1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Power (dBm)	EIRP (dBm)	high Limit (dBm)	Verdict
n77(3450-3550)	30	10	630334	12@6	DFT_BPSK	25.43	25.93	37	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	25.46	25.96	37	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	25.25	25.75	37	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	25.47	25.97	37	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	25.28	25.78	37	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	25.10	25.60	37	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM16	24.47	24.97	37	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM16	24.91	25.41	37	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM16	24.71	25.21	37	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM64	22.92	23.42	37	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM64	23.17	23.67	37	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM64	23.04	23.54	37	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM256	21.10	21.60	37	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM256	21.26	21.76	37	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM256	21.06	21.56	37	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	24.05	24.55	37	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	24.09	24.59	37	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	23.74	24.24	37	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM16	23.56	24.06	37	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM16	23.12	23.62	37	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM16	23.10	23.60	37	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM64	21.96	22.46	37	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM64	21.93	22.43	37	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM64	21.71	22.21	37	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM256	19.09	19.59	37	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM256	19.42	19.92	37	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM256	19.27	19.77	37	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	25.63	26.13	37	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	25.67	26.17	37	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	25.36	25.86	37	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	25.65	26.15	37	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	25.51	26.01	37	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	25.37	25.87	37	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM16	24.68	25.18	37	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM16	25.04	25.54	37	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM16	24.81	25.31	37	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM64	23.14	23.64	37	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM64	23.43	23.93	37	PASS

n77(3450-3550)	30	10	633334	1@22	DFT_QAM64	23.17	23.67	37	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM256	21.22	21.72	37	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM256	21.39	21.89	37	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM256	21.17	21.67	37	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	24.13	24.63	37	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	24.23	24.73	37	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	23.83	24.33	37	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM16	23.68	24.18	37	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM16	23.44	23.94	37	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM16	23.30	23.80	37	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM64	22.24	22.74	37	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM64	22.18	22.68	37	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM64	21.94	22.44	37	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM256	19.16	19.66	37	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM256	19.34	19.84	37	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM256	19.03	19.53	37	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	25.50	26.00	37	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	25.59	26.09	37	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	25.22	25.72	37	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	25.53	26.03	37	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	25.45	25.95	37	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	25.09	25.59	37	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM16	24.52	25.02	37	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM16	24.98	25.48	37	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM16	24.62	25.12	37	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM64	23.08	23.58	37	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM64	23.28	23.78	37	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM64	22.71	23.21	37	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM256	21.11	21.61	37	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM256	21.30	21.80	37	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM256	21.35	21.85	37	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	23.98	24.48	37	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	24.09	24.59	37	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	23.58	24.08	37	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM16	23.54	24.04	37	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM16	23.67	24.17	37	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM16	22.99	23.49	37	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM64	22.00	22.50	37	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM64	22.67	23.17	37	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM64	21.78	22.28	37	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM256	19.02	19.52	37	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM256	19.18	19.68	37	PASS

n77(3450-3550)	30	10	636332	1@22	CP_QAM256	19.17	19.67	37	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	25.43	25.93	37	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	25.54	26.04	37	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	25.29	25.79	37	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	25.42	25.92	37	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	25.35	25.85	37	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	25.08	25.58	37	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM16	24.50	25.00	37	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM16	24.80	25.30	37	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM16	24.68	25.18	37	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM64	23.06	23.56	37	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM64	23.22	23.72	37	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM64	22.67	23.17	37	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM256	21.09	21.59	37	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM256	21.50	22.00	37	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM256	21.30	21.80	37	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	23.89	24.39	37	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	23.86	24.36	37	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	23.58	24.08	37	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM16	23.51	24.01	37	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM16	23.19	23.69	37	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM16	23.04	23.54	37	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM64	21.97	22.47	37	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM64	22.49	22.99	37	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM64	21.70	22.20	37	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM256	19.02	19.52	37	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM256	19.40	19.90	37	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM256	19.19	19.69	37	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	25.57	26.07	37	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	25.78	26.28	37	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	25.32	25.82	37	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	25.59	26.09	37	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	25.62	26.12	37	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	25.27	25.77	37	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM16	24.60	25.10	37	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM16	24.90	25.40	37	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM16	24.45	24.95	37	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM64	23.29	23.79	37	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM64	23.16	23.66	37	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM64	23.04	23.54	37	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM256	21.27	21.77	37	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM256	21.49	21.99	37	PASS

n77(3450-3550)	30	15	633334	1@36	DFT_QAM256	21.35	21.85	37	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	24.04	24.54	37	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	24.10	24.60	37	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	23.76	24.26	37	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM16	23.59	24.09	37	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM16	23.99	24.49	37	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM16	23.57	24.07	37	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM64	22.13	22.63	37	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM64	22.70	23.20	37	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM64	22.22	22.72	37	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM256	19.16	19.66	37	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM256	19.67	20.17	37	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM256	19.25	19.75	37	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	25.53	26.03	37	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	25.59	26.09	37	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	25.24	25.74	37	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	25.46	25.96	37	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	25.37	25.87	37	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	25.11	25.61	37	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM16	24.67	25.17	37	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM16	24.76	25.26	37	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM16	24.42	24.92	37	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM64	23.16	23.66	37	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM64	23.30	23.80	37	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM64	22.65	23.15	37	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM256	21.15	21.65	37	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM256	21.52	22.02	37	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM256	21.16	21.66	37	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	24.01	24.51	37	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	24.00	24.50	37	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	23.52	24.02	37	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM16	23.63	24.13	37	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM16	23.67	24.17	37	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM16	23.29	23.79	37	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM64	22.07	22.57	37	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM64	22.30	22.80	37	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM64	22.21	22.71	37	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM256	19.03	19.53	37	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM256	19.38	19.88	37	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM256	19.01	19.51	37	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	25.38	25.88	37	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	25.34	25.84	37	PASS

n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	25.26	25.76	37	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	25.42	25.92	37	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	25.26	25.76	37	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	25.09	25.59	37	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM16	24.48	24.98	37	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM16	24.77	25.27	37	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM16	24.59	25.09	37	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM64	22.91	23.41	37	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM64	23.09	23.59	37	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM64	22.70	23.20	37	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM256	20.93	21.43	37	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM256	21.22	21.72	37	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM256	21.03	21.53	37	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	24.01	24.51	37	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	23.63	24.13	37	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	23.50	24.00	37	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM16	23.49	23.99	37	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM16	23.20	23.70	37	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM16	23.48	23.98	37	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM64	21.89	22.39	37	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM64	22.22	22.72	37	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM64	22.15	22.65	37	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM256	18.96	19.46	37	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM256	18.97	19.47	37	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM256	19.19	19.69	37	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	25.64	26.14	37	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	25.67	26.17	37	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	25.22	25.72	37	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	25.62	26.12	37	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	25.51	26.01	37	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	25.07	25.57	37	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM16	24.68	25.18	37	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM16	25.13	25.63	37	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM16	24.53	25.03	37	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM64	23.14	23.64	37	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM64	23.40	23.90	37	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM64	22.59	23.09	37	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM256	21.29	21.79	37	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM256	21.43	21.93	37	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM256	21.21	21.71	37	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	24.13	24.63	37	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	24.18	24.68	37	PASS

n77(3450-3550)	30	20	633334	1@49	CP_QPSK	23.52	24.02	37	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM16	23.66	24.16	37	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM16	23.50	24.00	37	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM16	23.23	23.73	37	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM64	22.15	22.65	37	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM64	22.76	23.26	37	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM64	22.18	22.68	37	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM256	19.19	19.69	37	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM256	19.45	19.95	37	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM256	19.01	19.51	37	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	25.58	26.08	37	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	25.44	25.94	37	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	25.16	25.66	37	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	25.61	26.11	37	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	25.41	25.91	37	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	24.97	25.47	37	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM16	24.64	25.14	37	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM16	24.92	25.42	37	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM16	24.48	24.98	37	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM64	23.08	23.58	37	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM64	23.31	23.81	37	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM64	22.57	23.07	37	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM256	21.14	21.64	37	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM256	21.25	21.75	37	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM256	21.09	21.59	37	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	24.10	24.60	37	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	23.95	24.45	37	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	23.62	24.12	37	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM16	23.59	24.09	37	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM16	23.57	24.07	37	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM16	23.22	23.72	37	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM64	22.15	22.65	37	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM64	22.26	22.76	37	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM64	22.14	22.64	37	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM256	19.16	19.66	37	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM256	19.10	19.60	37	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM256	18.89	19.39	37	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_BPSK	25.33	25.83	37	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_BPSK	25.34	25.84	37	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_BPSK	25.53	26.03	37	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QPSK	25.30	25.80	37	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QPSK	25.17	25.67	37	PASS

n77(3450-3550)	30	30	631000	1@76	DFT_QPSK	25.37	25.87	37	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM16	24.44	24.94	37	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM16	24.25	24.75	37	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM16	24.80	25.30	37	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM64	22.84	23.34	37	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM64	23.04	23.54	37	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM64	22.85	23.35	37	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM256	20.97	21.47	37	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM256	21.30	21.80	37	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM256	21.25	21.75	37	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QPSK	23.94	24.44	37	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QPSK	23.64	24.14	37	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QPSK	23.75	24.25	37	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM16	23.34	23.84	37	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM16	23.11	23.61	37	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM16	23.58	24.08	37	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM64	21.82	22.32	37	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM64	21.67	22.17	37	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM64	22.51	23.01	37	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM256	18.94	19.44	37	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM256	19.20	19.70	37	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM256	19.35	19.85	37	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_BPSK	25.60	26.10	37	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_BPSK	25.59	26.09	37	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_BPSK	25.12	25.62	37	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QPSK	25.67	26.17	37	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QPSK	25.56	26.06	37	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QPSK	25.02	25.52	37	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM16	24.70	25.20	37	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM16	24.98	25.48	37	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM16	24.47	24.97	37	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM64	23.09	23.59	37	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM64	23.06	23.56	37	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM64	22.58	23.08	37	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM256	21.21	21.71	37	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM256	21.62	22.12	37	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM256	21.14	21.64	37	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QPSK	24.17	24.67	37	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QPSK	24.09	24.59	37	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QPSK	23.46	23.96	37	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM16	23.59	24.09	37	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM16	23.59	24.09	37	PASS

n77(3450-3550)	30	30	633334	1@76	CP_QAM16	23.01	23.51	37	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM64	22.06	22.56	37	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM64	22.57	23.07	37	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM64	22.15	22.65	37	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM256	19.15	19.65	37	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM256	19.13	19.63	37	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM256	19.03	19.53	37	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_BPSK	25.60	26.10	37	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_BPSK	25.32	25.82	37	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_BPSK	25.02	25.52	37	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QPSK	25.64	26.14	37	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QPSK	25.16	25.66	37	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QPSK	24.89	25.39	37	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM16	24.67	25.17	37	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM16	24.48	24.98	37	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM16	24.16	24.66	37	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM64	23.12	23.62	37	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM64	23.02	23.52	37	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM64	22.69	23.19	37	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM256	21.27	21.77	37	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM256	21.02	21.52	37	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM256	20.98	21.48	37	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QPSK	24.12	24.62	37	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QPSK	23.72	24.22	37	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QPSK	23.55	24.05	37	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM16	23.60	24.10	37	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM16	23.54	24.04	37	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM16	22.91	23.41	37	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM64	22.08	22.58	37	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM64	22.30	22.8	37	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM64	21.31	21.81	37	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM256	19.20	19.70	37	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM256	18.80	19.30	37	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM256	18.50	19.00	37	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	25.41	25.91	37	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	25.06	25.56	37	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	25.47	25.97	37	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	25.41	25.91	37	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	24.94	25.44	37	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	25.27	25.77	37	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM16	24.46	24.96	37	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM16	24.07	24.57	37	PASS

n77(3450-3550)	30	40	631334	1@104	DFT_QAM16	24.41	24.91	37	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM64	22.95	23.45	37	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM64	22.53	23.03	37	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM64	23.10	23.60	37	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM256	20.99	21.49	37	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM256	20.88	21.38	37	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM256	21.18	21.68	37	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	23.99	24.49	37	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	23.27	23.77	37	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	23.80	24.30	37	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM16	23.40	23.90	37	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM16	22.91	23.41	37	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM16	23.47	23.97	37	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM64	22.07	22.57	37	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM64	21.89	22.39	37	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM64	22.35	22.85	37	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM256	19.01	19.51	37	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM256	18.98	19.48	37	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM256	19.27	19.77	37	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	25.56	26.06	37	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	25.31	25.81	37	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	25.07	25.57	37	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	25.64	26.14	37	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	25.13	25.63	37	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	24.82	25.32	37	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM16	24.67	25.17	37	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM16	24.68	25.18	37	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM16	24.18	24.68	37	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM64	23.14	23.64	37	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM64	23.06	23.56	37	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM64	22.77	23.27	37	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM256	21.17	21.67	37	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM256	21.12	21.62	37	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM256	20.70	21.20	37	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	24.10	24.60	37	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	23.82	24.32	37	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	23.41	23.91	37	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM16	23.53	24.03	37	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM16	23.15	23.65	37	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM16	23.05	23.55	37	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM64	22.09	22.59	37	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM64	21.98	22.48	37	PASS

n77(3450-3550)	30	40	633334	1@104	CP_QAM64	21.68	22.18	37	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM256	19.14	19.64	37	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM256	19.08	19.58	37	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM256	18.53	19.03	37	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	25.59	26.09	37	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	24.86	25.36	37	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	24.88	25.38	37	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	25.64	26.14	37	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	24.72	25.22	37	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	24.59	25.09	37	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM16	24.61	25.11	37	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM16	24.21	24.71	37	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM16	23.95	24.45	37	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM64	23.11	23.61	37	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM64	22.28	22.78	37	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM64	22.53	23.03	37	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM256	21.18	21.68	37	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM256	20.78	21.28	37	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM256	20.52	21.02	37	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	24.08	24.58	37	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	23.28	23.78	37	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	23.20	23.70	37	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM16	23.58	24.08	37	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM16	23.01	23.51	37	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM16	22.90	23.40	37	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM64	22.13	22.63	37	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM64	21.55	22.05	37	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM64	21.76	22.26	37	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM256	19.12	19.62	37	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM256	18.39	18.89	37	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM256	18.54	19.04	37	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	25.65	26.15	37	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	25.39	25.89	37	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	25.40	25.90	37	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	25.55	26.05	37	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	25.20	25.70	37	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	25.25	25.75	37	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM16	24.67	25.17	37	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM16	24.58	25.08	37	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM16	24.76	25.26	37	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM64	23.15	23.65	37	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM64	23.13	23.63	37	PASS

n77(3450-3550)	30	50	631668	1@131	DFT_QAM64	22.88	23.38	37	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM256	21.29	21.79	37	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM256	21.03	21.53	37	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM256	21.37	21.87	37	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	24.06	24.56	37	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	23.76	24.26	37	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	23.81	24.31	37	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM16	23.63	24.13	37	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM16	23.07	23.57	37	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM16	23.45	23.95	37	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM64	22.14	22.64	37	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM64	21.99	22.49	37	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM64	22.41	22.91	37	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM256	19.22	19.72	37	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM256	19.10	19.60	37	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM256	19.13	19.63	37	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	25.66	26.16	37	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	25.49	25.99	37	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	25.41	25.91	37	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	25.68	26.18	37	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	25.48	25.98	37	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	25.20	25.70	37	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM16	24.76	25.26	37	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM16	24.82	25.32	37	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM16	24.72	25.22	37	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM64	23.22	23.72	37	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM64	23.13	23.63	37	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM64	23.09	23.59	37	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM256	21.19	21.69	37	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM256	21.45	21.95	37	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM256	21.31	21.81	37	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	24.10	24.60	37	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	23.78	24.28	37	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	23.81	24.31	37	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM16	23.58	24.08	37	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM16	23.35	23.85	37	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM16	23.42	23.92	37	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM64	22.18	22.68	37	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM64	21.92	22.42	37	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM64	22.44	22.94	37	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM256	19.22	19.72	37	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM256	19.24	19.74	37	PASS

n77(3450-3550)	30	50	633334	1@131	CP_QAM256	19.17	19.67	37	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	25.62	26.12	37	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	25.31	25.81	37	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	25.15	25.65	37	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	25.55	26.05	37	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	25.33	25.83	37	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	24.93	25.43	37	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM16	24.61	25.11	37	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM16	24.74	25.24	37	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM16	24.00	24.50	37	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM64	23.09	23.59	37	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM64	22.99	23.49	37	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM64	22.42	22.92	37	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM256	21.09	21.59	37	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM256	21.04	21.54	37	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM256	21.04	21.54	37	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	24.00	24.50	37	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	23.65	24.15	37	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	23.45	23.95	37	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM16	23.54	24.04	37	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM16	23.23	23.73	37	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM16	23.17	23.67	37	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM64	22.07	22.57	37	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM64	22.42	22.92	37	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM64	22.16	22.66	37	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM256	19.11	19.61	37	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM256	19.16	19.66	37	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM256	18.91	19.41	37	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	25.70	26.20	37	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	25.17	25.67	37	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	25.02	25.52	37	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	25.67	26.17	37	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	25.04	25.54	37	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	24.80	25.30	37	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM16	24.65	25.15	37	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM16	24.33	24.83	37	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM16	24.03	24.53	37	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM64	23.21	23.71	37	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM64	22.53	23.03	37	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM64	22.44	22.94	37	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM256	21.26	21.76	37	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM256	21.12	21.62	37	PASS

n77(3450-3550)	30	60	632000	1@160	DFT_QAM256	20.92	21.42	37	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	24.17	24.67	37	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	23.41	23.91	37	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	23.33	23.83	37	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM16	23.63	24.13	37	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM16	23.39	23.89	37	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM16	23.27	23.77	37	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM64	22.29	22.79	37	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM64	21.87	22.37	37	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM64	21.71	22.21	37	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM256	19.28	19.78	37	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM256	19.18	19.68	37	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM256	19.07	19.57	37	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	25.66	26.16	37	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	25.08	25.58	37	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	25.24	25.74	37	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	25.69	26.19	37	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	24.98	25.48	37	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	25.10	25.60	37	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM16	24.62	25.12	37	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM16	24.31	24.81	37	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM16	24.43	24.93	37	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM64	23.17	23.67	37	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM64	22.43	22.93	37	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM64	22.60	23.10	37	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM256	21.21	21.71	37	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM256	20.98	21.48	37	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM256	21.20	21.70	37	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	24.13	24.63	37	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	23.51	24.01	37	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	23.76	24.26	37	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM16	23.62	24.12	37	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM16	23.13	23.63	37	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM16	23.21	23.71	37	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM64	22.16	22.66	37	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM64	21.47	21.97	37	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM64	21.68	22.18	37	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM256	19.24	19.74	37	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM256	19.01	19.51	37	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM256	19.31	19.81	37	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	25.55	26.05	37	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	25.47	25.97	37	PASS

n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	24.99	25.49	37	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	25.55	26.05	37	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	25.27	25.77	37	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	24.81	25.31	37	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM16	24.54	25.04	37	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM16	24.81	25.31	37	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM16	24.27	24.77	37	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM64	23.06	23.56	37	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM64	22.89	23.39	37	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM64	22.62	23.12	37	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM256	21.09	21.59	37	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM256	21.44	21.94	37	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM256	20.93	21.43	37	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	24.05	24.55	37	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	23.92	24.42	37	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	23.39	23.89	37	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM16	23.50	24.00	37	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM16	23.77	24.27	37	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM16	22.77	23.27	37	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM64	21.99	22.49	37	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM64	22.34	22.84	37	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM64	21.74	22.24	37	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM256	19.11	19.61	37	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM256	19.40	19.90	37	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM256	18.86	19.36	37	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	25.66	26.16	37	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	24.94	25.44	37	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	25.11	25.61	37	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	25.70	26.20	37	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	24.75	25.25	37	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	24.91	25.41	37	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM16	24.72	25.22	37	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM16	24.20	24.70	37	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM16	24.45	24.95	37	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM64	23.22	23.72	37	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM64	22.55	23.05	37	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM64	22.57	23.07	37	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM256	21.27	21.77	37	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM256	20.84	21.34	37	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM256	21.13	21.63	37	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	24.13	24.63	37	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	23.26	23.76	37	PASS

n77(3450-3550)	30	80	632668	1@215	CP_QPSK	23.54	24.04	37	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM16	23.64	24.14	37	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM16	23.24	23.74	37	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM16	23.04	23.54	37	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM64	22.20	22.70	37	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM64	21.77	22.27	37	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM64	21.99	22.49	37	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM256	19.25	19.75	37	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM256	18.43	18.93	37	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM256	18.53	19.03	37	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	25.65	26.15	37	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	24.71	25.21	37	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	25.00	25.50	37	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	25.66	26.16	37	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	24.51	25.01	37	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	24.85	25.35	37	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM16	24.71	25.21	37	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM16	24.13	24.63	37	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM16	24.29	24.79	37	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM64	23.21	23.71	37	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM64	22.27	22.77	37	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM64	22.86	23.36	37	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM256	21.18	21.68	37	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM256	20.81	21.31	37	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM256	21.07	21.57	37	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	24.04	24.54	37	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	22.99	23.49	37	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QPSK	23.30	23.80	37	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM16	23.67	24.17	37	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM16	22.65	23.15	37	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM16	23.01	23.51	37	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM64	22.10	22.60	37	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM64	21.19	21.69	37	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM64	22.13	22.63	37	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM256	19.16	19.66	37	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM256	18.18	18.68	37	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM256	18.49	18.99	37	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	25.52	26.02	37	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	24.90	25.40	37	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	24.72	25.22	37	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	25.57	26.07	37	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	24.63	25.13	37	PASS

n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	24.59	25.09	37	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM16	24.50	25.00	37	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM16	24.24	24.74	37	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM16	23.98	24.48	37	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM64	23.08	23.58	37	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM64	22.67	23.17	37	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM64	22.29	22.79	37	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM256	21.05	21.55	37	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM256	20.64	21.14	37	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM256	20.59	21.09	37	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	23.94	24.44	37	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	23.35	23.85	37	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QPSK	23.10	23.60	37	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM16	23.56	24.06	37	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM16	22.80	23.30	37	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM16	23.00	23.50	37	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM64	22.03	22.53	37	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM64	21.27	21.77	37	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM64	21.18	21.68	37	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM256	19.05	19.55	37	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM256	18.30	18.80	37	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM256	18.48	18.98	37	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	25.61	26.11	37	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	24.73	25.23	37	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	24.26	24.76	37	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	25.56	26.06	37	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	24.63	25.13	37	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	24.83	25.33	37	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM16	24.62	25.12	37	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM16	24.01	24.51	37	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM16	24.26	24.76	37	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM64	23.11	23.61	37	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM64	22.55	23.05	37	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM64	22.51	23.01	37	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM256	21.22	21.72	37	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM256	20.54	21.04	37	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM256	20.64	21.14	37	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	24.00	24.50	37	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	23.31	23.81	37	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	23.45	23.95	37	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM16	23.58	24.08	37	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM16	22.63	23.13	37	PASS

n77(3450-3550)	30	90	633000	1@243	CP_QAM16	22.74	23.24	37	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM64	22.04	22.54	37	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM64	21.72	22.22	37	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM64	21.18	21.68	37	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM256	19.10	19.60	37	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM256	18.24	18.74	37	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM256	18.72	19.22	37	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	25.60	26.10	37	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	24.69	25.19	37	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	24.81	25.31	37	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	25.64	26.14	37	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	24.75	25.25	37	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	24.84	25.34	37	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM16	24.55	25.05	37	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM16	23.70	24.20	37	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM16	23.79	24.29	37	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM64	23.17	23.67	37	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM64	22.03	22.53	37	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM64	22.10	22.60	37	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM256	21.15	21.65	37	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM256	20.61	21.11	37	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM256	20.74	21.24	37	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	24.07	24.57	37	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	23.07	23.57	37	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	23.16	23.66	37	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM16	23.61	24.11	37	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM16	22.77	23.27	37	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM16	22.95	23.45	37	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM64	22.04	22.54	37	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM64	21.02	21.52	37	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM64	21.14	21.64	37	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM256	19.16	19.66	37	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM256	18.62	19.12	37	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM256	18.80	19.30	37	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	25.54	26.04	37	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	24.67	25.17	37	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	24.69	25.19	37	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	25.53	26.03	37	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	24.48	24.98	37	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	24.52	25.02	37	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM16	24.57	25.07	37	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM16	24.01	24.51	37	PASS

n77(3450-3550)	30	90	633666	1@243	DFT_QAM16	23.55	24.05	37	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM64	23.17	23.67	37	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM64	22.01	22.51	37	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM64	22.04	22.54	37	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM256	21.14	21.64	37	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM256	20.62	21.12	37	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM256	20.32	20.82	37	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	23.96	24.46	37	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	22.93	23.43	37	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	23.15	23.65	37	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM16	23.56	24.06	37	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM16	22.52	23.02	37	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM16	22.68	23.18	37	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM64	22.07	22.57	37	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM64	21.63	22.13	37	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM64	21.10	21.60	37	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM256	19.09	19.59	37	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM256	18.43	18.93	37	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM256	18.17	18.67	37	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	25.48	25.98	37	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	24.60	25.10	37	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	24.48	24.98	37	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	25.50	26.00	37	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	24.62	25.12	37	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	24.39	24.89	37	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM16	24.58	25.08	37	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM16	23.62	24.12	37	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM16	23.48	23.98	37	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM64	23.08	23.58	37	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM64	21.95	22.45	37	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM64	21.76	22.26	37	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM256	21.11	21.61	37	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM256	20.51	21.01	37	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM256	20.30	20.80	37	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	24.07	24.57	37	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	22.93	23.43	37	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	22.71	23.21	37	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM16	23.51	24.01	37	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM16	22.74	23.24	37	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM16	22.49	22.99	37	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM64	22.07	22.57	37	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM64	21.00	21.50	37	PASS

n77(3450-3550)	30	100	633334	1@271	CP_QAM64	20.78	21.28	37	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM256	19.16	19.66	37	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM256	18.55	19.05	37	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM256	18.35	18.85	37	PASS

Note: EIRP = Conducted output power + ANT Gain

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	30	100	633334	135@67	DFT_BPSK	3.87	-24.14	-0.01	Within authorized band for 5G NR n77	PASS
n77	30	100	633334	135@67	DFT_BPSK	3.50	-23.41	-0.01		PASS
n77	30	100	633334	135@67	DFT_BPSK	4.45	-20.58	-0.01		PASS
n77	30	100	633334	135@67	DFT_QPSK	3.87	-27.06	-0.01		PASS
n77	30	100	633334	135@67	DFT_QPSK	3.50	-16.40	0.00		PASS
n77	30	100	633334	135@67	DFT_QPSK	4.45	-18.83	-0.01		PASS

Note: Only the worst case shown in the report.

NV:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(℃)	Result (Hz)	Result (ppm)	Limit (ppm)	Verdict
n77	30	100	633334	135@67	DFT_BPSK	-30	-21.06	-0.01	Within authorized band for 5G NR n77	PASS
n77	30	100	633334	135@67	DFT_BPSK	-20	-24.38	-0.01		PASS
n77	30	100	633334	135@67	DFT_BPSK	-10	-19.45	-0.01		PASS
n77	30	100	633334	135@67	DFT_BPSK	0	-18.64	-0.01		PASS
n77	30	100	633334	135@67	DFT_BPSK	10	-18.46	-0.01		PASS
n77	30	100	633334	135@67	DFT_BPSK	20	-19.34	-0.01		PASS
n77	30	100	633334	135@67	DFT_BPSK	30	-20.26	-0.01		PASS
n77	30	100	633334	135@67	DFT_BPSK	40	-20.12	-0.01		PASS
n77	30	100	633334	135@67	DFT_BPSK	50	-18.96	-0.01		PASS
n77	30	100	633334	135@67	DFT_QPSK	-30	-20.06	-0.01		PASS
n77	30	100	633334	135@67	DFT_QPSK	-20	-20.56	-0.01		PASS
n77	30	100	633334	135@67	DFT_QPSK	-10	-17.35	-0.01		PASS
n77	30	100	633334	135@67	DFT_QPSK	0	-19.53	-0.01		PASS
n77	30	100	633334	135@67	DFT_QPSK	10	-18.67	-0.01		PASS
n77	30	100	633334	135@67	DFT_QPSK	20	-19.87	-0.01		PASS
n77	30	100	633334	135@67	DFT_QPSK	30	-21.16	-0.01		PASS
n77	30	100	633334	135@67	DFT_QPSK	40	-20.97	-0.01		PASS
n77	30	100	633334	135@67	DFT_QPSK	50	-19.93	-0.01		PASS

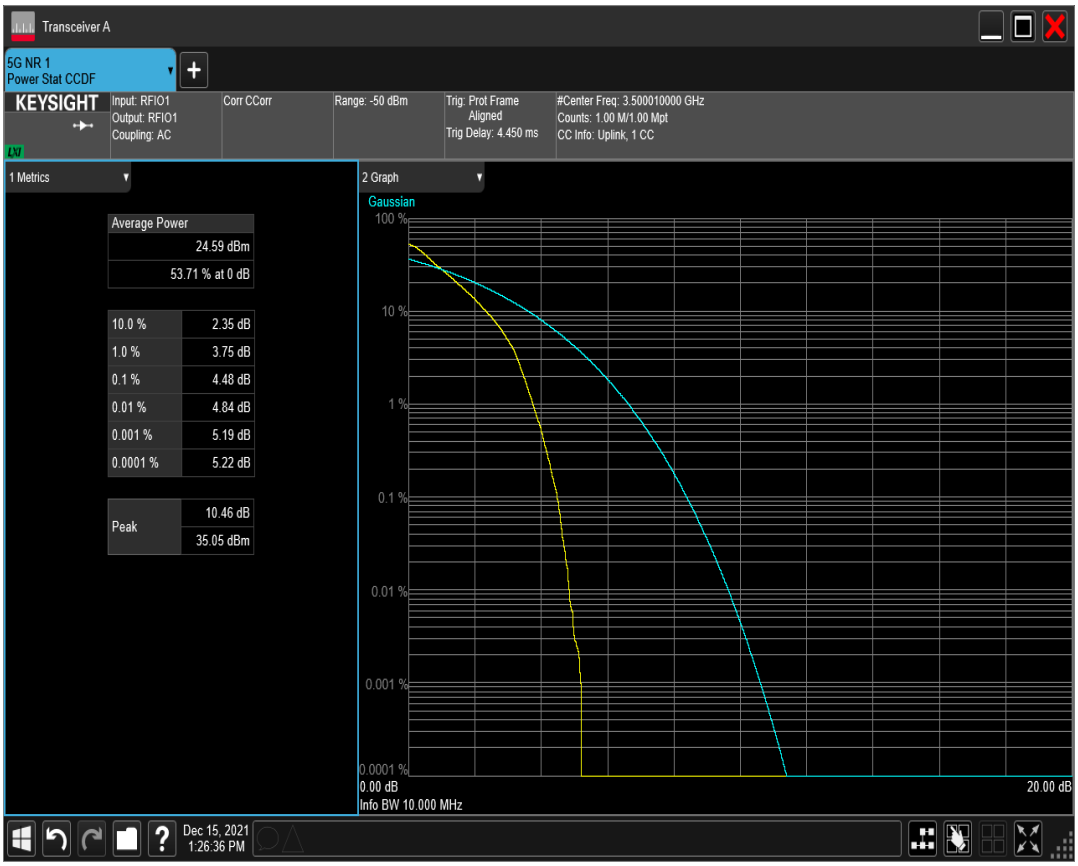
Note: Only the worst case shown in the report.

3 Peak-to-Average Ratio for NR FR1

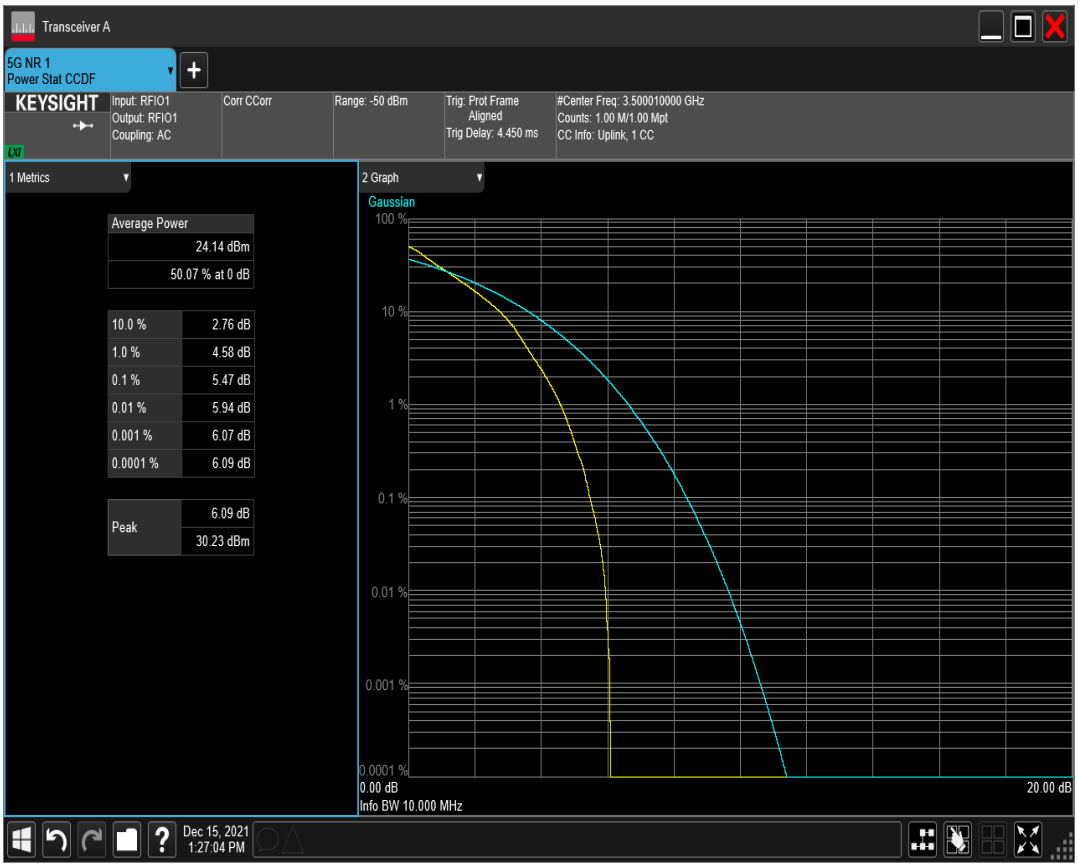
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	4.48	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	5.47	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	6.32	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	6.65	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	7.05	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	4.52	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	5.61	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	6.29	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	6.65	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	6.98	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	4.64	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	5.67	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	6.41	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	6.62	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	7.04	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	4.53	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	5.53	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	6.34	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	6.65	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	6.99	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	4.57	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	5.62	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	6.37	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	6.64	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	7.07	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	4.98	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	5.74	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	6.39	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	6.61	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	6.95	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	4.49	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	5.59	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	6.35	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	6.64	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	7.06	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	5.11	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	5.70	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	6.41	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	6.65	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	6.92	13	PASS

n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	4.85	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	5.72	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	6.45	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	6.70	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	7.03	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	5.15	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	5.71	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	6.46	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	6.70	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	6.96	13	PASS

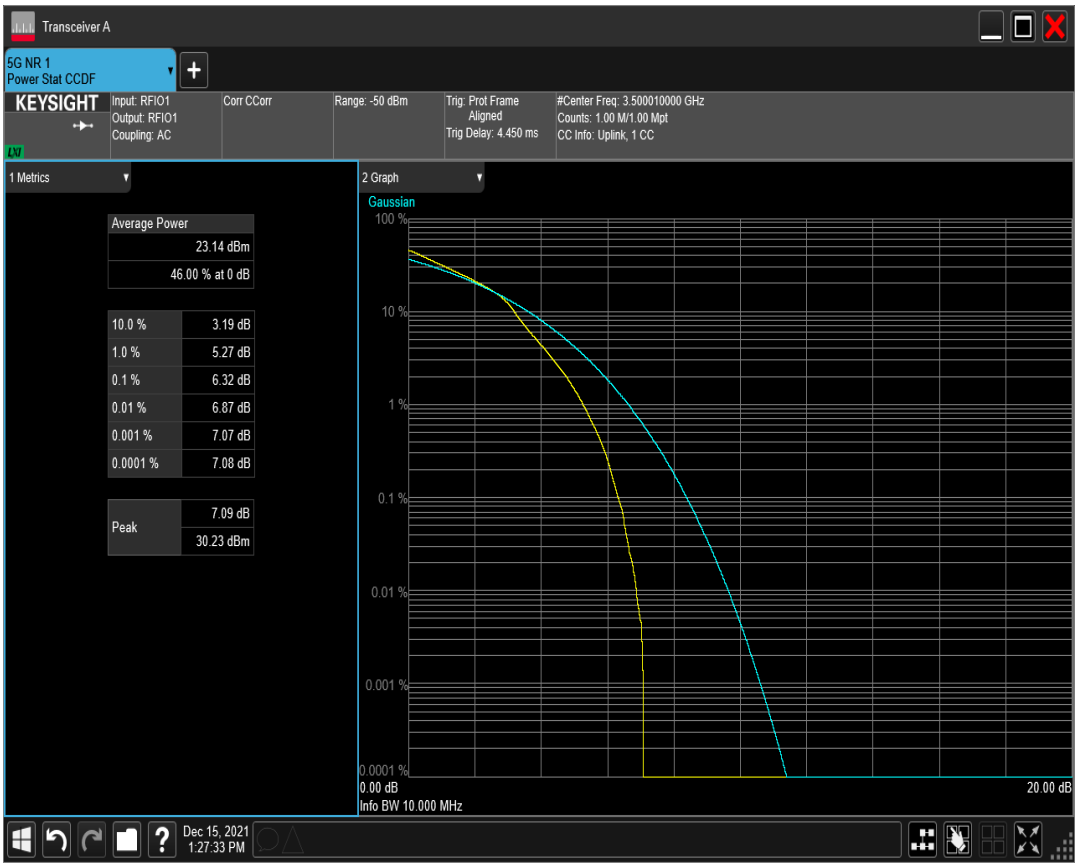
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



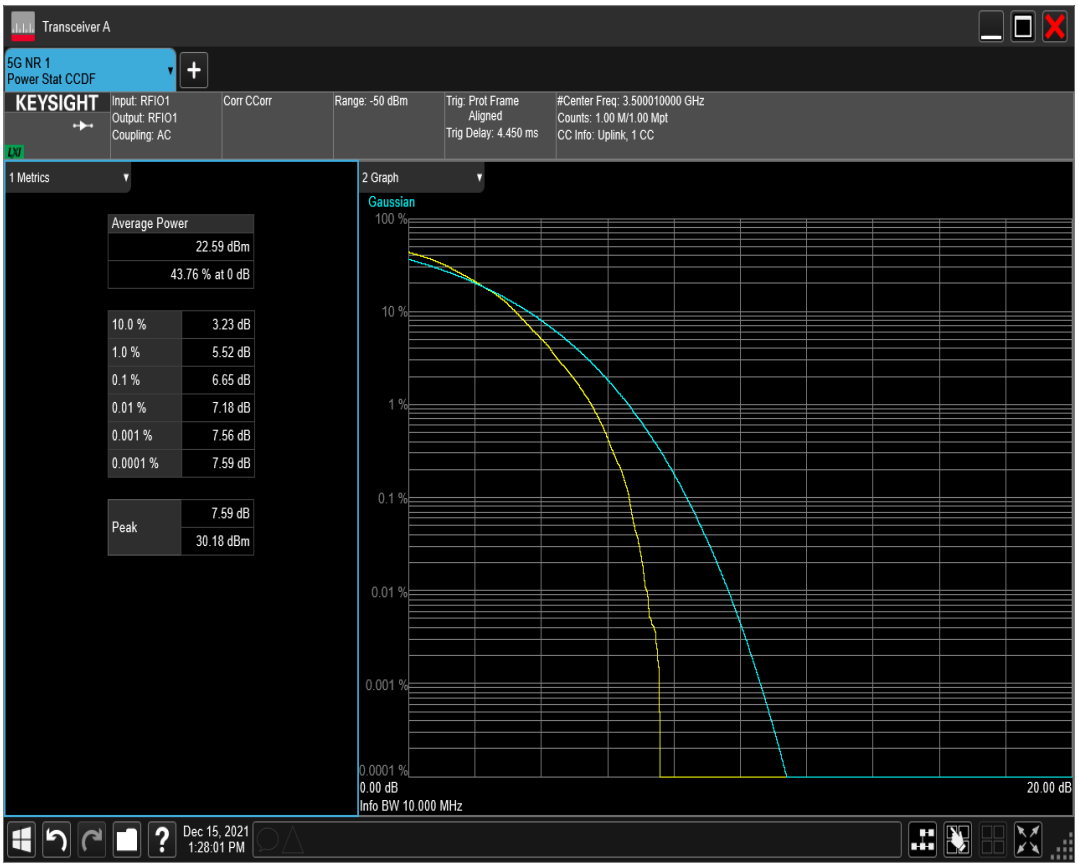
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



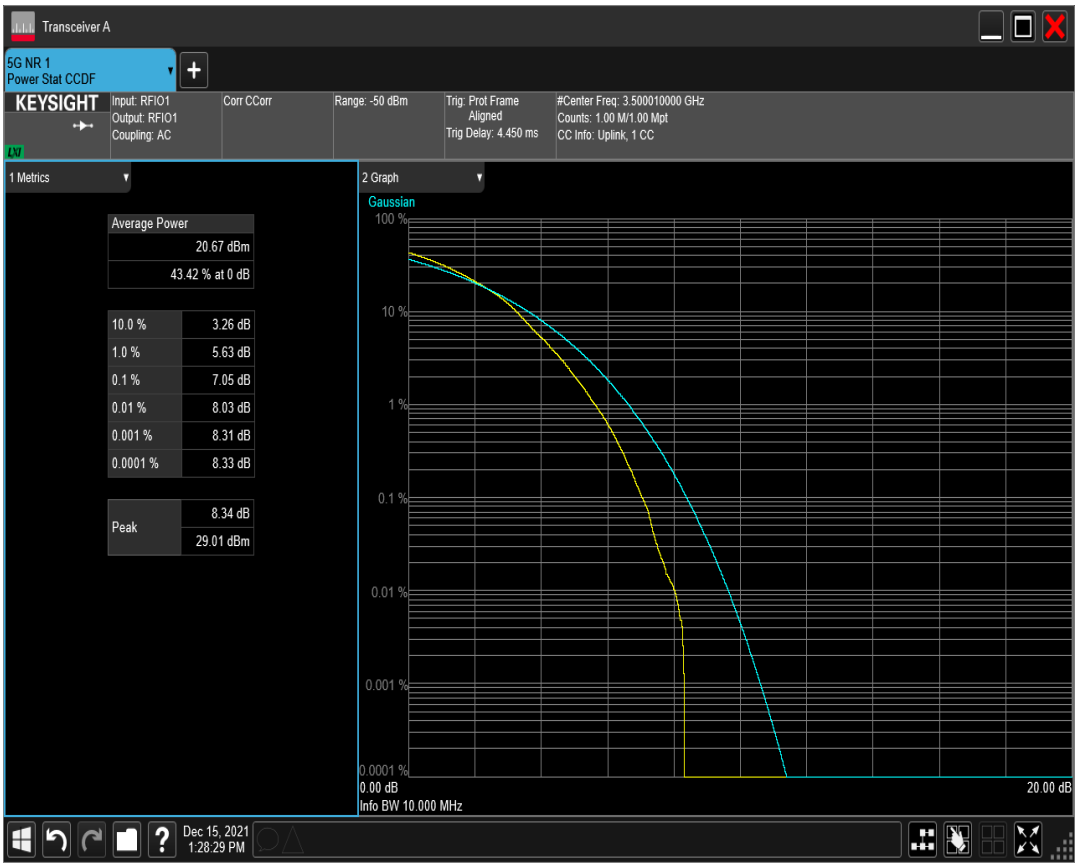
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=633334 RB=24@0



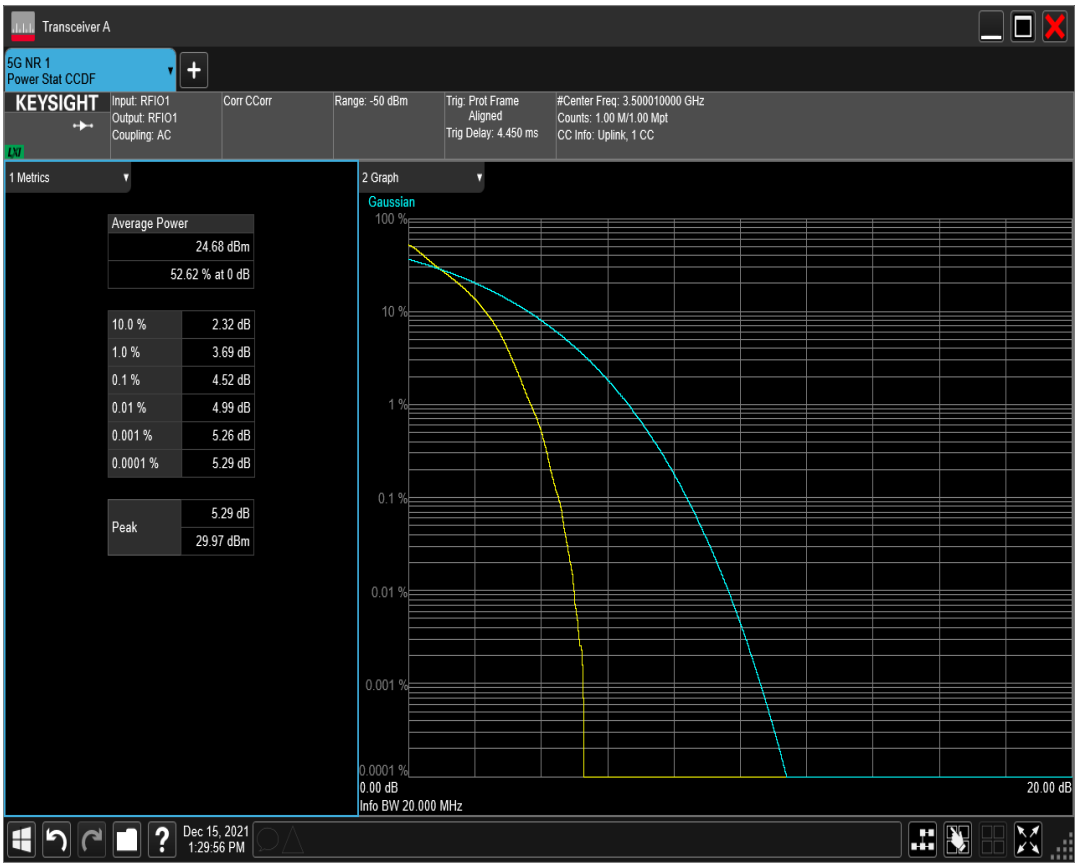
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=633334 RB=24@0



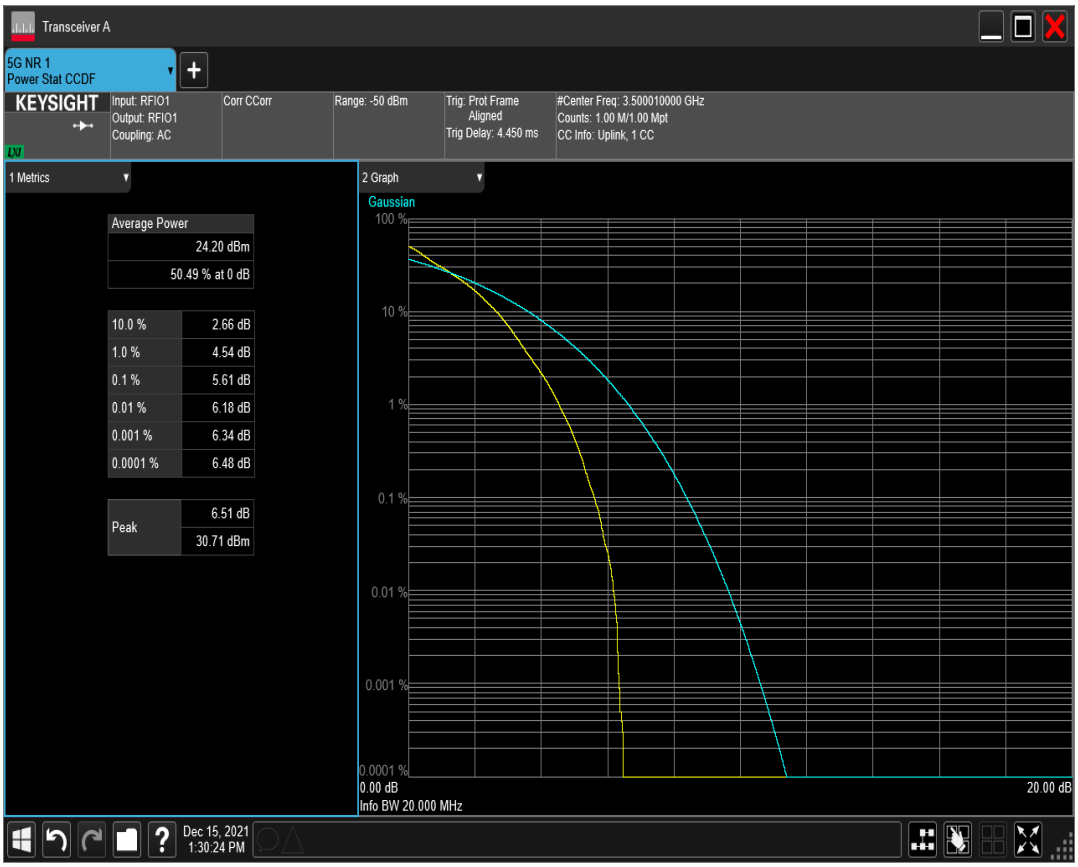
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=633334 RB=24@0



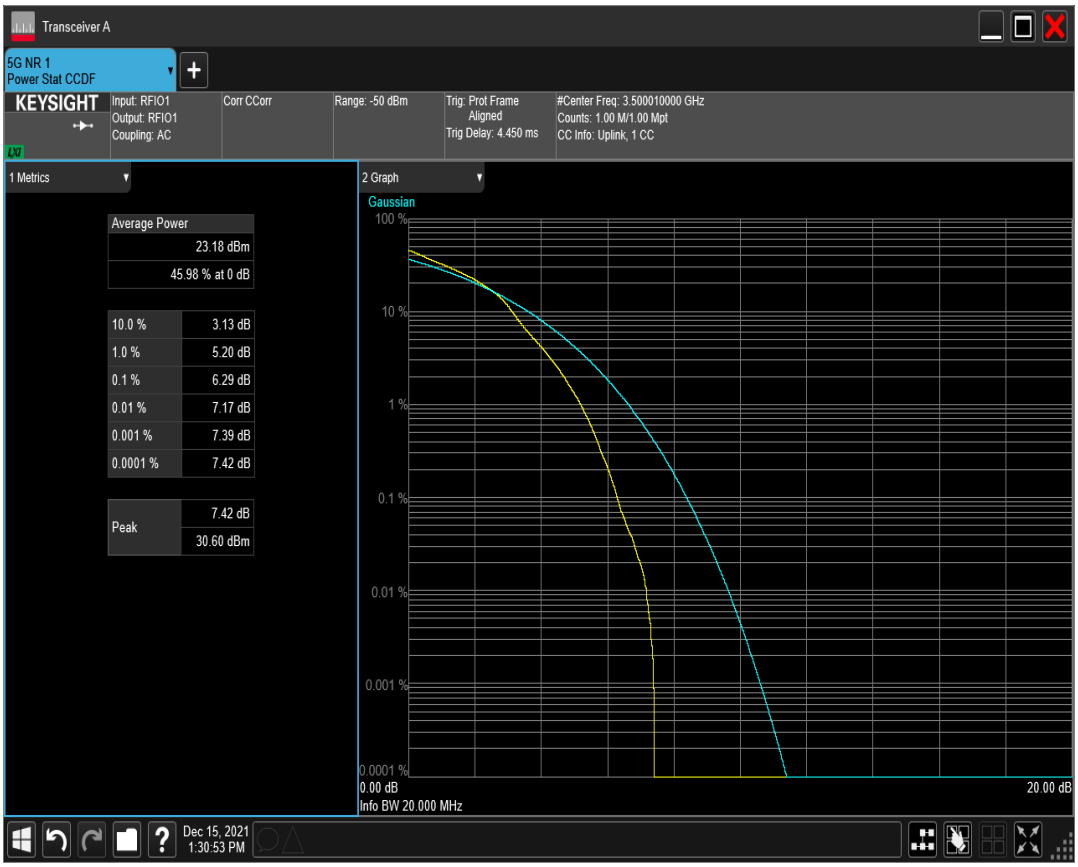
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



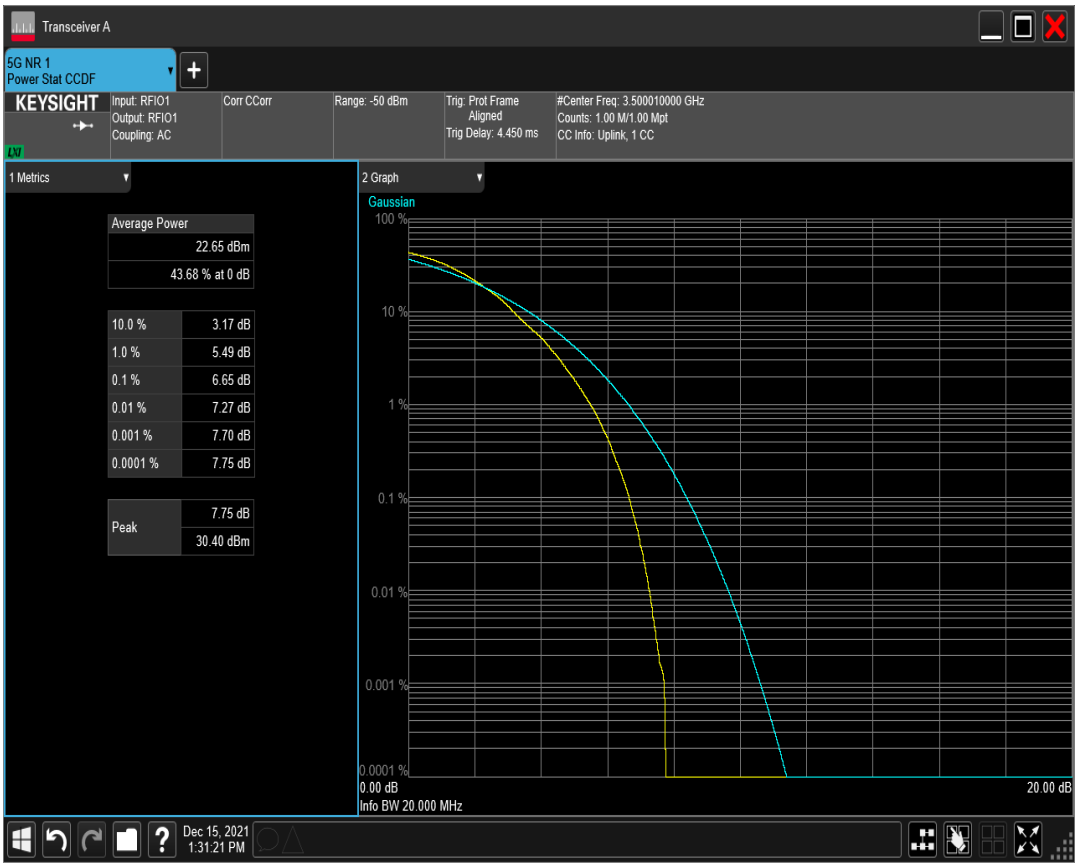
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36@0



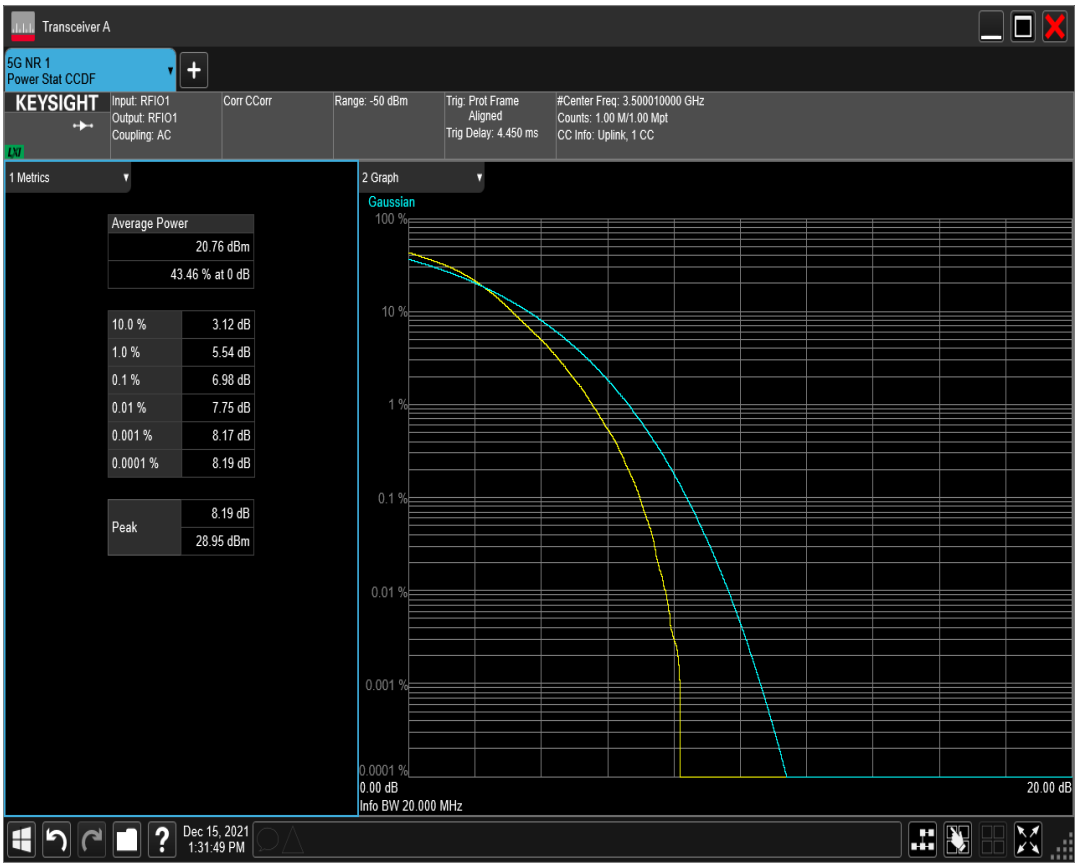
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=633334 RB=36@0



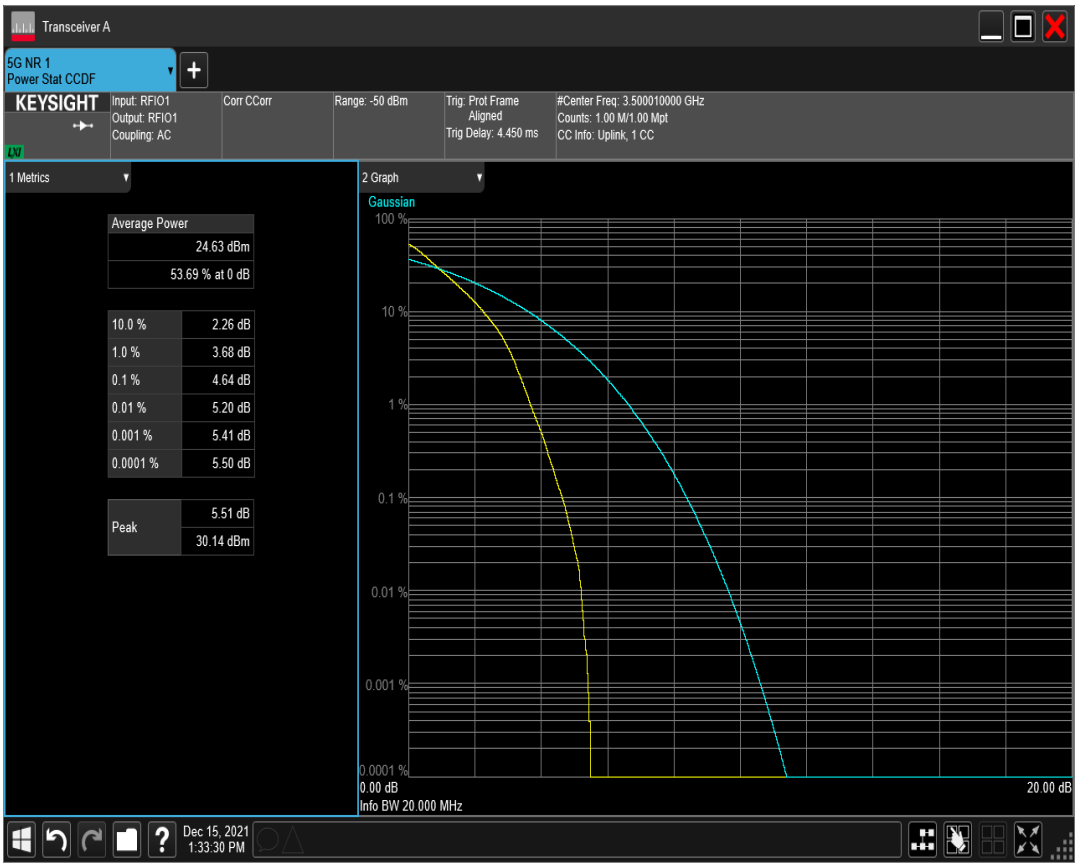
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=633334 RB=36@0



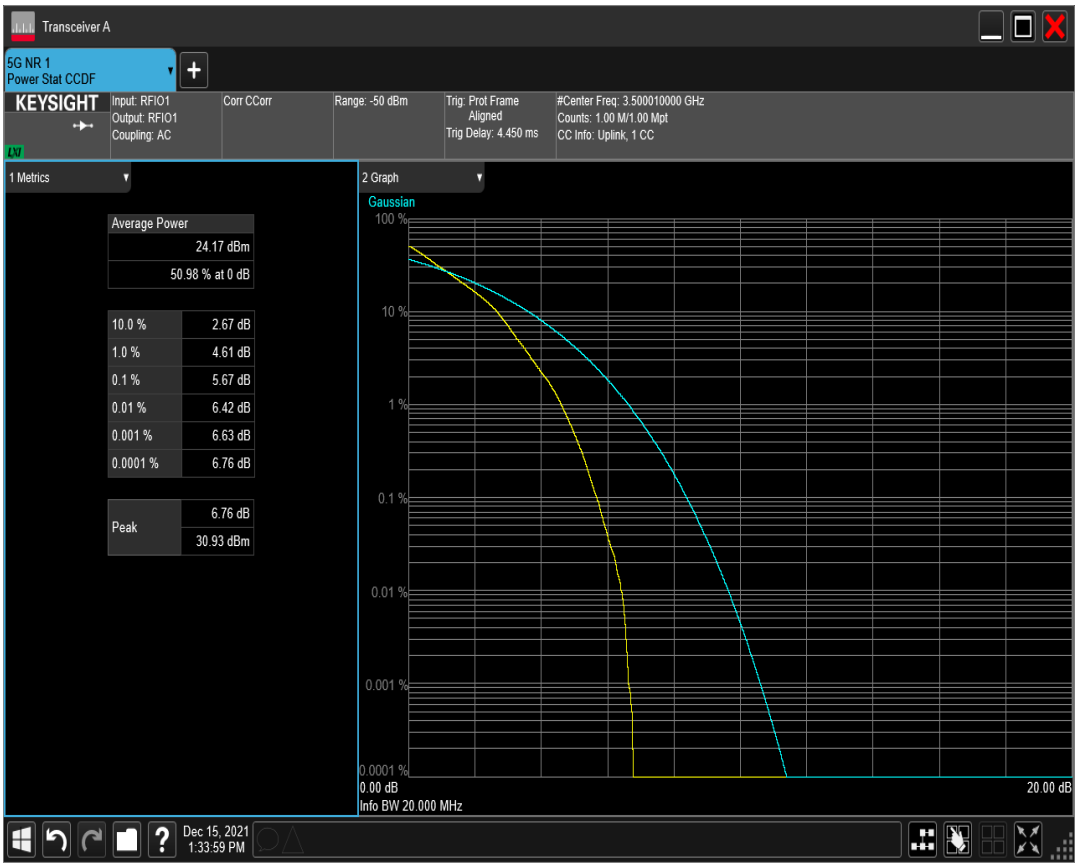
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=633334 RB=36@0



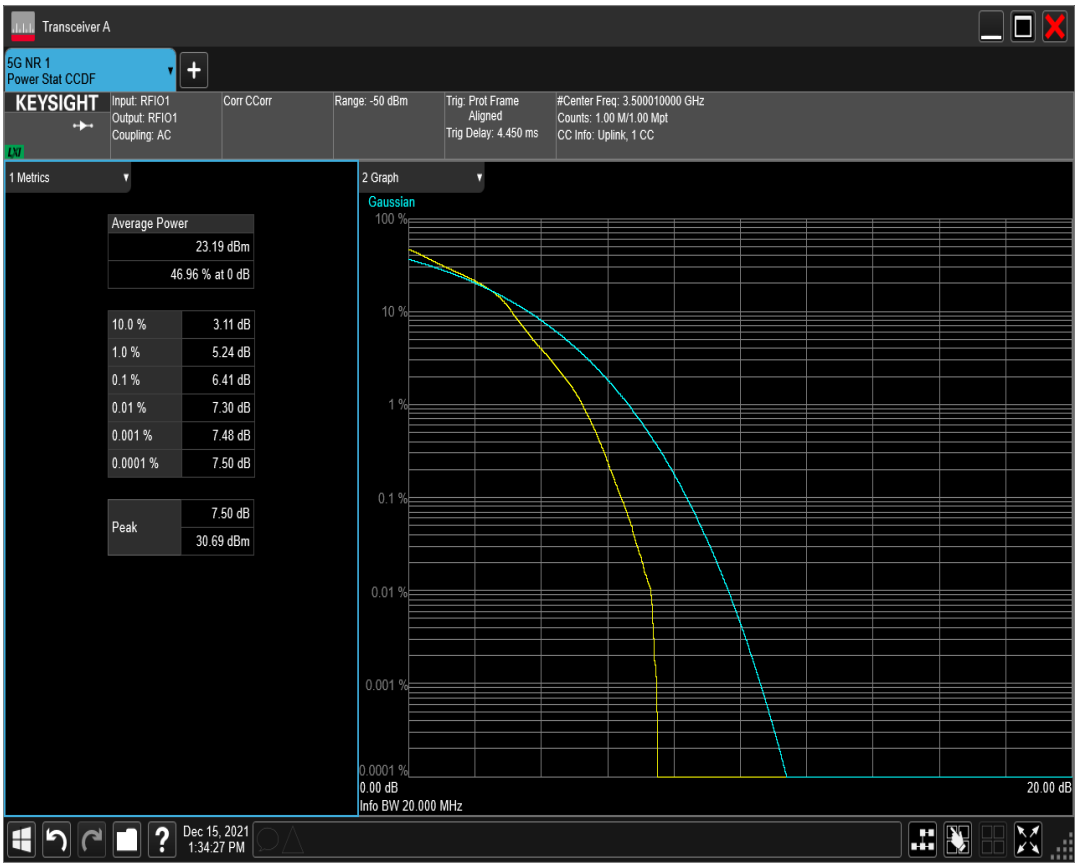
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50@0



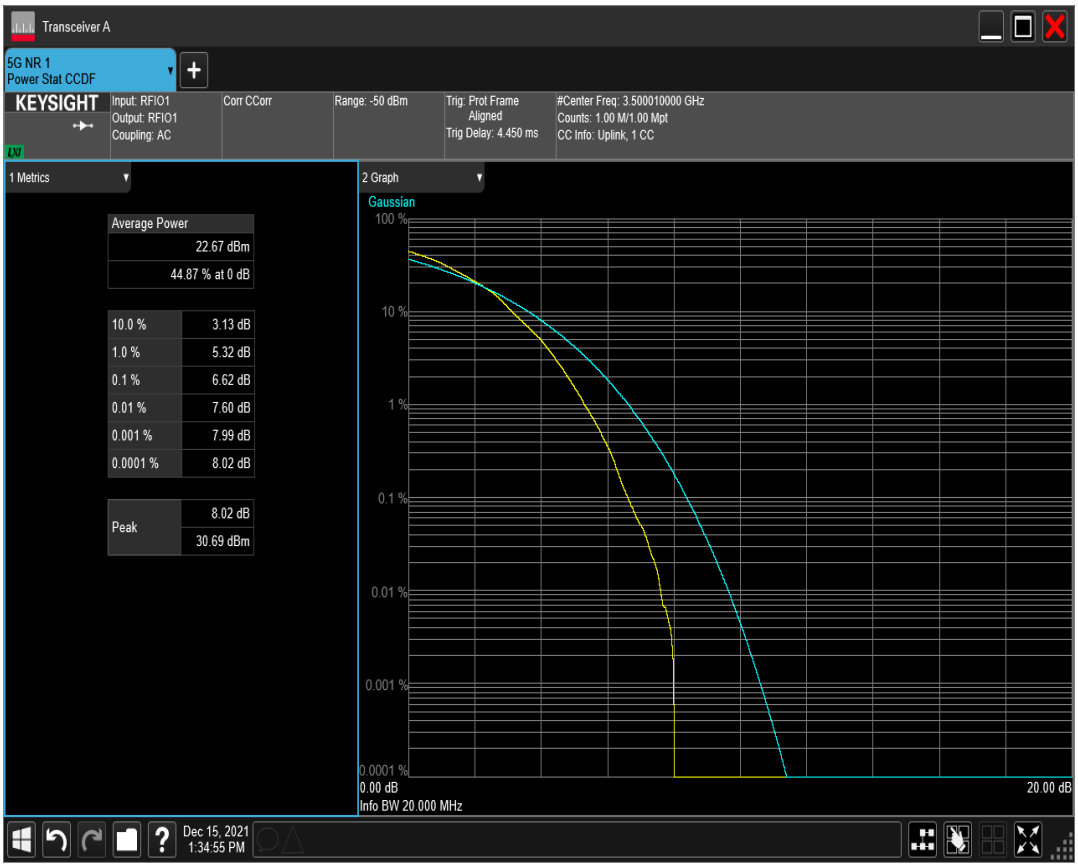
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=50@0



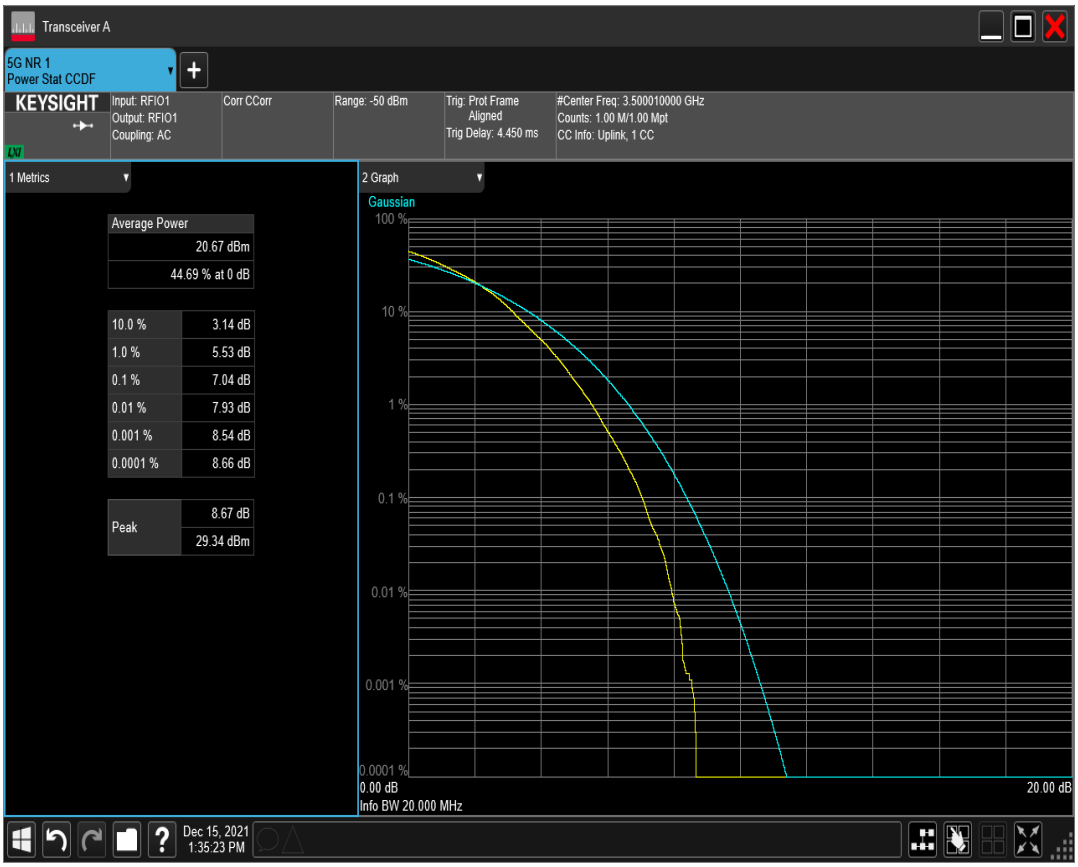
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=633334 RB=50@0



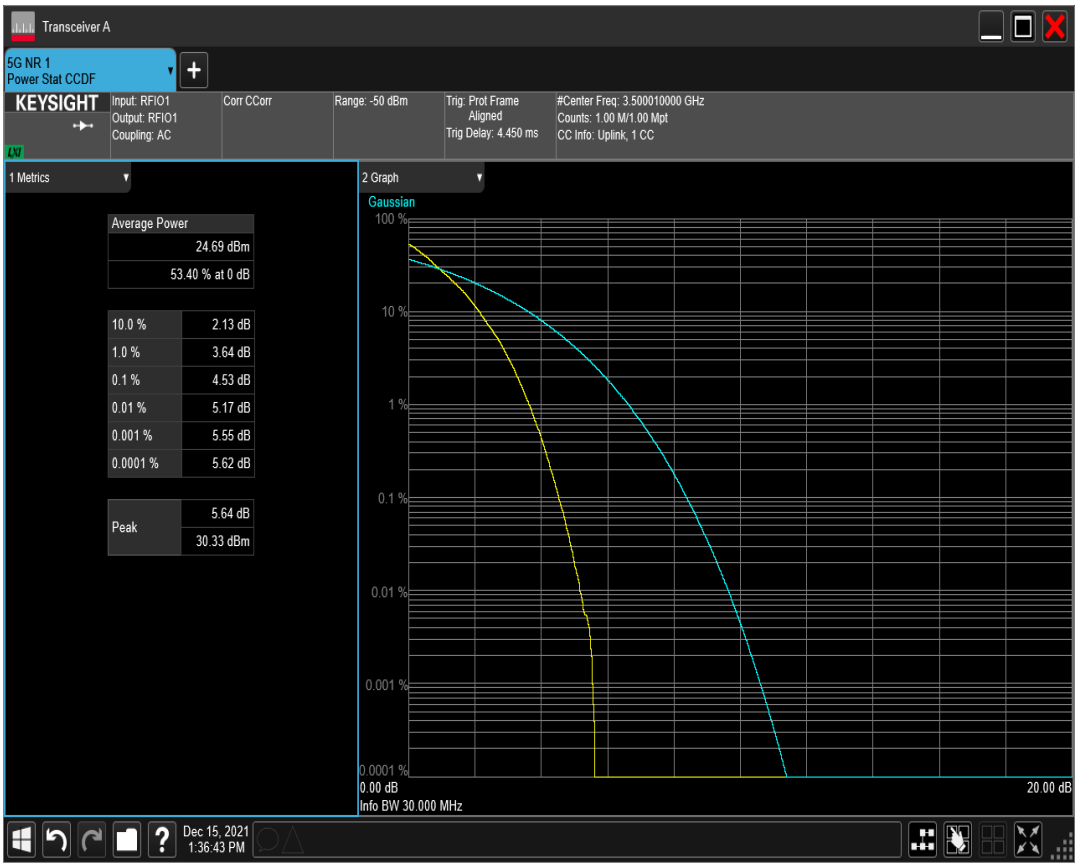
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=20MHz Channel=633334 RB=50@0



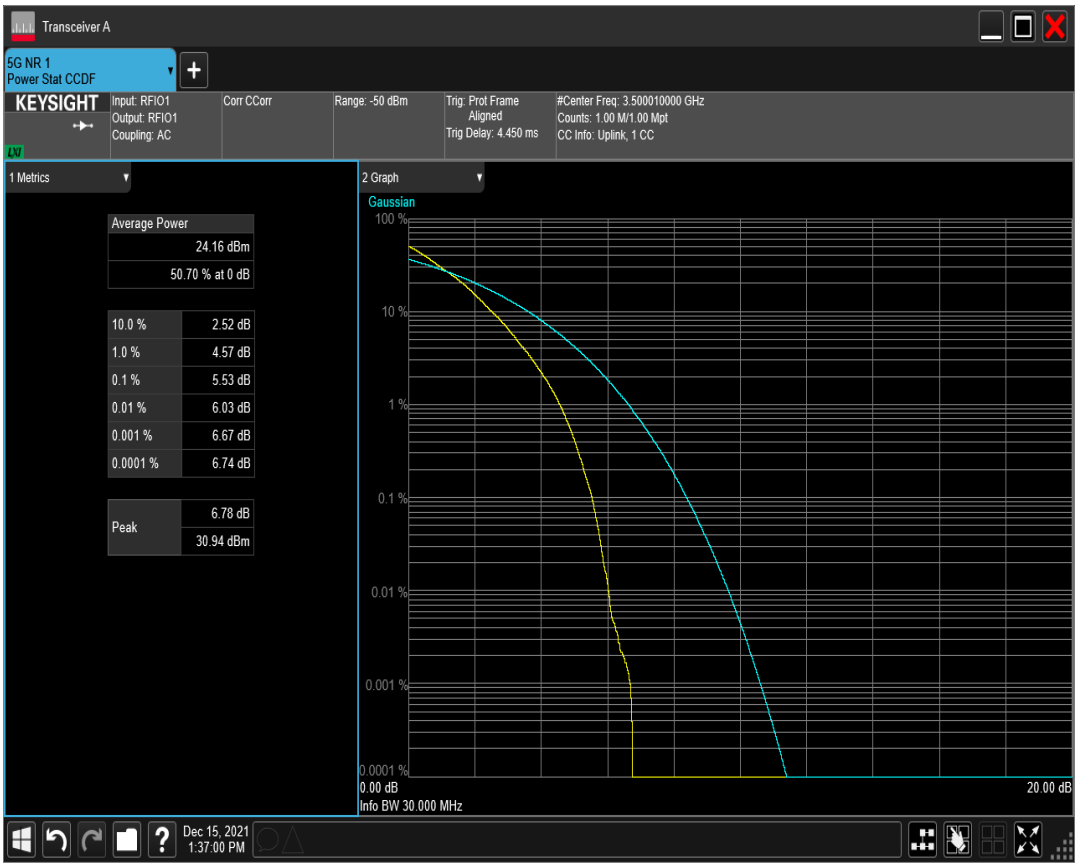
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=633334 RB=50@0



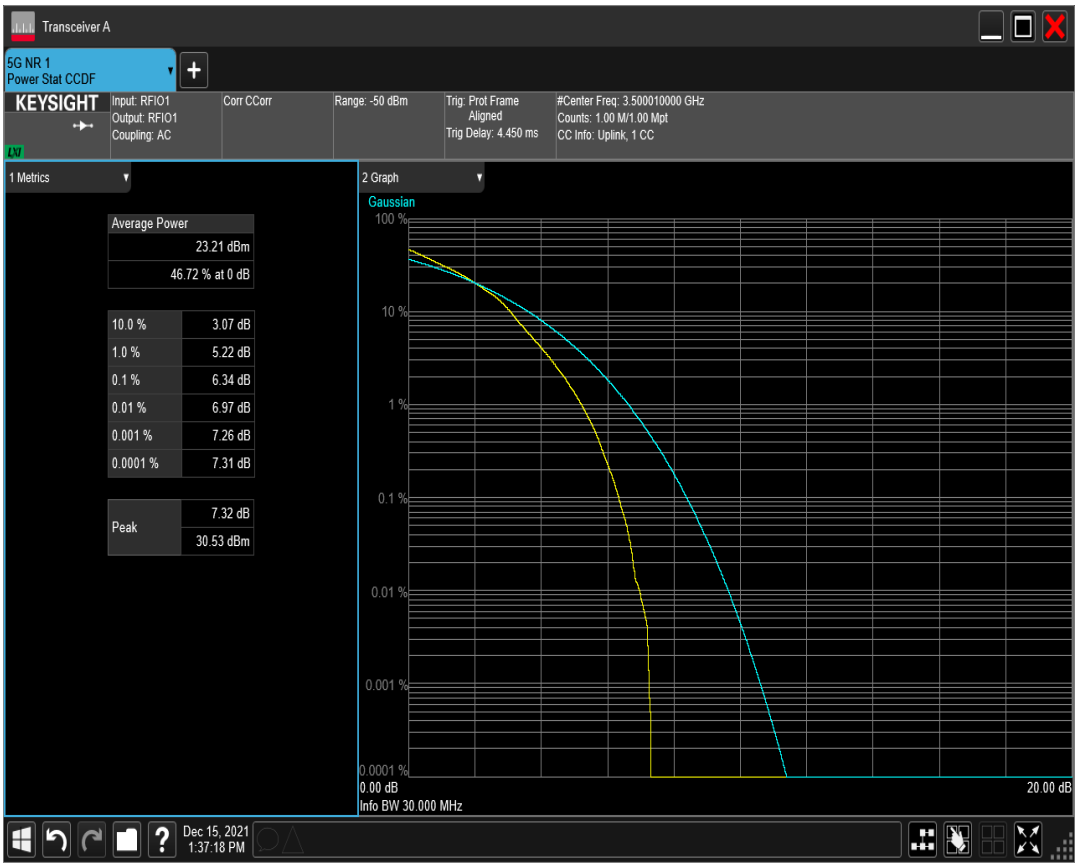
n77(3450-3550) SCS=30kHz DFT_BPSK BW=30MHz Channel=633334 RB=75@0



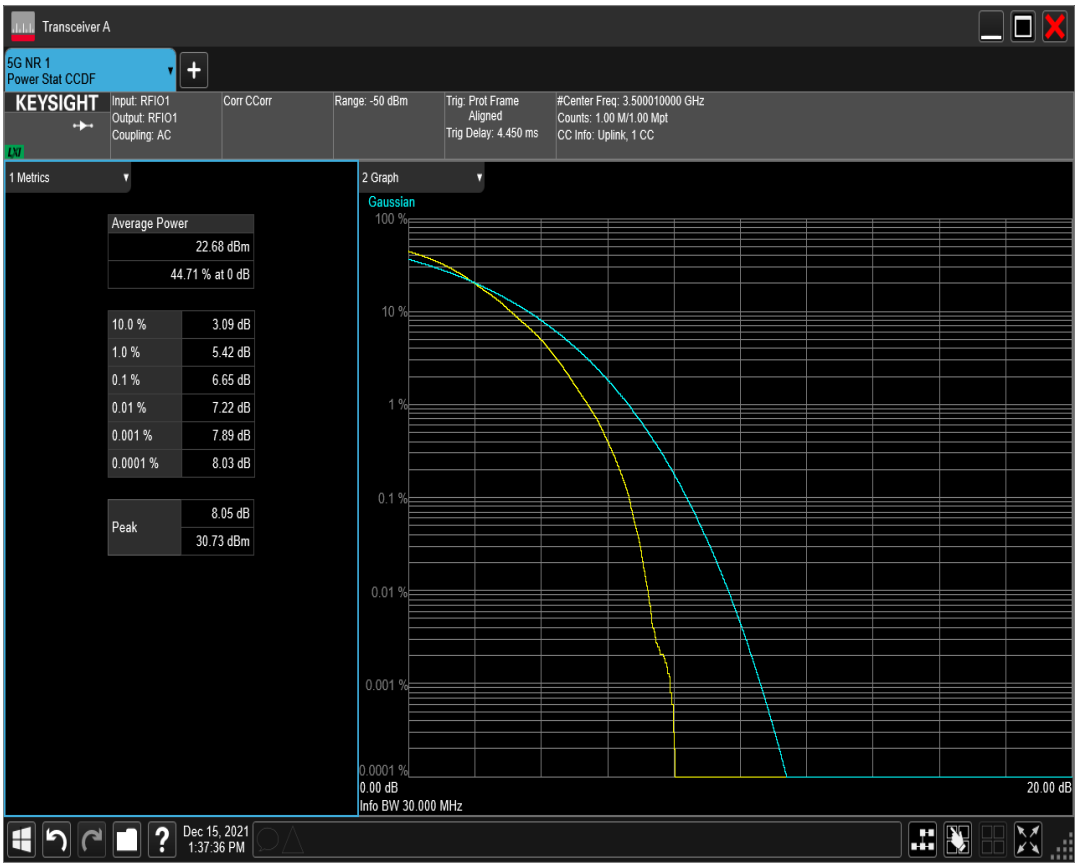
n77(3450-3550) SCS=30kHz DFT_QPSK BW=30MHz Channel=633334 RB=75@0



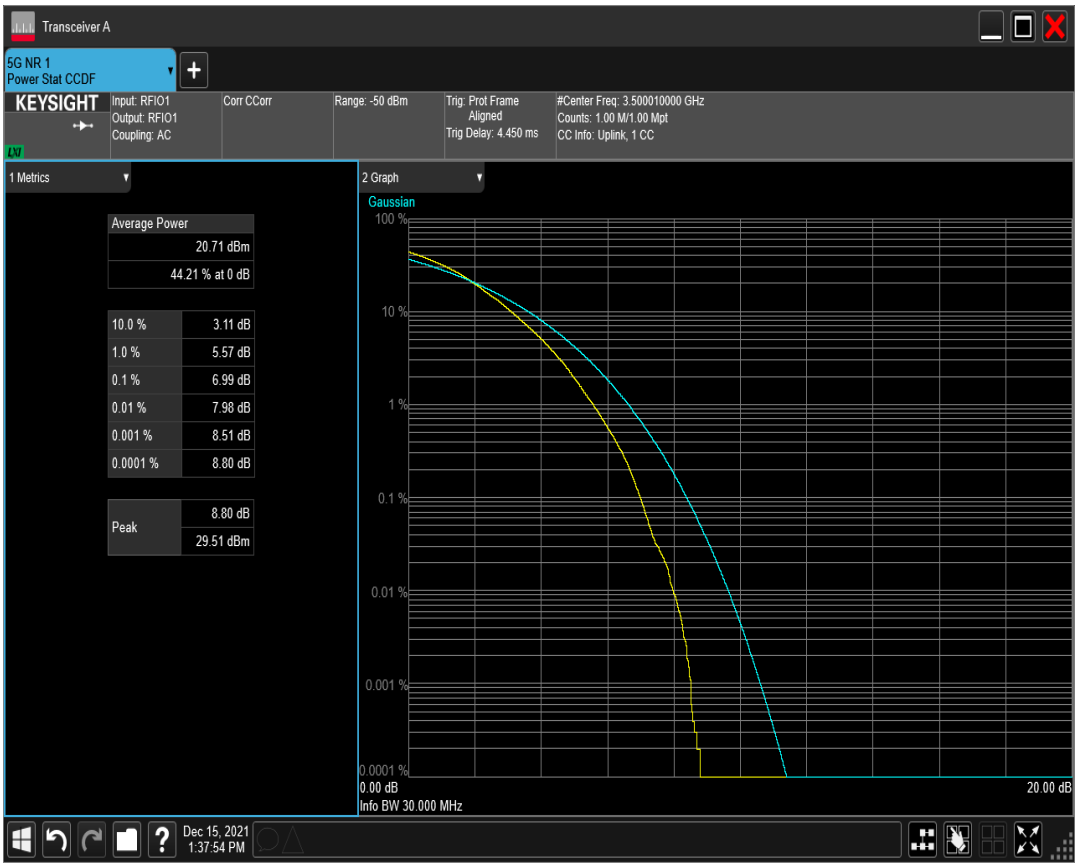
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=30MHz Channel=633334 RB=75@0



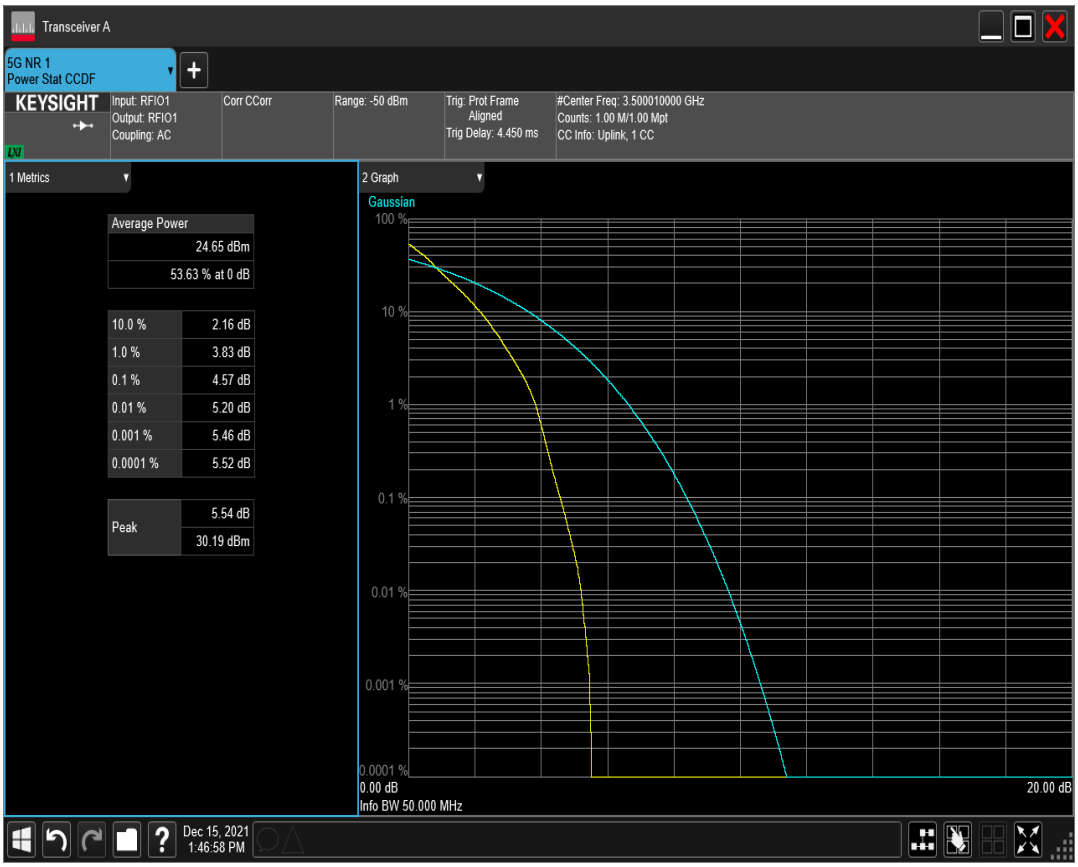
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=30MHz Channel=633334 RB=75@0



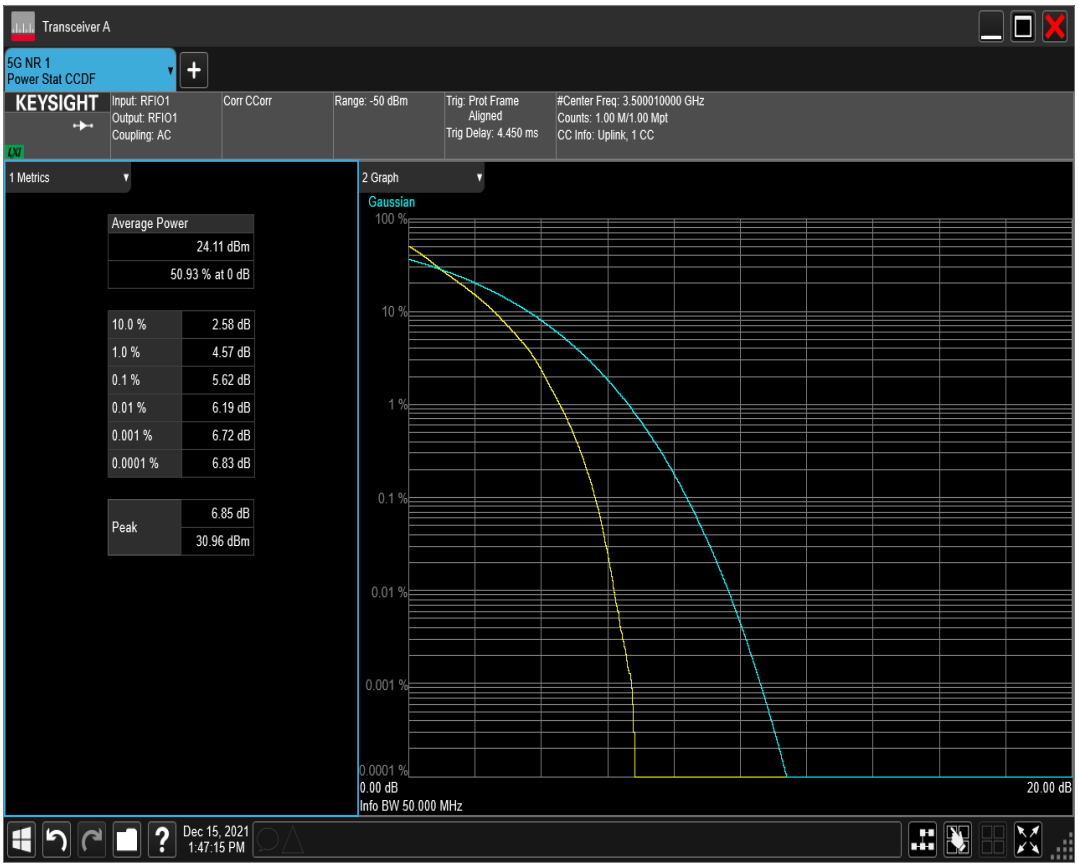
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=30MHz Channel=633334 RB=75@0



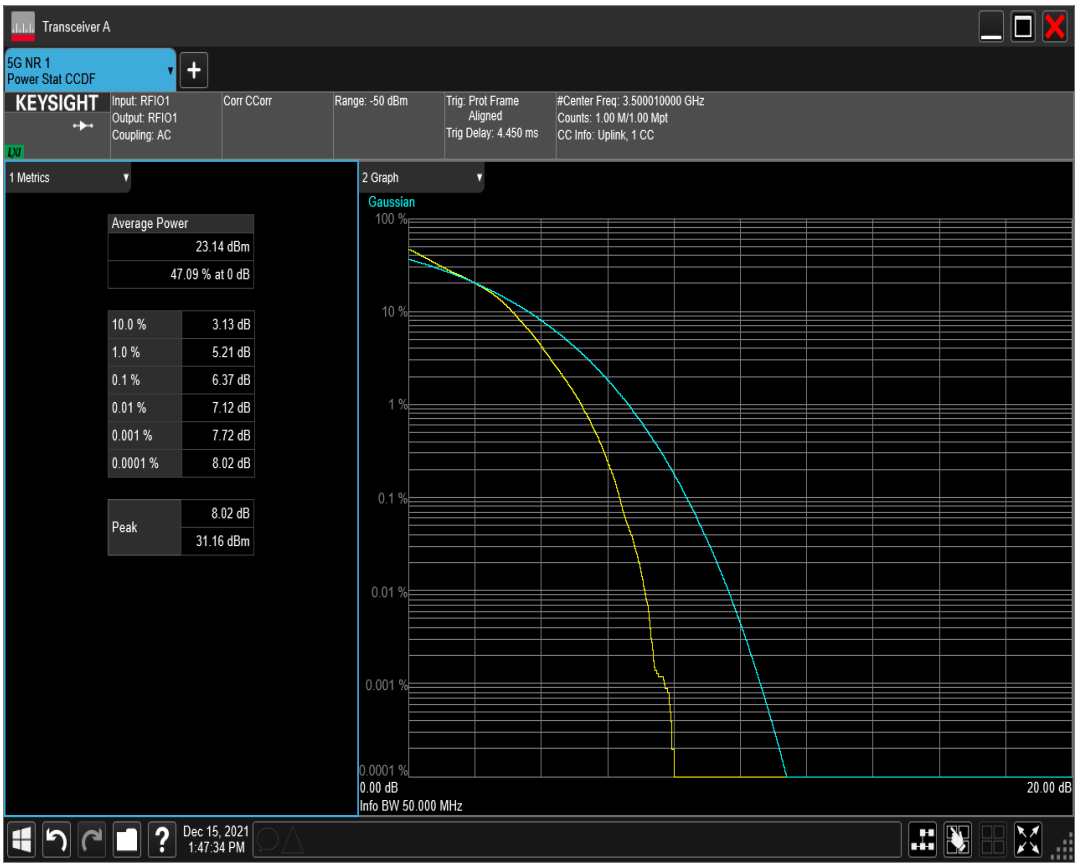
n77(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz Channel=633334 RB=100@0



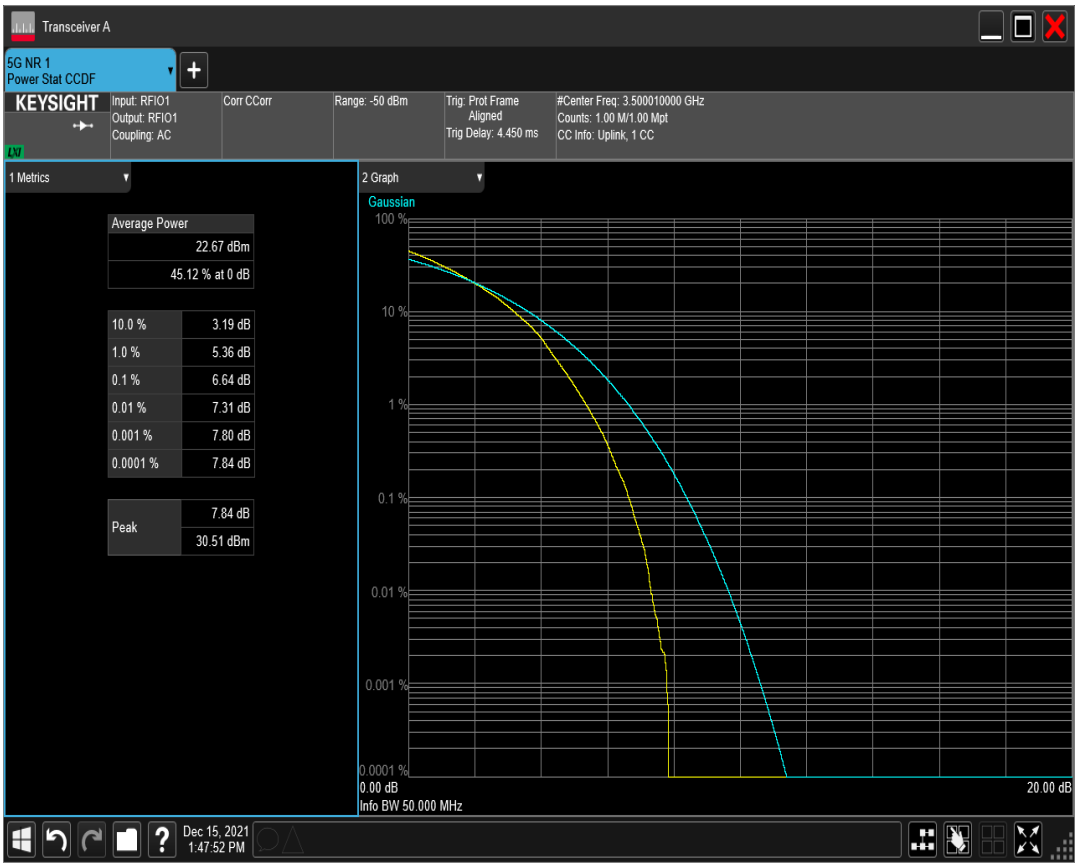
n77(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=633334 RB=100@0



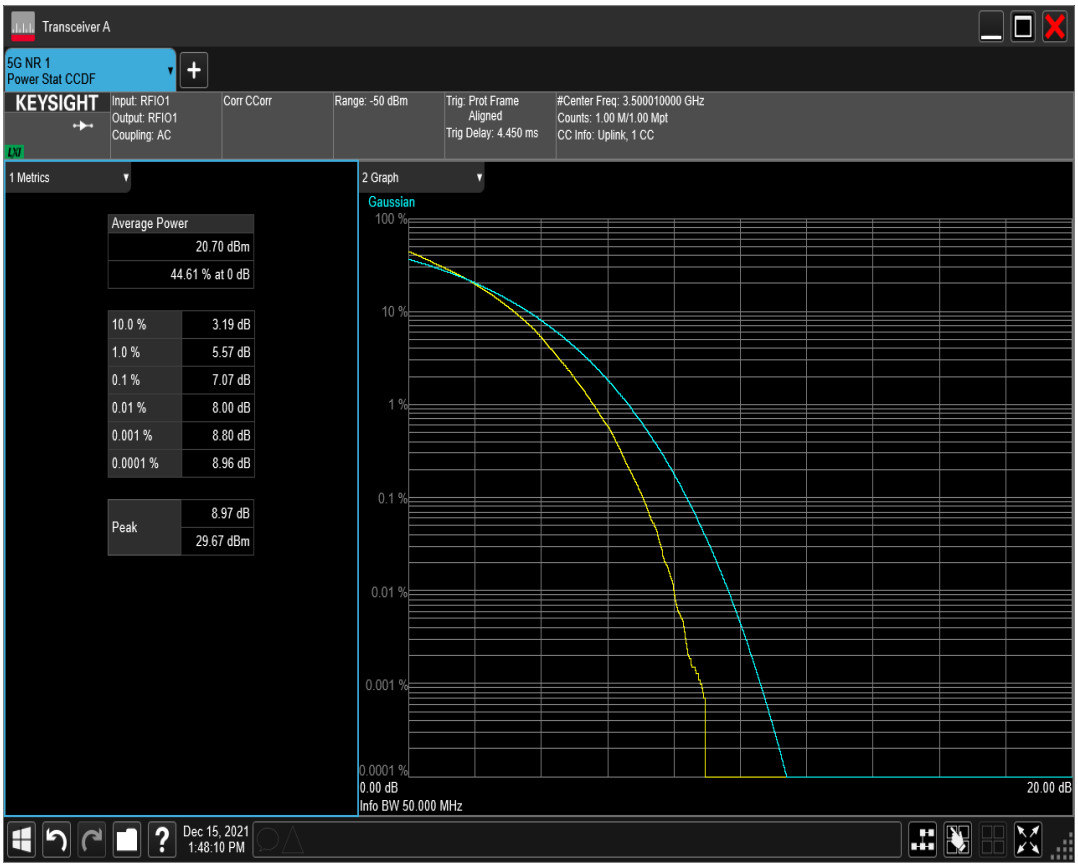
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=40MHz Channel=633334 RB=100@0



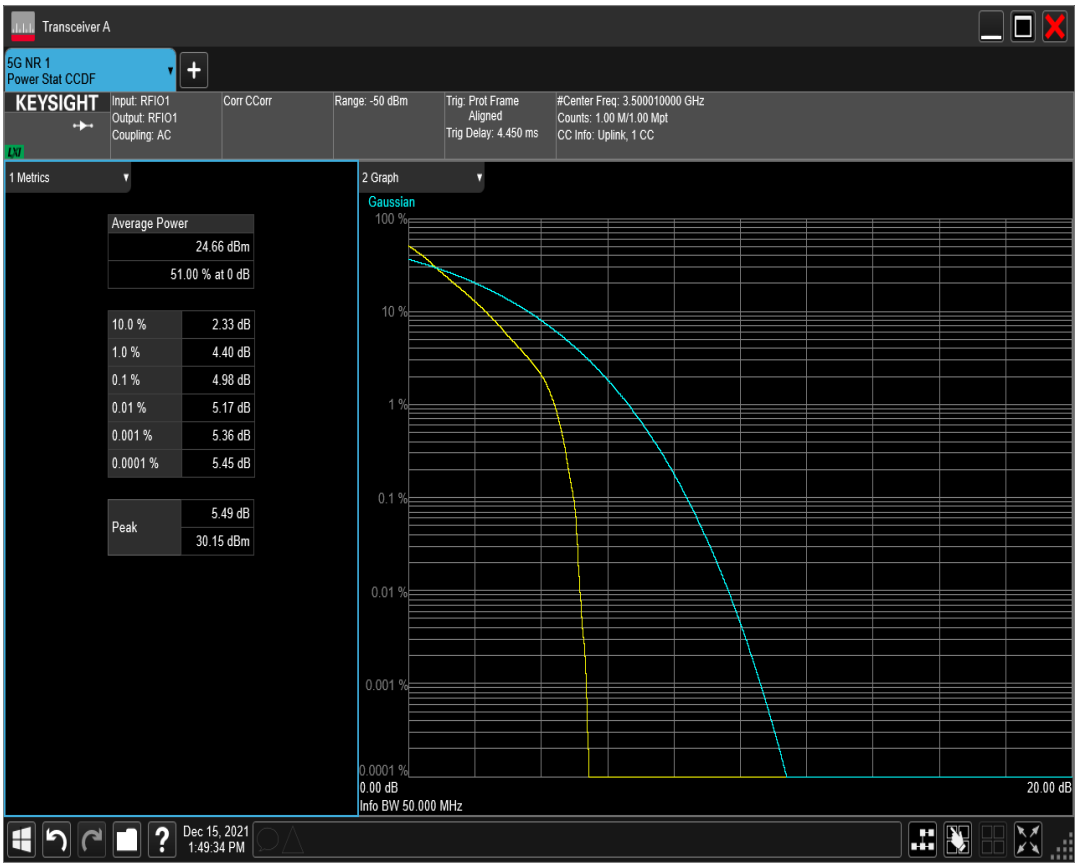
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=40MHz Channel=633334 RB=100@0



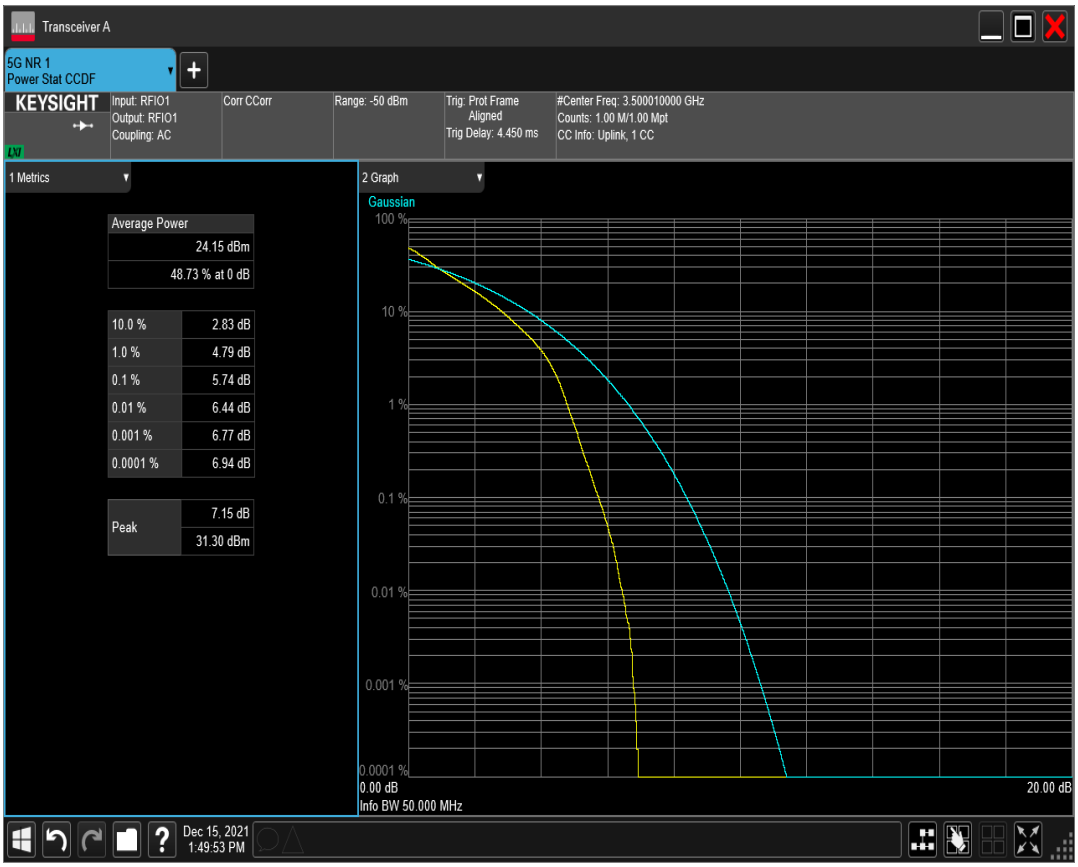
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=40MHz Channel=633334 RB=100@0



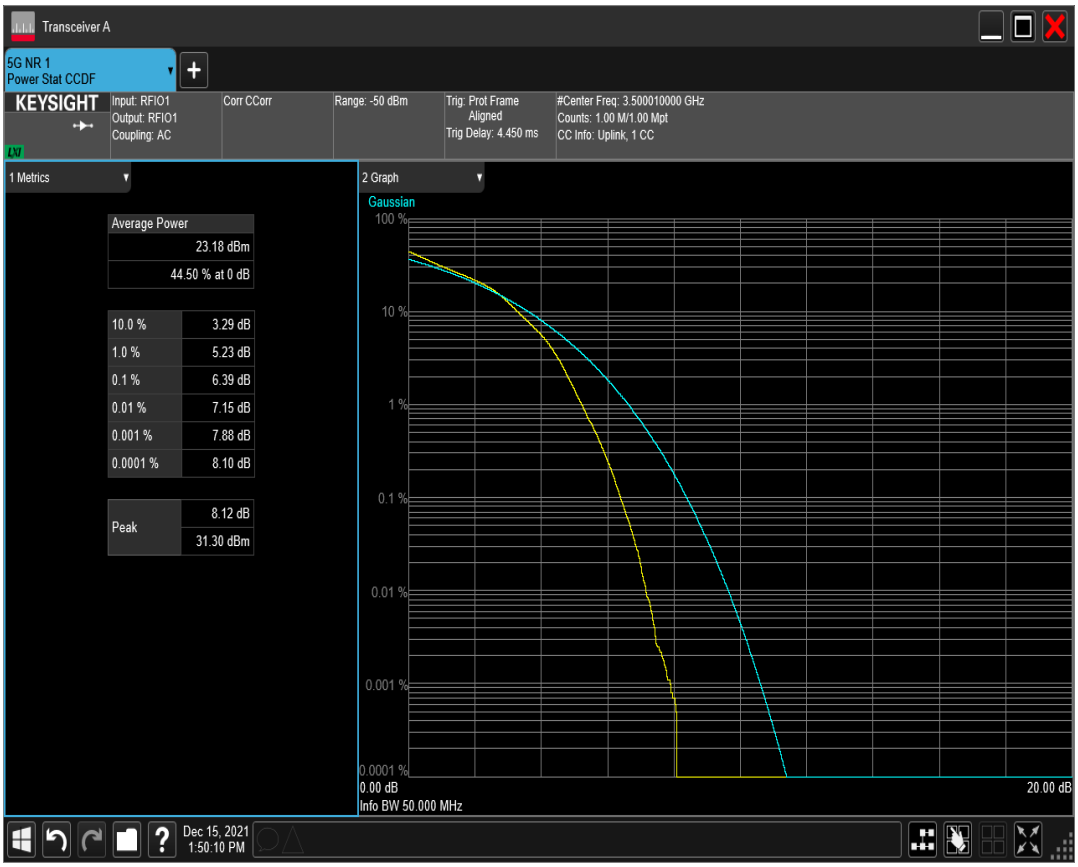
n77(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=633334 RB=128@0



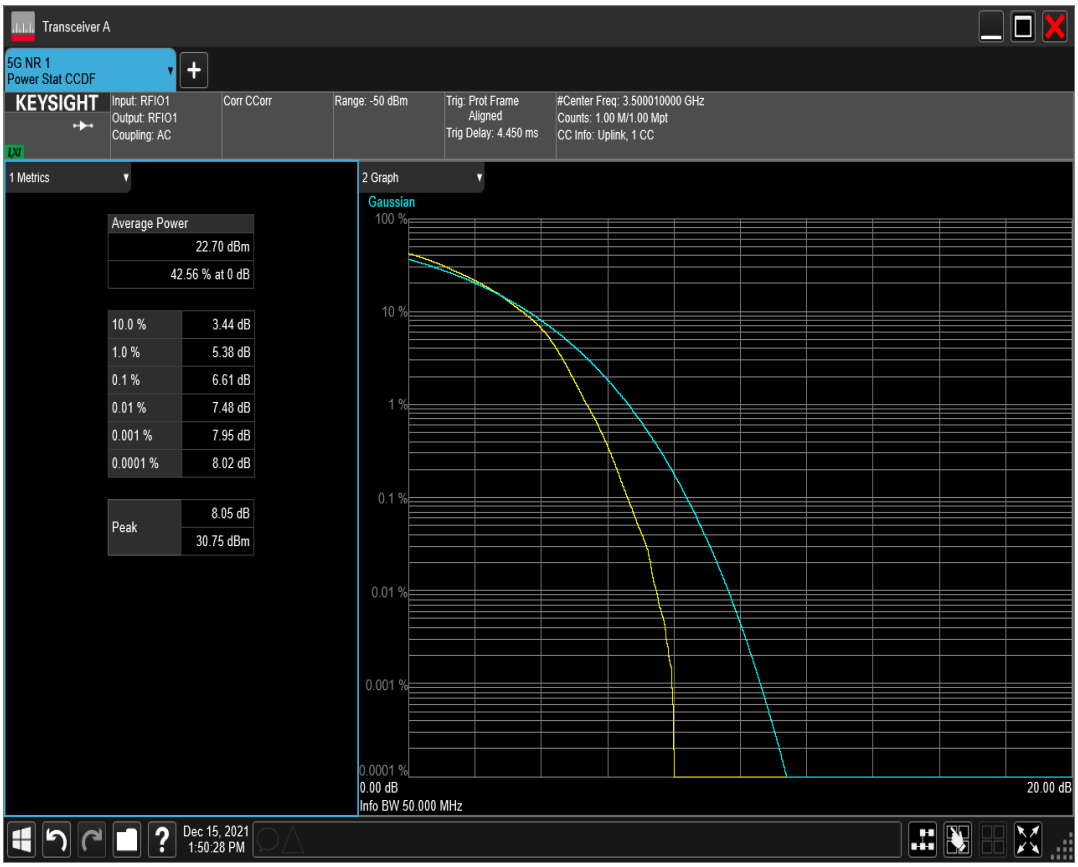
n77(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=633334 RB=128@0



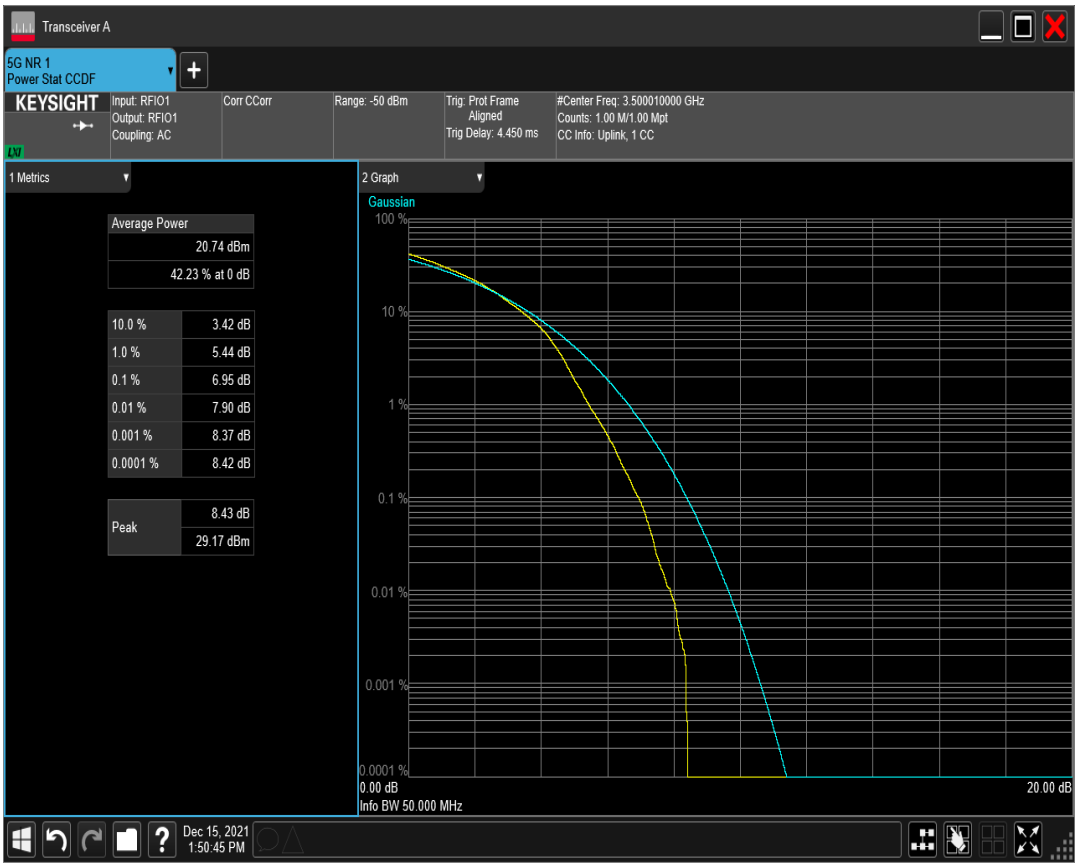
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=50MHz Channel=633334 RB=128@0



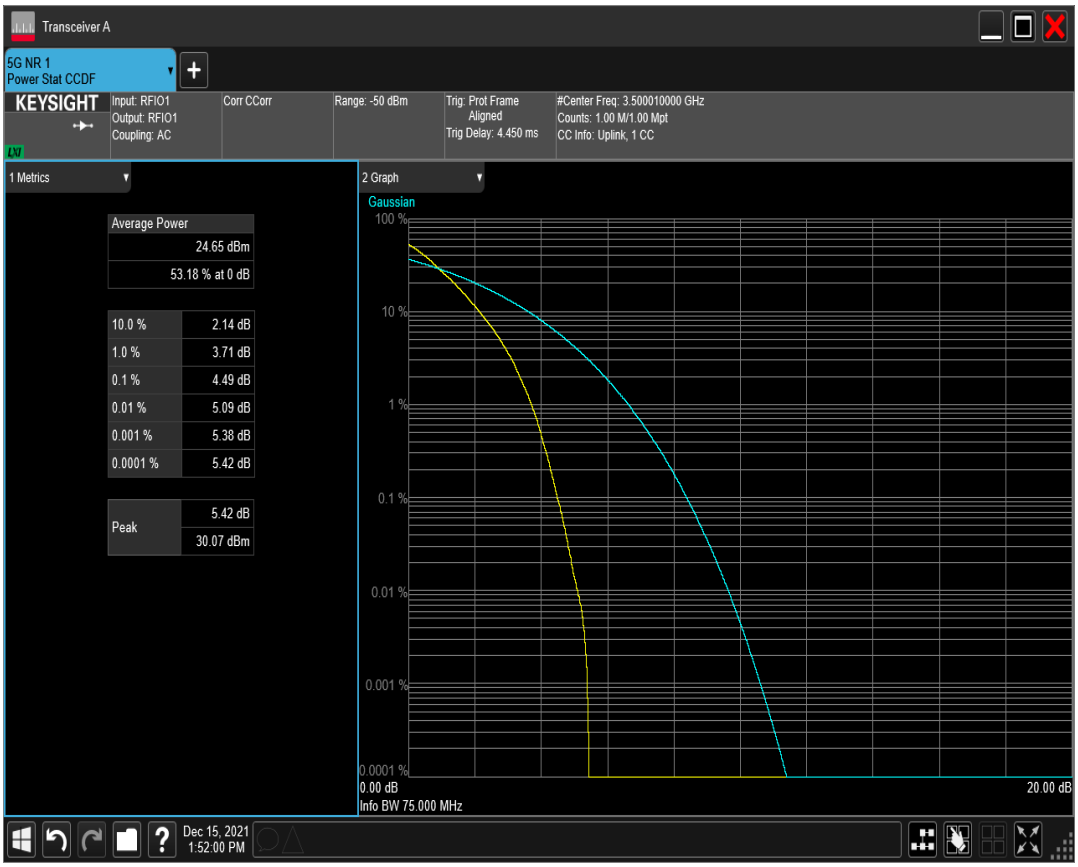
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=633334 RB=128@0



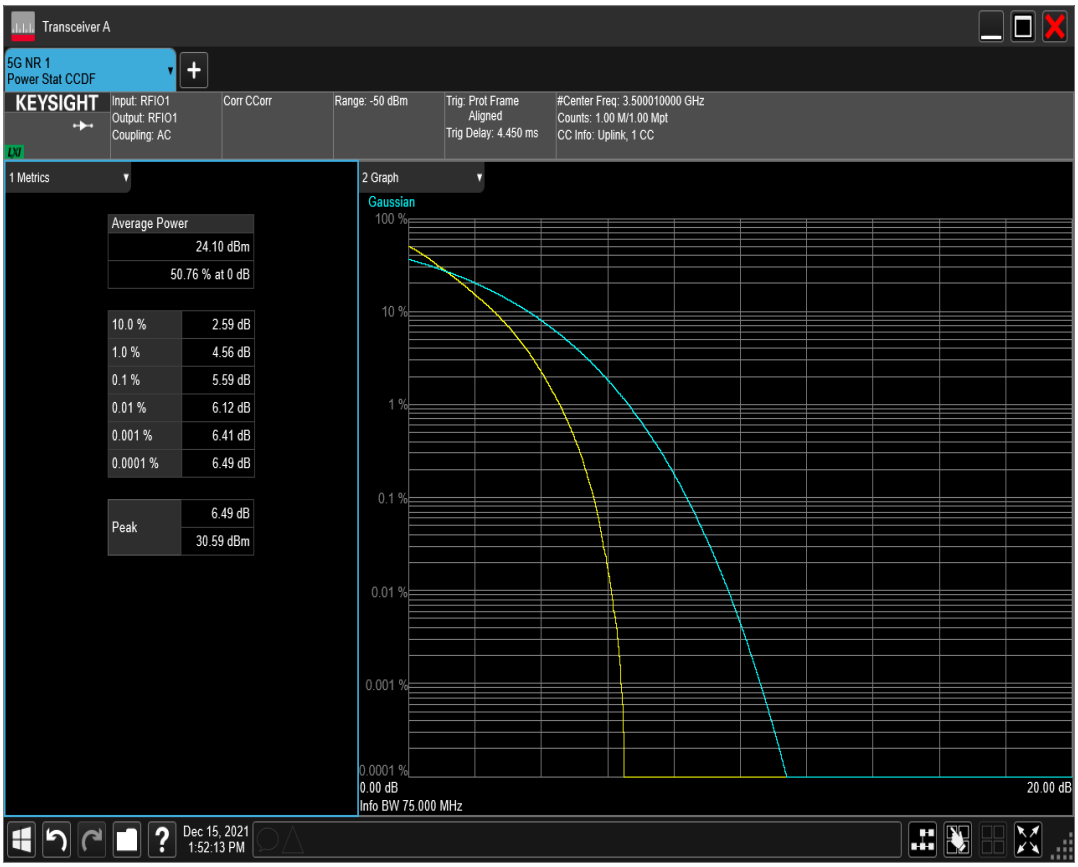
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=50MHz Channel=633334 RB=128@0



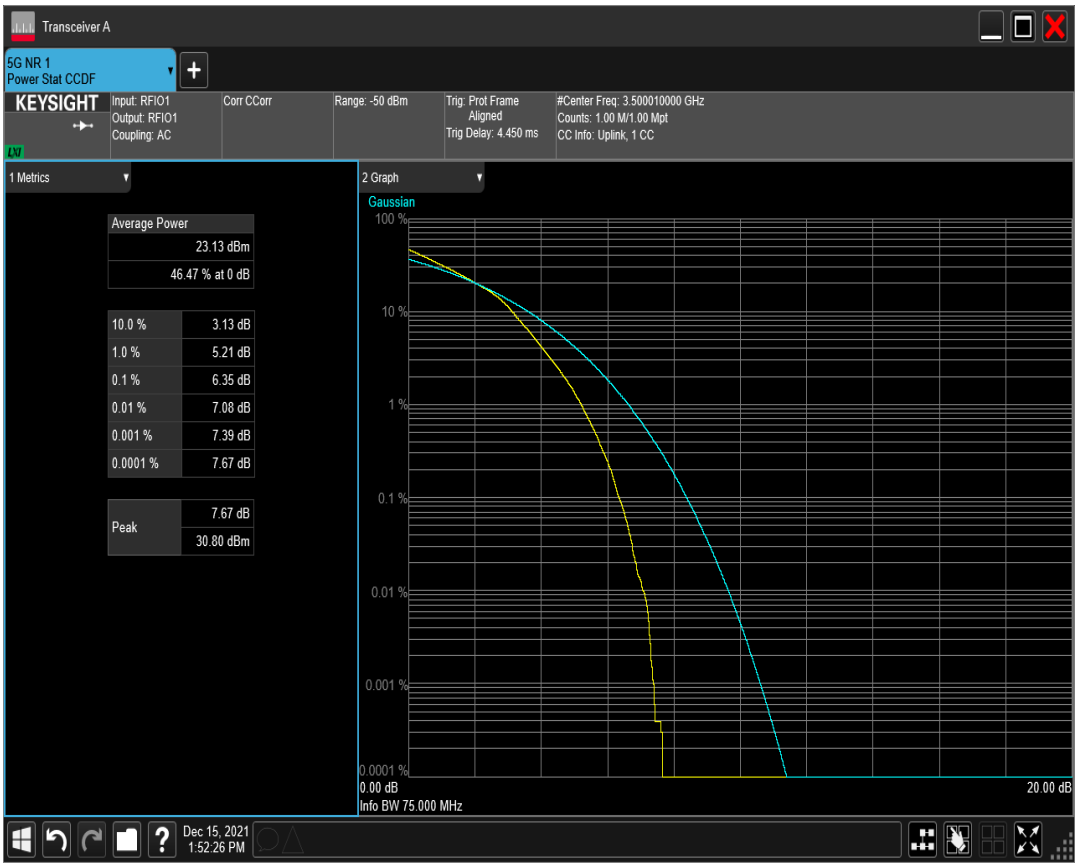
n77(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=633334 RB=162@0



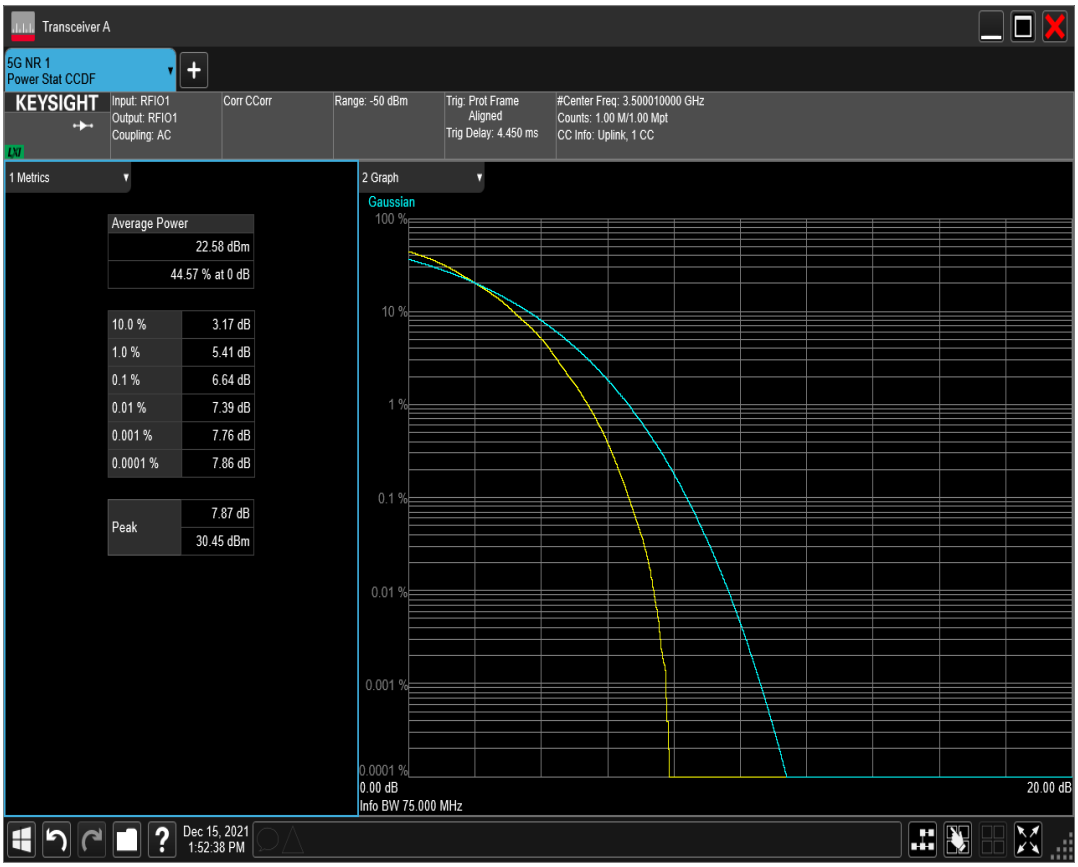
n77(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=633334 RB=162@0



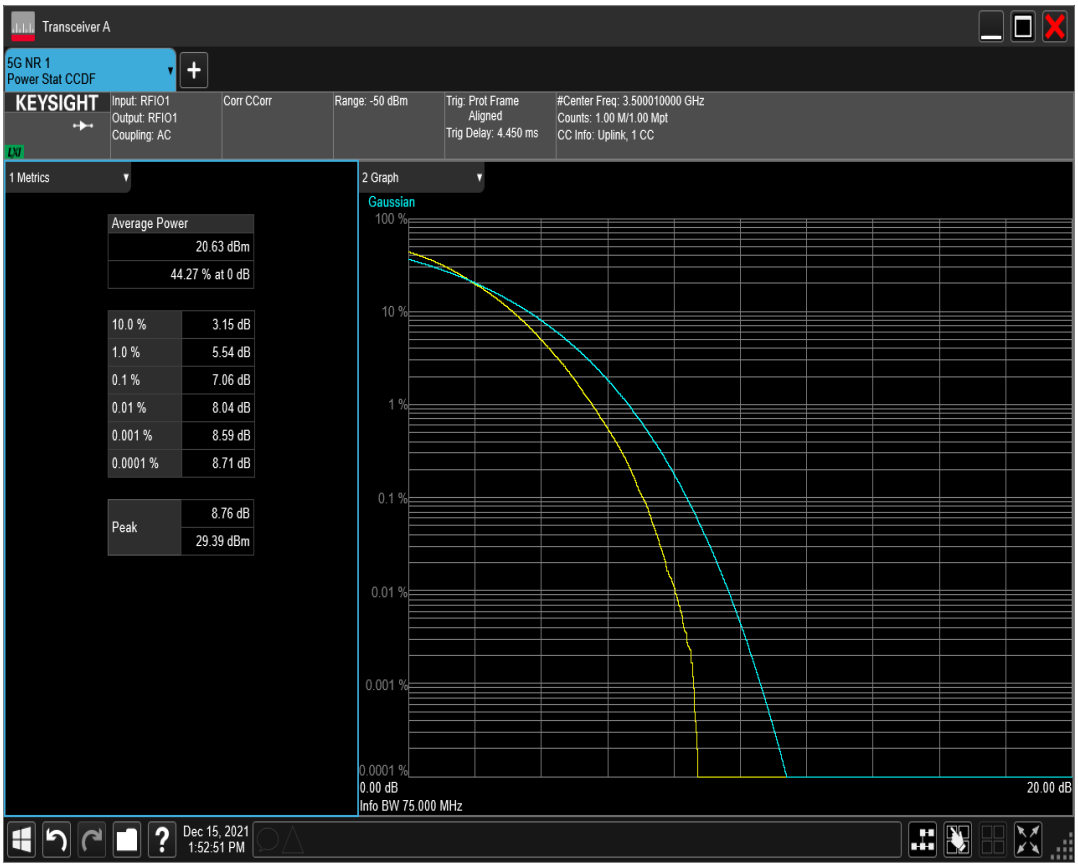
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=60MHz Channel=633334 RB=162@0



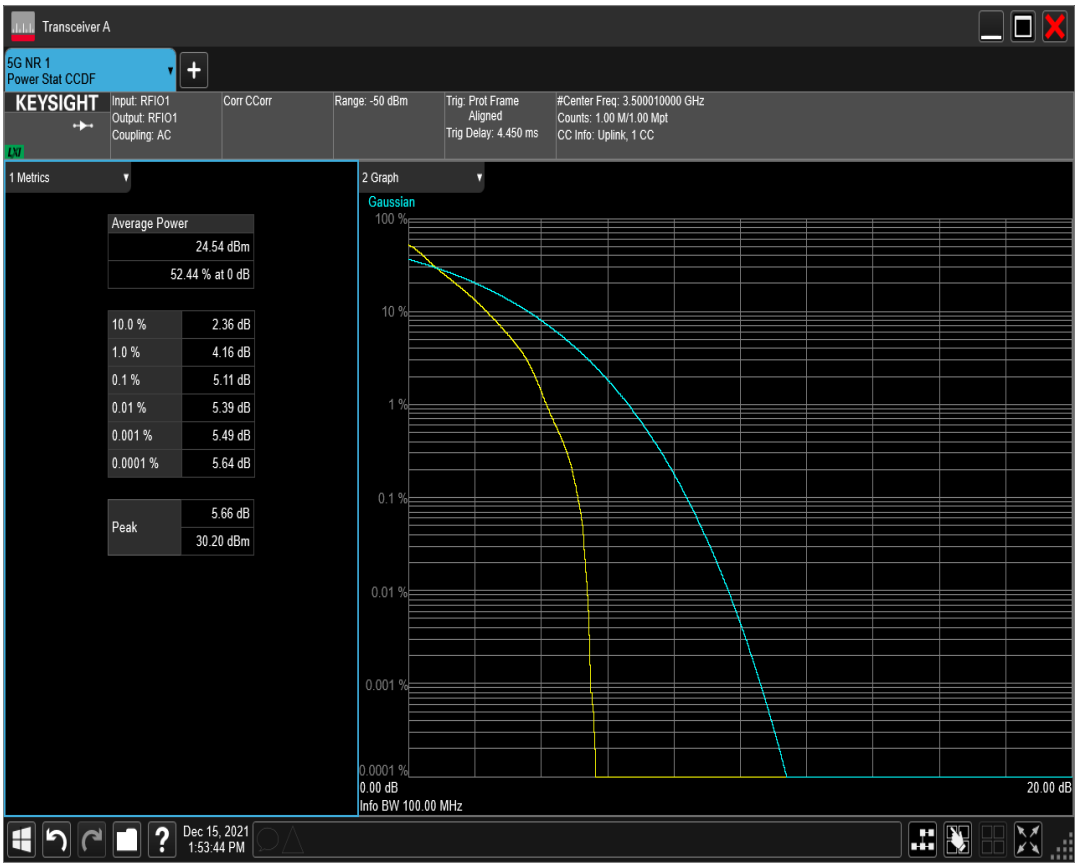
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=633334 RB=162@0



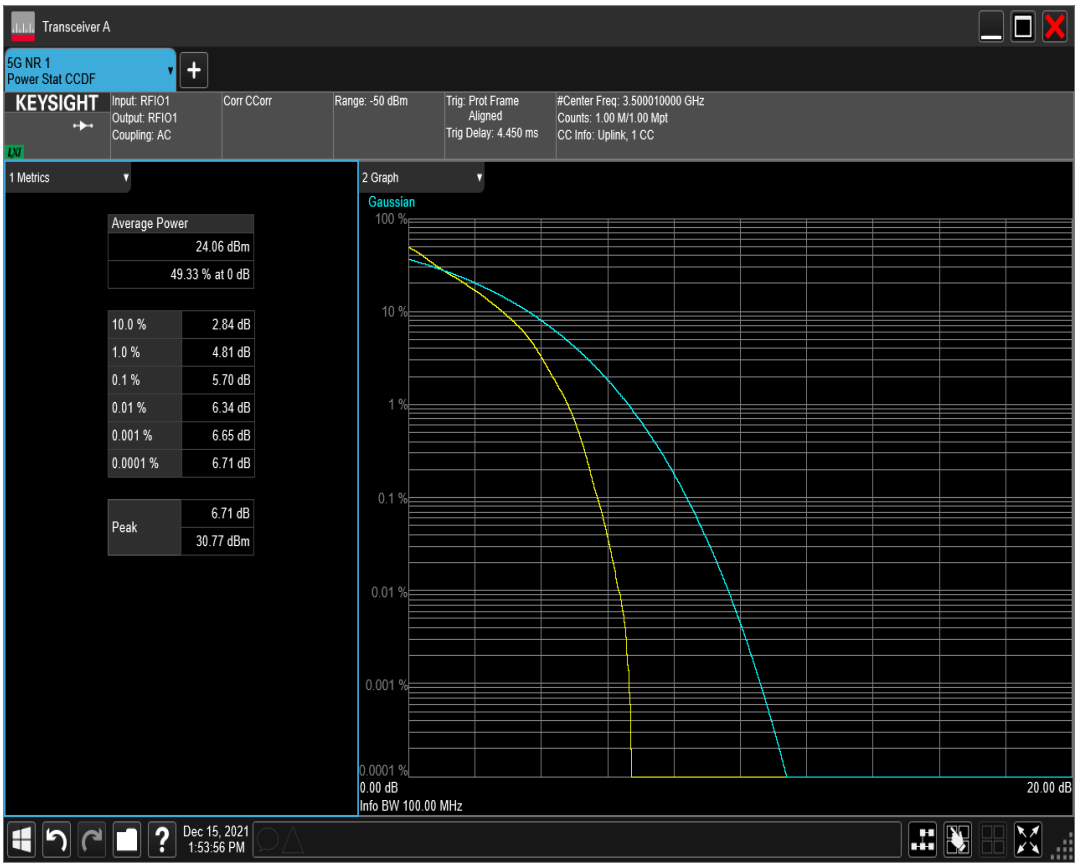
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=60MHz Channel=633334 RB=162@0



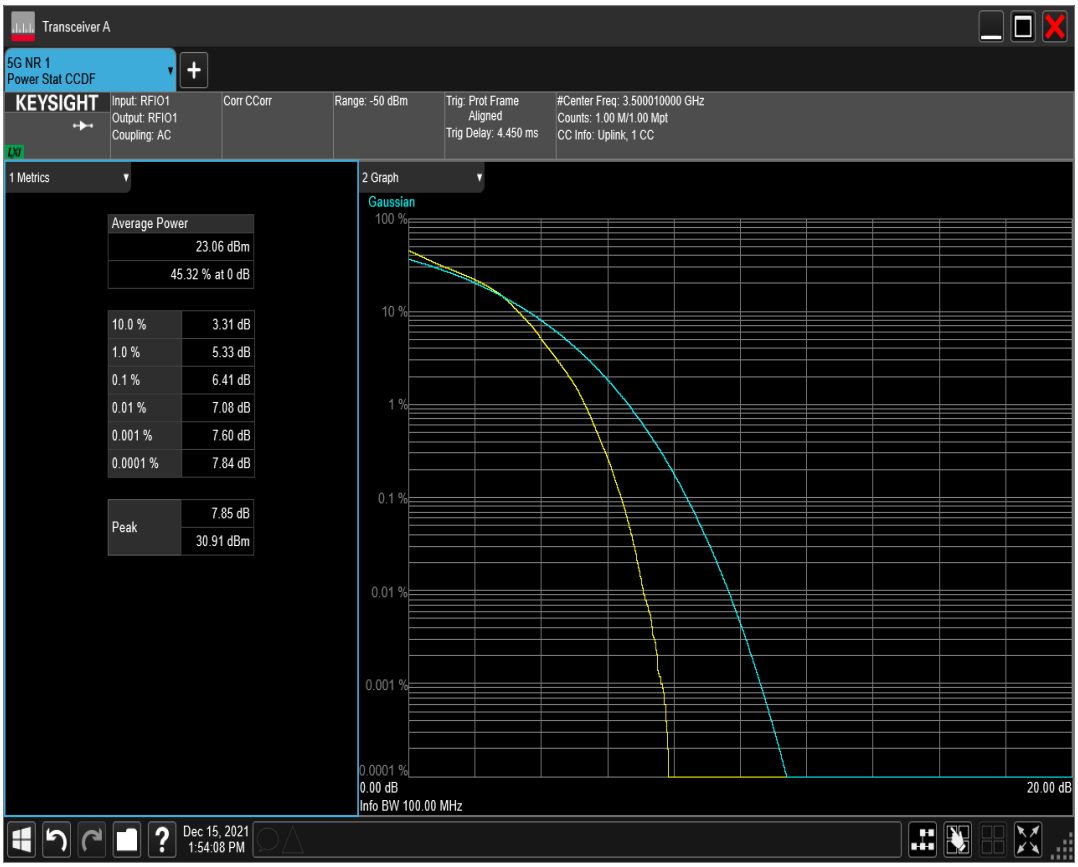
n77(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



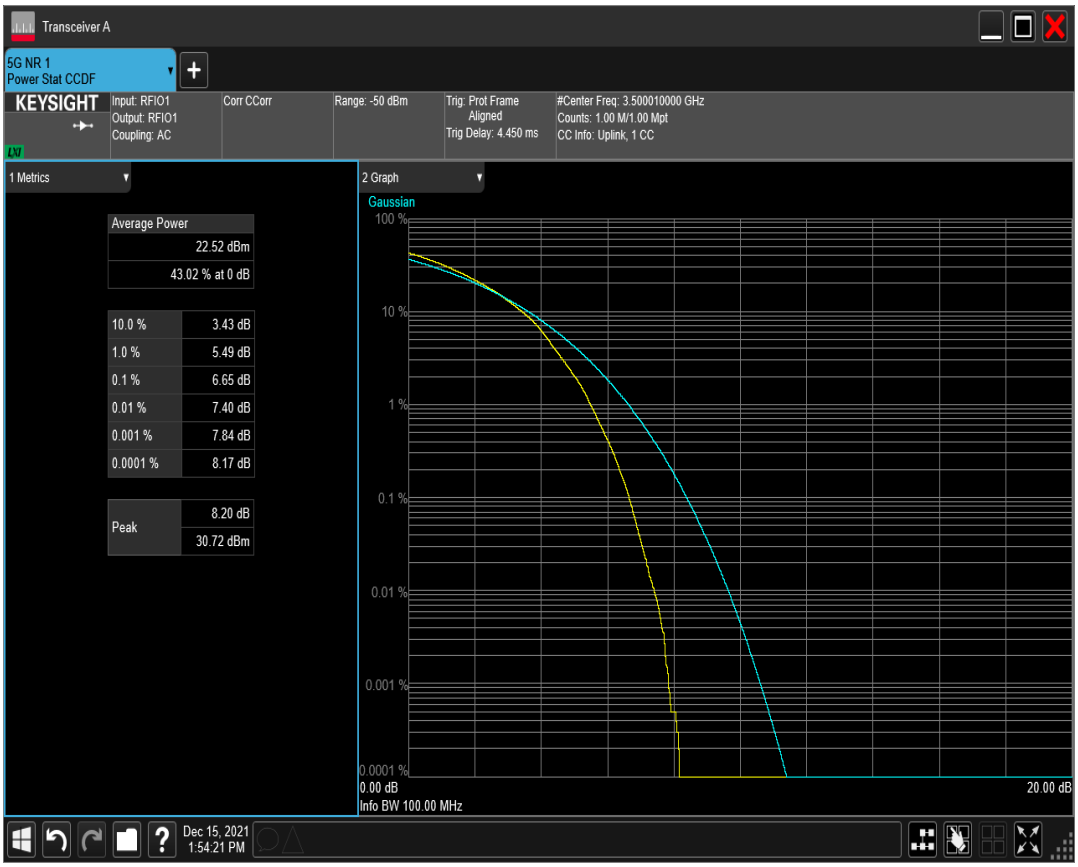
n77(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=633334 RB=216@0



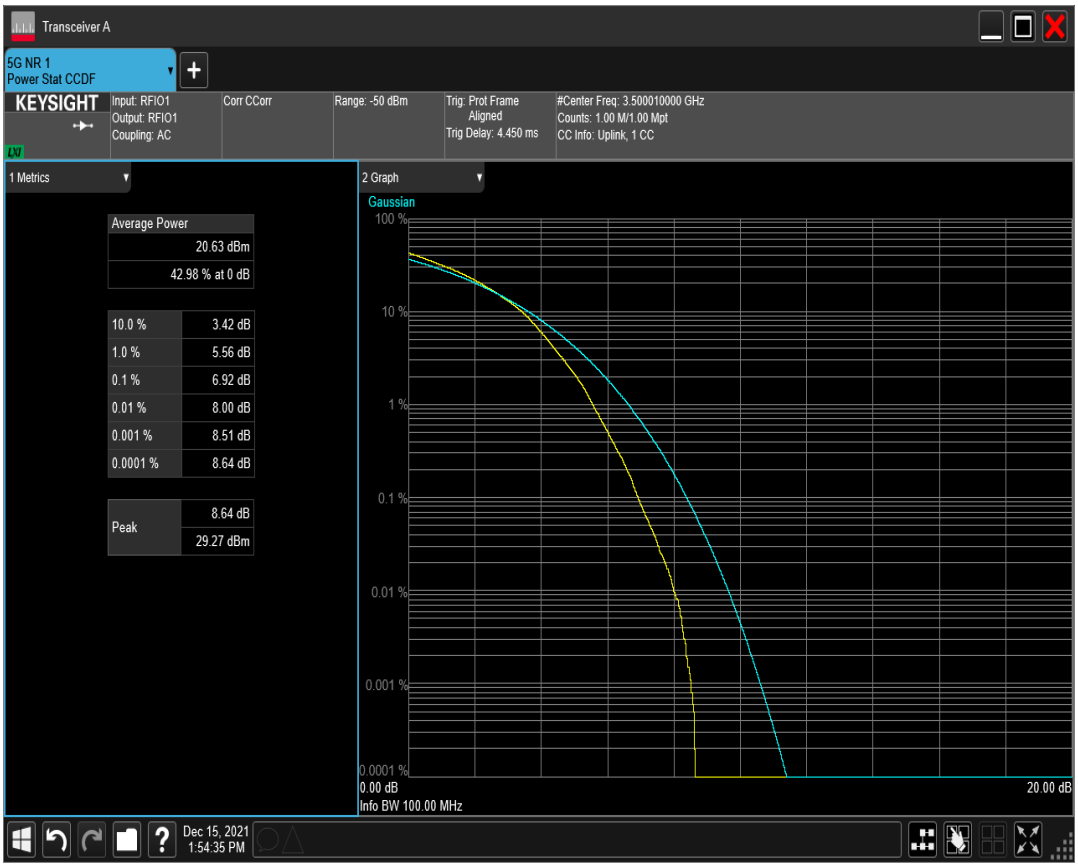
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=80MHz Channel=633334 RB=216@0



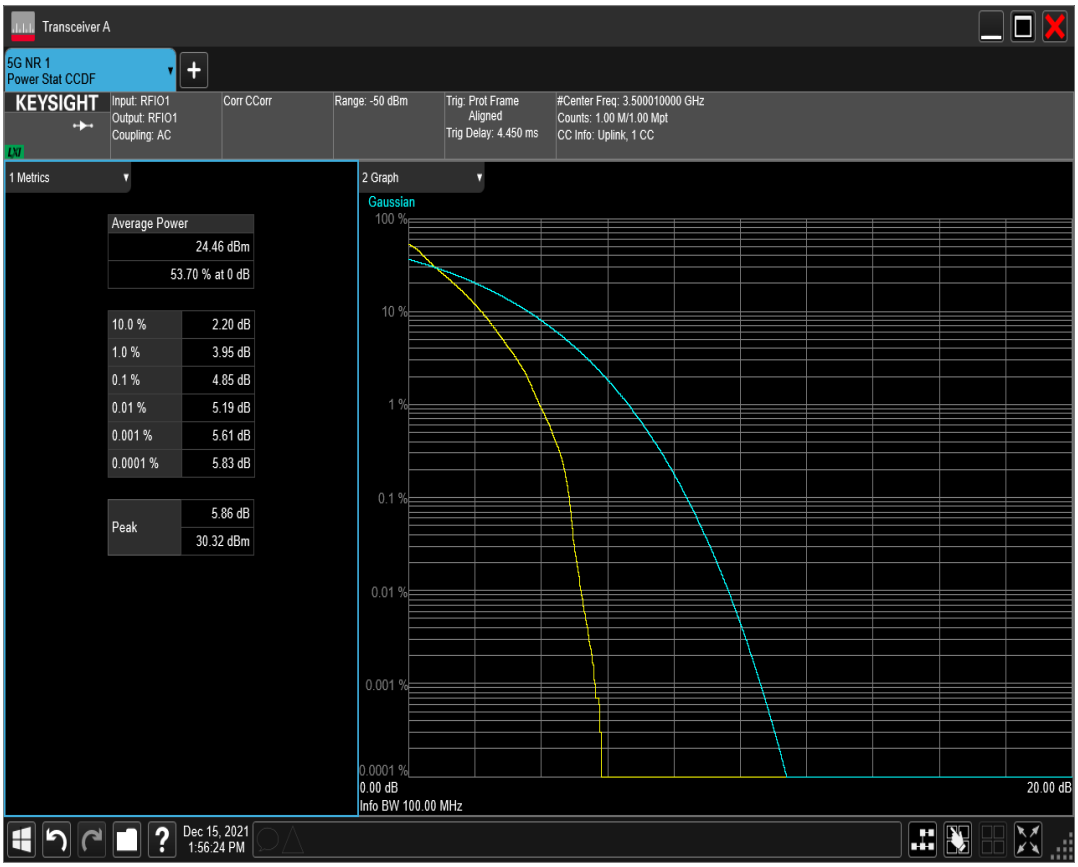
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=633334 RB=216@0



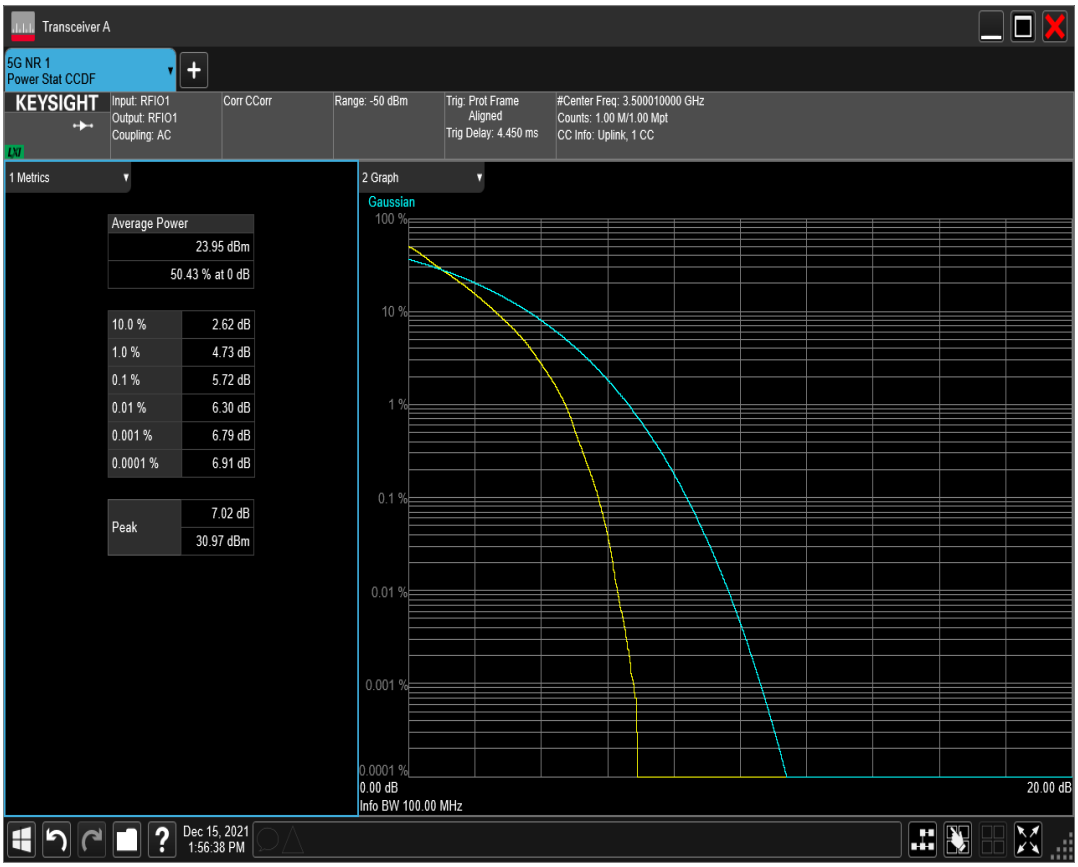
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=80MHz Channel=633334 RB=216@0



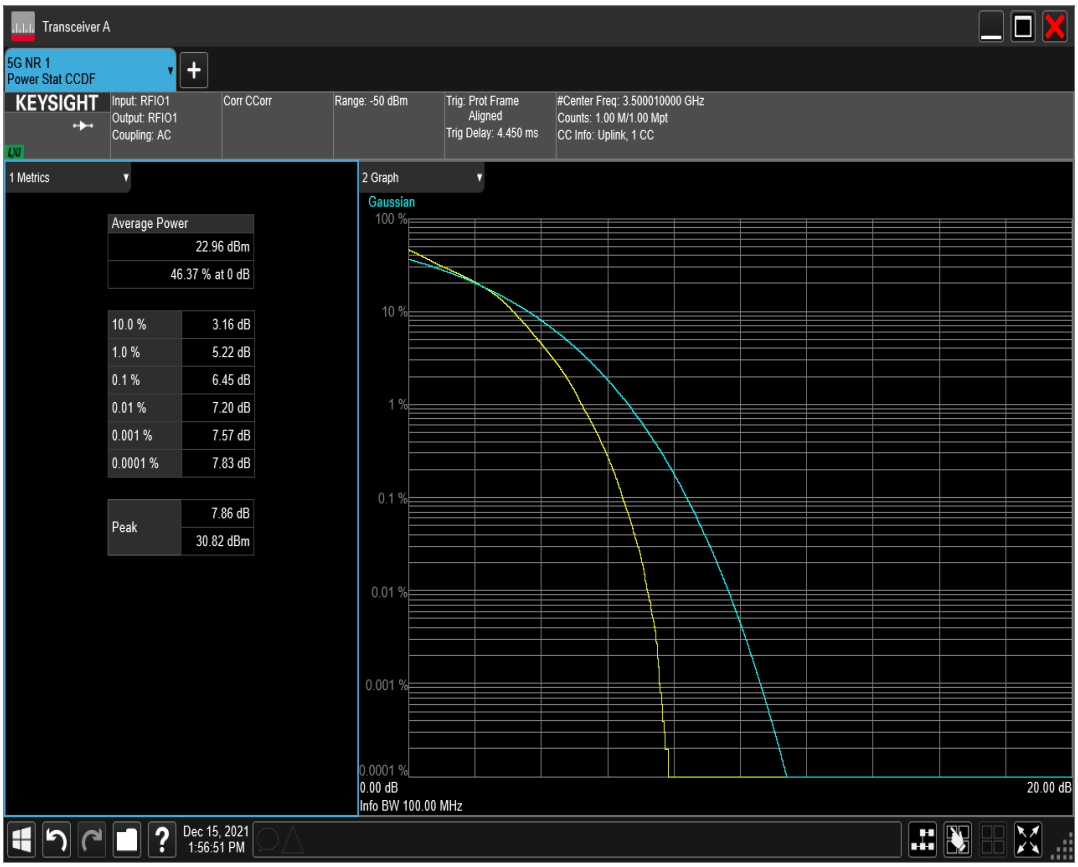
n77(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633334 RB=240@0



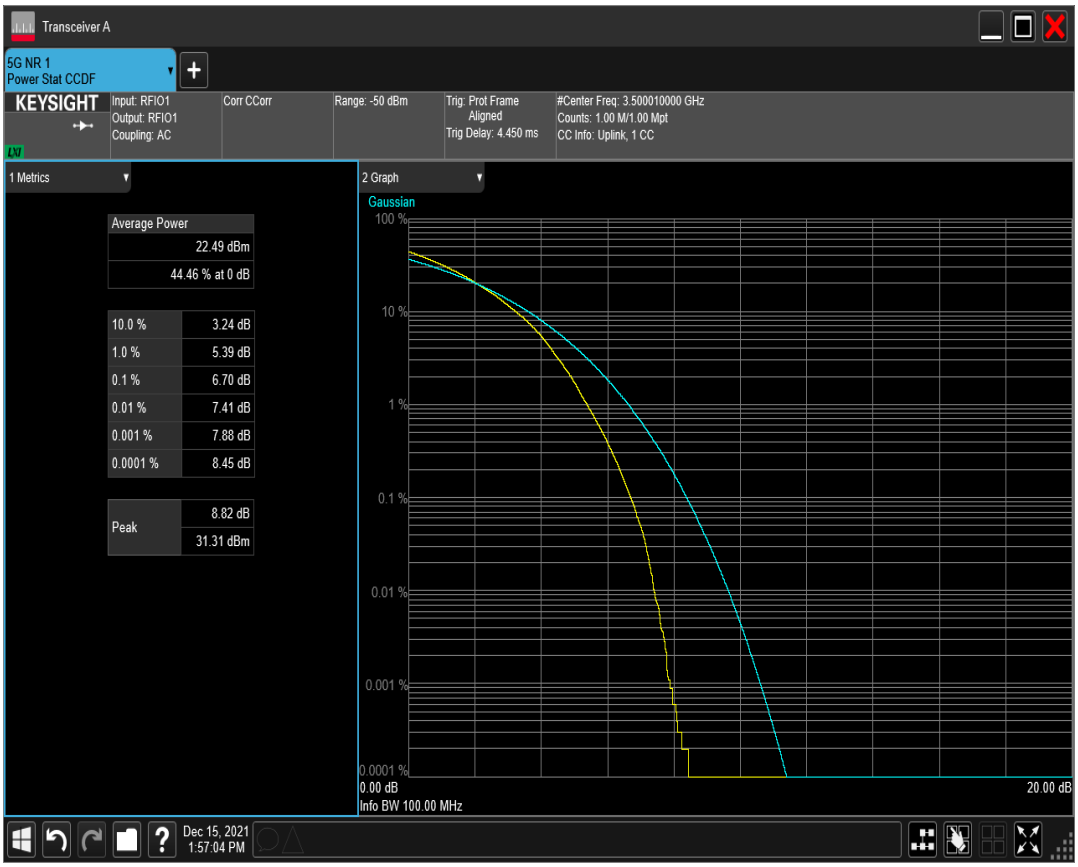
n77(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633334 RB=240@0



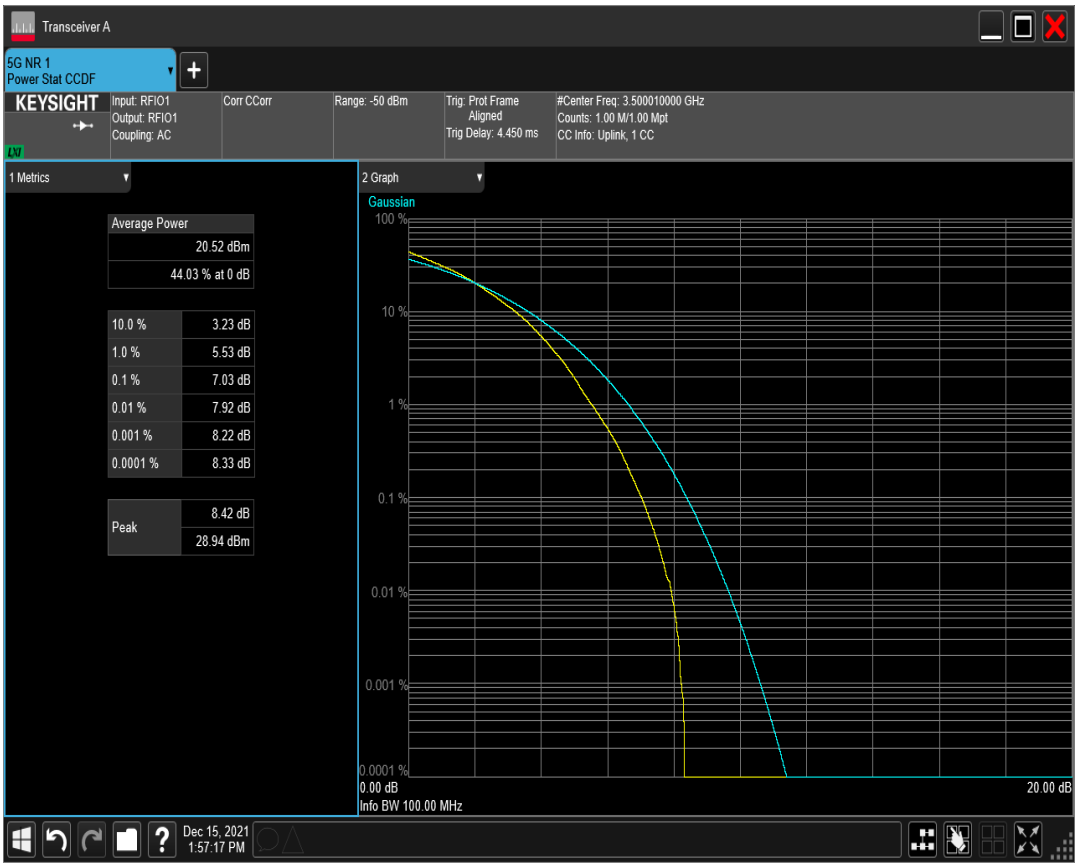
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=90MHz Channel=633334 RB=240@0



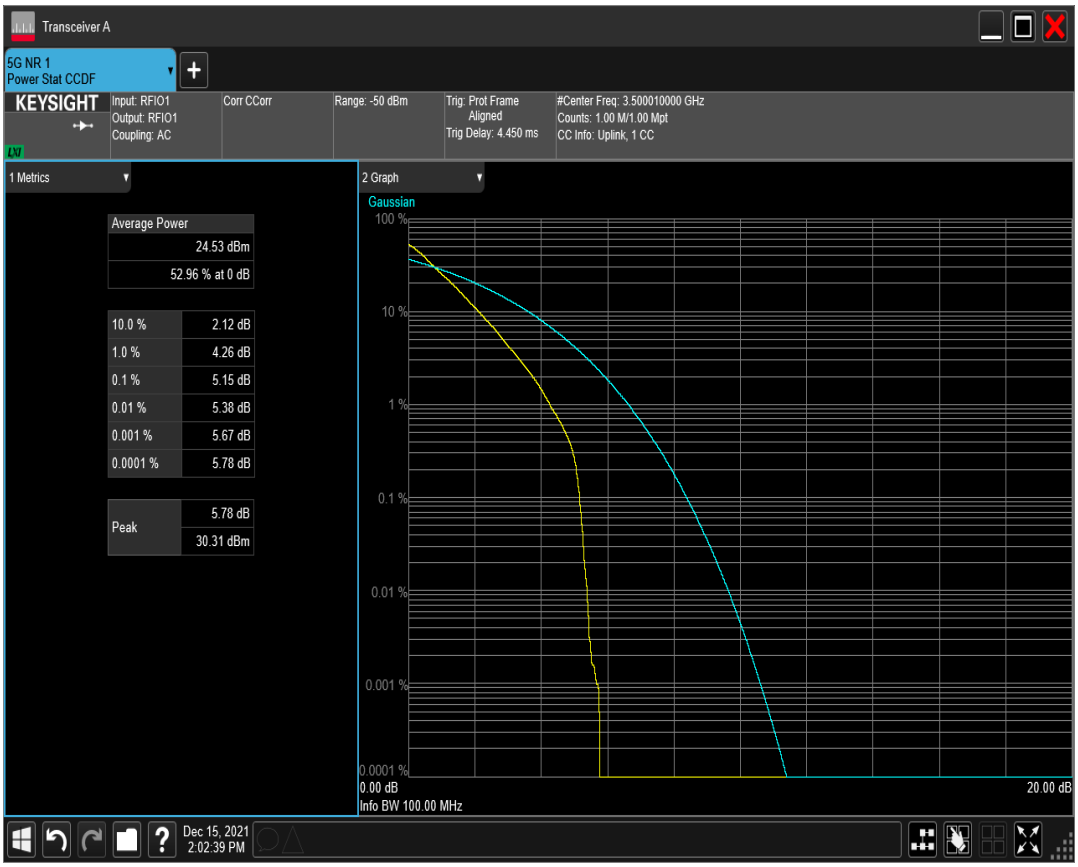
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633334 RB=240@0



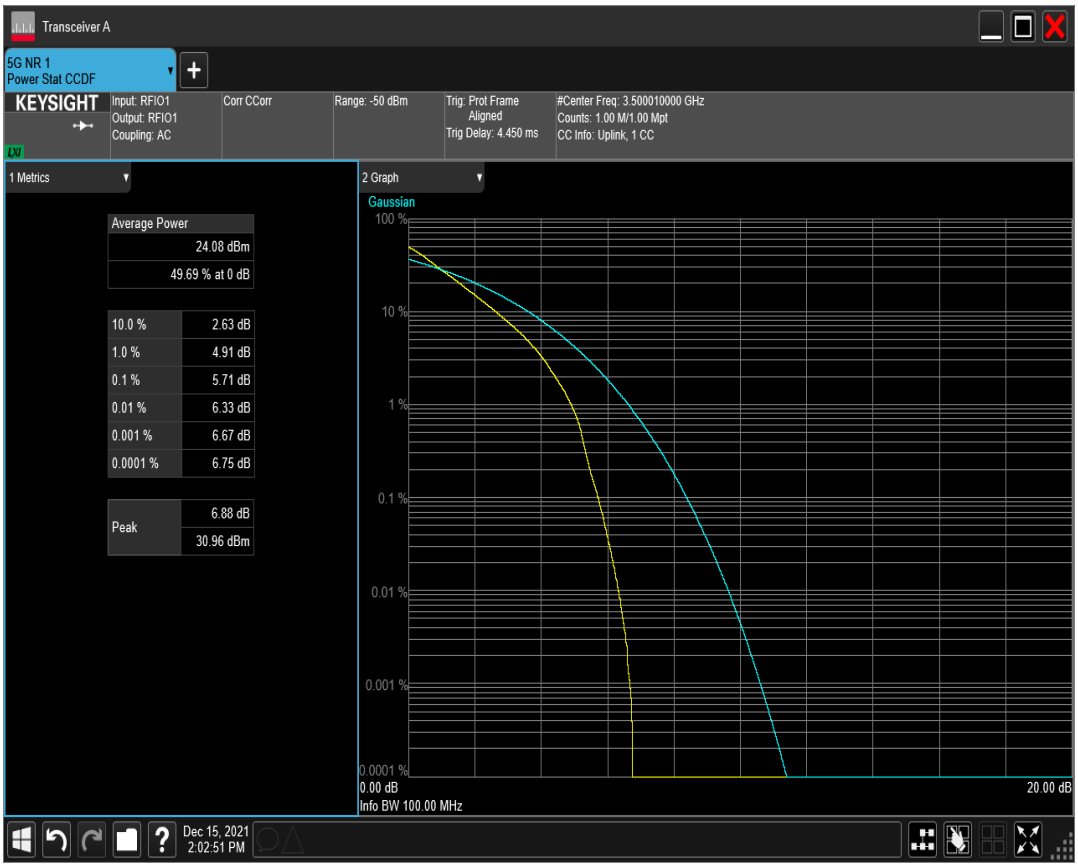
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=90MHz Channel=633334 RB=240@0



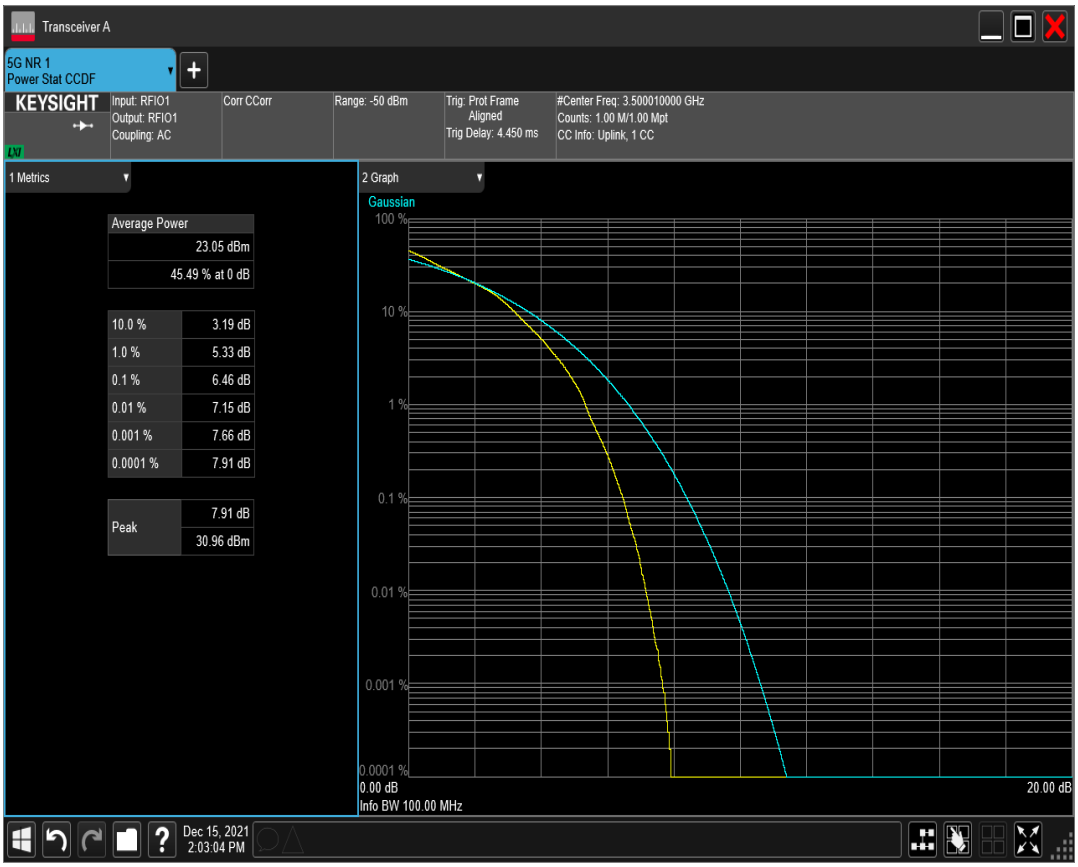
n77(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



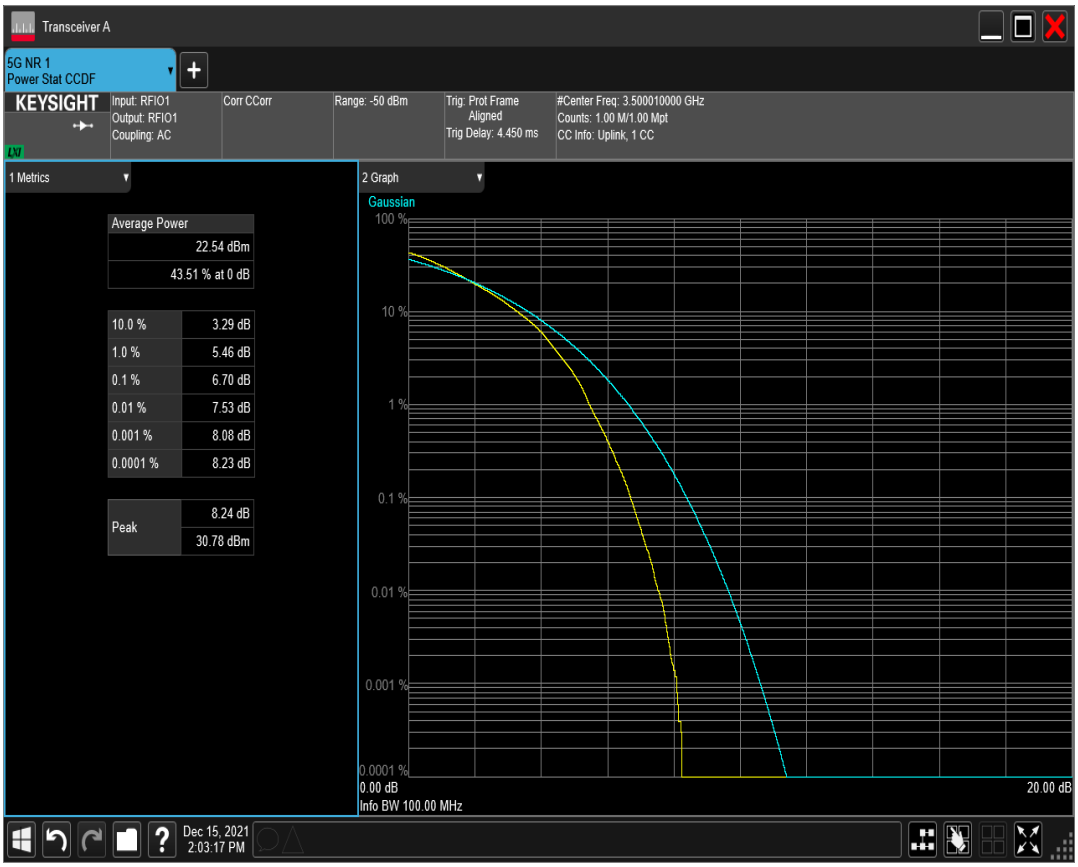
n77(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



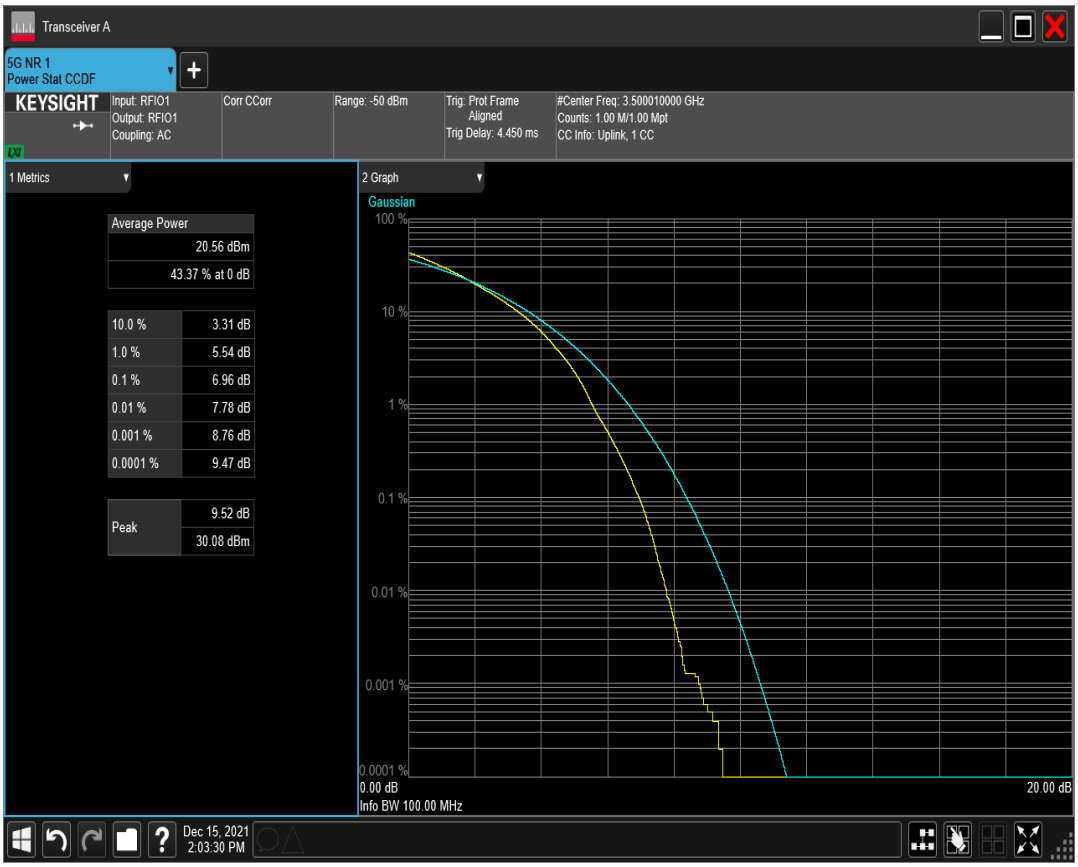
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=100MHz Channel=633334 RB=270@0



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



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



4 Occupied bandwidth for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3450-3550)	30	10	630334	24@0	DFT_BPSK	8.610	9.190	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	8.650	9.230	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM16	8.610	9.150	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM64	8.620	9.170	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM256	8.650	9.210	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	8.620	9.290	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	8.610	9.190	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	8.610	9.210	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	8.640	9.210	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	8.650	9.220	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	8.640	9.200	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	8.620	9.210	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	8.610	9.210	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	8.650	9.220	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM16	8.610	9.160	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM64	8.640	9.210	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM256	8.650	9.220	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	8.620	9.190	PASS

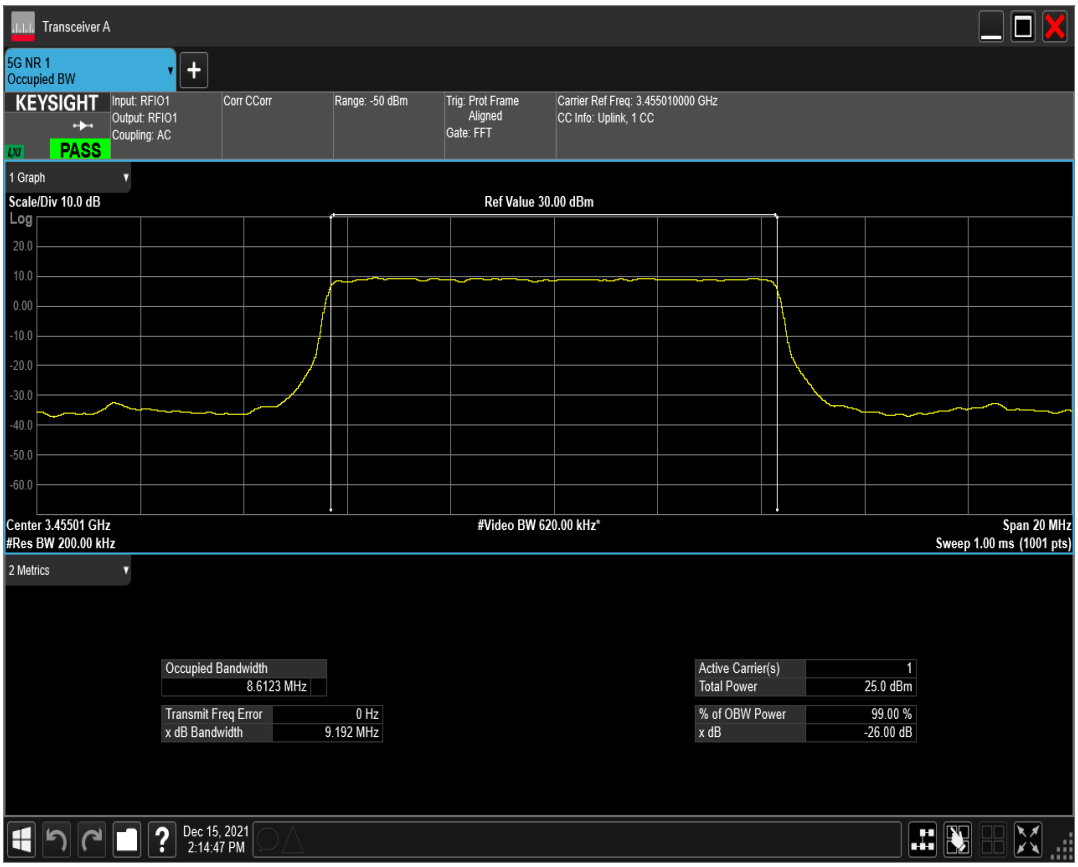
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	13.520	13.720	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	13.460	13.720	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM16	13.460	13.710	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM64	13.470	13.730	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM256	13.500	13.680	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	13.640	14.450	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	13.520	13.700	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	13.530	13.750	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	13.520	13.700	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	13.510	13.710	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	13.570	13.740	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	13.640	14.430	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	13.510	13.690	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	13.520	13.750	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM16	13.520	13.720	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM64	13.470	13.740	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM256	13.560	13.770	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	13.640	14.420	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	18.030	18.910	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	18.170	18.940	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM16	18.110	18.970	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM64	18.110	18.950	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM256	18.110	18.940	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	18.270	19.310	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	18.100	18.950	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	18.180	18.920	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	39.680	40.000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	39.690	40.000	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	18.160	18.920	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	18.270	19.300	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	18.040	18.890	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	18.170	18.940	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM16	18.090	18.910	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM64	18.110	18.920	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM256	18.090	18.910	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	18.270	19.300	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_BPSK	27.720	28.450	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QPSK	27.630	28.440	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM16	27.650	28.430	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM64	27.730	28.500	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM256	27.640	28.440	PASS
n77(3450-3550)	30	30	631000	78@0	CP_QPSK	27.990	29.530	PASS

n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	27.640	28.430	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	27.650	28.420	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	27.730	28.440	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	27.740	28.480	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	27.660	28.430	PASS
n77(3450-3550)	30	30	633334	78@0	CP_QPSK	27.980	29.510	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_BPSK	27.610	28.430	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QPSK	27.620	28.420	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM16	27.630	28.400	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM64	27.650	28.470	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM256	27.660	28.430	PASS
n77(3450-3550)	30	30	635666	78@0	CP_QPSK	27.970	29.520	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	37.600	37.920	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	37.510	37.900	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM16	37.600	37.890	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM64	37.500	37.890	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM256	37.630	37.920	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	38.000	40.070	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	37.620	37.890	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	37.600	37.870	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	37.620	37.870	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	37.600	37.870	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	37.640	37.900	PASS
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	37.980	40.030	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	37.500	37.880	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	37.470	37.850	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM16	37.490	37.870	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM64	37.480	37.860	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM256	37.600	37.880	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	37.960	40.010	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	47.220	48.400	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	47.050	48.360	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM16	47.070	48.360	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM64	47.030	48.340	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM256	47.050	48.340	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	47.660	50.220	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	47.210	48.350	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	47.030	48.320	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	47.090	48.360	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	47.020	48.340	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	47.040	48.350	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	47.650	50.180	PASS

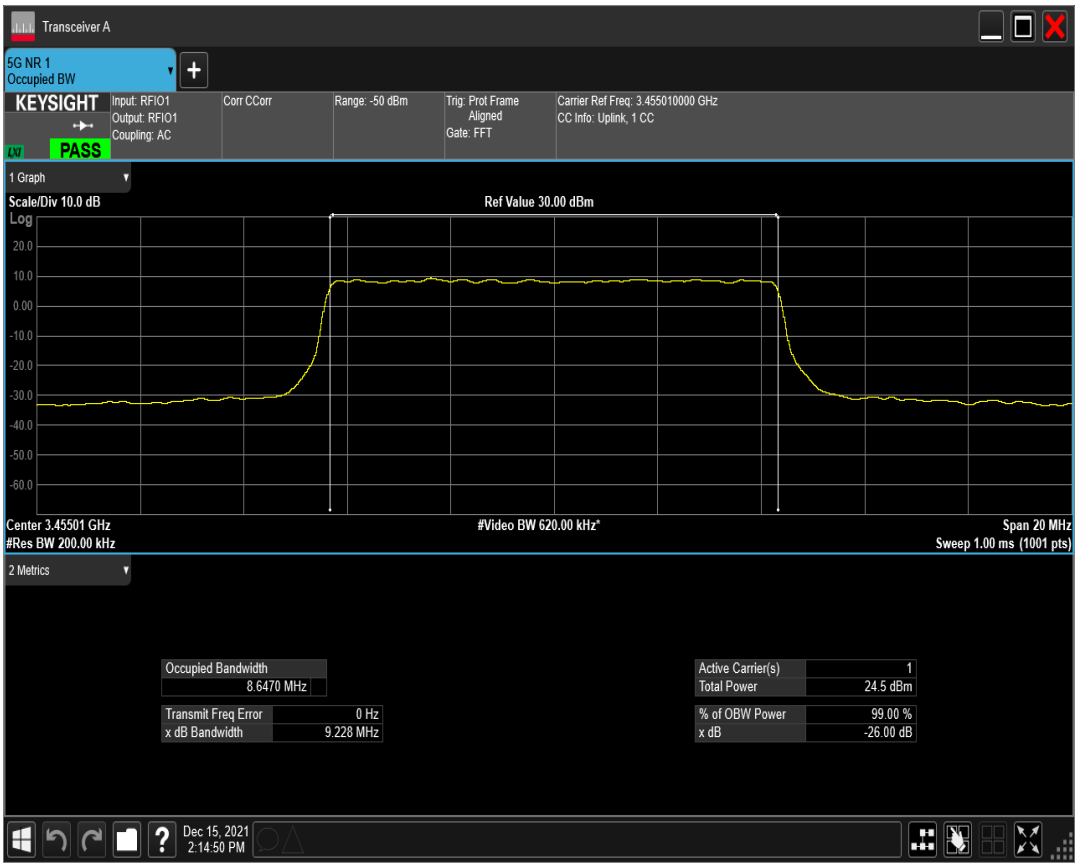
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	47.230	48.370	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	47.040	48.310	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM16	47.080	48.340	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM64	47.090	48.340	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM256	47.060	48.320	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	47.650	50.200	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	57.950	60.970	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	57.920	60.960	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM16	57.920	60.950	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM64	58.090	60.970	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM256	57.950	60.980	PASS
n77(3450-3550)	30	60	632000	162@0	CP_QPSK	57.940	60.980	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	57.930	60.950	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	57.930	60.950	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	57.930	60.940	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	58.100	60.950	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	57.960	60.980	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	57.950	60.990	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	57.950	60.970	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	57.950	60.960	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM16	57.940	60.960	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM64	58.110	61.000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM256	58.100	61.000	PASS
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	58.090	61.020	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	77.470	81.350	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	77.450	81.360	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM16	77.460	81.340	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM64	77.450	81.350	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM256	77.460	81.370	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	77.790	81.760	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	77.270	81.310	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	77.450	81.340	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	77.280	81.330	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	77.440	81.330	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	77.470	81.350	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	77.770	81.740	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	77.250	81.290	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	77.270	81.310	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM16	77.270	81.330	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM64	77.270	81.310	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM256	77.270	81.350	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	77.590	81.710	PASS

n77(3450-3550)	30	90	633000	240@0	DFT_BPSK	86.560	90.490	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QPSK	86.770	90.520	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM16	86.580	90.450	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM64	86.510	90.450	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM256	86.540	90.500	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	87.640	92.290	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	86.530	90.490	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	86.490	90.440	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	86.540	90.450	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	86.480	90.430	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	86.520	90.510	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	87.630	92.270	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_BPSK	86.520	90.460	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QPSK	86.470	90.450	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM16	86.530	90.450	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM64	86.470	90.450	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM256	86.510	90.500	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	87.600	92.260	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	96.820	101.600	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	96.580	101.550	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	96.559	101.600	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	96.550	101.600	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	96.810	101.580	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	97.610	102.680	PASS

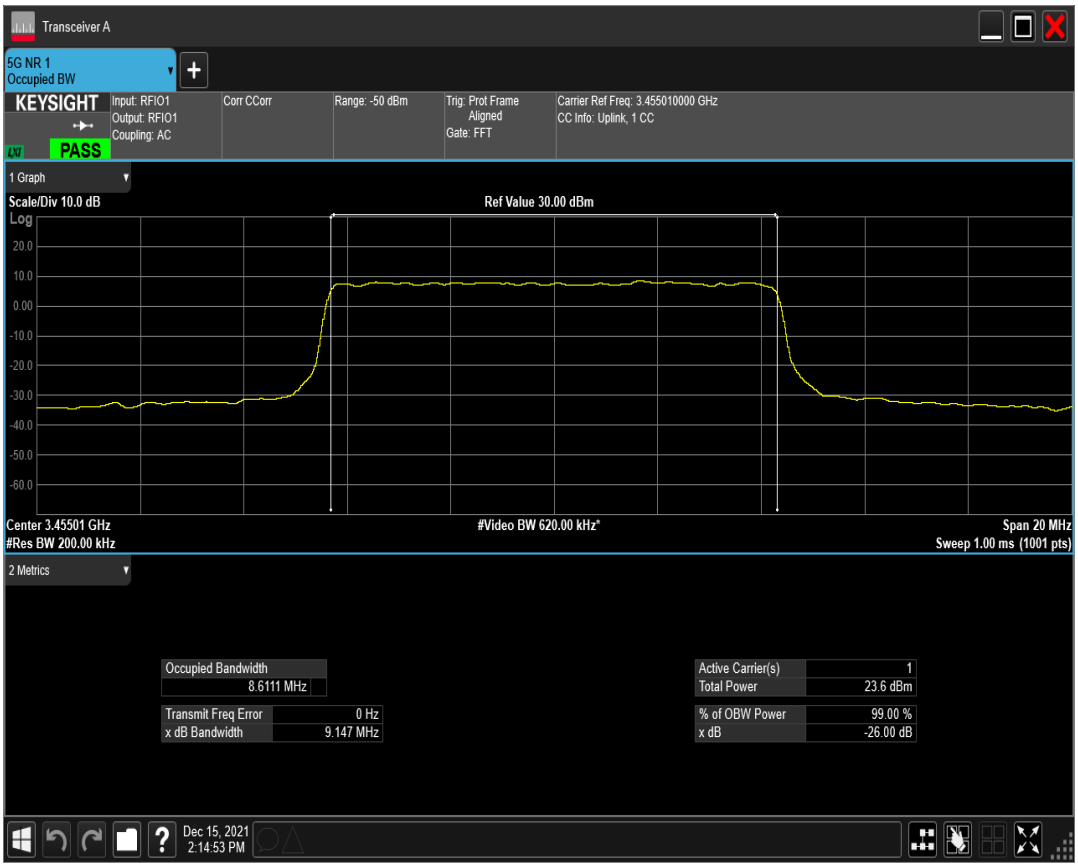
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=630334 RB=24@0



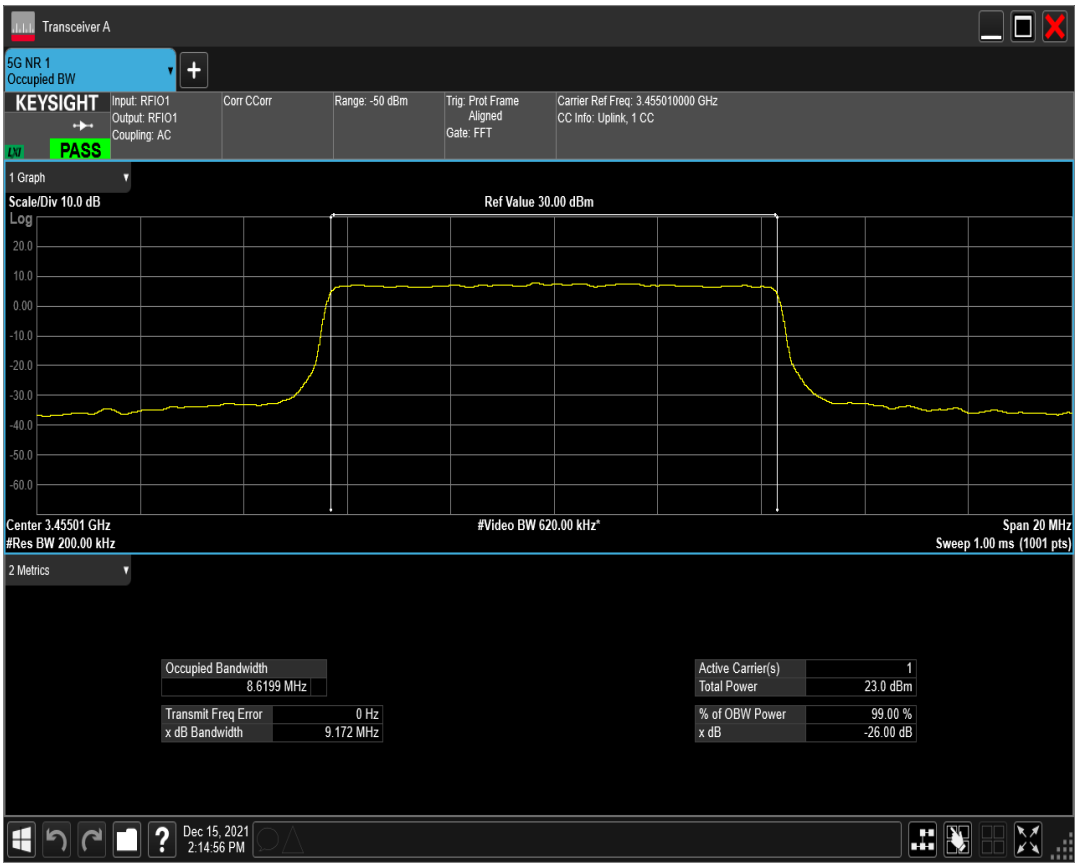
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=630334 RB=24@0



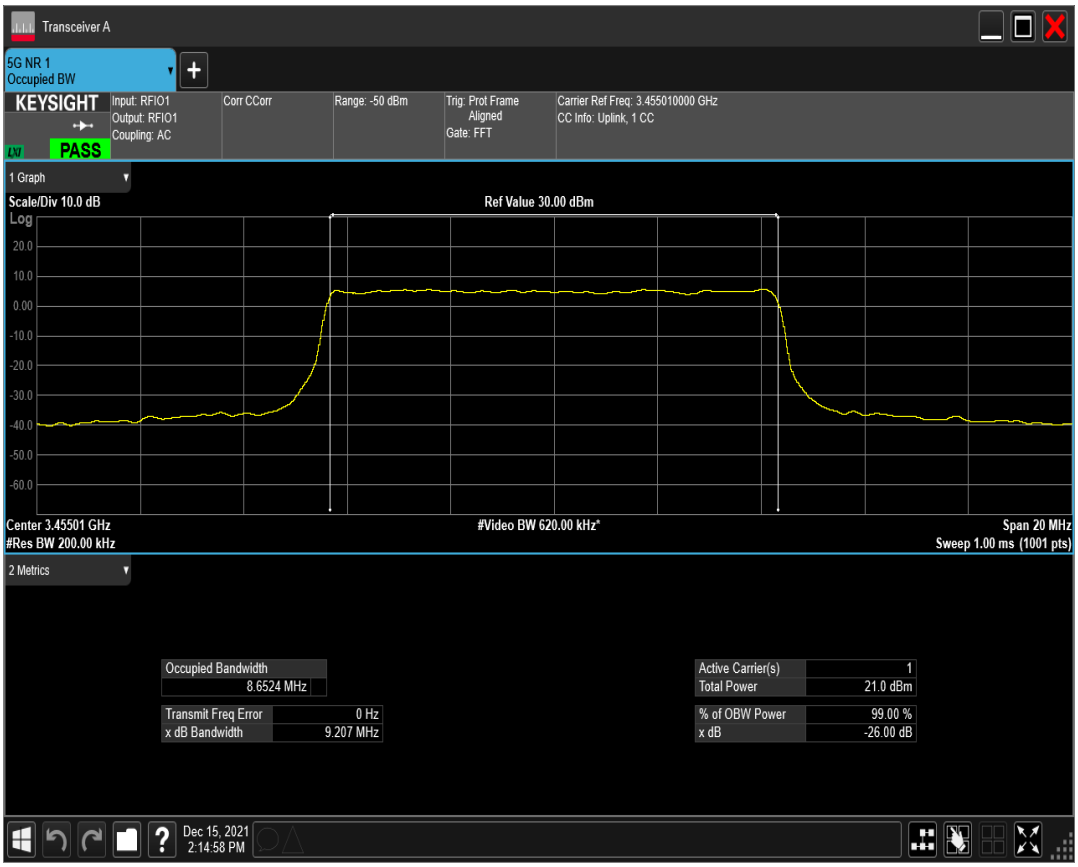
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=630334 RB=24@0



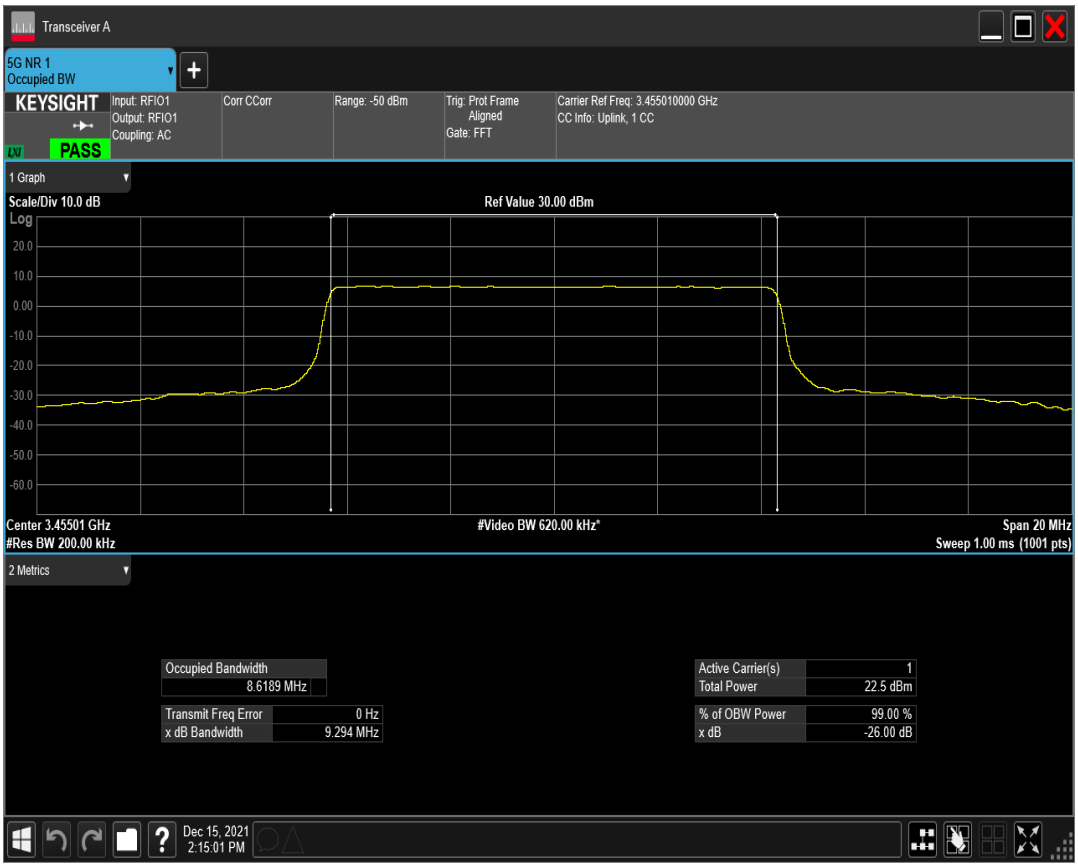
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=630334 RB=24@0



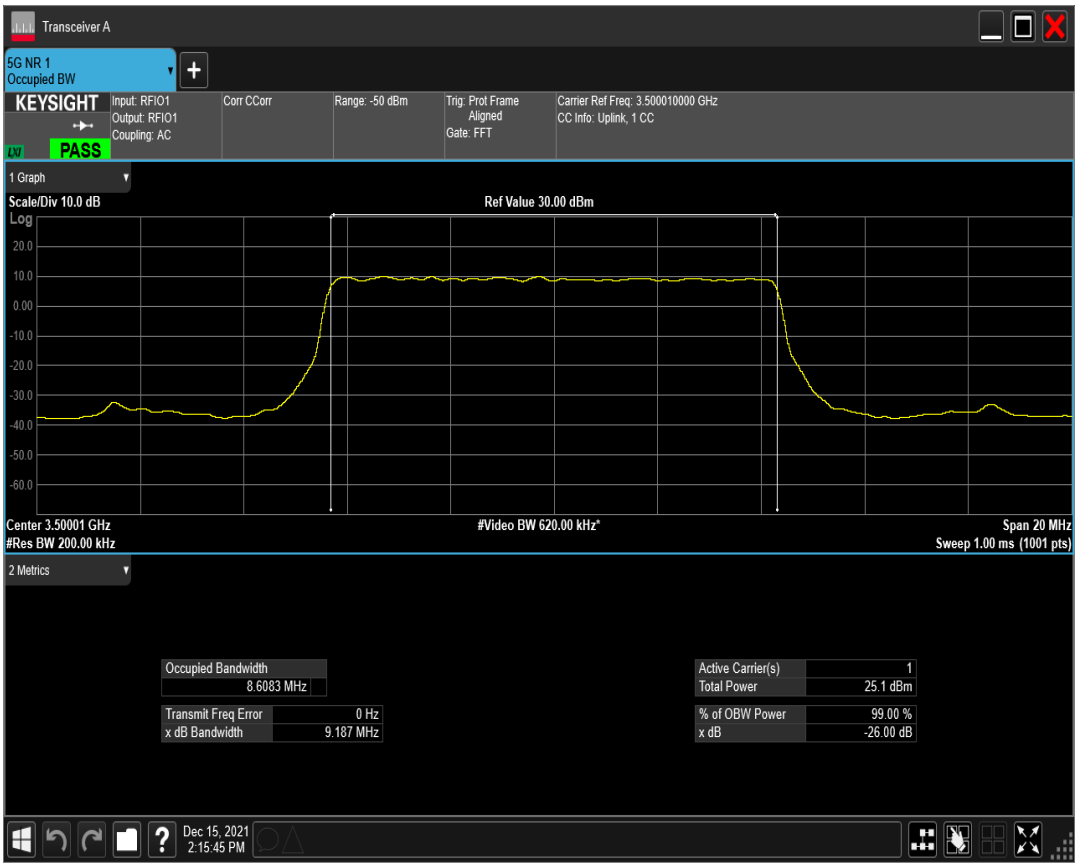
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=630334 RB=24@0



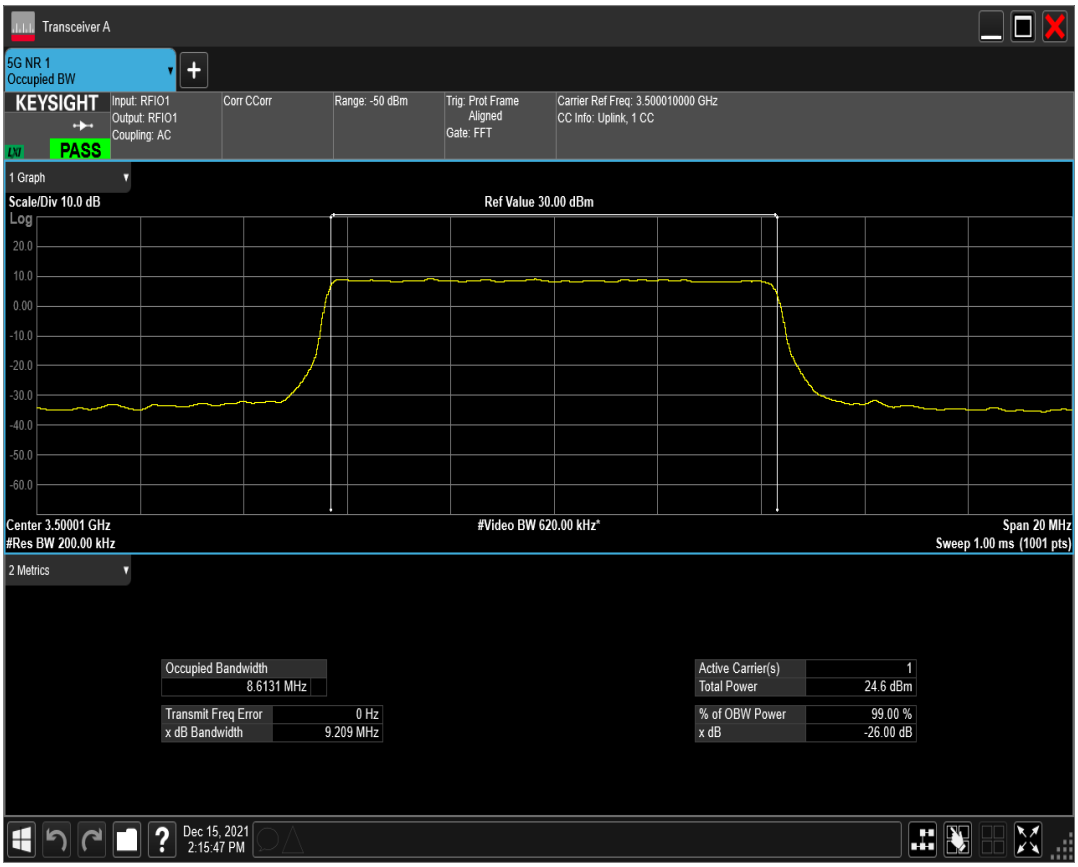
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=630334 RB=24@0



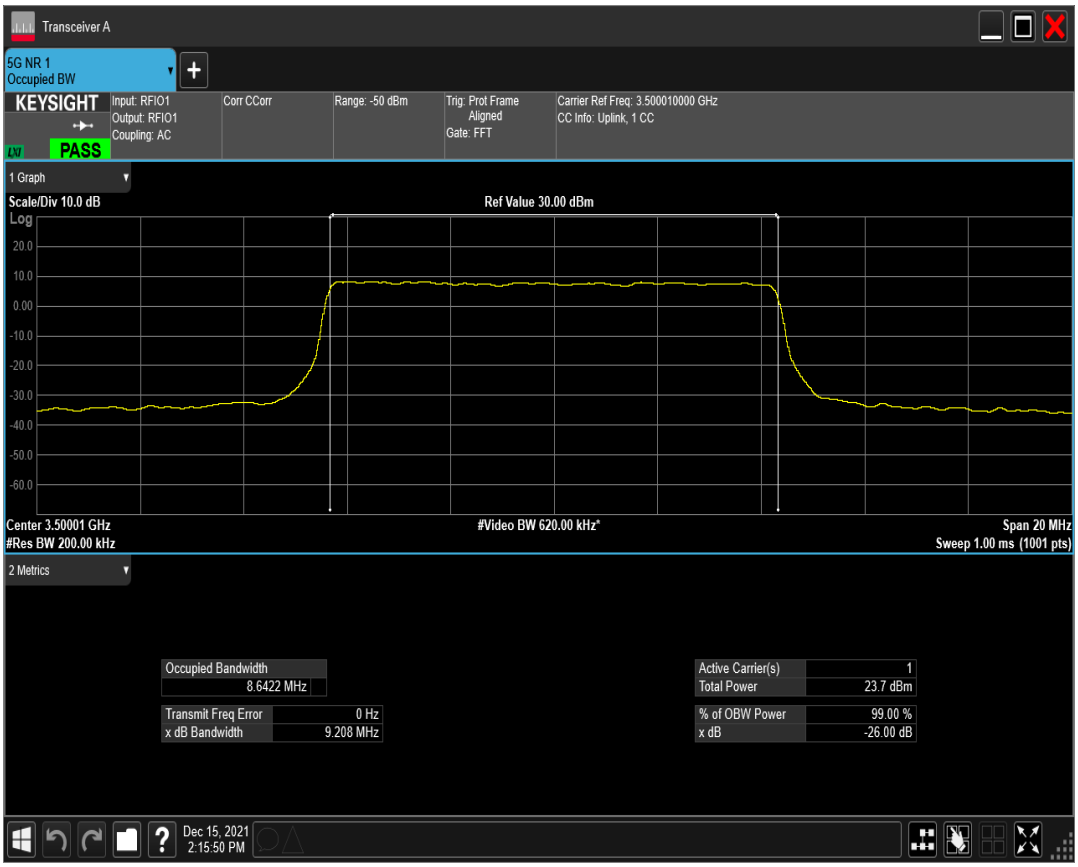
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



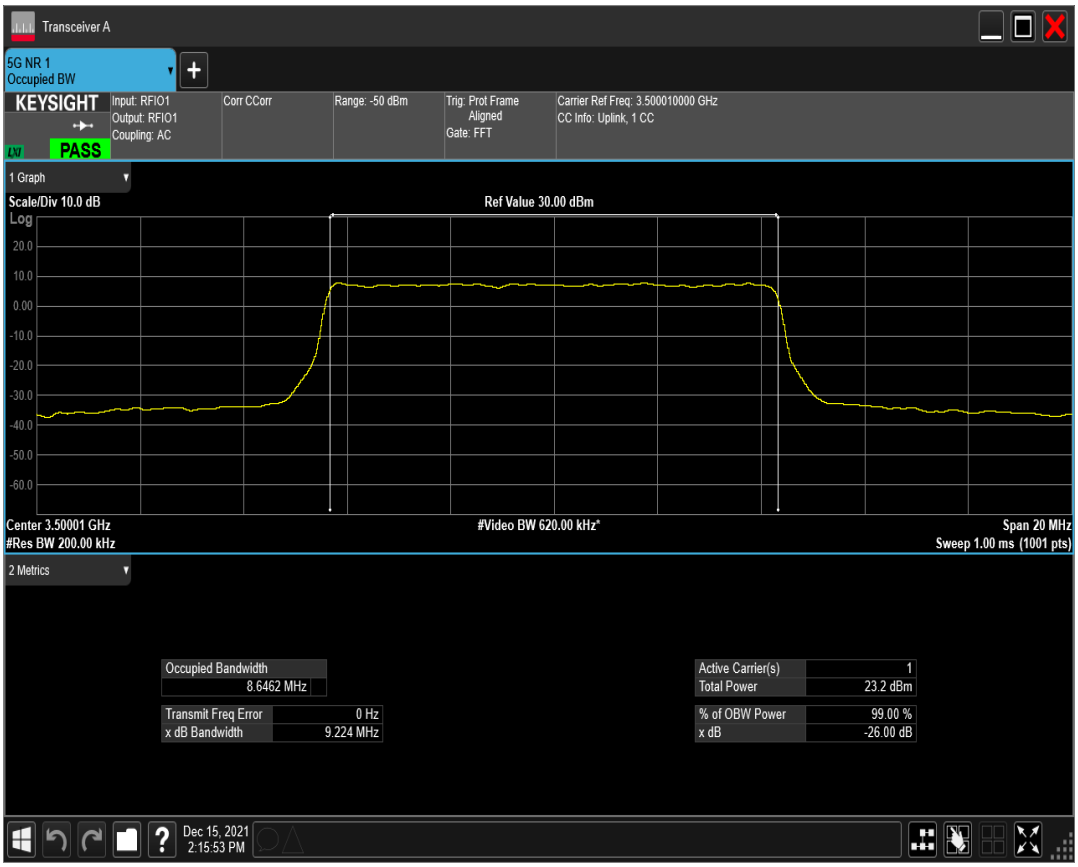
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



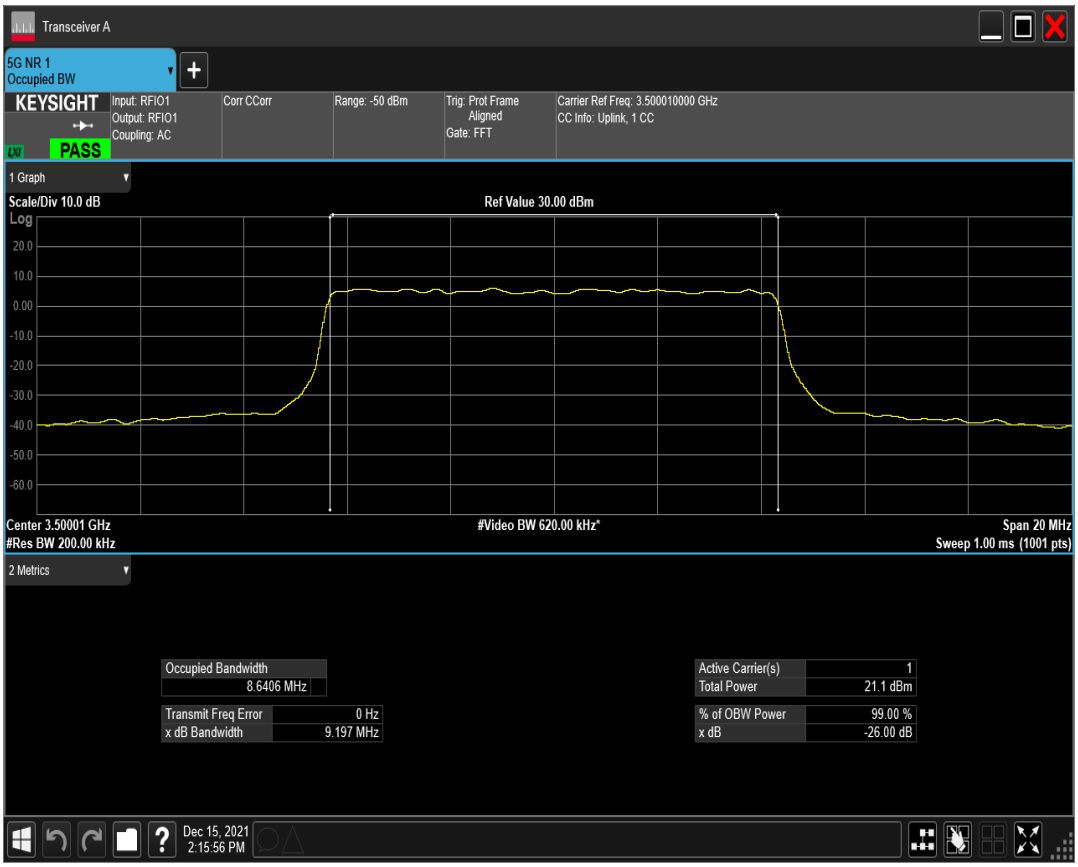
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=633334 RB=24@0



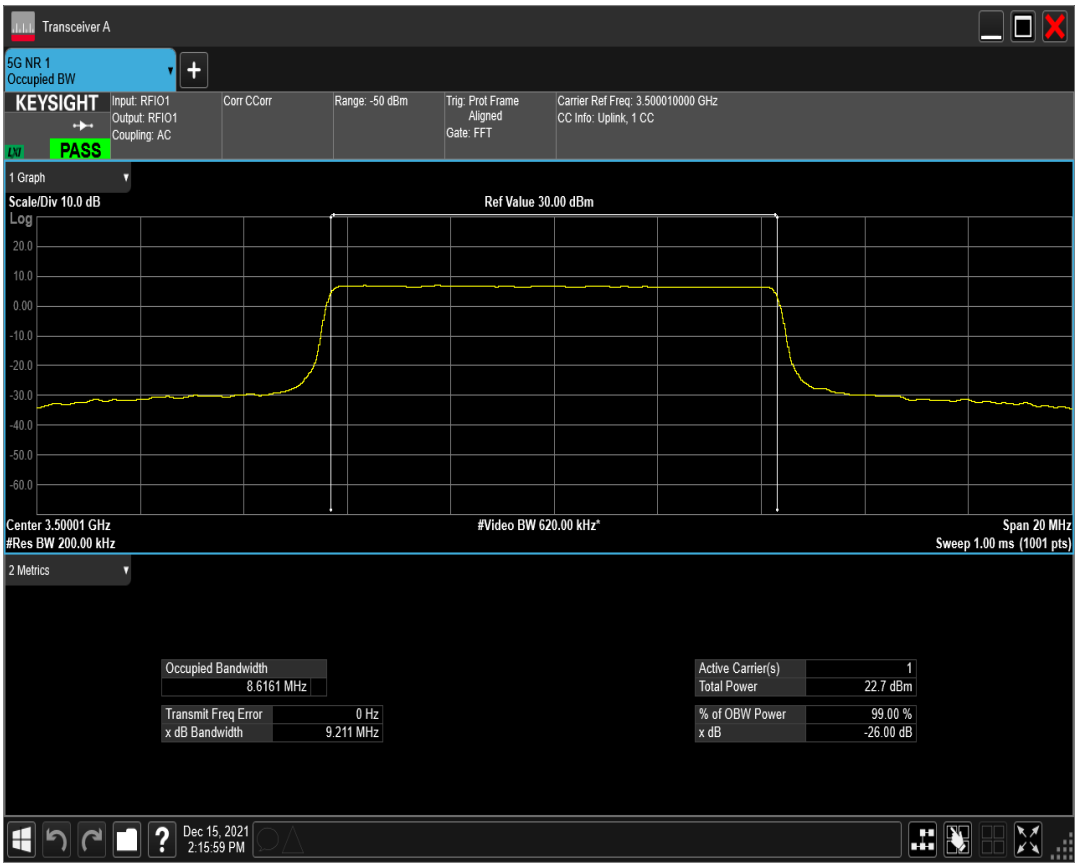
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=633334 RB=24@0



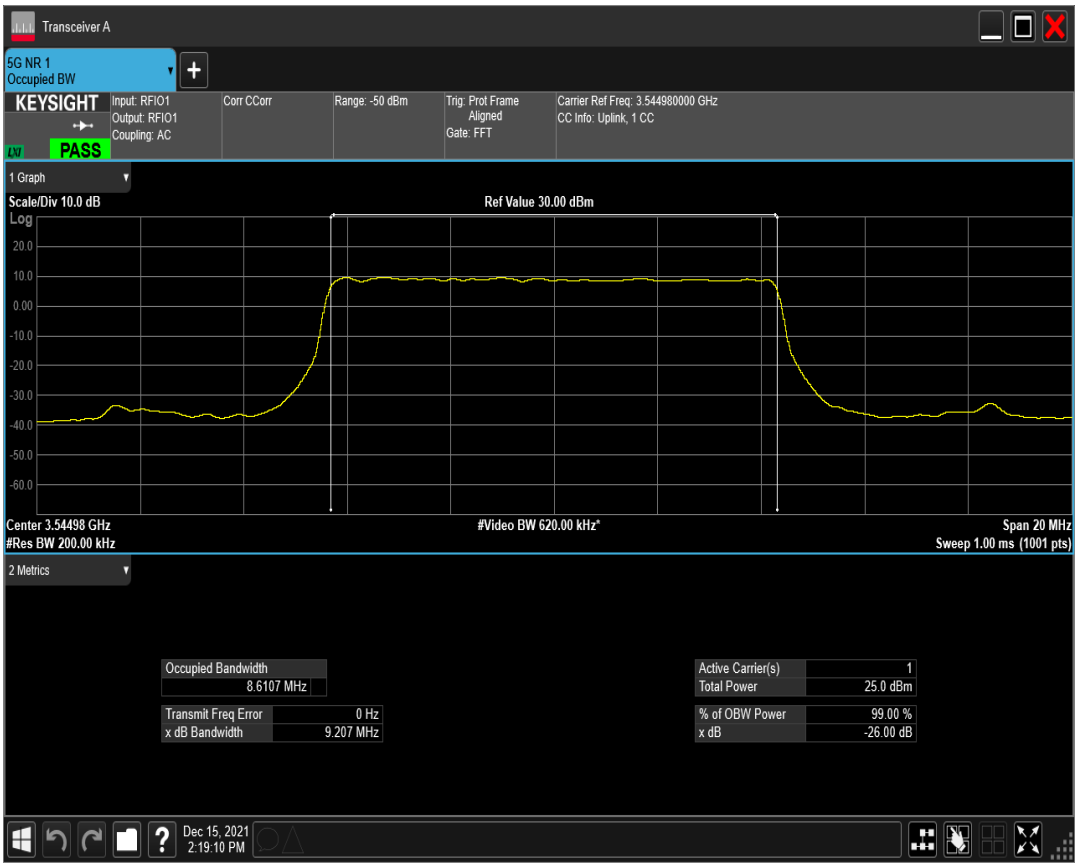
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=633334 RB=24@0



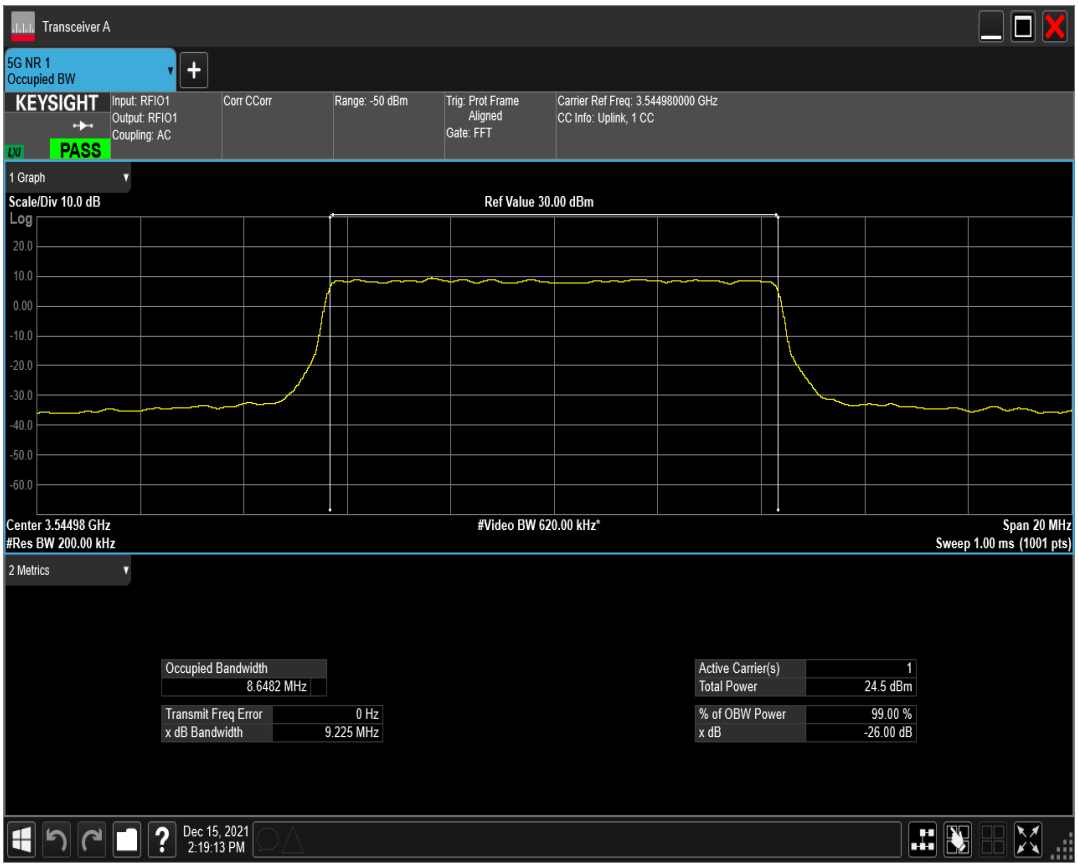
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=633334 RB=24@0



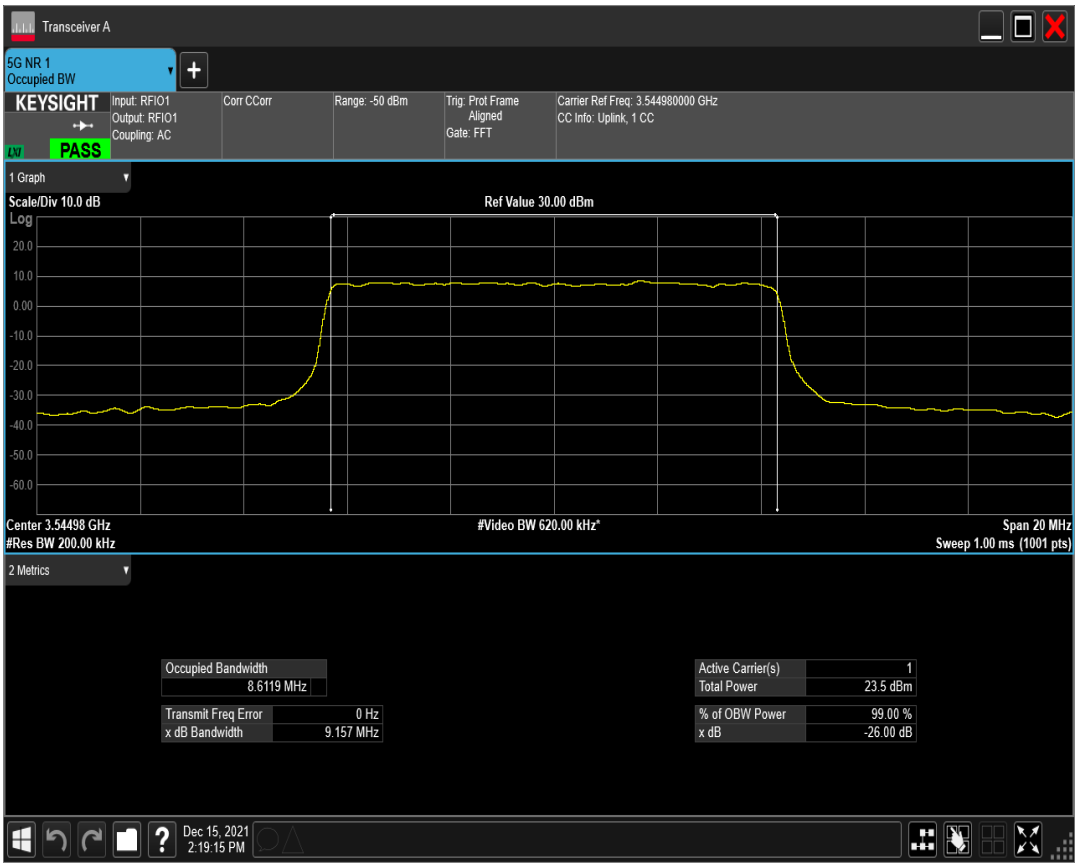
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=636332 RB=24@0



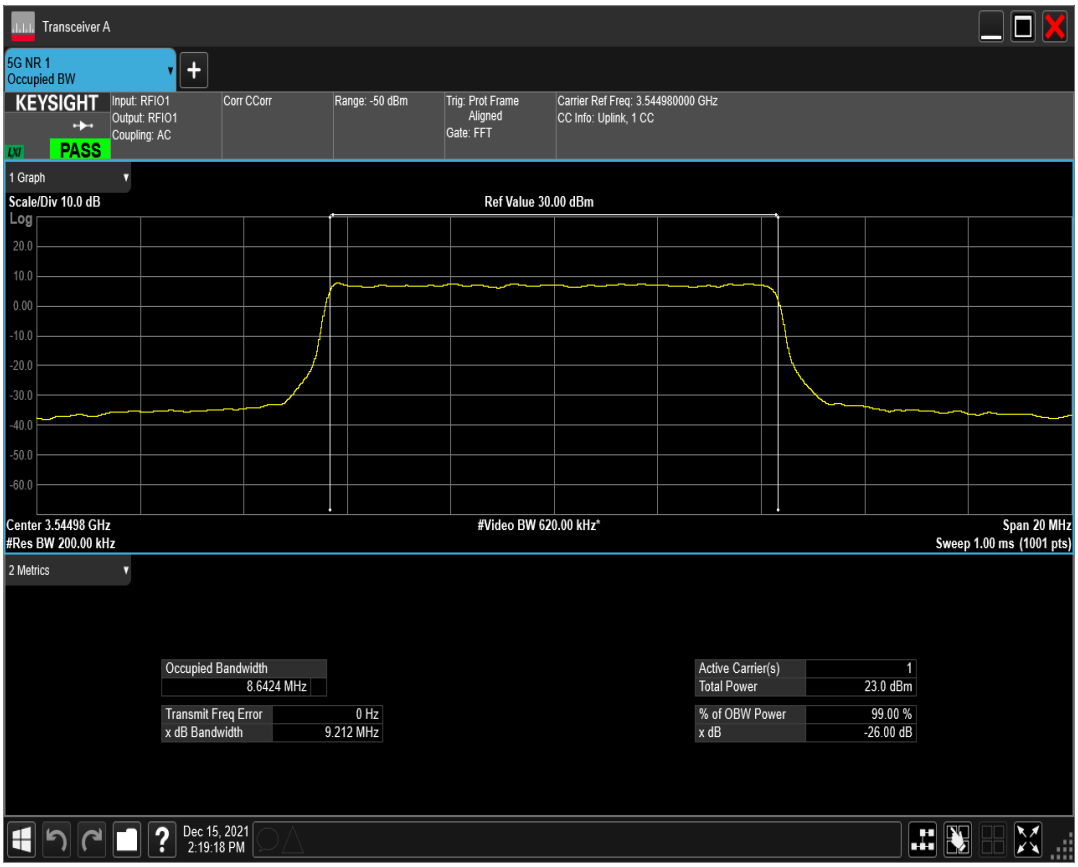
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=636332 RB=24@0



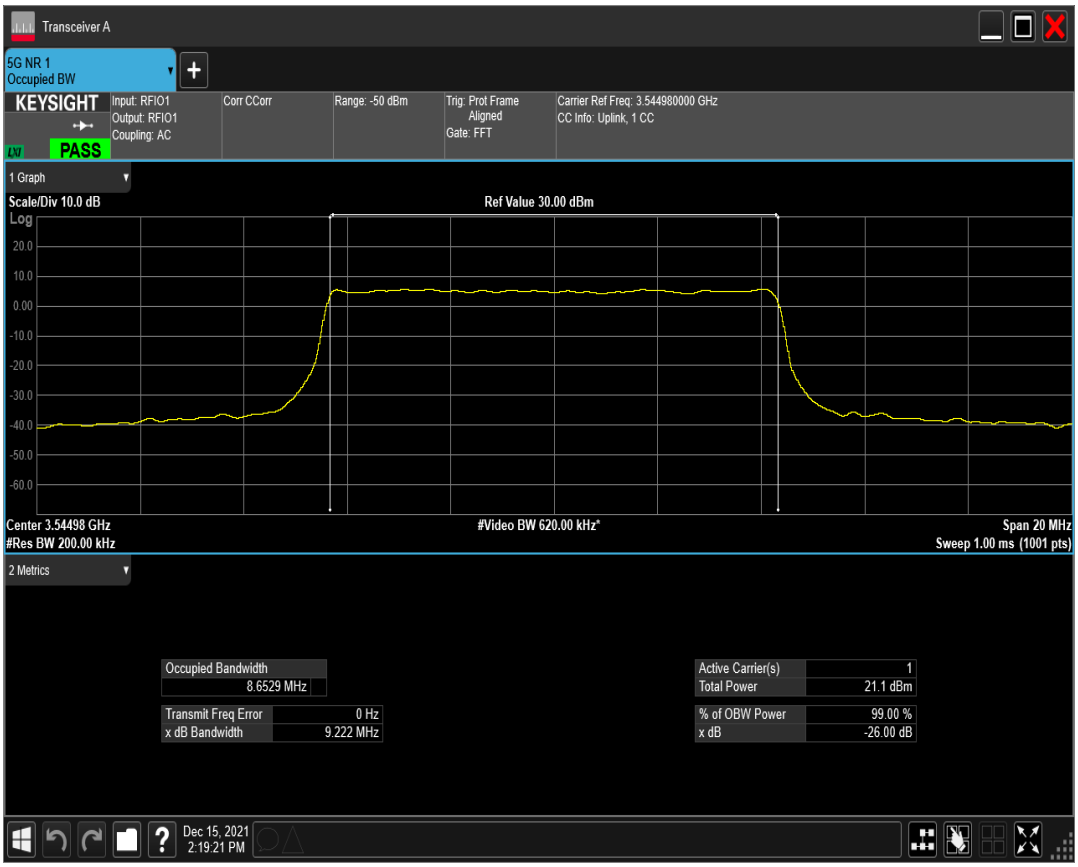
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=636332 RB=24@0



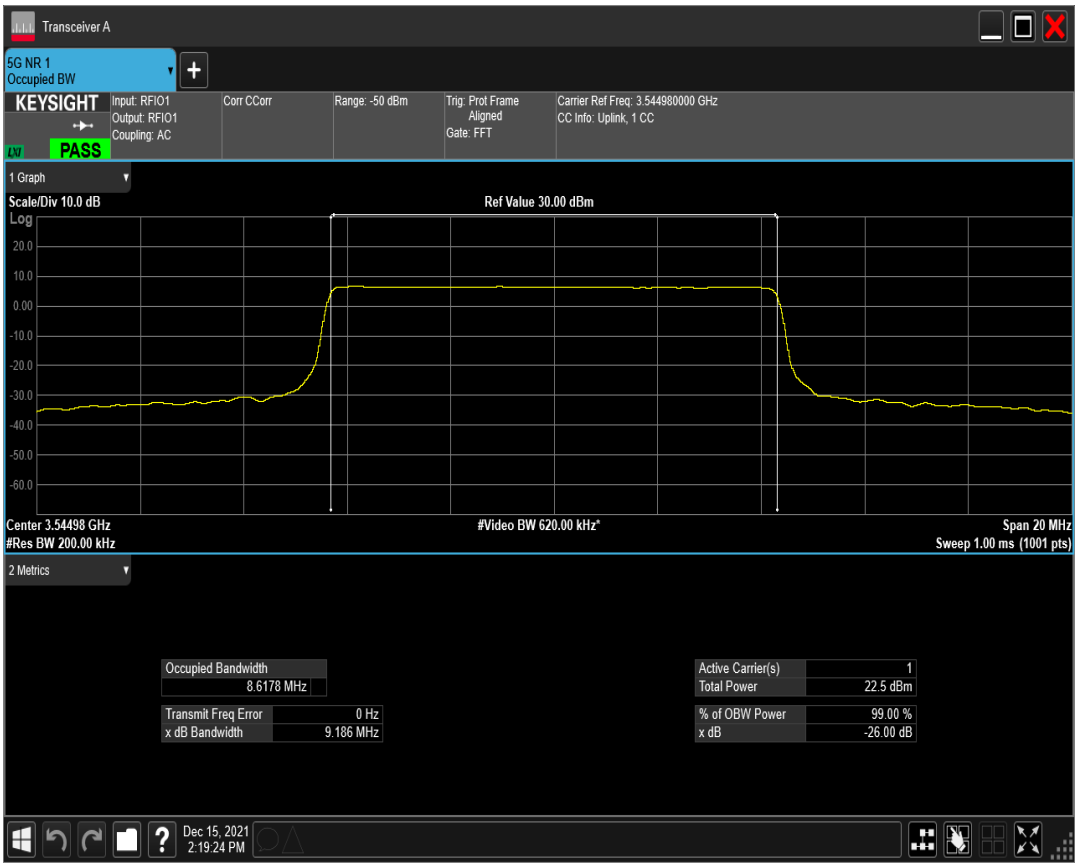
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=636332 RB=24@0



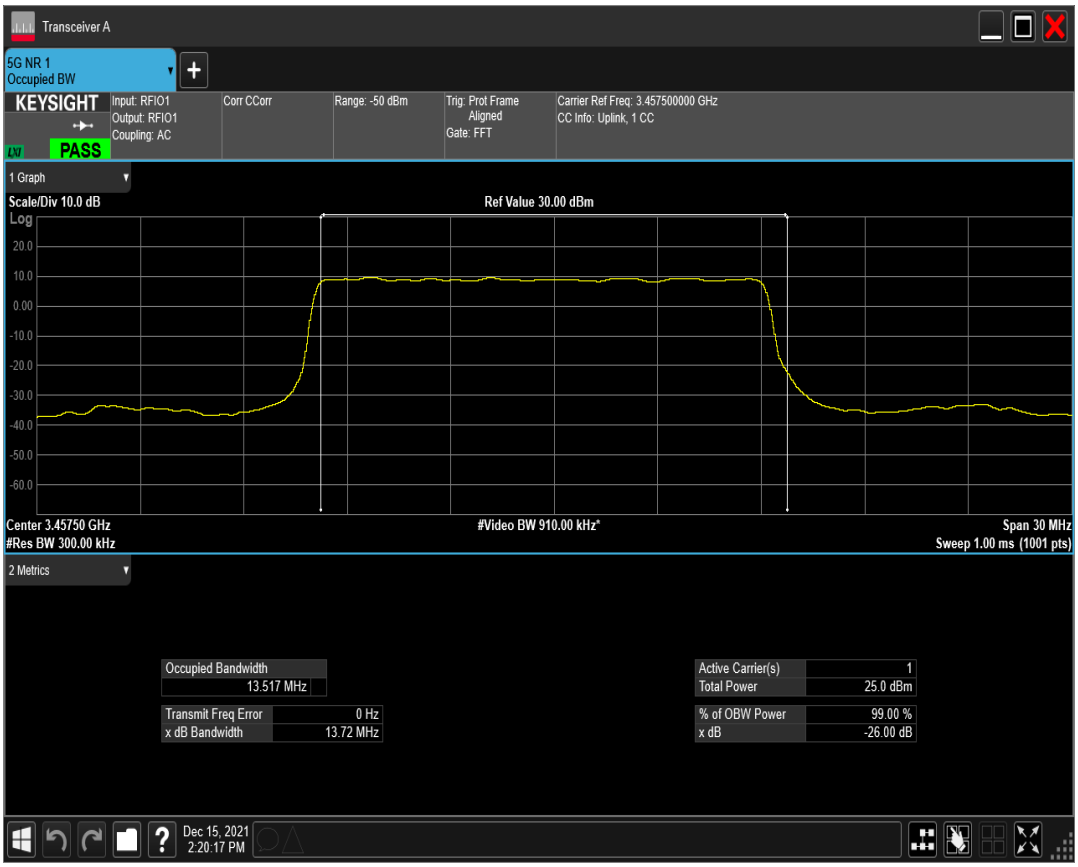
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=636332 RB=24@0



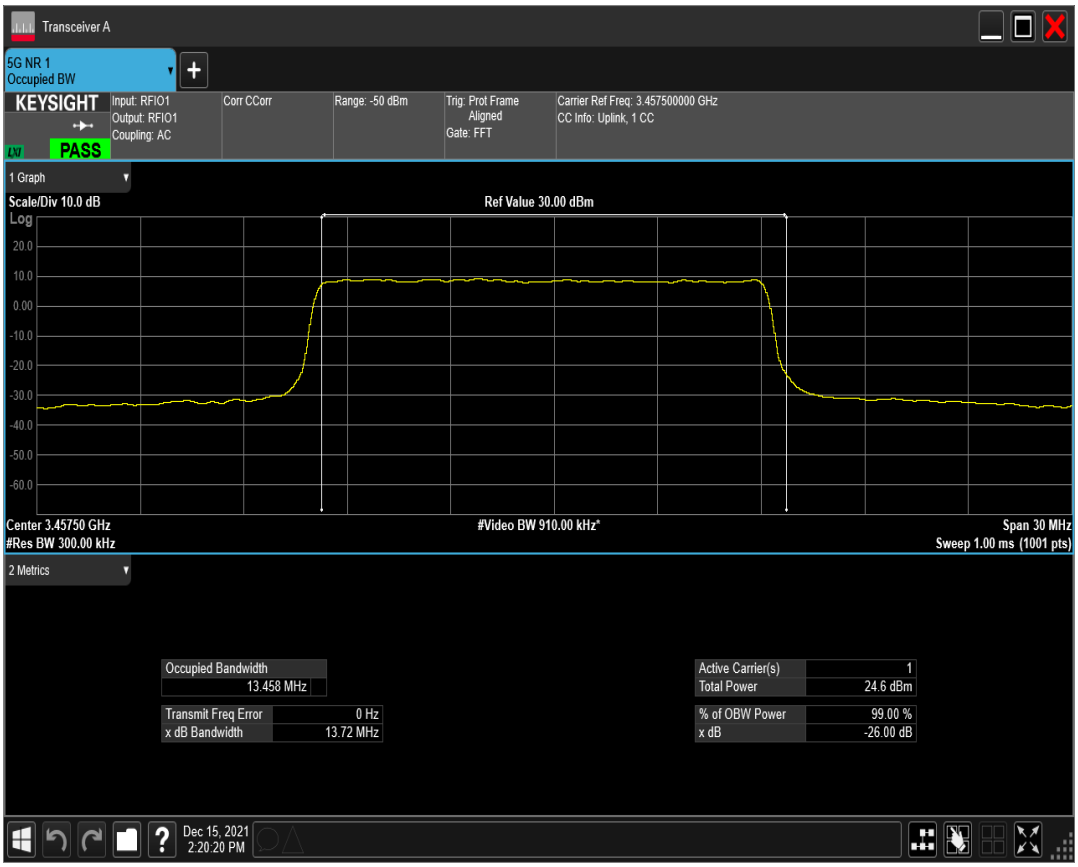
n77(3450-3550) SCS=30kHz CP_QPSK BW=10MHz Channel=636332 RB=24@0



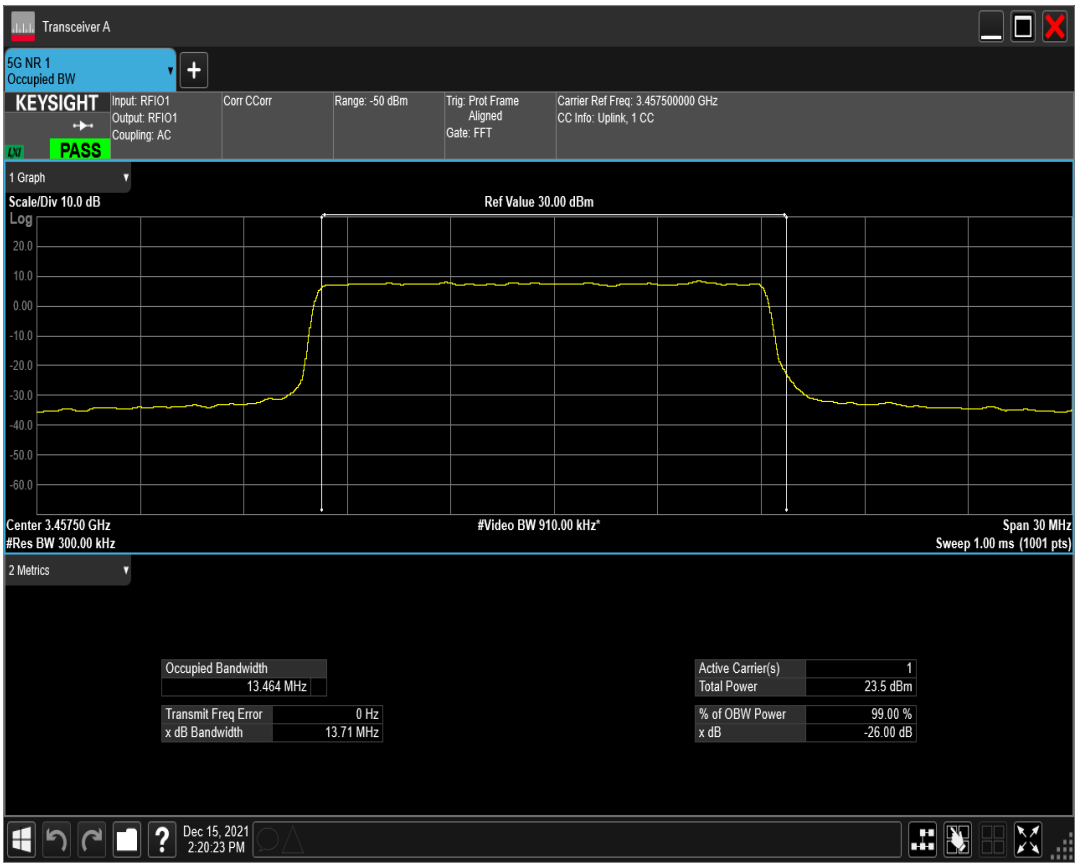
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=630500 RB=36@0



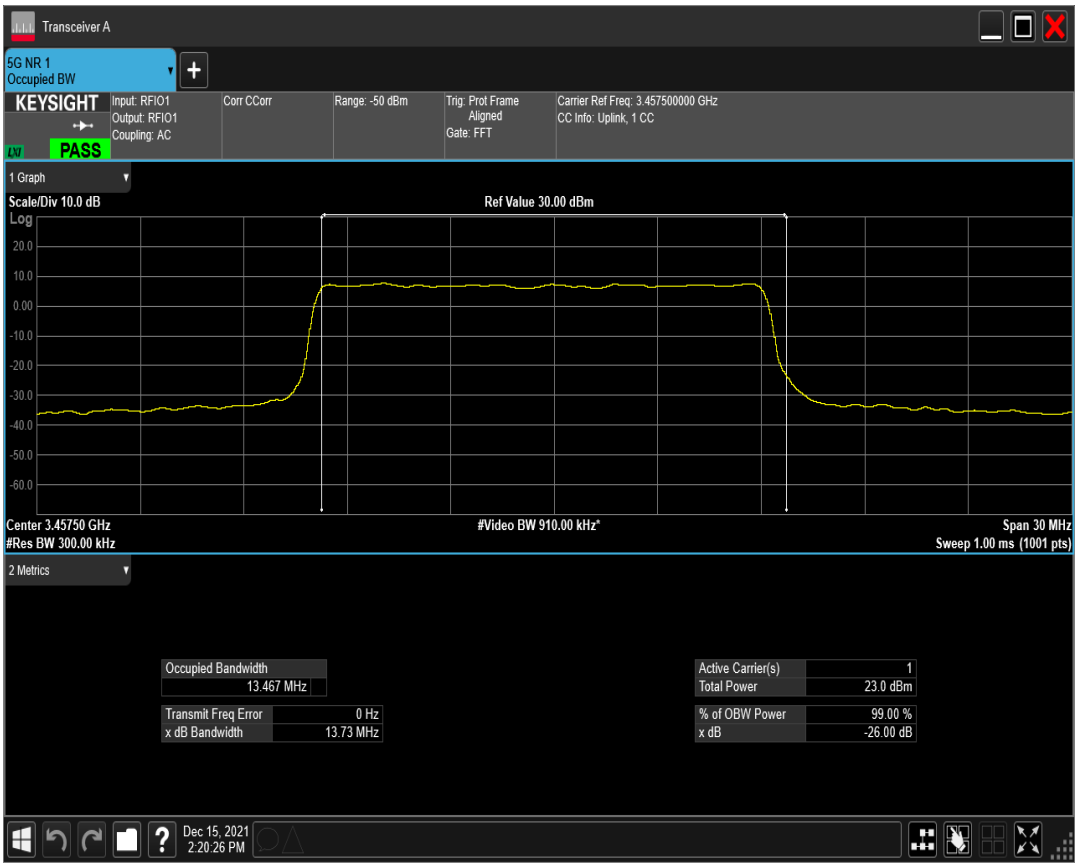
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=630500 RB=36@0



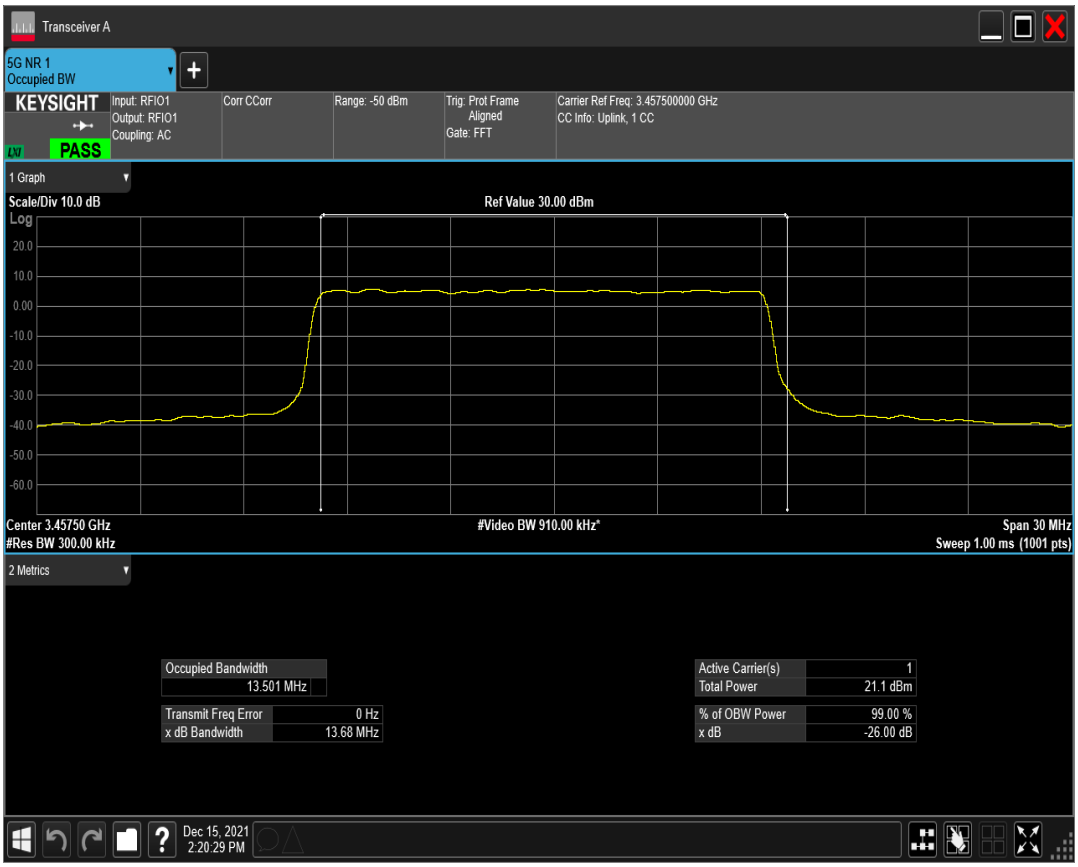
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=630500 RB=36@0



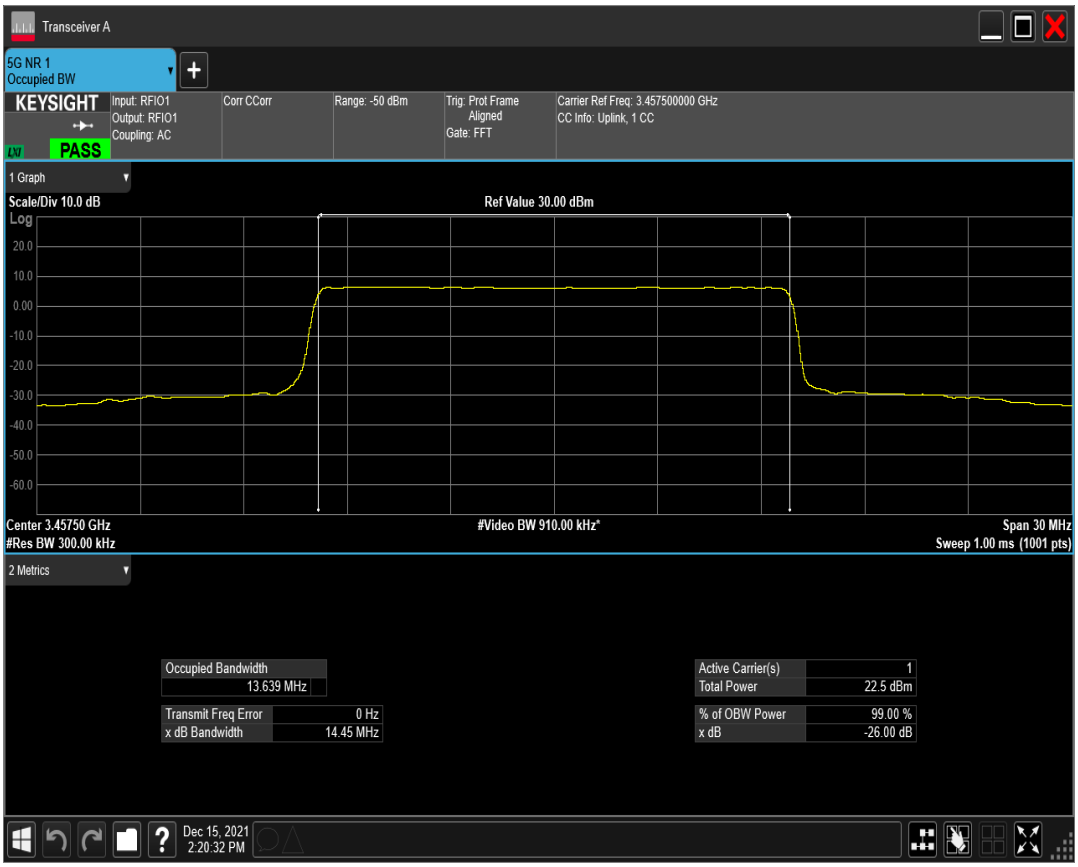
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=630500 RB=36@0



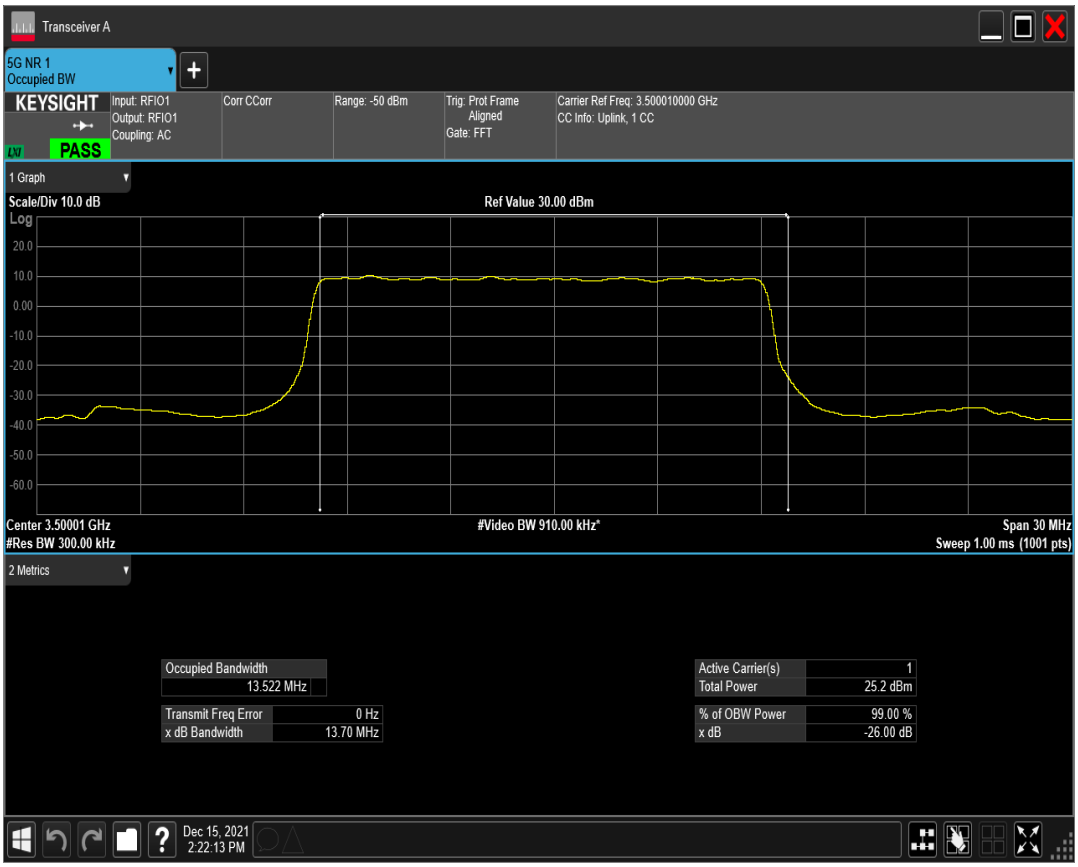
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=630500 RB=36@0



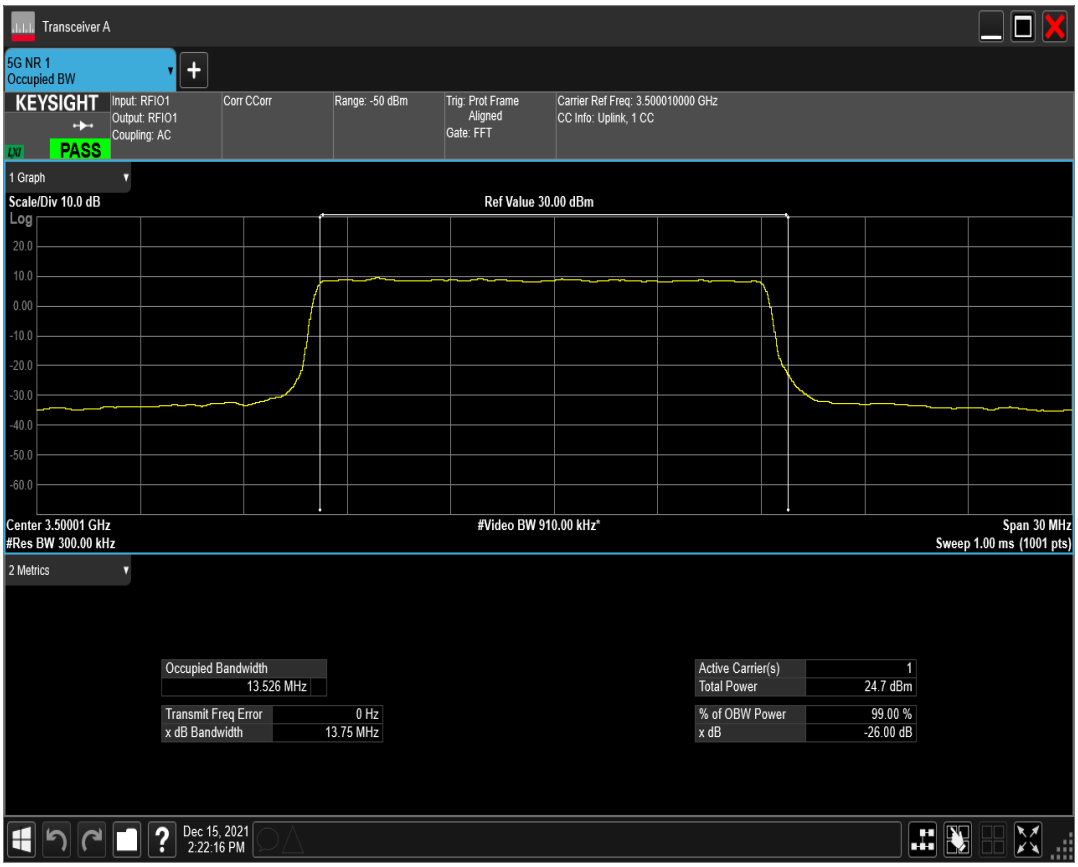
n77(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=630500 RB=38@0



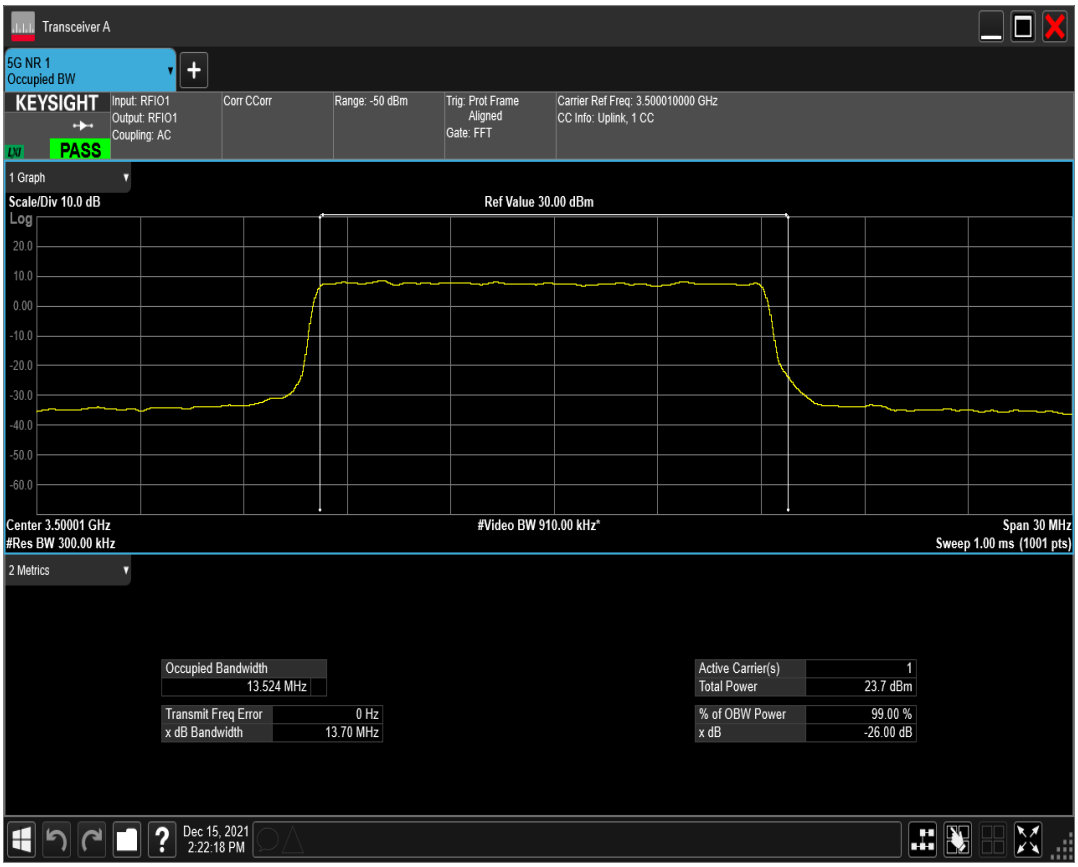
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



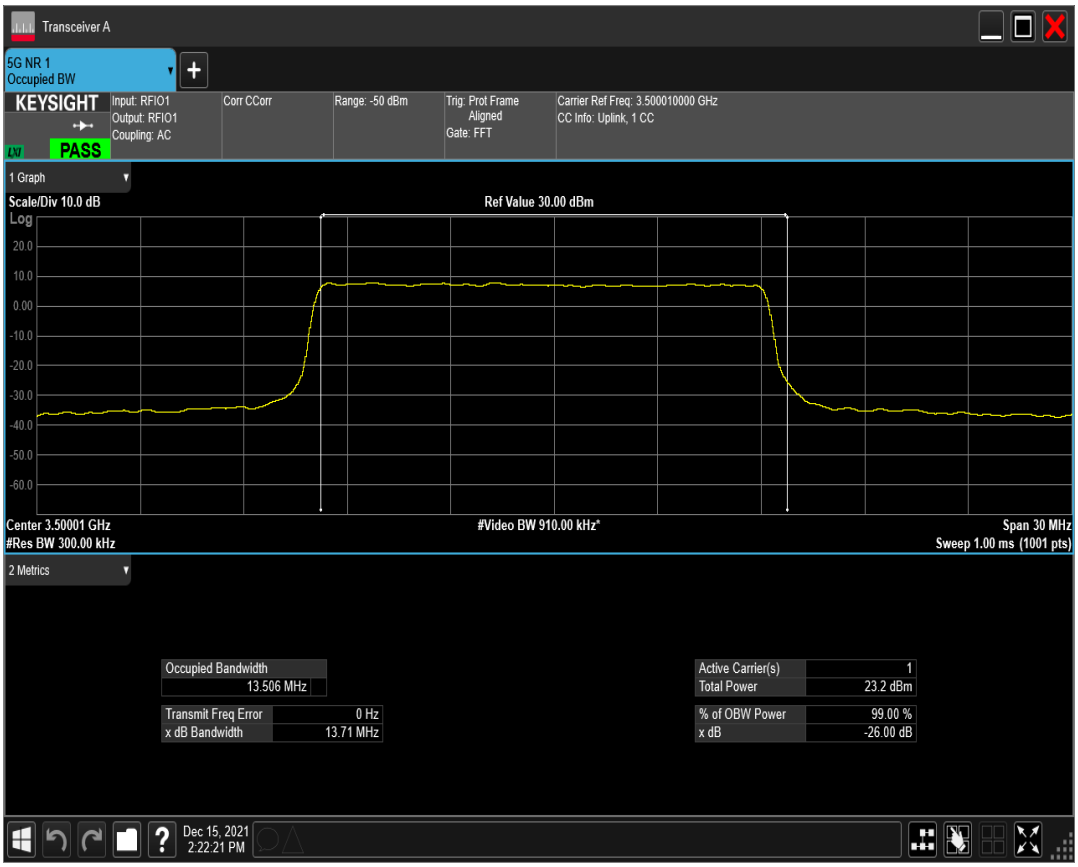
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36@0



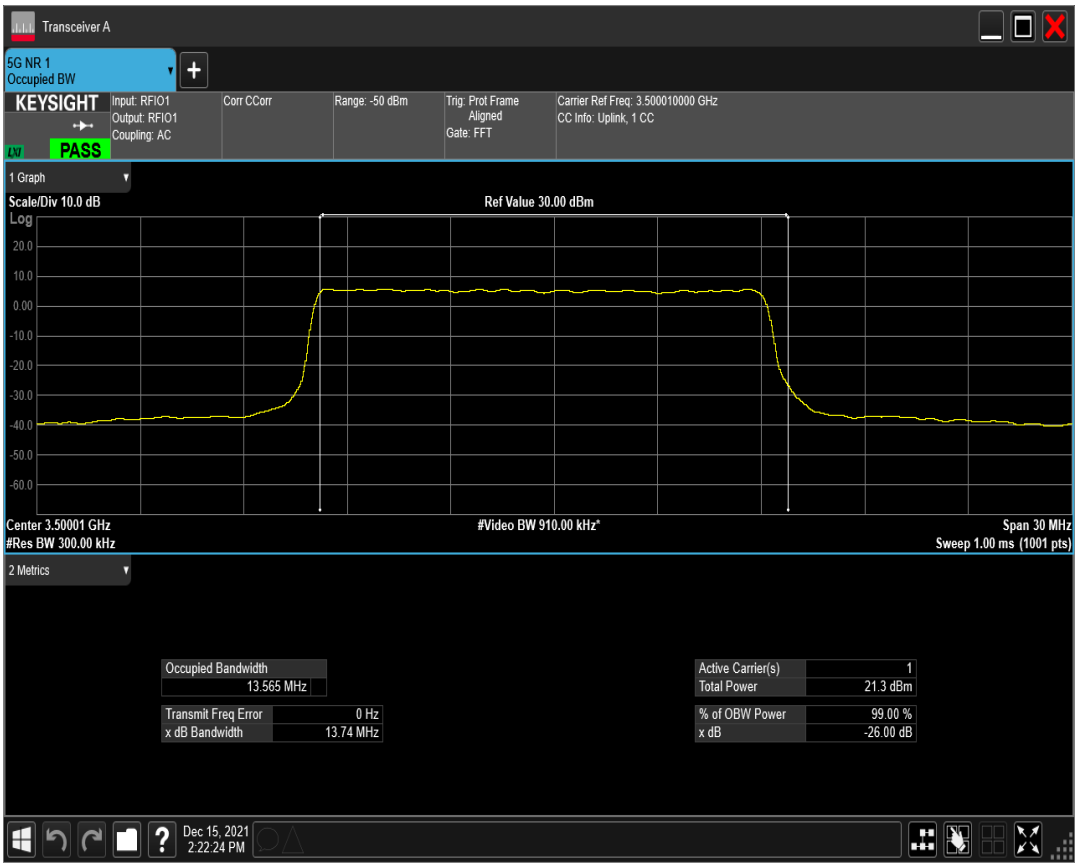
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=633334 RB=36@0



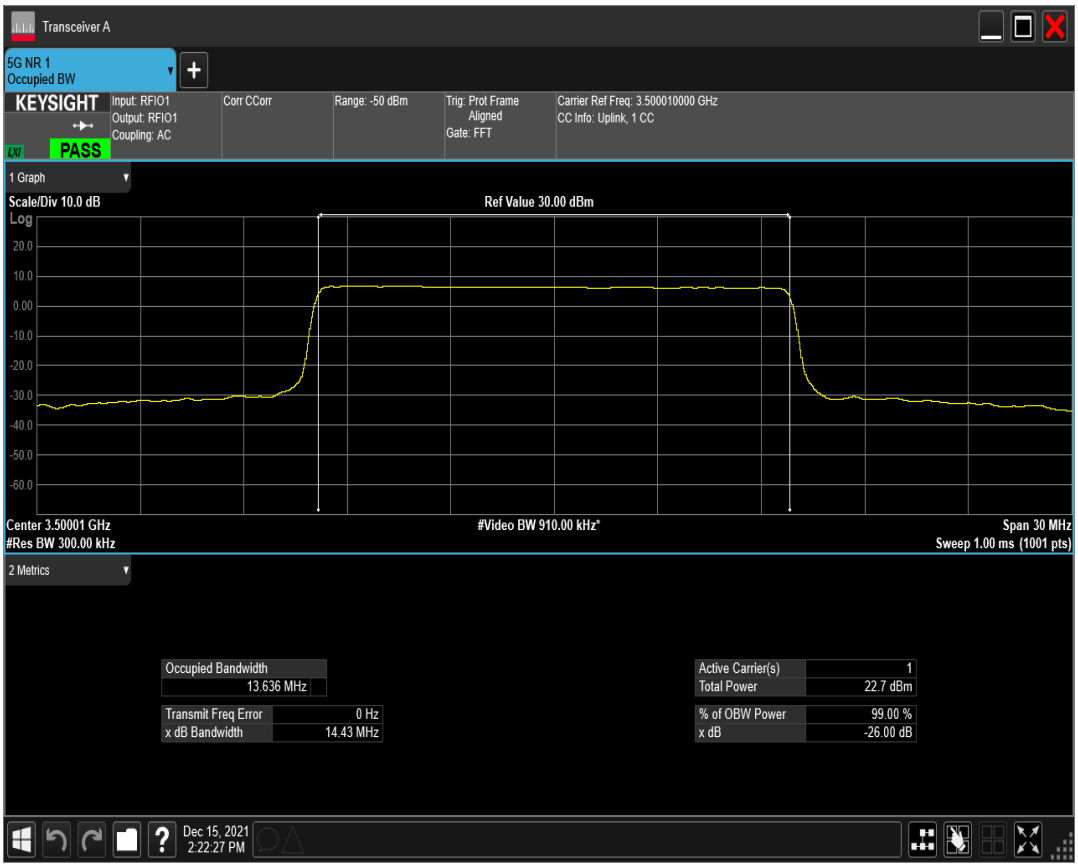
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=633334 RB=36@0



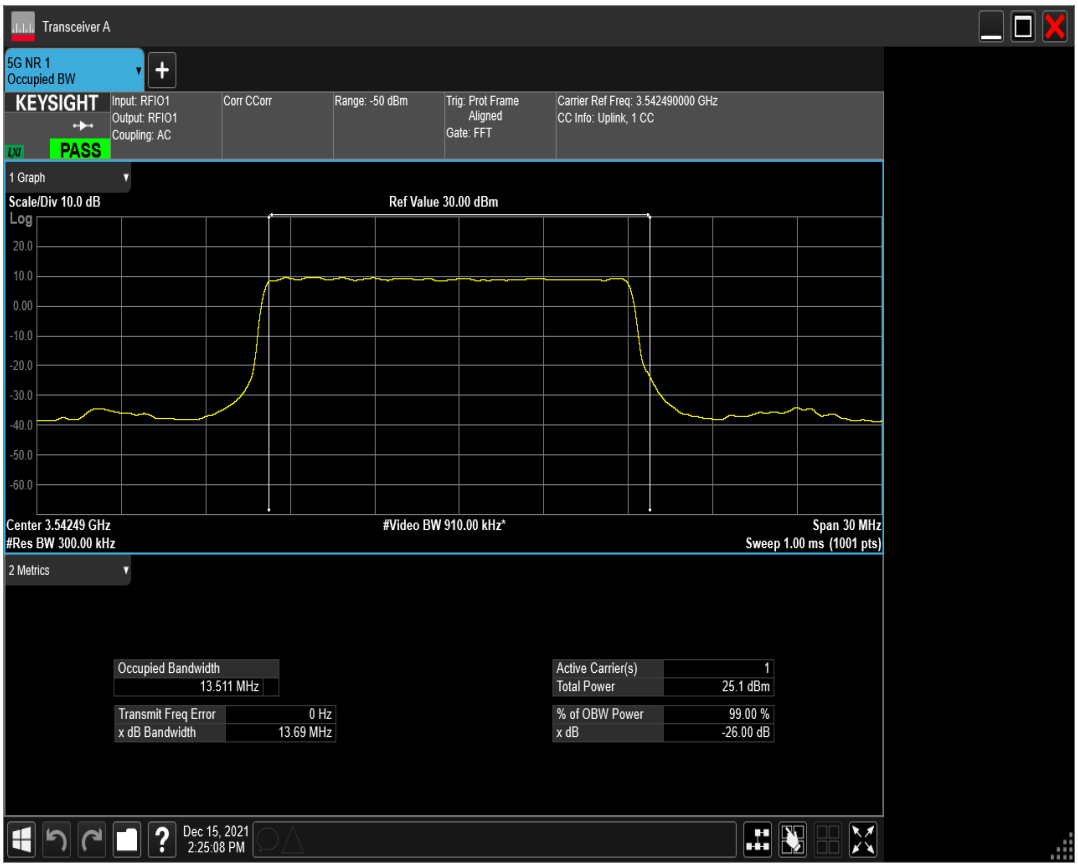
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=633334 RB=36@0



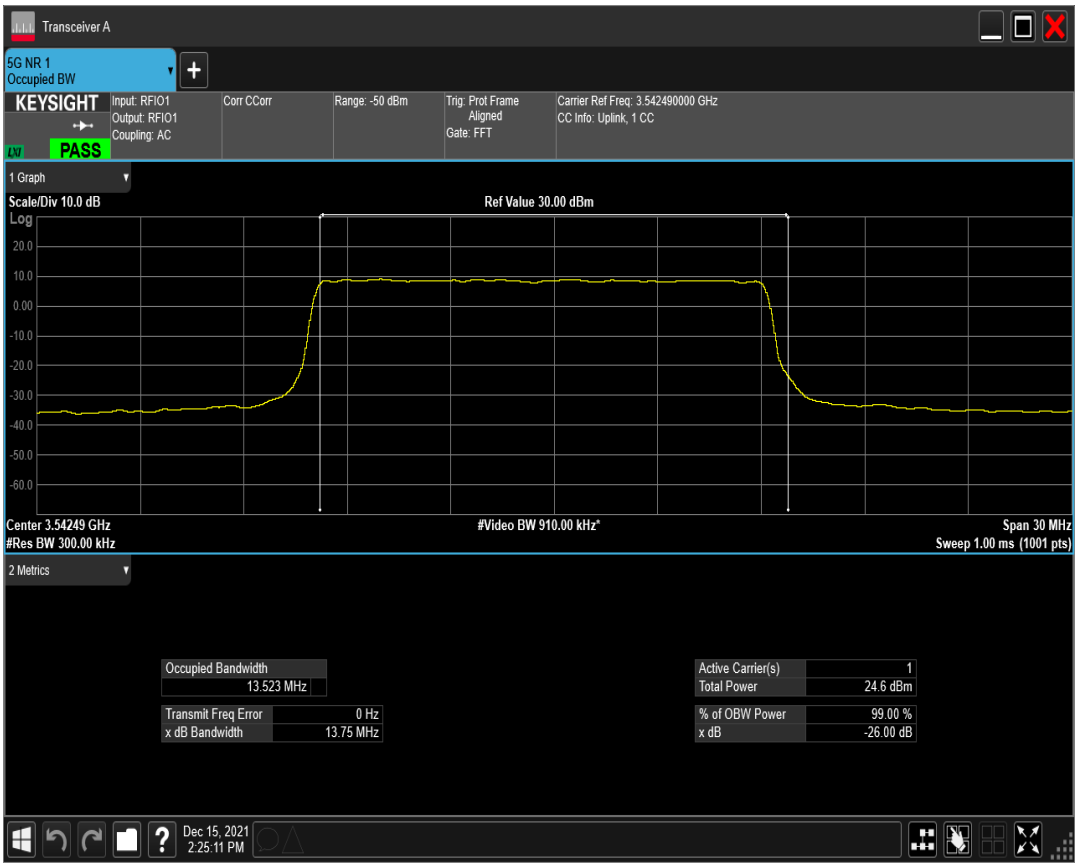
n77(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=633334 RB=38@0



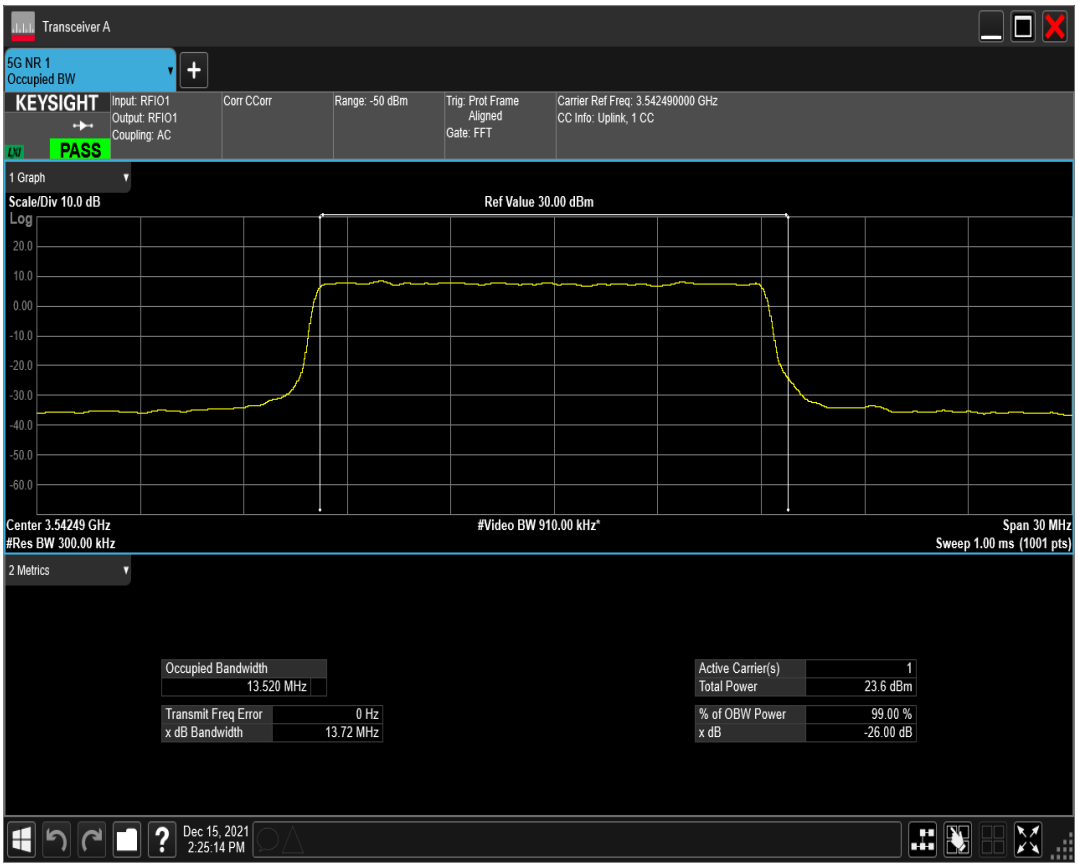
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=636166 RB=36@0



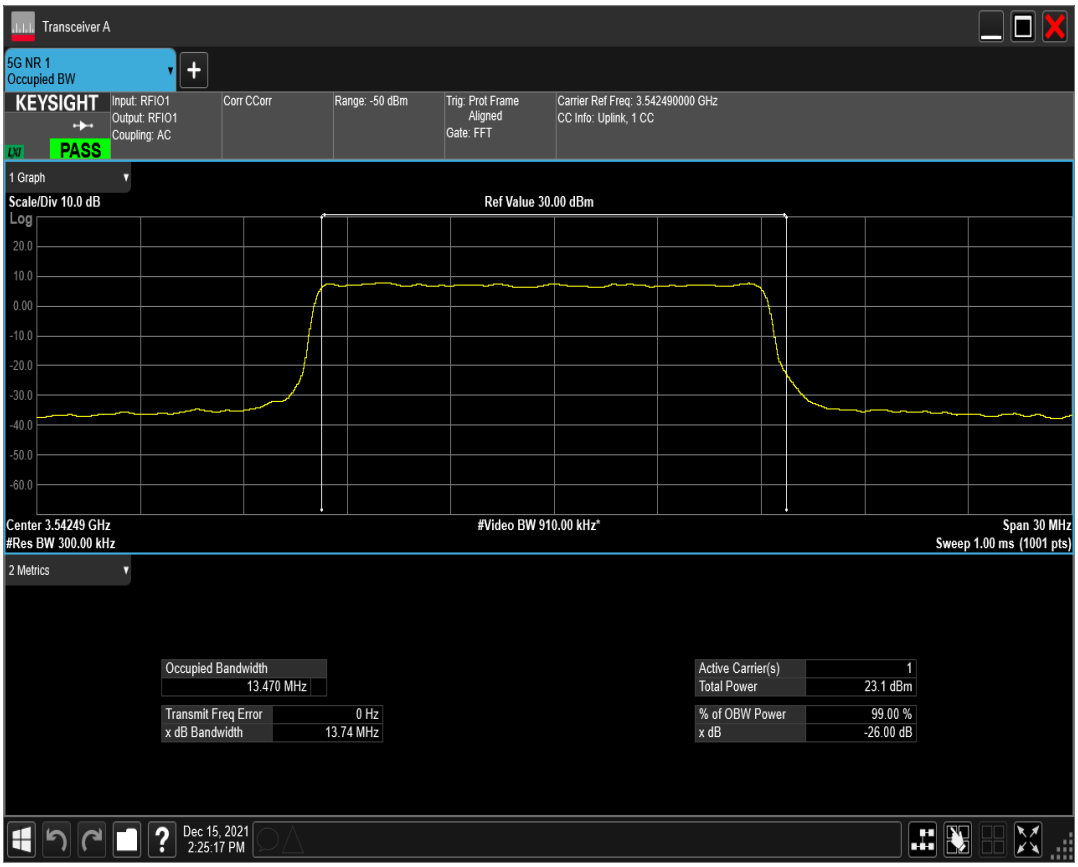
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=636166 RB=36@0



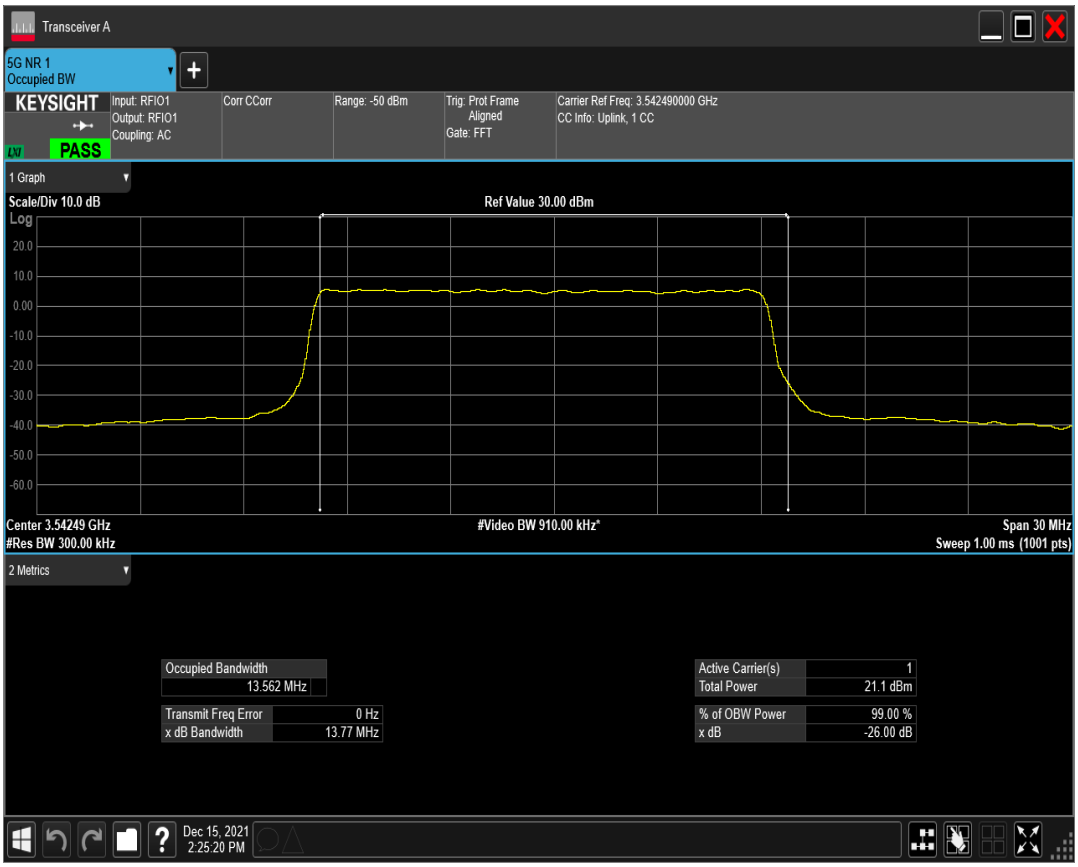
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=636166 RB=36@0



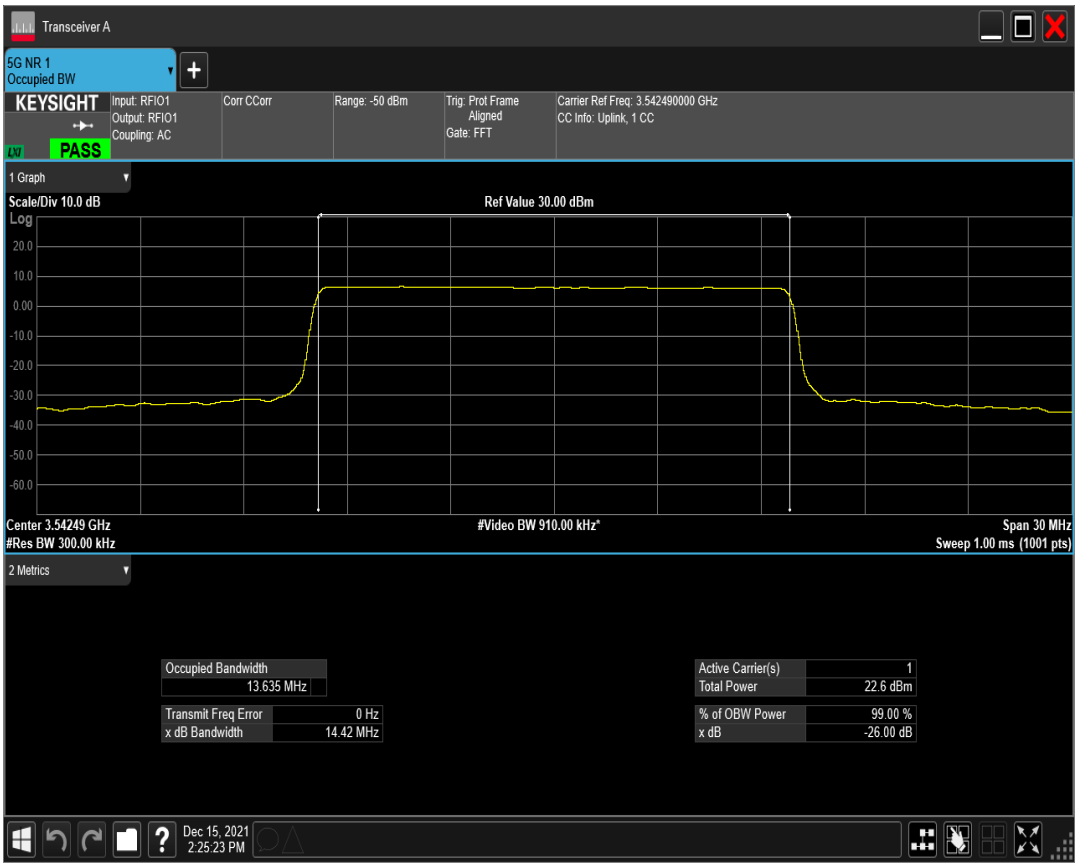
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=636166 RB=36@0



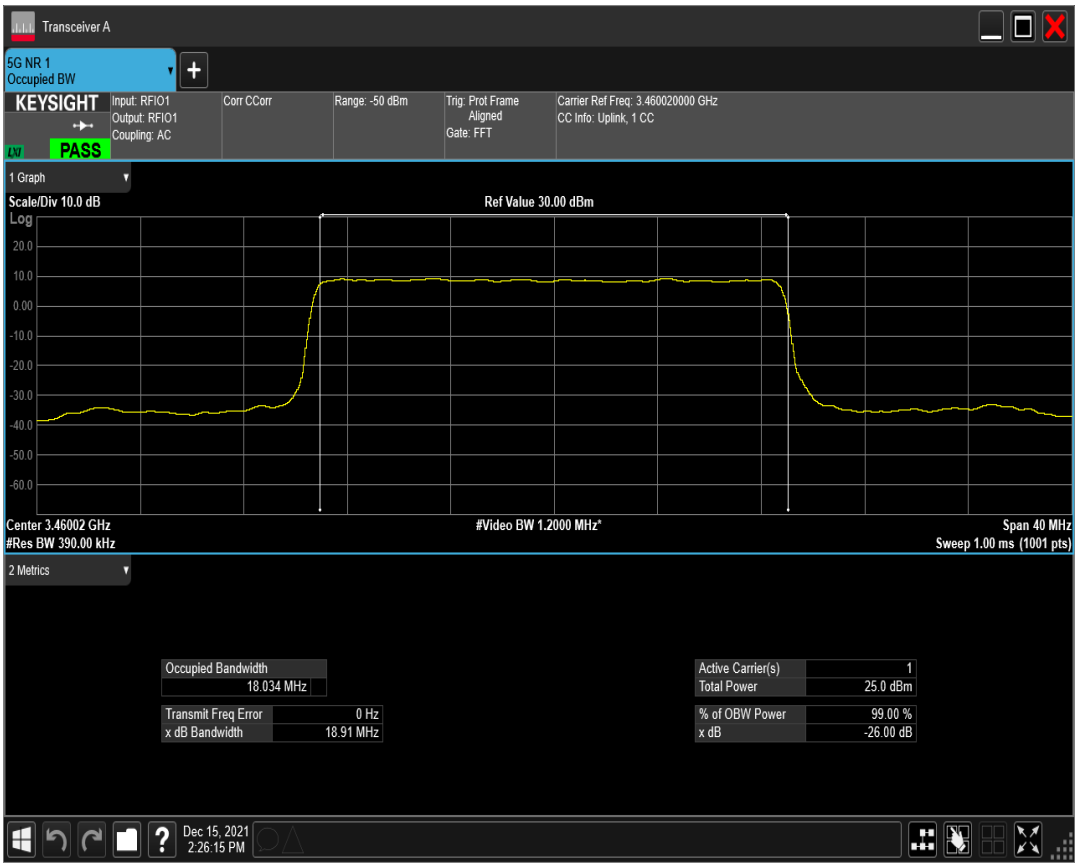
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=636166 RB=36@0



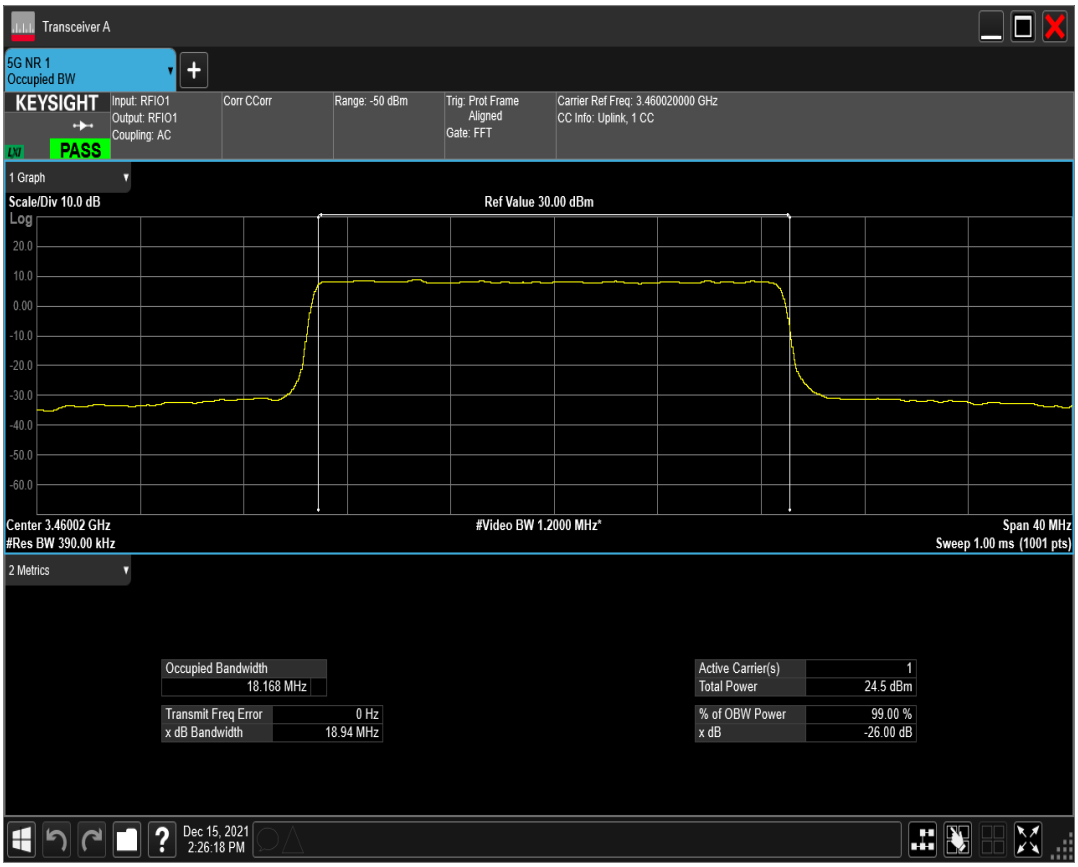
n77(3450-3550) SCS=30kHz CP_QPSK BW=15MHz Channel=636166 RB=38@0



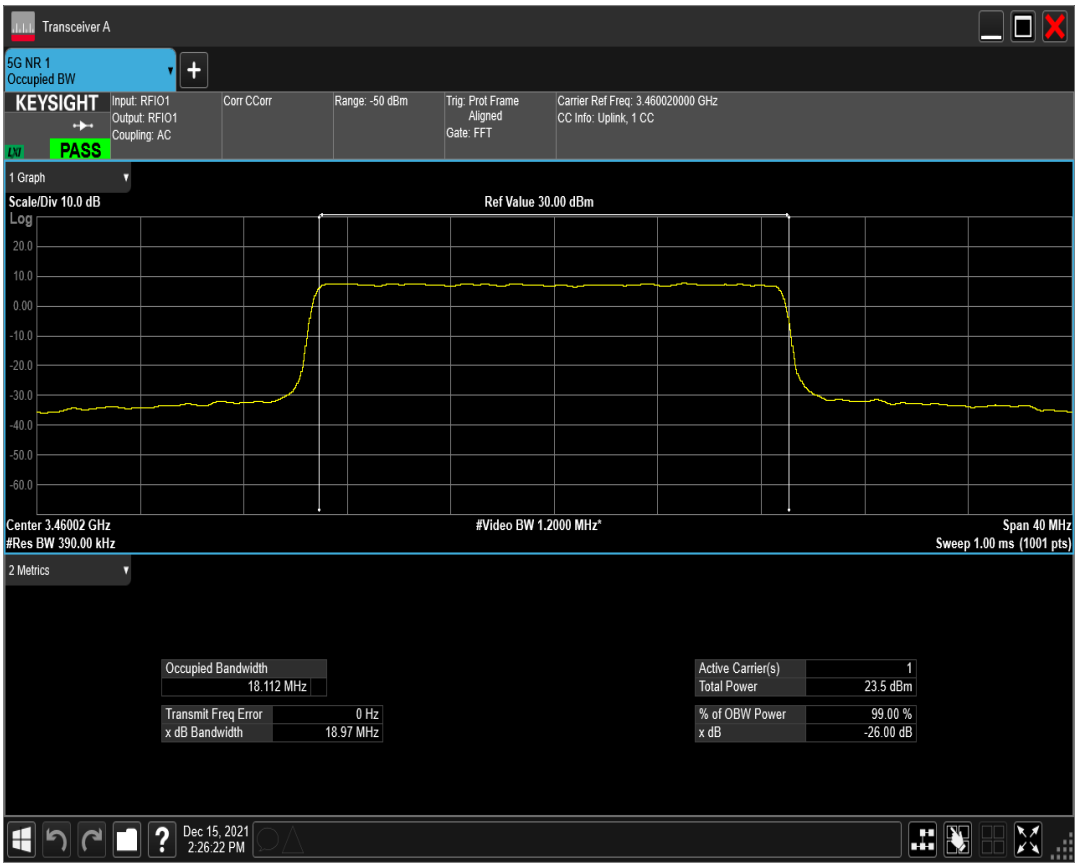
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=630668 RB=50@0



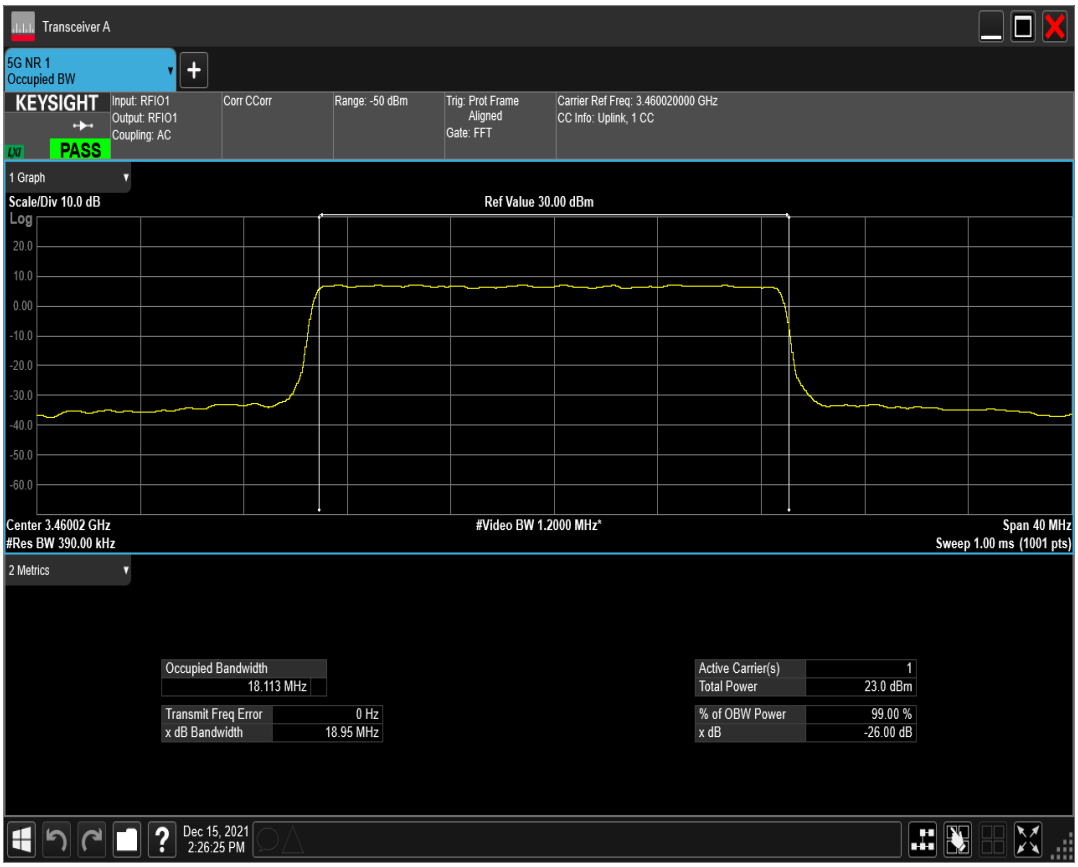
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=630668 RB=50@0



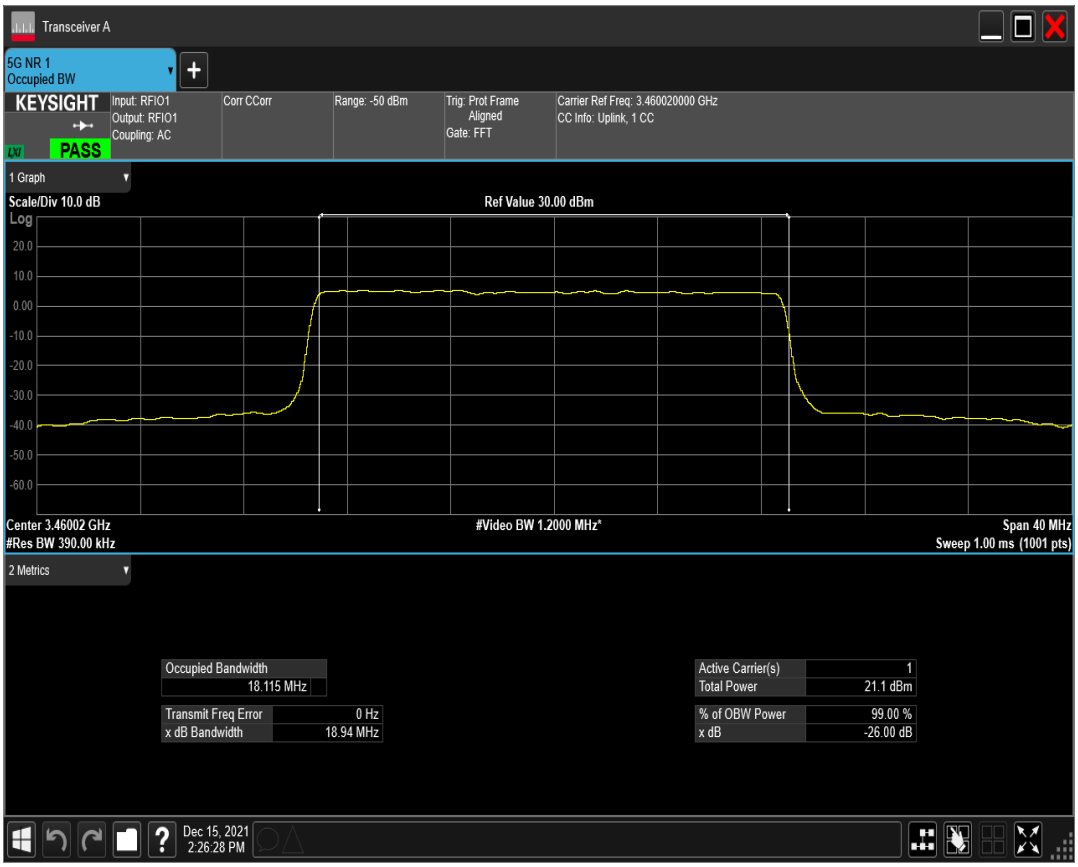
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=630668 RB=50@0



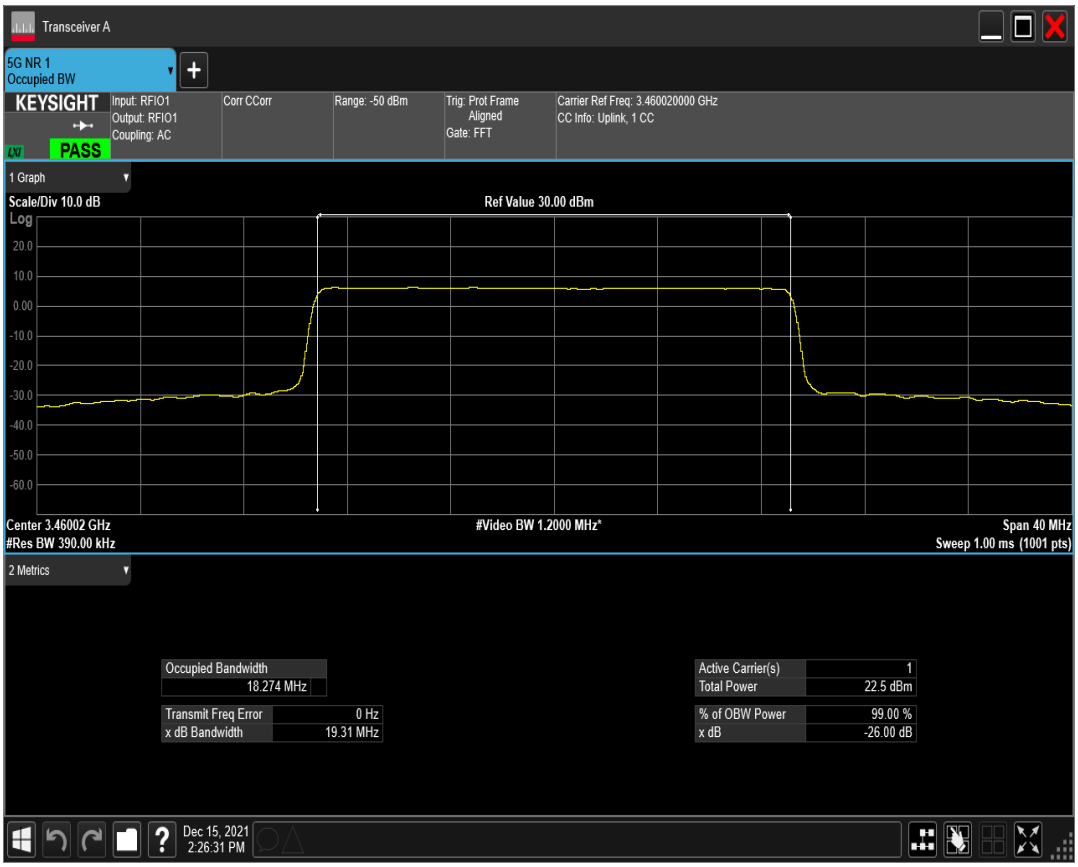
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=20MHz Channel=630668 RB=50@0



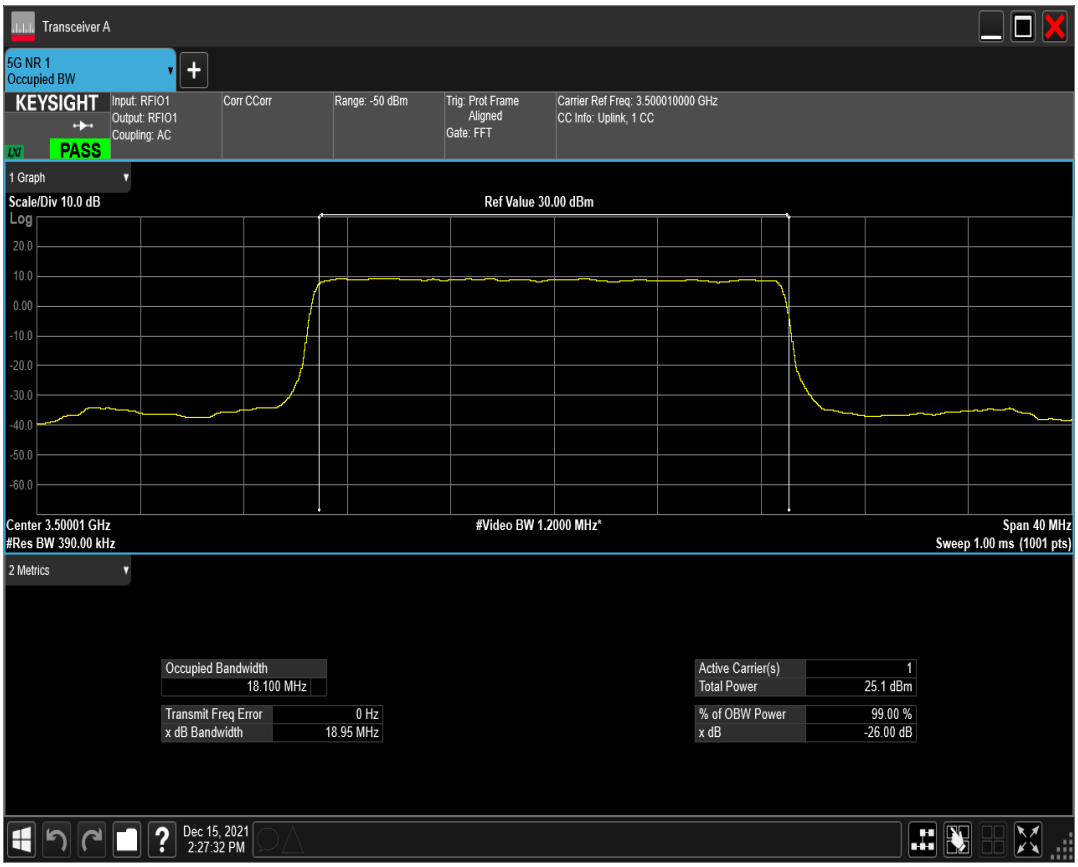
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=630668 RB=50@0



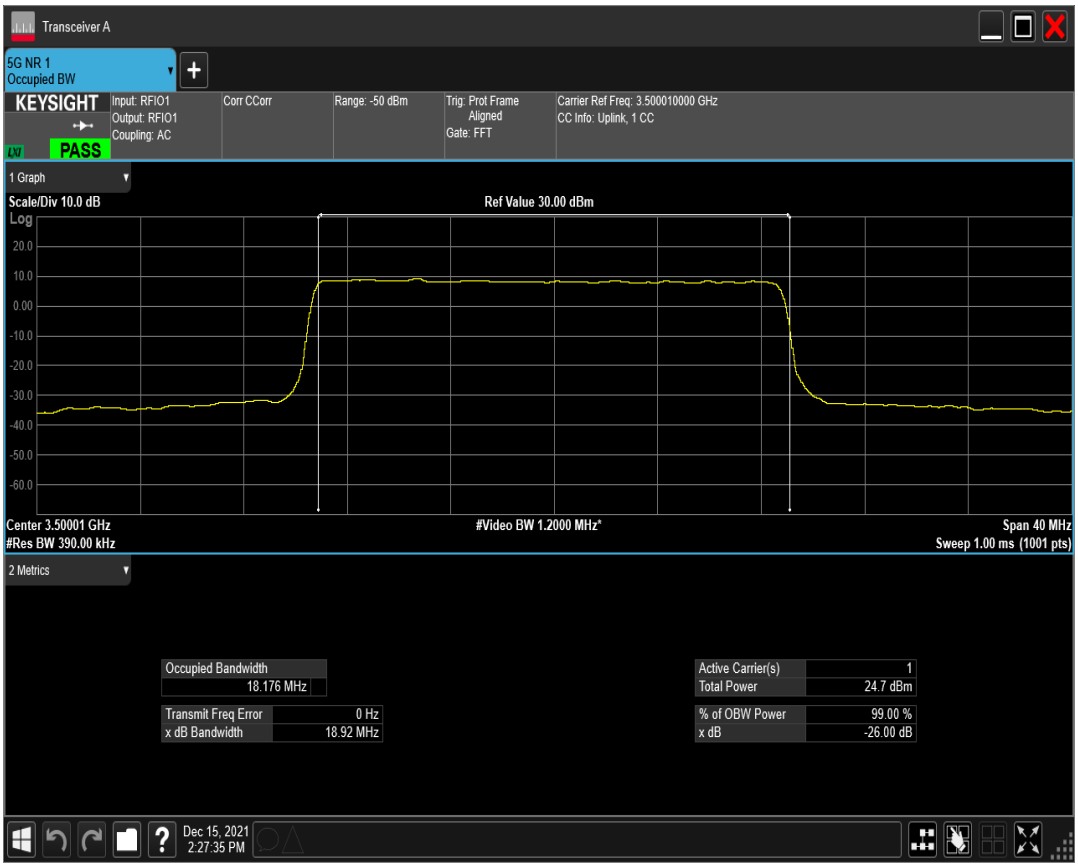
n77(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=630668 RB=51@0



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



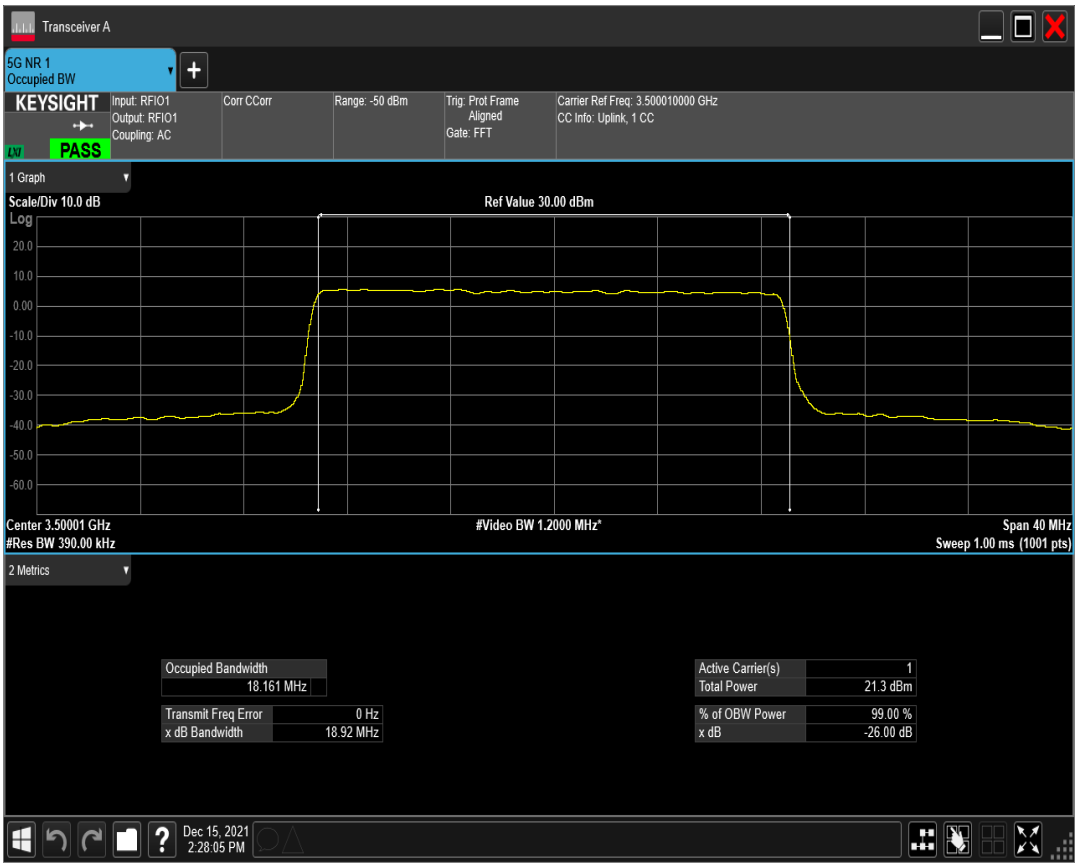
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=50@0



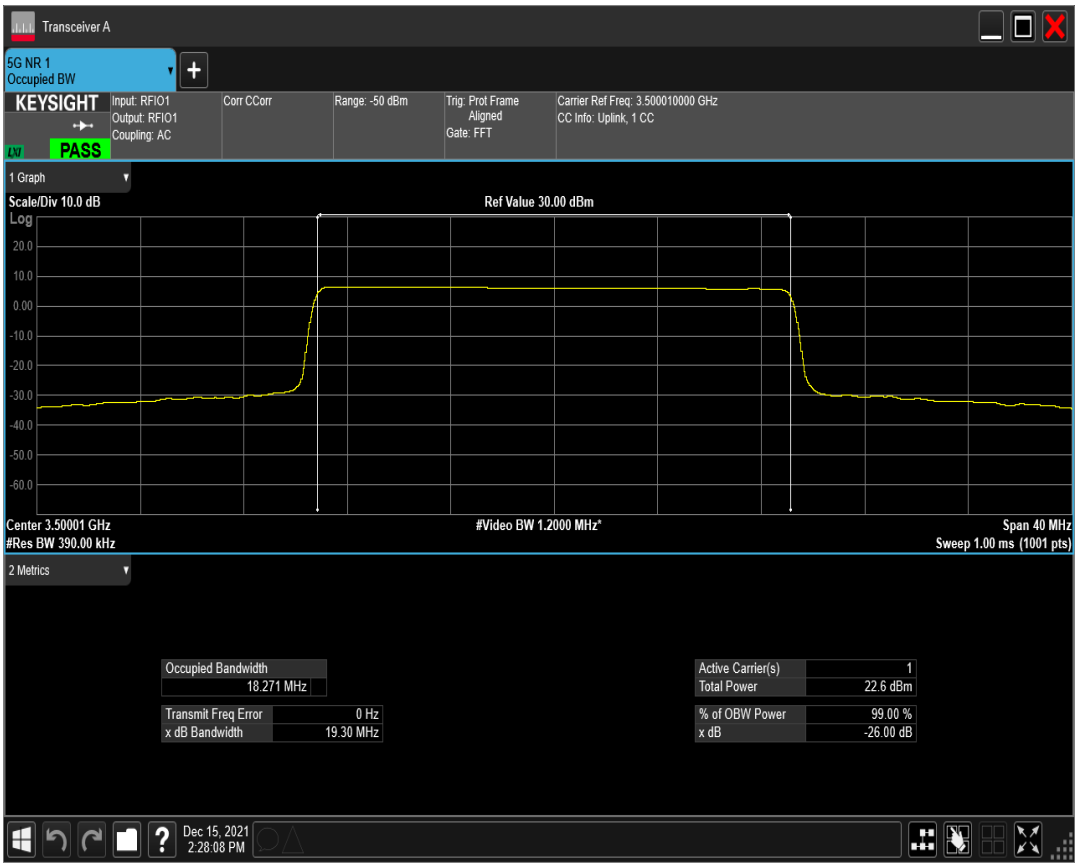
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=633334 RB=50@0

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

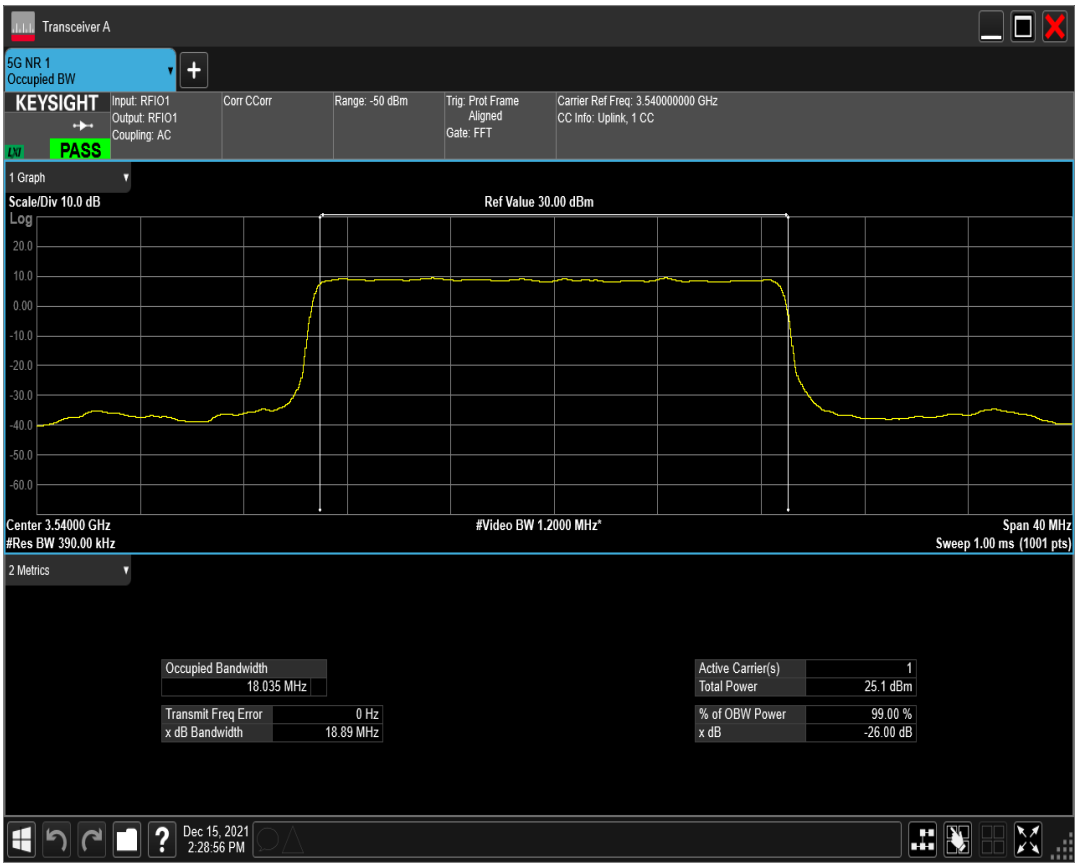
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=633334 RB=50@0



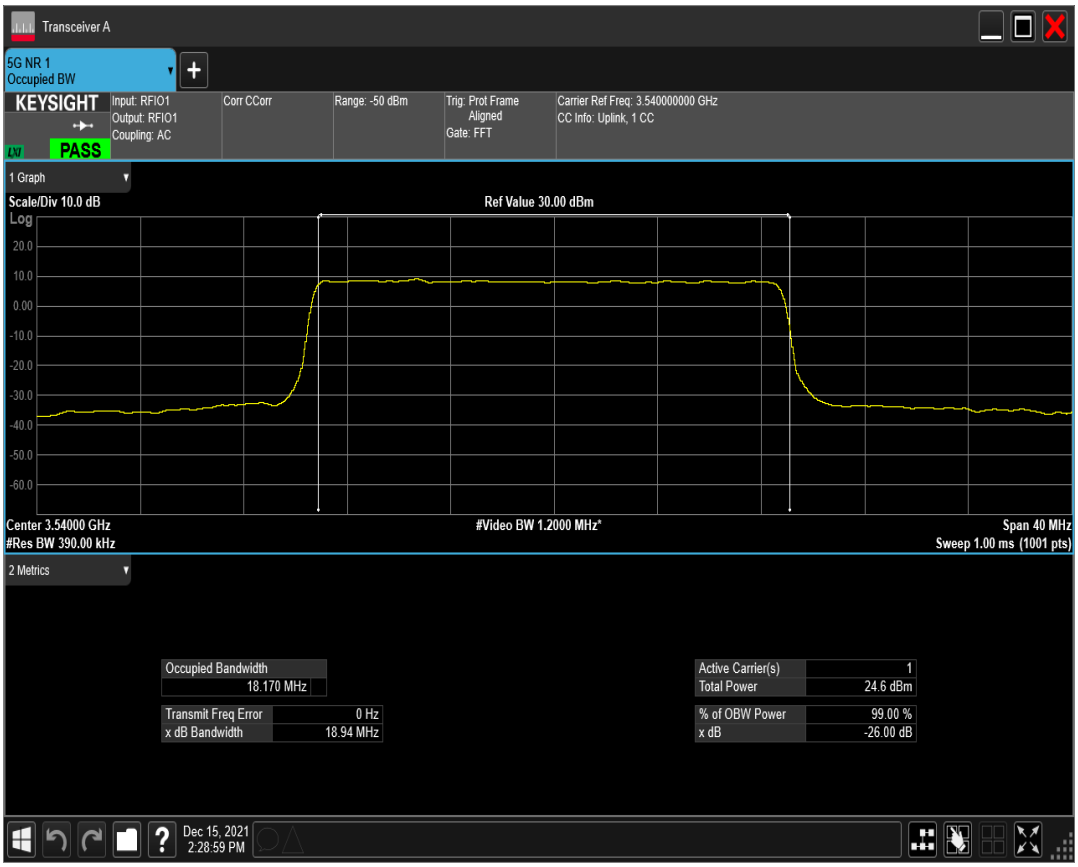
n77(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=633334 RB=51@0



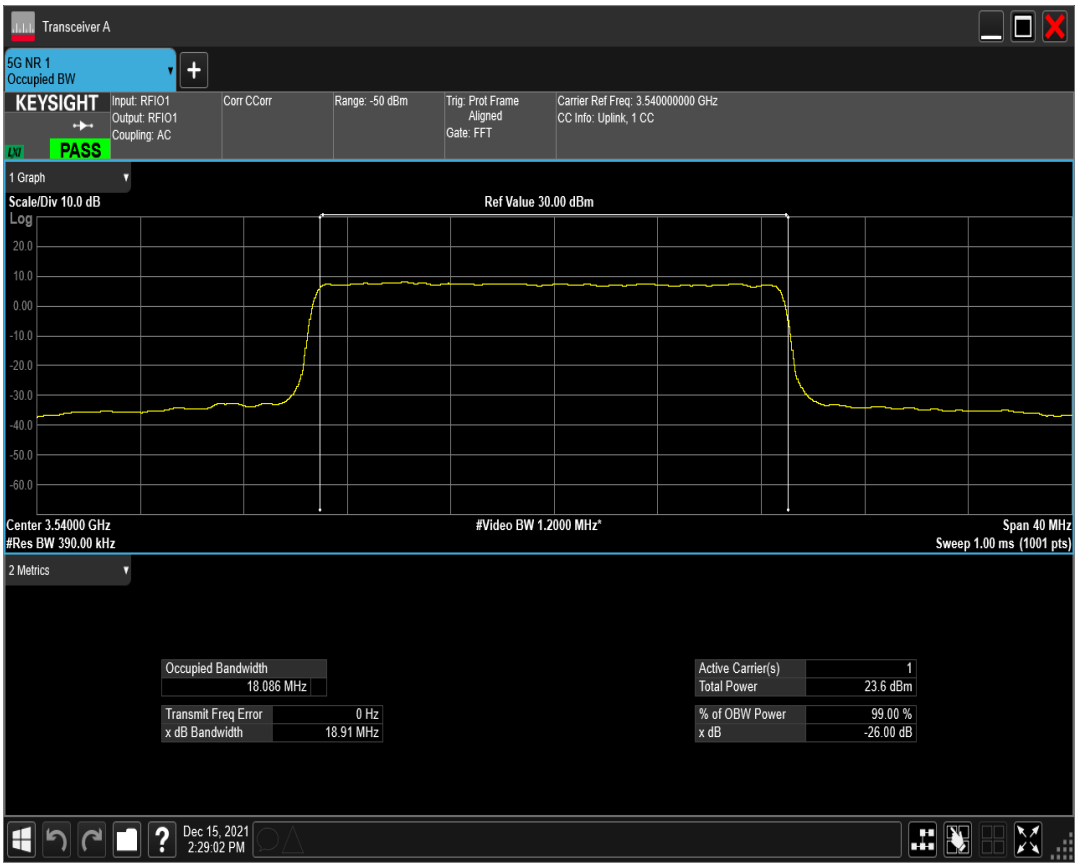
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=636000 RB=50@0



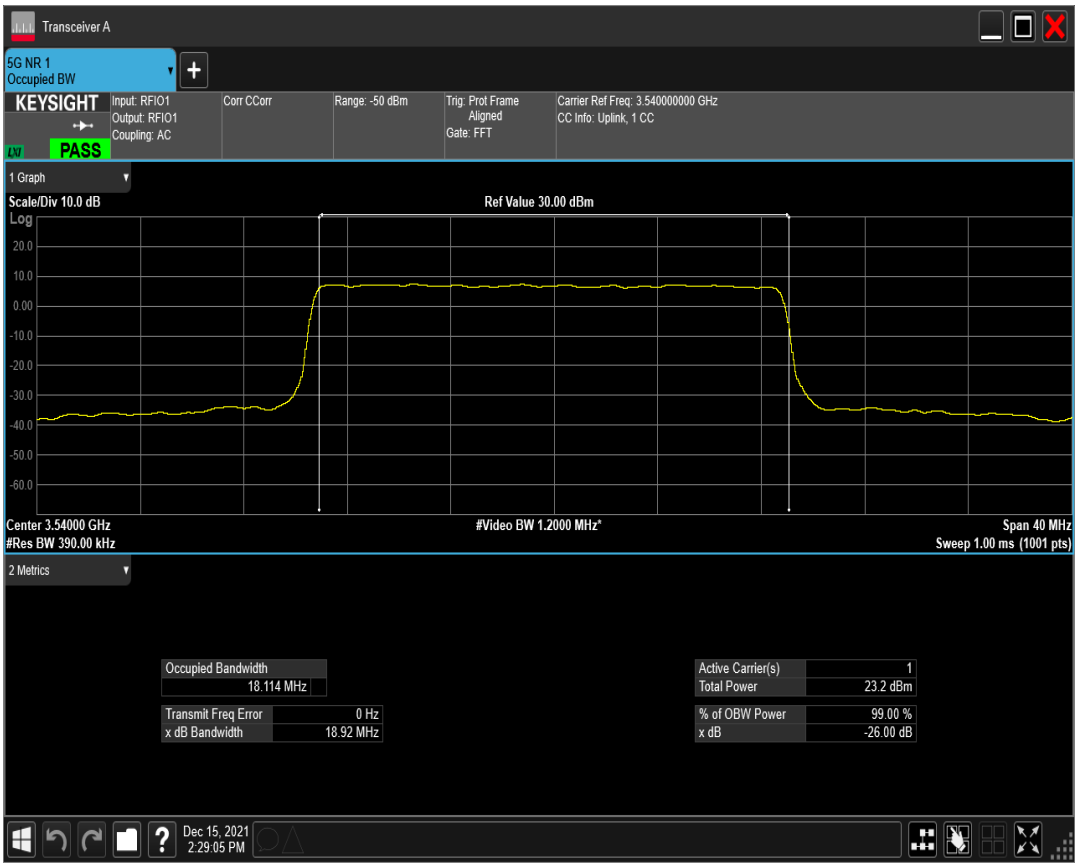
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=636000 RB=50@0



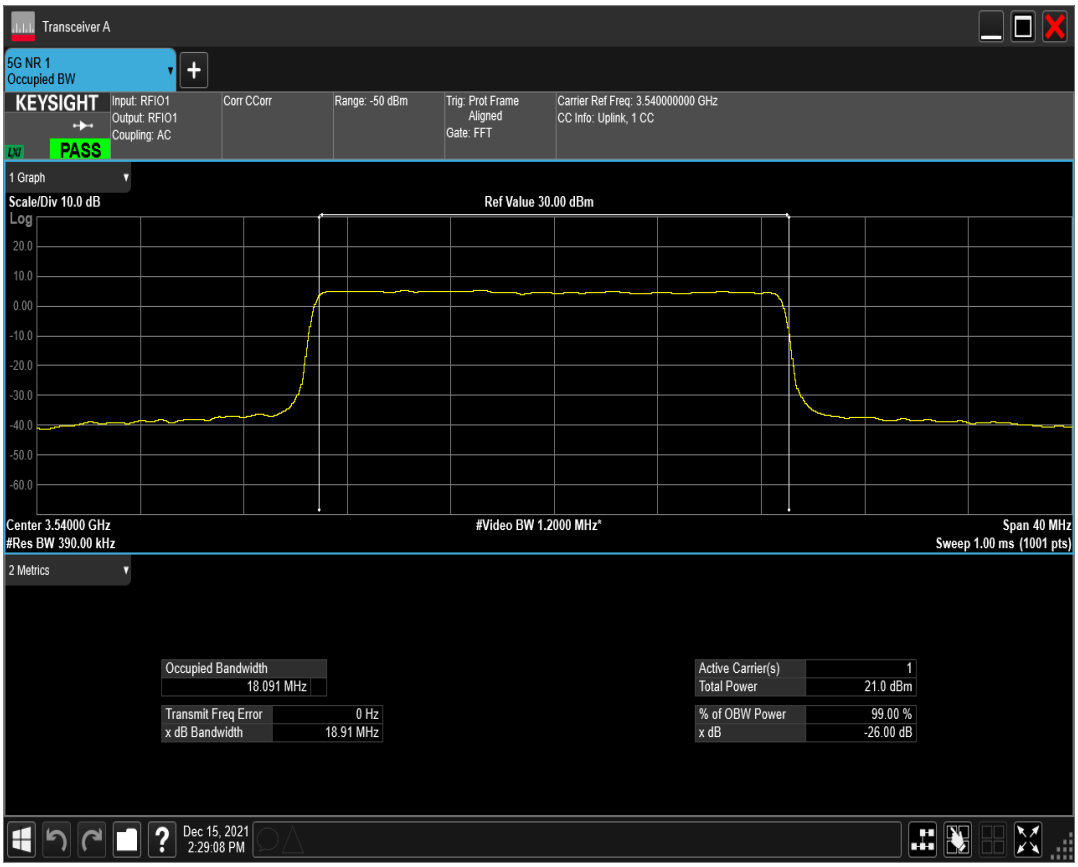
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=636000 RB=50@0



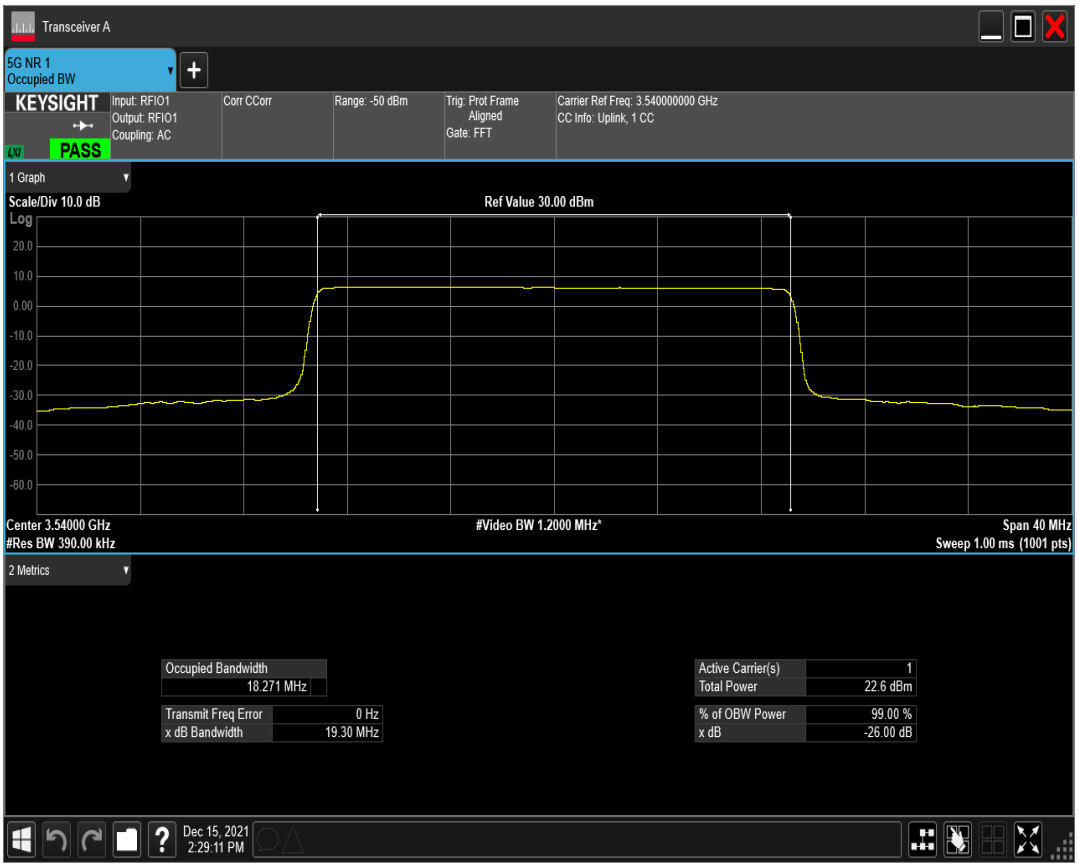
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=20MHz Channel=636000 RB=50@0



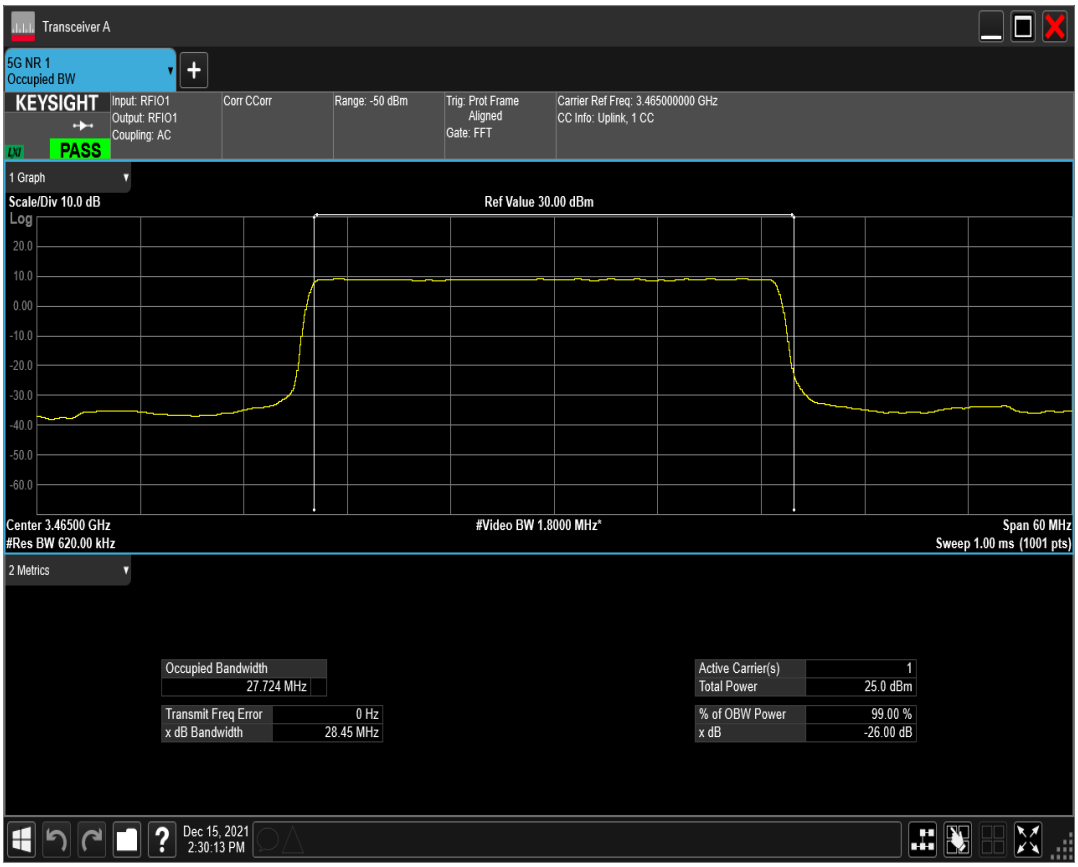
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=636000 RB=50@0



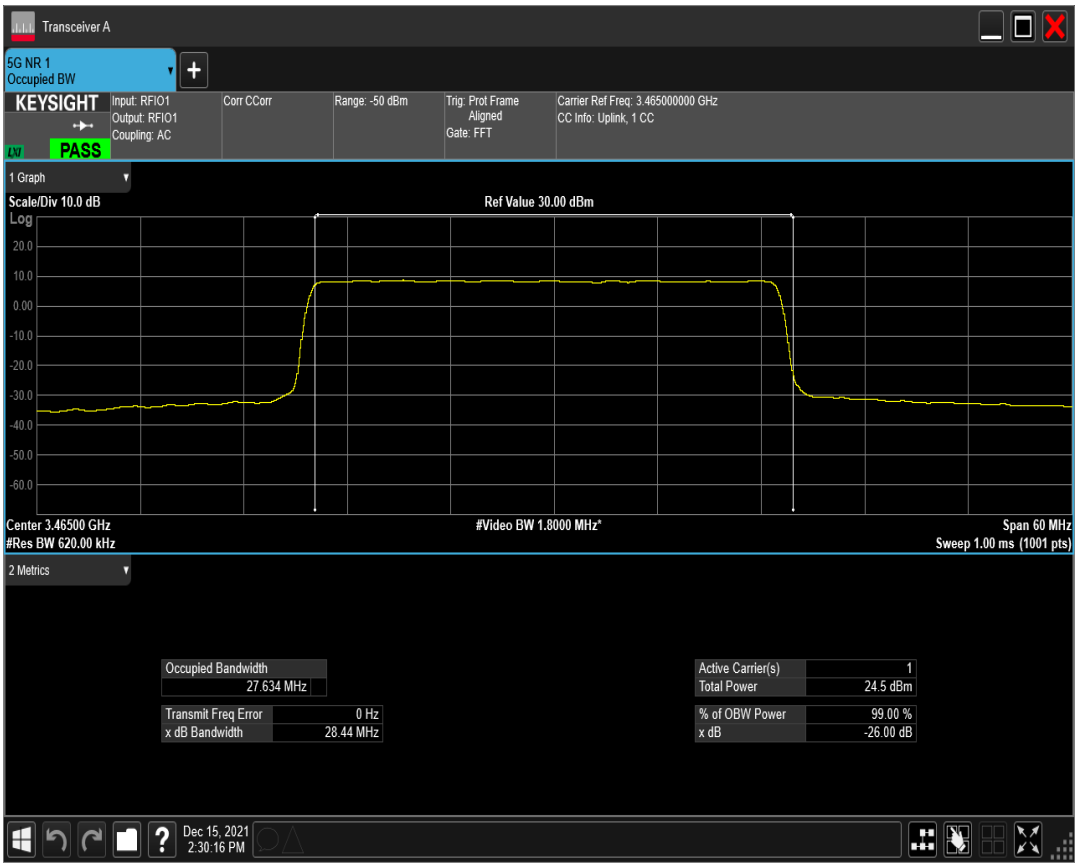
n77(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=636000 RB=51@0



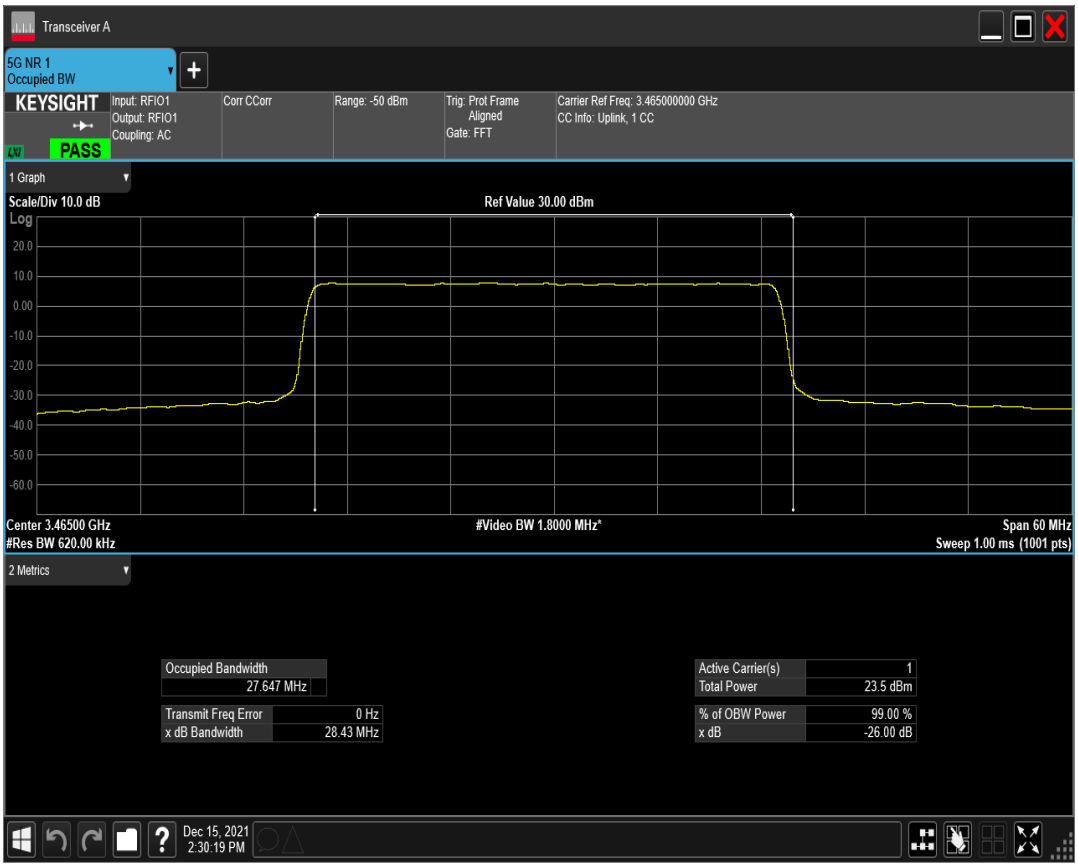
n77(3450-3550) SCS=30kHz DFT_BPSK BW=30MHz Channel=631000 RB=75@0



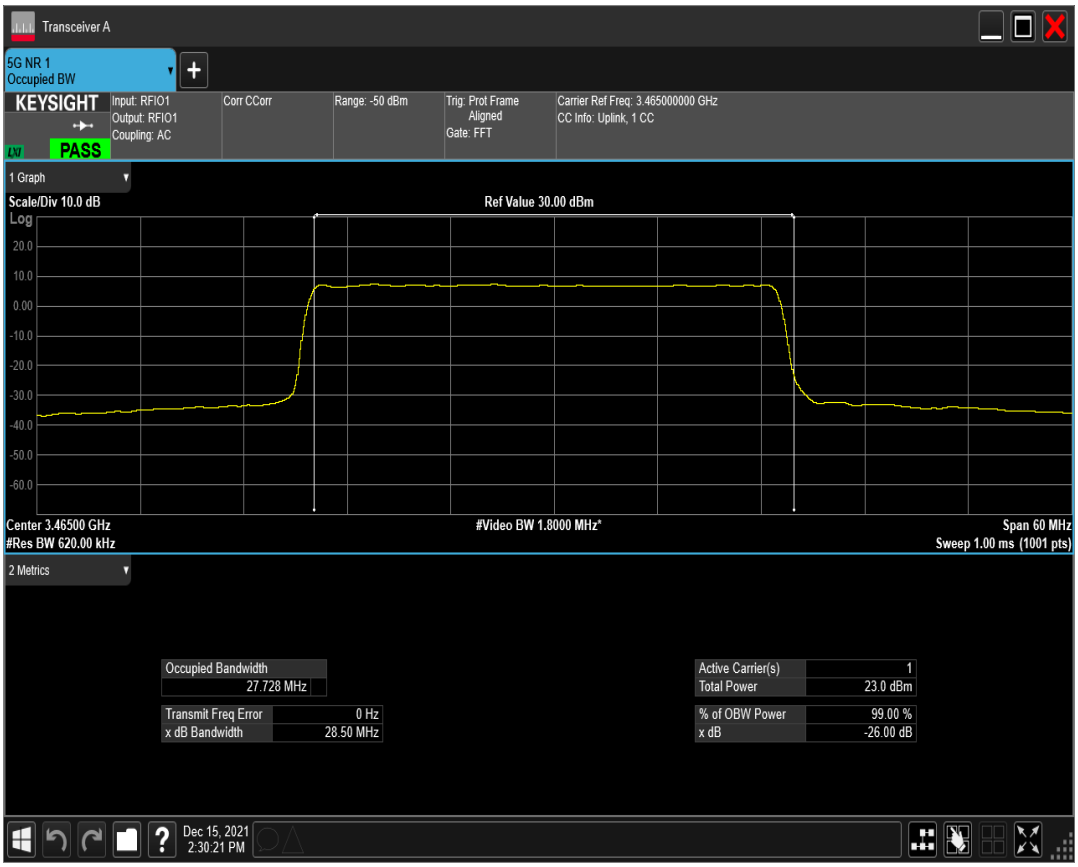
n77(3450-3550) SCS=30kHz DFT_QPSK BW=30MHz Channel=631000 RB=75@0



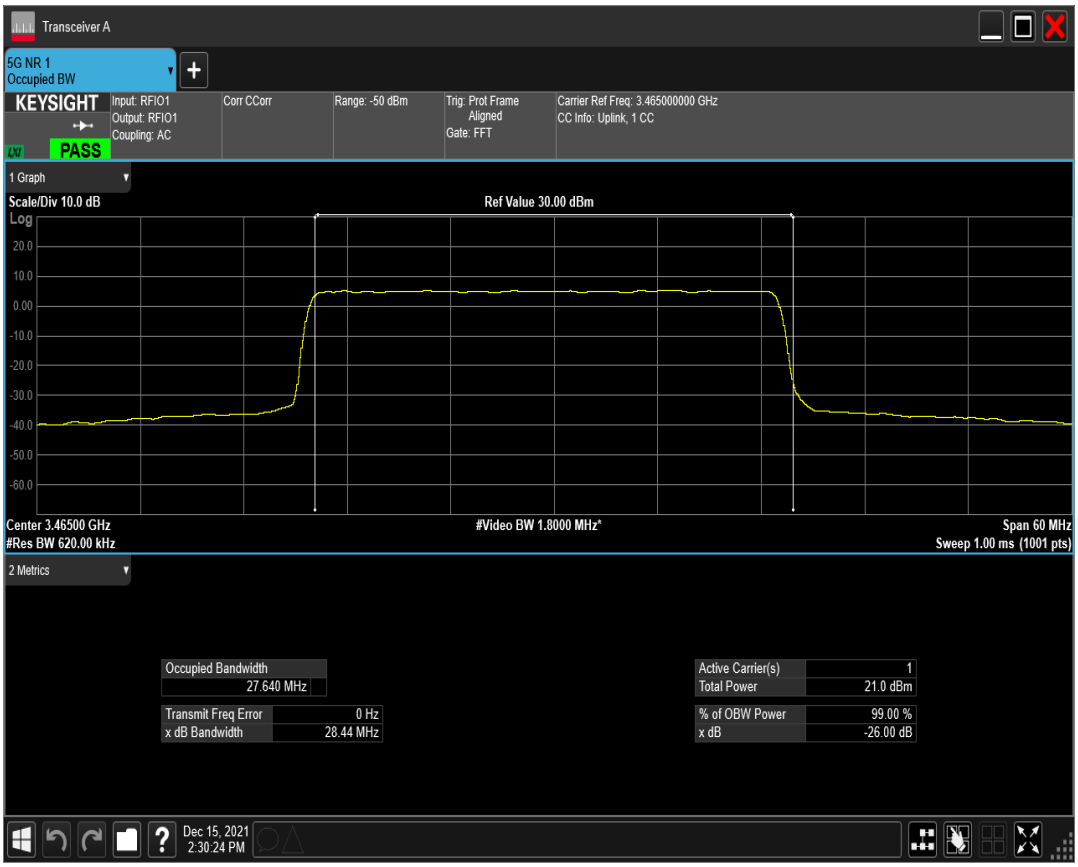
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=30MHz Channel=631000 RB=75@0



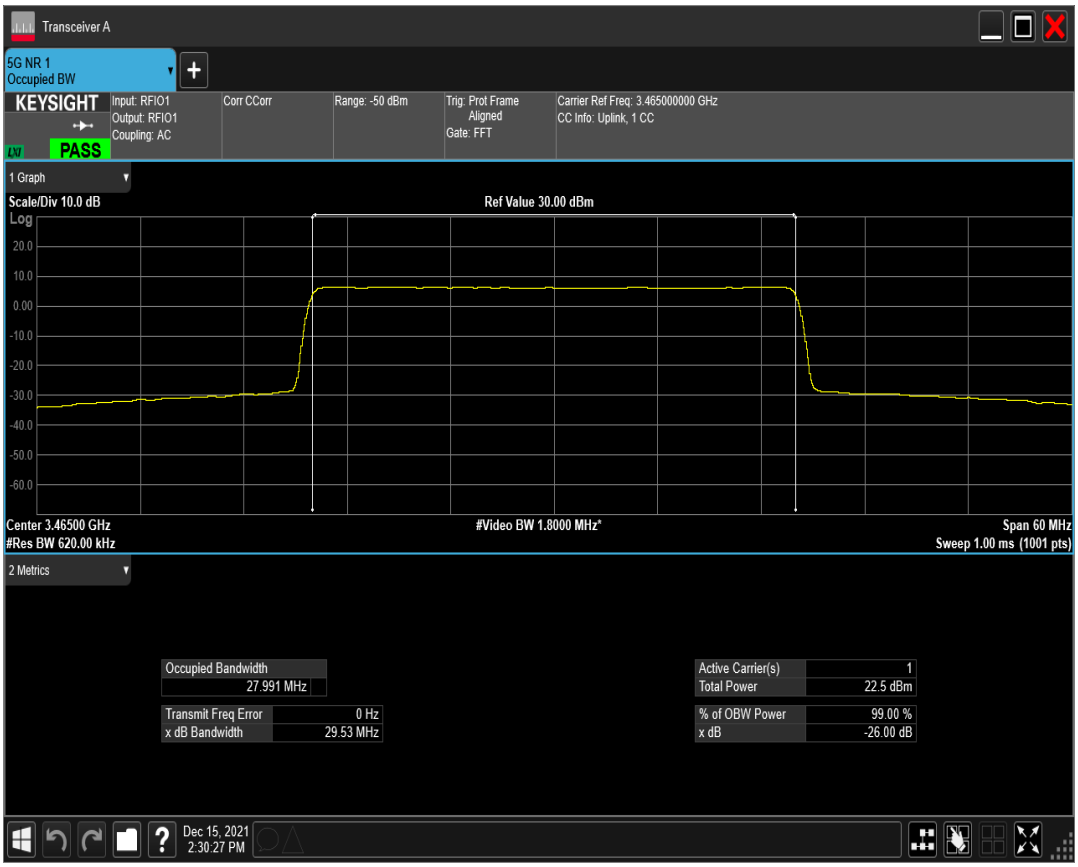
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=30MHz Channel=631000 RB=75@0



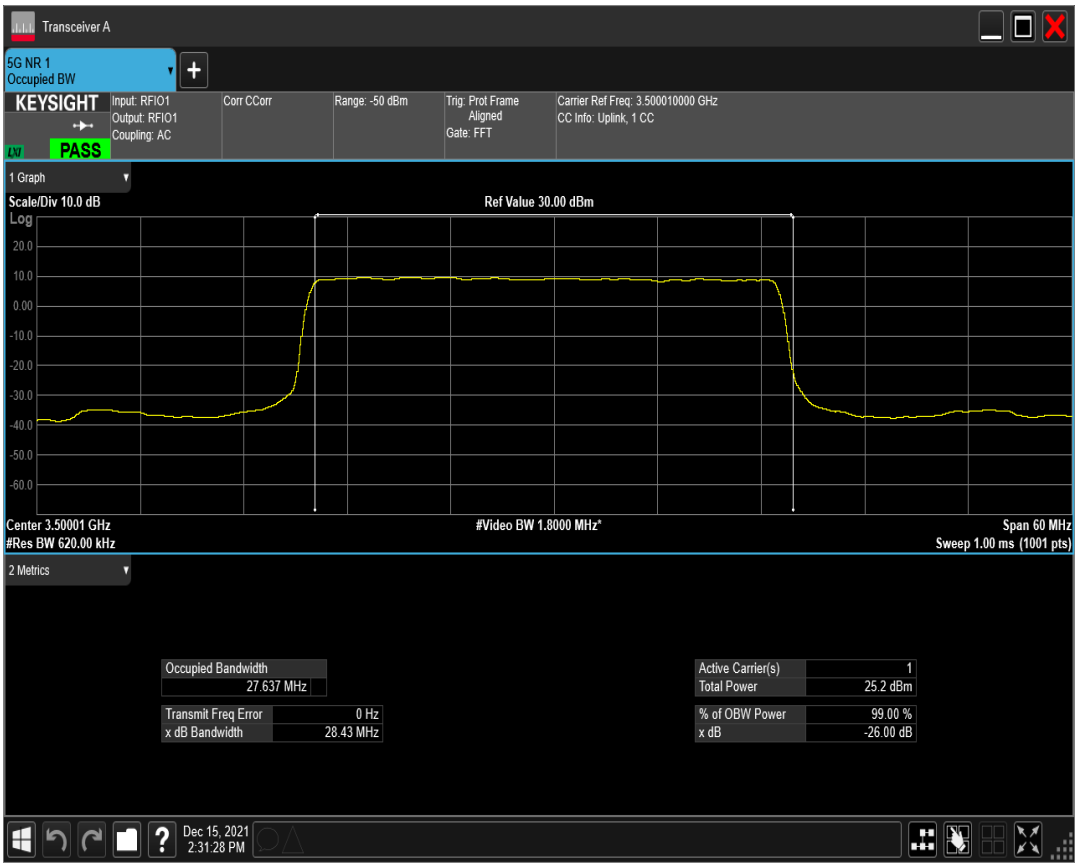
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=30MHz Channel=631000 RB=75@0



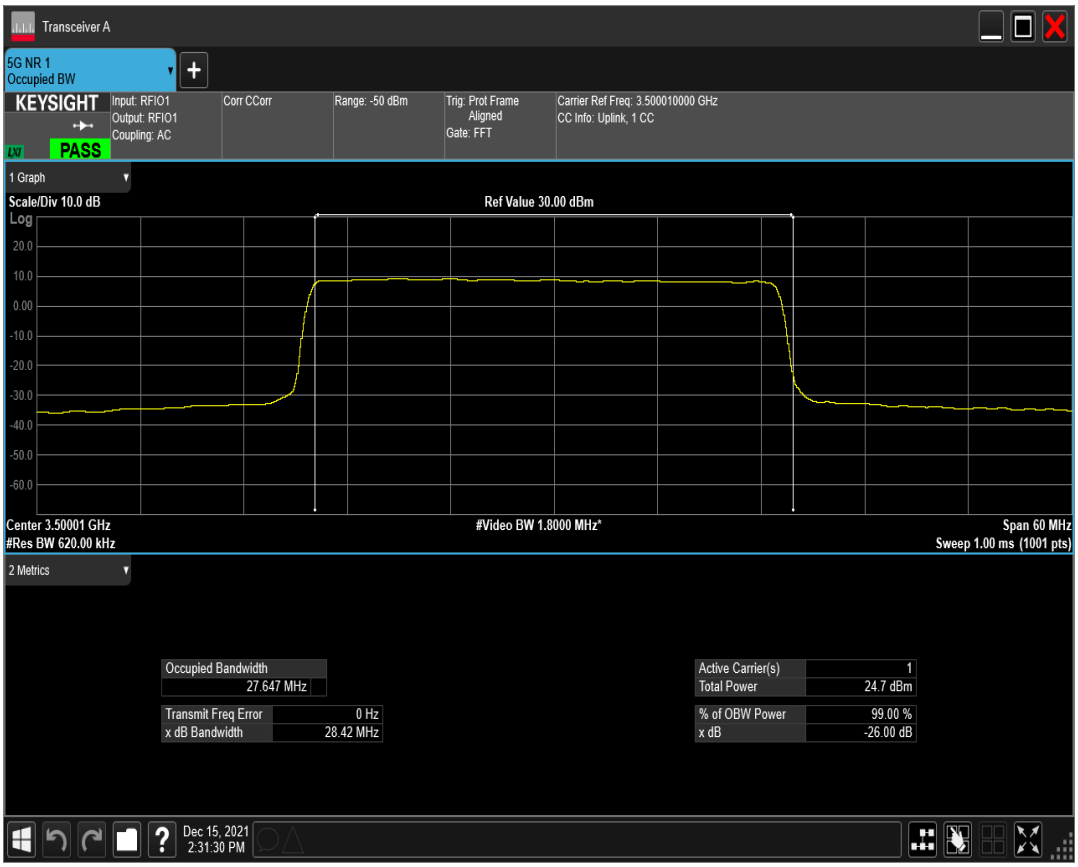
n77(3450-3550) SCS=30kHz CP_QPSK BW=30MHz Channel=631000 RB=78@0



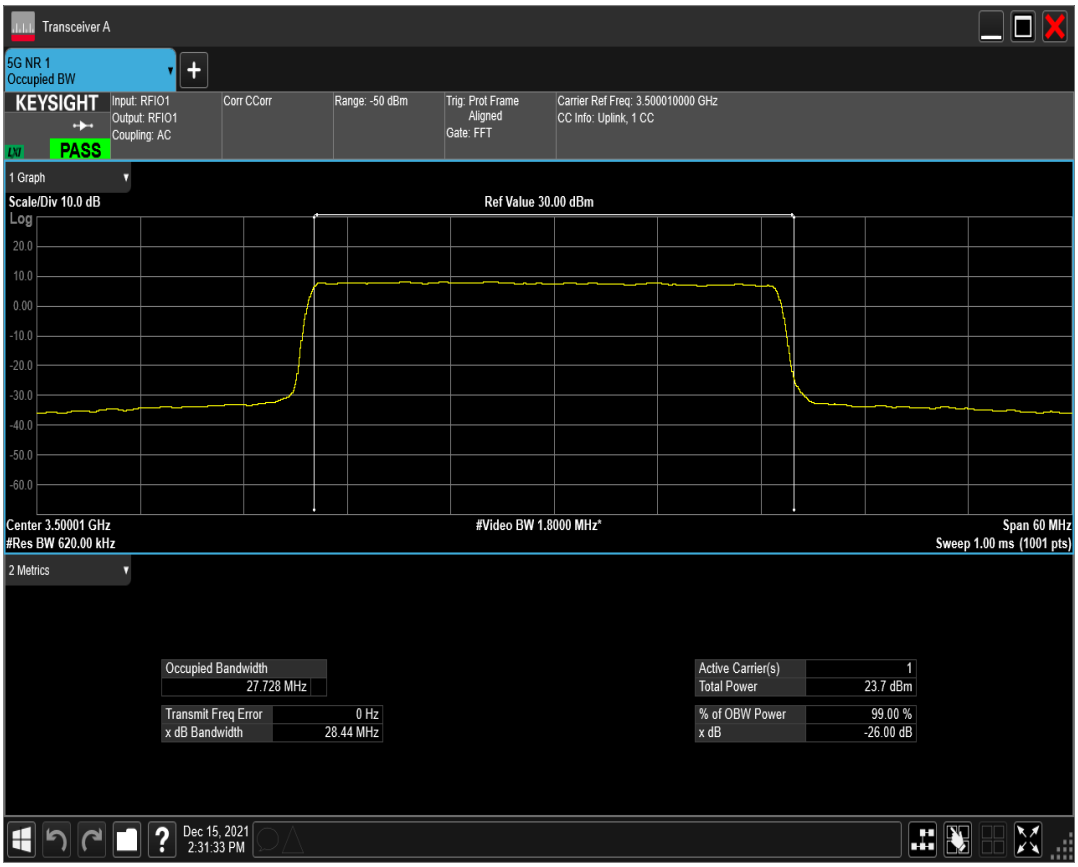
n77(3450-3550) SCS=30kHz DFT_BPSK BW=30MHz Channel=633334 RB=75@0



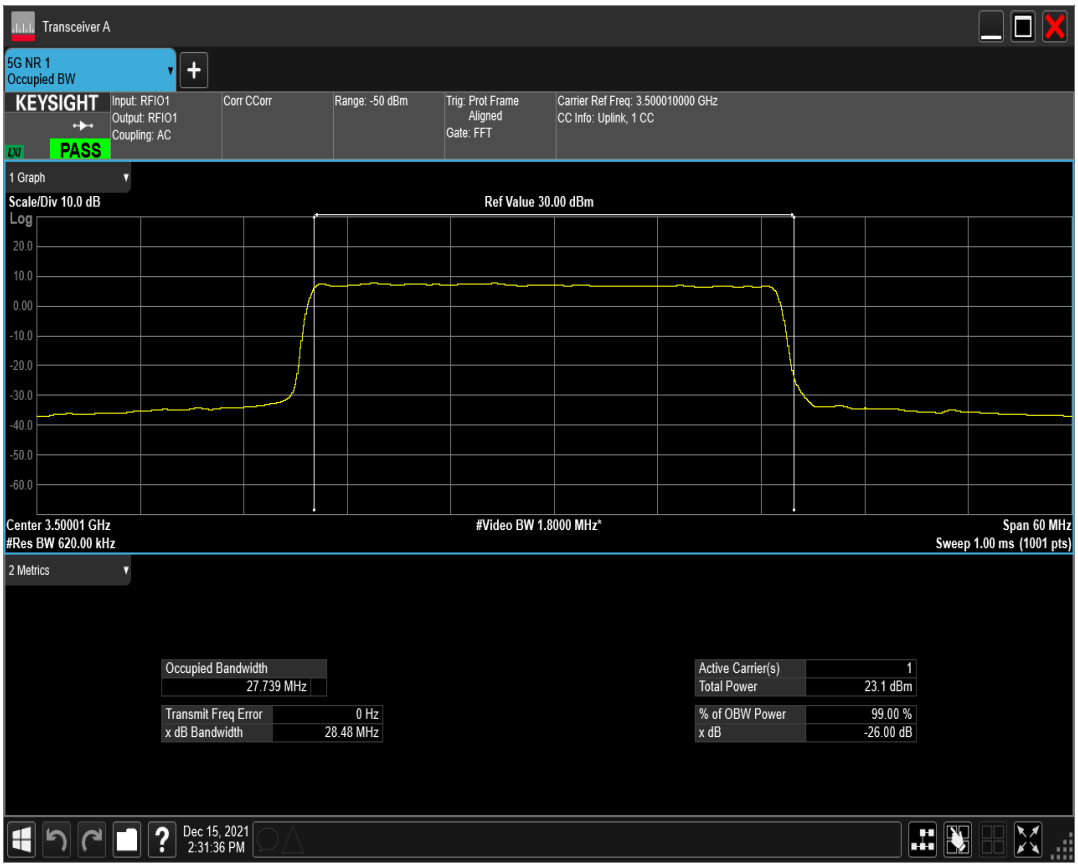
n77(3450-3550) SCS=30kHz DFT_QPSK BW=30MHz Channel=633334 RB=75@0



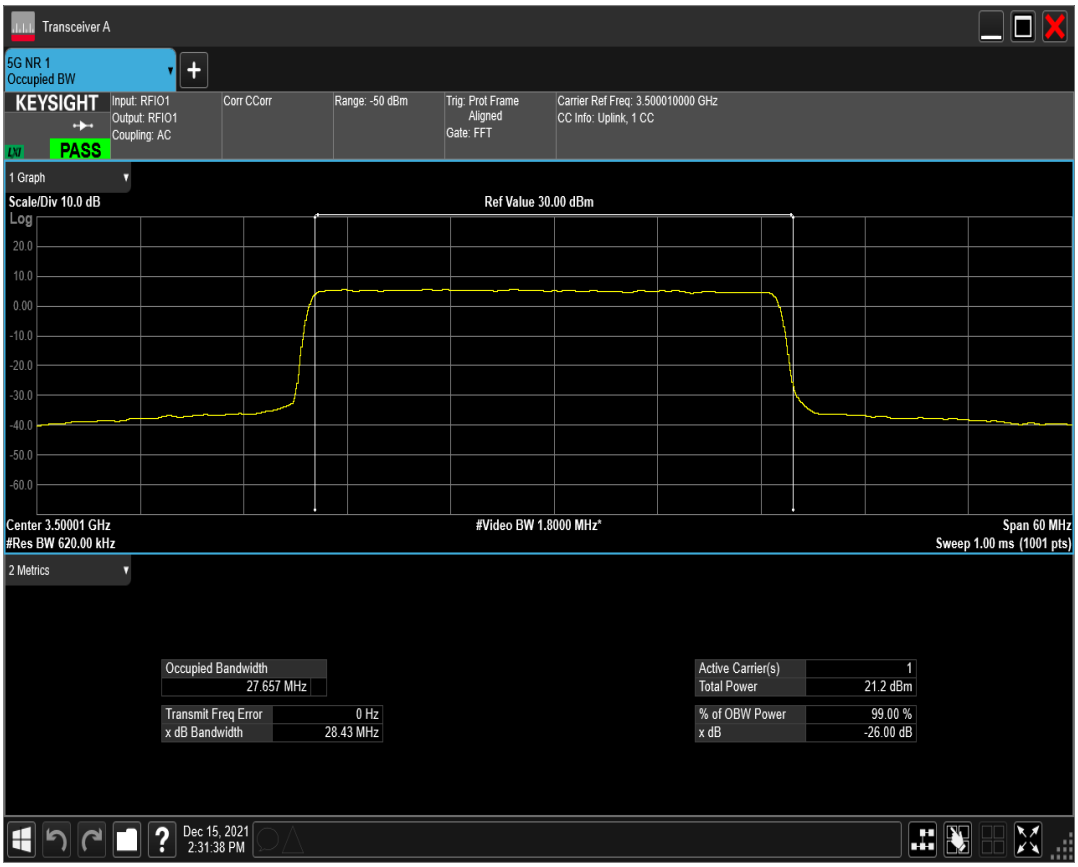
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=30MHz Channel=633334 RB=75@0



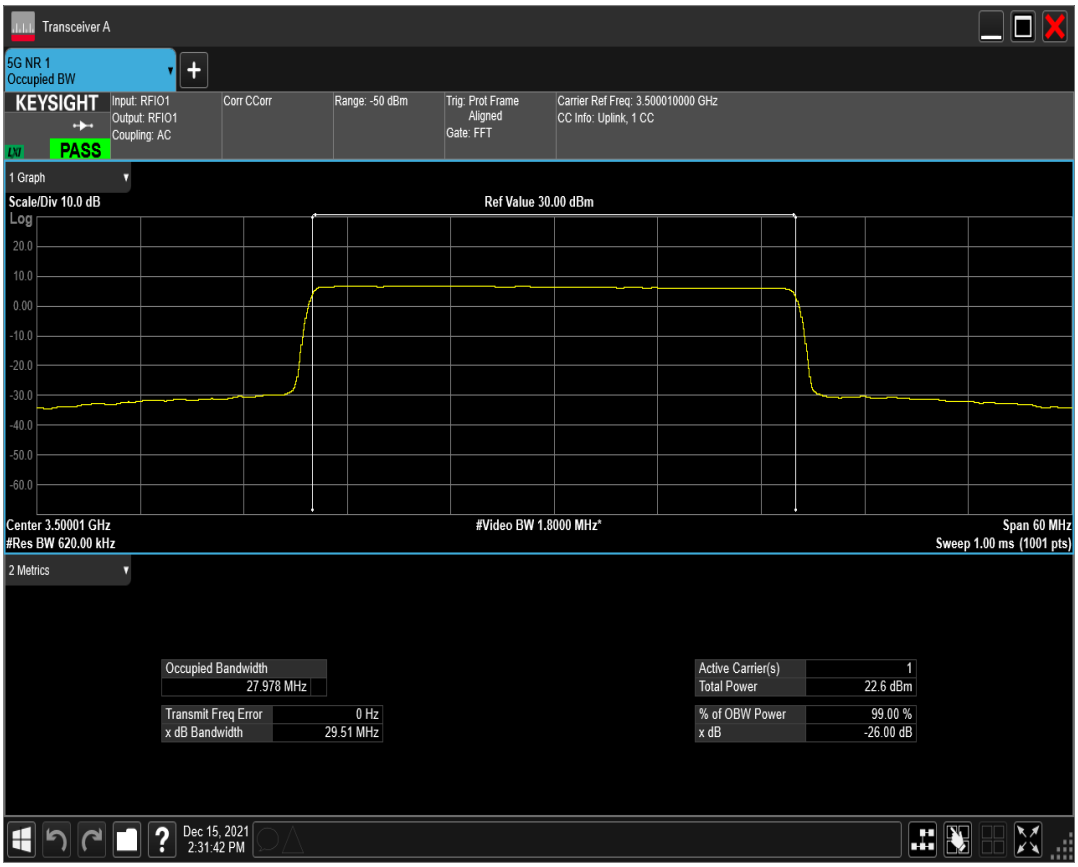
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=30MHz Channel=633334 RB=75@0



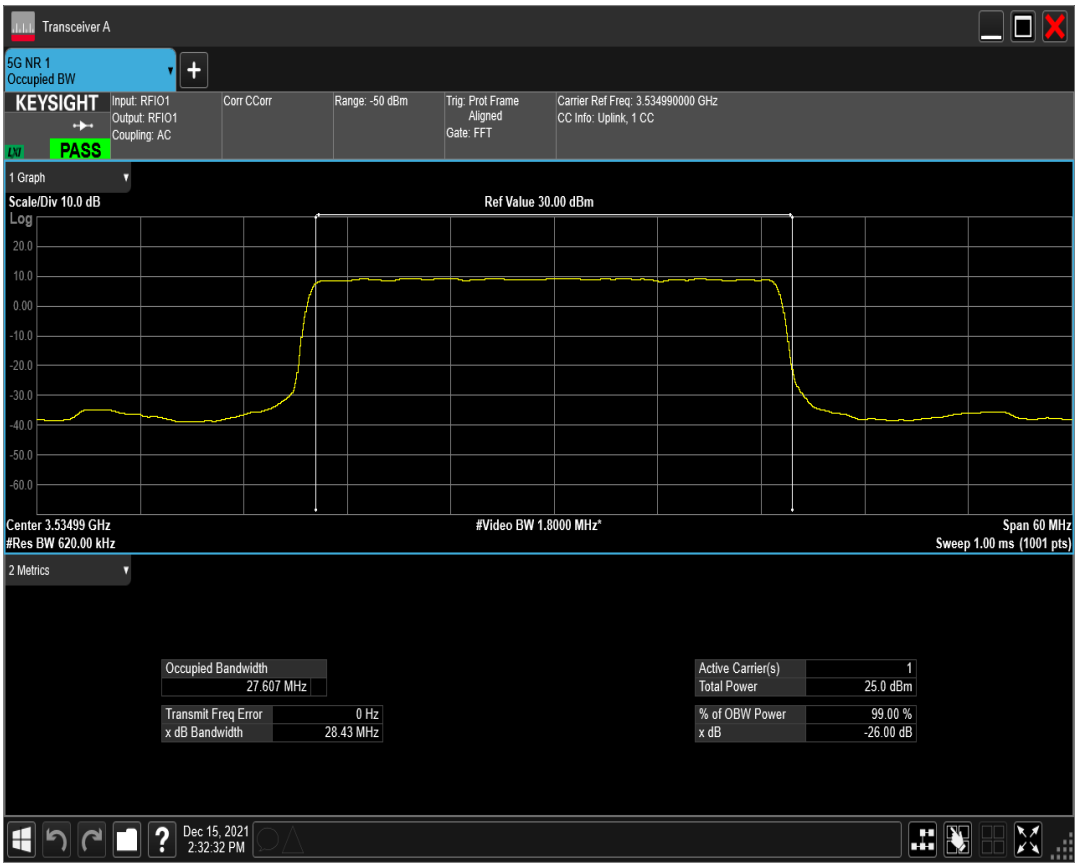
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=30MHz Channel=633334 RB=75@0



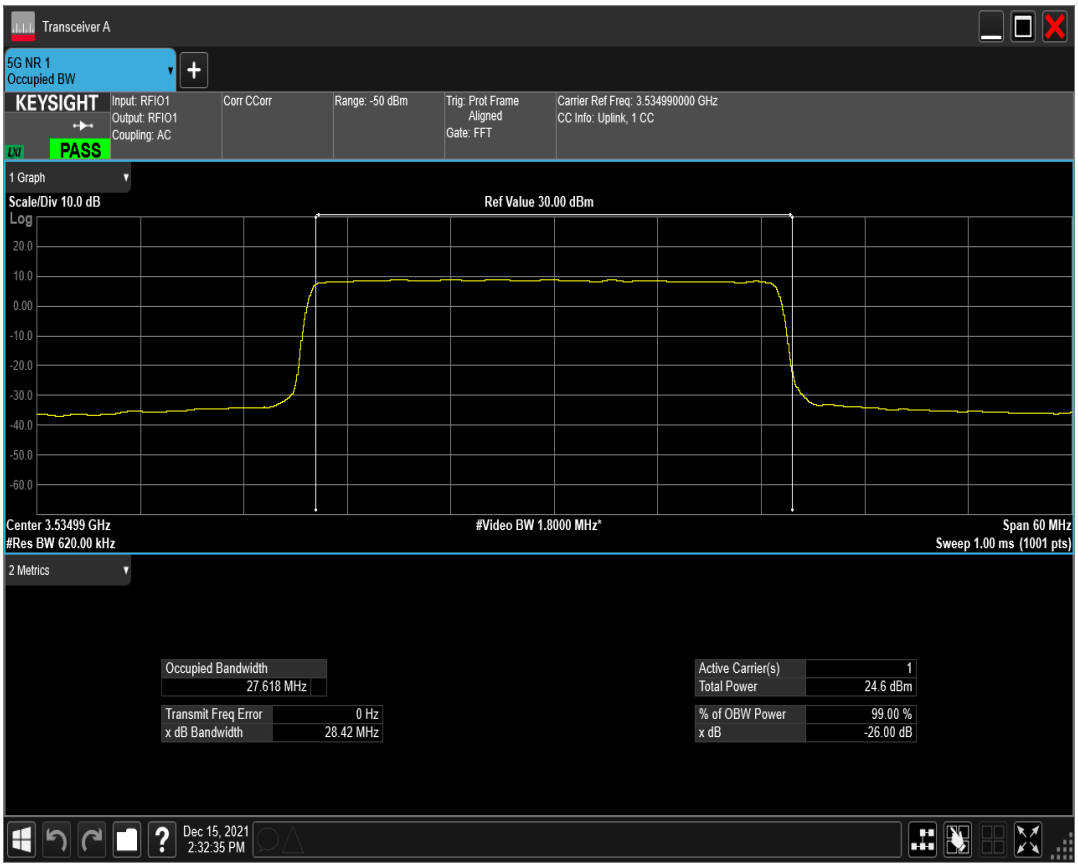
n77(3450-3550) SCS=30kHz CP_QPSK BW=30MHz Channel=633334 RB=78@0



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



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



n77(3450-3550) SCS=30kHz DFT_QAM16 BW=30MHz Channel=635666 RB=75@0