

# 1. Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)	high Limit (dBm)	Verdict
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	25.42	26.22	33	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	25.29	26.09	33	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	25.39	26.19	33	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	25.40	26.2	33	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	25.23	26.03	33	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	25.17	25.97	33	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM16	24.40	25.2	33	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM16	24.23	25.03	33	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM16	24.33	25.13	33	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM64	22.80	23.6	33	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM64	22.91	23.71	33	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM64	22.94	23.74	33	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM256	20.96	21.76	33	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM256	21.39	22.19	33	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM256	21.34	22.14	33	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	23.97	24.77	33	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	23.96	24.76	33	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	23.85	24.65	33	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM16	23.49	24.29	33	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM16	23.63	24.43	33	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM16	23.30	24.1	33	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM64	21.80	22.6	33	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM64	21.78	22.58	33	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM64	21.71	22.51	33	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM256	19.00	19.8	33	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM256	18.53	19.33	33	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM256	18.88	19.68	33	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	25.24	26.04	33	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	25.13	25.93	33	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	25.18	25.98	33	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	25.30	26.1	33	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	25.07	25.87	33	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	25.04	25.84	33	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM16	24.31	25.11	33	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM16	24.21	25.01	33	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM16	24.20	25	33	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM64	22.65	23.45	33	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM64	22.74	23.54	33	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM64	22.65	23.45	33	PASS

n77(3450-3550)	30	10	633334	12@6	DFT_QAM256	20.90	21.7	33	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM256	21.23	22.03	33	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM256	20.94	21.74	33	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	23.72	24.52	33	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	23.80	24.6	33	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	23.68	24.48	33	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM16	23.33	24.13	33	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM16	23.46	24.26	33	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM16	23.44	24.24	33	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM64	21.67	22.47	33	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM64	21.54	22.34	33	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM64	21.81	22.61	33	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM256	18.74	19.54	33	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM256	18.74	19.54	33	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM256	18.27	19.07	33	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	24.88	25.68	33	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	24.83	25.63	33	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	24.83	25.63	33	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	24.95	25.75	33	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	24.68	25.48	33	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	24.86	25.66	33	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM16	23.88	24.68	33	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM16	24.10	24.9	33	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM16	24.26	25.06	33	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM64	22.33	23.13	33	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM64	22.15	22.95	33	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM64	22.42	23.22	33	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM256	20.48	21.28	33	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM256	20.52	21.32	33	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM256	20.84	21.64	33	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	23.41	24.21	33	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	23.34	24.14	33	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	23.27	24.07	33	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM16	23.02	23.82	33	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM16	22.64	23.44	33	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM16	22.69	23.49	33	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM64	21.27	22.07	33	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM64	21.47	22.27	33	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM64	21.20	22	33	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM256	18.43	19.23	33	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM256	17.91	18.71	33	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM256	18.44	19.24	33	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	25.37	26.17	33	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	25.31	26.11	33	PASS

n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	25.36	26.16	33	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	25.35	26.15	33	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	25.17	25.97	33	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	25.18	25.98	33	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM16	24.32	25.12	33	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM16	24.27	25.07	33	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM16	24.19	24.99	33	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM64	22.83	23.63	33	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM64	22.93	23.73	33	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM64	22.90	23.7	33	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM256	20.99	21.79	33	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM256	21.09	21.89	33	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM256	21.35	22.15	33	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	23.83	24.63	33	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	23.85	24.65	33	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	23.65	24.45	33	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM16	23.40	24.2	33	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM16	23.34	24.14	33	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM16	23.33	24.13	33	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM64	21.94	22.74	33	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM64	21.79	22.59	33	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM64	21.81	22.61	33	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM256	18.95	19.75	33	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM256	18.44	19.24	33	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM256	18.51	19.31	33	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	25.15	25.95	33	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	25.21	26.01	33	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	25.03	25.83	33	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	25.20	26	33	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	25.08	25.88	33	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	24.89	25.69	33	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM16	24.24	25.04	33	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM16	24.08	24.88	33	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM16	24.03	24.83	33	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM64	22.67	23.47	33	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM64	22.76	23.56	33	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM64	22.65	23.45	33	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM256	20.97	21.77	33	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM256	21.24	22.04	33	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM256	20.84	21.64	33	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	23.71	24.51	33	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	23.67	24.47	33	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	23.49	24.29	33	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM16	23.25	24.05	33	PASS

n77(3450-3550)	30	15	633334	1@1	CP_QAM16	23.50	24.3	33	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM16	23.35	24.15	33	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM64	21.60	22.4	33	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM64	22.08	22.88	33	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM64	21.42	22.22	33	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM256	18.78	19.58	33	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM256	18.88	19.68	33	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM256	18.13	18.93	33	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	24.79	25.59	33	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	24.75	25.55	33	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	24.80	25.6	33	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	24.86	25.66	33	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	24.56	25.36	33	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	24.68	25.48	33	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM16	23.84	24.64	33	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM16	23.60	24.4	33	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM16	23.90	24.7	33	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM64	22.27	23.07	33	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM64	22.28	23.08	33	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM64	22.37	23.17	33	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM256	20.44	21.24	33	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM256	20.49	21.29	33	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM256	20.75	21.55	33	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	23.44	24.24	33	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	23.30	24.1	33	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	23.27	24.07	33	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM16	22.88	23.68	33	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM16	22.80	23.6	33	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM16	22.85	23.65	33	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM64	21.22	22.02	33	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM64	21.58	22.38	33	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM64	21.16	21.96	33	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM256	18.40	19.2	33	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM256	18.35	19.15	33	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM256	17.88	18.68	33	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	25.41	26.21	33	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	25.23	26.03	33	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	25.37	26.17	33	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	25.35	26.15	33	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	25.06	25.86	33	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	25.24	26.04	33	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM16	24.42	25.22	33	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM16	24.07	24.87	33	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM16	24.28	25.08	33	PASS

n77(3450-3550)	30	20	630668	25@12	DFT_QAM64	22.83	23.63	33	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM64	22.87	23.67	33	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM64	23.00	23.8	33	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM256	20.93	21.73	33	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM256	21.18	21.98	33	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM256	21.27	22.07	33	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	23.80	24.6	33	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	23.66	24.46	33	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	23.80	24.6	33	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM16	23.22	24.02	33	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM16	23.28	24.08	33	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM16	23.40	24.2	33	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM64	21.75	22.55	33	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM64	22.12	22.92	33	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM64	22.25	23.05	33	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM256	18.94	19.74	33	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM256	18.78	19.58	33	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM256	18.98	19.78	33	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	25.17	25.97	33	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	25.24	26.04	33	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	25.00	25.8	33	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	25.18	25.98	33	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	25.22	26.02	33	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	24.99	25.79	33	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM16	24.25	25.05	33	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM16	24.24	25.04	33	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM16	24.35	25.15	33	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM64	22.70	23.5	33	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM64	22.80	23.6	33	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM64	22.58	23.38	33	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM256	20.77	21.57	33	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM256	21.16	21.96	33	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM256	20.91	21.71	33	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	23.66	24.46	33	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	23.75	24.55	33	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	23.38	24.18	33	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM16	23.12	23.92	33	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM16	23.11	23.91	33	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM16	23.29	24.09	33	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM64	21.57	22.37	33	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM64	21.69	22.49	33	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM64	21.36	22.16	33	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM256	18.81	19.61	33	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM256	18.27	19.07	33	PASS

n77(3450-3550)	30	20	633334	1@49	CP_QAM256	18.09	18.89	33	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	24.79	25.59	33	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	24.73	25.53	33	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	24.72	25.52	33	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	24.77	25.57	33	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	24.74	25.54	33	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	24.77	25.57	33	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM16	23.78	24.58	33	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM16	24.13	24.93	33	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM16	24.07	24.87	33	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM64	22.28	23.08	33	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM64	22.37	23.17	33	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM64	22.35	23.15	33	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM256	20.47	21.27	33	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM256	20.56	21.36	33	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM256	20.67	21.47	33	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	23.23	24.03	33	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	23.19	23.99	33	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	23.31	24.11	33	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM16	22.72	23.52	33	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM16	22.67	23.47	33	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM16	23.07	23.87	33	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM64	21.28	22.08	33	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM64	21.15	21.95	33	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM64	21.13	21.93	33	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM256	18.37	19.17	33	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM256	18.33	19.13	33	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM256	18.31	19.11	33	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_BPSK	25.36	26.16	33	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_BPSK	25.09	25.89	33	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_BPSK	25.38	26.18	33	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QPSK	25.41	26.21	33	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QPSK	24.99	25.79	33	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QPSK	25.36	26.16	33	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM16	24.45	25.25	33	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM16	24.13	24.93	33	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM16	24.42	25.22	33	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM64	22.85	23.65	33	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM64	22.67	23.47	33	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM64	22.94	23.74	33	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM256	20.94	21.74	33	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM256	21.02	21.82	33	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM256	21.40	22.2	33	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QPSK	23.86	24.66	33	PASS

n77(3450-3550)	30	30	631000	1@1	CP_QPSK	23.37	24.17	33	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QPSK	23.91	24.71	33	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM16	23.31	24.11	33	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM16	22.92	23.72	33	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM16	23.25	24.05	33	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM64	21.96	22.76	33	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM64	21.46	22.26	33	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM64	21.71	22.51	33	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM256	18.99	19.79	33	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM256	18.18	18.98	33	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM256	18.56	19.36	33	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_BPSK	25.19	25.99	33	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_BPSK	25.15	25.95	33	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_BPSK	24.93	25.73	33	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QPSK	25.23	26.03	33	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QPSK	25.05	25.85	33	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QPSK	24.79	25.59	33	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM16	24.19	24.99	33	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM16	24.21	25.01	33	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM16	23.93	24.73	33	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM64	22.66	23.46	33	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM64	22.75	23.55	33	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM64	22.46	23.26	33	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM256	20.68	21.48	33	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM256	21.11	21.91	33	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM256	20.81	21.61	33	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QPSK	23.71	24.51	33	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QPSK	23.66	24.46	33	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QPSK	23.35	24.15	33	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM16	23.15	23.95	33	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM16	23.06	23.86	33	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM16	22.88	23.68	33	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM64	21.64	22.44	33	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM64	21.53	22.33	33	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM64	21.27	22.07	33	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM256	18.77	19.57	33	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM256	18.36	19.16	33	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM256	18.11	18.91	33	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_BPSK	24.84	25.64	33	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_BPSK	24.79	25.59	33	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_BPSK	24.56	25.36	33	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QPSK	24.88	25.68	33	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QPSK	24.76	25.56	33	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QPSK	24.41	25.21	33	PASS

n77(3450-3550)	30	30	635666	36@18	DFT_QAM16	23.90	24.7	33	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM16	24.01	24.81	33	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM16	23.62	24.42	33	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM64	22.21	23.01	33	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM64	22.28	23.08	33	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM64	22.01	22.81	33	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM256	20.40	21.2	33	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM256	20.90	21.7	33	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM256	20.48	21.28	33	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QPSK	23.29	24.09	33	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QPSK	23.47	24.27	33	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QPSK	22.99	23.79	33	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM16	22.70	23.5	33	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM16	23.14	23.94	33	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM16	22.85	23.65	33	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM64	21.35	22.15	33	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM64	21.31	22.11	33	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM64	21.11	21.91	33	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM256	18.39	19.19	33	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM256	18.00	18.8	33	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM256	18.07	18.87	33	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	25.51	26.31	33	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	24.81	25.61	33	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	24.93	25.73	33	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	25.59	26.39	33	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	24.66	25.46	33	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	24.77	25.57	33	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM16	24.53	25.33	33	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM16	23.89	24.69	33	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM16	23.92	24.72	33	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM64	22.96	23.76	33	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM64	22.21	23.01	33	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM64	22.28	23.08	33	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM256	21.11	21.91	33	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM256	20.68	21.48	33	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM256	20.86	21.66	33	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	24.03	24.83	33	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	23.38	24.18	33	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	23.44	24.24	33	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM16	23.50	24.3	33	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM16	23.01	23.81	33	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM16	23.18	23.98	33	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM64	21.98	22.78	33	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM64	21.51	22.31	33	PASS



n77(3450-3550)	30	40	631334	1@104	CP_QAM64	21.54	22.34	33	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM256	19.06	19.86	33	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM256	18.47	19.27	33	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM256	18.09	18.89	33	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	25.13	25.93	33	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	25.11	25.91	33	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	24.65	25.45	33	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	25.23	26.03	33	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	24.98	25.78	33	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	24.60	25.4	33	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM16	24.15	24.95	33	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM16	23.95	24.75	33	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM16	23.73	24.53	33	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM64	22.61	23.41	33	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM64	22.73	23.53	33	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM64	22.28	23.08	33	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM256	20.76	21.56	33	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM256	21.04	21.84	33	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM256	20.60	21.4	33	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	23.65	24.45	33	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	23.51	24.31	33	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	23.19	23.99	33	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM16	23.14	23.94	33	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM16	23.24	24.04	33	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM16	22.91	23.71	33	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM64	21.60	22.4	33	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM64	21.90	22.7	33	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM64	21.60	22.4	33	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM256	18.74	19.54	33	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM256	18.84	19.64	33	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM256	18.39	19.19	33	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	24.95	25.75	33	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	24.61	25.41	33	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	24.34	25.14	33	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	24.93	25.73	33	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	24.59	25.39	33	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	24.27	25.07	33	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM16	23.93	24.73	33	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM16	23.97	24.77	33	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM16	23.34	24.14	33	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM64	22.32	23.12	33	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM64	22.19	22.99	33	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM64	21.80	22.6	33	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM256	20.45	21.25	33	PASS

n77(3450-3550)	30	40	635332	1@1	DFT_QAM256	20.66	21.46	33	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM256	20.10	20.9	33	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	23.44	24.24	33	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	23.19	23.99	33	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	22.60	23.4	33	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM16	22.83	23.63	33	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM16	22.49	23.29	33	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM16	22.15	22.95	33	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM64	21.30	22.1	33	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM64	21.02	21.82	33	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM64	20.61	21.41	33	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM256	18.38	19.18	33	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM256	17.77	18.57	33	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM256	17.82	18.62	33	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	25.62	26.42	33	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	25.14	25.94	33	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	24.91	25.71	33	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	25.56	26.36	33	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	24.96	25.76	33	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	24.76	25.56	33	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM16	24.54	25.34	33	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM16	24.11	24.91	33	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM16	23.77	24.57	33	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM64	23.03	23.83	33	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM64	22.64	23.44	33	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM64	22.45	23.25	33	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM256	21.21	22.01	33	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM256	20.99	21.79	33	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM256	20.75	21.55	33	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	24.11	24.91	33	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	23.49	24.29	33	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	23.34	24.14	33	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM16	23.54	24.34	33	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM16	23.34	24.14	33	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM16	23.24	24.04	33	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM64	22.09	22.89	33	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM64	21.43	22.23	33	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM64	21.83	22.63	33	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM256	19.16	19.96	33	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM256	18.26	19.06	33	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM256	18.11	18.91	33	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	25.13	25.93	33	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	25.41	26.21	33	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	24.89	25.69	33	PASS

n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	25.15	25.95	33	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	25.42	26.22	33	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	24.79	25.59	33	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM16	24.16	24.96	33	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM16	24.79	25.59	33	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM16	24.18	24.98	33	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM64	22.64	23.44	33	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM64	22.98	23.78	33	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM64	22.38	23.18	33	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM256	20.82	21.62	33	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM256	21.48	22.28	33	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM256	20.86	21.66	33	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	23.67	24.47	33	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	23.80	24.6	33	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	23.28	24.08	33	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM16	23.10	23.9	33	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM16	23.30	24.1	33	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM16	22.75	23.55	33	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM64	21.60	22.4	33	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM64	21.81	22.61	33	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM64	21.32	22.12	33	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM256	18.71	19.51	33	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM256	19.11	19.91	33	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM256	18.07	18.87	33	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	25.09	25.89	33	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	24.89	25.69	33	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	24.54	25.34	33	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	25.10	25.9	33	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	24.75	25.55	33	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	24.47	25.27	33	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM16	24.09	24.89	33	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM16	24.24	25.04	33	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM16	23.65	24.45	33	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM64	22.56	23.36	33	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM64	22.42	23.22	33	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM64	22.08	22.88	33	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM256	20.63	21.43	33	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM256	20.92	21.72	33	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM256	20.45	21.25	33	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	23.50	24.3	33	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	23.25	24.05	33	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	23.10	23.9	33	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM16	22.99	23.79	33	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM16	23.08	23.88	33	PASS

n77(3450-3550)	30	50	635000	1@131	CP_QAM16	22.86	23.66	33	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM64	21.47	22.27	33	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM64	21.35	22.15	33	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM64	20.98	21.78	33	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM256	18.56	19.36	33	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM256	18.57	19.37	33	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM256	17.74	18.54	33	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	25.47	26.27	33	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	24.80	25.6	33	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	24.66	25.46	33	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	25.45	26.25	33	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	24.79	25.59	33	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	24.70	25.5	33	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM16	24.47	25.27	33	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM16	24.00	24.8	33	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM16	23.83	24.63	33	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM64	22.94	23.74	33	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM64	22.35	23.15	33	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM64	22.17	22.97	33	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM256	21.19	21.99	33	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM256	20.99	21.79	33	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM256	20.83	21.63	33	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	24.01	24.81	33	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	23.31	24.11	33	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	23.12	23.92	33	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM16	23.52	24.32	33	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM16	22.92	23.72	33	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM16	22.65	23.45	33	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM64	21.93	22.73	33	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM64	21.68	22.48	33	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM64	21.43	22.23	33	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM256	19.05	19.85	33	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM256	18.55	19.35	33	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM256	18.37	19.17	33	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	25.13	25.93	33	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	25.14	25.94	33	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	24.53	25.33	33	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	25.15	25.95	33	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	24.99	25.79	33	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	24.37	25.17	33	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM16	24.13	24.93	33	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM16	24.22	25.02	33	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM16	23.60	24.4	33	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM64	22.65	23.45	33	PASS

n77(3450-3550)	30	60	633334	1@1	DFT_QAM64	22.74	23.54	33	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM64	21.97	22.77	33	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM256	20.79	21.59	33	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM256	21.22	22.02	33	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM256	20.54	21.34	33	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	23.65	24.45	33	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	23.76	24.56	33	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	22.97	23.77	33	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM16	23.21	24.01	33	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM16	23.46	24.26	33	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM16	22.89	23.69	33	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM64	21.55	22.35	33	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM64	21.49	22.29	33	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM64	21.37	22.17	33	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM256	18.71	19.51	33	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM256	18.37	19.17	33	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM256	18.13	18.93	33	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	25.11	25.91	33	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	24.88	25.68	33	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	24.33	25.13	33	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	25.10	25.9	33	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	24.88	25.68	33	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	24.29	25.09	33	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM16	24.08	24.88	33	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM16	24.04	24.84	33	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM16	23.49	24.29	33	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM64	22.50	23.3	33	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM64	22.26	23.06	33	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM64	21.82	22.62	33	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM256	20.74	21.54	33	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM256	20.94	21.74	33	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM256	20.48	21.28	33	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	23.59	24.39	33	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	23.44	24.24	33	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	22.79	23.59	33	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM16	23.08	23.88	33	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM16	22.93	23.73	33	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM16	22.30	23.1	33	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM64	21.53	22.33	33	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM64	21.45	22.25	33	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM64	20.98	21.78	33	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM256	18.58	19.38	33	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM256	18.56	19.36	33	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM256	18.01	18.81	33	PASS

n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	25.32	26.12	33	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	24.62	25.42	33	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	24.35	25.15	33	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	25.33	26.13	33	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	24.52	25.32	33	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	24.27	25.07	33	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM16	24.38	25.18	33	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM16	23.78	24.58	33	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM16	23.42	24.22	33	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM64	22.89	23.69	33	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM64	22.15	22.95	33	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM64	21.71	22.51	33	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM256	20.95	21.75	33	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM256	20.56	21.36	33	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM256	20.35	21.15	33	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	23.84	24.64	33	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	23.14	23.94	33	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	22.73	23.53	33	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM16	23.41	24.21	33	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM16	22.53	23.33	33	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM16	22.14	22.94	33	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM64	21.88	22.68	33	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM64	21.17	21.97	33	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM64	20.83	21.63	33	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM256	19.02	19.82	33	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM256	18.31	19.11	33	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM256	17.83	18.63	33	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	25.23	26.03	33	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	24.57	25.37	33	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	24.01	24.81	33	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	25.27	26.07	33	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	24.50	25.3	33	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	23.96	24.76	33	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM16	24.28	25.08	33	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM16	23.59	24.39	33	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM16	22.95	23.75	33	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM64	22.72	23.52	33	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM64	22.21	23.01	33	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM64	21.60	22.4	33	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM256	20.88	21.68	33	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM256	20.85	21.65	33	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM256	20.13	20.93	33	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	23.81	24.61	33	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	23.06	23.86	33	PASS

n77(3450-3550)	30	80	633334	1@215	CP_QPSK	22.39	23.19	33	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM16	23.21	24.01	33	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM16	22.71	23.51	33	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM16	22.01	22.81	33	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM64	21.67	22.47	33	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM64	21.06	21.86	33	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM64	20.52	21.32	33	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM256	18.87	19.67	33	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM256	18.28	19.08	33	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM256	17.63	18.43	33	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	25.17	25.97	33	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	24.90	25.7	33	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	24.04	24.84	33	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	25.18	25.98	33	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	24.83	25.63	33	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	24.06	24.86	33	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM16	24.18	24.98	33	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM16	23.83	24.63	33	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM16	23.10	23.9	33	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM64	22.61	23.41	33	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM64	22.47	23.27	33	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM64	21.80	22.6	33	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM256	20.77	21.57	33	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM256	21.10	21.9	33	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM256	20.25	21.05	33	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	23.66	24.46	33	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	23.29	24.09	33	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QPSK	22.50	23.3	33	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM16	23.12	23.92	33	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM16	22.94	23.74	33	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM16	22.17	22.97	33	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM64	21.59	22.39	33	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM64	21.42	22.22	33	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM64	20.63	21.43	33	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM256	18.69	19.49	33	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM256	18.60	19.4	33	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM256	17.74	18.54	33	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	25.33	26.13	33	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	24.39	25.19	33	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	23.79	24.59	33	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	25.30	26.1	33	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	24.41	25.21	33	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	23.82	24.62	33	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM16	24.24	25.04	33	PASS

n77(3450-3550)	30	90	633000	1@1	DFT_QAM16	23.40	24.2	33	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM16	22.83	23.63	33	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM64	22.80	23.6	33	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM64	22.10	22.9	33	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM64	21.41	22.21	33	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM256	20.93	21.73	33	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM256	20.65	21.45	33	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM256	20.03	20.83	33	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	23.74	24.54	33	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	22.88	23.68	33	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	22.24	23.04	33	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM16	23.23	24.03	33	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM16	22.49	23.29	33	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM16	22.17	22.97	33	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM64	21.66	22.46	33	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM64	20.78	21.58	33	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM64	20.28	21.08	33	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM256	18.84	19.64	33	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM256	17.76	18.56	33	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM256	17.62	18.42	33	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	25.19	25.99	33	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	24.35	25.15	33	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	23.80	24.6	33	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	25.26	26.06	33	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	24.26	25.06	33	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	23.76	24.56	33	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM16	24.19	24.99	33	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM16	23.28	24.08	33	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM16	22.99	23.79	33	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM64	22.68	23.48	33	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM64	22.01	22.81	33	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM64	21.48	22.28	33	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM256	20.89	21.69	33	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM256	20.57	21.37	33	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM256	19.91	20.71	33	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	23.68	24.48	33	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	23.01	23.81	33	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	22.44	23.24	33	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM16	23.14	23.94	33	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM16	22.43	23.23	33	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM16	21.86	22.66	33	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM64	21.58	22.38	33	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM64	20.85	21.65	33	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM64	20.34	21.14	33	PASS



n77(3450-3550)	30	90	633334	123@61	CP_QAM256	18.71	19.51	33	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM256	17.69	18.49	33	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM256	17.19	17.99	33	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	25.21	26.01	33	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	24.60	25.4	33	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	23.96	24.76	33	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	25.15	25.95	33	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	24.36	25.16	33	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	23.95	24.75	33	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM16	24.20	25	33	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM16	23.54	24.34	33	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM16	23.34	24.14	33	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM64	22.69	23.49	33	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM64	22.15	22.95	33	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM64	21.57	22.37	33	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM256	20.84	21.64	33	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM256	20.53	21.33	33	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM256	20.04	20.84	33	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	23.56	24.36	33	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	22.93	23.73	33	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	22.59	23.39	33	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM16	23.07	23.87	33	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM16	22.39	23.19	33	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM16	21.82	22.62	33	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM64	21.53	22.33	33	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM64	20.89	21.69	33	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM64	20.43	21.23	33	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM256	18.76	19.56	33	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM256	18.28	19.08	33	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM256	17.34	18.14	33	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	25.17	25.97	33	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	24.32	25.12	33	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	23.87	24.67	33	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	25.21	26.01	33	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	24.21	25.01	33	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	23.80	24.6	33	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM16	24.19	24.99	33	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM16	23.61	24.41	33	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM16	23.18	23.98	33	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM64	22.71	23.51	33	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM64	21.89	22.69	33	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM64	21.47	22.27	33	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM256	20.90	21.7	33	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM256	20.45	21.25	33	PASS

n77(3450-3550)	30	100	633334	1@271	DFT_QAM256	20.03	20.83	33	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	23.72	24.52	33	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	22.64	23.44	33	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	22.12	22.92	33	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM16	23.16	23.96	33	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM16	22.16	22.96	33	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM16	21.70	22.5	33	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM64	21.66	22.46	33	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM64	20.71	21.51	33	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM64	20.27	21.07	33	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM256	18.81	19.61	33	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM256	17.98	18.78	33	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM256	17.46	18.26	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	3.85	-8.06	0.00	Within authorized band for 5G NR n77	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	3.50	-10.63	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	4.40	-8.11	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	3.85	-12.42	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	3.50	-6.97	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	4.40	-8.16	0.00		PASS

Note: Only the worst case shown in the report.

NV:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature (°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	-30	-21.1	-0.01	Within authorized band for 5G NR n77	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	-20	-16.49	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	-10	-13.77	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	0	-18.4	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	10	-20.8	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	20	-16.32	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	30	-13.82	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	40	-18.59	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	50	-19.02	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-30	-19.73	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-20	-14.38	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-10	-15.24	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	0	-13.35	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	10	-19.55	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	20	-23.67	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	30	-15.97	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	40	-21.09	-0.01	PASS	
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	50	-21.17	-0.01	PASS	

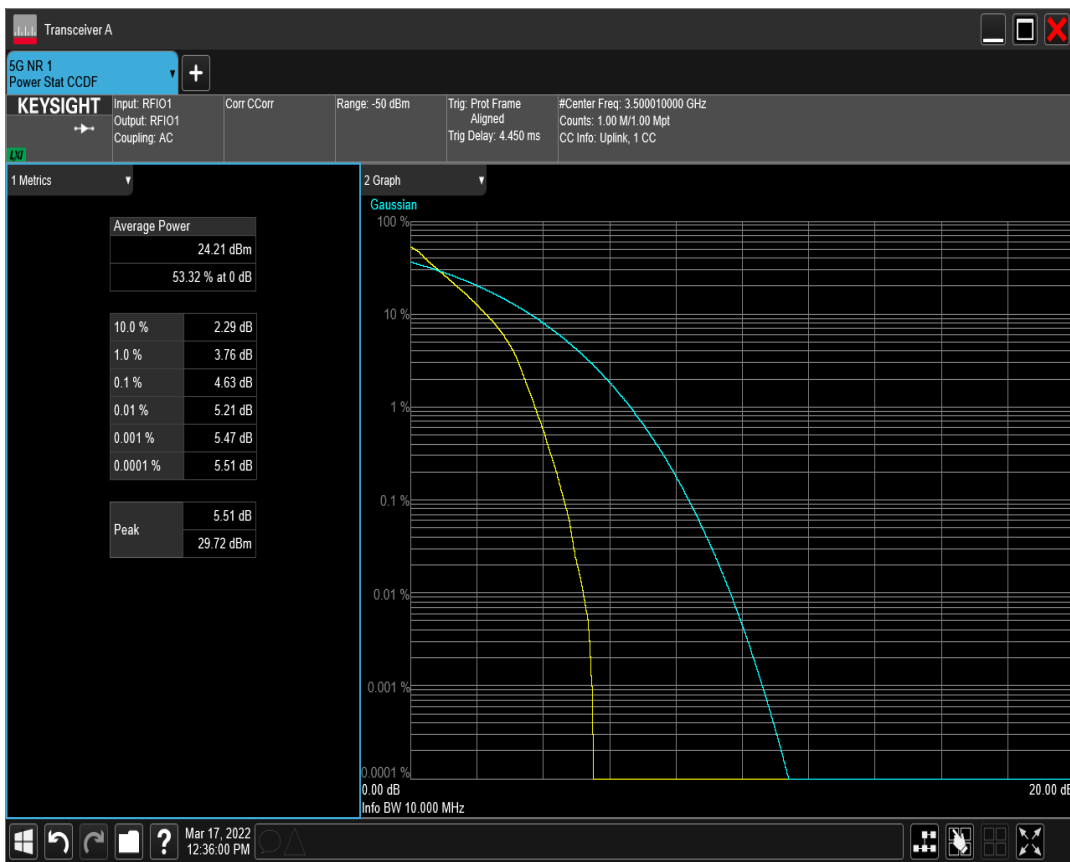
Note: Only the worst case shown in the report.

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

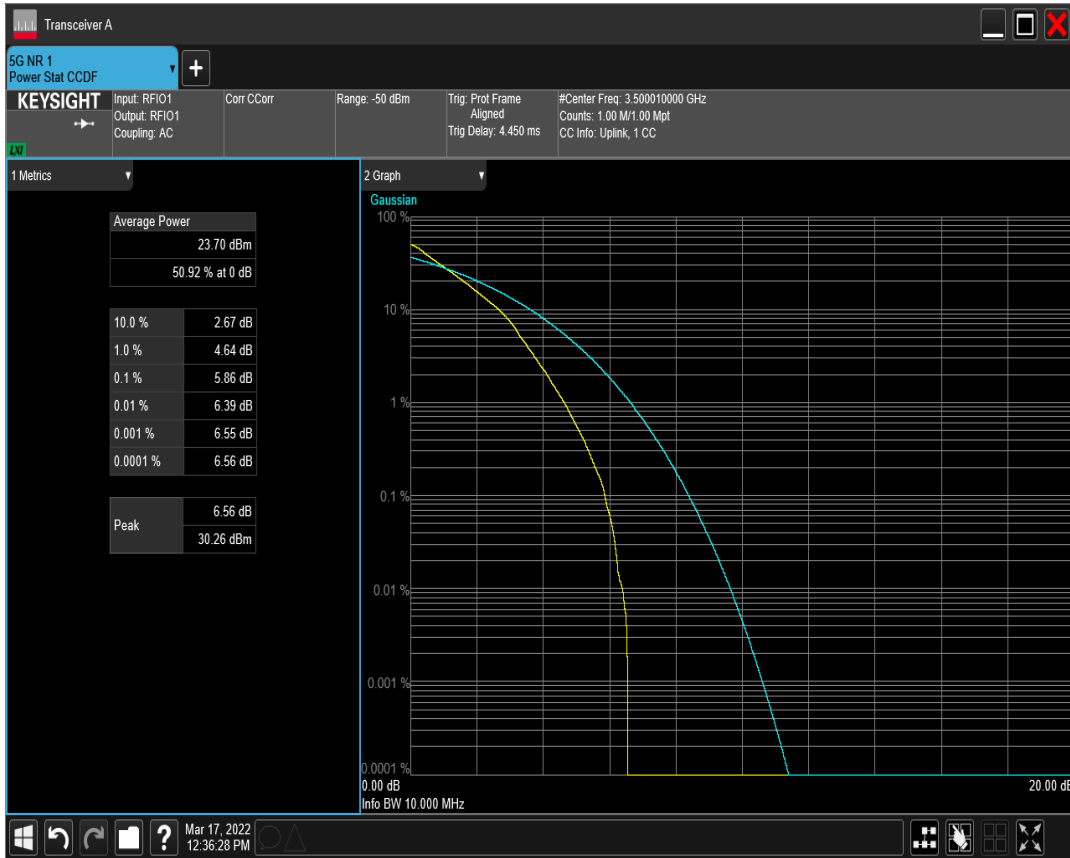
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	4.63	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	5.86	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	6.53	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	6.79	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	6.73	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	4.78	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	5.76	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	6.59	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	6.74	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	6.90	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	4.76	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	5.76	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	6.50	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	6.79	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	6.81	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	4.78	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	5.82	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	6.60	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	6.77	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	6.84	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	4.74	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	5.89	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	6.58	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	6.78	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	6.83	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	5.09	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	5.86	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	6.63	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	6.83	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	6.85	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	4.76	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	5.80	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	6.66	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	6.84	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	6.77	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	5.31	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	5.86	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	6.53	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	6.79	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	6.98	13	PASS

n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	4.97	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	5.85	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	6.60	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	6.83	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	6.89	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	5.28	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	5.77	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	6.52	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	6.84	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	6.97	13	PASS

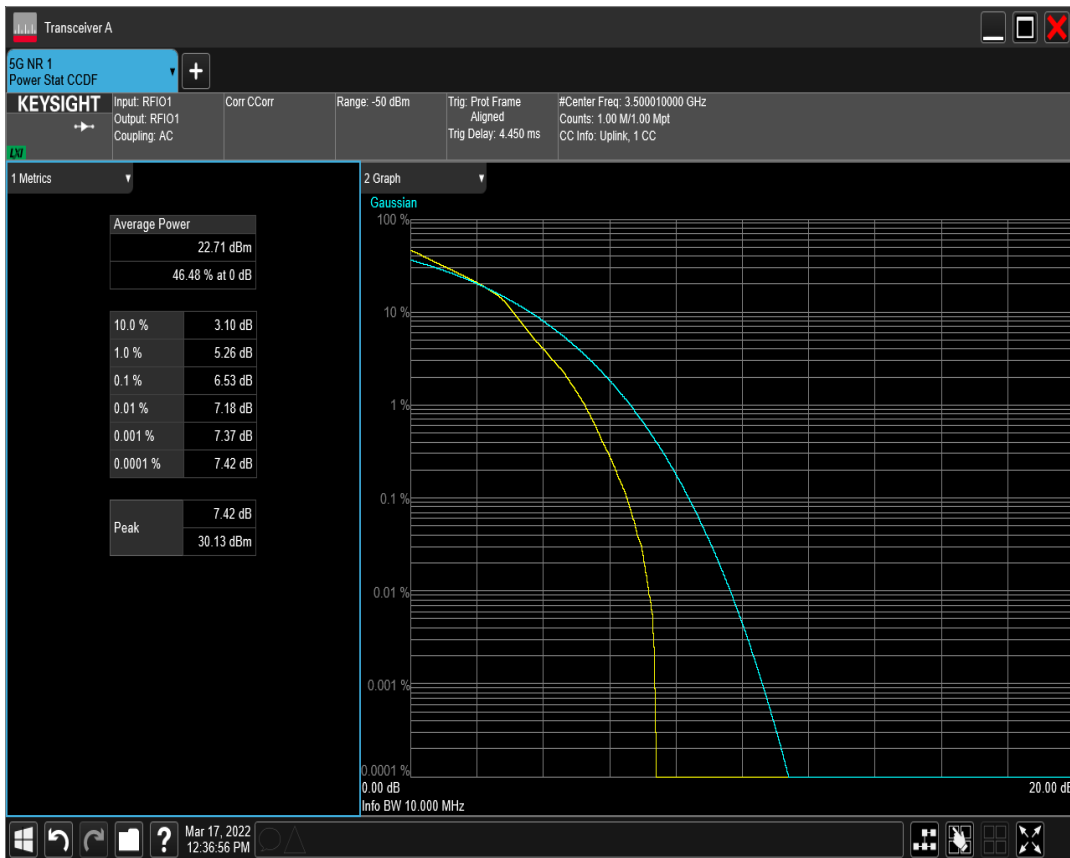
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=10MHz Channel=633334 RB=24@0



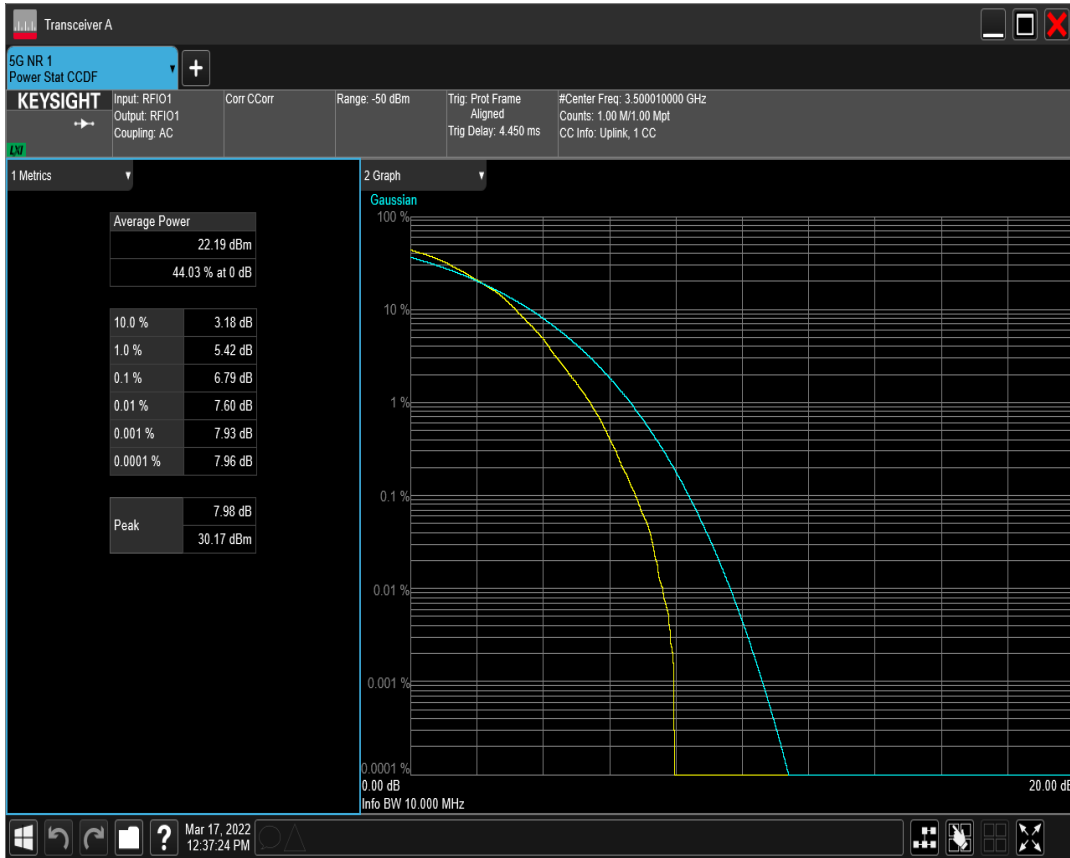
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=10MHz Channel=633334 RB=24@0



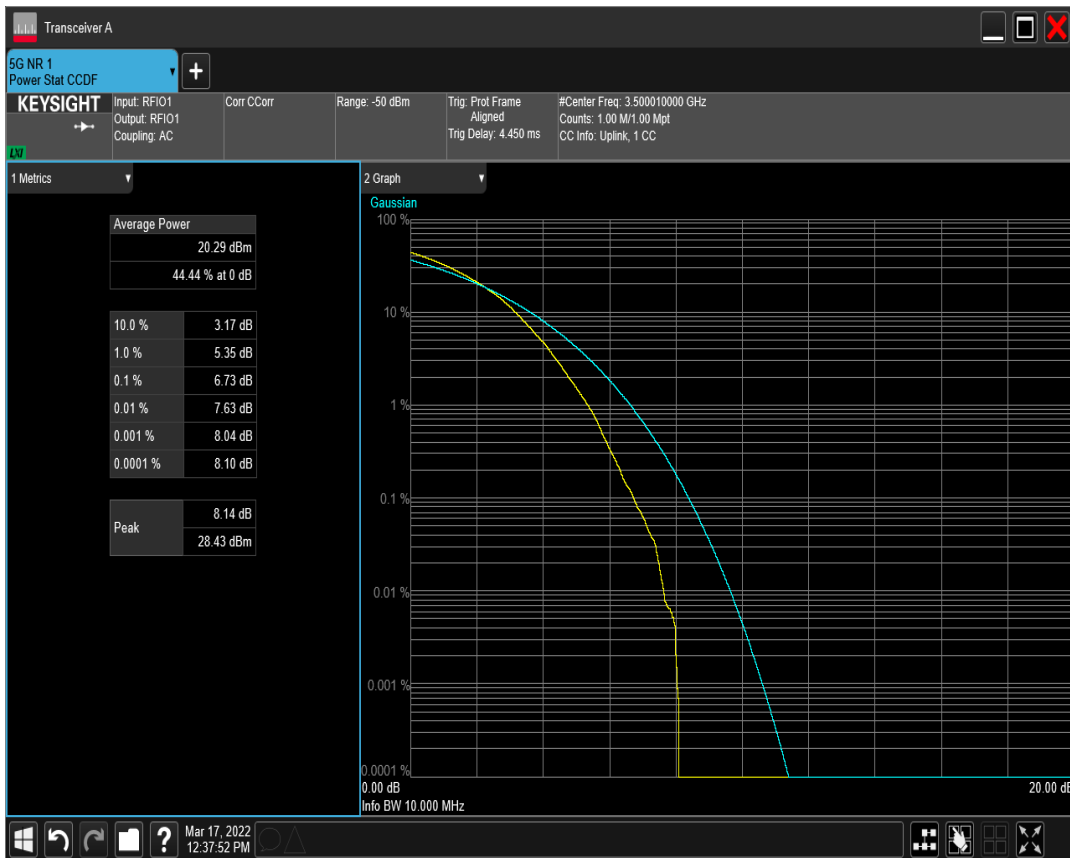
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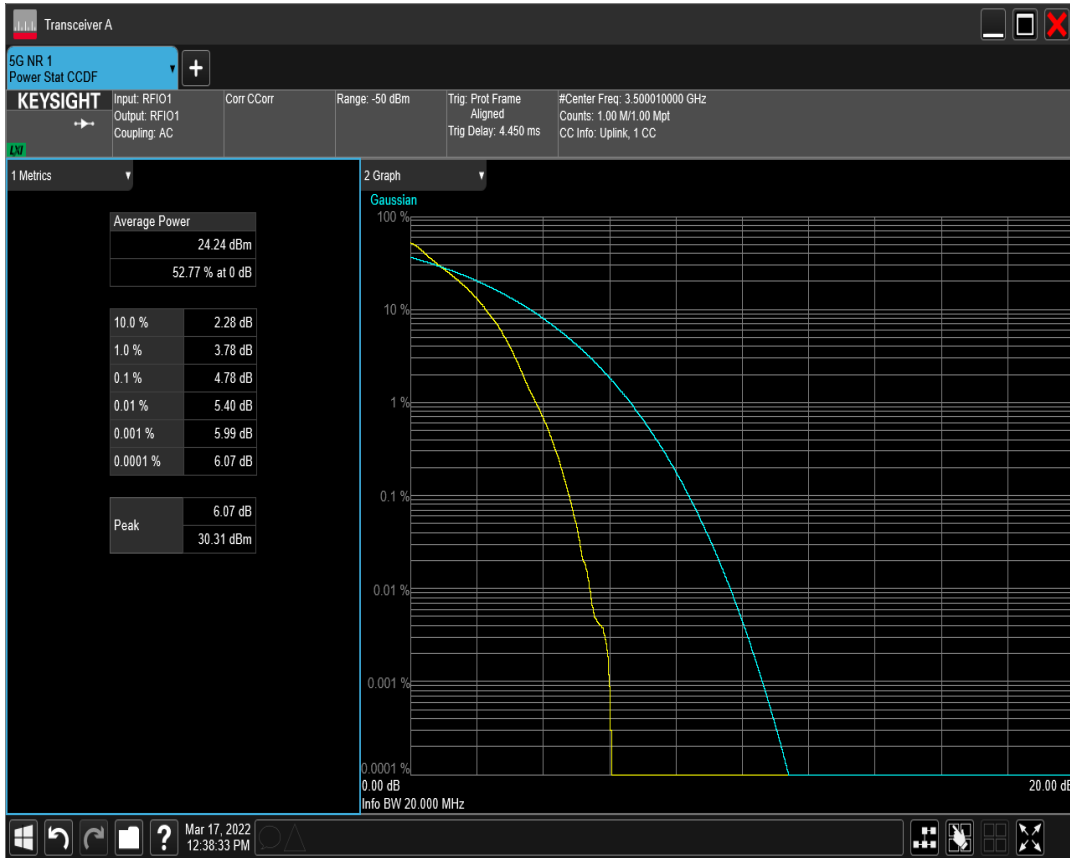
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=10MHz Channel=633334 RB=24@0



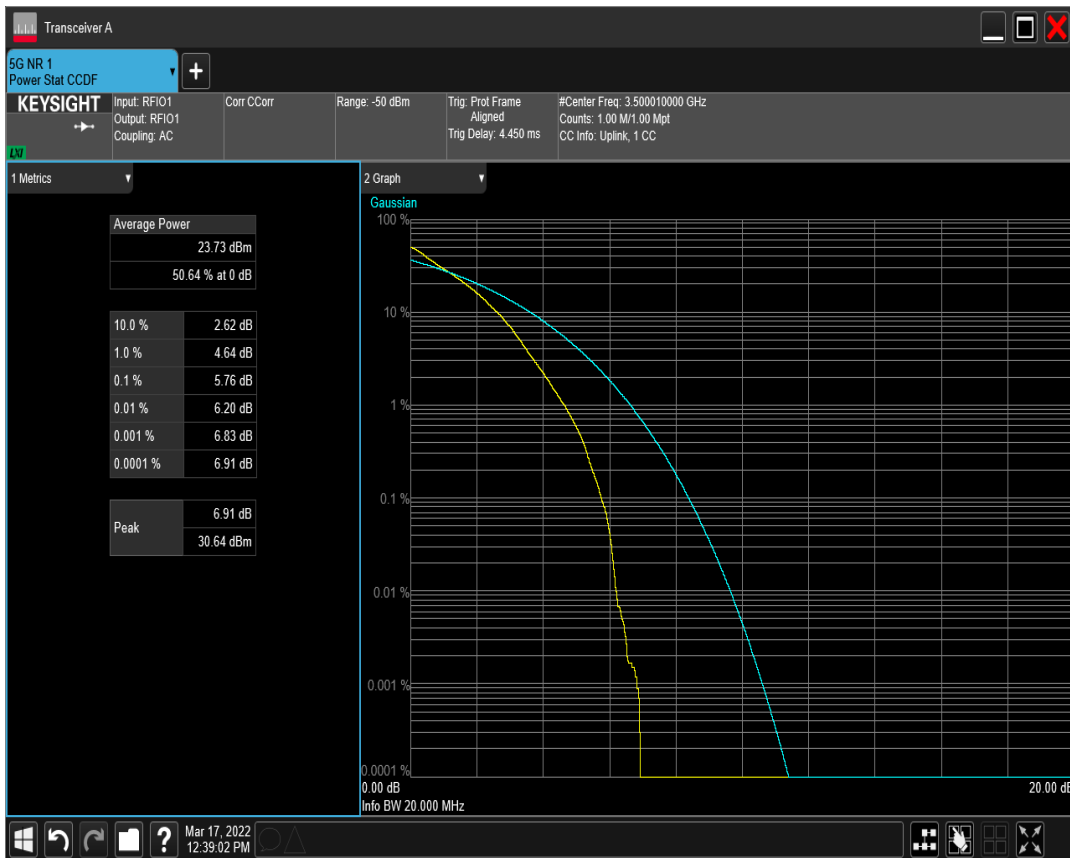
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=10MHz Channel=633334 RB=24@0



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

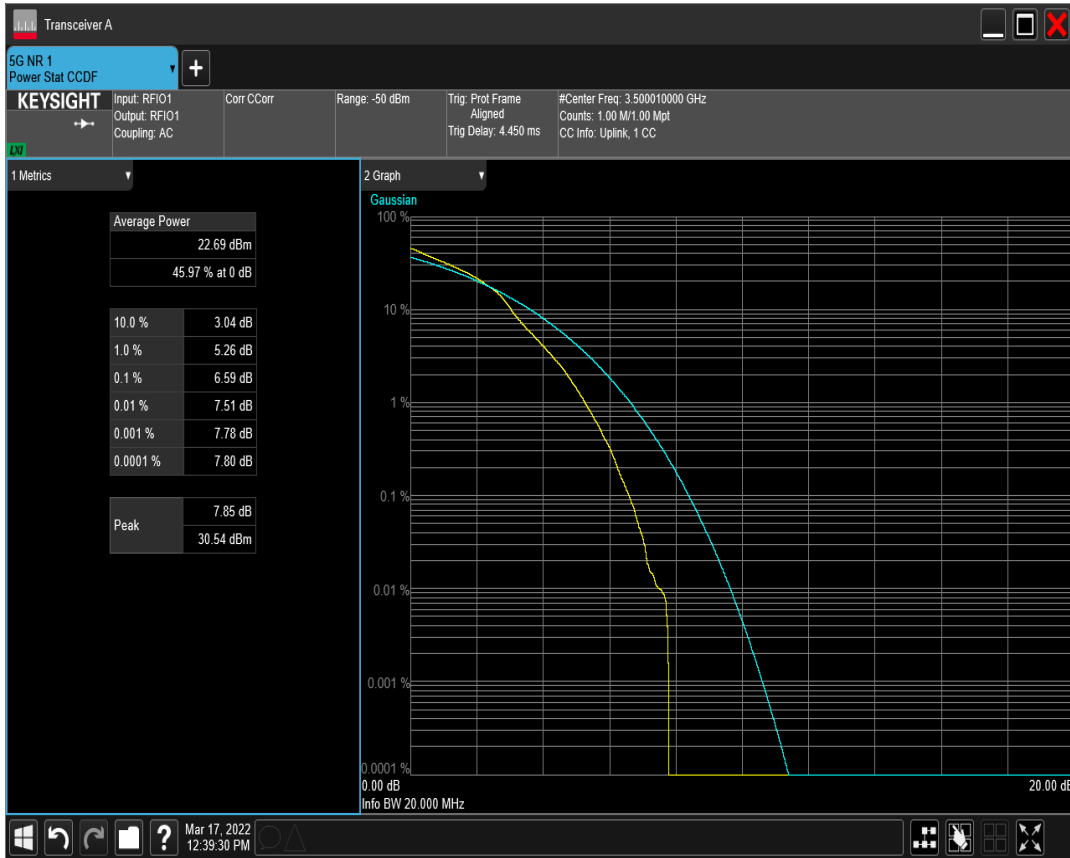


n77(3450-3550) SCS=30kHz DFT\_QPSK BW=15MHz Channel=633334 RB=36@0

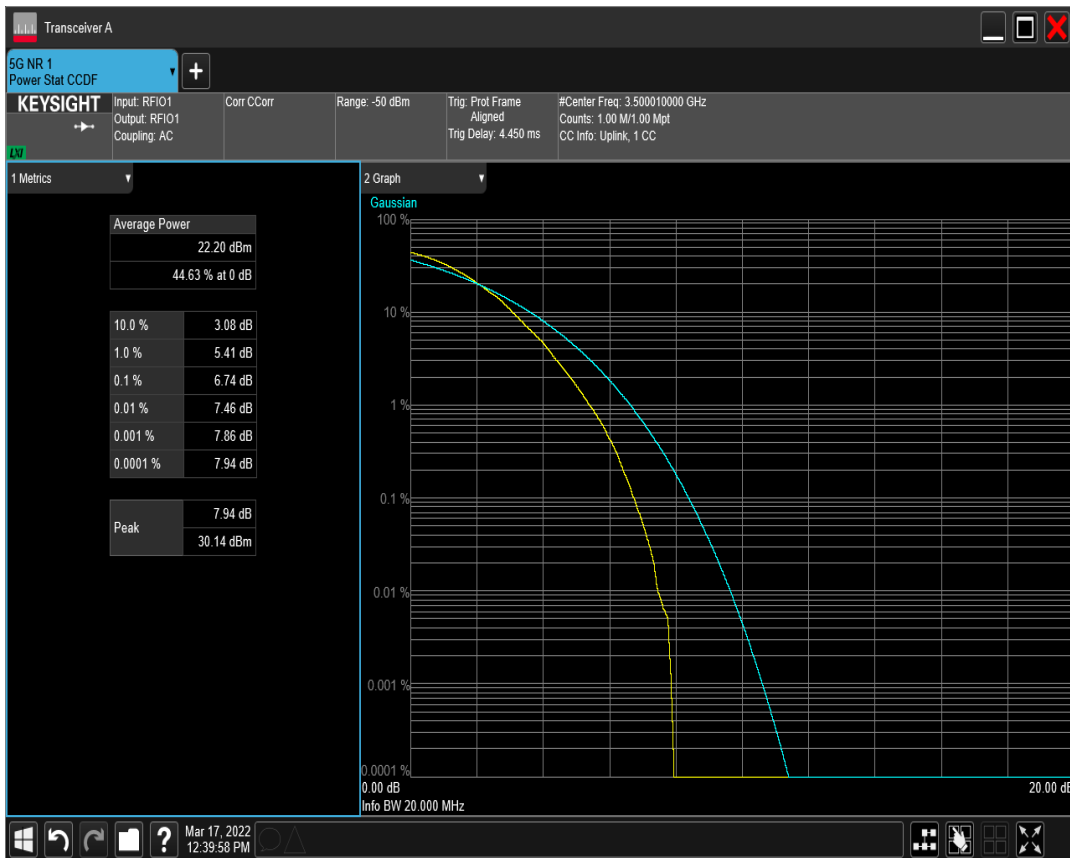


n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=15MHz Channel=633334 RB=36@0

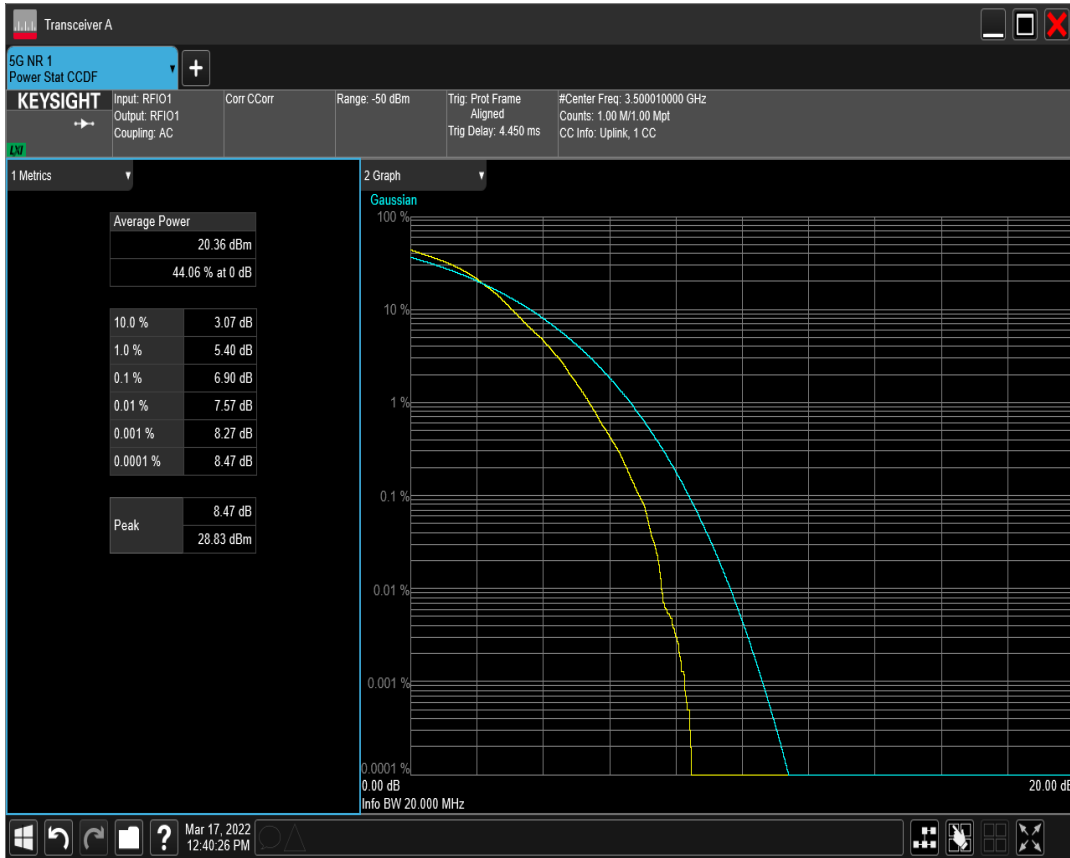




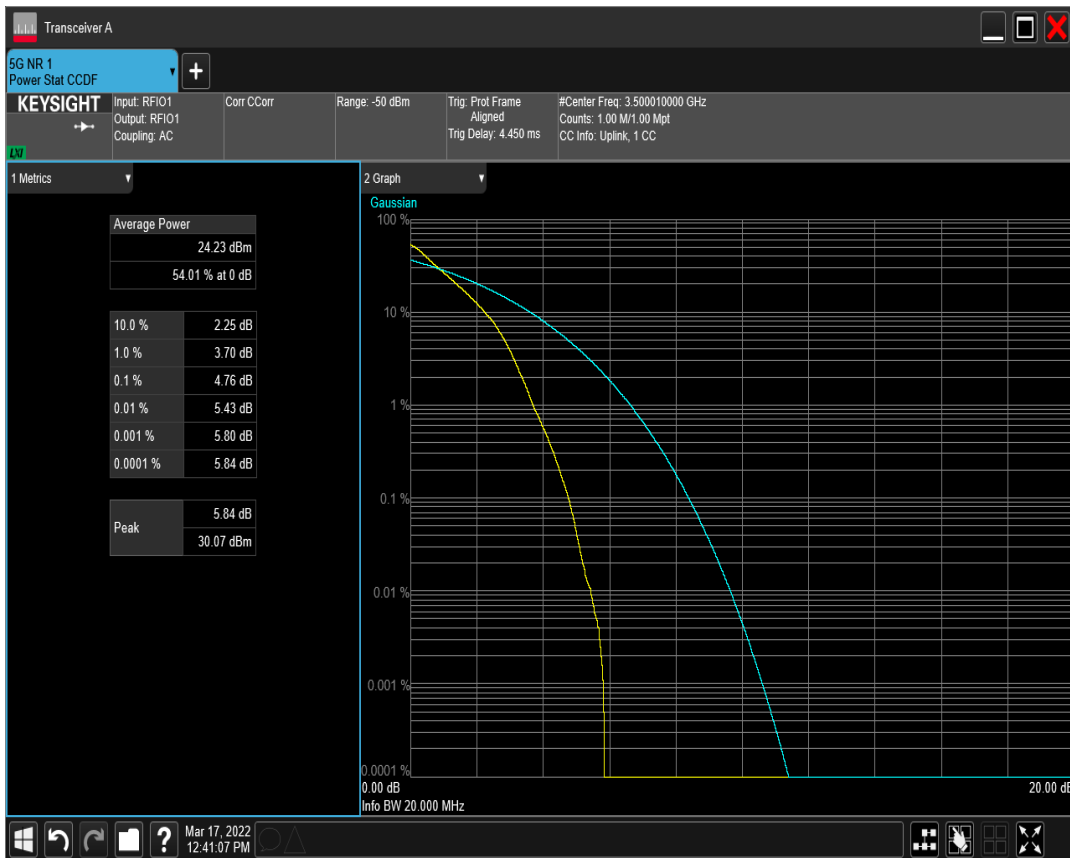
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=15MHz Channel=633334 RB=36@0



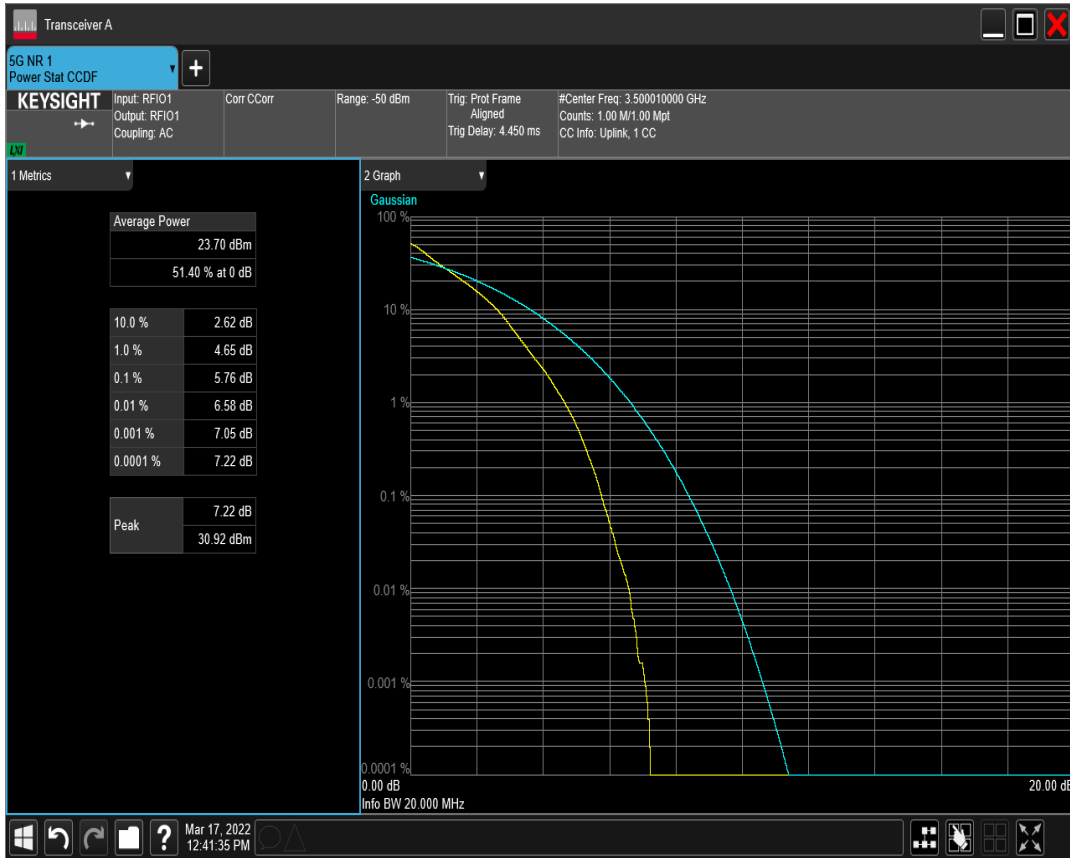
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=15MHz Channel=633334 RB=36@0



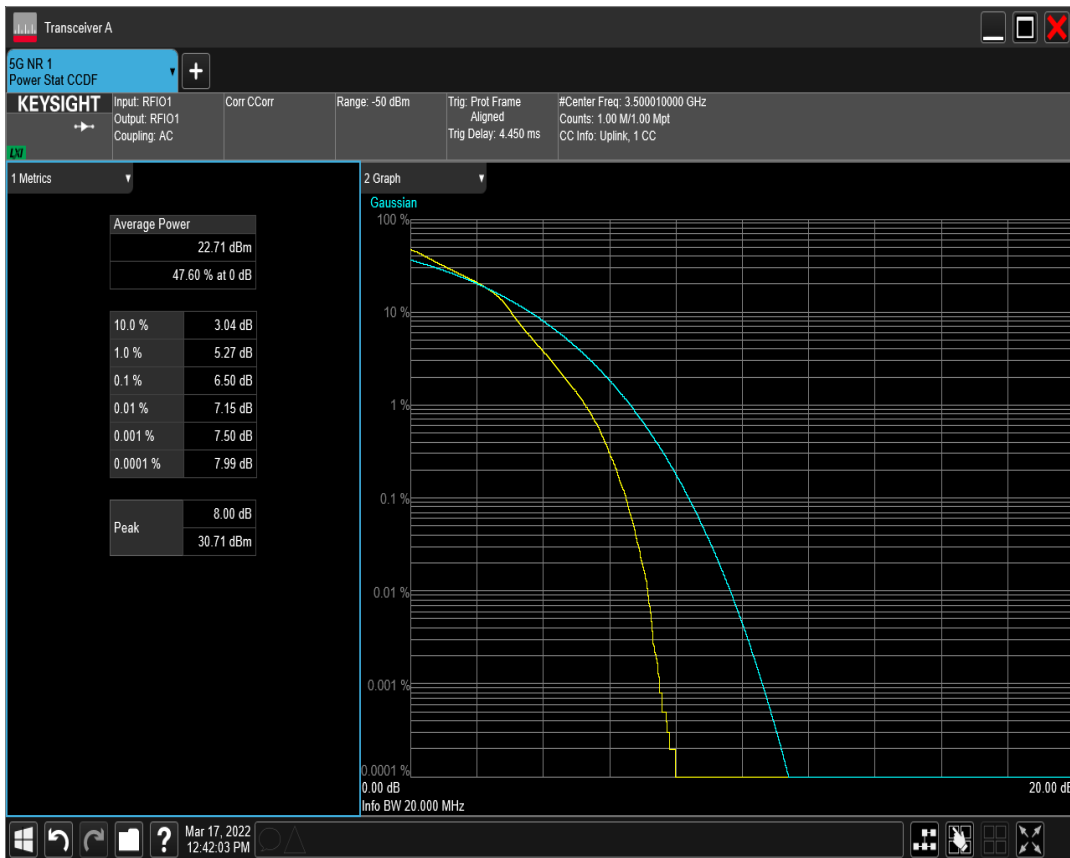
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=20MHz Channel=633334 RB=50@0



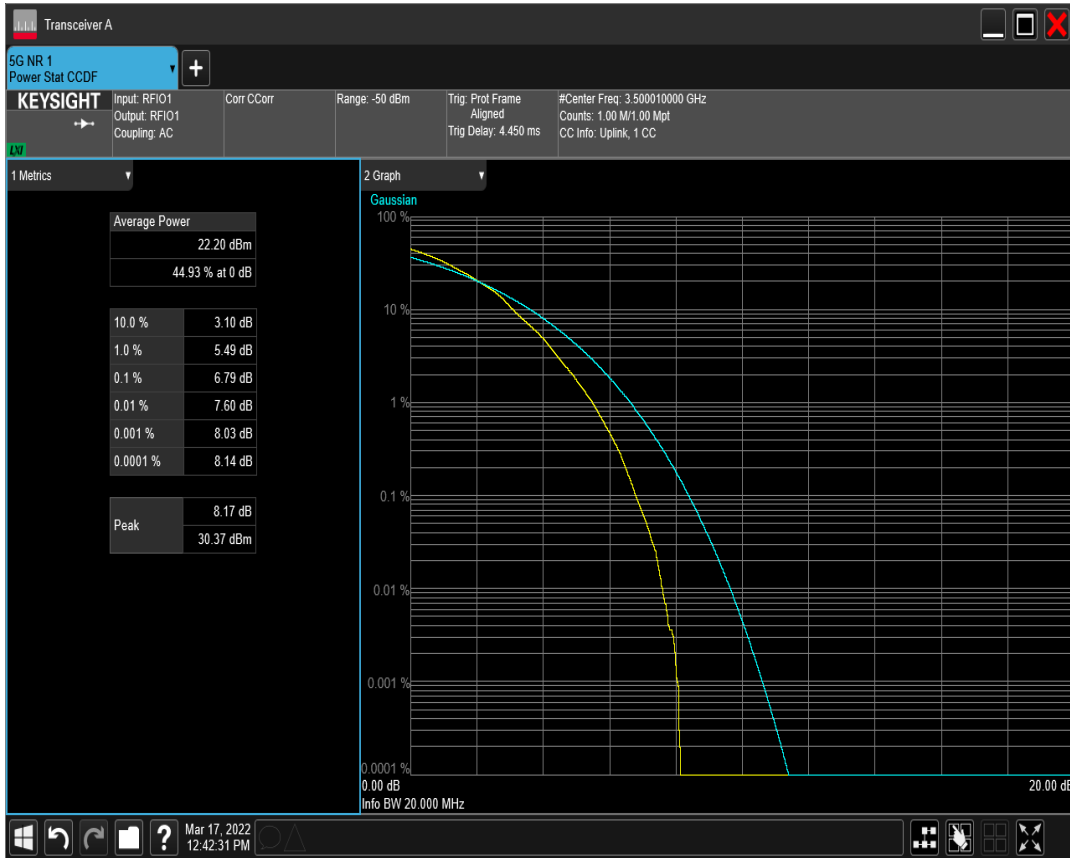
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=20MHz Channel=633334 RB=50@0



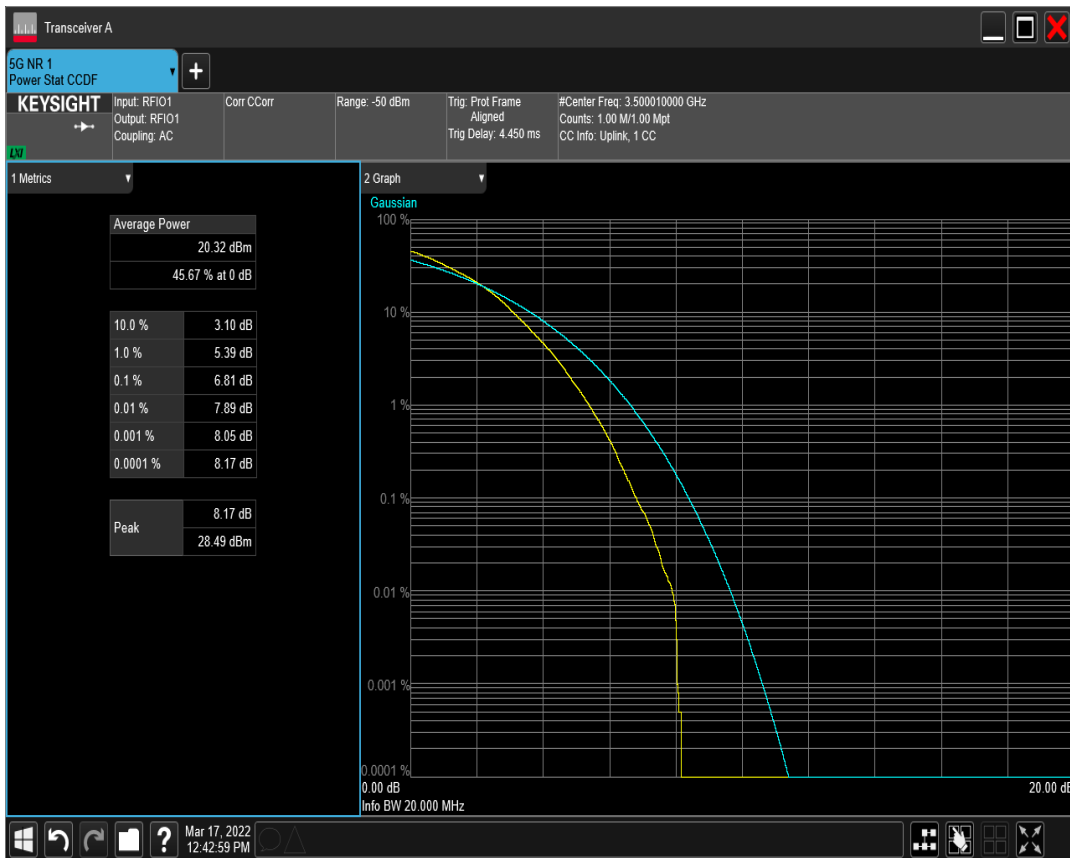
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=20MHz Channel=633334 RB=50@0



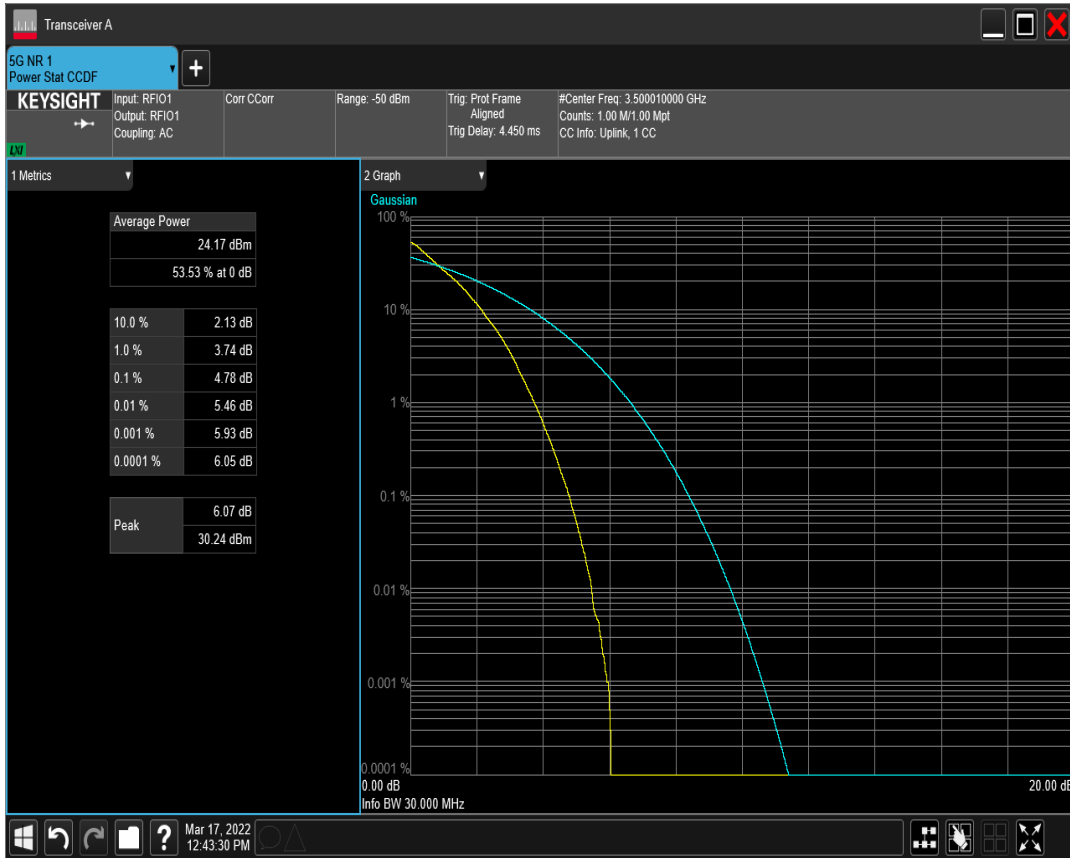
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=20MHz Channel=633334 RB=50@0



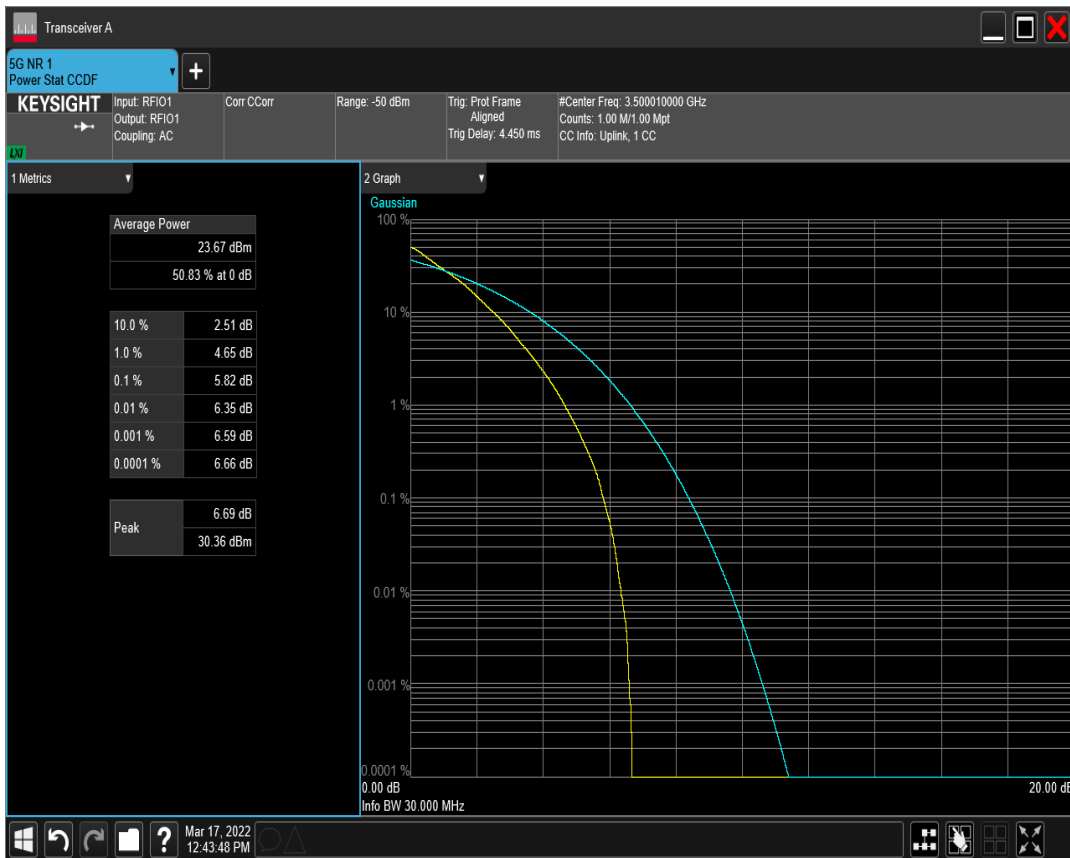
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=20MHz Channel=633334 RB=50@0



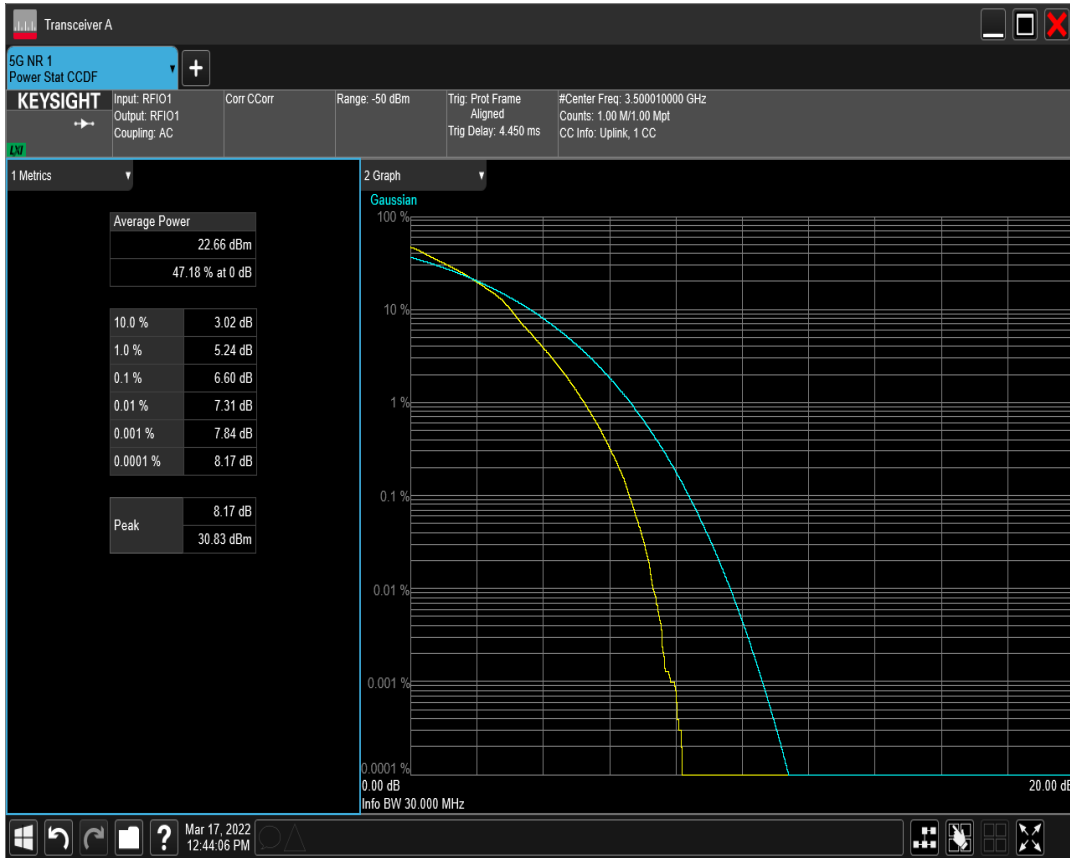
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=30MHz Channel=633334 RB=75@0



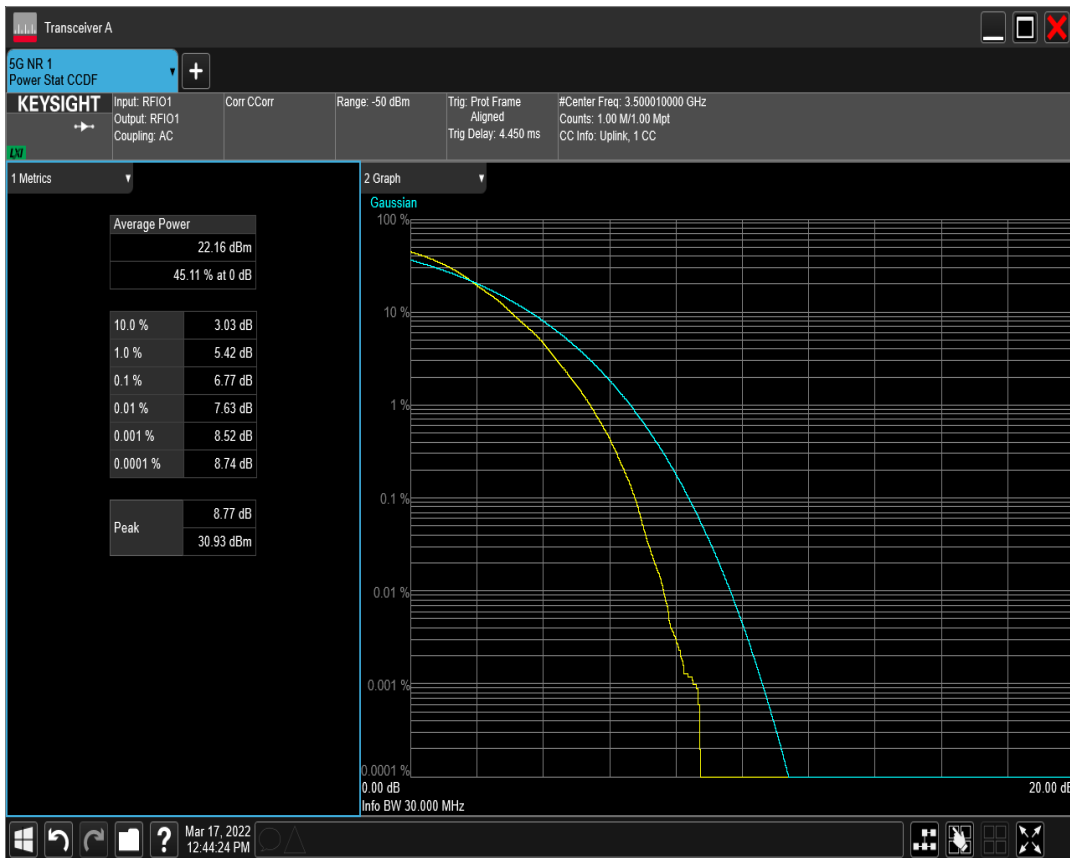
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=30MHz Channel=633334 RB=75@0



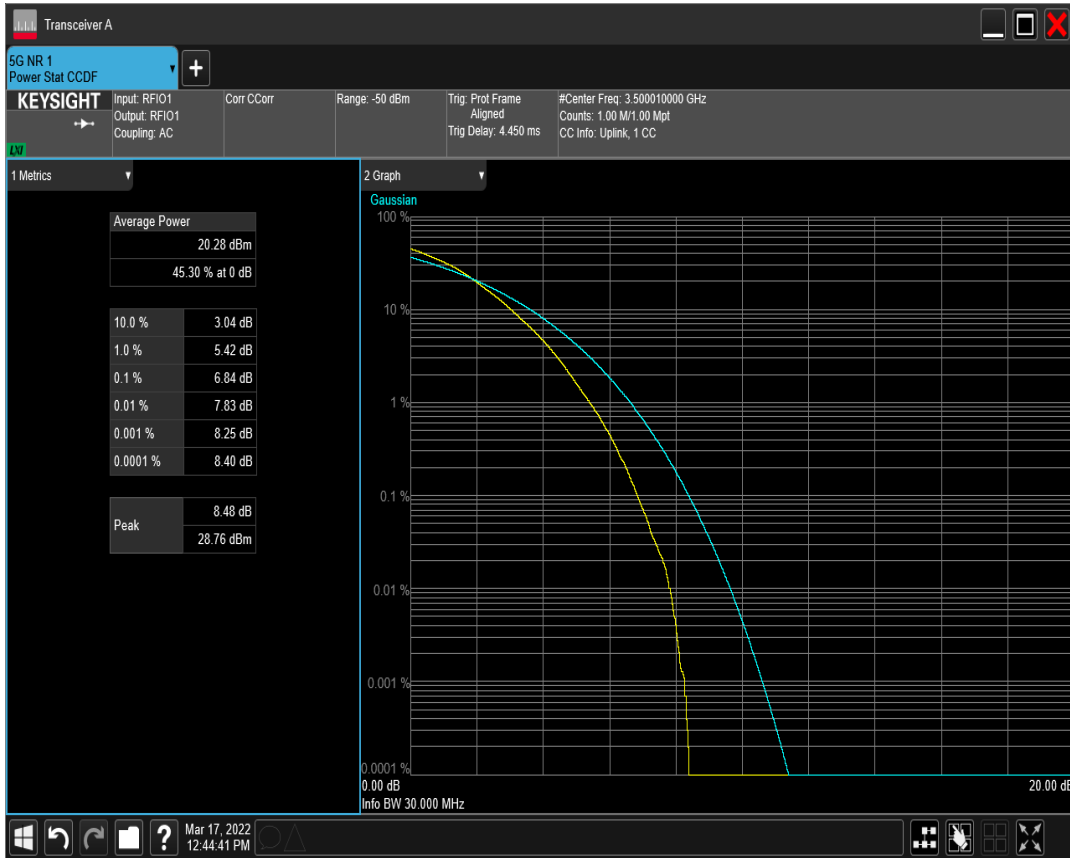
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=30MHz Channel=633334 RB=75@0



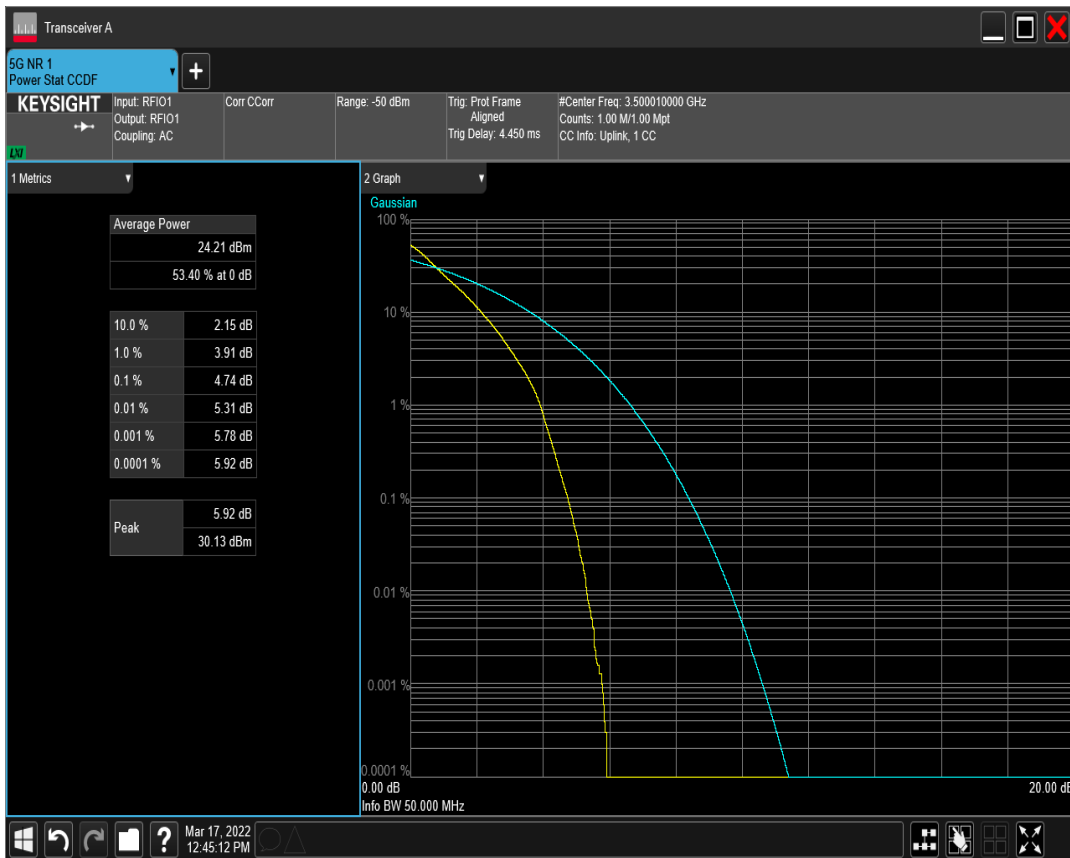
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=633334 RB=75@0



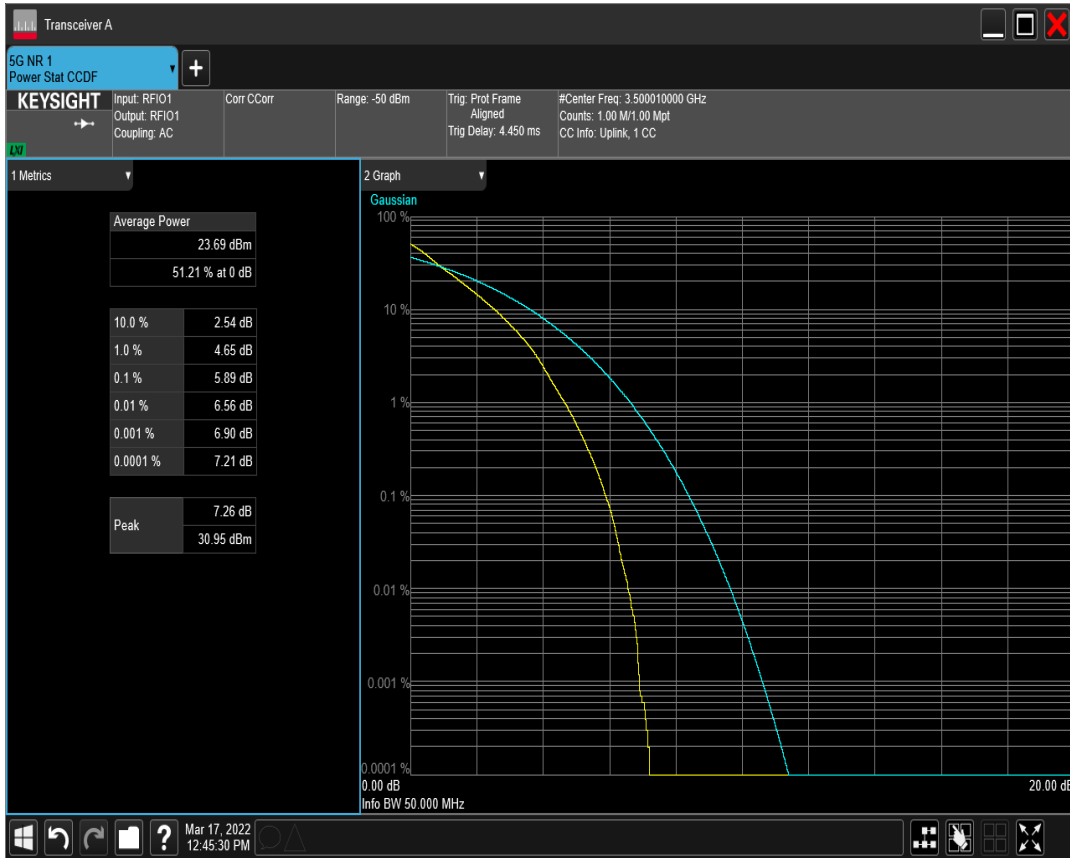
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=30MHz Channel=633334 RB=75@0



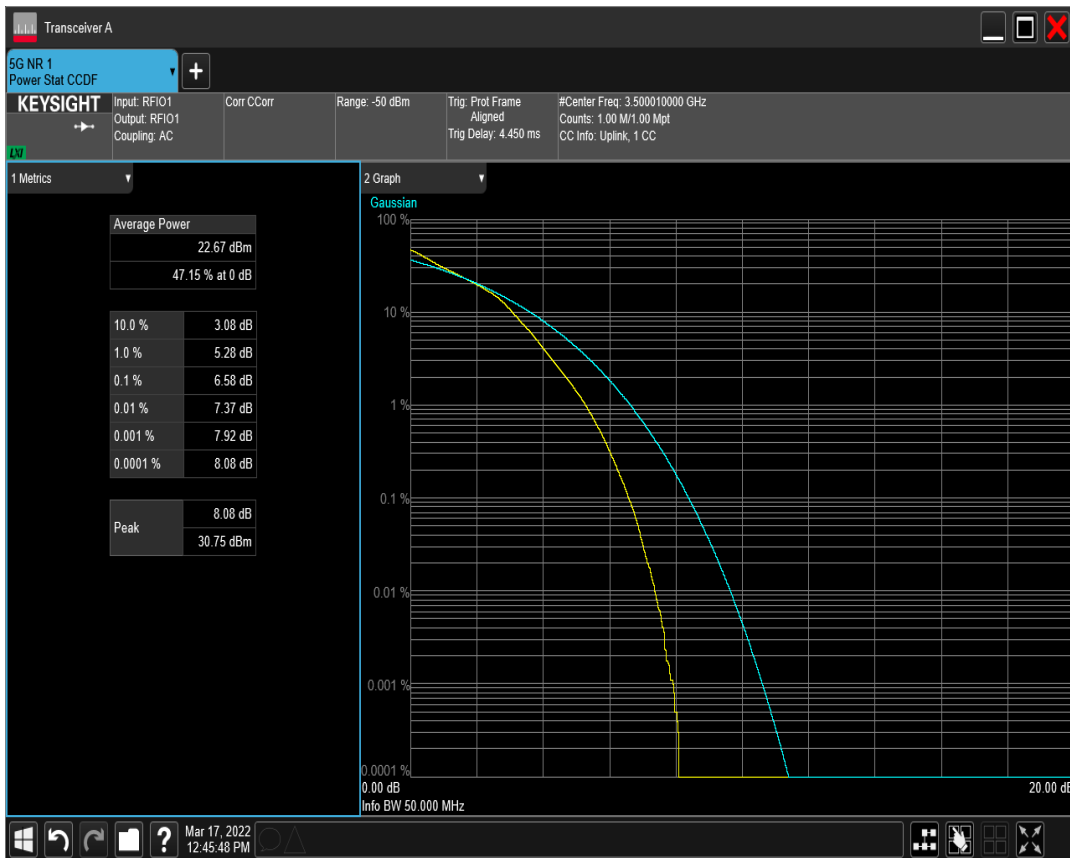
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=40MHz Channel=633334 RB=100@0



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

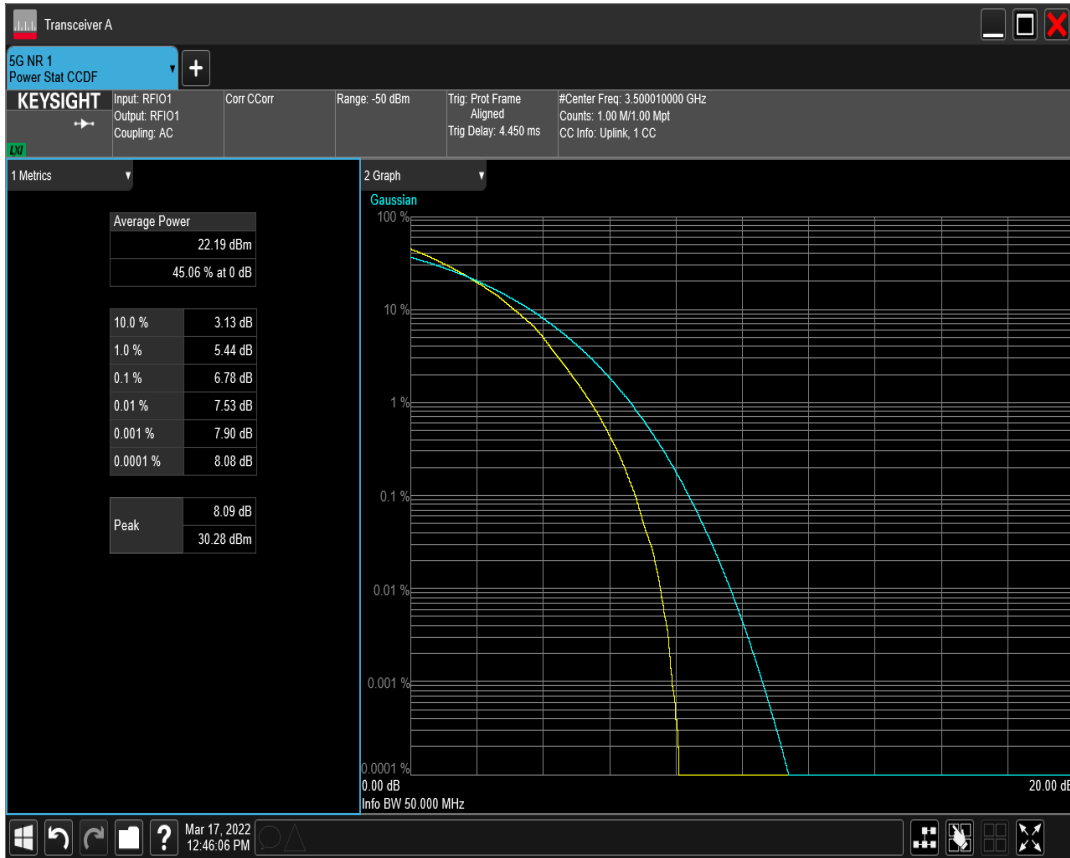


n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=40MHz Channel=633334 RB=100@0

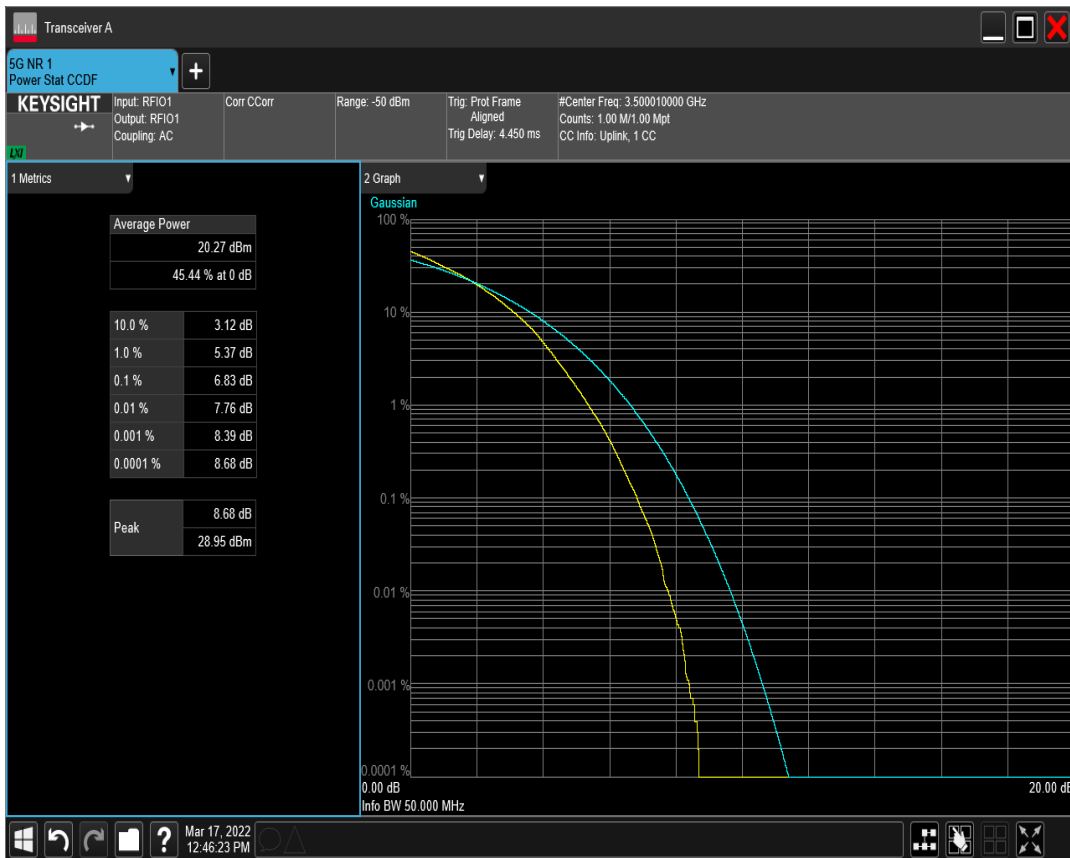


n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=40MHz Channel=633334 RB=100@0

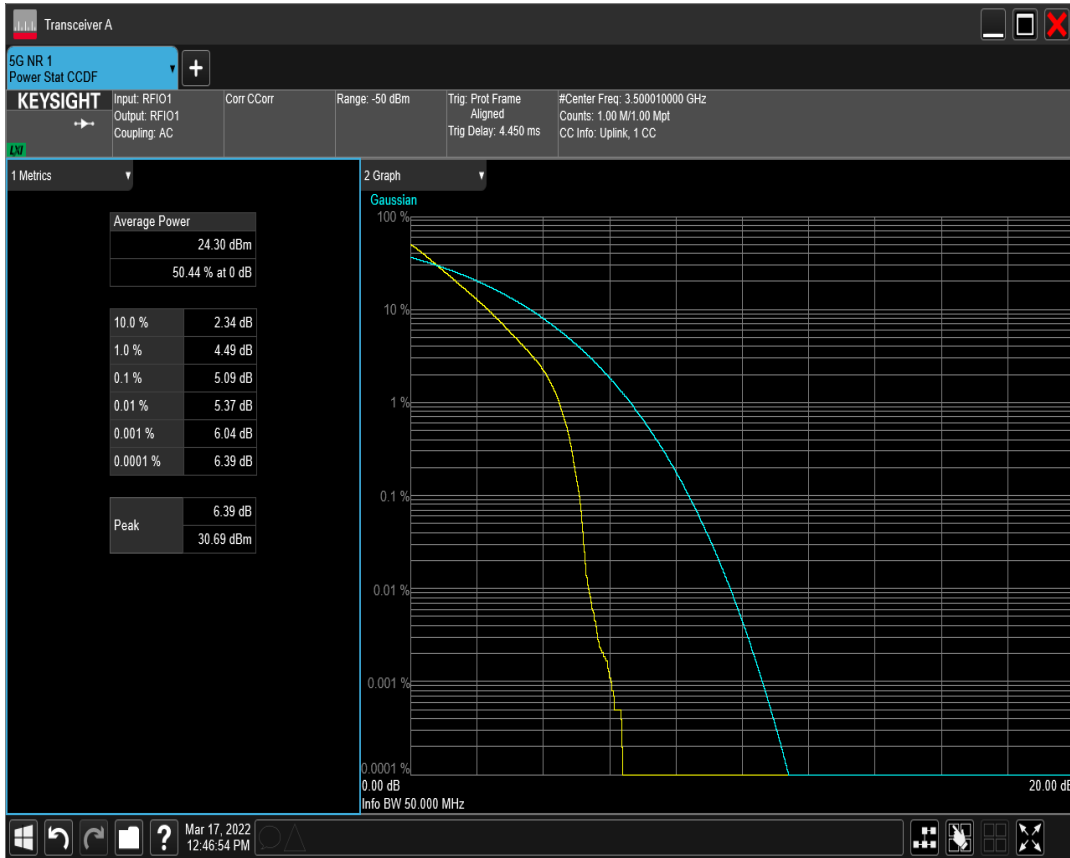




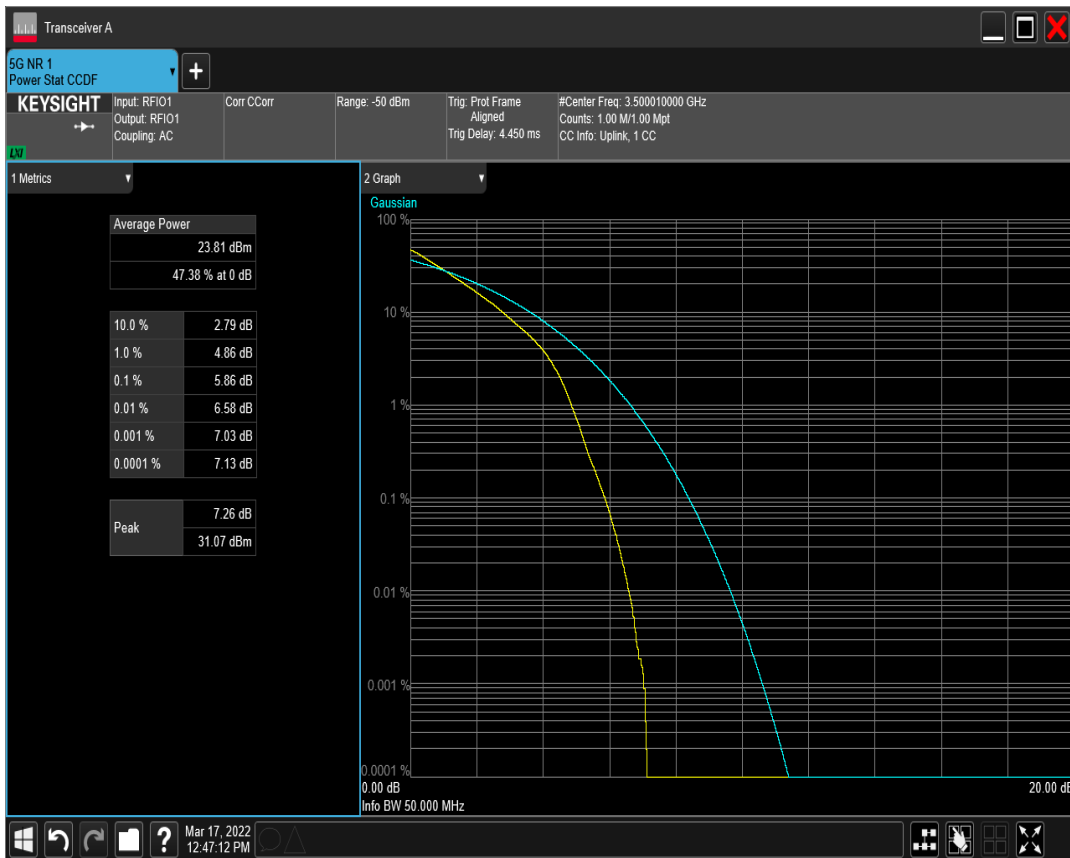
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=40MHz Channel=633334 RB=100@0



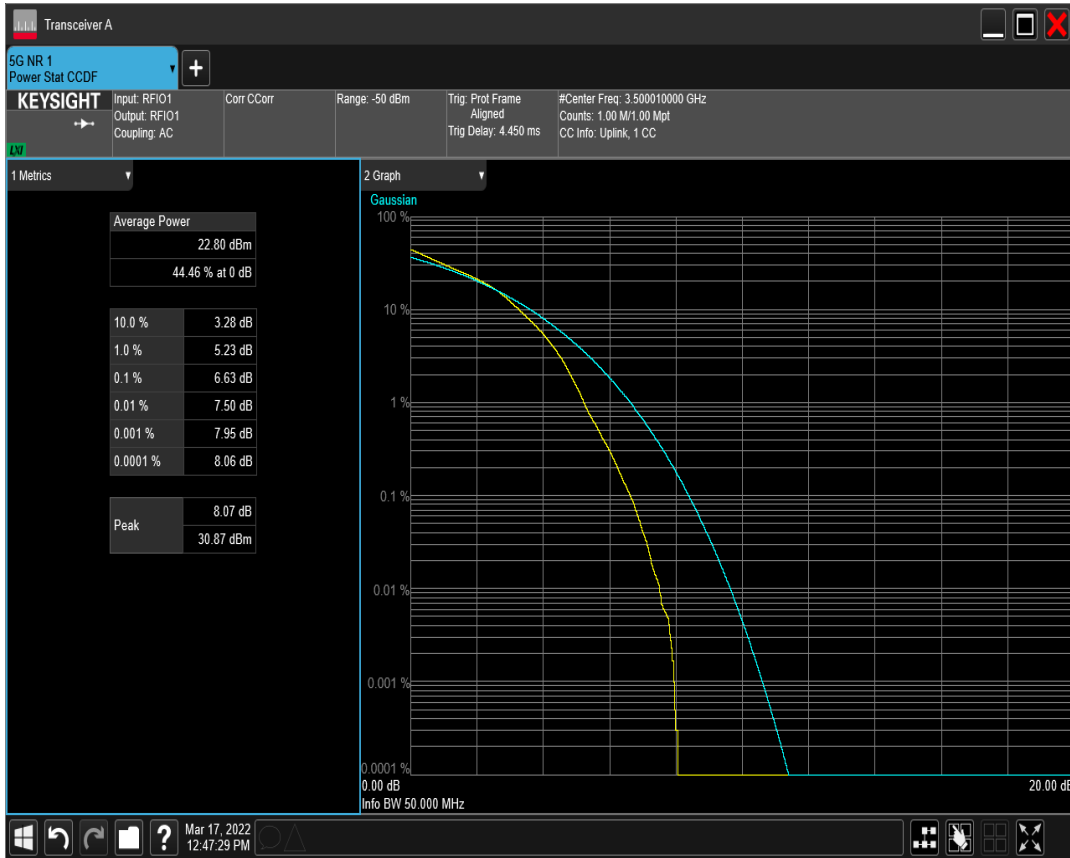
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=50MHz Channel=633334 RB=128@0



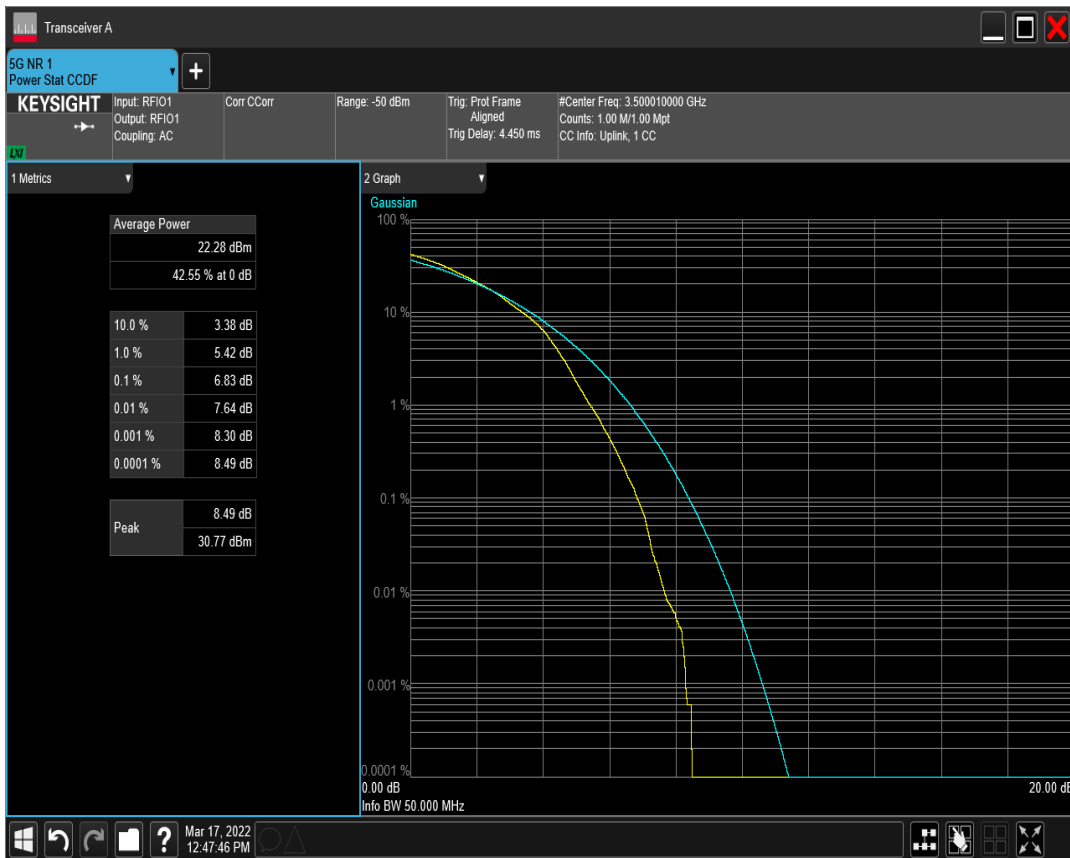
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=50MHz Channel=633334 RB=128@0



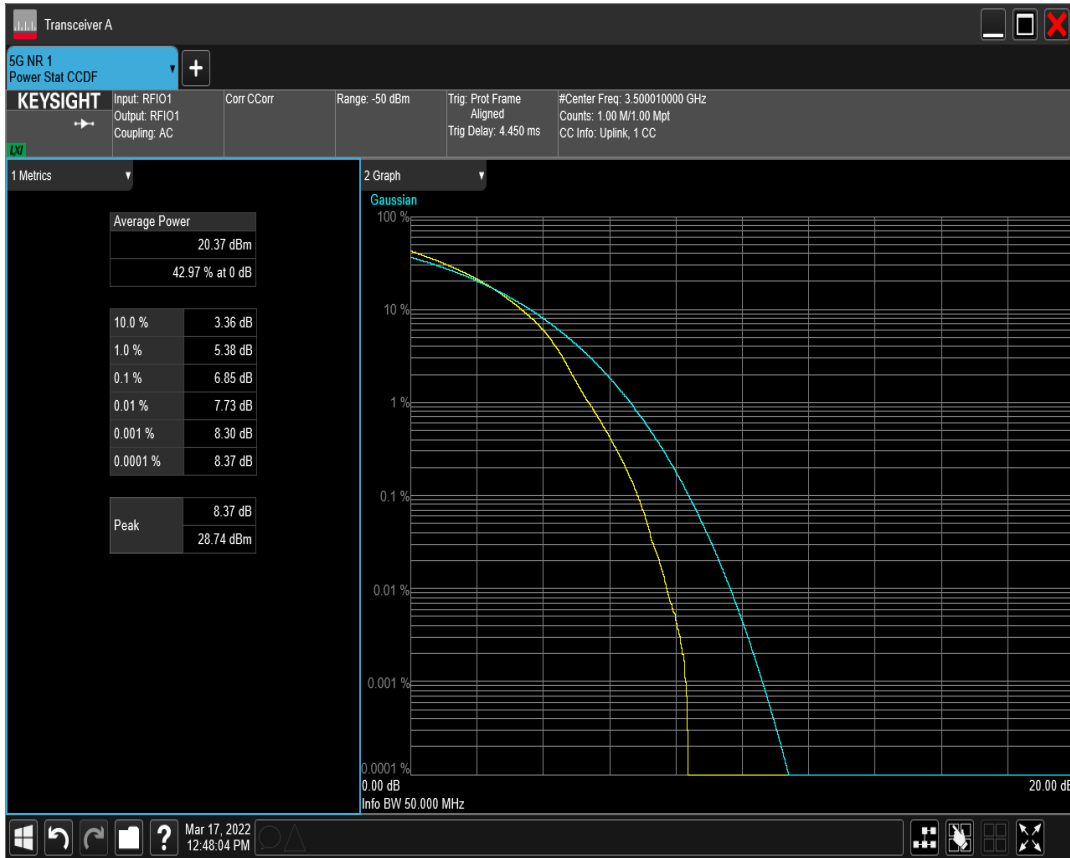
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=50MHz Channel=633334 RB=128@0



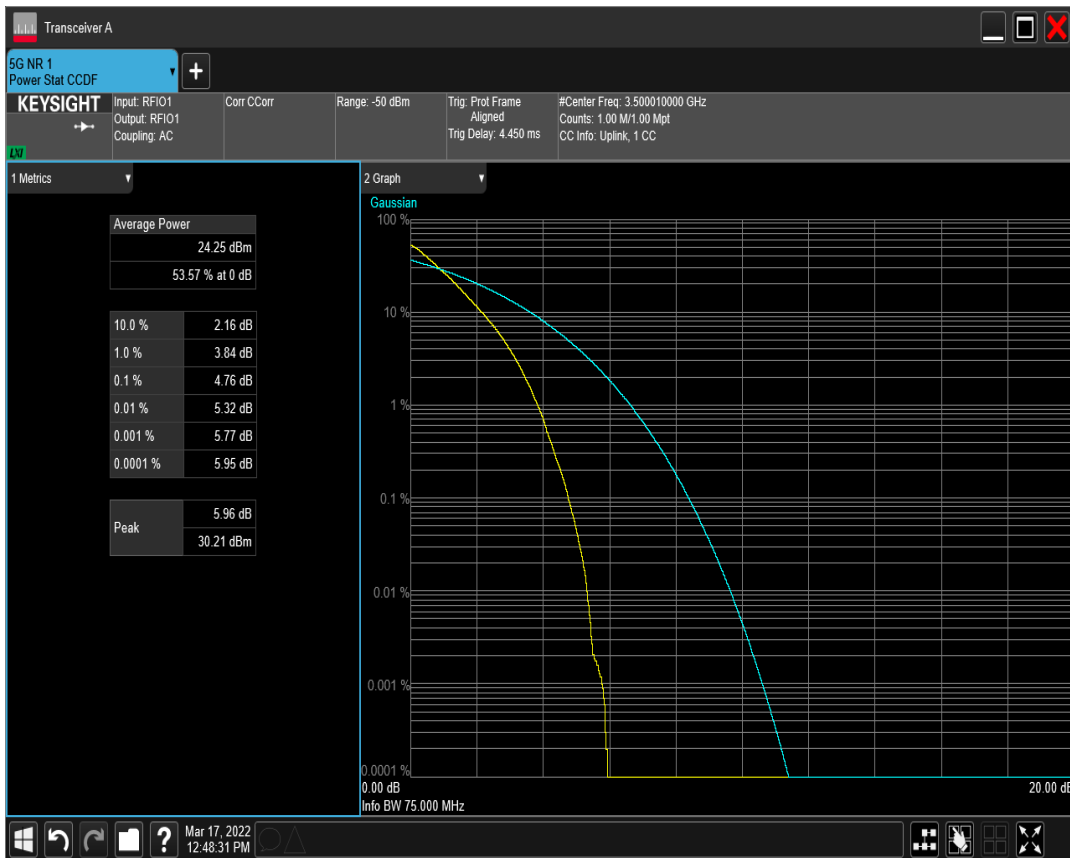
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=50MHz Channel=633334 RB=128@0



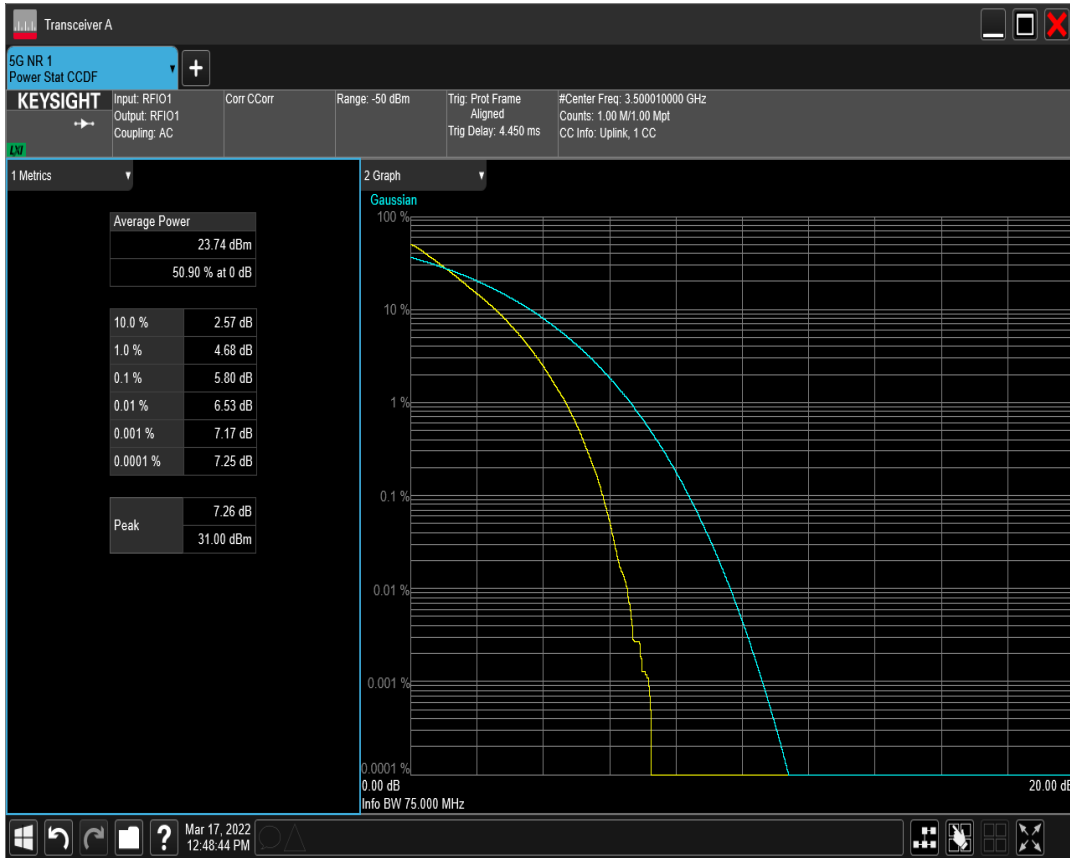
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=50MHz Channel=633334 RB=128@0



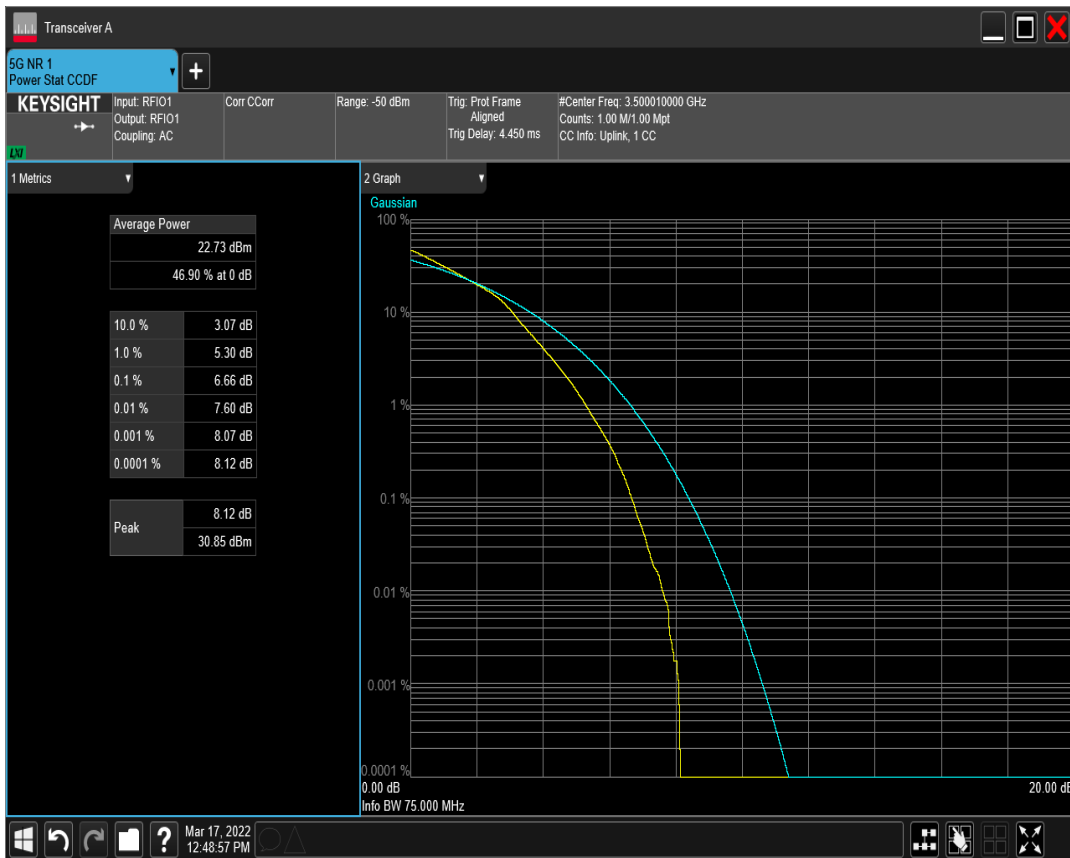
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=60MHz Channel=633334 RB=162@0



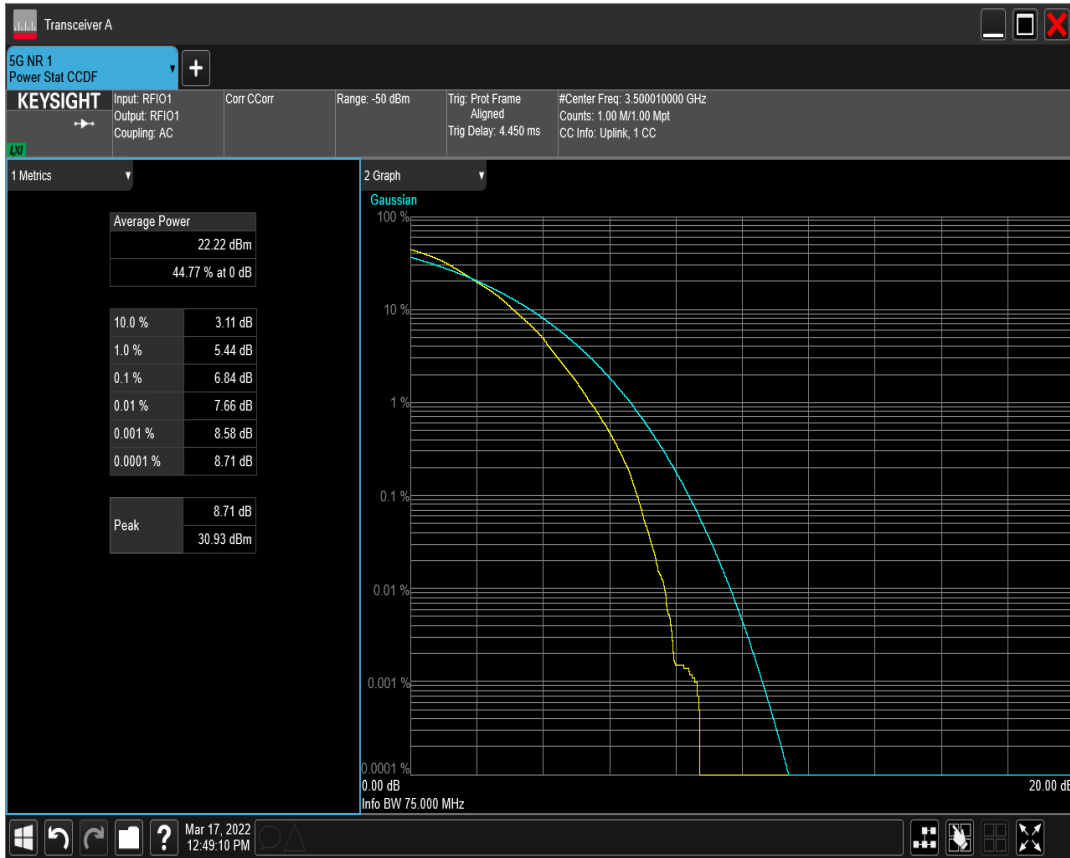
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=60MHz Channel=633334 RB=162@0



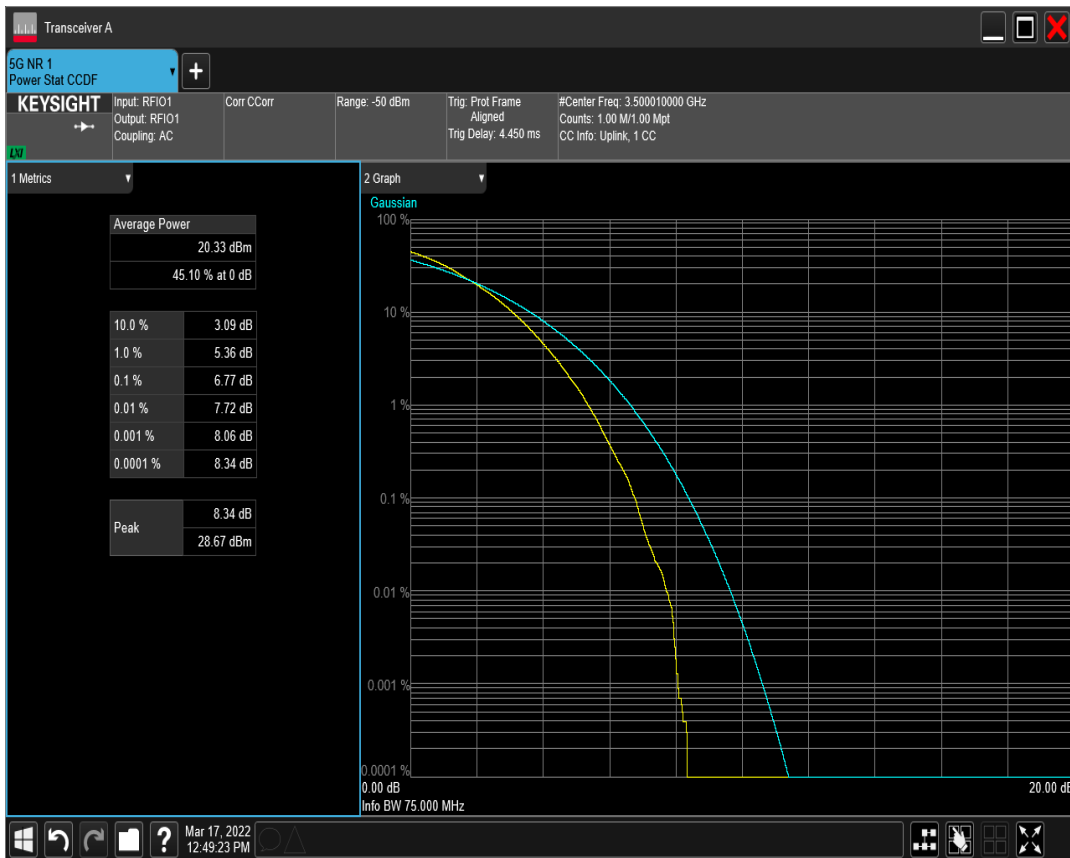
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=60MHz Channel=633334 RB=162@0



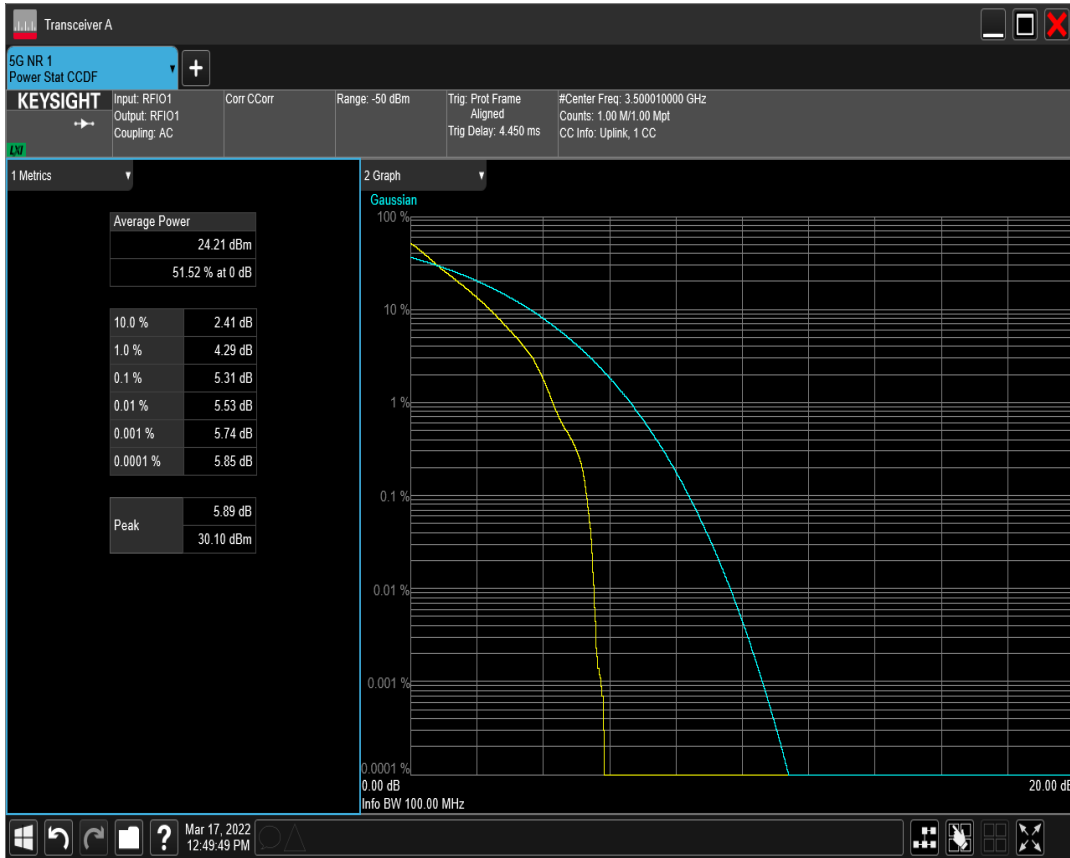
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=60MHz Channel=633334 RB=162@0



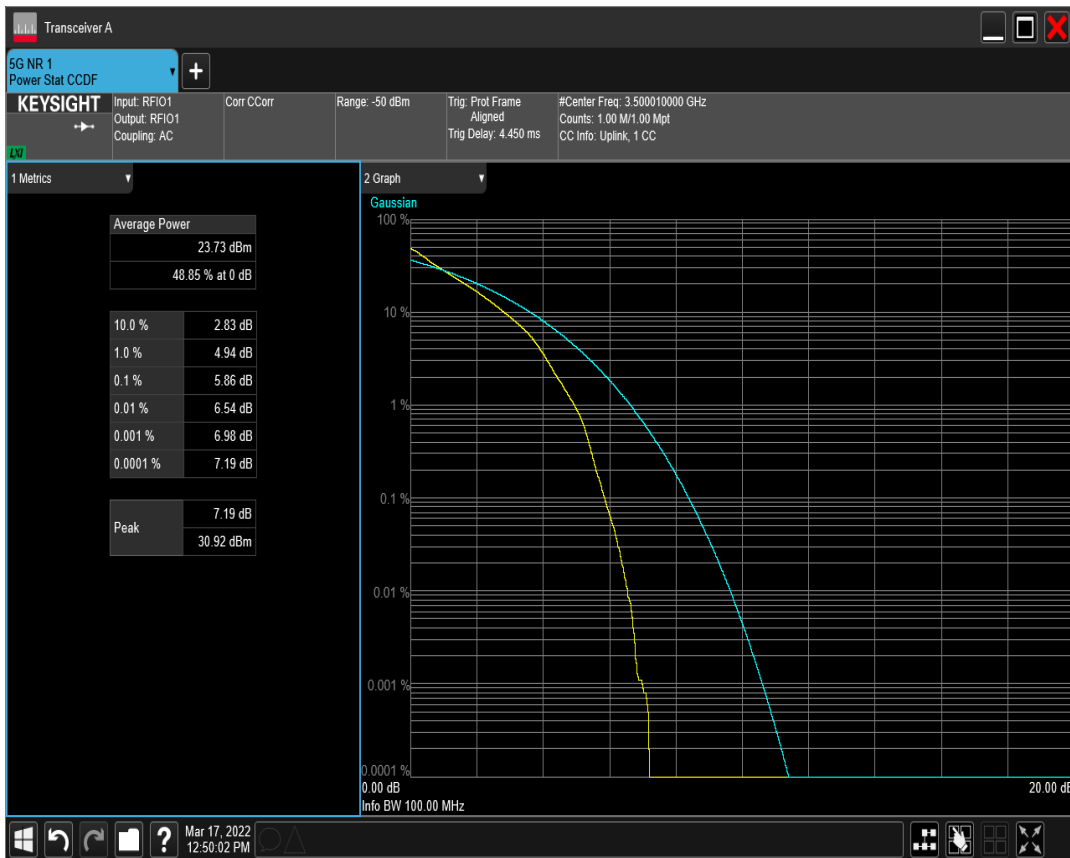
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=60MHz Channel=633334 RB=162@0



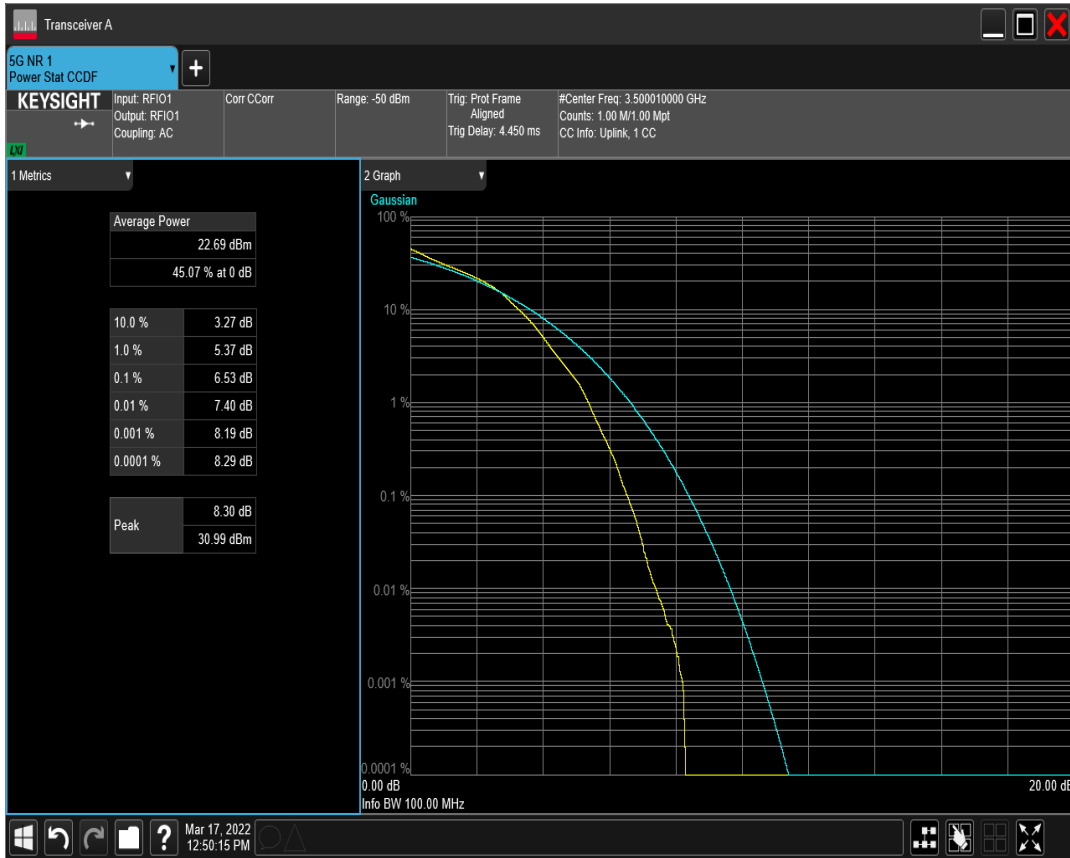
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=80MHz Channel=633334 RB=216@0



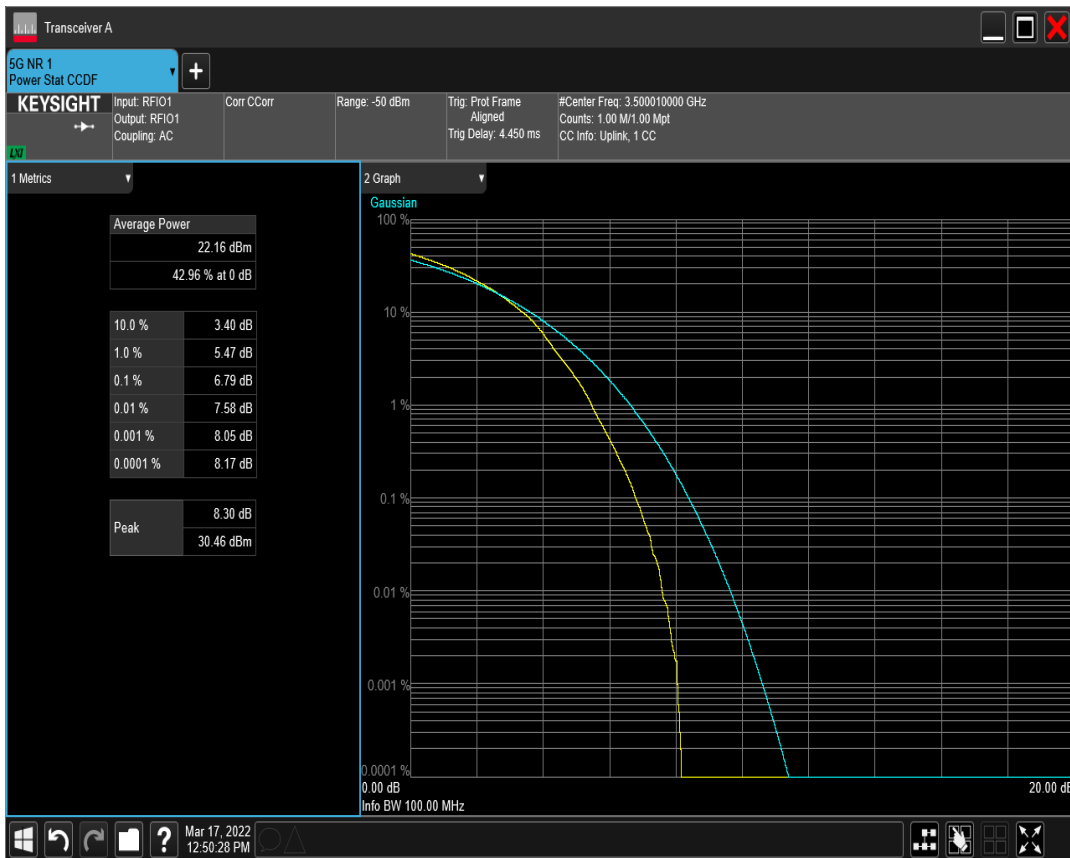
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=80MHz Channel=633334 RB=216@0



n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=80MHz Channel=633334 RB=216@0

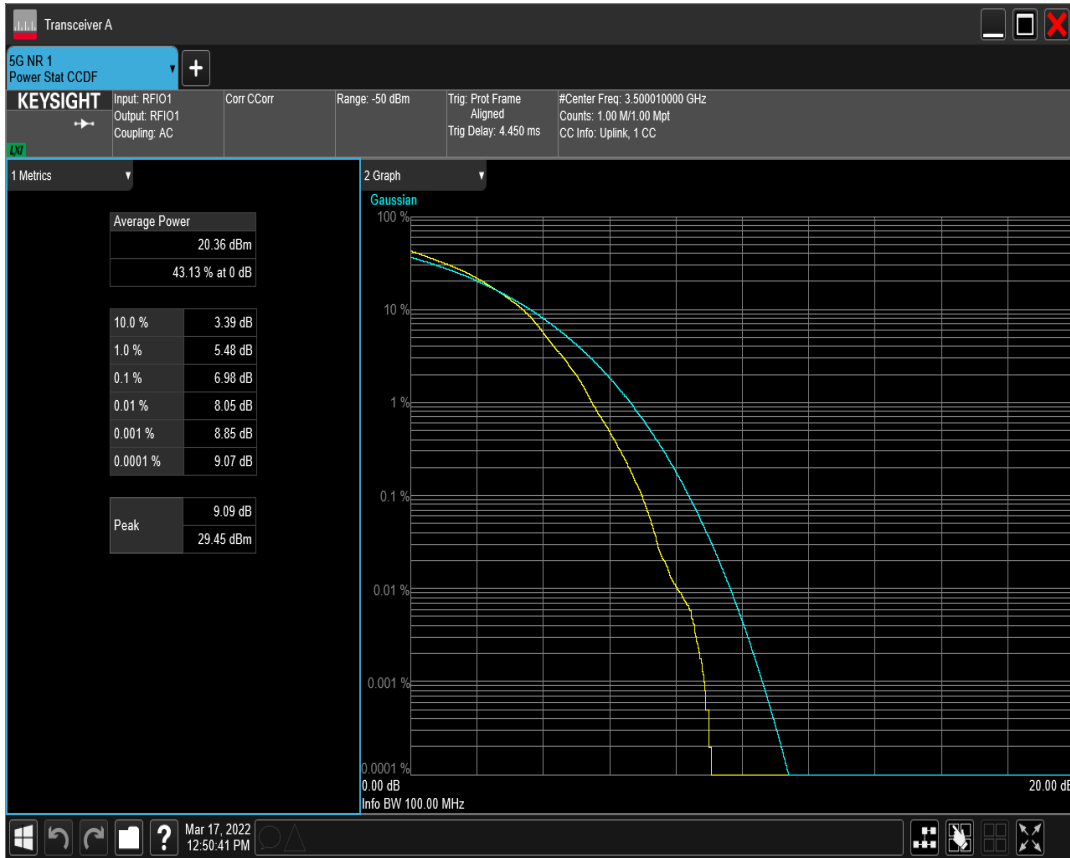


n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=80MHz Channel=633334 RB=216@0

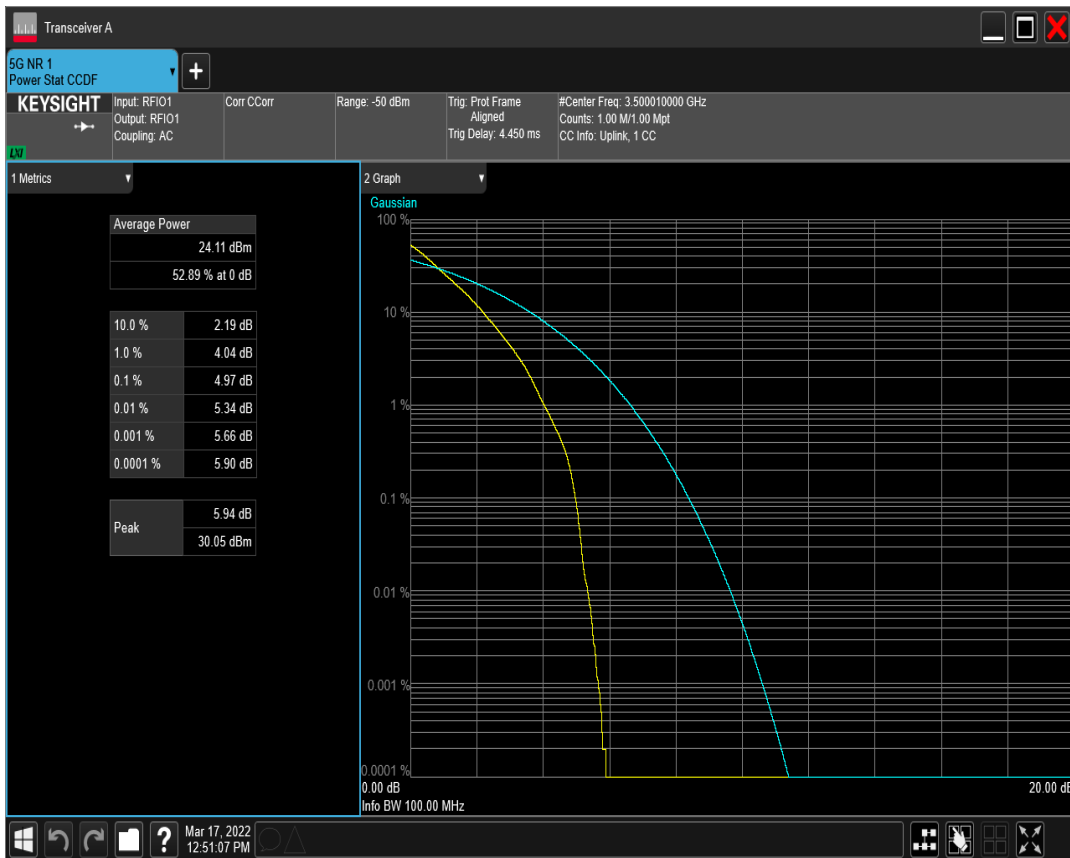


n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=80MHz Channel=633334 RB=216@0

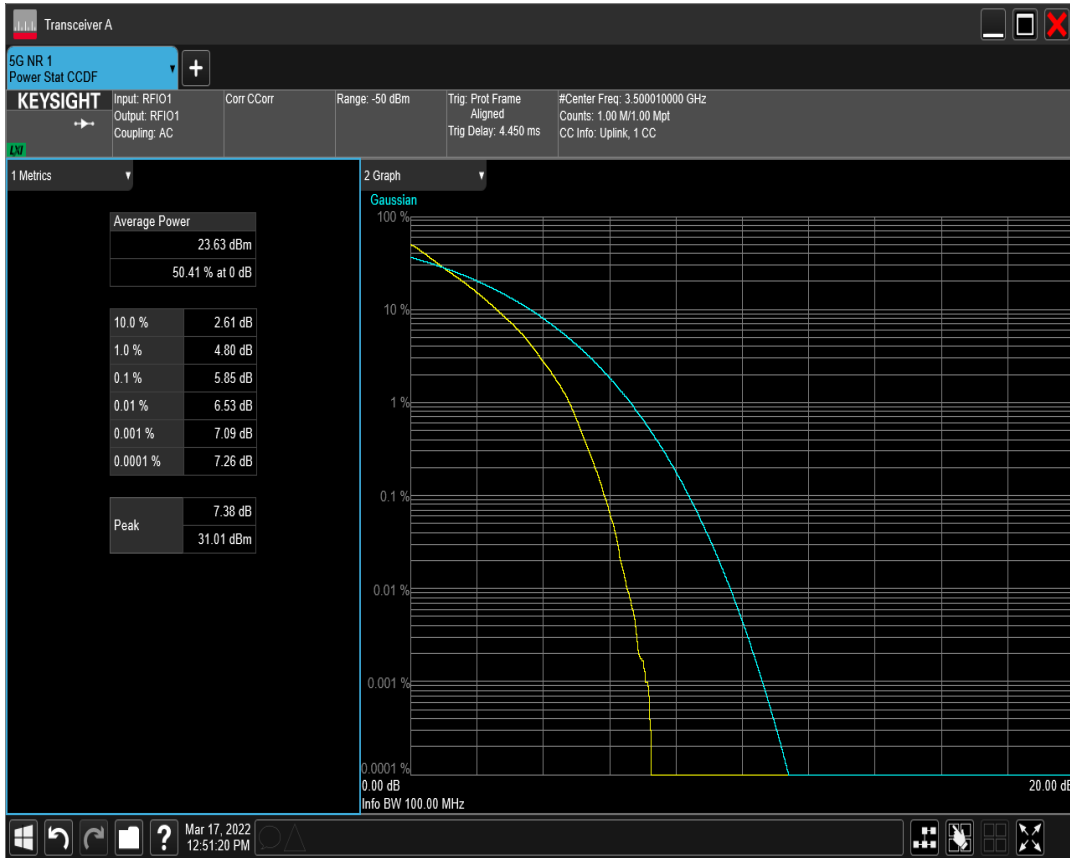




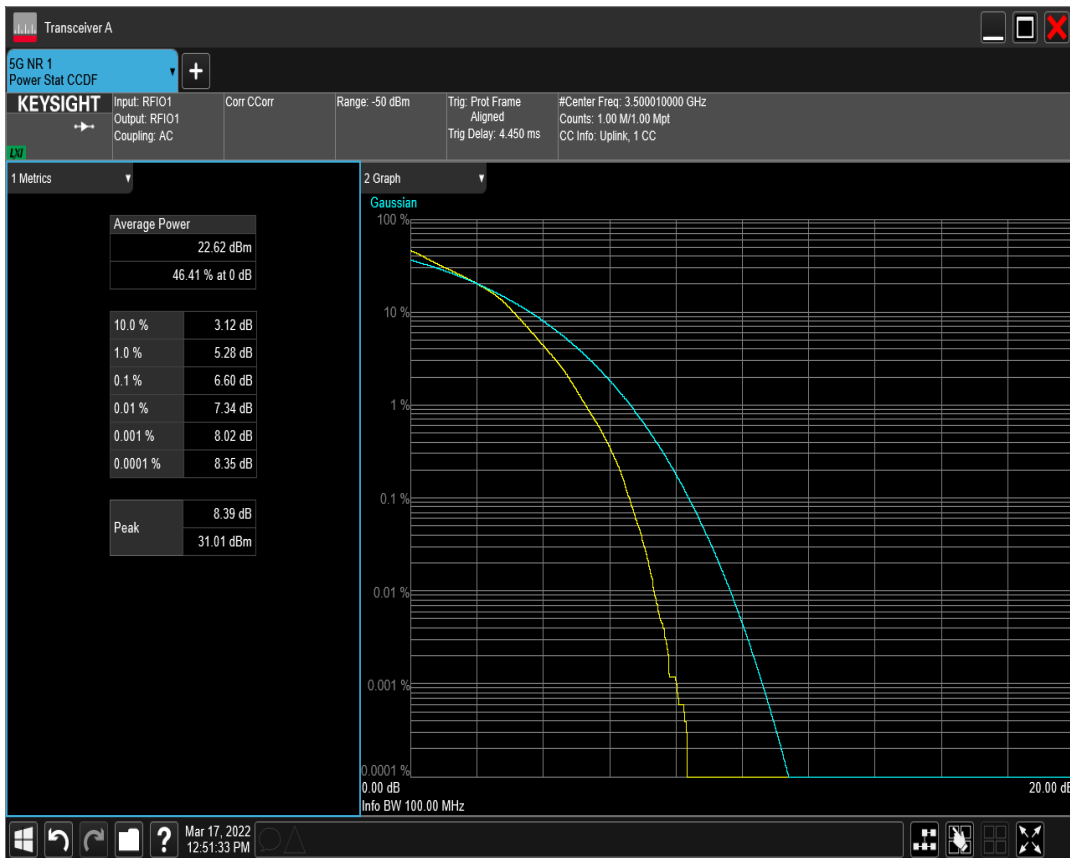
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=90MHz Channel=633334 RB=240@0



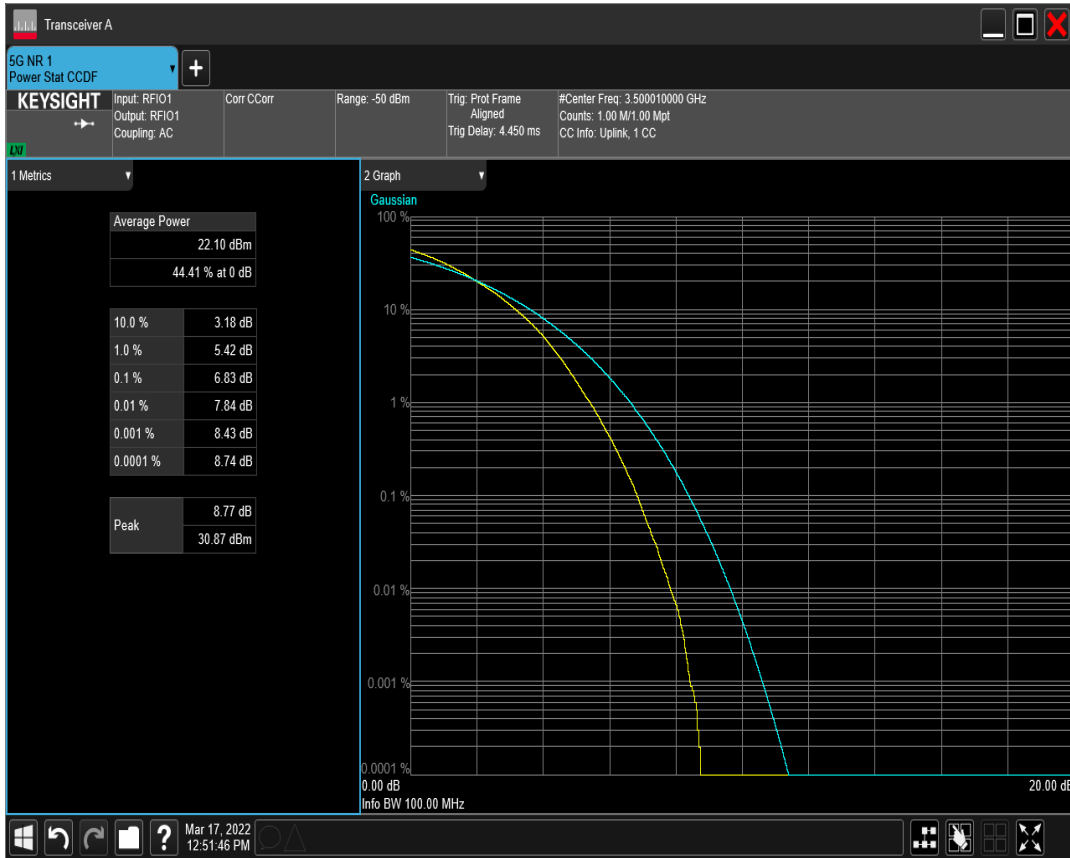
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=90MHz Channel=633334 RB=240@0



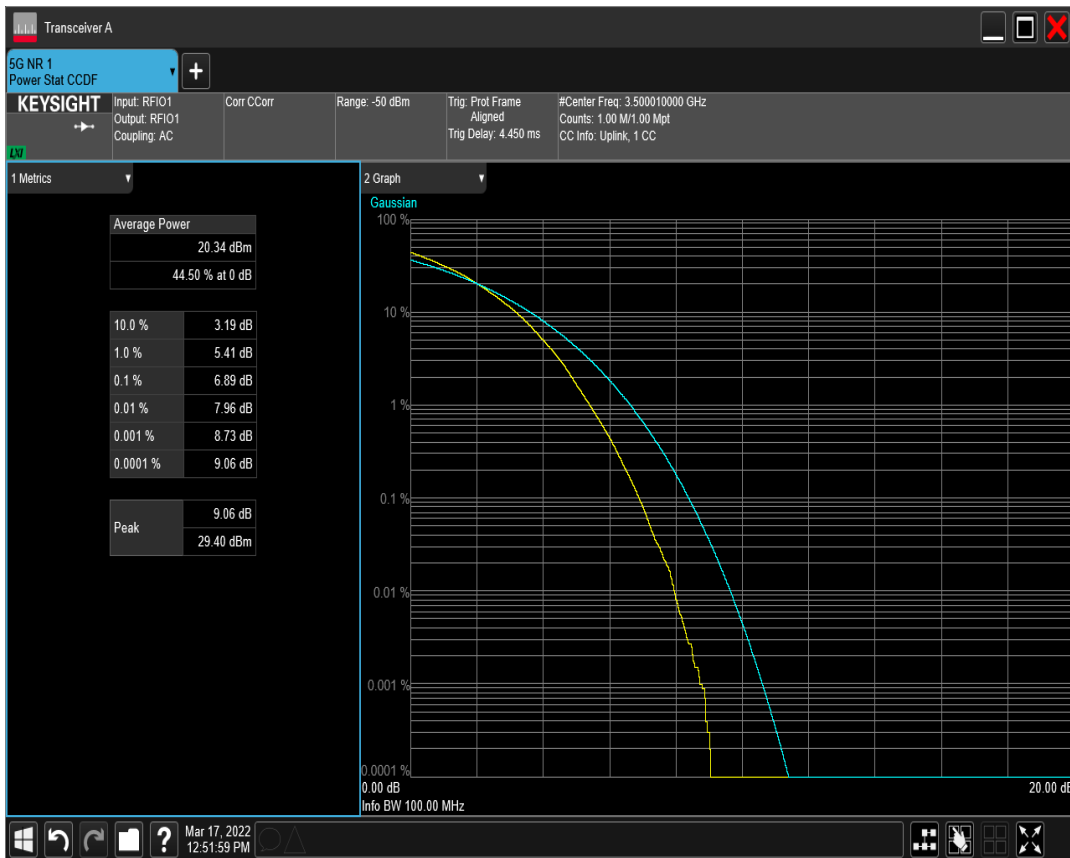
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=90MHz Channel=633334 RB=240@0



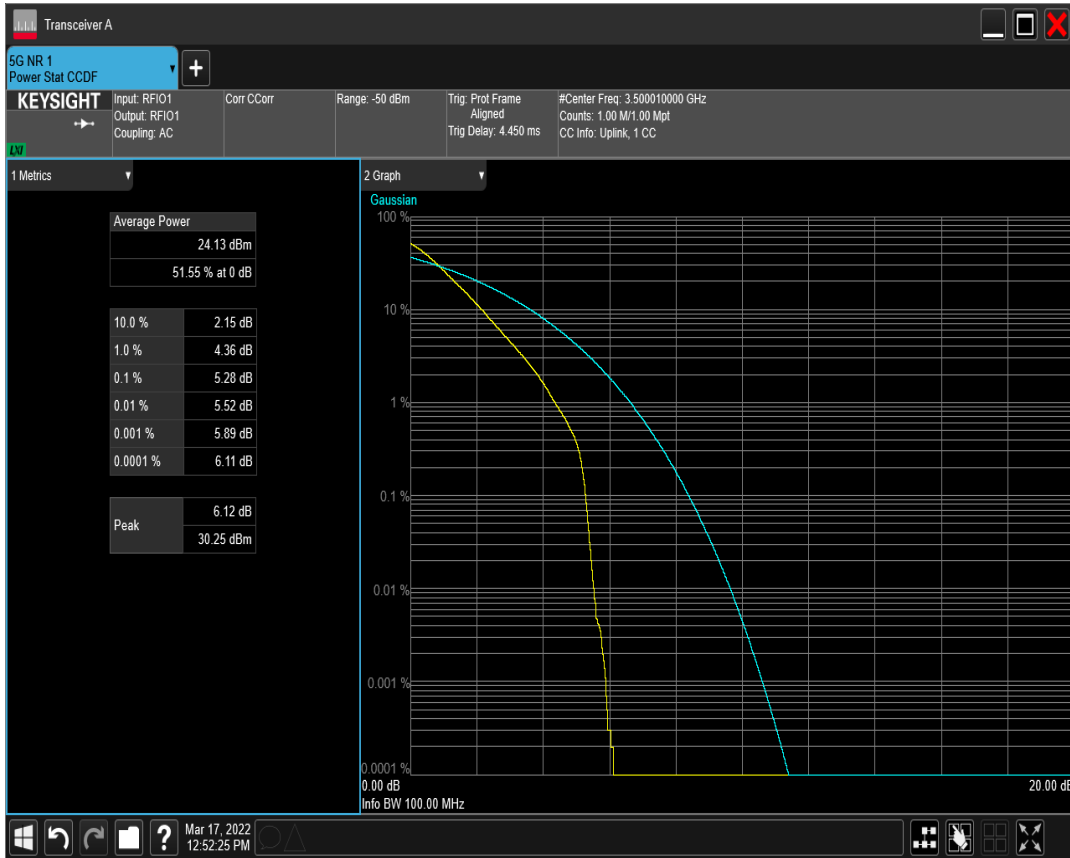
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=90MHz Channel=633334 RB=240@0



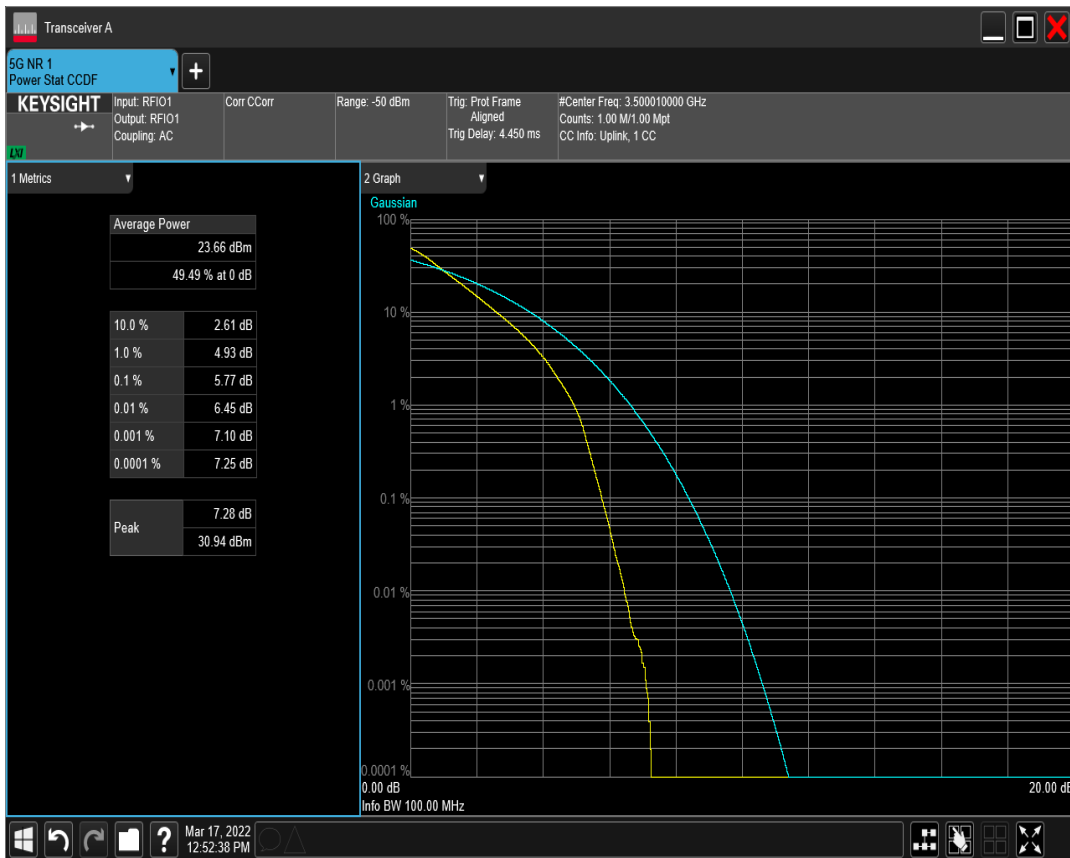
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=90MHz Channel=633334 RB=240@0



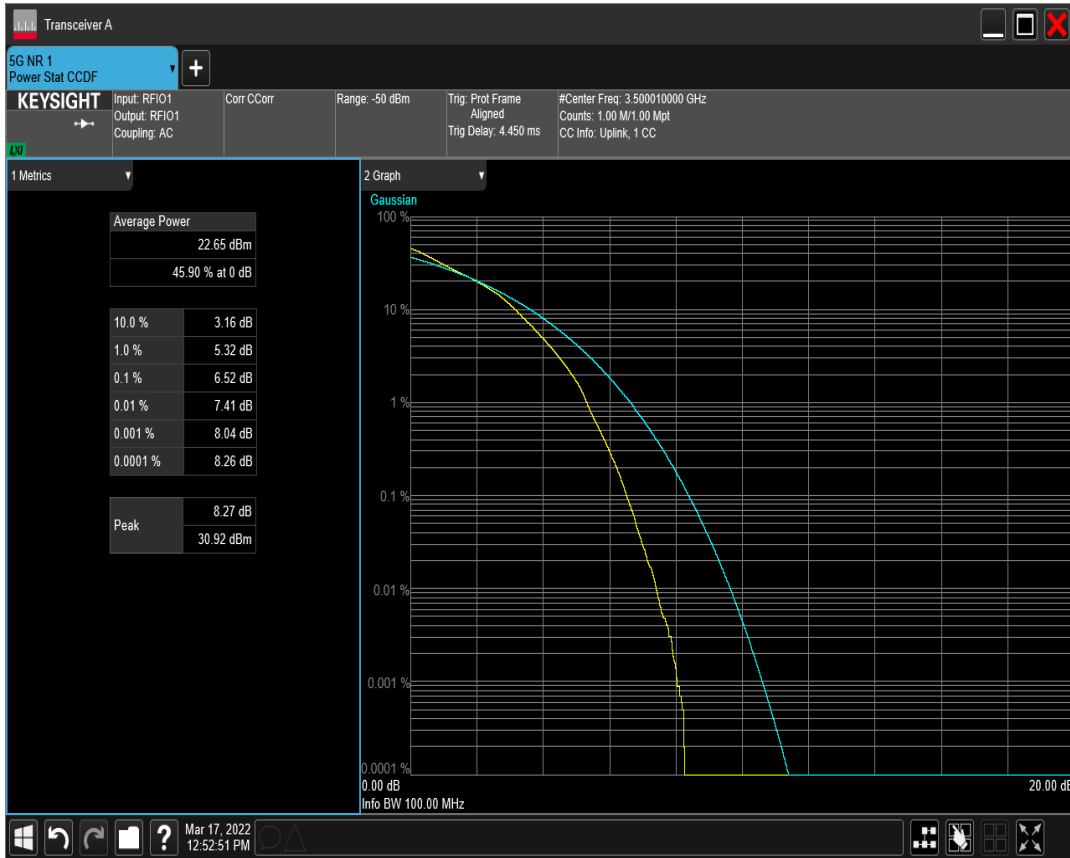
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=100MHz Channel=633334 RB=270@0



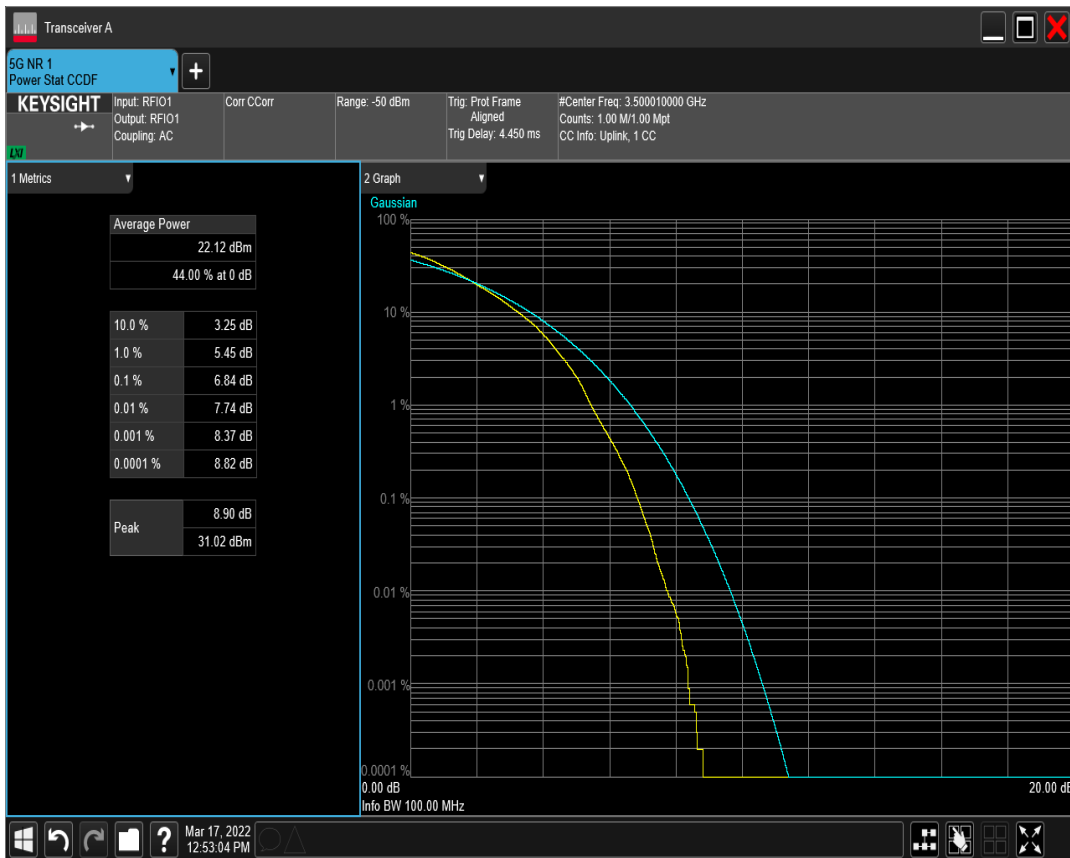
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=100MHz Channel=633334 RB=270@0



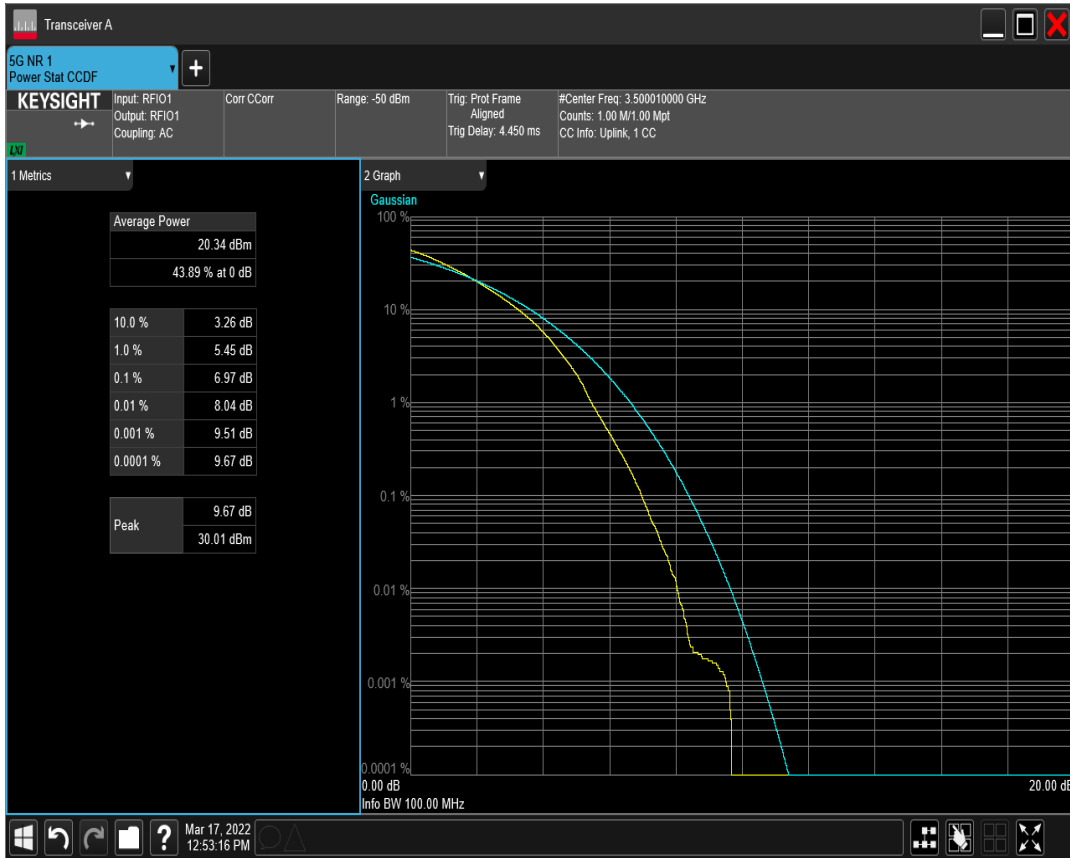
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=100MHz Channel=633334 RB=270@0



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	8.640	9.220	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	8.620	9.210	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM16	8.640	9.270	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM64	8.640	9.190	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM256	8.610	9.190	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	8.620	9.210	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	8.620	9.200	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	8.620	9.260	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	8.640	9.190	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	8.620	9.240	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	8.640	9.220	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	8.620	9.180	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	8.640	9.200	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	8.620	9.250	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM16	8.640	9.250	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM64	8.620	9.170	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM256	8.620	9.170	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	8.620	9.180	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	13.520	13.730	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	13.460	13.730	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM16	13.460	13.760	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM64	13.460	13.760	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM256	13.470	13.700	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	13.640	14.450	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	13.530	13.790	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	13.460	13.740	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	13.510	13.720	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	13.520	13.740	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	13.470	13.750	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	13.640	14.430	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	13.520	13.800	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	13.460	13.760	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM16	13.510	13.730	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM64	13.520	13.760	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM256	13.460	13.690	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	13.640	14.440	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	18.080	18.940	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	18.170	18.940	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM16	18.090	18.930	PASS

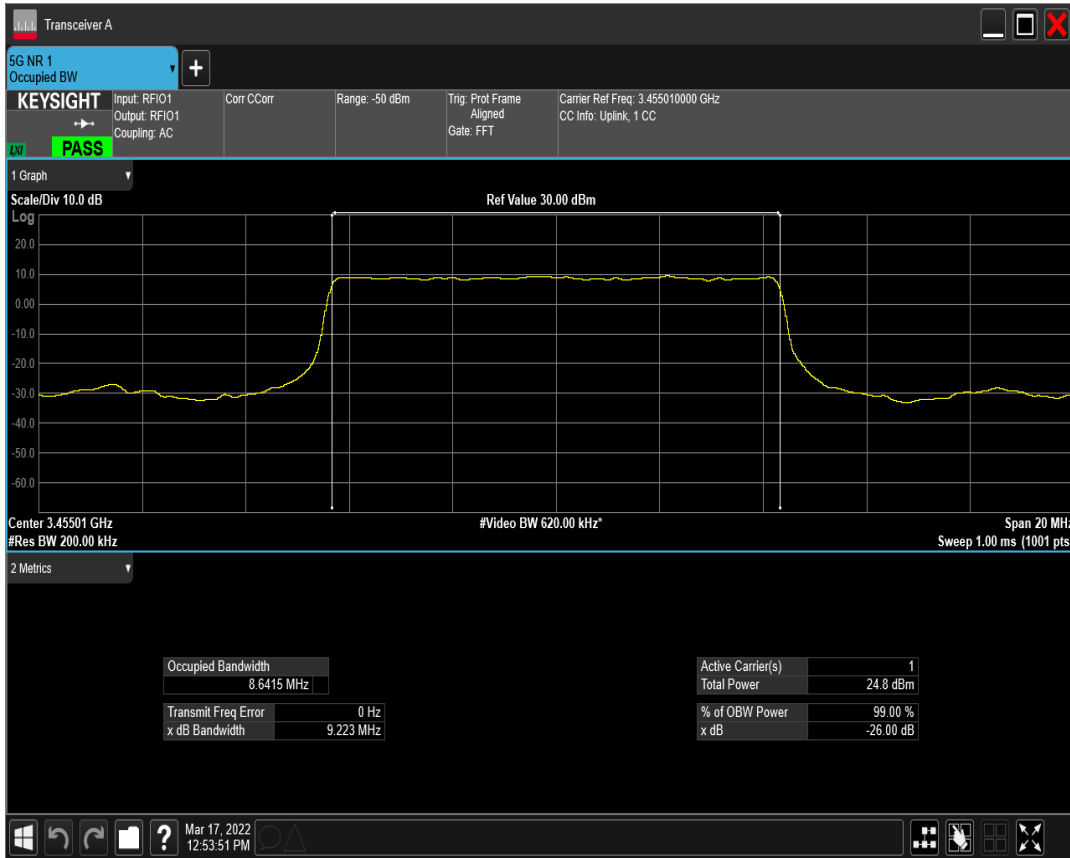
n77(3450-3550)	30	20	630668	50@0	DFT_QAM64	18.170	18.940	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM256	18.090	18.920	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	18.270	19.330	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	18.090	18.950	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	18.170	18.950	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	18.160	18.950	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	18.180	18.950	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	19.340	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	18.090	18.930	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	18.120	18.950	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM16	18.110	18.950	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM64	18.120	18.960	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM256	18.030	18.910	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	18.280	19.340	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_BPSK	27.650	28.500	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QPSK	27.620	28.430	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM16	27.610	28.440	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM64	27.640	28.450	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM256	27.640	28.450	PASS
n77(3450-3550)	30	30	631000	78@0	CP_QPSK	27.990	29.570	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	27.740	28.470	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	27.730	28.480	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	27.650	28.470	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	27.650	28.440	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	27.720	28.440	PASS
n77(3450-3550)	30	30	633334	78@0	CP_QPSK	28.000	29.550	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_BPSK	27.770	28.480	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QPSK	27.640	28.420	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM16	27.650	28.470	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM64	27.650	28.440	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM256	27.630	28.430	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	37.600	37.920	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	37.510	37.890	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM16	37.630	37.930	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM64	37.600	37.920	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM256	37.490	37.870	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	37.980	40.060	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	37.630	37.910	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	37.630	37.900	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	37.660	37.920	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	37.640	37.920	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	37.600	37.870	PASS



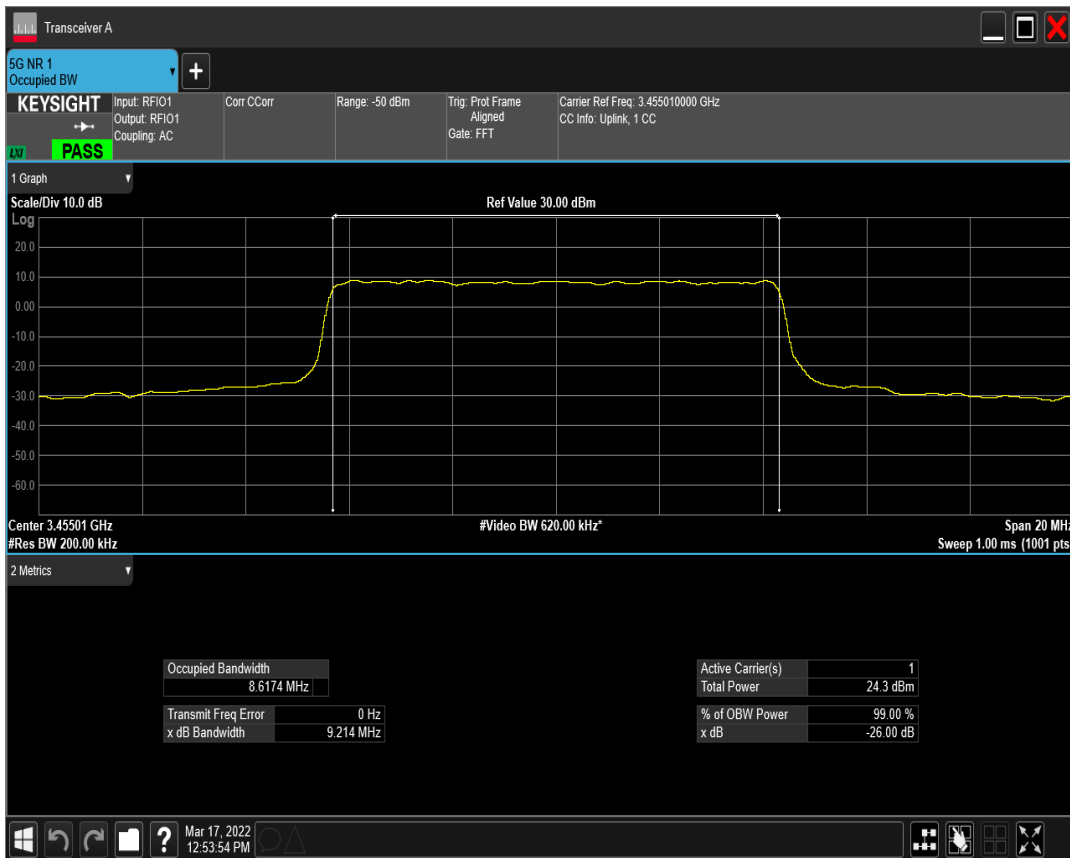
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	37.990	40.060	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	37.620	37.910	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	37.600	37.900	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM16	37.640	37.910	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM64	37.630	37.910	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM256	37.640	37.870	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	37.980	40.050	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	47.100	48.420	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	47.060	48.380	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM16	47.100	48.420	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM64	47.050	48.400	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM256	47.050	48.350	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	47.640	50.240	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	47.210	48.410	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	47.250	48.450	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	47.230	48.400	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	47.090	48.400	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	47.070	48.390	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	47.670	50.250	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	47.200	48.400	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	47.210	48.410	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM16	47.220	48.430	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM64	47.090	48.400	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM256	47.050	48.360	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	47.660	50.260	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	57.940	61.020	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	57.960	61.030	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM16	58.080	61.040	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM64	58.090	61.040	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM256	58.080	60.990	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	57.940	61.040	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	57.960	61.030	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	57.960	61.010	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	58.110	61.050	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	58.110	61.040	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	58.100	61.000	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	57.960	61.040	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	58.080	61.030	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	58.110	61.060	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM16	58.100	61.050	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM64	58.140	61.040	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM256	57.930	60.960	PASS
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	58.080	61.050	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	77.490	81.360	PASS

n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	77.520	81.400	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM16	77.490	81.400	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM64	77.500	81.380	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM256	77.500	81.350	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	77.800	81.790	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	77.490	81.370	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	77.530	81.400	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	77.490	81.390	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	77.510	81.360	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	77.500	81.340	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	77.800	81.780	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	77.510	81.370	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	77.550	81.400	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM16	77.520	81.390	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM64	77.530	81.360	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM256	77.520	81.340	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	77.820	81.760	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_BPSK	86.810	90.540	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QPSK	86.830	90.590	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM16	86.760	90.520	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM64	86.570	90.480	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM256	86.820	90.520	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	87.630	92.320	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	86.810	90.520	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	86.800	90.530	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	86.800	90.540	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	86.570	90.460	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	86.820	90.490	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	87.630	92.300	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_BPSK	86.780	90.520	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QPSK	86.840	90.570	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM16	86.820	90.530	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM64	86.760	90.470	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM256	86.760	90.500	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	87.640	92.300	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	96.840	101.660	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	96.860	101.650	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	96.840	101.650	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	96.910	101.660	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	96.870	101.600	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	97.630	102.750	PASS

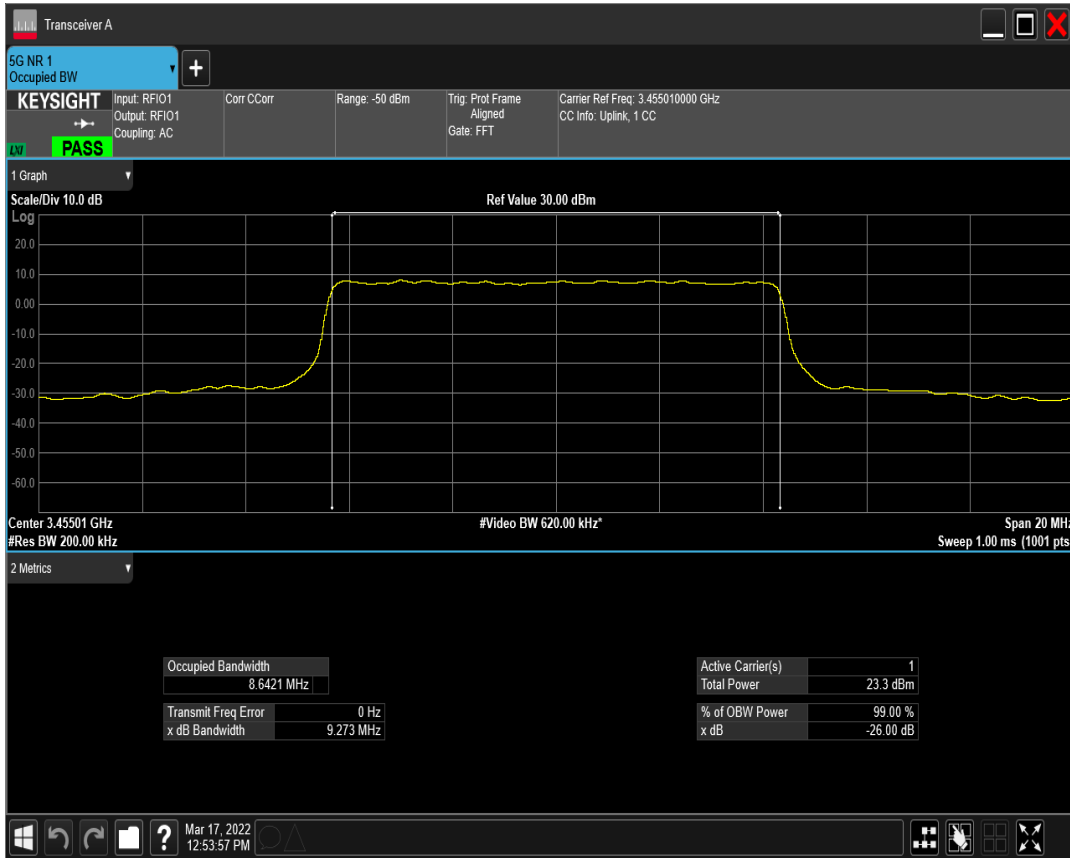
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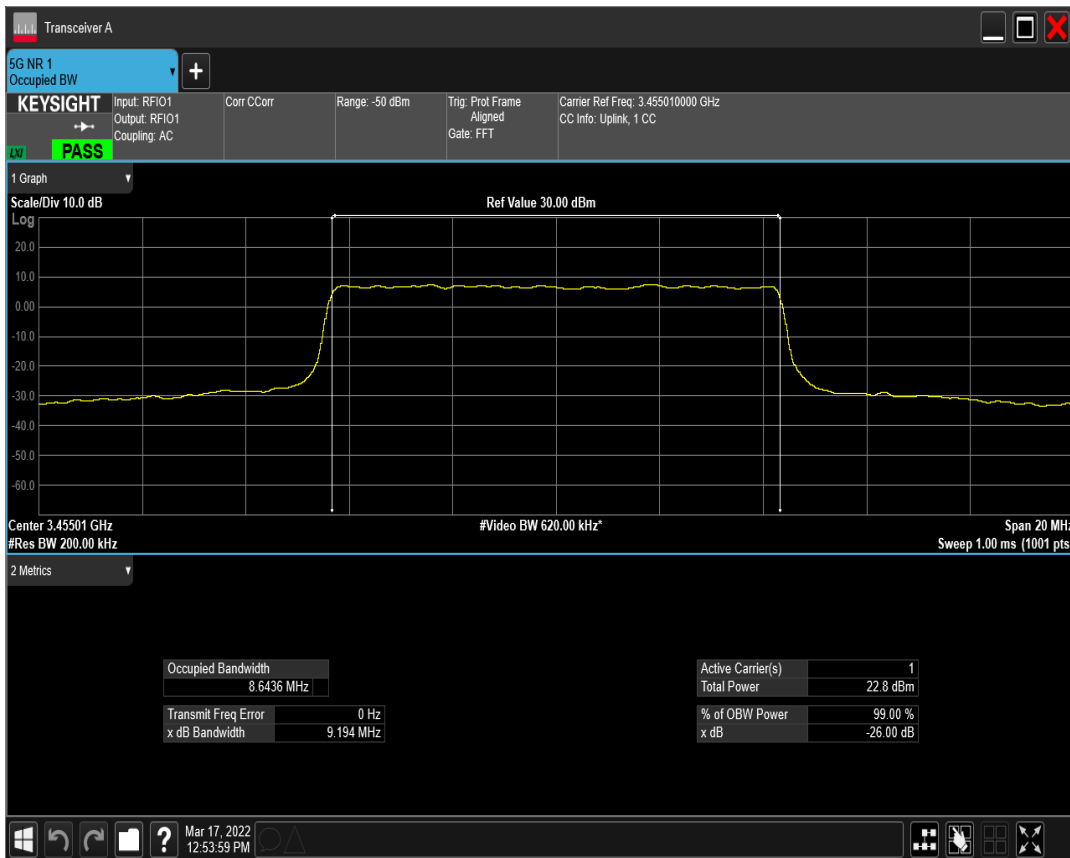
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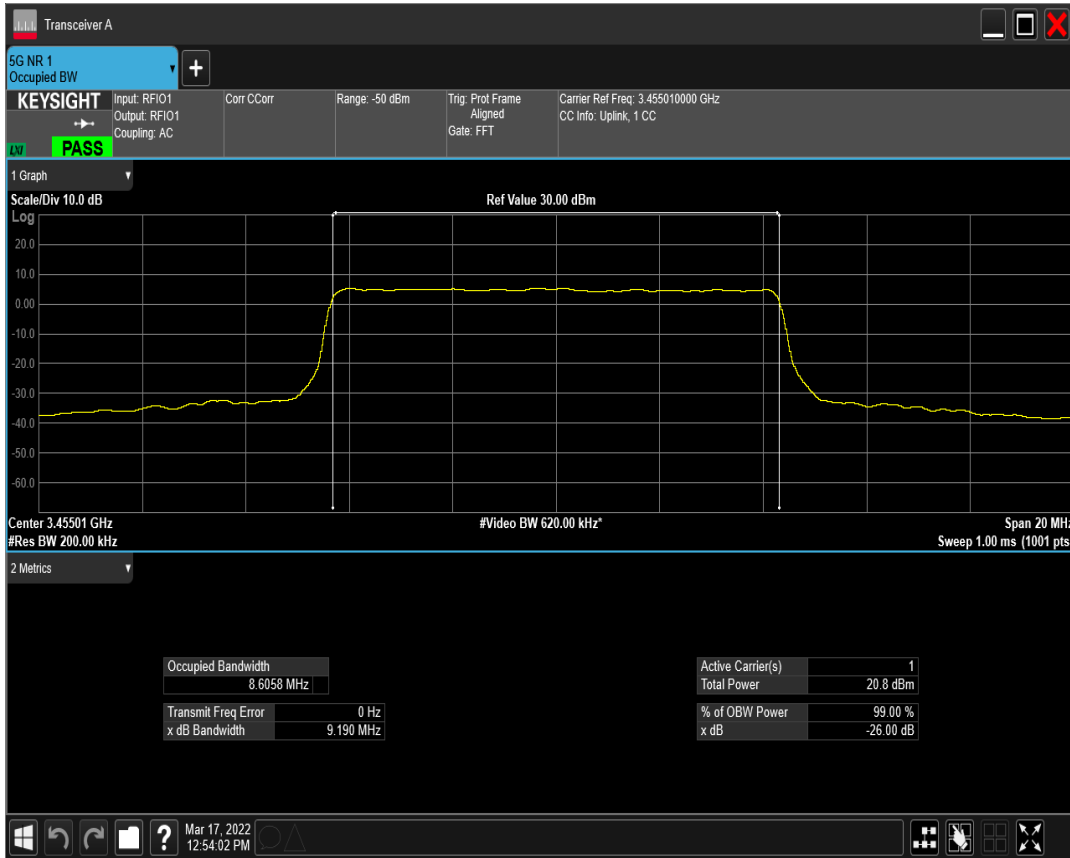
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=10MHz Channel=630334 RB=24@0



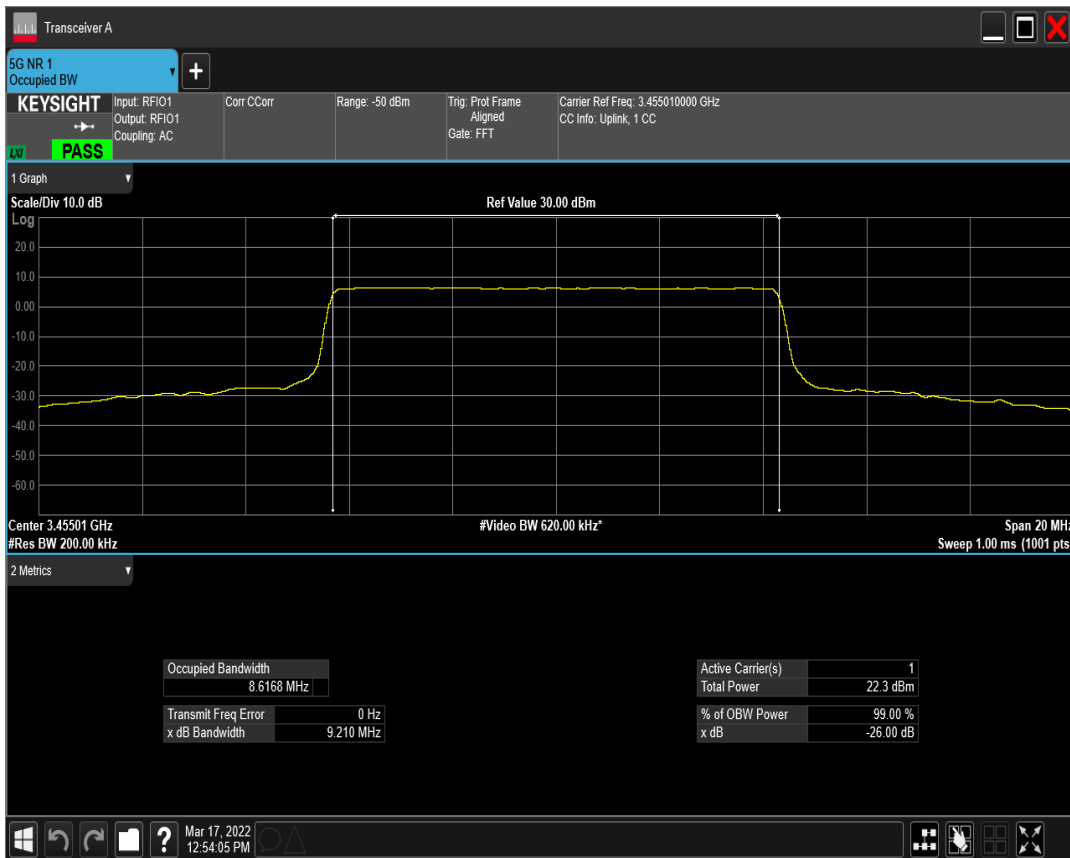
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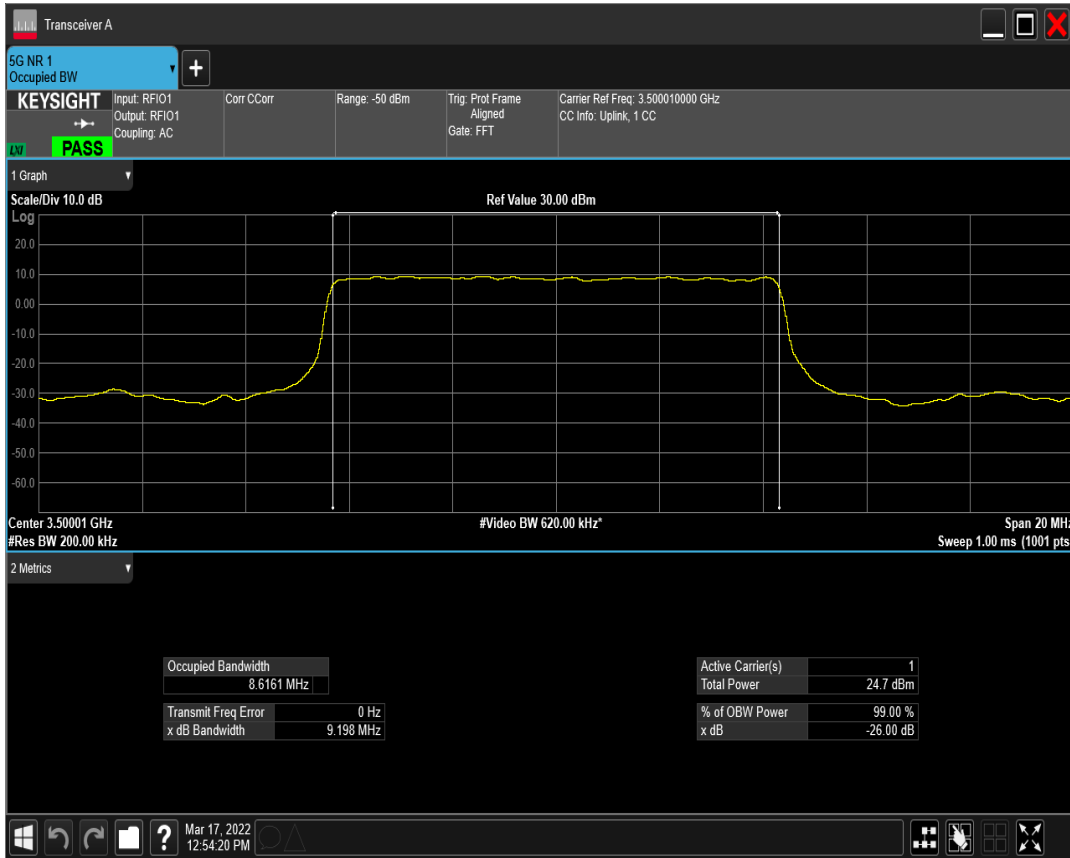
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=10MHz Channel=630334 RB=24@0



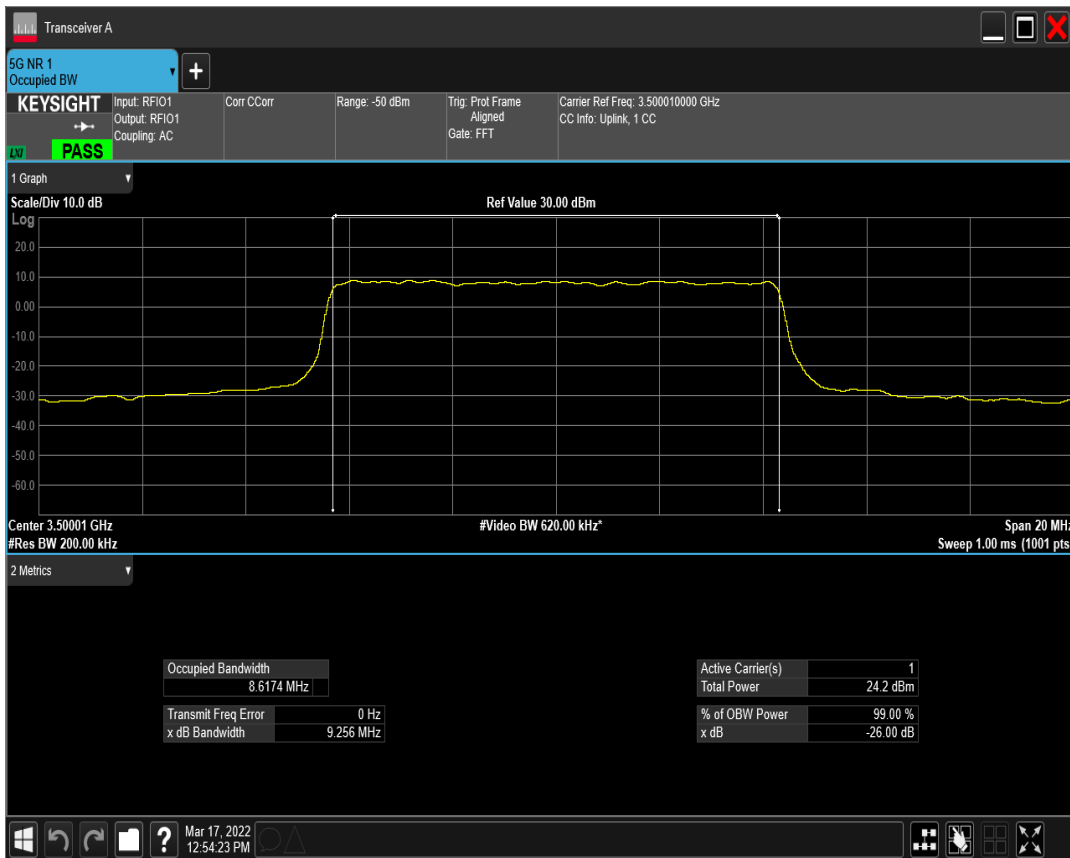
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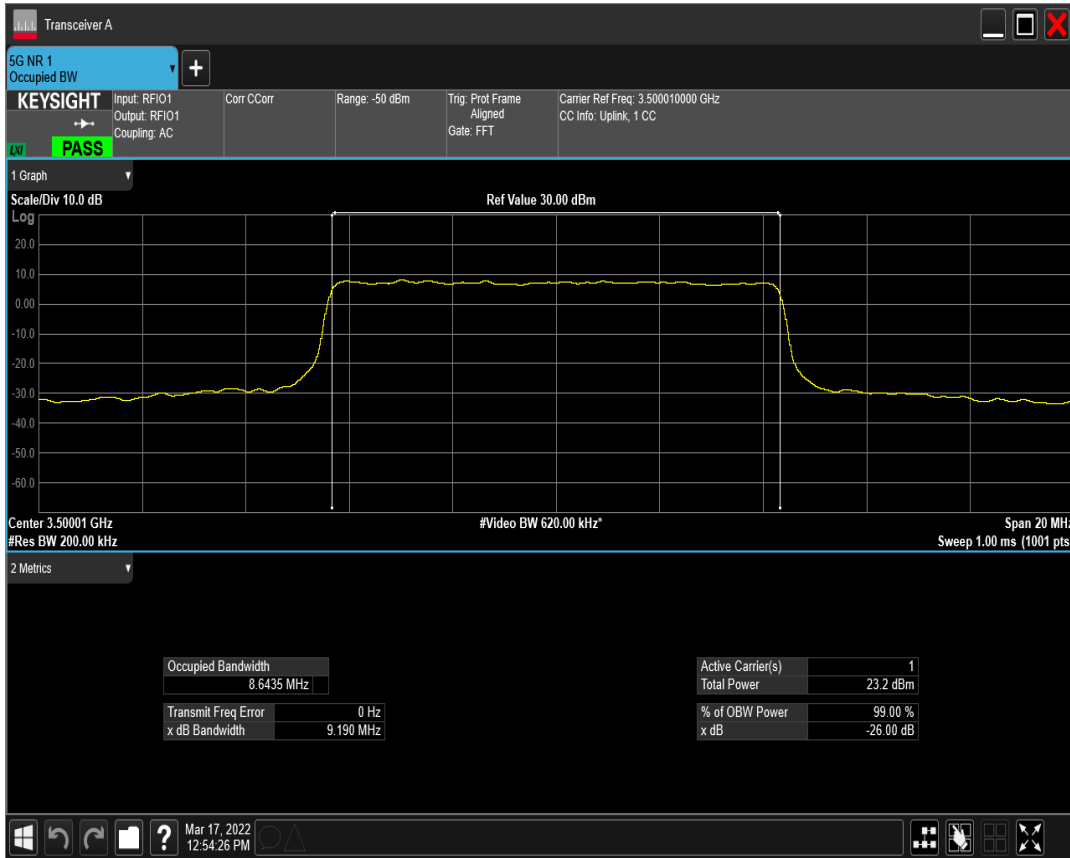
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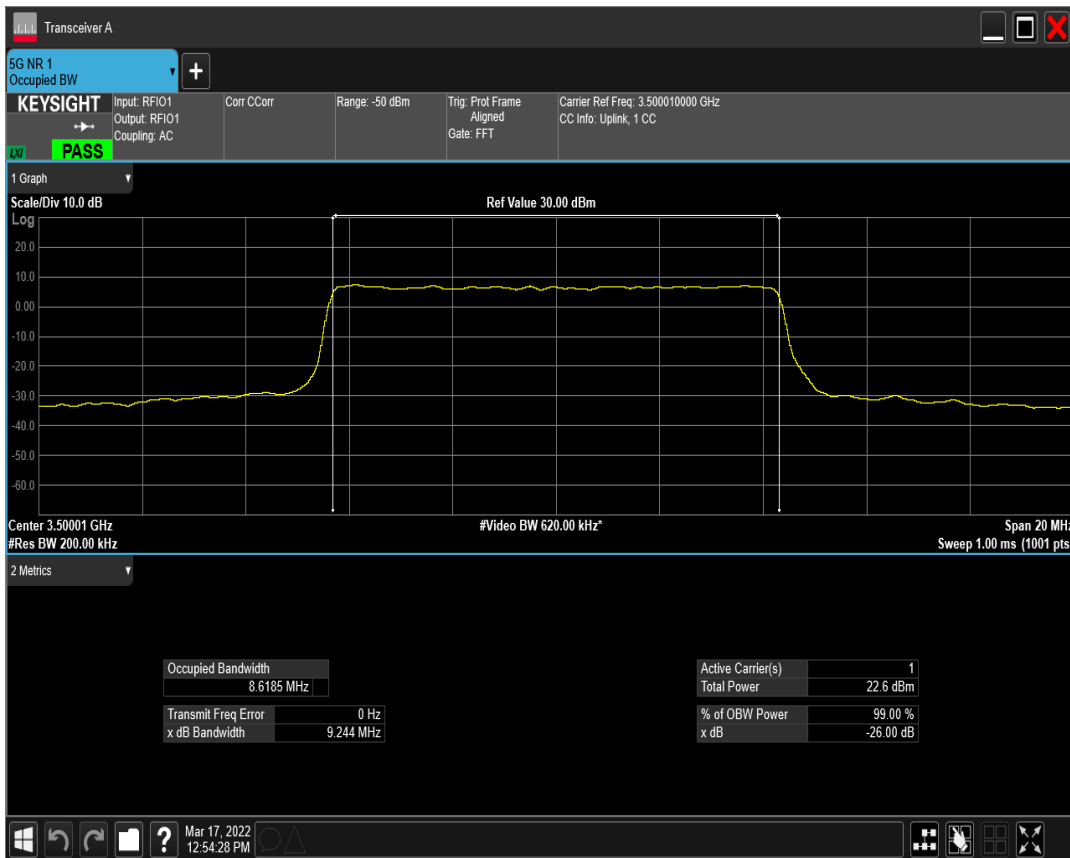
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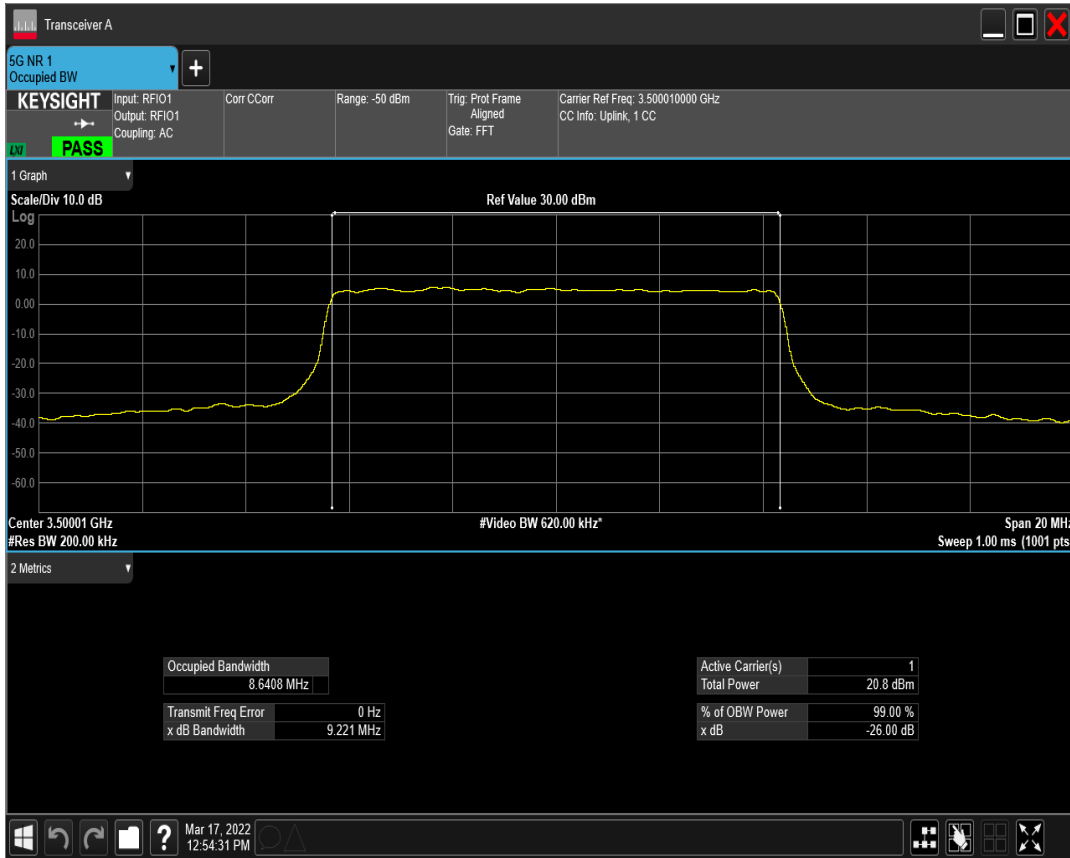
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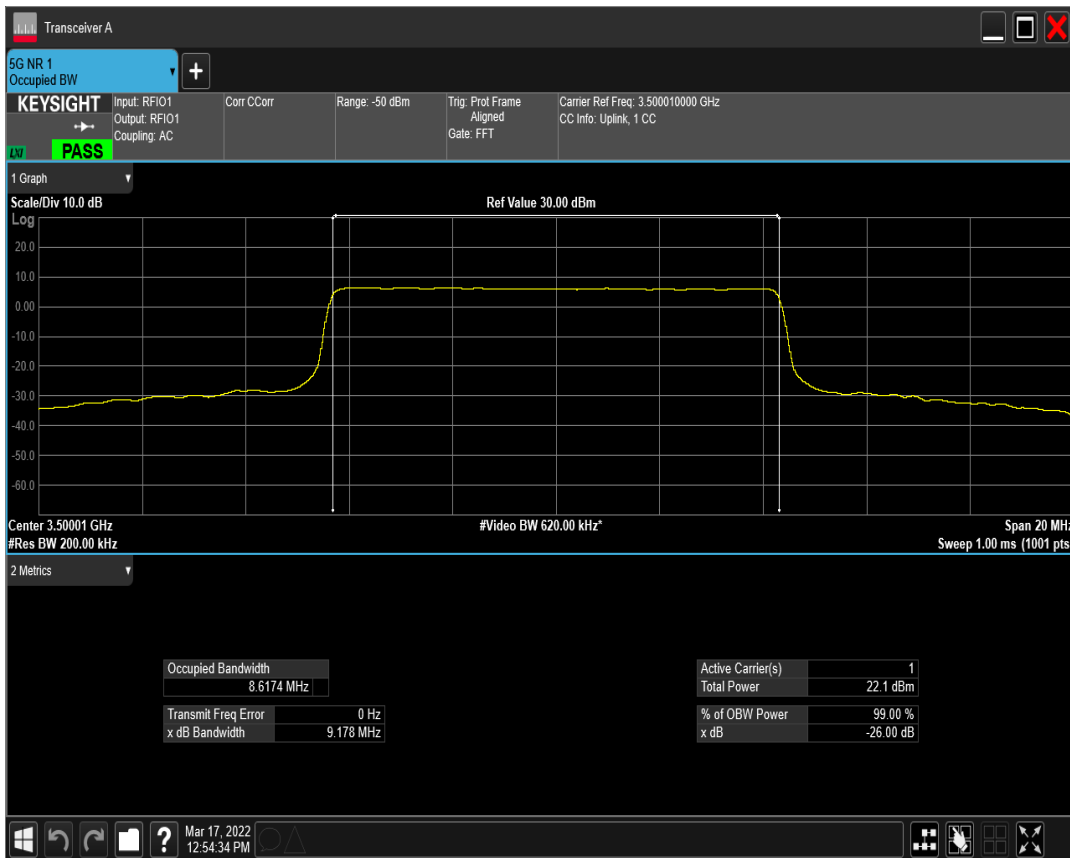
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n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=10MHz Channel=633334 RB=24@0

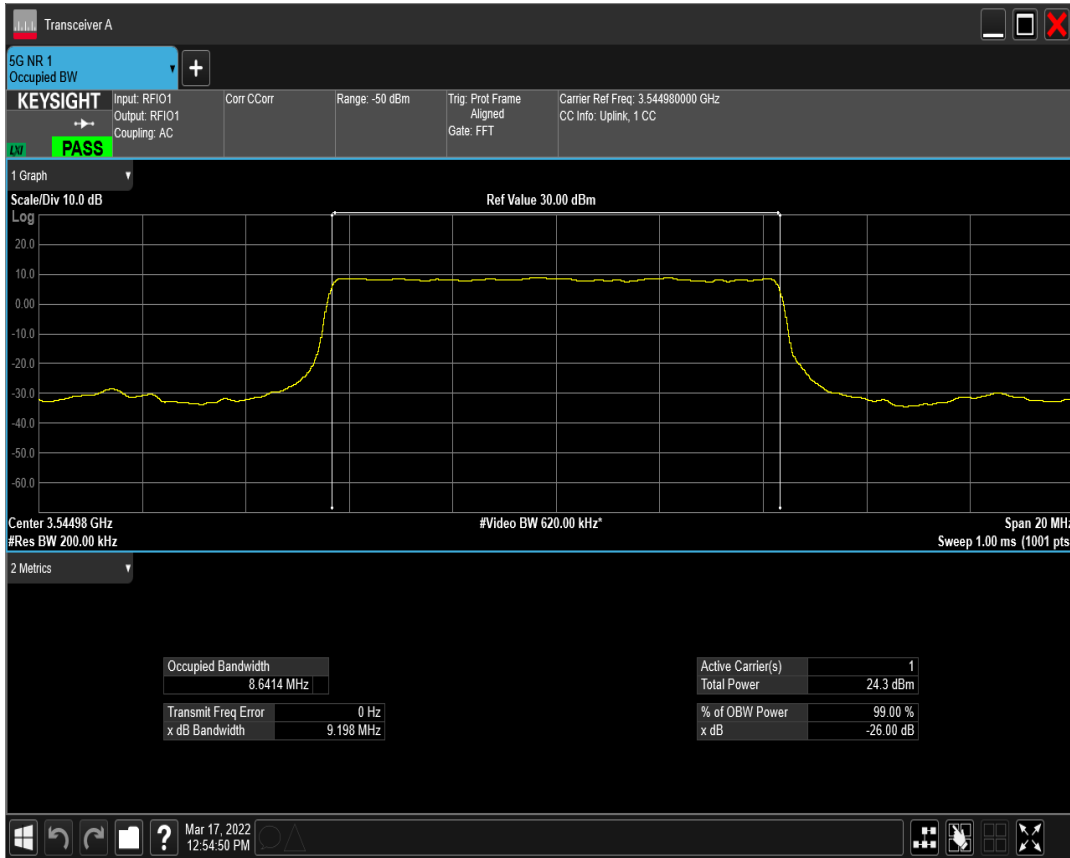


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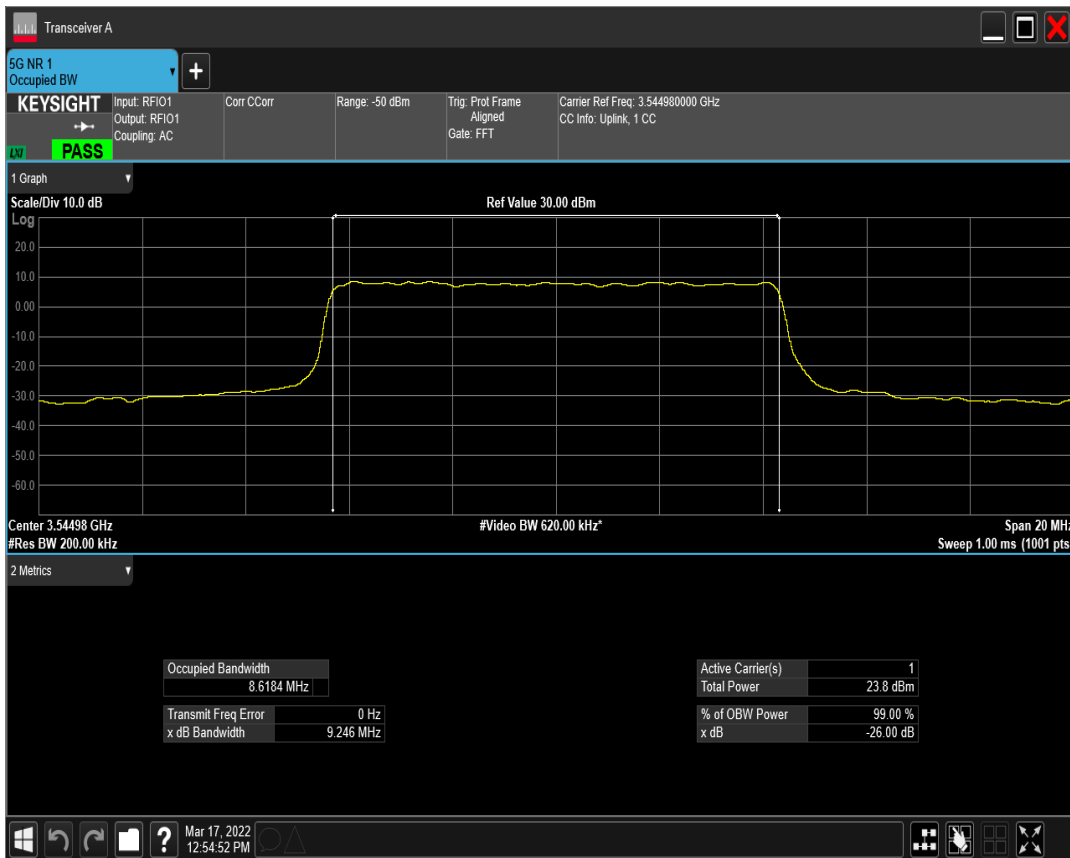


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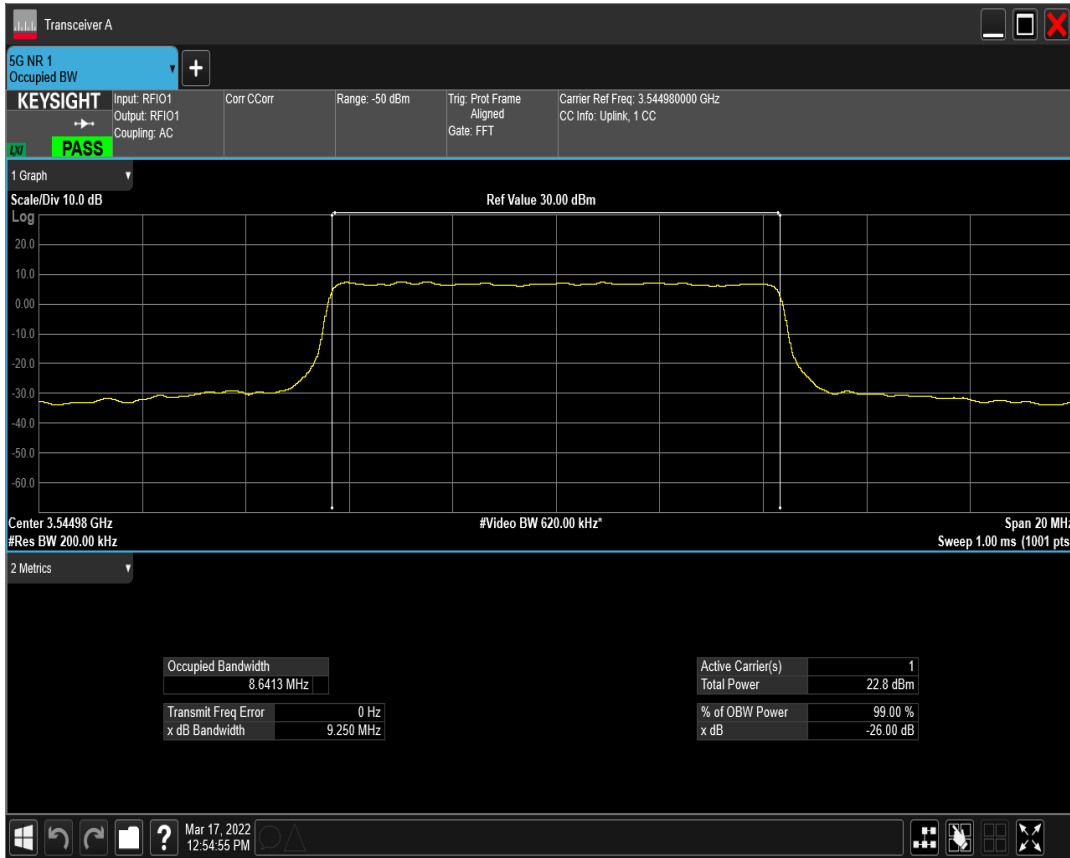




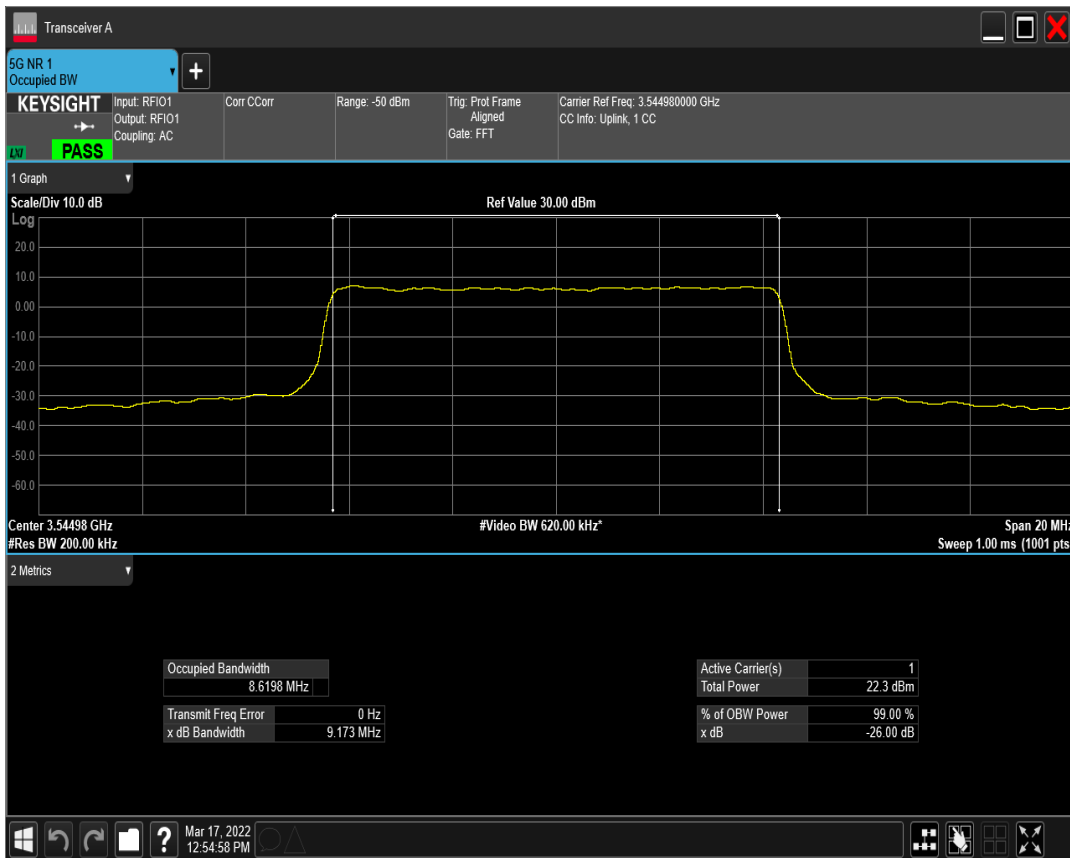
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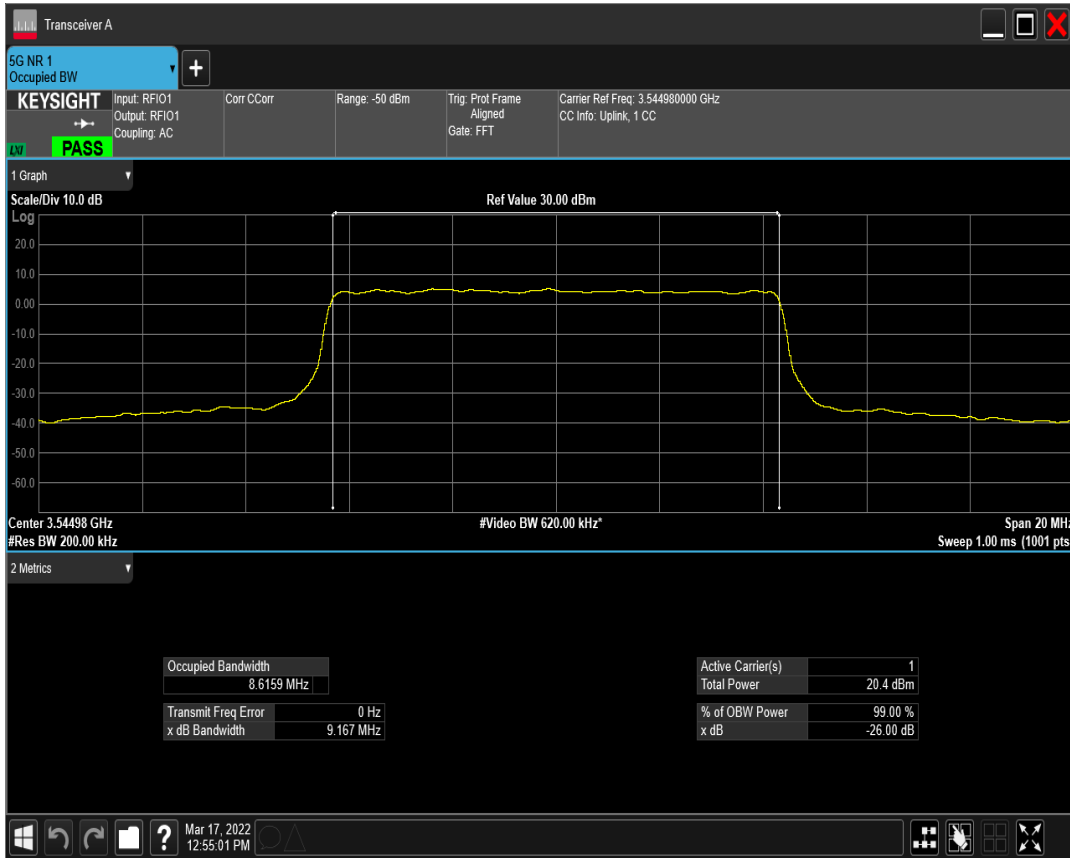
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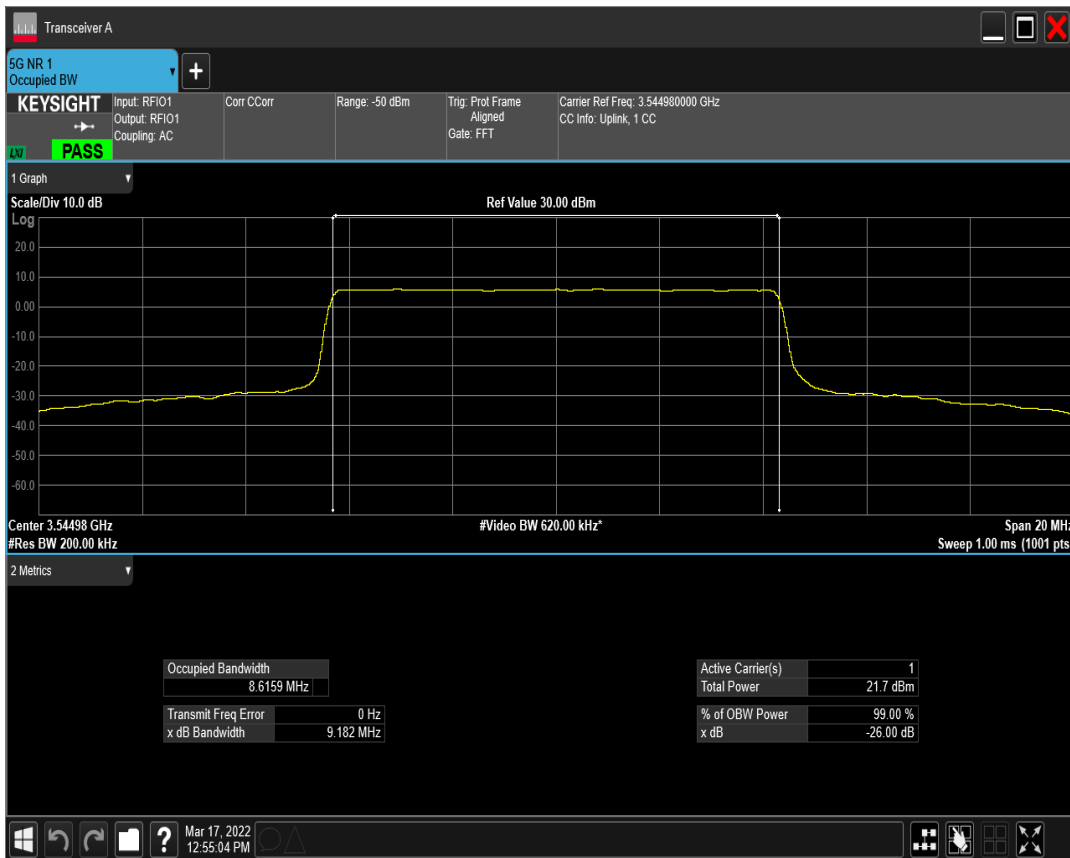
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=10MHz Channel=636332 RB=24@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=10MHz Channel=636332 RB=24@0



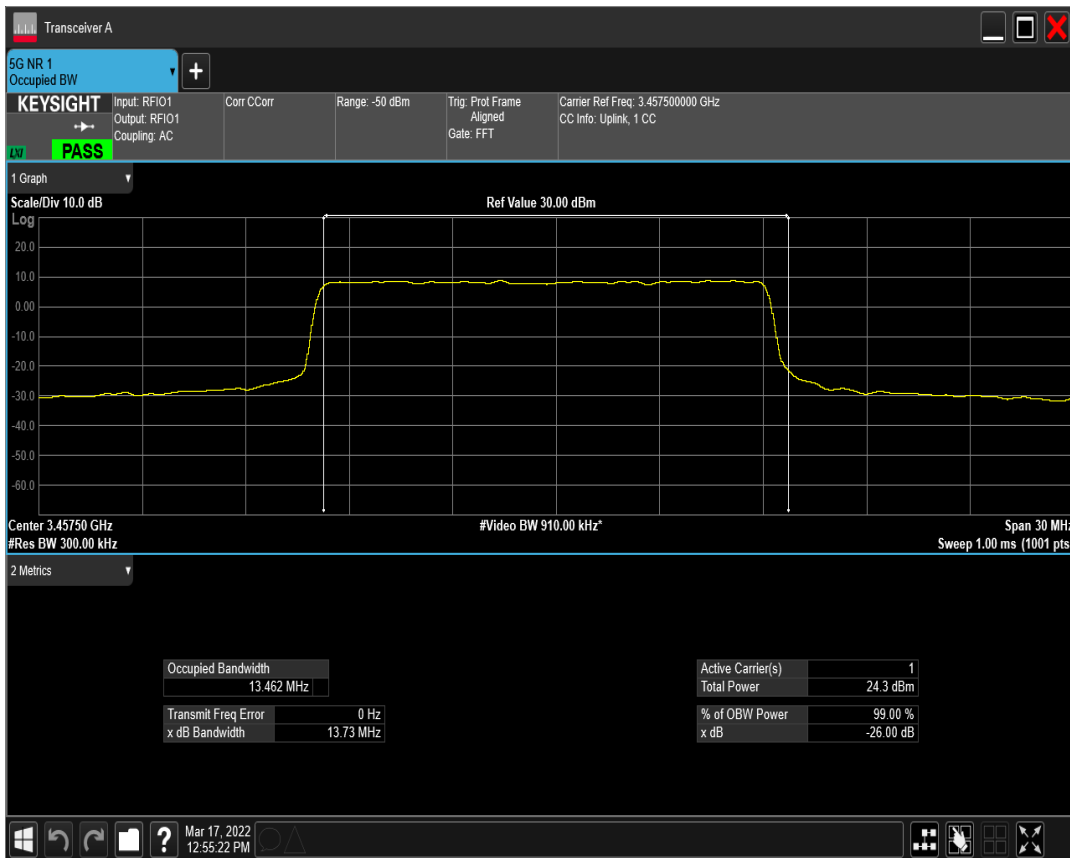
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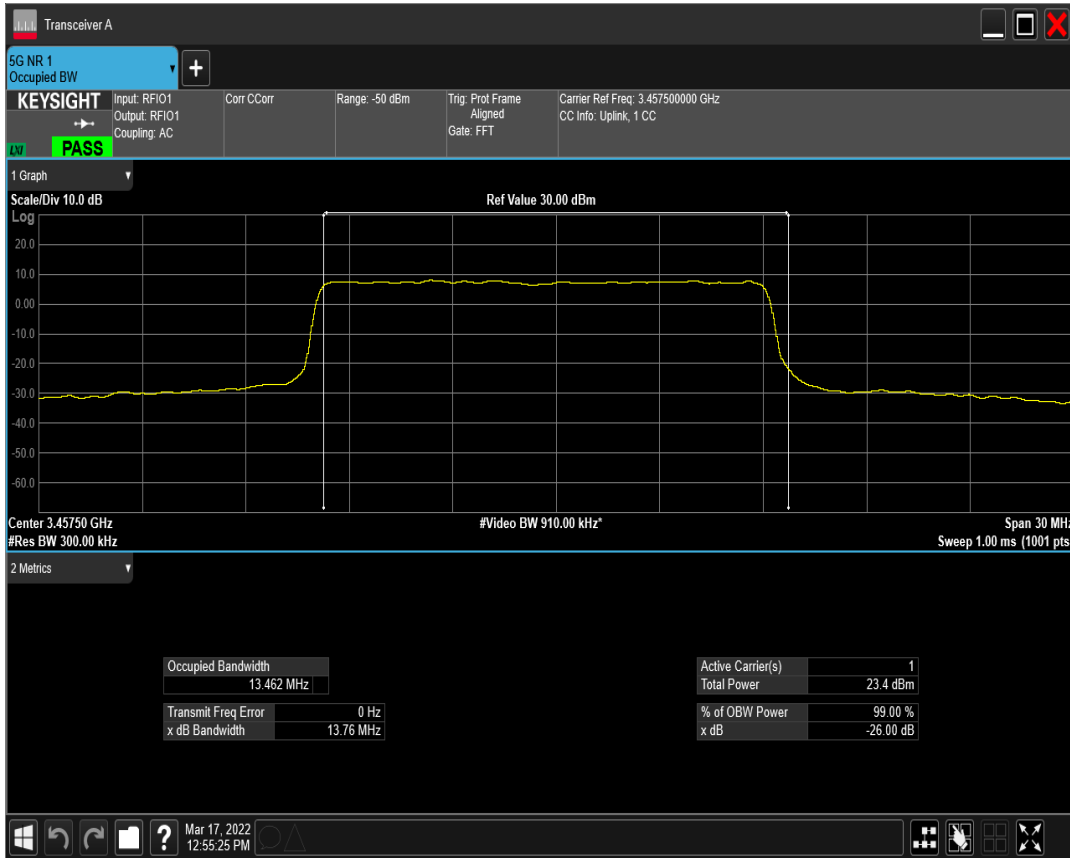
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=15MHz Channel=630500 RB=36@0



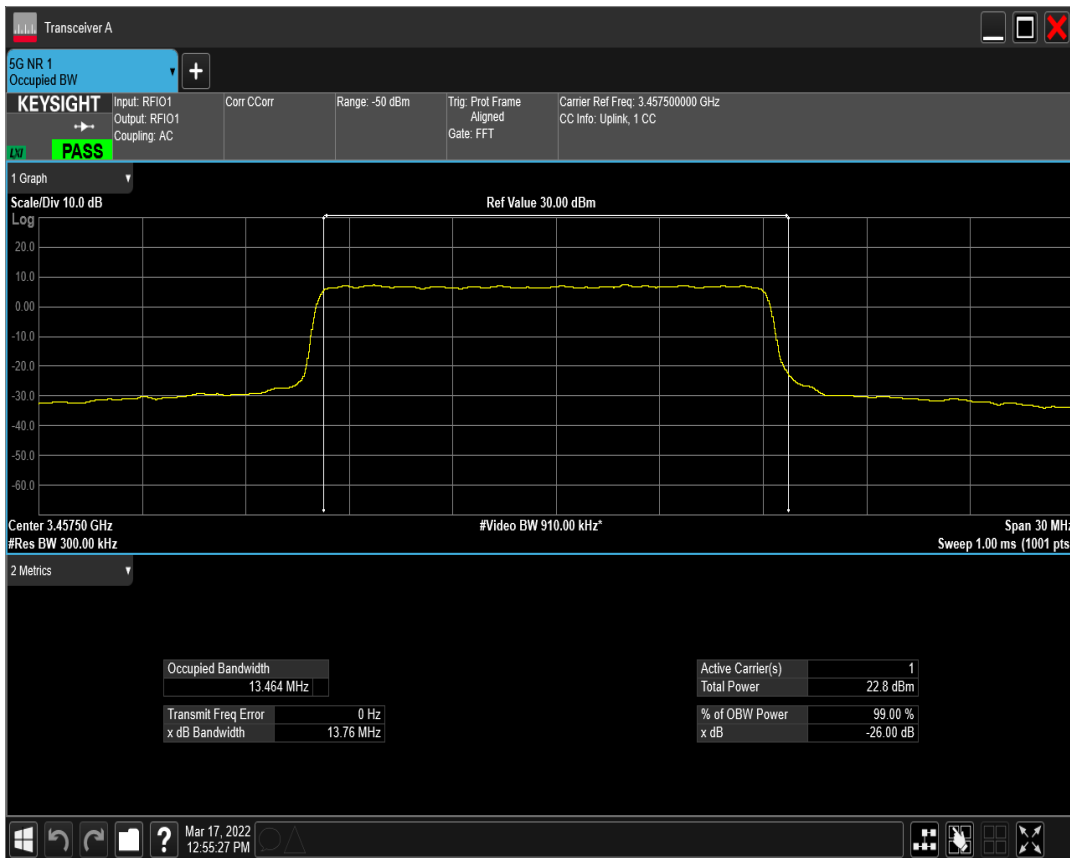
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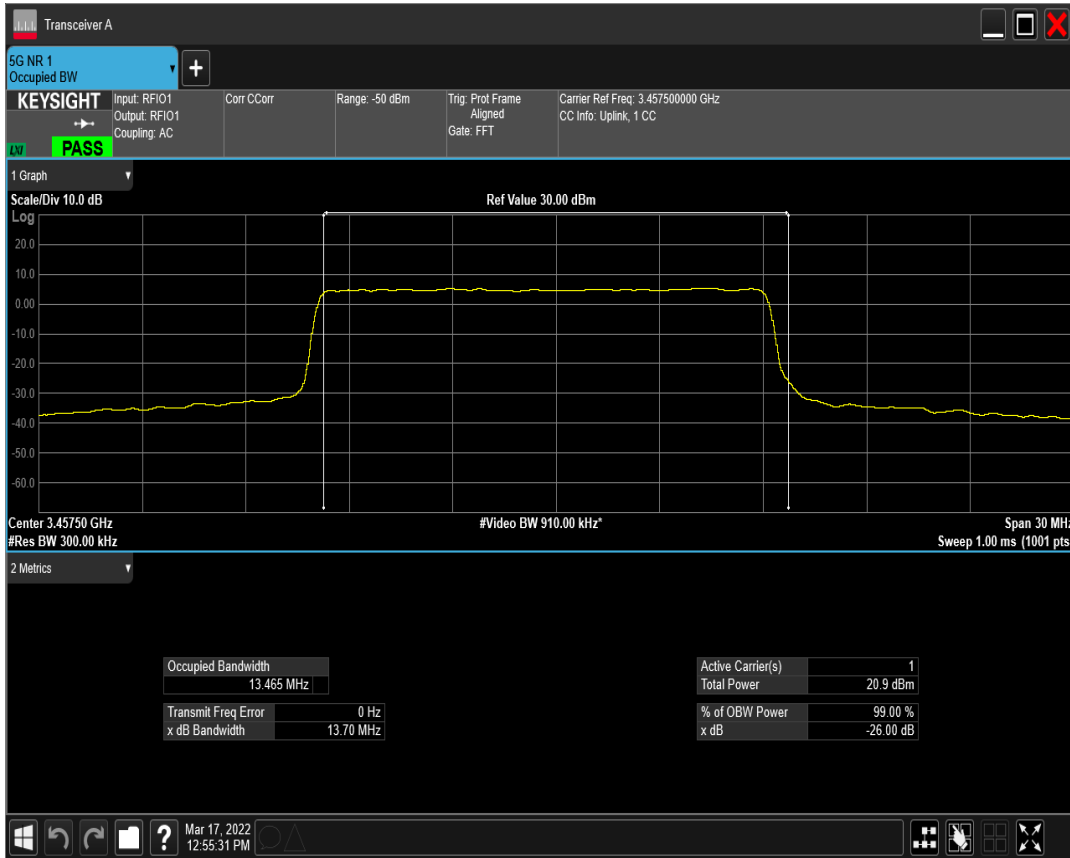
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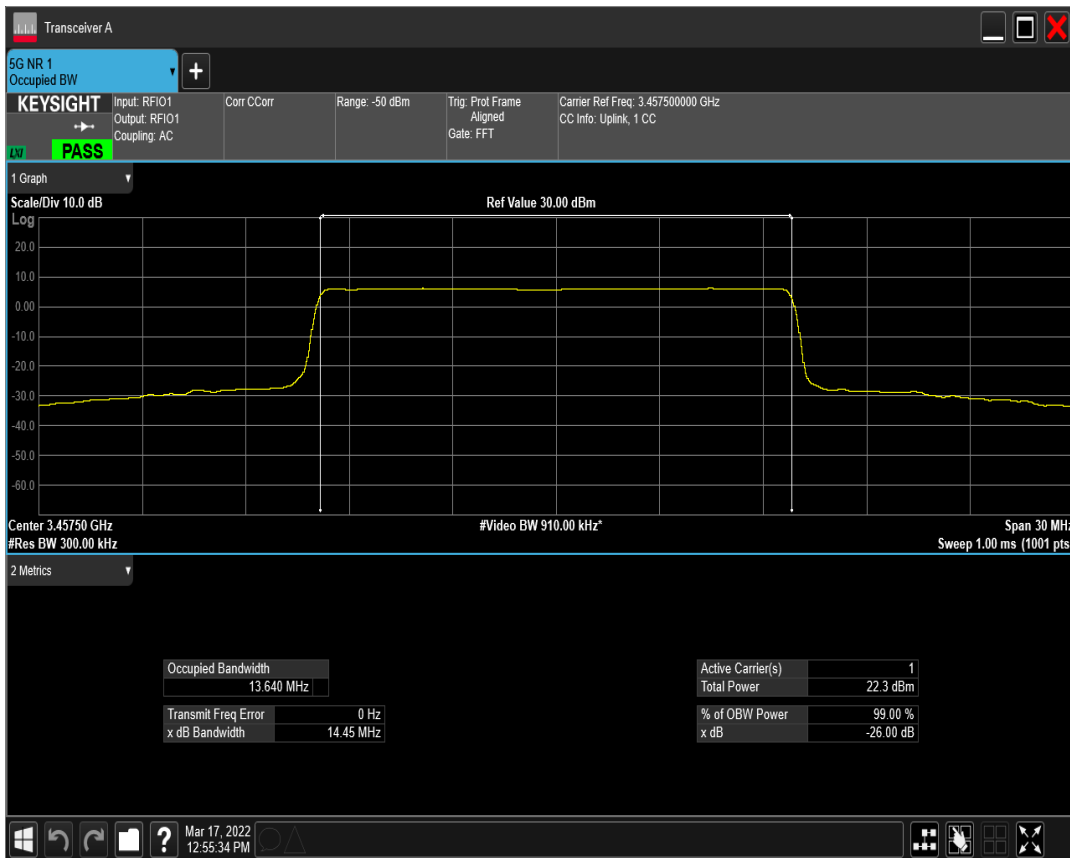
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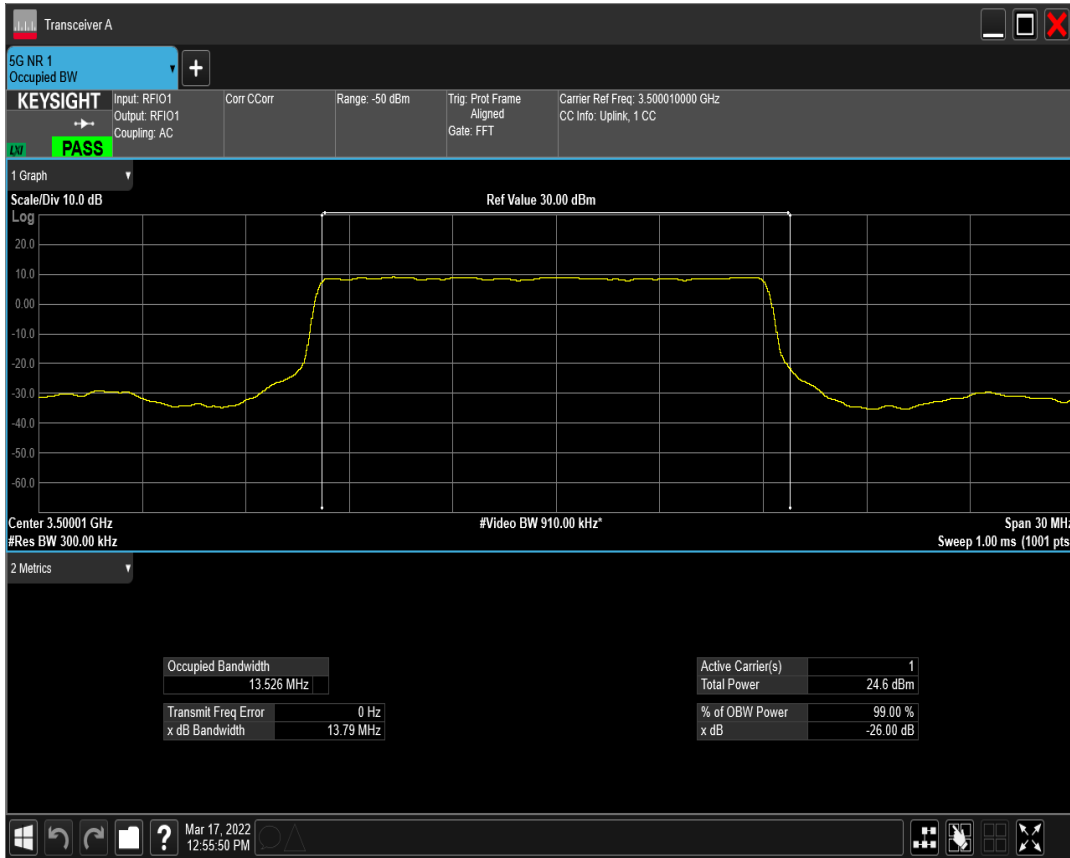
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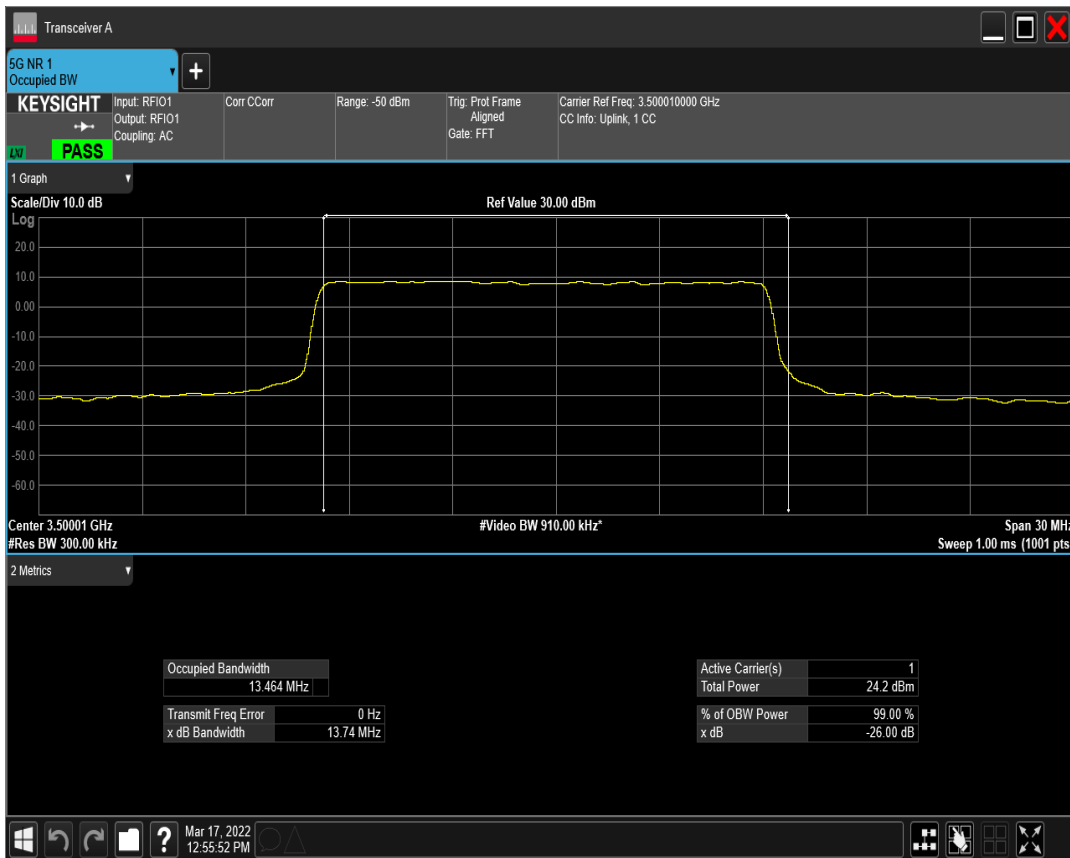
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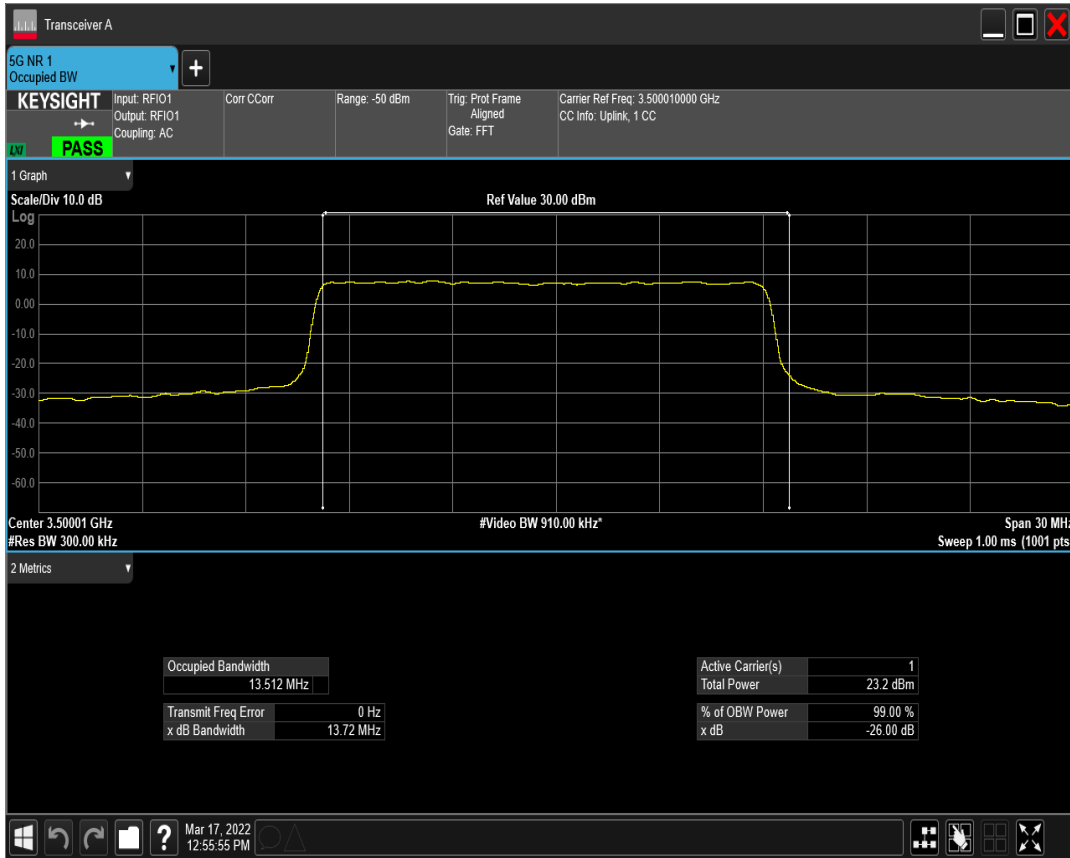
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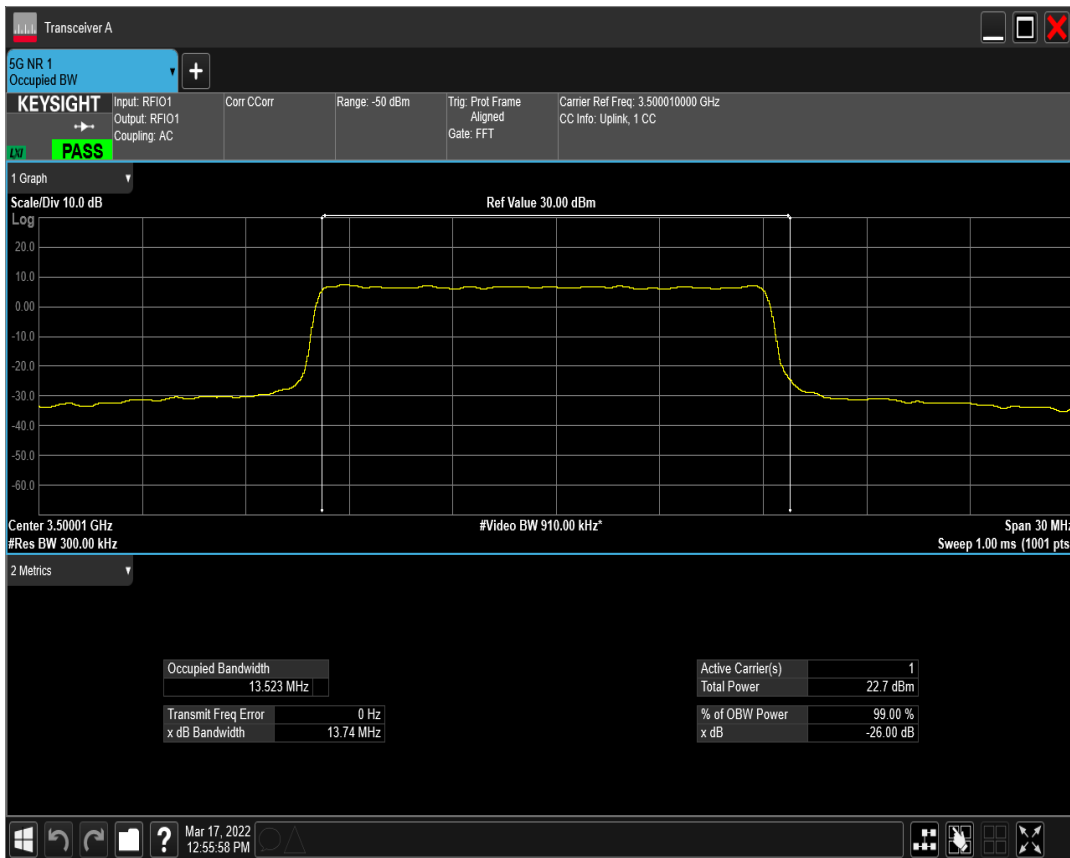
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=15MHz Channel=633334 RB=36@0



n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=15MHz Channel=633334 RB=36@0

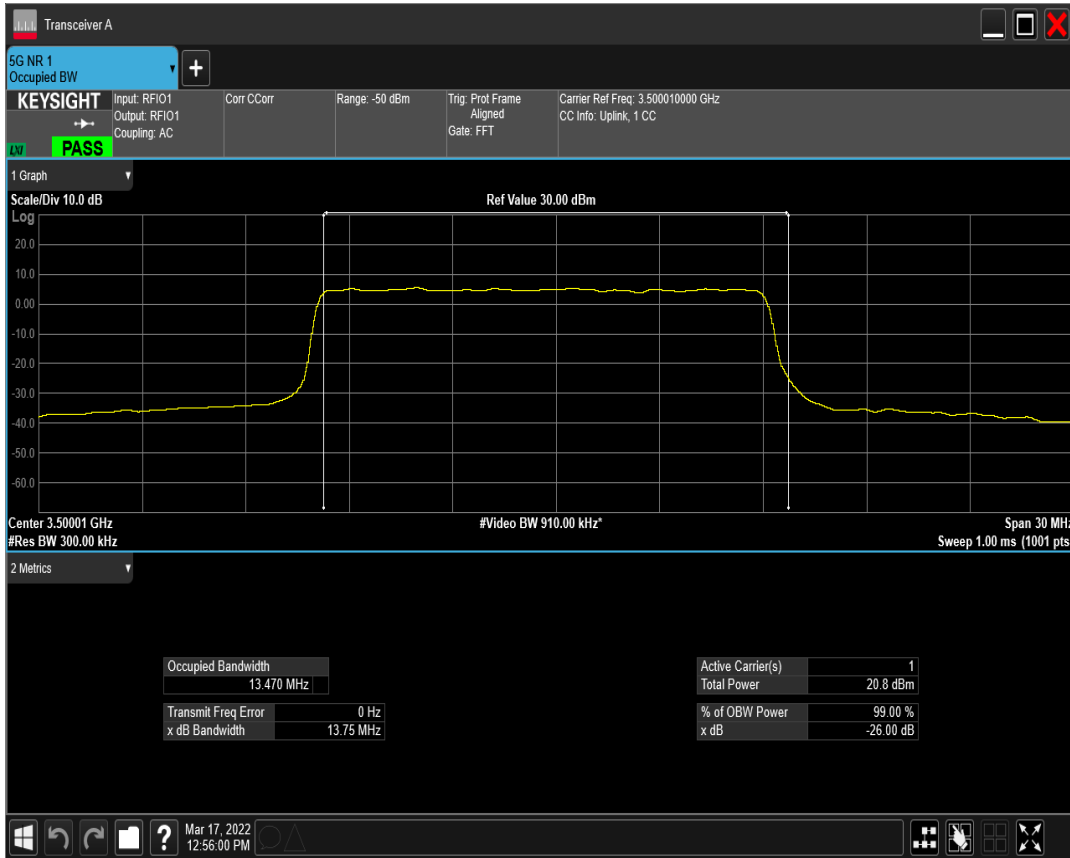


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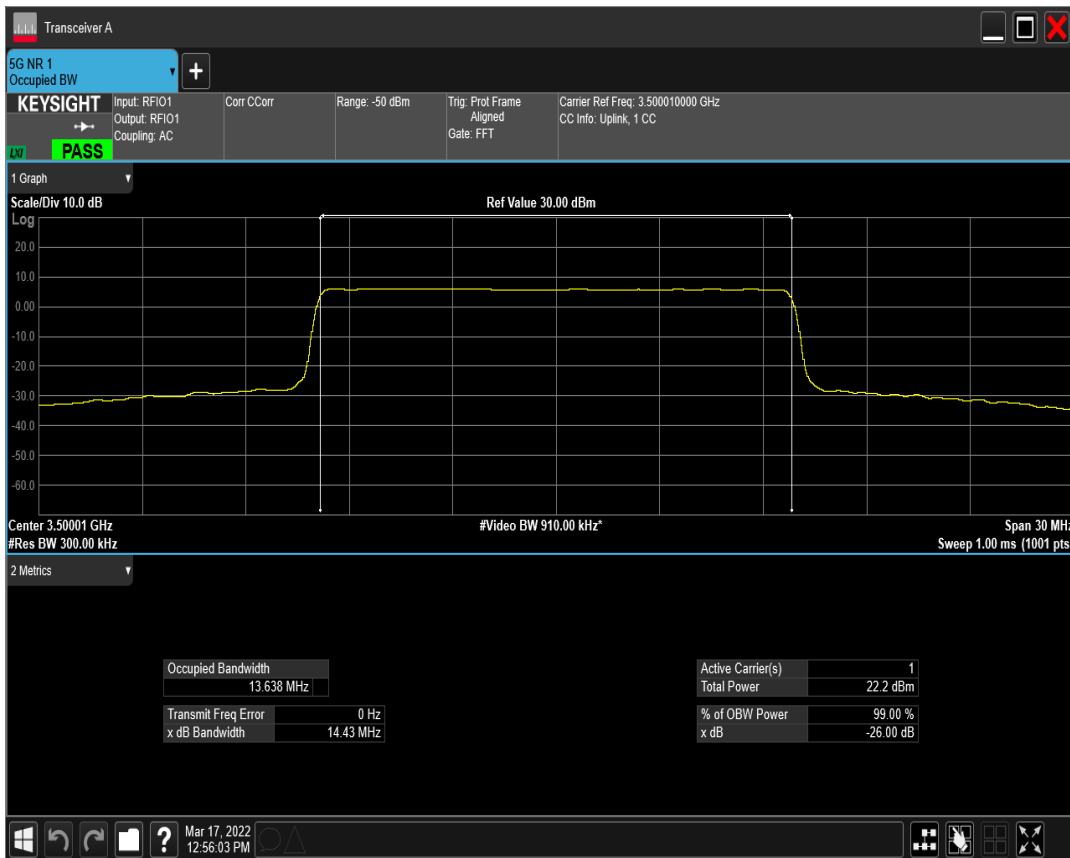


n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=15MHz Channel=633334 RB=36@0

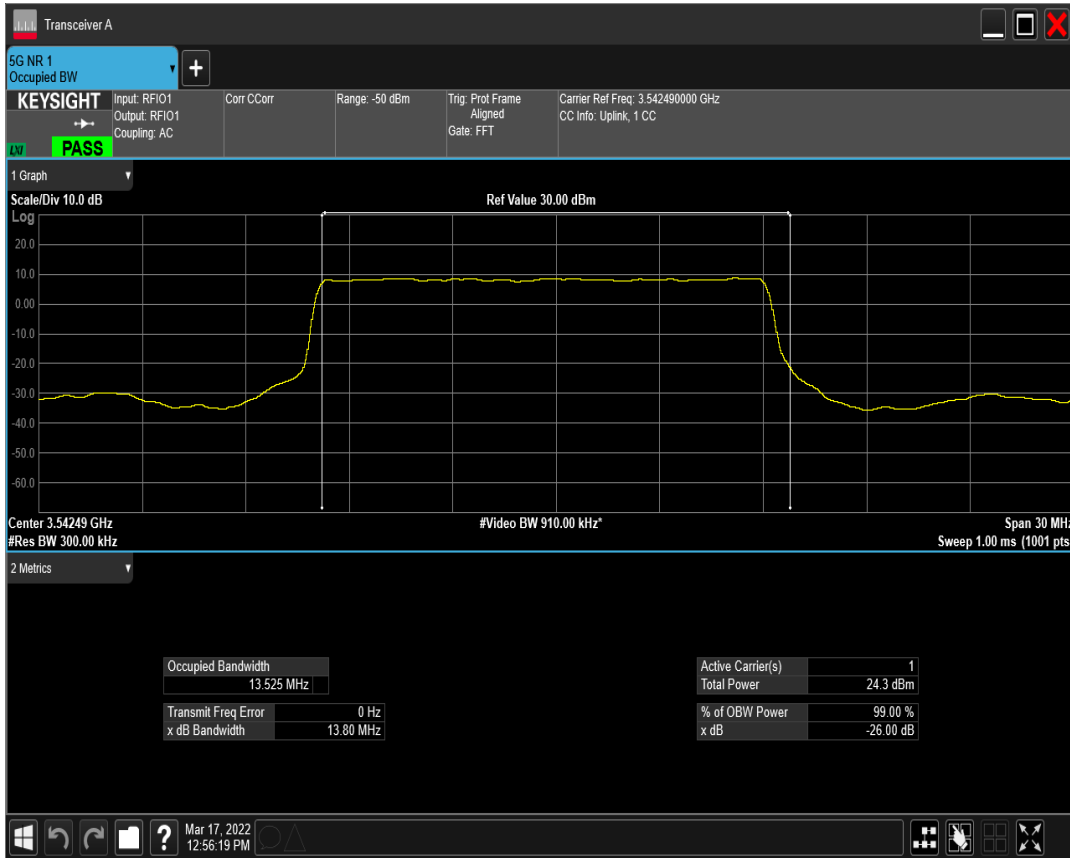




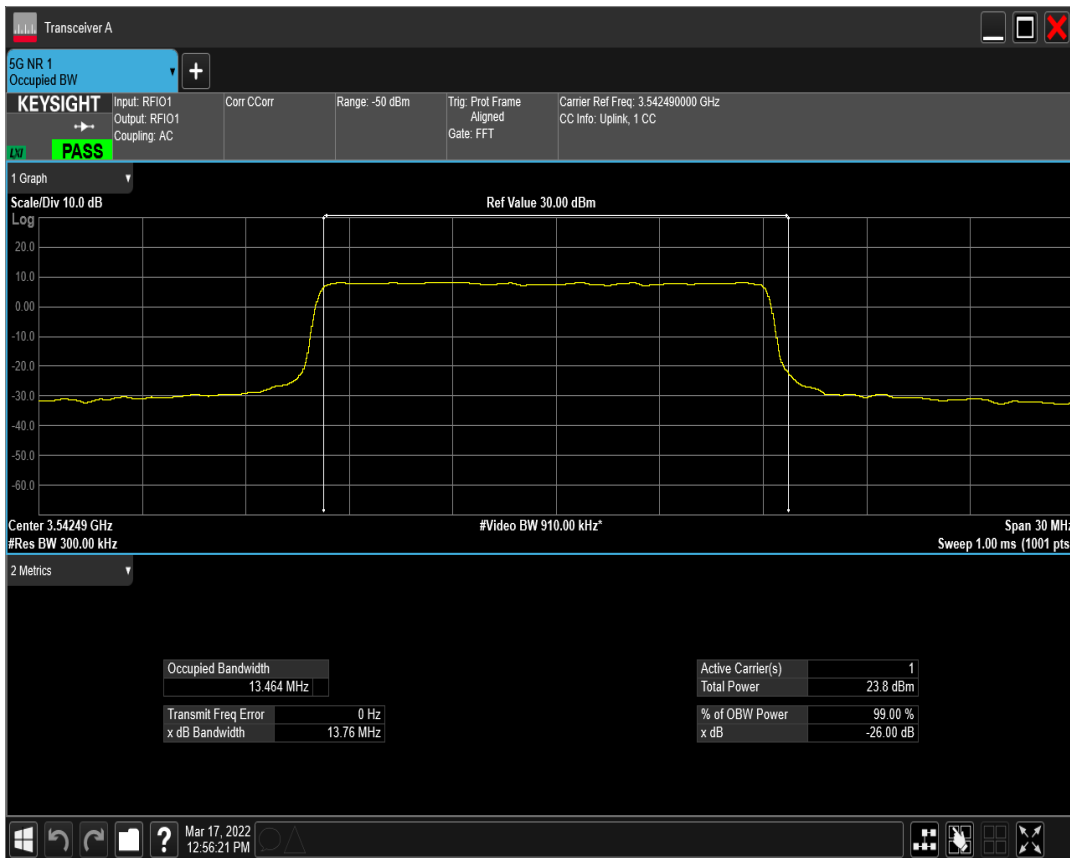
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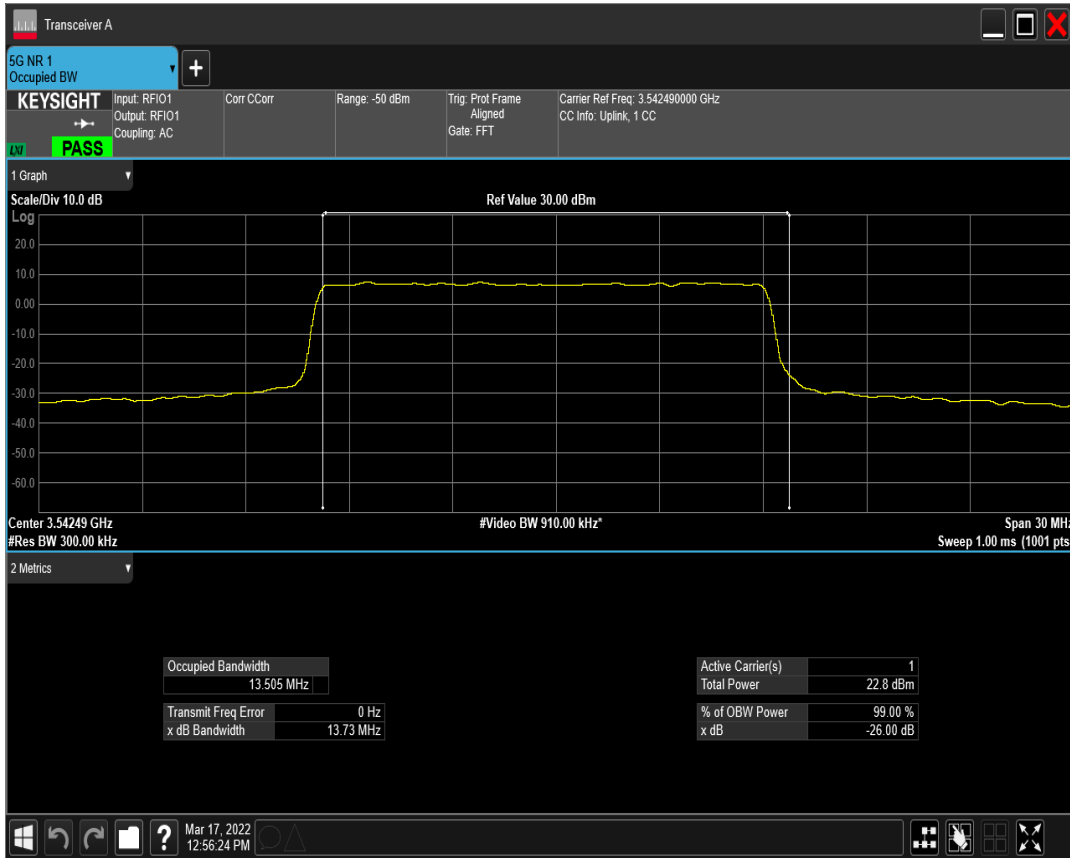
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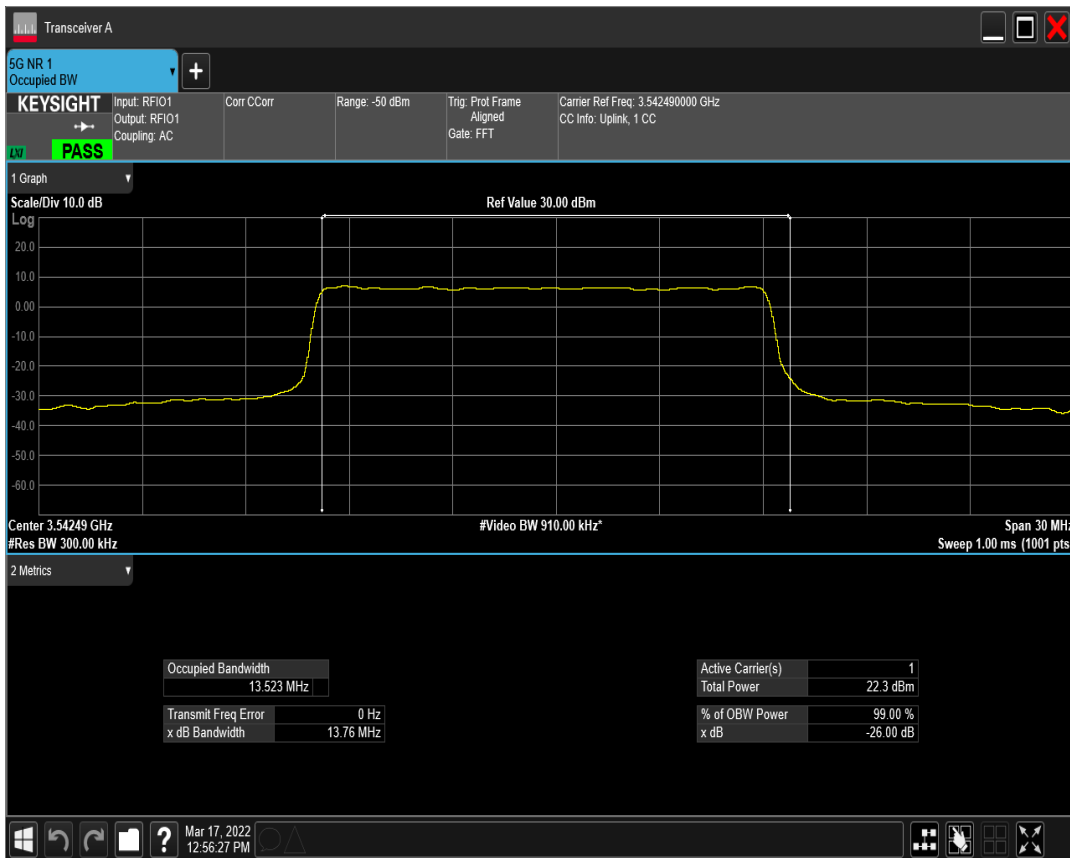
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n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=15MHz Channel=636166 RB=36@0



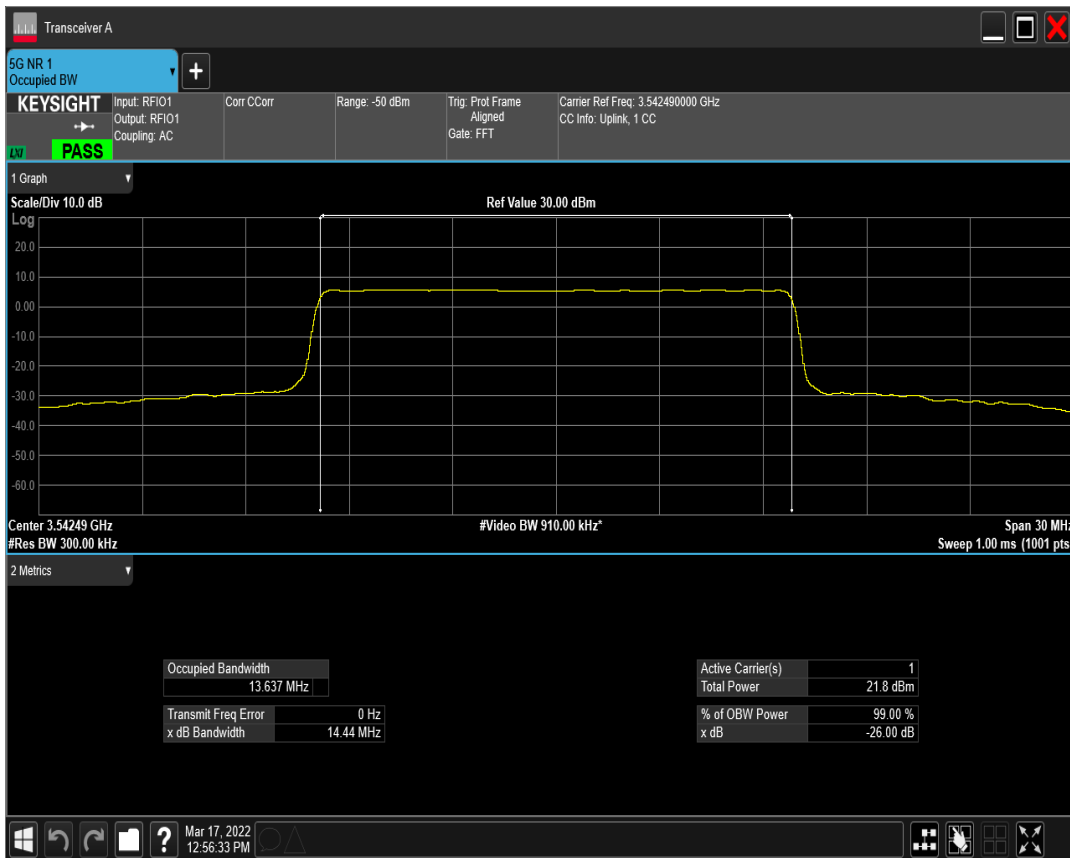
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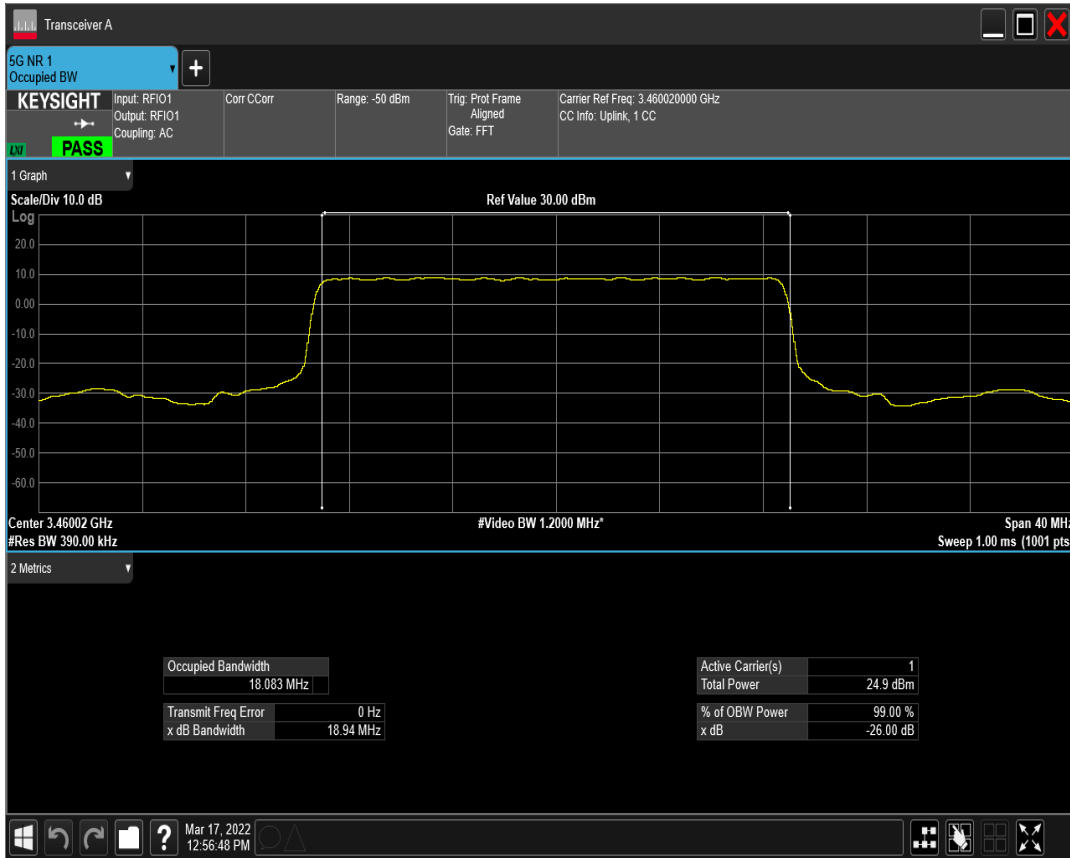
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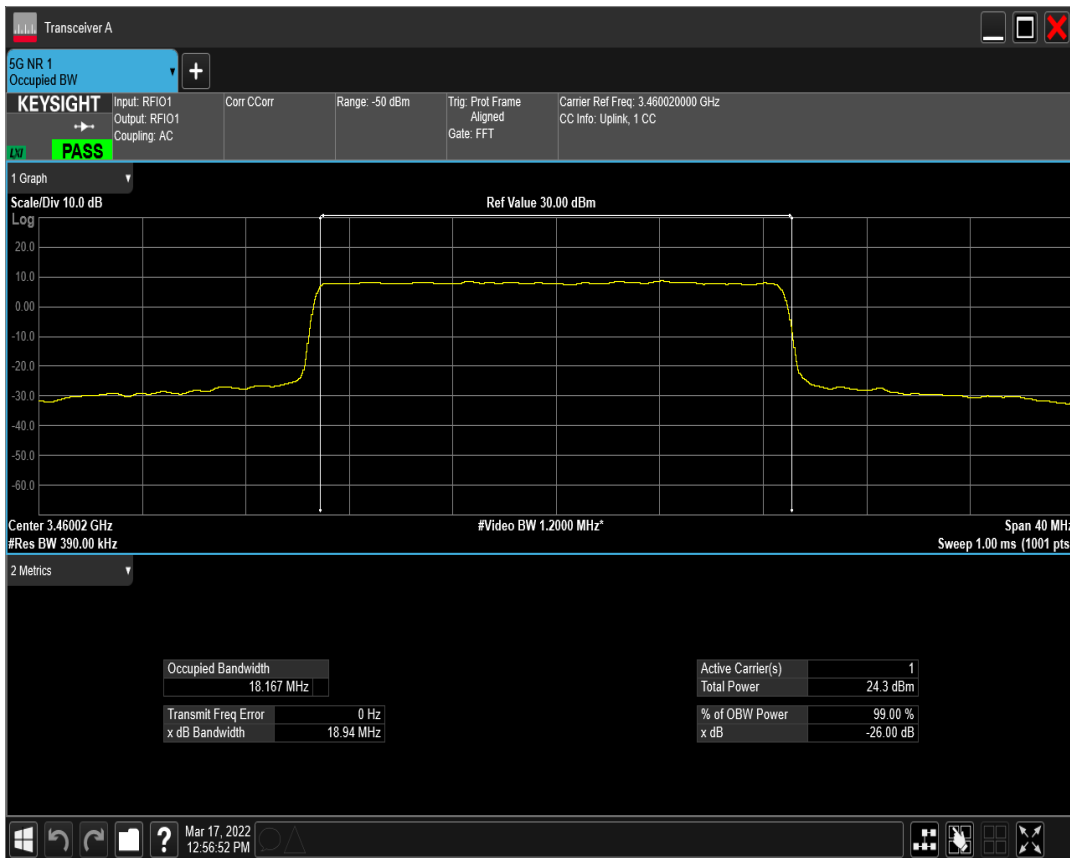
n77(3450-3550) SCS=30kHz CP\_QPSK BW=15MHz Channel=636166 RB=38@0



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



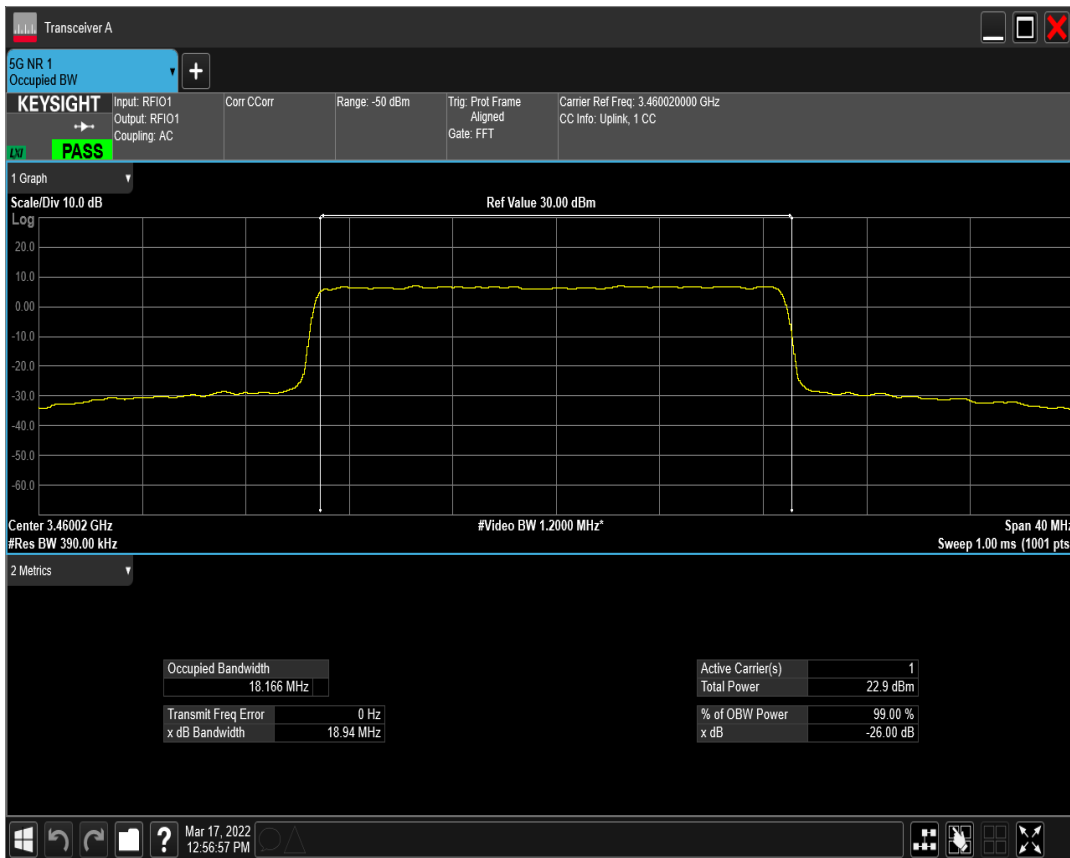
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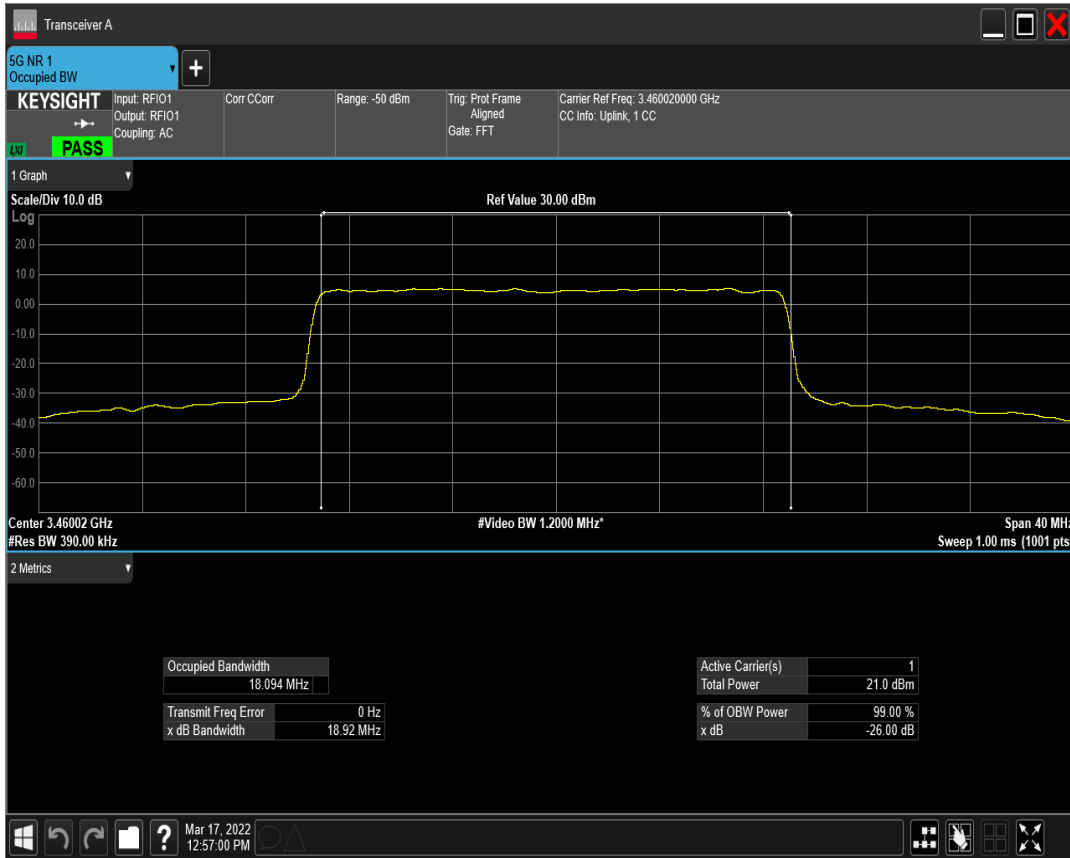
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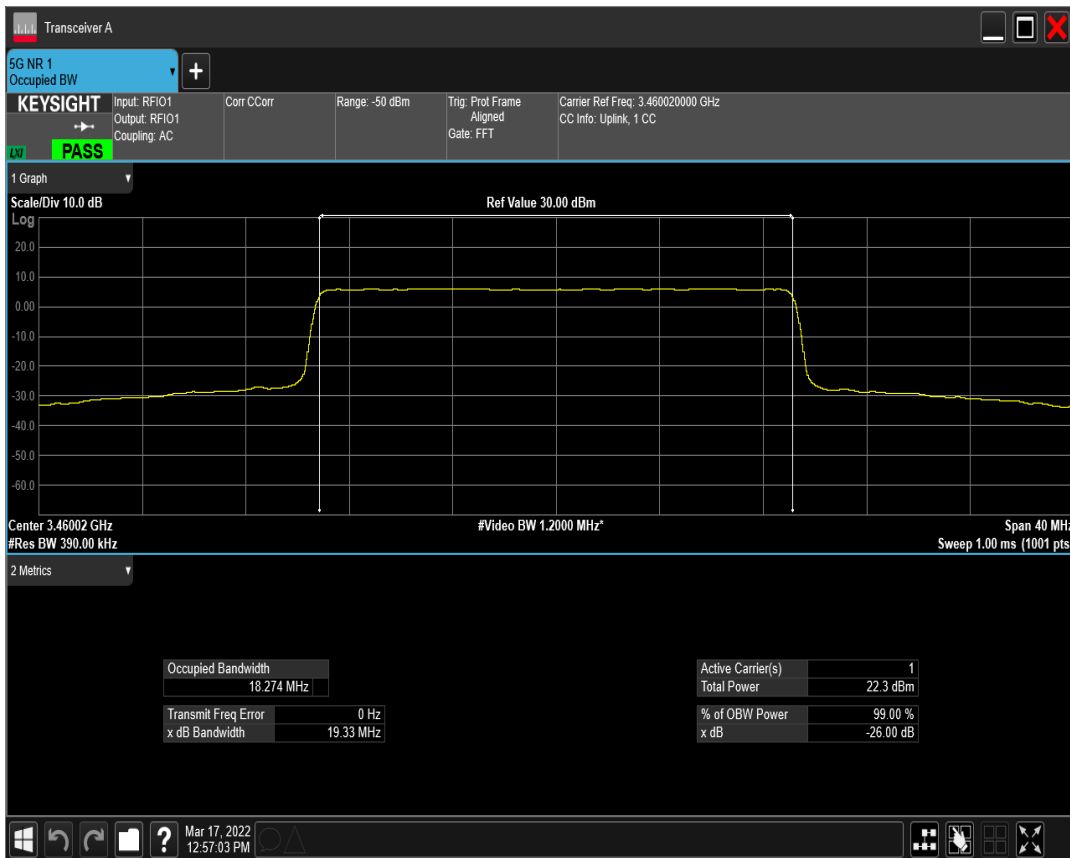
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n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=20MHz Channel=630668 RB=50@0



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

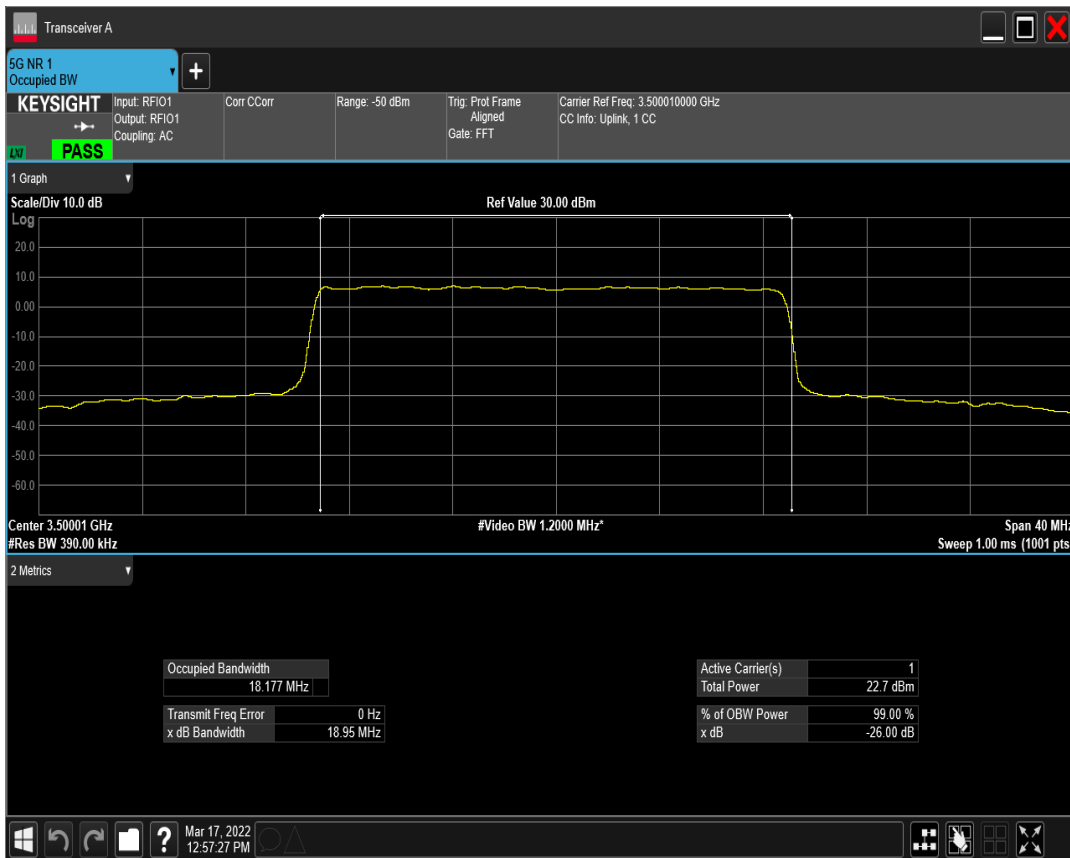


n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=20MHz Channel=633334 RB=50@0





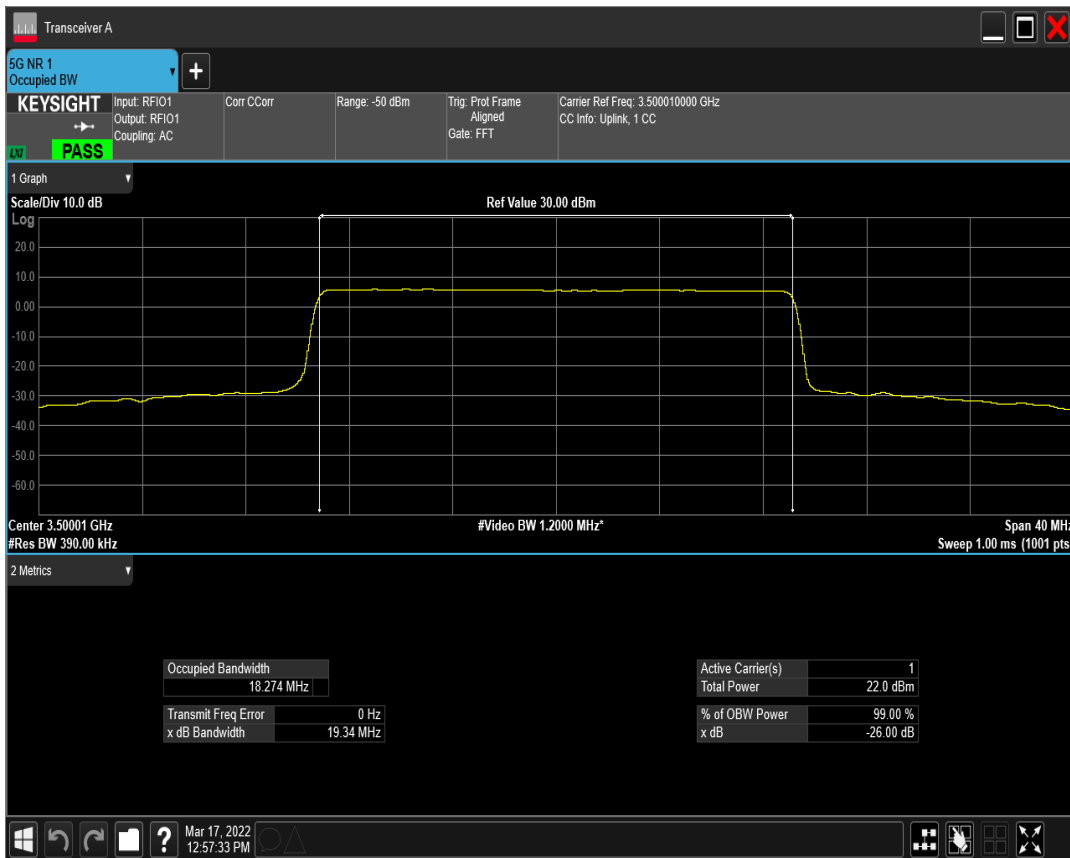
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n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=20MHz Channel=633334 RB=50@0



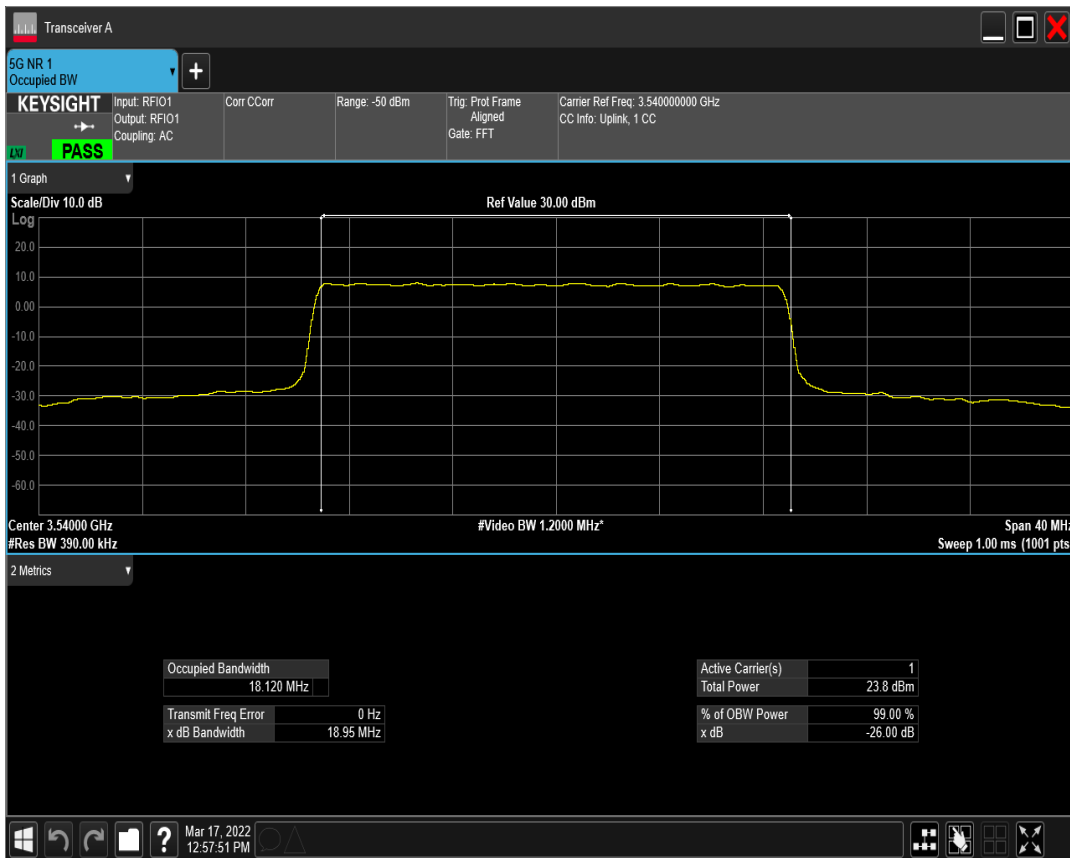
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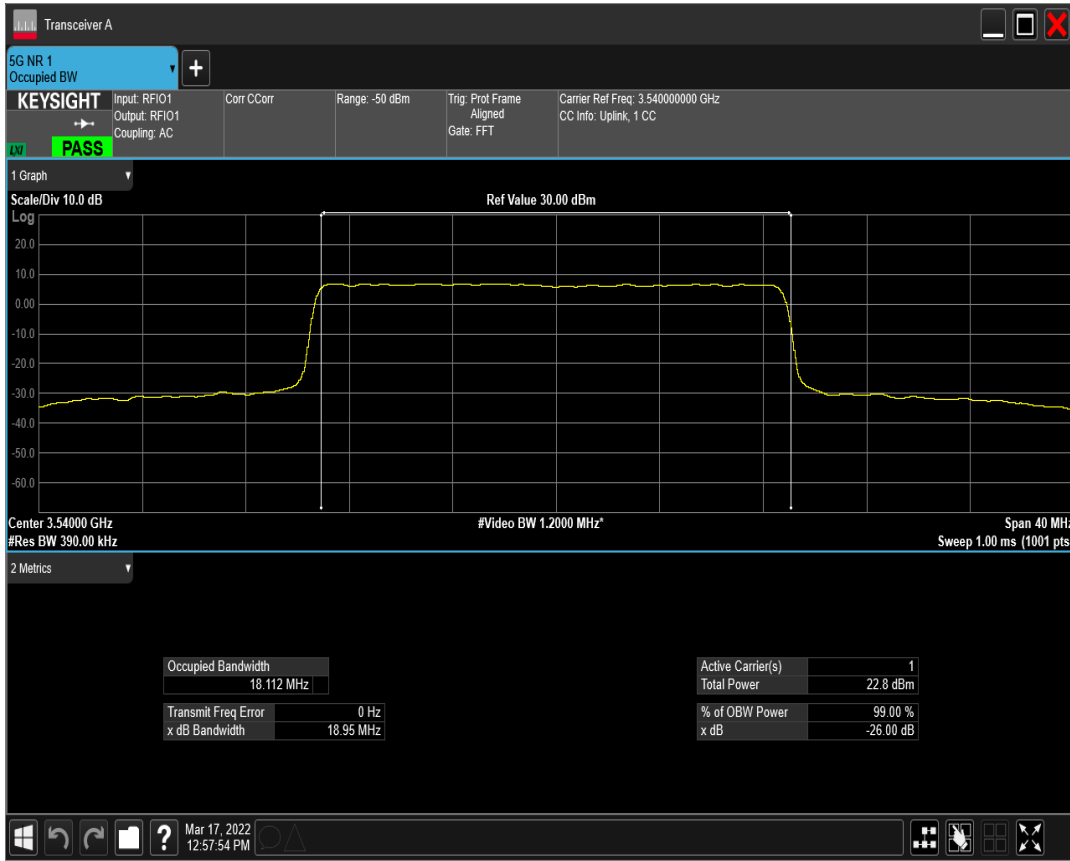
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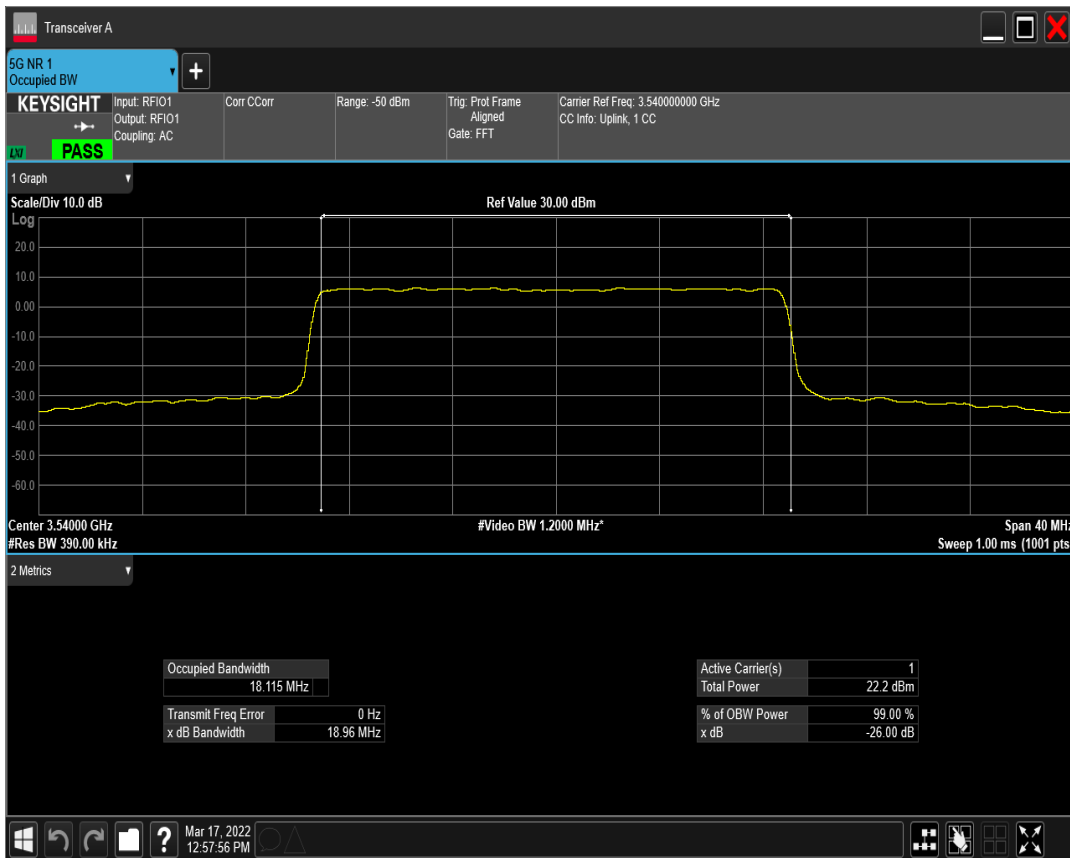
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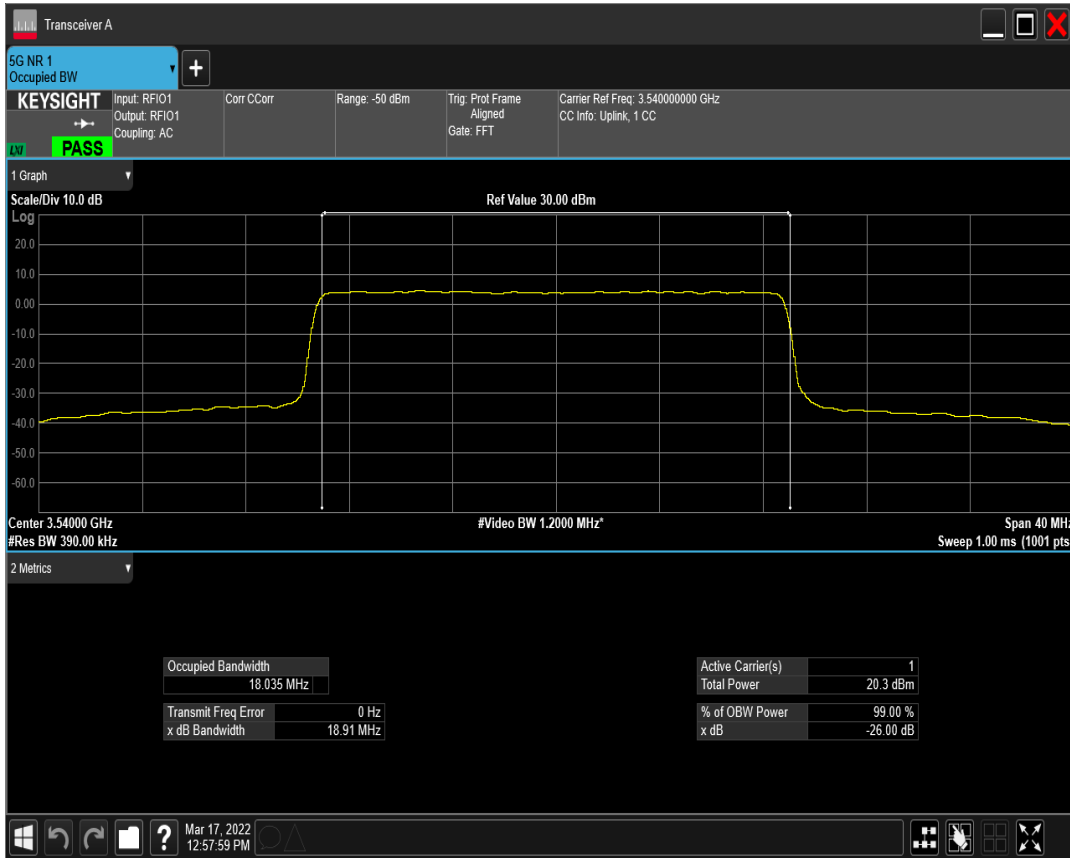
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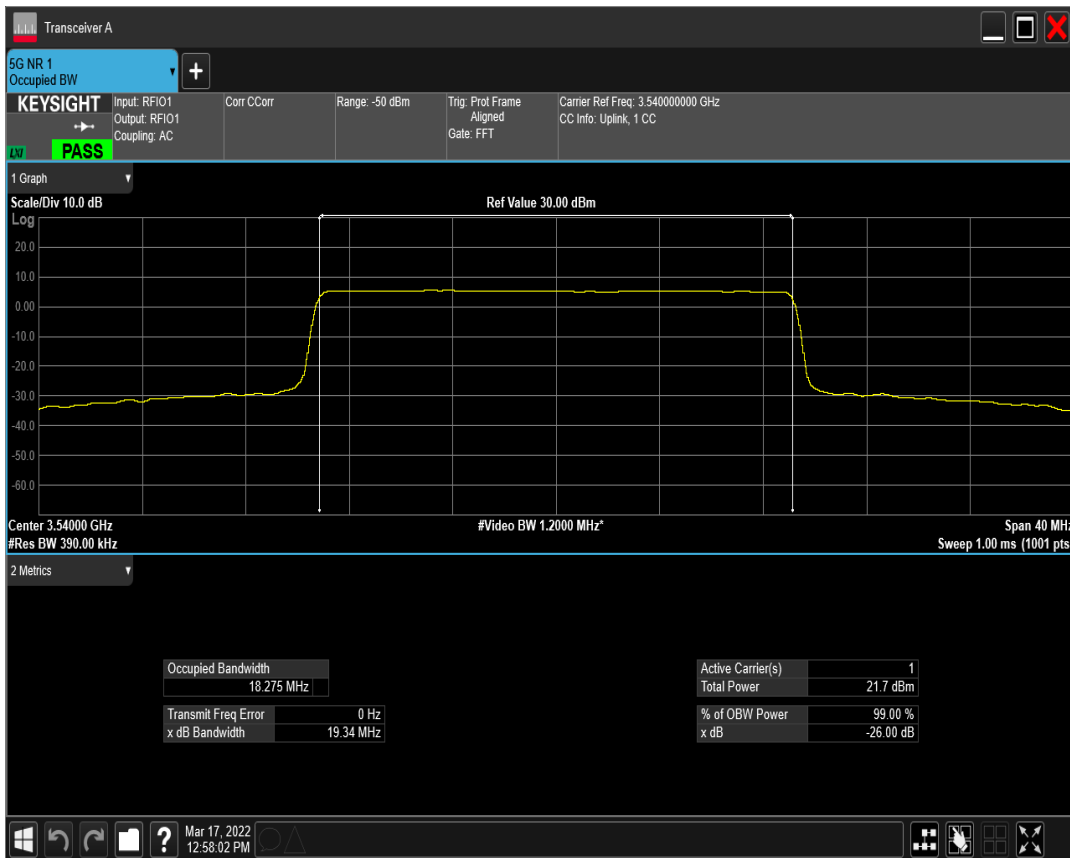
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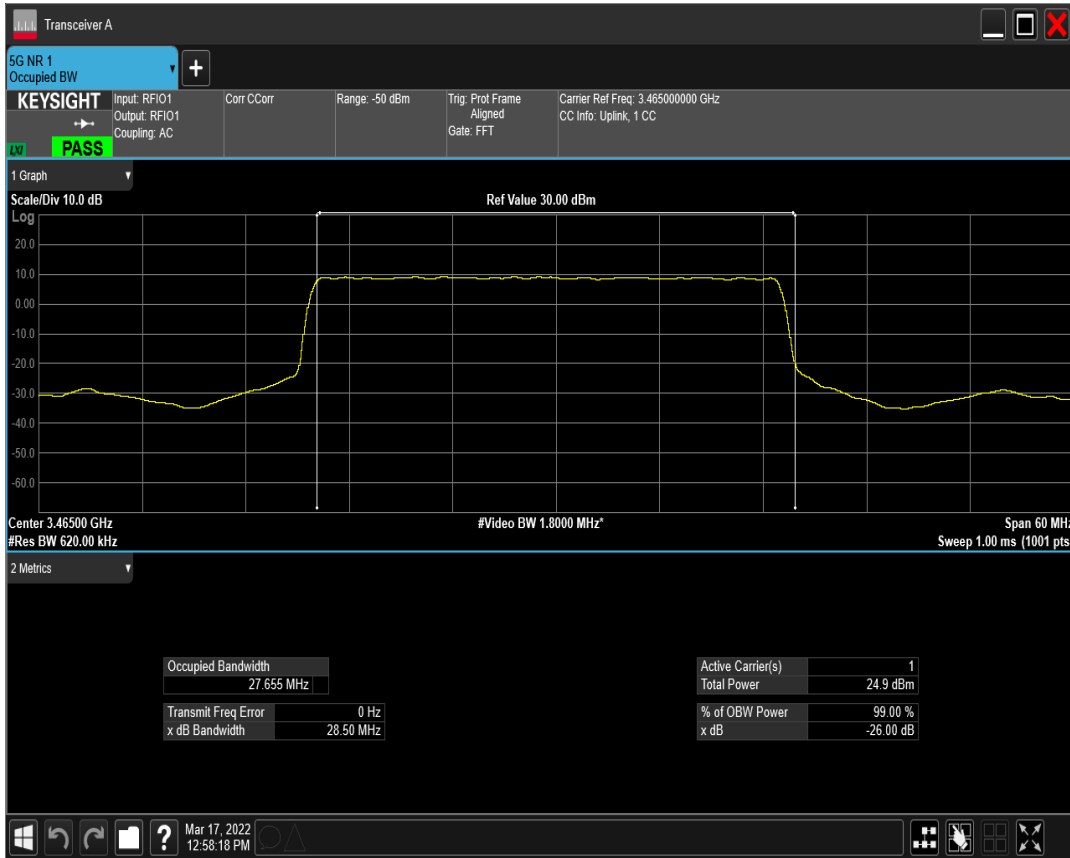
n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=20MHz Channel=636000 RB=50@0



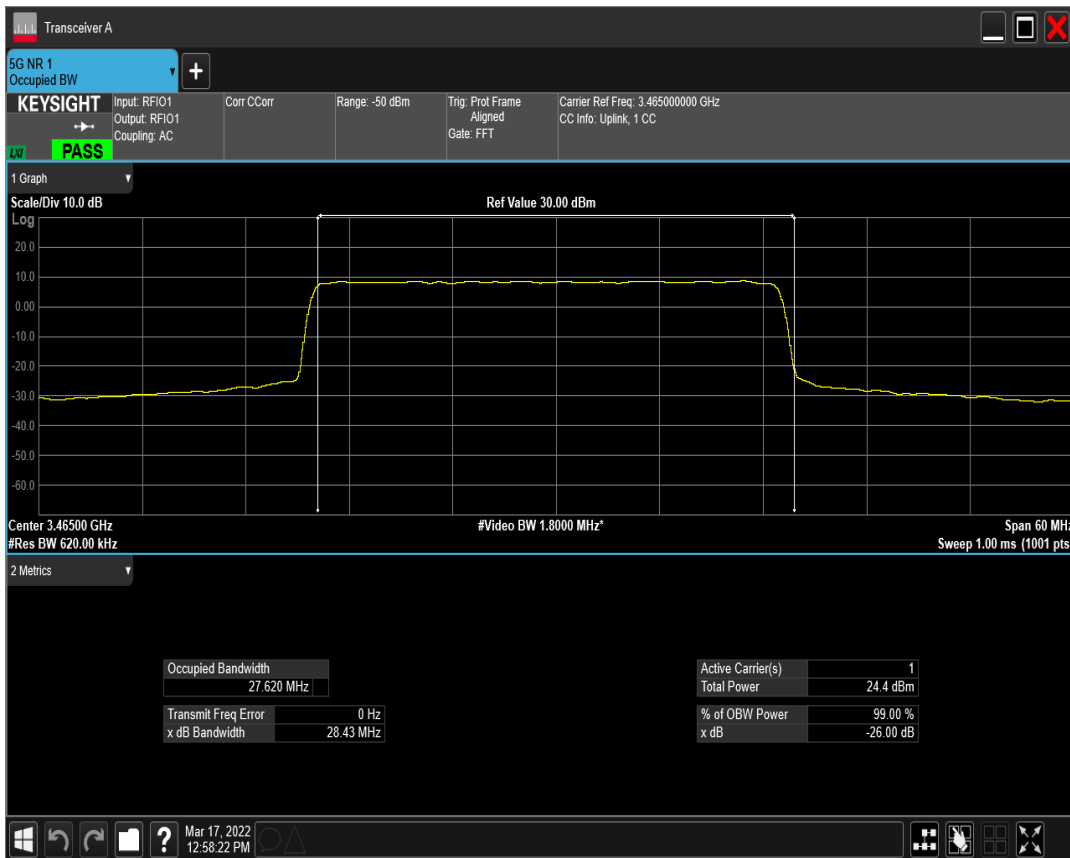
n77(3450-3550) SCS=30kHz CP\_QPSK BW=20MHz Channel=636000 RB=51 @0



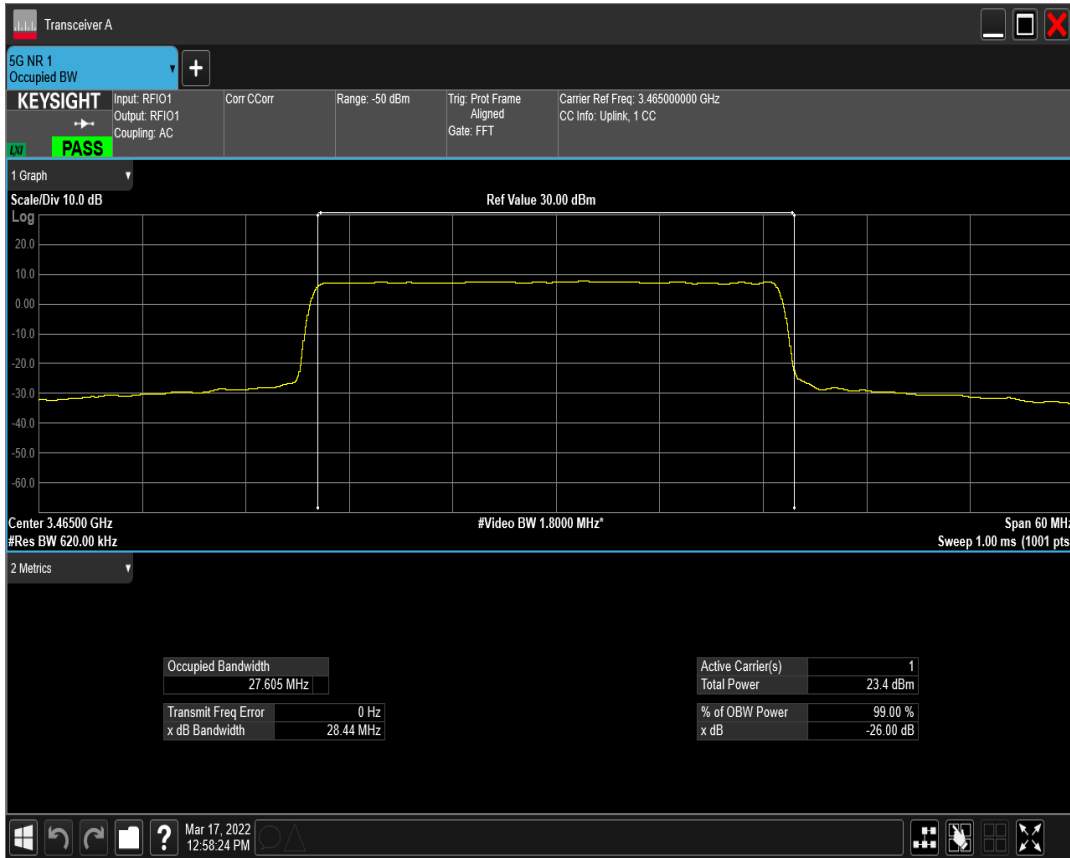
n77(3450-3550) SCS=30kHz DFT\_BPSK BW=30MHz Channel=631000 RB=75 @0



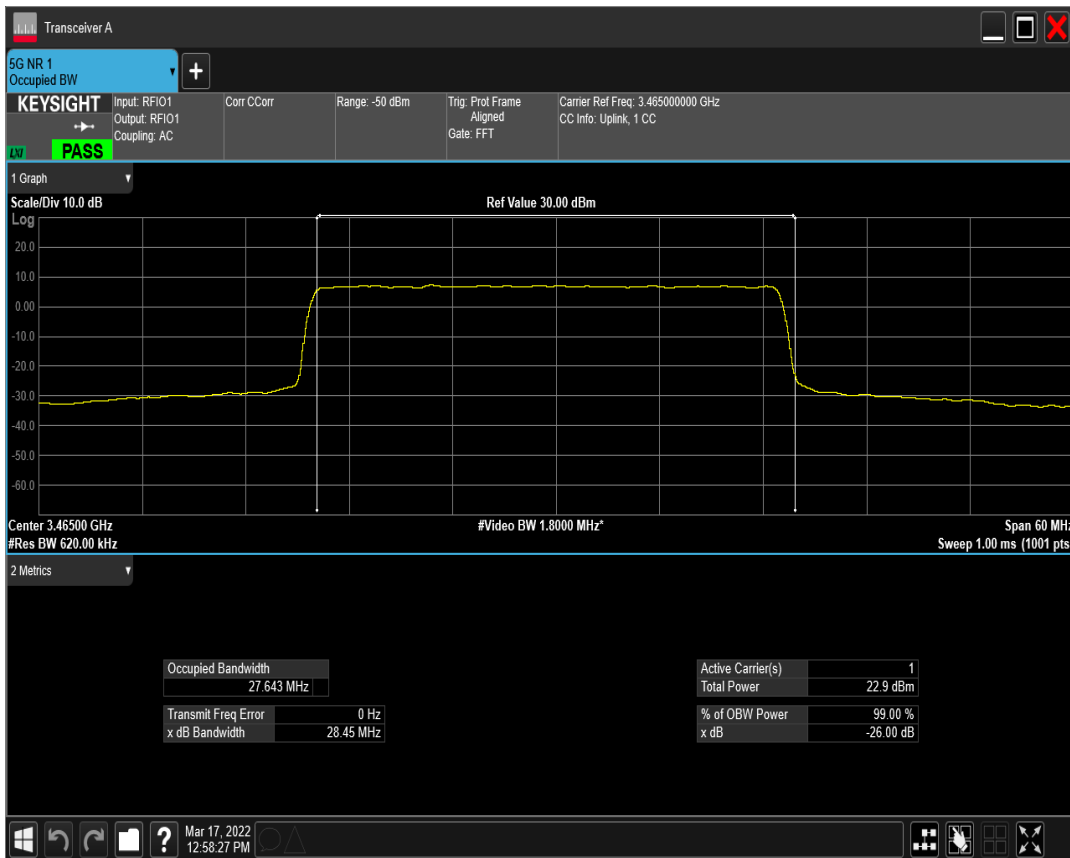
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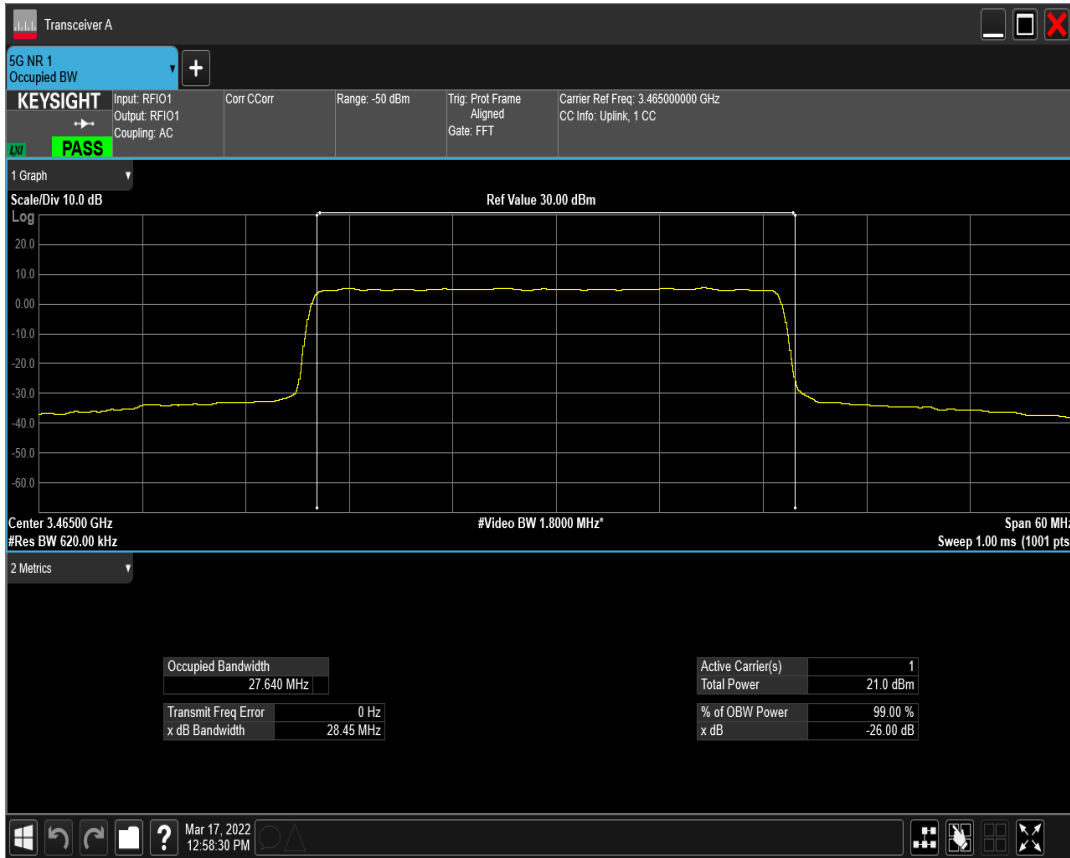
n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=30MHz Channel=631000 RB=75@0



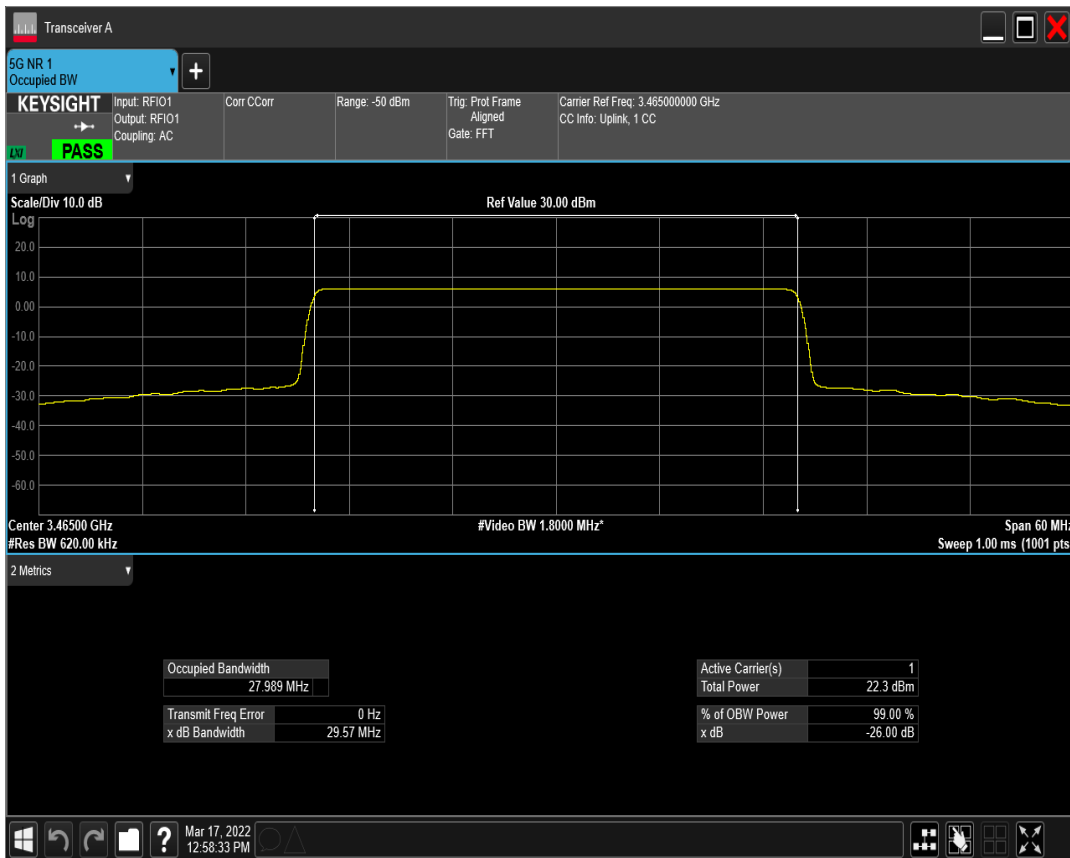
n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=631000 RB=75@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=30MHz Channel=631000 RB=75@0

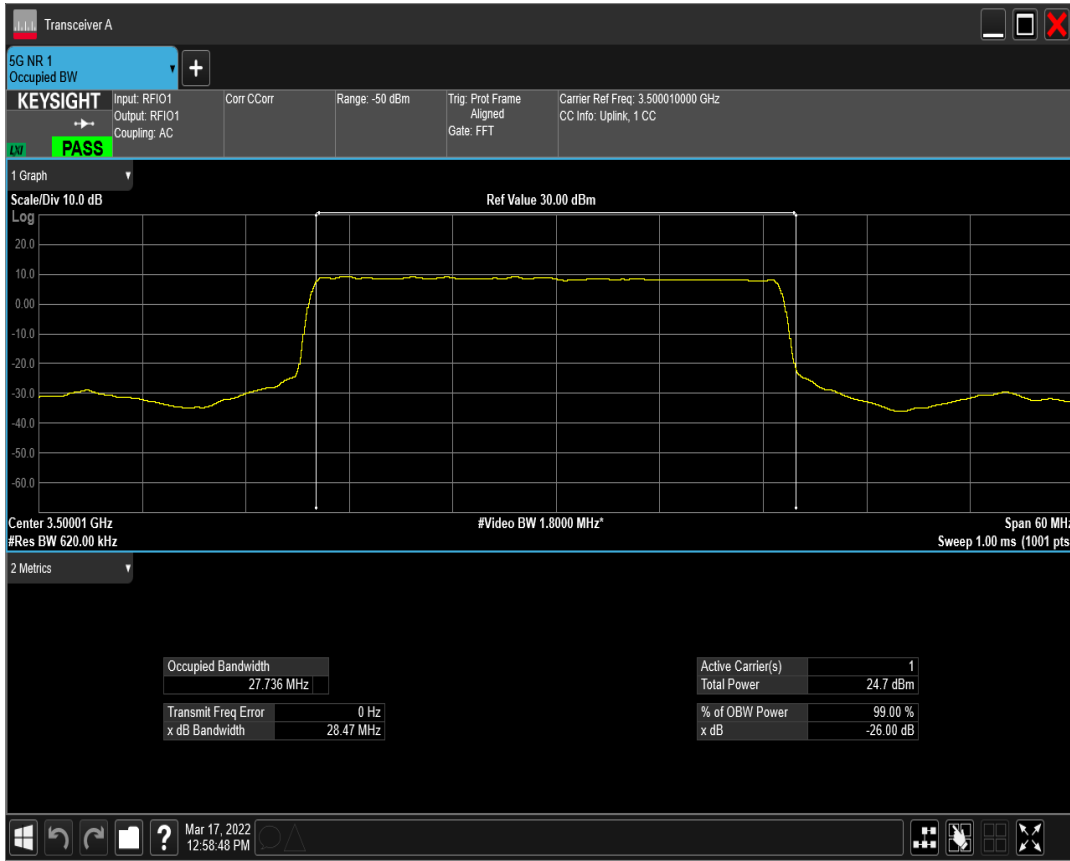


n77(3450-3550) SCS=30kHz CP\_QPSK BW=30MHz Channel=631000 RB=78@0

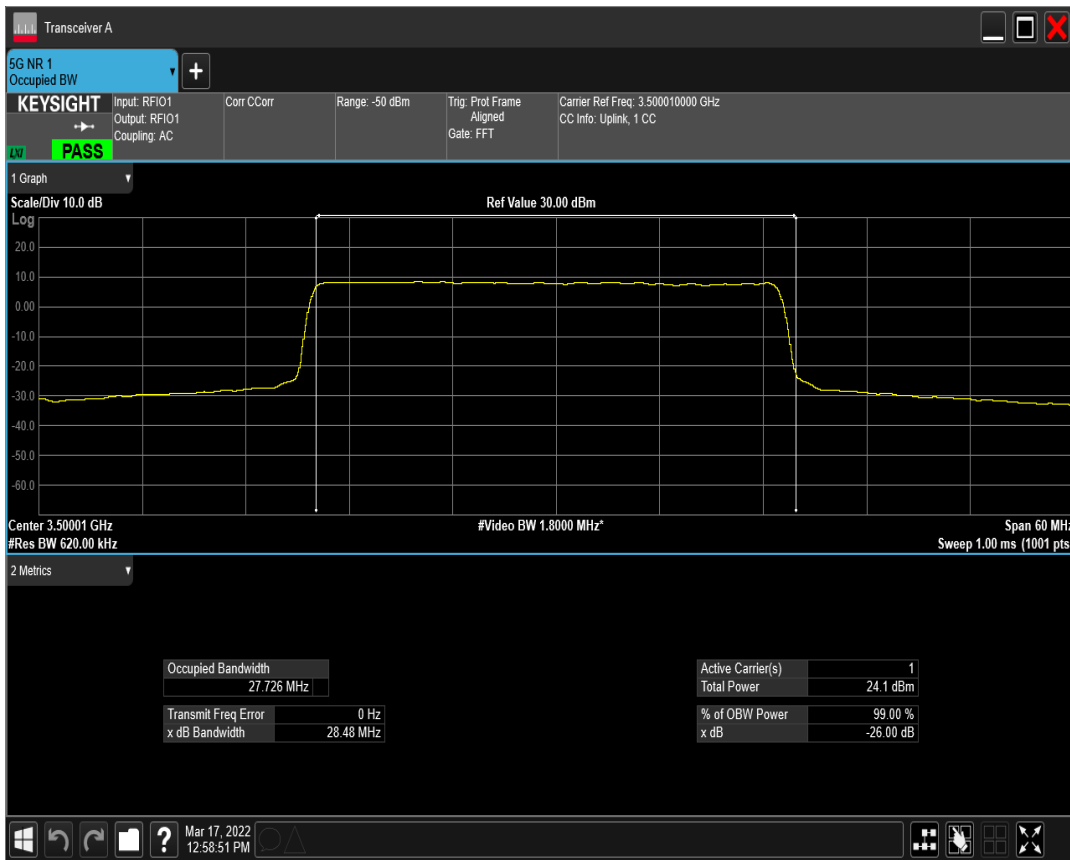


n77(3450-3550) SCS=30kHz DFT\_BPSK BW=30MHz Channel=633334 RB=75@0

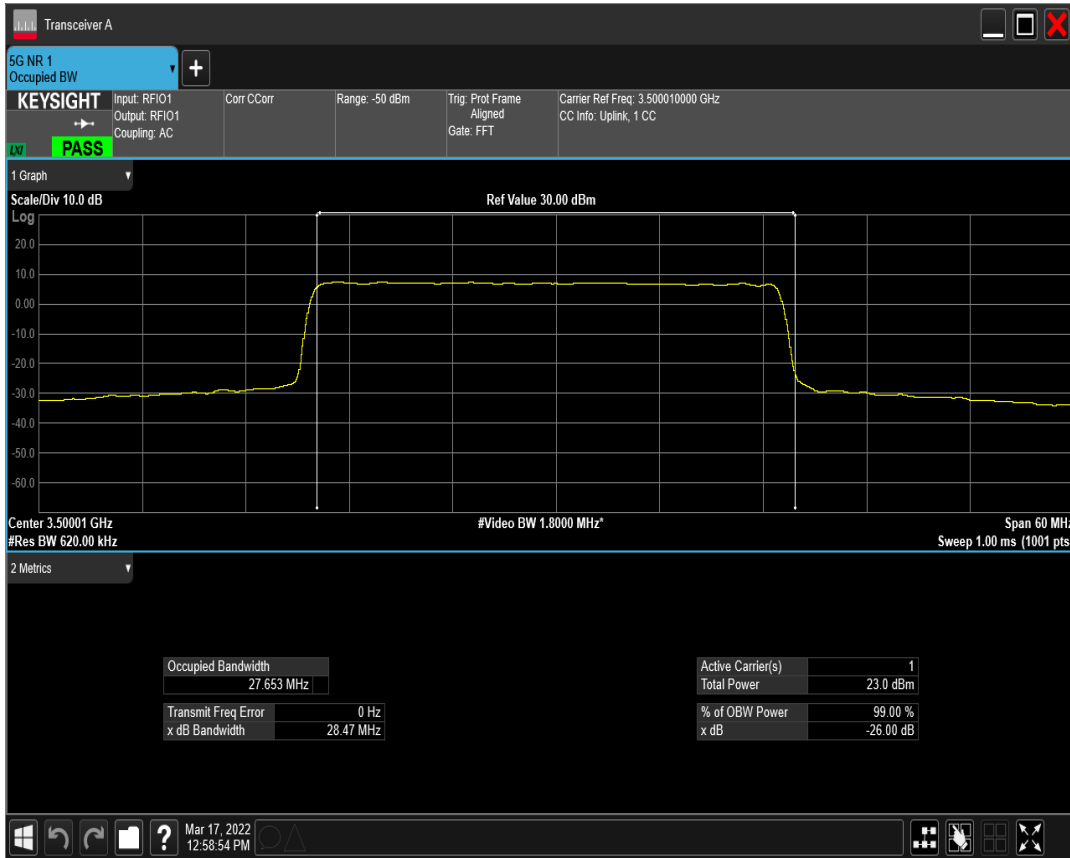




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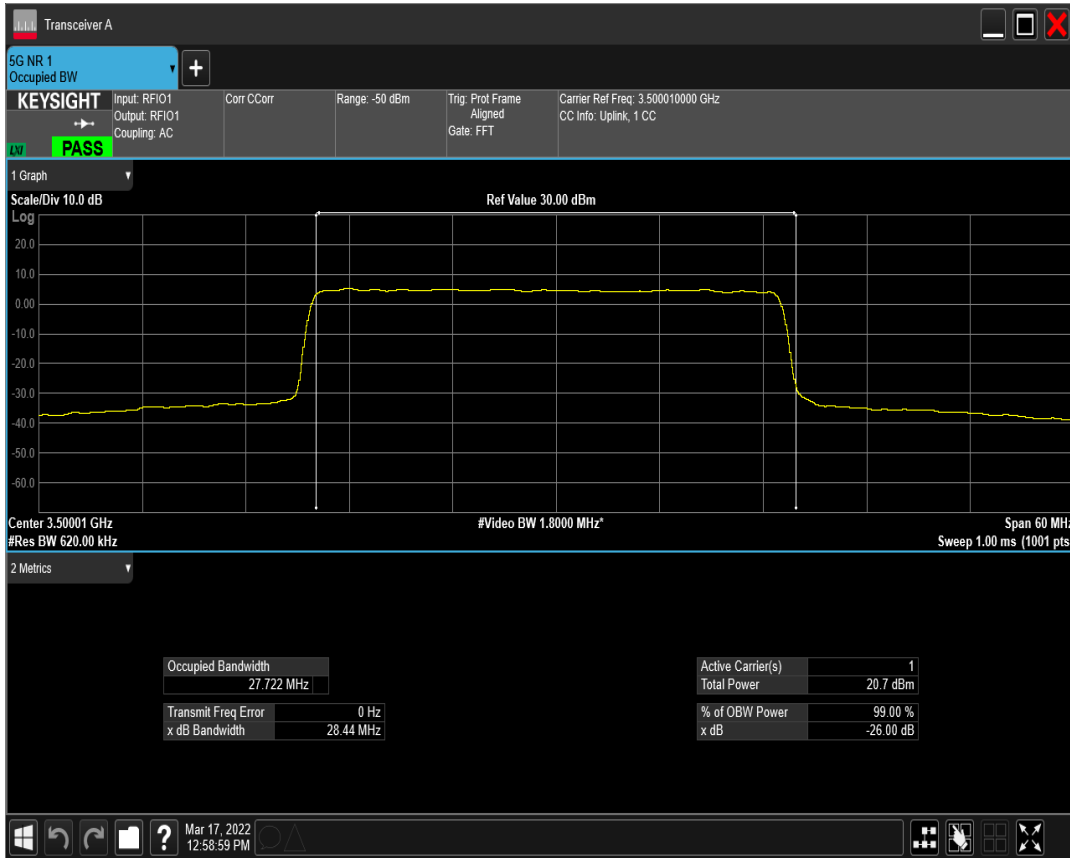
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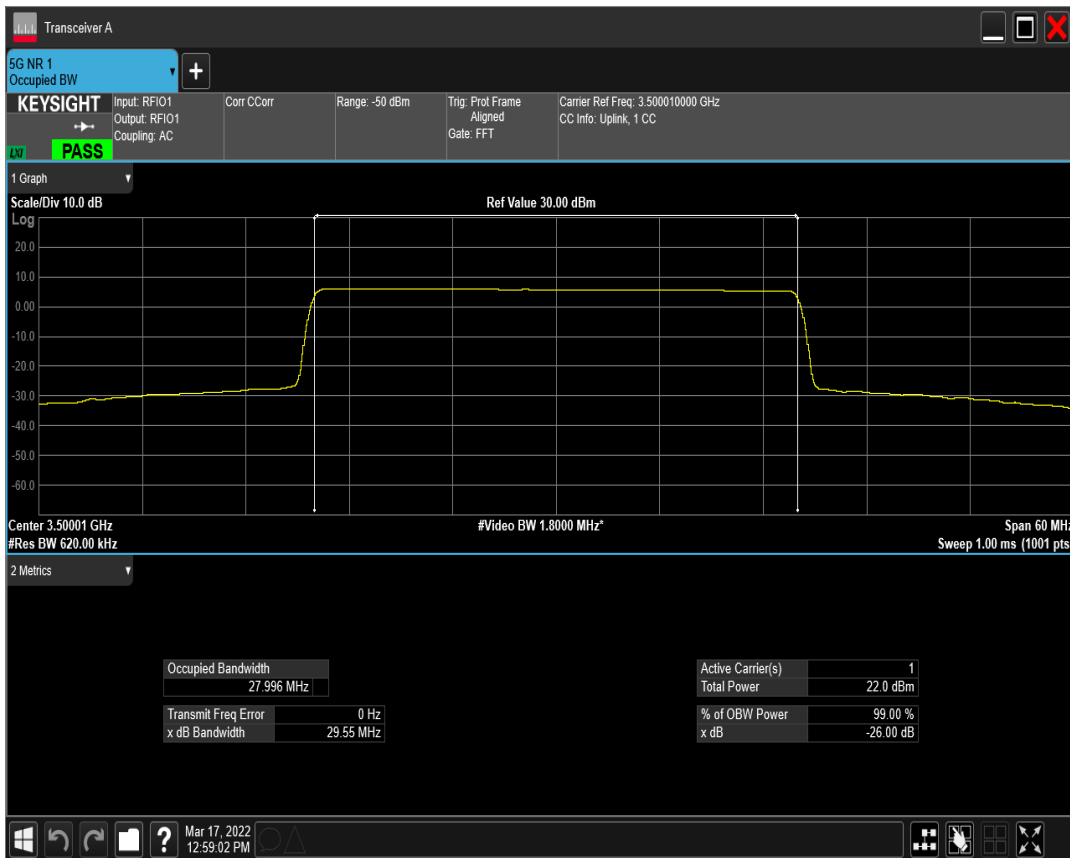
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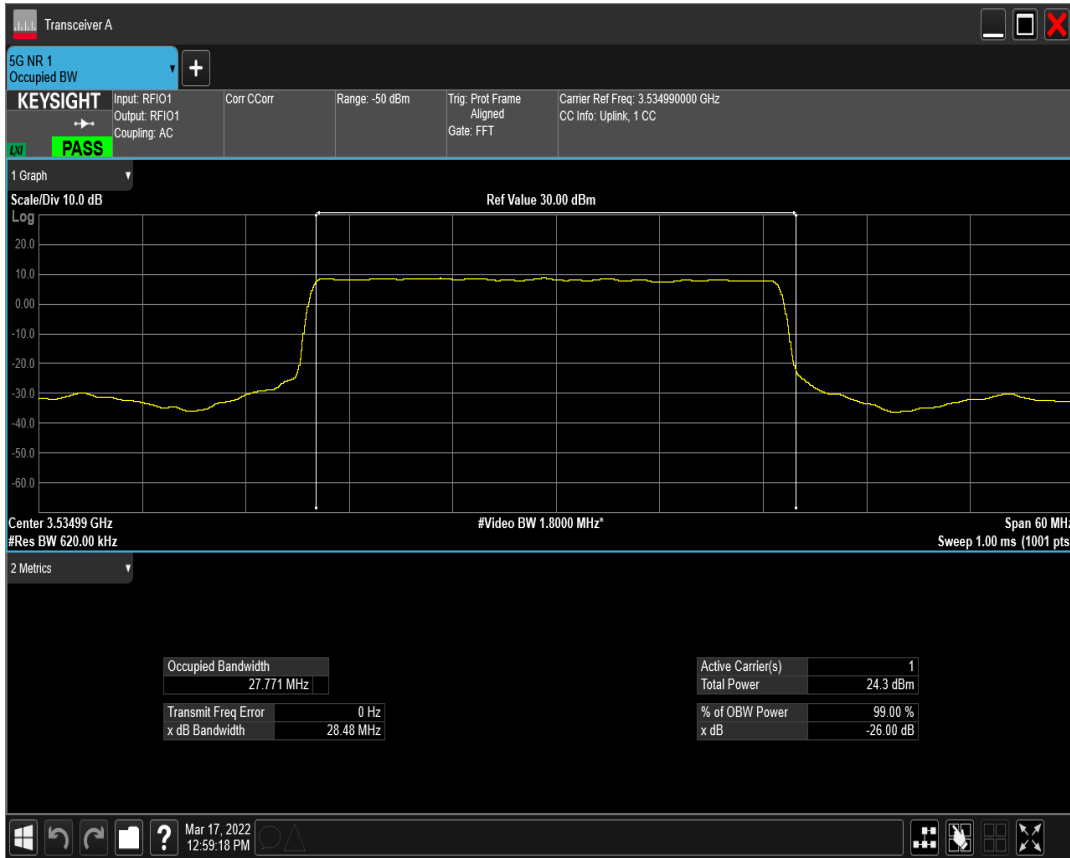
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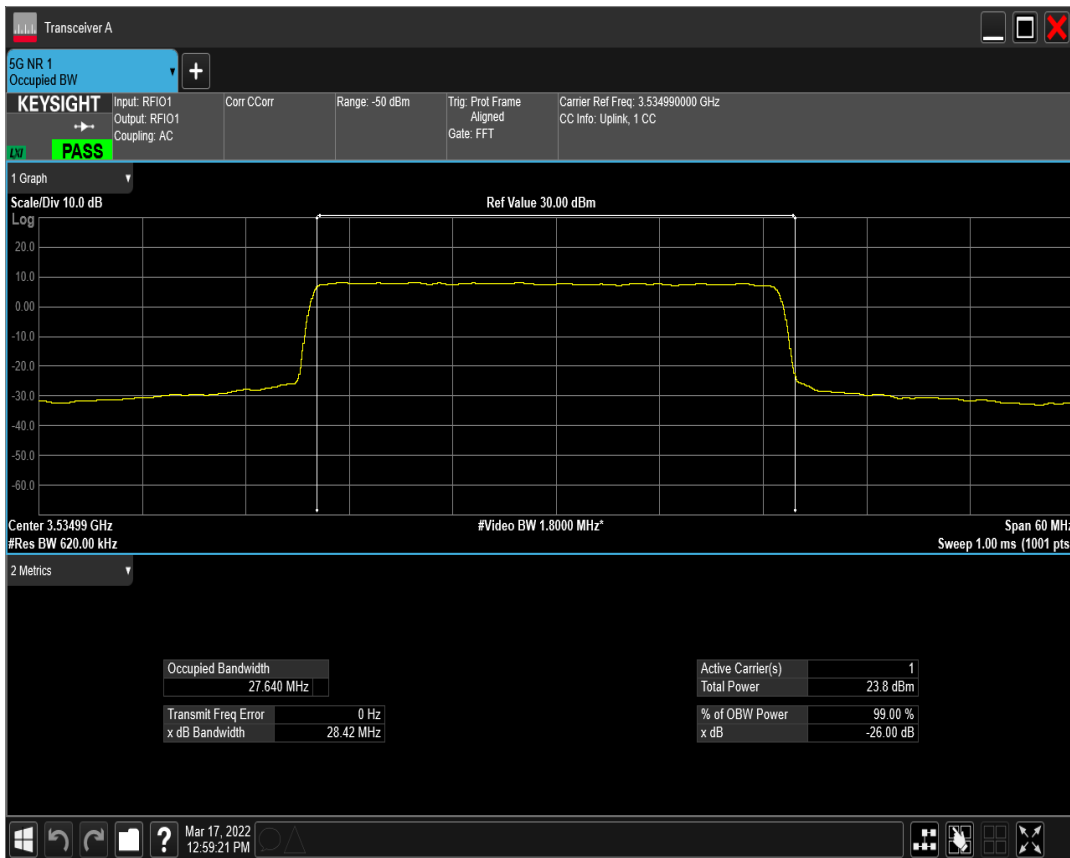
n77(3450-3550) SCS=30kHz CP\_QPSK BW=30MHz Channel=633334 RB=78@0



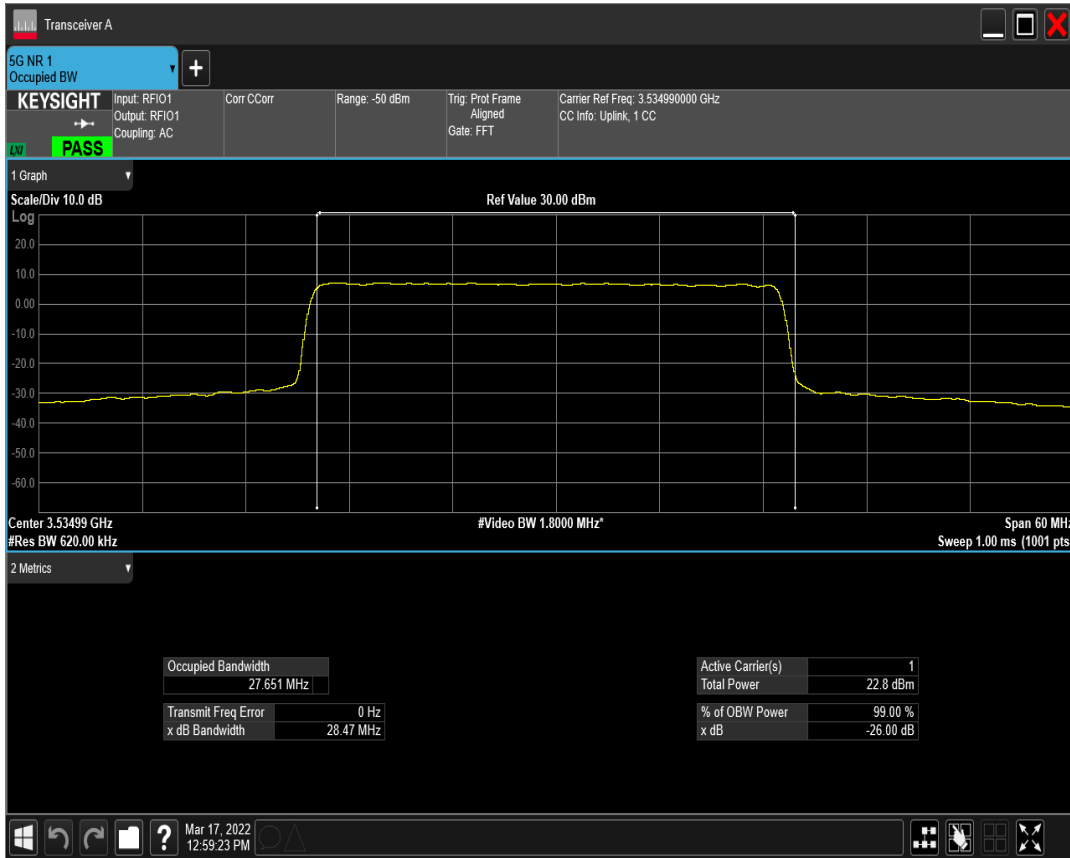
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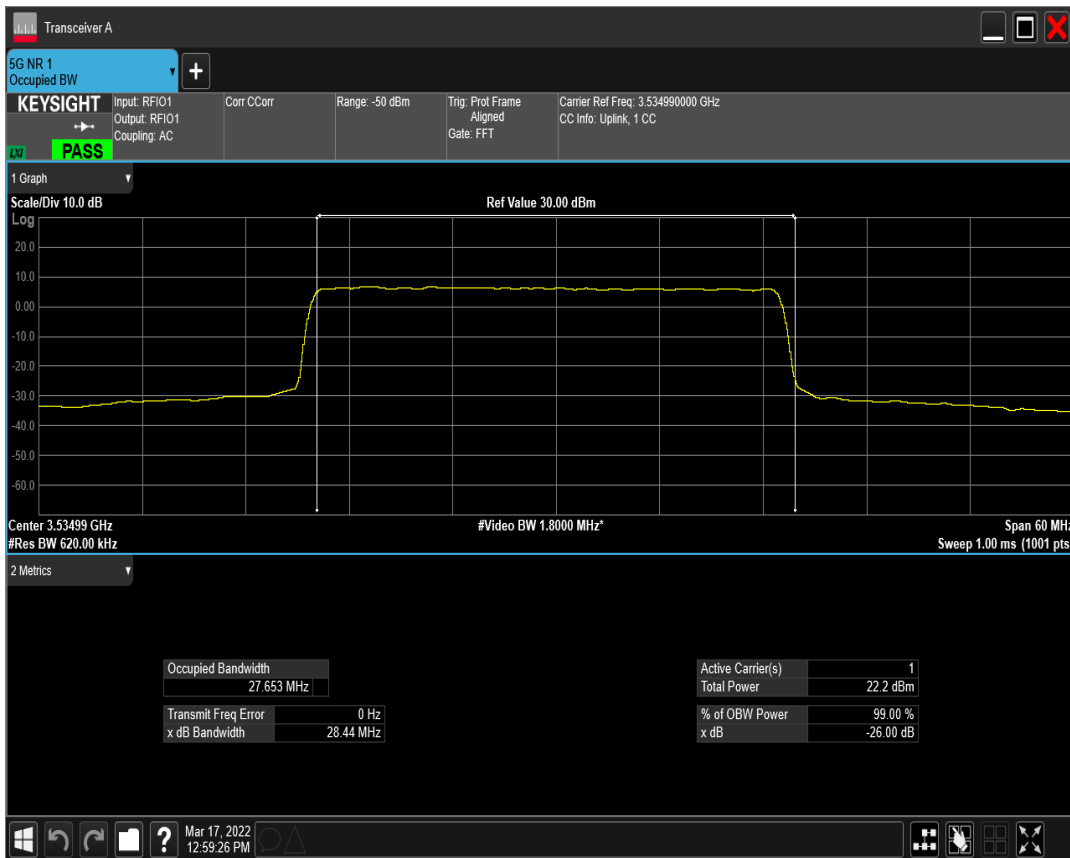
n77(3450-3550) SCS=30kHz DFT\_QPSK BW=30MHz Channel=635666 RB=75 @0



n77(3450-3550) SCS=30kHz DFT\_QAM16 BW=30MHz Channel=635666 RB=75 @0



n77(3450-3550) SCS=30kHz DFT\_QAM64 BW=30MHz Channel=635666 RB=75@0



n77(3450-3550) SCS=30kHz DFT\_QAM256 BW=30MHz Channel=635666 RB=75@0