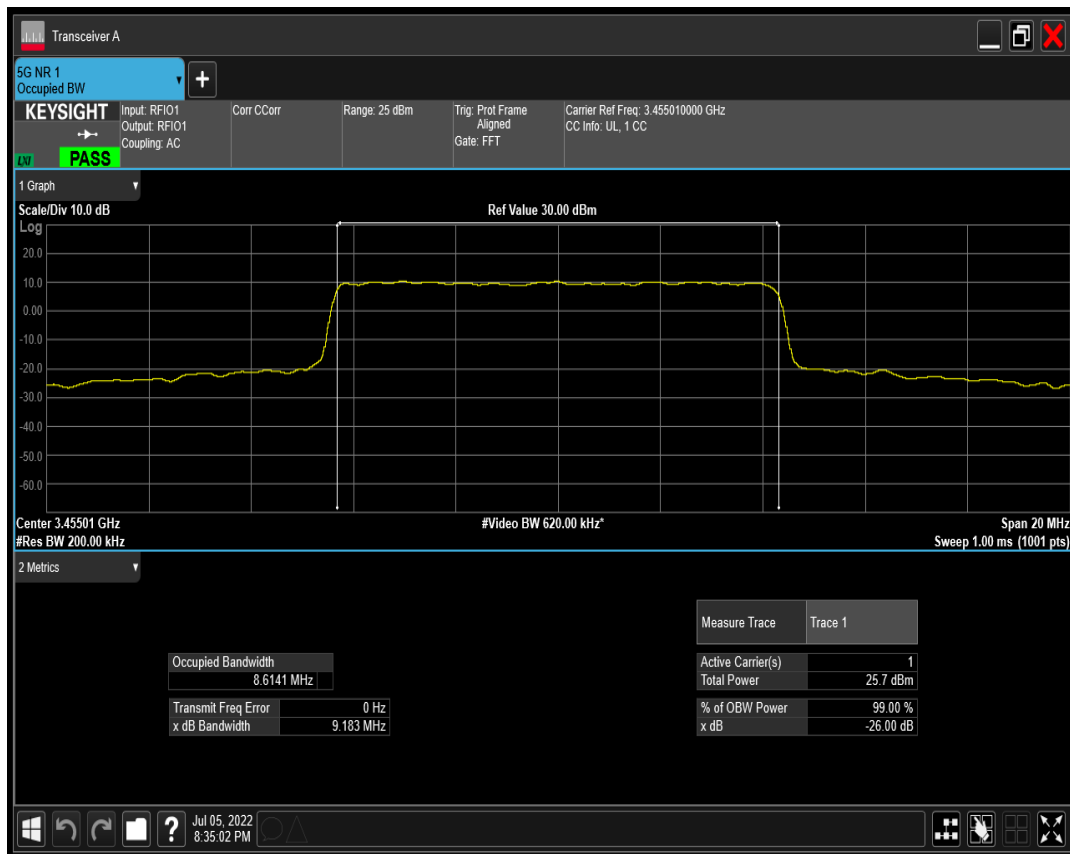
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=630334 RB=24@0



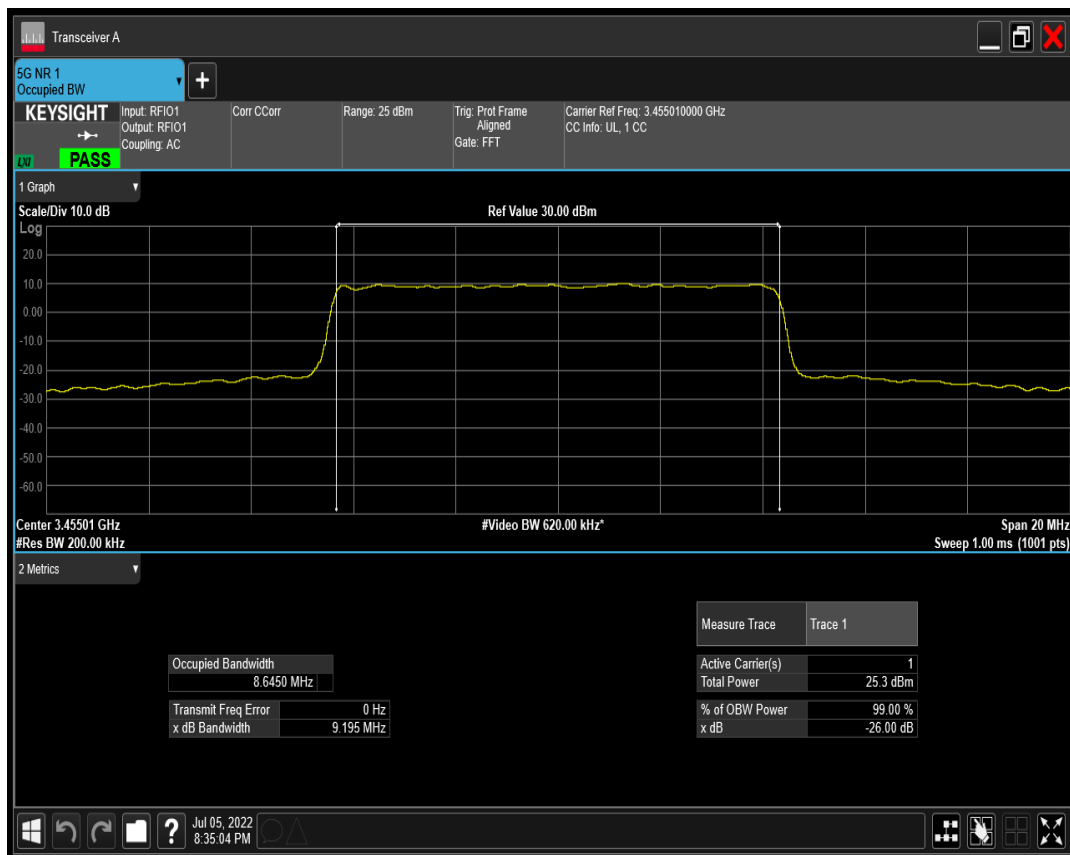
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=630334 RB=24@0



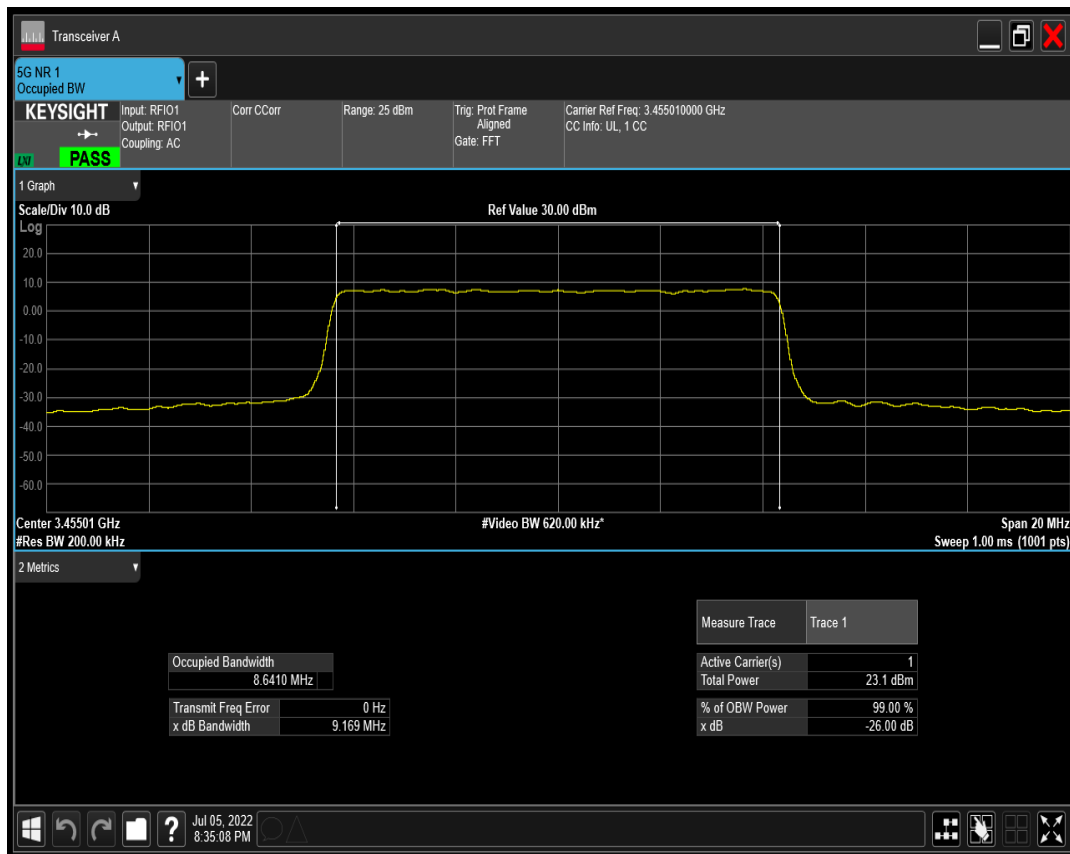
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=630334 RB=24@0



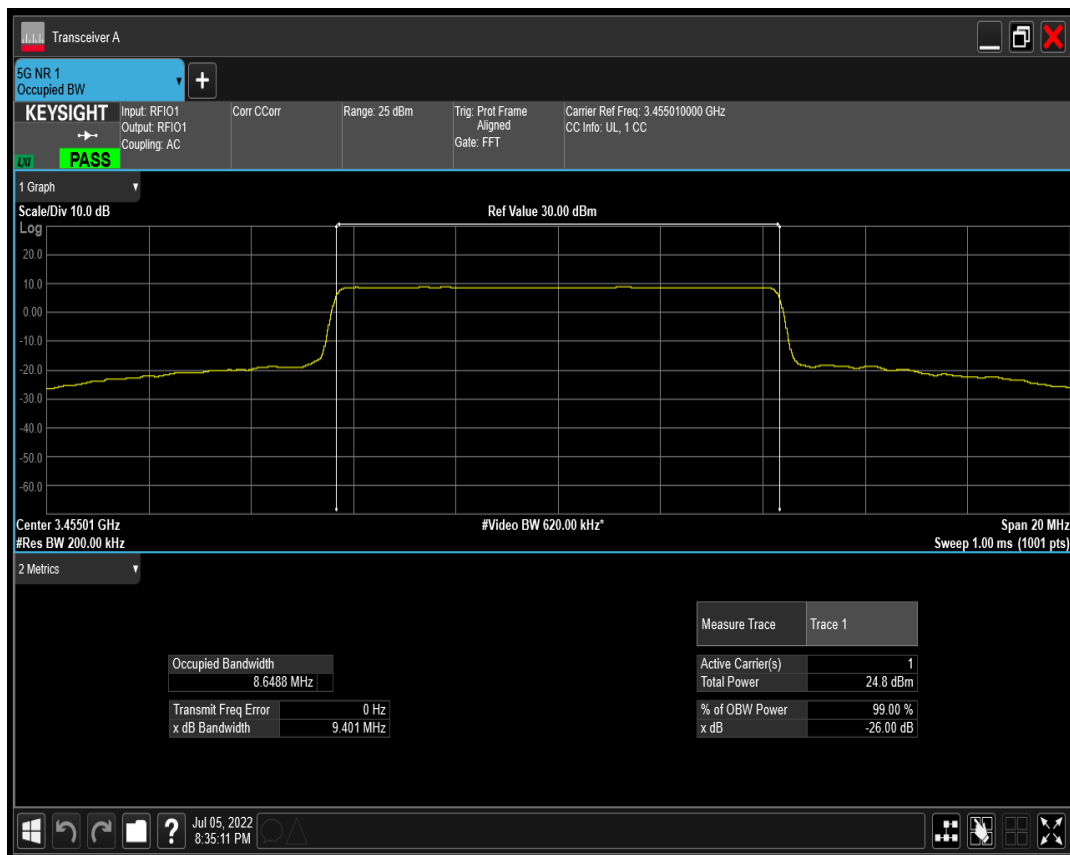
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=630334 RB=24@0



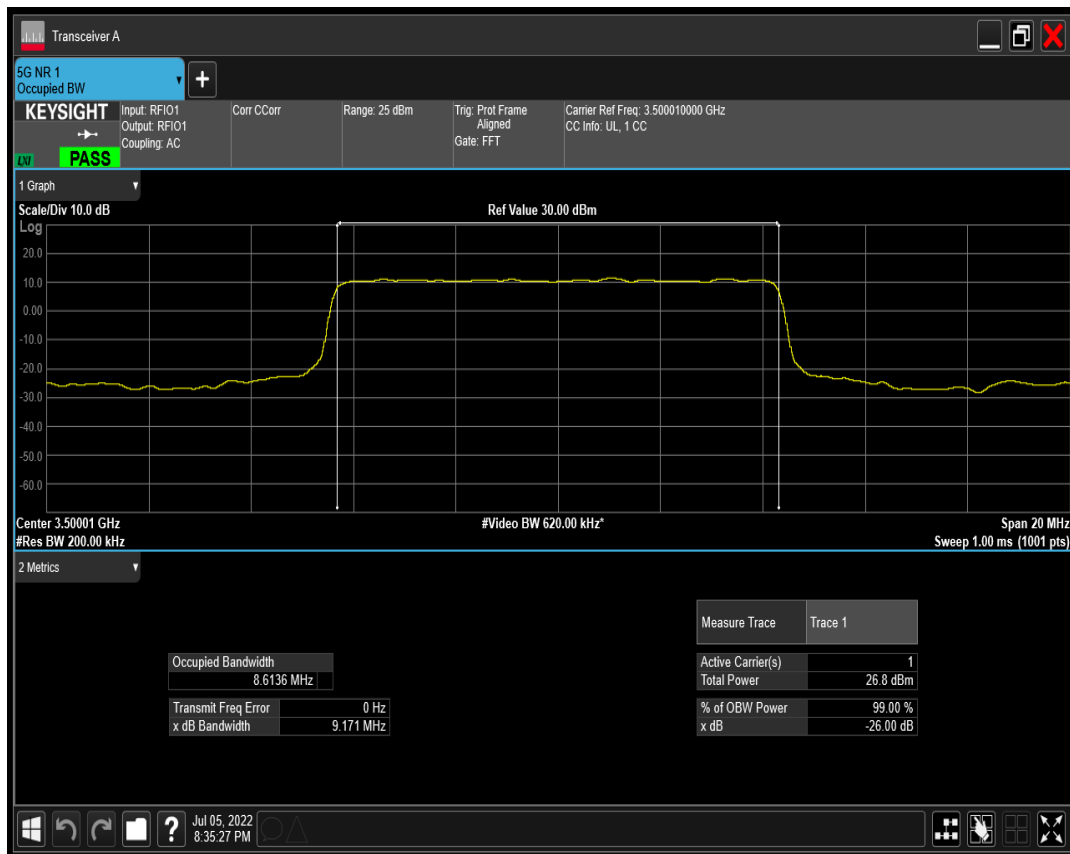
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=630334 RB=24@0



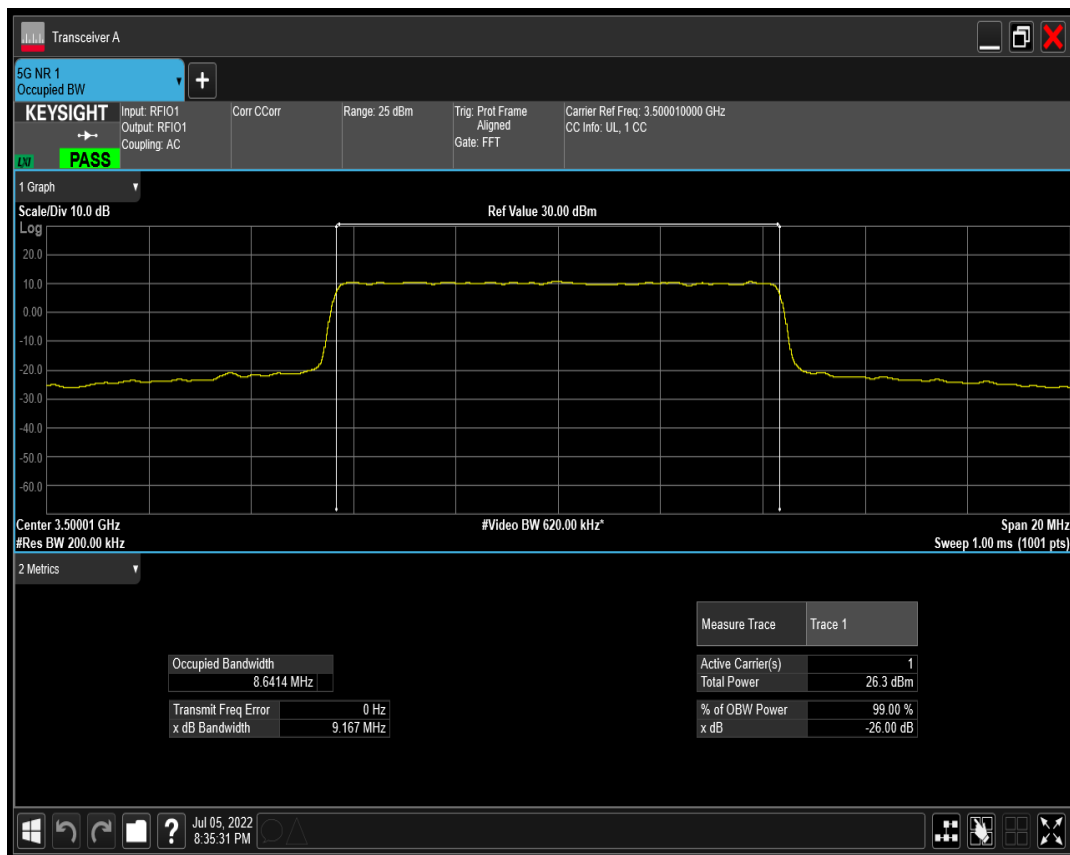
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=630334 RB=24@0



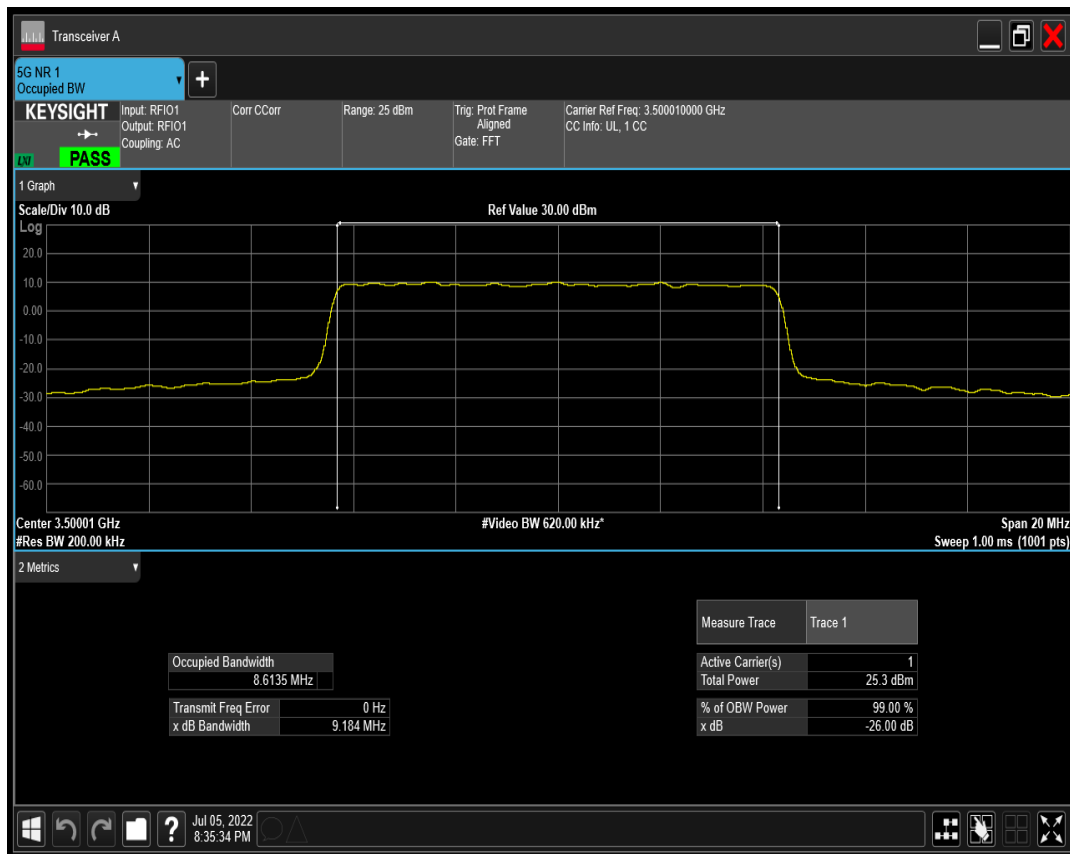
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



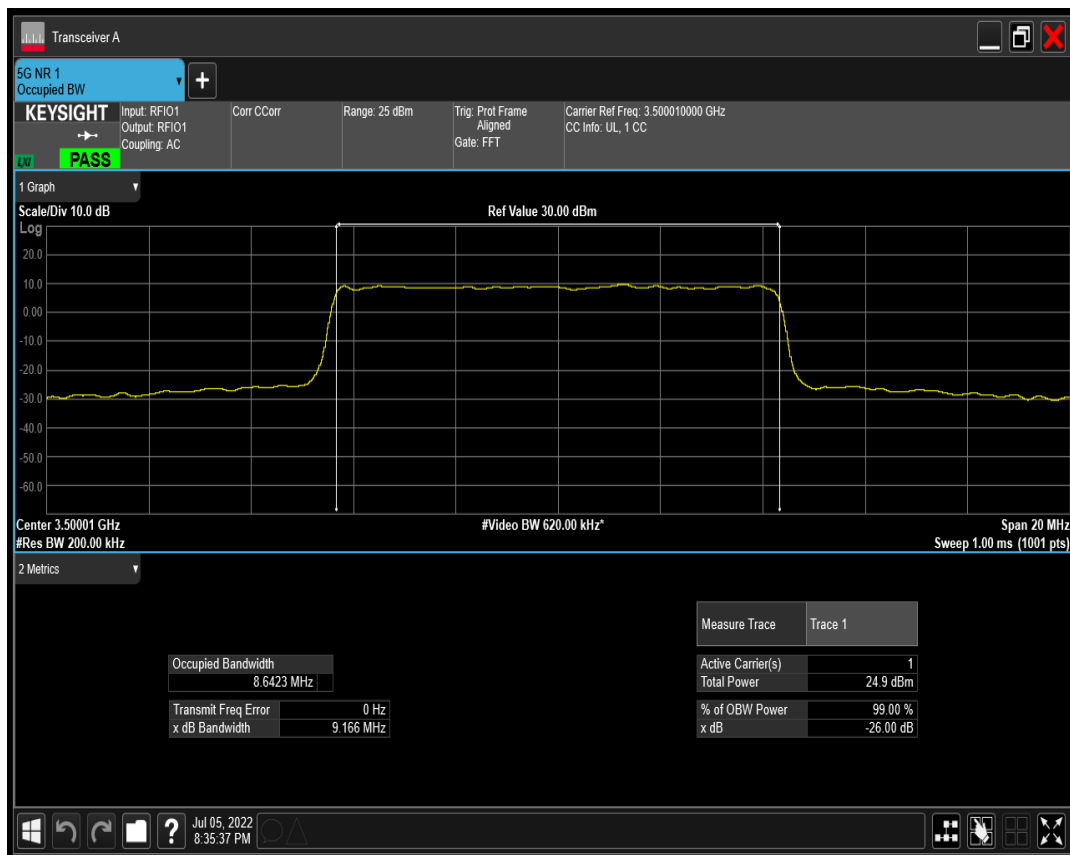
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



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



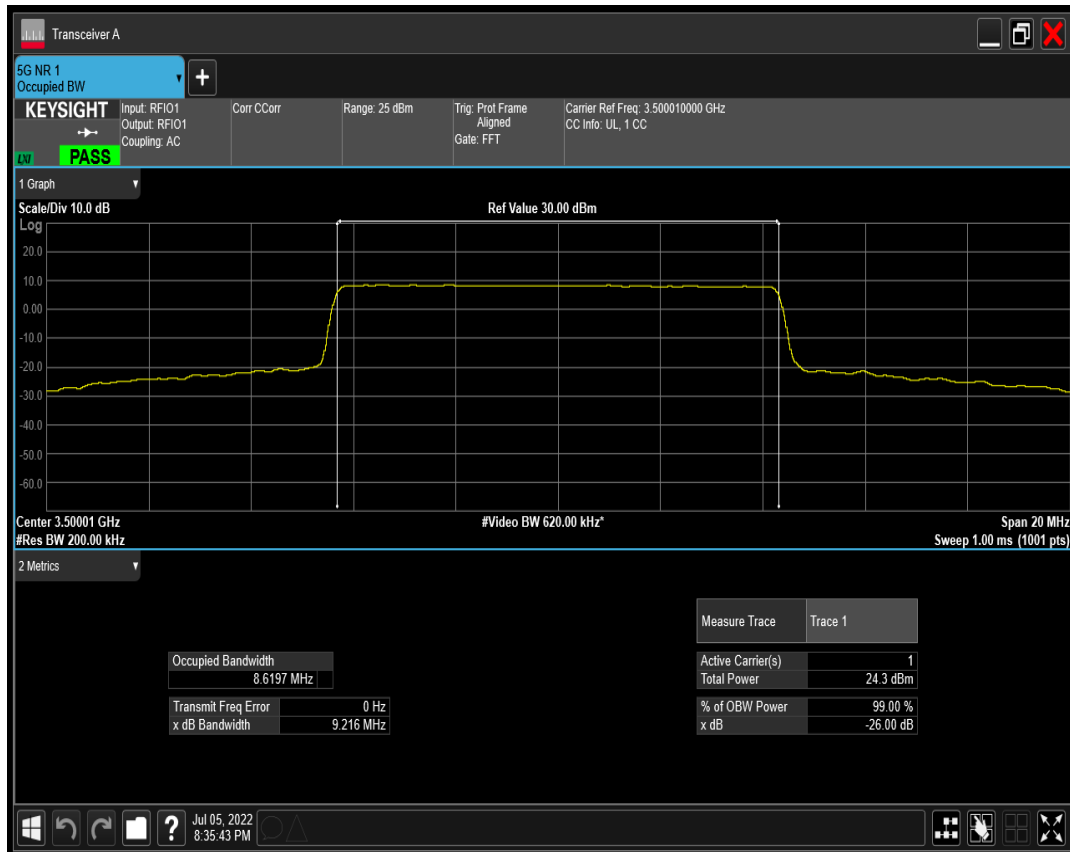
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=633334 RB=24@0



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



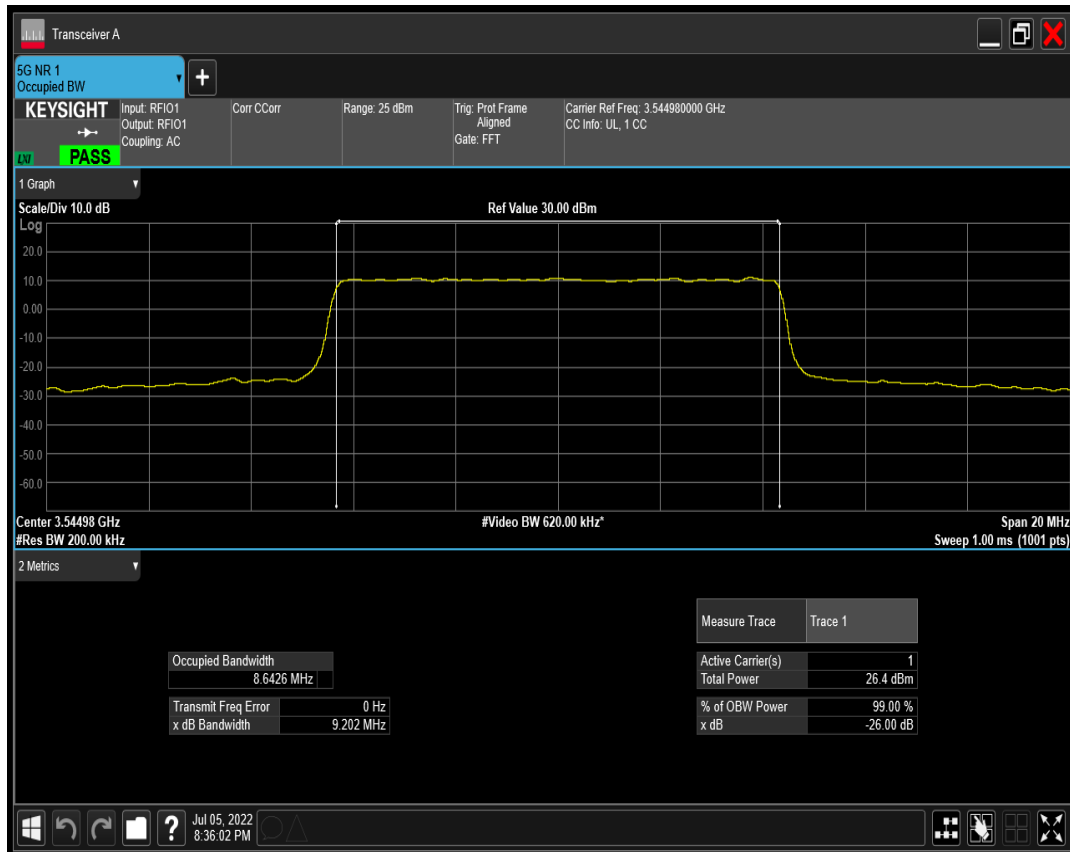
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=633334 RB=24@0



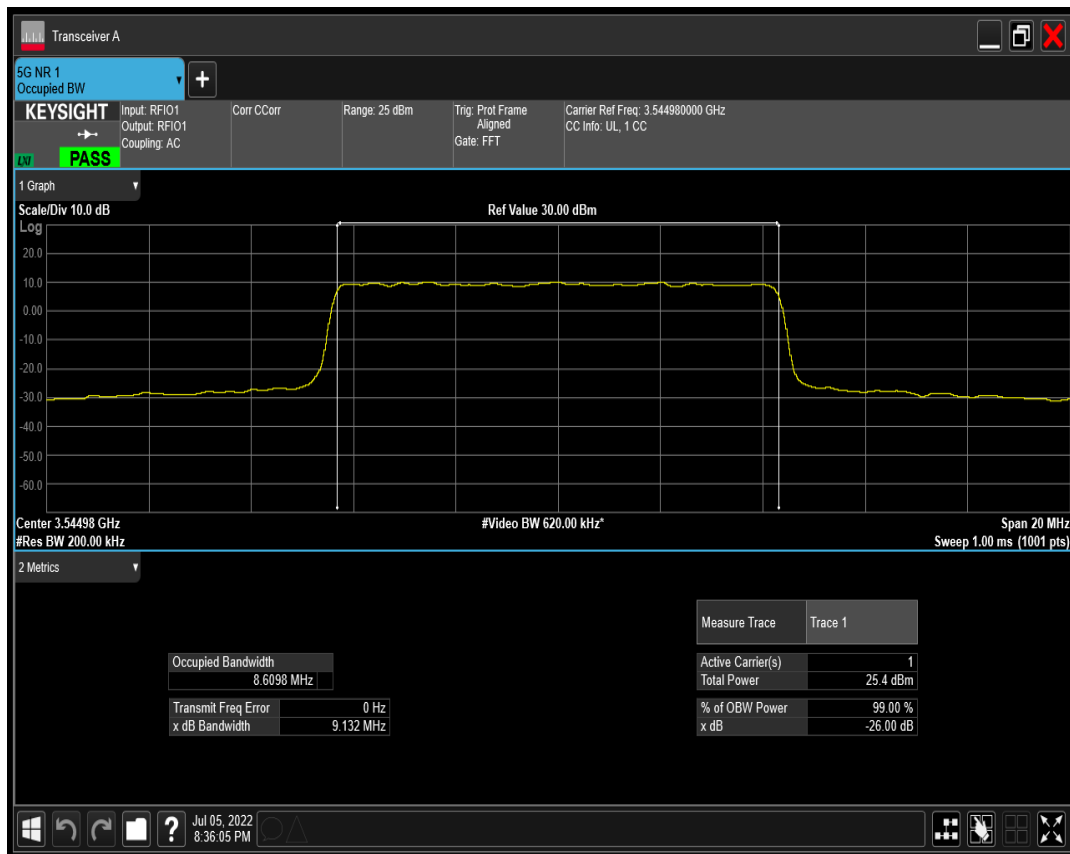
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=636332 RB=24@0



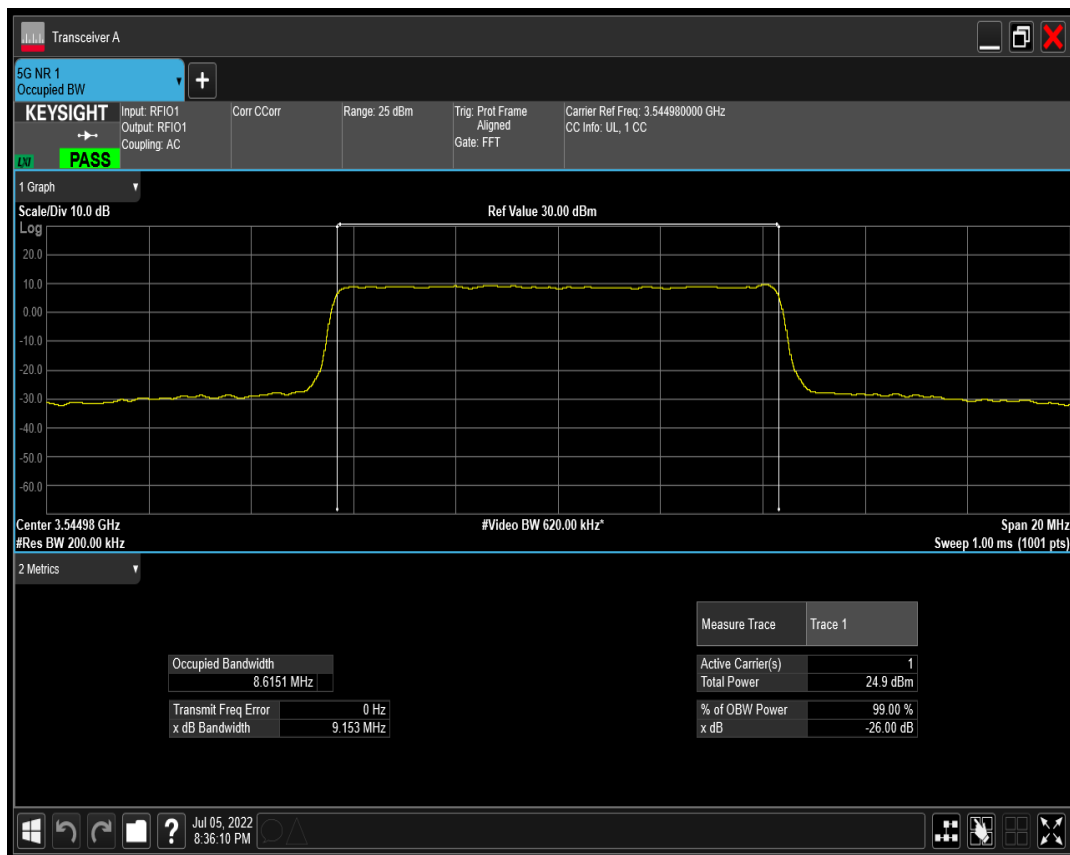
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=636332 RB=24@0



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



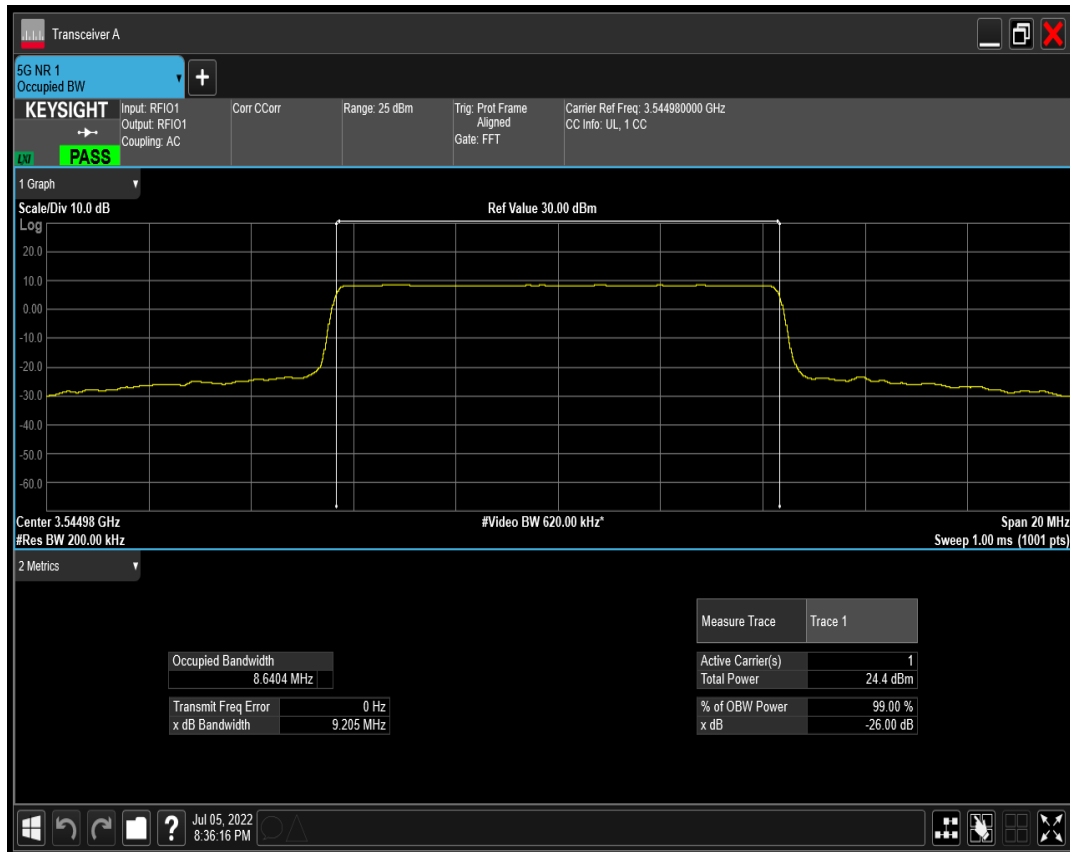
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=636332 RB=24@0



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



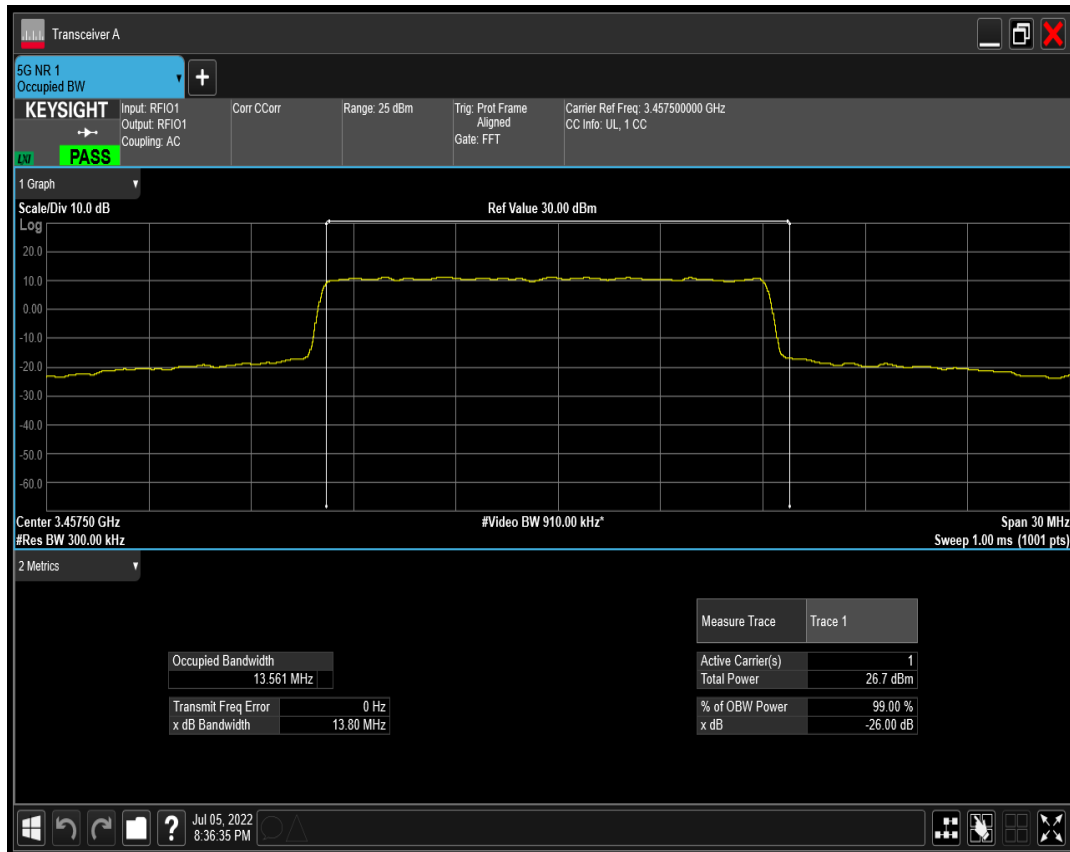
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n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=630500 RB=36@0



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



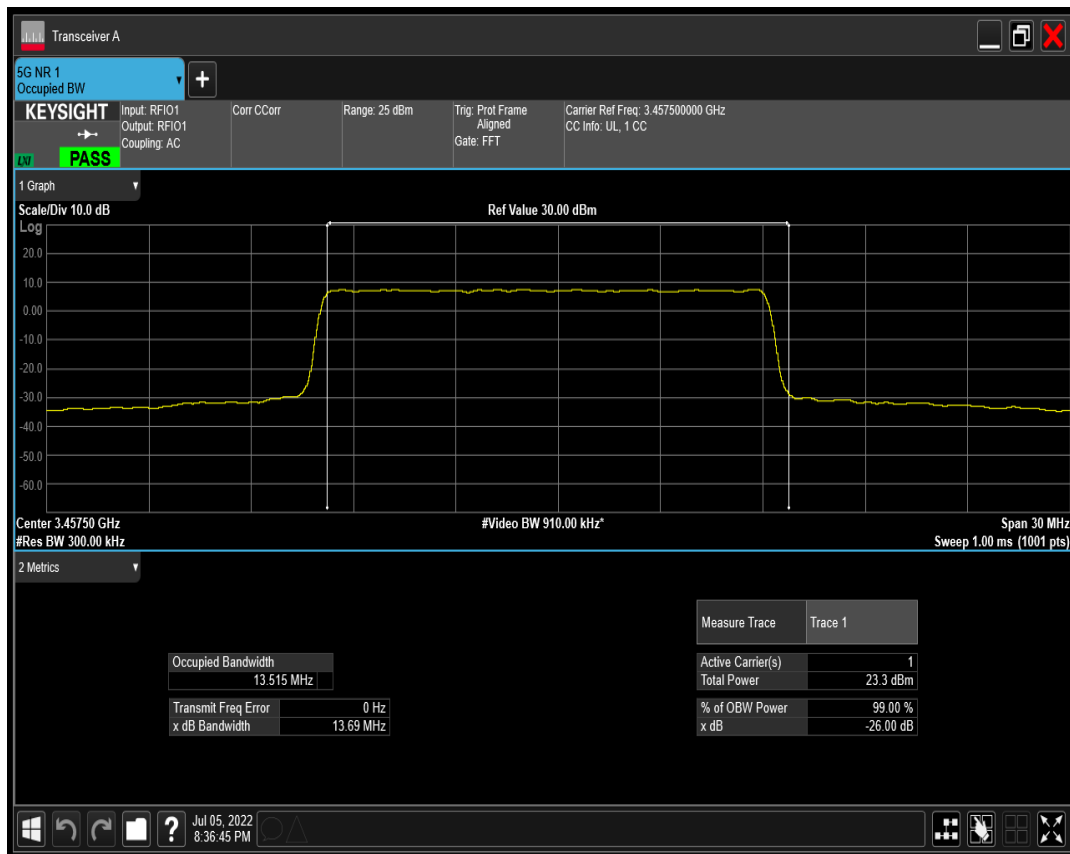
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=630500 RB=36@0



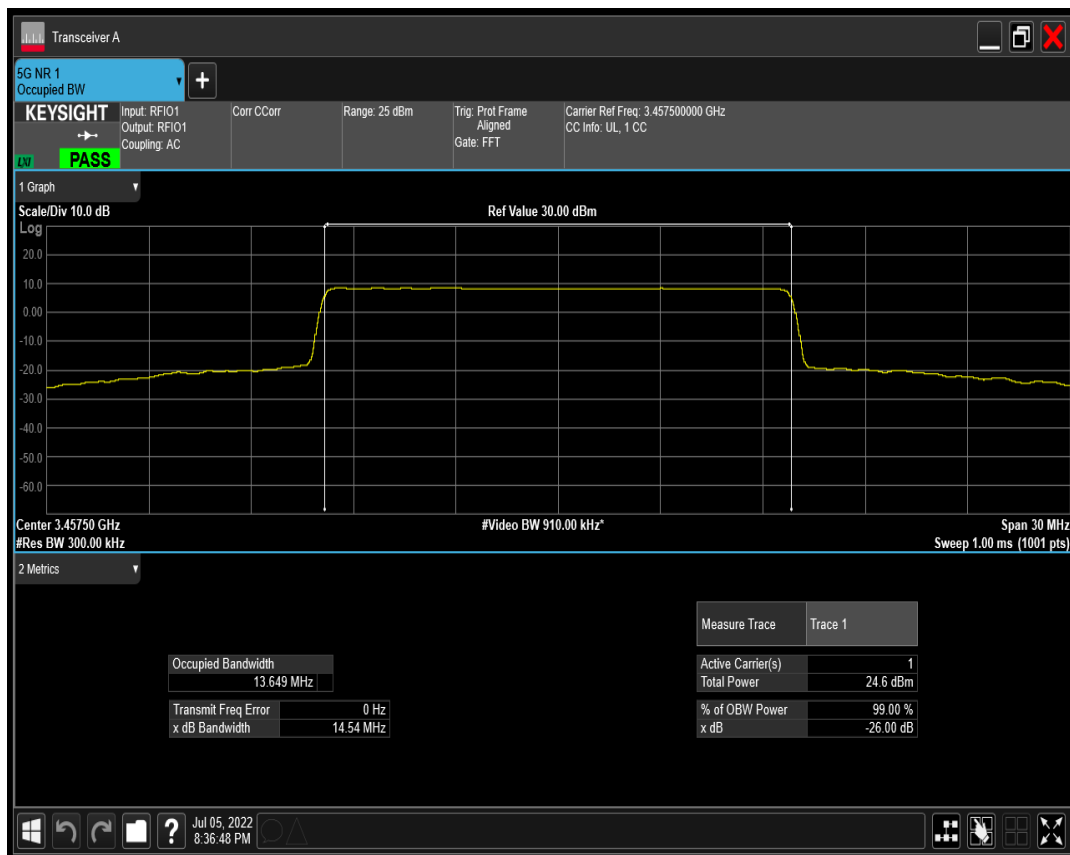
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=630500 RB=36@0



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



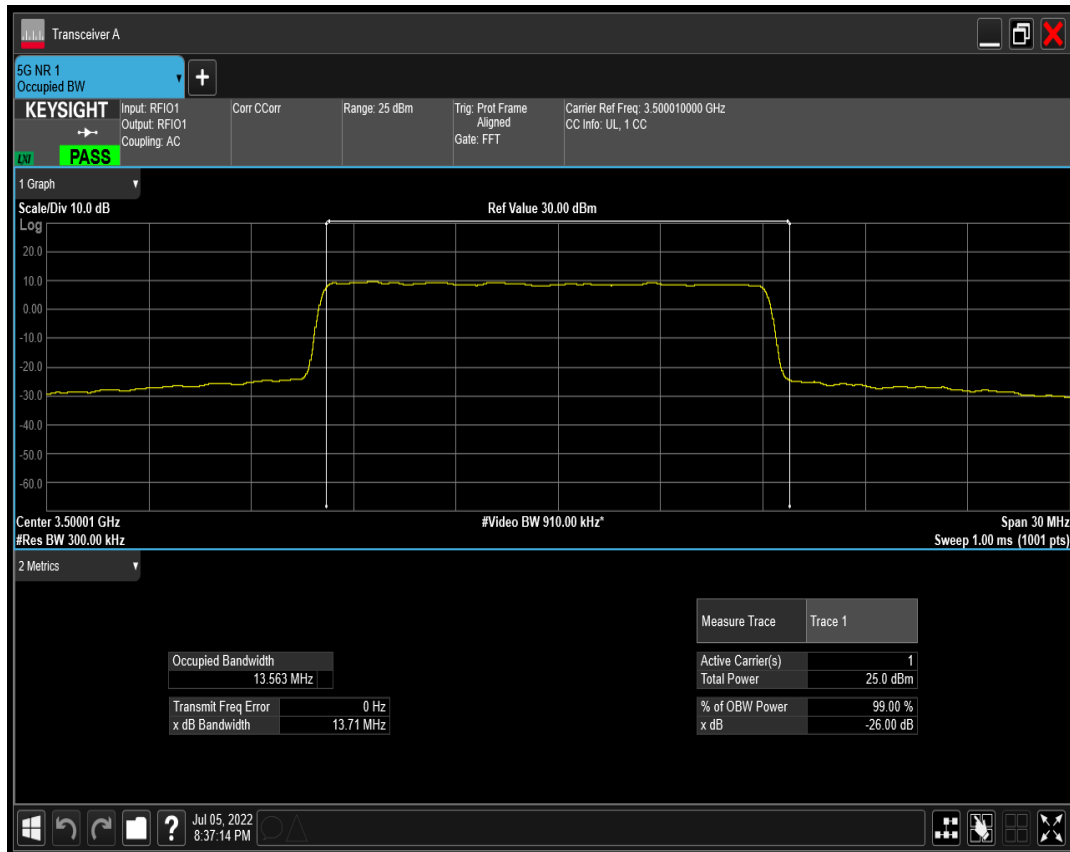
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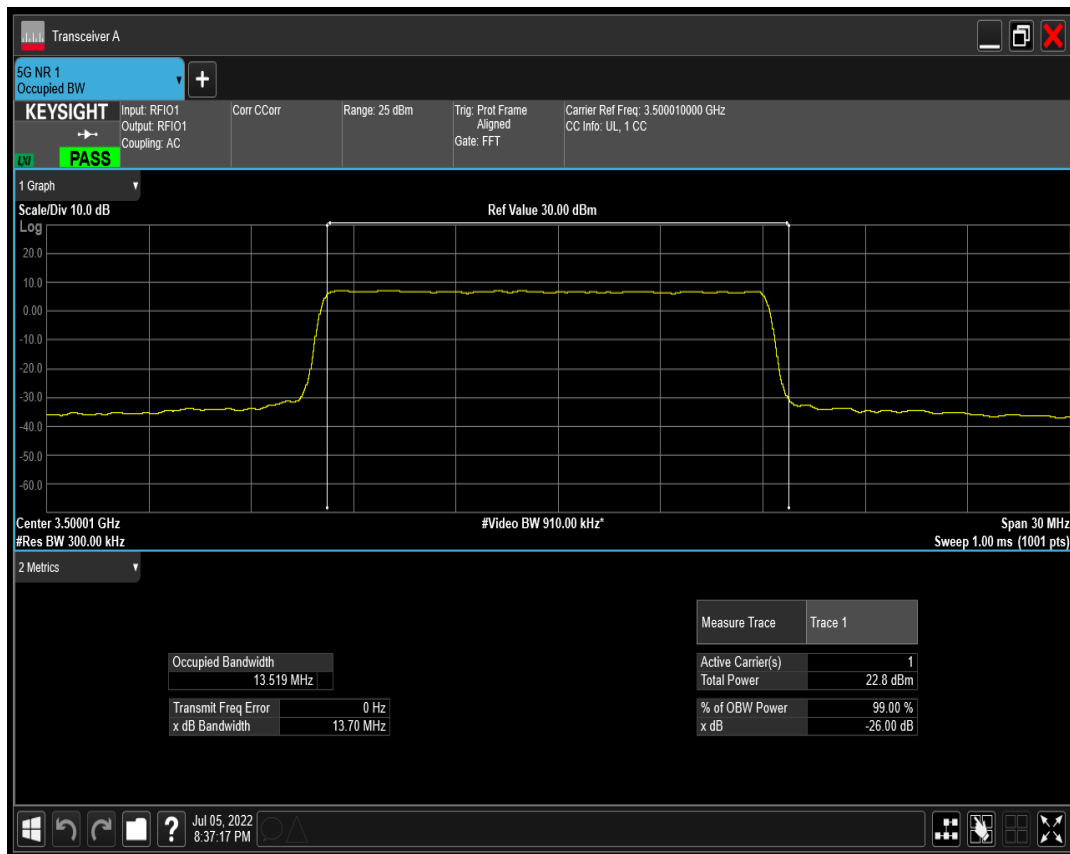
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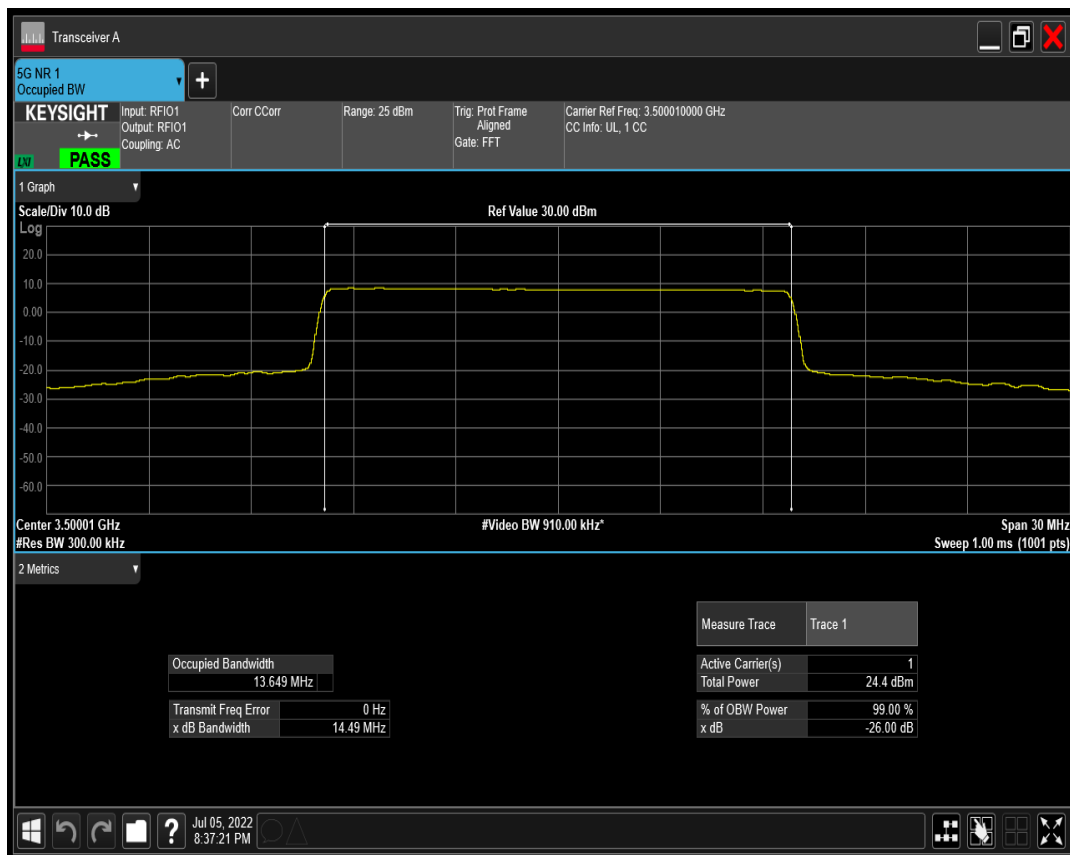
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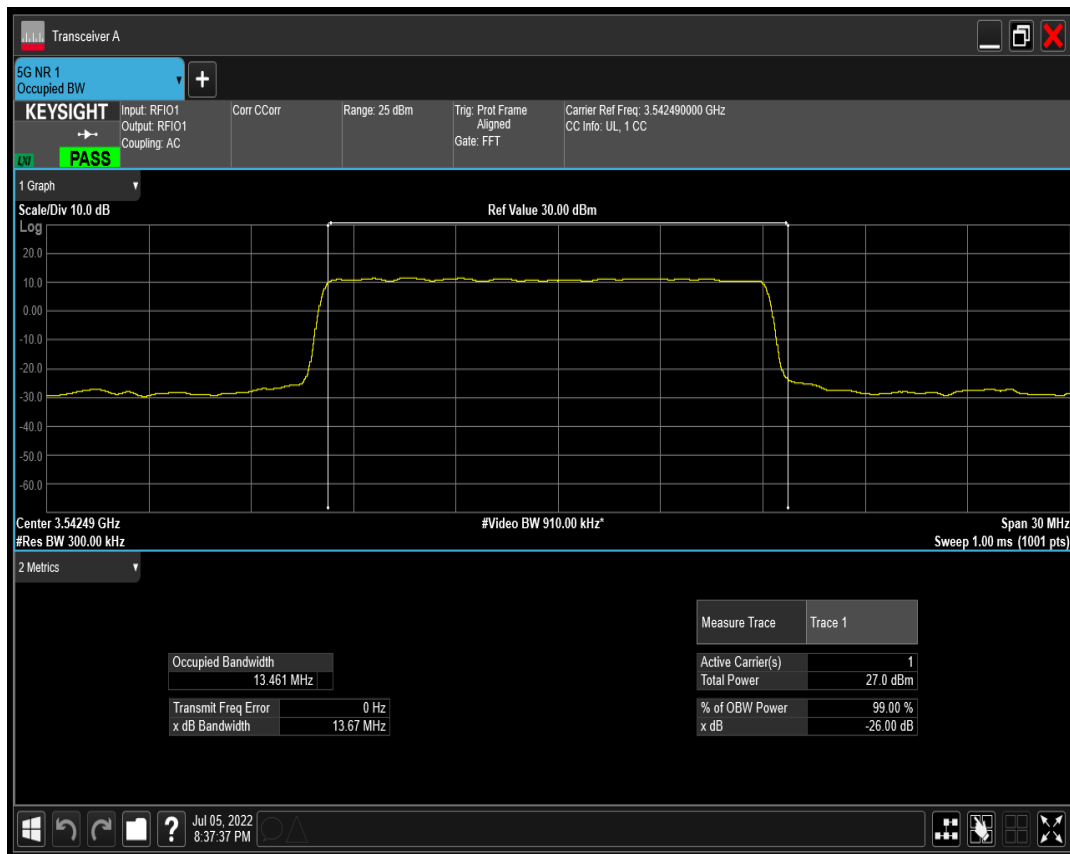
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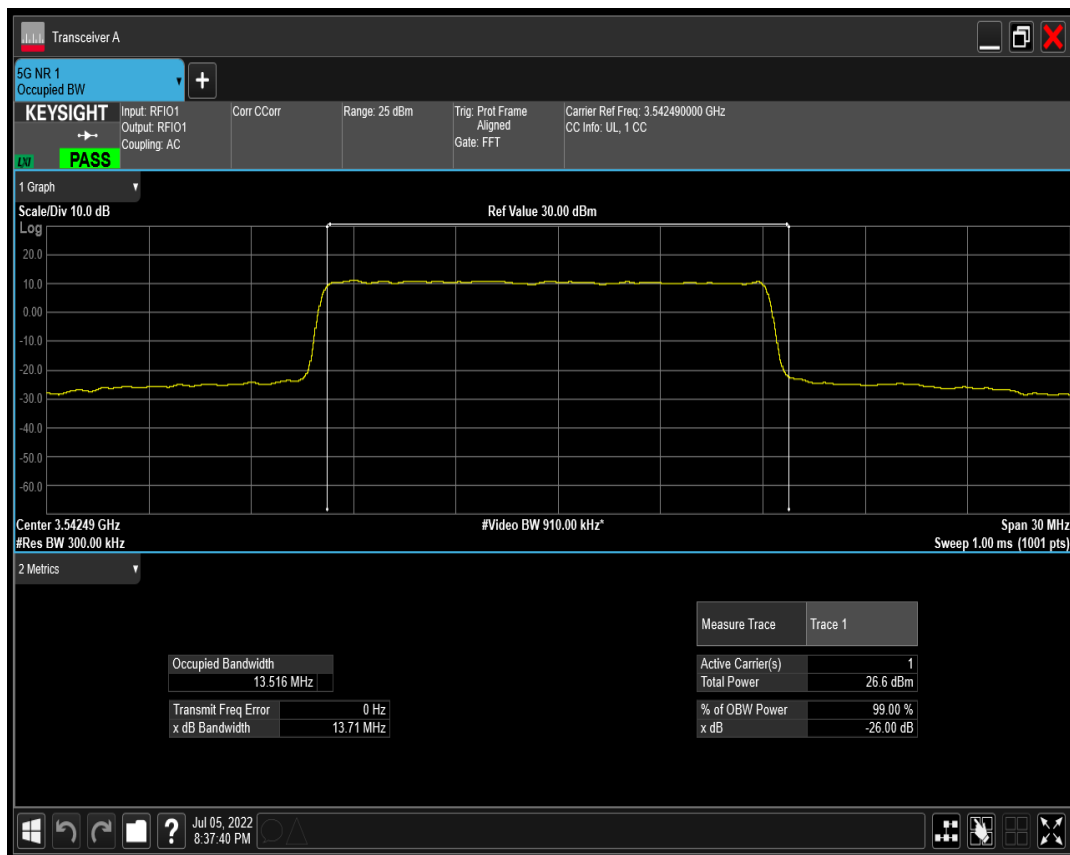
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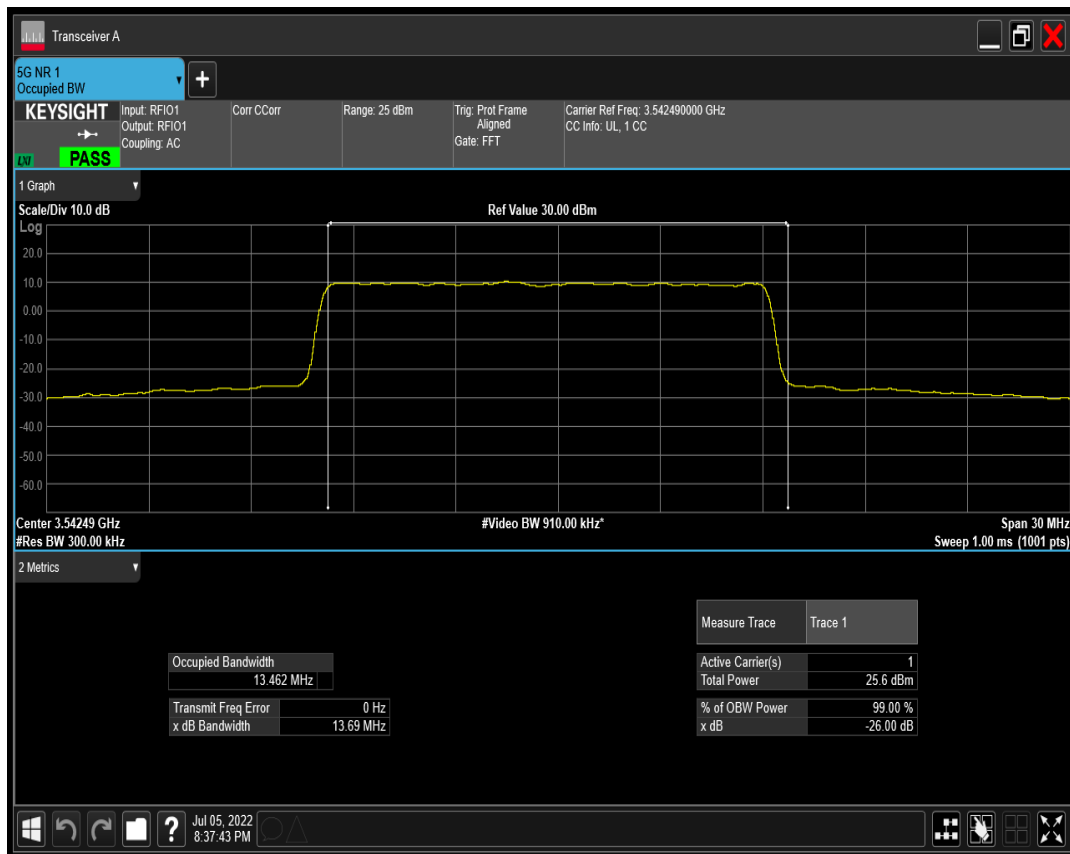
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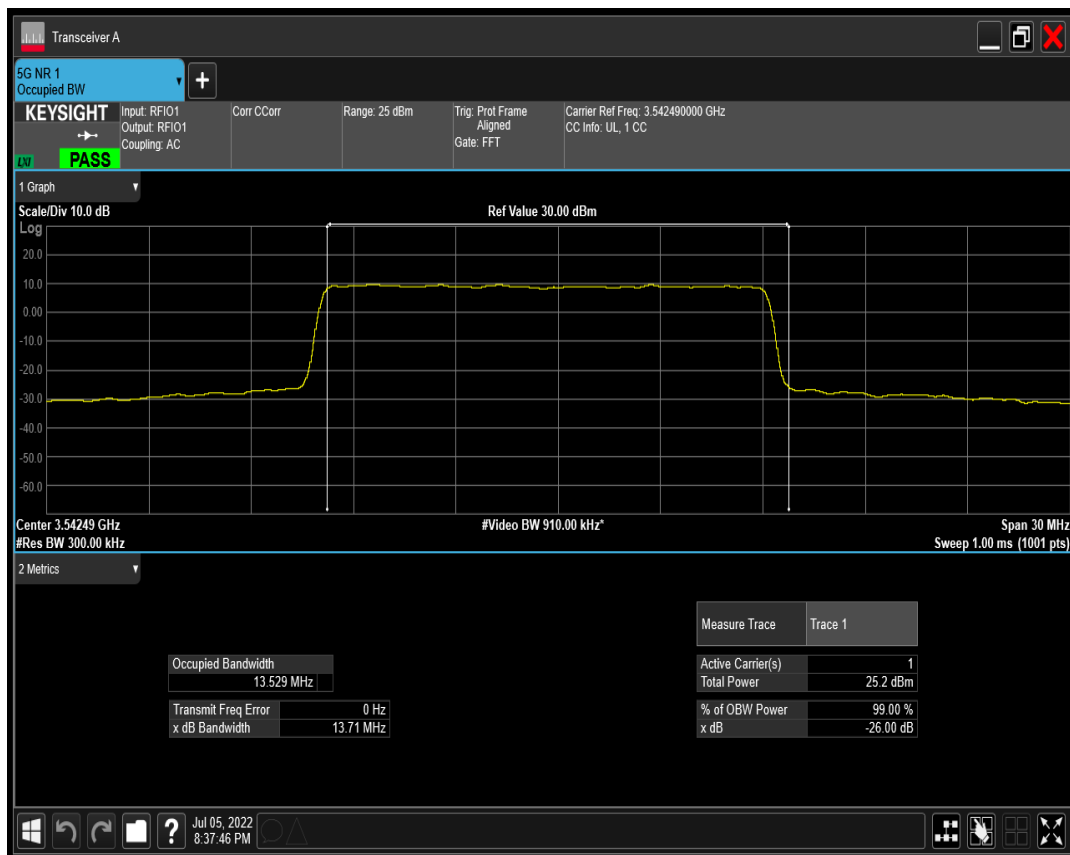
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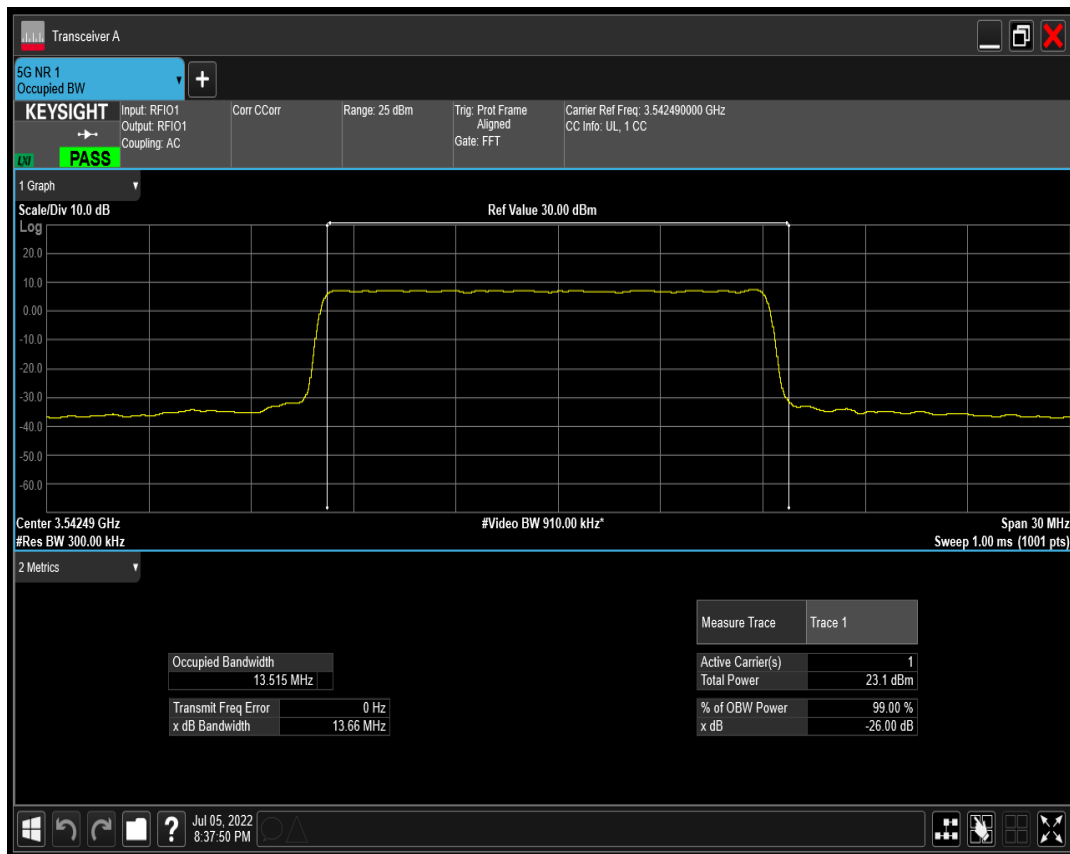
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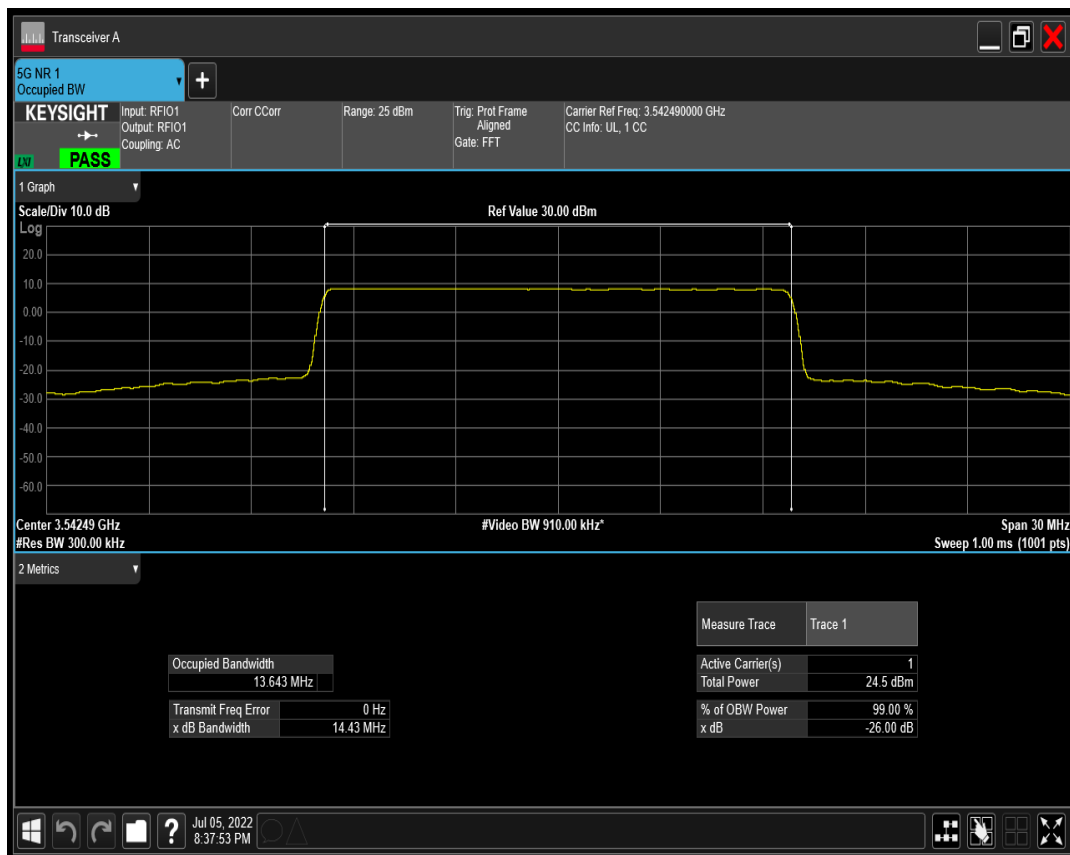
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=636166 RB=36@0



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



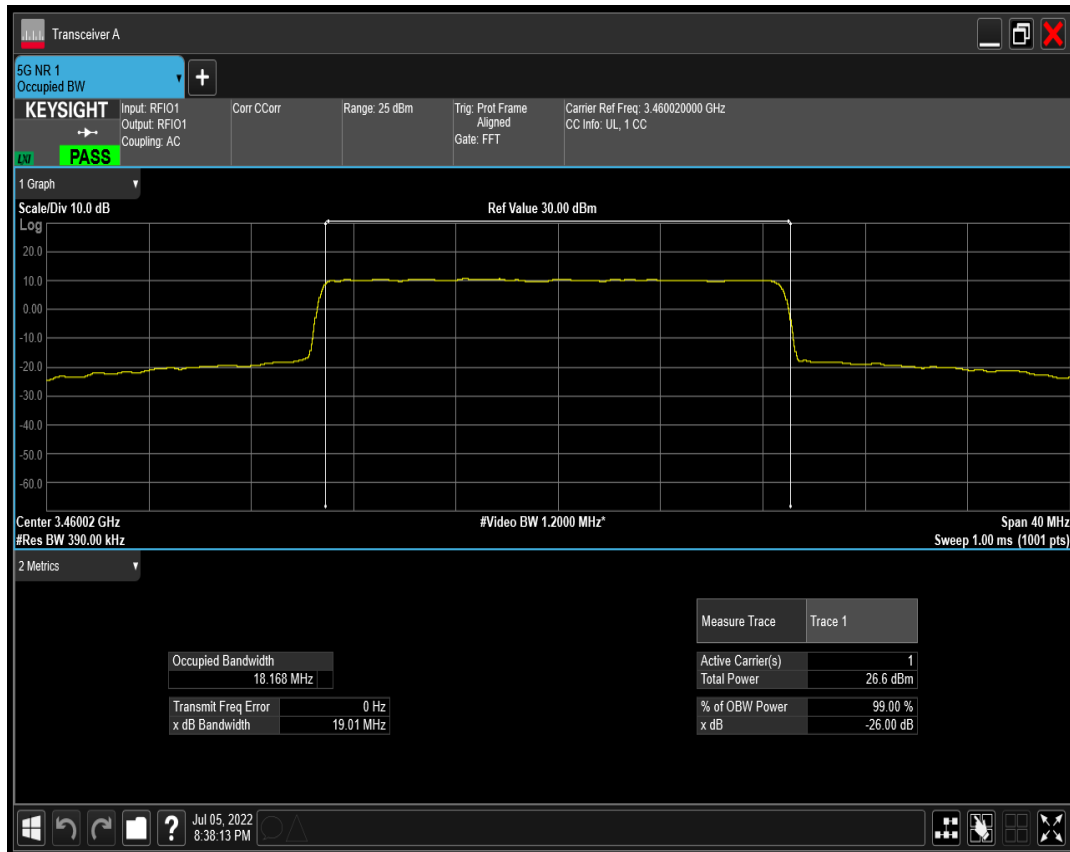
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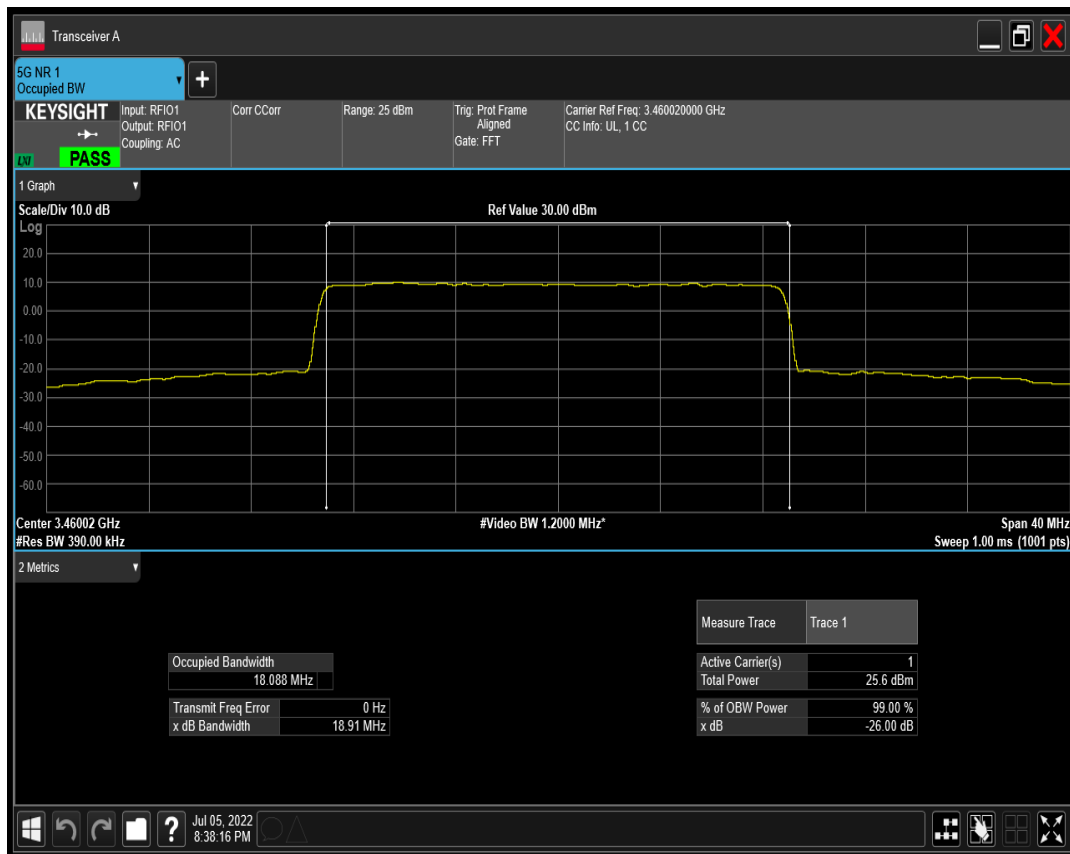
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=630668 RB=50@0



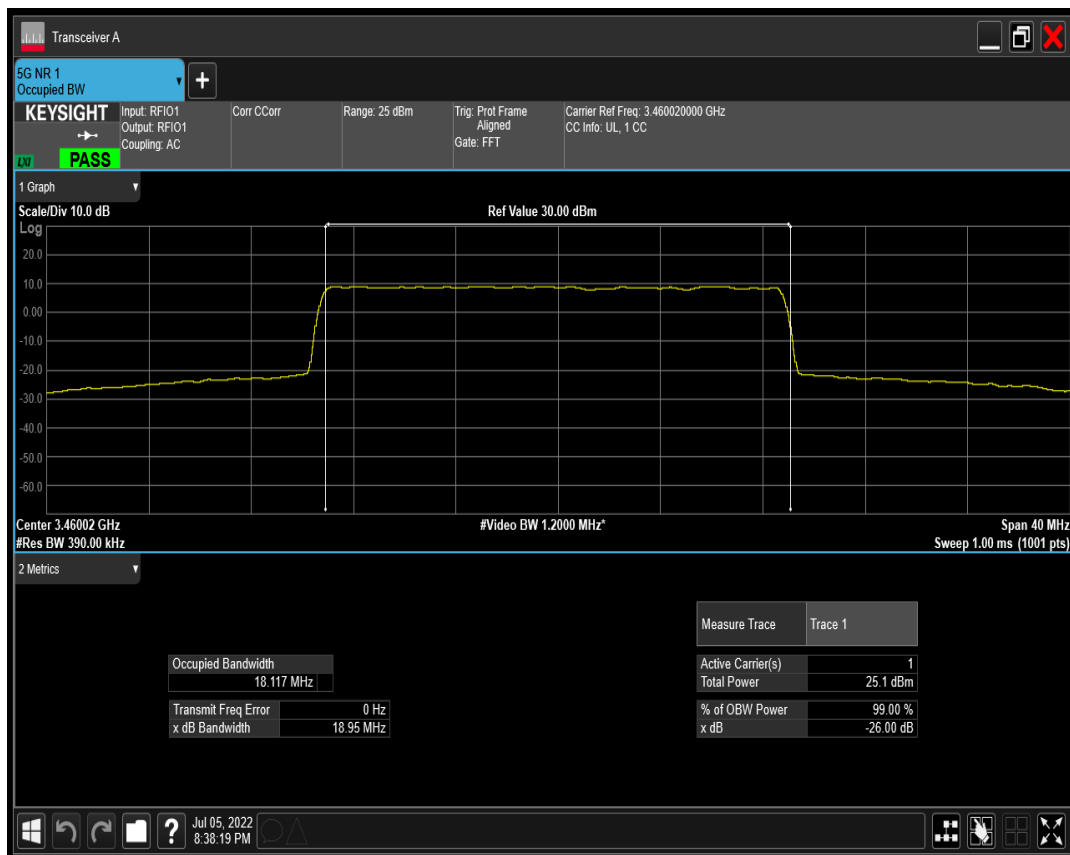
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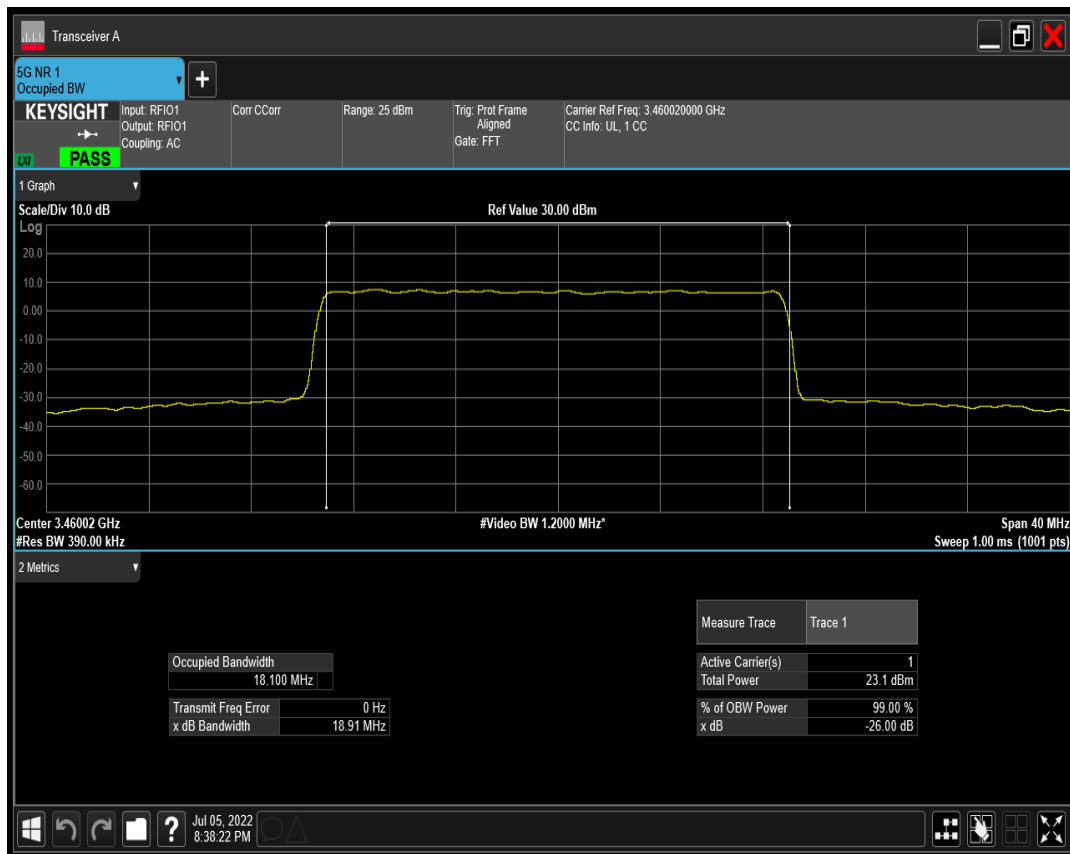
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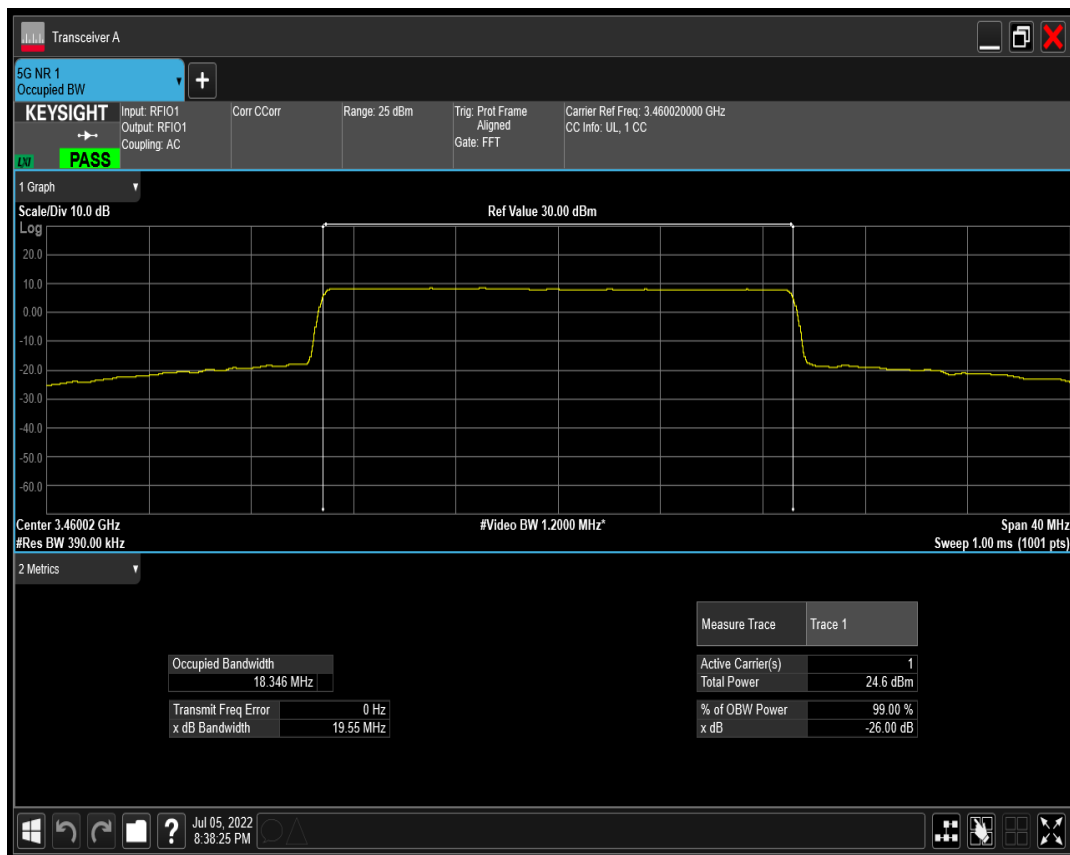
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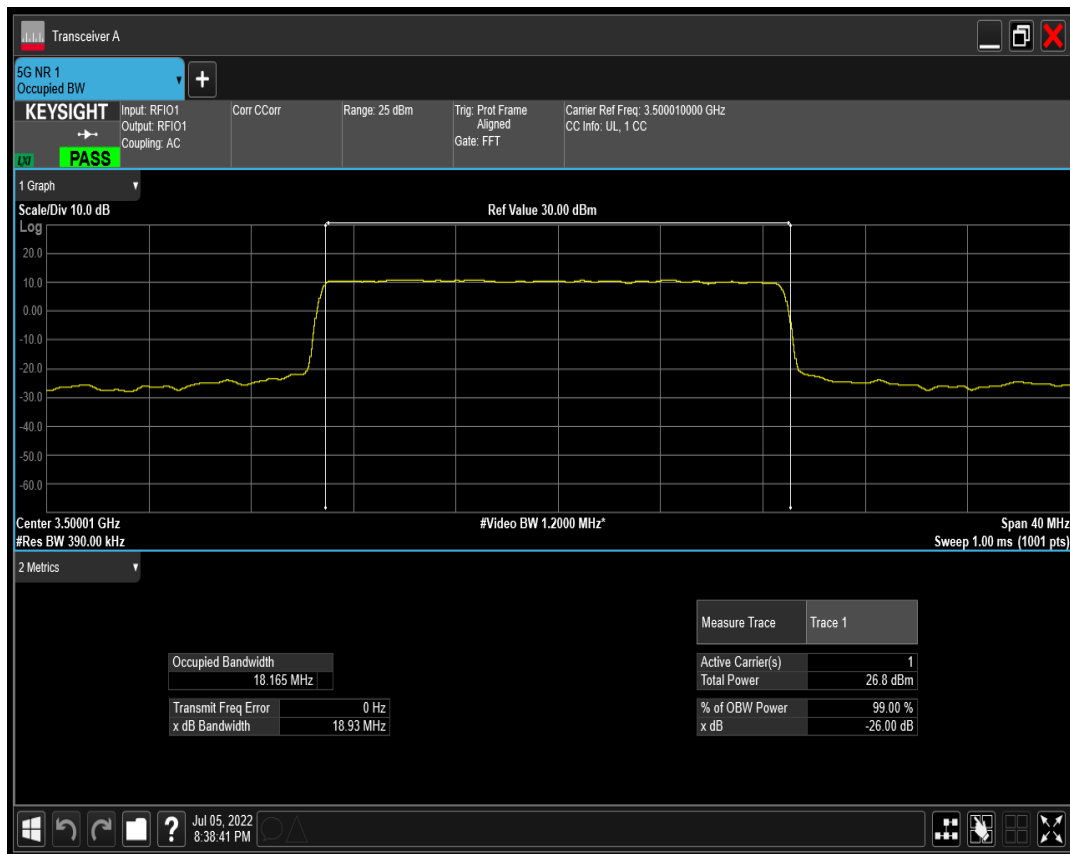
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=630668 RB=50@0



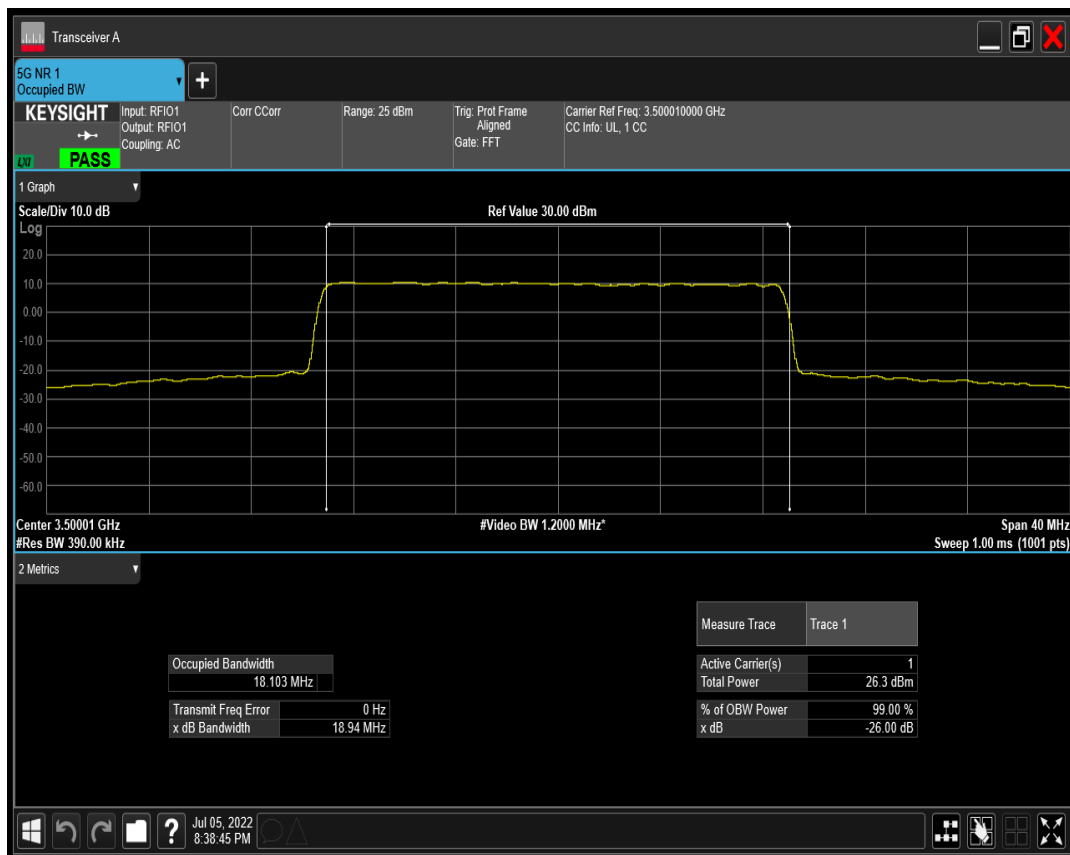
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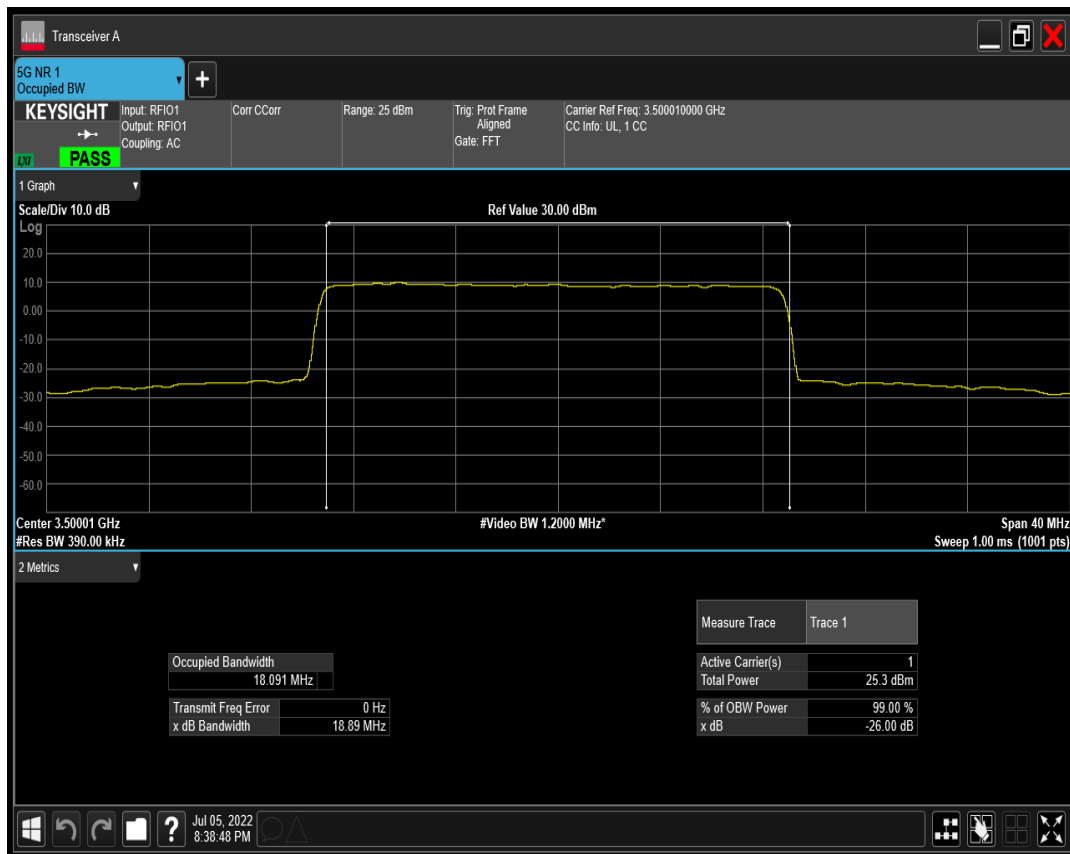
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50@0



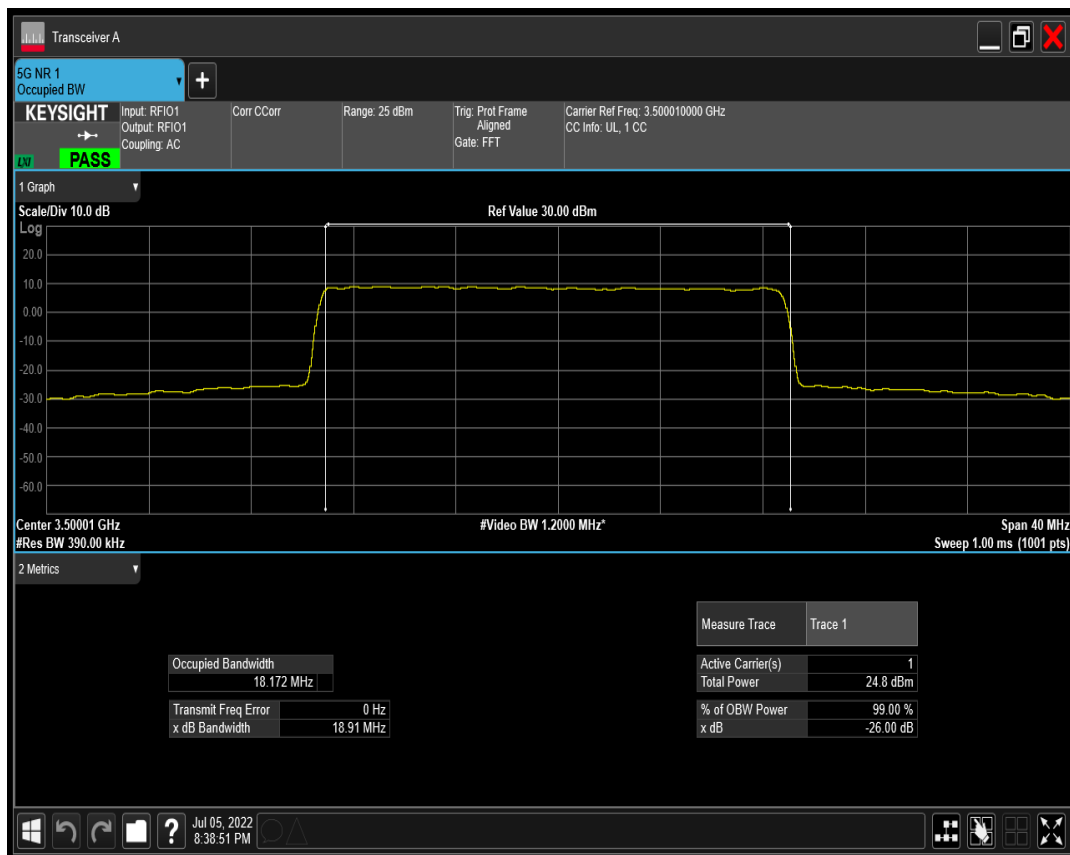
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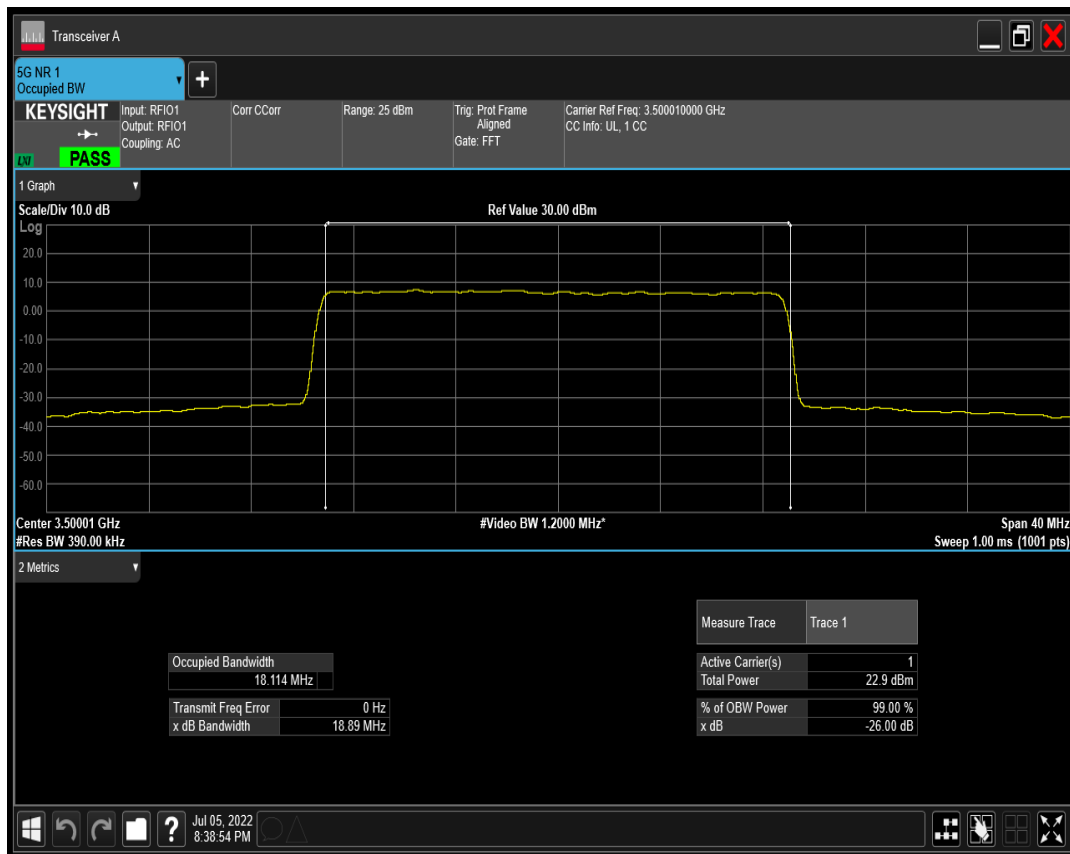
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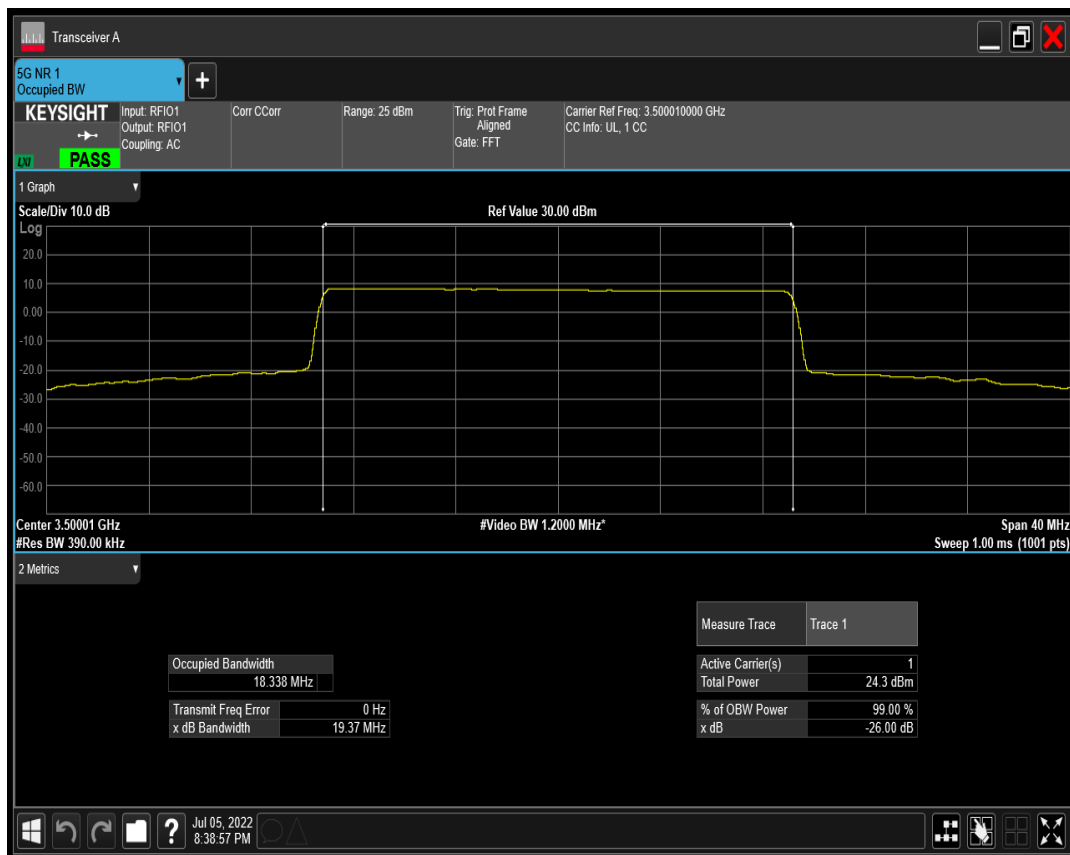
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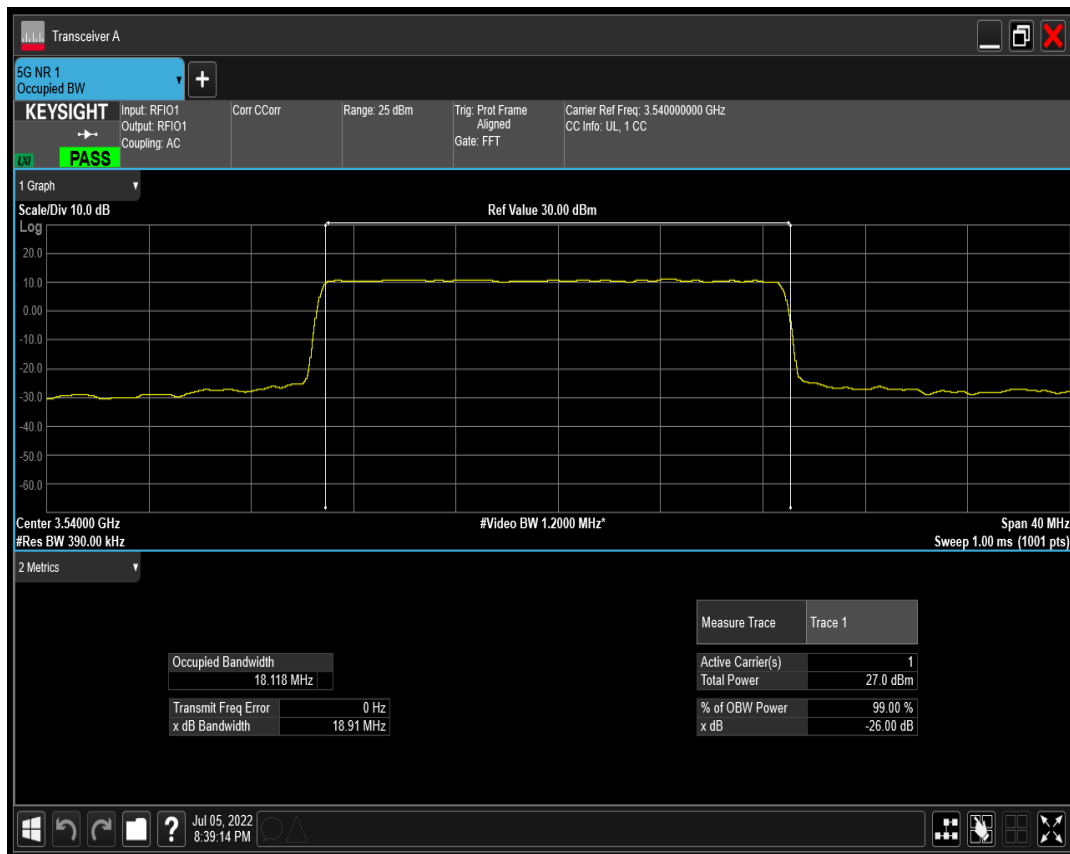
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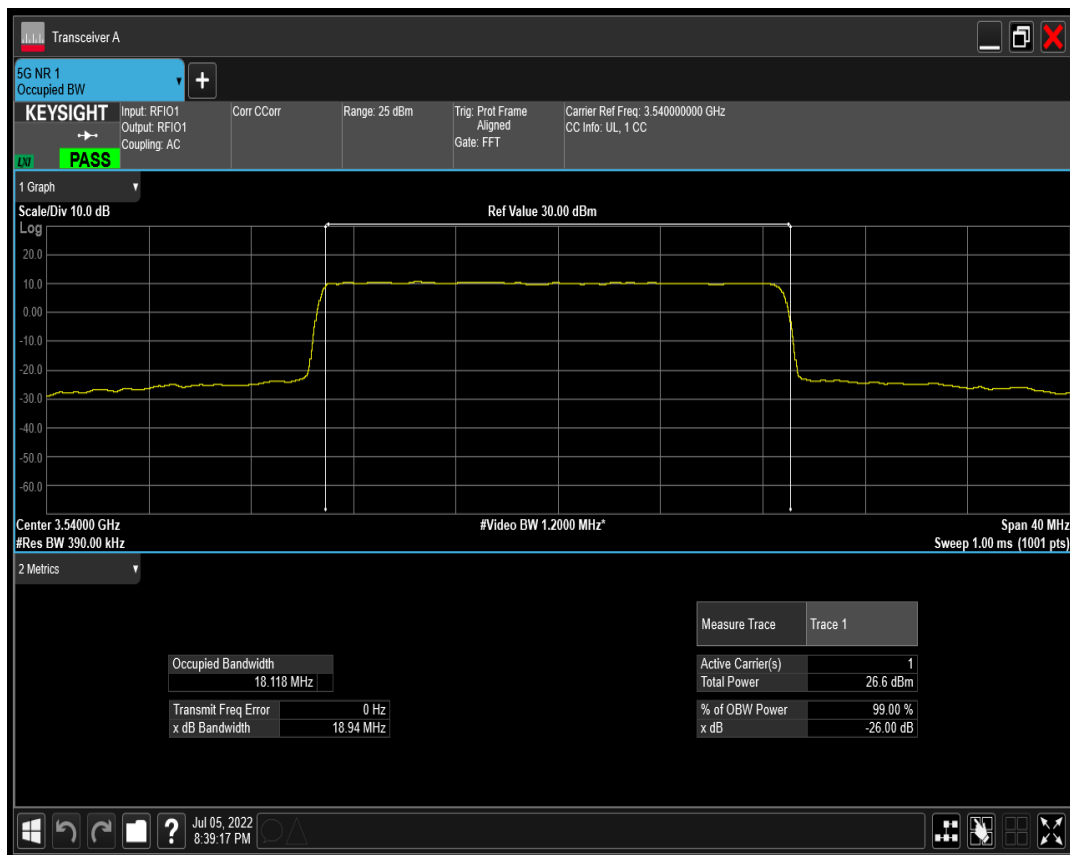
n77(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=633334 RB=51@0



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



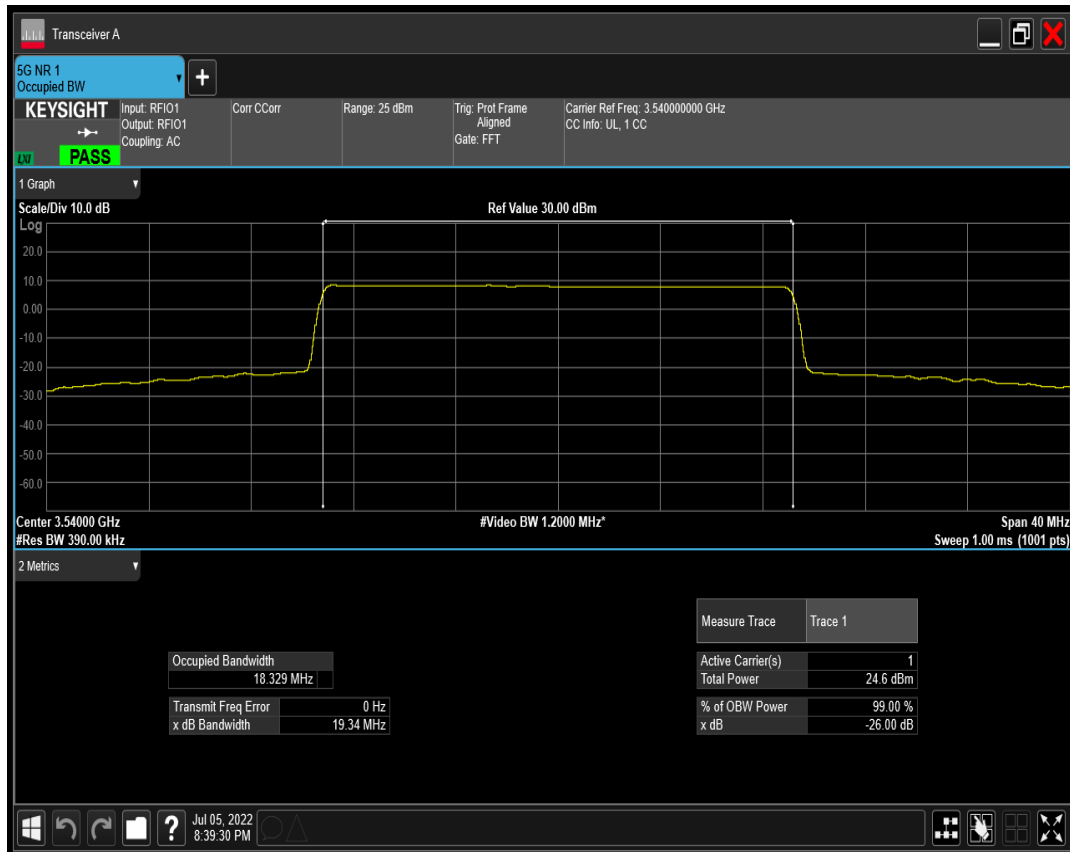
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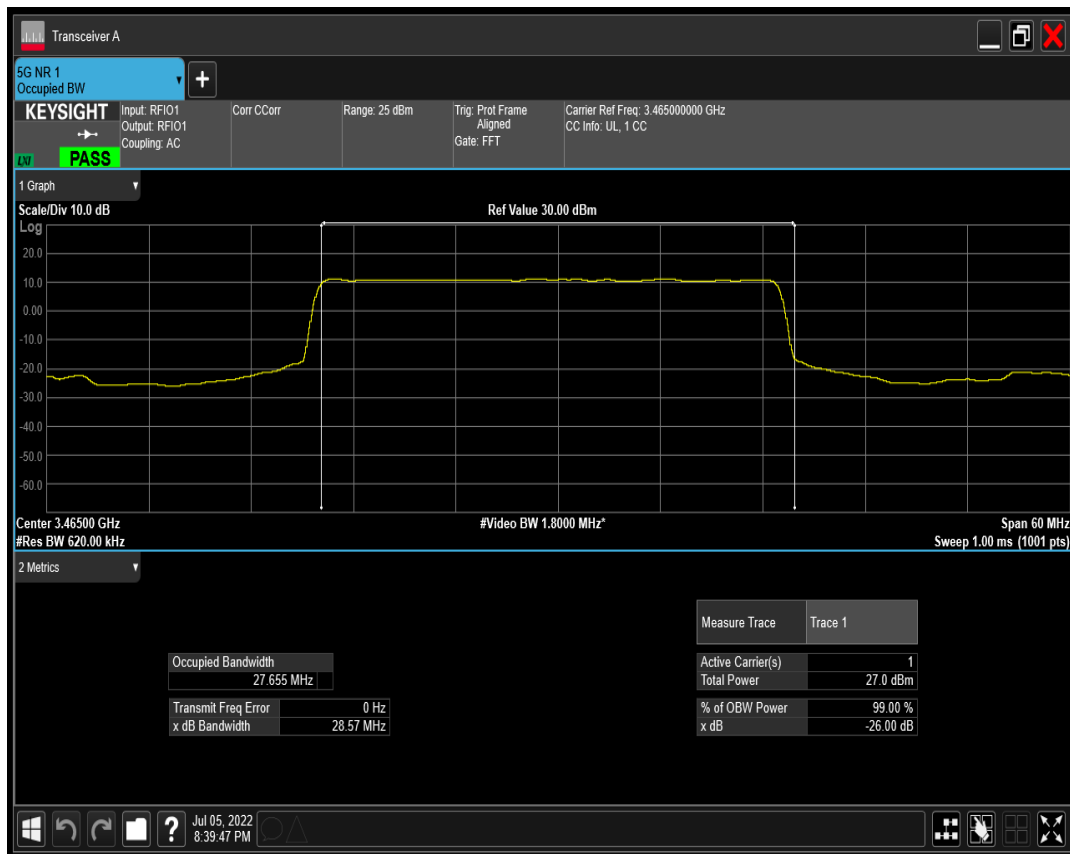
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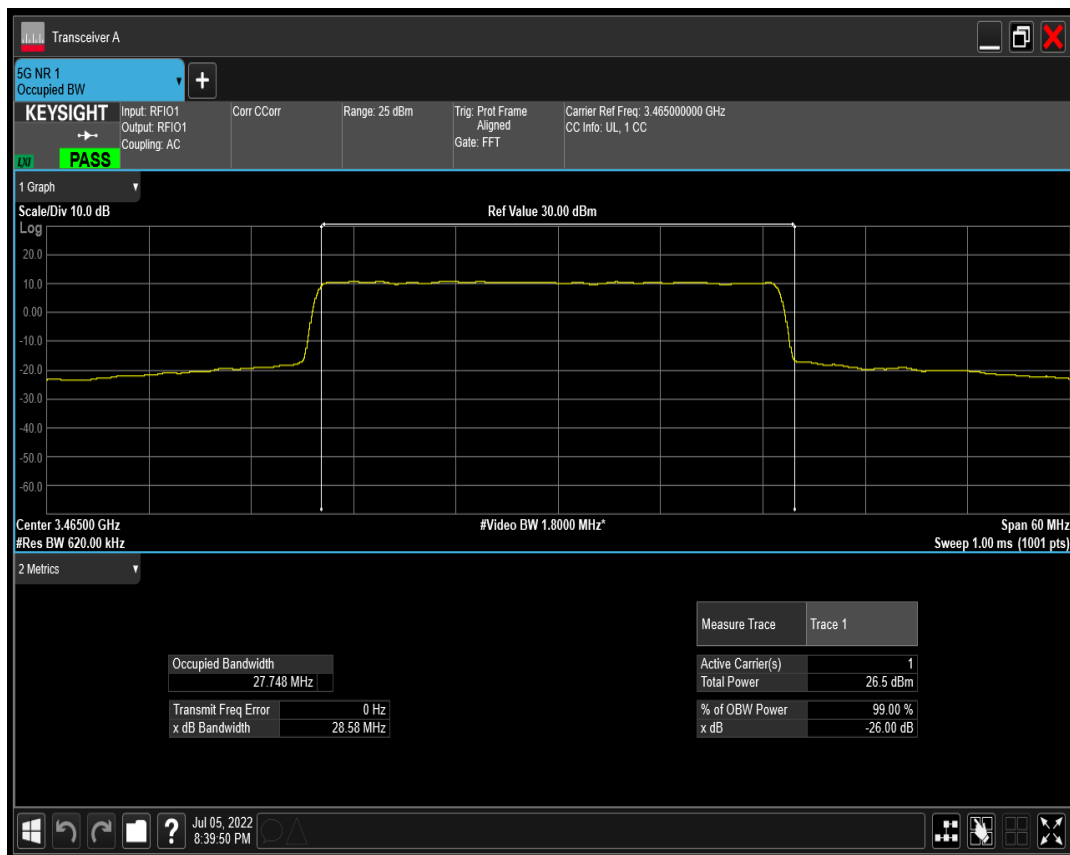
n77(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=636000 RB=51@0



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



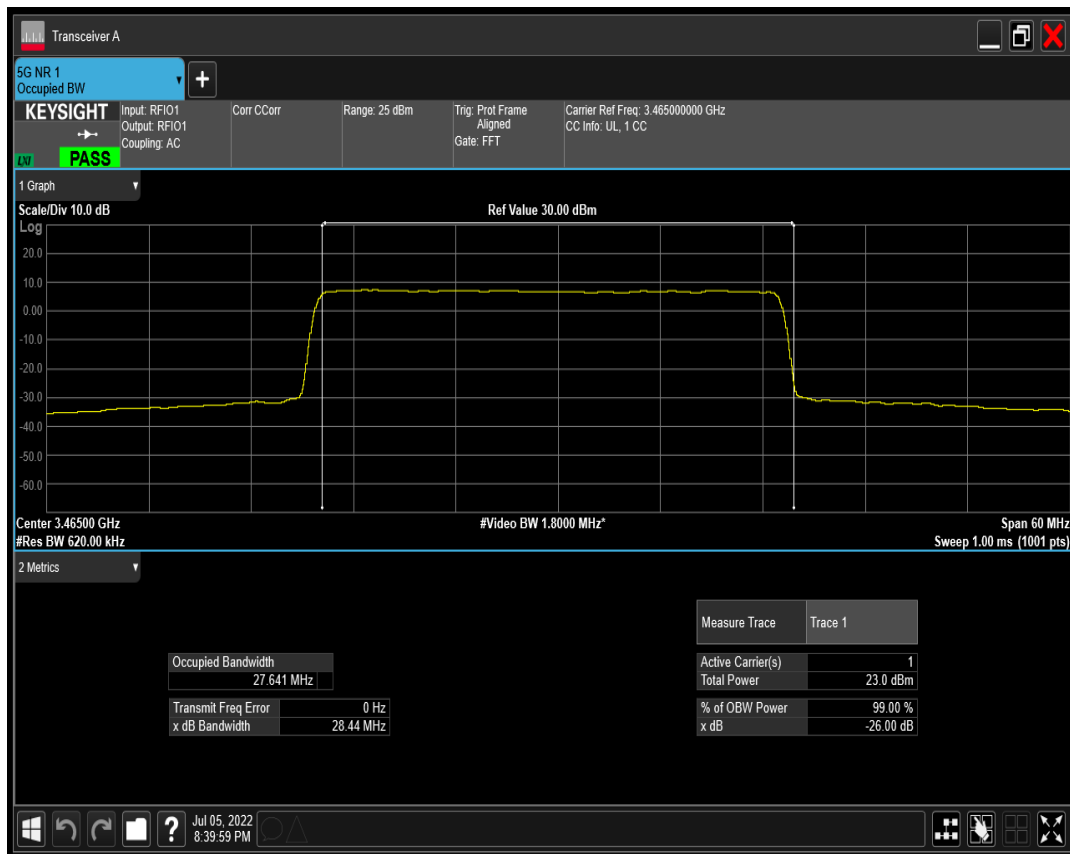
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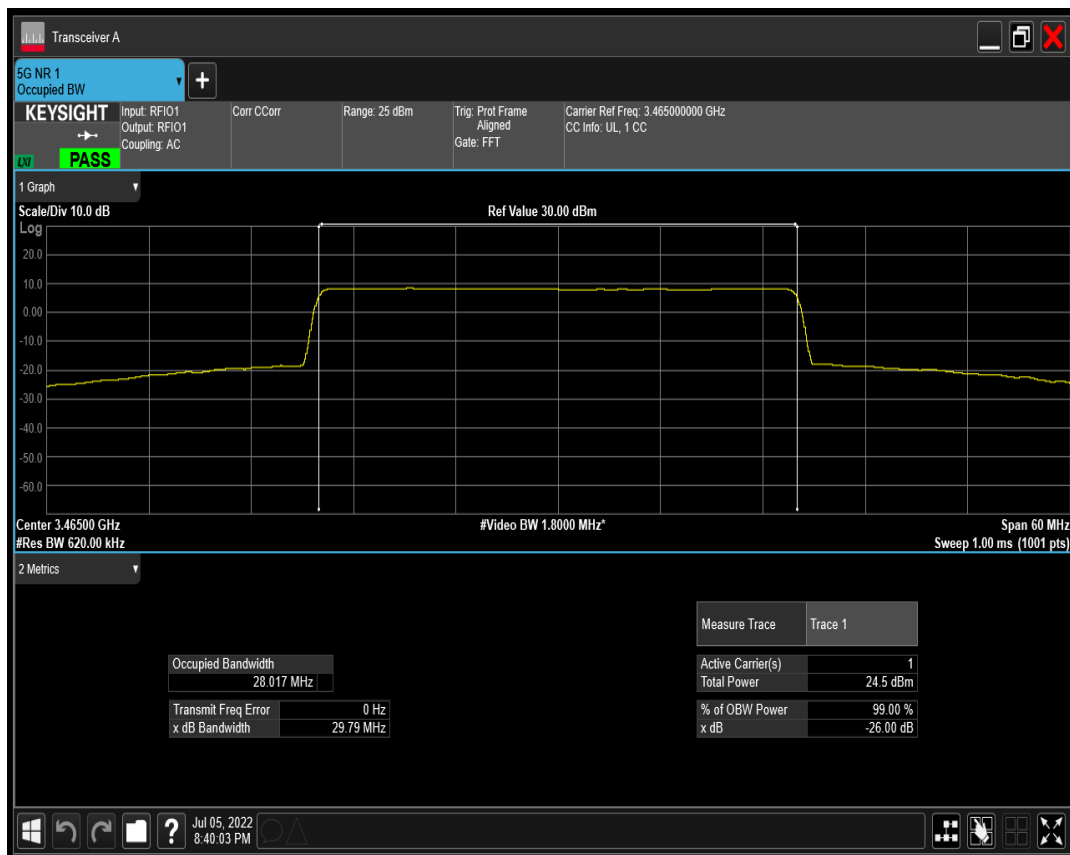
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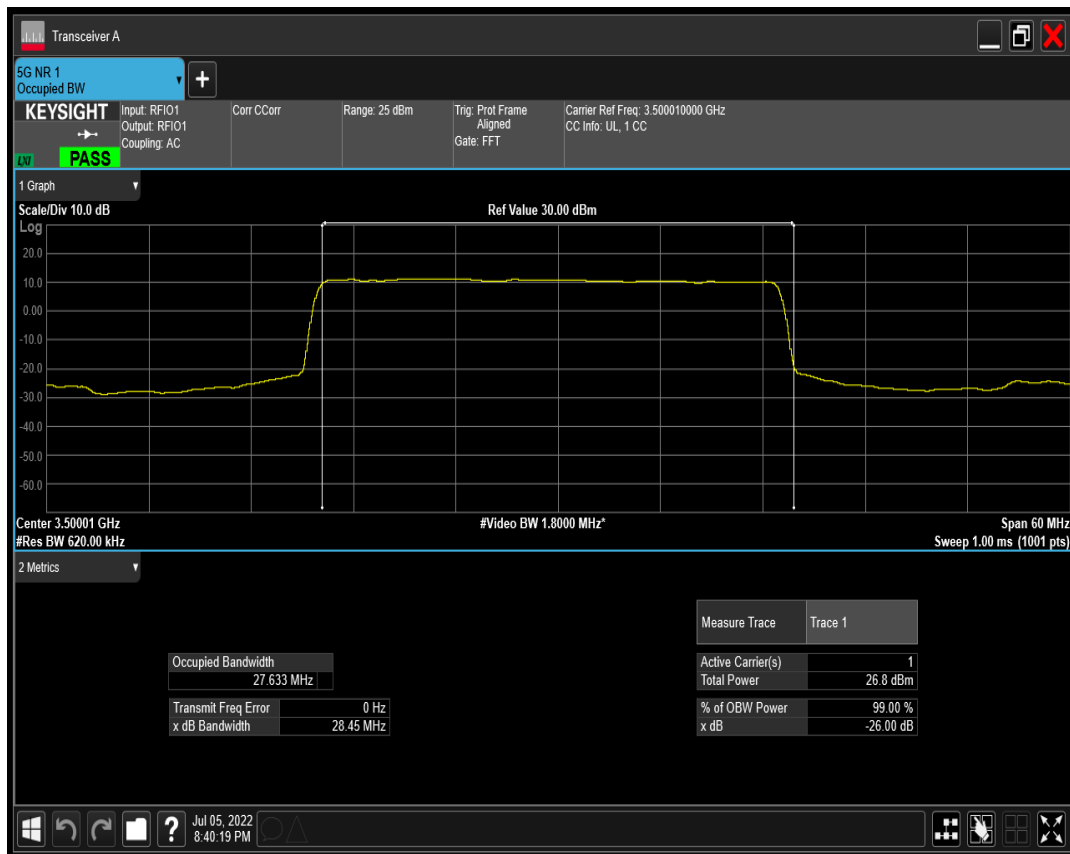
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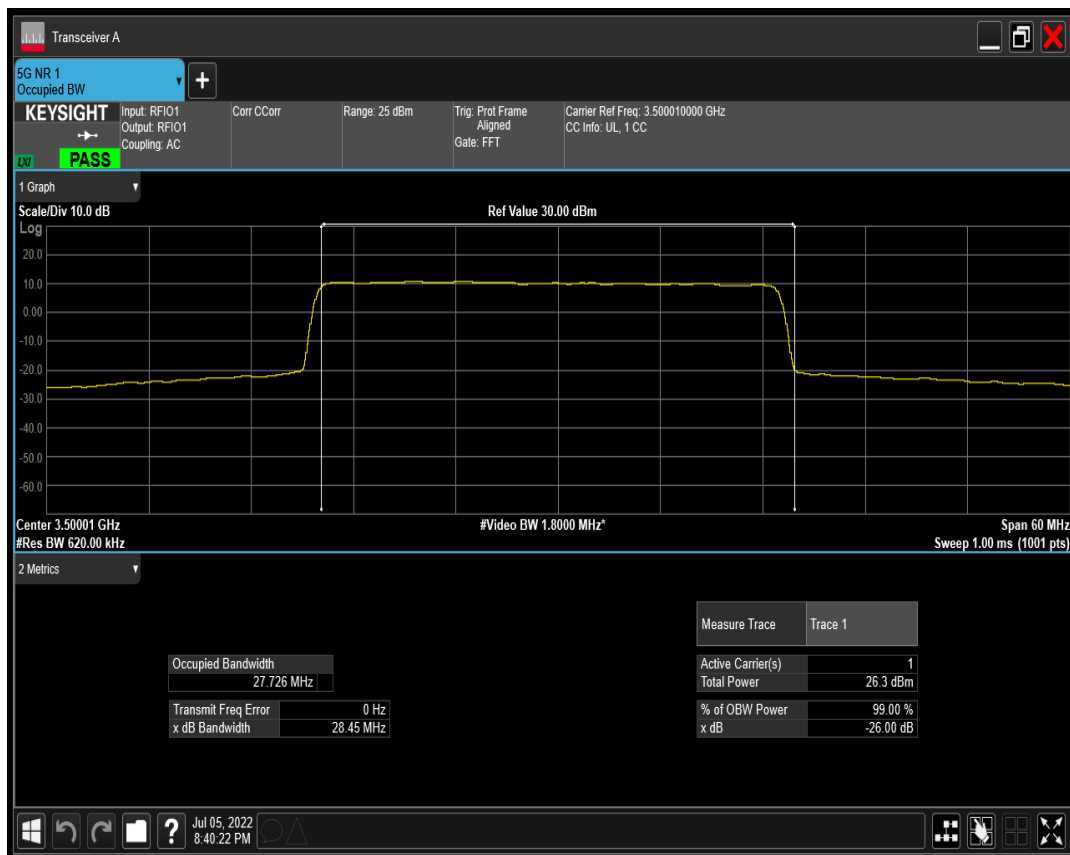
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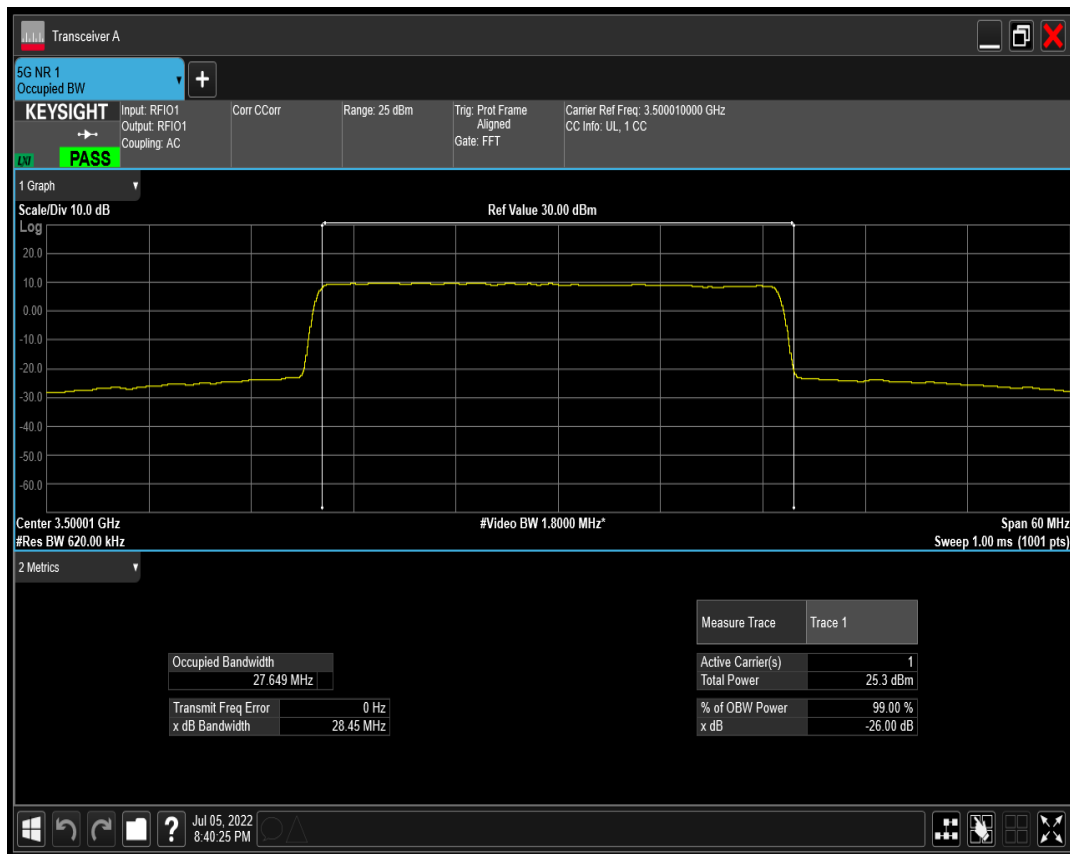
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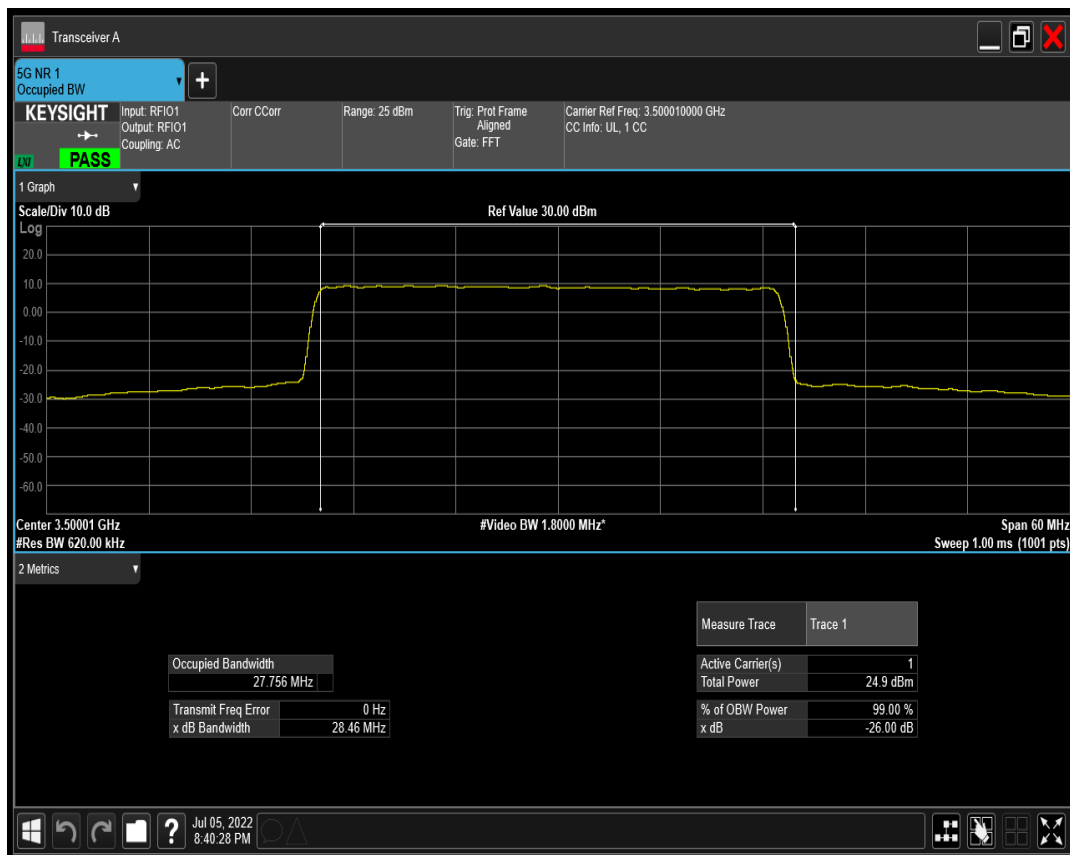
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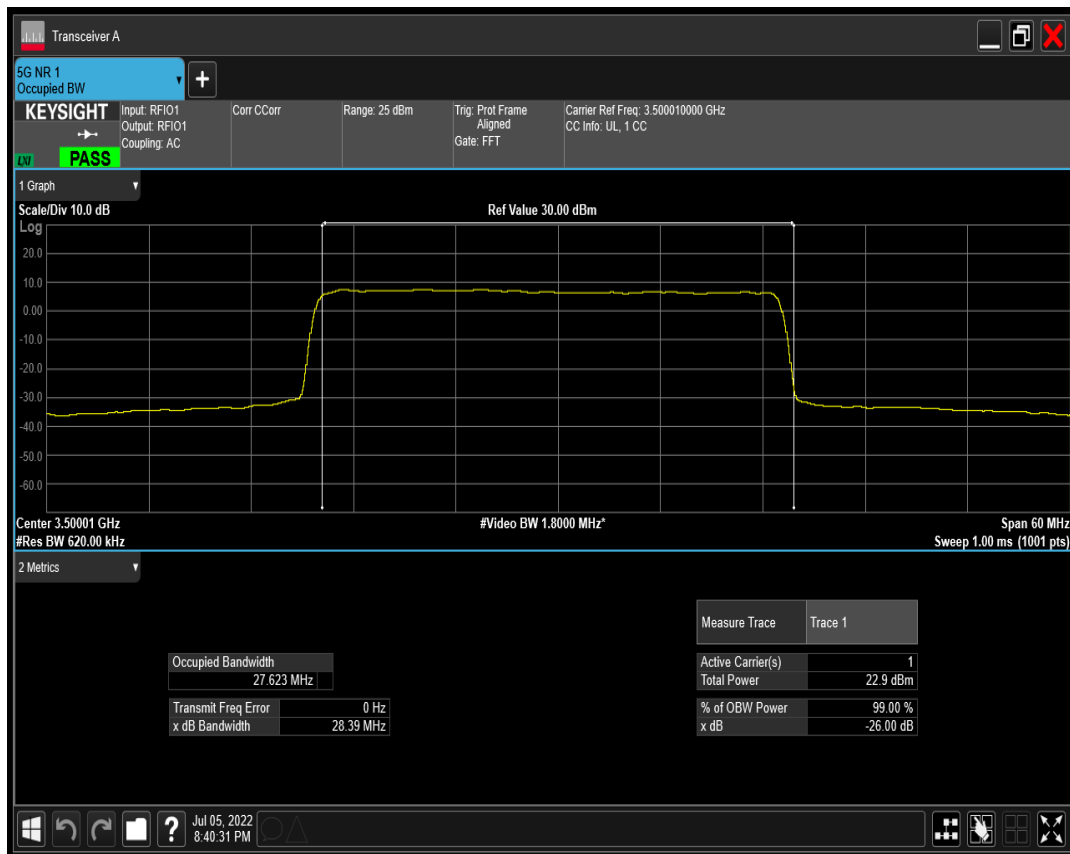
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n77(3450-3550) SCS=30kHz DFT_QAM64 BW=30MHz Channel=633334 RB=75@0



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



n77(3450-3550) SCS=30kHz CP_QPSK BW=30MHz Channel=633334 RB=78@0

