

1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)	Limit (dBm)	Verdict
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	25.48	25.68	30	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	25.49	25.69	30	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	25.15	25.35	30	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	25.50	25.7	30	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	25.29	25.49	30	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	25.04	25.24	30	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM16	24.63	24.83	30	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM16	24.59	24.79	30	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM16	24.31	24.51	30	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM64	23.13	23.33	30	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM64	23.07	23.27	30	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM64	22.83	23.03	30	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM256	21.29	21.49	30	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM256	21.40	21.6	30	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM256	21.22	21.42	30	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	24.01	24.21	30	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	23.90	24.1	30	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	23.52	23.72	30	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM16	23.40	23.6	30	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM16	23.59	23.79	30	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM16	23.09	23.29	30	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM64	21.99	22.19	30	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM64	21.99	22.19	30	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM64	21.84	22.04	30	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM256	19.07	19.27	30	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM256	19.06	19.26	30	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM256	19.07	19.27	30	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	25.32	25.52	30	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	25.57	25.77	30	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	25.05	25.25	30	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	25.29	25.49	30	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	25.41	25.61	30	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	24.85	25.05	30	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM16	24.34	24.54	30	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM16	24.63	24.83	30	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM16	24.01	24.21	30	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM64	22.91	23.11	30	PASS

n77(3450-3550)	30	10	633334	1@1	DFT_QAM64	23.21	23.41	30	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM64	22.62	22.82	30	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM256	21.12	21.32	30	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM256	21.70	21.9	30	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM256	21.15	21.35	30	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	23.82	24.02	30	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	23.85	24.05	30	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	23.30	23.5	30	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM16	23.38	23.58	30	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM16	23.44	23.64	30	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM16	22.89	23.09	30	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM64	21.82	22.02	30	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM64	22.51	22.71	30	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM64	21.94	22.14	30	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM256	19.13	19.33	30	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM256	19.21	19.41	30	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM256	18.83	19.03	30	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	25.07	25.27	30	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	25.19	25.39	30	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	24.86	25.06	30	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	25.13	25.33	30	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	25.12	25.32	30	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	24.85	25.05	30	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM16	24.15	24.35	30	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM16	24.47	24.67	30	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM16	24.21	24.41	30	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM64	22.73	22.93	30	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM64	22.84	23.04	30	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM64	22.64	22.84	30	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM256	20.88	21.08	30	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM256	21.48	21.68	30	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM256	21.17	21.37	30	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	23.51	23.71	30	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	23.60	23.8	30	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	23.31	23.51	30	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM16	23.12	23.32	30	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM16	23.46	23.66	30	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM16	23.20	23.4	30	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM64	21.67	21.87	30	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM64	21.44	21.64	30	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM64	21.31	21.51	30	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM256	18.83	19.03	30	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM256	18.82	19.02	30	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM256	18.53	18.73	30	PASS

n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	25.42	25.62	30	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	25.37	25.57	30	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	24.87	25.07	30	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	25.40	25.6	30	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	25.27	25.47	30	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	24.91	25.11	30	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM16	24.50	24.7	30	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM16	24.63	24.83	30	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM16	24.15	24.35	30	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM64	23.09	23.29	30	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM64	22.95	23.15	30	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM64	22.47	22.67	30	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM256	21.14	21.34	30	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM256	21.42	21.62	30	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM256	20.88	21.08	30	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	23.85	24.05	30	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	23.71	23.91	30	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	23.27	23.47	30	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM16	23.53	23.73	30	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM16	23.65	23.85	30	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM16	22.86	23.06	30	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM64	21.92	22.12	30	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM64	22.33	22.53	30	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM64	21.83	22.03	30	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM256	19.12	19.32	30	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM256	19.37	19.57	30	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM256	18.68	18.88	30	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	25.39	25.59	30	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	25.70	25.9	30	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	24.90	25.1	30	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	25.34	25.54	30	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	25.52	25.72	30	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	24.66	24.86	30	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM16	24.27	24.47	30	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM16	24.88	25.08	30	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM16	23.95	24.15	30	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM64	23.00	23.2	30	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM64	23.32	23.52	30	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM64	22.45	22.65	30	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM256	21.15	21.35	30	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM256	21.88	22.08	30	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM256	21.00	21.2	30	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	23.70	23.9	30	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	24.12	24.32	30	PASS

n77(3450-3550)	30	15	633334	1@36	CP_QPSK	23.26	23.46	30	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM16	23.47	23.67	30	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM16	23.93	24.13	30	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM16	22.61	22.81	30	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM64	21.91	22.11	30	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM64	22.32	22.52	30	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM64	21.44	21.64	30	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM256	19.07	19.27	30	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM256	19.34	19.54	30	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM256	18.72	18.92	30	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	25.22	25.42	30	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	25.42	25.62	30	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	24.95	25.15	30	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	25.24	25.44	30	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	25.33	25.53	30	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	24.79	24.99	30	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM16	24.21	24.41	30	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM16	24.54	24.74	30	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM16	24.15	24.35	30	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM64	22.85	23.05	30	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM64	23.12	23.32	30	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM64	22.57	22.77	30	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM256	20.97	21.17	30	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM256	21.38	21.58	30	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM256	20.83	21.03	30	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	23.66	23.86	30	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	23.88	24.08	30	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	23.35	23.55	30	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM16	23.22	23.42	30	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM16	23.33	23.53	30	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM16	23.12	23.32	30	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM64	21.73	21.93	30	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM64	22.20	22.4	30	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM64	21.49	21.69	30	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM256	18.95	19.15	30	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM256	19.31	19.51	30	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM256	18.44	18.64	30	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	25.36	25.56	30	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	25.40	25.6	30	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	24.73	24.93	30	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	25.36	25.56	30	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	25.25	25.45	30	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	24.67	24.87	30	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM16	24.38	24.58	30	PASS

n77(3450-3550)	30	20	630668	1@1	DFT_QAM16	24.64	24.84	30	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM16	23.98	24.18	30	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM64	22.90	23.1	30	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM64	23.05	23.25	30	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM64	22.48	22.68	30	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM256	21.04	21.24	30	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM256	21.74	21.94	30	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM256	20.78	20.98	30	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	23.90	24.1	30	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	23.90	24.1	30	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	23.22	23.42	30	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM16	23.33	23.53	30	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM16	23.23	23.43	30	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM16	22.95	23.15	30	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM64	21.82	22.02	30	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM64	22.16	22.36	30	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM64	21.48	21.68	30	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM256	19.00	19.2	30	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM256	19.05	19.25	30	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM256	18.79	18.99	30	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	25.42	25.62	30	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	25.66	25.86	30	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	24.55	24.75	30	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	25.42	25.62	30	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	25.55	25.75	30	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	24.53	24.73	30	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM16	24.47	24.67	30	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM16	24.97	25.17	30	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM16	23.83	24.03	30	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM64	22.92	23.12	30	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM64	23.17	23.37	30	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM64	22.07	22.27	30	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM256	21.04	21.24	30	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM256	22.11	22.31	30	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM256	21.18	21.38	30	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	23.80	24	30	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	23.96	24.16	30	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	22.90	23.1	30	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM16	23.31	23.51	30	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM16	23.93	24.13	30	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM16	22.72	22.92	30	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM64	21.90	22.1	30	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM64	22.59	22.79	30	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM64	21.50	21.7	30	PASS

n77(3450-3550)	30	20	633334	25@12	CP_QAM256	19.00	19.2	30	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM256	19.47	19.67	30	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM256	18.29	18.49	30	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	25.39	25.59	30	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	25.44	25.64	30	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	24.83	25.03	30	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	25.41	25.61	30	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	25.32	25.52	30	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	24.74	24.94	30	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM16	24.49	24.69	30	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM16	24.81	25.01	30	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM16	24.14	24.34	30	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM64	22.93	23.13	30	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM64	22.91	23.11	30	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM64	22.30	22.5	30	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM256	21.06	21.26	30	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM256	22.07	22.27	30	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM256	21.41	21.61	30	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	23.85	24.05	30	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	23.74	23.94	30	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	23.18	23.38	30	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM16	23.36	23.56	30	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM16	23.65	23.85	30	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM16	23.13	23.33	30	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM64	21.91	22.11	30	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM64	22.33	22.53	30	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM64	21.74	21.94	30	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM256	19.01	19.21	30	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM256	19.28	19.48	30	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM256	18.55	18.75	30	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_BPSK	25.27	25.47	30	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_BPSK	25.29	25.49	30	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_BPSK	25.07	25.27	30	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QPSK	25.24	25.44	30	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QPSK	25.15	25.35	30	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QPSK	24.97	25.17	30	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM16	24.21	24.41	30	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM16	24.58	24.78	30	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM16	24.46	24.66	30	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM64	22.76	22.96	30	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM64	22.88	23.08	30	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM64	22.67	22.87	30	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM256	20.86	21.06	30	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM256	21.21	21.41	30	PASS

n77(3450-3550)	30	30	631000	1@76	DFT_QAM256	21.48	21.68	30	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QPSK	23.66	23.86	30	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QPSK	23.68	23.88	30	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QPSK	23.40	23.6	30	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM16	23.14	23.34	30	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM16	23.52	23.72	30	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM16	23.04	23.24	30	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM64	21.56	21.76	30	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM64	22.36	22.56	30	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM64	22.22	22.42	30	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM256	18.93	19.13	30	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM256	19.02	19.22	30	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM256	19.02	19.22	30	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_BPSK	25.52	25.72	30	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_BPSK	25.55	25.75	30	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_BPSK	24.60	24.8	30	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QPSK	25.61	25.81	30	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QPSK	25.80	26	30	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QPSK	24.78	24.98	30	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM16	24.52	24.72	30	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM16	24.45	24.65	30	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM16	23.51	23.71	30	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM64	23.01	23.21	30	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM64	23.22	23.42	30	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM64	22.30	22.5	30	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM256	21.15	21.35	30	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM256	21.85	22.05	30	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM256	20.83	21.03	30	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QPSK	24.01	24.21	30	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QPSK	24.18	24.38	30	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QPSK	23.13	23.33	30	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM16	23.38	23.58	30	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM16	24.03	24.23	30	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM16	22.98	23.18	30	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM64	21.93	22.13	30	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM64	22.41	22.61	30	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM64	21.52	21.72	30	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM256	19.20	19.4	30	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM256	19.22	19.42	30	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM256	18.19	18.39	30	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_BPSK	25.62	25.82	30	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_BPSK	25.06	25.26	30	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_BPSK	24.87	25.07	30	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QPSK	25.68	25.88	30	PASS

n77(3450-3550)	30	30	635666	1@1	DFT_QPSK	25.11	25.31	30	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QPSK	24.94	25.14	30	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM16	24.67	24.87	30	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM16	23.89	24.09	30	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM16	23.72	23.92	30	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM64	23.19	23.39	30	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM64	22.73	22.93	30	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM64	22.39	22.59	30	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM256	21.25	21.45	30	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM256	21.35	21.55	30	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM256	21.01	21.21	30	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QPSK	24.12	24.32	30	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QPSK	23.48	23.68	30	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QPSK	23.21	23.41	30	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM16	23.54	23.74	30	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM16	23.48	23.68	30	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM16	23.31	23.51	30	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM64	22.12	22.32	30	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM64	21.86	22.06	30	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM64	21.60	21.8	30	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM256	19.32	19.52	30	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM256	18.61	18.81	30	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM256	18.35	18.55	30	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	25.17	25.37	30	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	25.05	25.25	30	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	25.43	25.63	30	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	25.20	25.4	30	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	24.88	25.08	30	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	25.28	25.48	30	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM16	24.15	24.35	30	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM16	24.18	24.38	30	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM16	24.51	24.71	30	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM64	22.78	22.98	30	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM64	22.88	23.08	30	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM64	23.31	23.51	30	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM256	20.92	21.12	30	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM256	21.11	21.31	30	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM256	21.37	21.57	30	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	23.74	23.94	30	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	23.57	23.77	30	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	23.92	24.12	30	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM16	23.16	23.36	30	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM16	22.96	23.16	30	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM16	23.72	23.92	30	PASS

n77(3450-3550)	30	40	631334	53@26	CP_QAM64	21.73	21.93	30	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM64	22.17	22.37	30	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM64	22.32	22.52	30	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM256	18.90	19.1	30	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM256	19.01	19.21	30	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM256	19.03	19.23	30	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	25.50	25.7	30	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	25.18	25.38	30	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	24.65	24.85	30	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	25.52	25.72	30	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	25.08	25.28	30	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	24.67	24.87	30	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM16	24.51	24.71	30	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM16	23.97	24.17	30	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM16	23.91	24.11	30	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM64	22.93	23.13	30	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM64	22.87	23.07	30	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM64	22.40	22.6	30	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM256	21.25	21.45	30	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM256	21.45	21.65	30	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM256	20.53	20.73	30	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	24.03	24.23	30	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	23.57	23.77	30	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	23.09	23.29	30	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM16	23.42	23.62	30	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM16	23.54	23.74	30	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM16	23.16	23.36	30	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM64	21.98	22.18	30	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM64	22.27	22.47	30	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM64	21.90	22.1	30	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM256	19.15	19.35	30	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM256	18.84	19.04	30	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM256	18.35	18.55	30	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	25.61	25.81	30	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	24.22	24.42	30	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	24.56	24.76	30	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	25.54	25.74	30	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	24.22	24.42	30	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	24.56	24.76	30	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM16	24.56	24.76	30	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM16	23.66	23.86	30	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM16	23.93	24.13	30	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM64	23.06	23.26	30	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM64	22.31	22.51	30	PASS

n77(3450-3550)	30	40	635332	1@104	DFT_QAM64	22.57	22.77	30	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM256	21.23	21.43	30	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM256	20.65	20.85	30	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM256	20.90	21.1	30	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	24.12	24.32	30	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	22.79	22.99	30	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	23.11	23.31	30	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM16	23.54	23.74	30	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM16	22.53	22.73	30	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM16	22.85	23.05	30	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM64	22.12	22.32	30	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM64	20.84	21.04	30	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM64	21.10	21.3	30	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM256	19.21	19.41	30	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM256	17.97	18.17	30	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM256	18.23	18.43	30	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	25.35	25.55	30	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	25.31	25.51	30	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	25.33	25.53	30	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	25.39	25.59	30	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	25.48	25.68	30	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	25.30	25.5	30	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM16	24.44	24.64	30	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM16	24.64	24.84	30	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM16	24.56	24.76	30	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM64	22.95	23.15	30	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM64	23.08	23.28	30	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM64	22.94	23.14	30	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM256	21.11	21.31	30	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM256	21.33	21.53	30	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM256	21.23	21.43	30	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	23.95	24.15	30	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	23.73	23.93	30	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	23.58	23.78	30	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM16	23.42	23.62	30	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM16	23.29	23.49	30	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM16	23.16	23.36	30	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM64	21.92	22.12	30	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM64	22.23	22.43	30	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM64	22.38	22.58	30	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM256	19.10	19.3	30	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM256	19.05	19.25	30	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM256	19.14	19.34	30	PASS

n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	25.50	25.7	30	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	25.04	25.24	30	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	25.13	25.33	30	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	25.52	25.72	30	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	24.95	25.15	30	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	25.04	25.24	30	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM16	24.55	24.75	30	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM16	24.26	24.46	30	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM16	24.51	24.71	30	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM64	23.08	23.28	30	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM64	22.94	23.14	30	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM64	22.92	23.12	30	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM256	21.20	21.4	30	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM256	21.25	21.45	30	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM256	21.33	21.53	30	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	23.97	24.17	30	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	23.54	23.74	30	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	23.64	23.84	30	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM16	23.59	23.79	30	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM16	23.37	23.57	30	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM16	23.47	23.67	30	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM64	21.89	22.09	30	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM64	21.90	22.1	30	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM64	21.95	22.15	30	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM256	19.11	19.31	30	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM256	19.01	19.21	30	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM256	18.82	19.02	30	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	25.42	25.62	30	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	25.04	25.24	30	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	24.82	25.02	30	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	25.45	25.65	30	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	24.90	25.1	30	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	24.80	25	30	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM16	24.53	24.73	30	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM16	24.38	24.58	30	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM16	24.23	24.43	30	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM64	23.01	23.21	30	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM64	22.98	23.18	30	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM64	22.51	22.71	30	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM256	21.13	21.33	30	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM256	20.92	21.12	30	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM256	21.00	21.2	30	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	23.95	24.15	30	PASS

n77(3450-3550)	30	50	635000	1@1	CP_QPSK	23.46	23.66	30	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	23.38	23.58	30	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM16	23.52	23.72	30	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM16	22.89	23.09	30	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM16	22.73	22.93	30	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM64	21.95	22.15	30	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM64	21.94	22.14	30	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM64	21.67	21.87	30	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM256	19.15	19.35	30	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM256	19.03	19.23	30	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM256	18.41	18.61	30	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	25.52	25.72	30	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	25.32	25.52	30	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	24.39	24.59	30	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	25.59	25.79	30	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	25.10	25.3	30	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	24.29	24.49	30	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM16	24.59	24.79	30	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM16	24.29	24.49	30	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM16	23.57	23.77	30	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM64	23.01	23.21	30	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM64	22.92	23.12	30	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM64	22.15	22.35	30	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM256	21.27	21.47	30	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM256	21.49	21.69	30	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM256	20.67	20.87	30	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	24.16	24.36	30	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	23.62	23.82	30	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	22.96	23.16	30	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM16	23.52	23.72	30	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM16	23.33	23.53	30	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM16	22.63	22.83	30	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM64	22.02	22.22	30	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM64	22.01	22.21	30	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM64	21.28	21.48	30	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM256	19.19	19.39	30	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM256	18.86	19.06	30	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM256	18.15	18.35	30	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	25.47	25.67	30	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	24.74	24.94	30	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	25.32	25.52	30	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	25.43	25.63	30	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	24.91	25.11	30	PASS

n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	25.36	25.56	30	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM16	24.53	24.73	30	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM16	23.67	23.87	30	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM16	24.17	24.37	30	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM64	22.99	23.19	30	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM64	22.37	22.57	30	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM64	22.89	23.09	30	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM256	21.13	21.33	30	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM256	21.02	21.22	30	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM256	21.64	21.84	30	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	23.93	24.13	30	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	23.26	23.46	30	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	23.80	24	30	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM16	23.39	23.59	30	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM16	23.08	23.28	30	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM16	23.88	24.08	30	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM64	21.93	22.13	30	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM64	21.49	21.69	30	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM64	22.22	22.42	30	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM256	19.17	19.37	30	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM256	18.41	18.61	30	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM256	18.90	19.1	30	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	25.31	25.51	30	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	25.51	25.71	30	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	24.72	24.92	30	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	25.30	25.5	30	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	25.42	25.62	30	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	24.60	24.8	30	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM16	24.30	24.5	30	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM16	24.66	24.86	30	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM16	23.84	24.04	30	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM64	22.76	22.96	30	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM64	23.22	23.42	30	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM64	22.48	22.68	30	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM256	20.91	21.11	30	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM256	21.70	21.9	30	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM256	20.63	20.83	30	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	23.79	23.99	30	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	23.99	24.19	30	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	23.21	23.41	30	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM16	23.26	23.46	30	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM16	23.71	23.91	30	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM16	22.63	22.83	30	PASS

n77(3450-3550)	30	60	634666	81@40	CP_QAM64	21.78	21.98	30	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM64	22.44	22.64	30	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM64	21.61	21.81	30	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM256	18.95	19.15	30	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM256	19.43	19.63	30	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM256	18.55	18.75	30	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	25.55	25.75	30	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	24.97	25.17	30	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	25.07	25.27	30	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	25.54	25.74	30	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	25.34	25.54	30	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	25.16	25.36	30	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM16	24.57	24.77	30	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM16	23.87	24.07	30	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM16	23.83	24.03	30	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM64	23.16	23.36	30	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM64	22.53	22.73	30	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM64	22.54	22.74	30	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM256	21.28	21.48	30	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM256	21.40	21.6	30	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM256	21.36	21.56	30	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	23.87	24.07	30	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	23.32	23.52	30	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	23.35	23.55	30	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM16	23.40	23.6	30	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM16	23.39	23.59	30	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM16	23.49	23.69	30	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM64	21.95	22.15	30	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM64	21.68	21.88	30	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM64	21.76	21.96	30	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM256	19.21	19.41	30	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM256	18.66	18.86	30	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM256	18.59	18.79	30	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	25.45	25.65	30	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	24.60	24.8	30	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	24.85	25.05	30	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	25.41	25.61	30	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	24.57	24.77	30	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	24.74	24.94	30	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM16	24.47	24.67	30	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM16	23.92	24.12	30	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM16	24.17	24.37	30	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM64	23.12	23.32	30	PASS

n77(3450-3550)	30	80	633334	1@1	DFT_QAM64	22.42	22.62	30	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM64	22.59	22.79	30	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM256	21.21	21.41	30	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM256	21.11	21.31	30	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM256	21.38	21.58	30	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	23.81	24.01	30	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	22.91	23.11	30	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	23.15	23.35	30	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM16	23.40	23.6	30	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM16	22.88	23.08	30	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM16	23.12	23.32	30	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM64	21.88	22.08	30	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM64	21.41	21.61	30	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM64	21.68	21.88	30	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM256	19.09	19.29	30	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM256	18.43	18.63	30	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM256	18.65	18.85	30	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	25.32	25.52	30	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	24.37	24.57	30	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	24.43	24.63	30	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	25.31	25.51	30	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	24.37	24.57	30	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	24.39	24.59	30	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM16	24.39	24.59	30	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM16	23.71	23.91	30	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM16	23.80	24	30	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM64	22.87	23.07	30	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM64	22.02	22.22	30	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM64	22.05	22.25	30	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM256	21.02	21.22	30	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM256	20.50	20.7	30	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM256	20.49	20.69	30	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	23.72	23.92	30	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	22.88	23.08	30	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QPSK	22.78	22.98	30	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM16	23.28	23.48	30	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM16	22.23	22.43	30	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM16	22.67	22.87	30	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM64	21.80	22	30	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM64	21.22	21.42	30	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM64	21.29	21.49	30	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM256	19.01	19.21	30	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM256	18.24	18.44	30	PASS

n77(3450-3550)	30	80	634000	1@215	CP_QAM256	18.37	18.57	30	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	25.35	25.55	30	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	24.76	24.96	30	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	24.71	24.91	30	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	25.40	25.6	30	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	24.81	25.01	30	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	24.57	24.77	30	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM16	24.49	24.69	30	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM16	24.16	24.36	30	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM16	24.00	24.2	30	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM64	22.97	23.17	30	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM64	22.32	22.52	30	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM64	22.15	22.35	30	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM256	21.08	21.28	30	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM256	21.42	21.62	30	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM256	21.21	21.41	30	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	23.89	24.09	30	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	23.12	23.32	30	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	22.99	23.19	30	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM16	23.37	23.57	30	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM16	23.07	23.27	30	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM16	22.93	23.13	30	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM64	21.80	22	30	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM64	21.76	21.96	30	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM64	21.71	21.91	30	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM256	19.06	19.26	30	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM256	18.67	18.87	30	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM256	18.51	18.71	30	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	25.43	25.63	30	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	24.62	24.82	30	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	24.47	24.67	30	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	25.47	25.67	30	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	24.58	24.78	30	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	24.43	24.63	30	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM16	24.47	24.67	30	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM16	23.97	24.17	30	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM16	23.85	24.05	30	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM64	22.87	23.07	30	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM64	22.51	22.71	30	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM64	22.32	22.52	30	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM256	21.06	21.26	30	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM256	21.03	21.23	30	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM256	20.79	20.99	30	PASS

n77(3450-3550)	30	90	633334	123@61	CP_QPSK	23.79	23.99	30	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	23.13	23.33	30	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	22.84	23.04	30	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM16	23.34	23.54	30	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM16	22.90	23.1	30	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM16	22.80	23	30	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM64	21.82	22.02	30	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM64	21.14	21.34	30	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM64	20.81	21.01	30	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM256	19.05	19.25	30	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM256	18.44	18.64	30	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM256	18.15	18.35	30	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	25.34	25.54	30	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	24.49	24.69	30	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	24.26	24.46	30	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	25.33	25.53	30	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	24.38	24.58	30	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	24.30	24.5	30	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM16	24.34	24.54	30	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM16	23.85	24.05	30	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM16	23.63	23.83	30	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM64	22.86	23.06	30	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM64	22.31	22.51	30	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM64	22.17	22.37	30	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM256	21.09	21.29	30	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM256	20.80	21	30	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM256	20.63	20.83	30	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	23.86	24.06	30	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	22.88	23.08	30	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	22.79	22.99	30	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM16	23.31	23.51	30	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM16	22.77	22.97	30	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM16	22.61	22.81	30	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM64	21.86	22.06	30	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM64	20.81	21.01	30	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM64	20.79	20.99	30	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM256	19.03	19.23	30	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM256	18.22	18.42	30	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM256	18.02	18.22	30	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	25.35	25.55	30	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	24.60	24.8	30	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	24.12	24.32	30	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	25.29	25.49	30	PASS

n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	24.51	24.71	30	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	24.10	24.3	30	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM16	24.32	24.52	30	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM16	24.01	24.21	30	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM16	23.43	23.63	30	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM64	22.87	23.07	30	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM64	22.47	22.67	30	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM64	21.96	22.16	30	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM256	21.07	21.27	30	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM256	21.06	21.26	30	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM256	20.41	20.61	30	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	23.98	24.18	30	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	23.05	23.25	30	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	22.56	22.76	30	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM16	23.38	23.58	30	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM16	22.89	23.09	30	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM16	22.39	22.59	30	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM64	21.84	22.04	30	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM64	21.08	21.28	30	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM64	20.46	20.66	30	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM256	19.07	19.27	30	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM256	18.37	18.57	30	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM256	17.80	18	30	PASS

2 Frequency stability for NR FR1

NT:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result (Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	3.85	-14.74	0.00	Within authorized band for 5G NR n77	PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	3.45	-9.87	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	4.40	-23.50	-0.01		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	3.85	-11.06	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	3.45	-21.48	-0.01		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	4.40	-19.73	-0.01		PASS

Note: Only the worst case shown in the report.

NV:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(°C)	Result (Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	-30	-3.49	0.00	Within authorized band for 5G NR n77	PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	-20	-7.29	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	-10	-4.43	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	0	-1.80	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	10	-5.18	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	20	-1.94	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	30	-3.63	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	40	-3.41	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_BPSK	50	-4.48	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	-30	-0.60	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	-20	-4.28	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	-10	-6.81	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	0	-4.48	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	10	-3.27	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	20	-4.55	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	30	-3.49	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	40	-7.29	0.00		PASS
n77(3450-3550)	15	50	633334	135@67	DFT_QPSK	50	-4.43	0.00		PASS

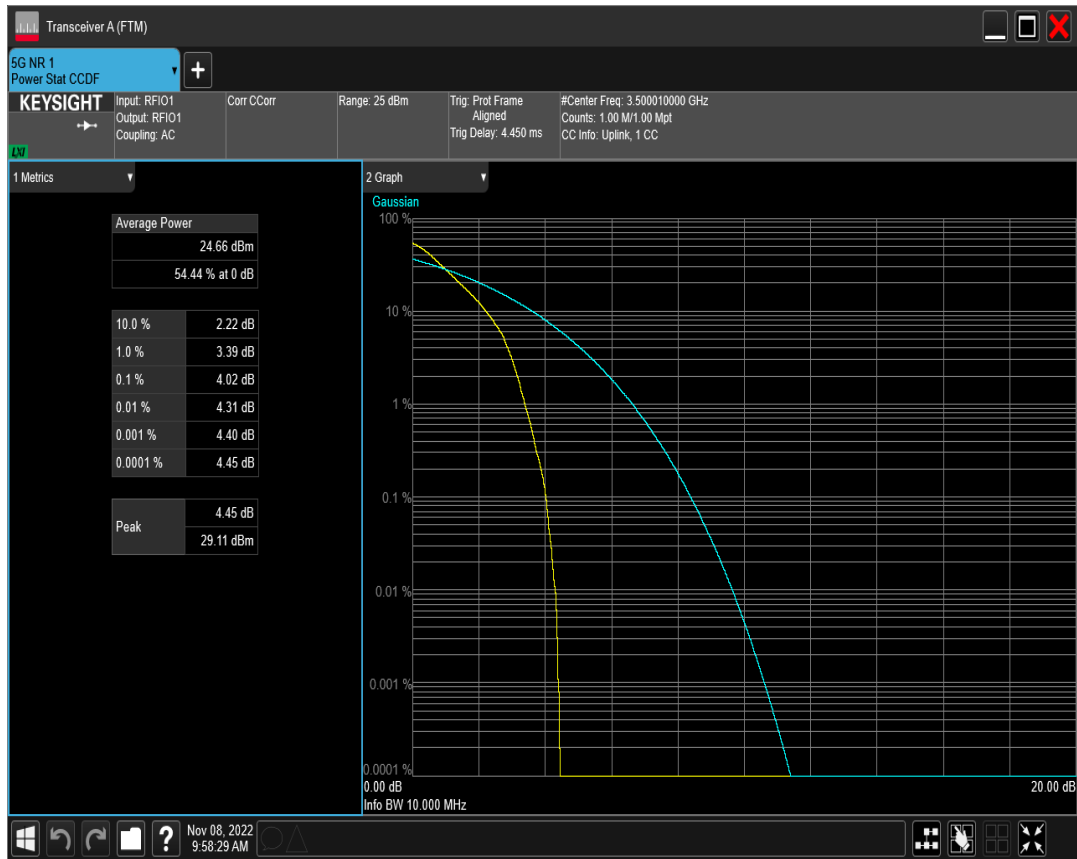
Note: Only the worst case shown in the report.

3 Peak-to-Average Ratio for NR FR1

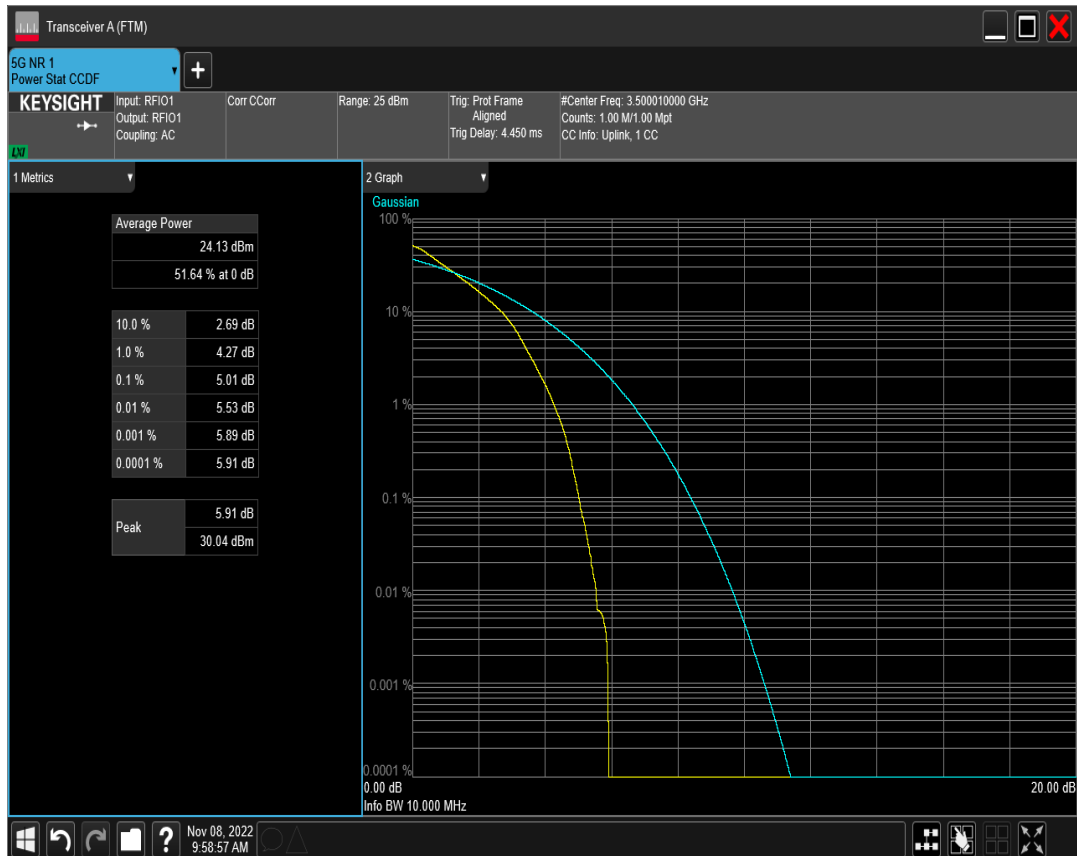
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	4.02	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	5.01	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	5.84	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	6.00	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	6.88	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	4.18	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	5.20	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	5.96	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	6.05	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	6.64	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	4.28	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	5.22	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	6.07	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	6.16	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	6.80	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	4.24	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	5.11	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	5.84	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	6.15	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	6.71	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	4.33	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	5.25	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	6.07	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	6.33	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	6.87	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	4.85	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	5.42	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	6.16	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	6.38	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	6.83	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	4.31	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	5.23	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	6.03	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	6.39	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	6.88	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	4.90	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	5.40	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	6.21	13	PASS

n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	6.40	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	6.78	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	4.66	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	5.53	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	6.30	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	6.44	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	6.90	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	5.02	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	5.56	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	6.33	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	6.50	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	6.89	13	PASS

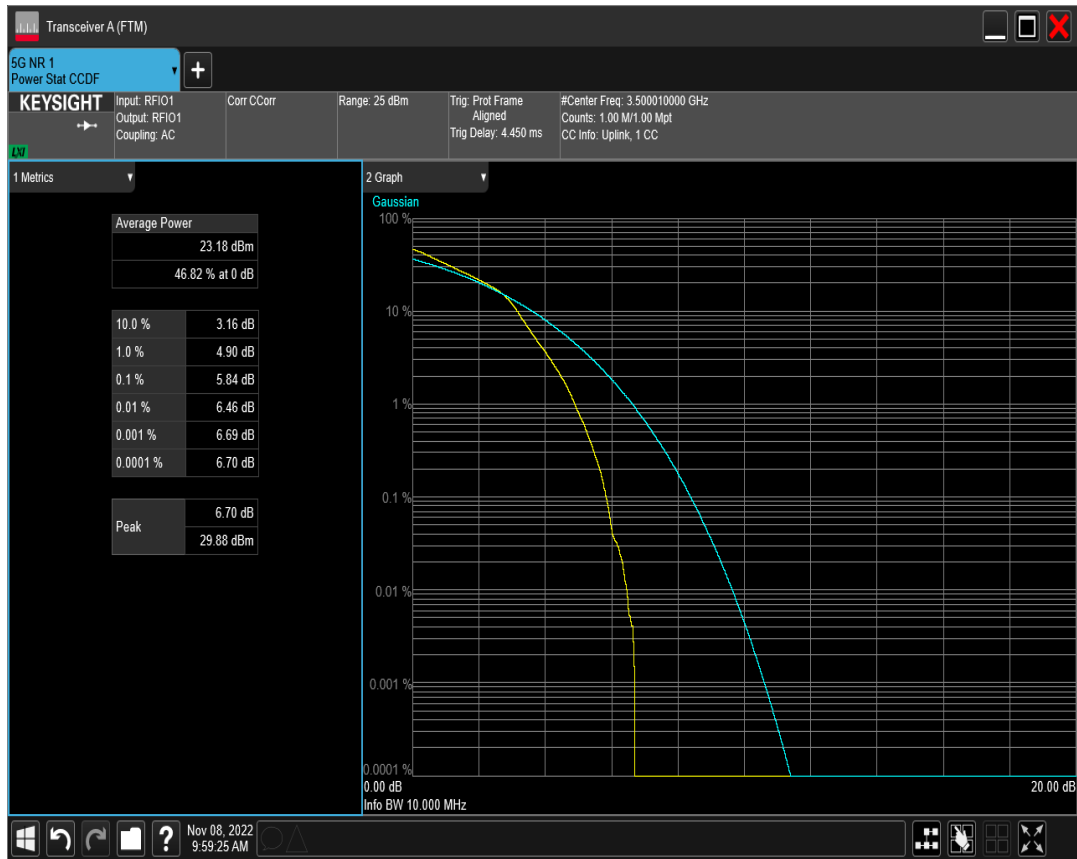
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



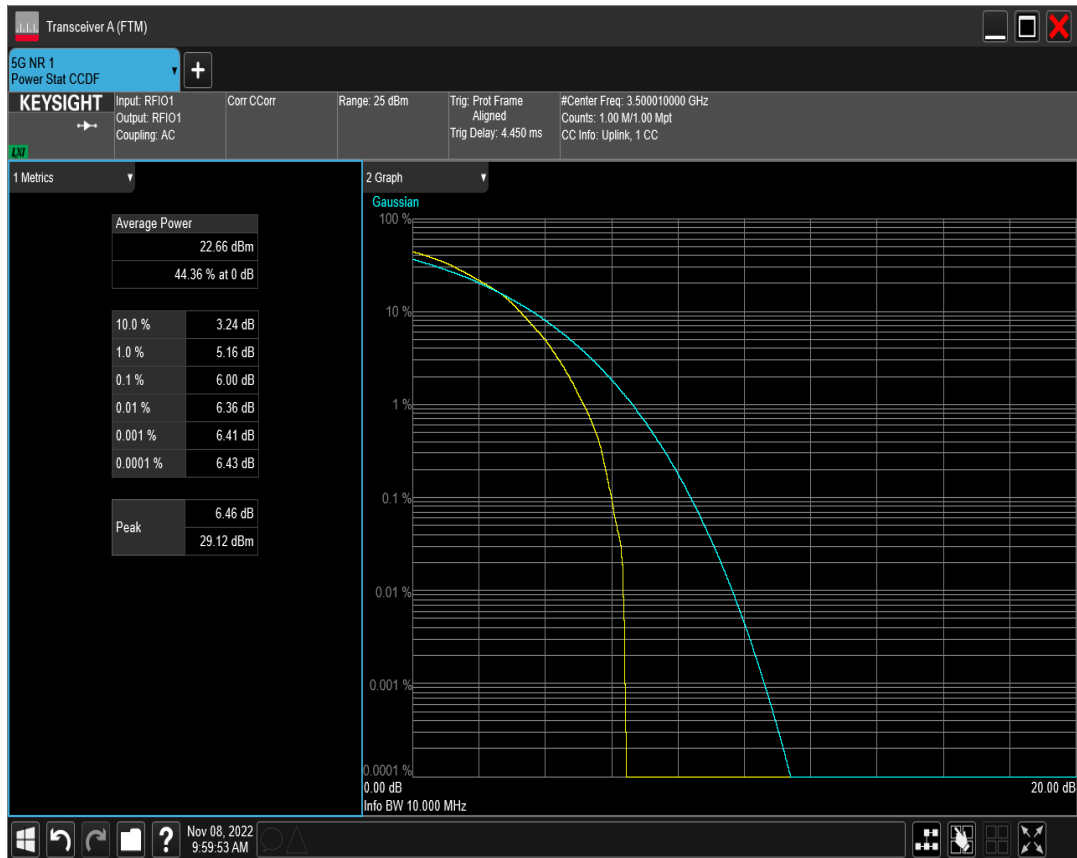
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



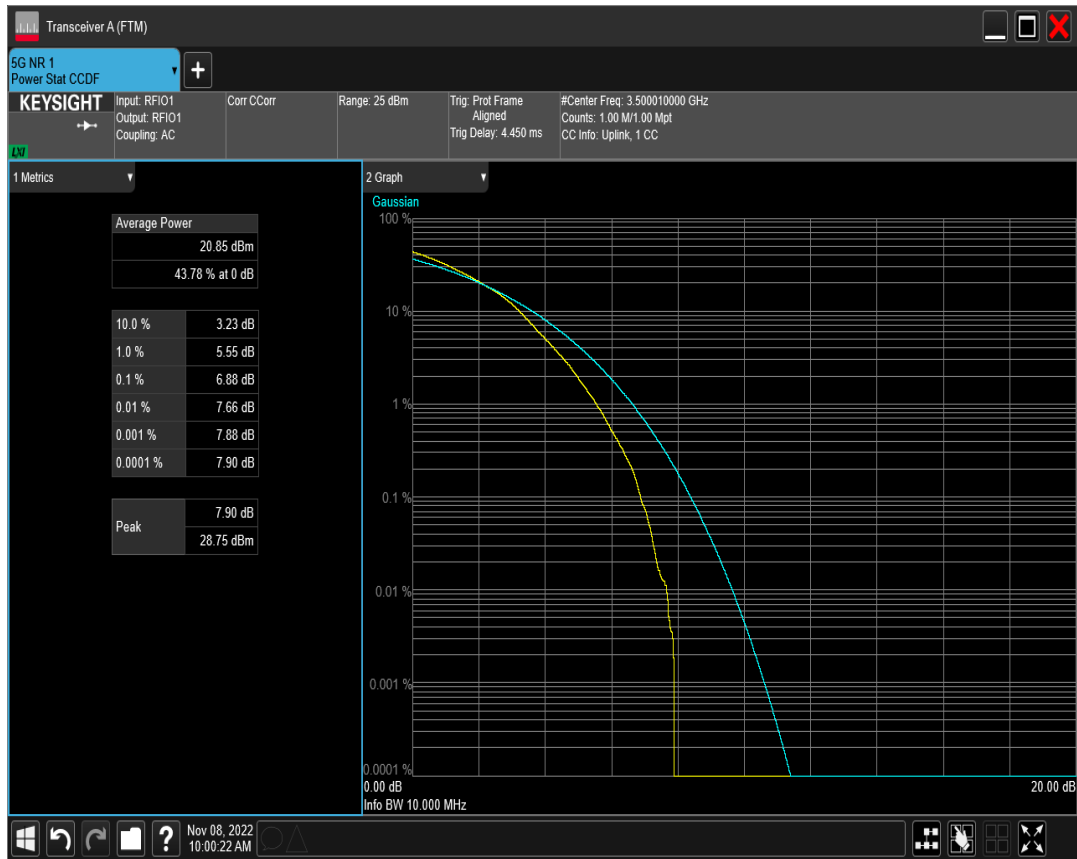
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=633334 RB=24@0



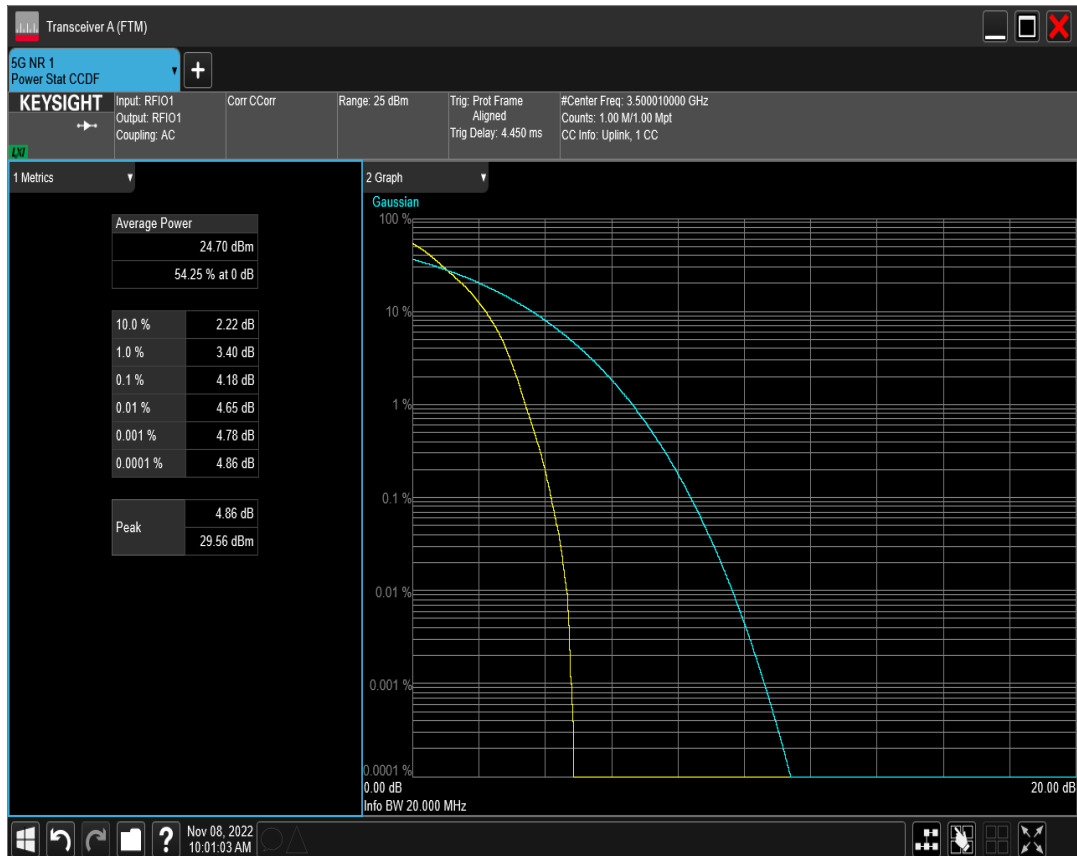
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=633334 RB=24@0



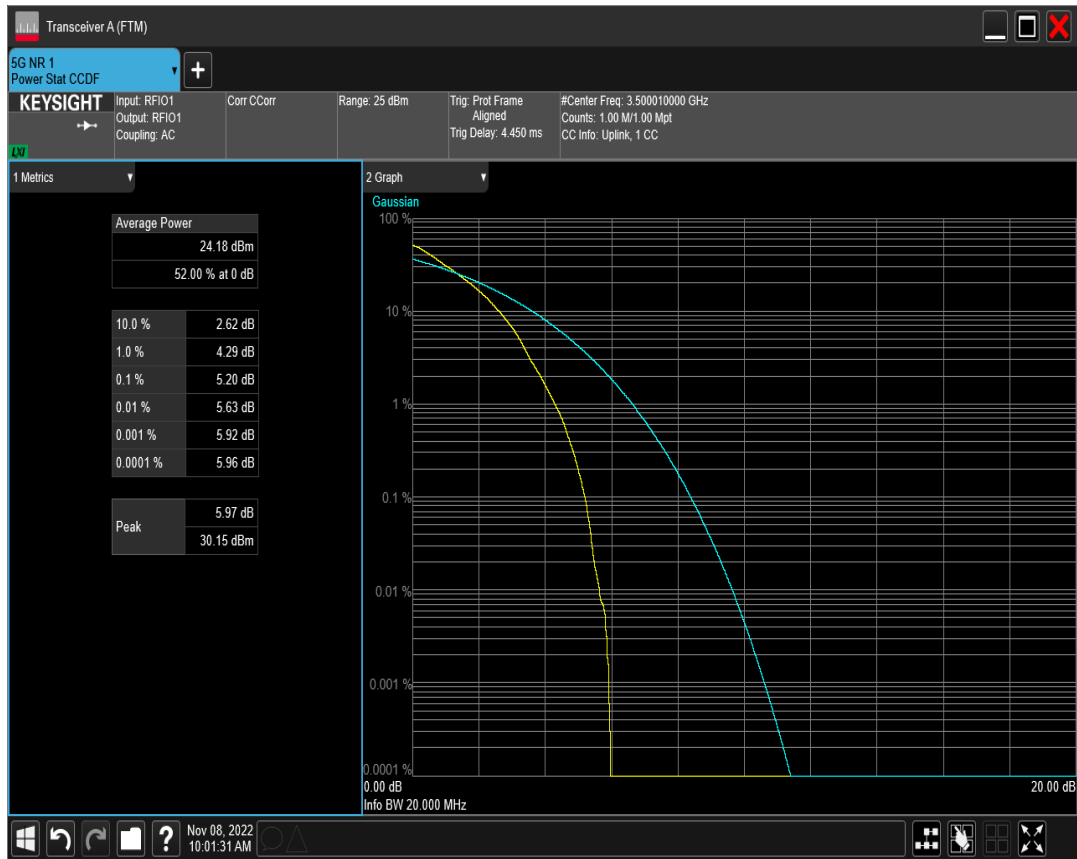
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=633334 RB=24@0



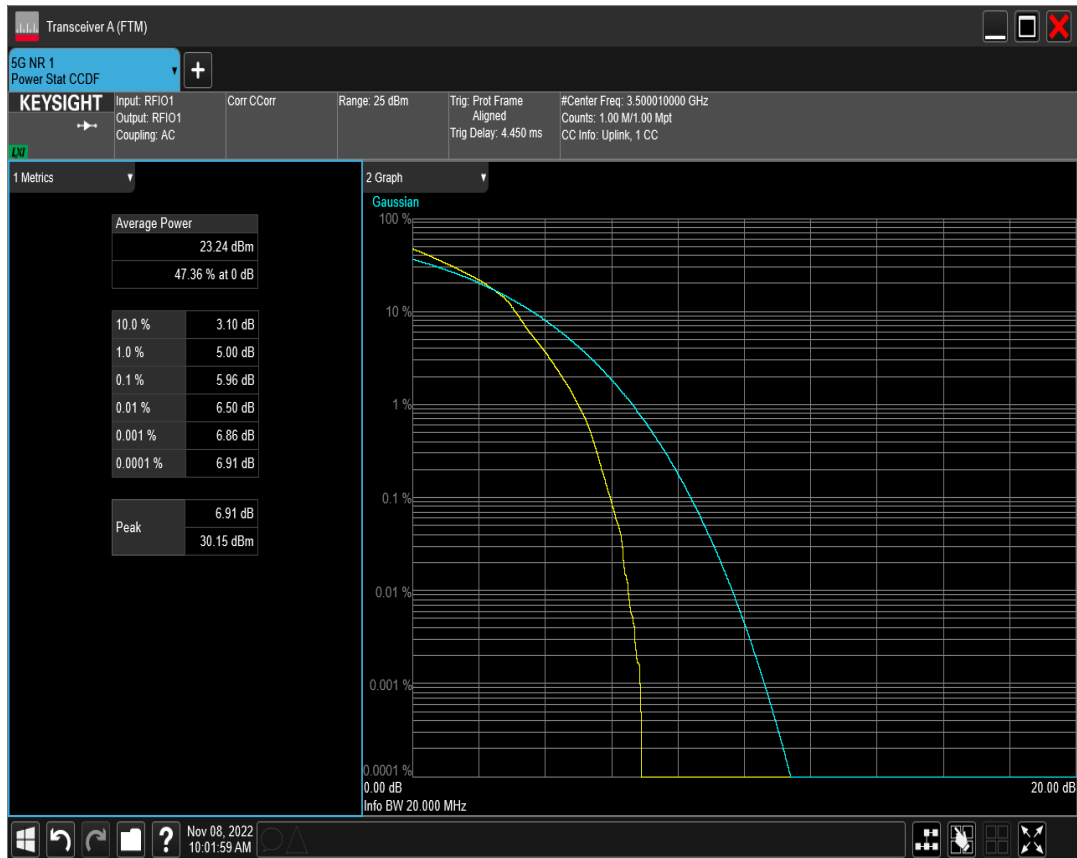
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



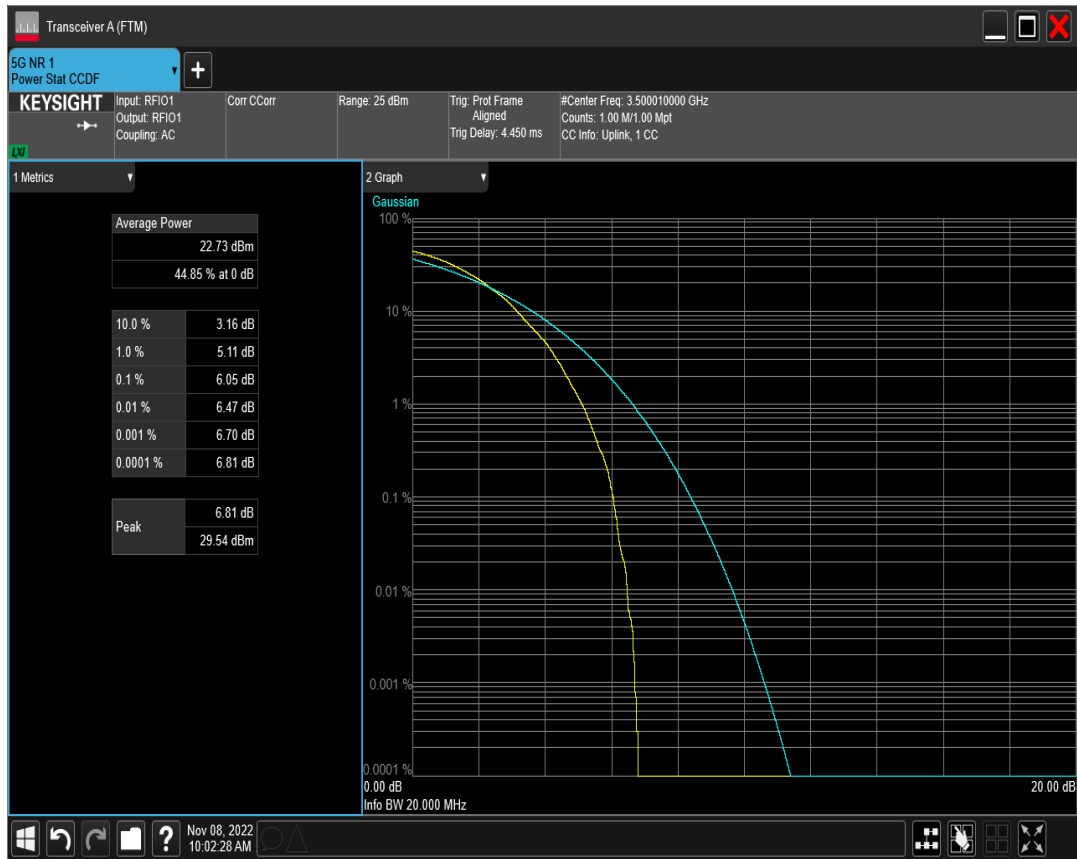
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36@0



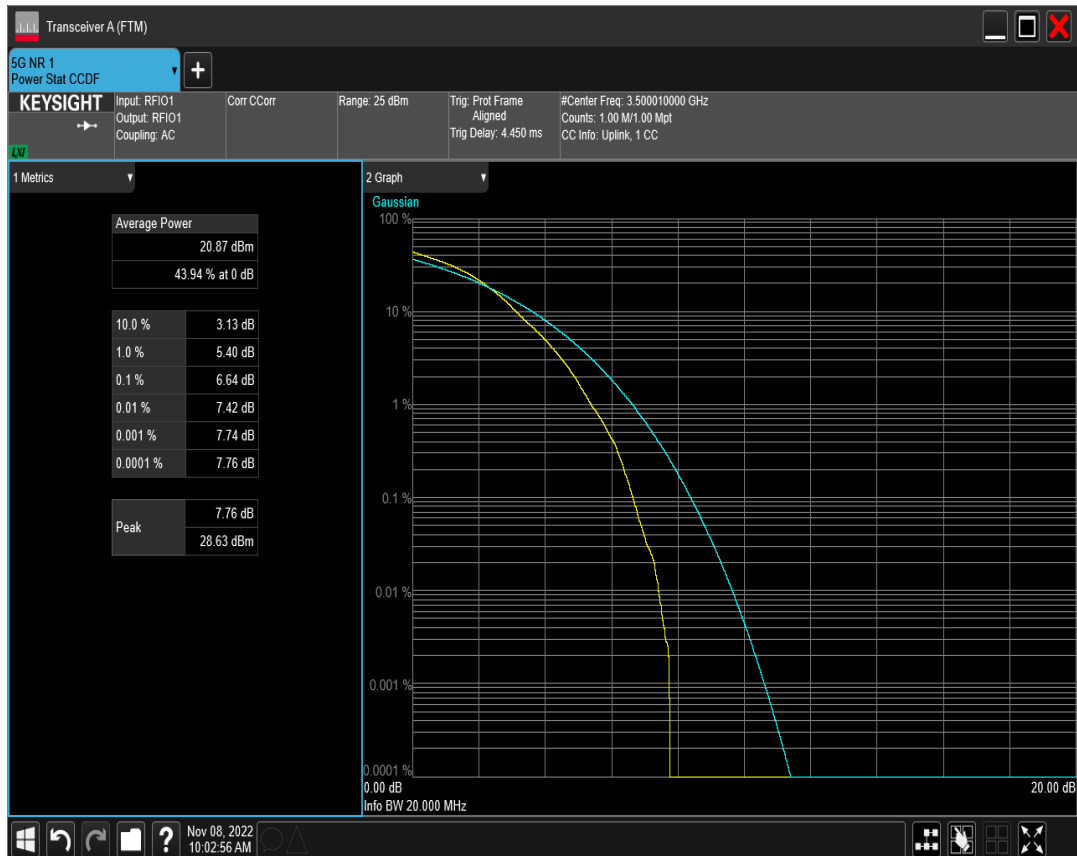
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=633334 RB=36@0



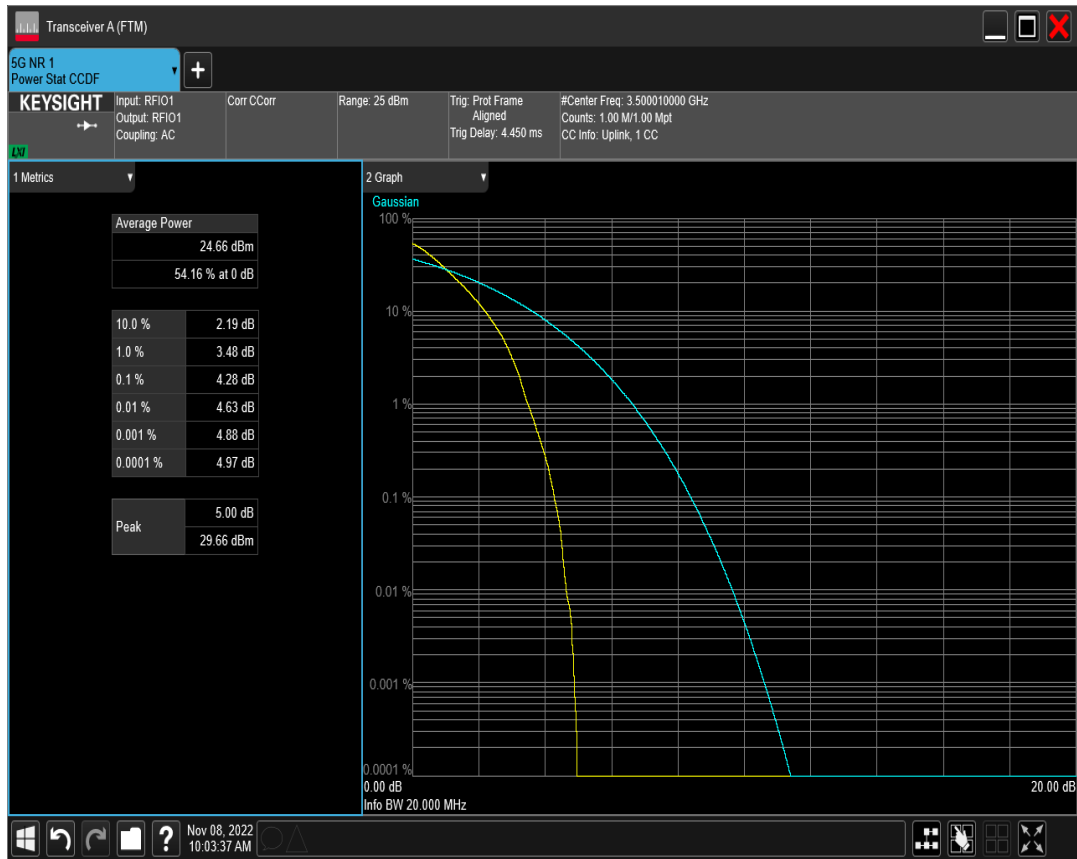
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=633334 RB=36@0



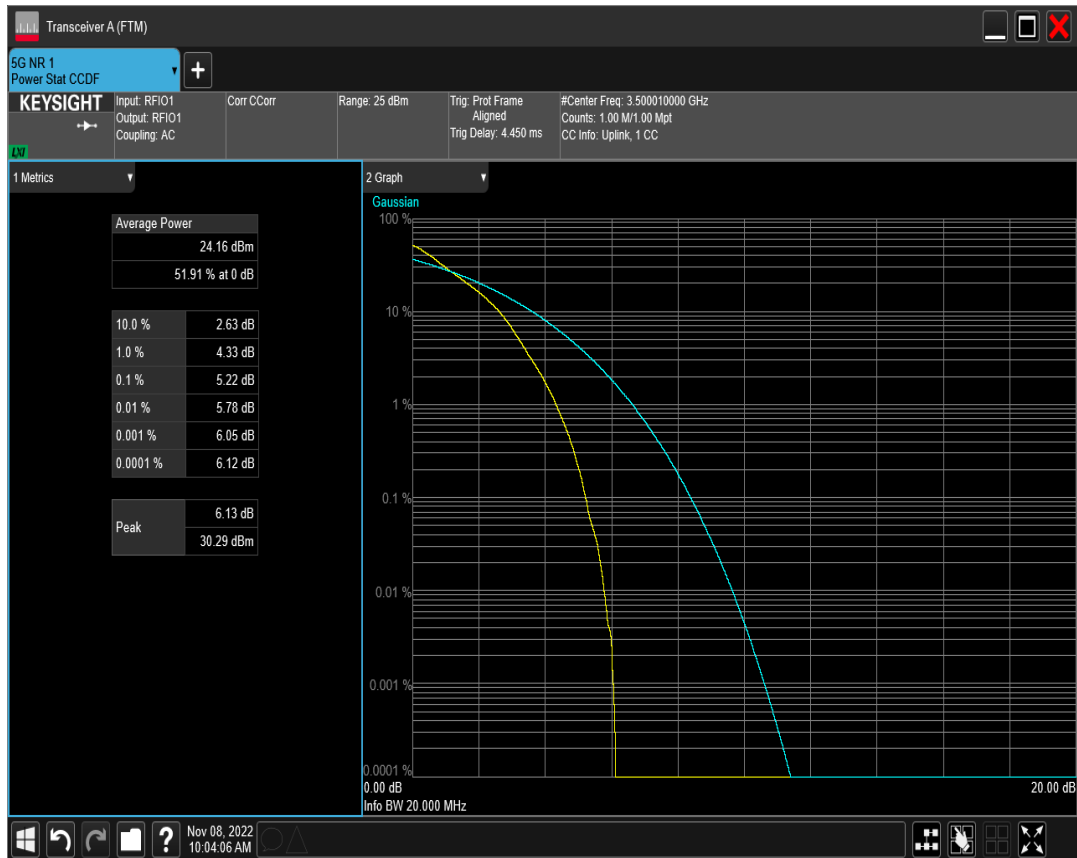
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=633334 RB=36@0



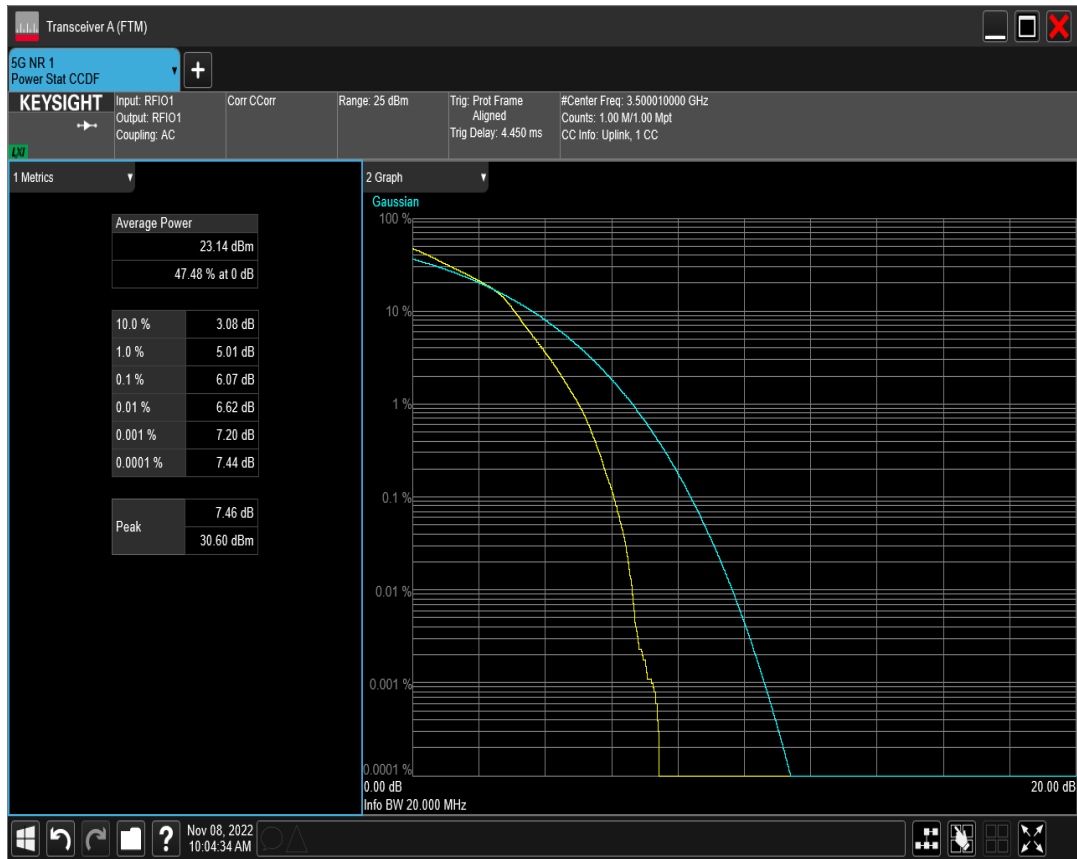
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50@0



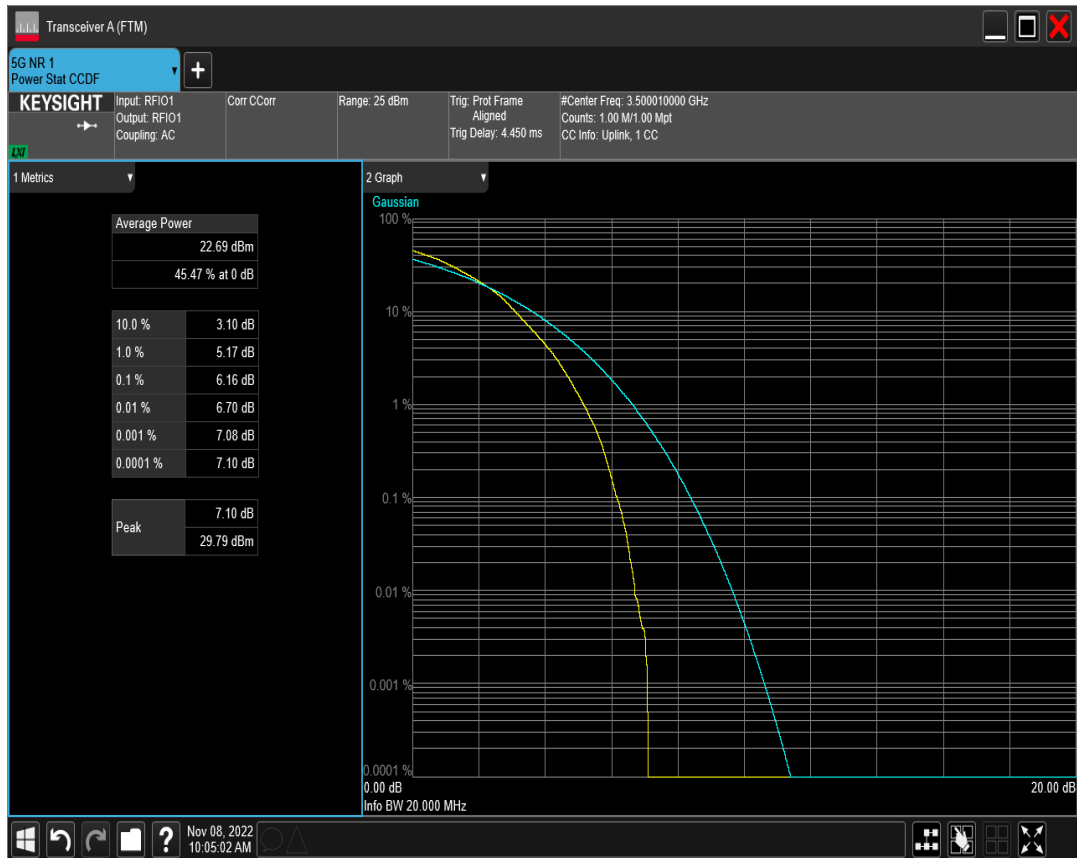
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=50@0



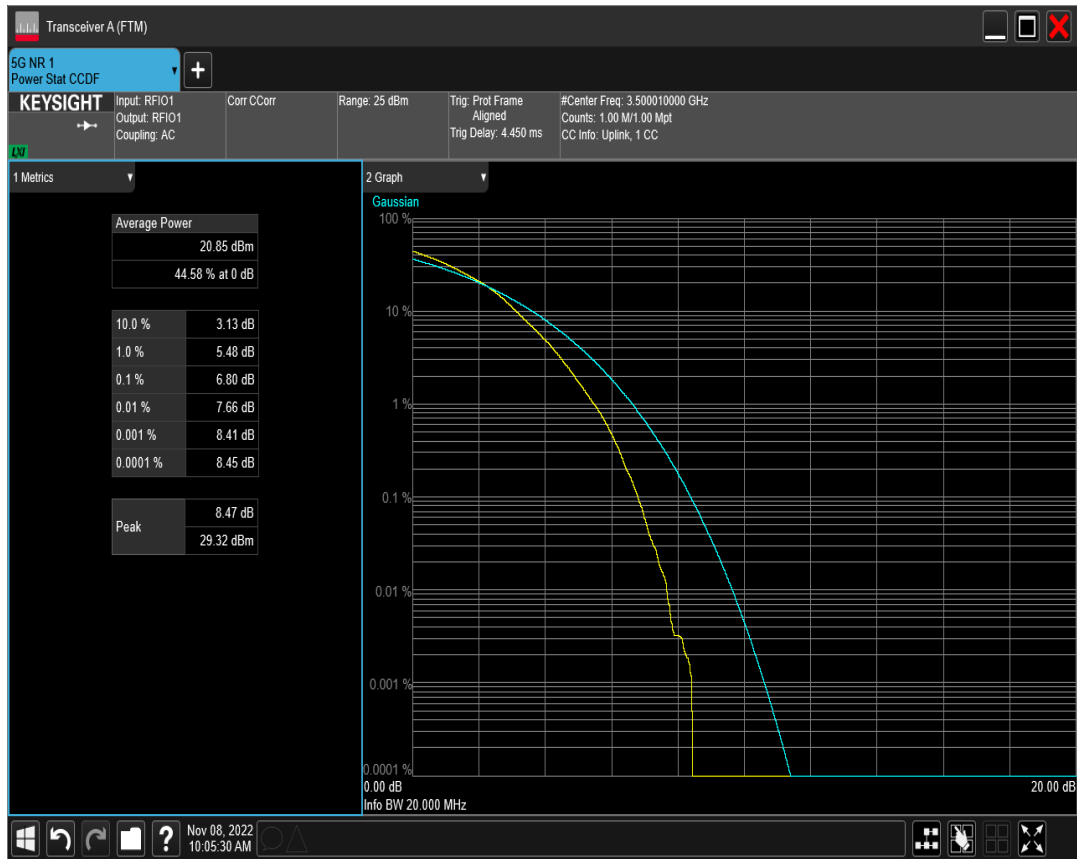
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=633334 RB=50@0



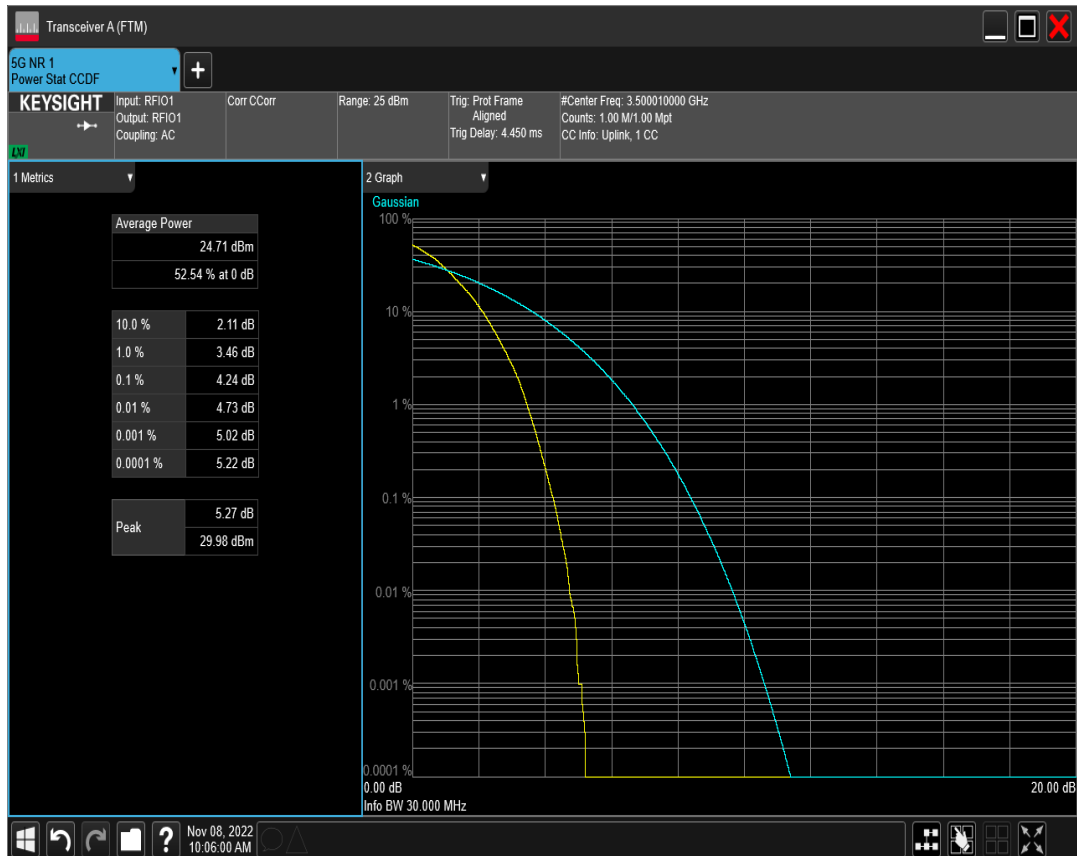
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=20MHz Channel=633334 RB=50@0



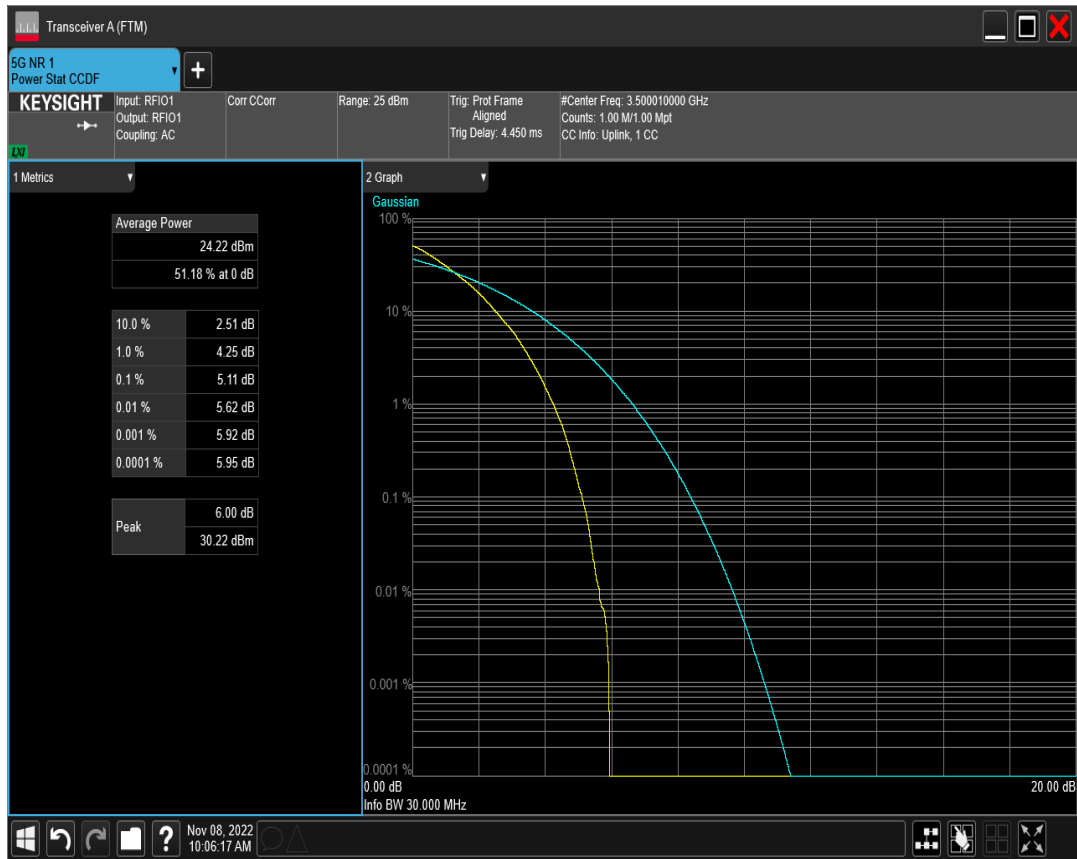
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=633334 RB=50@0



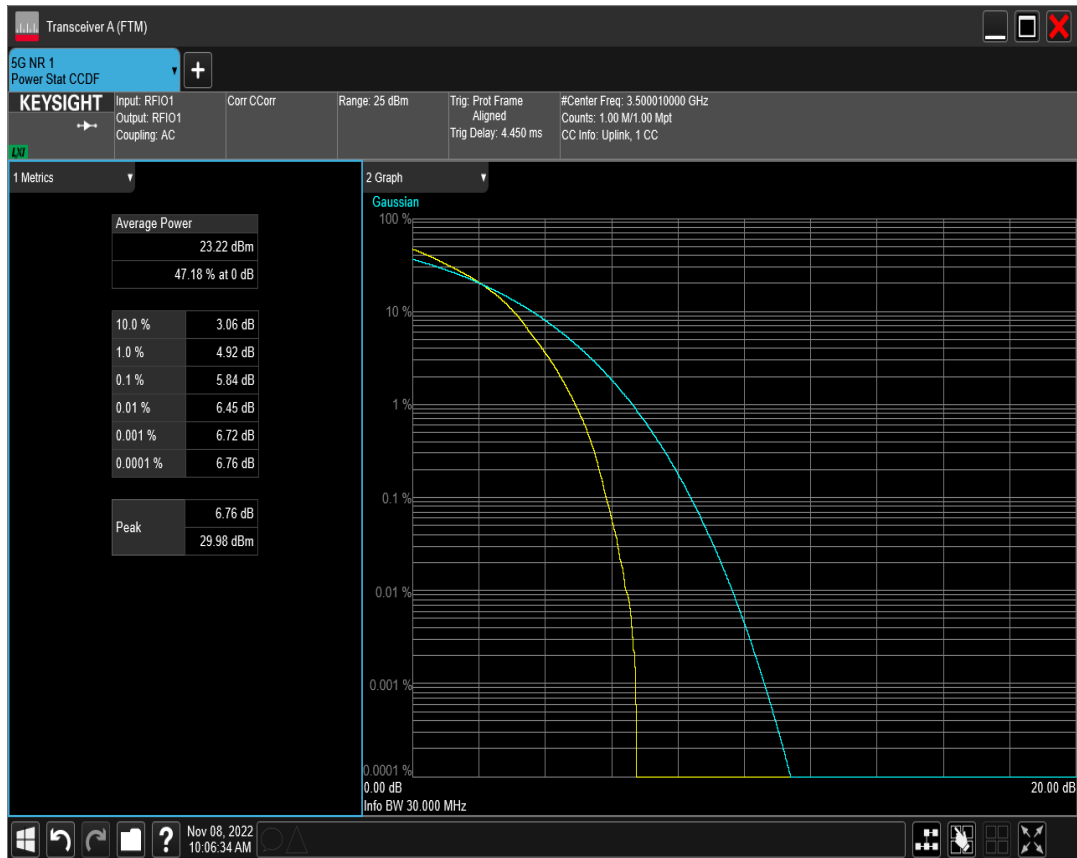
n77(3450-3550) SCS=30kHz DFT_BPSK BW=30MHz Channel=633334 RB=75@0



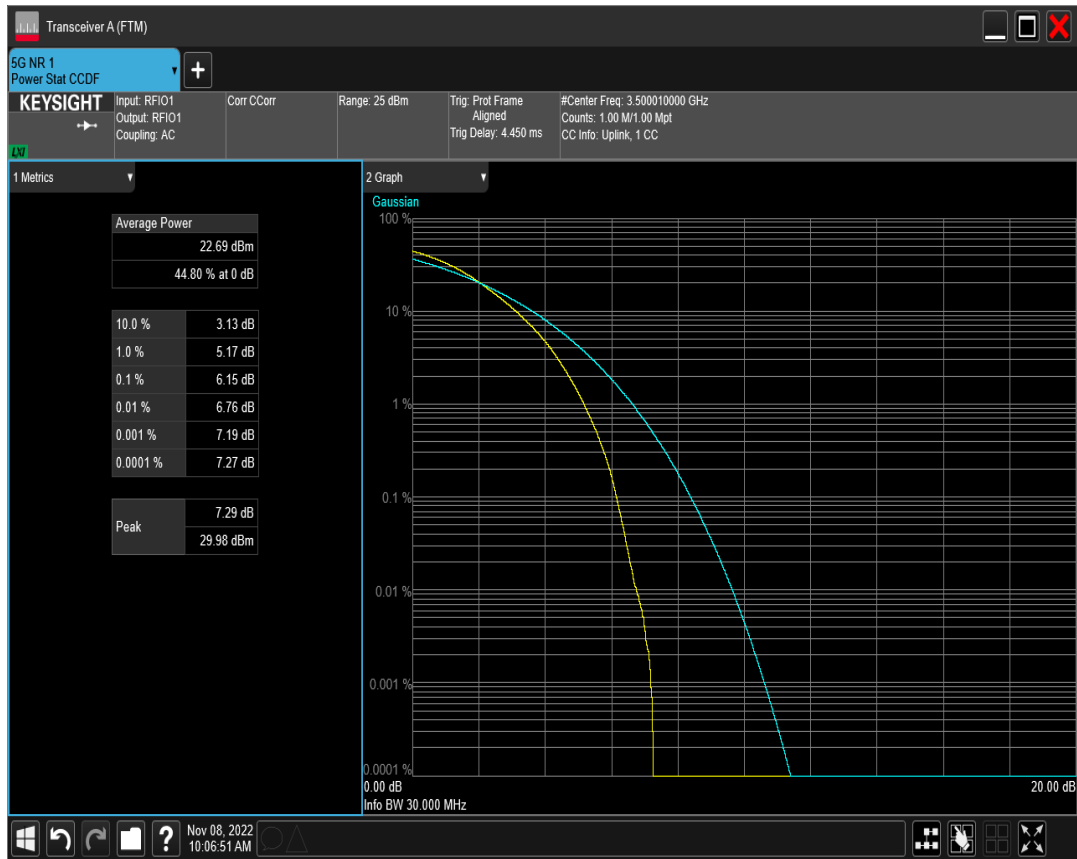
n77(3450-3550) SCS=30kHz DFT_QPSK BW=30MHz Channel=633334 RB=75@0



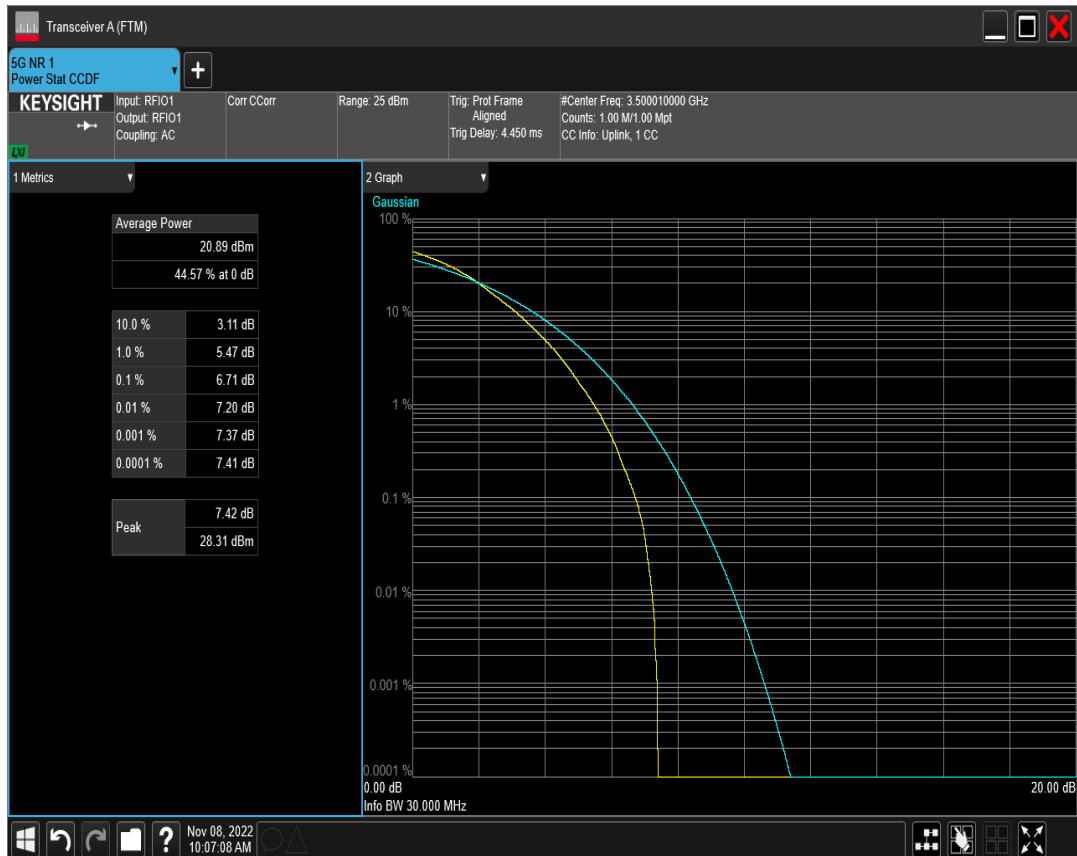
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=30MHz Channel=633334 RB=75@0



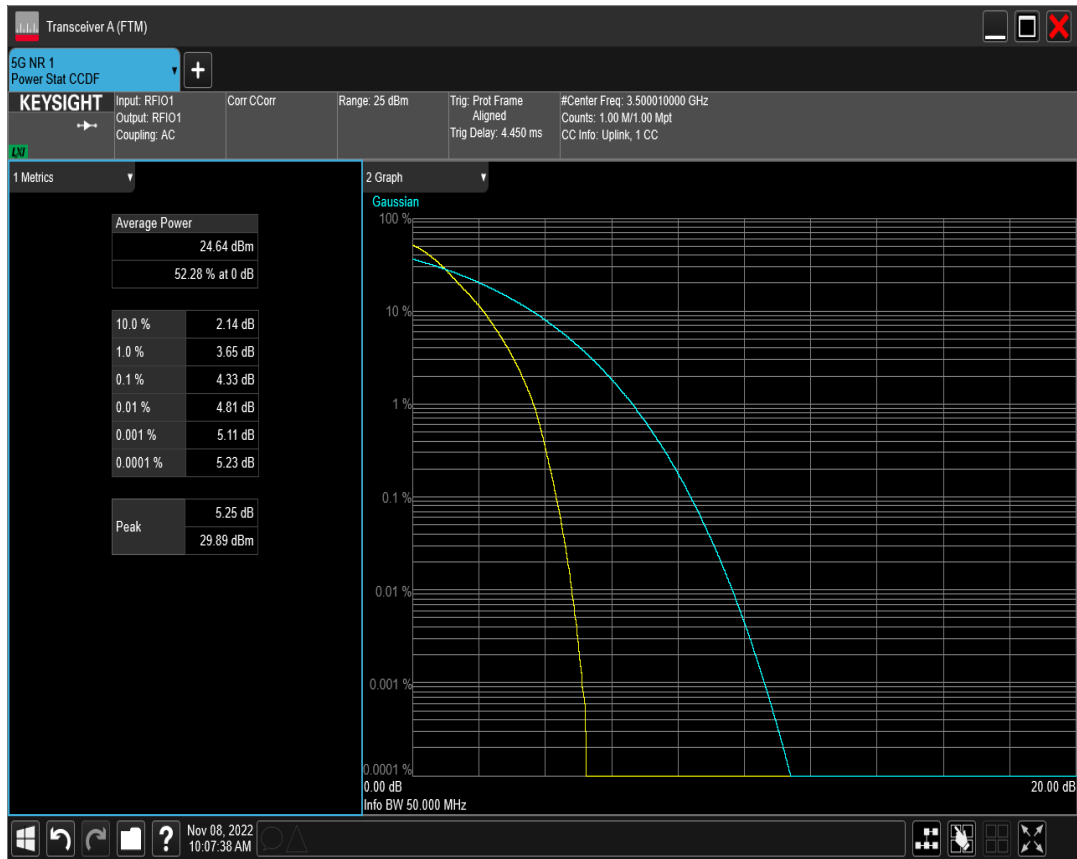
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=30MHz Channel=633334 RB=75@0



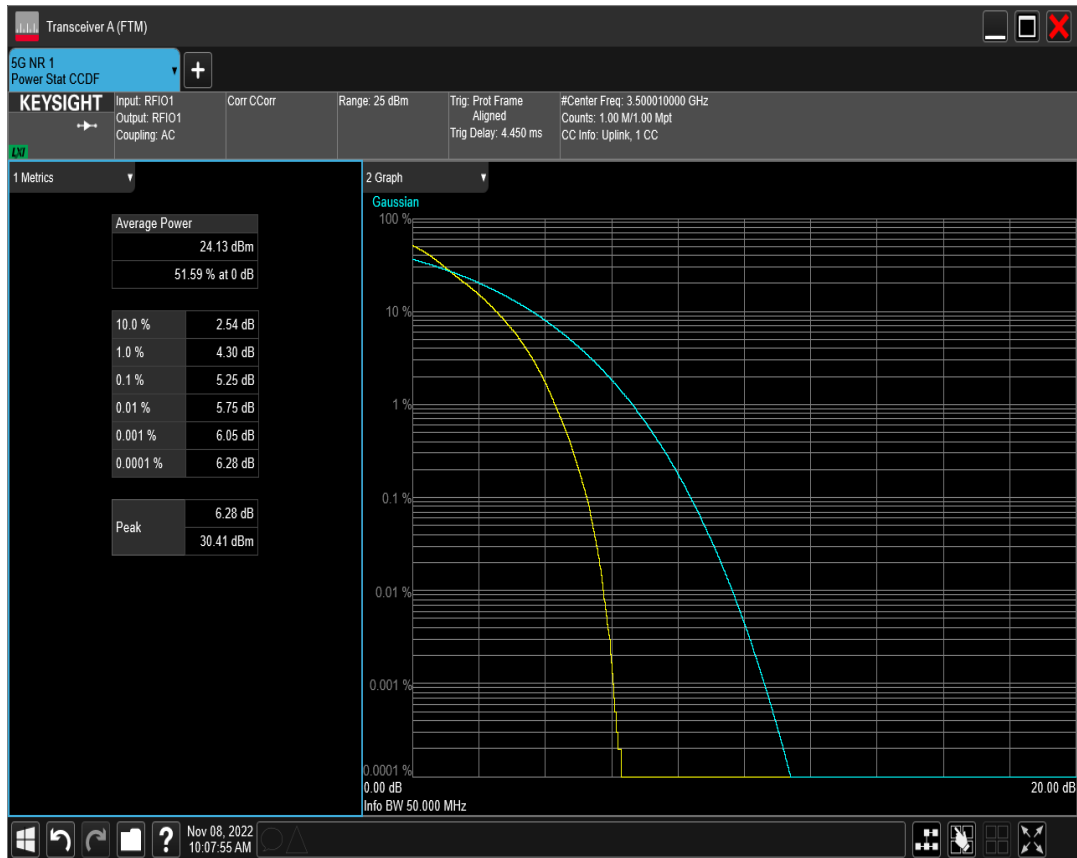
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=30MHz Channel=633334 RB=75@0



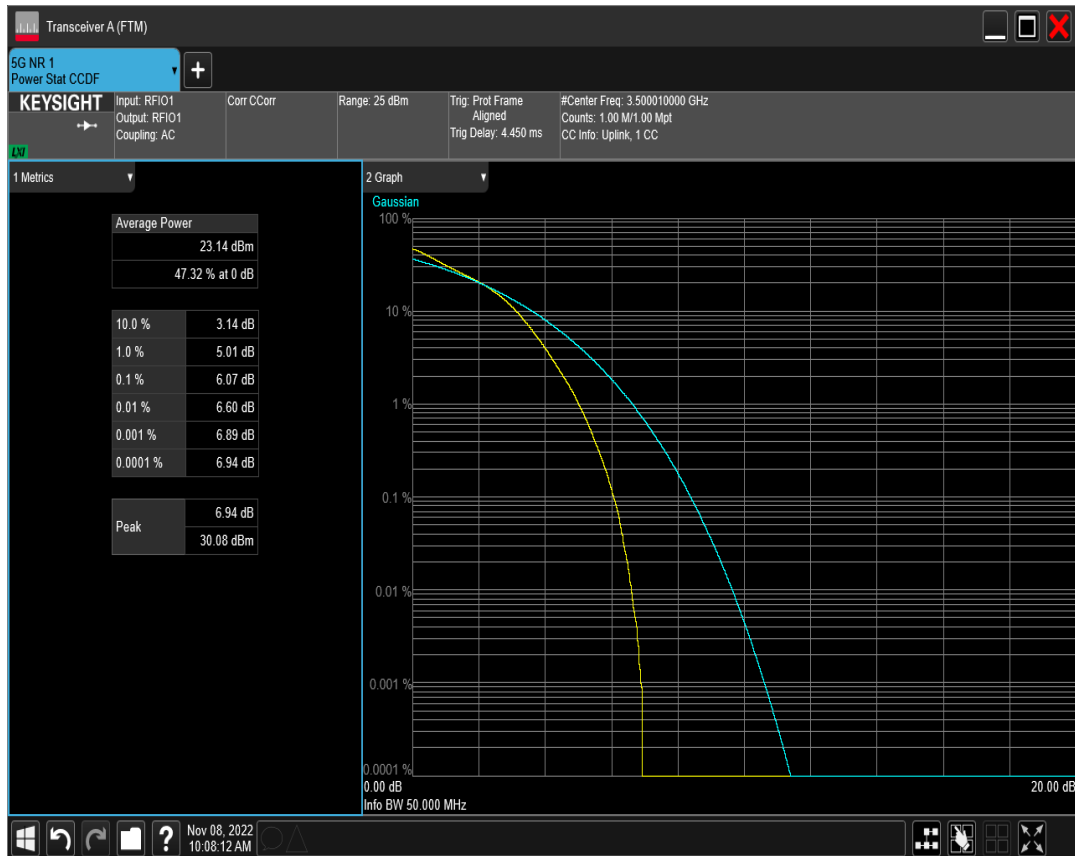
n77(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz Channel=633334 RB=100@0



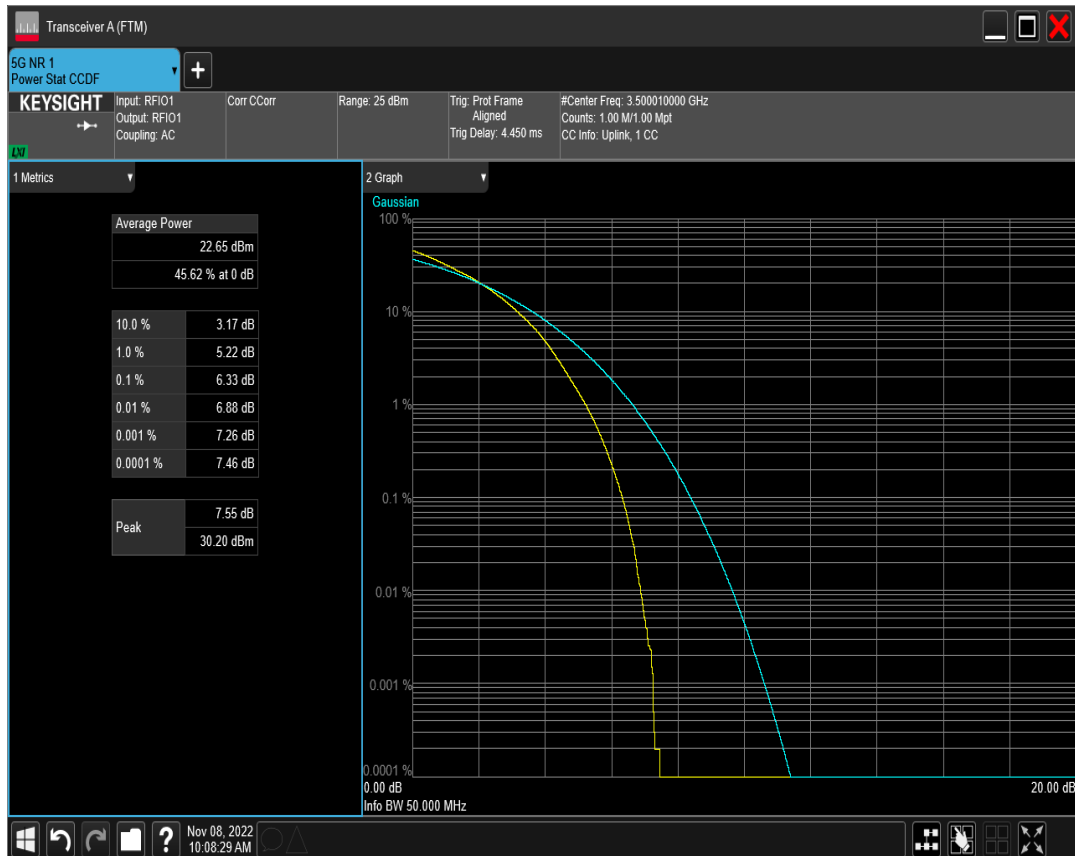
n77(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=633334 RB=100@0



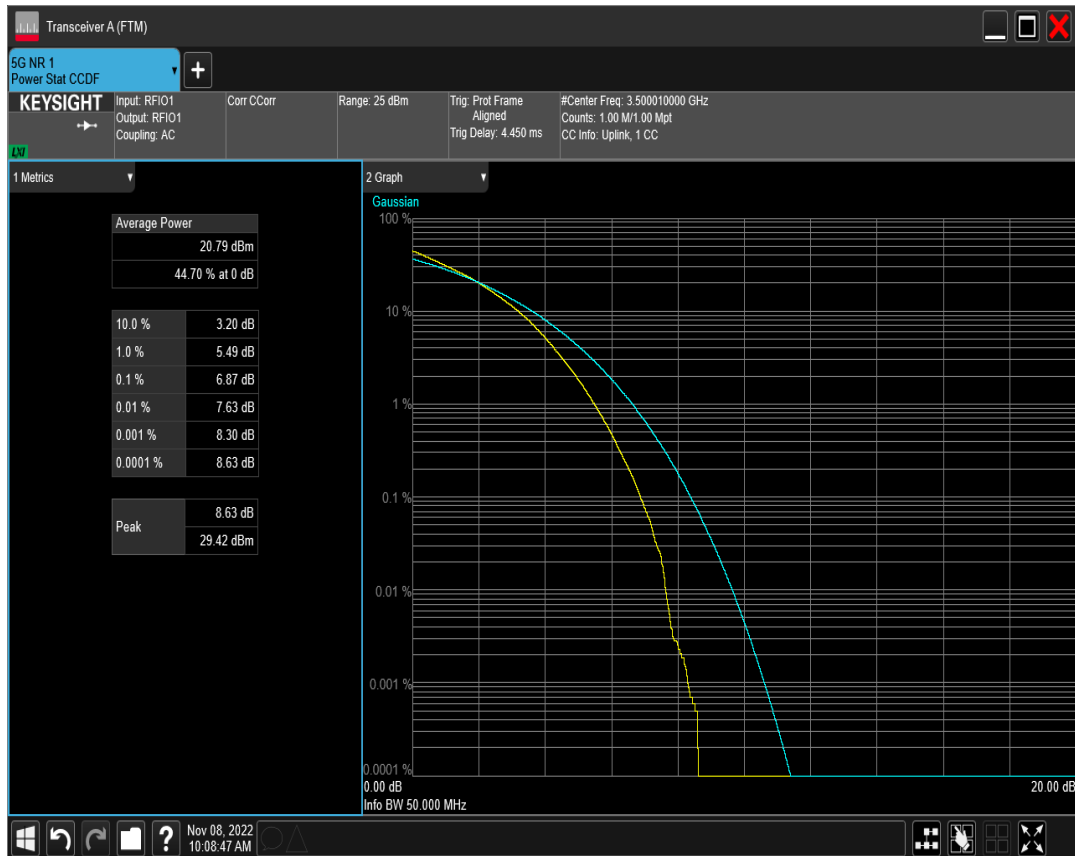
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=40MHz Channel=633334 RB=100@0



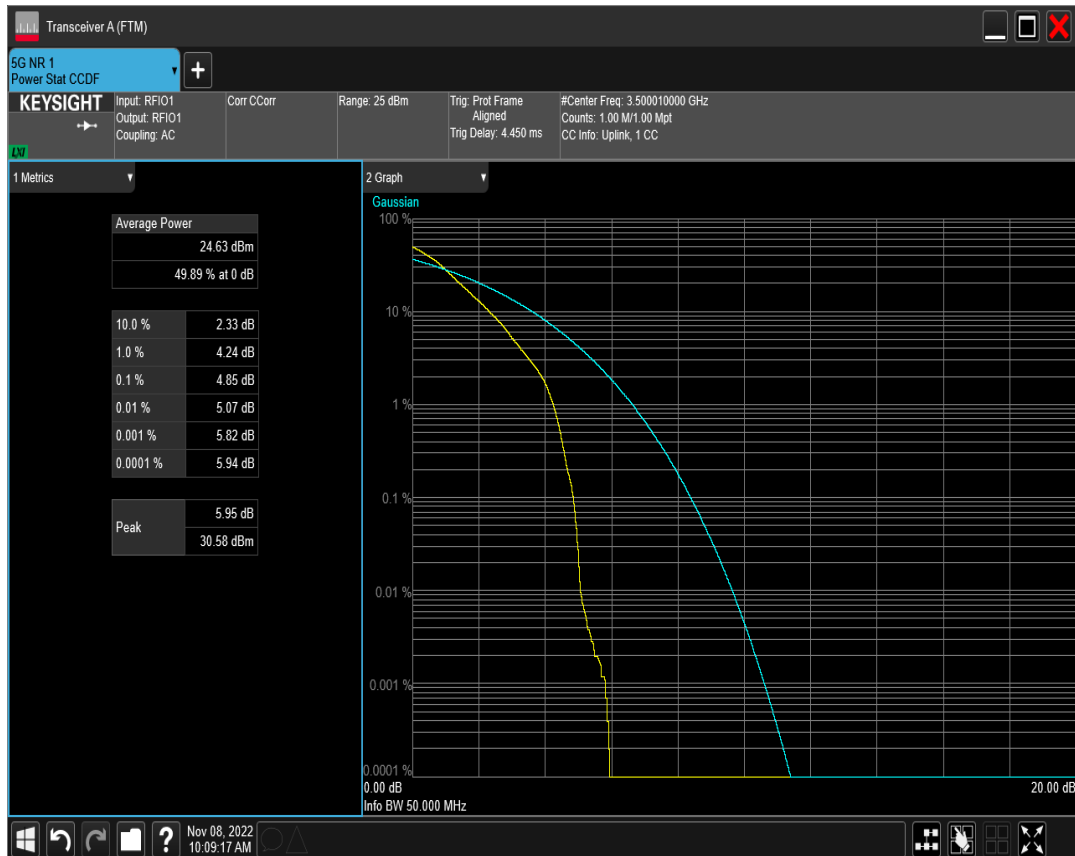
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=40MHz Channel=633334 RB=100@0



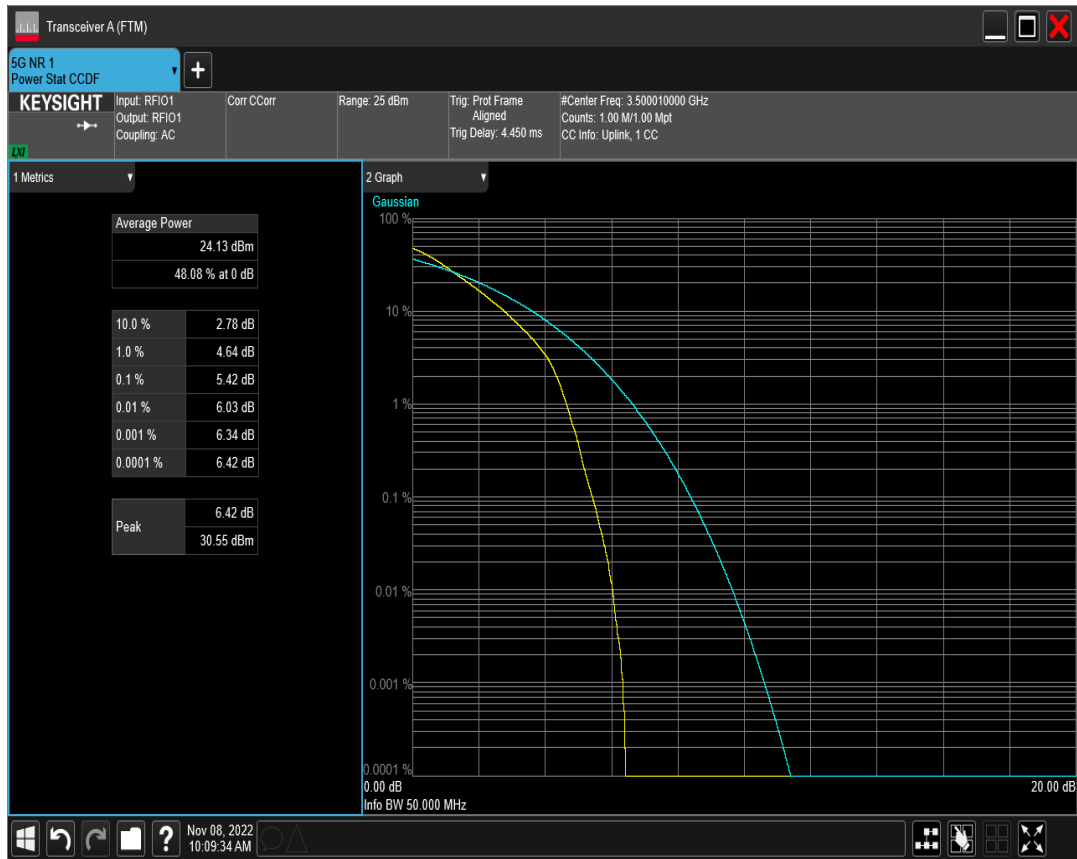
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=40MHz Channel=633334 RB=100@0



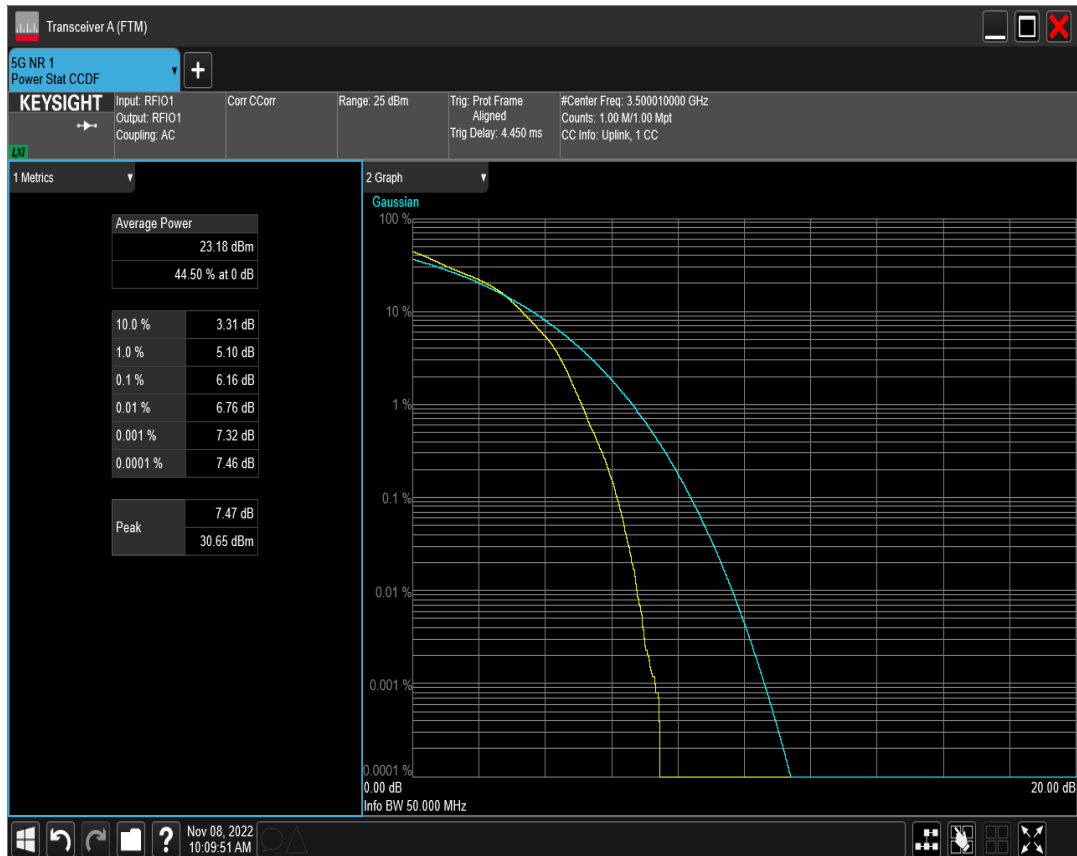
n77(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=633334 RB=128@0



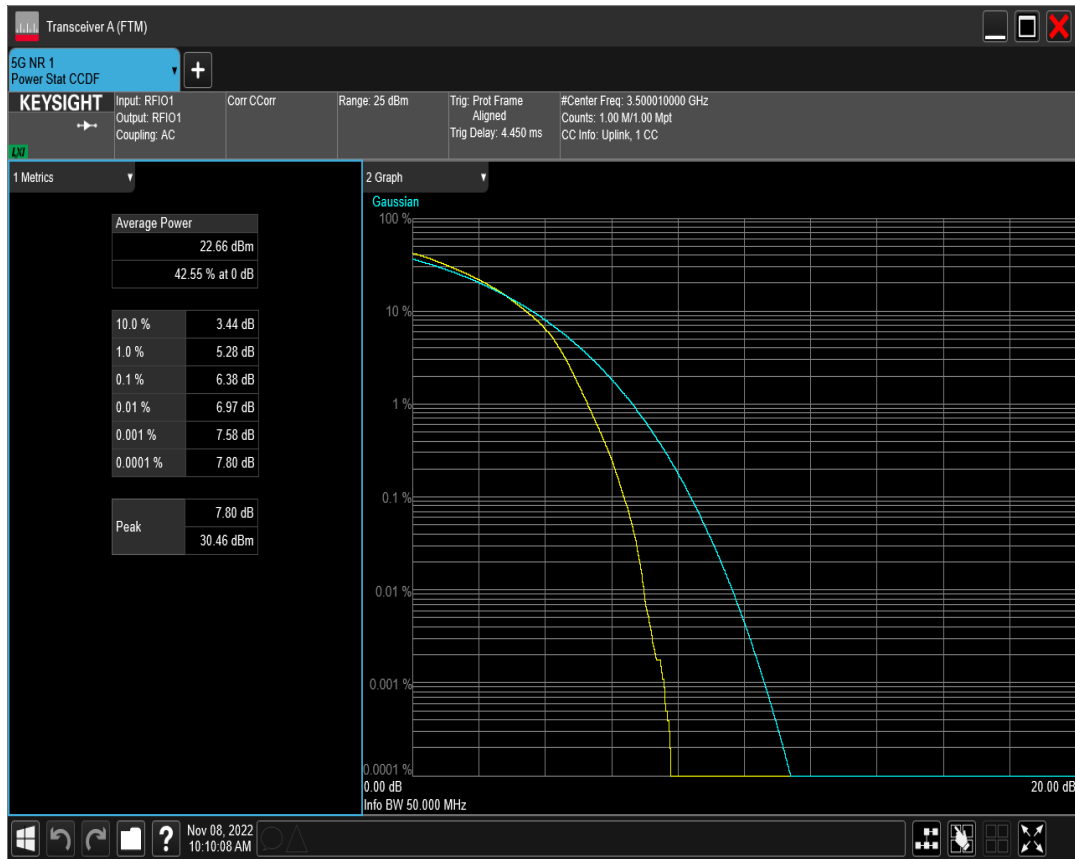
n77(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=633334 RB=128@0



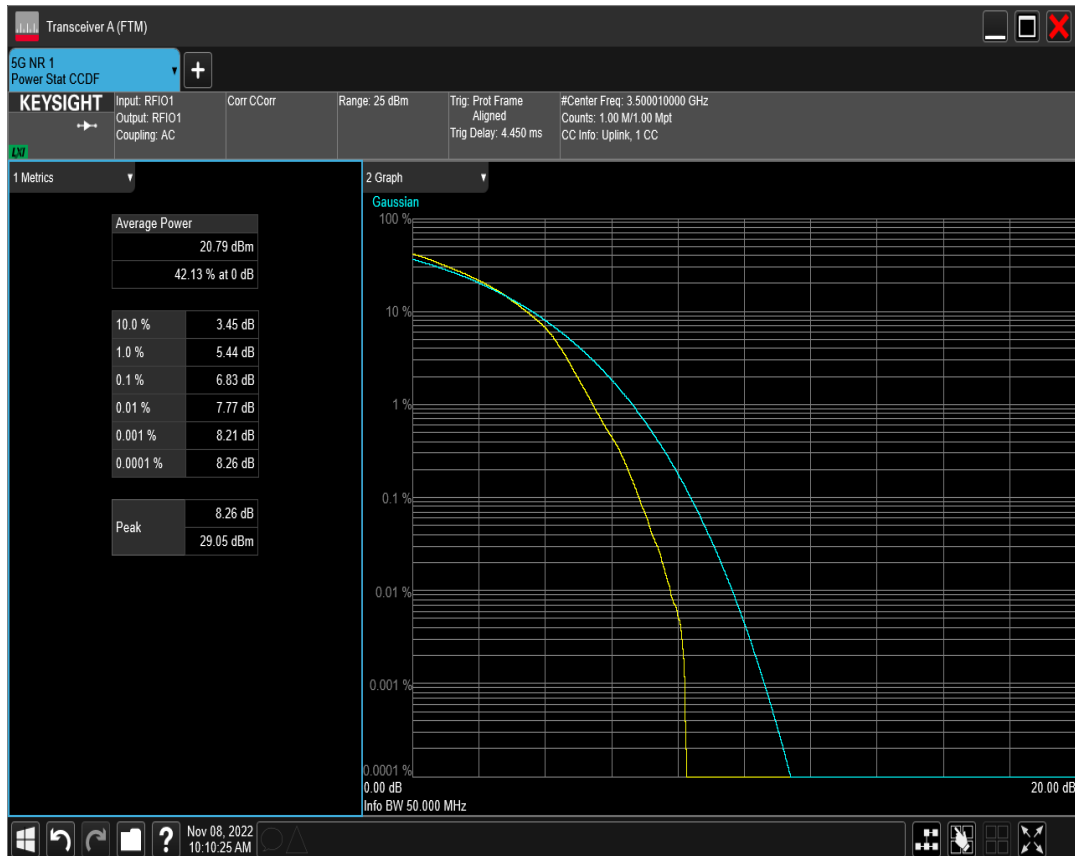
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=50MHz Channel=633334 RB=128@0



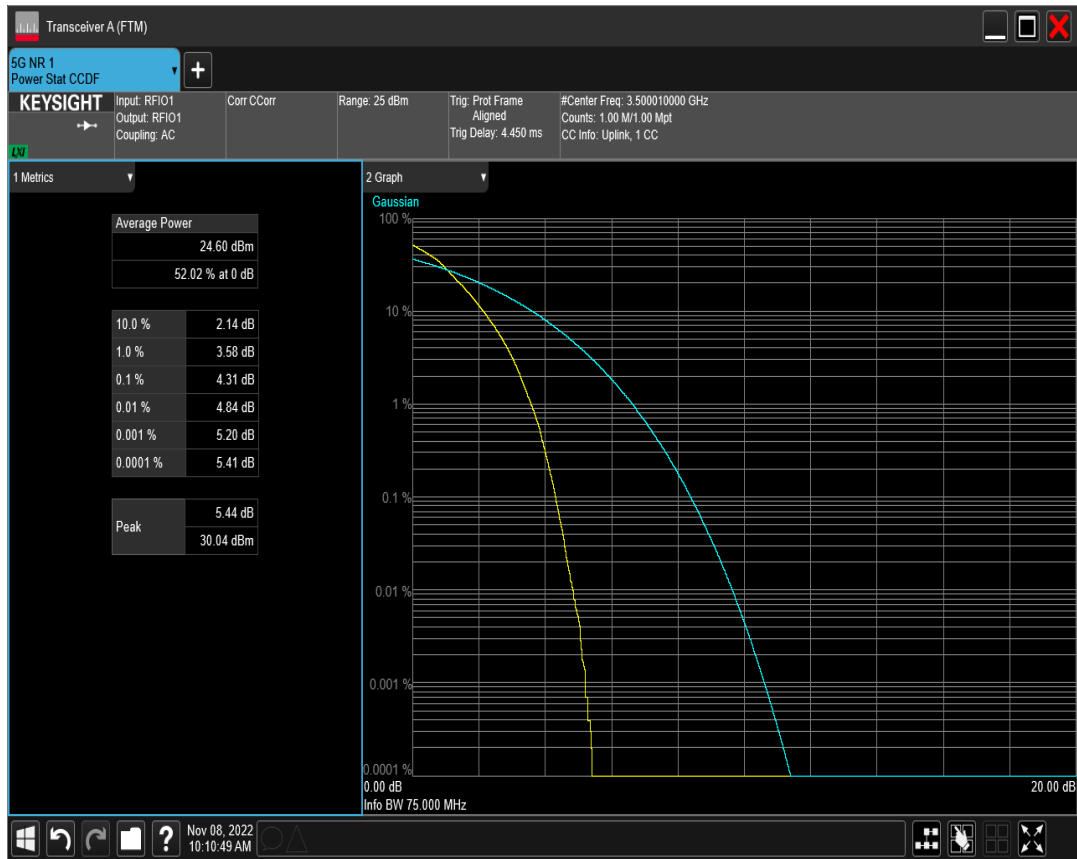
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=633334 RB=128@0



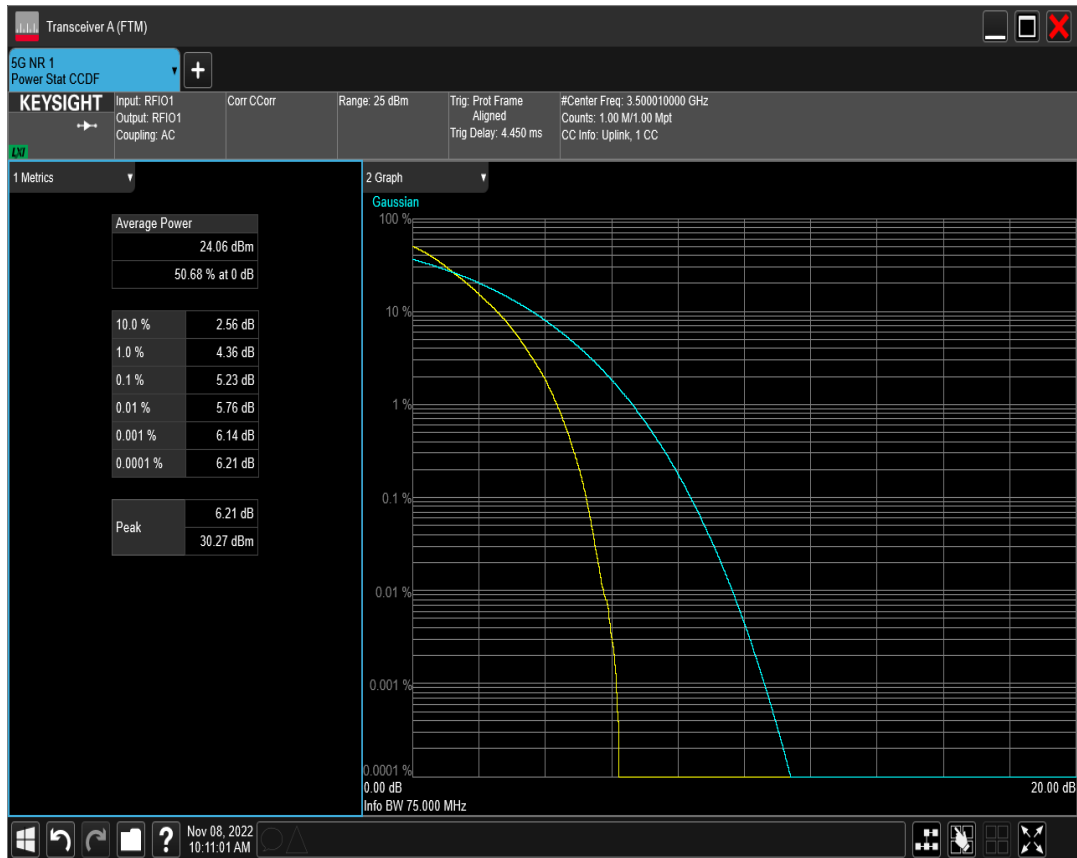
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=50MHz Channel=633334 RB=128@0



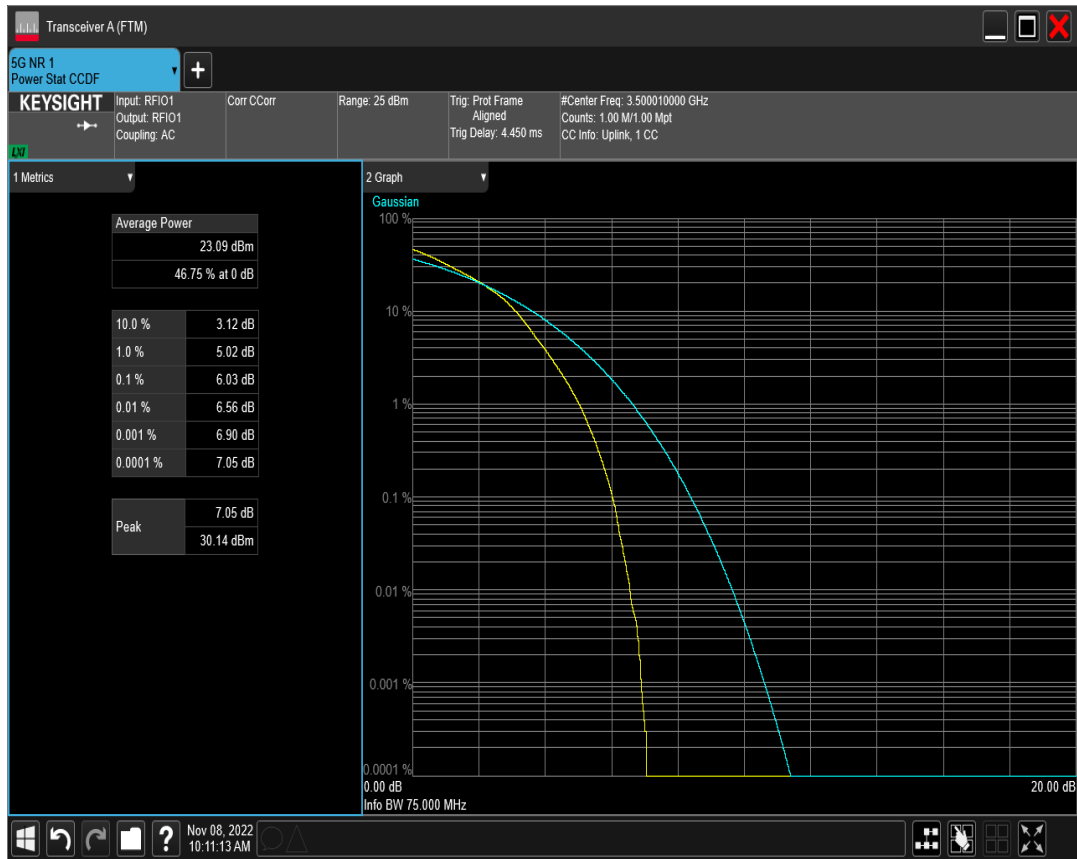
n77(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=633334 RB=162@0



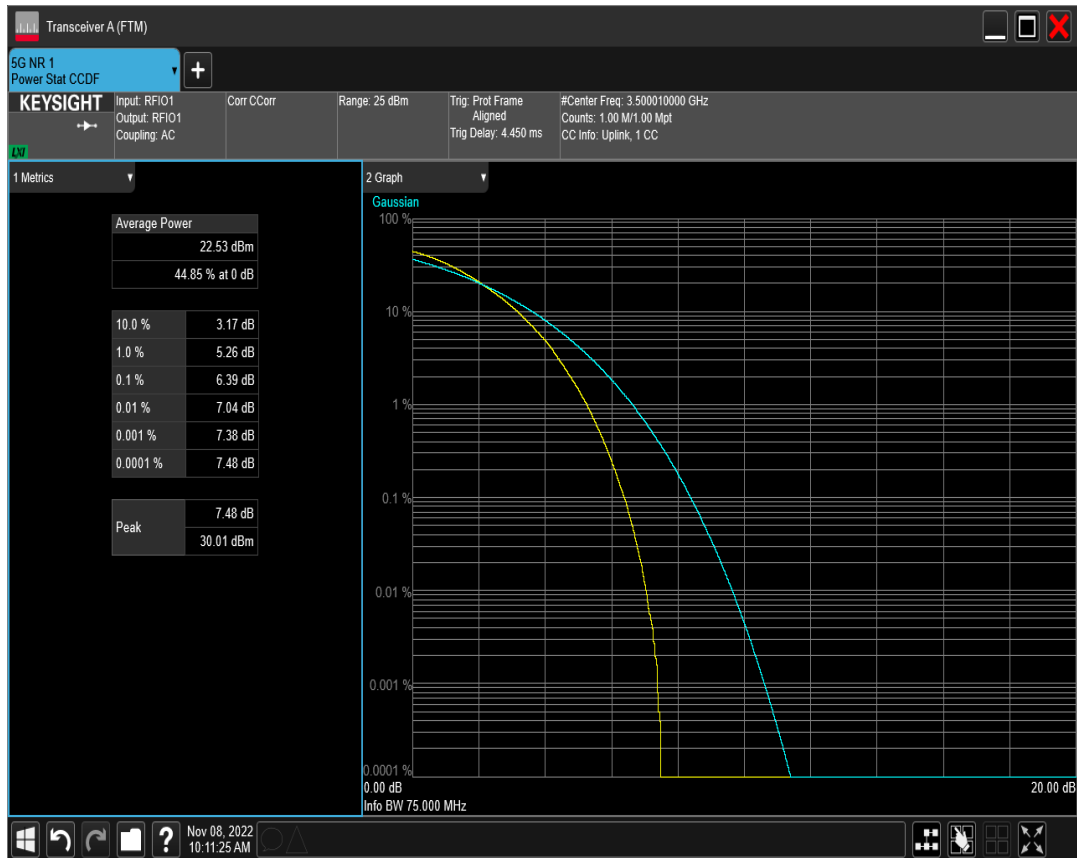
n77(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=633334 RB=162@0



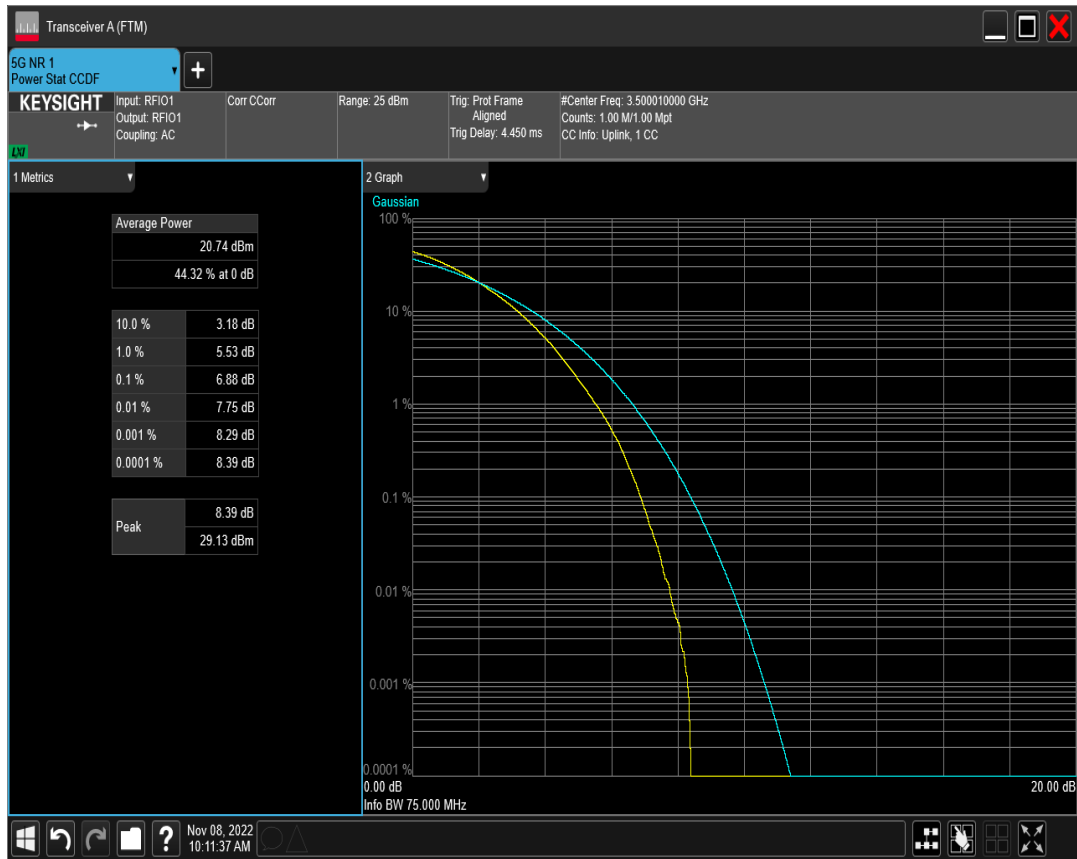
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=60MHz Channel=633334 RB=162@0



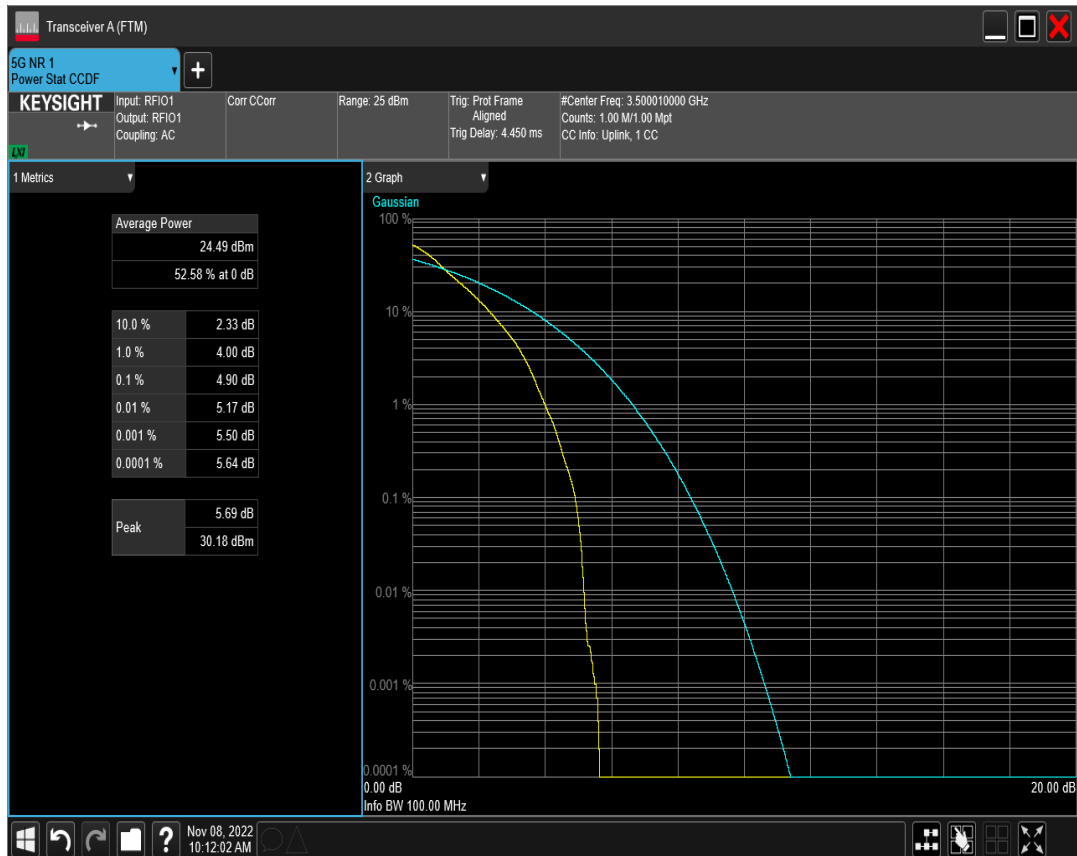
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=633334 RB=162@0



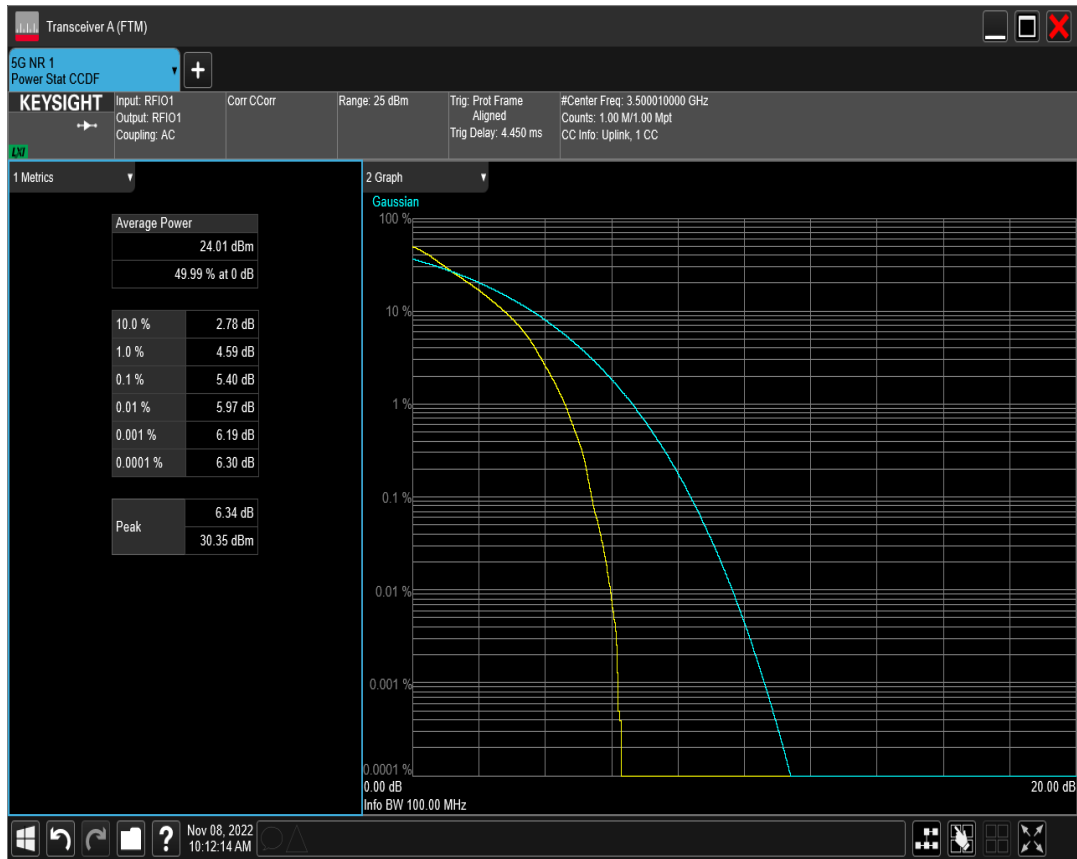
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=60MHz Channel=633334 RB=162@0



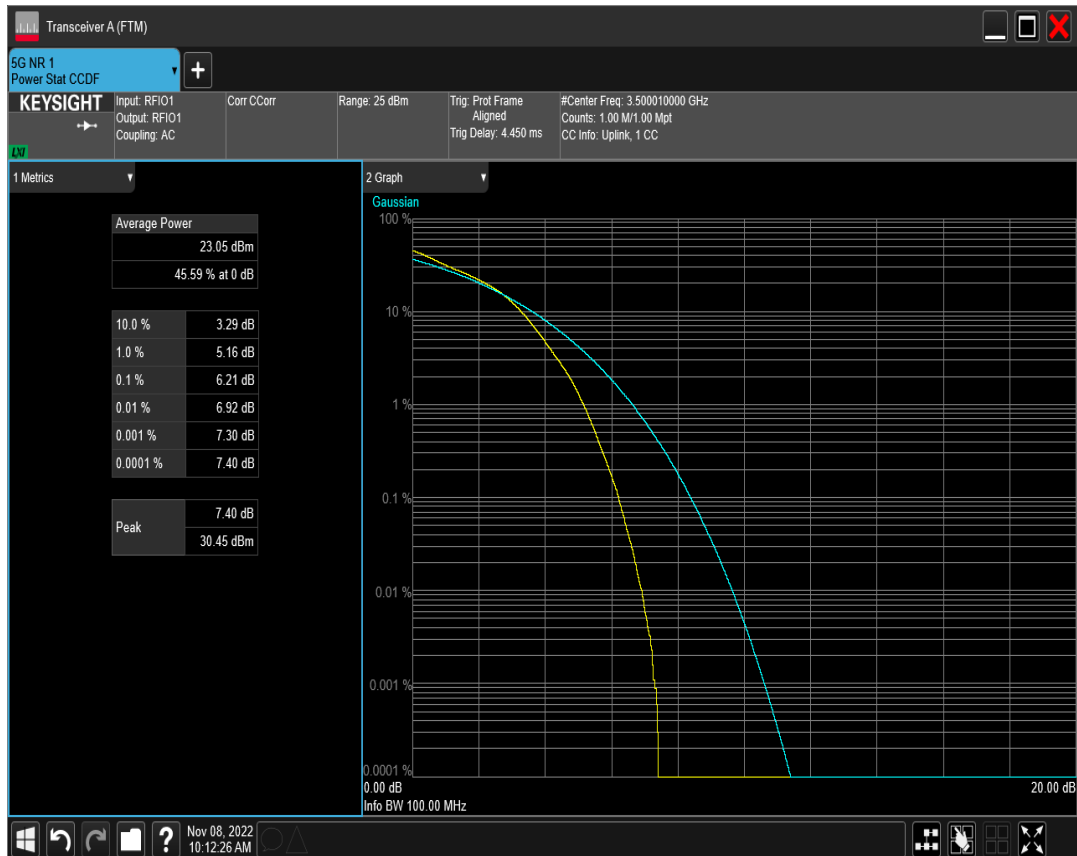
n77(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



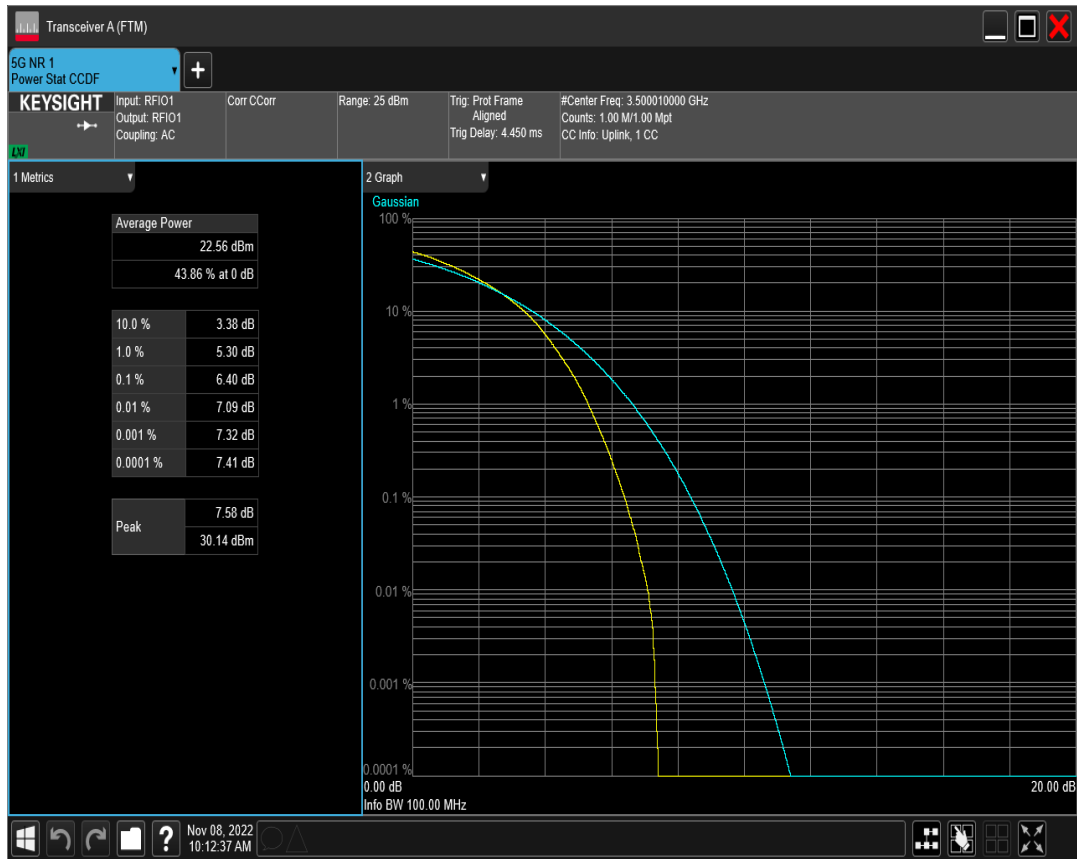
n77(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=633334 RB=216@0



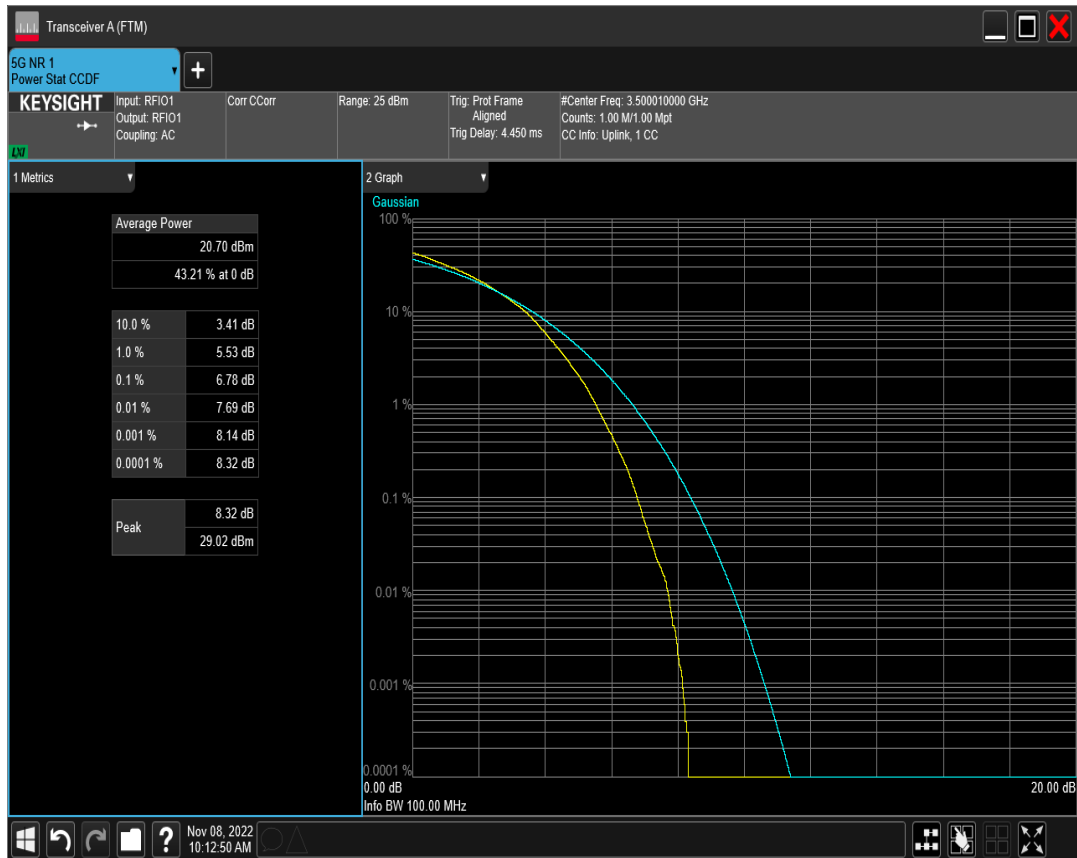
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=80MHz Channel=633334 RB=216@0



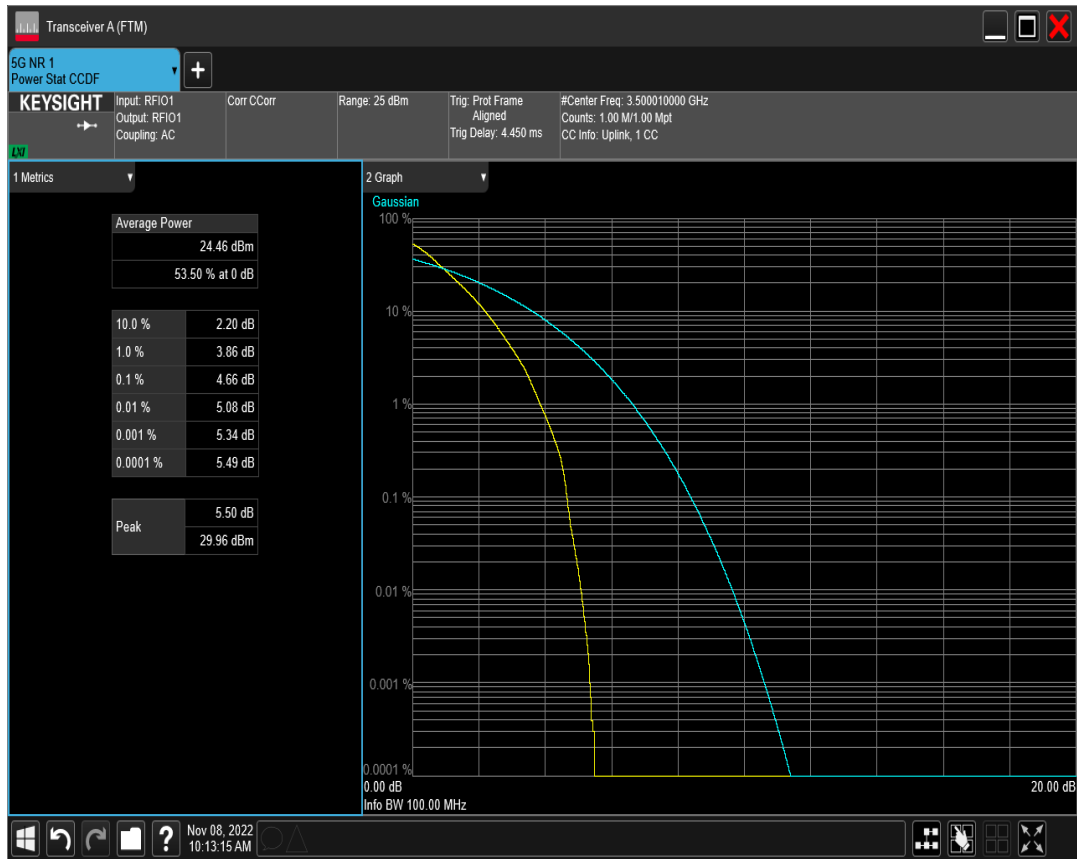
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=633334 RB=216@0



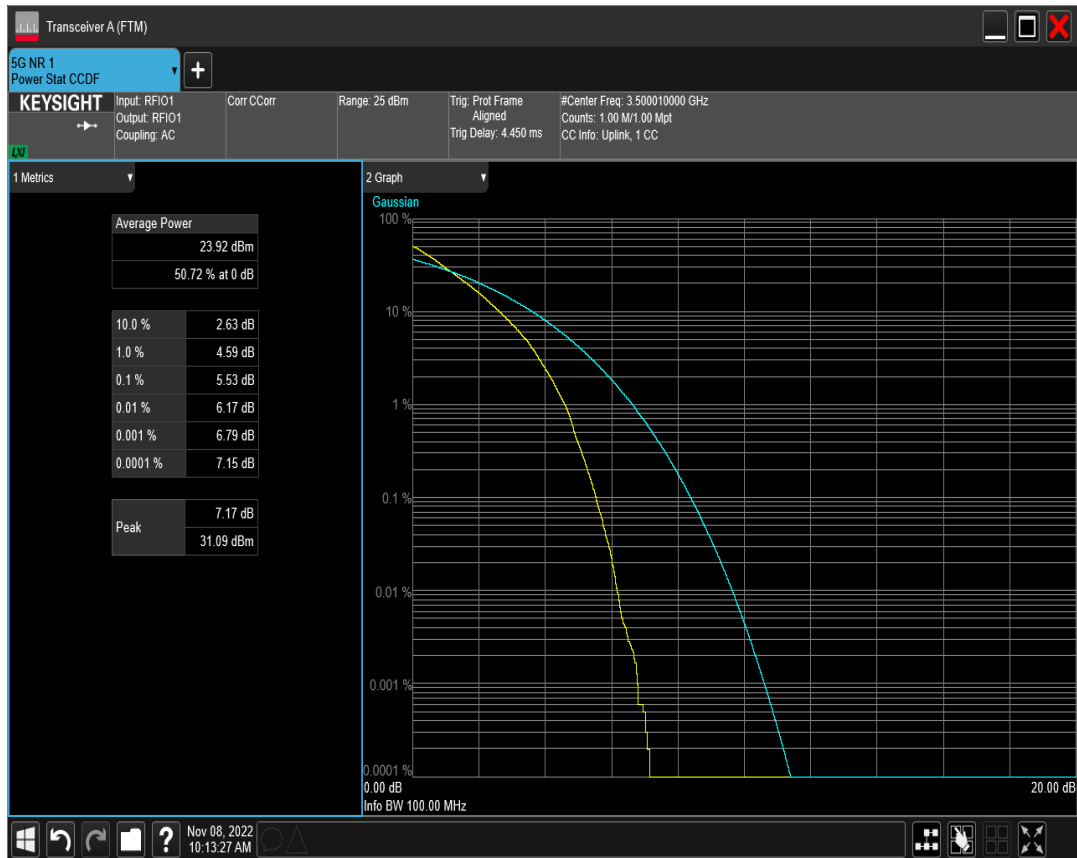
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=80MHz Channel=633334 RB=216@0



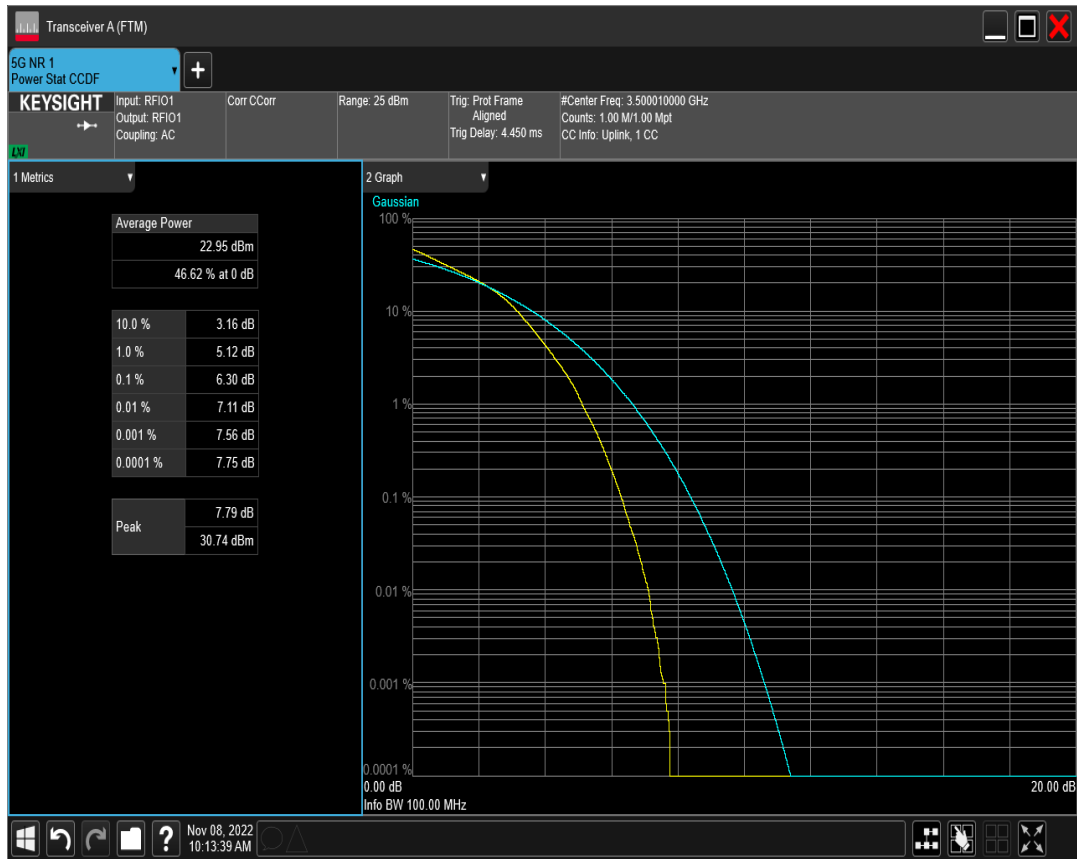
n77(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633334 RB=240@0



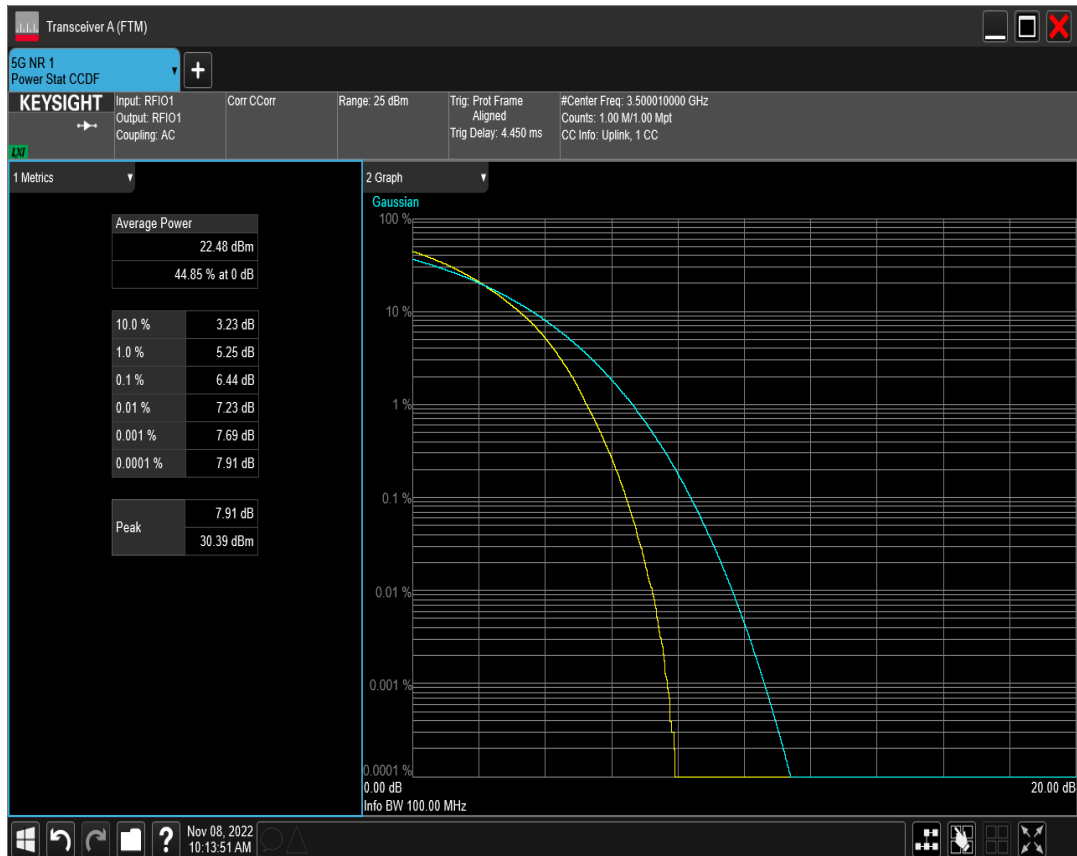
n77(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633334 RB=240@0



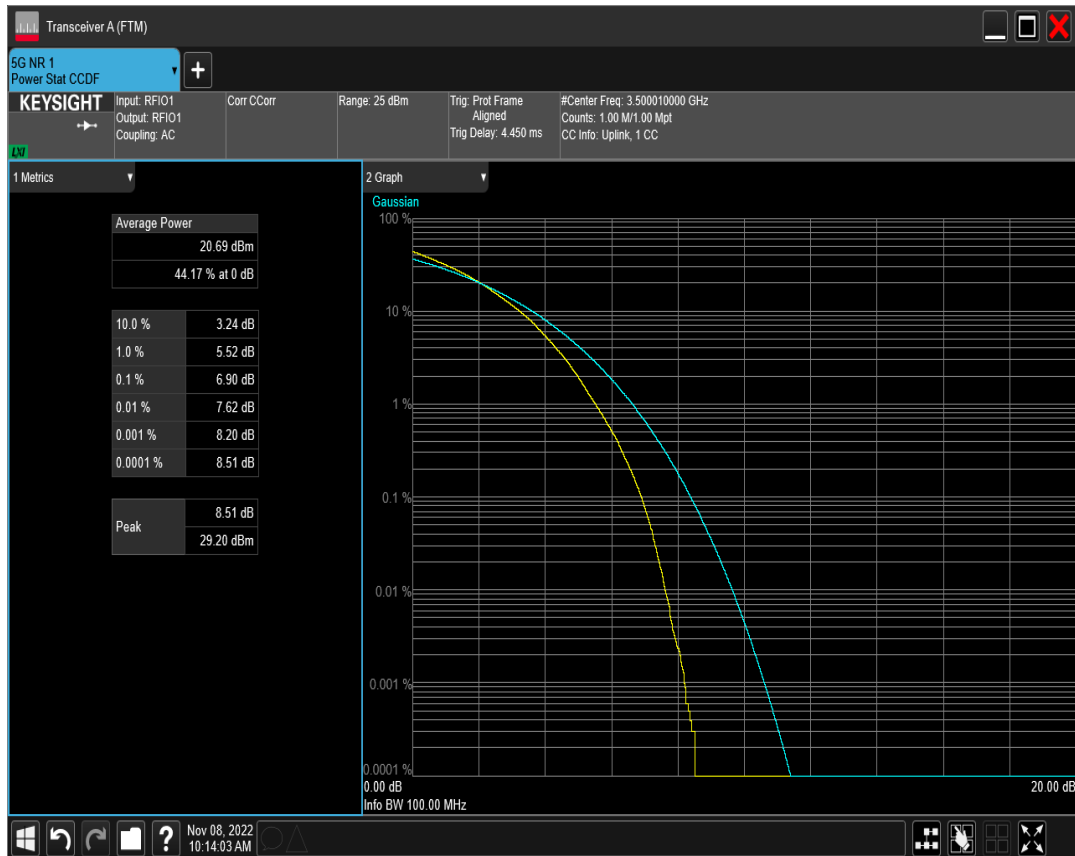
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=90MHz Channel=633334 RB=240@0



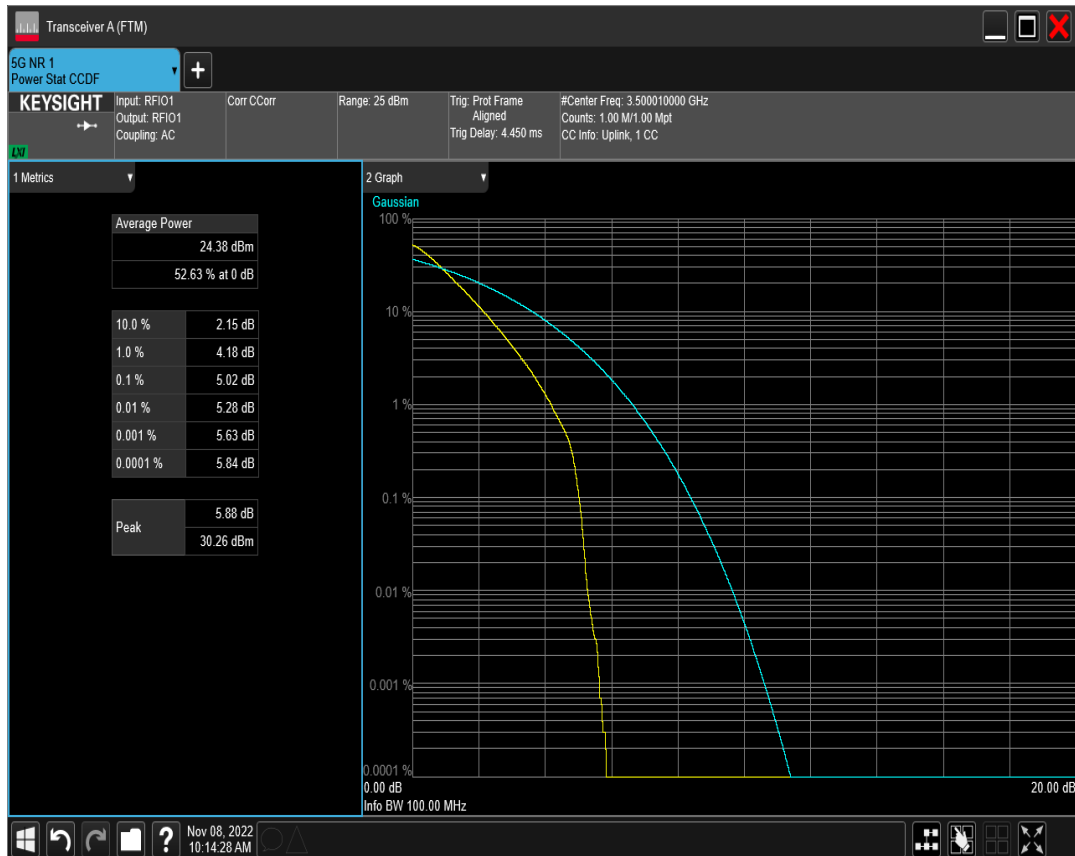
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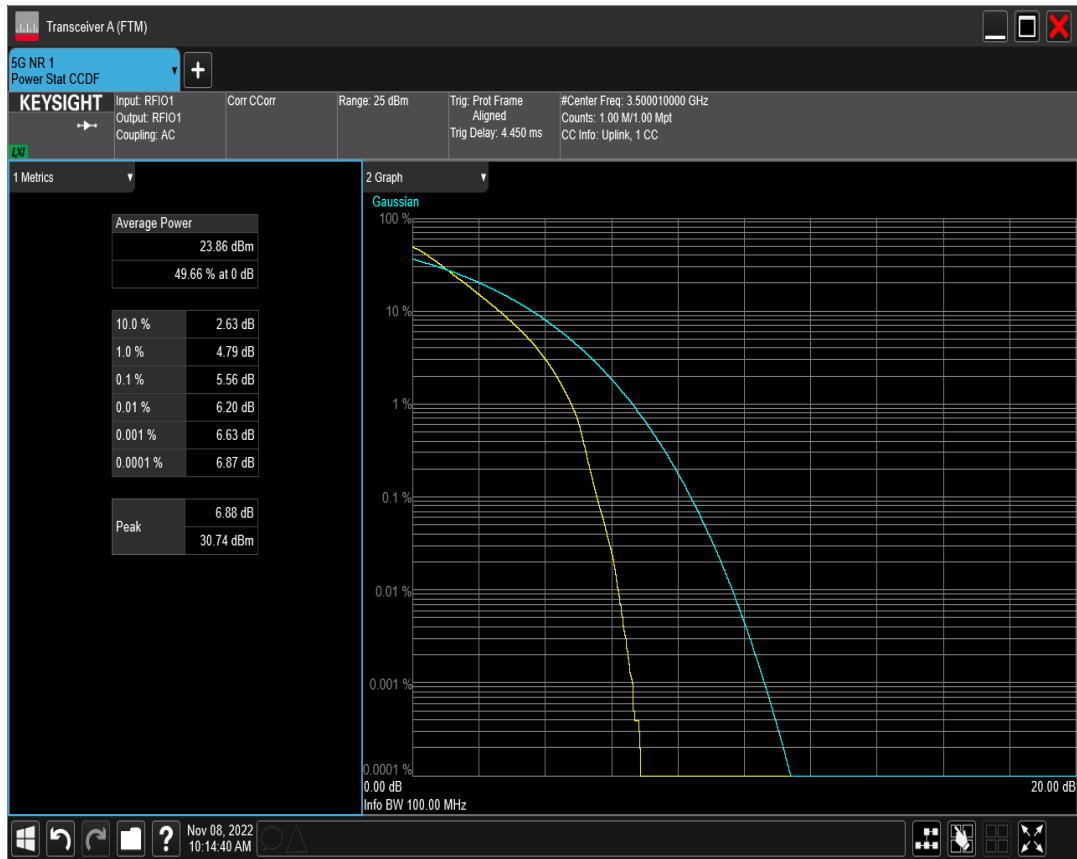
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=90MHz Channel=633334 RB=240@0



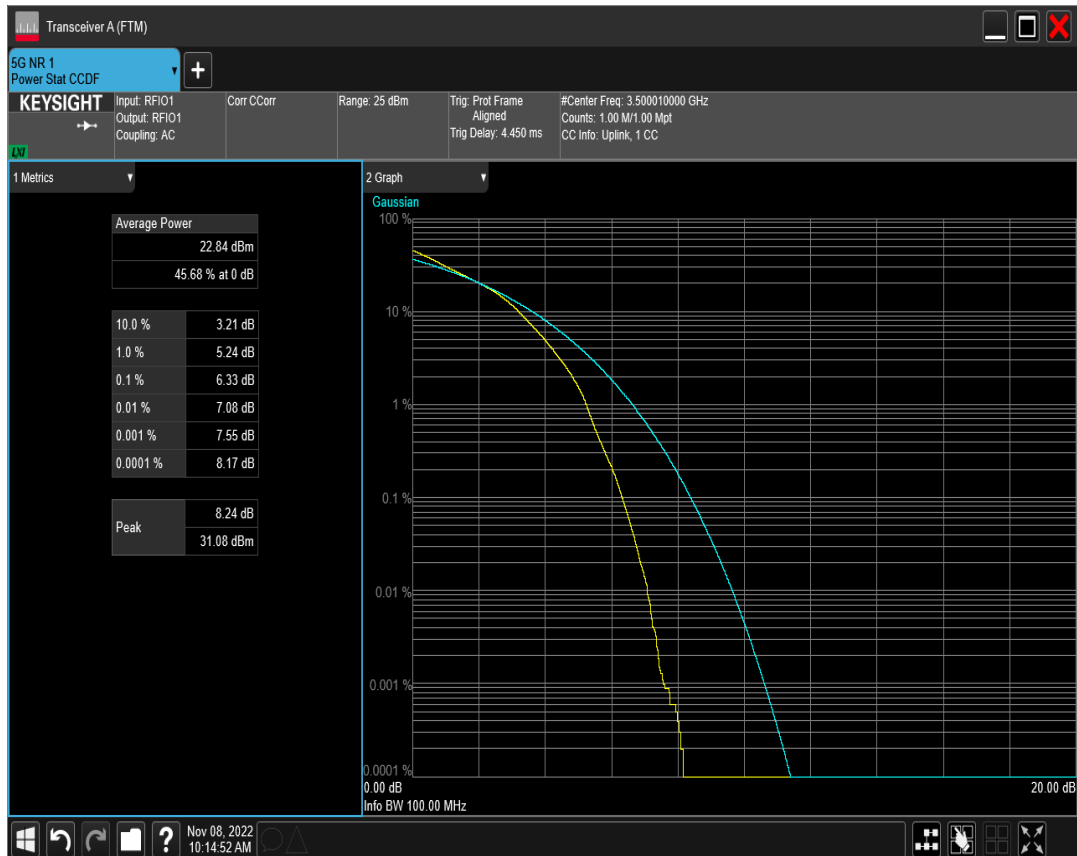
n77(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



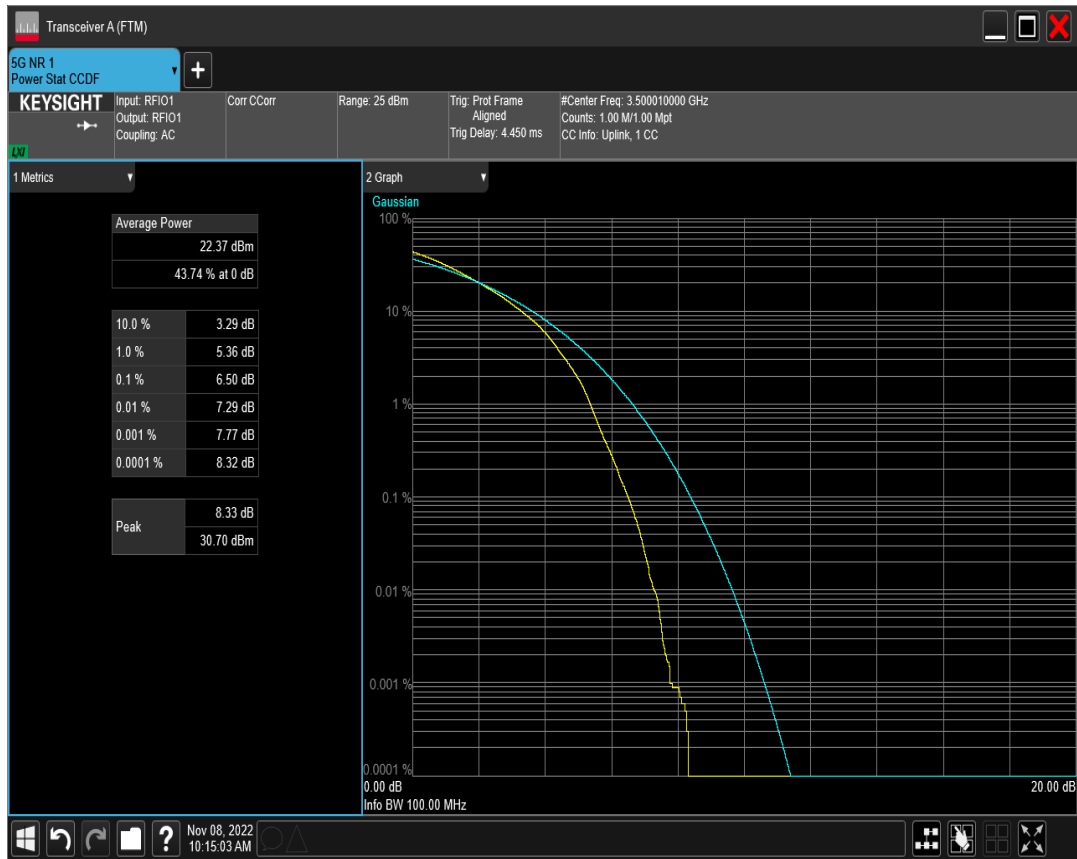
n77(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



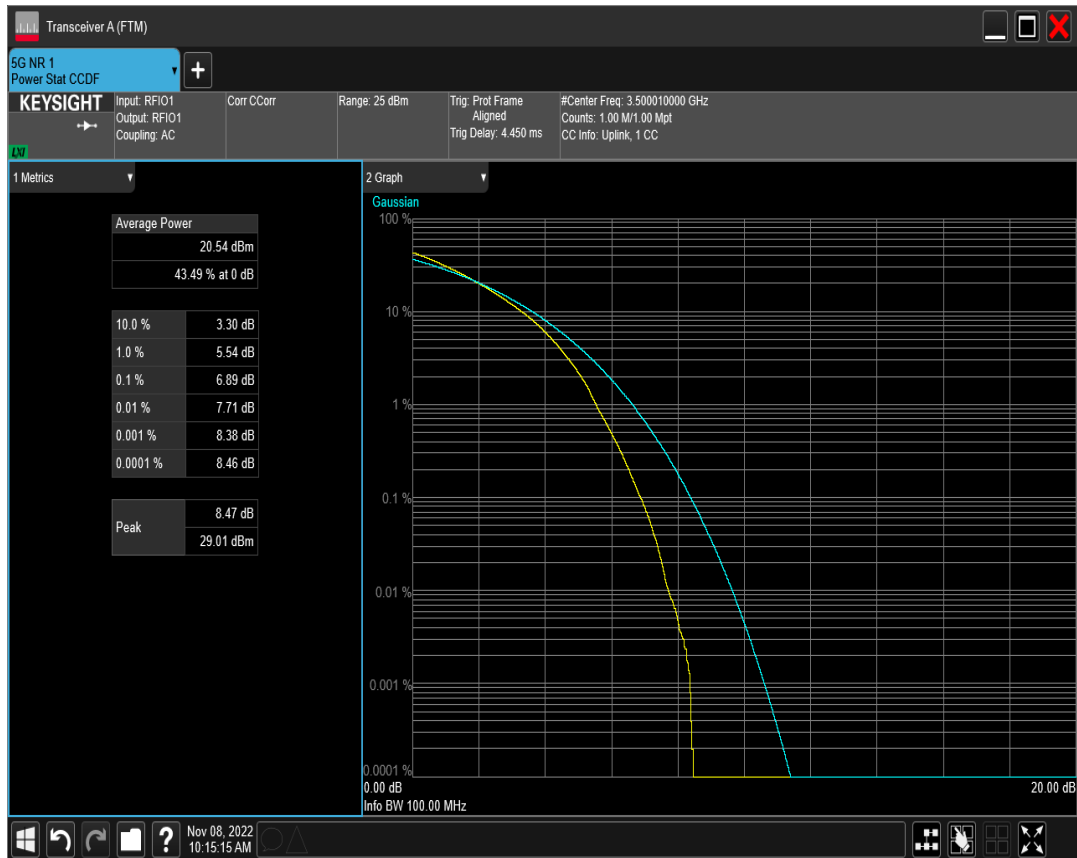
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=100MHz Channel=633334 RB=270@0



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



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



4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3450-3550)	30	10	630334	24@0	DFT_BPSK	8.610	9.200	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	8.610	9.160	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM16	8.610	9.190	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM64	8.610	9.170	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM256	8.640	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	8.610	9.210	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	8.650	9.210	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	8.620	9.190	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	8.610	9.240	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	8.620	9.210	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	8.620	9.220	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	8.610	9.200	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	8.610	9.160	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM16	8.610	9.180	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM64	8.610	9.190	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM256	8.640	9.180	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	8.620	9.220	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	13.570	13.750	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	13.510	13.740	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM16	13.510	13.730	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM64	13.530	13.770	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM256	13.510	13.690	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	13.640	14.440	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	13.570	13.730	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	13.530	13.740	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	13.560	13.700	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	13.520	13.720	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	13.640	14.450	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	13.500	13.710	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	13.510	13.730	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM16	13.520	13.720	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM64	13.520	13.740	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM256	13.520	13.720	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	13.640	14.460	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	18.160	18.960	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	18.170	18.940	PASS

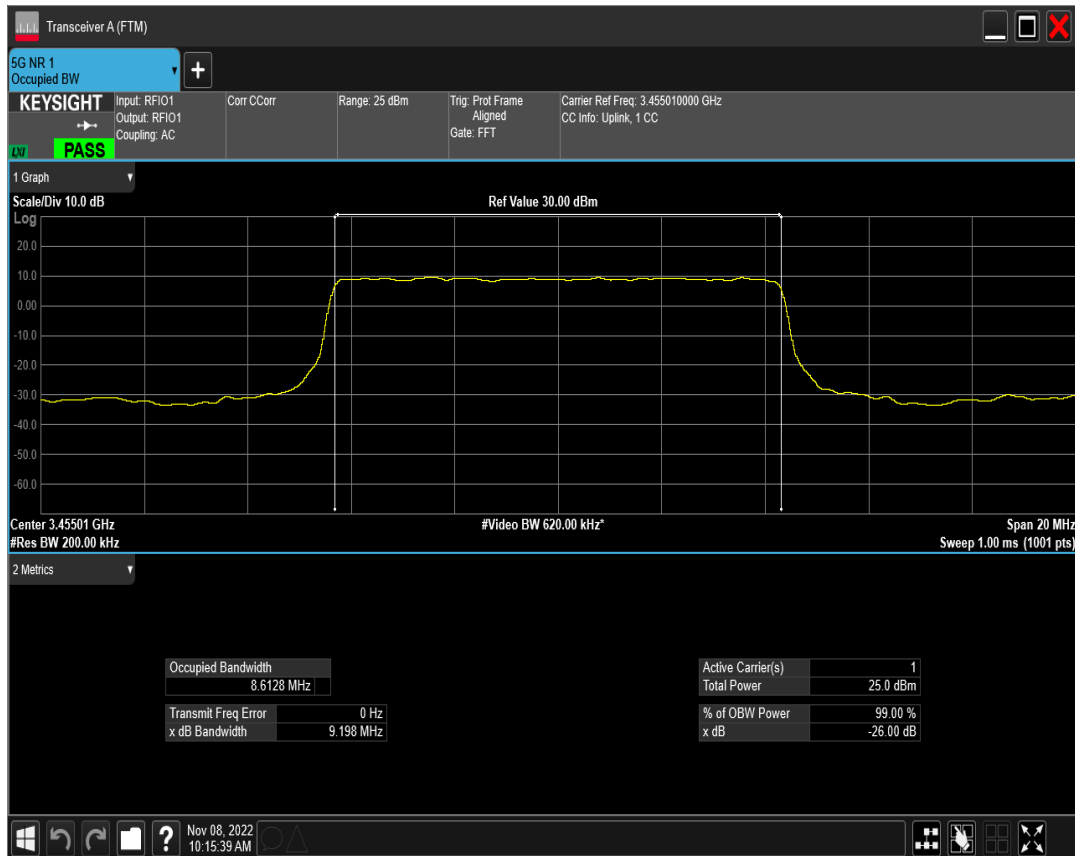
n77(3450-3550)	30	20	630668	50@0	DFT_QAM16	18.100	18.920	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM64	18.100	18.940	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM256	18.120	18.930	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	18.280	19.310	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	18.110	18.930	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	18.110	18.920	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	18.170	18.950	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	18.100	18.910	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	18.160	18.920	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	18.270	19.300	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	18.100	18.930	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	18.100	18.930	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM16	18.160	18.930	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM64	18.090	18.920	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM256	18.110	18.920	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	18.270	19.300	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_BPSK	27.730	28.480	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QPSK	27.630	28.430	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM16	27.750	28.460	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM64	27.740	28.440	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM256	27.770	28.460	PASS
n77(3450-3550)	30	30	631000	78@0	CP_QPSK	28.000	29.580	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	27.730	28.440	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	27.650	28.420	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	27.650	28.410	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	27.740	28.410	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	27.770	28.440	PASS
n77(3450-3550)	30	30	633334	78@0	CP_QPSK	27.980	29.540	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_BPSK	27.620	28.440	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QPSK	27.600	28.410	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM16	27.620	28.390	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM64	27.630	28.410	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM256	27.630	28.420	PASS
n77(3450-3550)	30	30	635666	78@0	CP_QPSK	27.960	29.510	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	37.620	37.900	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	37.650	37.890	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM16	37.650	37.900	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM64	37.650	37.890	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM256	37.610	37.870	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	38.080	40.110	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	37.630	37.850	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	37.620	37.850	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	37.640	37.860	PASS

n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	37.630	37.880	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	37.510	37.840	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	37.980	40.030	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	37.440	37.840	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	37.450	37.830	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM16	37.350	37.850	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM64	37.480	37.870	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM256	37.490	37.820	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	37.950	40.020	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	47.240	48.410	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	47.260	48.460	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM16	47.260	48.420	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM64	47.210	48.400	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM256	47.220	48.380	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	47.670	50.290	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	47.060	48.340	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	47.240	48.370	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	47.220	48.370	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	47.050	48.320	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	47.040	48.310	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	47.660	50.230	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	47.210	48.370	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	47.250	48.360	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM16	47.080	48.350	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM64	47.060	48.330	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM256	47.210	48.360	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	47.660	50.230	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	57.930	60.980	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	57.950	61.000	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM16	57.940	60.990	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM64	57.950	60.960	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM256	57.950	61.000	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	57.960	61.050	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	57.940	60.930	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	58.080	60.970	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	58.080	60.980	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	57.960	60.950	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	58.080	60.970	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	58.090	61.030	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	58.080	60.990	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	58.110	61.010	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM16	58.100	61.000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM64	58.100	60.980	PASS

n77(3450-3550)	30	60	634666	162@0	DFT_QAM256	58.100	61.000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	58.110	61.040	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	77.510	81.390	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	77.530	81.410	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM16	77.540	81.370	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM64	77.500	81.330	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM256	77.550	81.370	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	77.850	81.810	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	77.480	81.370	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	77.500	81.360	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	77.460	81.330	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	77.460	81.310	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	77.520	81.360	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	77.270	81.320	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	77.240	81.290	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM16	77.240	81.270	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM64	77.270	81.300	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM256	77.240	81.260	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	77.590	81.730	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_BPSK	86.890	90.580	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QPSK	86.870	90.530	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM16	86.890	90.520	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM64	86.890	90.540	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM256	86.910	90.470	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	87.860	92.330	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	86.840	90.530	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	86.860	90.550	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	86.860	90.470	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	86.850	90.520	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	86.870	90.460	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	87.660	92.300	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_BPSK	86.810	90.540	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QPSK	86.830	90.500	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM16	86.780	90.450	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM64	86.820	90.490	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM256	86.840	90.440	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	87.640	92.270	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	96.920	101.570	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	96.930	101.630	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	96.910	101.560	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	96.940	101.610	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	96.900	101.560	PASS

n77(3450-3550)	30	100	633334	273@0	CP_QPSK	97.680	102.730	PASS
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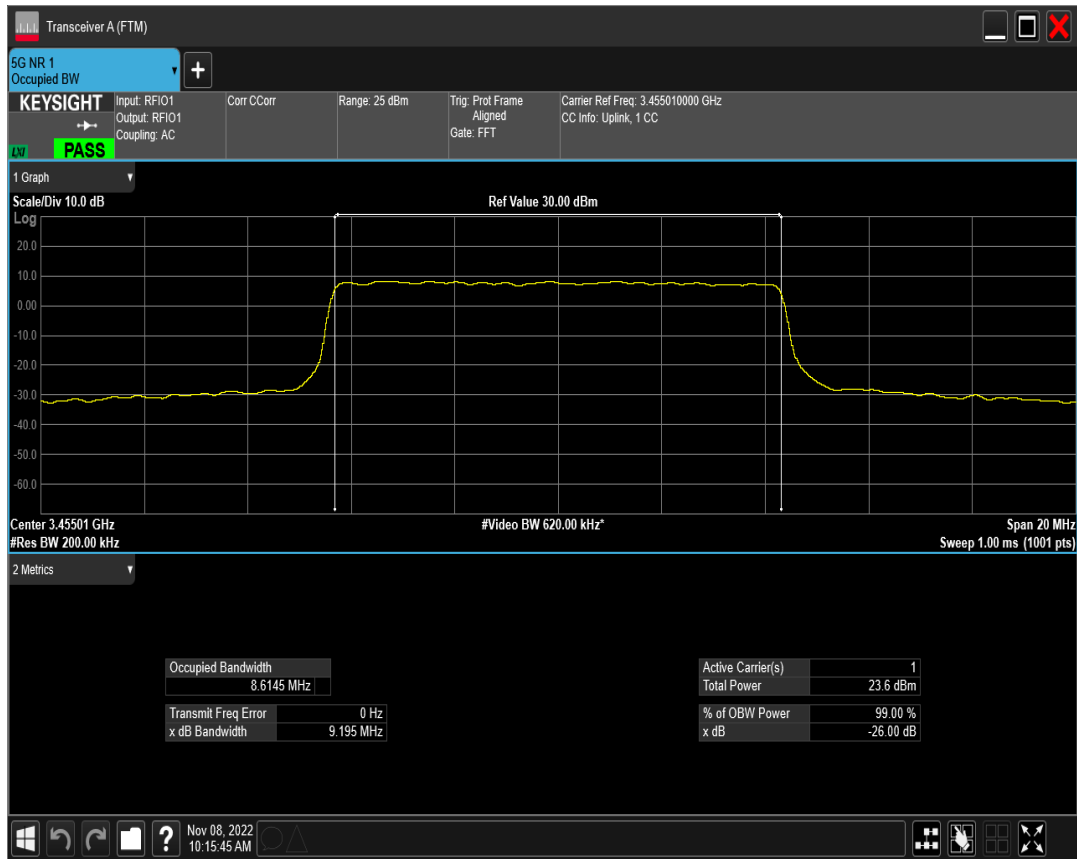
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n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=630334 RB=24@0



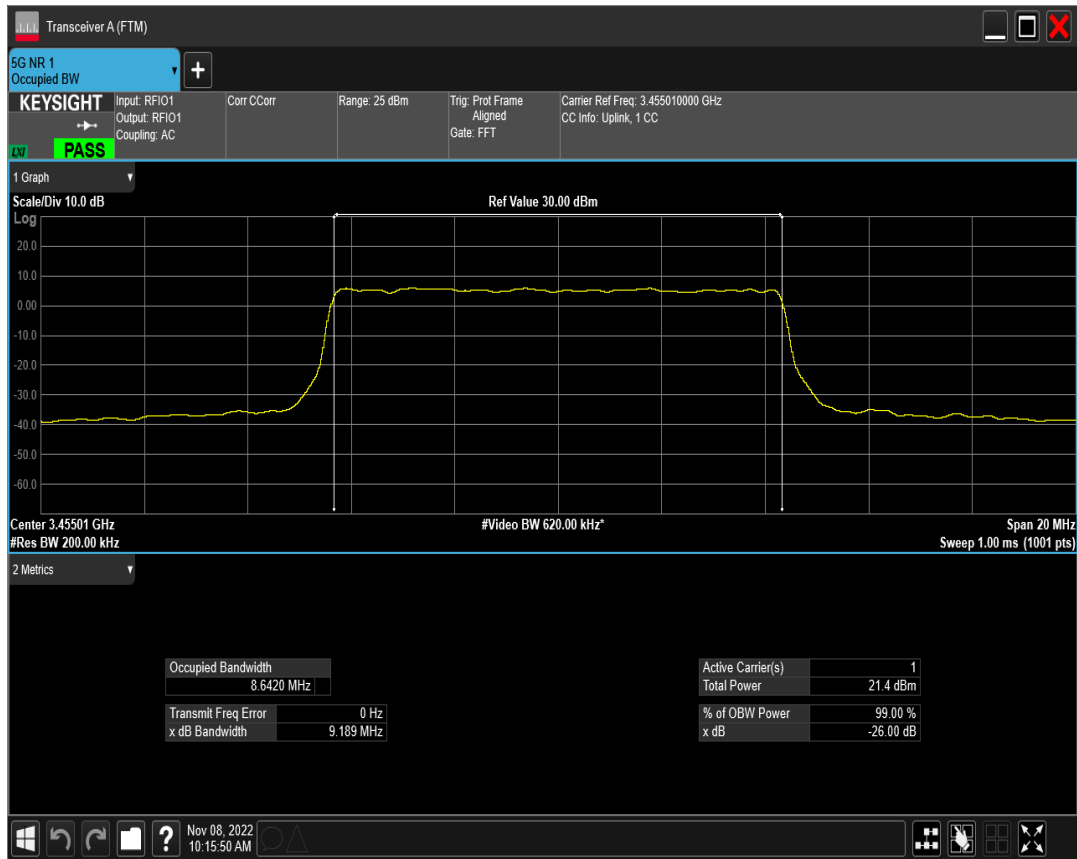
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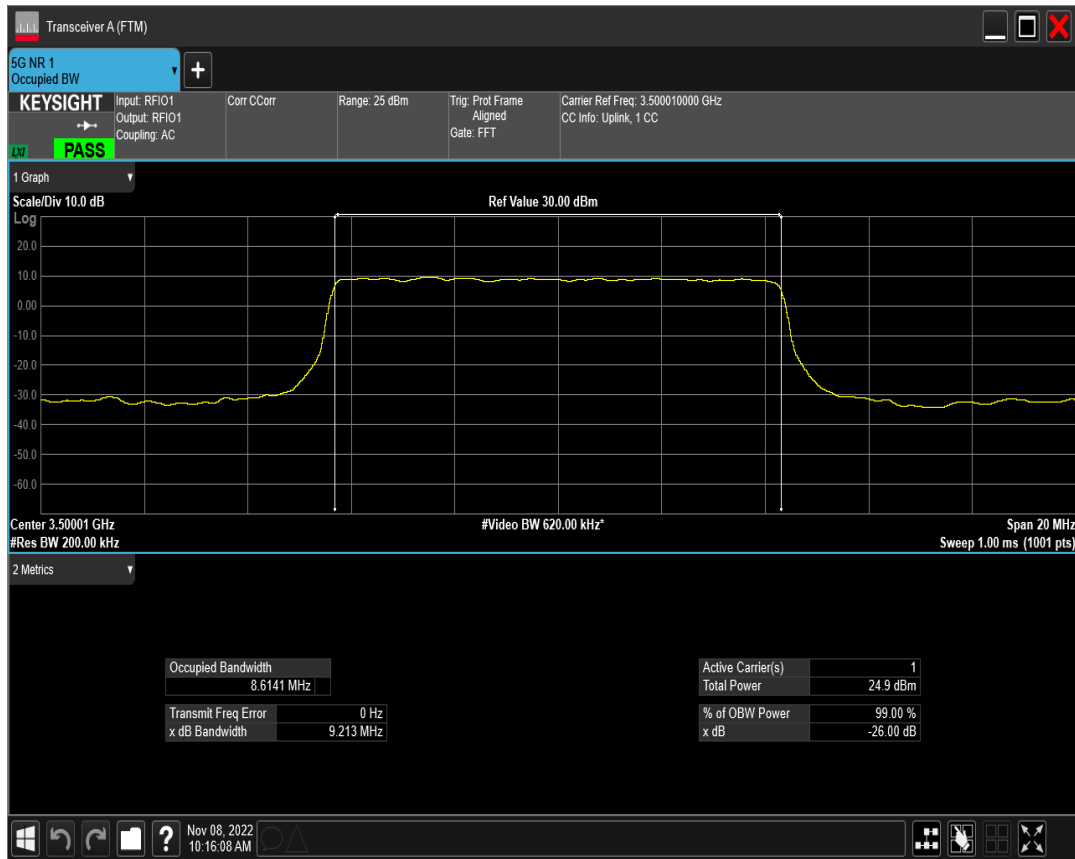
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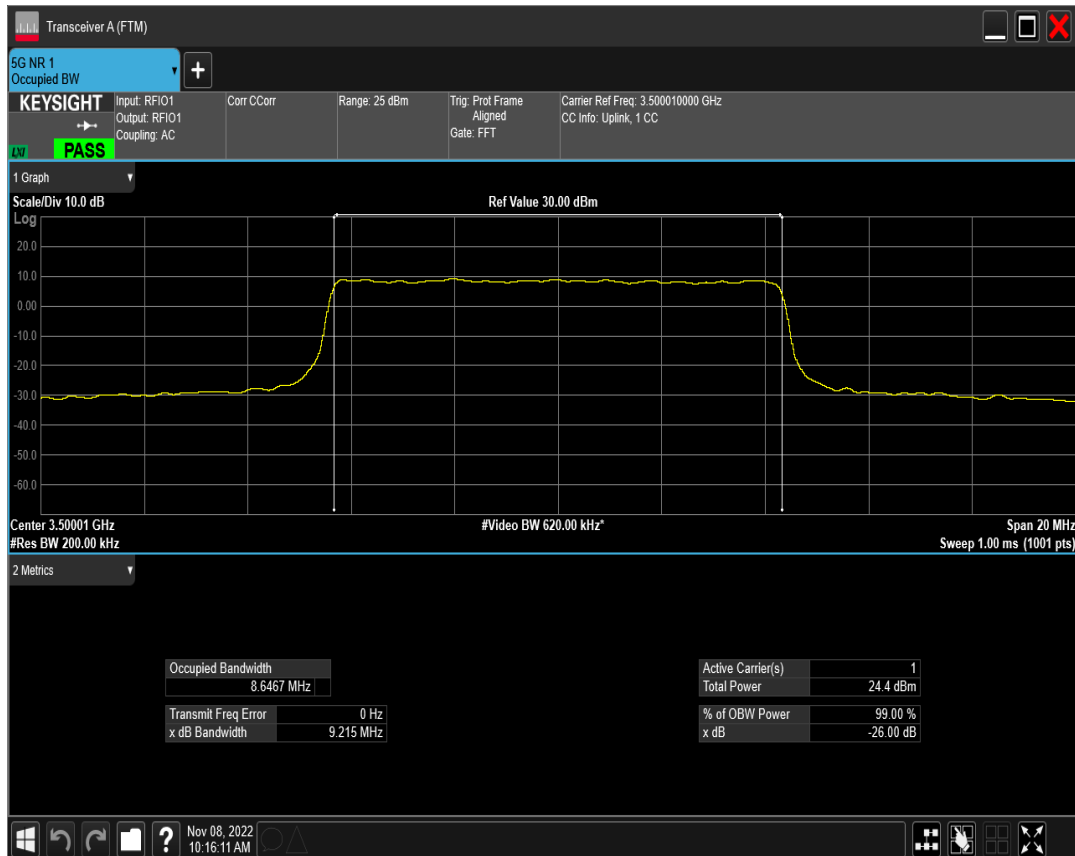
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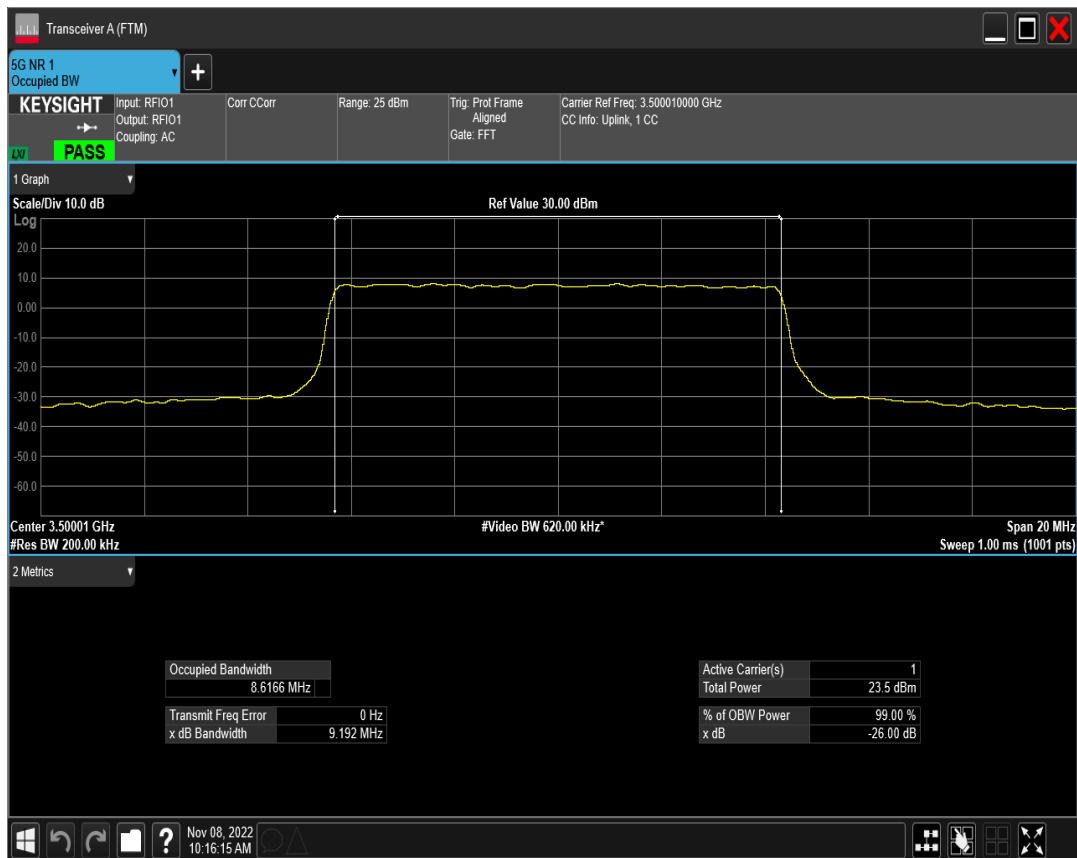
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n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



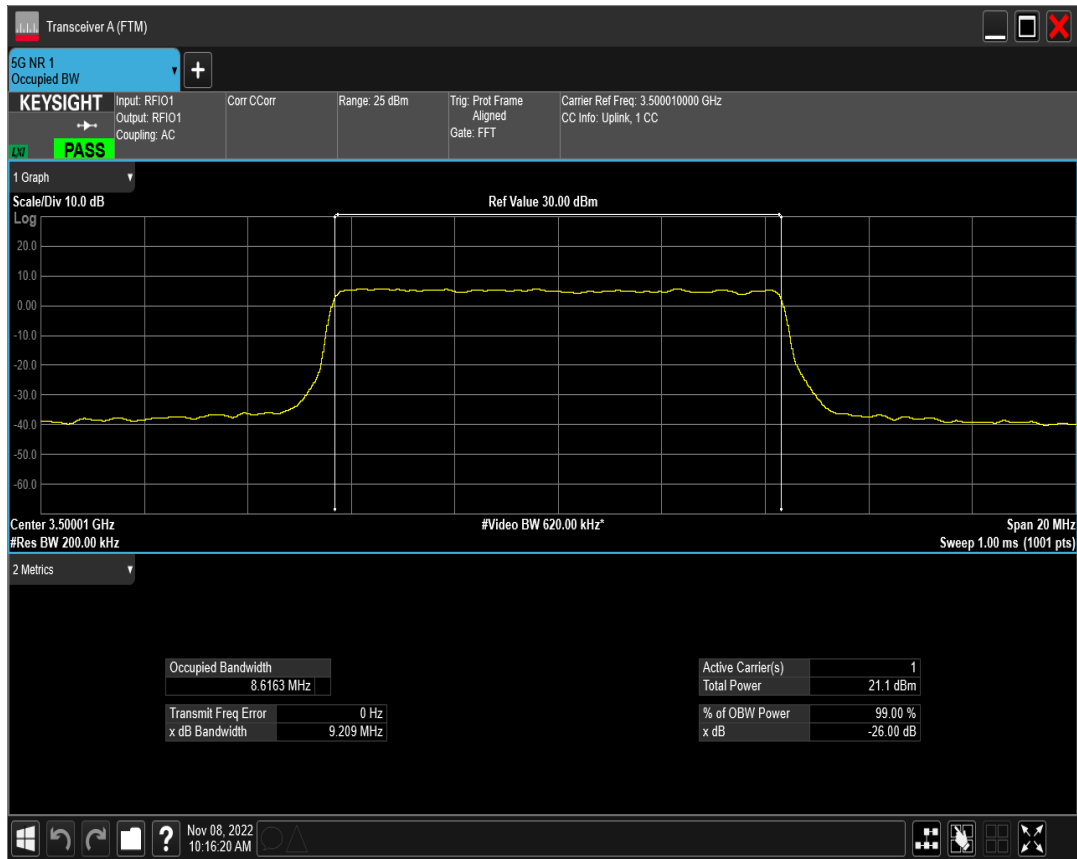
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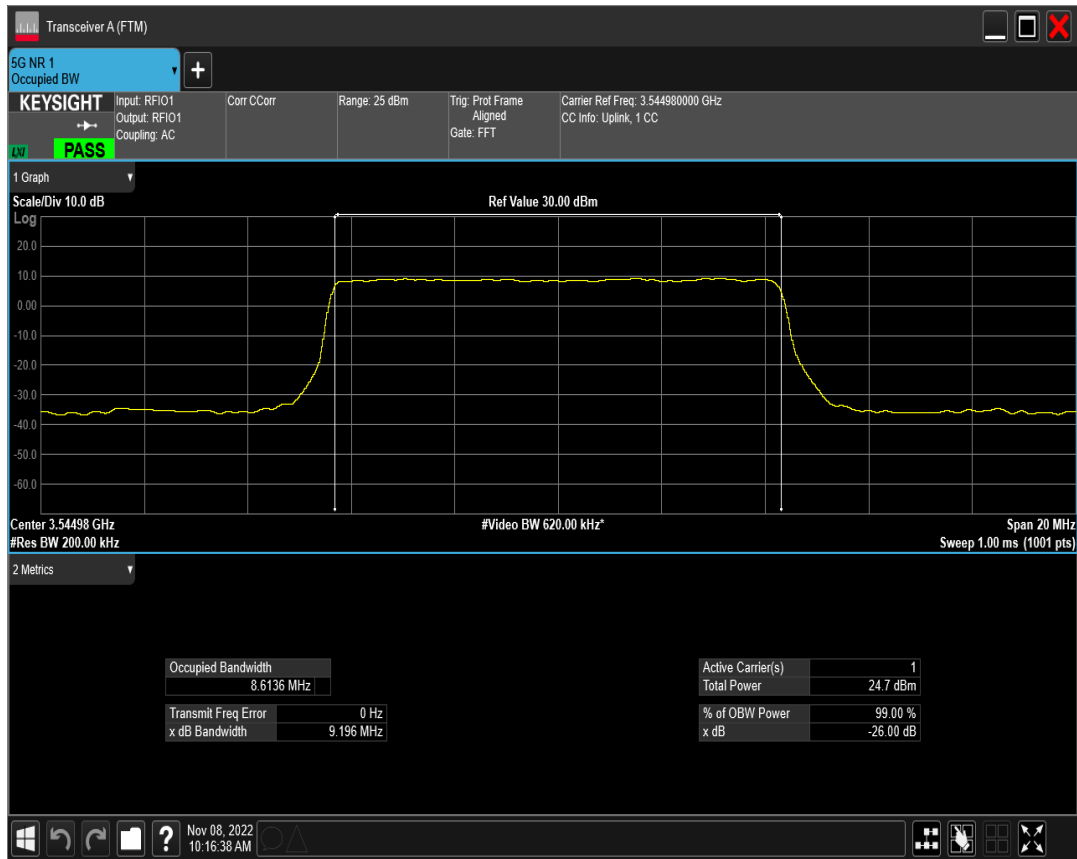
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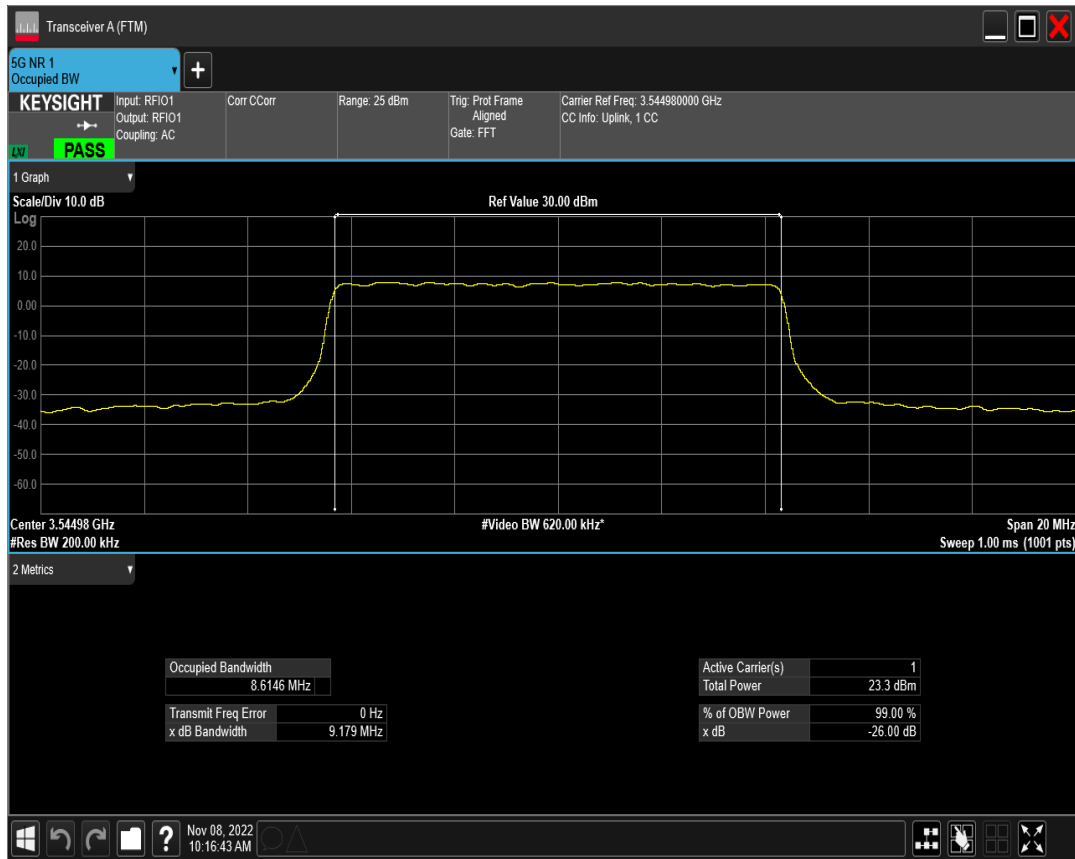
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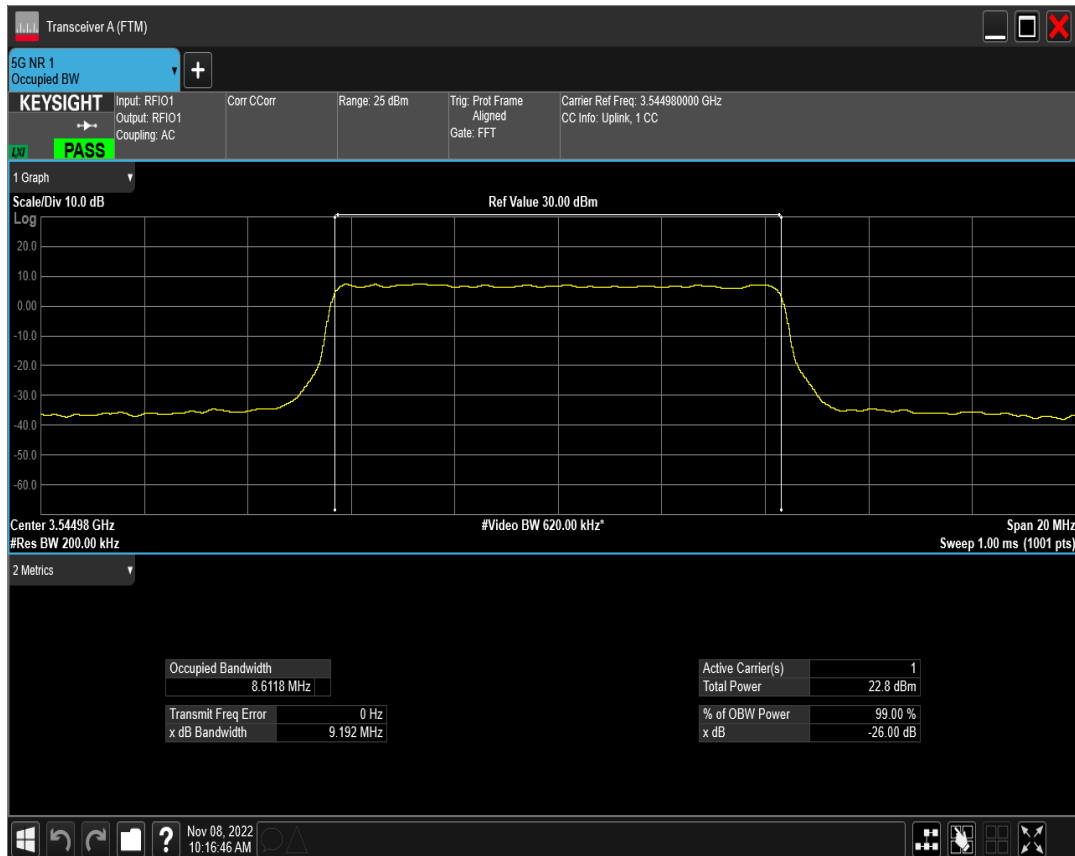
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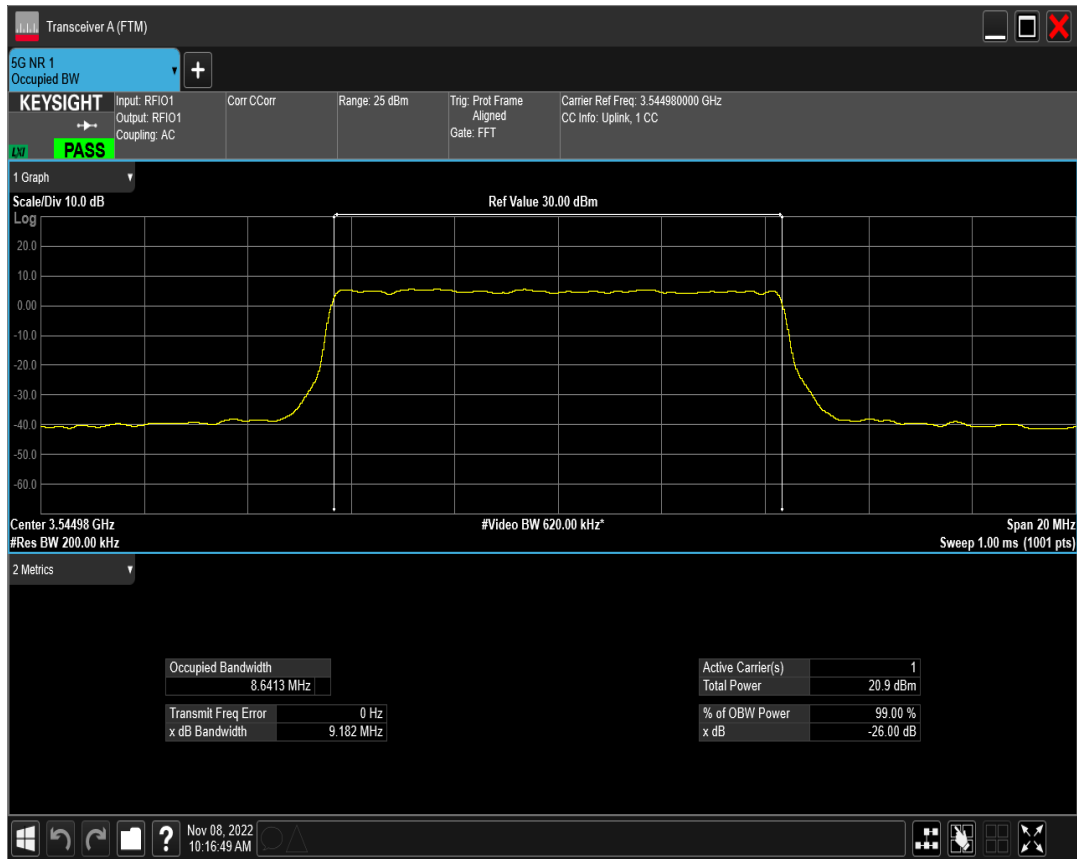
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n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=636332 RB=24@0



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



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



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



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



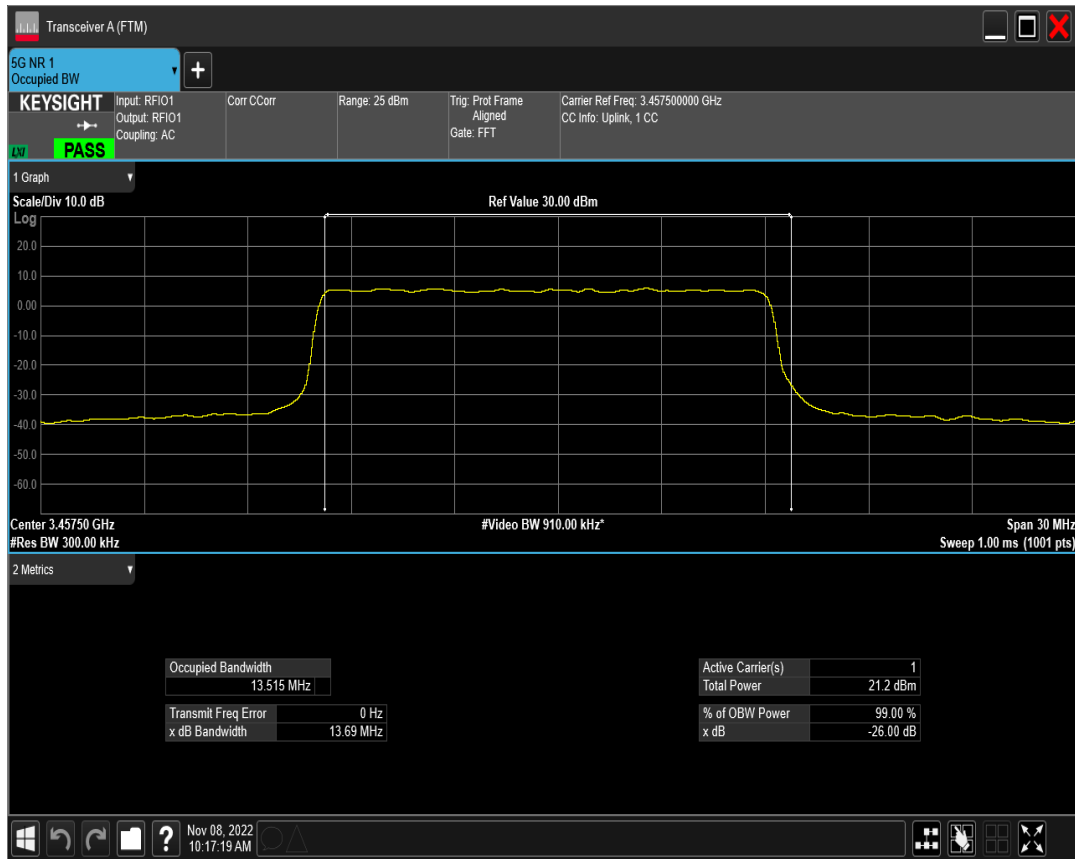
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n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=630500 RB=36@0



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



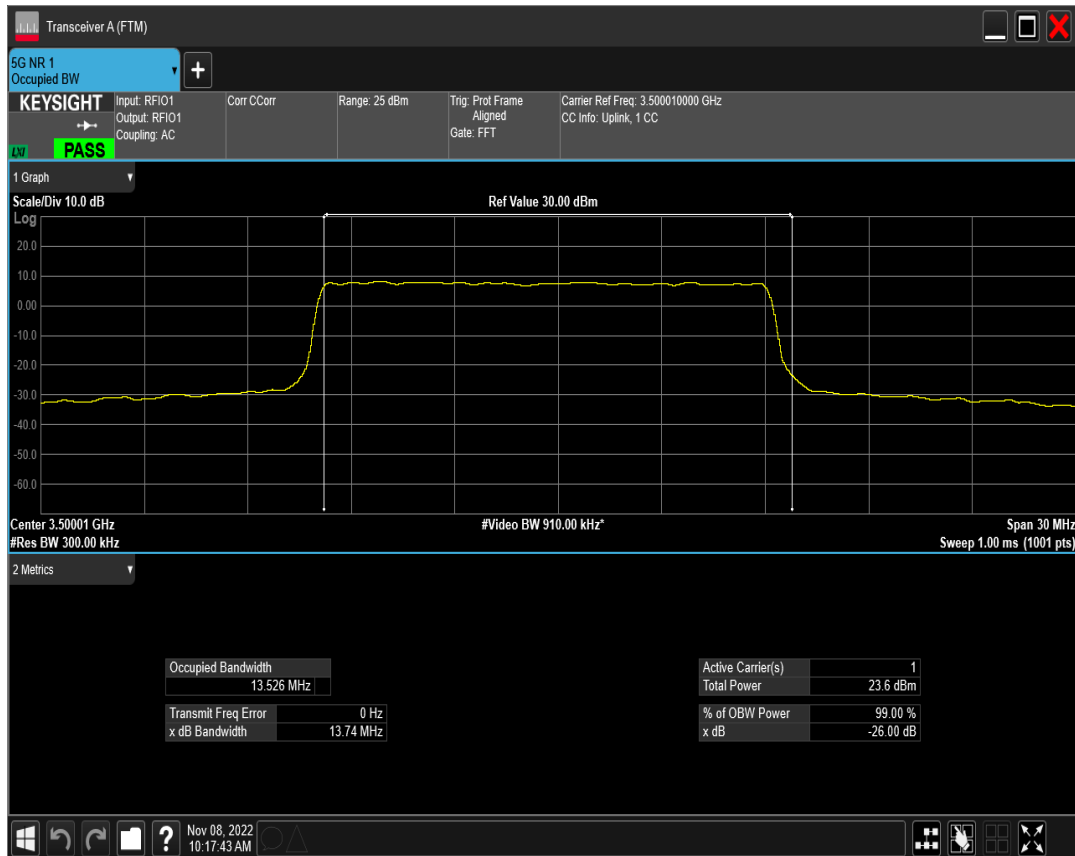
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n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36@0



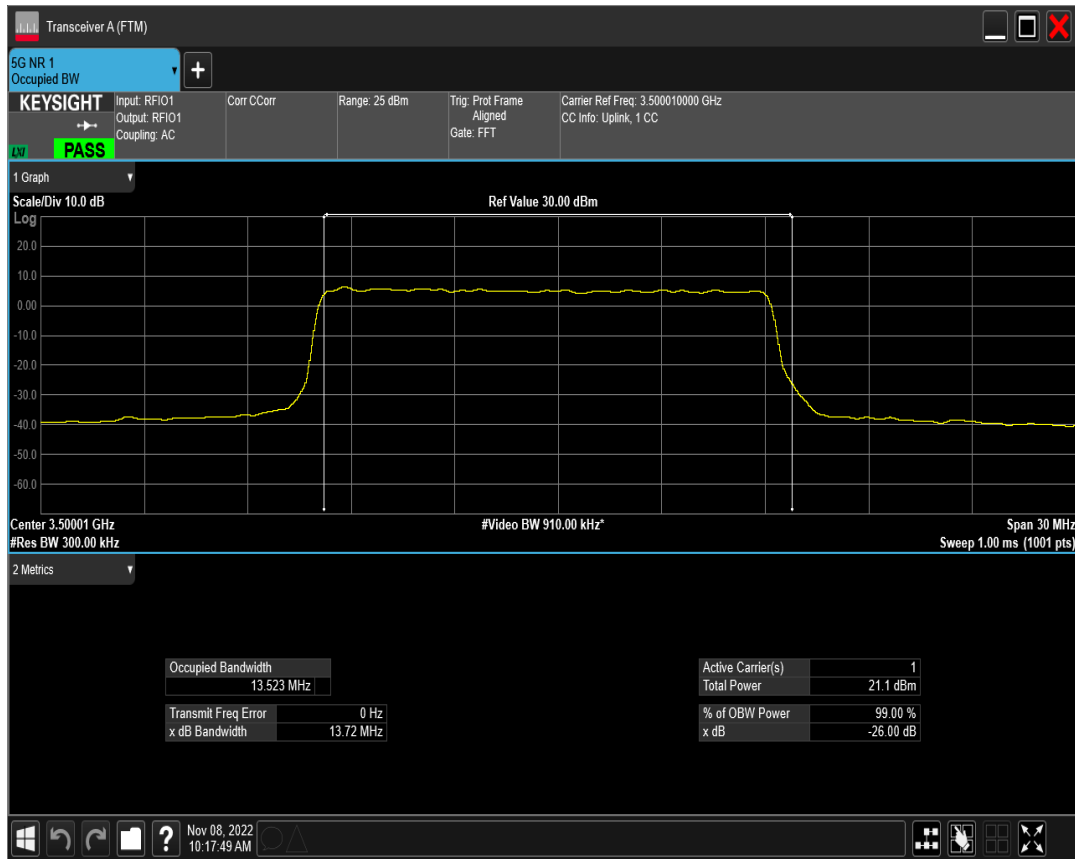
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=633334 RB=36@0



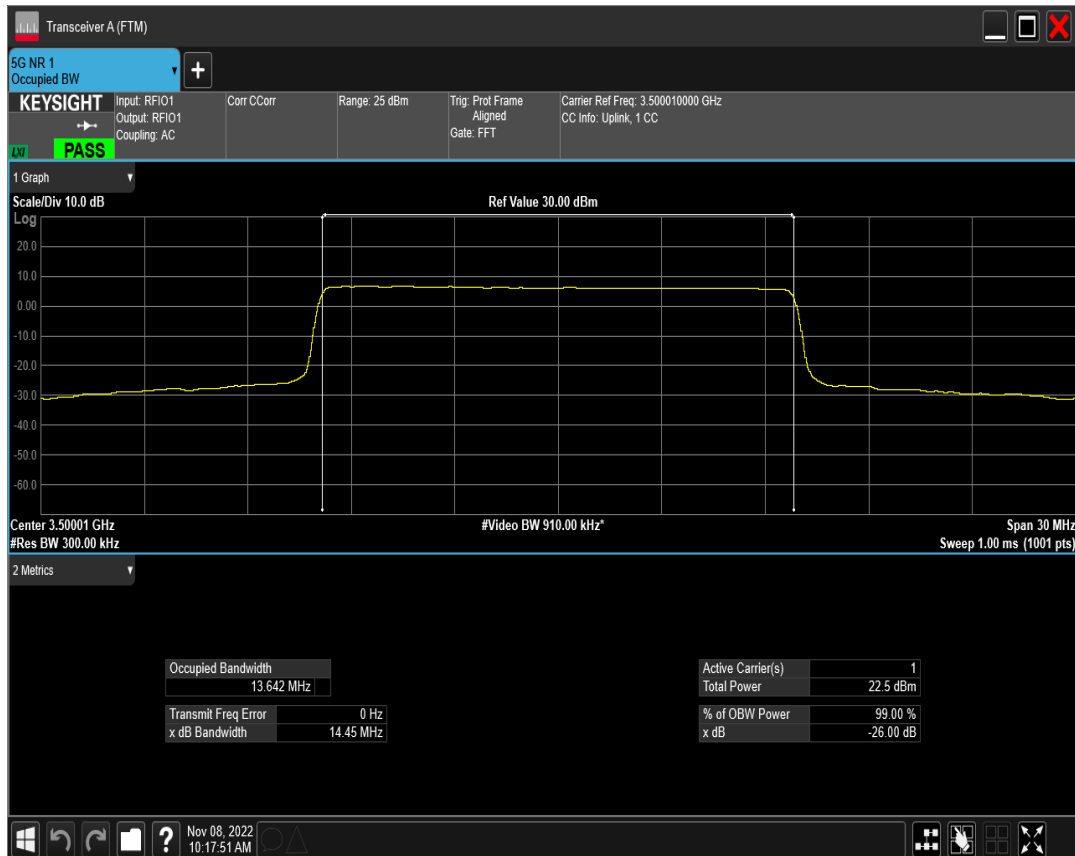
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=633334 RB=36@0



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



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



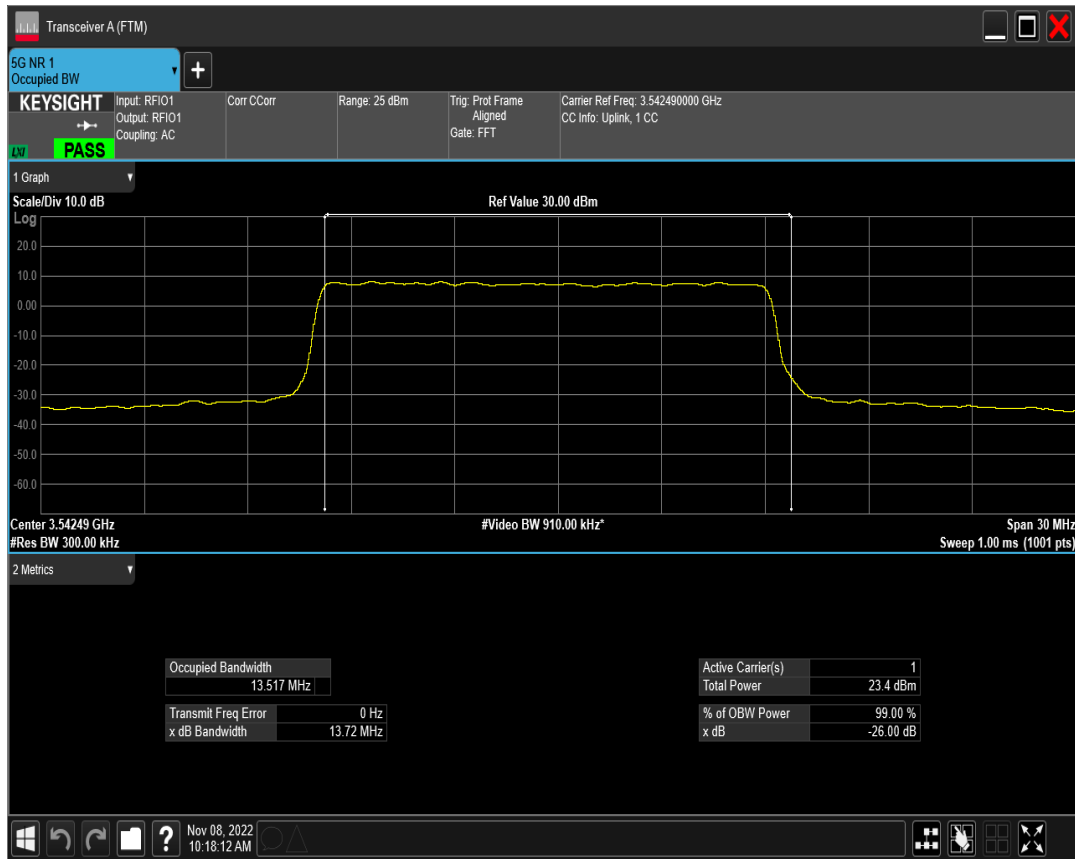
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=636166 RB=36@0



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



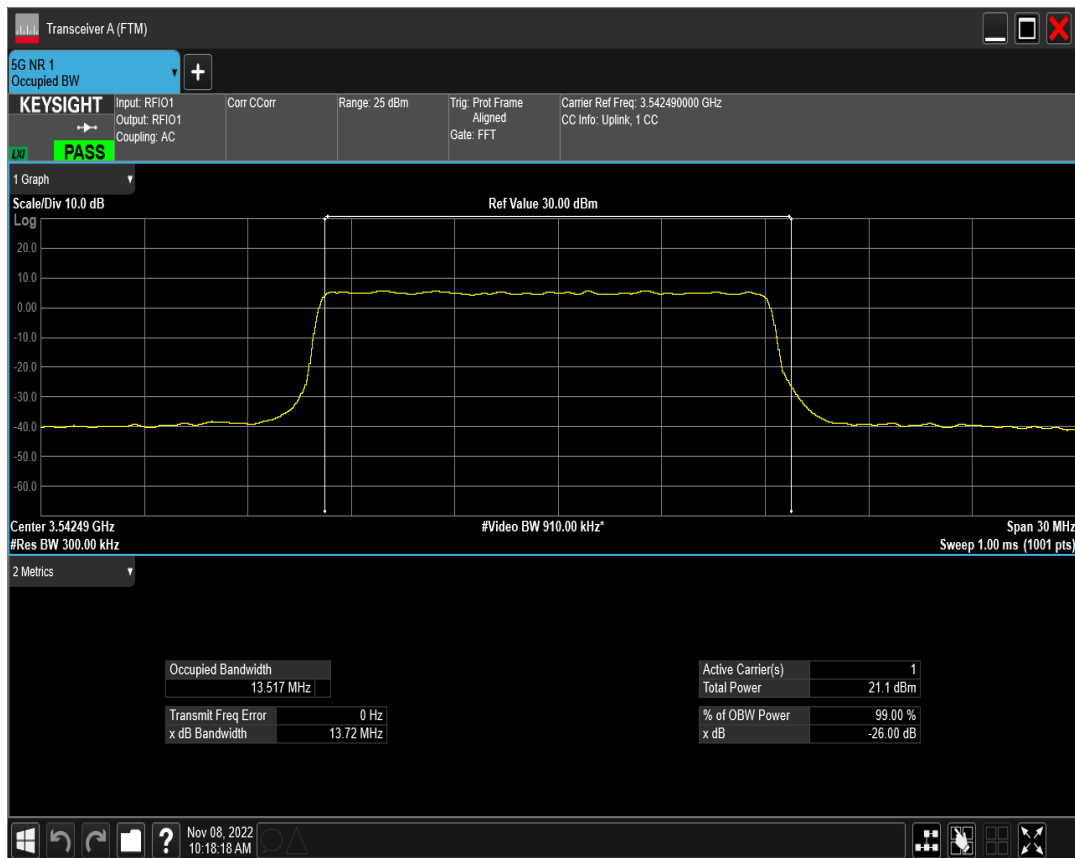
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=636166 RB=36@0



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



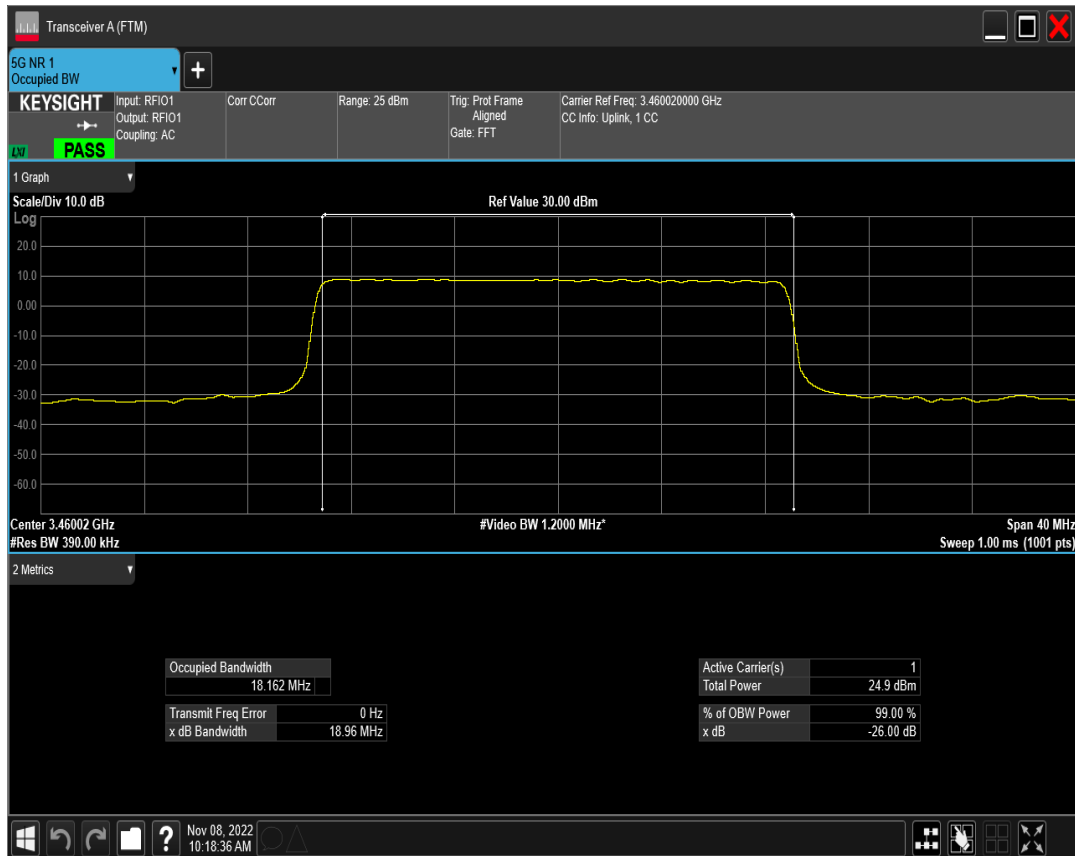
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=636166 RB=36@0



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



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



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



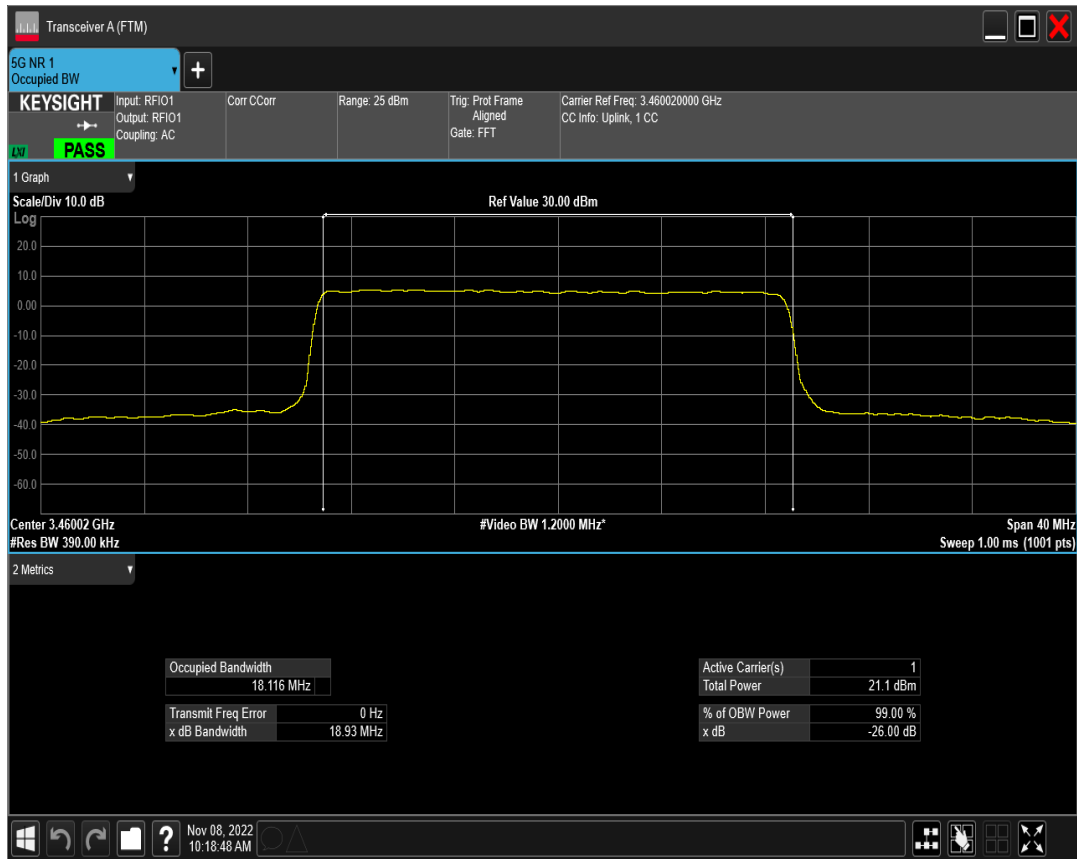
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n77(3450-3550) SCS=30kHz DFT_QAM64 BW=20MHz Channel=630668 RB=50@0



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



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



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



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



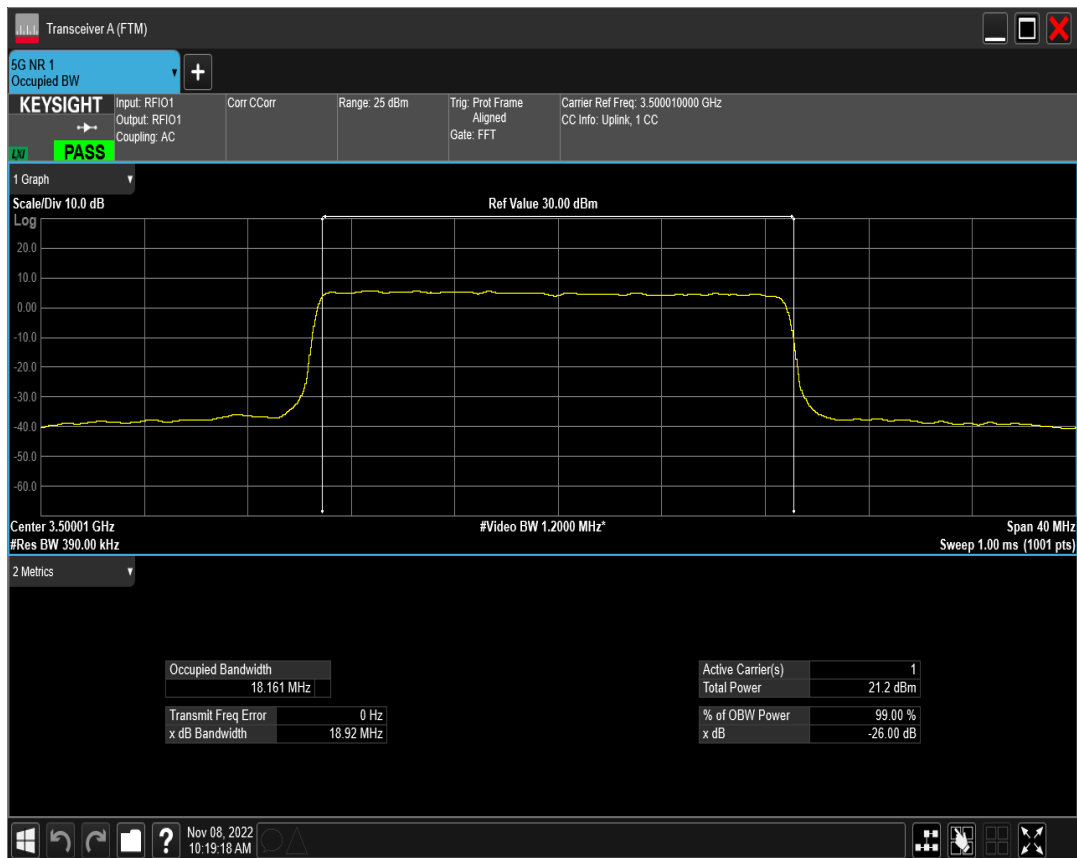
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=633334 RB=50@0



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



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



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



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



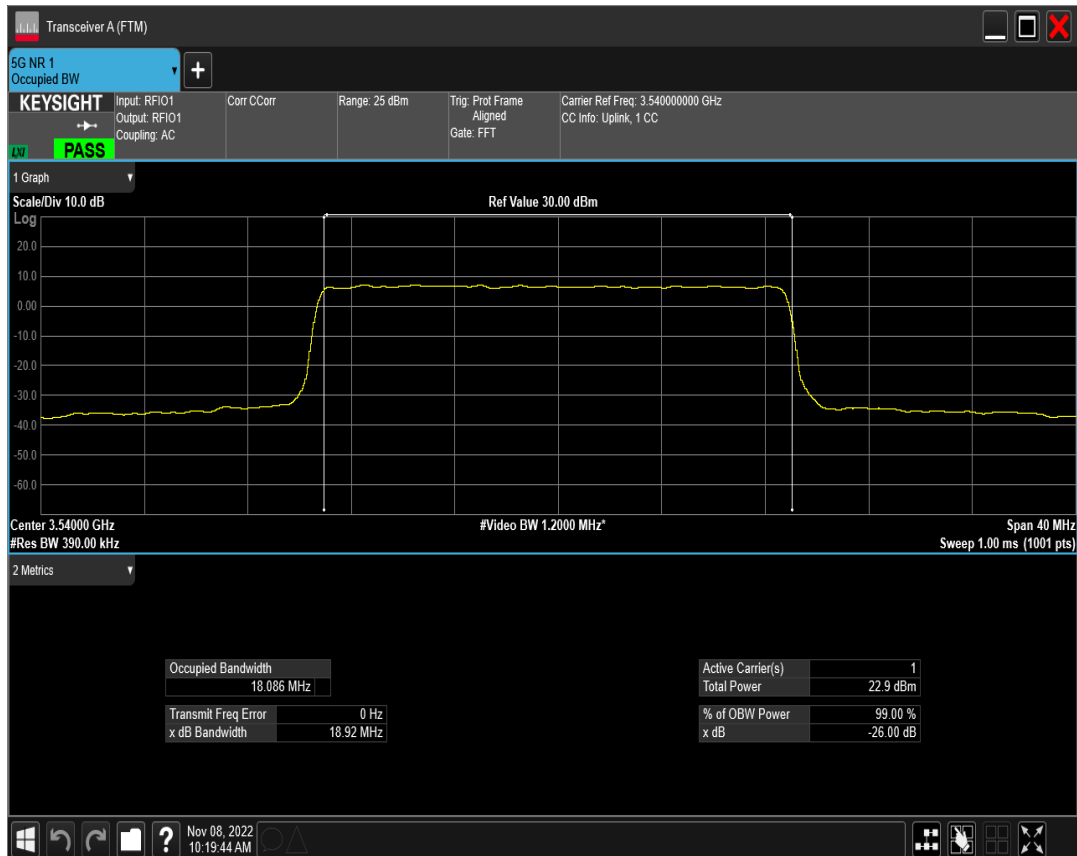
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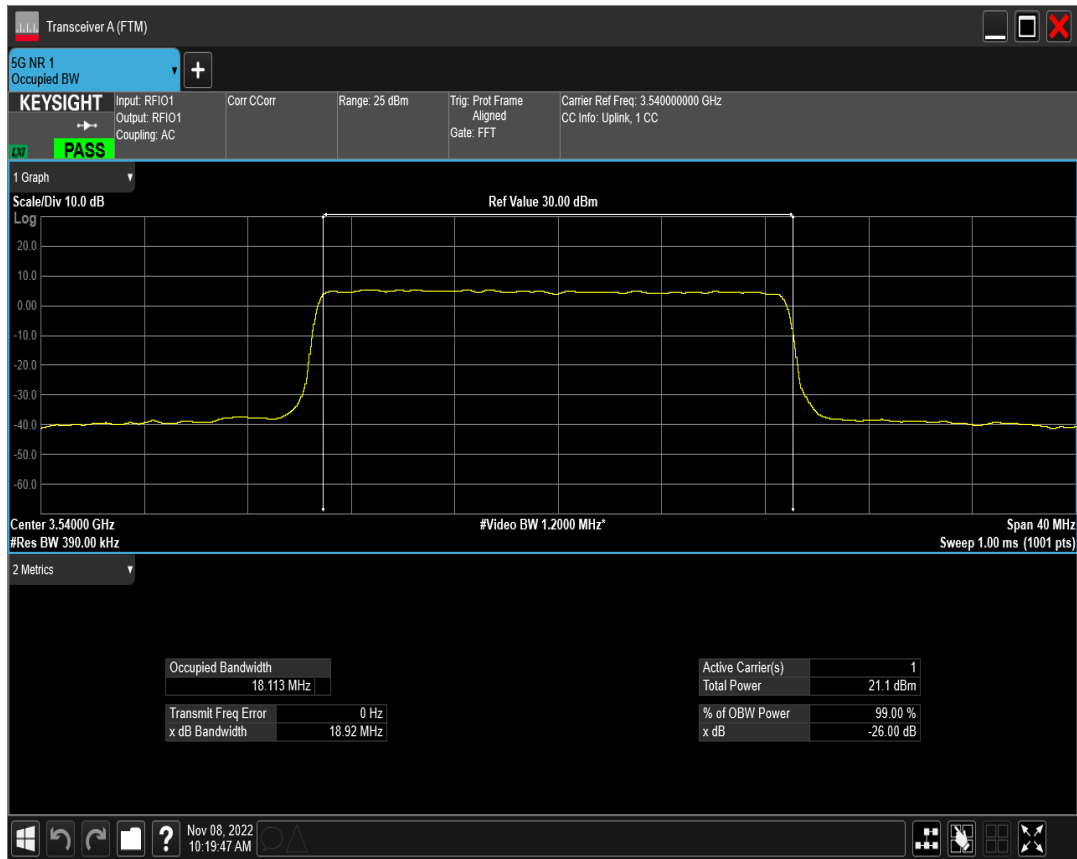
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=636000 RB=50@0



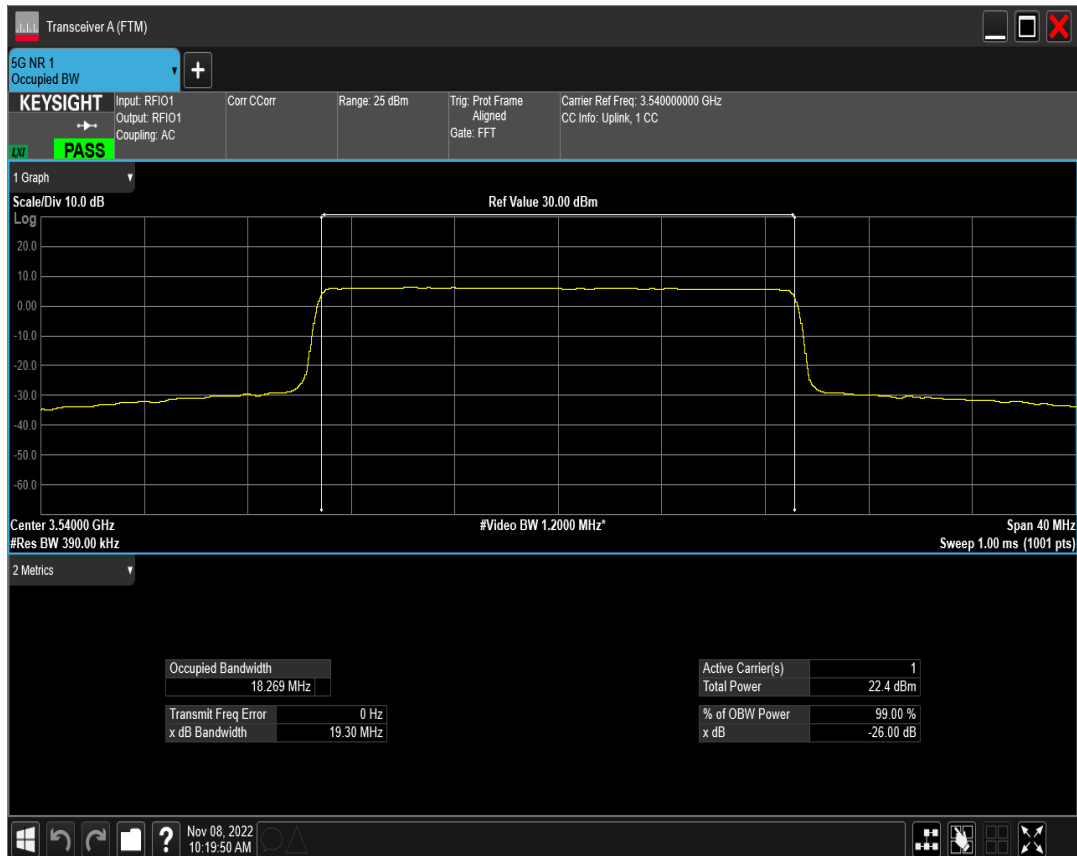
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=20MHz Channel=636000 RB=50@0



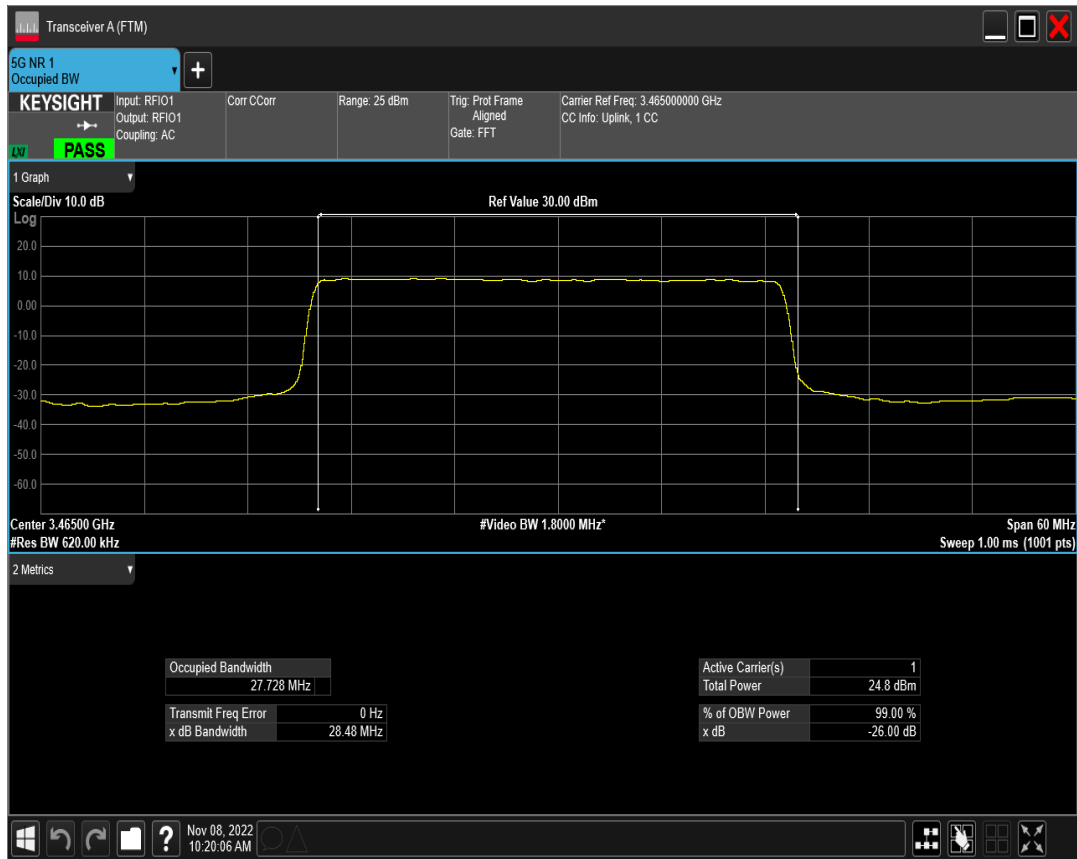
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=636000 RB=50@0



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



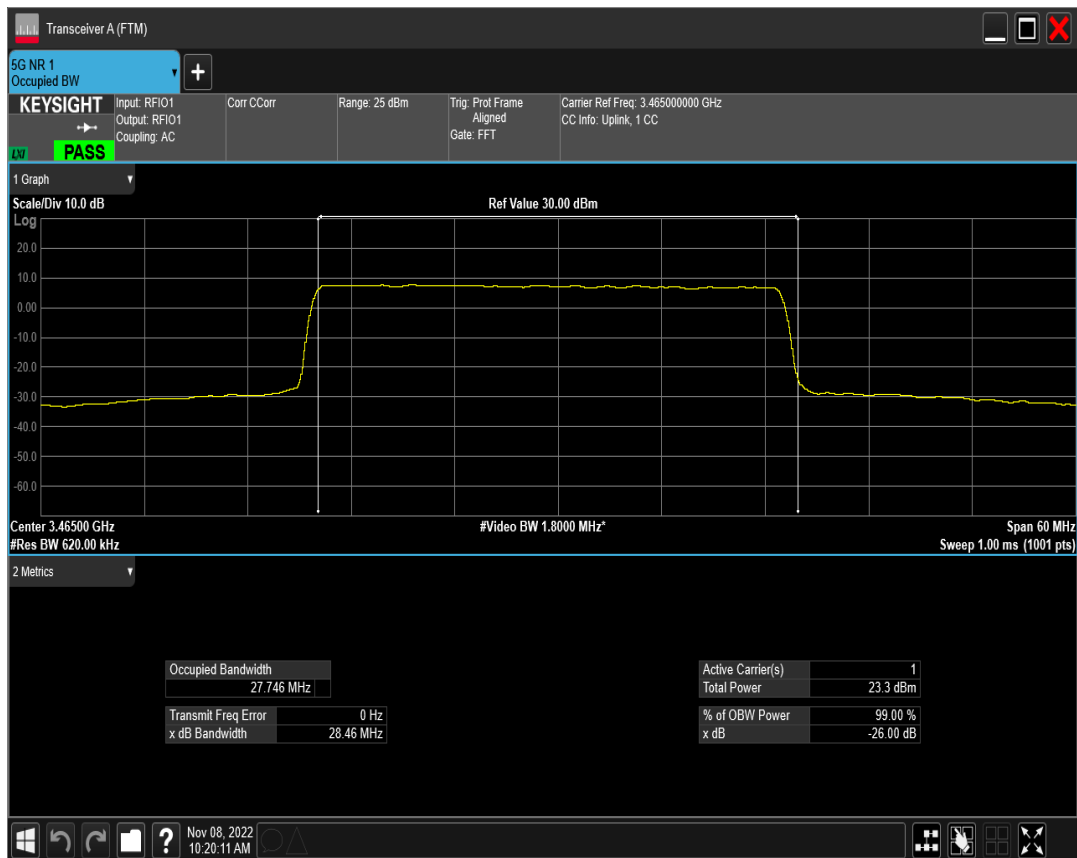
n77(3450-3550) SCS=30kHz DFT_BPSK BW=30MHz Channel=631000 RB=75@0



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



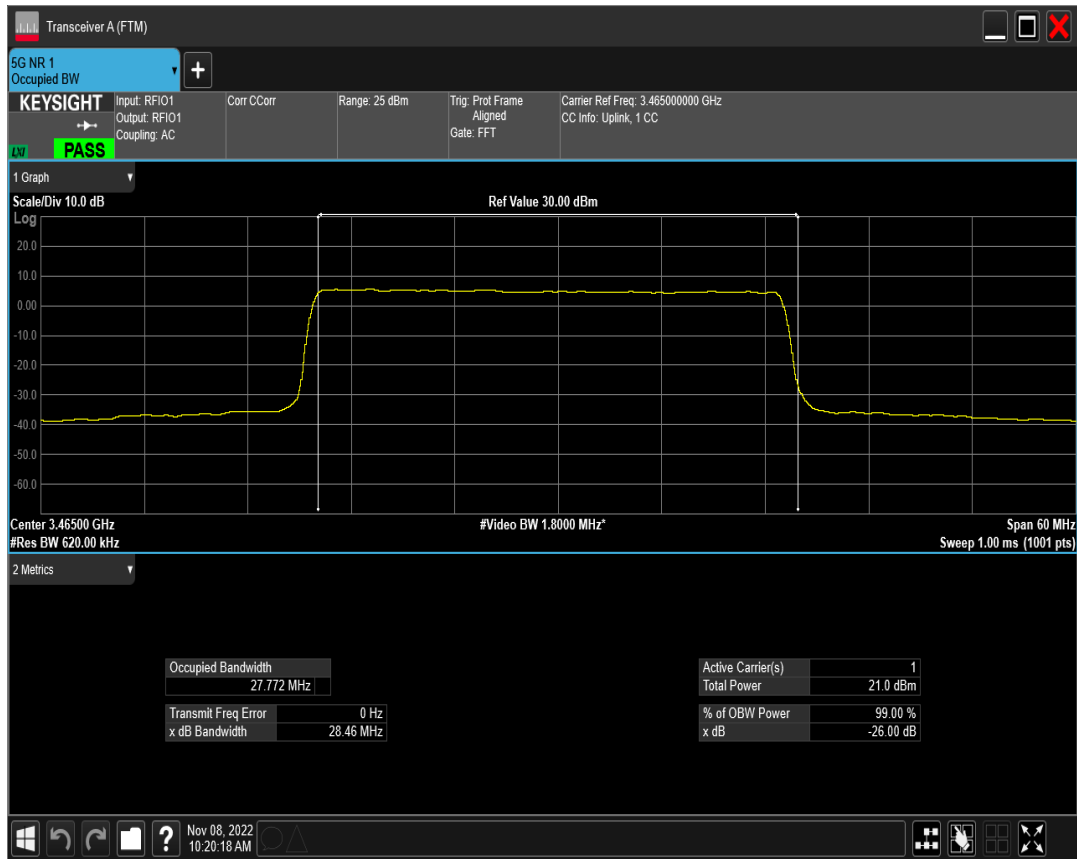
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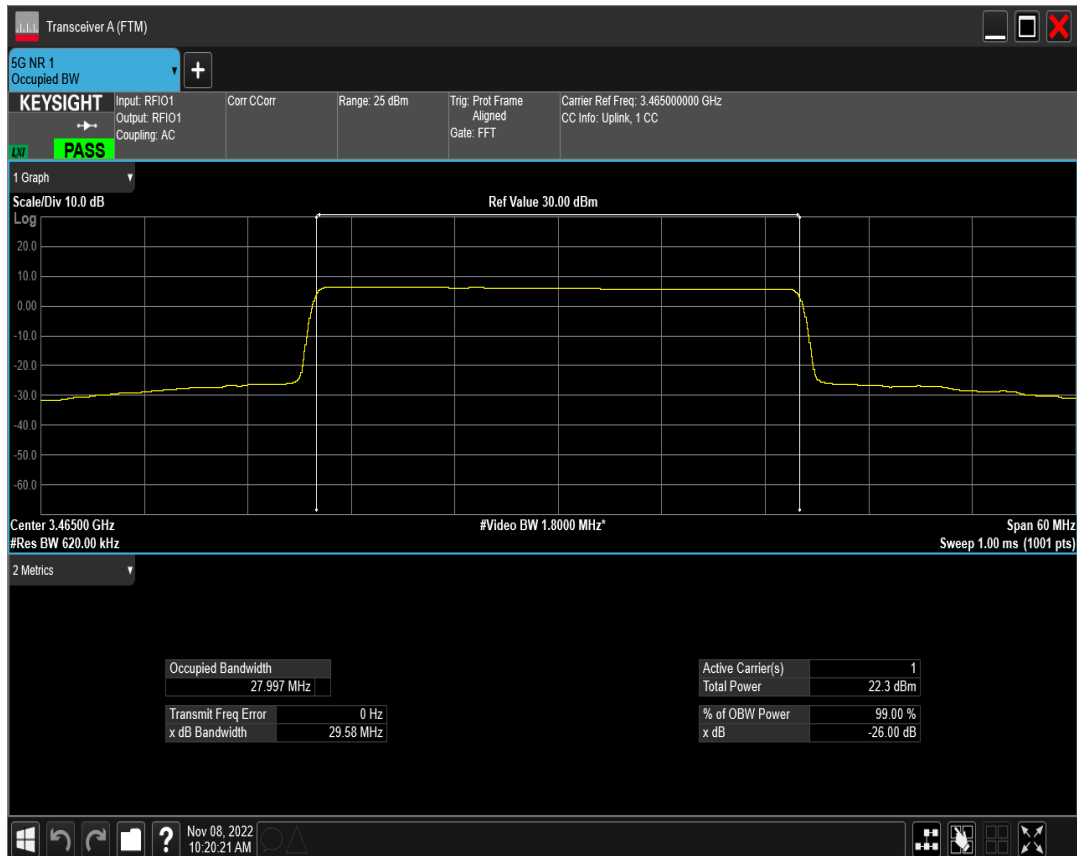
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=30MHz Channel=631000 RB=75@0



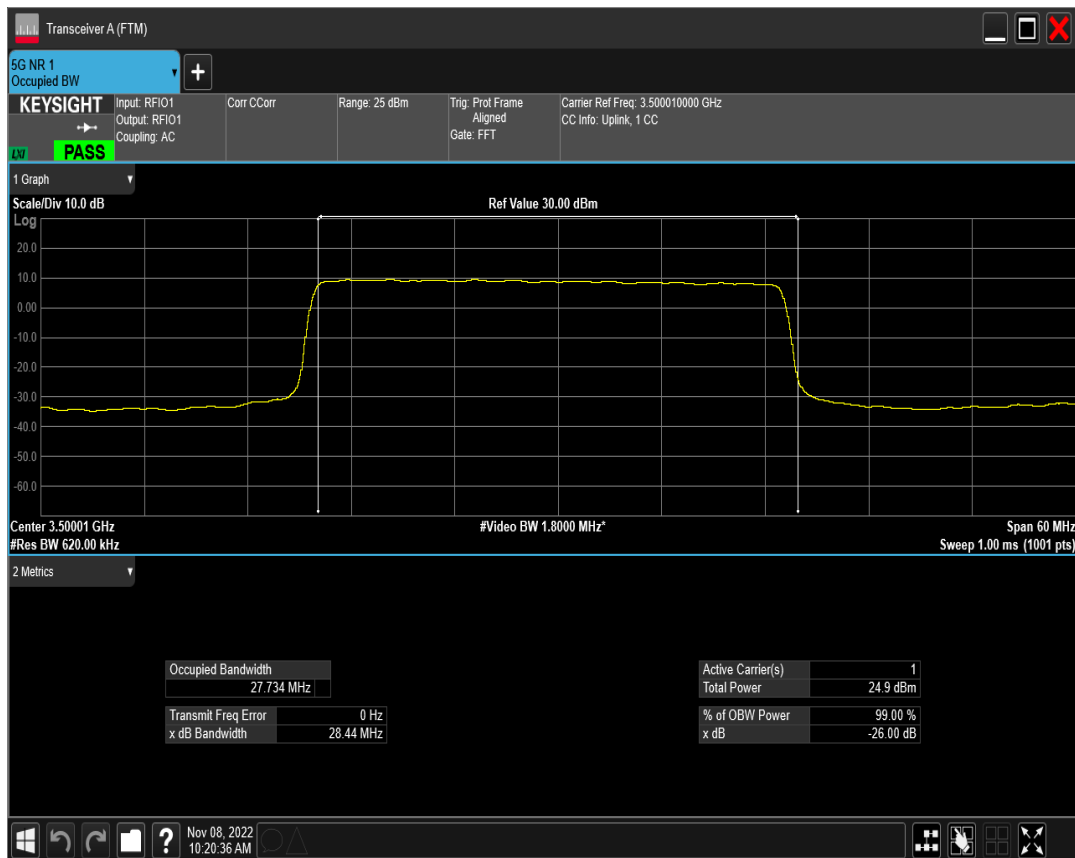
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=30MHz Channel=631000 RB=75@0



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



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

