1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Conducted Power (dBm)	Gain (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	27.78	-3.56	24.22	30.00	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	27.57	-3.56	24.01	30.00	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	27.58	-3.56	24.02	30.00	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_BPSK	26.67	-3.56	23.11	30.00	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	27.7	-3.56	24.14	30.00	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	27.54	-3.56	23.98	30.00	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	27.54	-3.56	23.98	30.00	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	26.69	-3.56	23.13	30.00	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM16	26.75	-3.56	23.19	30.00	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM16	26.71	-3.56	23.15	30.00	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM16	27.11	-3.56	23.55	30.00	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM16	25.73	-3.56	22.17	30.00	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM64	25.35	-3.56	21.79	30.00	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM64	25.62	-3.56	22.06	30.00	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM64	25.47	-3.56	21.91	30.00	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM64	25.39	-3.56	21.83	30.00	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM256	23.15	-3.56	19.59	30.00	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM256	23.37	-3.56	19.81	30.00	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM256	23.23	-3.56	19.67	30.00	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM256	23.35	-3.56	19.79	30.00	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	26.15	-3.56	22.59	30.00	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	26.18	-3.56	22.62	30.00	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	26.17	-3.56	22.61	30.00	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	24.74	-3.56	21.18	30.00	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM16	25.7	-3.56	22.14	30.00	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM16	26.22	-3.56	22.66	30.00	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM16	26.22	-3.56	22.66	30.00	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QAM16	24.69	-3.56	21.13	30.00	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM64	24.28	-3.56	20.72	30.00	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM64	25.17	-3.56	21.61	30.00	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM64	24.94	-3.56	21.38	30.00	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QAM64	24.4	-3.56	20.84	30.00	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM256	21.35	-3.56	17.79	30.00	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM256	21.43	-3.56	17.87	30.00	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM256	21.51	-3.56	17.95	30.00	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QAM256	21.28	-3.56	17.72	30.00	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	27.49	-3.56	23.93	30.00	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	27.56	-3.56	24	30.00	PASS

n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	27.38	-3.56	23.82	30.00	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	27.01	-3.56	23.45	30.00	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	27.51	-3.56	23.95	30.00	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	27.46	-3.56	23.9	30.00	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	27.34	-3.56	23.78	30.00	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	26.48	-3.56	22.92	30.00	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM16	26.47	-3.56	22.91	30.00	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM16	26.85	-3.56	23.29	30.00	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM16	26.4	-3.56	22.84	30.00	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	25.61	-3.56	22.05	30.00	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM64	25.14	-3.56	21.58	30.00	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM64	24.98	-3.56	21.42	30.00	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM64	24.86	-3.56	21.3	30.00	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	25.05	-3.56	21.49	30.00	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM256	22.93	-3.56	19.37	30.00	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM256	23.31	-3.56	19.75	30.00	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM256	22.87	-3.56	19.31	30.00	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	23.08	-3.56	19.52	30.00	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	25.86	-3.56	22.3	30.00	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	25.96	-3.56	22.4	30.00	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	25.94	-3.56	22.38	30.00	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	24.4	-3.56	20.84	30.00	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM16	25.48	-3.56	21.92	30.00	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM16	26.08	-3.56	22.52	30.00	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM16	25.89	-3.56	22.33	30.00	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QAM16	24.53	-3.56	20.97	30.00	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM64	24.05	-3.56	20.49	30.00	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM64	24.84	-3.56	21.28	30.00	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM64	24.87	-3.56	21.31	30.00	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QAM64	24.13	-3.56	20.57	30.00	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM256	21.19	-3.56	17.63	30.00	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM256	21.56	-3.56	18	30.00	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM256	21.31	-3.56	17.75	30.00	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QAM256	21.25	-3.56	17.69	30.00	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	27.25	-3.56	23.69	30.00	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	27.17	-3.56	23.61	30.00	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	27.21	-3.56	23.65	30.00	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	26.7	-3.56	23.14	30.00	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	27.22	-3.56	23.66	30.00	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	27.09	-3.56	23.53	30.00	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	27.13	-3.56	23.57	30.00	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	26.18	-3.56	22.62	30.00	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM16	26.16	-3.56	22.6	30.00	PASS

n77(3450-3550)	30	10	636332	1@1	DFT_QAM16	26.21	-3.56	22.65	30.00	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM16	26.16	-3.56	22.6	30.00	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM16	25.21	-3.56	21.65	30.00	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM64	24.85	-3.56	21.29	30.00	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM64	24.66	-3.56	21.1	30.00	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM64	24.6	-3.56	21.04	30.00	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM64	24.86	-3.56	21.3	30.00	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM256	22.83	-3.56	19.27	30.00	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM256	22.89	-3.56	19.33	30.00	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM256	22.89	-3.56	19.33	30.00	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM256	22.88	-3.56	19.32	30.00	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	25.61	-3.56	22.05	30.00	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	25.73	-3.56	22.17	30.00	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	25.63	-3.56	22.07	30.00	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	24.18	-3.56	20.62	30.00	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM16	25.17	-3.56	21.61	30.00	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM16	25.4	-3.56	21.84	30.00	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM16	25.35	-3.56	21.79	30.00	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QAM16	24.23	-3.56	20.67	30.00	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM64	23.81	-3.56	20.25	30.00	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM64	24.63	-3.56	21.07	30.00	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM64	24.4	-3.56	20.84	30.00	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QAM64	23.76	-3.56	20.2	30.00	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM256	20.78	-3.56	17.22	30.00	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM256	20.94	-3.56	17.38	30.00	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM256	20.99	-3.56	17.43	30.00	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QAM256	20.85	-3.56	17.29	30.00	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	27.8	-3.56	24.24	30.00	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	27.62	-3.56	24.06	30.00	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	27.67	-3.56	24.11	30.00	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	27.3	-3.56	23.74	30.00	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	27.76	-3.56	24.2	30.00	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	27.57	-3.56	24.01	30.00	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	27.62	-3.56	24.06	30.00	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	26.74	-3.56	23.18	30.00	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM16	26.88	-3.56	23.32	30.00	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM16	26.9	-3.56	23.34	30.00	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM16	26.91	-3.56	23.35	30.00	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM16	25.91	-3.56	22.35	30.00	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM64	25.48	-3.56	21.92	30.00	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM64	25.12	-3.56	21.56	30.00	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM64	25.08	-3.56	21.52	30.00	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM64	25.38	-3.56	21.82	30.00	PASS

n77(3450-3550)	30	15	630500	18@9	DFT_QAM256	23.31	-3.56	19.75	30.00	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM256	23.37	-3.56	19.81	30.00	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM256	23.22	-3.56	19.66	30.00	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM256	23.31	-3.56	19.75	30.00	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	26.39	-3.56	22.83	30.00	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	26.13	-3.56	22.57	30.00	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	26.23	-3.56	22.67	30.00	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	24.86	-3.56	21.3	30.00	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM16	25.93	-3.56	22.37	30.00	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM16	26.21	-3.56	22.65	30.00	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM16	26.23	-3.56	22.67	30.00	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QAM16	24.85	-3.56	21.29	30.00	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM64	24.58	-3.56	21.02	30.00	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM64	24.38	-3.56	20.82	30.00	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM64	24.73	-3.56	21.17	30.00	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QAM64	24.52	-3.56	20.96	30.00	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM256	21.4	-3.56	17.84	30.00	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM256	21.34	-3.56	17.78	30.00	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM256	21.42	-3.56	17.86	30.00	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QAM256	21.24	-3.56	17.68	30.00	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	27.5	-3.56	23.94	30.00	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	27.63	-3.56	24.07	30.00	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	27.4	-3.56	23.84	30.00	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	27.03	-3.56	23.47	30.00	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	27.43	-3.56	23.87	30.00	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	27.59	-3.56	24.03	30.00	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	27.32	-3.56	23.76	30.00	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	26.5	-3.56	22.94	30.00	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM16	26.63	-3.56	23.07	30.00	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM16	26.71	-3.56	23.15	30.00	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM16	26.43	-3.56	22.87	30.00	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	25.71	-3.56	22.15	30.00	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM64	25.01	-3.56	21.45	30.00	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM64	25.36	-3.56	21.8	30.00	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM64	25.1	-3.56	21.54	30.00	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	25.11	-3.56	21.55	30.00	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM256	23.12	-3.56	19.56	30.00	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM256	23.32	-3.56	19.76	30.00	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM256	23.04	-3.56	19.48	30.00	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	23.07	-3.56	19.51	30.00	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	26.06	-3.56	22.5	30.00	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	26.18	-3.56	22.62	30.00	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	25.85	-3.56	22.29	30.00	PASS

n77(3450-3550)	30	15	633334	38@0	CP_QPSK	24.48	-3.56	20.92	30.00	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM16	25.52	-3.56	21.96	30.00	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM16	26.17	-3.56	22.61	30.00	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM16	25.85	-3.56	22.29	30.00	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QAM16	24.54	-3.56	20.98	30.00	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM64	24.25	-3.56	20.69	30.00	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM64	25.12	-3.56	21.56	30.00	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM64	24.03	-3.56	20.47	30.00	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QAM64	24.18	-3.56	20.62	30.00	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM256	21.27	-3.56	17.71	30.00	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM256	21.21	-3.56	17.65	30.00	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM256	21.09	-3.56	17.53	30.00	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QAM256	21.16	-3.56	17.6	30.00	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	27.16	-3.56	23.6	30.00	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	27.21	-3.56	23.65	30.00	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	27.24	-3.56	23.68	30.00	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	26.71	-3.56	23.15	30.00	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	27.17	-3.56	23.61	30.00	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	27.23	-3.56	23.67	30.00	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	27.2	-3.56	23.64	30.00	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	26.26	-3.56	22.7	30.00	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM16	26.41	-3.56	22.85	30.00	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM16	26.36	-3.56	22.8	30.00	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM16	26.27	-3.56	22.71	30.00	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM16	25.33	-3.56	21.77	30.00	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM64	24.94	-3.56	21.38	30.00	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM64	24.66	-3.56	21.1	30.00	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM64	24.6	-3.56	21.04	30.00	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM64	24.93	-3.56	21.37	30.00	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM256	22.91	-3.56	19.35	30.00	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM256	22.83	-3.56	19.27	30.00	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM256	22.9	-3.56	19.34	30.00	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM256	22.82	-3.56	19.26	30.00	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	25.98	-3.56	22.42	30.00	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	25.82	-3.56	22.26	30.00	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	25.67	-3.56	22.11	30.00	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	24.29	-3.56	20.73	30.00	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM16	25.21	-3.56	21.65	30.00	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM16	25.58	-3.56	22.02	30.00	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM16	25.72	-3.56	22.16	30.00	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QAM16	24.33	-3.56	20.77	30.00	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM64	23.99	-3.56	20.43	30.00	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM64	23.93	-3.56	20.37	30.00	PASS

n77(3450-3550)	30	15	636166	1@36	CP_QAM64	24.64	-3.56	21.08	30.00	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QAM64	23.88	-3.56	20.32	30.00	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM256	20.89	-3.56	17.33	30.00	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM256	20.62	-3.56	17.06	30.00	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM256	20.94	-3.56	17.38	30.00	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QAM256	20.87	-3.56	17.31	30.00	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	27.81	-3.56	24.25	30.00	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	27.64	-3.56	24.08	30.00	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	27.63	-3.56	24.07	30.00	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	27.3	-3.56	23.74	30.00	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	27.78	-3.56	24.22	30.00	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	27.62	-3.56	24.06	30.00	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	27.6	-3.56	24.04	30.00	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	26.77	-3.56	23.21	30.00	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM16	26.87	-3.56	23.31	30.00	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM16	26.85	-3.56	23.29	30.00	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM16	26.87	-3.56	23.31	30.00	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM16	25.86	-3.56	22.3	30.00	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM64	25.35	-3.56	21.79	30.00	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM64	25.4	-3.56	21.84	30.00	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM64	25.08	-3.56	21.52	30.00	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM64	25.34	-3.56	21.78	30.00	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM256	23.32	-3.56	19.76	30.00	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM256	23.16	-3.56	19.6	30.00	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM256	23.28	-3.56	19.72	30.00	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM256	23.32	-3.56	19.76	30.00	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	26.41	-3.56	22.85	30.00	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	26.23	-3.56	22.67	30.00	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	26.16	-3.56	22.6	30.00	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	24.85	-3.56	21.29	30.00	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM16	25.97	-3.56	22.41	30.00	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM16	26.13	-3.56	22.57	30.00	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM16	25.64	-3.56	22.08	30.00	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QAM16	24.91	-3.56	21.35	30.00	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM64	24.53	-3.56	20.97	30.00	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM64	25.08	-3.56	21.52	30.00	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM64	24.38	-3.56	20.82	30.00	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QAM64	24.37	-3.56	20.81	30.00	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM256	21.38	-3.56	17.82	30.00	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM256	21.24	-3.56	17.68	30.00	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM256	21.33	-3.56	17.77	30.00	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QAM256	21.21	-3.56	17.65	30.00	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	27.62	-3.56	24.06	30.00	PASS

n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	27.6	-3.56	24.04	30.00	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	27.24	-3.56	23.68	30.00	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	27.04	-3.56	23.48	30.00	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	27.49	-3.56	23.93	30.00	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	27.56	-3.56	24	30.00	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	27.15	-3.56	23.59	30.00	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	26.48	-3.56	22.92	30.00	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM16	26.64	-3.56	23.08	30.00	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM16	26.81	-3.56	23.25	30.00	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM16	26.44	-3.56	22.88	30.00	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	25.53	-3.56	21.97	30.00	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM64	25.1	-3.56	21.54	30.00	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM64	25.04	-3.56	21.48	30.00	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM64	24.69	-3.56	21.13	30.00	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	25.03	-3.56	21.47	30.00	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM256	23.15	-3.56	19.59	30.00	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM256	23.38	-3.56	19.82	30.00	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM256	22.99	-3.56	19.43	30.00	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	23.06	-3.56	19.5	30.00	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	26.04	-3.56	22.48	30.00	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	26.19	-3.56	22.63	30.00	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	25.79	-3.56	22.23	30.00	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	24.61	-3.56	21.05	30.00	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM16	25.65	-3.56	22.09	30.00	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM16	25.6	-3.56	22.04	30.00	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM16	25.7	-3.56	22.14	30.00	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QAM16	24.64	-3.56	21.08	30.00	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM64	24.25	-3.56	20.69	30.00	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM64	25.11	-3.56	21.55	30.00	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM64	24.75	-3.56	21.19	30.00	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QAM64	24.18	-3.56	20.62	30.00	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM256	21.28	-3.56	17.72	30.00	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM256	21.18	-3.56	17.62	30.00	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM256	21.02	-3.56	17.46	30.00	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QAM256	21.09	-3.56	17.53	30.00	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	27.35	-3.56	23.79	30.00	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	27.26	-3.56	23.7	30.00	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	27.15	-3.56	23.59	30.00	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	26.75	-3.56	23.19	30.00	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	27.33	-3.56	23.77	30.00	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	27.15	-3.56	23.59	30.00	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	27.11	-3.56	23.55	30.00	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	26.25	-3.56	22.69	30.00	PASS

n77(3450-3550)	30	20	636000	25@12	DFT_QAM16	26.36	-3.56	22.8	30.00	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM16	26.44	-3.56	22.88	30.00	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM16	26.25	-3.56	22.69	30.00	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM16	25.28	-3.56	21.72	30.00	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM64	24.94	-3.56	21.38	30.00	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM64	24.69	-3.56	21.13	30.00	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM64	24.56	-3.56	21	30.00	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM64	24.77	-3.56	21.21	30.00	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM256	22.87	-3.56	19.31	30.00	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM256	22.97	-3.56	19.41	30.00	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM256	22.74	-3.56	19.18	30.00	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM256	22.8	-3.56	19.24	30.00	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	25.88	-3.56	22.32	30.00	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	25.86	-3.56	22.3	30.00	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	25.64	-3.56	22.08	30.00	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	24.33	-3.56	20.77	30.00	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM16	25.32	-3.56	21.76	30.00	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM16	25.25	-3.56	21.69	30.00	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM16	25.62	-3.56	22.06	30.00	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QAM16	24.32	-3.56	20.76	30.00	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM64	24.15	-3.56	20.59	30.00	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM64	23.98	-3.56	20.42	30.00	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM64	23.84	-3.56	20.28	30.00	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QAM64	23.9	-3.56	20.34	30.00	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM256	20.95	-3.56	17.39	30.00	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM256	20.71	-3.56	17.15	30.00	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM256	20.59	-3.56	17.03	30.00	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QAM256	20.81	-3.56	17.25	30.00	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_BPSK	27.73	-3.56	24.17	30.00	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_BPSK	27.59	-3.56	24.03	30.00	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_BPSK	27.64	-3.56	24.08	30.00	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_BPSK	27.19	-3.56	23.63	30.00	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QPSK	27.71	-3.56	24.15	30.00	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QPSK	27.52	-3.56	23.96	30.00	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QPSK	27.53	-3.56	23.97	30.00	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QPSK	26.7	-3.56	23.14	30.00	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM16	26.71	-3.56	23.15	30.00	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM16	26.74	-3.56	23.18	30.00	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM16	26.8	-3.56	23.24	30.00	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM16	25.68	-3.56	22.12	30.00	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM64	25.34	-3.56	21.78	30.00	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM64	25.03	-3.56	21.47	30.00	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM64	25.08	-3.56	21.52	30.00	PASS

n77(3450-3550)	30	30	631000	75@0	DFT_QAM64	25.18	-3.56	21.62	30.00	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM256	23.21	-3.56	19.65	30.00	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM256	23.28	-3.56	19.72	30.00	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM256	23.43	-3.56	19.87	30.00	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM256	23.23	-3.56	19.67	30.00	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QPSK	26.22	-3.56	22.66	30.00	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QPSK	26.15	-3.56	22.59	30.00	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QPSK	26.16	-3.56	22.6	30.00	PASS
n77(3450-3550)	30	30	631000	78@0	CP_QPSK	24.68	-3.56	21.12	30.00	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM16	25.78	-3.56	22.22	30.00	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM16	25.75	-3.56	22.19	30.00	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM16	26.21	-3.56	22.65	30.00	PASS
n77(3450-3550)	30	30	631000	78@0	CP_QAM16	24.75	-3.56	21.19	30.00	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM64	24.33	-3.56	20.77	30.00	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM64	25.03	-3.56	21.47	30.00	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM64	25.08	-3.56	21.52	30.00	PASS
n77(3450-3550)	30	30	631000	78@0	CP_QAM64	24.32	-3.56	20.76	30.00	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM256	21.39	-3.56	17.83	30.00	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM256	21.18	-3.56	17.62	30.00	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM256	21.3	-3.56	17.74	30.00	PASS
n77(3450-3550)	30	30	631000	78@0	CP_QAM256	21.34	-3.56	17.78	30.00	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_BPSK	27.5	-3.56	23.94	30.00	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_BPSK	27.67	-3.56	24.11	30.00	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_BPSK	27.29	-3.56	23.73	30.00	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	26.98	-3.56	23.42	30.00	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QPSK	27.43	-3.56	23.87	30.00	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QPSK	27.62	-3.56	24.06	30.00	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QPSK	27.29	-3.56	23.73	30.00	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	26.49	-3.56	22.93	30.00	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM16	26.42	-3.56	22.86	30.00	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM16	26.72	-3.56	23.16	30.00	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM16	26.37	-3.56	22.81	30.00	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	25.46	-3.56	21.9	30.00	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM64	25.11	-3.56	21.55	30.00	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM64	25.02	-3.56	21.46	30.00	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM64	24.7	-3.56	21.14	30.00	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	25.05	-3.56	21.49	30.00	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM256	22.92	-3.56	19.36	30.00	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM256	23.31	-3.56	19.75	30.00	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM256	22.93	-3.56	19.37	30.00	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	22.98	-3.56	19.42	30.00	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QPSK	25.98	-3.56	22.42	30.00	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QPSK	26.14	-3.56	22.58	30.00	PASS

n77(3450-3550)	30	30	633334	1@76	CP_QPSK	25.7	-3.56	22.14	30.00	PASS
n77(3450-3550)	30	30	633334	78@0	CP_QPSK	24.52	-3.56	20.96	30.00	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM16	25.52	-3.56	21.96	30.00	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM16	25.74	-3.56	22.18	30.00	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM16	25.75	-3.56	22.19	30.00	PASS
n77(3450-3550)	30	30	633334	78@0	CP_QAM16	24.57	-3.56	21.01	30.00	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM64	24.08	-3.56	20.52	30.00	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM64	24.68	-3.56	21.12	30.00	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM64	24.06	-3.56	20.5	30.00	PASS
n77(3450-3550)	30	30	633334	78@0	CP_QAM64	24.05	-3.56	20.49	30.00	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM256	21.12	-3.56	17.56	30.00	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM256	21.35	-3.56	17.79	30.00	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM256	20.91	-3.56	17.35	30.00	PASS
n77(3450-3550)	30	30	633334	78@0	CP_QAM256	21.19	-3.56	17.63	30.00	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_BPSK	27.26	-3.56	23.7	30.00	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_BPSK	27.36	-3.56	23.8	30.00	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_BPSK	27.21	-3.56	23.65	30.00	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_BPSK	26.8	-3.56	23.24	30.00	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QPSK	27.28	-3.56	23.72	30.00	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QPSK	27.38	-3.56	23.82	30.00	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QPSK	27.11	-3.56	23.55	30.00	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QPSK	26.28	-3.56	22.72	30.00	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM16	26.3	-3.56	22.74	30.00	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM16	26.45	-3.56	22.89	30.00	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM16	26.22	-3.56	22.66	30.00	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM16	25.28	-3.56	21.72	30.00	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM64	24.83	-3.56	21.27	30.00	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM64	24.86	-3.56	21.3	30.00	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM64	24.67	-3.56	21.11	30.00	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM64	24.81	-3.56	21.25	30.00	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM256	22.79	-3.56	19.23	30.00	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM256	23.04	-3.56	19.48	30.00	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM256	22.78	-3.56	19.22	30.00	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM256	22.86	-3.56	19.3	30.00	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QPSK	25.82	-3.56	22.26	30.00	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QPSK	25.91	-3.56	22.35	30.00	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QPSK	25.57	-3.56	22.01	30.00	PASS
n77(3450-3550)	30	30	635666	78@0	CP_QPSK	24.3	-3.56	20.74	30.00	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM16	25.37	-3.56	21.81	30.00	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM16	25.51	-3.56	21.95	30.00	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM16	25.57	-3.56	22.01	30.00	PASS
n77(3450-3550)	30	30	635666	78@0	CP_QAM16	24.35	-3.56	20.79	30.00	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM64	23.88	-3.56	20.32	30.00	PASS

n77(3450-3550)	30	30	635666	1@1	CP_QAM64	24.37	-3.56	20.81	30.00	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM64	23.9	-3.56	20.34	30.00	PASS
n77(3450-3550)	30	30	635666	78@0	CP_QAM64	23.88	-3.56	20.32	30.00	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM256	20.93	-3.56	17.37	30.00	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM256	21.02	-3.56	17.46	30.00	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM256	20.77	-3.56	17.21	30.00	PASS
n77(3450-3550)	30	30	635666	78@0	CP_QAM256	20.97	-3.56	17.41	30.00	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	27.68	-3.56	24.12	30.00	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	27.62	-3.56	24.06	30.00	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	27.62	-3.56	24.06	30.00	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	27.17	-3.56	23.61	30.00	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	27.64	-3.56	24.08	30.00	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	27.57	-3.56	24.01	30.00	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	27.59	-3.56	24.03	30.00	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	26.67	-3.56	23.11	30.00	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM16	26.66	-3.56	23.1	30.00	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM16	26.64	-3.56	23.08	30.00	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM16	26.67	-3.56	23.11	30.00	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM16	25.72	-3.56	22.16	30.00	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM64	25.25	-3.56	21.69	30.00	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM64	25.05	-3.56	21.49	30.00	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM64	25.06	-3.56	21.5	30.00	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM64	25.24	-3.56	21.68	30.00	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM256	23.21	-3.56	19.65	30.00	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM256	23.21	-3.56	19.65	30.00	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM256	23.22	-3.56	19.66	30.00	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM256	23.23	-3.56	19.67	30.00	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	26.2	-3.56	22.64	30.00	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	26.13	-3.56	22.57	30.00	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	26.22	-3.56	22.66	30.00	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	24.67	-3.56	21.11	30.00	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM16	25.71	-3.56	22.15	30.00	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM16	26.08	-3.56	22.52	30.00	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM16	25.96	-3.56	22.4	30.00	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QAM16	24.68	-3.56	21.12	30.00	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM64	24.33	-3.56	20.77	30.00	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM64	25.01	-3.56	21.45	30.00	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM64	25.07	-3.56	21.51	30.00	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QAM64	24.29	-3.56	20.73	30.00	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM256	21.34	-3.56	17.78	30.00	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM256	20.85	-3.56	17.29	30.00	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM256	21.33	-3.56	17.77	30.00	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QAM256	21.33	-3.56	17.77	30.00	PASS

n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	27.46	-3.56	23.9	30.00	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	27.64	-3.56	24.08	30.00	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	27.32	-3.56	23.76	30.00	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	26.99	-3.56	23.43	30.00	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	27.5	-3.56	23.94	30.00	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	27.6	-3.56	24.04	30.00	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	27.28	-3.56	23.72	30.00	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	26.54	-3.56	22.98	30.00	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM16	26.52	-3.56	22.96	30.00	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM16	26.81	-3.56	23.25	30.00	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM16	26.52	-3.56	22.96	30.00	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	25.57	-3.56	22.01	30.00	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM64	25.01	-3.56	21.45	30.00	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM64	25.18	-3.56	21.62	30.00	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM64	24.9	-3.56	21.34	30.00	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	25.08	-3.56	21.52	30.00	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM256	23.08	-3.56	19.52	30.00	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM256	23.42	-3.56	19.86	30.00	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM256	23.1	-3.56	19.54	30.00	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	23.19	-3.56	19.63	30.00	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	25.99	-3.56	22.43	30.00	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	26.16	-3.56	22.6	30.00	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	25.86	-3.56	22.3	30.00	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	24.53	-3.56	20.97	30.00	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM16	25.5	-3.56	21.94	30.00	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM16	25.66	-3.56	22.1	30.00	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM16	25.29	-3.56	21.73	30.00	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QAM16	24.49	-3.56	20.93	30.00	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM64	24.16	-3.56	20.6	30.00	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM64	25.19	-3.56	21.63	30.00	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM64	24.26	-3.56	20.7	30.00	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QAM64	24	-3.56	20.44	30.00	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM256	21.12	-3.56	17.56	30.00	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM256	21.39	-3.56	17.83	30.00	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM256	20.95	-3.56	17.39	30.00	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QAM256	21.15	-3.56	17.59	30.00	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	27.39	-3.56	23.83	30.00	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	27.23	-3.56	23.67	30.00	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	27.13	-3.56	23.57	30.00	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	26.83	-3.56	23.27	30.00	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	27.34	-3.56	23.78	30.00	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	27.18	-3.56	23.62	30.00	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	27.08	-3.56	23.52	30.00	PASS

n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	26.35	-3.56	22.79	30.00	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM16	26.4	-3.56	22.84	30.00	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM16	26.38	-3.56	22.82	30.00	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM16	26.27	-3.56	22.71	30.00	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM16	25.36	-3.56	21.8	30.00	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM64	24.86	-3.56	21.3	30.00	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM64	24.73	-3.56	21.17	30.00	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM64	25.07	-3.56	21.51	30.00	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM64	24.94	-3.56	21.38	30.00	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM256	22.9	-3.56	19.34	30.00	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM256	23.03	-3.56	19.47	30.00	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM256	22.92	-3.56	19.36	30.00	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM256	22.92	-3.56	19.36	30.00	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	25.87	-3.56	22.31	30.00	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	25.75	-3.56	22.19	30.00	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	25.69	-3.56	22.13	30.00	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	24.35	-3.56	20.79	30.00	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM16	25.37	-3.56	21.81	30.00	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM16	25.67	-3.56	22.11	30.00	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM16	25.57	-3.56	22.01	30.00	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QAM16	24.35	-3.56	20.79	30.00	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM64	24.01	-3.56	20.45	30.00	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM64	24.61	-3.56	21.05	30.00	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM64	24.51	-3.56	20.95	30.00	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QAM64	23.85	-3.56	20.29	30.00	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM256	20.94	-3.56	17.38	30.00	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM256	20.83	-3.56	17.27	30.00	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM256	20.8	-3.56	17.24	30.00	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QAM256	21.03	-3.56	17.47	30.00	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	27.71	-3.56	24.15	30.00	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	27.62	-3.56	24.06	30.00	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	27.47	-3.56	23.91	30.00	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	27.15	-3.56	23.59	30.00	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	27.73	-3.56	24.17	30.00	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	27.6	-3.56	24.04	30.00	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	27.38	-3.56	23.82	30.00	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	26.75	-3.56	23.19	30.00	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM16	26.72	-3.56	23.16	30.00	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM16	26.75	-3.56	23.19	30.00	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM16	26.53	-3.56	22.97	30.00	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM16	25.72	-3.56	22.16	30.00	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM64	25.27	-3.56	21.71	30.00	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM64	25.58	-3.56	22.02	30.00	PASS

n77(3450-3550)	30	50	631668	1@131	DFT_QAM64	25.31	-3.56	21.75	30.00	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM64	25.28	-3.56	21.72	30.00	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM256	23.3	-3.56	19.74	30.00	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM256	23.27	-3.56	19.71	30.00	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM256	23.13	-3.56	19.57	30.00	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM256	23.26	-3.56	19.7	30.00	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	26.23	-3.56	22.67	30.00	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	26.1	-3.56	22.54	30.00	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	25.89	-3.56	22.33	30.00	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	24.72	-3.56	21.16	30.00	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM16	25.77	-3.56	22.21	30.00	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM16	26.03	-3.56	22.47	30.00	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM16	25.79	-3.56	22.23	30.00	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QAM16	24.73	-3.56	21.17	30.00	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM64	24.4	-3.56	20.84	30.00	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM64	25.13	-3.56	21.57	30.00	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM64	24.82	-3.56	21.26	30.00	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QAM64	24.23	-3.56	20.67	30.00	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM256	21.38	-3.56	17.82	30.00	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM256	21.16	-3.56	17.6	30.00	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM256	21	-3.56	17.44	30.00	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QAM256	21.32	-3.56	17.76	30.00	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	27.52	-3.56	23.96	30.00	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	27.62	-3.56	24.06	30.00	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	27.4	-3.56	23.84	30.00	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	26.99	-3.56	23.43	30.00	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	27.54	-3.56	23.98	30.00	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	27.61	-3.56	24.05	30.00	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	27.34	-3.56	23.78	30.00	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	26.54	-3.56	22.98	30.00	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM16	26.5	-3.56	22.94	30.00	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM16	27	-3.56	23.44	30.00	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM16	26.71	-3.56	23.15	30.00	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	25.56	-3.56	22	30.00	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM64	25.1	-3.56	21.54	30.00	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM64	25.1	-3.56	21.54	30.00	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM64	24.86	-3.56	21.3	30.00	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	25.1	-3.56	21.54	30.00	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM256	23.15	-3.56	19.59	30.00	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM256	23.53	-3.56	19.97	30.00	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM256	23.11	-3.56	19.55	30.00	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	23.01	-3.56	19.45	30.00	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	25.98	-3.56	22.42	30.00	PASS

n77(3450-3550)	30	50	633334	1@1	CP_QPSK	26.15	-3.56	22.59	30.00	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	25.9	-3.56	22.34	30.00	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	24.57	-3.56	21.01	30.00	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM16	25.49	-3.56	21.93	30.00	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM16	26.12	-3.56	22.56	30.00	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM16	25.52	-3.56	21.96	30.00	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QAM16	24.43	-3.56	20.87	30.00	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM64	23.98	-3.56	20.42	30.00	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM64	24.8	-3.56	21.24	30.00	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM64	24.47	-3.56	20.91	30.00	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QAM64	23.97	-3.56	20.41	30.00	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM256	21.19	-3.56	17.63	30.00	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM256	21.28	-3.56	17.72	30.00	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM256	20.99	-3.56	17.43	30.00	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QAM256	21.18	-3.56	17.62	30.00	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	27.45	-3.56	23.89	30.00	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	27.33	-3.56	23.77	30.00	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	27.14	-3.56	23.58	30.00	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	26.86	-3.56	23.3	30.00	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	27.41	-3.56	23.85	30.00	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	27.3	-3.56	23.74	30.00	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	27.08	-3.56	23.52	30.00	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	26.33	-3.56	22.77	30.00	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM16	26.49	-3.56	22.93	30.00	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM16	26.53	-3.56	22.97	30.00	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM16	26.47	-3.56	22.91	30.00	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM16	25.43	-3.56	21.87	30.00	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM64	24.94	-3.56	21.38	30.00	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM64	24.84	-3.56	21.28	30.00	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM64	24.62	-3.56	21.06	30.00	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM64	24.88	-3.56	21.32	30.00	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM256	22.98	-3.56	19.42	30.00	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM256	23.09	-3.56	19.53	30.00	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM256	22.92	-3.56	19.36	30.00	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM256	23.02	-3.56	19.46	30.00	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	25.91	-3.56	22.35	30.00	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	25.91	-3.56	22.35	30.00	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	25.68	-3.56	22.12	30.00	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	24.45	-3.56	20.89	30.00	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM16	25.44	-3.56	21.88	30.00	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM16	25.9	-3.56	22.34	30.00	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM16	25.36	-3.56	21.8	30.00	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QAM16	24.41	-3.56	20.85	30.00	PASS

n77(3450-3550)	30	50	635000	67@33	CP_QAM64	24.04	-3.56	20.48	30.00	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM64	24.72	-3.56	21.16	30.00	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM64	24.64	-3.56	21.08	30.00	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QAM64	23.95	-3.56	20.39	30.00	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM256	21.03	-3.56	17.47	30.00	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM256	20.93	-3.56	17.37	30.00	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM256	20.73	-3.56	17.17	30.00	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QAM256	21.08	-3.56	17.52	30.00	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	27.68	-3.56	24.12	30.00	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	27.48	-3.56	23.92	30.00	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	27.16	-3.56	23.6	30.00	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	27.13	-3.56	23.57	30.00	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	27.7	-3.56	24.14	30.00	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	27.48	-3.56	23.92	30.00	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	27.11	-3.56	23.55	30.00	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	26.64	-3.56	23.08	30.00	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM16	26.69	-3.56	23.13	30.00	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM16	26.7	-3.56	23.14	30.00	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM16	26.29	-3.56	22.73	30.00	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM16	25.61	-3.56	22.05	30.00	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM64	25.28	-3.56	21.72	30.00	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM64	24.91	-3.56	21.35	30.00	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM64	24.56	-3.56	21	30.00	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM64	25.13	-3.56	21.57	30.00	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM256	23.34	-3.56	19.78	30.00	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM256	23.3	-3.56	19.74	30.00	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM256	22.86	-3.56	19.3	30.00	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM256	23.23	-3.56	19.67	30.00	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	26.17	-3.56	22.61	30.00	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	26.06	-3.56	22.5	30.00	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	25.61	-3.56	22.05	30.00	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	24.62	-3.56	21.06	30.00	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM16	25.79	-3.56	22.23	30.00	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM16	25.66	-3.56	22.1	30.00	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM16	25.31	-3.56	21.75	30.00	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QAM16	24.62	-3.56	21.06	30.00	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM64	24.31	-3.56	20.75	30.00	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM64	24.88	-3.56	21.32	30.00	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM64	24.08	-3.56	20.52	30.00	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QAM64	24.14	-3.56	20.58	30.00	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM256	21.34	-3.56	17.78	30.00	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM256	21.07	-3.56	17.51	30.00	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM256	20.77	-3.56	17.21	30.00	PASS

n77(3450-3550)	30	60	632000	162@0	CP_QAM256	21.31	-3.56	17.75	30.00	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	27.53	-3.56	23.97	30.00	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	27.61	-3.56	24.05	30.00	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	27.33	-3.56	23.77	30.00	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	27.01	-3.56	23.45	30.00	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	27.53	-3.56	23.97	30.00	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	27.59	-3.56	24.03	30.00	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	27.25	-3.56	23.69	30.00	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	26.49	-3.56	22.93	30.00	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM16	26.49	-3.56	22.93	30.00	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM16	26.63	-3.56	23.07	30.00	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM16	26.3	-3.56	22.74	30.00	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	25.56	-3.56	22	30.00	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM64	25.09	-3.56	21.53	30.00	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM64	25.01	-3.56	21.45	30.00	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM64	24.76	-3.56	21.2	30.00	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	25.05	-3.56	21.49	30.00	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM256	23	-3.56	19.44	30.00	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM256	23.35	-3.56	19.79	30.00	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM256	23	-3.56	19.44	30.00	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	23.07	-3.56	19.51	30.00	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	26.02	-3.56	22.46	30.00	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	26.05	-3.56	22.49	30.00	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	25.74	-3.56	22.18	30.00	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	24.56	-3.56	21	30.00	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM16	25.57	-3.56	22.01	30.00	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM16	25.66	-3.56	22.1	30.00	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM16	25.4	-3.56	21.84	30.00	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QAM16	24.55	-3.56	20.99	30.00	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM64	24.13	-3.56	20.57	30.00	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM64	24.3	-3.56	20.74	30.00	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM64	24.26	-3.56	20.7	30.00	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QAM64	24.07	-3.56	20.51	30.00	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM256	21.16	-3.56	17.6	30.00	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM256	21.13	-3.56	17.57	30.00	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM256	20.82	-3.56	17.26	30.00	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QAM256	21.26	-3.56	17.7	30.00	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	27.4	-3.56	23.84	30.00	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	27.47	-3.56	23.91	30.00	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	27.12	-3.56	23.56	30.00	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	26.85	-3.56	23.29	30.00	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	27.38	-3.56	23.82	30.00	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	27.49	-3.56	23.93	30.00	PASS

n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	27.11	-3.56	23.55	30.00	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	26.37	-3.56	22.81	30.00	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM16	26.42	-3.56	22.86	30.00	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM16	26.58	-3.56	23.02	30.00	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM16	26.14	-3.56	22.58	30.00	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM16	25.36	-3.56	21.8	30.00	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM64	24.98	-3.56	21.42	30.00	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM64	25.03	-3.56	21.47	30.00	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM64	24.51	-3.56	20.95	30.00	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM64	24.9	-3.56	21.34	30.00	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM256	23.02	-3.56	19.46	30.00	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM256	23.28	-3.56	19.72	30.00	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM256	22.82	-3.56	19.26	30.00	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM256	22.93	-3.56	19.37	30.00	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	25.9	-3.56	22.34	30.00	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	25.93	-3.56	22.37	30.00	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	25.48	-3.56	21.92	30.00	PASS
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	24.41	-3.56	20.85	30.00	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM16	25.44	-3.56	21.88	30.00	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM16	26	-3.56	22.44	30.00	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM16	25.2	-3.56	21.64	30.00	PASS
n77(3450-3550)	30	60	634666	162@0	CP_QAM16	24.34	-3.56	20.78	30.00	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM64	24.04	-3.56	20.48	30.00	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM64	24.3	-3.56	20.74	30.00	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM64	23.75	-3.56	20.19	30.00	PASS
n77(3450-3550)	30	60	634666	162@0	CP_QAM64	23.9	-3.56	20.34	30.00	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM256	21.05	-3.56	17.49	30.00	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM256	21.02	-3.56	17.46	30.00	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM256	20.73	-3.56	17.17	30.00	PASS
n77(3450-3550)	30	60	634666	162@0	CP_QAM256	21.03	-3.56	17.47	30.00	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_BPSK	28.09	-3.56	24.53	30.00	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_BPSK	27.4	-3.56	23.84	30.00	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_BPSK	27.67	-3.56	24.11	30.00	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_BPSK	27	-3.56	23.44	30.00	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_QPSK	27.65	-3.56	24.09	30.00	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_QPSK	27.59	-3.56	24.03	30.00	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_QPSK	27.86	-3.56	24.3	30.00	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_QPSK	26.23	-3.56	22.67	30.00	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_QAM16	26.76	-3.56	23.2	30.00	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_QAM16	26.59	-3.56	23.03	30.00	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_QAM16	26.85	-3.56	23.29	30.00	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_QAM16	25.67	-3.56	22.11	30.00	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_QAM64	25.15	-3.56	21.59	30.00	PASS

n77(3450-3550)	30	70	632334	1@1	DFT_QAM64	25.42	-3.56	21.86	30.00	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_QAM64	25.32	-3.56	21.76	30.00	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_QAM64	25.09	-3.56	21.53	30.00	PASS
n77(3450-3550)	30	70	632334	90@45	DFT_QAM256	22.97	-3.56	19.41	30.00	PASS
n77(3450-3550)	30	70	632334	1@1	DFT_QAM256	23.34	-3.56	19.78	30.00	PASS
n77(3450-3550)	30	70	632334	1@187	DFT_QAM256	23.29	-3.56	19.73	30.00	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_QAM256	23.74	-3.56	20.18	30.00	PASS
n77(3450-3550)	30	70	632334	95@47	CP_QPSK	25.99	-3.56	22.43	30.00	PASS
n77(3450-3550)	30	70	632334	1@1	CP_QPSK	26.34	-3.56	22.78	30.00	PASS
n77(3450-3550)	30	70	632334	1@187	CP_QPSK	25.89	-3.56	22.33	30.00	PASS
n77(3450-3550)	30	70	632334	189@0	CP_QPSK	24.5	-3.56	20.94	30.00	PASS
n77(3450-3550)	30	70	632334	95@47	CP_QAM16	25.81	-3.56	22.25	30.00	PASS
n77(3450-3550)	30	70	632334	1@1	CP_QAM16	25.92	-3.56	22.36	30.00	PASS
n77(3450-3550)	30	70	632334	1@187	CP_QAM16	25.33	-3.56	21.77	30.00	PASS
n77(3450-3550)	30	70	632334	189@0	CP_QAM16	25.55	-3.56	21.99	30.00	PASS
n77(3450-3550)	30	70	632334	95@47	CP_QAM64	26.08	-3.56	22.52	30.00	PASS
n77(3450-3550)	30	70	632334	1@1	CP_QAM64	25.18	-3.56	21.62	30.00	PASS
n77(3450-3550)	30	70	632334	1@187	CP_QAM64	24.82	-3.56	21.26	30.00	PASS
n77(3450-3550)	30	70	632334	189@0	CP_QAM64	24.25	-3.56	20.69	30.00	PASS
n77(3450-3550)	30	70	632334	95@47	CP_QAM256	21.32	-3.56	17.76	30.00	PASS
n77(3450-3550)	30	70	632334	1@1	CP_QAM256	21.36	-3.56	17.8	30.00	PASS
n77(3450-3550)	30	70	632334	1@187	CP_QAM256	21.33	-3.56	17.77	30.00	PASS
n77(3450-3550)	30	70	632334	189@0	CP_QAM256	21.21	-3.56	17.65	30.00	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_BPSK	27.09	-3.56	23.53	30.00	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_BPSK	27.59	-3.56	24.03	30.00	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_BPSK	27.49	-3.56	23.93	30.00	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_BPSK	27.1	-3.56	23.54	30.00	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_QPSK	27.33	-3.56	23.77	30.00	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_QPSK	27.64	-3.56	24.08	30.00	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_QPSK	27.12	-3.56	23.56	30.00	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QPSK	26.29	-3.56	22.73	30.00	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_QAM16	26.86	-3.56	23.3	30.00	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_QAM16	27.05	-3.56	23.49	30.00	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_QAM16	26.18	-3.56	22.62	30.00	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QAM16	25.51	-3.56	21.95	30.00	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_QAM64	25.11	-3.56	21.55	30.00	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_QAM64	25.06	-3.56	21.5	30.00	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_QAM64	25.34	-3.56	21.78	30.00	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QAM64	25.08	-3.56	21.52	30.00	PASS
n77(3450-3550)	30	70	633334	90@45	DFT_QAM256	22.62	-3.56	19.06	30.00	PASS
n77(3450-3550)	30	70	633334	1@1	DFT_QAM256	23.11	-3.56	19.55	30.00	PASS
n77(3450-3550)	30	70	633334	1@187	DFT_QAM256	22.96	-3.56	19.4	30.00	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QAM256	23.16	-3.56	19.6	30.00	PASS

n77(3450-3550)	30	70	633334	95@47	CP_QPSK	26.2	-3.56	22.64	30.00	PASS
n77(3450-3550)	30	70	633334	1@1	CP_QPSK	25.96	-3.56	22.4	30.00	PASS
n77(3450-3550)	30	70	633334	1@187	CP_QPSK	25.82	-3.56	22.26	30.00	PASS
n77(3450-3550)	30	70	633334	189@0	CP_QPSK	23.91	-3.56	20.35	30.00	PASS
n77(3450-3550)	30	70	633334	95@47	CP_QAM16	25.79	-3.56	22.23	30.00	PASS
n77(3450-3550)	30	70	633334	1@1	CP_QAM16	25.99	-3.56	22.43	30.00	PASS
n77(3450-3550)	30	70	633334	1@187	CP_QAM16	25.58	-3.56	22.02	30.00	PASS
n77(3450-3550)	30	70	633334	189@0	CP_QAM16	24.69	-3.56	21.13	30.00	PASS
n77(3450-3550)	30	70	633334	95@47	CP_QAM64	24.25	-3.56	20.69	30.00	PASS
n77(3450-3550)	30	70	633334	1@1	CP_QAM64	24.86	-3.56	21.3	30.00	PASS
n77(3450-3550)	30	70	633334	1@187	CP_QAM64	25.21	-3.56	21.65	30.00	PASS
n77(3450-3550)	30	70	633334	189@0	CP_QAM64	24	-3.56	20.44	30.00	PASS
n77(3450-3550)	30	70	633334	95@47	CP_QAM256	21.57	-3.56	18.01	30.00	PASS
n77(3450-3550)	30	70	633334	1@1	CP_QAM256	21.91	-3.56	18.35	30.00	PASS
n77(3450-3550)	30	70	633334	1@187	CP_QAM256	21.21	-3.56	17.65	30.00	PASS
n77(3450-3550)	30	70	633334	189@0	CP_QAM256	20.86	-3.56	17.3	30.00	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_BPSK	26.97	-3.56	23.41	30.00	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_BPSK	27.61	-3.56	24.05	30.00	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_BPSK	27.52	-3.56	23.96	30.00	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_BPSK	26.9	-3.56	23.34	30.00	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_QPSK	27.4	-3.56	23.84	30.00	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_QPSK	27.27	-3.56	23.71	30.00	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_QPSK	27.06	-3.56	23.5	30.00	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_QPSK	25.77	-3.56	22.21	30.00	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_QAM16	26.46	-3.56	22.9	30.00	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_QAM16	26	-3.56	22.44	30.00	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_QAM16	26.59	-3.56	23.03	30.00	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_QAM16	25.3	-3.56	21.74	30.00	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_QAM64	24.55	-3.56	20.99	30.00	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_QAM64	24.44	-3.56	20.88	30.00	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_QAM64	24.76	-3.56	21.2	30.00	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_QAM64	24.49	-3.56	20.93	30.00	PASS
n77(3450-3550)	30	70	634332	90@45	DFT_QAM256	23.28	-3.56	19.72	30.00	PASS
n77(3450-3550)	30	70	634332	1@1	DFT_QAM256	22.6	-3.56	19.04	30.00	PASS
n77(3450-3550)	30	70	634332	1@187	DFT_QAM256	23.34	-3.56	19.78	30.00	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_QAM256	22.52	-3.56	18.96	30.00	PASS
n77(3450-3550)	30	70	634332	95@47	CP_QPSK	25.92	-3.56	22.36	30.00	PASS
n77(3450-3550)	30	70	634332	1@1	CP_QPSK	26.06	-3.56	22.5	30.00	PASS
n77(3450-3550)	30	70	634332	1@187	CP_QPSK	26.12	-3.56	22.56	30.00	PASS
n77(3450-3550)	30	70	634332	189@0	CP_QPSK	24.34	-3.56	20.78	30.00	PASS
n77(3450-3550)	30	70	634332	95@47	CP_QAM16	25.03	-3.56	21.47	30.00	PASS
n77(3450-3550)	30	70	634332	1@1	CP_QAM16	25.47	-3.56	21.91	30.00	PASS
n77(3450-3550)	30	70	634332	1@187	CP_QAM16	25.22	-3.56	21.66	30.00	PASS

n77(3450-3550)	30	70	634332	189@0	CP_QAM16	24.19	-3.56	20.63	30.00	PASS
n77(3450-3550)	30	70	634332	95@47	CP_QAM64	24.11	-3.56	20.55	30.00	PASS
n77(3450-3550)	30	70	634332	1@1	CP_QAM64	24.96	-3.56	21.4	30.00	PASS
n77(3450-3550)	30	70	634332	1@187	CP_QAM64	24.16	-3.56	20.6	30.00	PASS
n77(3450-3550)	30	70	634332	189@0	CP_QAM64	23.73	-3.56	20.17	30.00	PASS
n77(3450-3550)	30	70	634332	95@47	CP_QAM256	20.4	-3.56	16.84	30.00	PASS
n77(3450-3550)	30	70	634332	1@1	CP_QAM256	20.8	-3.56	17.24	30.00	PASS
n77(3450-3550)	30	70	634332	1@187	CP_QAM256	21.11	-3.56	17.55	30.00	PASS
n77(3450-3550)	30	70	634332	189@0	CP_QAM256	21.09	-3.56	17.53	30.00	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	27.22	-3.56	23.66	30.00	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	27.66	-3.56	24.1	30.00	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	27.56	-3.56	24	30.00	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	27.13	-3.56	23.57	30.00	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	28.06	-3.56	24.5	30.00	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	27.78	-3.56	24.22	30.00	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	26.8	-3.56	23.24	30.00	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	26.37	-3.56	22.81	30.00	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM16	26.98	-3.56	23.42	30.00	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM16	26.84	-3.56	23.28	30.00	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM16	26.28	-3.56	22.72	30.00	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM16	26.04	-3.56	22.48	30.00	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM64	25.35	-3.56	21.79	30.00	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM64	23.2	-3.56	19.64	30.00	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM64	23.4	-3.56	19.84	30.00	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM64	25.09	-3.56	21.53	30.00	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM256	23.21	-3.56	19.65	30.00	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM256	23.46	-3.56	19.9	30.00	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM256	22.9	-3.56	19.34	30.00	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM256	23.18	-3.56	19.62	30.00	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	26.08	-3.56	22.52	30.00	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	26.17	-3.56	22.61	30.00	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	25.77	-3.56	22.21	30.00	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	24.61	-3.56	21.05	30.00	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM16	25.62	-3.56	22.06	30.00	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM16	25.62	-3.56	22.06	30.00	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM16	25.22	-3.56	21.66	30.00	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QAM16	24.56	-3.56	21	30.00	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM64	24.13	-3.56	20.57	30.00	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM64	25.12	-3.56	21.56	30.00	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM64	23.96	-3.56	20.4	30.00	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QAM64	24.05	-3.56	20.49	30.00	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM256	21.33	-3.56	17.77	30.00	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM256	20.96	-3.56	17.4	30.00	PASS

n77(3450-3550)	30	80	632668	1@215	CP_QAM256	20.7	-3.56	17.14	30.00	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QAM256	21.28	-3.56	17.72	30.00	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	27.57	-3.56	24.01	30.00	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	27.69	-3.56	24.13	30.00	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	27.22	-3.56	23.66	30.00	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	27.05	-3.56	23.49	30.00	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	27.55	-3.56	23.99	30.00	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	27.69	-3.56	24.13	30.00	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	27.17	-3.56	23.61	30.00	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	26.61	-3.56	23.05	30.00	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM16	26.56	-3.56	23	30.00	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM16	26.89	-3.56	23.33	30.00	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM16	26.32	-3.56	22.76	30.00	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	25.66	-3.56	22.1	30.00	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM64	25.2	-3.56	21.64	30.00	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM64	25.56	-3.56	22	30.00	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM64	24.99	-3.56	21.43	30.00	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	25.13	-3.56	21.57	30.00	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM256	23.07	-3.56	19.51	30.00	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM256	23.42	-3.56	19.86	30.00	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM256	22.88	-3.56	19.32	30.00	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	23.09	-3.56	19.53	30.00	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	26.06	-3.56	22.5	30.00	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	26.26	-3.56	22.7	30.00	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	25.65	-3.56	22.09	30.00	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	24.66	-3.56	21.1	30.00	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM16	25.52	-3.56	21.96	30.00	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM16	25.68	-3.56	22.12	30.00	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM16	25.14	-3.56	21.58	30.00	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QAM16	24.58	-3.56	21.02	30.00	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM64	24.11	-3.56	20.55	30.00	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM64	24.39	-3.56	20.83	30.00	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM64	23.78	-3.56	20.22	30.00	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QAM64	24.09	-3.56	20.53	30.00	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM256	21.2	-3.56	17.64	30.00	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM256	21.07	-3.56	17.51	30.00	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM256	20.48	-3.56	16.92	30.00	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QAM256	21.29	-3.56	17.73	30.00	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	27.47	-3.56	23.91	30.00	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	27.76	-3.56	24.2	30.00	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	27.15	-3.56	23.59	30.00	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	26.94	-3.56	23.38	30.00	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	27.47	-3.56	23.91	30.00	PASS

n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	27.67	-3.56	24.11	30.00	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	27.13	-3.56	23.57	30.00	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	26.49	-3.56	22.93	30.00	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM16	26.52	-3.56	22.96	30.00	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM16	26.84	-3.56	23.28	30.00	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM16	26.37	-3.56	22.81	30.00	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM16	25.5	-3.56	21.94	30.00	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM64	25.09	-3.56	21.53	30.00	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM64	25.17	-3.56	21.61	30.00	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM64	25.1	-3.56	21.54	30.00	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM64	25.03	-3.56	21.47	30.00	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM256	22.97	-3.56	19.41	30.00	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM256	23.43	-3.56	19.87	30.00	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM256	22.83	-3.56	19.27	30.00	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM256	23.05	-3.56	19.49	30.00	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	25.92	-3.56	22.36	30.00	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	26.24	-3.56	22.68	30.00	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QPSK	25.63	-3.56	22.07	30.00	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	24.53	-3.56	20.97	30.00	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM16	25.51	-3.56	21.95	30.00	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM16	25.72	-3.56	22.16	30.00	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM16	25.09	-3.56	21.53	30.00	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QAM16	24.47	-3.56	20.91	30.00	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM64	24	-3.56	20.44	30.00	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM64	24.59	-3.56	21.03	30.00	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM64	24.49	-3.56	20.93	30.00	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QAM64	23.93	-3.56	20.37	30.00	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM256	21.16	-3.56	17.6	30.00	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM256	21.25	-3.56	17.69	30.00	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM256	20.8	-3.56	17.24	30.00	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QAM256	21.18	-3.56	17.62	30.00	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	27.52	-3.56	23.96	30.00	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	27.65	-3.56	24.09	30.00	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	27.17	-3.56	23.61	30.00	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_BPSK	27.07	-3.56	23.51	30.00	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	27.58	-3.56	24.02	30.00	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	27.68	-3.56	24.12	30.00	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	27.12	-3.56	23.56	30.00	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QPSK	26.63	-3.56	23.07	30.00	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM16	26.5	-3.56	22.94	30.00	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM16	26.9	-3.56	23.34	30.00	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM16	26.26	-3.56	22.7	30.00	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM16	25.6	-3.56	22.04	30.00	PASS

n77(3450-3550)	30	90	633000	120@60	DFT_QAM64	25.16	-3.56	21.6	30.00	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM64	25.19	-3.56	21.63	30.00	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM64	24.68	-3.56	21.12	30.00	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM64	25.09	-3.56	21.53	30.00	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM256	23.2	-3.56	19.64	30.00	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM256	23.38	-3.56	19.82	30.00	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM256	22.78	-3.56	19.22	30.00	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM256	23.21	-3.56	19.65	30.00	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	26.05	-3.56	22.49	30.00	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	26.22	-3.56	22.66	30.00	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	25.68	-3.56	22.12	30.00	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	24.63	-3.56	21.07	30.00	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM16	25.56	-3.56	22	30.00	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM16	26.09	-3.56	22.53	30.00	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM16	25.6	-3.56	22.04	30.00	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QAM16	24.58	-3.56	21.02	30.00	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM64	24.09	-3.56	20.53	30.00	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM64	24.26	-3.56	20.7	30.00	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM64	23.78	-3.56	20.22	30.00	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QAM64	24.1	-3.56	20.54	30.00	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM256	21.3	-3.56	17.74	30.00	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM256	21.22	-3.56	17.66	30.00	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM256	20.71	-3.56	17.15	30.00	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QAM256	21.28	-3.56	17.72	30.00	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	27.53	-3.56	23.97	30.00	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	27.71	-3.56	24.15	30.00	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	27.15	-3.56	23.59	30.00	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	27.06	-3.56	23.5	30.00	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	27.59	-3.56	24.03	30.00	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	27.68	-3.56	24.12	30.00	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	27.12	-3.56	23.56	30.00	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	26.63	-3.56	23.07	30.00	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM16	26.62	-3.56	23.06	30.00	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM16	26.81	-3.56	23.25	30.00	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM16	26.25	-3.56	22.69	30.00	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	25.6	-3.56	22.04	30.00	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM64	25.18	-3.56	21.62	30.00	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM64	25.69	-3.56	22.13	30.00	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM64	24.7	-3.56	21.14	30.00	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	25.1	-3.56	21.54	30.00	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM256	23.13	-3.56	19.57	30.00	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM256	23.39	-3.56	19.83	30.00	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM256	22.88	-3.56	19.32	30.00	PASS

n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	23.13	-3.56	19.57	30.00	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	26.09	-3.56	22.53	30.00	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	26.21	-3.56	22.65	30.00	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	25.68	-3.56	22.12	30.00	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	24.62	-3.56	21.06	30.00	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM16	25.55	-3.56	21.99	30.00	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM16	26.16	-3.56	22.6	30.00	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM16	25.6	-3.56	22.04	30.00	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QAM16	24.54	-3.56	20.98	30.00	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM64	24.07	-3.56	20.51	30.00	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM64	24.83	-3.56	21.27	30.00	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM64	23.8	-3.56	20.24	30.00	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QAM64	24.02	-3.56	20.46	30.00	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM256	21.26	-3.56	17.7	30.00	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM256	21.33	-3.56	17.77	30.00	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM256	20.76	-3.56	17.2	30.00	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QAM256	21.27	-3.56	17.71	30.00	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	27.48	-3.56	23.92	30.00	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	27.68	-3.56	24.12	30.00	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	27.15	-3.56	23.59	30.00	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_BPSK	27	-3.56	23.44	30.00	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	27.6	-3.56	24.04	30.00	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	27.65	-3.56	24.09	30.00	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	27.14	-3.56	23.58	30.00	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QPSK	26.59	-3.56	23.03	30.00	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM16	26.54	-3.56	22.98	30.00	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM16	26.83	-3.56	23.27	30.00	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM16	26.29	-3.56	22.73	30.00	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM16	25.56	-3.56	22	30.00	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM64	25.12	-3.56	21.56	30.00	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM64	25.73	-3.56	22.17	30.00	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM64	24.62	-3.56	21.06	30.00	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM64	25.09	-3.56	21.53	30.00	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM256	23	-3.56	19.44	30.00	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM256	23.45	-3.56	19.89	30.00	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM256	22.9	-3.56	19.34	30.00	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM256	23.12	-3.56	19.56	30.00	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	25.97	-3.56	22.41	30.00	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	26.3	-3.56	22.74	30.00	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	25.72	-3.56	22.16	30.00	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	24.54	-3.56	20.98	30.00	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM16	25.5	-3.56	21.94	30.00	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM16	25.67	-3.56	22.11	30.00	PASS

n77(3450-3550)	30	90	633666	1@243	CP_QAM16	25.12	-3.56	21.56	30.00	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QAM16	24.51	-3.56	20.95	30.00	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM64	23.98	-3.56	20.42	30.00	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM64	24.82	-3.56	21.26	30.00	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM64	24.17	-3.56	20.61	30.00	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QAM64	24.07	-3.56	20.51	30.00	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM256	21.22	-3.56	17.66	30.00	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM256	21.22	-3.56	17.66	30.00	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM256	20.85	-3.56	17.29	30.00	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QAM256	21.2	-3.56	17.64	30.00	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	27.5	-3.56	23.94	30.00	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	27.64	-3.56	24.08	30.00	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	27.14	-3.56	23.58	30.00	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	27.02	-3.56	23.46	30.00	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	27.55	-3.56	23.99	30.00	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	27.64	-3.56	24.08	30.00	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	27.12	-3.56	23.56	30.00	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	26.55	-3.56	22.99	30.00	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM16	26.56	-3.56	23	30.00	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM16	26.82	-3.56	23.26	30.00	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM16	26.3	-3.56	22.74	30.00	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	25.5	-3.56	21.94	30.00	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM64	25.11	-3.56	21.55	30.00	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM64	25.17	-3.56	21.61	30.00	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM64	25.07	-3.56	21.51	30.00	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	25.05	-3.56	21.49	30.00	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM256	23.21	-3.56	19.65	30.00	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM256	23.35	-3.56	19.79	30.00	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM256	22.86	-3.56	19.3	30.00	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	23.1	-3.56	19.54	30.00	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	26.05	-3.56	22.49	30.00	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	26.11	-3.56	22.55	30.00	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	25.65	-3.56	22.09	30.00	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	24.56	-3.56	21	30.00	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM16	25.53	-3.56	21.97	30.00	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM16	25.56	-3.56	22	30.00	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM16	25.54	-3.56	21.98	30.00	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QAM16	24.53	-3.56	20.97	30.00	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM64	24.03	-3.56	20.47	30.00	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM64	24.96	-3.56	21.4	30.00	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM64	24.11	-3.56	20.55	30.00	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QAM64	24.05	-3.56	20.49	30.00	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM256	21.28	-3.56	17.72	30.00	PASS

n77(3450-3550)	30	100	633334	1@1	CP_QAM256	21.27	-3.56	17.71	30.00	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM256	20.7	-3.56	17.14	30.00	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QAM256	21.3	-3.56	17.74	30.00	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	3.91	-9.71	0.00	Within authorized band for 5G NR n77	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	3.45	-11.33	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	4.50	-9.88	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	3.91	-5.61	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	3.45	-9.09	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	4.50	-10.79	0.00		PASS

Note: Only the worst case shown in the report.

NV:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	-30	-12.75	0.00	Within authorized band for 5G NR n77	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	-20	-11.01	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	-10	-12.5	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	0	-10.2	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	10	-12.61	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	20	-9.99	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	30	-9.29	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	40	-10.17	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	50	-16.11	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-30	-12.47	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-20	-9.77	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-10	-12.18	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	0	-14.18	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	10	-12.9	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	20	-9.91	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	30	-13.11	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	40	-11.27	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	50	-13.86	0.00		PASS

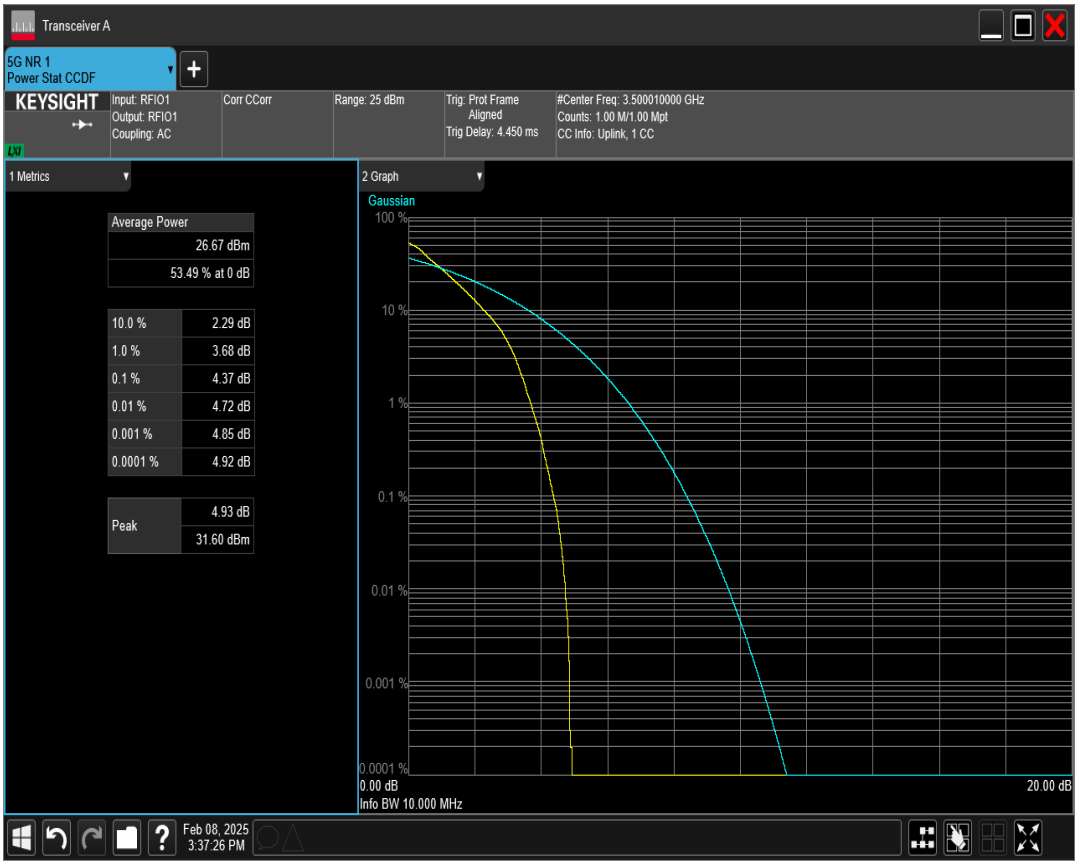
Note: Only the worst case shown in the report.

3 Peak-to-Average Ratio for NR FR1

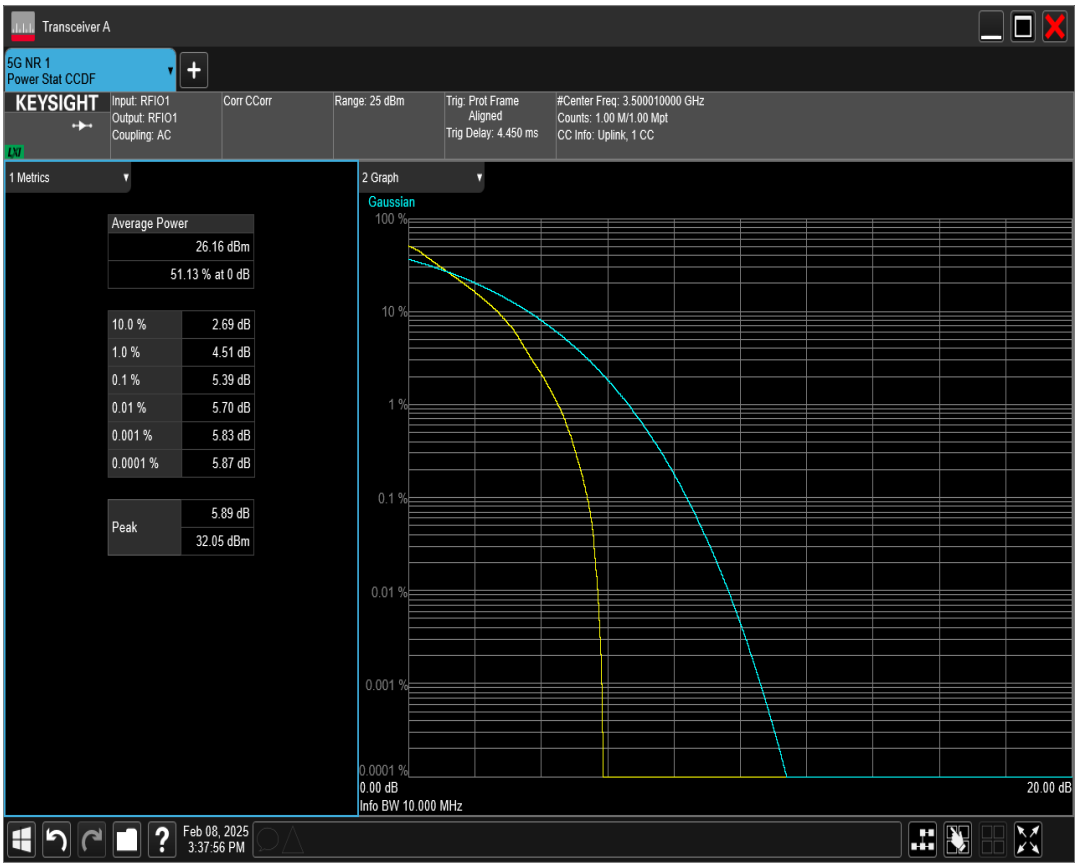
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	4.37	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	5.39	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	6.14	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	6.53	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	7.12	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	4.26	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	5.39	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	6.17	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	6.41	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	6.96	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	4.24	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	5.40	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	6.09	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	6.51	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	6.91	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	4.23	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	5.36	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	6.20	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	6.50	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	7.02	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	4.32	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	5.43	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	6.30	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	6.46	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	6.93	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	4.60	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	5.43	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	6.23	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	6.40	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	6.96	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	4.37	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	5.46	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	6.32	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	6.56	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	7.02	13	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_BPSK	4.61	13	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QPSK	5.70	13	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QAM16	6.43	13	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QAM64	6.69	13	PASS

n77(3450-3550)	30	70	633334	180@0	DFT_QAM256	7.01	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	4.50	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	5.55	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	6.39	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	6.59	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	6.96	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	4.52	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	5.61	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	6.29	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	6.54	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	7.01	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	4.69	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	5.62	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	6.43	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	6.81	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	6.90	13	PASS

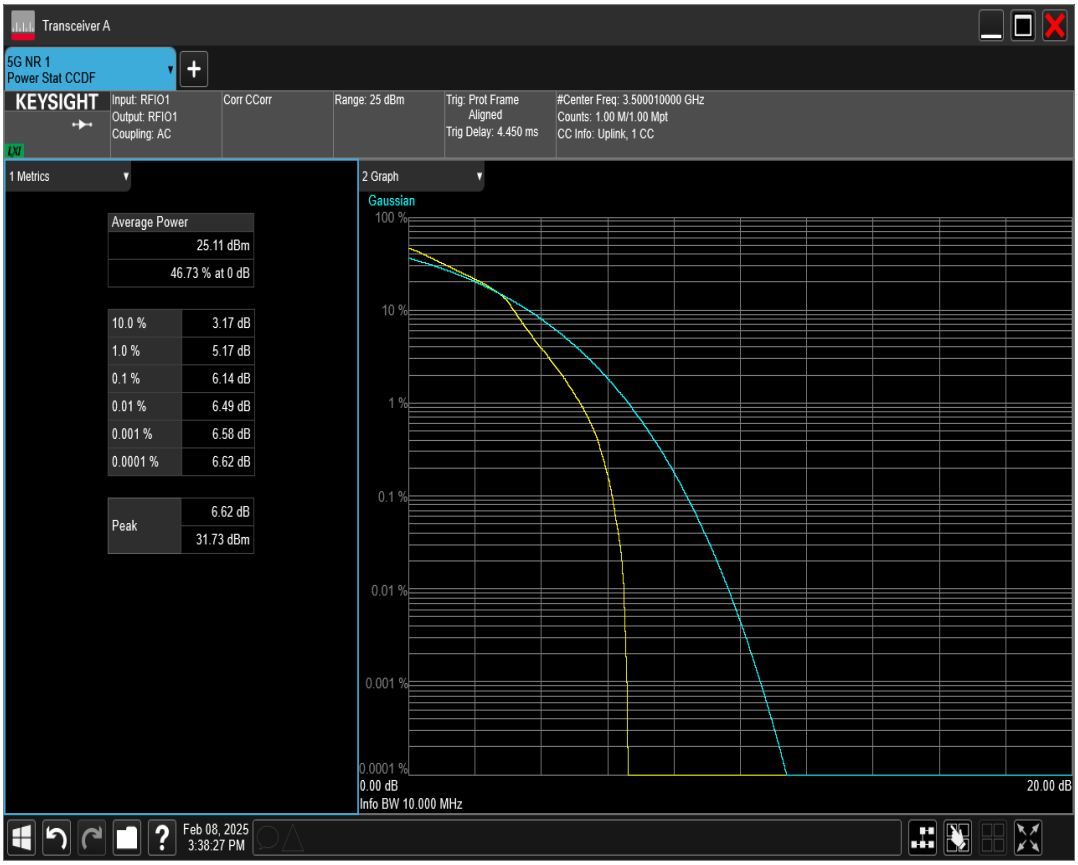
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



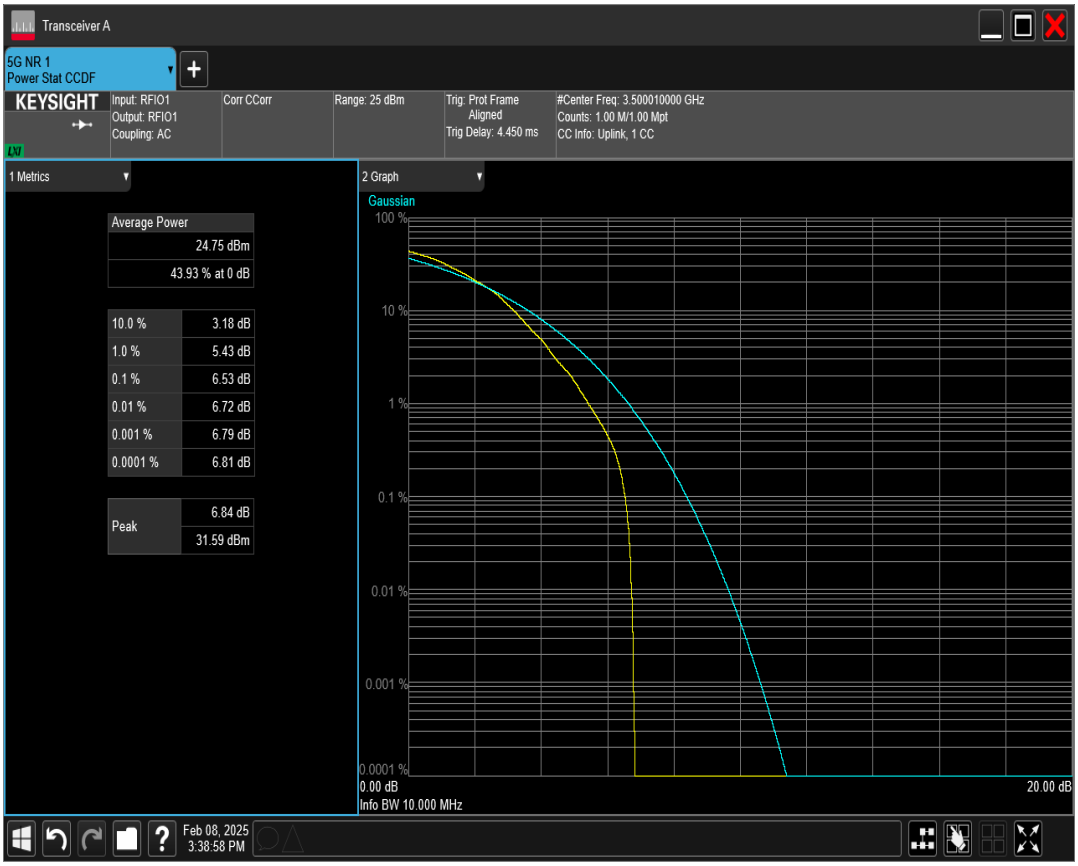
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



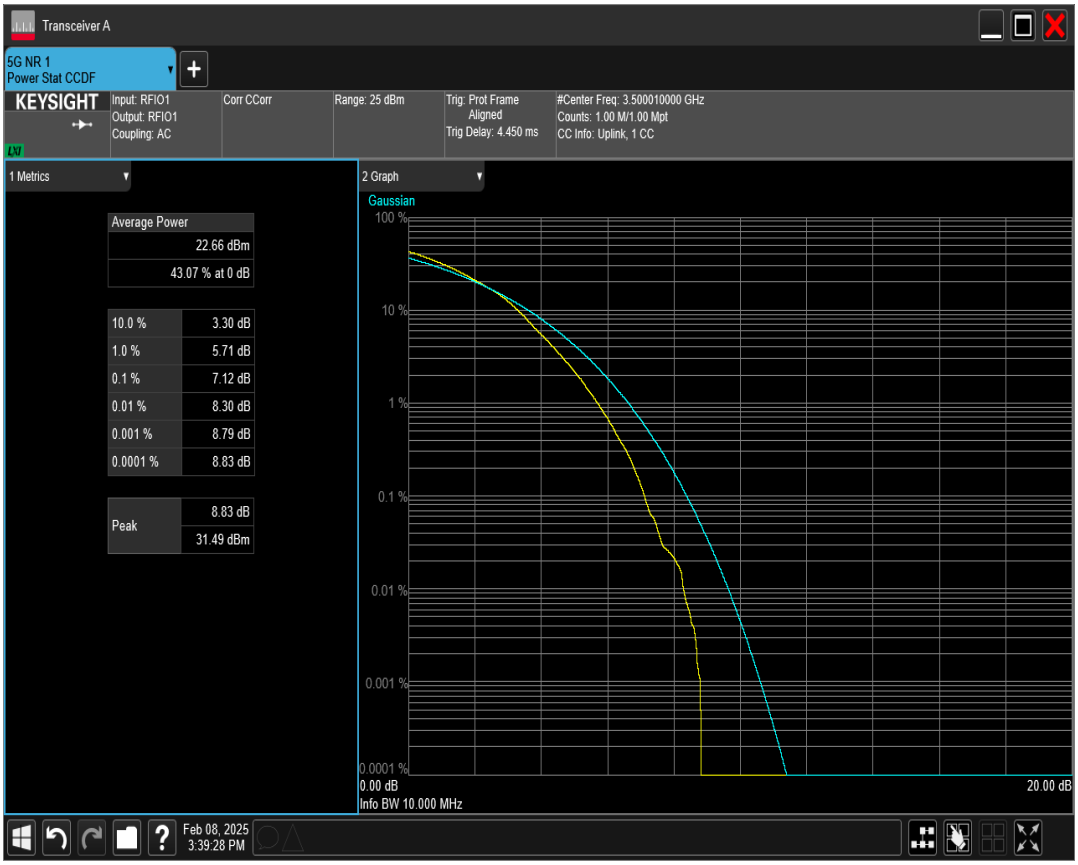
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=633334 RB=24@0



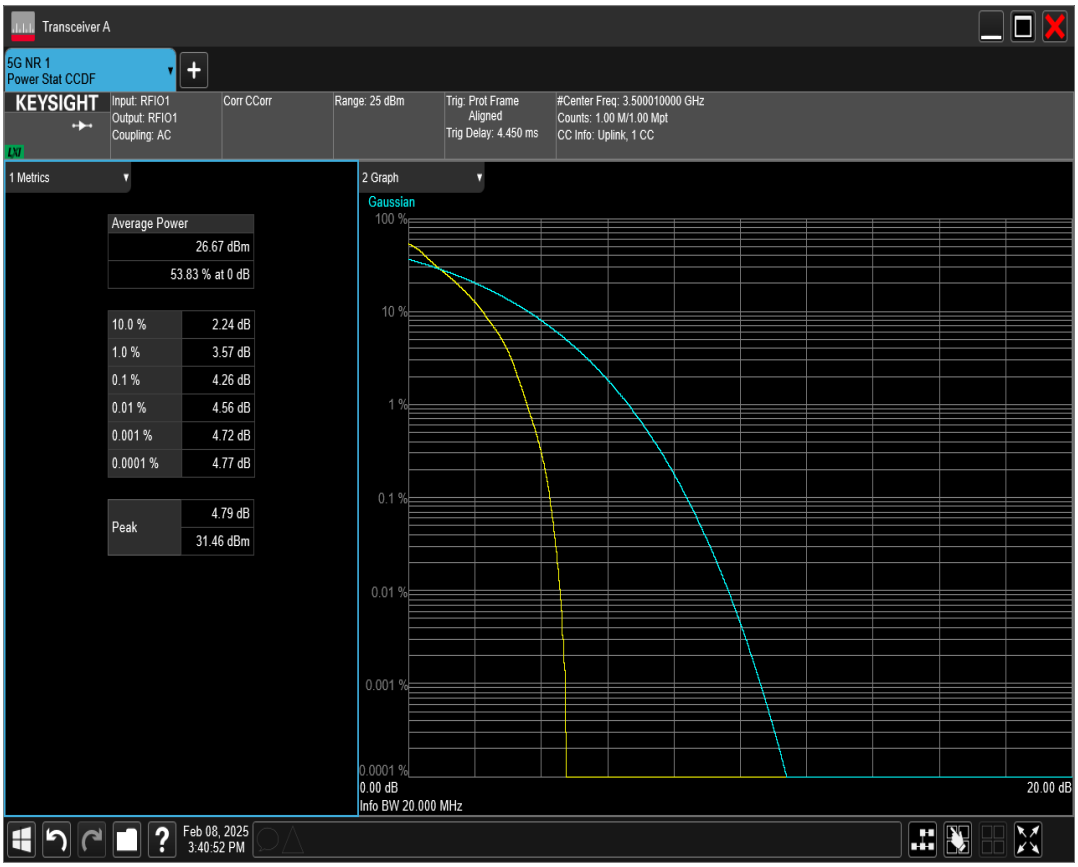
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=633334 RB=24@0



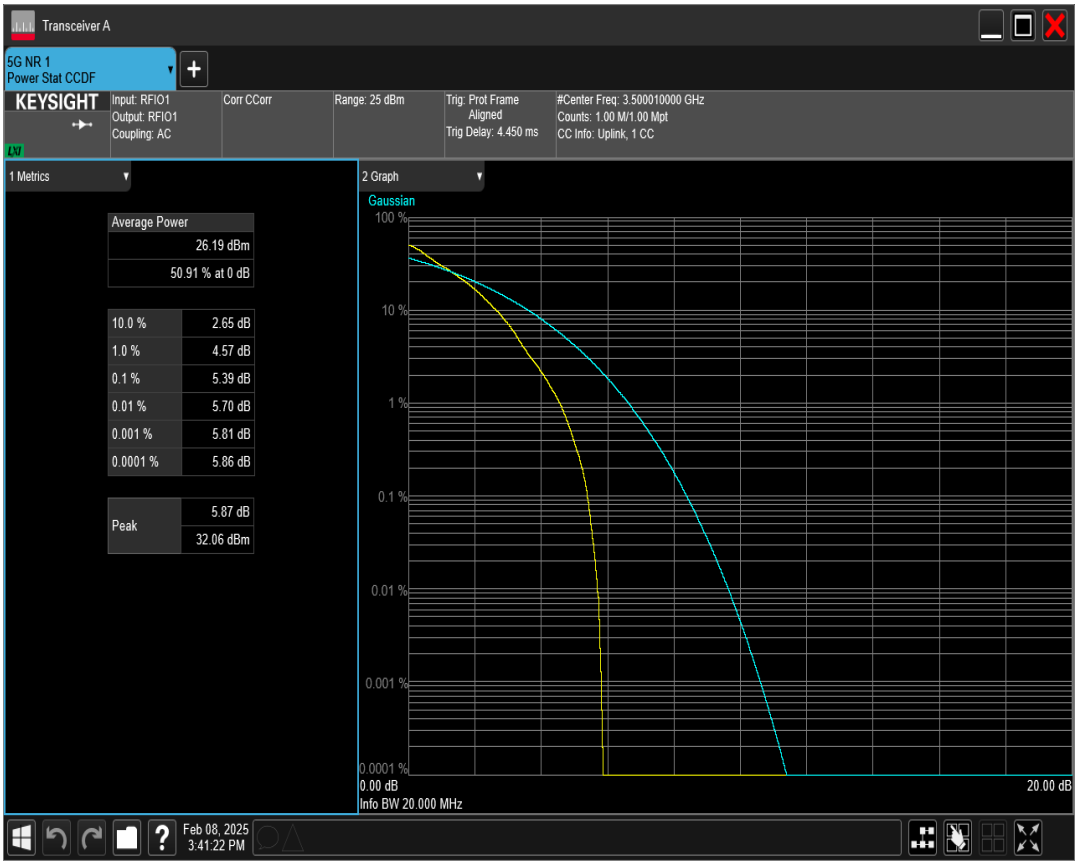
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=633334 RB=24@0



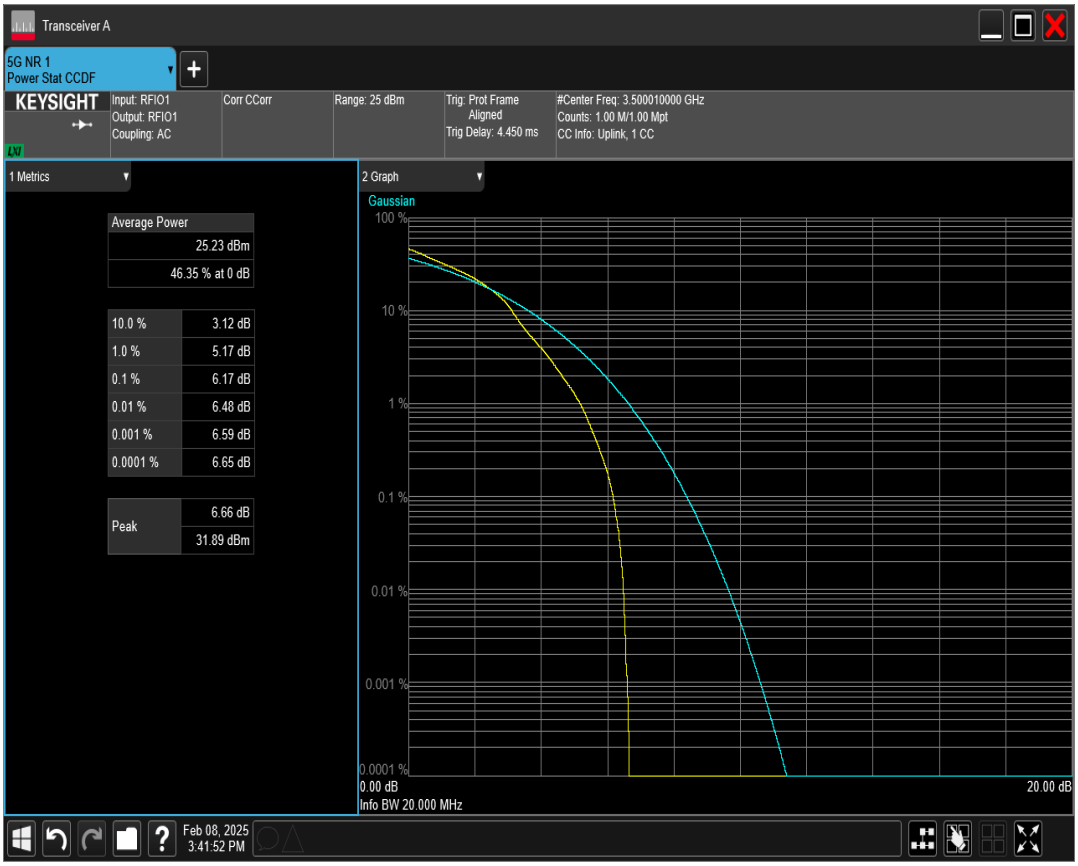
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



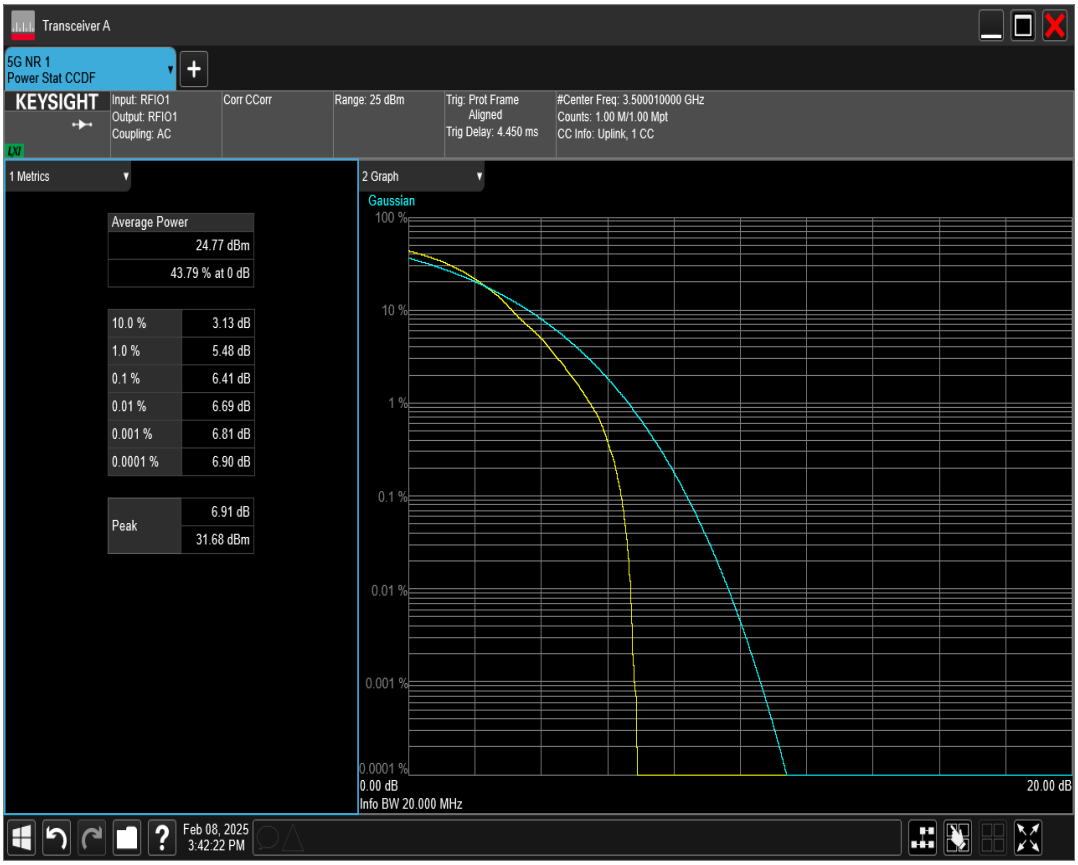
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36@0



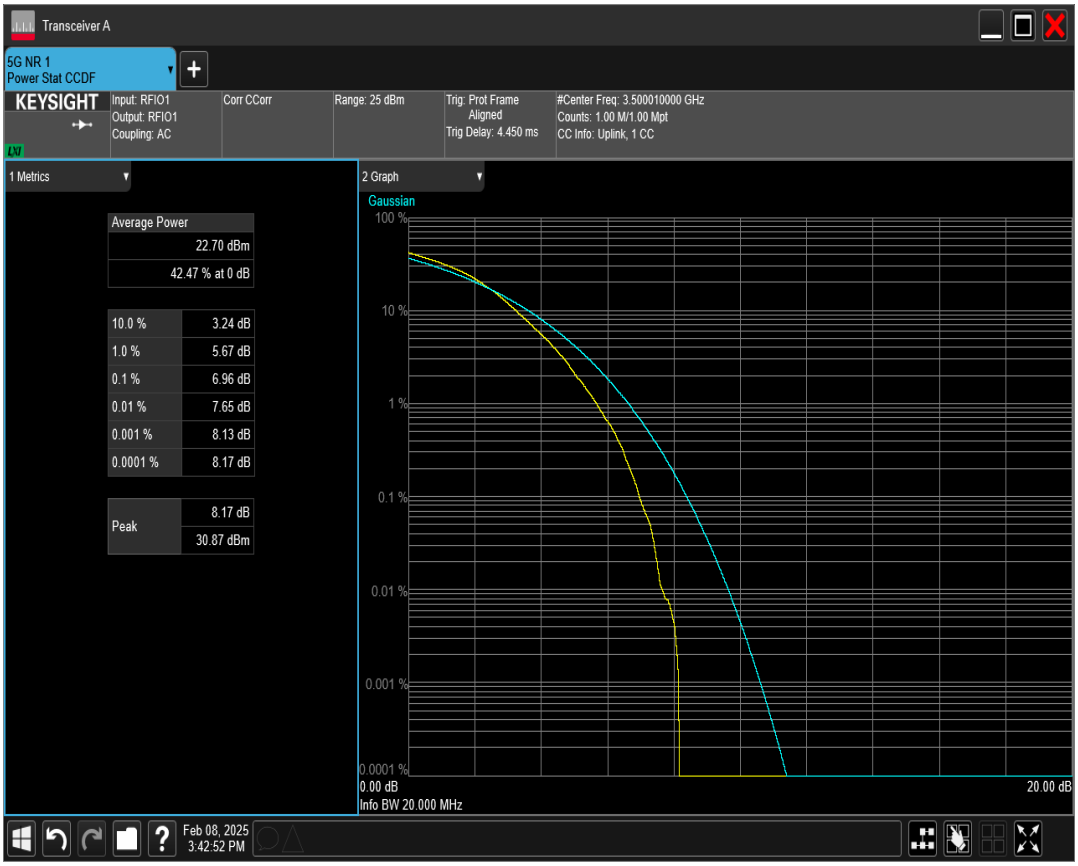
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=633334 RB=36@0



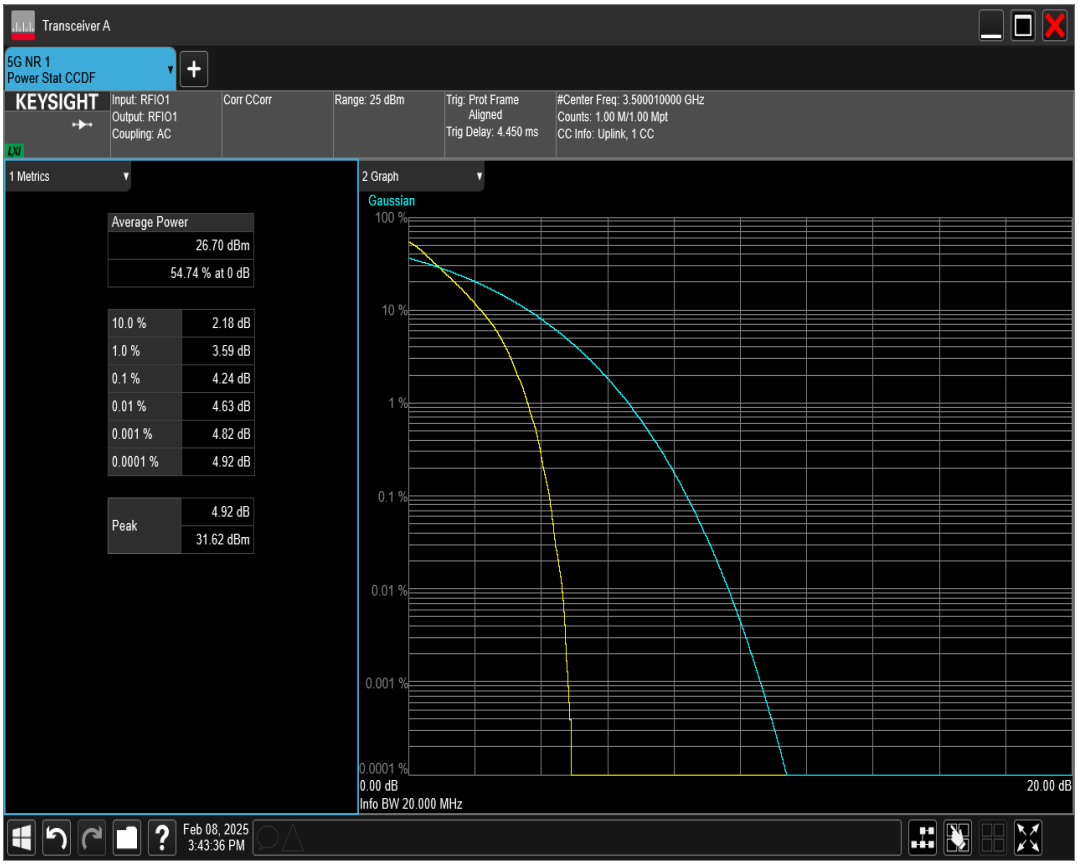
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=633334 RB=36@0



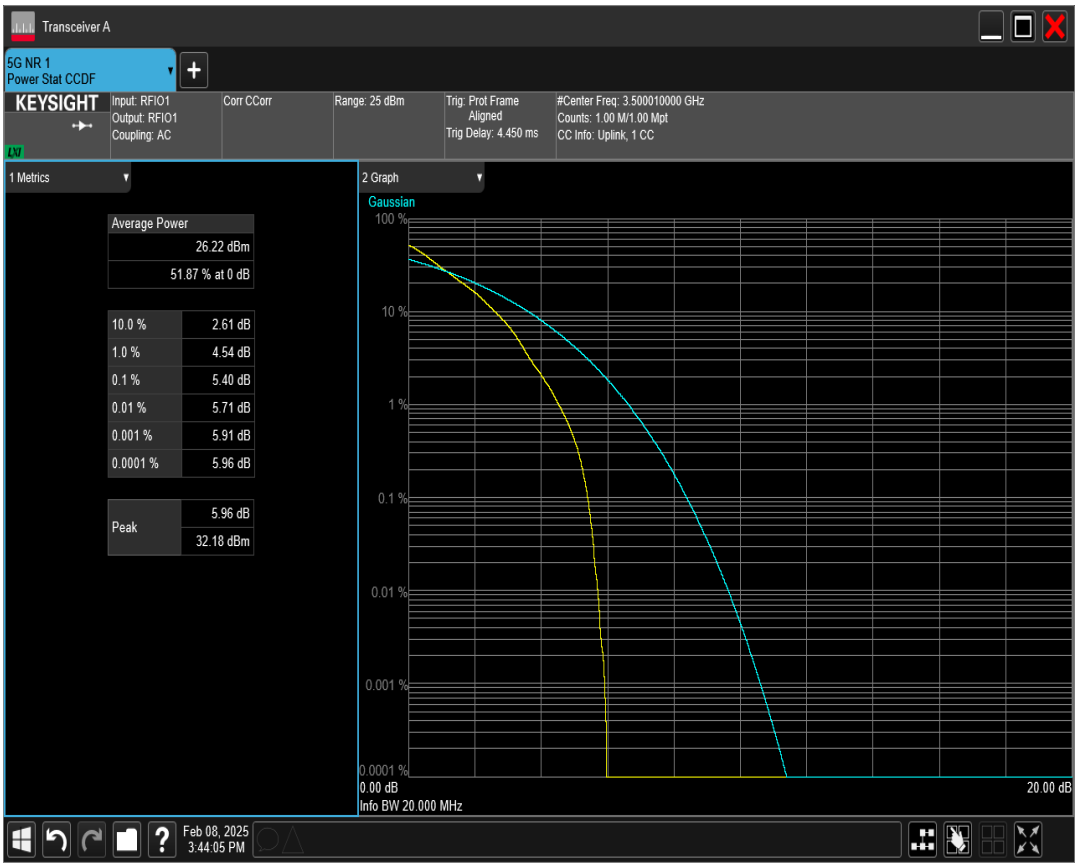
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=633334 RB=36@0



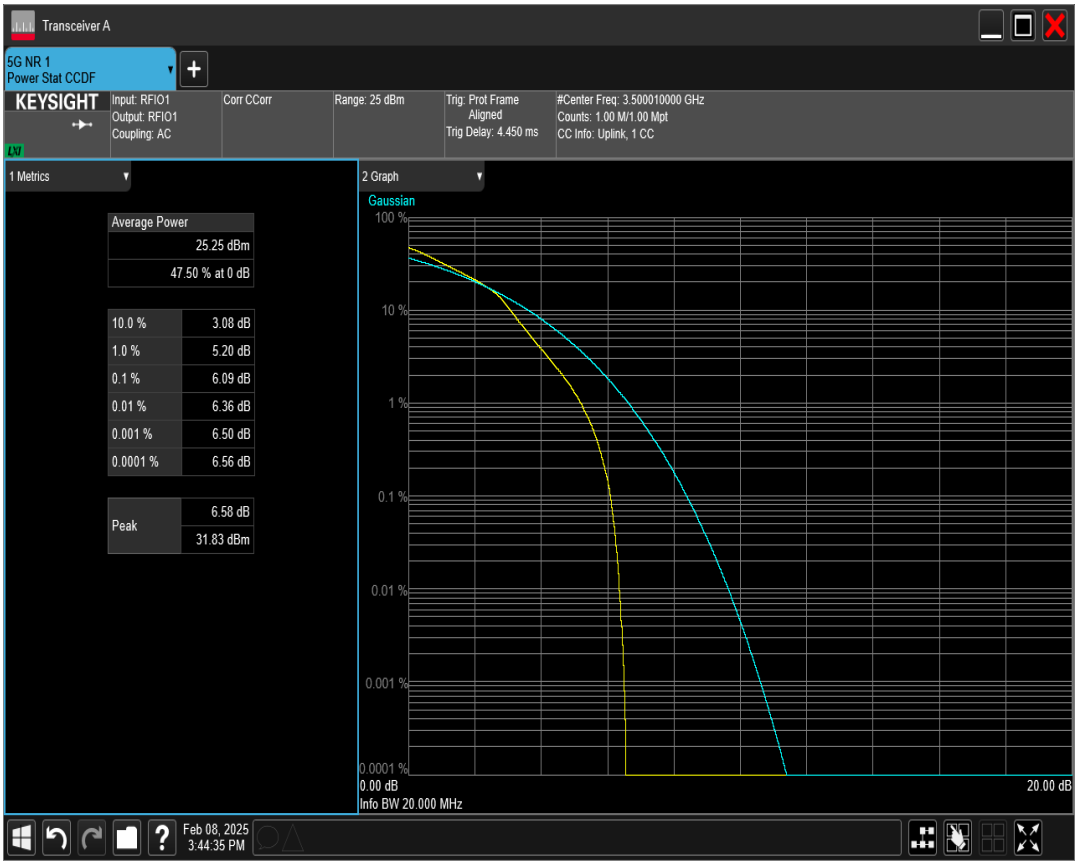
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50@0



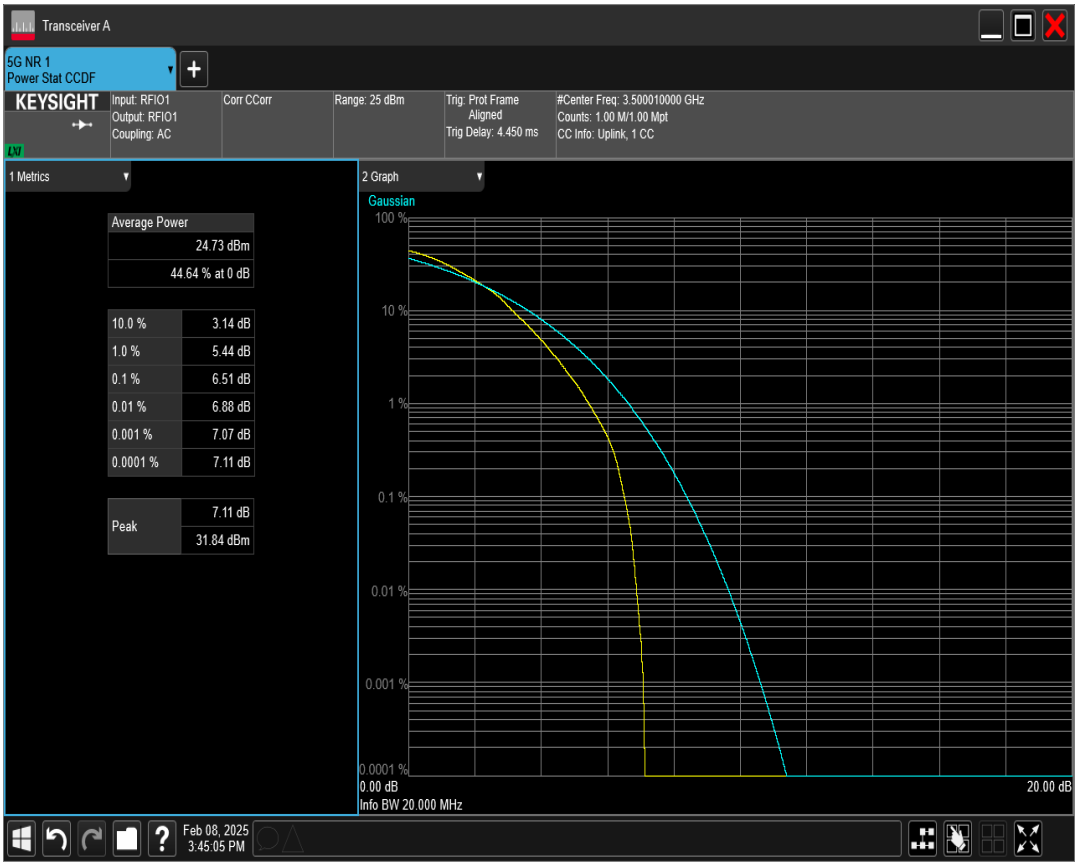
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=50@0



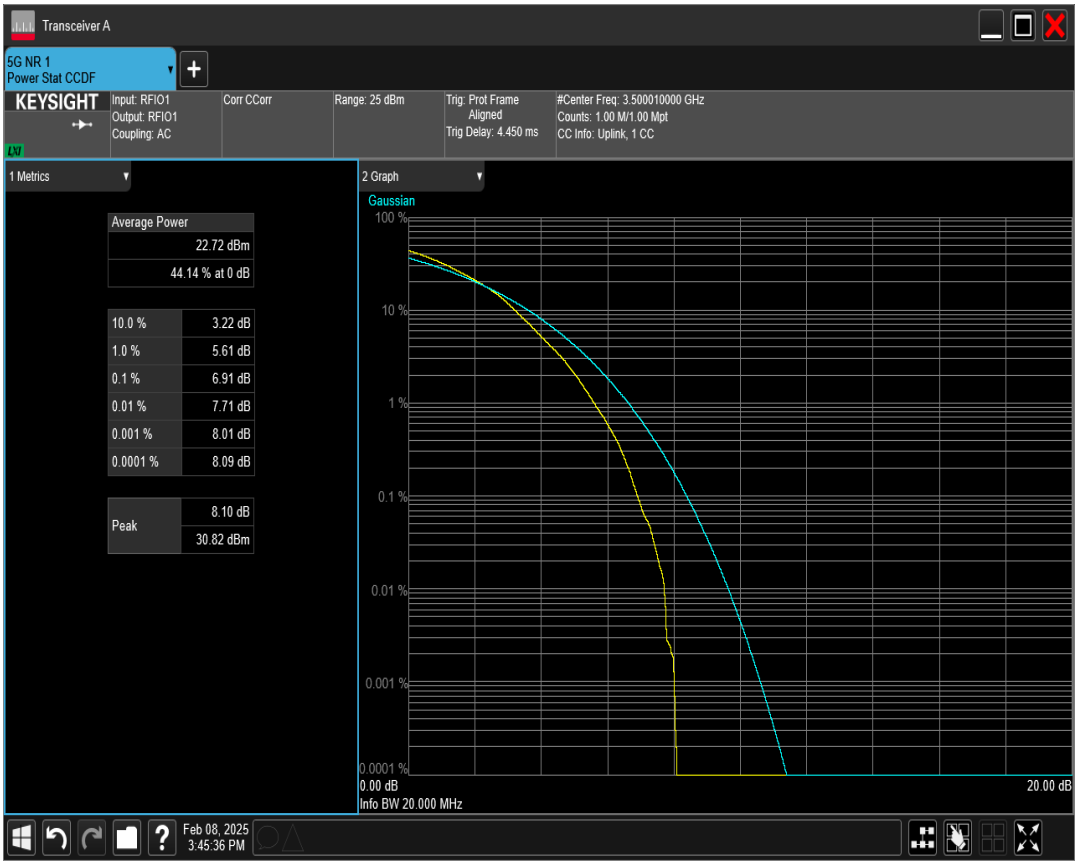
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=633334 RB=50@0



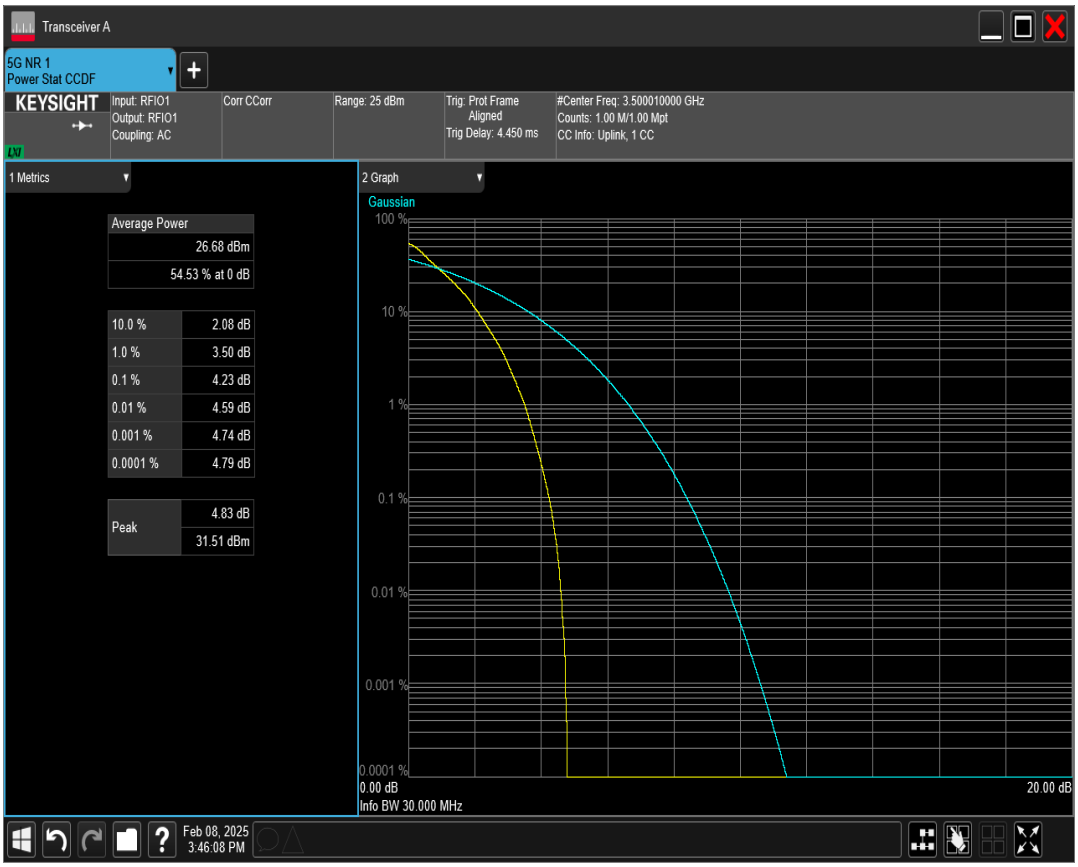
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=20MHz Channel=633334 RB=50@0



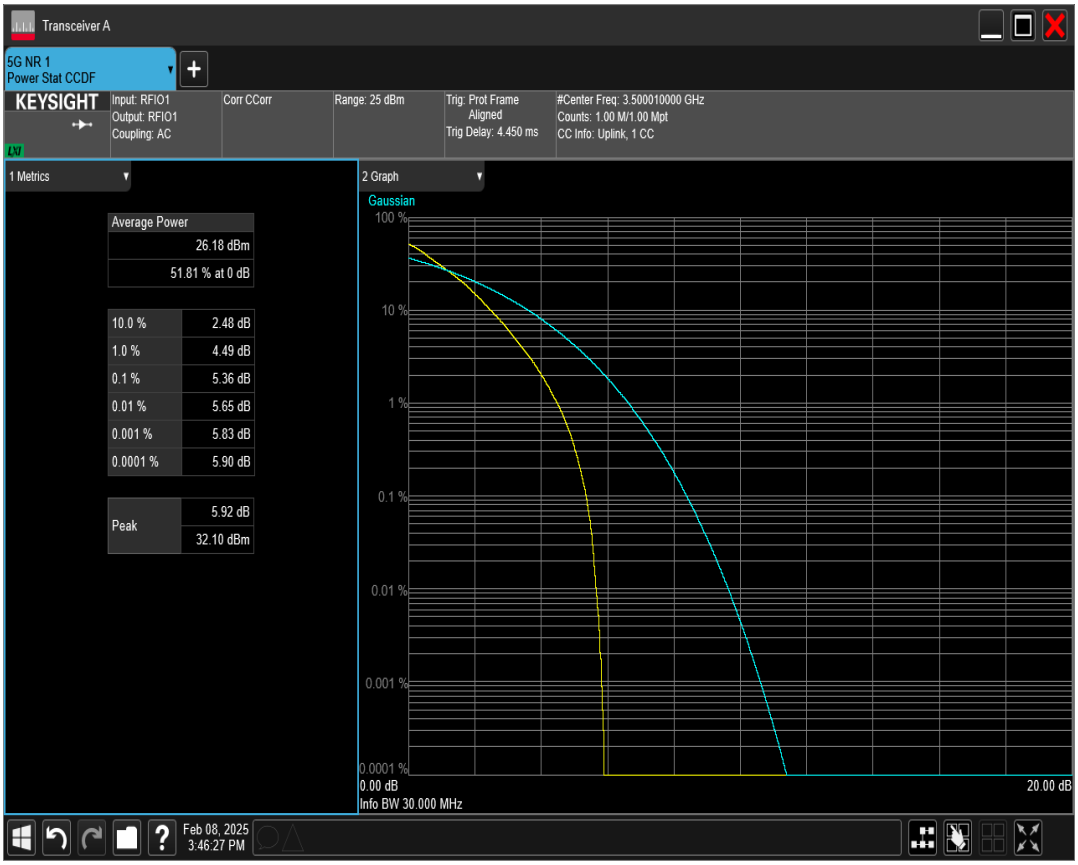
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=633334 RB=50@0



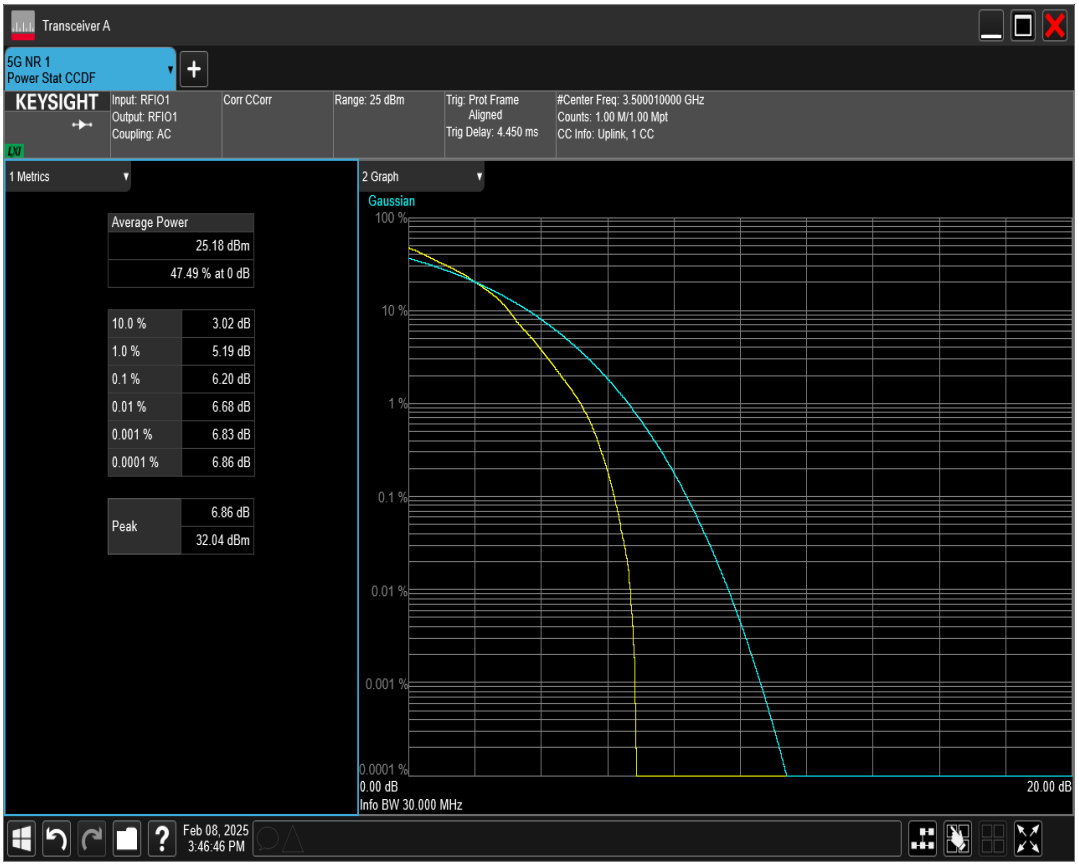
n77(3450-3550) SCS=30kHz DFT_BPSK BW=30MHz Channel=633334 RB=75@0



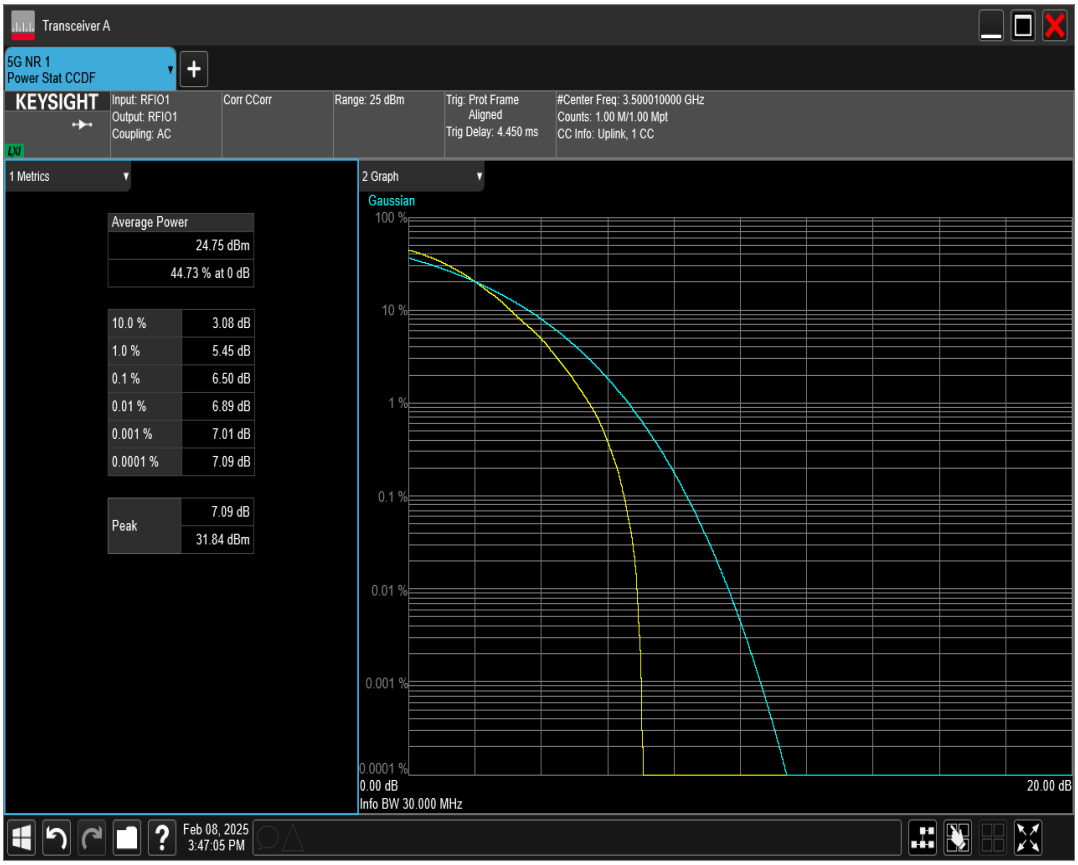
n77(3450-3550) SCS=30kHz DFT_QPSK BW=30MHz Channel=633334 RB=75@0



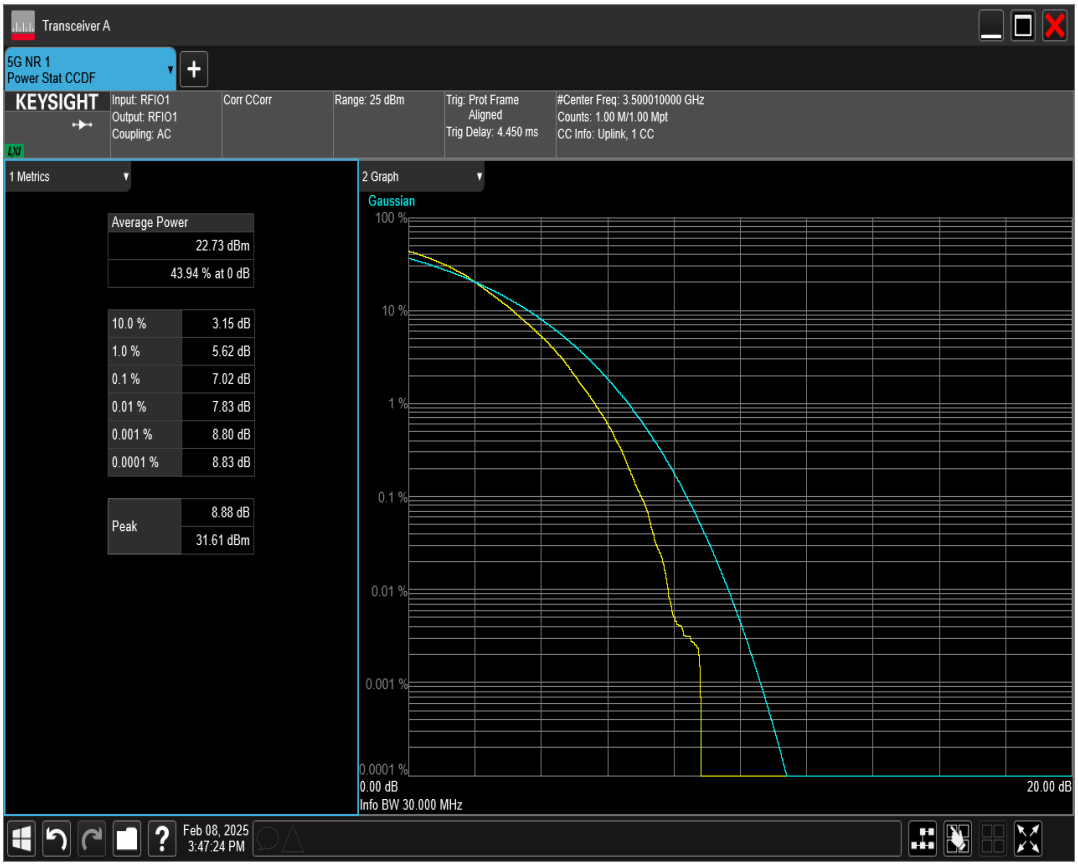
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=30MHz Channel=633334 RB=75@0



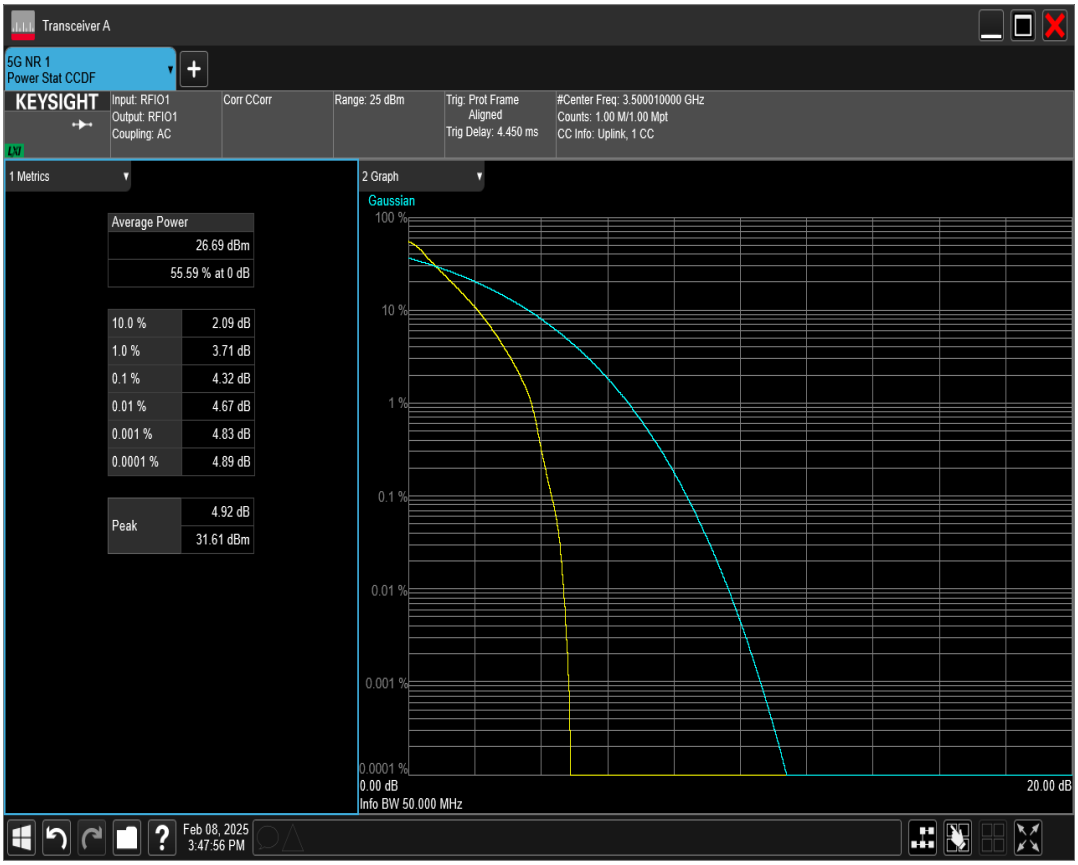
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=30MHz Channel=633334 RB=75@0



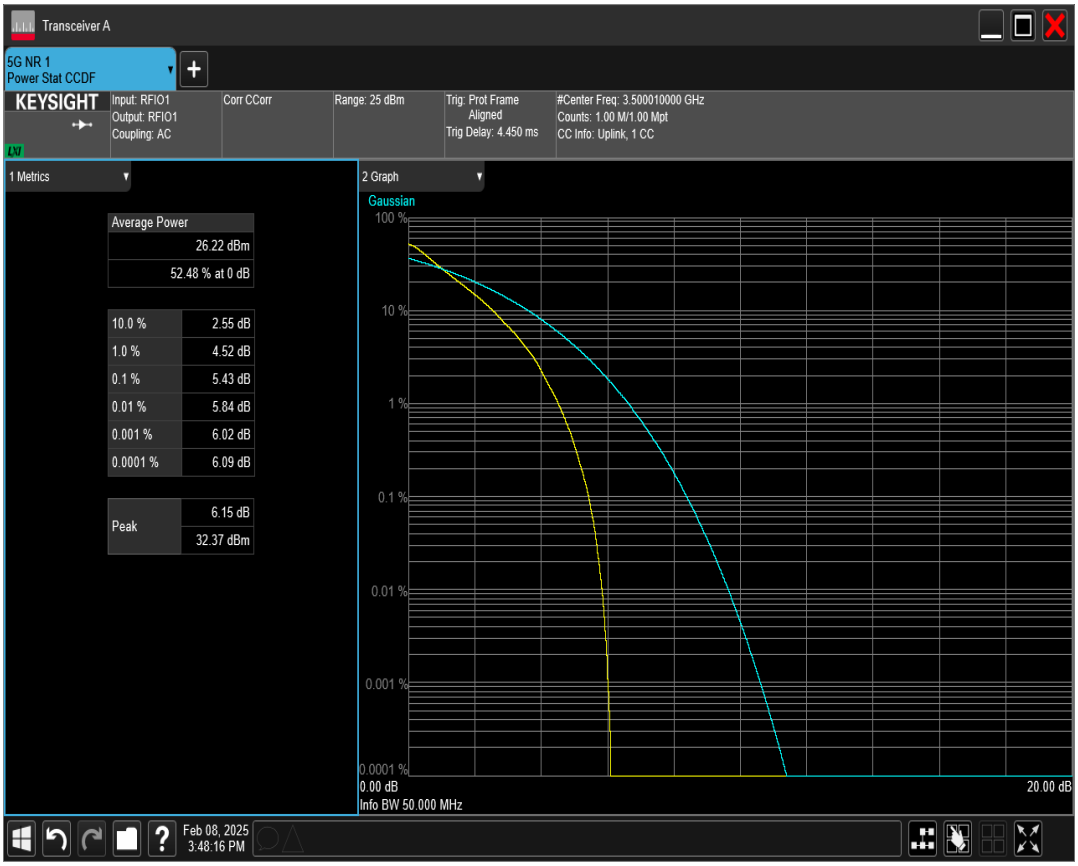
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=30MHz Channel=633334 RB=75@0



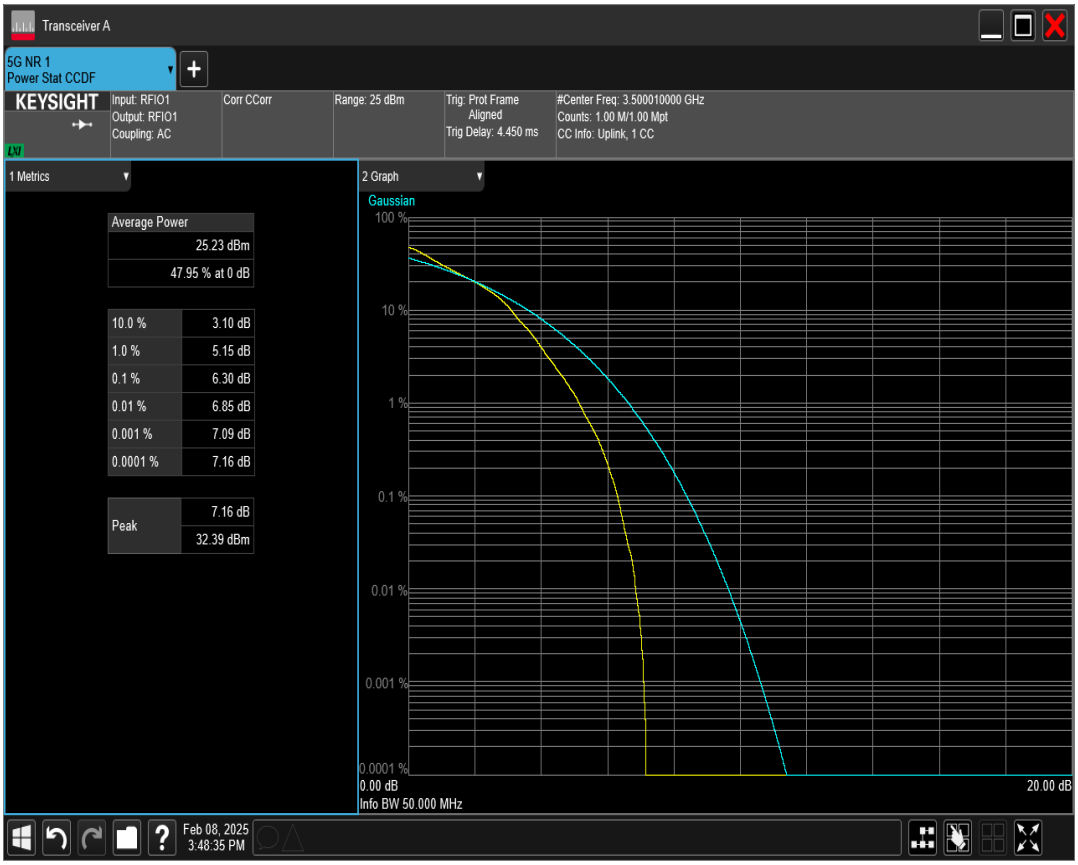
n77(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz Channel=633334 RB=100@0



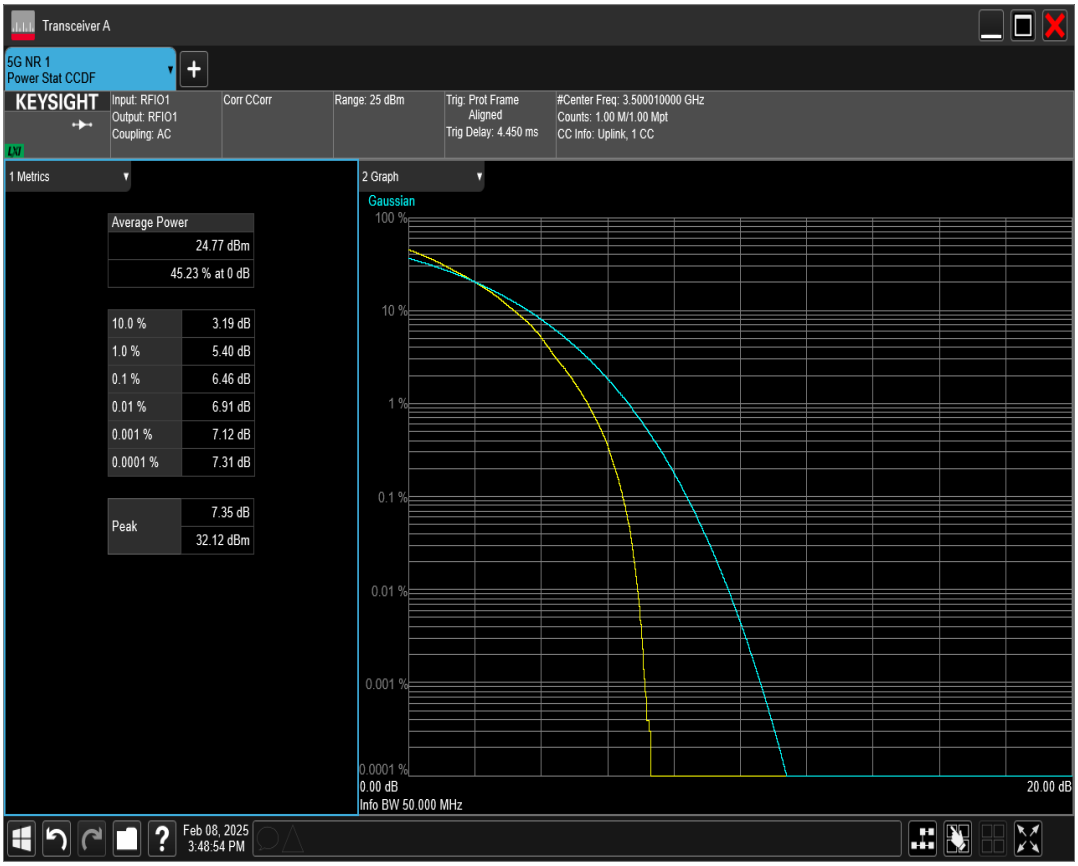
n77(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=633334 RB=100@0



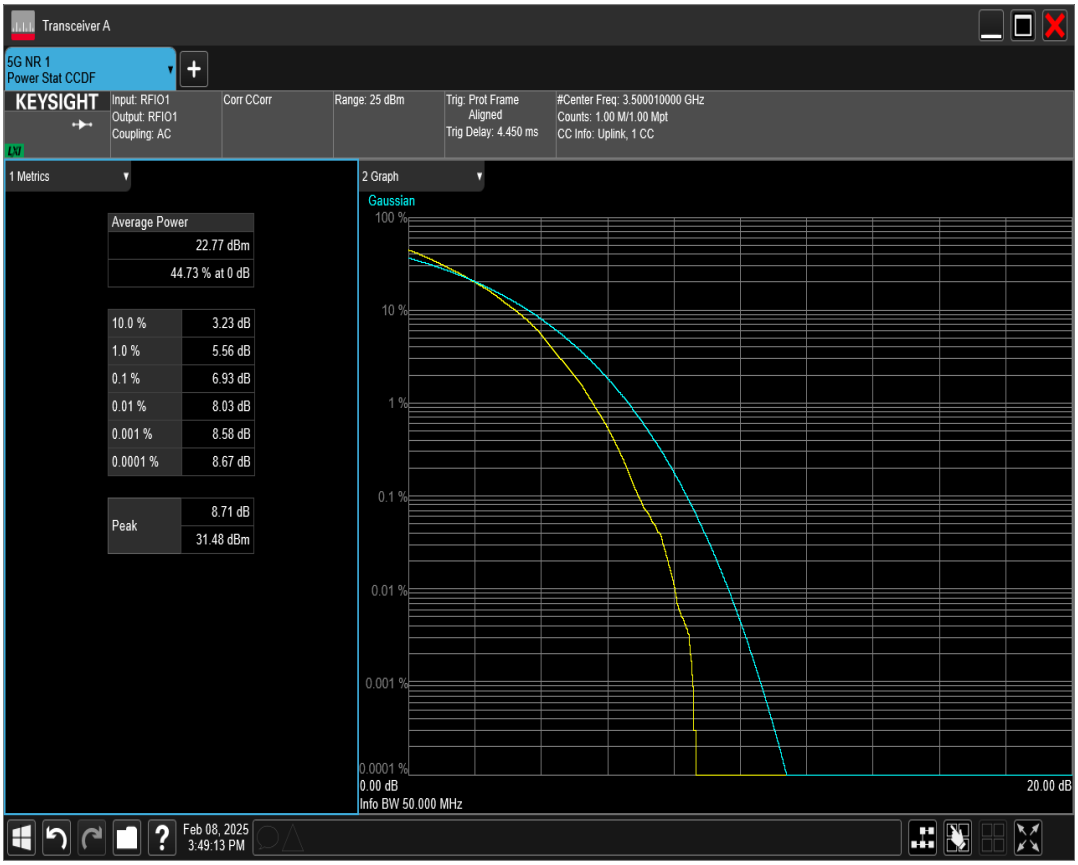
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=40MHz Channel=633334 RB=100@0



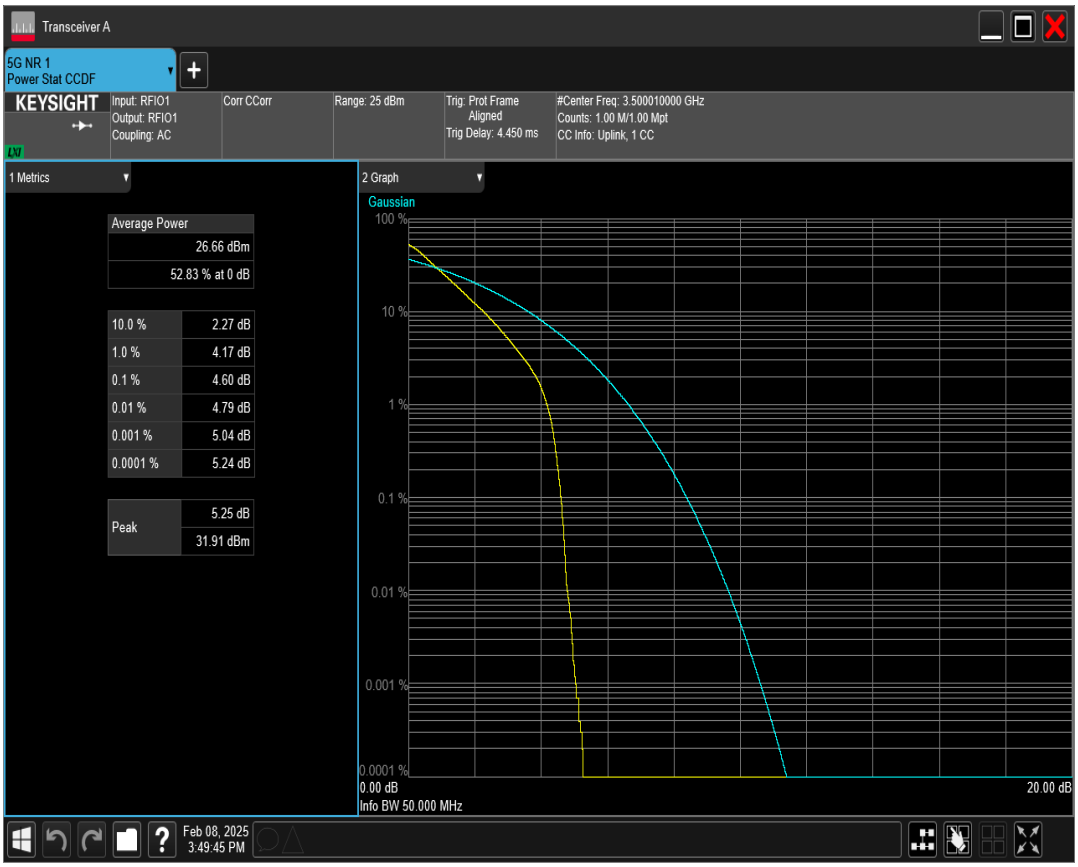
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=40MHz Channel=633334 RB=100@0



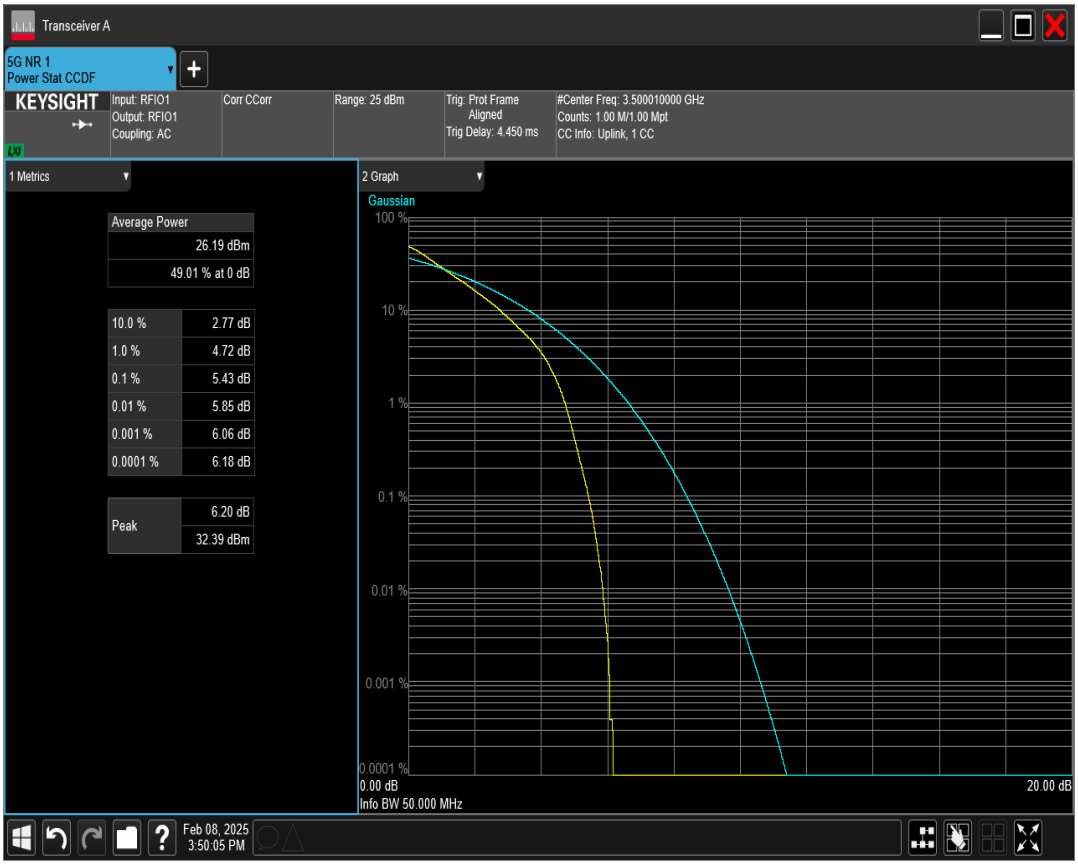
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=40MHz Channel=633334 RB=100@0



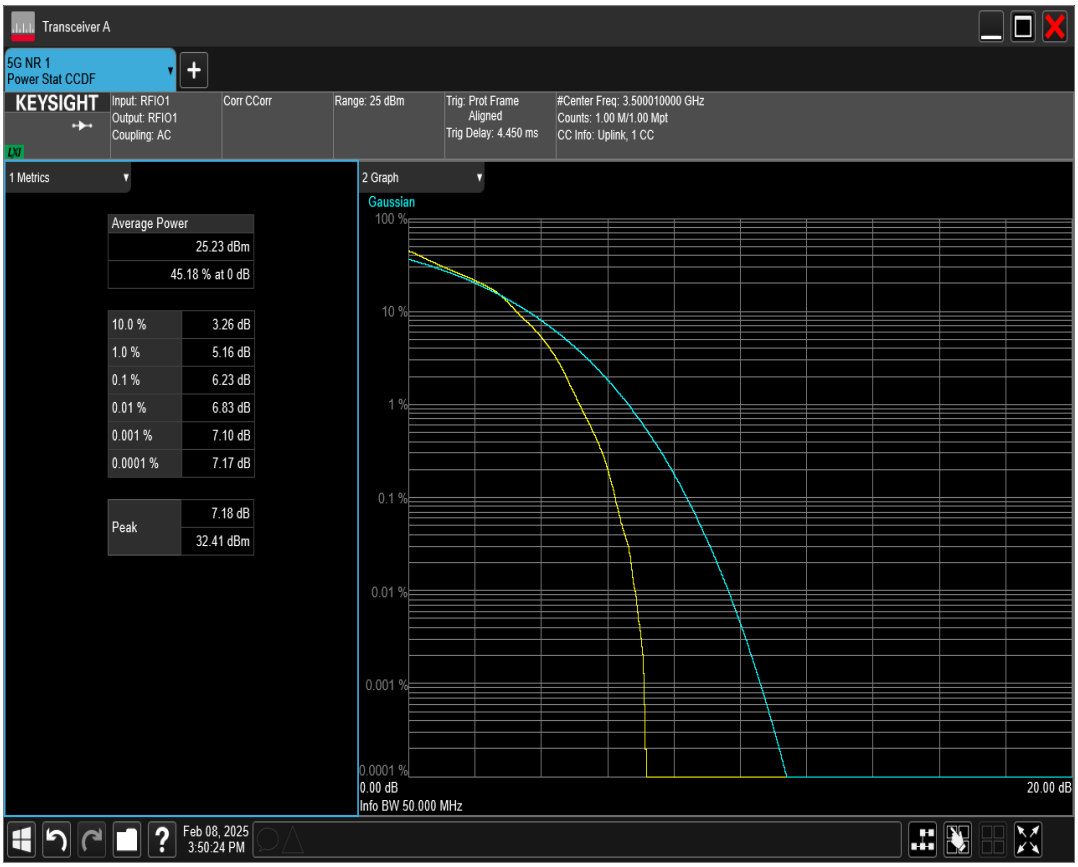
n77(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=633334 RB=128@0



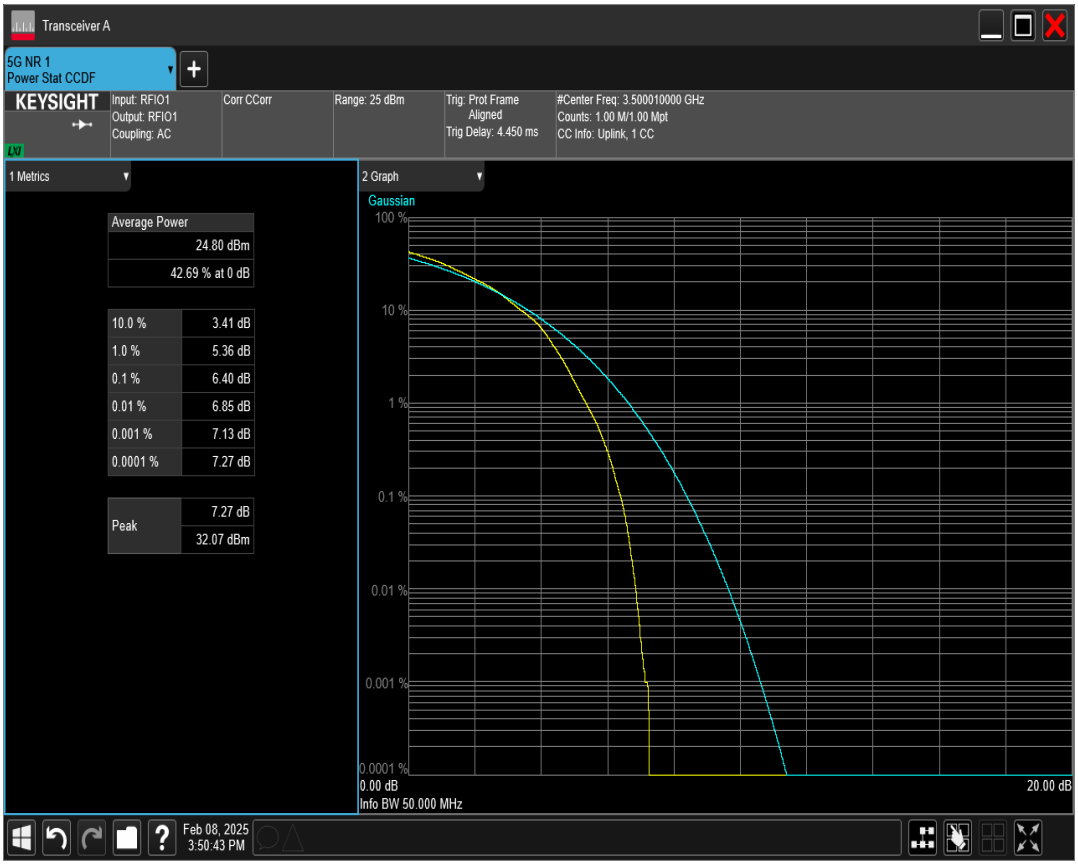
n77(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=633334 RB=128@0



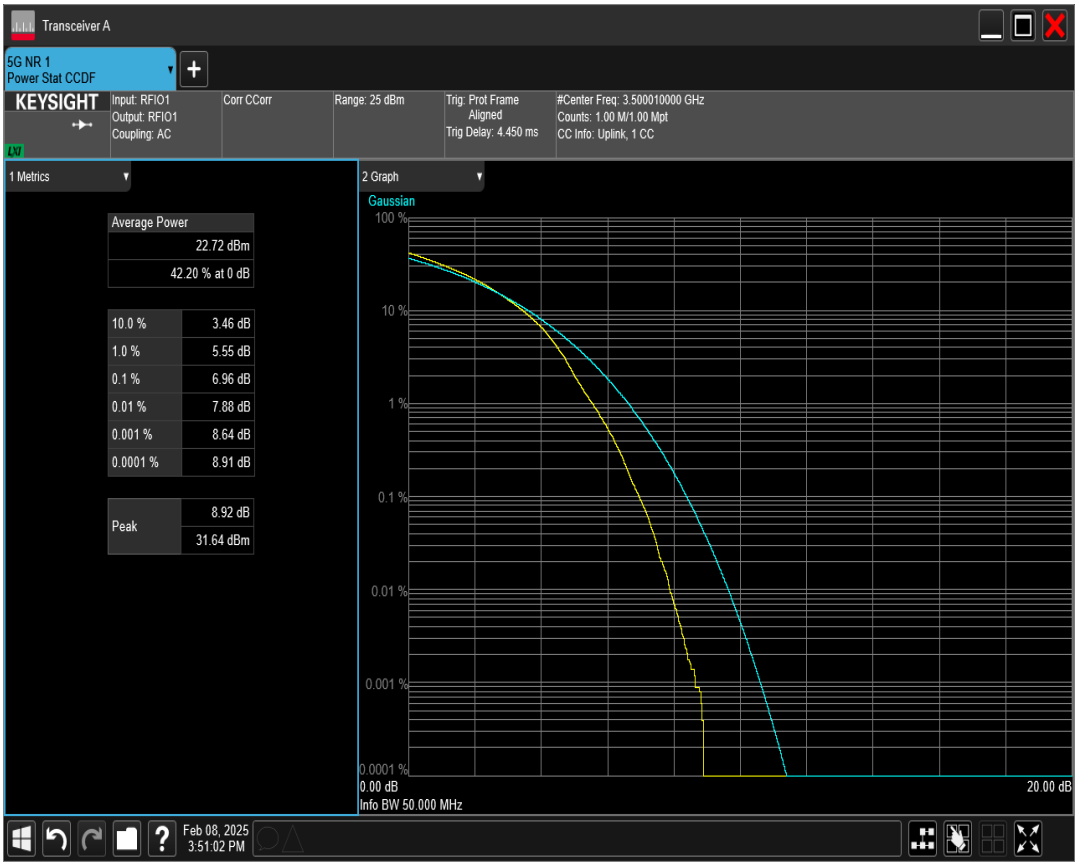
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=50MHz Channel=633334 RB=128@0



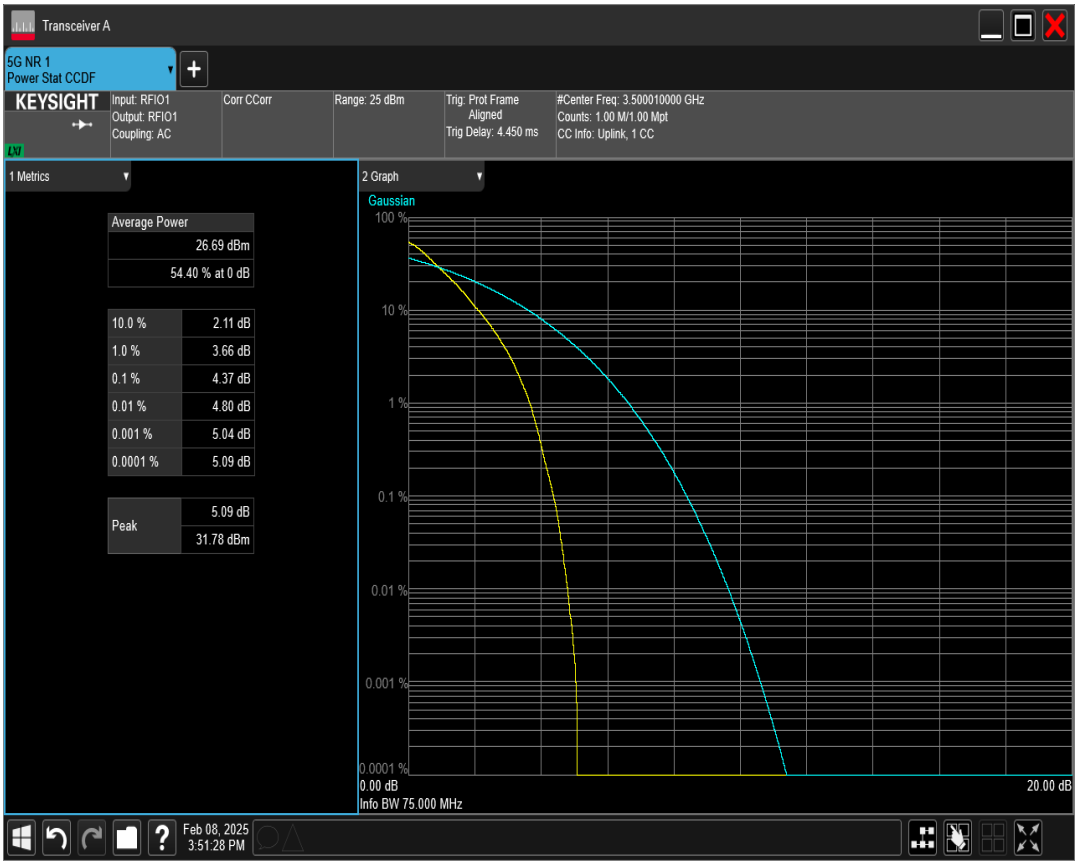
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=633334 RB=128@0



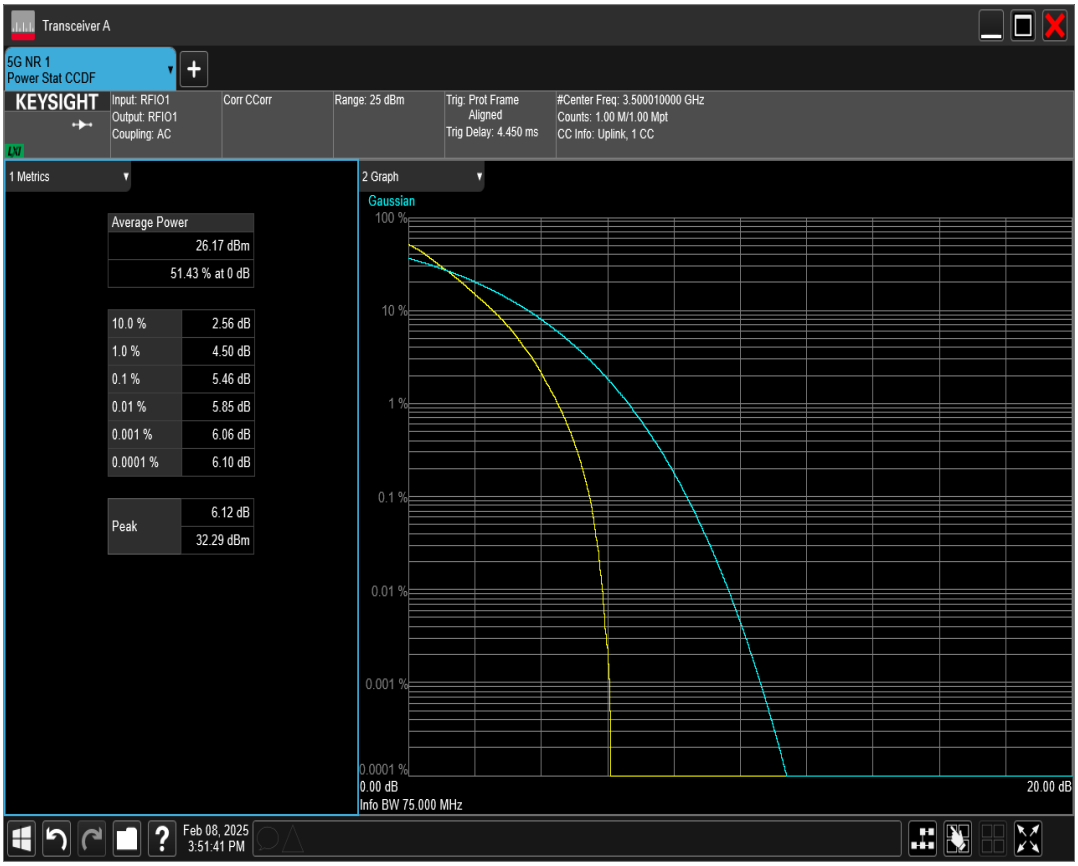
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=50MHz Channel=633334 RB=128@0



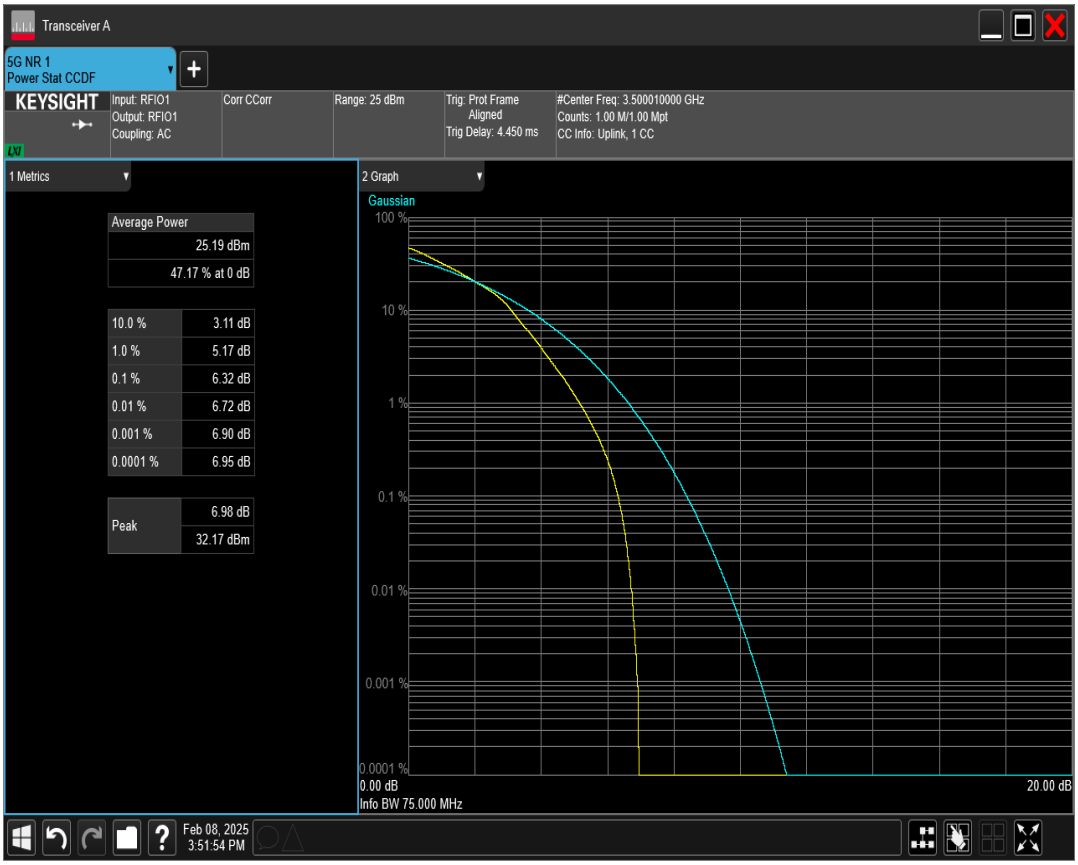
n77(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=633334 RB=162@0



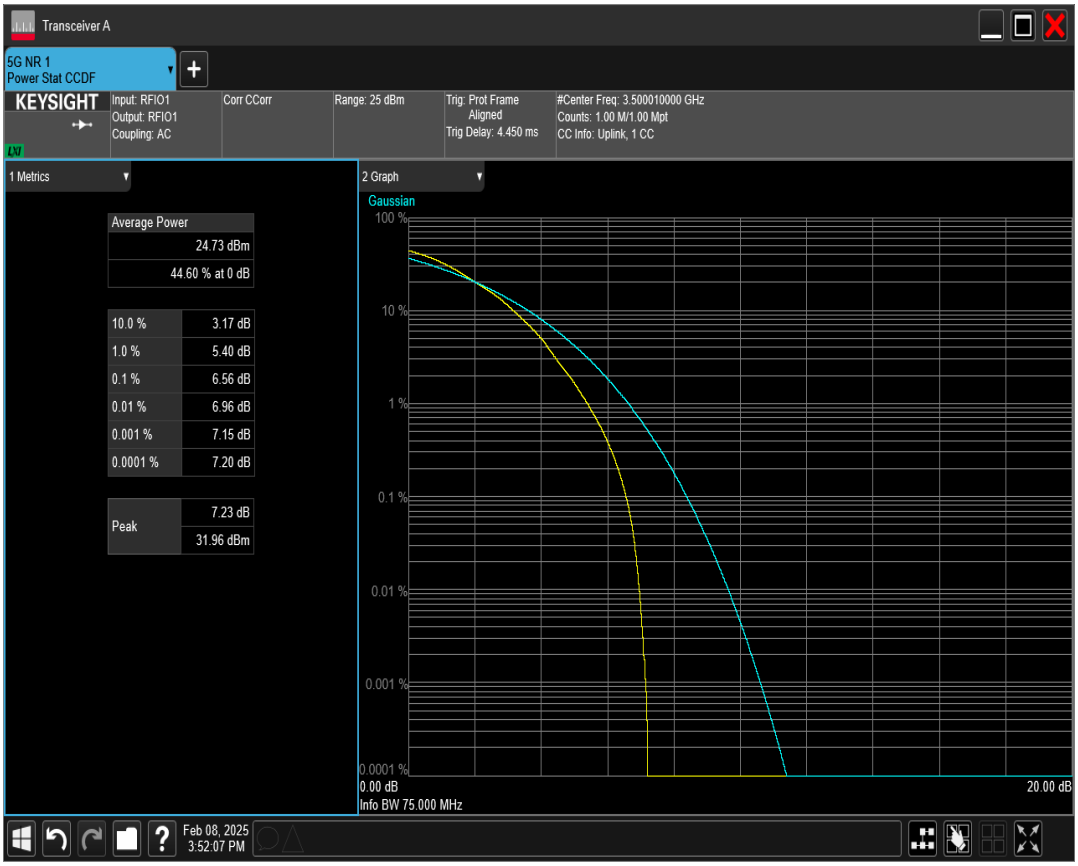
n77(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=633334 RB=162@0



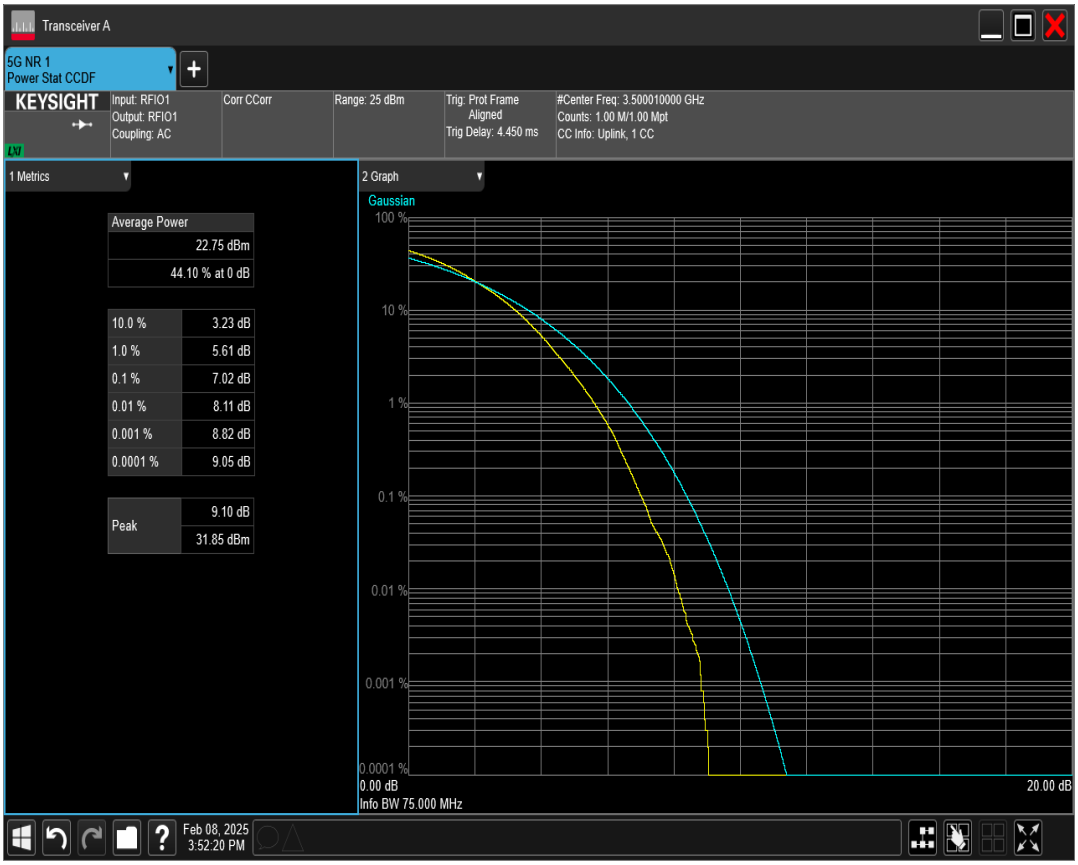
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=60MHz Channel=633334 RB=162@0



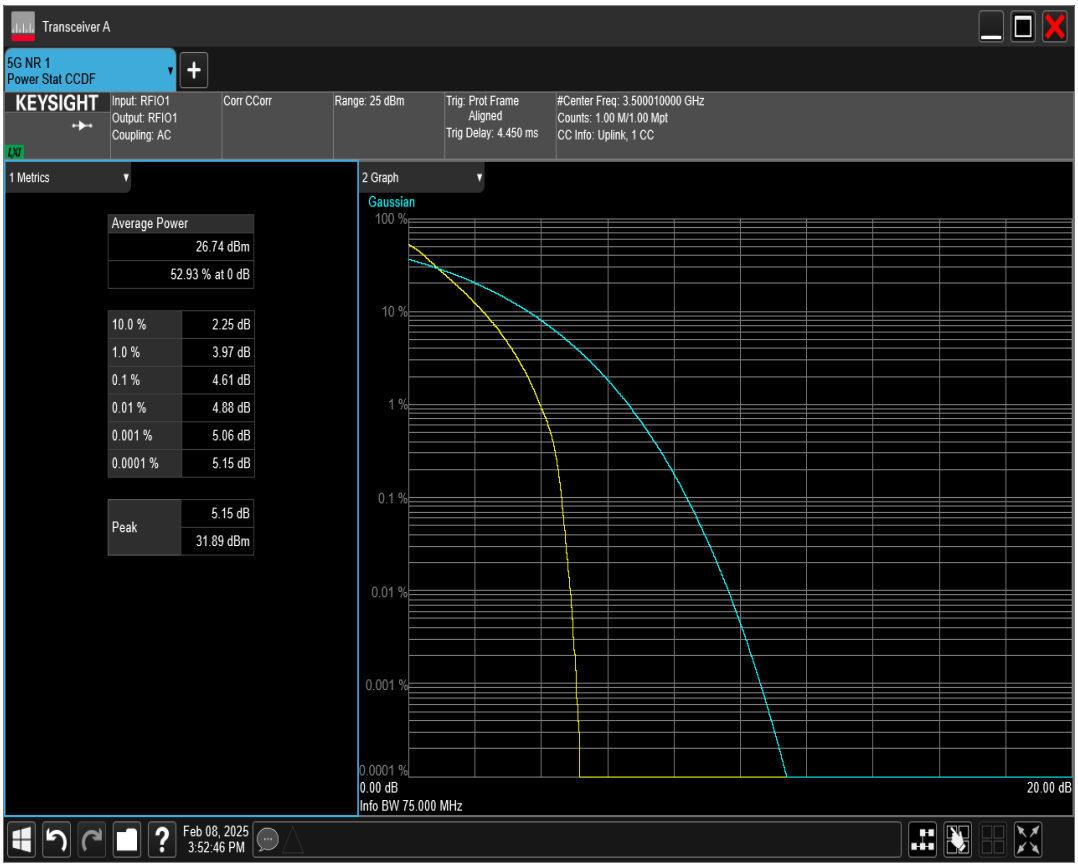
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=633334 RB=162@0



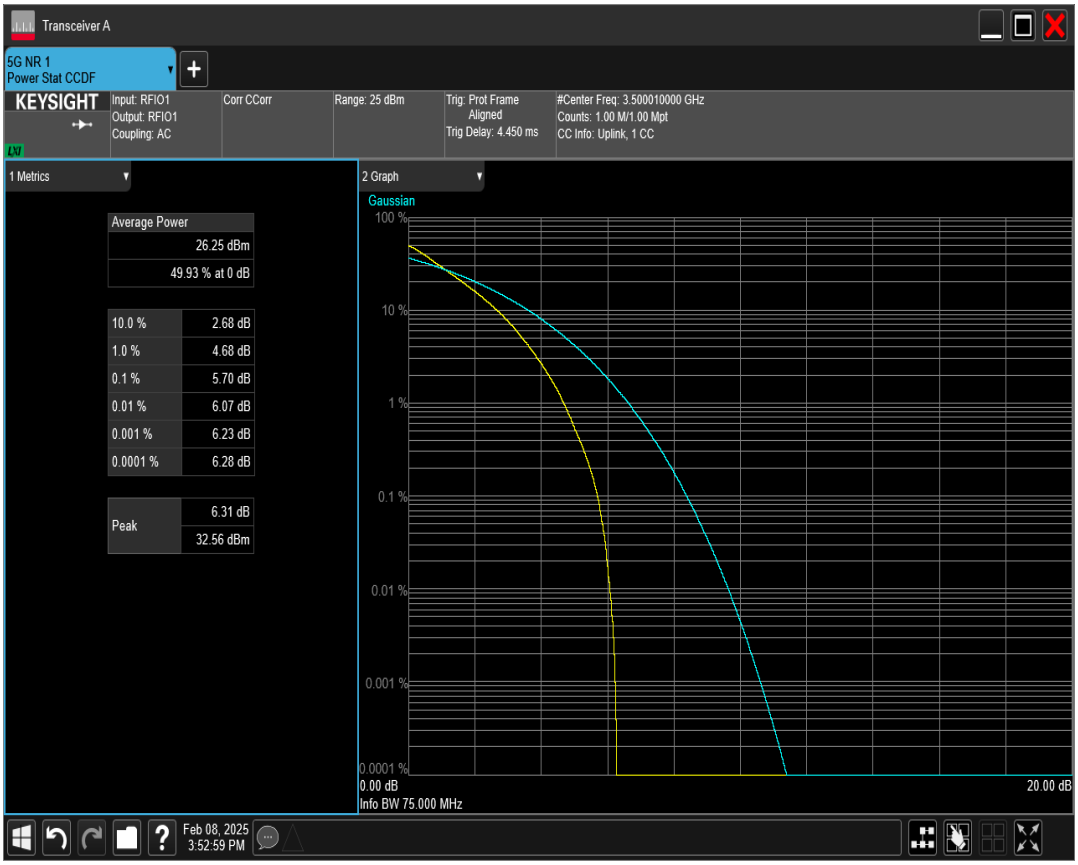
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=60MHz Channel=633334 RB=162@0



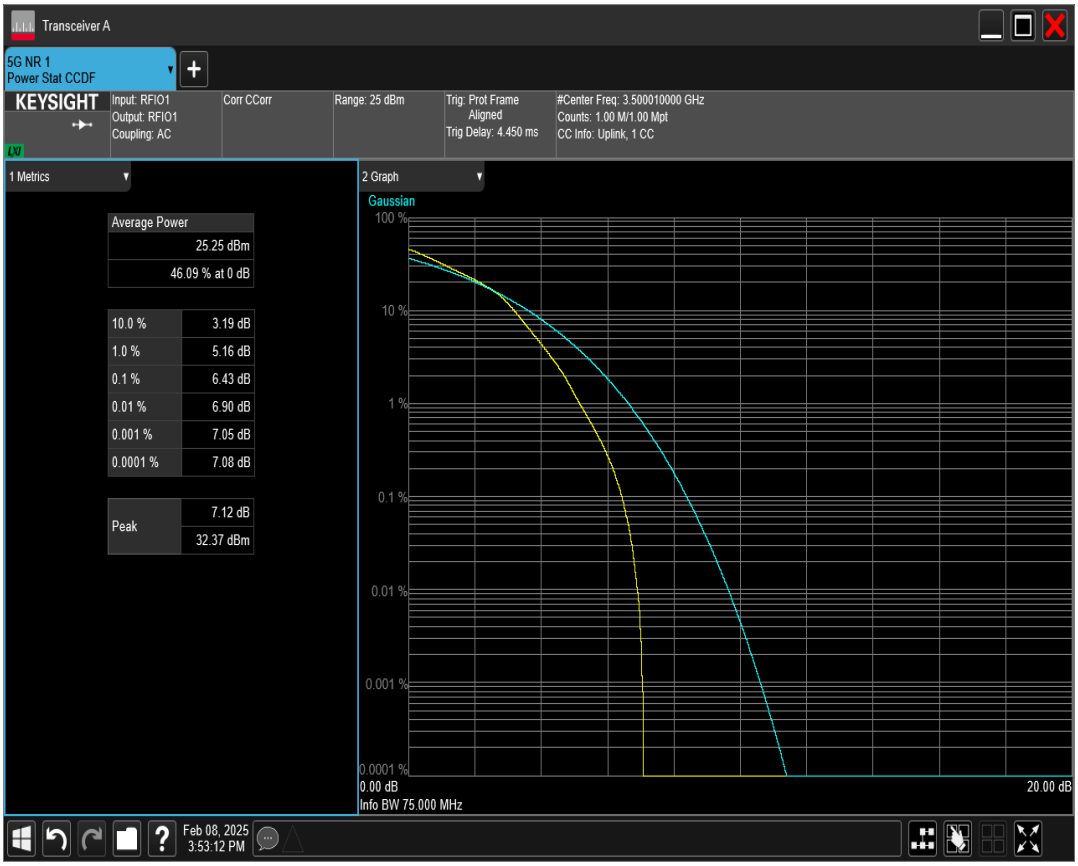
n77(3450-3550) SCS=30kHz DFT_BPSK BW=70MHz Channel=633334 RB=180@0



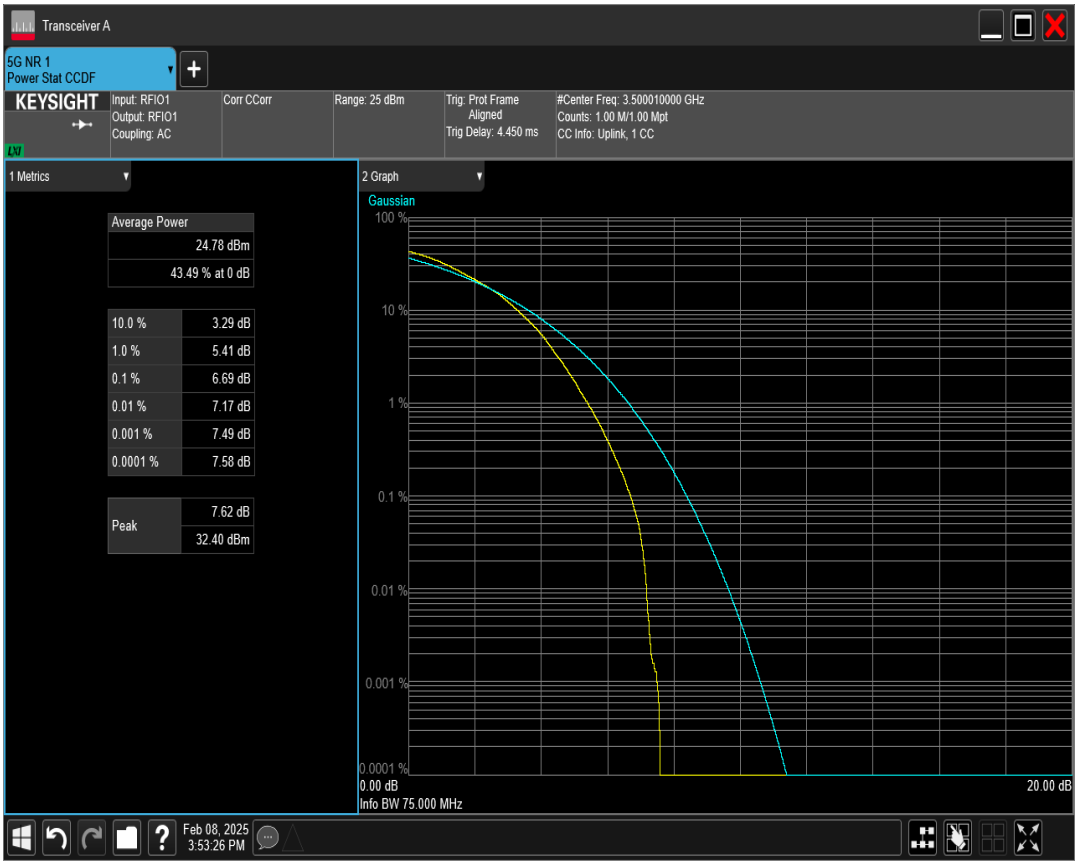
n77(3450-3550) SCS=30kHz DFT_QPSK BW=70MHz Channel=633334 RB=180@0



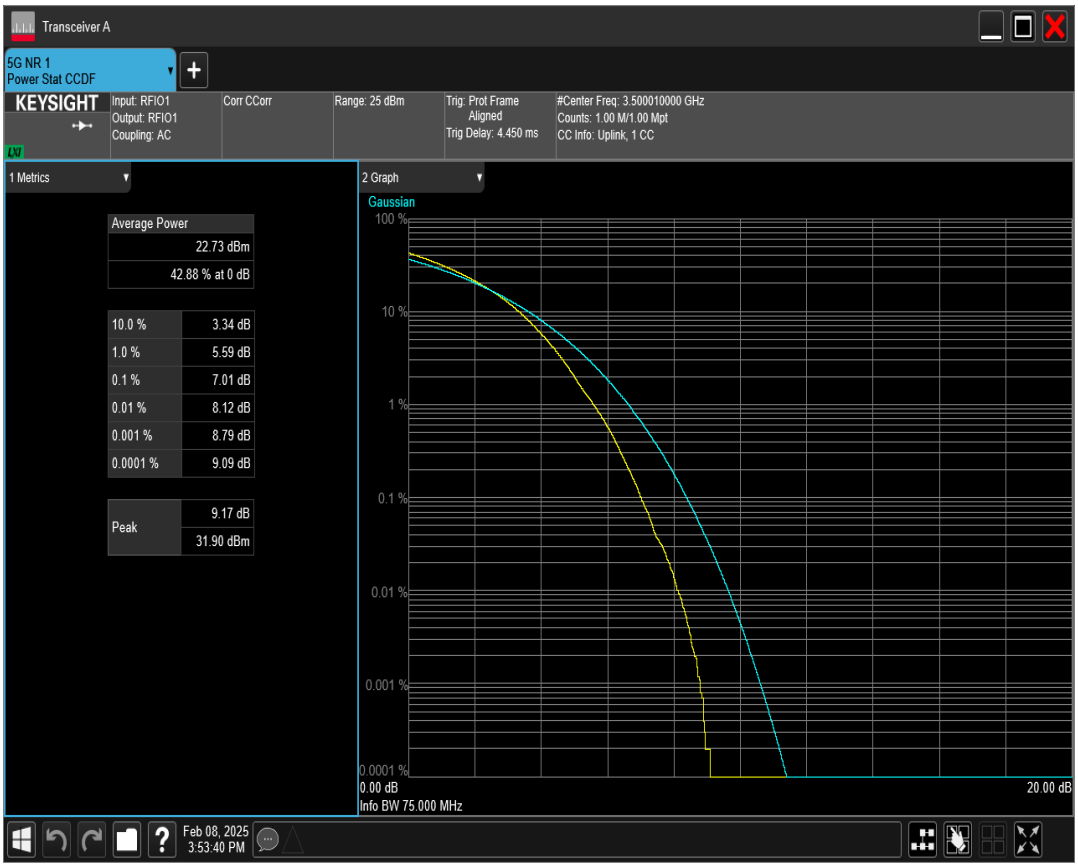
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=70MHz Channel=633334 RB=180@0



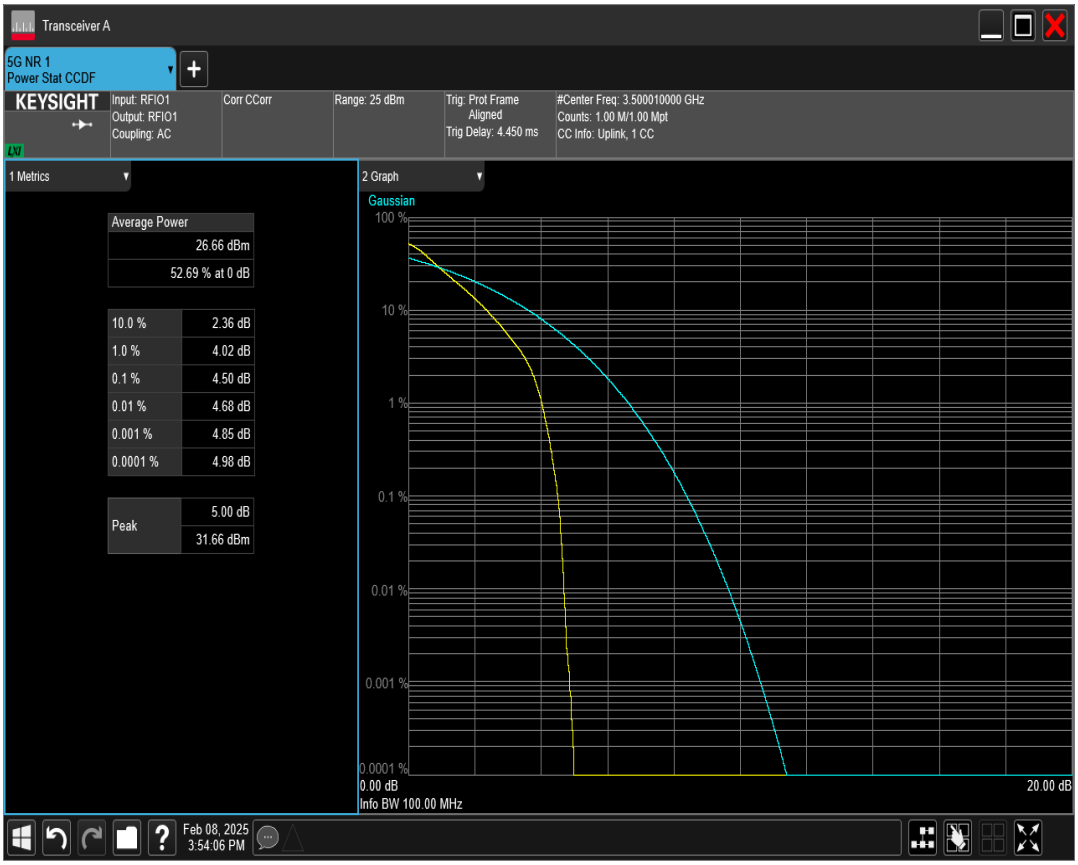
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=70MHz Channel=633334 RB=180@0



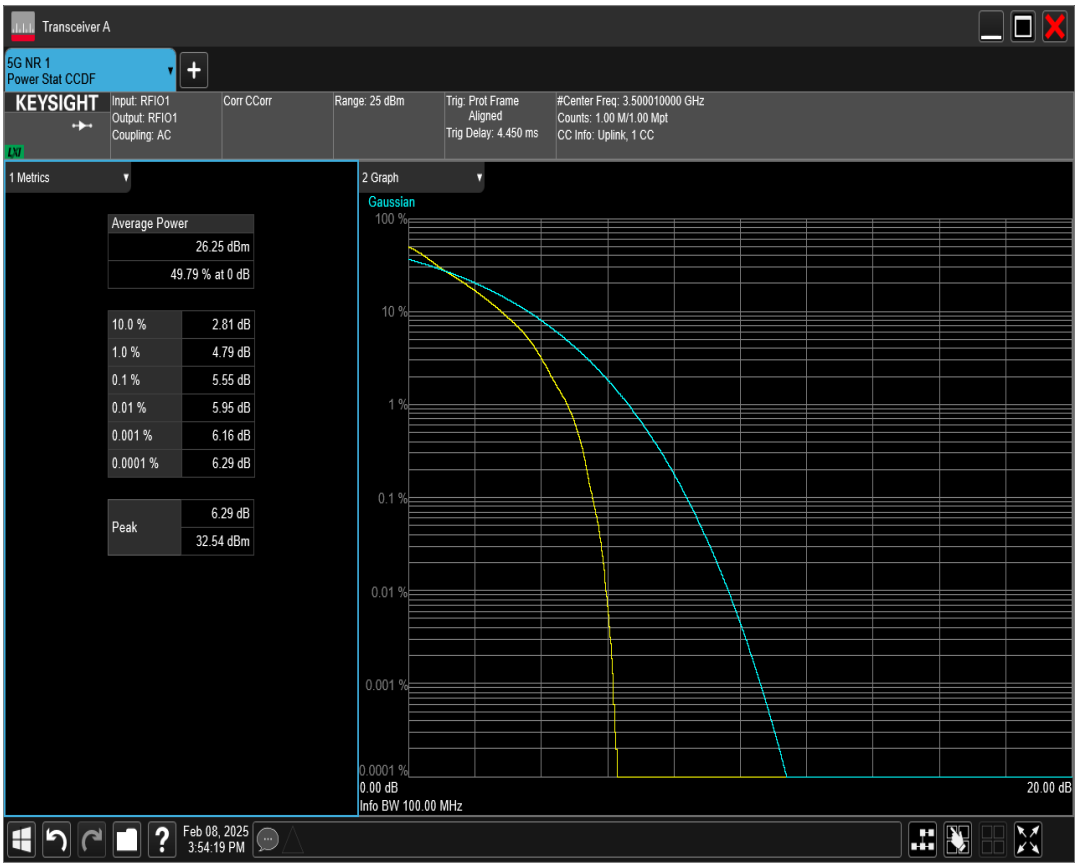
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=70MHz Channel=633334 RB=180@0



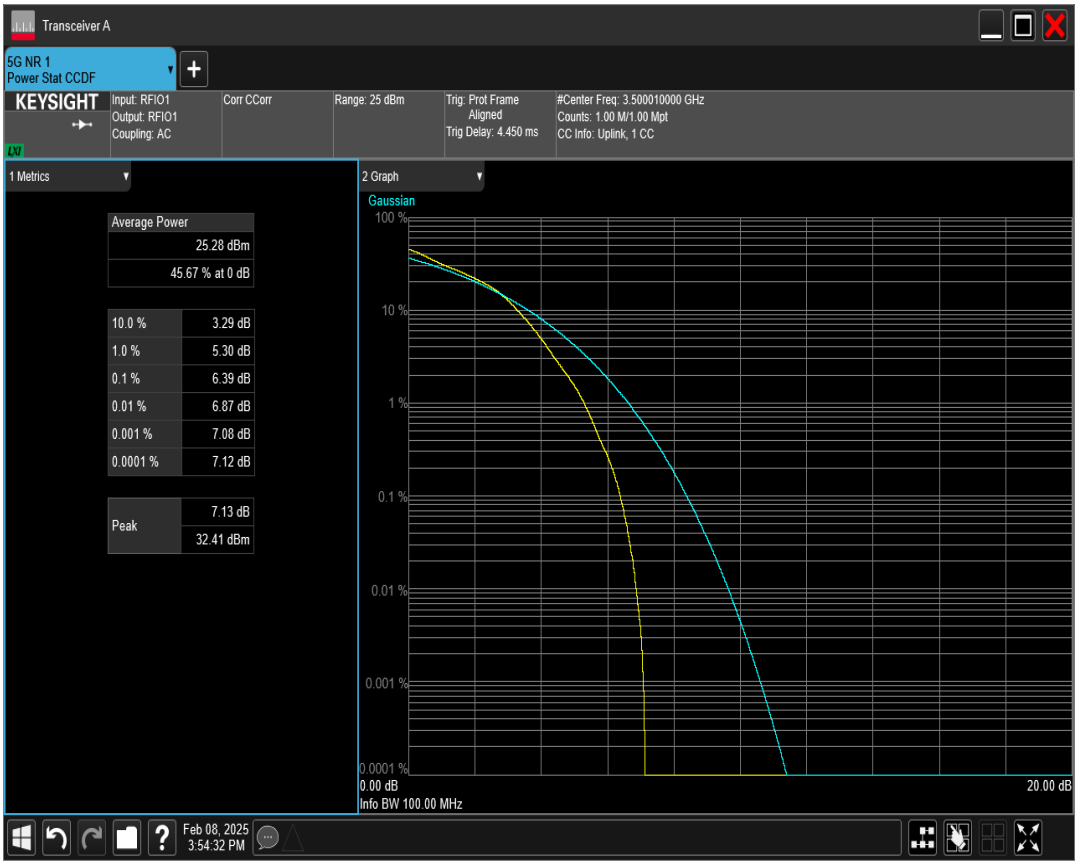
n77(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



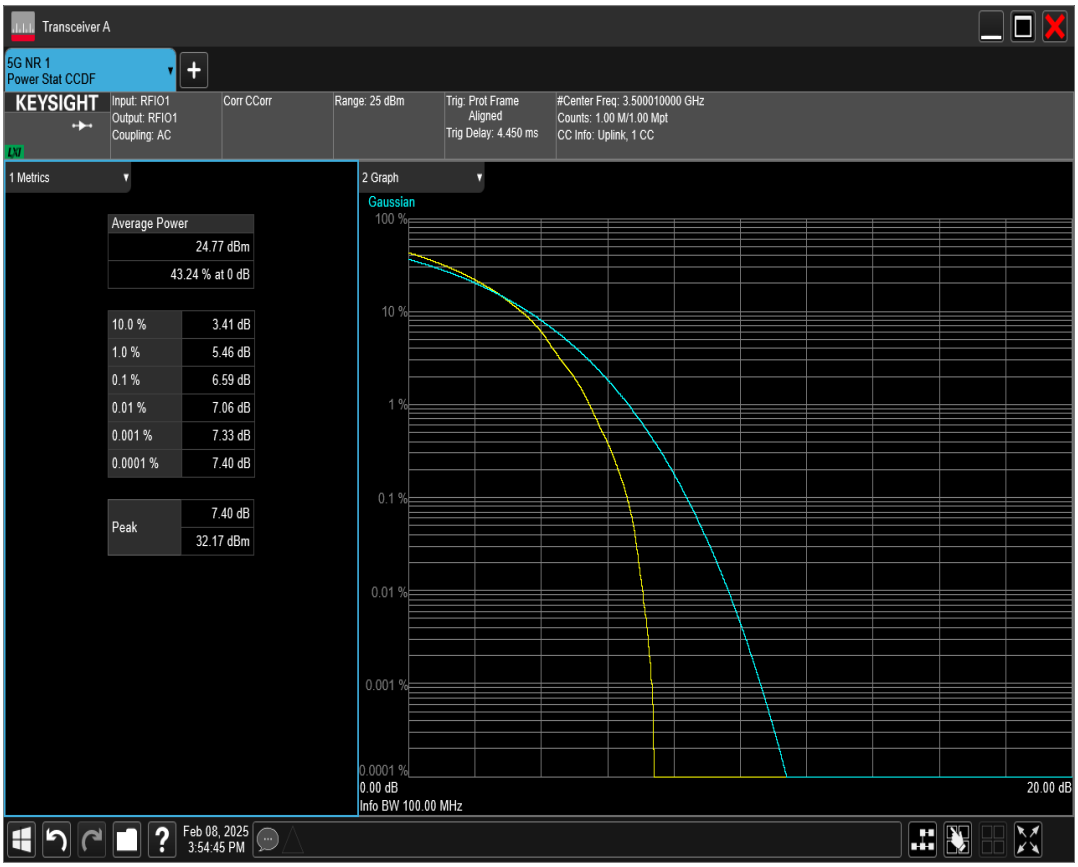
n77(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=633334 RB=216@0



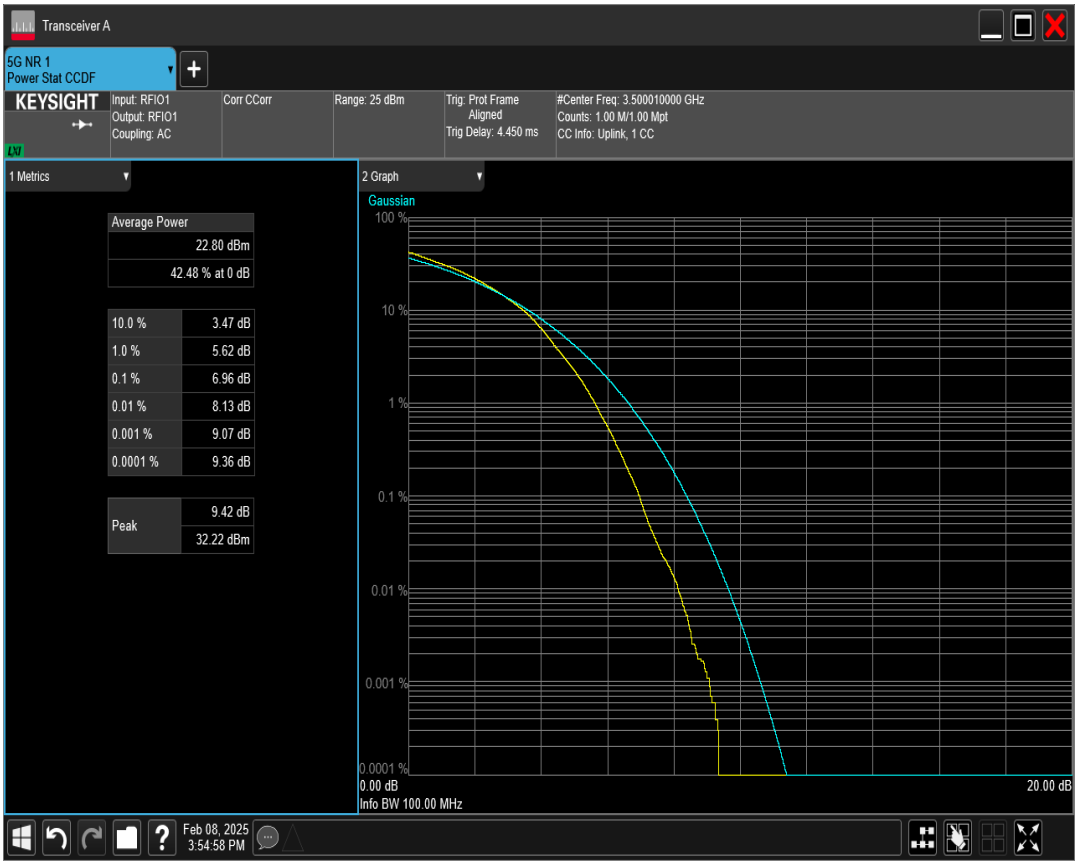
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=80MHz Channel=633334 RB=216@0



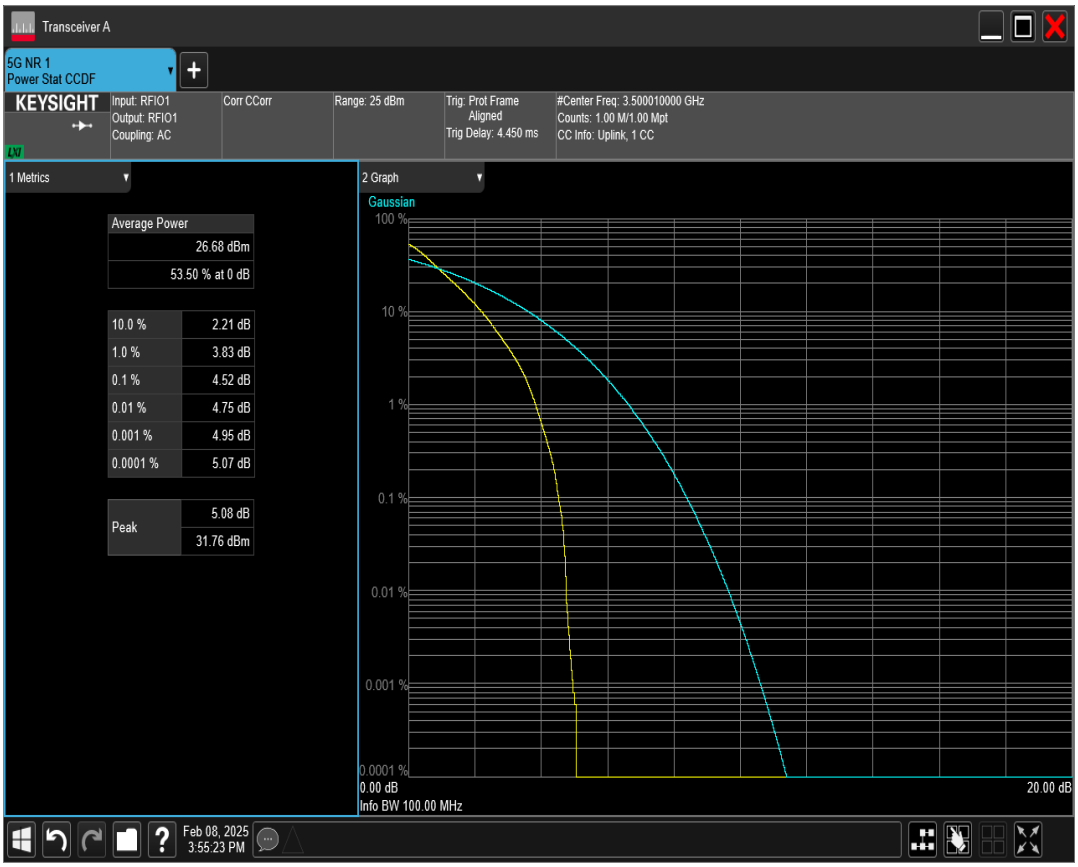
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=633334 RB=216@0



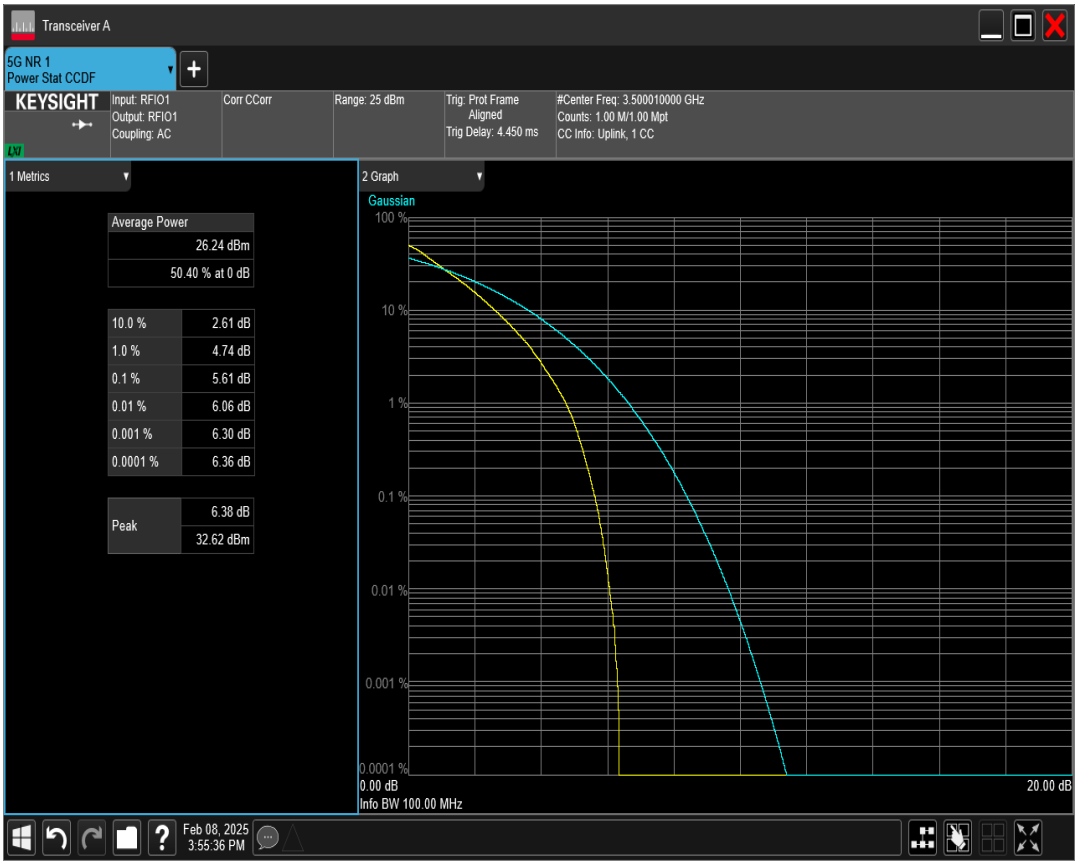
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=80MHz Channel=633334 RB=216@0



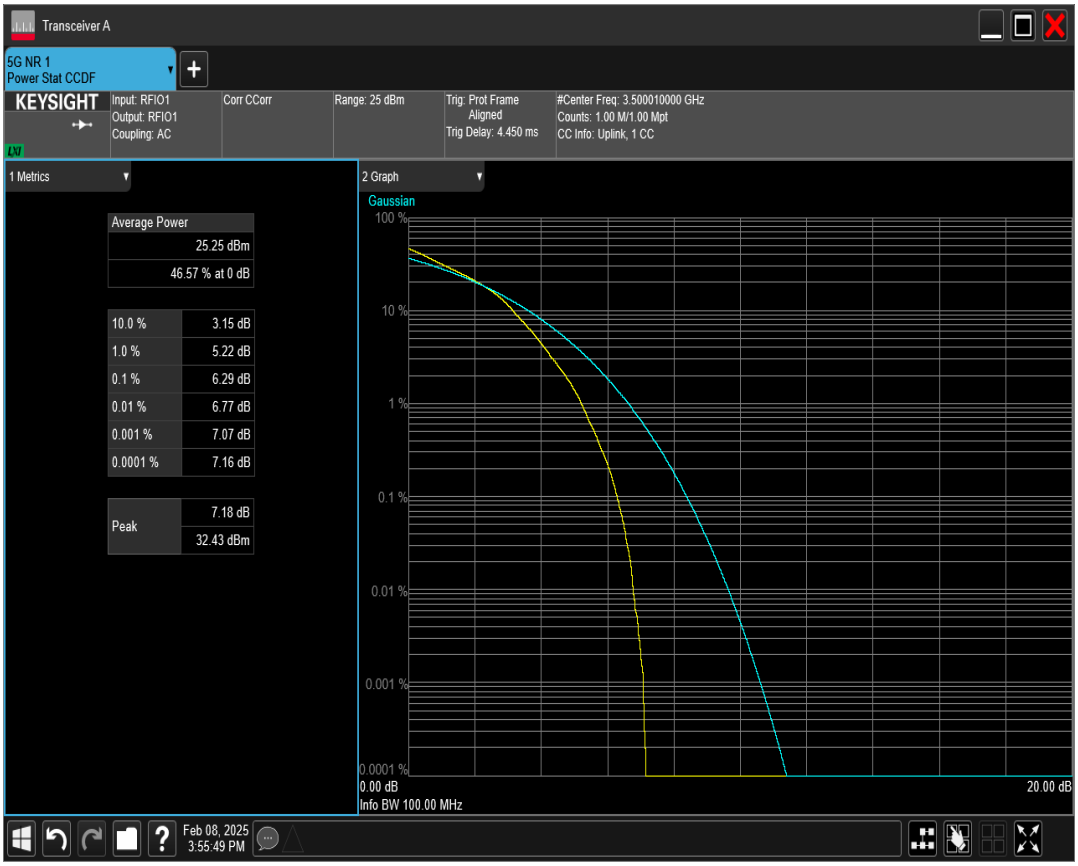
n77(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633334 RB=240@0



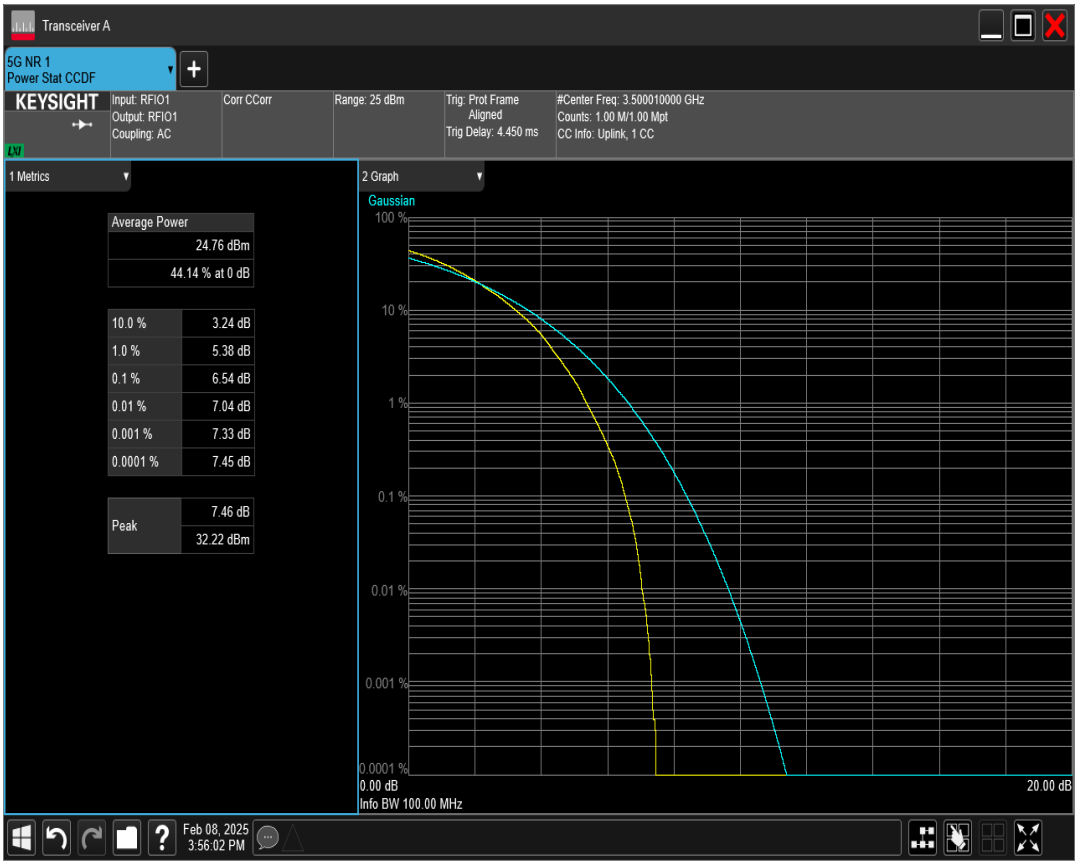
n77(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633334 RB=240@0



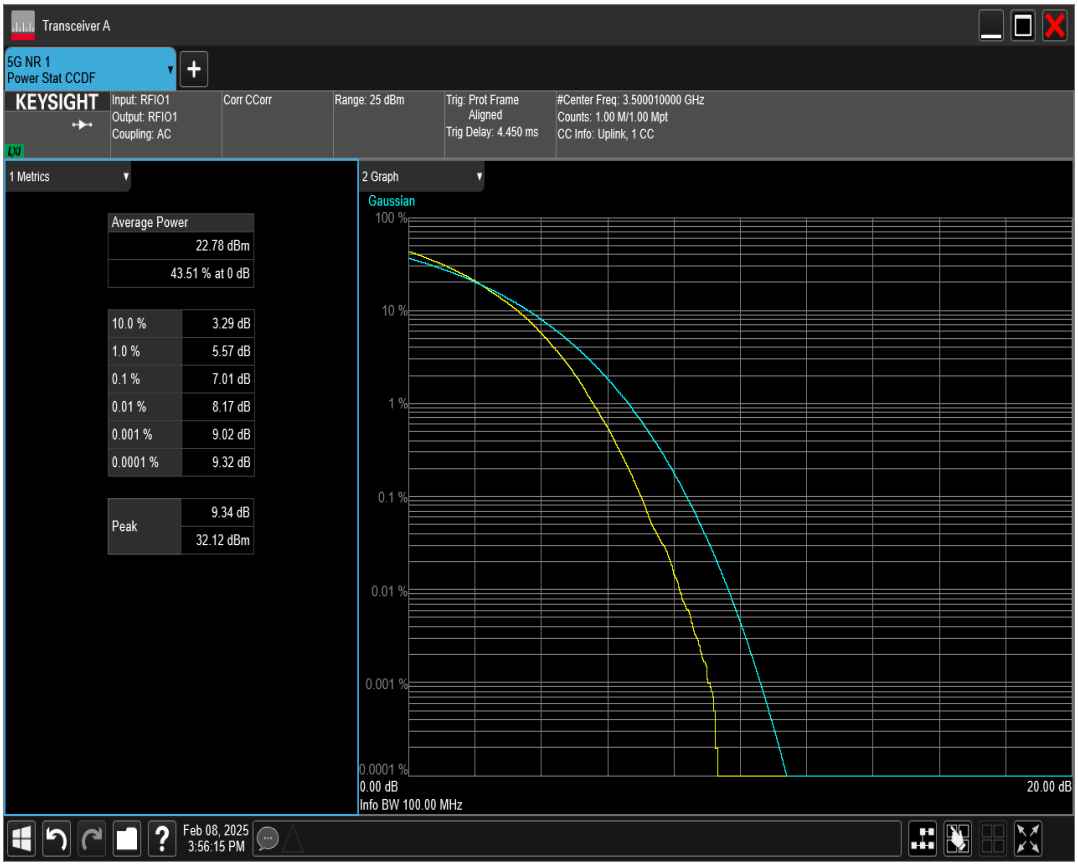
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=90MHz Channel=633334 RB=240@0



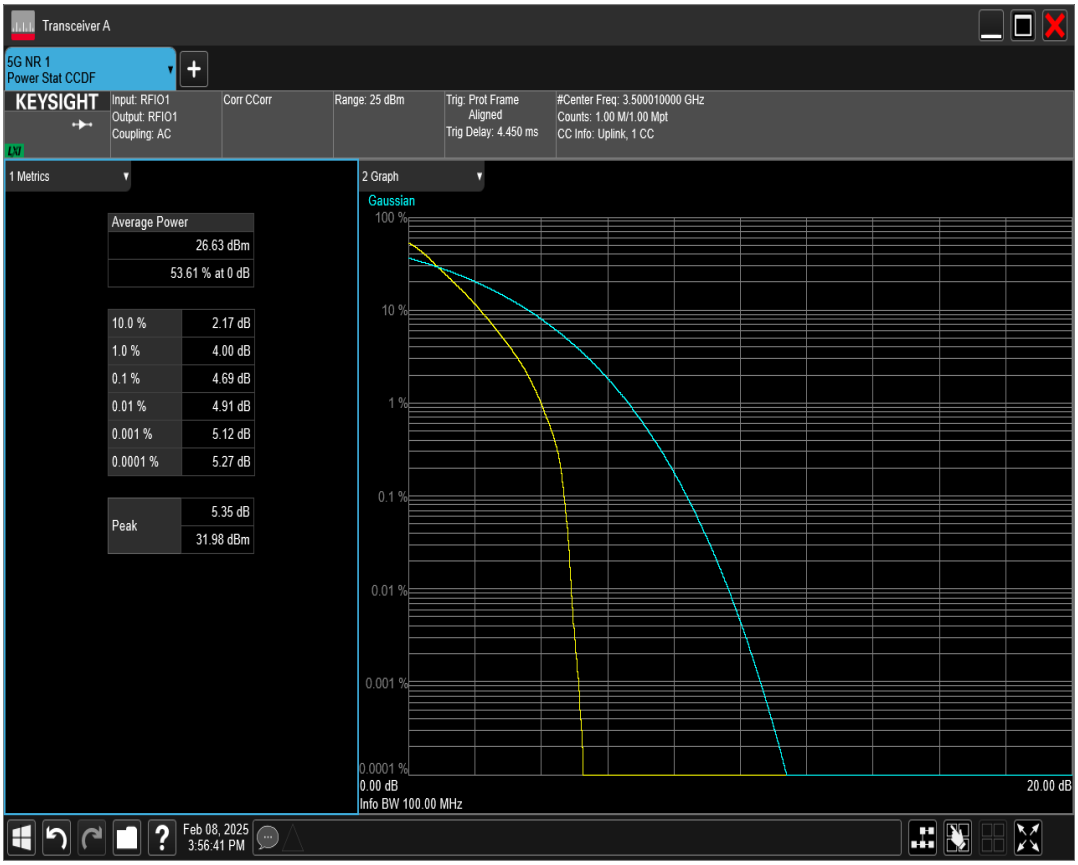
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633334 RB=240@0



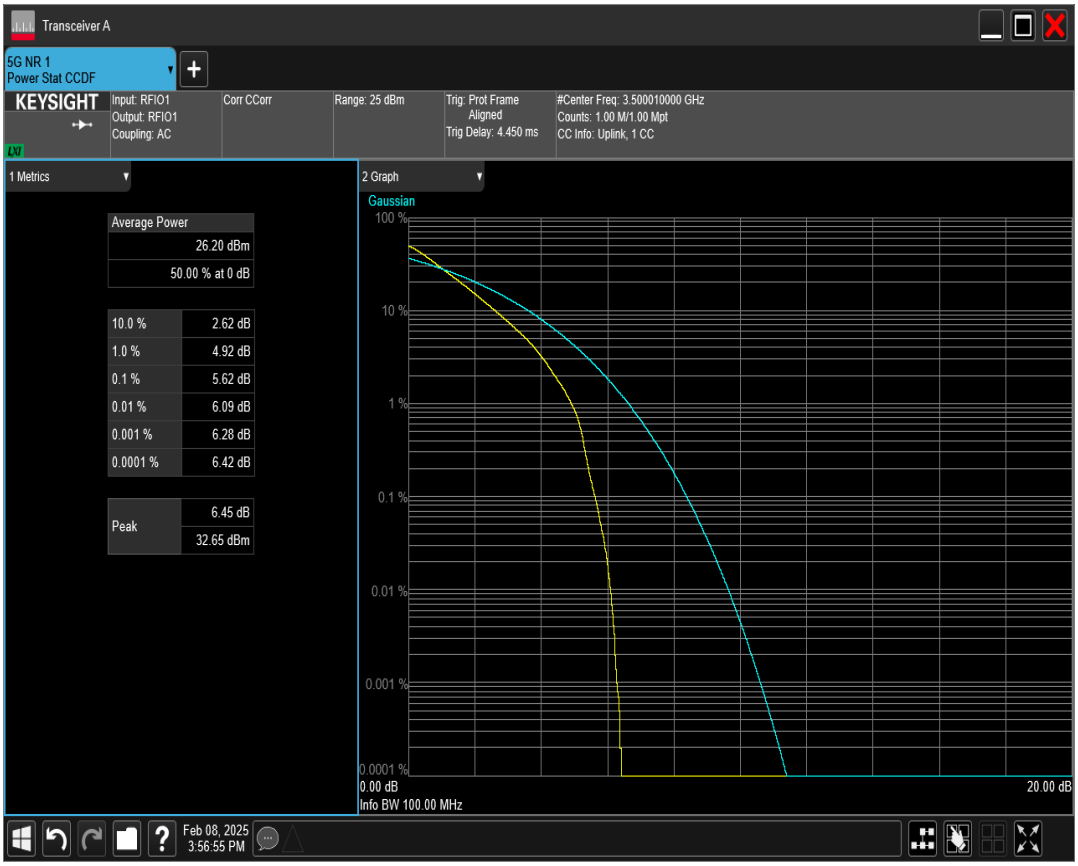
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=90MHz Channel=633334 RB=240@0



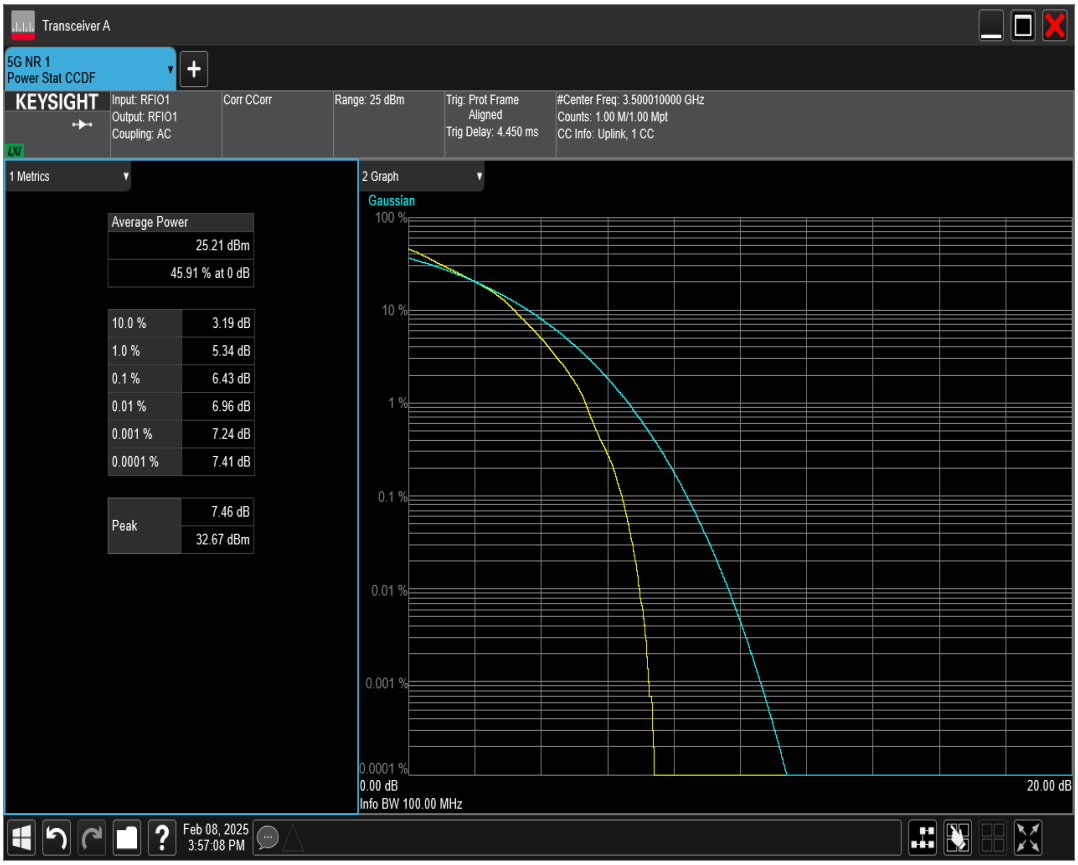
n77(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



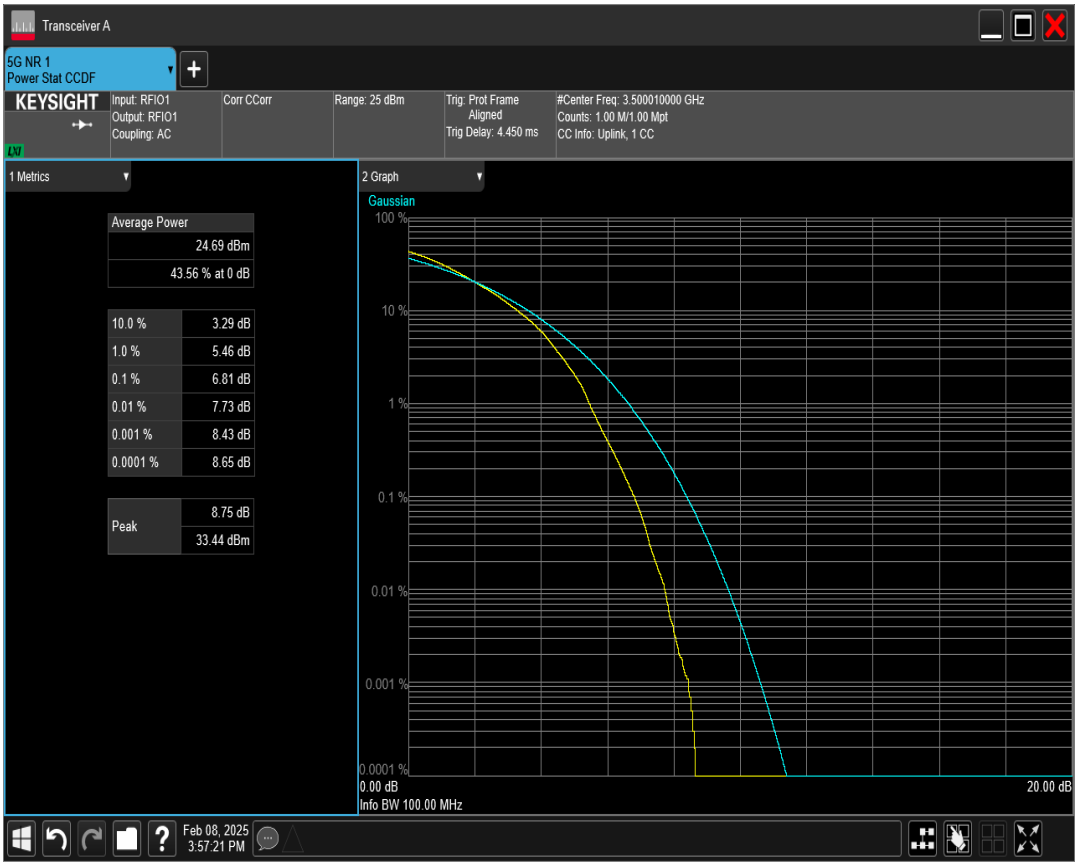
n77(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



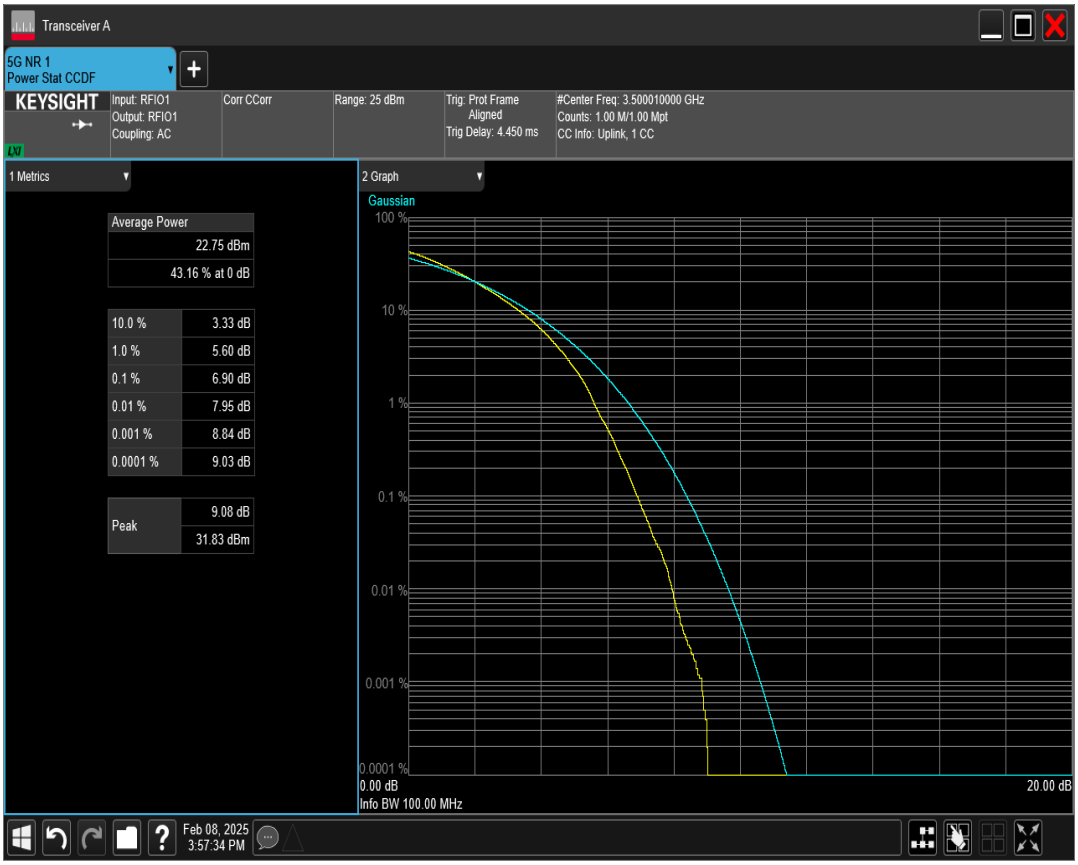
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=100MHz Channel=633334 RB=270@0



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	8.614	9.308	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	8.633	9.170	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM16	8.635	9.324	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM64	8.573	9.268	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM256	8.564	9.199	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	8.653	9.190	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	8.622	9.135	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	8.604	9.279	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	8.637	9.230	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	8.552	9.278	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	8.633	9.212	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	8.603	9.281	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	8.626	9.289	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	8.600	9.316	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM16	8.556	9.183	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM64	8.604	9.229	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM256	8.570	9.195	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	8.603	9.264	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	12.854	13.813	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	12.897	13.766	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM16	12.937	13.673	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM64	12.999	13.736	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM256	12.807	13.614	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	13.622	14.393	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	12.850	13.705	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	12.953	13.791	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	12.916	13.615	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	12.956	13.613	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	12.920	13.754	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	13.602	14.368	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	12.929	13.759	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	12.881	13.626	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM16	12.938	13.714	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM64	12.970	13.560	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM256	12.818	13.666	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	13.576	14.318	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	17.839	19.031	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	17.864	18.949	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM16	18.016	19.033	PASS

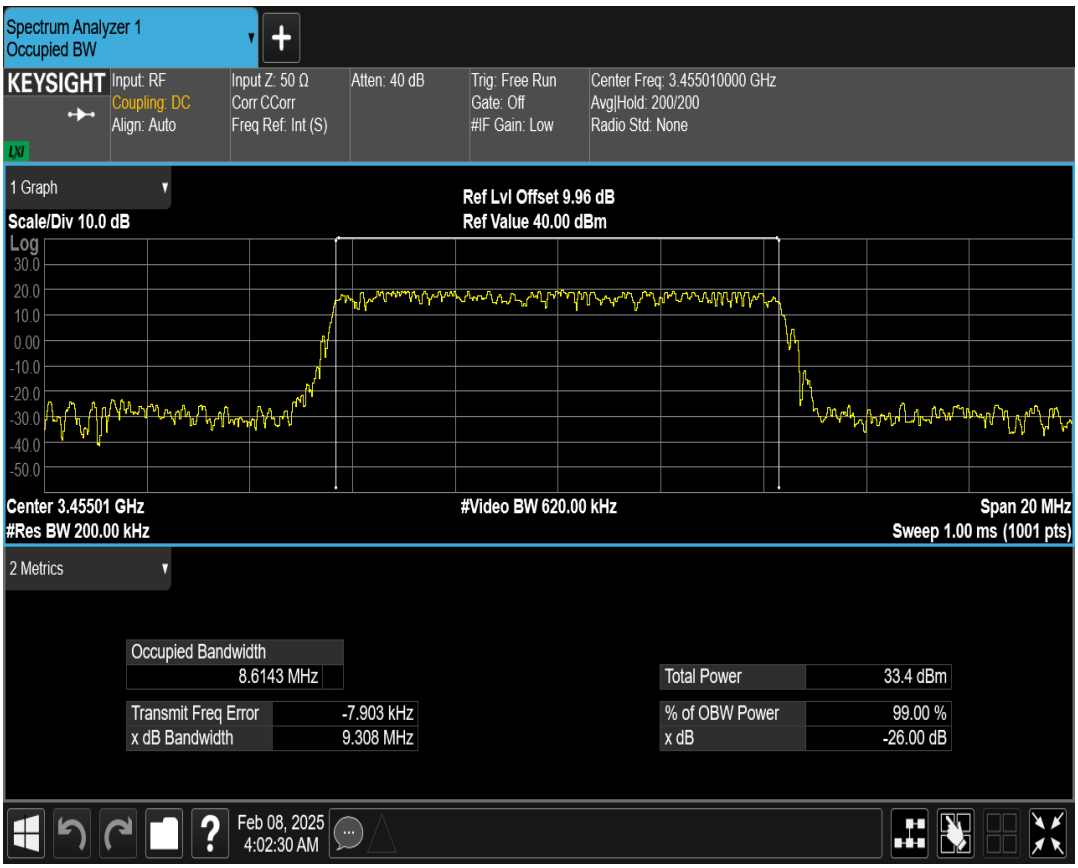
n77(3450-3550)	30	20	630668	50@0	DFT_QAM64	17.993	18.891	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM256	17.996	18.899	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	18.298	19.564	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	17.909	18.912	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	18.067	18.908	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	17.907	18.917	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	17.889	18.974	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	17.933	18.816	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	18.196	19.309	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	17.986	19.013	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	17.957	18.859	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM16	17.965	18.819	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM64	17.771	18.890	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM256	17.985	18.900	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	18.256	19.329	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_BPSK	26.953	28.331	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QPSK	26.978	28.336	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM16	26.958	28.554	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM64	26.893	28.482	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM256	26.982	28.531	PASS
n77(3450-3550)	30	30	631000	78@0	CP_QPSK	27.791	29.501	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	26.831	28.248	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	26.844	28.549	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	26.850	28.578	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	26.902	28.382	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	27.008	28.201	PASS
n77(3450-3550)	30	30	633334	78@0	CP_QPSK	27.814	29.441	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_BPSK	26.982	28.466	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QPSK	27.012	28.551	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM16	27.107	28.439	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM64	26.970	28.382	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM256	26.952	28.270	PASS
n77(3450-3550)	30	30	635666	78@0	CP_QPSK	28.007	29.343	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	35.868	37.783	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	35.700	37.727	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM16	35.933	37.627	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM64	35.893	37.716	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM256	35.947	37.743	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	38.105	39.823	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	36.012	37.741	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	35.904	37.623	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	35.799	37.702	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	35.864	37.663	PASS

n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	35.847	37.775	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	37.849	40.074	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	35.683	37.803	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	35.968	37.629	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM16	35.791	37.738	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM64	35.826	37.774	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM256	35.946	37.718	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	38.001	39.795	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	45.843	48.087	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	45.751	48.167	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM16	46.038	48.155	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM64	46.027	48.139	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM256	45.883	48.190	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	47.544	50.071	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	45.864	48.281	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	45.634	48.221	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	45.991	48.077	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	45.879	48.207	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	45.725	48.085	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	47.596	49.874	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	45.941	48.284	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	45.877	48.271	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM16	45.627	48.179	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM64	45.765	48.091	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM256	45.831	48.044	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	47.545	49.965	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	57.869	60.698	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	58.204	60.936	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM16	57.899	60.821	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM64	58.037	60.949	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM256	58.114	60.707	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	57.729	60.791	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	58.181	60.758	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	57.920	60.687	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	57.934	60.893	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	57.798	60.942	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	57.855	60.993	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	57.907	60.984	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	57.965	60.853	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	57.980	60.778	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM16	57.851	60.830	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM64	58.088	60.645	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM256	57.943	60.822	PASS

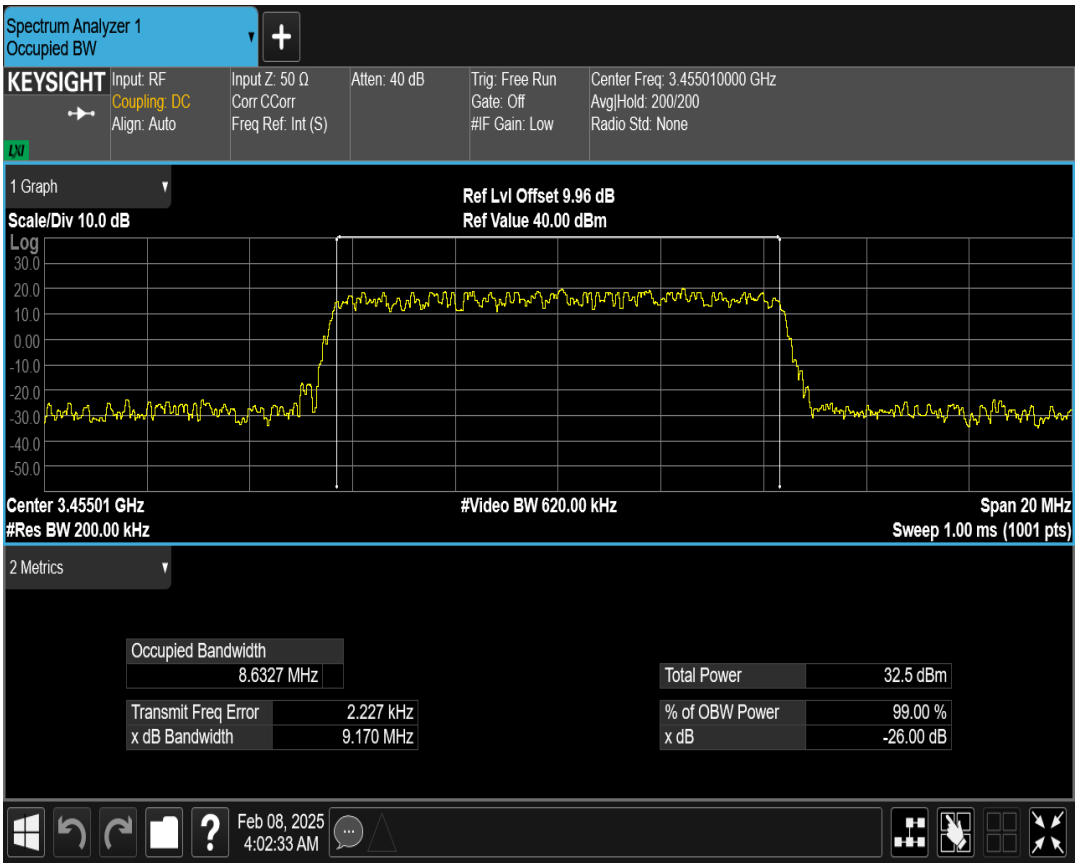
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	57.773	60.768	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_BPSK	64.501	67.957	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_QPSK	64.549	67.922	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_QAM16	64.499	67.931	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_QAM64	64.373	68.079	PASS
n77(3450-3550)	30	70	632334	180@0	DFT_QAM256	64.625	67.723	PASS
n77(3450-3550)	30	70	632334	189@0	CP_QPSK	67.653	71.838	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_BPSK	64.476	67.731	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QPSK	64.256	67.904	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QAM16	64.468	67.840	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QAM64	64.652	67.859	PASS
n77(3450-3550)	30	70	633334	180@0	DFT_QAM256	64.518	67.925	PASS
n77(3450-3550)	30	70	633334	189@0	CP_QPSK	67.568	71.174	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_BPSK	64.422	67.839	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_QPSK	64.545	67.922	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_QAM16	64.414	67.681	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_QAM64	64.369	68.009	PASS
n77(3450-3550)	30	70	634332	180@0	DFT_QAM256	64.406	67.993	PASS
n77(3450-3550)	30	70	634332	189@0	CP_QPSK	67.615	71.016	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	77.355	80.932	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	77.049	81.051	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM16	76.747	81.131	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM64	77.156	80.970	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM256	77.302	81.104	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	77.448	81.402	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	77.305	81.185	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	77.240	81.071	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	77.172	81.025	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	77.099	81.093	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	77.198	81.056	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	77.395	81.244	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	77.390	81.022	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	77.108	80.965	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM16	77.259	80.787	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM64	77.290	81.091	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM256	77.346	81.110	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	77.328	81.403	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_BPSK	85.686	90.093	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QPSK	85.865	89.959	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM16	85.729	90.273	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM64	86.106	90.276	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM256	85.796	90.350	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	87.687	91.956	PASS

n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	85.680	90.275	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	85.902	90.115	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	85.819	90.167	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	85.819	90.264	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	85.539	90.259	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	87.551	91.902	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_BPSK	85.869	90.006	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QPSK	85.710	90.079	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM16	85.762	90.326	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM64	86.100	90.238	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM256	85.729	90.122	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	87.537	91.736	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	96.766	101.352	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	96.444	101.412	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	96.578	101.222	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	96.677	101.626	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	96.330	101.479	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	97.772	102.330	PASS

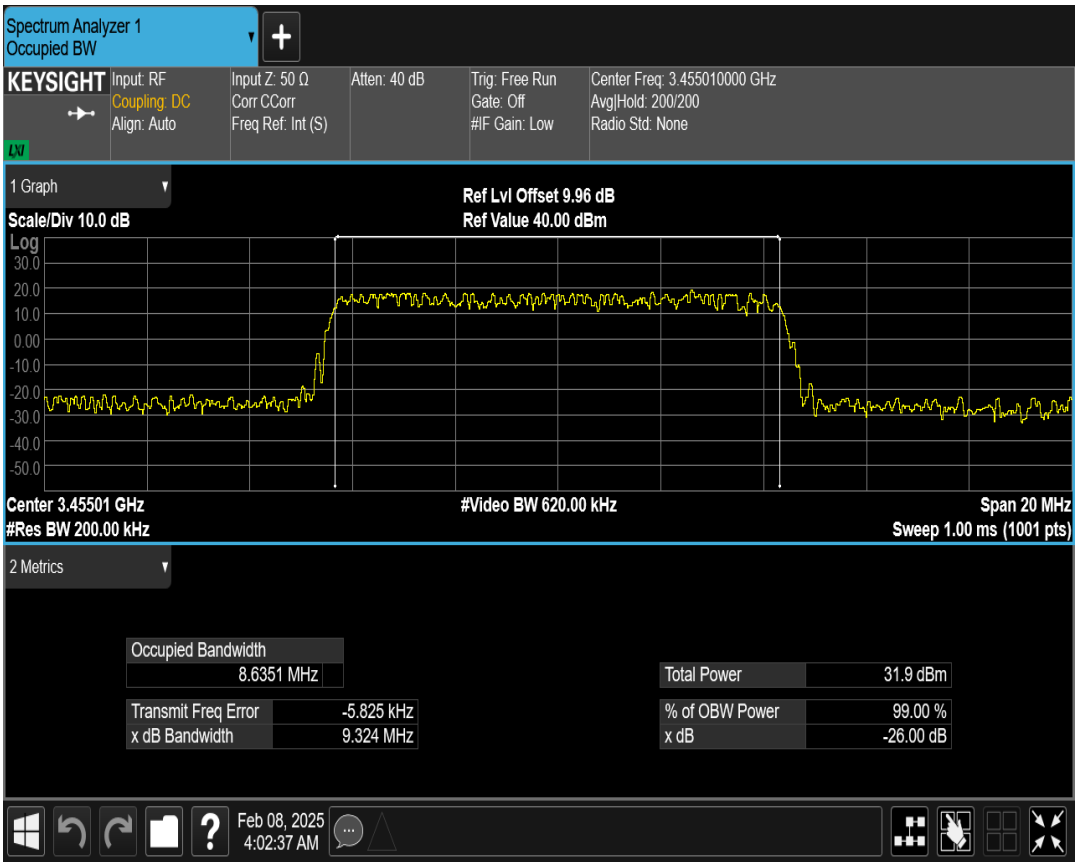
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=630334 RB=24@0



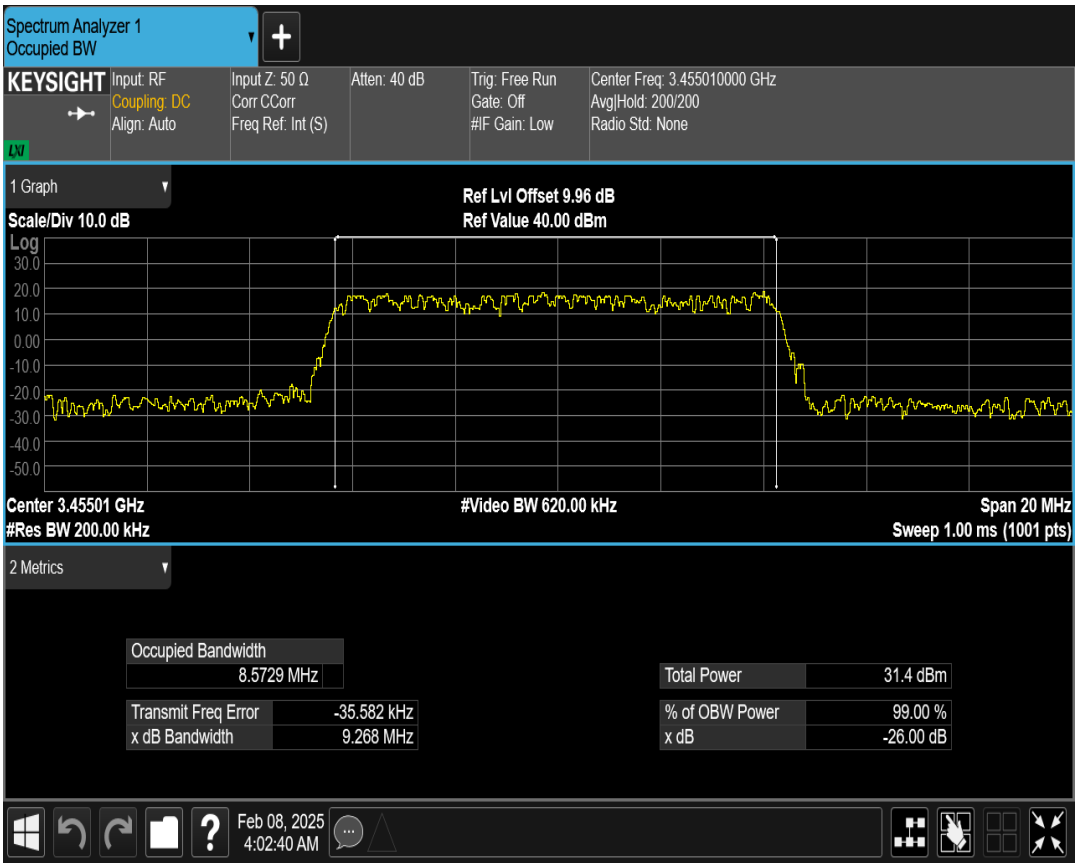
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=630334 RB=24@0



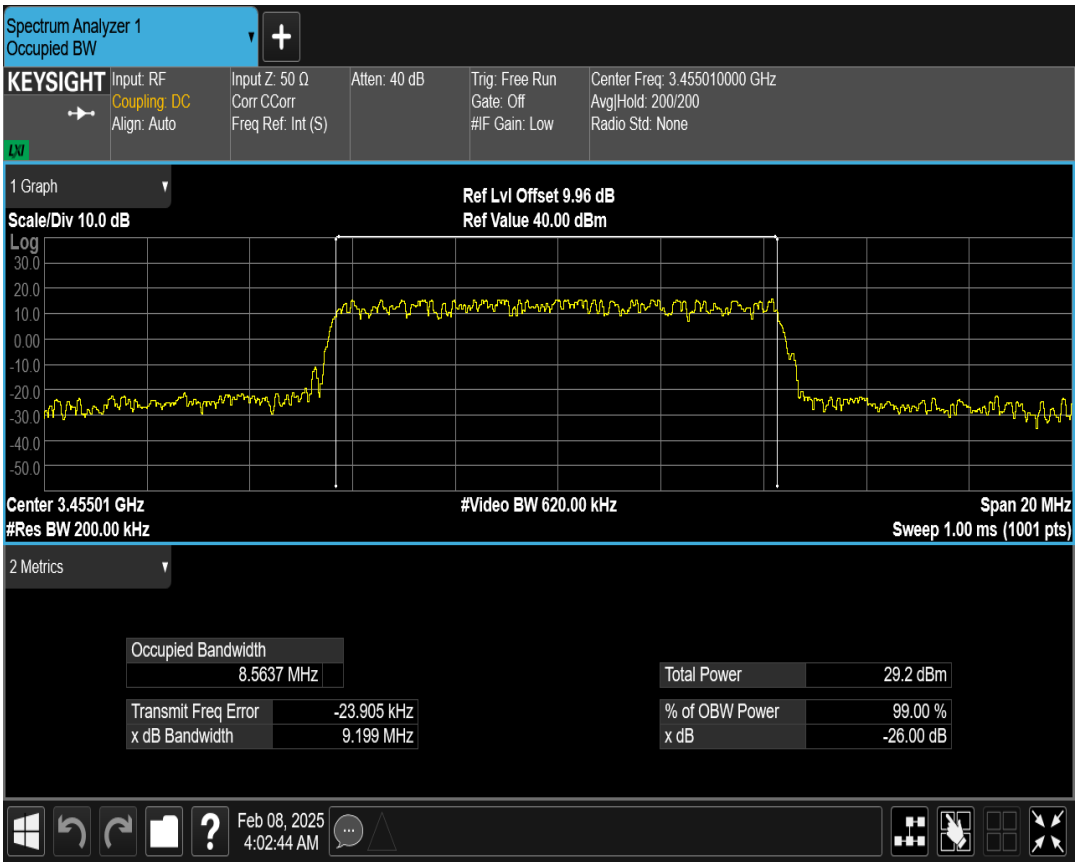
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=630334 RB=24@0



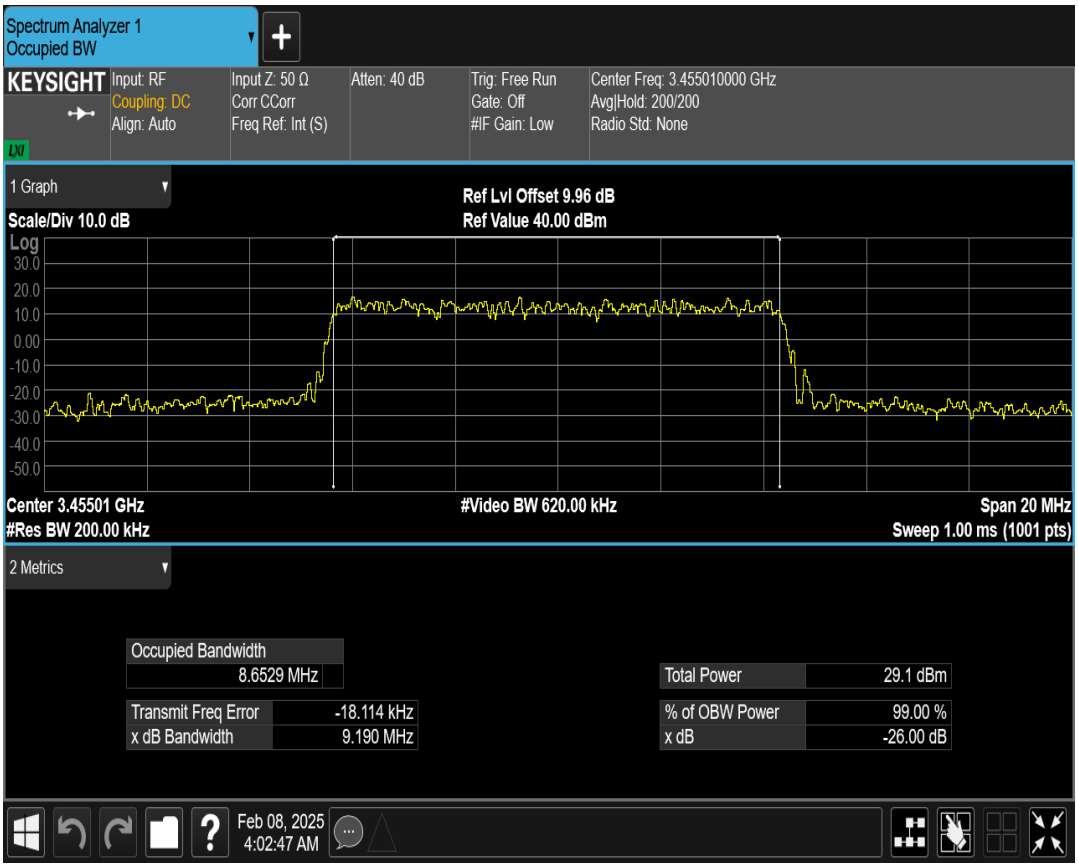
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=630334 RB=24@0



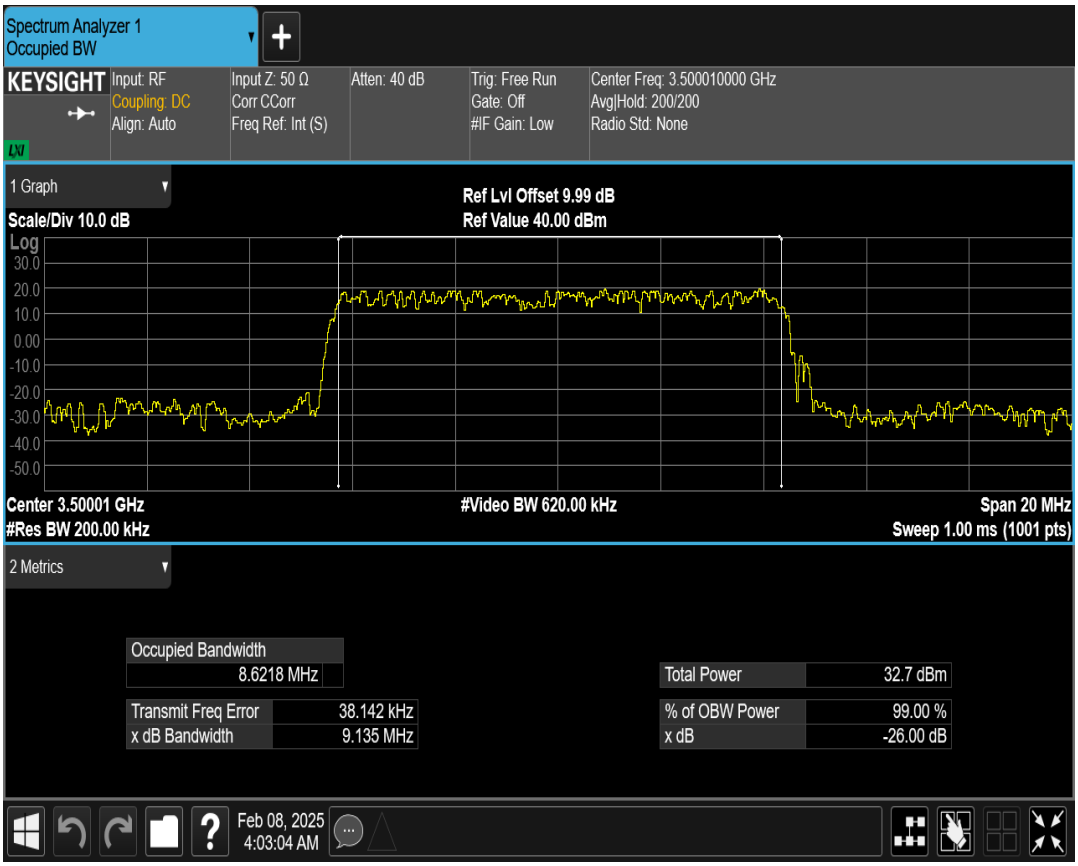
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=630334 RB=24@0



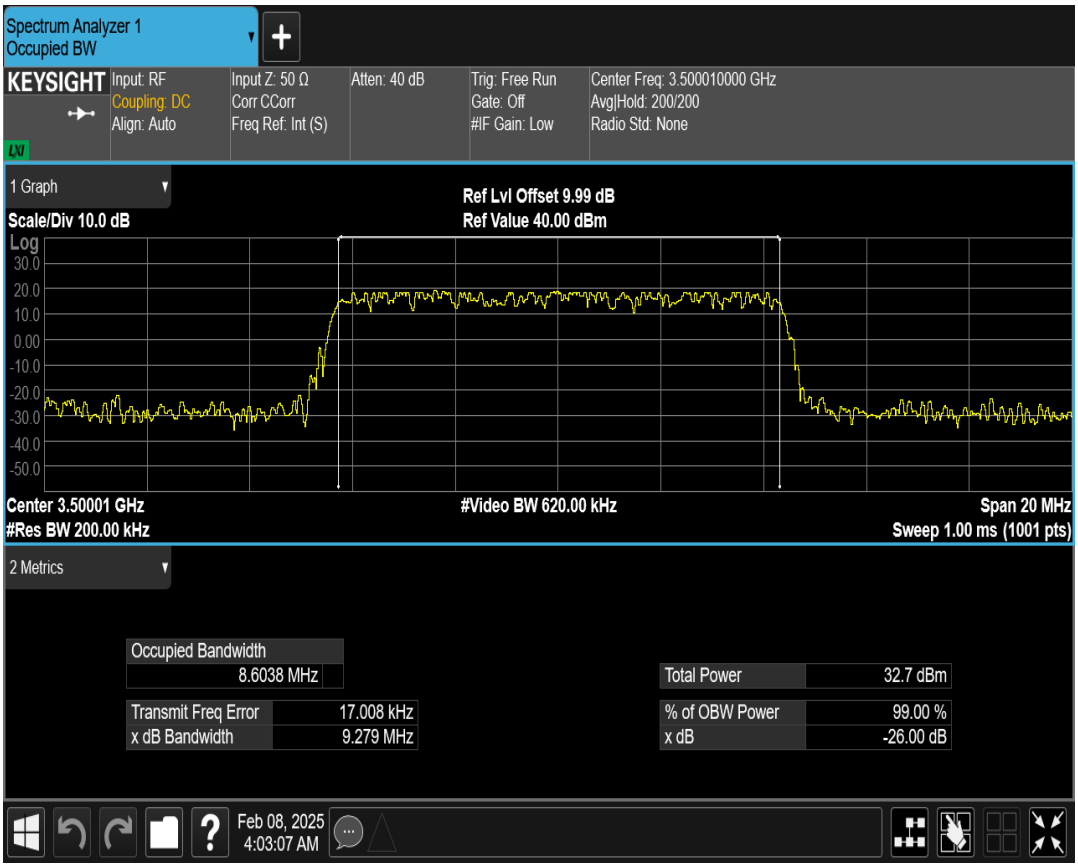
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=630334 RB=24@0



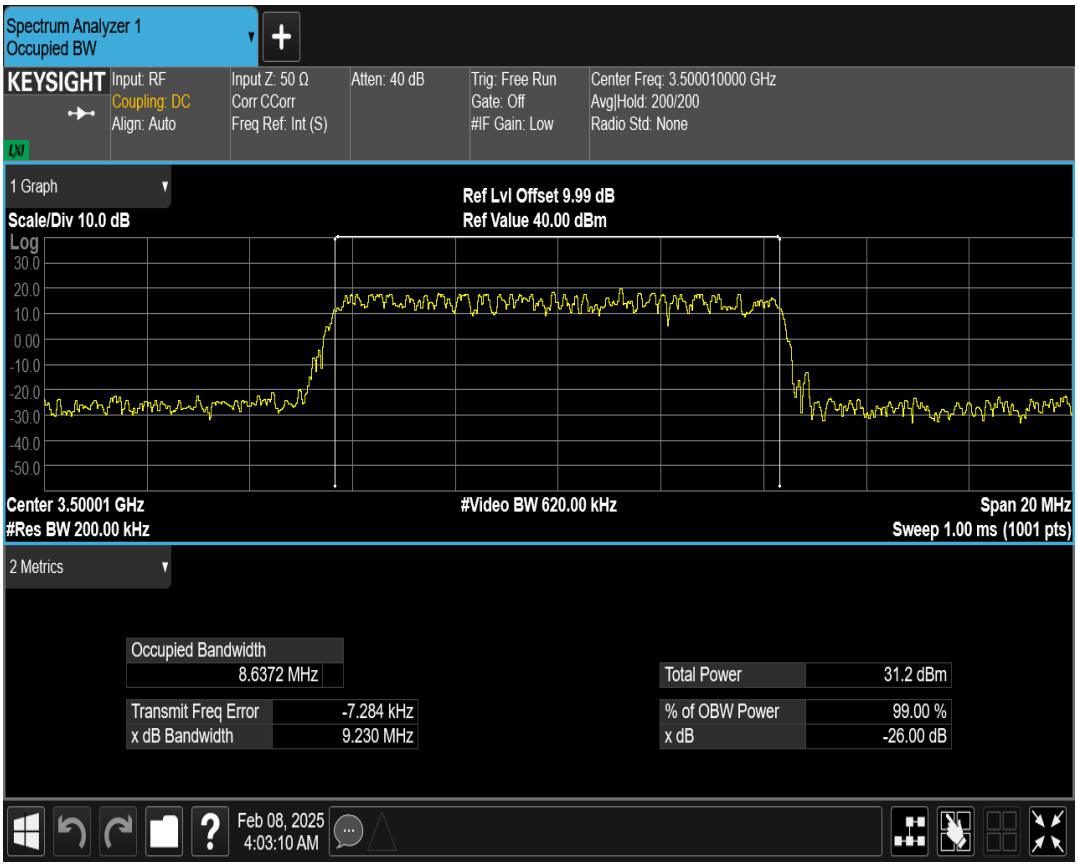
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



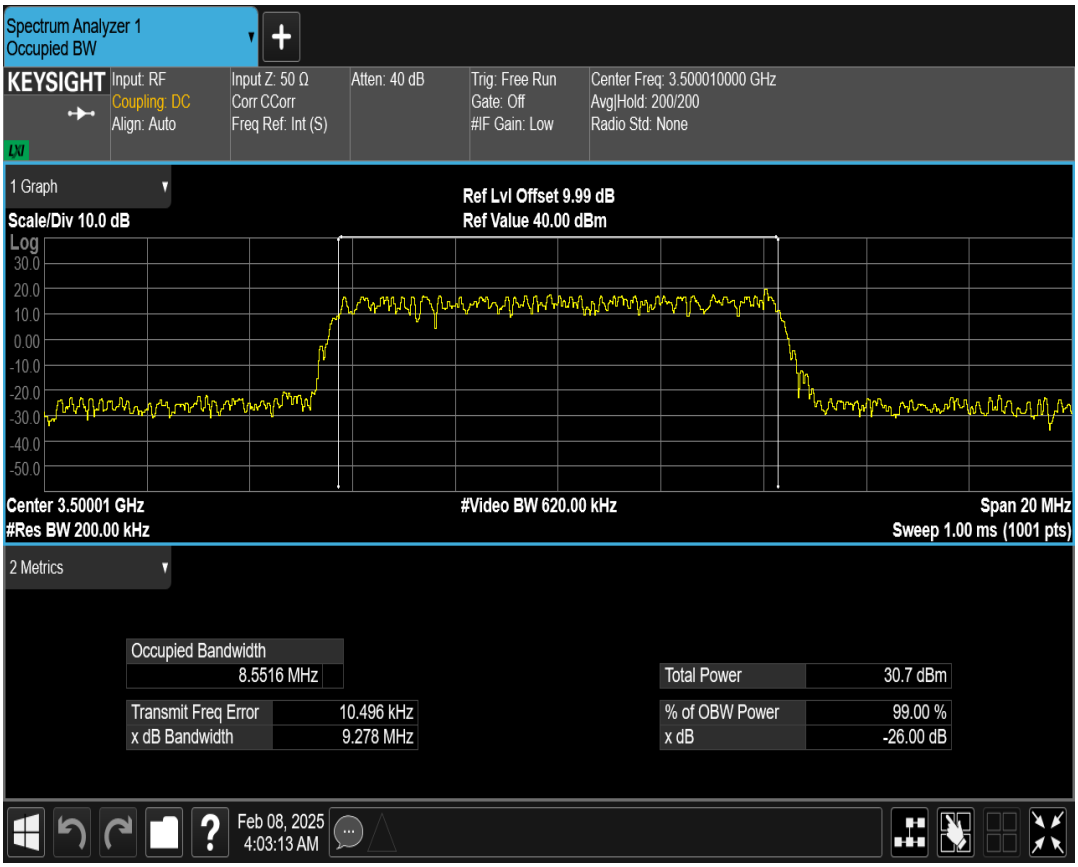
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



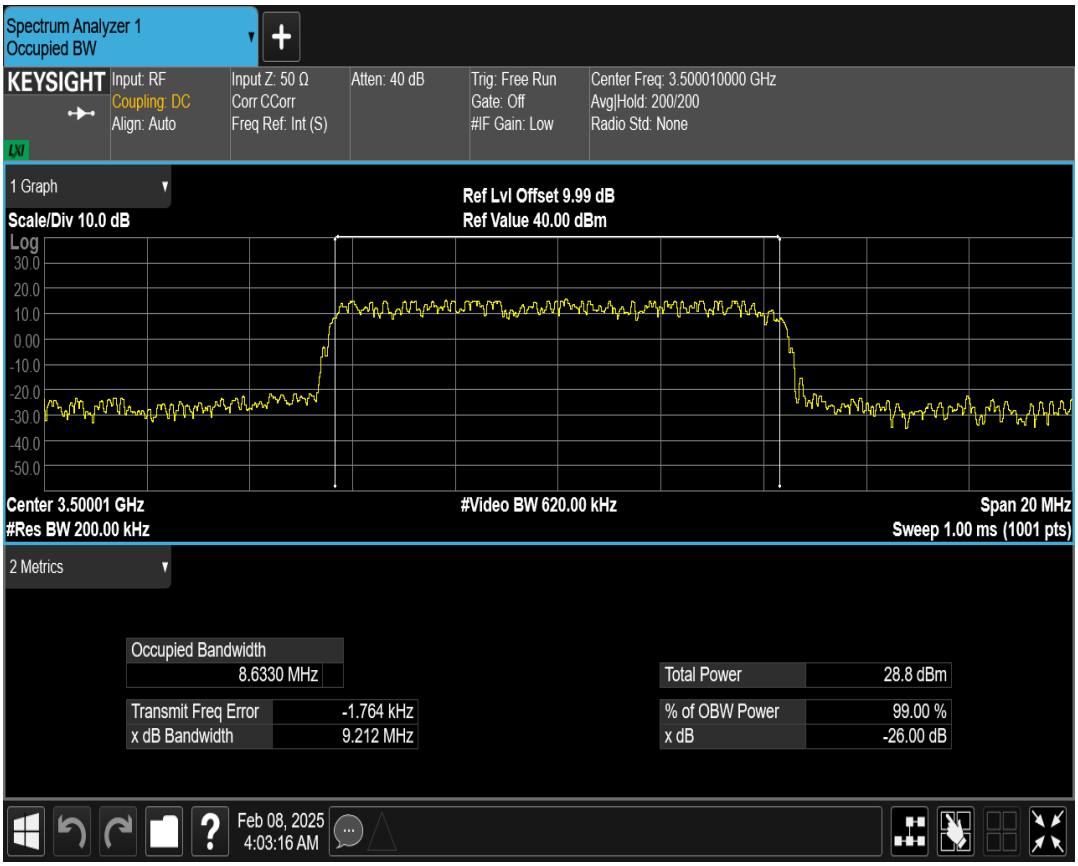
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=633334 RB=24@0



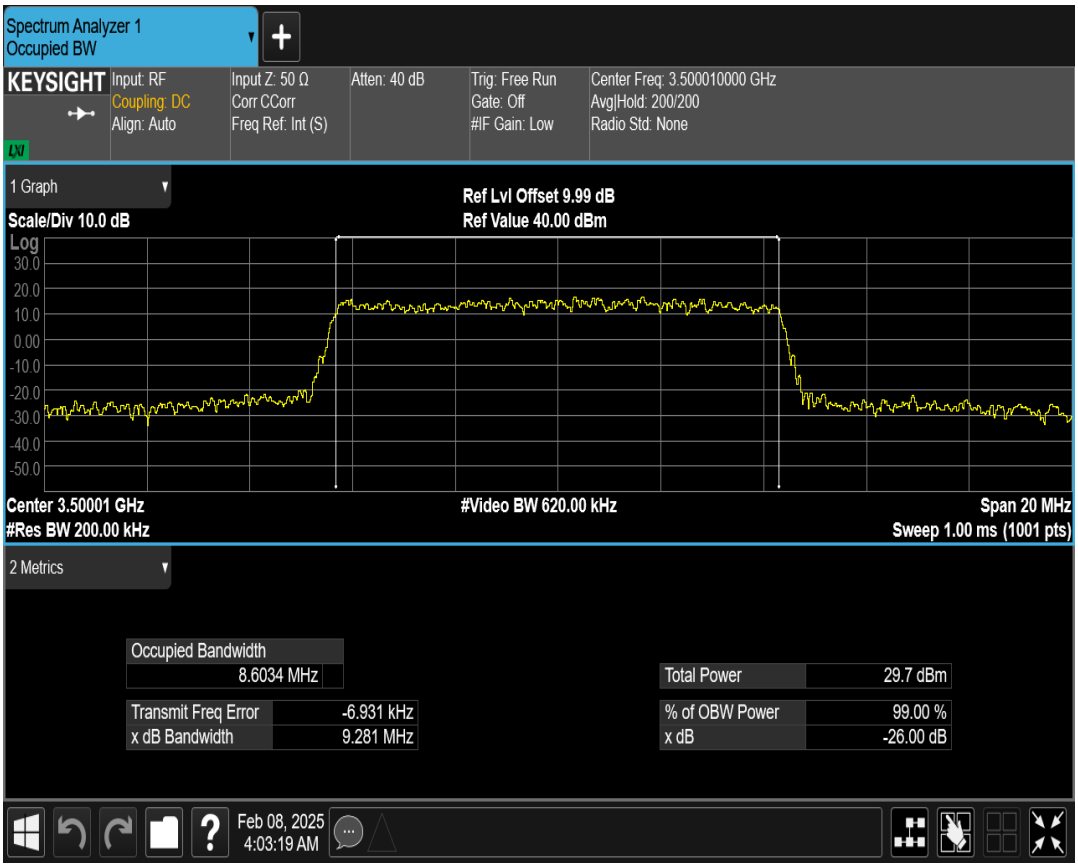
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=633334 RB=24@0



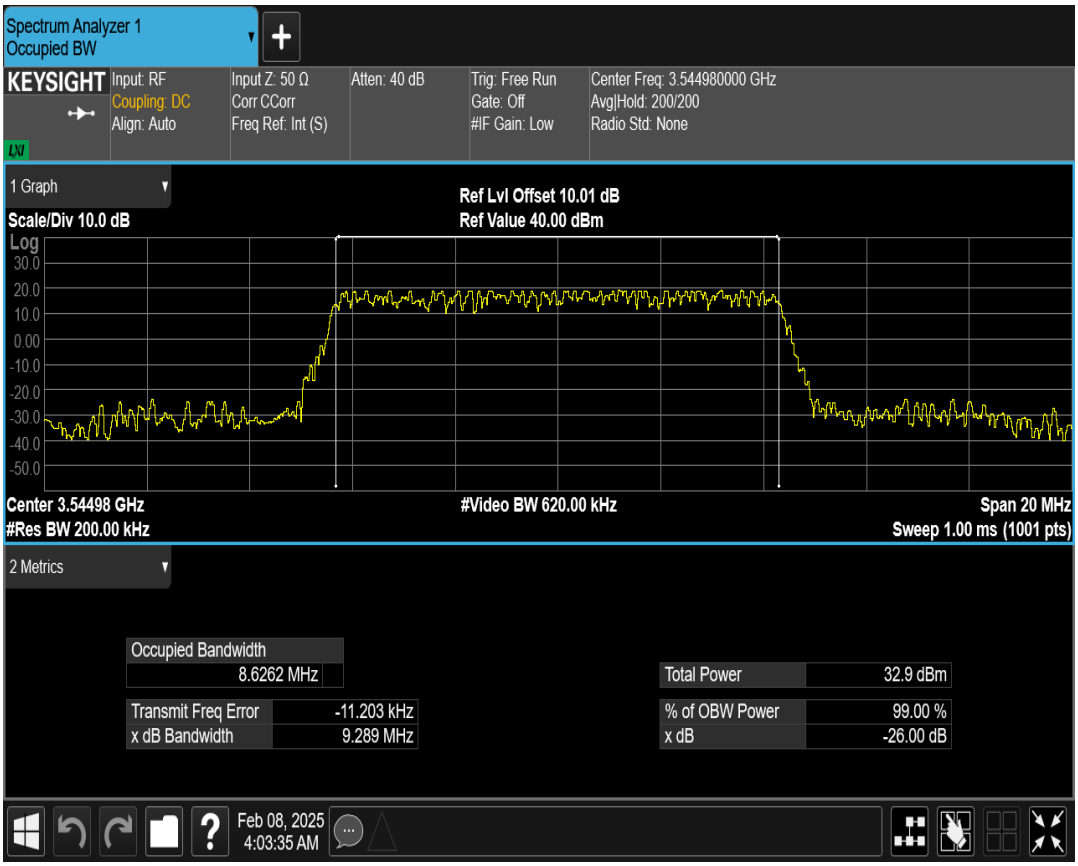
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=633334 RB=24@0



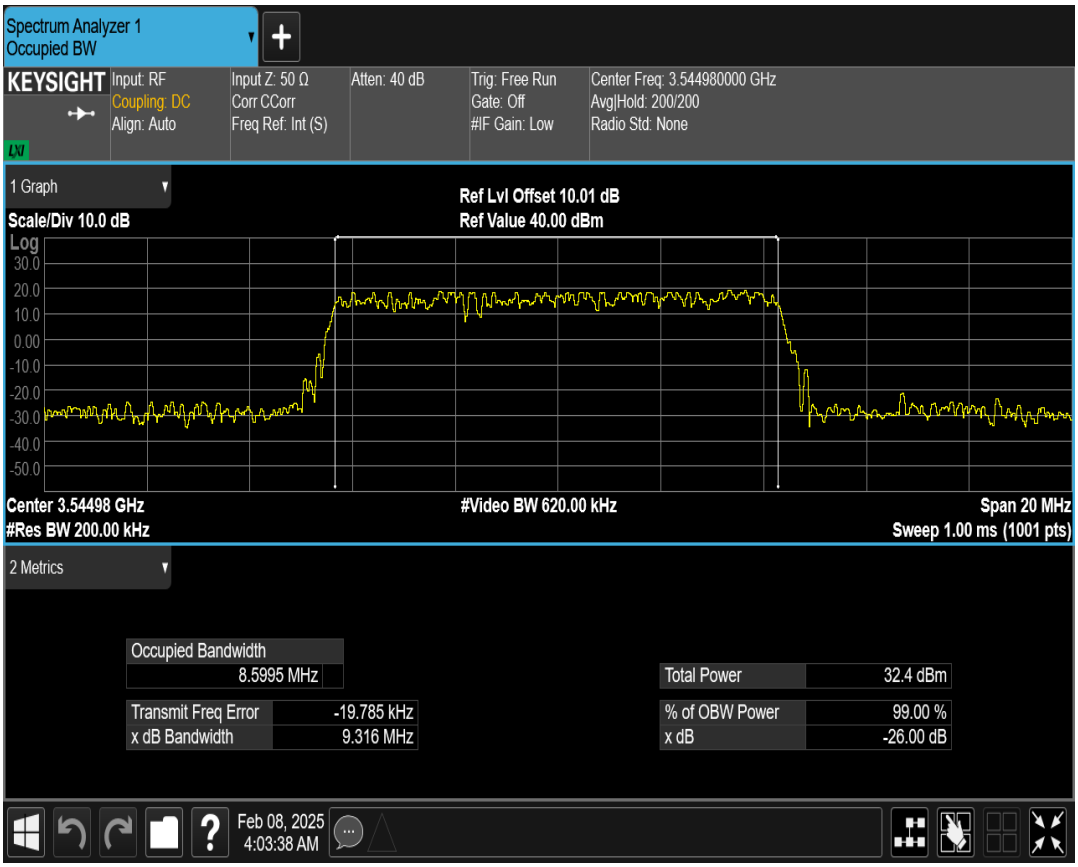
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=633334 RB=24@0



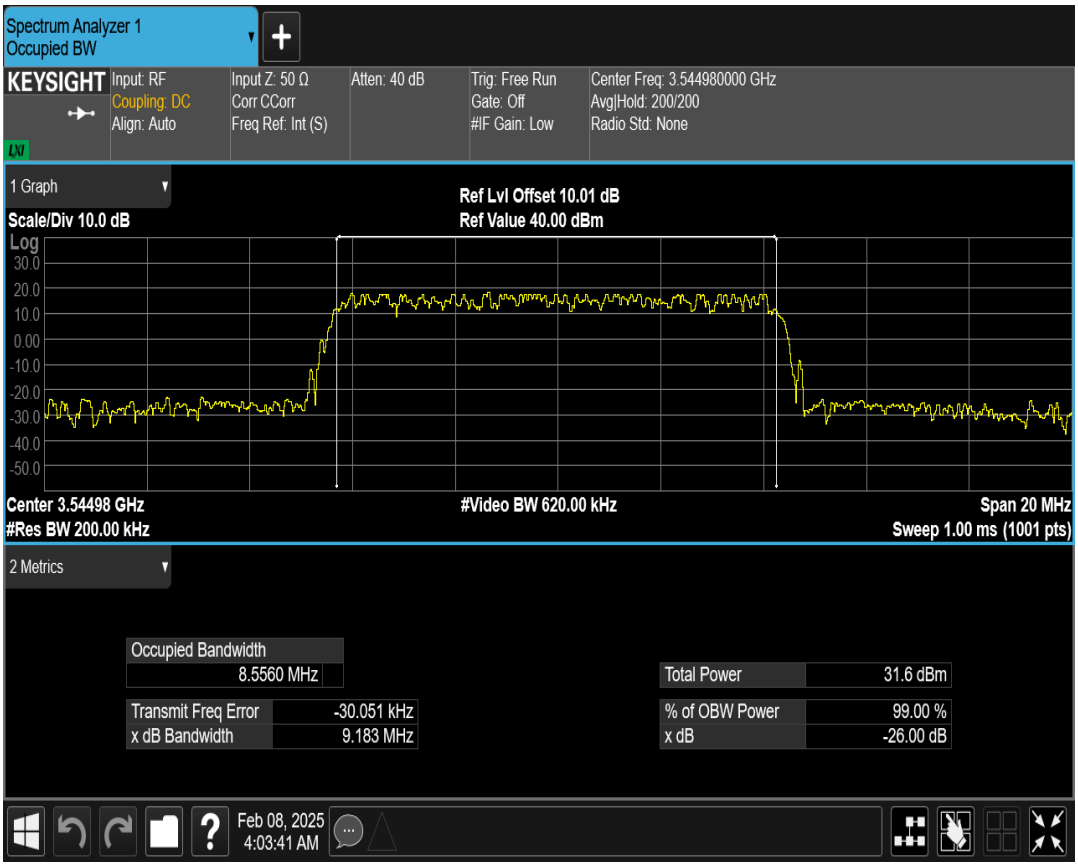
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=636332 RB=24@0



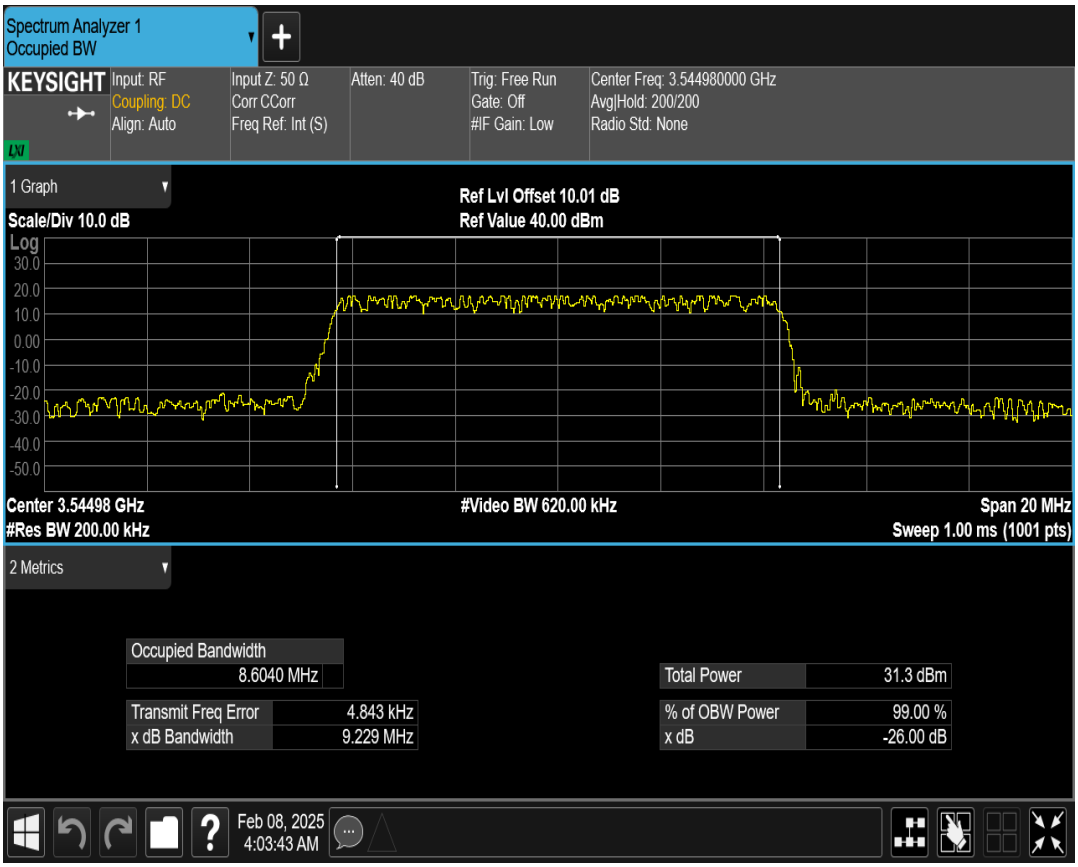
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=636332 RB=24@0



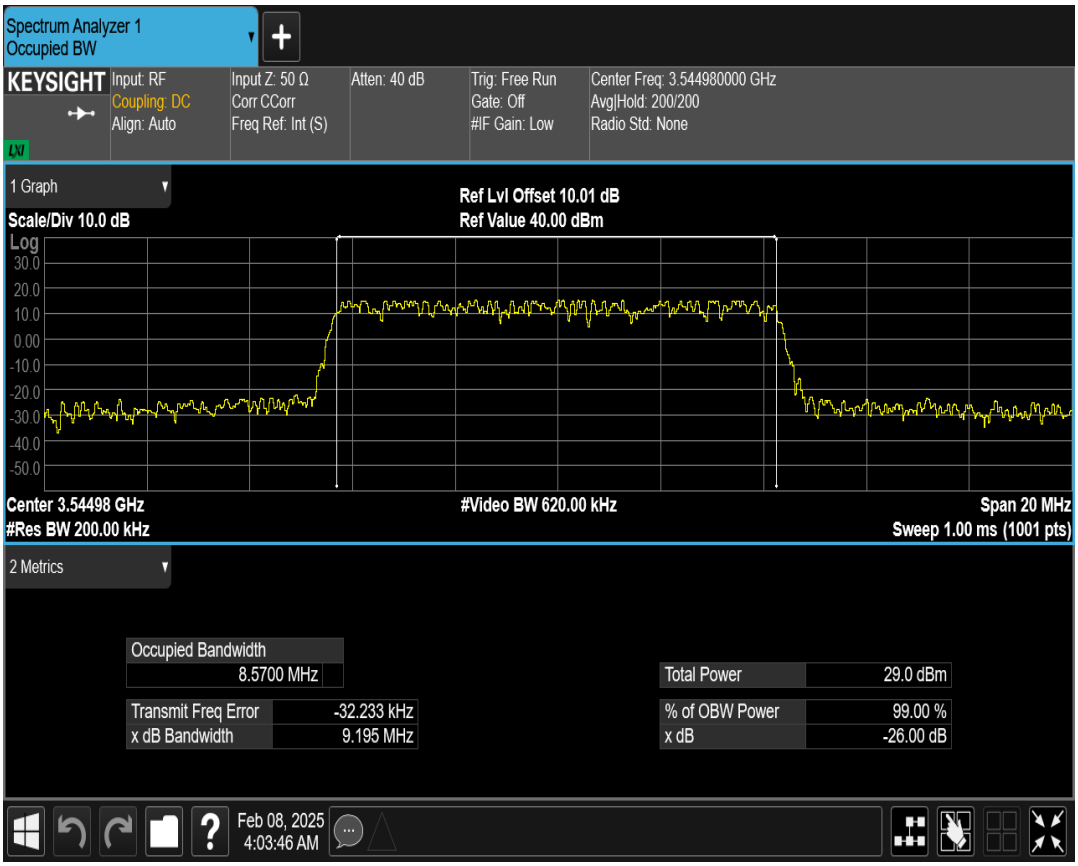
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=636332 RB=24@0



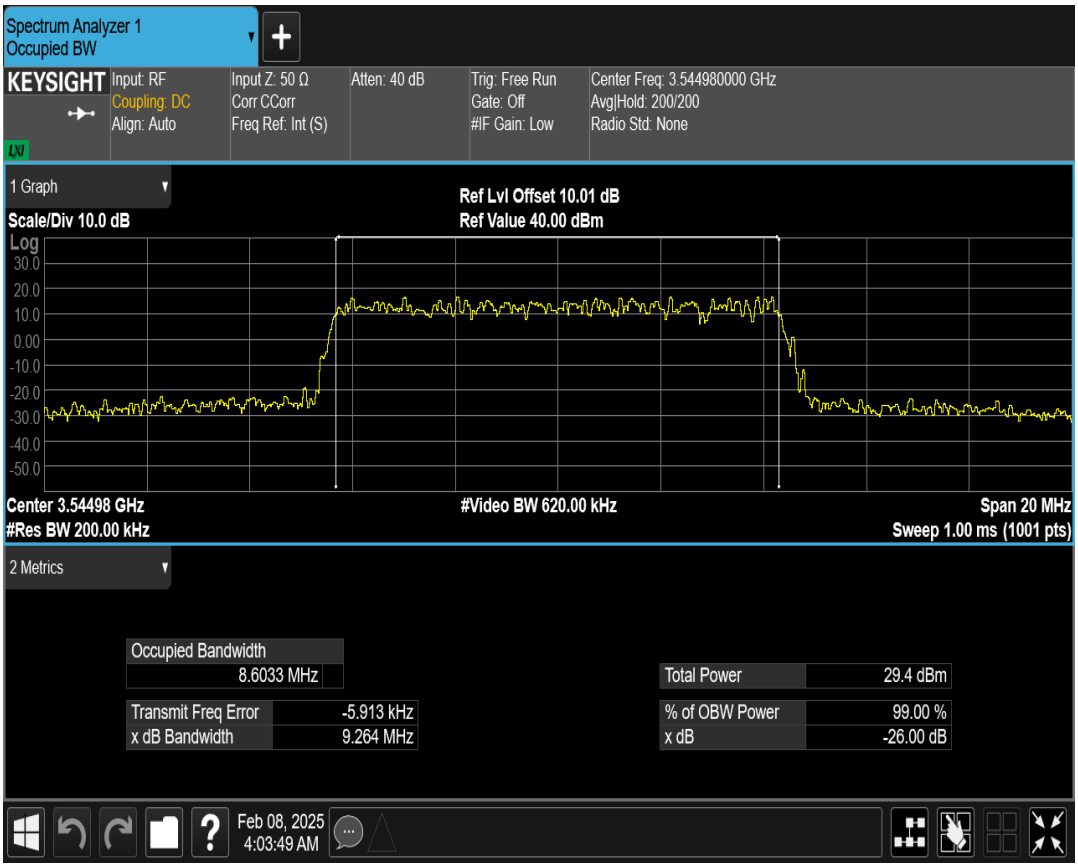
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=636332 RB=24@0



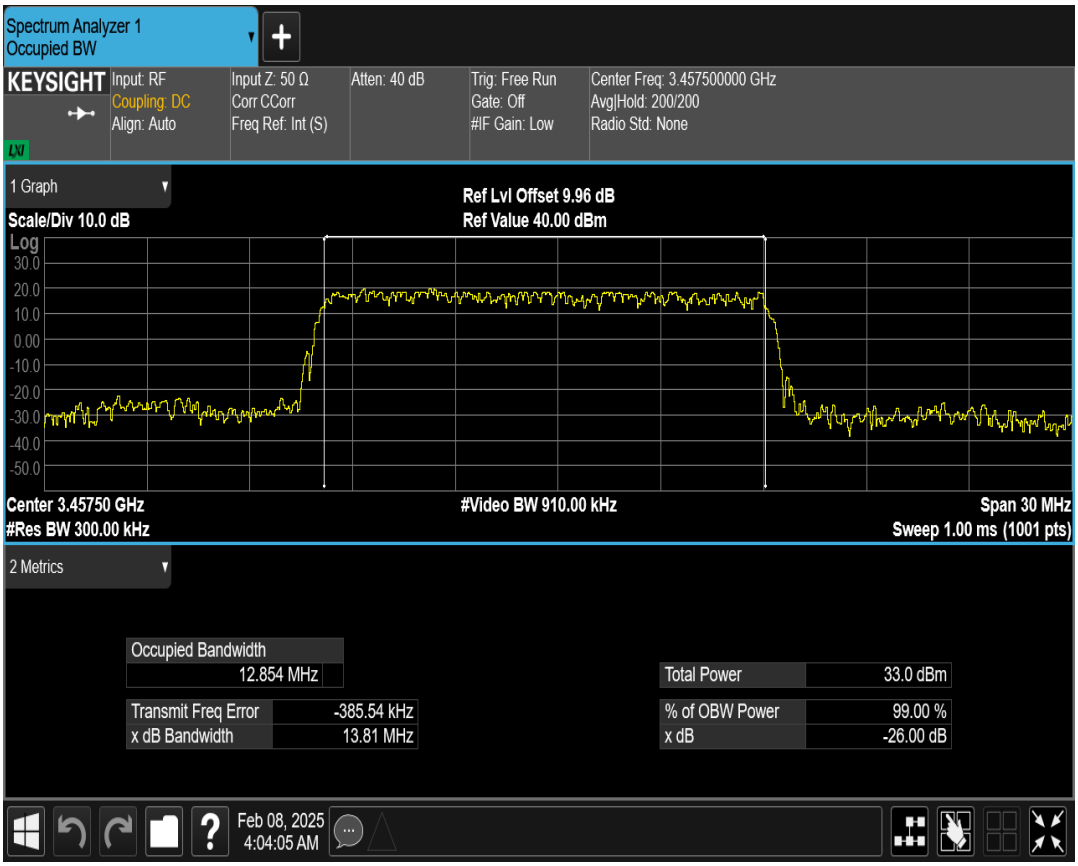
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=636332 RB=24@0



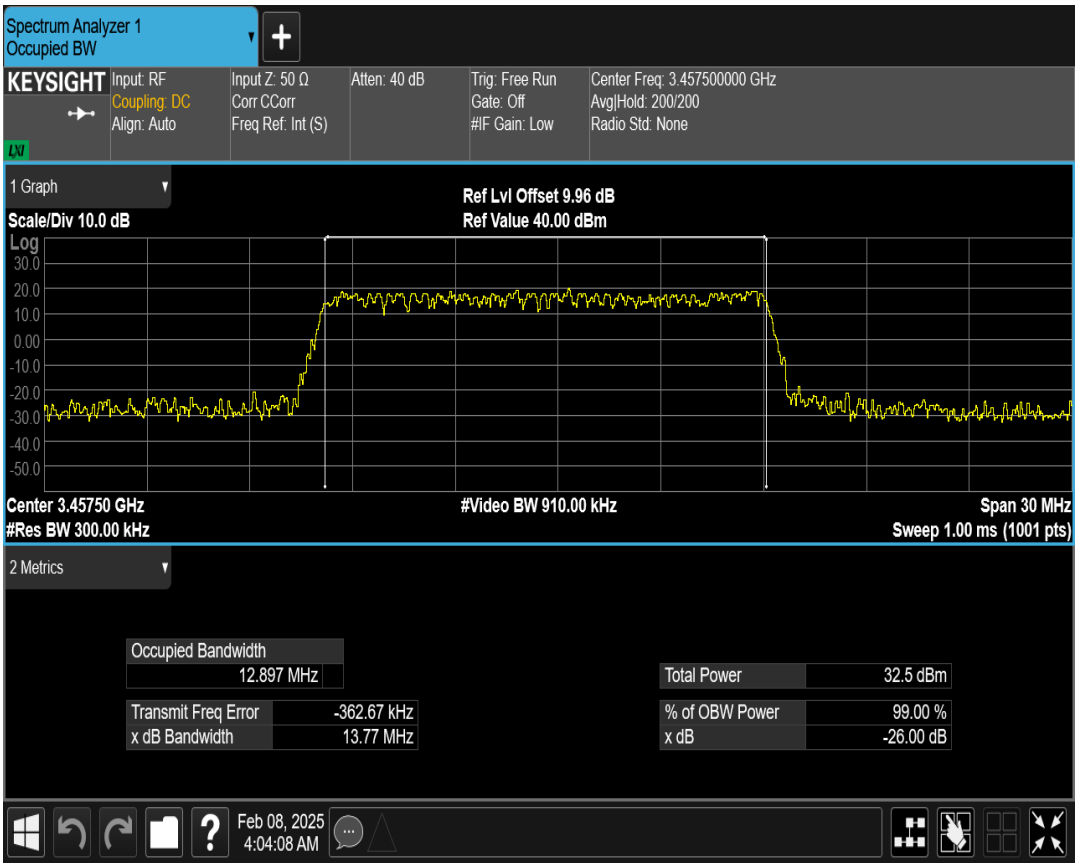
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=636332 RB=24@0



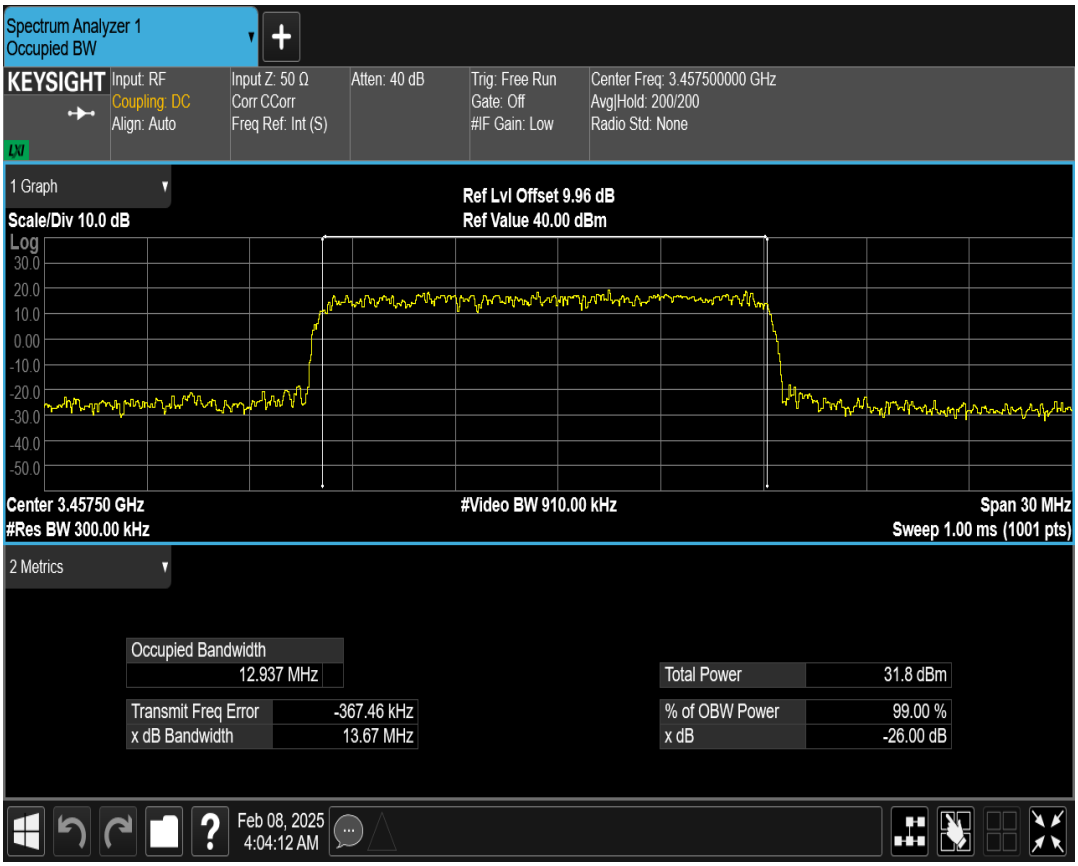
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=630500 RB=36@0



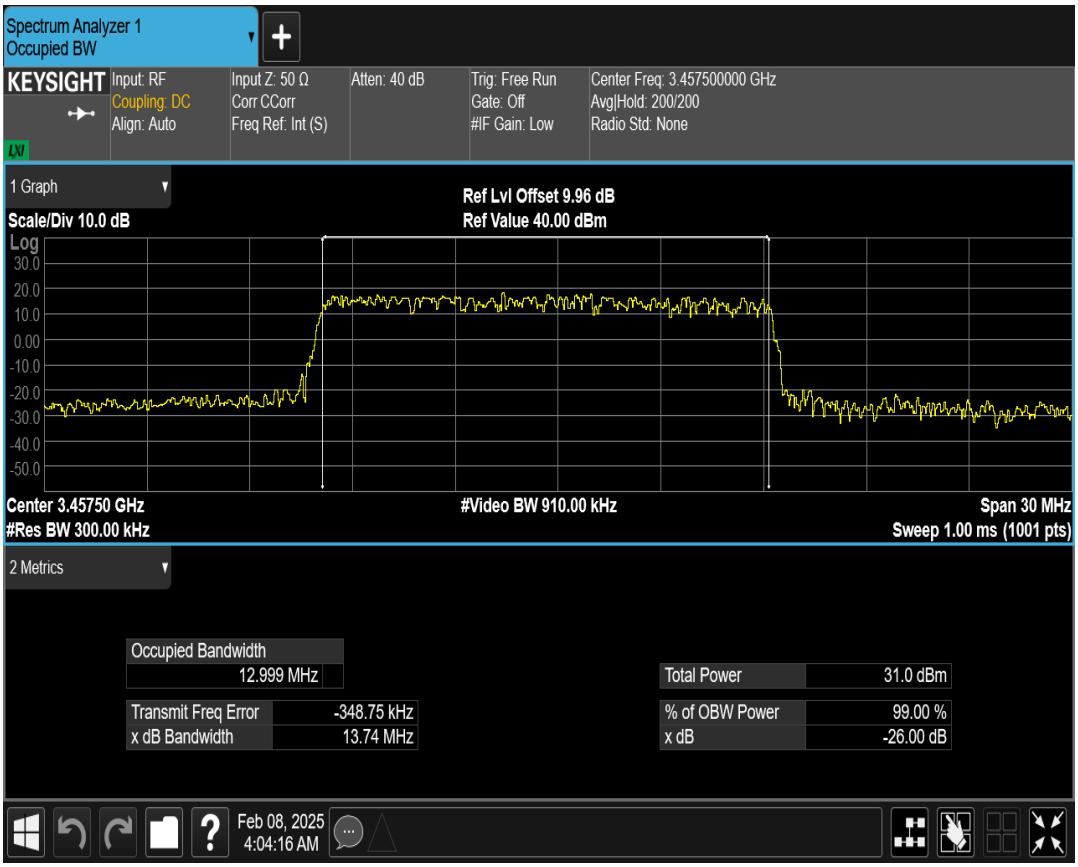
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=630500 RB=36@0



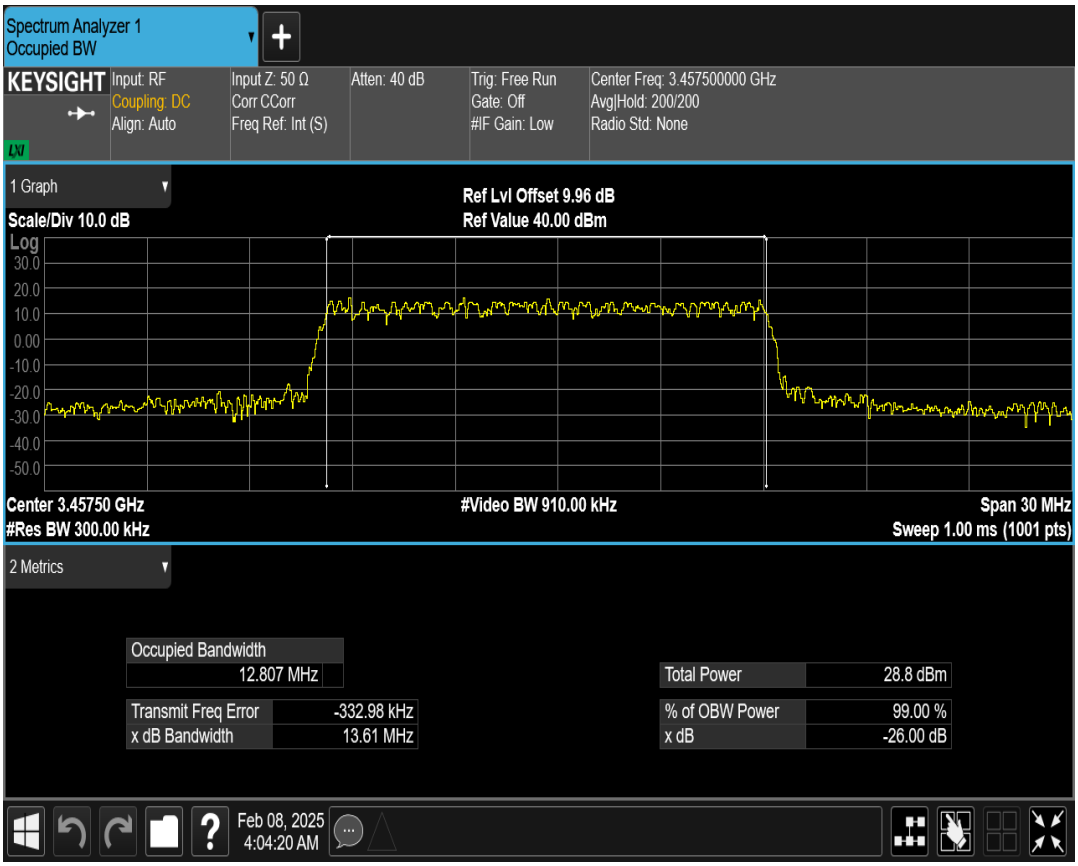
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=630500 RB=36@0



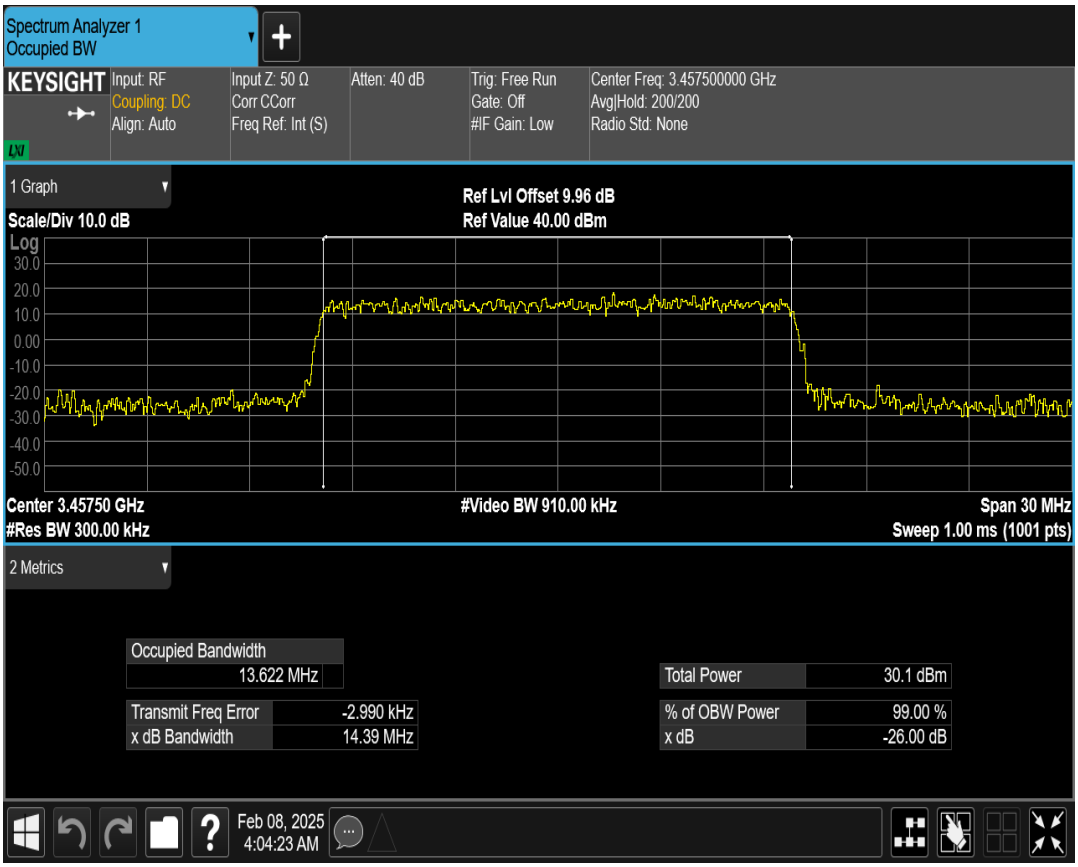
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=630500 RB=36@0



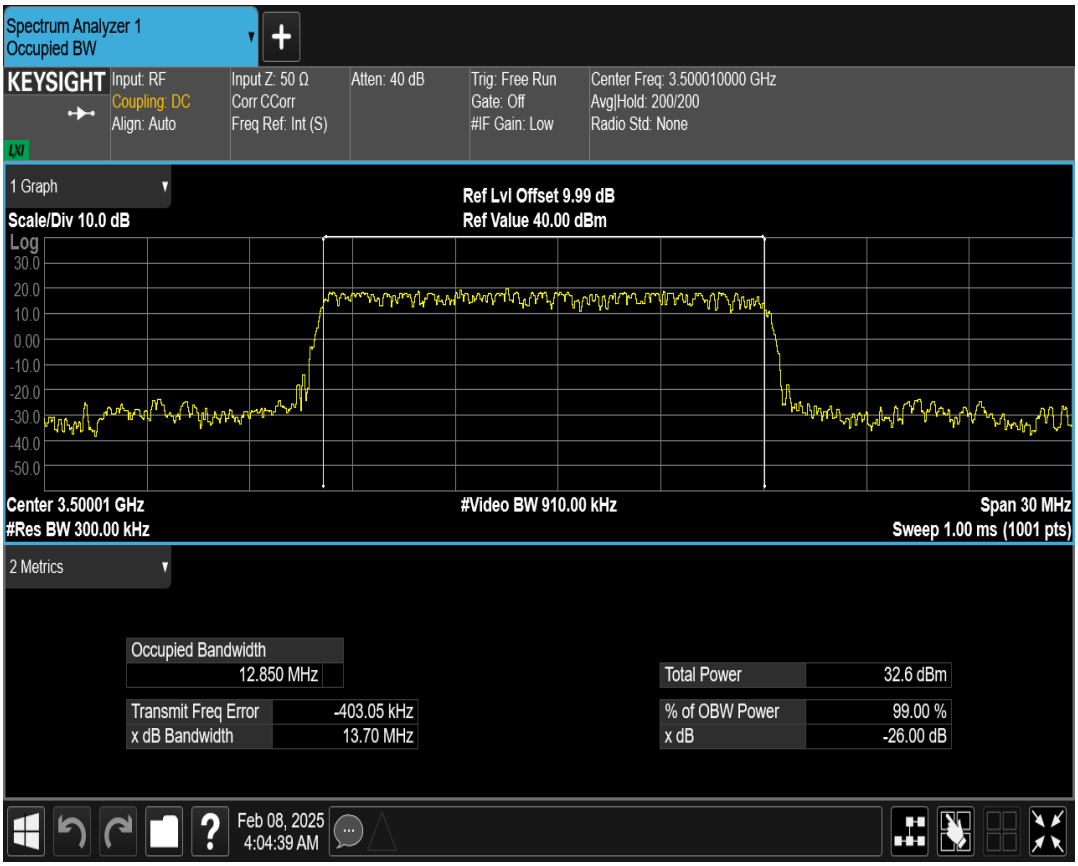
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=630500 RB=36@0



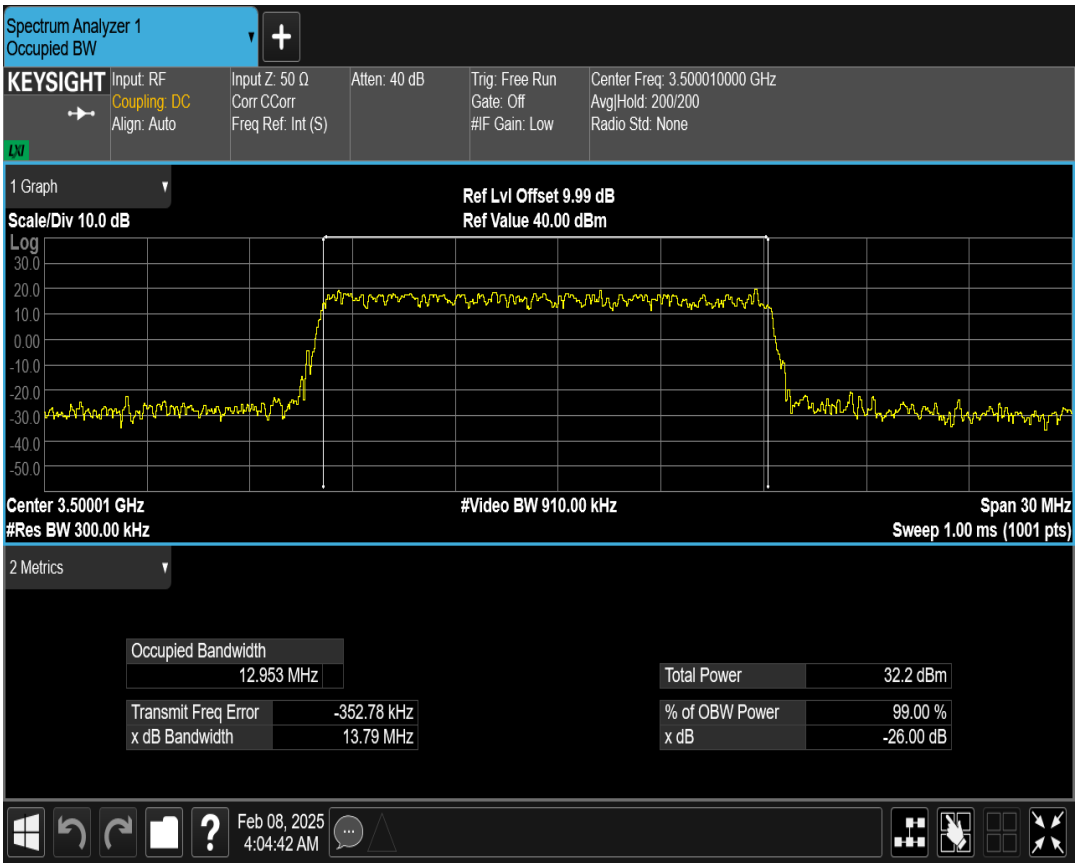
n77(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=630500 RB=38@0



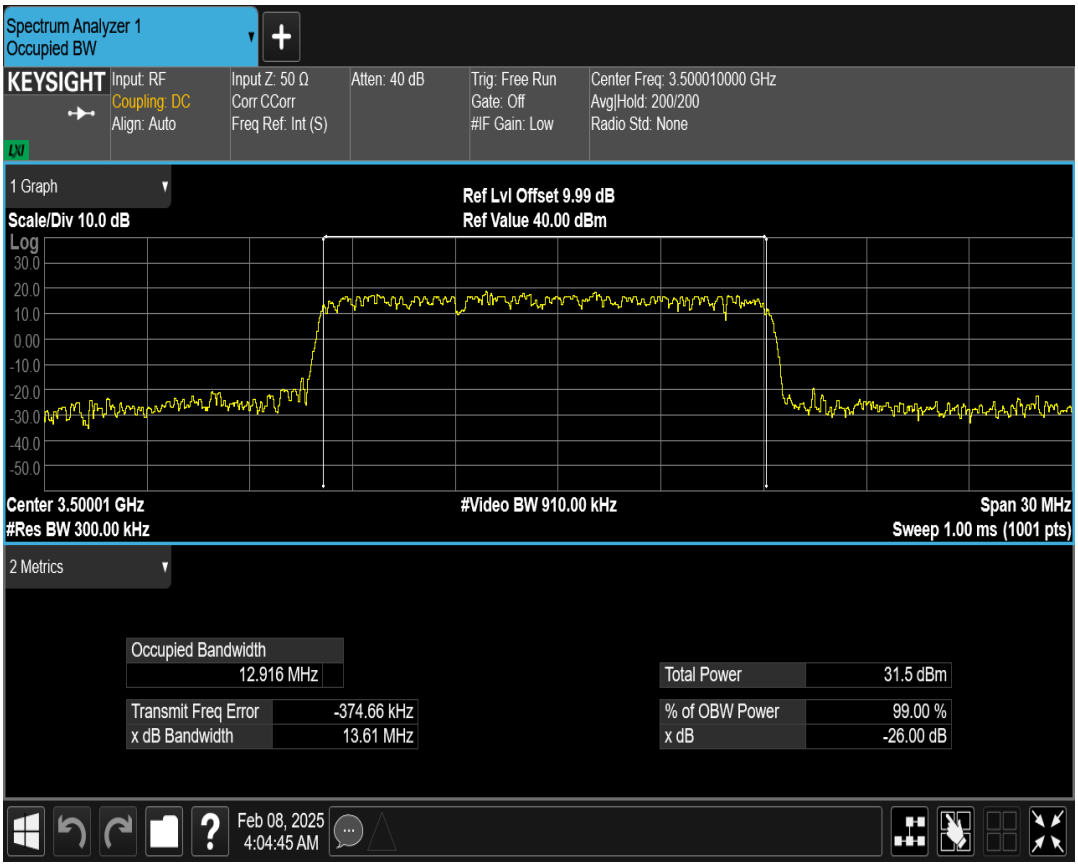
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



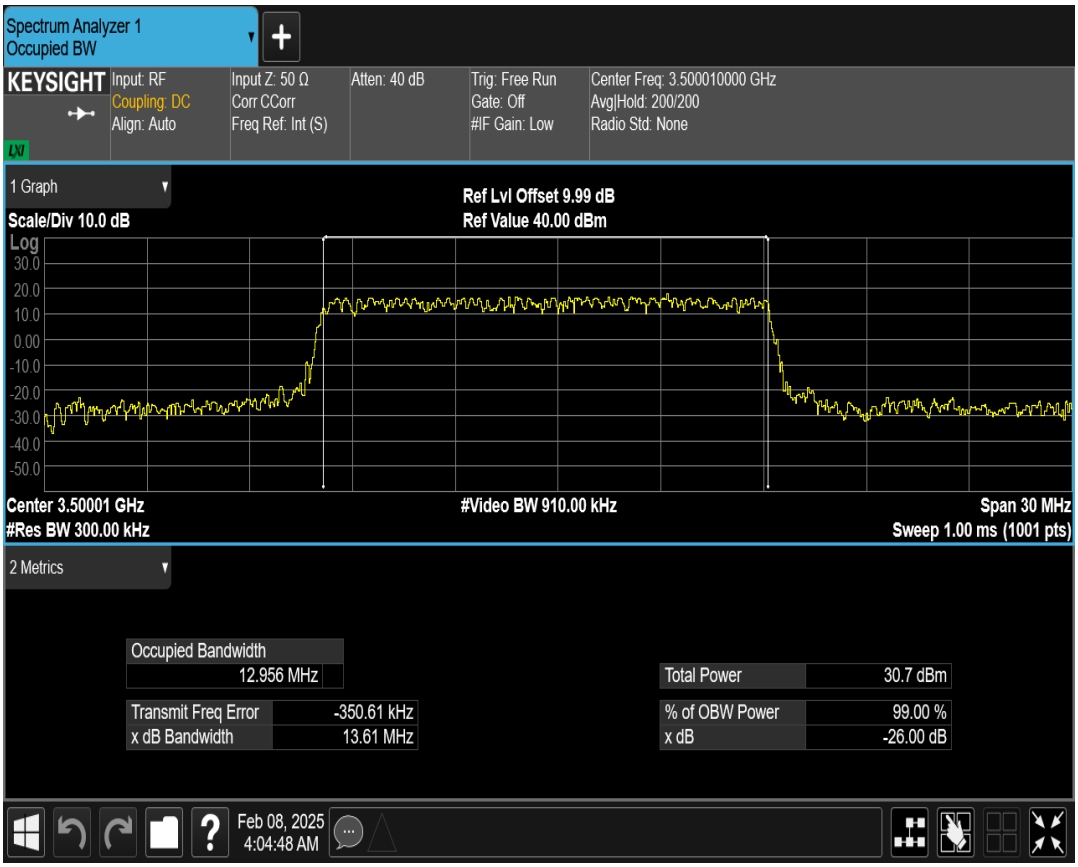
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36@0



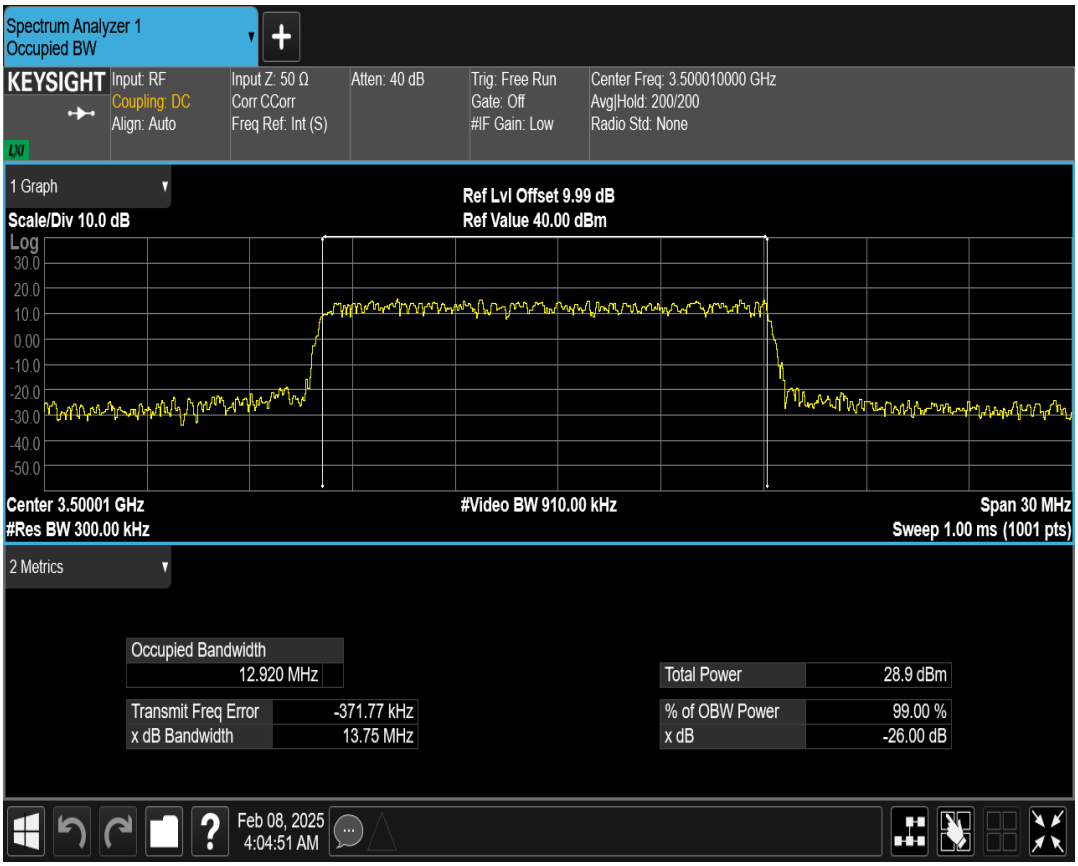
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=633334 RB=36@0



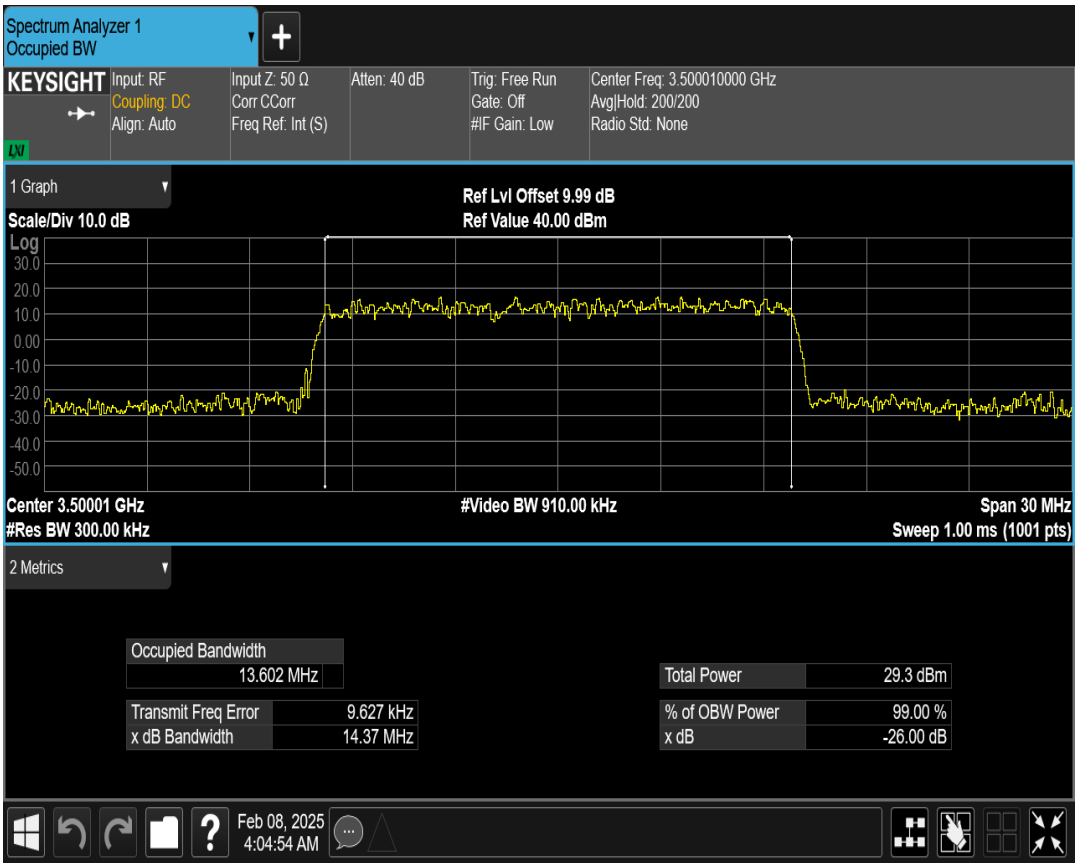
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=633334 RB=36@0



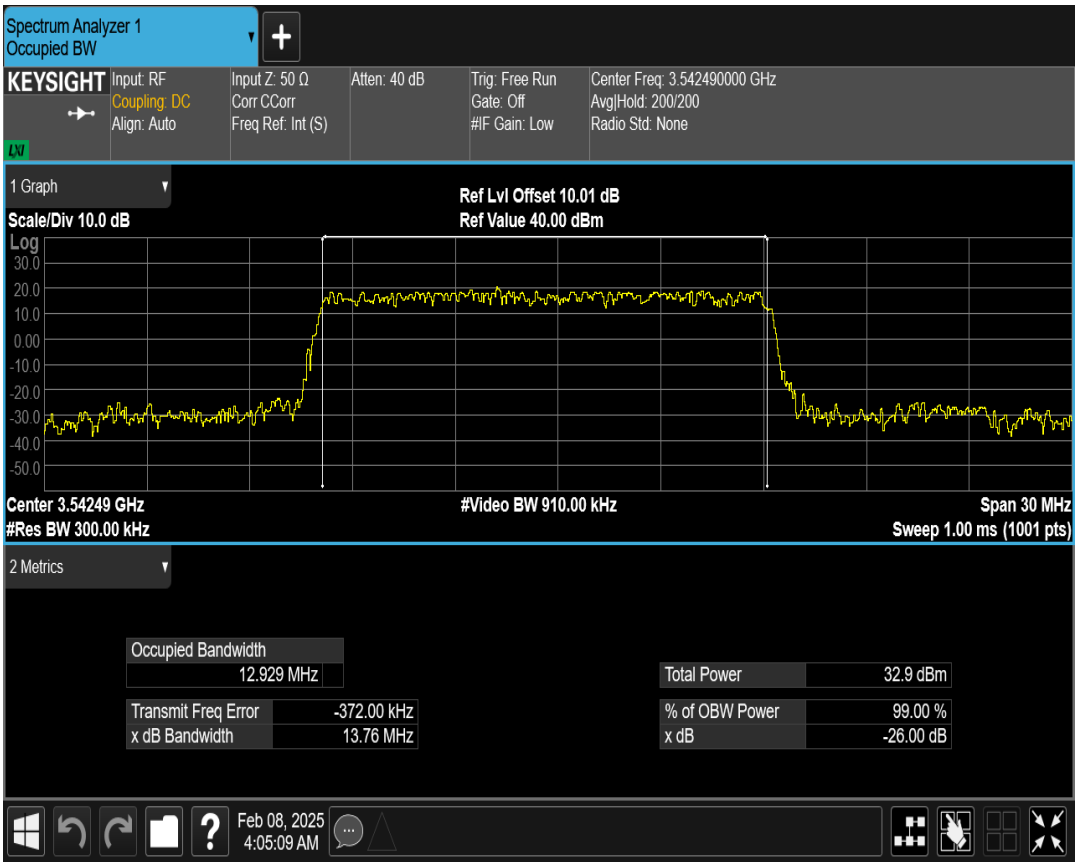
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=633334 RB=36@0



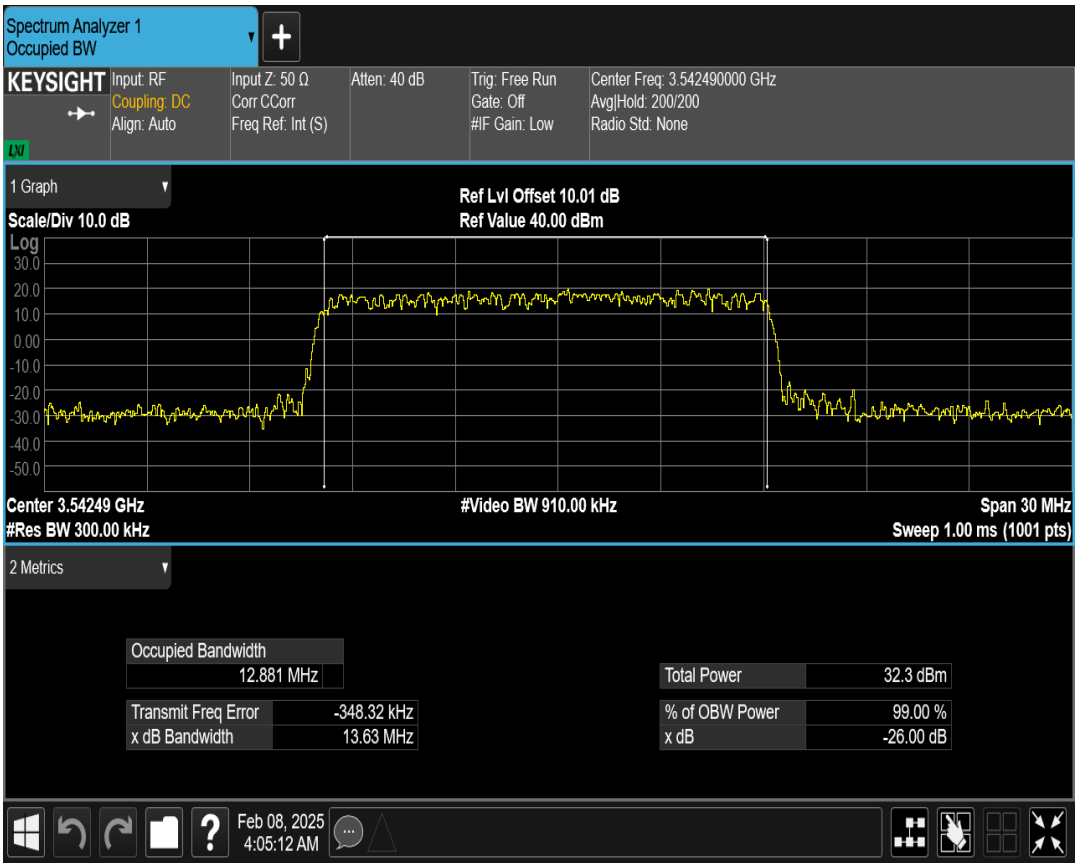
n77(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=633334 RB=38@0



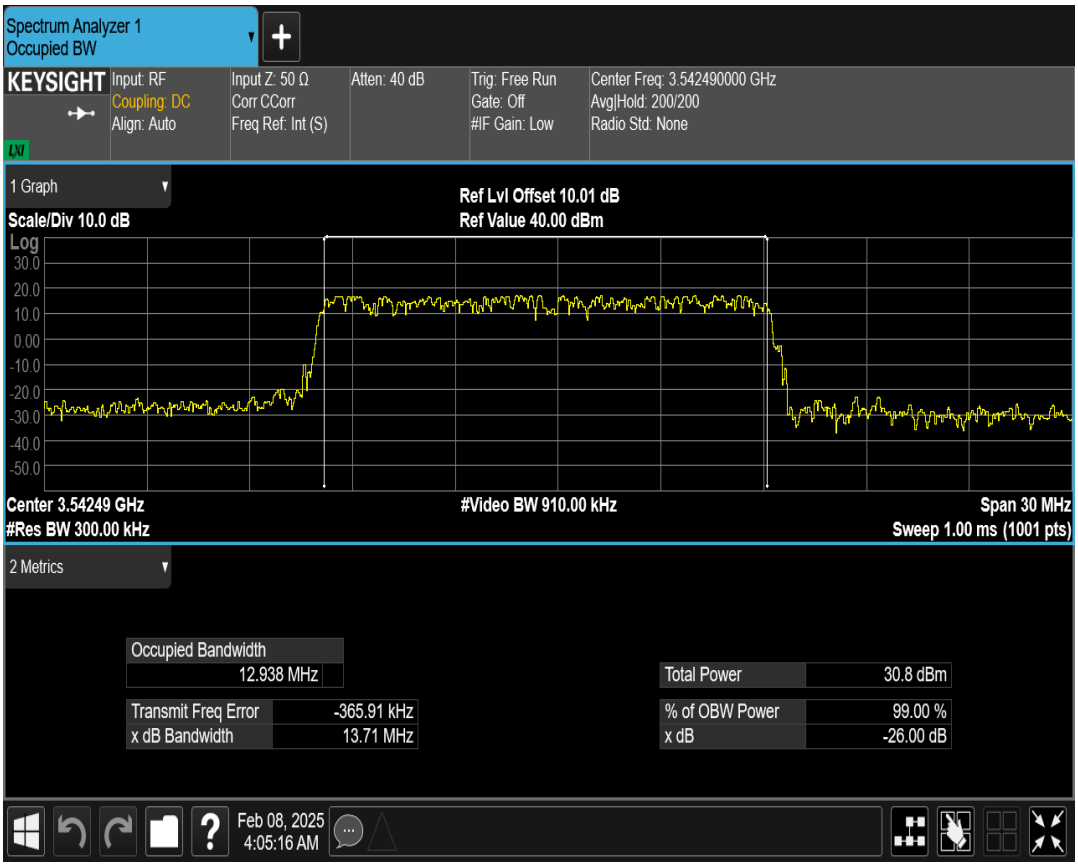
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=636166 RB=36@0



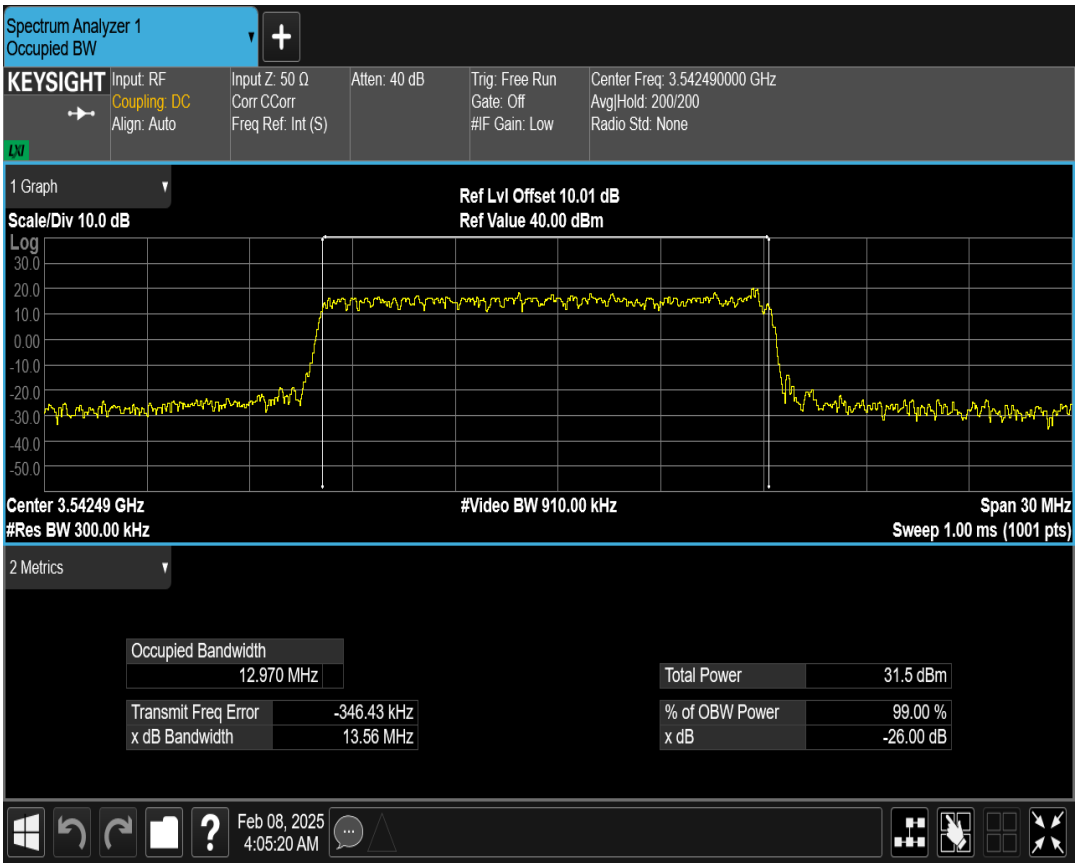
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=636166 RB=36@0



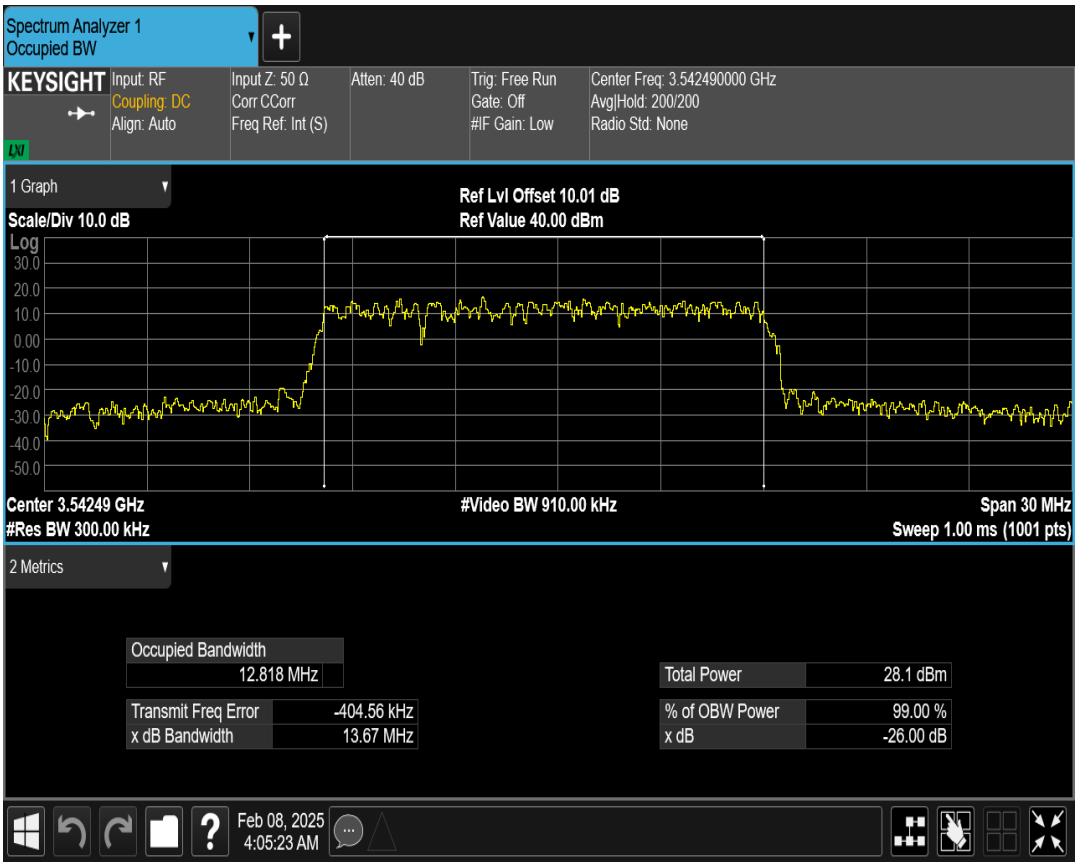
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=636166 RB=36@0



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



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



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