

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	23.09	24.29	33	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_BPSK	23.00	24.2	33	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_BPSK	23.13	24.33	33	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QPSK	23.09	24.29	33	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QPSK	22.83	24.03	33	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QPSK	22.99	24.19	33	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM16	22.14	23.34	33	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM16	21.87	23.07	33	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM16	22.17	23.37	33	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM64	20.57	21.77	33	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM64	21.02	22.22	33	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM64	21.19	22.39	33	PASS
n77(3450-3550)	30	10	630334	12@6	DFT_QAM256	18.47	19.67	33	PASS
n77(3450-3550)	30	10	630334	1@1	DFT_QAM256	18.43	19.63	33	PASS
n77(3450-3550)	30	10	630334	1@22	DFT_QAM256	18.59	19.79	33	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QPSK	21.60	22.8	33	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QPSK	21.39	22.59	33	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QPSK	21.56	22.76	33	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM16	21.00	22.2	33	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM16	21.19	22.39	33	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM16	21.38	22.58	33	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM64	19.66	20.86	33	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM64	19.74	20.94	33	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM64	19.88	21.08	33	PASS
n77(3450-3550)	30	10	630334	12@6	CP_QAM256	16.84	18.04	33	PASS
n77(3450-3550)	30	10	630334	1@1	CP_QAM256	16.81	18.01	33	PASS
n77(3450-3550)	30	10	630334	1@22	CP_QAM256	16.82	18.02	33	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_BPSK	23.11	24.31	33	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_BPSK	23.14	24.34	33	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_BPSK	22.94	24.14	33	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QPSK	23.05	24.25	33	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QPSK	22.96	24.16	33	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QPSK	22.89	24.09	33	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM16	22.16	23.36	33	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM16	22.02	23.22	33	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM16	21.81	23.01	33	PASS
n77(3450-3550)	30	10	633334	12@6	DFT_QAM64	20.67	21.87	33	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM64	20.88	22.08	33	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM64	20.68	21.88	33	PASS

n77(3450-3550)	30	10	633334	12@6	DFT_QAM256	18.65	19.85	33	PASS
n77(3450-3550)	30	10	633334	1@1	DFT_QAM256	18.86	20.06	33	PASS
n77(3450-3550)	30	10	633334	1@22	DFT_QAM256	18.64	19.84	33	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QPSK	21.62	22.82	33	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QPSK	21.64	22.84	33	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QPSK	21.40	22.6	33	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM16	20.98	22.18	33	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM16	21.21	22.41	33	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM16	21.21	22.41	33	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM64	19.52	20.72	33	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM64	19.53	20.73	33	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM64	19.71	20.91	33	PASS
n77(3450-3550)	30	10	633334	12@6	CP_QAM256	16.75	17.95	33	PASS
n77(3450-3550)	30	10	633334	1@1	CP_QAM256	16.95	18.15	33	PASS
n77(3450-3550)	30	10	633334	1@22	CP_QAM256	16.74	17.94	33	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_BPSK	25.61	26.81	33	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_BPSK	25.65	26.85	33	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_BPSK	25.65	26.85	33	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QPSK	25.53	26.73	33	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QPSK	25.57	26.77	33	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QPSK	25.58	26.78	33	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM16	24.63	25.83	33	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM16	24.79	25.99	33	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM16	24.74	25.94	33	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM64	23.28	24.48	33	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM64	23.25	24.45	33	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM64	23.46	24.66	33	PASS
n77(3450-3550)	30	10	636332	12@6	DFT_QAM256	21.20	22.4	33	PASS
n77(3450-3550)	30	10	636332	1@1	DFT_QAM256	21.36	22.56	33	PASS
n77(3450-3550)	30	10	636332	1@22	DFT_QAM256	21.34	22.54	33	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QPSK	23.96	25.16	33	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QPSK	24.00	25.2	33	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QPSK	23.88	25.08	33	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM16	23.52	24.72	33	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM16	23.69	24.89	33	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM16	23.56	24.76	33	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM64	22.18	23.38	33	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM64	21.98	23.18	33	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM64	22.59	23.79	33	PASS
n77(3450-3550)	30	10	636332	12@6	CP_QAM256	19.21	20.41	33	PASS
n77(3450-3550)	30	10	636332	1@1	CP_QAM256	19.29	20.49	33	PASS
n77(3450-3550)	30	10	636332	1@22	CP_QAM256	19.26	20.46	33	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_BPSK	26.02	27.22	33	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_BPSK	25.90	27.1	33	PASS

n77(3450-3550)	30	15	630500	1@36	DFT_BPSK	26.05	27.25	33	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QPSK	26.03	27.23	33	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QPSK	25.68	26.88	33	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QPSK	25.95	27.15	33	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM16	25.09	26.29	33	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM16	24.99	26.19	33	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM16	24.93	26.13	33	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM64	23.64	24.84	33	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM64	23.67	24.87	33	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM64	23.90	25.1	33	PASS
n77(3450-3550)	30	15	630500	18@9	DFT_QAM256	21.67	22.87	33	PASS
n77(3450-3550)	30	15	630500	1@1	DFT_QAM256	21.38	22.58	33	PASS
n77(3450-3550)	30	15	630500	1@36	DFT_QAM256	21.80	23	33	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QPSK	24.59	25.79	33	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QPSK	24.27	25.47	33	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QPSK	24.46	25.66	33	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM16	24.01	25.21	33	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM16	24.29	25.49	33	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM16	24.39	25.59	33	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM64	22.62	23.82	33	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM64	22.22	23.42	33	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM64	22.70	23.9	33	PASS
n77(3450-3550)	30	15	630500	19@9	CP_QAM256	19.69	20.89	33	PASS
n77(3450-3550)	30	15	630500	1@1	CP_QAM256	19.67	20.87	33	PASS
n77(3450-3550)	30	15	630500	1@36	CP_QAM256	19.87	21.07	33	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_BPSK	25.94	27.14	33	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_BPSK	26.09	27.29	33	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_BPSK	25.80	27	33	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QPSK	25.90	27.1	33	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QPSK	25.87	27.07	33	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QPSK	25.63	26.83	33	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM16	24.91	26.11	33	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM16	25.15	26.35	33	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM16	25.12	26.32	33	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM64	23.63	24.83	33	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM64	23.64	24.84	33	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM64	23.34	24.54	33	PASS
n77(3450-3550)	30	15	633334	18@9	DFT_QAM256	21.62	22.82	33	PASS
n77(3450-3550)	30	15	633334	1@1	DFT_QAM256	21.61	22.81	33	PASS
n77(3450-3550)	30	15	633334	1@36	DFT_QAM256	21.59	22.79	33	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QPSK	24.45	25.65	33	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QPSK	24.44	25.64	33	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QPSK	24.26	25.46	33	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM16	23.99	25.19	33	PASS

n77(3450-3550)	30	15	633334	1@1	CP_QAM16	24.39	25.59	33	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM16	24.07	25.27	33	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM64	22.54	23.74	33	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM64	22.42	23.62	33	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM64	22.72	23.92	33	PASS
n77(3450-3550)	30	15	633334	19@9	CP_QAM256	19.58	20.78	33	PASS
n77(3450-3550)	30	15	633334	1@1	CP_QAM256	19.87	21.07	33	PASS
n77(3450-3550)	30	15	633334	1@36	CP_QAM256	19.55	20.75	33	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_BPSK	25.58	26.78	33	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_BPSK	25.68	26.88	33	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_BPSK	25.64	26.84	33	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QPSK	25.62	26.82	33	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QPSK	25.53	26.73	33	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QPSK	25.18	26.38	33	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM16	24.59	25.79	33	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM16	24.77	25.97	33	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM16	24.45	25.65	33	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM64	23.23	24.43	33	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM64	22.93	24.13	33	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM64	22.86	24.06	33	PASS
n77(3450-3550)	30	15	636166	18@9	DFT_QAM256	21.20	22.4	33	PASS
n77(3450-3550)	30	15	636166	1@1	DFT_QAM256	21.26	22.46	33	PASS
n77(3450-3550)	30	15	636166	1@36	DFT_QAM256	21.08	22.28	33	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QPSK	24.09	25.29	33	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QPSK	24.06	25.26	33	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QPSK	23.89	25.09	33	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM16	23.64	24.84	33	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM16	23.96	25.16	33	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM16	23.93	25.13	33	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM64	22.21	23.41	33	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM64	22.05	23.25	33	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM64	21.80	23	33	PASS
n77(3450-3550)	30	15	636166	19@9	CP_QAM256	19.30	20.5	33	PASS
n77(3450-3550)	30	15	636166	1@1	CP_QAM256	19.46	20.66	33	PASS
n77(3450-3550)	30	15	636166	1@36	CP_QAM256	19.34	20.54	33	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_BPSK	26.10	27.3	33	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_BPSK	25.91	27.11	33	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_BPSK	25.98	27.18	33	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QPSK	26.10	27.3	33	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QPSK	25.75	26.95	33	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QPSK	25.78	26.98	33	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM16	25.10	26.3	33	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM16	25.03	26.23	33	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM16	25.29	26.49	33	PASS

n77(3450-3550)	30	20	630668	25@12	DFT_QAM64	23.55	24.75	33	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM64	23.71	24.91	33	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM64	23.89	25.09	33	PASS
n77(3450-3550)	30	20	630668	25@12	DFT_QAM256	21.76	22.96	33	PASS
n77(3450-3550)	30	20	630668	1@1	DFT_QAM256	21.56	22.76	33	PASS
n77(3450-3550)	30	20	630668	1@49	DFT_QAM256	21.79	22.99	33	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QPSK	24.48	25.68	33	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QPSK	24.18	25.38	33	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QPSK	24.32	25.52	33	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM16	24.03	25.23	33	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM16	24.12	25.32	33	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM16	24.23	25.43	33	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM64	22.58	23.78	33	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM64	22.87	24.07	33	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM64	23.07	24.27	33	PASS
n77(3450-3550)	30	20	630668	25@12	CP_QAM256	19.64	20.84	33	PASS
n77(3450-3550)	30	20	630668	1@1	CP_QAM256	19.65	20.85	33	PASS
n77(3450-3550)	30	20	630668	1@49	CP_QAM256	19.73	20.93	33	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_BPSK	26.01	27.21	33	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_BPSK	25.97	27.17	33	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_BPSK	25.57	26.77	33	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QPSK	26.07	27.27	33	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QPSK	25.90	27.1	33	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QPSK	25.34	26.54	33	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM16	25.08	26.28	33	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM16	24.88	26.08	33	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM16	24.30	25.5	33	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM64	23.64	24.84	33	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM64	23.28	24.48	33	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM64	22.88	24.08	33	PASS
n77(3450-3550)	30	20	633334	25@12	DFT_QAM256	21.62	22.82	33	PASS
n77(3450-3550)	30	20	633334	1@1	DFT_QAM256	21.84	23.04	33	PASS
n77(3450-3550)	30	20	633334	1@49	DFT_QAM256	21.39	22.59	33	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QPSK	24.48	25.68	33	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QPSK	24.31	25.51	33	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QPSK	23.96	25.16	33	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM16	23.96	25.16	33	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM16	24.39	25.59	33	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM16	23.95	25.15	33	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM64	22.48	23.68	33	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM64	22.98	24.18	33	PASS
n77(3450-3550)	30	20	633334	1@49	CP_QAM64	22.49	23.69	33	PASS
n77(3450-3550)	30	20	633334	25@12	CP_QAM256	19.57	20.77	33	PASS
n77(3450-3550)	30	20	633334	1@1	CP_QAM256	19.73	20.93	33	PASS

n77(3450-3550)	30	20	633334	1@49	CP_QAM256	19.39	20.59	33	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_BPSK	25.70	26.9	33	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_BPSK	25.71	26.91	33	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_BPSK	25.55	26.75	33	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QPSK	25.62	26.82	33	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QPSK	25.71	26.91	33	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QPSK	25.36	26.56	33	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM16	24.68	25.88	33	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM16	24.91	26.11	33	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM16	24.61	25.81	33	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM64	23.22	24.42	33	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM64	23.59	24.79	33	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM64	23.25	24.45	33	PASS
n77(3450-3550)	30	20	636000	25@12	DFT_QAM256	21.24	22.44	33	PASS
n77(3450-3550)	30	20	636000	1@1	DFT_QAM256	21.50	22.7	33	PASS
n77(3450-3550)	30	20	636000	1@49	DFT_QAM256	21.25	22.45	33	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QPSK	24.10	25.3	33	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QPSK	24.06	25.26	33	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QPSK	23.83	25.03	33	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM16	23.65	24.85	33	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM16	23.78	24.98	33	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM16	23.48	24.68	33	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM64	22.13	23.33	33	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM64	22.18	23.38	33	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM64	21.95	23.15	33	PASS
n77(3450-3550)	30	20	636000	25@12	CP_QAM256	19.24	20.44	33	PASS
n77(3450-3550)	30	20	636000	1@1	CP_QAM256	19.62	20.82	33	PASS
n77(3450-3550)	30	20	636000	1@49	CP_QAM256	19.30	20.5	33	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_BPSK	26.04	27.24	33	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_BPSK	25.56	26.76	33	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_BPSK	25.72	26.92	33	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QPSK	26.00	27.2	33	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QPSK	25.45	26.65	33	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QPSK	25.39	26.59	33	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM16	25.01	26.21	33	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM16	24.70	25.9	33	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM16	24.86	26.06	33	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM64	23.59	24.79	33	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM64	23.39	24.59	33	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM64	23.52	24.72	33	PASS
n77(3450-3550)	30	30	631000	36@18	DFT_QAM256	21.67	22.87	33	PASS
n77(3450-3550)	30	30	631000	1@1	DFT_QAM256	21.22	22.42	33	PASS
n77(3450-3550)	30	30	631000	1@76	DFT_QAM256	21.59	22.79	33	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QPSK	24.56	25.76	33	PASS

n77(3450-3550)	30	30	631000	1@1	CP_QPSK	23.99	25.19	33	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QPSK	24.19	25.39	33	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM16	24.00	25.2	33	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM16	23.94	25.14	33	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM16	24.08	25.28	33	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM64	22.54	23.74	33	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM64	22.01	23.21	33	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM64	22.19	23.39	33	PASS
n77(3450-3550)	30	30	631000	39@19	CP_QAM256	19.67	20.87	33	PASS
n77(3450-3550)	30	30	631000	1@1	CP_QAM256	19.39	20.59	33	PASS
n77(3450-3550)	30	30	631000	1@76	CP_QAM256	19.31	20.51	33	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_BPSK	26.01	27.21	33	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_BPSK	25.76	26.96	33	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_BPSK	25.54	26.74	33	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QPSK	25.96	27.16	33	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QPSK	25.60	26.8	33	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QPSK	25.12	26.32	33	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM16	25.02	26.22	33	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM16	24.99	26.19	33	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM16	24.23	25.43	33	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM64	23.56	24.76	33	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM64	23.62	24.82	33	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM64	23.13	24.33	33	PASS
n77(3450-3550)	30	30	633334	36@18	DFT_QAM256	21.49	22.69	33	PASS
n77(3450-3550)	30	30	633334	1@1	DFT_QAM256	21.51	22.71	33	PASS
n77(3450-3550)	30	30	633334	1@76	DFT_QAM256	21.28	22.48	33	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QPSK	24.34	25.54	33	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QPSK	24.15	25.35	33	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QPSK	23.85	25.05	33	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM16	23.89	25.09	33	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM16	23.97	25.17	33	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM16	23.72	24.92	33	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM64	22.42	23.62	33	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM64	22.83	24.03	33	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM64	21.78	22.98	33	PASS
n77(3450-3550)	30	30	633334	39@19	CP_QAM256	19.53	20.73	33	PASS
n77(3450-3550)	30	30	633334	1@1	CP_QAM256	19.63	20.83	33	PASS
n77(3450-3550)	30	30	633334	1@76	CP_QAM256	19.33	20.53	33	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_BPSK	25.71	26.91	33	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_BPSK	25.66	26.86	33	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_BPSK	25.33	26.53	33	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QPSK	25.72	26.92	33	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QPSK	25.57	26.77	33	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QPSK	25.10	26.3	33	PASS

n77(3450-3550)	30	30	635666	36@18	DFT_QAM16	24.76	25.96	33	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM16	24.69	25.89	33	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM16	24.38	25.58	33	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM64	23.30	24.5	33	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM64	23.48	24.68	33	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM64	22.91	24.11	33	PASS
n77(3450-3550)	30	30	635666	36@18	DFT_QAM256	21.31	22.51	33	PASS
n77(3450-3550)	30	30	635666	1@1	DFT_QAM256	21.36	22.56	33	PASS
n77(3450-3550)	30	30	635666	1@76	DFT_QAM256	21.08	22.28	33	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QPSK	24.12	25.32	33	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QPSK	24.03	25.23	33	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QPSK	23.61	24.81	33	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM16	23.76	24.96	33	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM16	23.78	24.98	33	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM16	23.53	24.73	33	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM64	22.23	23.43	33	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM64	21.90	23.1	33	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM64	21.71	22.91	33	PASS
n77(3450-3550)	30	30	635666	39@19	CP_QAM256	19.29	20.49	33	PASS
n77(3450-3550)	30	30	635666	1@1	CP_QAM256	19.36	20.56	33	PASS
n77(3450-3550)	30	30	635666	1@76	CP_QAM256	19.15	20.35	33	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_BPSK	26.07	27.27	33	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_BPSK	25.48	26.68	33	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_BPSK	25.62	26.82	33	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QPSK	26.18	27.38	33	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QPSK	25.39	26.59	33	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QPSK	25.64	26.84	33	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM16	25.23	26.43	33	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM16	24.46	25.66	33	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM16	24.73	25.93	33	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM64	23.66	24.86	33	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM64	23.07	24.27	33	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM64	23.18	24.38	33	PASS
n77(3450-3550)	30	40	631334	50@25	DFT_QAM256	21.61	22.81	33	PASS
n77(3450-3550)	30	40	631334	1@1	DFT_QAM256	21.14	22.34	33	PASS
n77(3450-3550)	30	40	631334	1@104	DFT_QAM256	21.36	22.56	33	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QPSK	24.50	25.7	33	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QPSK	23.69	24.89	33	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QPSK	23.97	25.17	33	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM16	24.08	25.28	33	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM16	23.43	24.63	33	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM16	23.64	24.84	33	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM64	22.53	23.73	33	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM64	22.47	23.67	33	PASS

n77(3450-3550)	30	40	631334	1@104	CP_QAM64	21.76	22.96	33	PASS
n77(3450-3550)	30	40	631334	53@26	CP_QAM256	19.60	20.8	33	PASS
n77(3450-3550)	30	40	631334	1@1	CP_QAM256	19.00	20.2	33	PASS
n77(3450-3550)	30	40	631334	1@104	CP_QAM256	19.26	20.46	33	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_BPSK	25.93	27.13	33	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_BPSK	25.66	26.86	33	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_BPSK	25.32	26.52	33	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QPSK	25.98	27.18	33	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QPSK	25.44	26.64	33	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QPSK	25.30	26.5	33	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM16	25.00	26.2	33	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM16	24.63	25.83	33	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM16	24.20	25.4	33	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM64	23.52	24.72	33	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM64	23.31	24.51	33	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM64	23.07	24.27	33	PASS
n77(3450-3550)	30	40	633334	50@25	DFT_QAM256	21.54	22.74	33	PASS
n77(3450-3550)	30	40	633334	1@1	DFT_QAM256	21.31	22.51	33	PASS
n77(3450-3550)	30	40	633334	1@104	DFT_QAM256	20.92	22.12	33	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QPSK	24.37	25.57	33	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QPSK	23.87	25.07	33	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QPSK	23.69	24.89	33	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM16	23.88	25.08	33	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM16	23.91	25.11	33	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM16	23.65	24.85	33	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM64	22.43	23.63	33	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM64	22.52	23.72	33	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM64	21.64	22.84	33	PASS
n77(3450-3550)	30	40	633334	53@26	CP_QAM256	19.46	20.66	33	PASS
n77(3450-3550)	30	40	633334	1@1	CP_QAM256	19.23	20.43	33	PASS
n77(3450-3550)	30	40	633334	1@104	CP_QAM256	19.10	20.3	33	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_BPSK	25.78	26.98	33	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_BPSK	25.20	26.4	33	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_BPSK	25.06	26.26	33	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QPSK	25.71	26.91	33	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QPSK	25.07	26.27	33	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QPSK	24.54	25.74	33	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM16	24.82	26.02	33	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM16	24.26	25.46	33	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM16	23.85	25.05	33	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM64	23.41	24.61	33	PASS
n77(3450-3550)	30	40	635332	1@1	DFT_QAM64	22.48	23.68	33	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM64	22.39	23.59	33	PASS
n77(3450-3550)	30	40	635332	50@25	DFT_QAM256	21.45	22.65	33	PASS

n77(3450-3550)	30	40	635332	1@1	DFT_QAM256	20.74	21.94	33	PASS
n77(3450-3550)	30	40	635332	1@104	DFT_QAM256	20.85	22.05	33	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QPSK	24.14	25.34	33	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QPSK	23.59	24.79	33	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QPSK	23.45	24.65	33	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM16	23.72	24.92	33	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM16	23.48	24.68	33	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM16	23.38	24.58	33	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM64	22.32	23.52	33	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM64	22.11	23.31	33	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM64	21.20	22.4	33	PASS
n77(3450-3550)	30	40	635332	53@26	CP_QAM256	19.34	20.54	33	PASS
n77(3450-3550)	30	40	635332	1@1	CP_QAM256	19.01	20.21	33	PASS
n77(3450-3550)	30	40	635332	1@104	CP_QAM256	18.85	20.05	33	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_BPSK	26.10	27.3	33	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_BPSK	25.67	26.87	33	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_BPSK	25.69	26.89	33	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QPSK	26.04	27.24	33	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QPSK	25.57	26.77	33	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QPSK	25.57	26.77	33	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM16	25.06	26.26	33	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM16	24.82	26.02	33	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM16	25.11	26.31	33	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM64	23.64	24.84	33	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM64	23.27	24.47	33	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM64	23.52	24.72	33	PASS
n77(3450-3550)	30	50	631668	64@32	DFT_QAM256	21.68	22.88	33	PASS
n77(3450-3550)	30	50	631668	1@1	DFT_QAM256	21.48	22.68	33	PASS
n77(3450-3550)	30	50	631668	1@131	DFT_QAM256	21.60	22.8	33	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QPSK	24.55	25.75	33	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QPSK	24.07	25.27	33	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QPSK	24.15	25.35	33	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM16	23.93	25.13	33	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM16	24.04	25.24	33	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM16	24.05	25.25	33	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM64	22.58	23.78	33	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM64	21.97	23.17	33	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM64	22.05	23.25	33	PASS
n77(3450-3550)	30	50	631668	67@33	CP_QAM256	19.67	20.87	33	PASS
n77(3450-3550)	30	50	631668	1@1	CP_QAM256	19.48	20.68	33	PASS
n77(3450-3550)	30	50	631668	1@131	CP_QAM256	19.61	20.81	33	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_BPSK	25.95	27.15	33	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_BPSK	25.82	27.02	33	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_BPSK	25.74	26.94	33	PASS

n77(3450-3550)	30	50	633334	64@32	DFT_QPSK	25.85	27.05	33	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QPSK	25.59	26.79	33	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QPSK	25.47	26.67	33	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM16	24.91	26.11	33	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM16	24.69	25.89	33	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM16	24.70	25.9	33	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM64	23.46	24.66	33	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM64	23.53	24.73	33	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM64	23.41	24.61	33	PASS
n77(3450-3550)	30	50	633334	64@32	DFT_QAM256	21.53	22.73	33	PASS
n77(3450-3550)	30	50	633334	1@1	DFT_QAM256	21.55	22.75	33	PASS
n77(3450-3550)	30	50	633334	1@131	DFT_QAM256	21.49	22.69	33	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QPSK	24.28	25.48	33	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QPSK	24.12	25.32	33	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QPSK	24.03	25.23	33	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM16	23.90	25.1	33	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM16	24.13	25.33	33	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM16	23.96	25.16	33	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM64	22.44	23.64	33	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM64	22.23	23.43	33	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM64	22.55	23.75	33	PASS
n77(3450-3550)	30	50	633334	67@33	CP_QAM256	19.47	20.67	33	PASS
n77(3450-3550)	30	50	633334	1@1	CP_QAM256	19.62	20.82	33	PASS
n77(3450-3550)	30	50	633334	1@131	CP_QAM256	19.49	20.69	33	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_BPSK	25.81	27.01	33	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_BPSK	25.63	26.83	33	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_BPSK	25.35	26.55	33	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QPSK	25.79	26.99	33	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QPSK	25.50	26.7	33	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QPSK	25.09	26.29	33	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM16	24.82	26.02	33	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM16	24.43	25.63	33	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM16	24.15	25.35	33	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM64	23.37	24.57	33	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM64	22.92	24.12	33	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM64	22.58	23.78	33	PASS
n77(3450-3550)	30	50	635000	64@32	DFT_QAM256	21.50	22.7	33	PASS
n77(3450-3550)	30	50	635000	1@1	DFT_QAM256	21.47	22.67	33	PASS
n77(3450-3550)	30	50	635000	1@131	DFT_QAM256	20.88	22.08	33	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QPSK	24.31	25.51	33	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QPSK	24.07	25.27	33	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QPSK	23.67	24.87	33	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM16	23.83	25.03	33	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM16	23.97	25.17	33	PASS

n77(3450-3550)	30	50	635000	1@131	CP_QAM16	23.68	24.88	33	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM64	22.31	23.51	33	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM64	22.00	23.2	33	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM64	21.69	22.89	33	PASS
n77(3450-3550)	30	50	635000	67@33	CP_QAM256	19.33	20.53	33	PASS
n77(3450-3550)	30	50	635000	1@1	CP_QAM256	19.51	20.71	33	PASS
n77(3450-3550)	30	50	635000	1@131	CP_QAM256	19.14	20.34	33	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_BPSK	26.07	27.27	33	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_BPSK	25.48	26.68	33	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_BPSK	25.36	26.56	33	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QPSK	25.98	27.18	33	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QPSK	25.38	26.58	33	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QPSK	25.29	26.49	33	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM16	25.03	26.23	33	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM16	24.61	25.81	33	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM16	24.43	25.63	33	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM64	23.59	24.79	33	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM64	23.25	24.45	33	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM64	23.10	24.3	33	PASS
n77(3450-3550)	30	60	632000	81@40	DFT_QAM256	21.67	22.87	33	PASS
n77(3450-3550)	30	60	632000	1@1	DFT_QAM256	21.23	22.43	33	PASS
n77(3450-3550)	30	60	632000	1@160	DFT_QAM256	20.80	22	33	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QPSK	24.46	25.66	33	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QPSK	23.85	25.05	33	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QPSK	23.74	24.94	33	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM16	24.01	25.21	33	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM16	23.44	24.64	33	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM16	23.35	24.55	33	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM64	22.53	23.73	33	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM64	22.19	23.39	33	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM64	21.77	22.97	33	PASS
n77(3450-3550)	30	60	632000	81@40	CP_QAM256	19.61	20.81	33	PASS
n77(3450-3550)	30	60	632000	1@1	CP_QAM256	19.29	20.49	33	PASS
n77(3450-3550)	30	60	632000	1@160	CP_QAM256	19.14	20.34	33	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_BPSK	25.87	27.07	33	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_BPSK	25.62	26.82	33	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_BPSK	25.51	26.71	33	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QPSK	25.88	27.08	33	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QPSK	25.44	26.64	33	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QPSK	25.32	26.52	33	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM16	24.91	26.11	33	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM16	24.87	26.07	33	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM16	24.59	25.79	33	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM64	23.49	24.69	33	PASS

n77(3450-3550)	30	60	633334	1@1	DFT_QAM64	23.21	24.41	33	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM64	23.34	24.54	33	PASS
n77(3450-3550)	30	60	633334	81@40	DFT_QAM256	21.54	22.74	33	PASS
n77(3450-3550)	30	60	633334	1@1	DFT_QAM256	21.39	22.59	33	PASS
n77(3450-3550)	30	60	633334	1@160	DFT_QAM256	21.20	22.4	33	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QPSK	24.37	25.57	33	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QPSK	23.97	25.17	33	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QPSK	23.85	25.05	33	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM16	23.86	25.06	33	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM16	23.82	25.02	33	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM16	23.74	24.94	33	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM64	22.38	23.58	33	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM64	21.97	23.17	33	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM64	21.78	22.98	33	PASS
n77(3450-3550)	30	60	633334	81@40	CP_QAM256	19.48	20.68	33	PASS
n77(3450-3550)	30	60	633334	1@1	CP_QAM256	19.41	20.61	33	PASS
n77(3450-3550)	30	60	633334	1@160	CP_QAM256	19.09	20.29	33	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_BPSK	25.84	27.04	33	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_BPSK	25.63	26.83	33	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_BPSK	25.16	26.36	33	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QPSK	25.82	27.02	33	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QPSK	25.55	26.75	33	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QPSK	25.02	26.22	33	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM16	24.88	26.08	33	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM16	25.06	26.26	33	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM16	24.67	25.87	33	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM64	23.34	24.54	33	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM64	23.27	24.47	33	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM64	22.83	24.03	33	PASS
n77(3450-3550)	30	60	634666	81@40	DFT_QAM256	21.41	22.61	33	PASS
n77(3450-3550)	30	60	634666	1@1	DFT_QAM256	21.20	22.4	33	PASS
n77(3450-3550)	30	60	634666	1@160	DFT_QAM256	20.73	21.93	33	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QPSK	24.22	25.42	33	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QPSK	24.19	25.39	33	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QPSK	23.59	24.79	33	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM16	23.82	25.02	33	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM16	24.06	25.26	33	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM16	23.57	24.77	33	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM64	22.32	23.52	33	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM64	22.46	23.66	33	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM64	21.90	23.1	33	PASS
n77(3450-3550)	30	60	634666	81@40	CP_QAM256	19.36	20.56	33	PASS
n77(3450-3550)	30	60	634666	1@1	CP_QAM256	19.26	20.46	33	PASS
n77(3450-3550)	30	60	634666	1@160	CP_QAM256	18.72	19.92	33	PASS

n77(3450-3550)	30	80	632668	108@54	DFT_BPSK	26.07	27.27	33	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_BPSK	25.32	26.52	33	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_BPSK	25.28	26.48	33	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QPSK	25.97	27.17	33	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QPSK	25.23	26.43	33	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QPSK	25.13	26.33	33	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM16	25.17	26.37	33	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM16	24.74	25.94	33	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM16	24.66	25.86	33	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM64	23.61	24.81	33	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM64	23.05	24.25	33	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM64	23.03	24.23	33	PASS
n77(3450-3550)	30	80	632668	108@54	DFT_QAM256	21.53	22.73	33	PASS
n77(3450-3550)	30	80	632668	1@1	DFT_QAM256	21.25	22.45	33	PASS
n77(3450-3550)	30	80	632668	1@215	DFT_QAM256	21.28	22.48	33	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QPSK	24.42	25.62	33	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QPSK	23.74	24.94	33	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QPSK	23.57	24.77	33	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM16	23.90	25.1	33	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM16	23.74	24.94	33	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM16	23.83	25.03	33	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM64	22.63	23.83	33	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM64	21.61	22.81	33	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM64	22.26	23.46	33	PASS
n77(3450-3550)	30	80	632668	109@54	CP_QAM256	19.67	20.87	33	PASS
n77(3450-3550)	30	80	632668	1@1	CP_QAM256	19.14	20.34	33	PASS
n77(3450-3550)	30	80	632668	1@215	CP_QAM256	19.02	20.22	33	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_BPSK	25.97	27.17	33	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_BPSK	25.58	26.78	33	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_BPSK	25.12	26.32	33	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QPSK	25.98	27.18	33	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QPSK	25.40	26.6	33	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QPSK	24.89	26.09	33	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM16	24.92	26.12	33	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM16	24.34	25.54	33	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM16	23.86	25.06	33	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM64	23.47	24.67	33	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM64	23.06	24.26	33	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM64	22.51	23.71	33	PASS
n77(3450-3550)	30	80	633334	108@54	DFT_QAM256	21.47	22.67	33	PASS
n77(3450-3550)	30	80	633334	1@1	DFT_QAM256	21.06	22.26	33	PASS
n77(3450-3550)	30	80	633334	1@215	DFT_QAM256	20.71	21.91	33	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QPSK	24.45	25.65	33	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QPSK	23.87	25.07	33	PASS

n77(3450-3550)	30	80	633334	1@215	CP_QPSK	23.31	24.51	33	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM16	23.86	25.06	33	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM16	23.79	24.99	33	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM16	23.47	24.67	33	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM64	22.46	23.66	33	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM64	21.94	23.14	33	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM64	21.49	22.69	33	PASS
n77(3450-3550)	30	80	633334	109@54	CP_QAM256	19.52	20.72	33	PASS
n77(3450-3550)	30	80	633334	1@1	CP_QAM256	19.41	20.61	33	PASS
n77(3450-3550)	30	80	633334	1@215	CP_QAM256	18.99	20.19	33	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_BPSK	25.94	27.14	33	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_BPSK	25.54	26.74	33	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_BPSK	24.99	26.19	33	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QPSK	25.85	27.05	33	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QPSK	25.39	26.59	33	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QPSK	24.81	26.01	33	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM16	25.05	26.25	33	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM16	24.21	25.41	33	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM16	23.77	24.97	33	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM64	23.44	24.64	33	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM64	22.93	24.13	33	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM64	22.46	23.66	33	PASS
n77(3450-3550)	30	80	634000	108@54	DFT_QAM256	21.45	22.65	33	PASS
n77(3450-3550)	30	80	634000	1@1	DFT_QAM256	21.12	22.32	33	PASS
n77(3450-3550)	30	80	634000	1@215	DFT_QAM256	20.60	21.8	33	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QPSK	24.41	25.61	33	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QPSK	23.76	24.96	33	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QPSK	23.28	24.48	33	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM16	23.82	25.02	33	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM16	23.73	24.93	33	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM16	23.47	24.67	33	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM64	22.31	23.51	33	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM64	21.95	23.15	33	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM64	21.46	22.66	33	PASS
n77(3450-3550)	30	80	634000	109@54	CP_QAM256	19.59	20.79	33	PASS
n77(3450-3550)	30	80	634000	1@1	CP_QAM256	19.42	20.62	33	PASS
n77(3450-3550)	30	80	634000	1@215	CP_QAM256	18.87	20.07	33	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_BPSK	25.96	27.16	33	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_BPSK	25.24	26.44	33	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_BPSK	24.97	26.17	33	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QPSK	25.95	27.15	33	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QPSK	25.10	26.3	33	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QPSK	24.88	26.08	33	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM16	24.98	26.18	33	PASS

n77(3450-3550)	30	90	633000	1@1	DFT_QAM16	23.96	25.16	33	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM16	23.39	24.59	33	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM64	23.51	24.71	33	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM64	22.74	23.94	33	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM64	22.52	23.72	33	PASS
n77(3450-3550)	30	90	633000	120@60	DFT_QAM256	21.53	22.73	33	PASS
n77(3450-3550)	30	90	633000	1@1	DFT_QAM256	20.67	21.87	33	PASS
n77(3450-3550)	30	90	633000	1@243	DFT_QAM256	20.35	21.55	33	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QPSK	24.39	25.59	33	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QPSK	23.53	24.73	33	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QPSK	23.18	24.38	33	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM16	23.88	25.08	33	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM16	23.54	24.74	33	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM16	23.20	24.4	33	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM64	22.38	23.58	33	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM64	21.63	22.83	33	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM64	21.43	22.63	33	PASS
n77(3450-3550)	30	90	633000	123@61	CP_QAM256	19.49	20.69	33	PASS
n77(3450-3550)	30	90	633000	1@1	CP_QAM256	18.95	20.15	33	PASS
n77(3450-3550)	30	90	633000	1@243	CP_QAM256	18.77	19.97	33	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_BPSK	25.96	27.16	33	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_BPSK	25.32	26.52	33	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_BPSK	24.85	26.05	33	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QPSK	25.76	26.96	33	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QPSK	25.10	26.3	33	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QPSK	24.71	25.91	33	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM16	25.01	26.21	33	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM16	24.27	25.47	33	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM16	23.91	25.11	33	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM64	23.41	24.61	33	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM64	23.06	24.26	33	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM64	22.59	23.79	33	PASS
n77(3450-3550)	30	90	633334	120@60	DFT_QAM256	21.49	22.69	33	PASS
n77(3450-3550)	30	90	633334	1@1	DFT_QAM256	20.71	21.91	33	PASS
n77(3450-3550)	30	90	633334	1@243	DFT_QAM256	20.30	21.5	33	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QPSK	24.30	25.5	33	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QPSK	23.64	24.84	33	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QPSK	23.11	24.31	33	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM16	23.83	25.03	33	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM16	23.59	24.79	33	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM16	23.09	24.29	33	PASS
n77(3450-3550)	30	90	633334	123@61	CP_QAM64	22.45	23.65	33	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM64	21.93	23.13	33	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM64	21.42	22.62	33	PASS

n77(3450-3550)	30	90	633334	123@61	CP_QAM256	19.46	20.66	33	PASS
n77(3450-3550)	30	90	633334	1@1	CP_QAM256	19.13	20.33	33	PASS
n77(3450-3550)	30	90	633334	1@243	CP_QAM256	18.61	19.81	33	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_BPSK	25.81	27.01	33	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_BPSK	25.37	26.57	33	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_BPSK	24.98	26.18	33	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QPSK	25.67	26.87	33	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QPSK	25.19	26.39	33	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QPSK	24.72	25.92	33	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM16	24.66	25.86	33	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM16	24.44	25.64	33	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM16	23.94	25.14	33	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM64	23.35	24.55	33	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM64	22.96	24.16	33	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM64	22.42	23.62	33	PASS
n77(3450-3550)	30	90	633666	120@60	DFT_QAM256	21.45	22.65	33	PASS
n77(3450-3550)	30	90	633666	1@1	DFT_QAM256	20.76	21.96	33	PASS
n77(3450-3550)	30	90	633666	1@243	DFT_QAM256	20.34	21.54	33	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QPSK	24.36	25.56	33	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QPSK	23.78	24.98	33	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QPSK	23.24	24.44	33	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM16	23.87	25.07	33	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM16	23.59	24.79	33	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM16	23.15	24.35	33	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM64	22.31	23.51	33	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM64	21.76	22.96	33	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM64	21.26	22.46	33	PASS
n77(3450-3550)	30	90	633666	123@61	CP_QAM256	19.41	20.61	33	PASS
n77(3450-3550)	30	90	633666	1@1	CP_QAM256	19.10	20.3	33	PASS
n77(3450-3550)	30	90	633666	1@243	CP_QAM256	18.65	19.85	33	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	25.84	27.04	33	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_BPSK	25.08	26.28	33	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_BPSK	24.66	25.86	33	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	25.74	26.94	33	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QPSK	24.89	26.09	33	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QPSK	24.56	25.76	33	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM16	24.72	25.92	33	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM16	23.84	25.04	33	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM16	23.76	24.96	33	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM64	23.36	24.56	33	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM64	22.55	23.75	33	PASS
n77(3450-3550)	30	100	633334	1@271	DFT_QAM64	22.45	23.65	33	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QAM256	21.42	22.62	33	PASS
n77(3450-3550)	30	100	633334	1@1	DFT_QAM256	20.72	21.92	33	PASS

n77(3450-3550)	30	100	633334	1@271	DFT_QAM256	20.09	21.29	33	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QPSK	24.37	25.57	33	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QPSK	23.32	24.52	33	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QPSK	22.98	24.18	33	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM16	23.87	25.07	33	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM16	23.23	24.43	33	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM16	22.90	24.1	33	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM64	22.34	23.54	33	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM64	21.59	22.79	33	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM64	21.03	22.23	33	PASS
n77(3450-3550)	30	100	633334	137@68	CP_QAM256	19.38	20.58	33	PASS
n77(3450-3550)	30	100	633334	1@1	CP_QAM256	18.78	19.98	33	PASS
n77(3450-3550)	30	100	633334	1@271	CP_QAM256	18.42	19.62	33	PASS

2. Frequency stability for NR FR1

NT:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	3.87	-30.62	-0.01	Within authorized band for 5G NR n77	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	3.50	-26.45	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	4.45	-26.99	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	3.87	-33.03	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	3.50	-29.33	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	4.45	-30.27	-0.01		PASS

Note: Only the worst case shown in the report.

NV:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Temperature(°C)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	-30	-21.22	-0.01	Within authorized band for 5G NR n77	PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	-20	-16.2	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	-10	-13.47	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	0	-18.2	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	10	-19.34	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	20	-13.97	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	30	-15.71	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	40	-13.69	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_BPSK	50	-19.86	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-30	-23.55	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-20	-20.58	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	-10	-16.7	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	0	-15.18	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	10	-14.18	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	20	-16.87	0.00		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	30	-20.44	-0.01		PASS
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	40	-21.54	-0.01	PASS	
n77(3450-3550)	30	100	633334	135@67	DFT_QPSK	50	-23.79	-0.01	PASS	

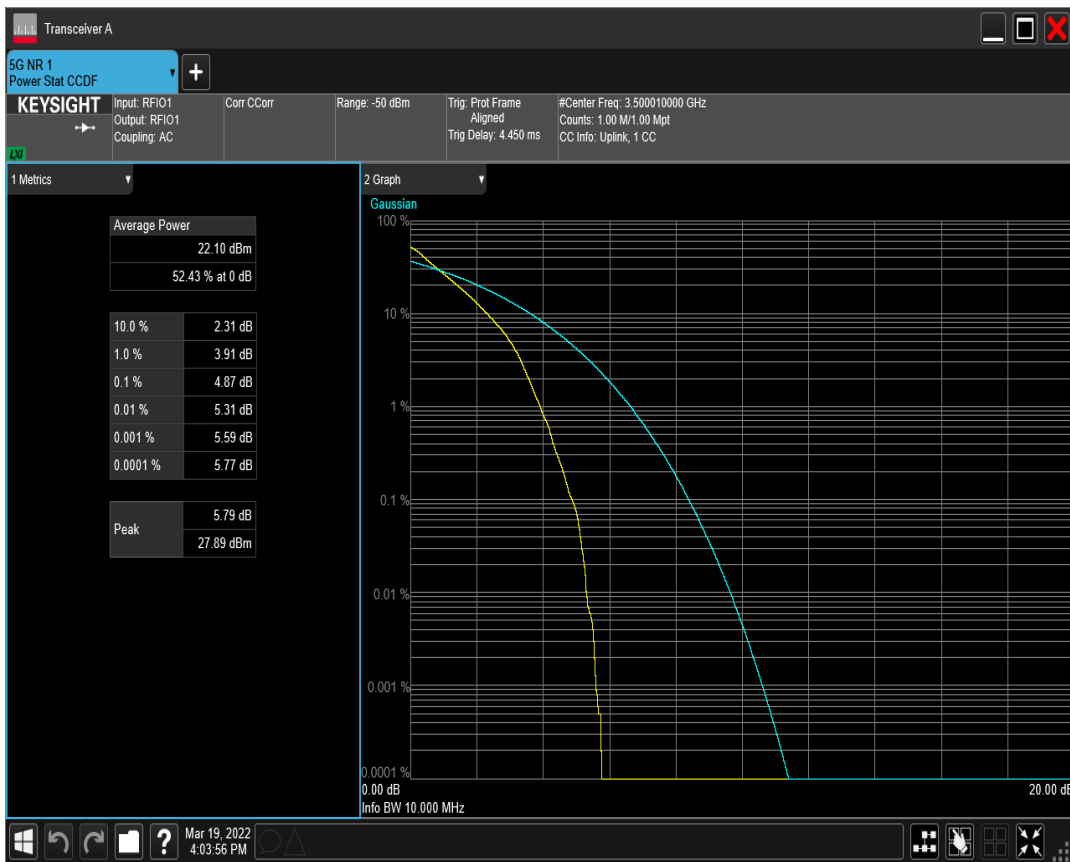
Note: Only the worst case shown in the report.

3. Peak-to-Average Ratio for NR FR1

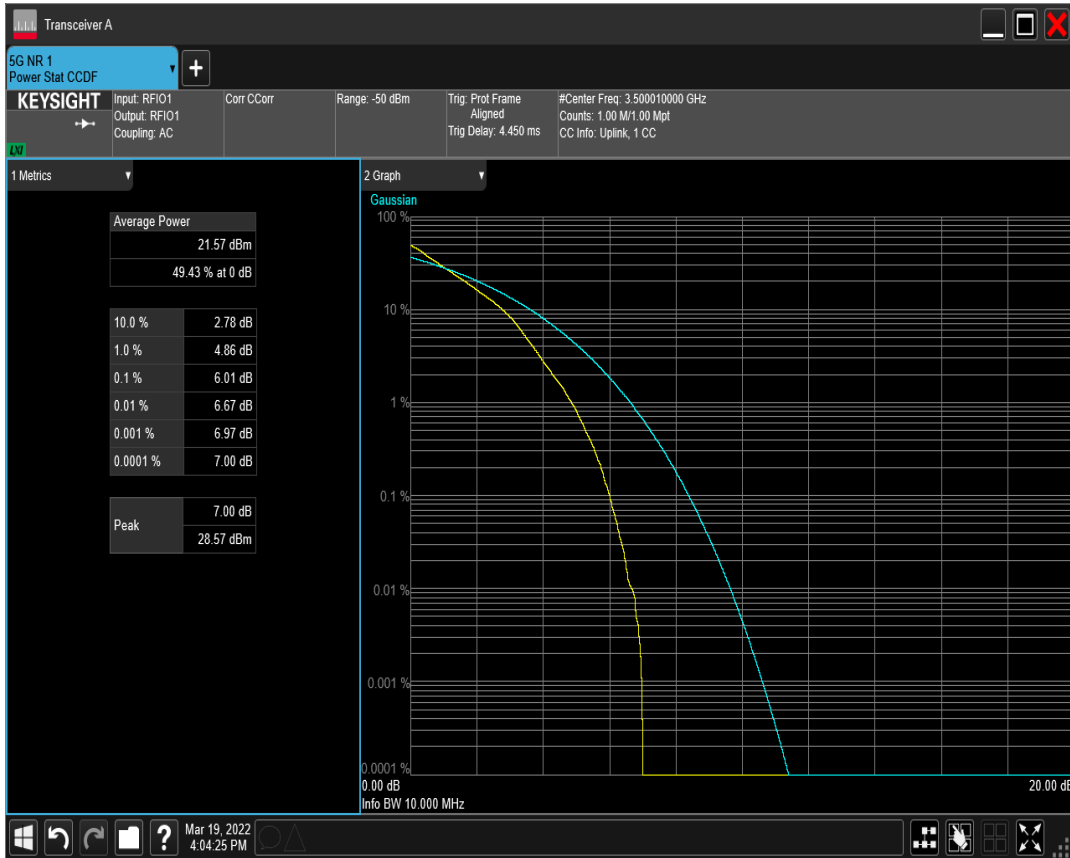
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	4.87	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	6.01	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	6.74	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	6.98	13	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	7.17	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	4.65	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	5.73	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	6.45	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	6.64	13	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	7.07	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	4.59	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	5.68	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	6.46	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	6.74	13	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	7.03	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	4.57	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	5.67	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	6.40	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	6.68	13	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	7.13	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	4.63	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	5.66	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	6.51	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	6.68	13	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	7.02	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	4.96	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	5.72	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	6.35	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	6.70	13	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	7.00	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	4.56	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	5.66	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	6.39	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	6.72	13	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	7.05	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	5.14	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	5.78	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	6.50	13	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	6.76	13	PASS

n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	7.08	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	4.92	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	5.84	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	6.51	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	6.71	13	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	6.97	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	5.24	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	5.77	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	6.52	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	6.73	13	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	7.02	13	PASS

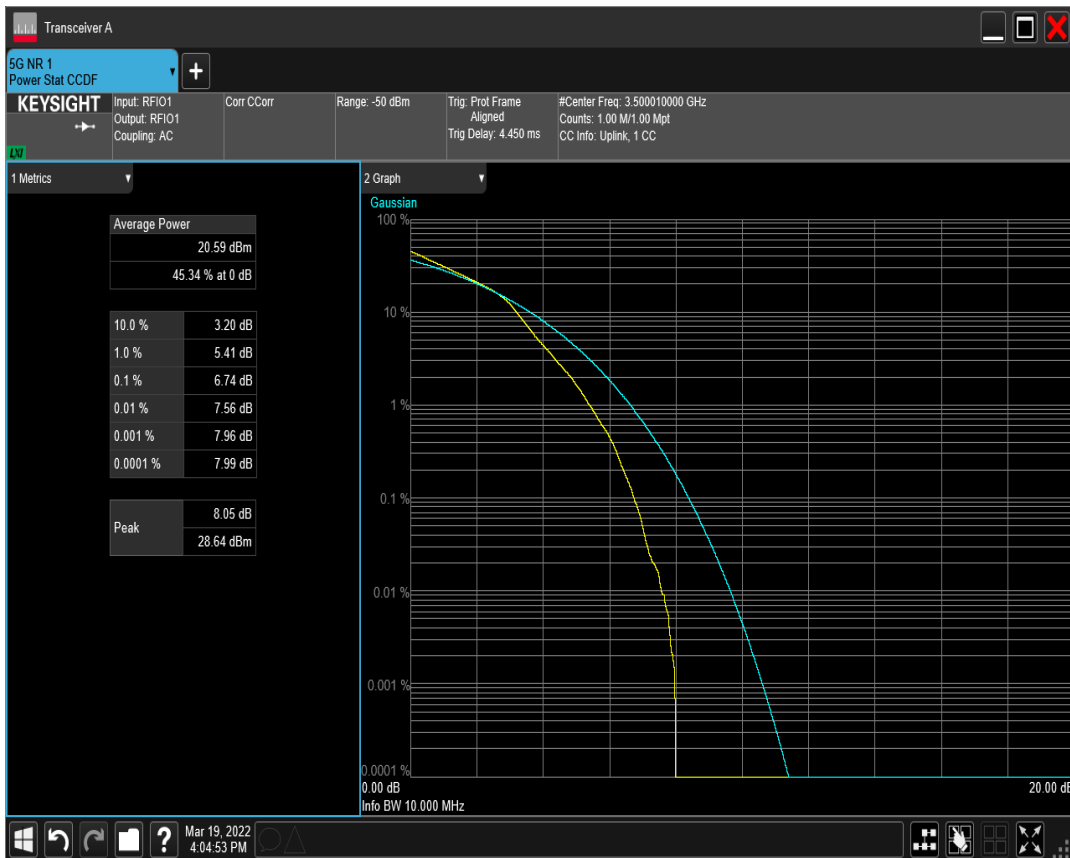
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=633334 RB=24@0



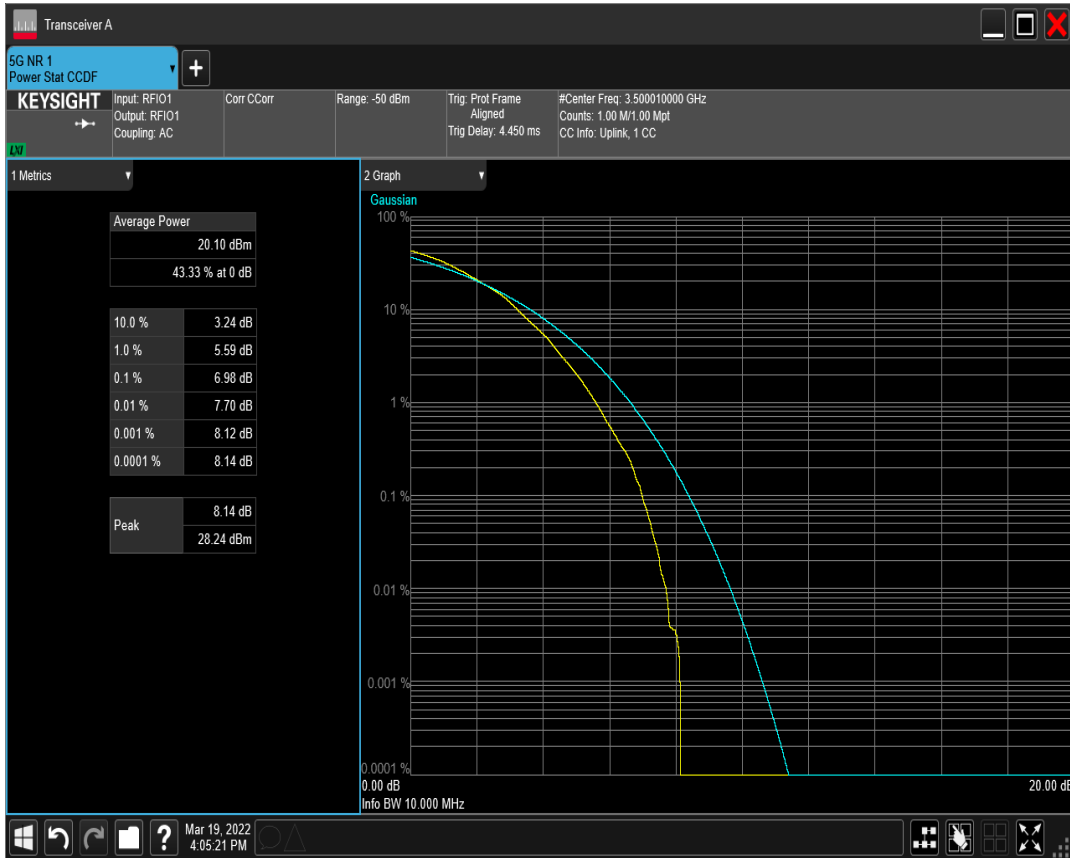
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



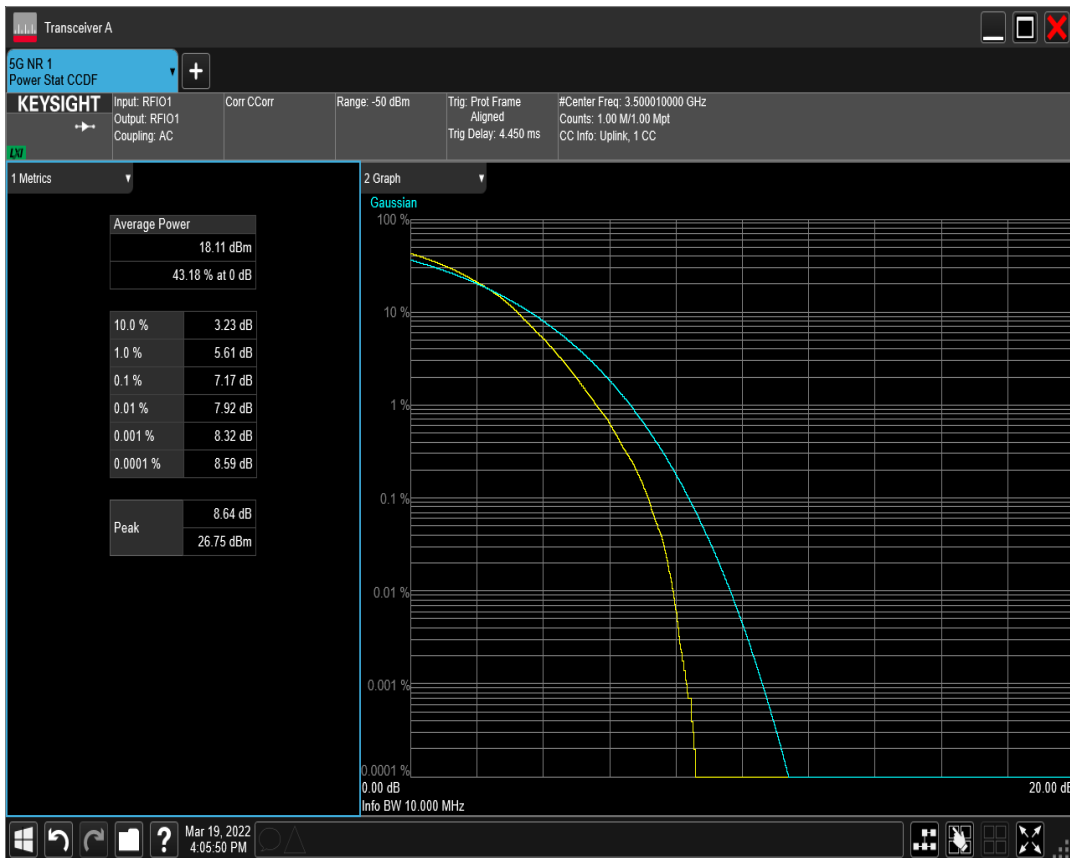
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=633334 RB=24@0



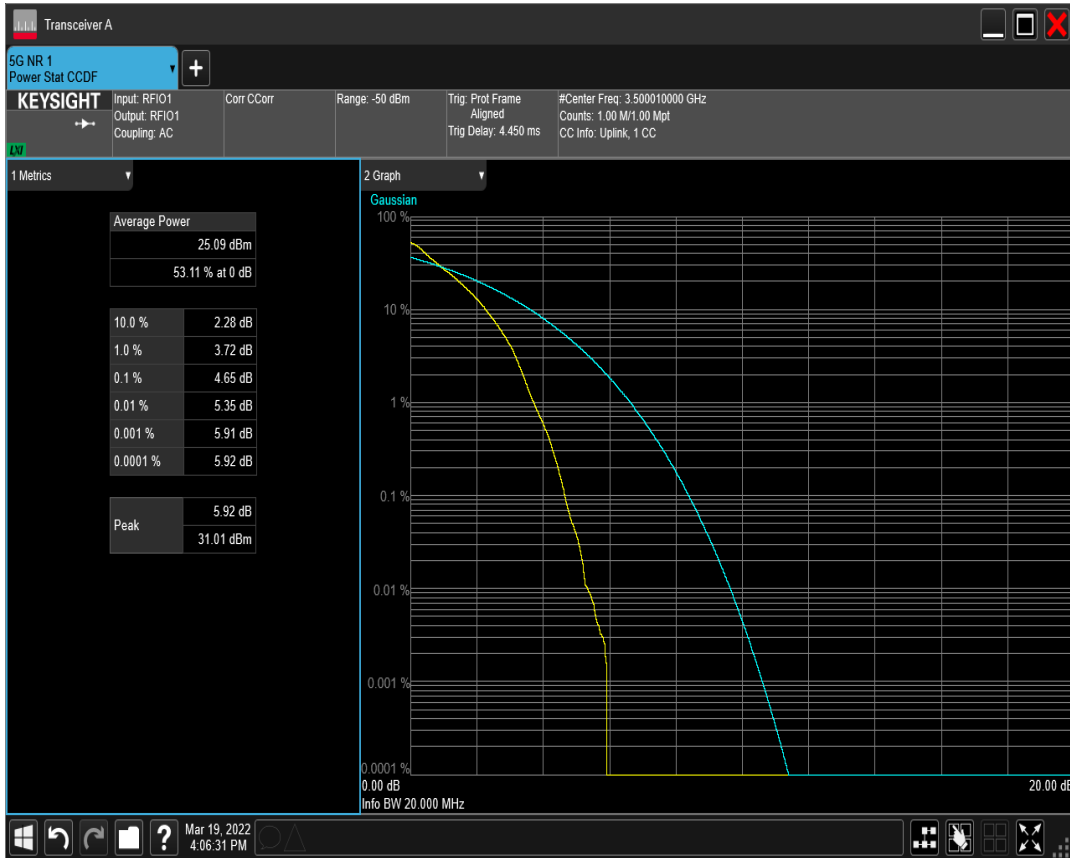
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=633334 RB=24@0



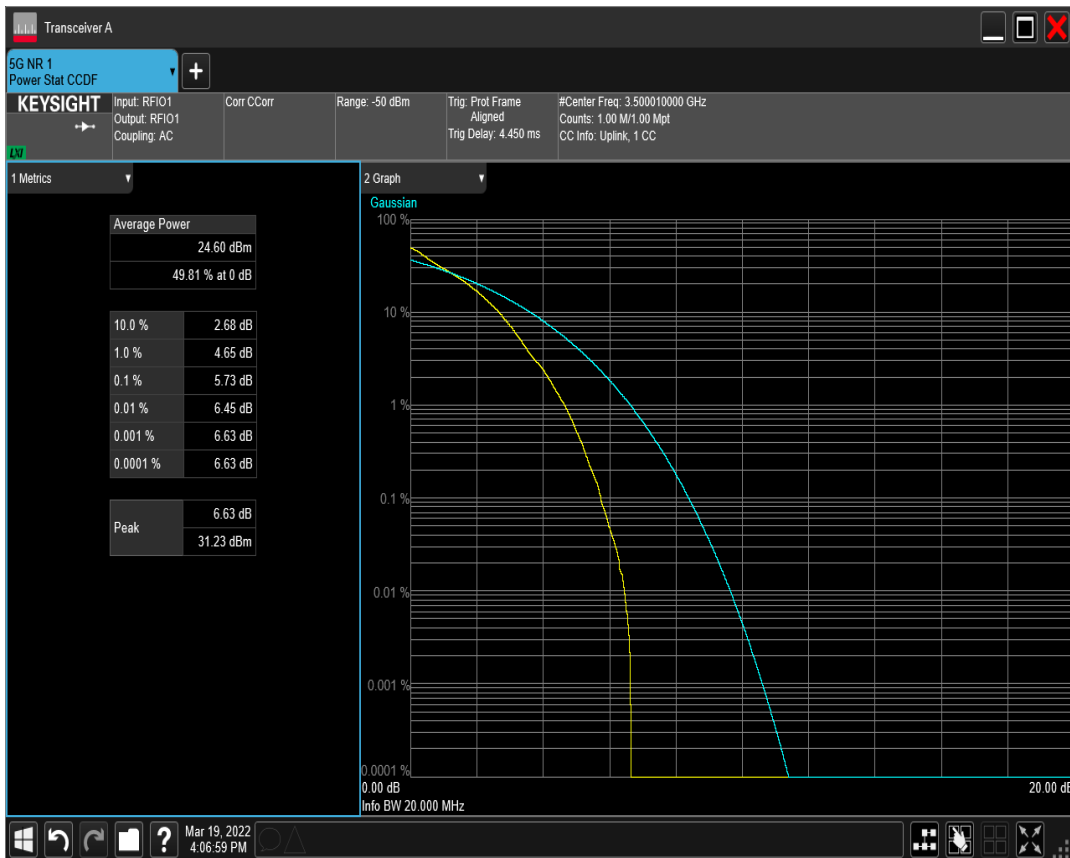
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=633334 RB=24@0



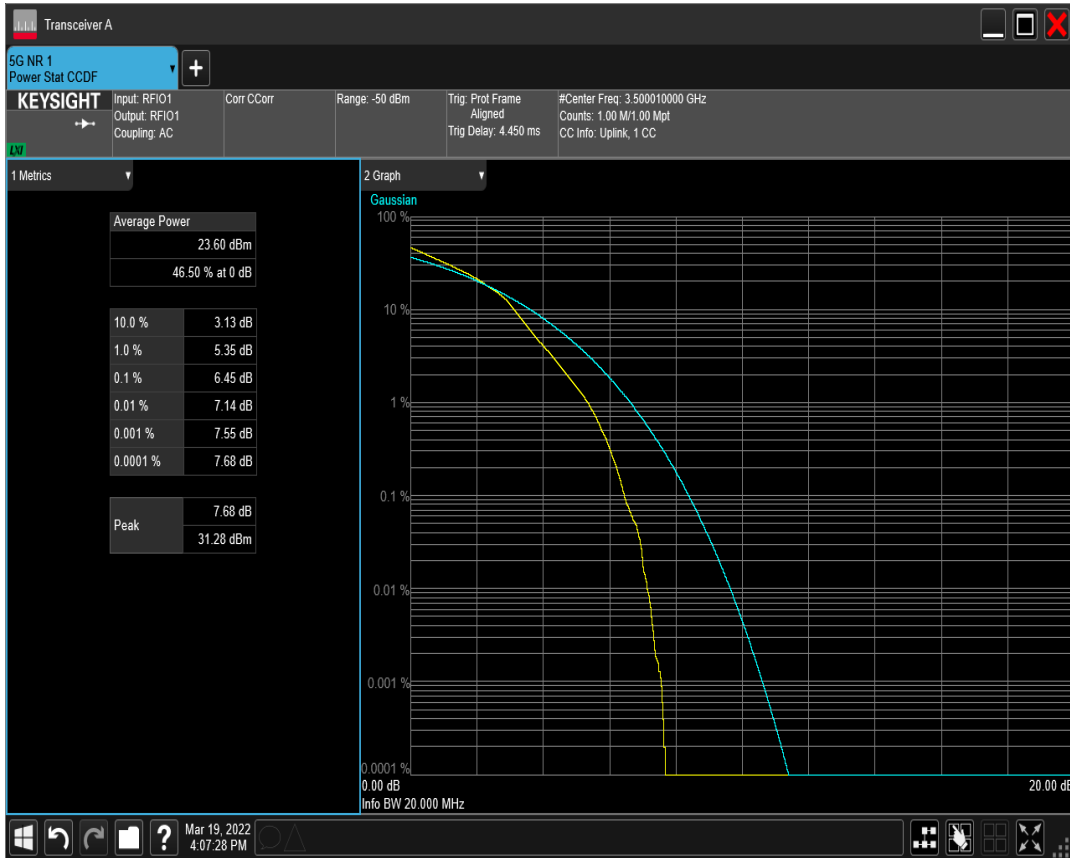
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=633334 RB=36@0



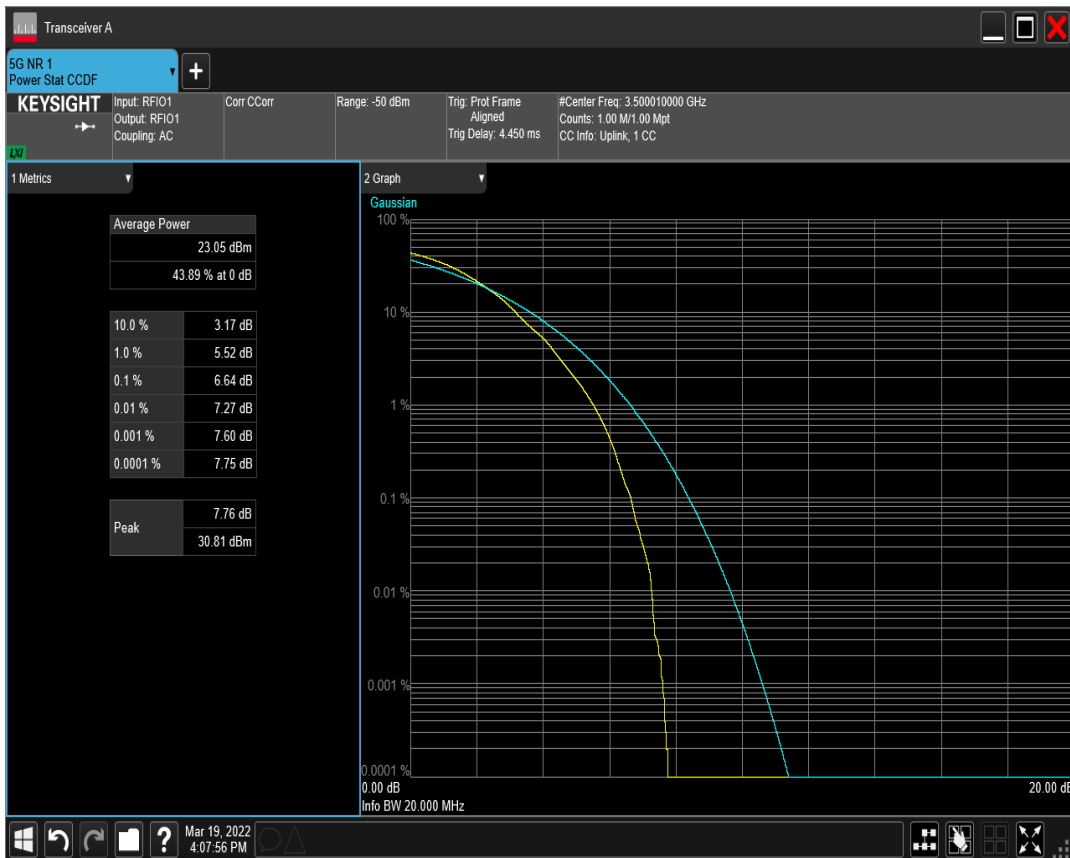
n77(3450-3550) SCS=30kHz DFT_QPSK BW=15MHz Channel=633334 RB=36@0



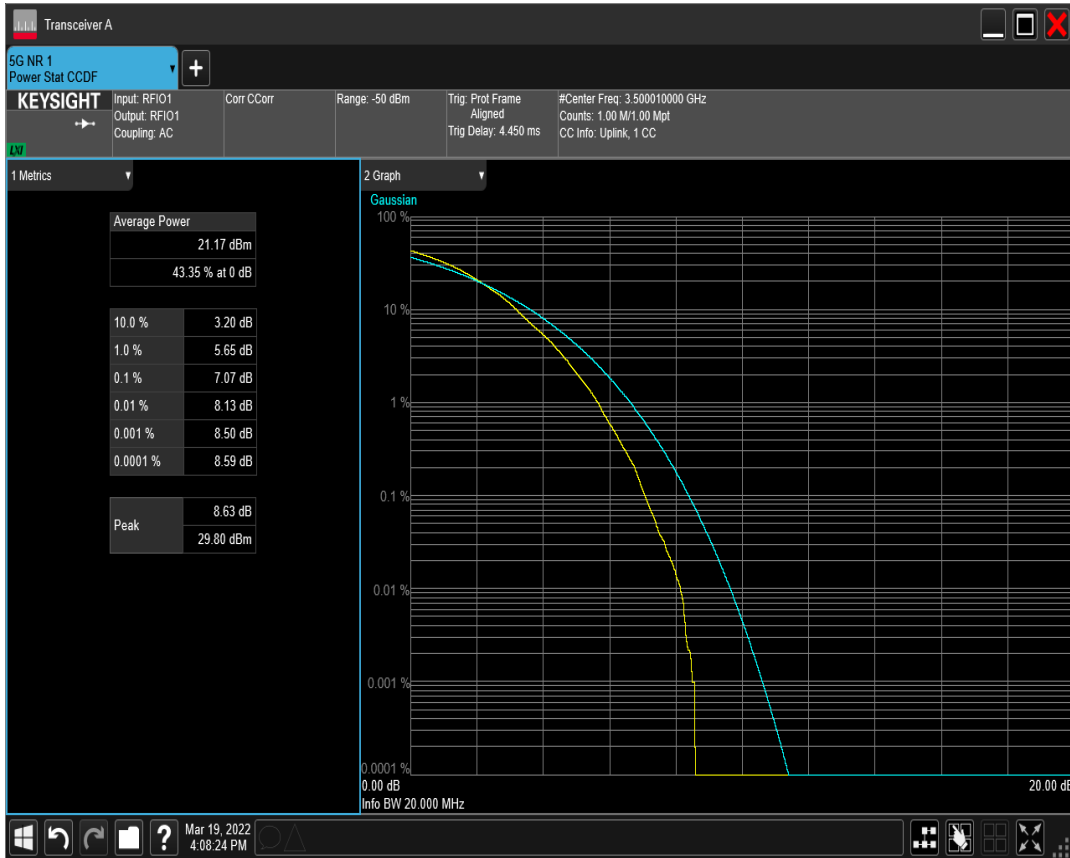
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=15MHz Channel=633334 RB=36@0



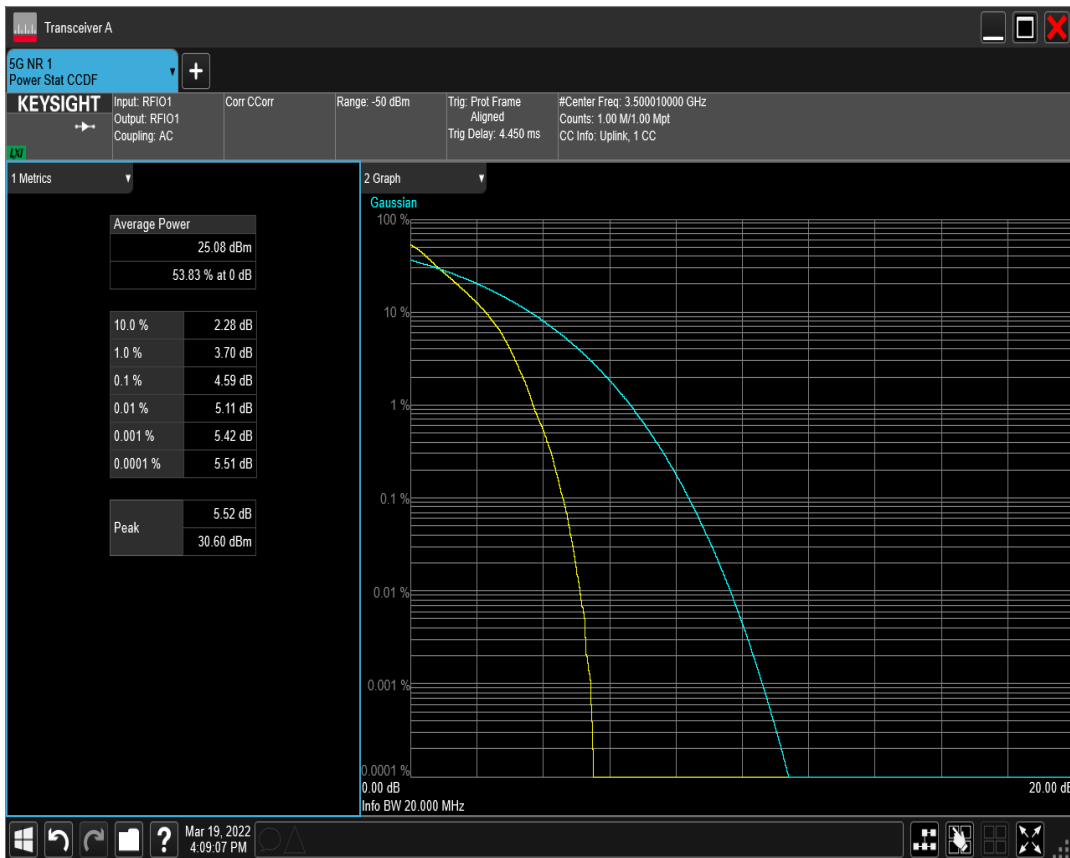
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=15MHz Channel=633334 RB=36@0



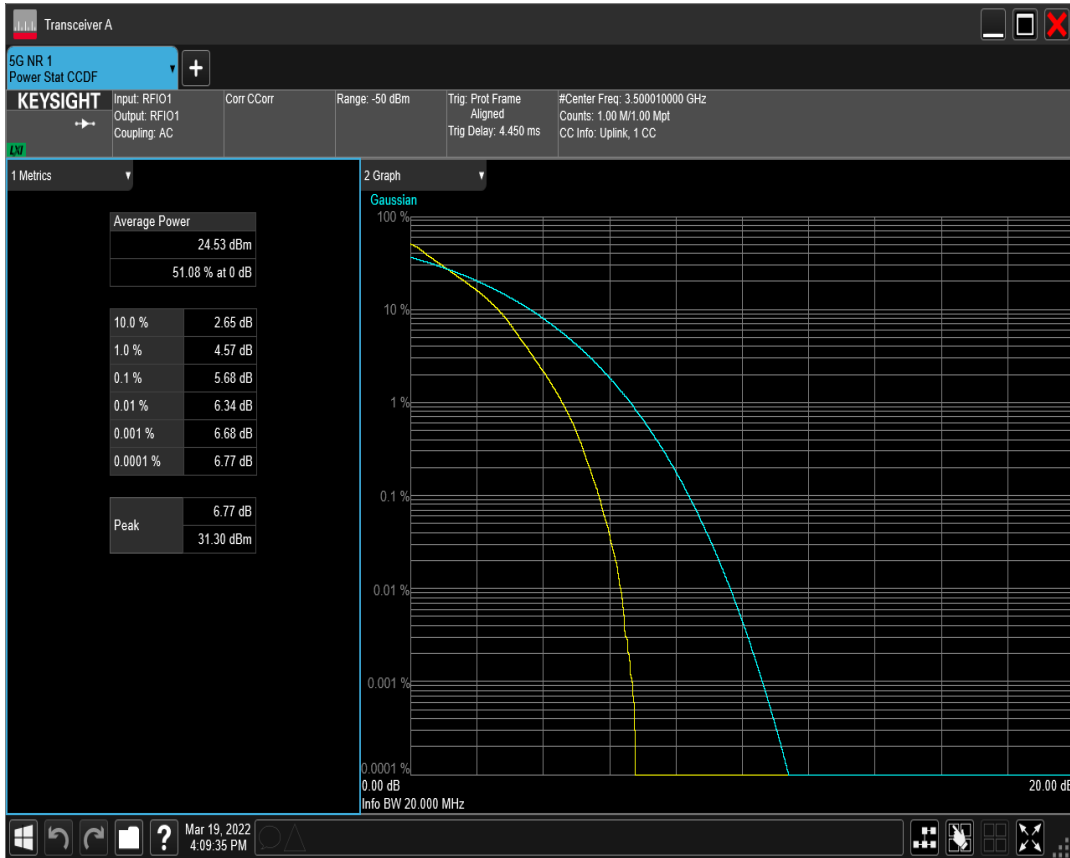
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=15MHz Channel=633334 RB=36@0



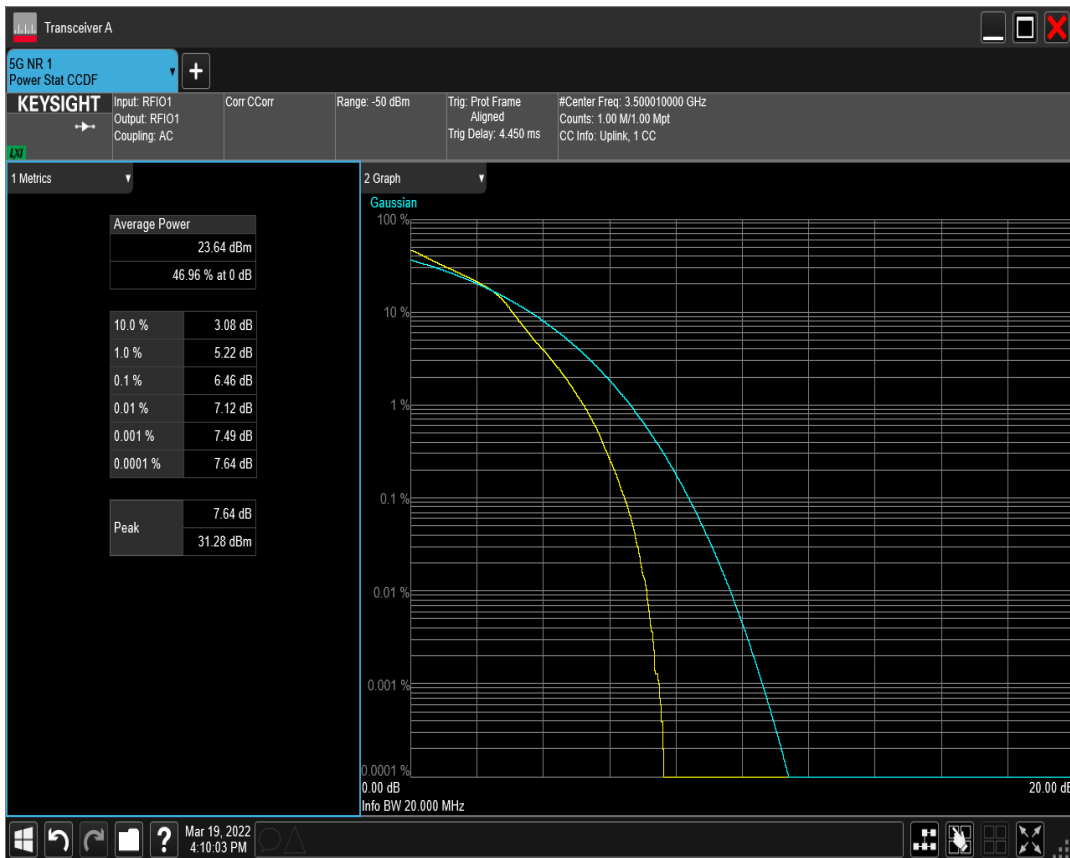
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=633334 RB=50@0



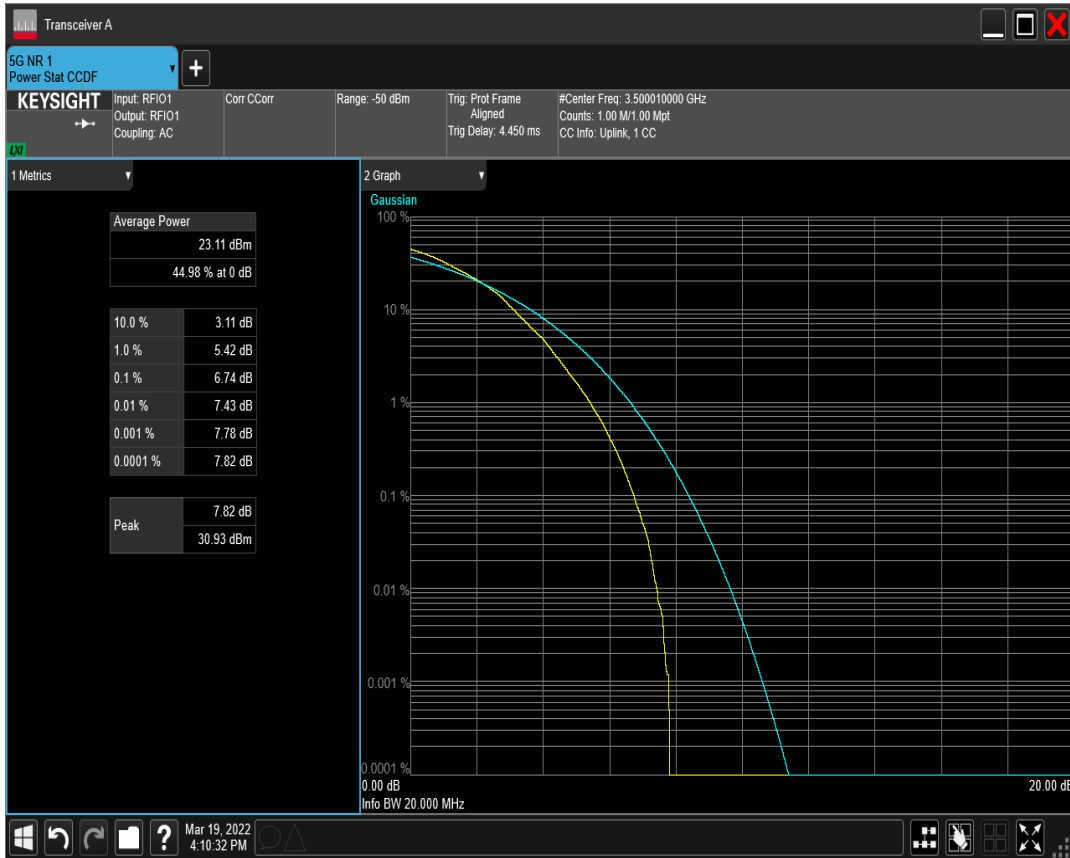
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=50@0



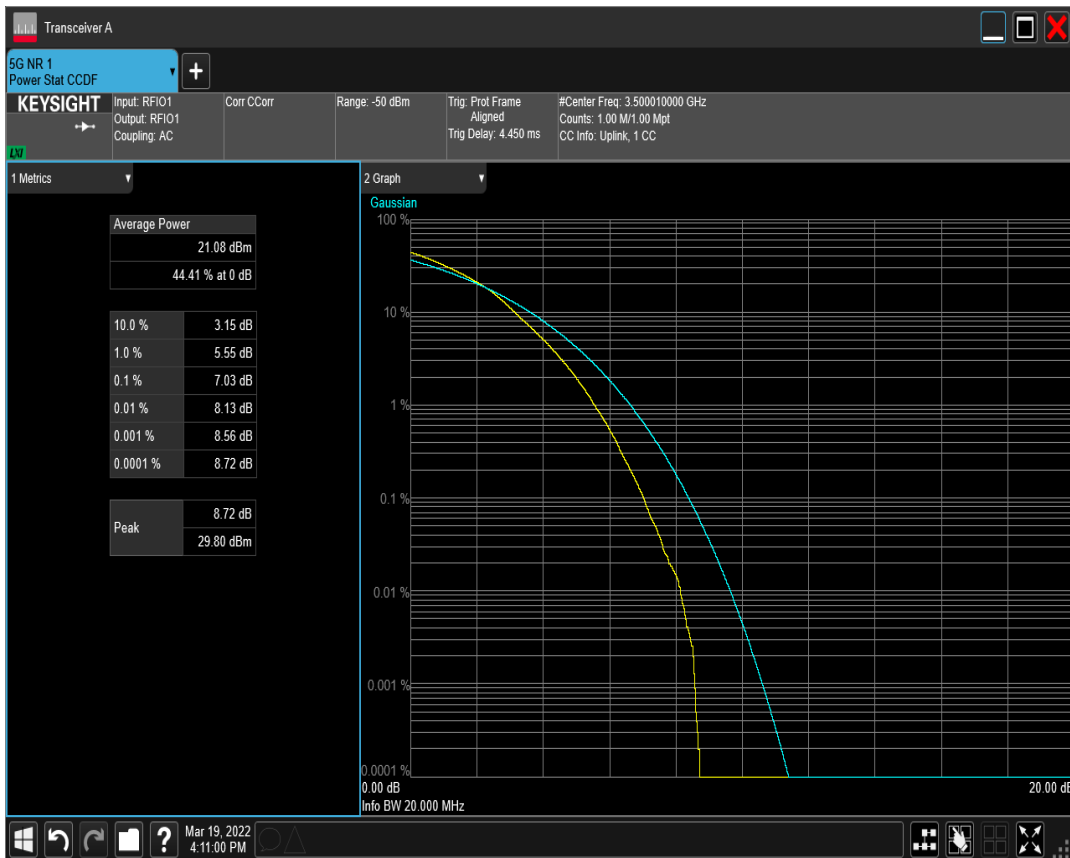
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=20MHz Channel=633334 RB=50@0



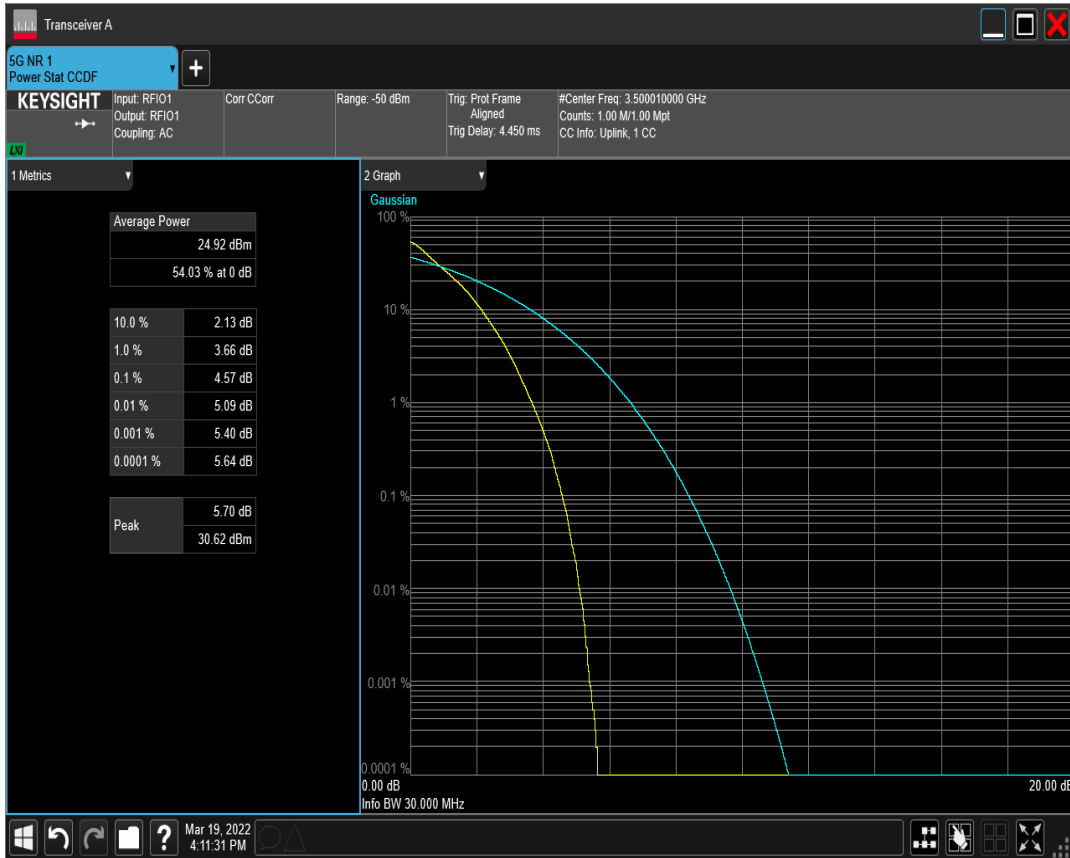
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=20MHz Channel=633334 RB=50@0



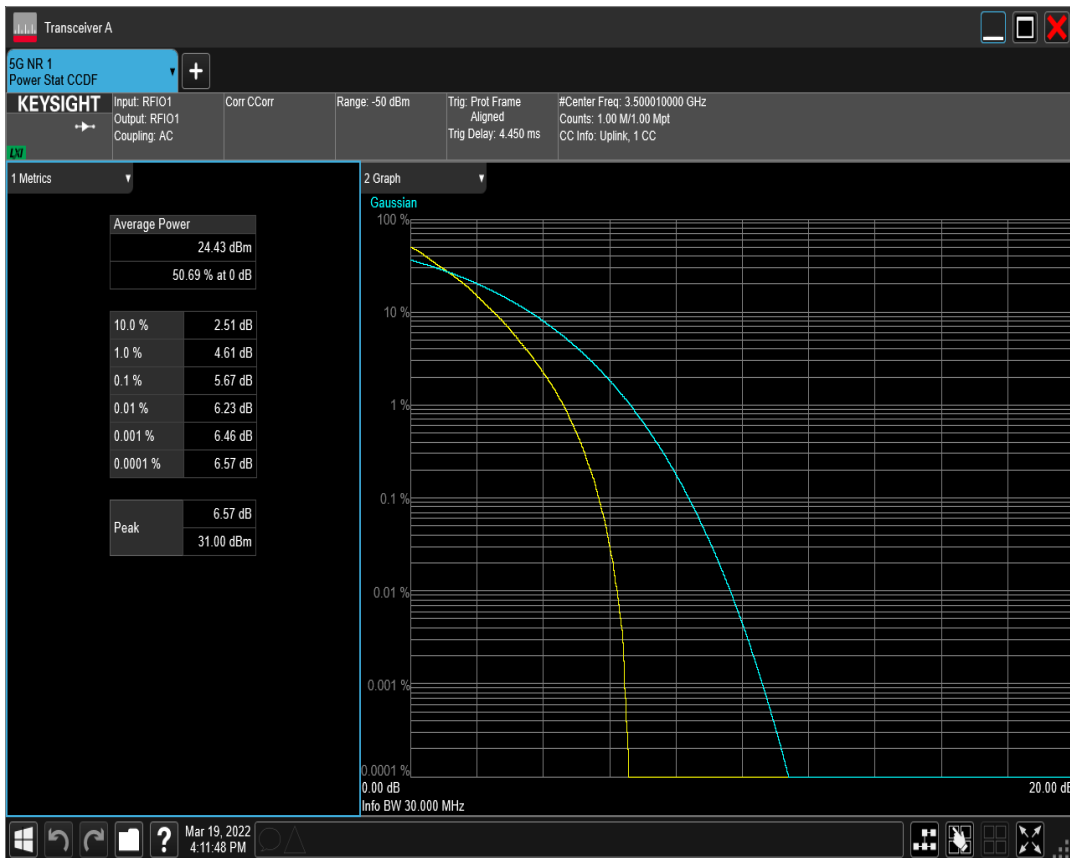
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=20MHz Channel=633334 RB=50@0



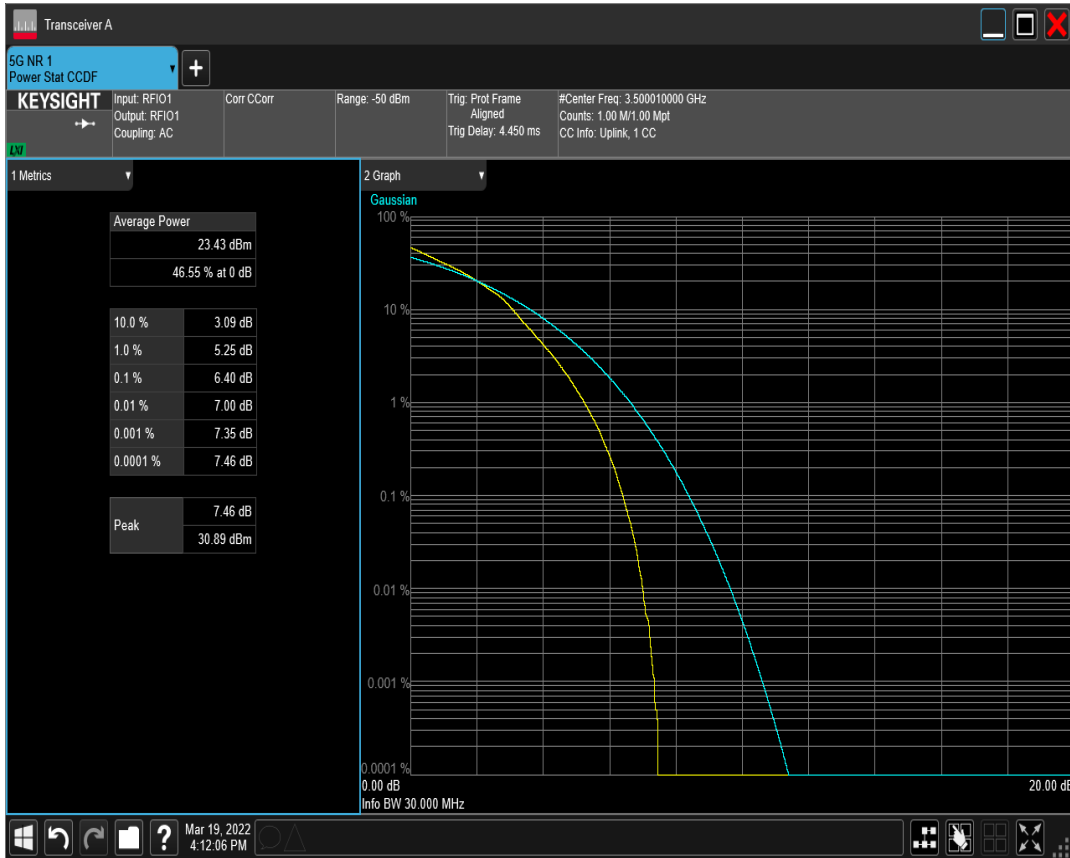
n77(3450-3550) SCS=30kHz DFT_BPSK BW=30MHz Channel=633334 RB=75@0



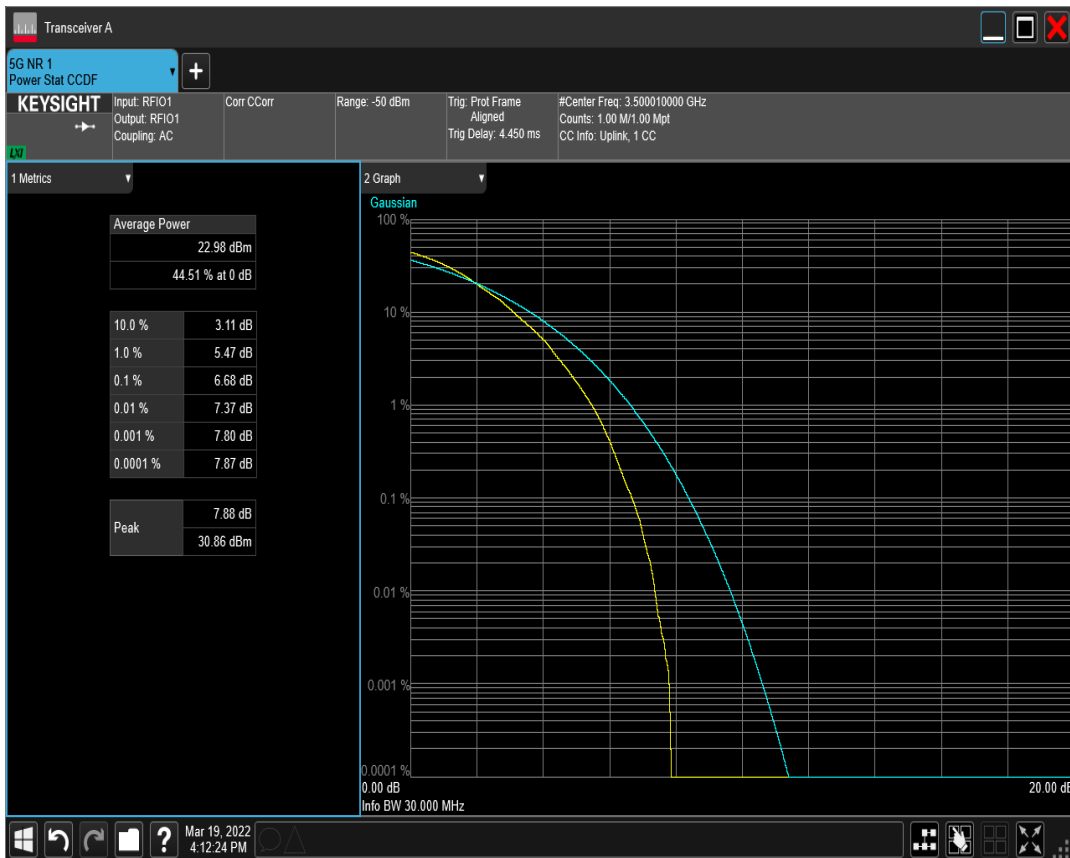
n77(3450-3550) SCS=30kHz DFT_QPSK BW=30MHz Channel=633334 RB=75@0



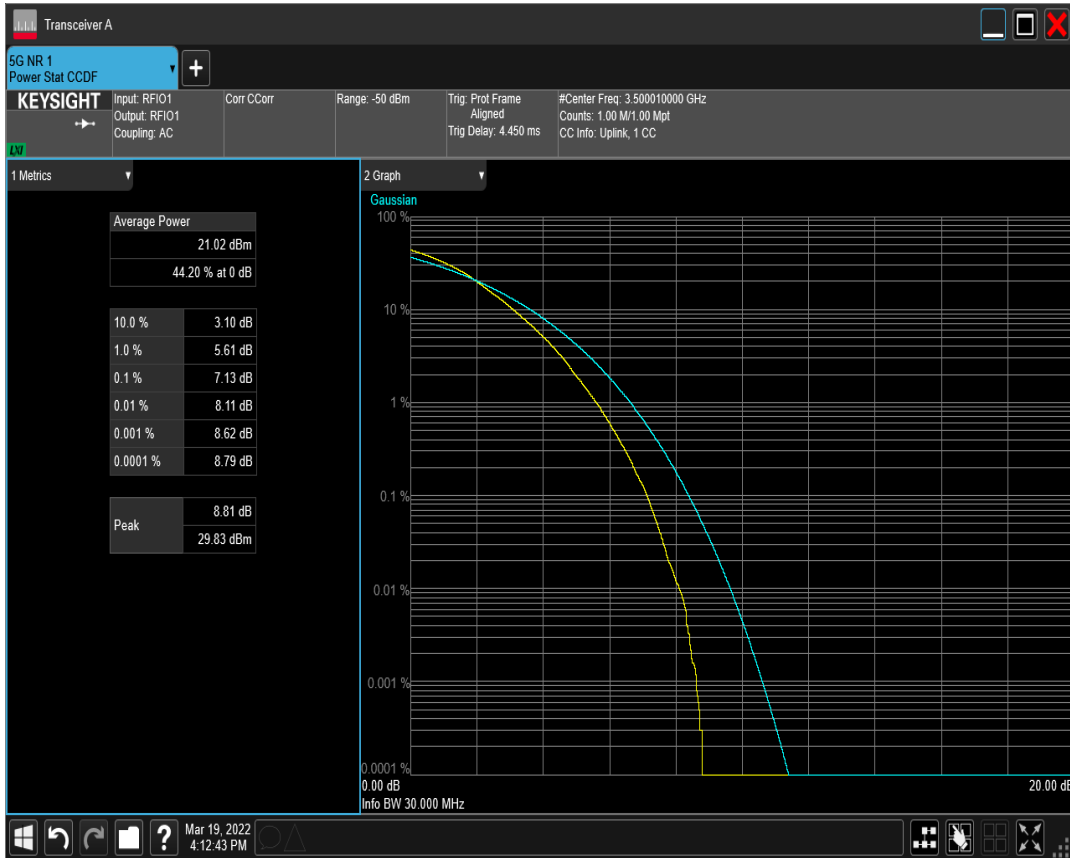
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=30MHz Channel=633334 RB=75@0



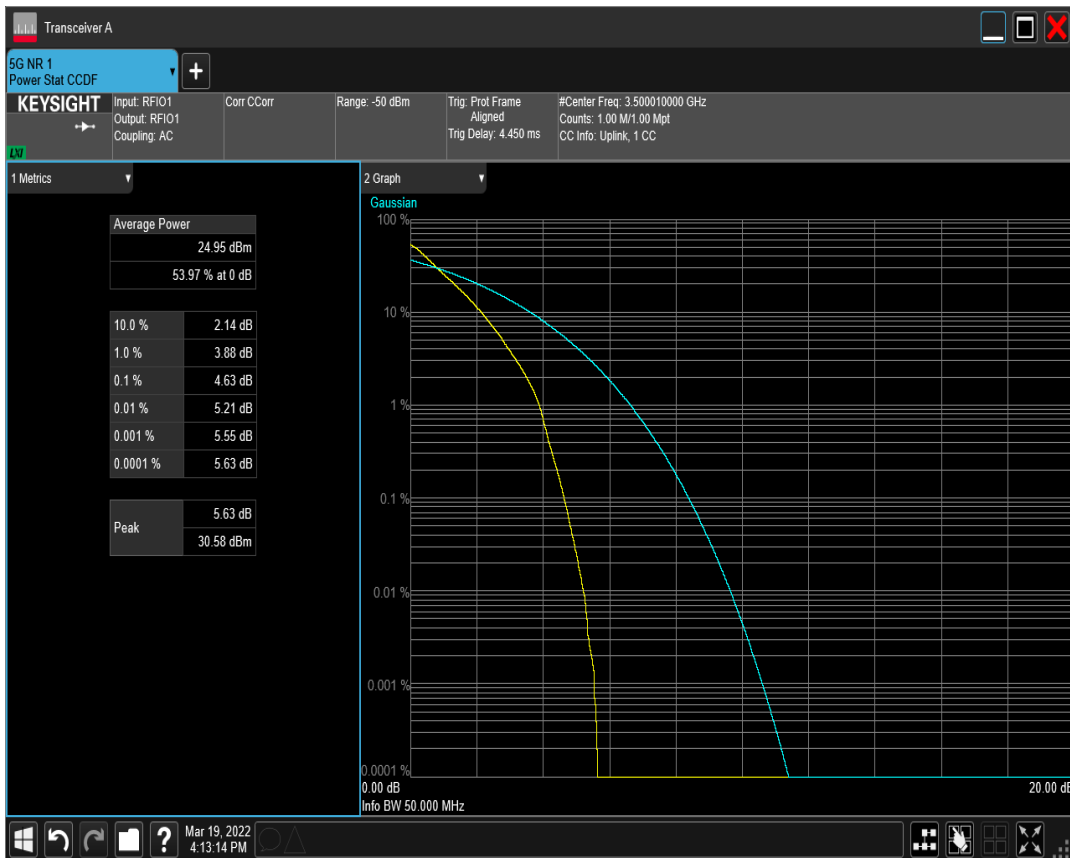
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=30MHz Channel=633334 RB=75@0



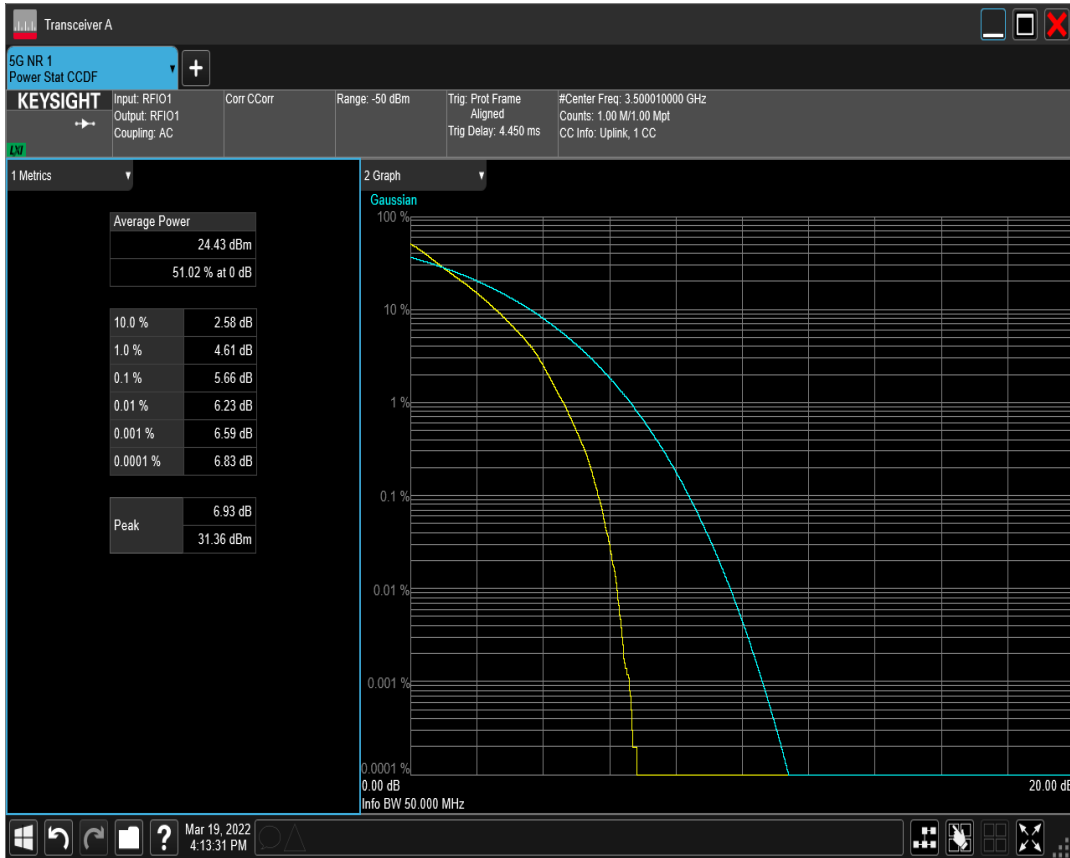
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=30MHz Channel=633334 RB=75@0



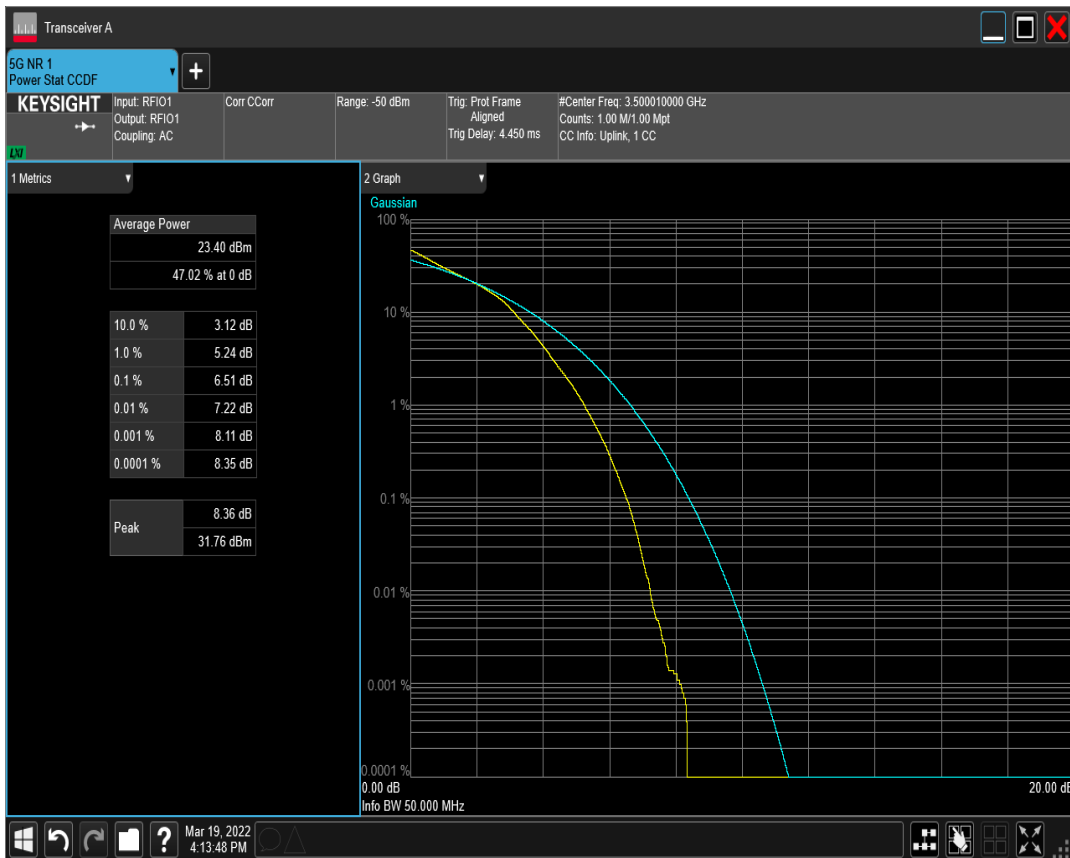
n77(3450-3550) SCS=30kHz DFT_BPSK BW=40MHz Channel=633334 RB=100@0



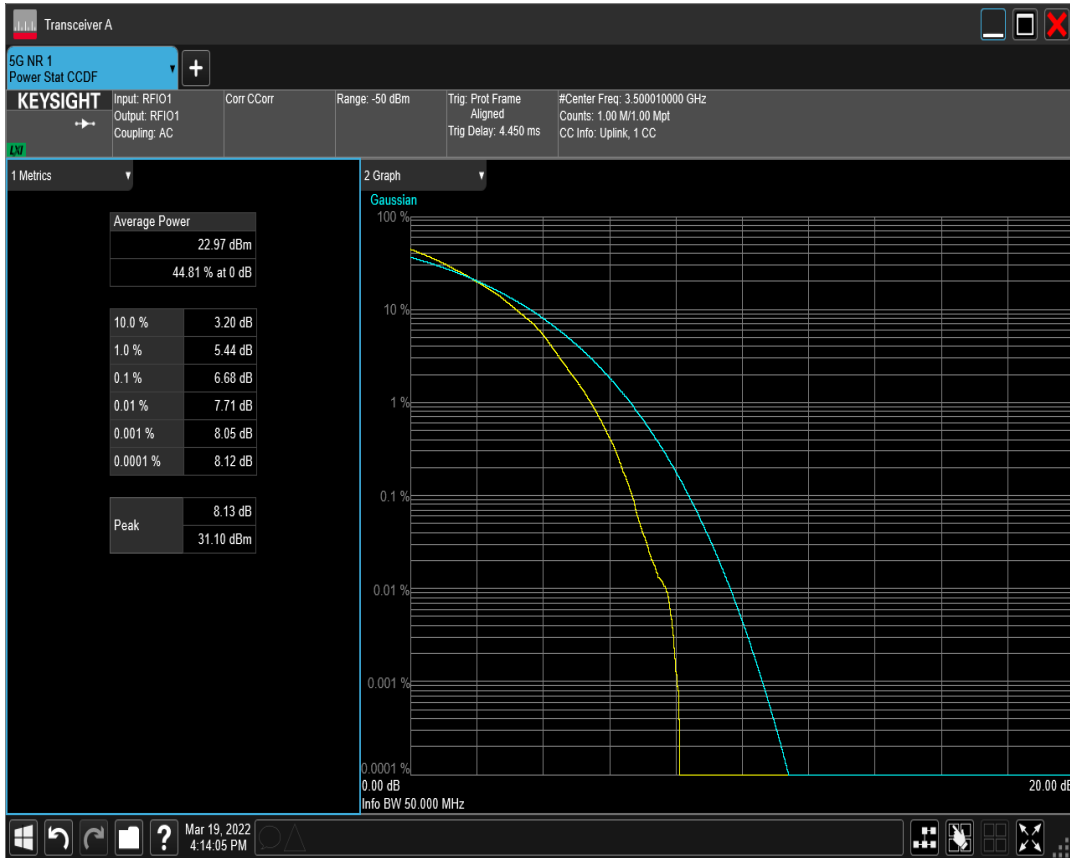
n77(3450-3550) SCS=30kHz DFT_QPSK BW=40MHz Channel=633334 RB=100@0



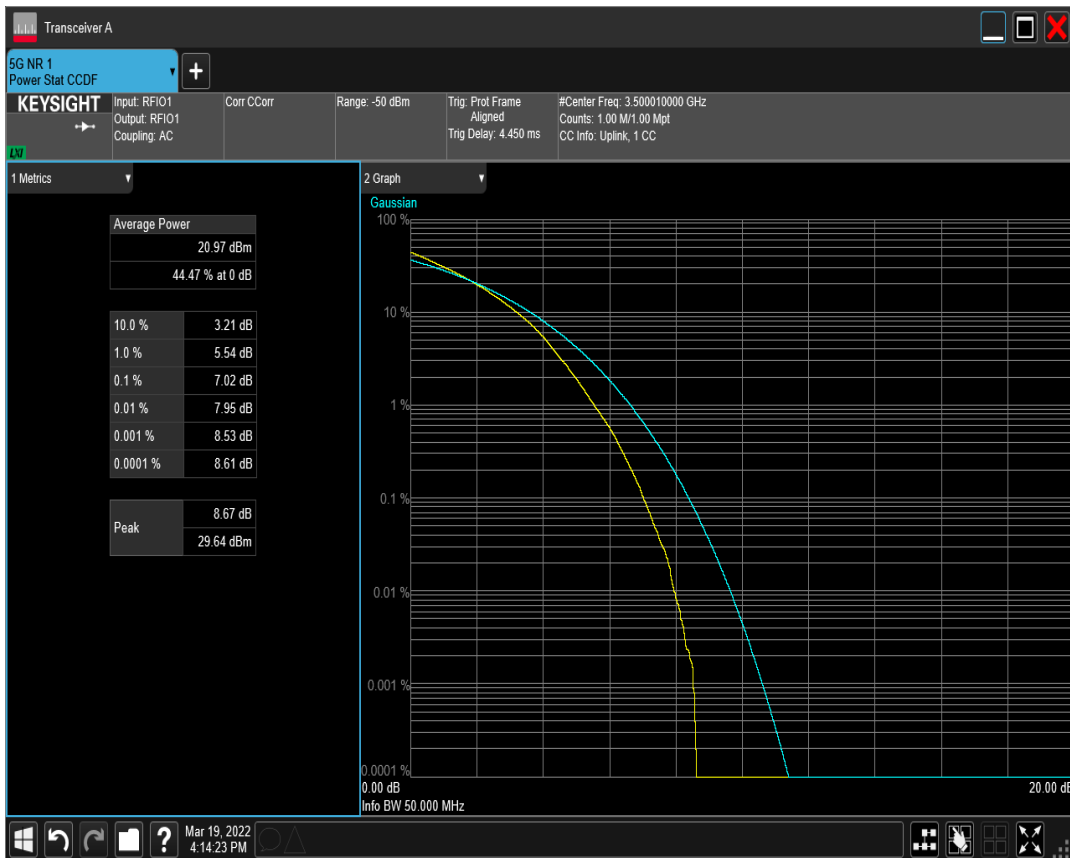
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=40MHz Channel=633334 RB=100@0



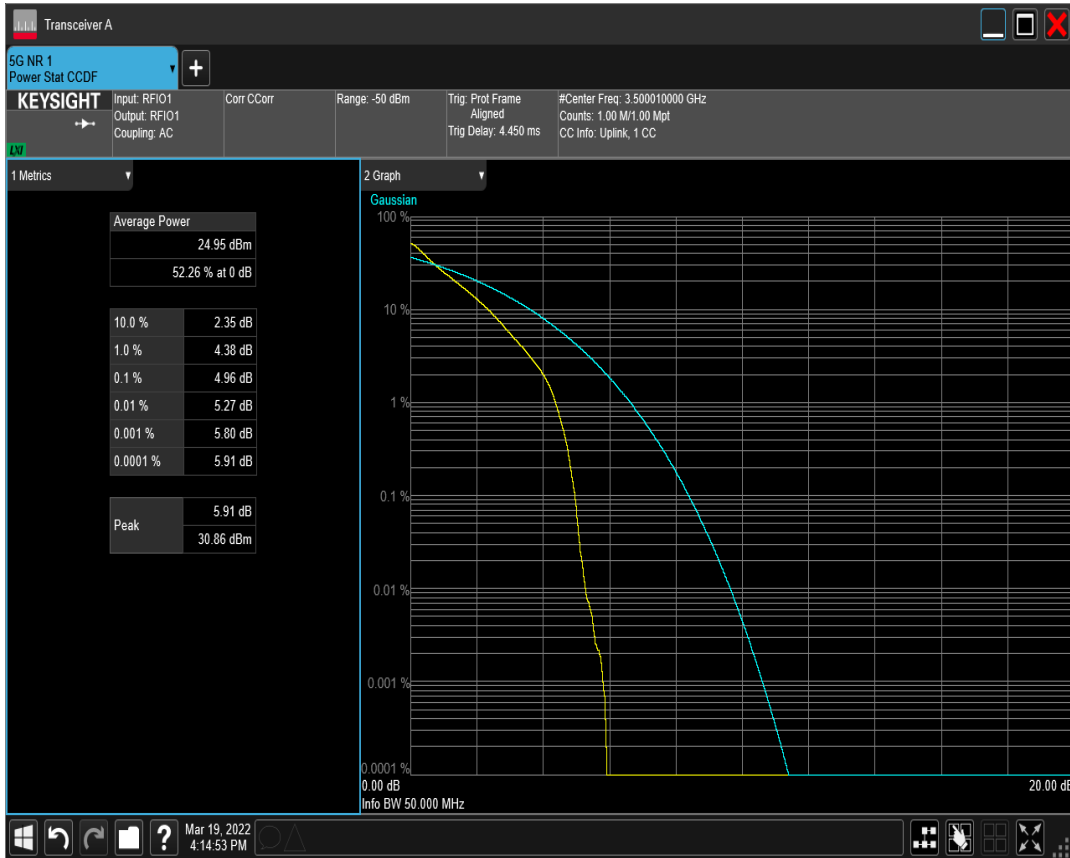
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=40MHz Channel=633334 RB=100@0



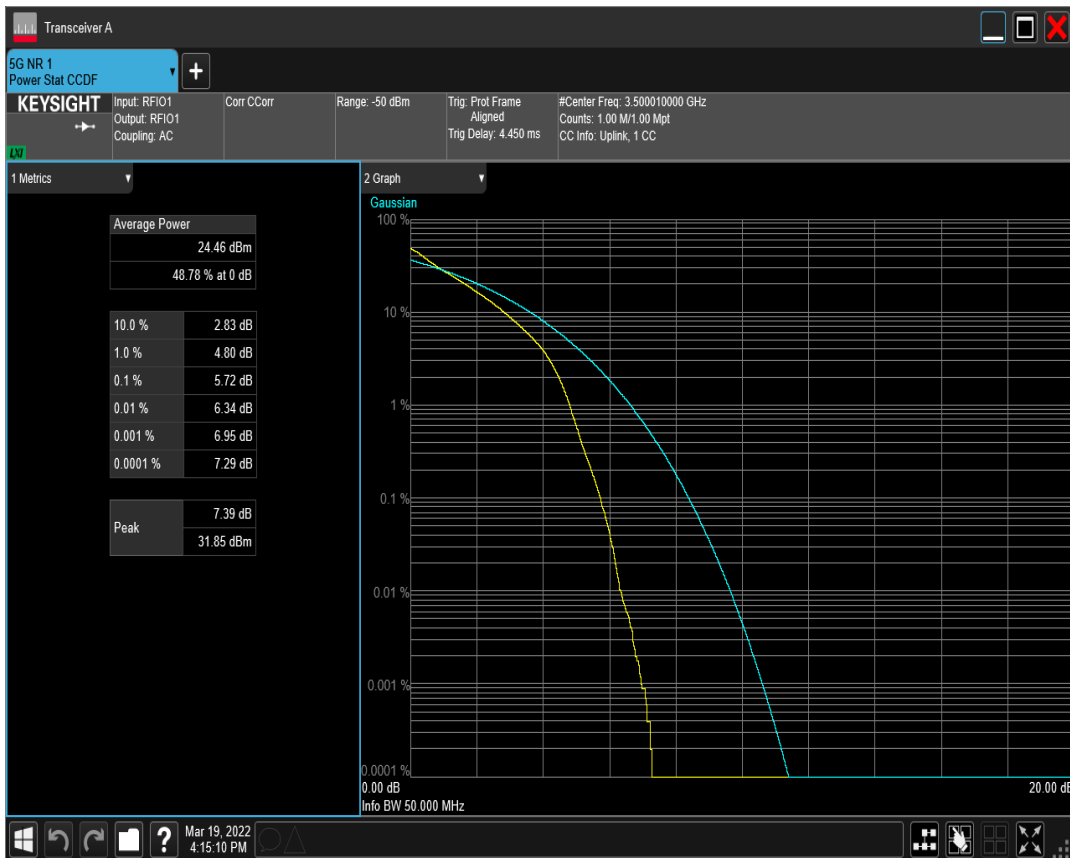
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=40MHz Channel=633334 RB=100@0



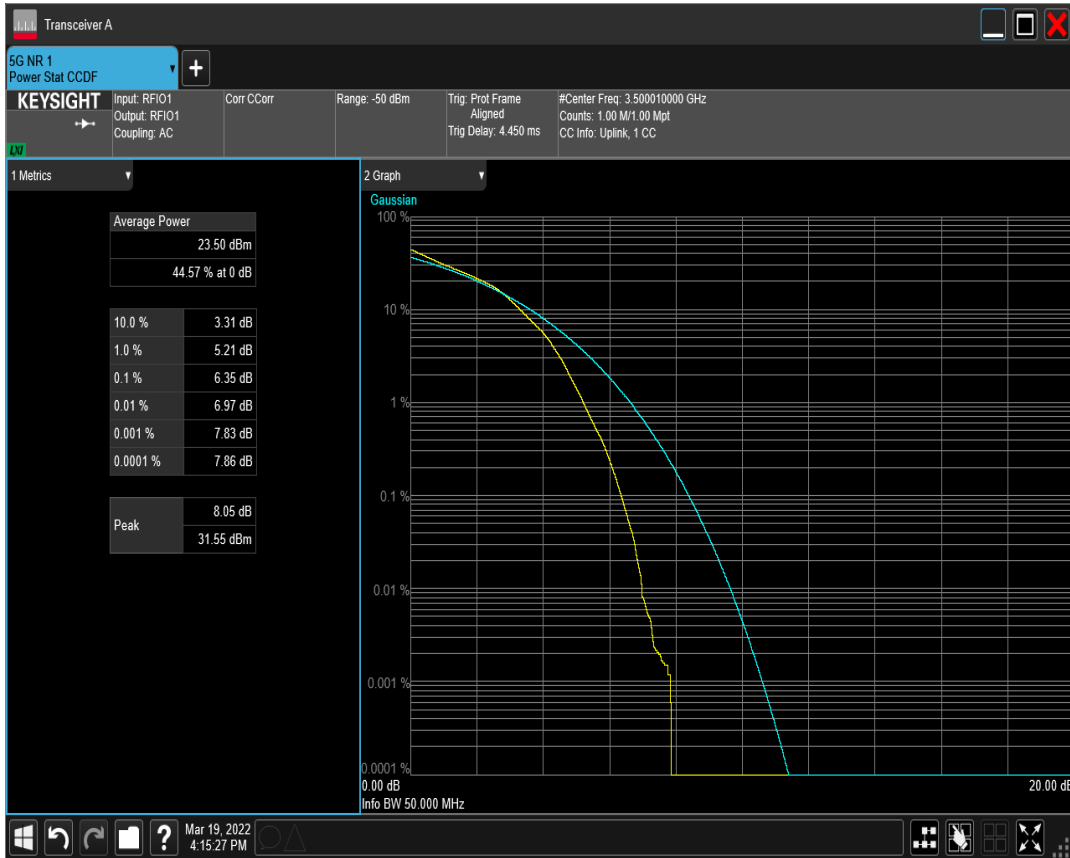
n77(3450-3550) SCS=30kHz DFT_BPSK BW=50MHz Channel=633334 RB=128@0



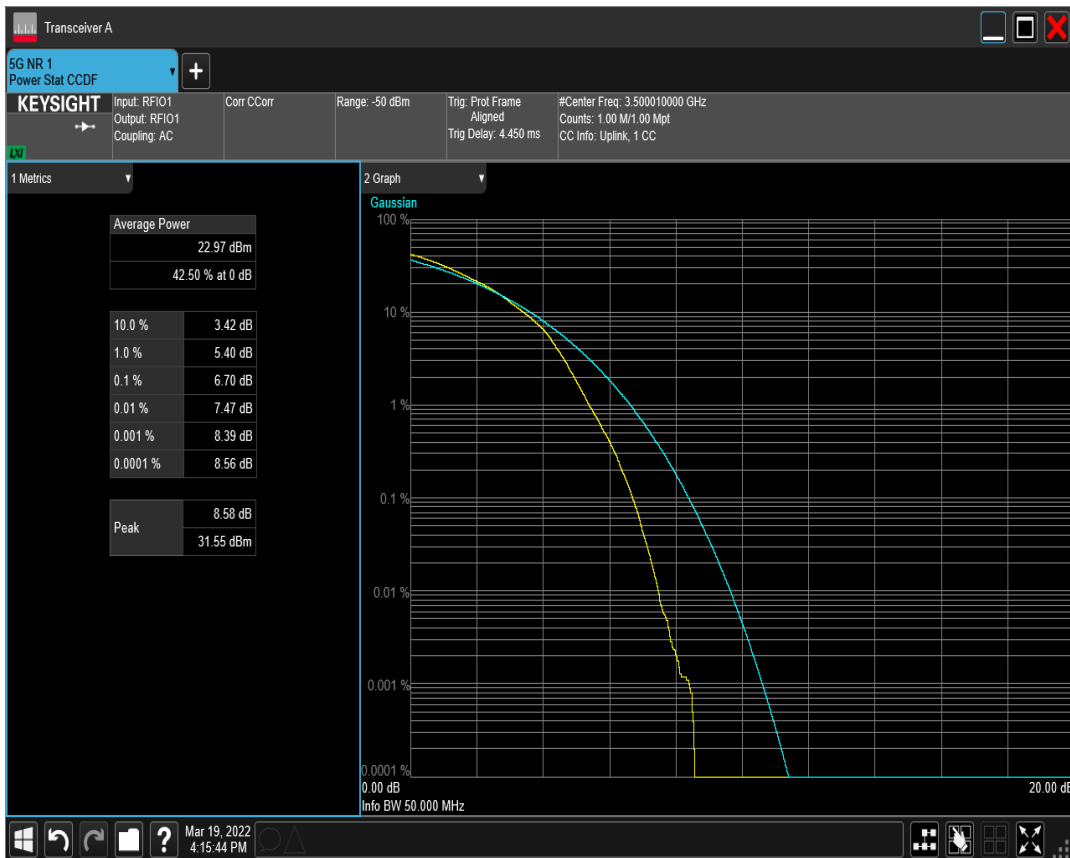
n77(3450-3550) SCS=30kHz DFT_QPSK BW=50MHz Channel=633334 RB=128@0



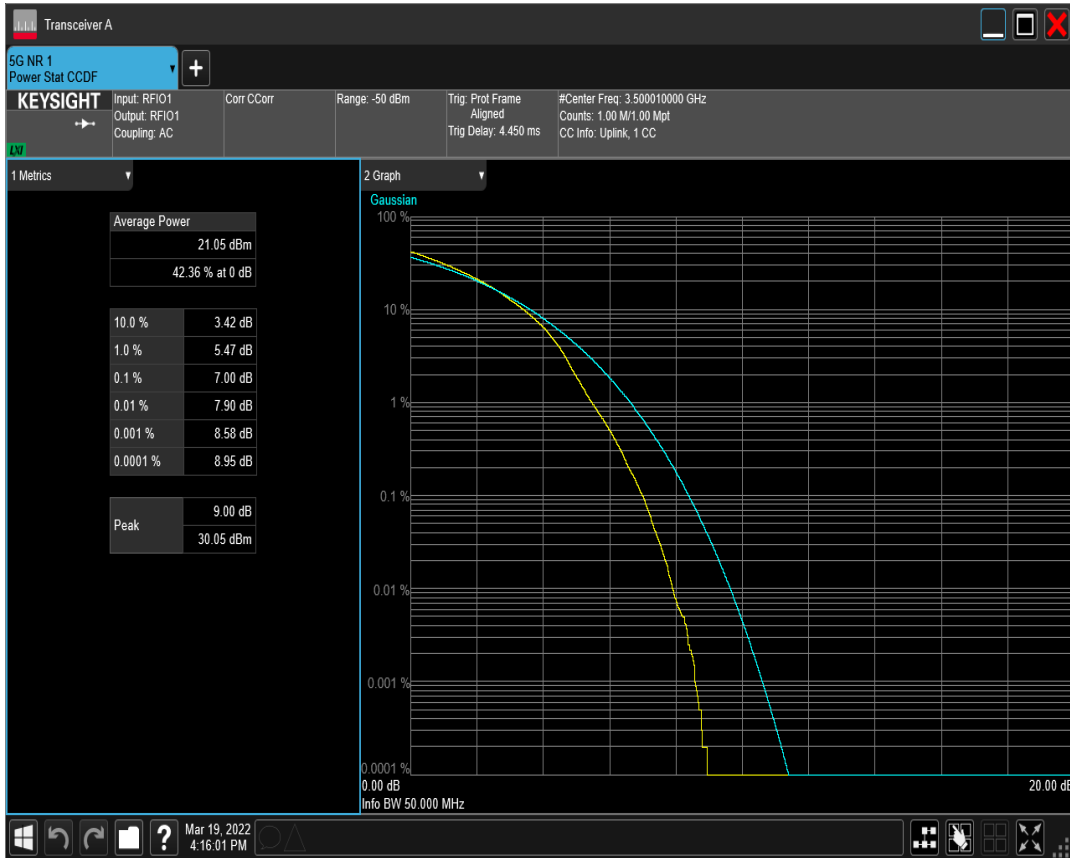
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=50MHz Channel=633334 RB=128@0



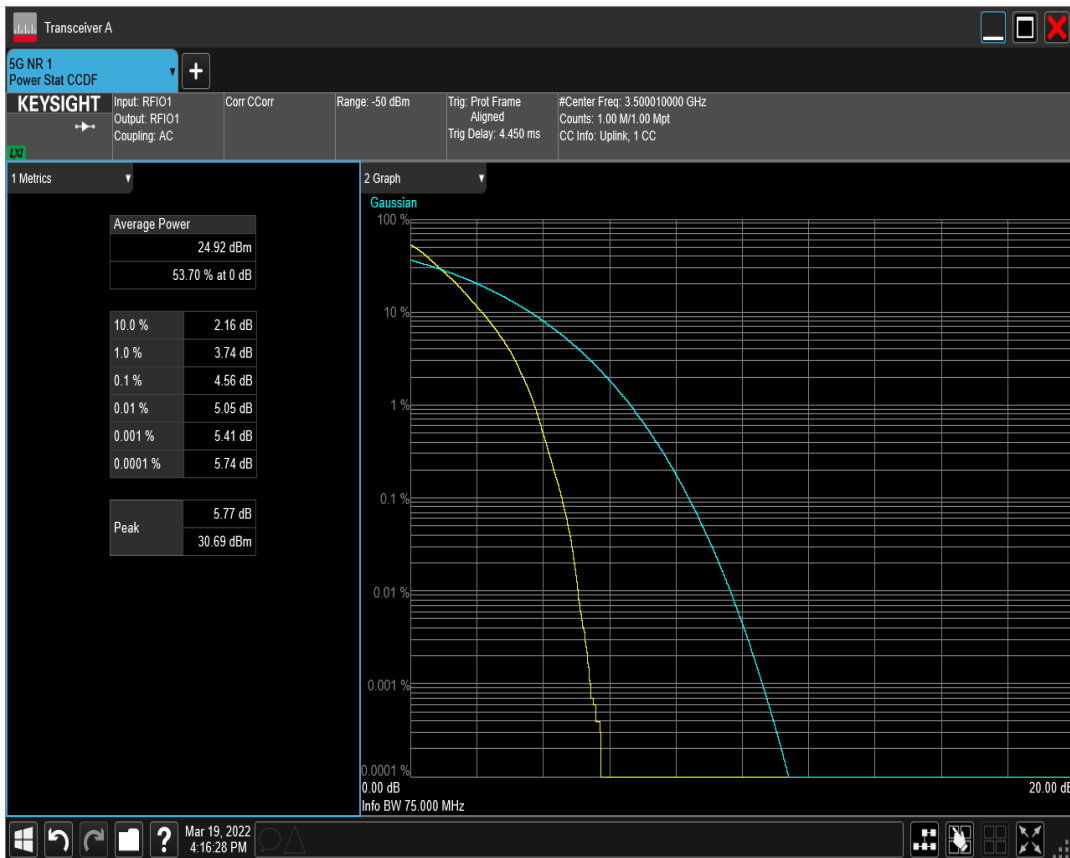
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=50MHz Channel=633334 RB=128@0



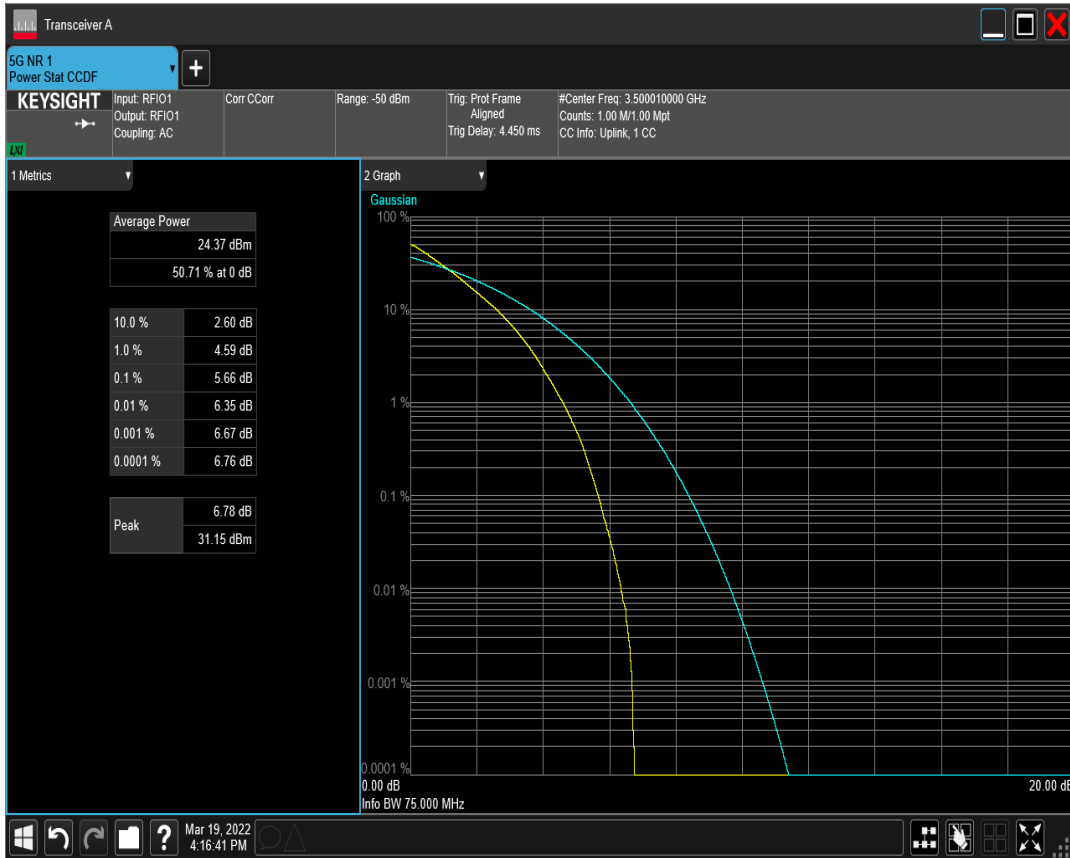
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=50MHz Channel=633334 RB=128@0



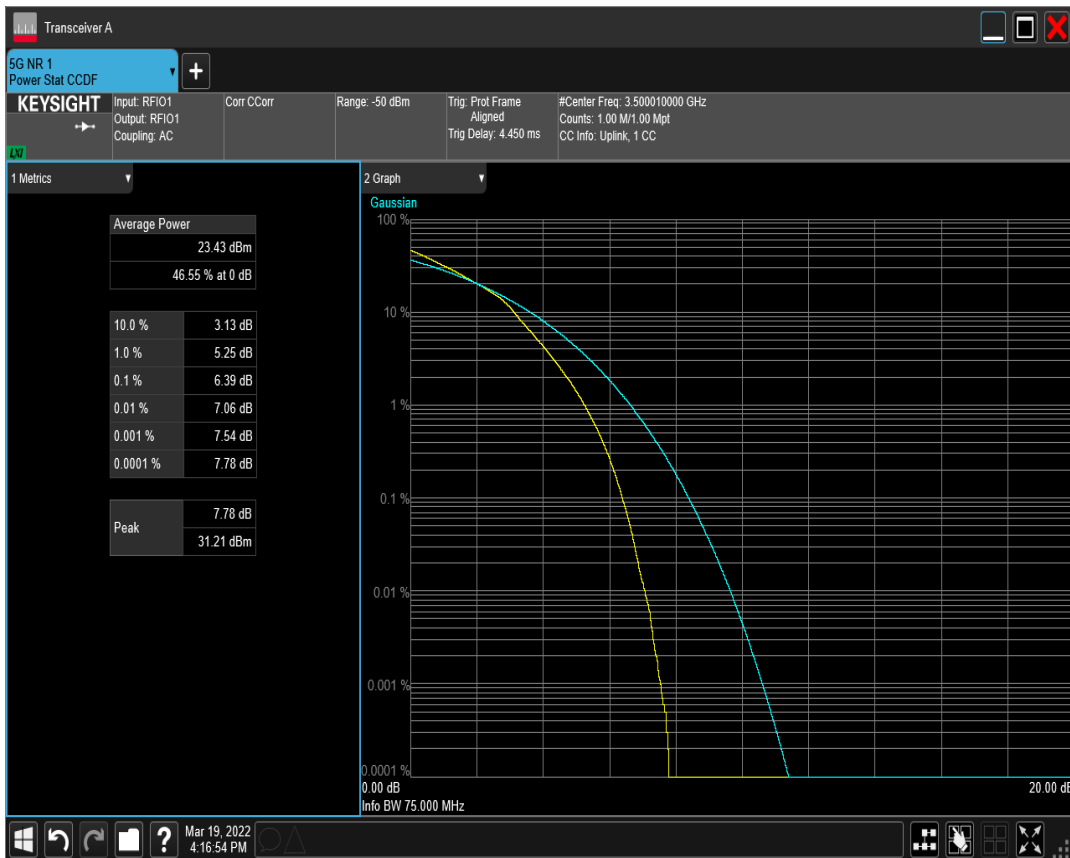
n77(3450-3550) SCS=30kHz DFT_BPSK BW=60MHz Channel=633334 RB=162@0



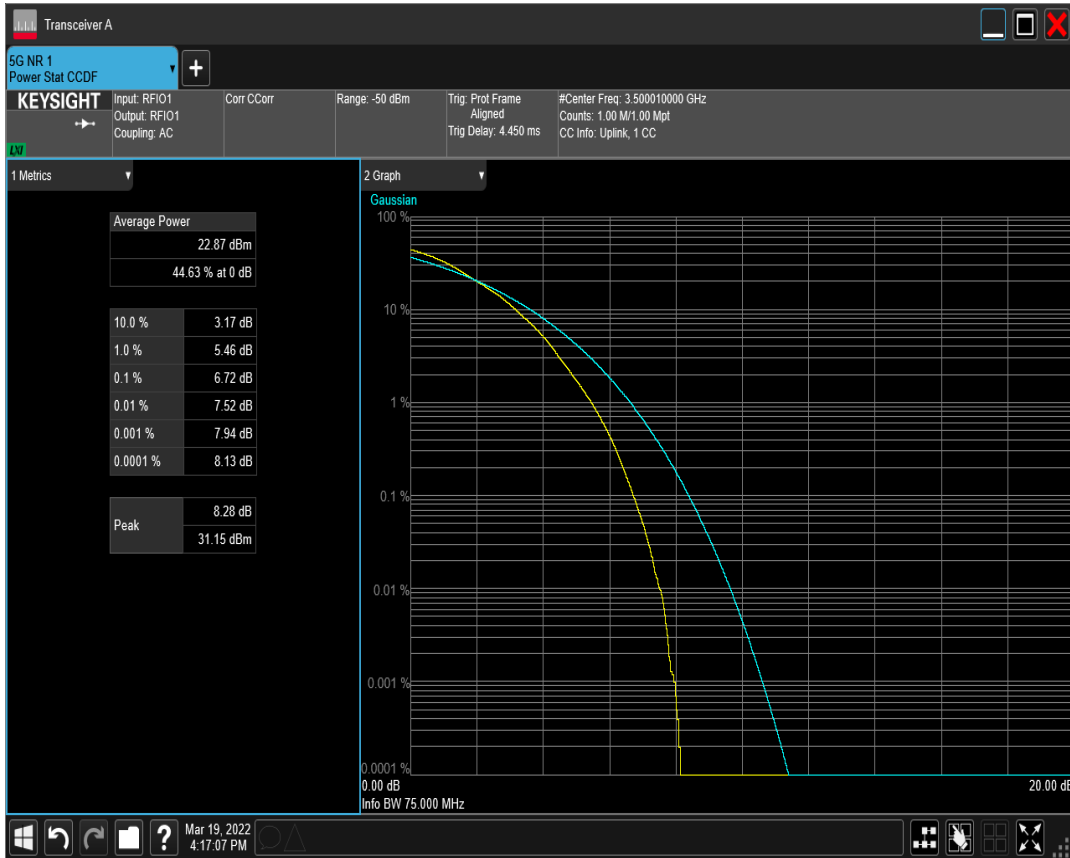
n77(3450-3550) SCS=30kHz DFT_QPSK BW=60MHz Channel=633334 RB=162@0



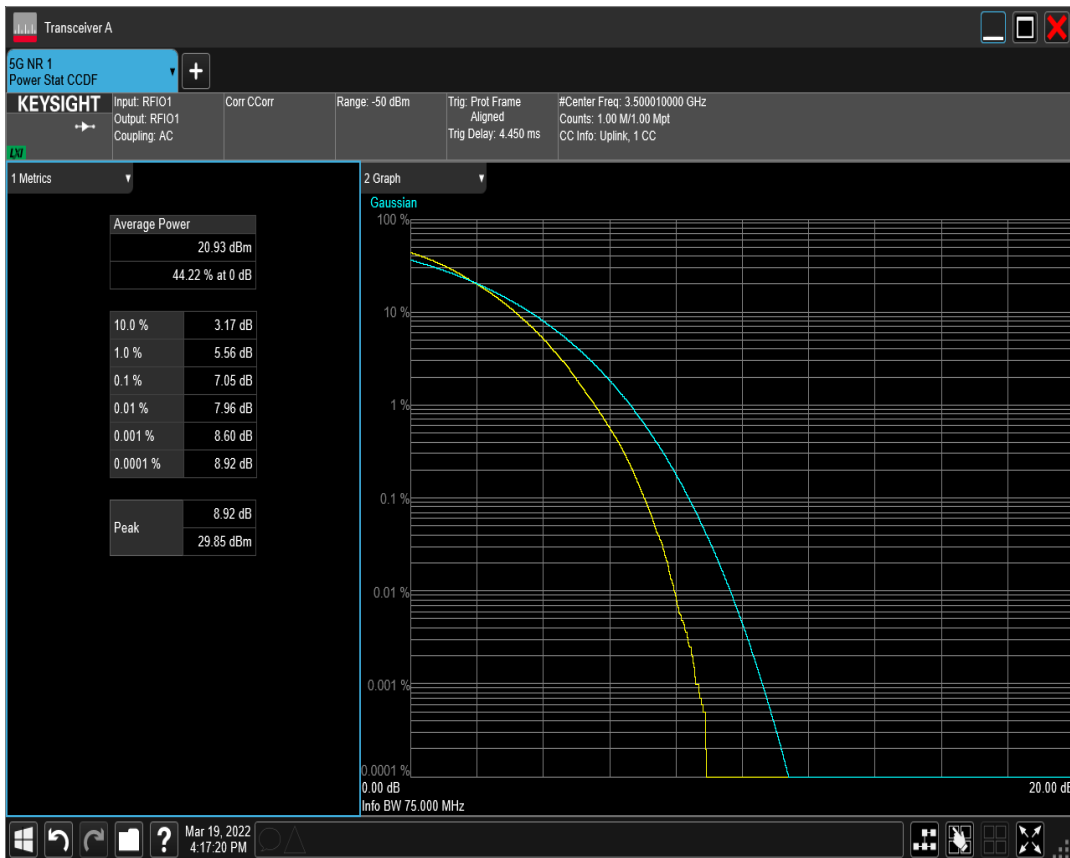
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=60MHz Channel=633334 RB=162@0



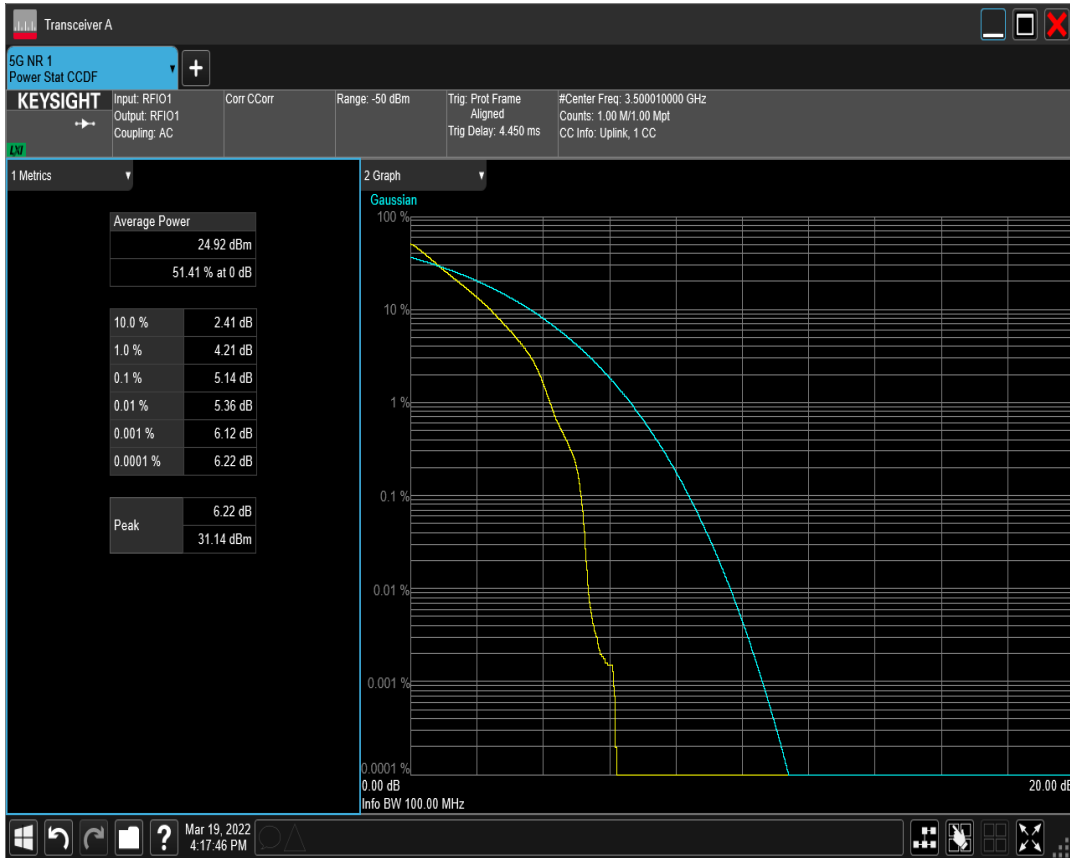
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=60MHz Channel=633334 RB=162@0



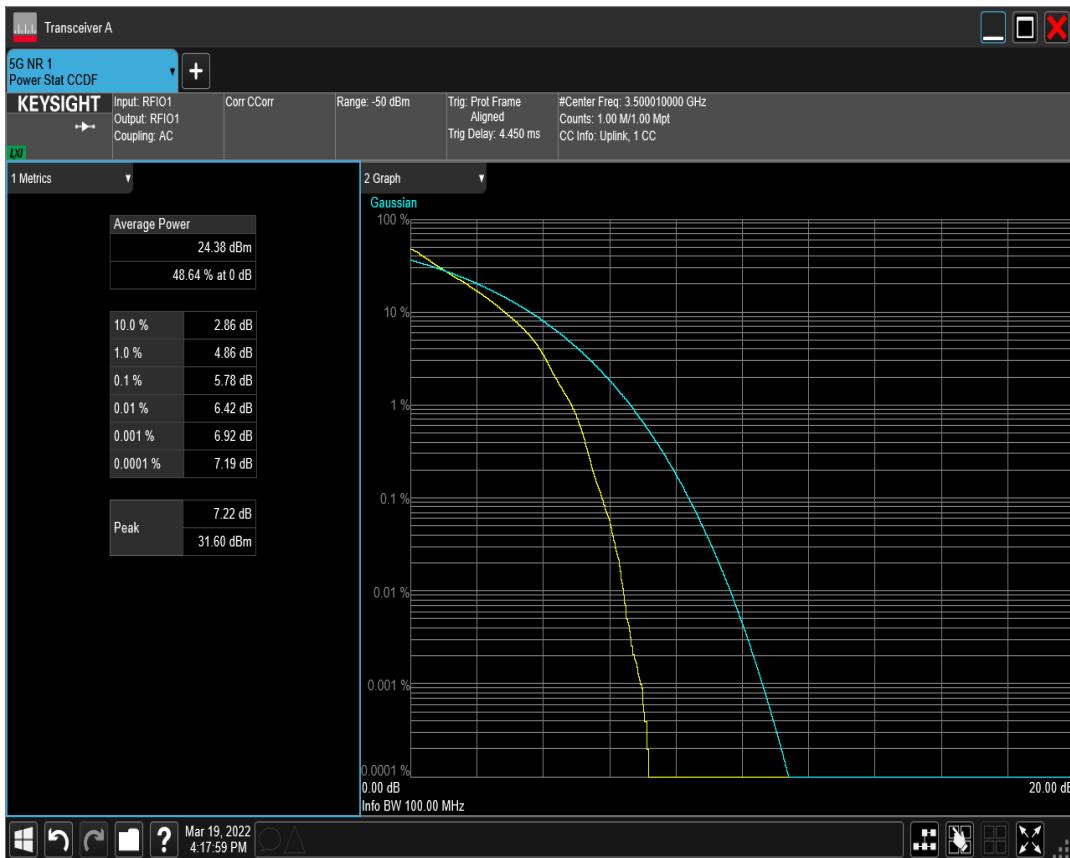
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=60MHz Channel=633334 RB=162@0



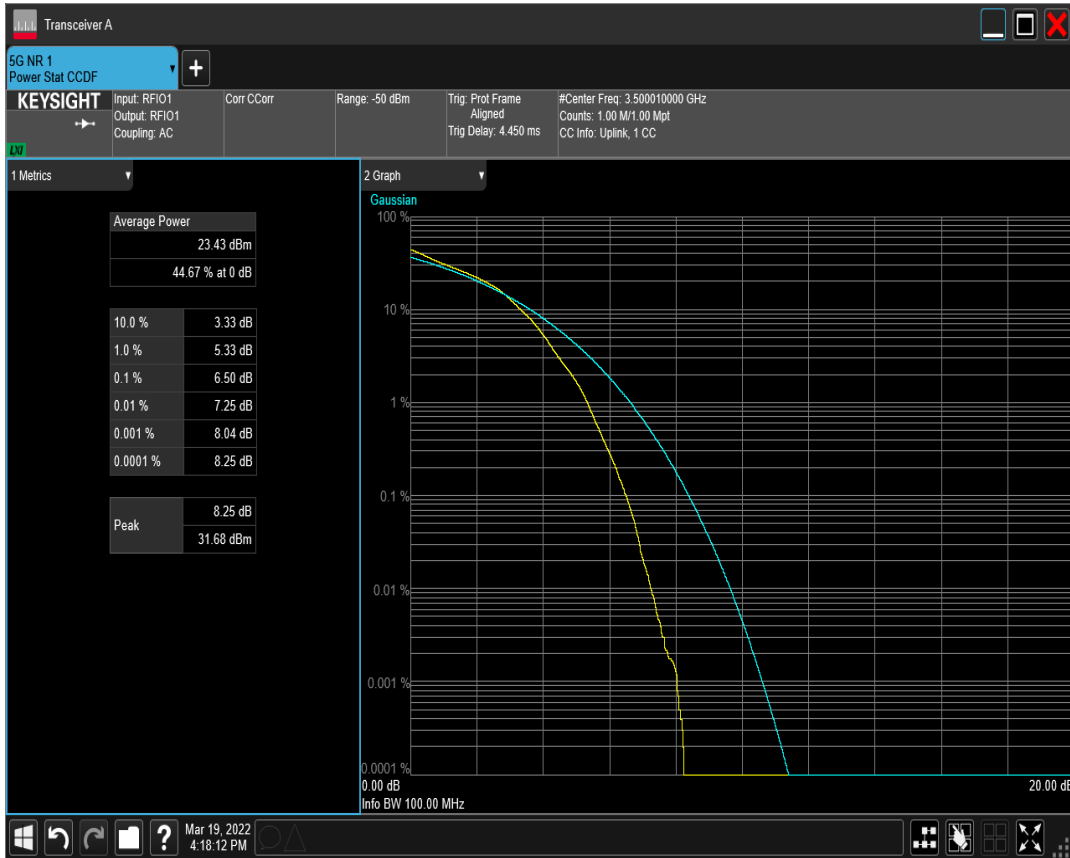
n77(3450-3550) SCS=30kHz DFT_BPSK BW=80MHz Channel=633334 RB=216@0



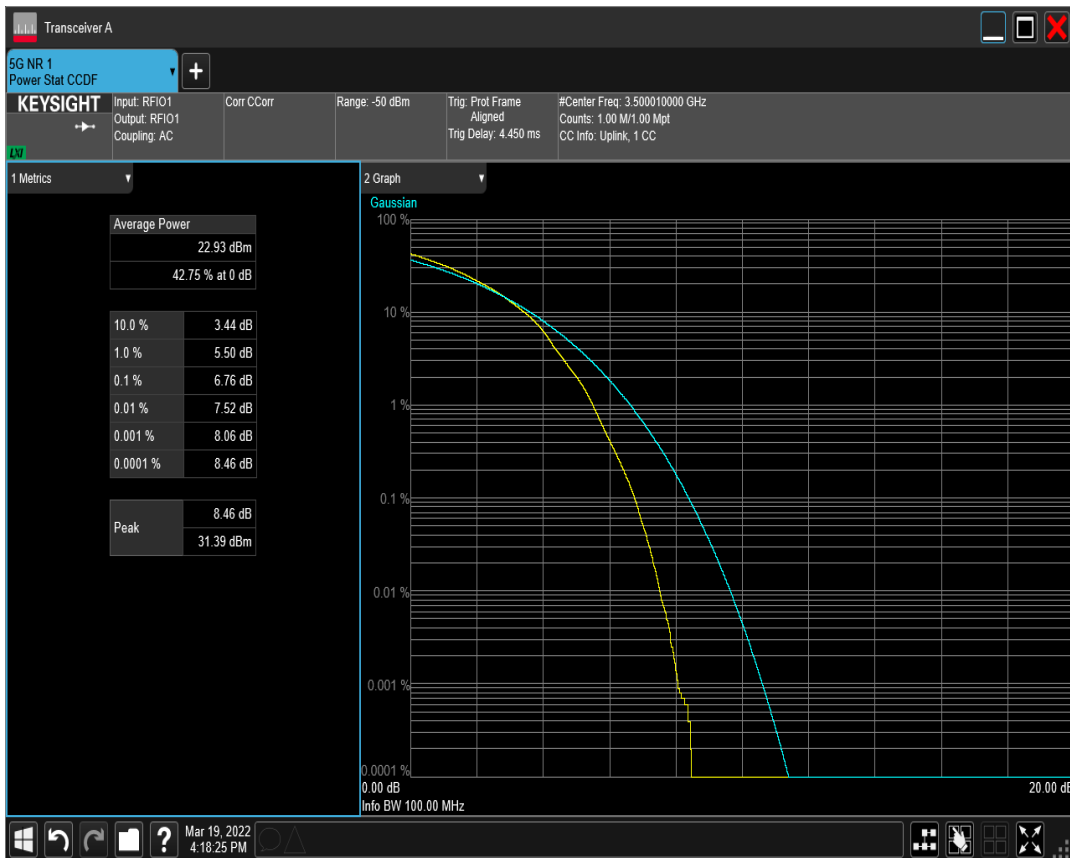
n77(3450-3550) SCS=30kHz DFT_QPSK BW=80MHz Channel=633334 RB=216@0



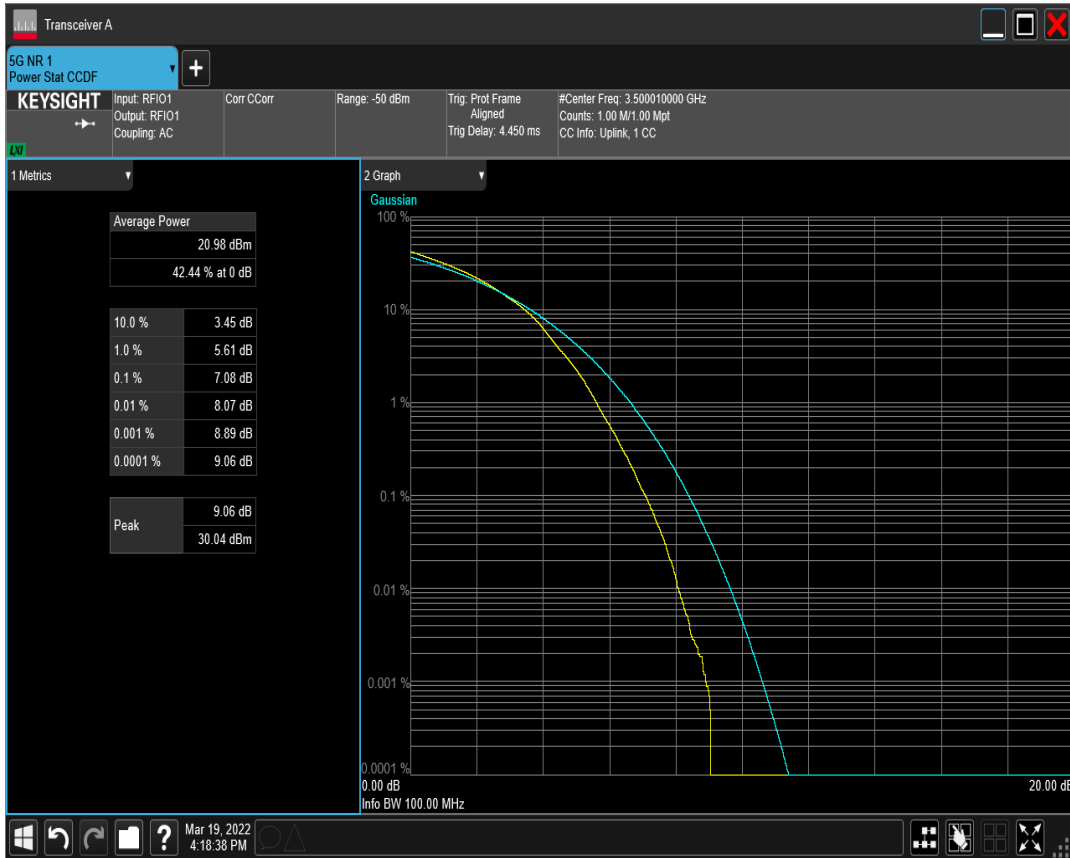
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=80MHz Channel=633334 RB=216@0



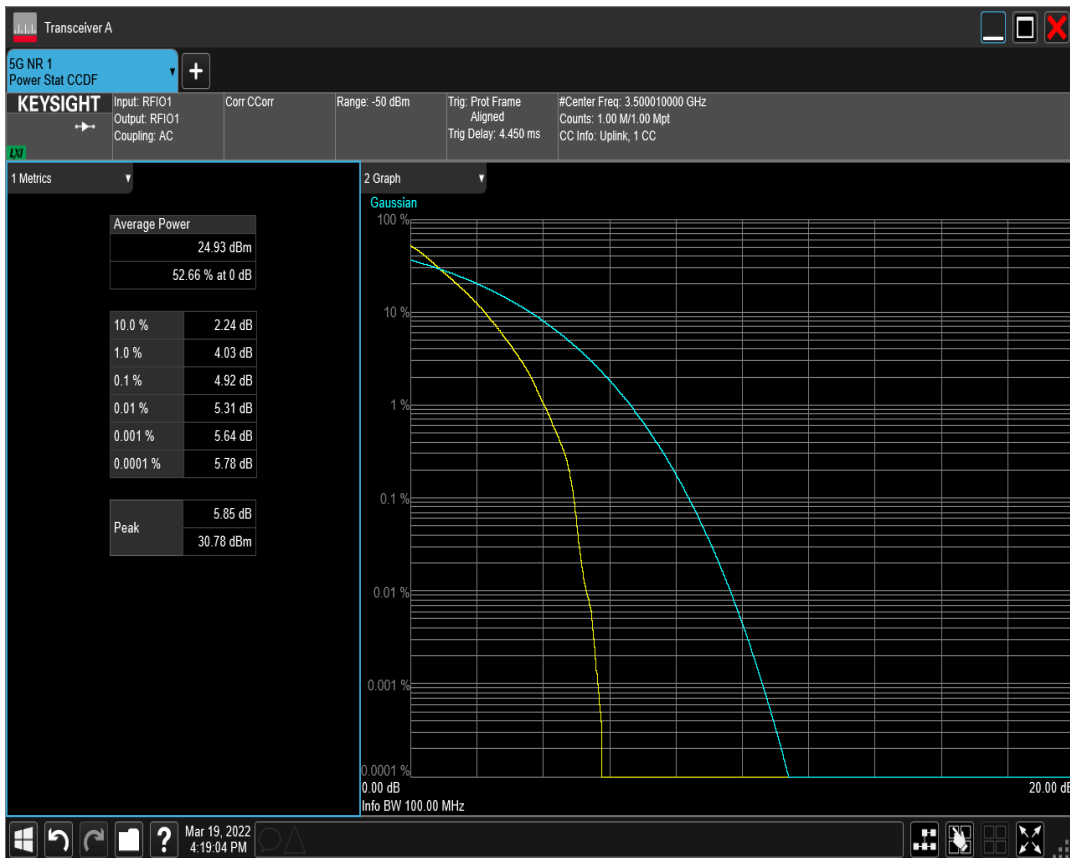
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=80MHz Channel=633334 RB=216@0



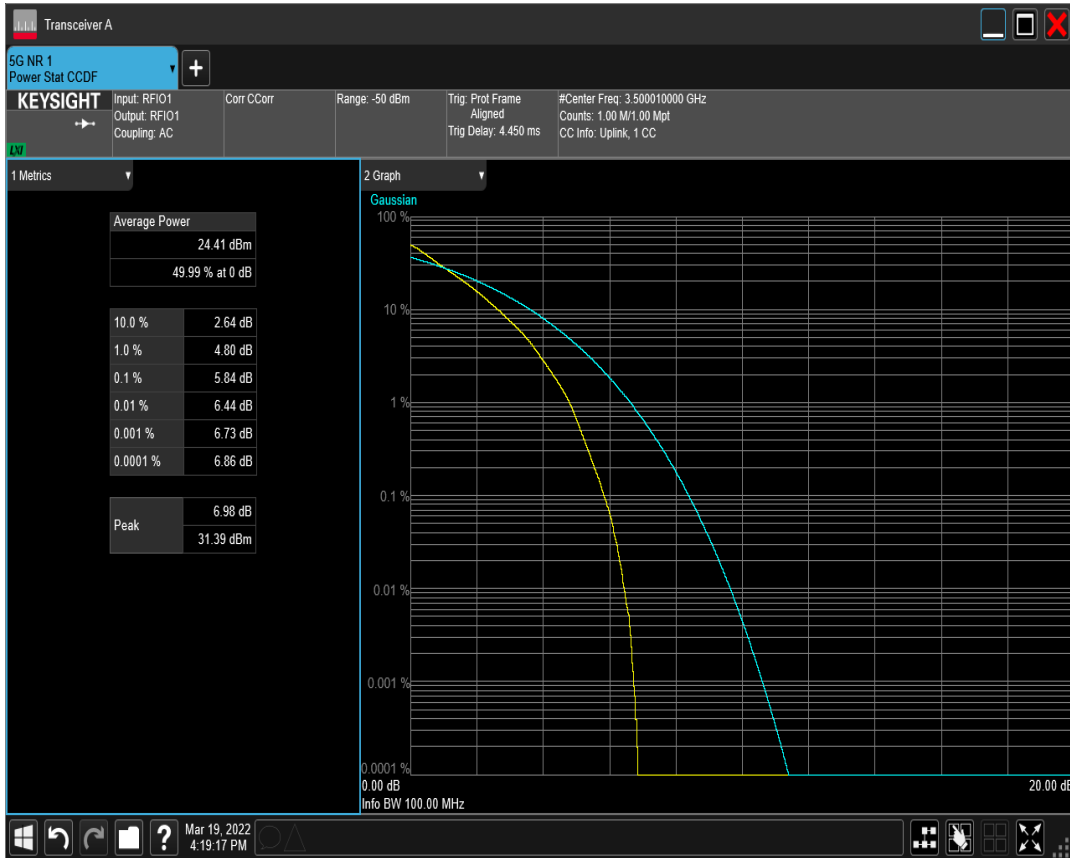
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=80MHz Channel=633334 RB=216@0



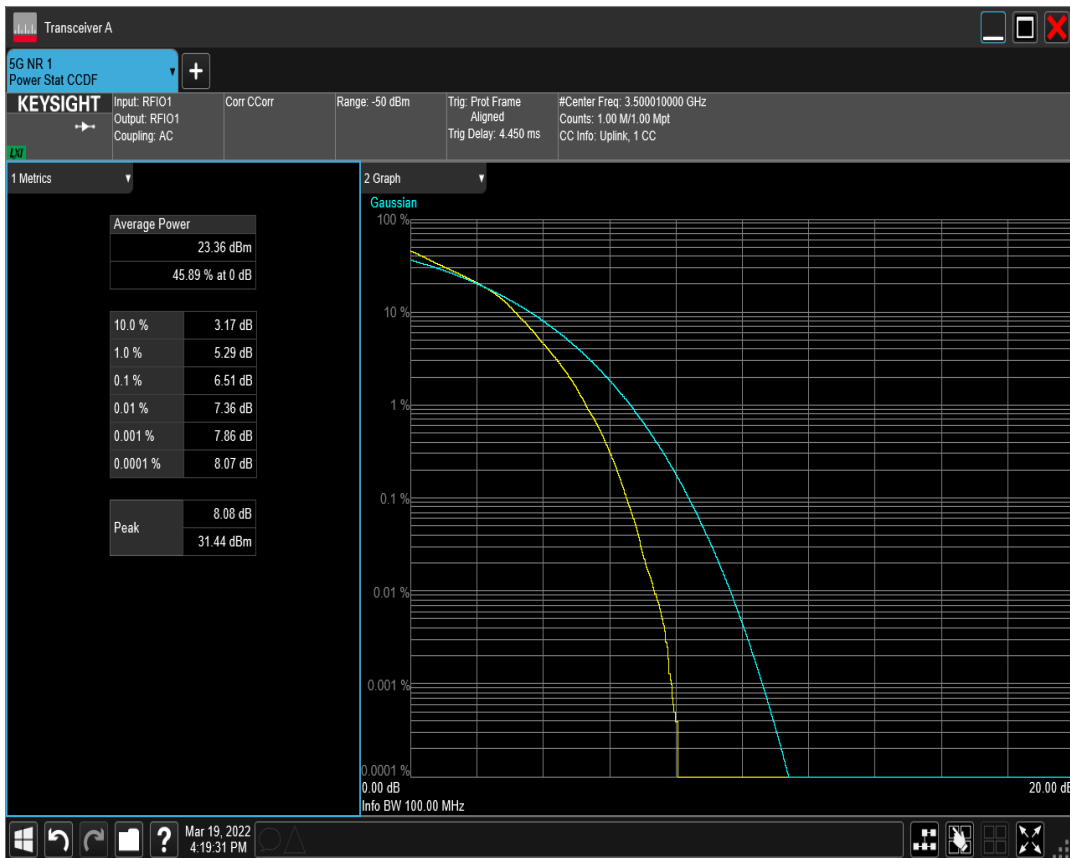
n77(3450-3550) SCS=30kHz DFT_BPSK BW=90MHz Channel=633334 RB=240@0



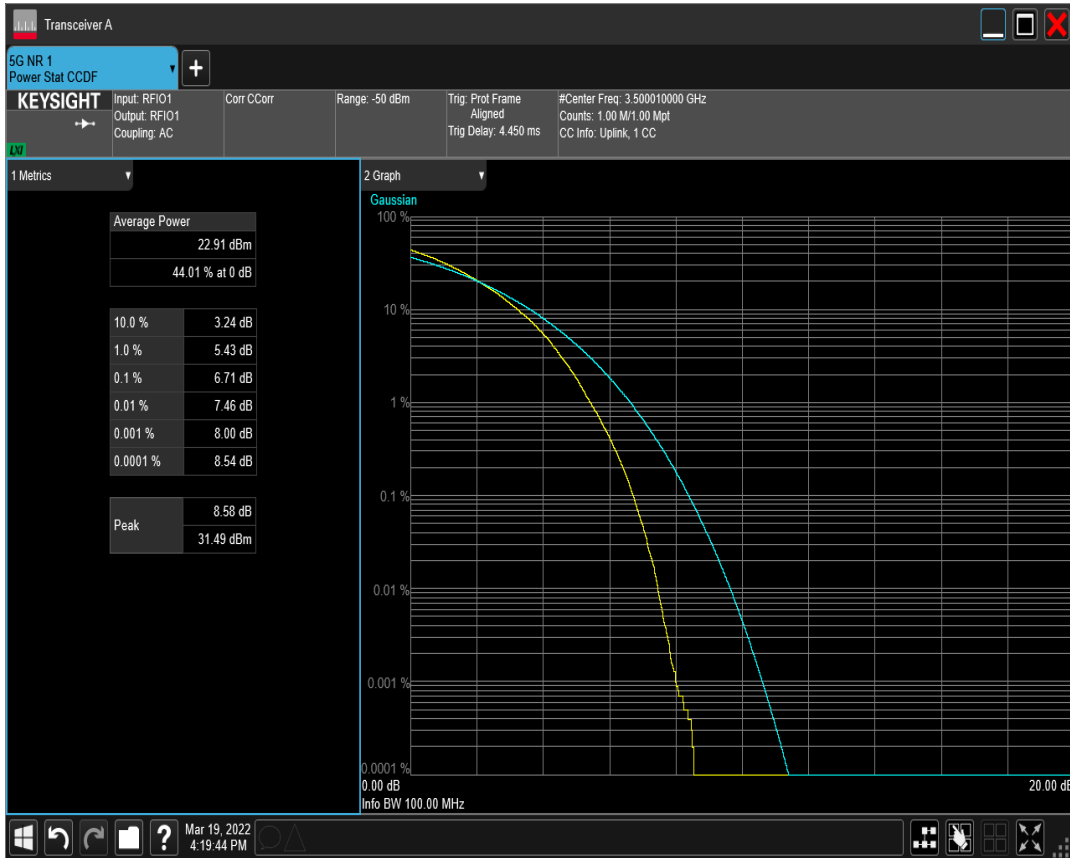
n77(3450-3550) SCS=30kHz DFT_QPSK BW=90MHz Channel=633334 RB=240@0



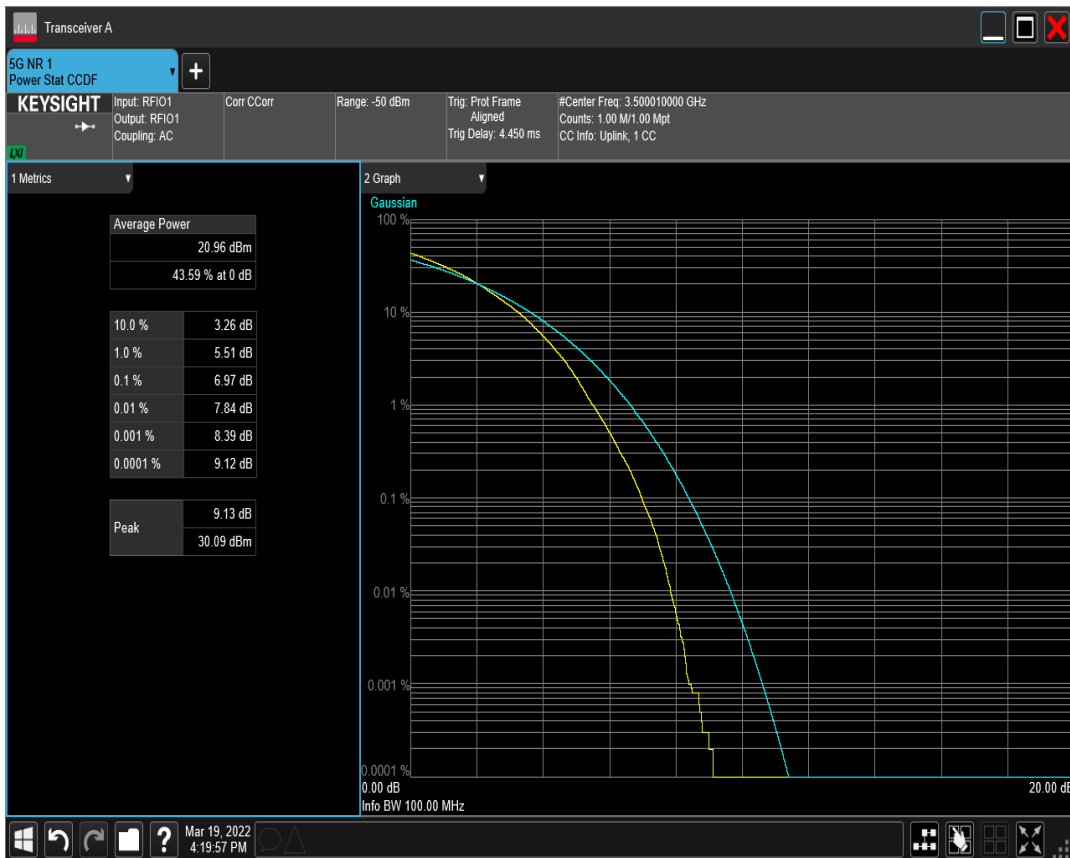
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=90MHz Channel=633334 RB=240@0



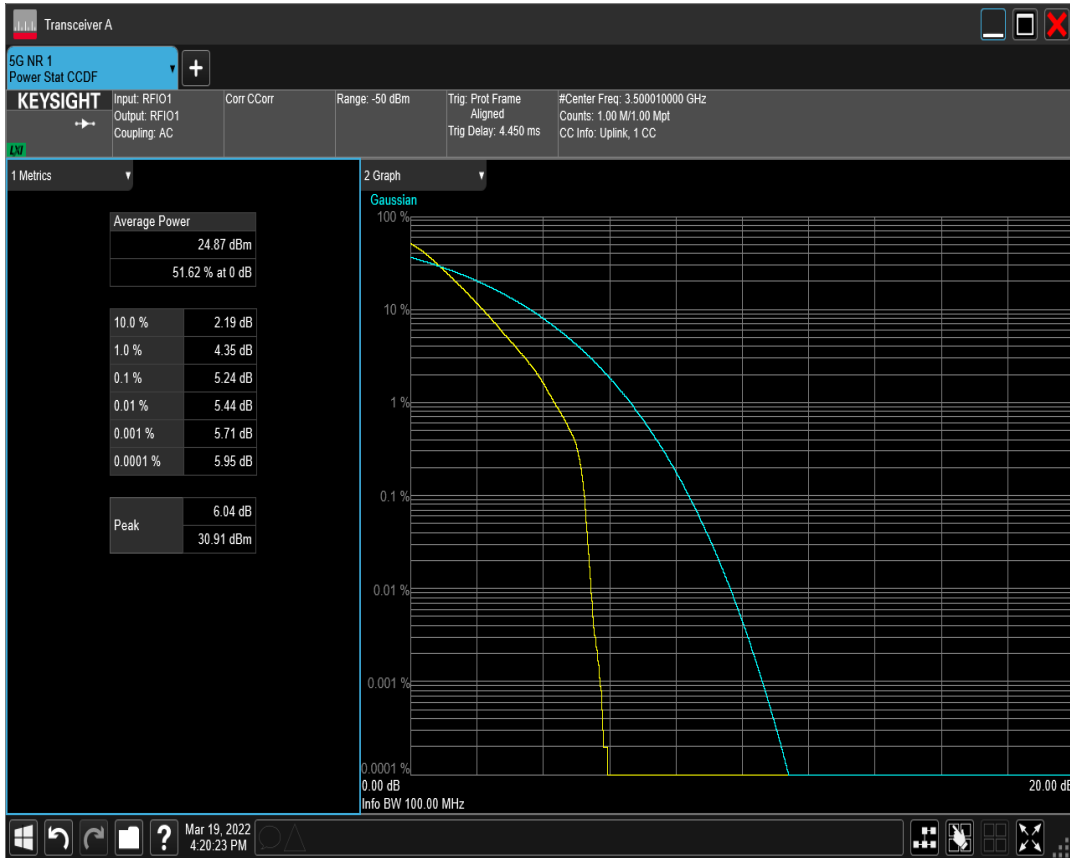
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=90MHz Channel=633334 RB=240@0



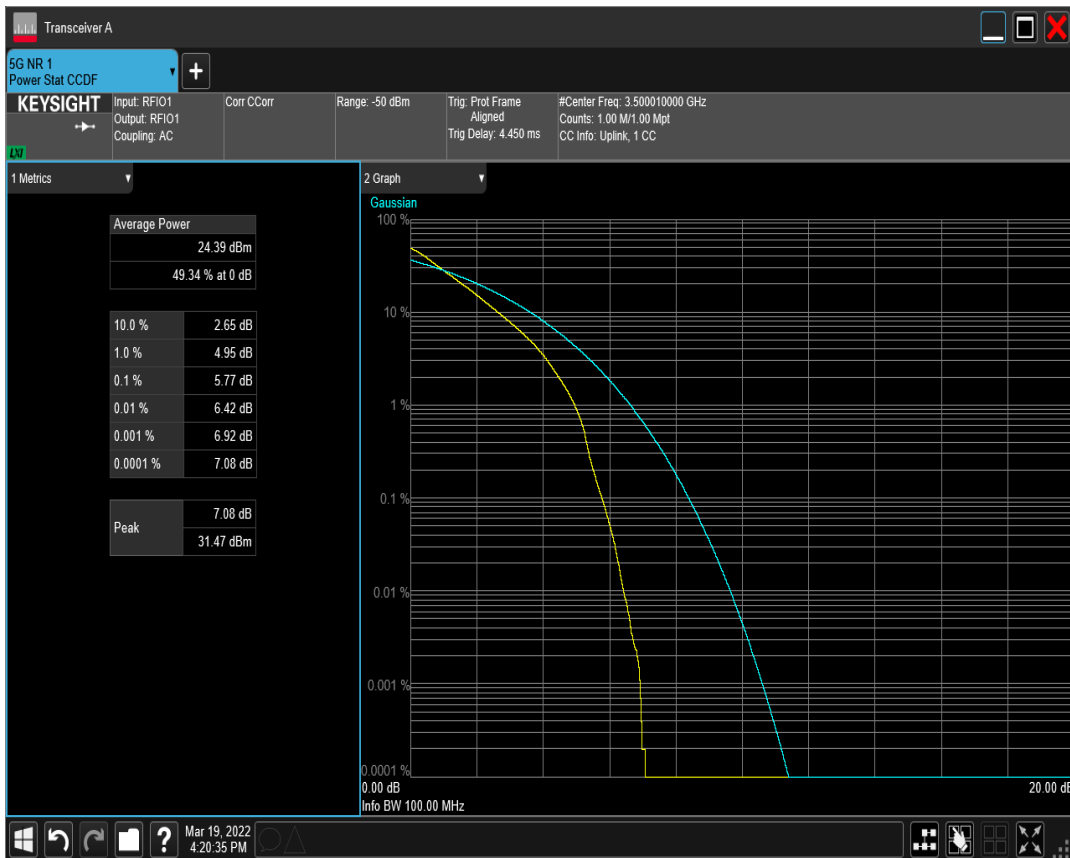
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=90MHz Channel=633334 RB=240@0



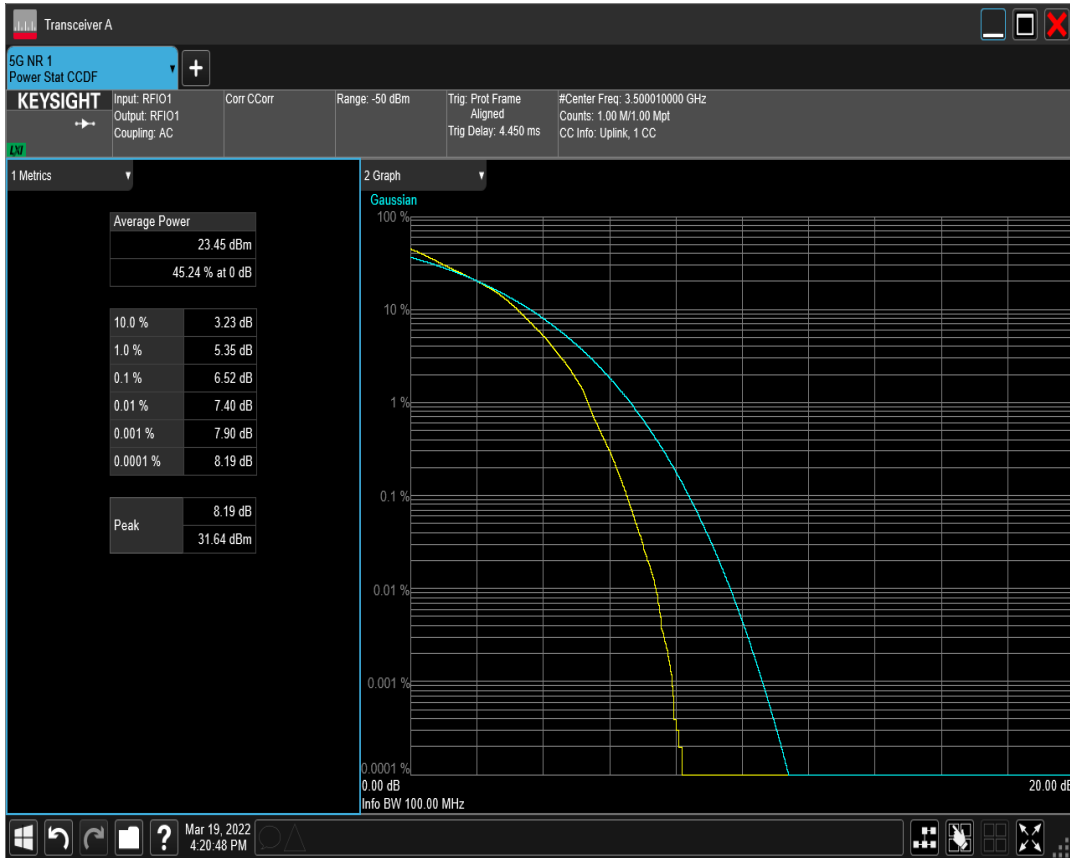
n77(3450-3550) SCS=30kHz DFT_BPSK BW=100MHz Channel=633334 RB=270@0



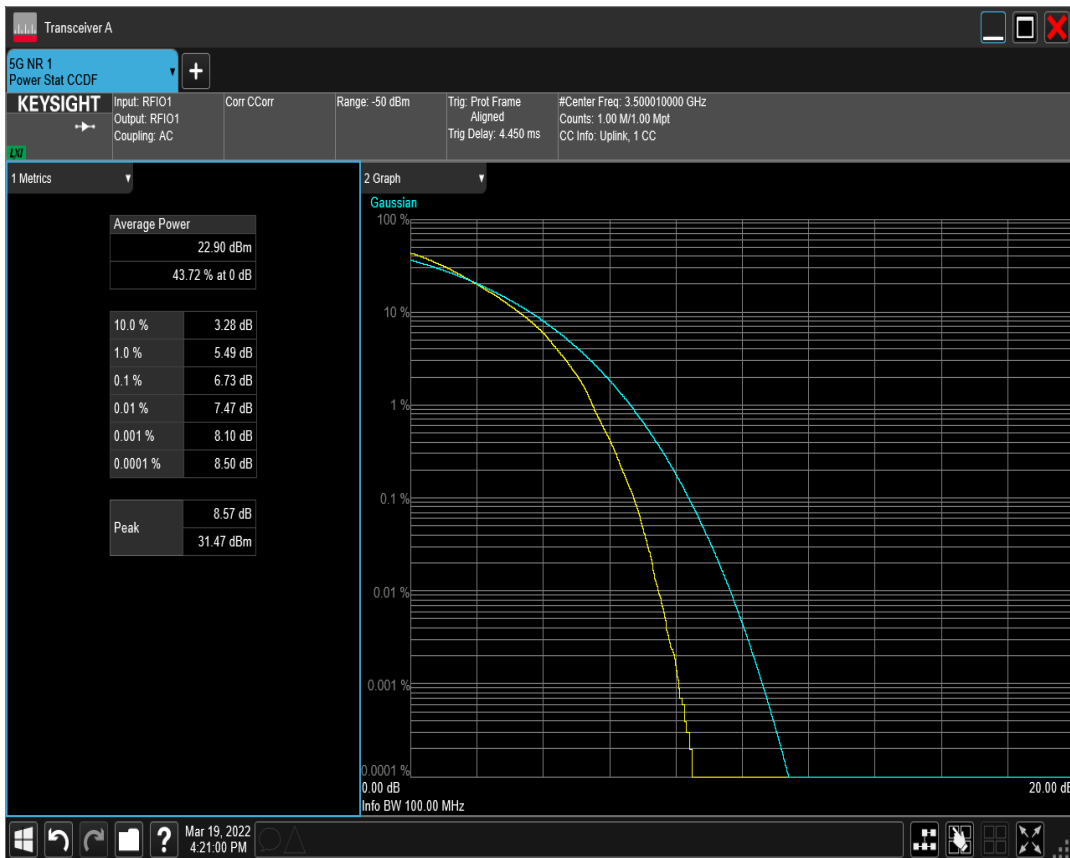
n77(3450-3550) SCS=30kHz DFT_QPSK BW=100MHz Channel=633334 RB=270@0



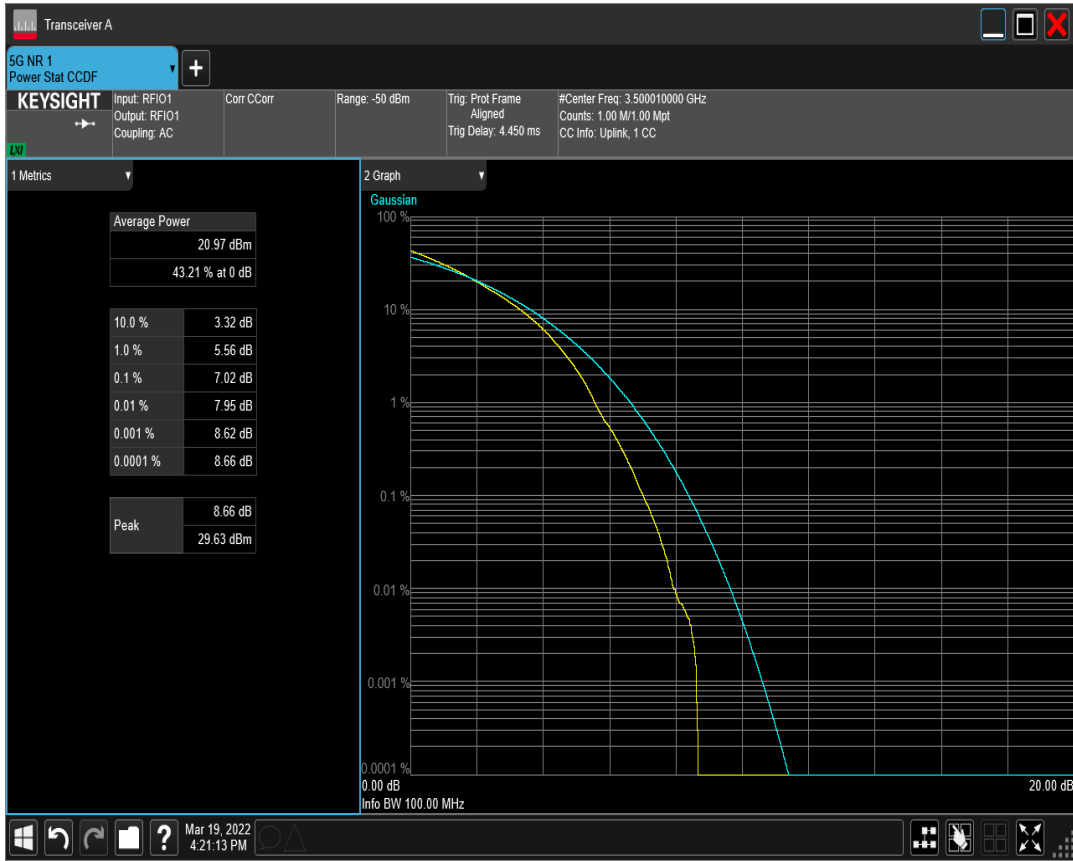
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=100MHz Channel=633334 RB=270@0



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

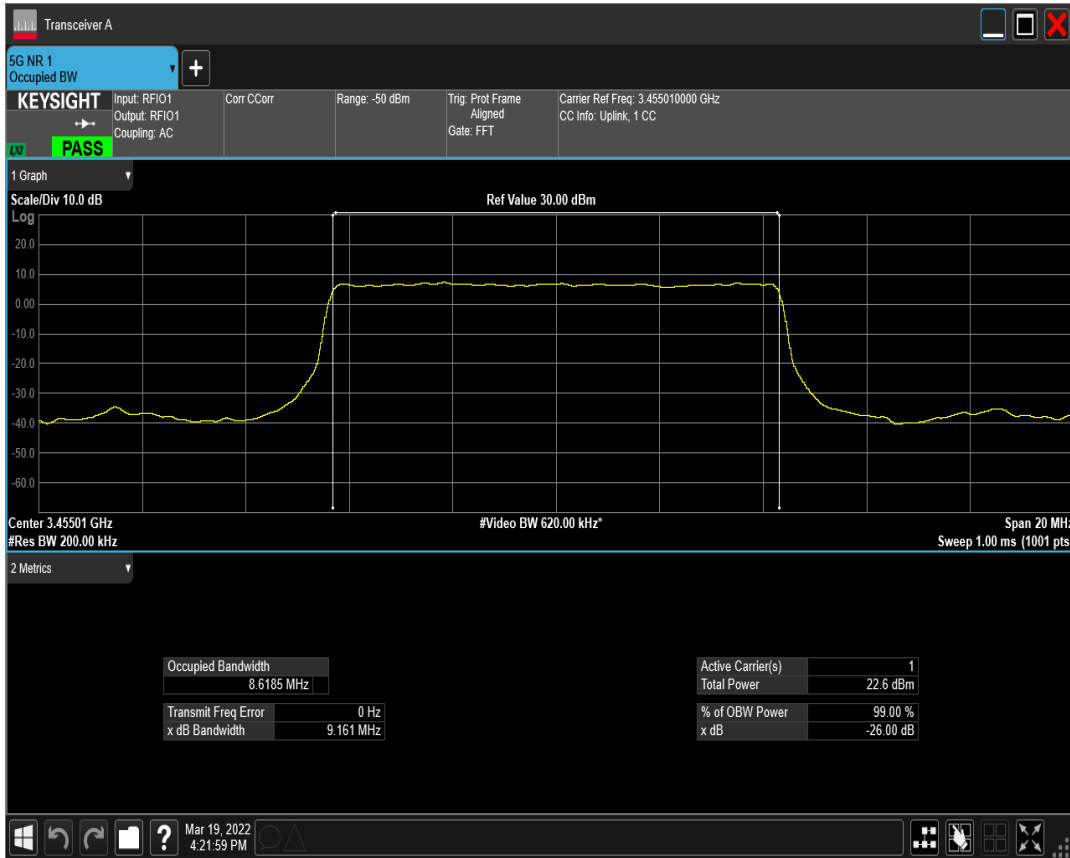
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
n77(3450-3550)	30	10	630334	24@0	DFT_BPSK	8.620	9.160	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QPSK	8.640	9.200	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM16	8.610	9.190	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM64	8.610	9.210	PASS
n77(3450-3550)	30	10	630334	24@0	DFT_QAM256	8.640	9.280	PASS
n77(3450-3550)	30	10	630334	24@0	CP_QPSK	8.610	9.220	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_BPSK	8.640	9.220	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QPSK	8.620	9.230	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM16	8.620	9.190	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM64	8.620	9.230	PASS
n77(3450-3550)	30	10	633334	24@0	DFT_QAM256	8.620	9.200	PASS
n77(3450-3550)	30	10	633334	24@0	CP_QPSK	8.610	9.180	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_BPSK	8.620	9.170	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QPSK	8.640	9.200	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM16	8.620	9.230	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM64	8.620	9.190	PASS
n77(3450-3550)	30	10	636332	24@0	DFT_QAM256	8.610	9.210	PASS
n77(3450-3550)	30	10	636332	24@0	CP_QPSK	8.620	9.200	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_BPSK	13.520	13.740	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QPSK	13.510	13.760	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM16	13.460	13.730	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM64	13.530	13.710	PASS
n77(3450-3550)	30	15	630500	36@0	DFT_QAM256	13.450	13.730	PASS
n77(3450-3550)	30	15	630500	38@0	CP_QPSK	13.630	14.430	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_BPSK	13.460	13.740	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QPSK	13.570	13.770	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM16	13.460	13.750	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM64	13.510	13.760	PASS
n77(3450-3550)	30	15	633334	36@0	DFT_QAM256	13.500	13.730	PASS
n77(3450-3550)	30	15	633334	38@0	CP_QPSK	13.630	14.400	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_BPSK	13.460	13.730	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QPSK	13.560	13.750	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM16	13.470	13.740	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM64	13.560	13.740	PASS
n77(3450-3550)	30	15	636166	36@0	DFT_QAM256	13.500	13.740	PASS
n77(3450-3550)	30	15	636166	38@0	CP_QPSK	13.630	14.420	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_BPSK	18.090	18.940	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QPSK	18.100	18.910	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM16	18.030	18.890	PASS

n77(3450-3550)	30	20	630668	50@0	DFT_QAM64	18.100	18.930	PASS
n77(3450-3550)	30	20	630668	50@0	DFT_QAM256	18.090	18.940	PASS
n77(3450-3550)	30	20	630668	51@0	CP_QPSK	18.270	19.300	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_BPSK	18.090	18.930	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QPSK	18.110	18.920	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM16	18.020	18.880	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM64	18.080	18.950	PASS
n77(3450-3550)	30	20	633334	50@0	DFT_QAM256	18.090	18.930	PASS
n77(3450-3550)	30	20	633334	51@0	CP_QPSK	18.270	19.280	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_BPSK	18.080	18.930	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QPSK	18.100	18.940	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM16	18.100	18.930	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM64	18.110	18.940	PASS
n77(3450-3550)	30	20	636000	50@0	DFT_QAM256	18.090	18.920	PASS
n77(3450-3550)	30	20	636000	51@0	CP_QPSK	18.270	19.310	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_BPSK	27.630	28.420	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QPSK	27.630	28.430	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM16	27.630	28.430	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM64	27.640	28.470	PASS
n77(3450-3550)	30	30	631000	75@0	DFT_QAM256	27.620	28.430	PASS
n77(3450-3550)	30	30	631000	78@0	CP_QPSK	27.970	29.510	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_BPSK	27.650	28.420	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QPSK	27.650	28.440	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM16	27.720	28.440	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM64	27.720	28.470	PASS
n77(3450-3550)	30	30	633334	75@0	DFT_QAM256	27.640	28.420	PASS
n77(3450-3550)	30	30	633334	78@0	CP_QPSK	27.980	29.520	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_BPSK	27.650	28.420	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QPSK	27.650	28.440	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM16	27.750	28.440	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM64	27.730	28.470	PASS
n77(3450-3550)	30	30	635666	75@0	DFT_QAM256	27.640	28.410	PASS
n77(3450-3550)	30	30	635666	78@0	CP_QPSK	27.980	29.520	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_BPSK	37.630	37.850	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QPSK	37.510	37.860	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM16	37.620	37.850	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM64	37.500	37.870	PASS
n77(3450-3550)	30	40	631334	100@0	DFT_QAM256	37.500	37.860	PASS
n77(3450-3550)	30	40	631334	106@0	CP_QPSK	37.960	40.030	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_BPSK	37.670	37.860	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QPSK	37.610	37.860	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM16	37.660	37.870	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM64	37.620	37.880	PASS
n77(3450-3550)	30	40	633334	100@0	DFT_QAM256	37.630	37.890	PASS

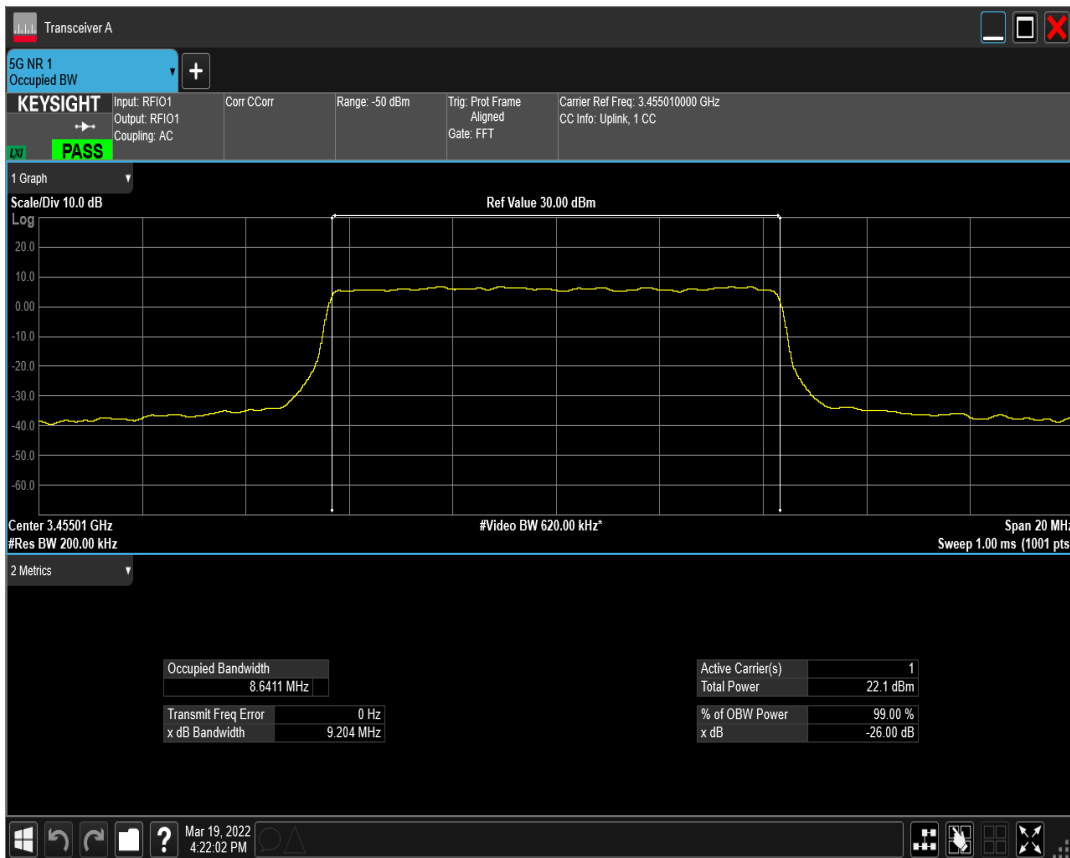
n77(3450-3550)	30	40	633334	106@0	CP_QPSK	37.970	40.040	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_BPSK	37.640	37.870	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QPSK	37.610	37.860	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM16	37.650	37.870	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM64	37.630	37.910	PASS
n77(3450-3550)	30	40	635332	100@0	DFT_QAM256	37.620	37.880	PASS
n77(3450-3550)	30	40	635332	106@0	CP_QPSK	37.970	40.050	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_BPSK	47.070	48.340	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QPSK	47.070	48.360	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM16	47.060	48.350	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM64	47.040	48.350	PASS
n77(3450-3550)	30	50	631668	128@0	DFT_QAM256	47.090	48.350	PASS
n77(3450-3550)	30	50	631668	133@0	CP_QPSK	47.640	50.190	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_BPSK	47.230	48.360	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QPSK	47.210	48.360	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM16	47.090	48.380	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM64	47.200	48.370	PASS
n77(3450-3550)	30	50	633334	128@0	DFT_QAM256	47.230	48.380	PASS
n77(3450-3550)	30	50	633334	133@0	CP_QPSK	47.650	50.220	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_BPSK	47.100	48.350	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QPSK	47.100	48.360	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM16	47.090	48.340	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM64	47.100	48.350	PASS
n77(3450-3550)	30	50	635000	128@0	DFT_QAM256	47.210	48.360	PASS
n77(3450-3550)	30	50	635000	133@0	CP_QPSK	47.660	50.210	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_BPSK	57.940	60.970	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QPSK	57.910	60.940	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM16	57.930	60.970	PASS
n77(3450-3550)	30	60	632000	162@0	DFT_QAM64	58.080	60.990	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	61.000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_BPSK	57.960	60.990	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QPSK	58.090	60.990	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM16	58.090	61.000	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM64	57.950	60.980	PASS
n77(3450-3550)	30	60	633334	162@0	DFT_QAM256	57.960	60.990	PASS
n77(3450-3550)	30	60	633334	162@0	CP_QPSK	57.950	61.010	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_BPSK	58.080	60.990	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QPSK	58.090	60.990	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM16	58.090	61.000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM64	58.100	61.000	PASS
n77(3450-3550)	30	60	634666	162@0	DFT_QAM256	58.080	60.990	PASS
n77(3450-3550)	30	60	634666	162@0	CP_QPSK	57.960	61.010	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_BPSK	77.440	81.310	PASS

n77(3450-3550)	30	80	632668	216@0	DFT_QPSK	77.280	81.320	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM16	77.460	81.330	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM64	77.450	81.340	PASS
n77(3450-3550)	30	80	632668	216@0	DFT_QAM256	77.450	81.320	PASS
n77(3450-3550)	30	80	632668	217@0	CP_QPSK	77.780	81.740	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_BPSK	77.480	81.340	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QPSK	77.280	81.290	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM16	77.470	81.330	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM64	77.450	81.330	PASS
n77(3450-3550)	30	80	633334	216@0	DFT_QAM256	77.460	81.320	PASS
n77(3450-3550)	30	80	633334	217@0	CP_QPSK	77.770	81.700	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_BPSK	77.500	81.360	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QPSK	77.470	81.300	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM16	77.490	81.340	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM64	77.480	81.340	PASS
n77(3450-3550)	30	80	634000	216@0	DFT_QAM256	77.480	81.330	PASS
n77(3450-3550)	30	80	634000	217@0	CP_QPSK	77.790	81.730	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_BPSK	86.800	90.450	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QPSK	86.790	90.430	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM16	86.800	90.480	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM64	86.570	90.440	PASS
n77(3450-3550)	30	90	633000	240@0	DFT_QAM256	86.790	90.460	PASS
n77(3450-3550)	30	90	633000	245@0	CP_QPSK	87.610	92.250	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_BPSK	86.850	90.440	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QPSK	86.890	90.440	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM16	86.860	90.460	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM64	86.810	90.450	PASS
n77(3450-3550)	30	90	633334	240@0	DFT_QAM256	86.840	90.440	PASS
n77(3450-3550)	30	90	633334	245@0	CP_QPSK	87.650	92.260	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_BPSK	86.870	90.440	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QPSK	86.920	90.440	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM16	86.910	90.470	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM64	86.840	90.430	PASS
n77(3450-3550)	30	90	633666	240@0	DFT_QAM256	86.870	90.470	PASS
n77(3450-3550)	30	90	633666	245@0	CP_QPSK	87.840	92.260	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_BPSK	96.880	101.560	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QPSK	96.880	101.530	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM16	96.920	101.560	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM64	96.880	101.550	PASS
n77(3450-3550)	30	100	633334	270@0	DFT_QAM256	96.890	101.590	PASS
n77(3450-3550)	30	100	633334	273@0	CP_QPSK	97.660	102.670	PASS

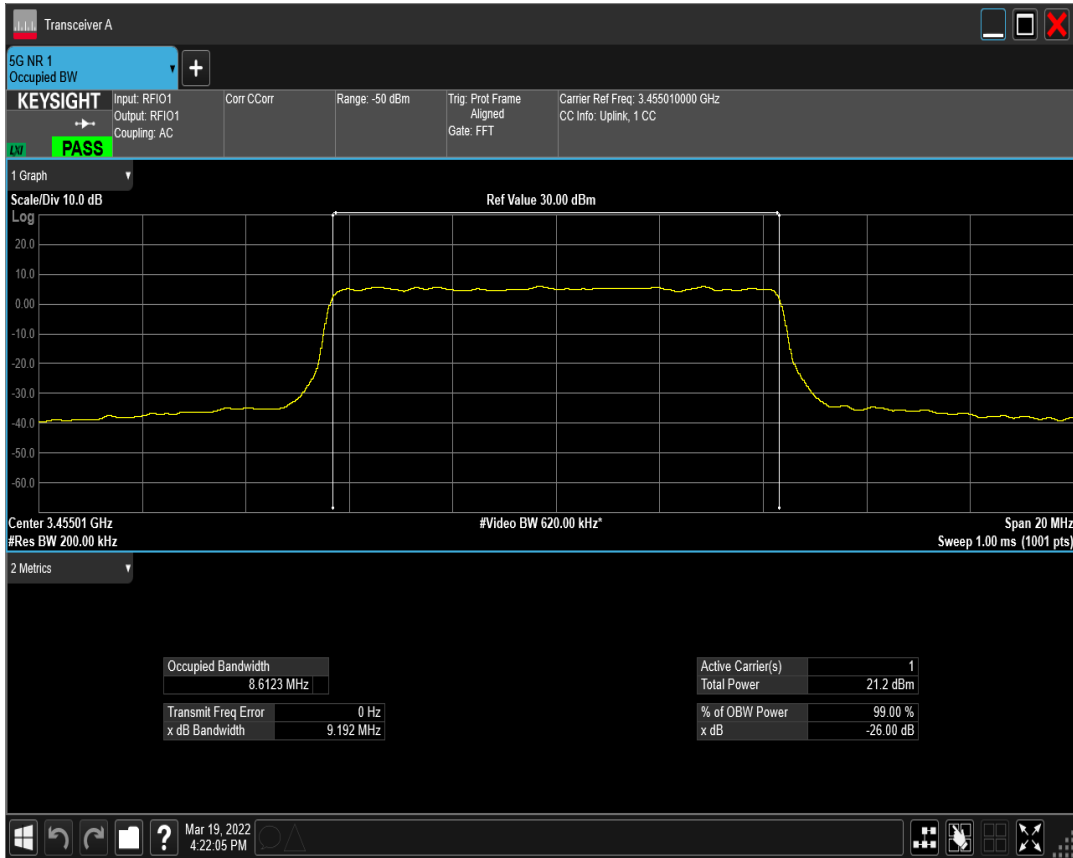
n77(3450-3550) SCS=30kHz DFT_BPSK BW=10MHz Channel=630334 RB=24@0



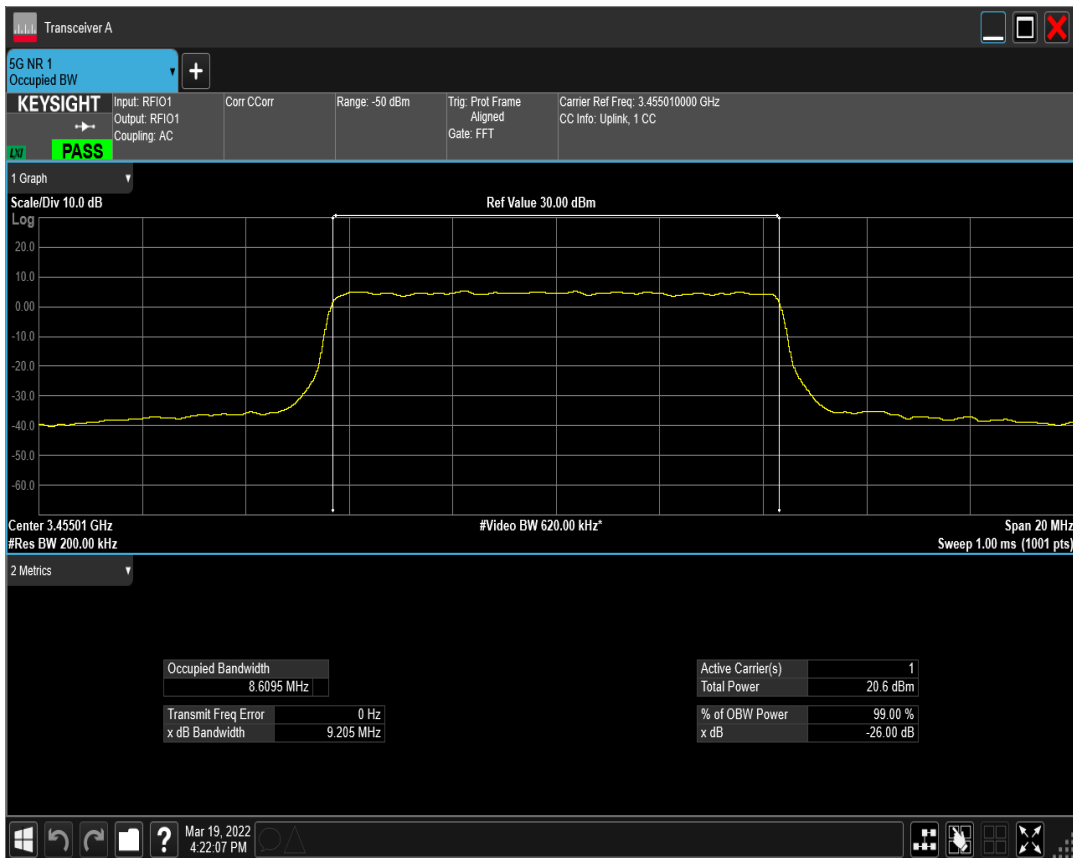
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=630334 RB=24@0



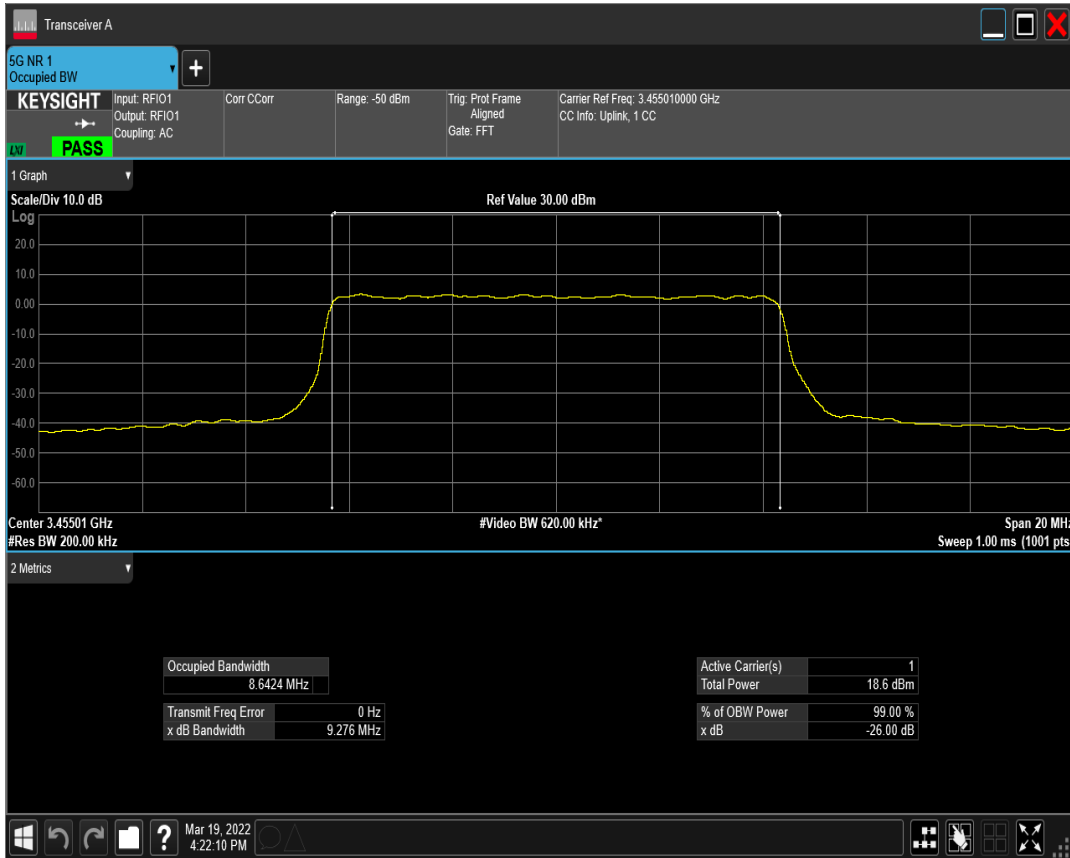
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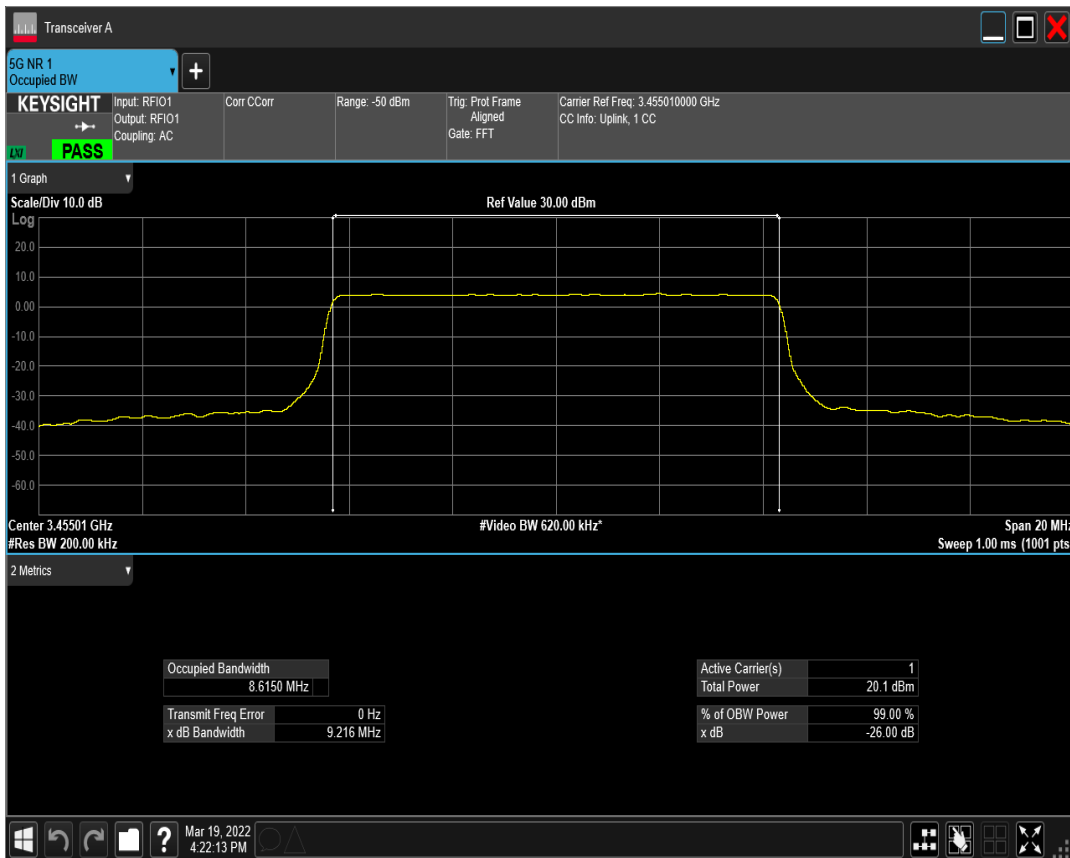
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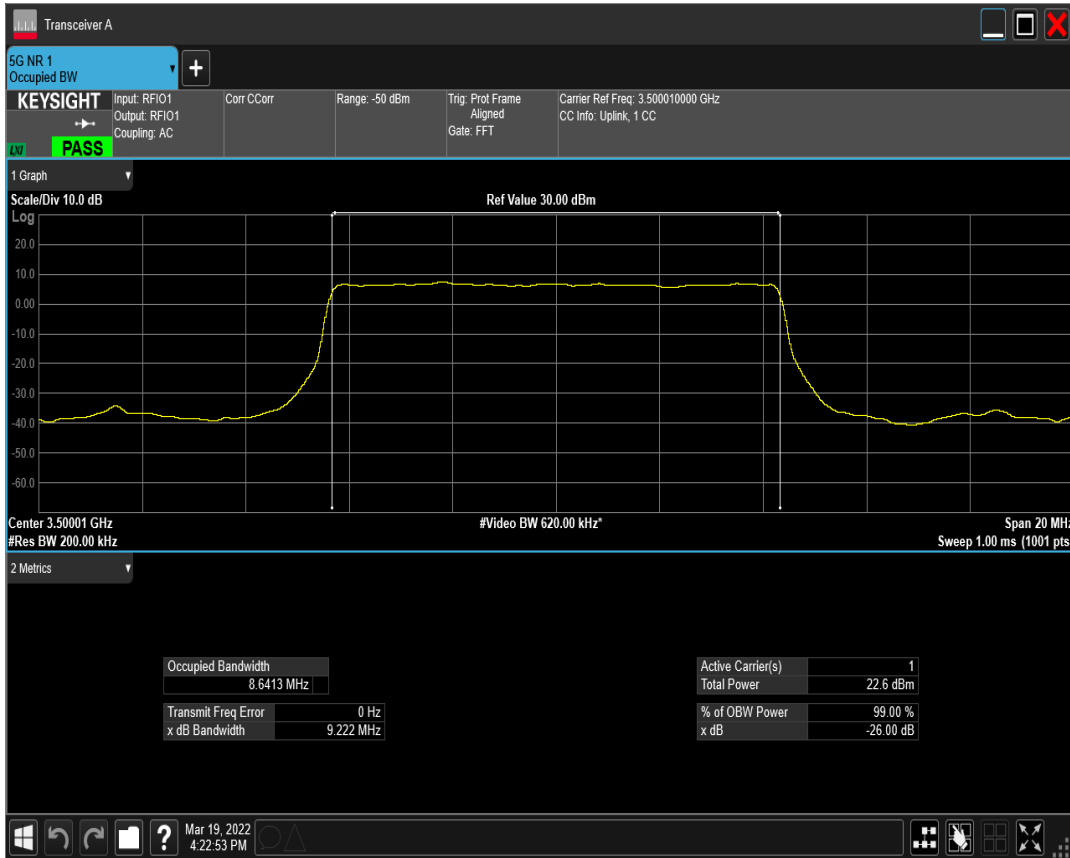
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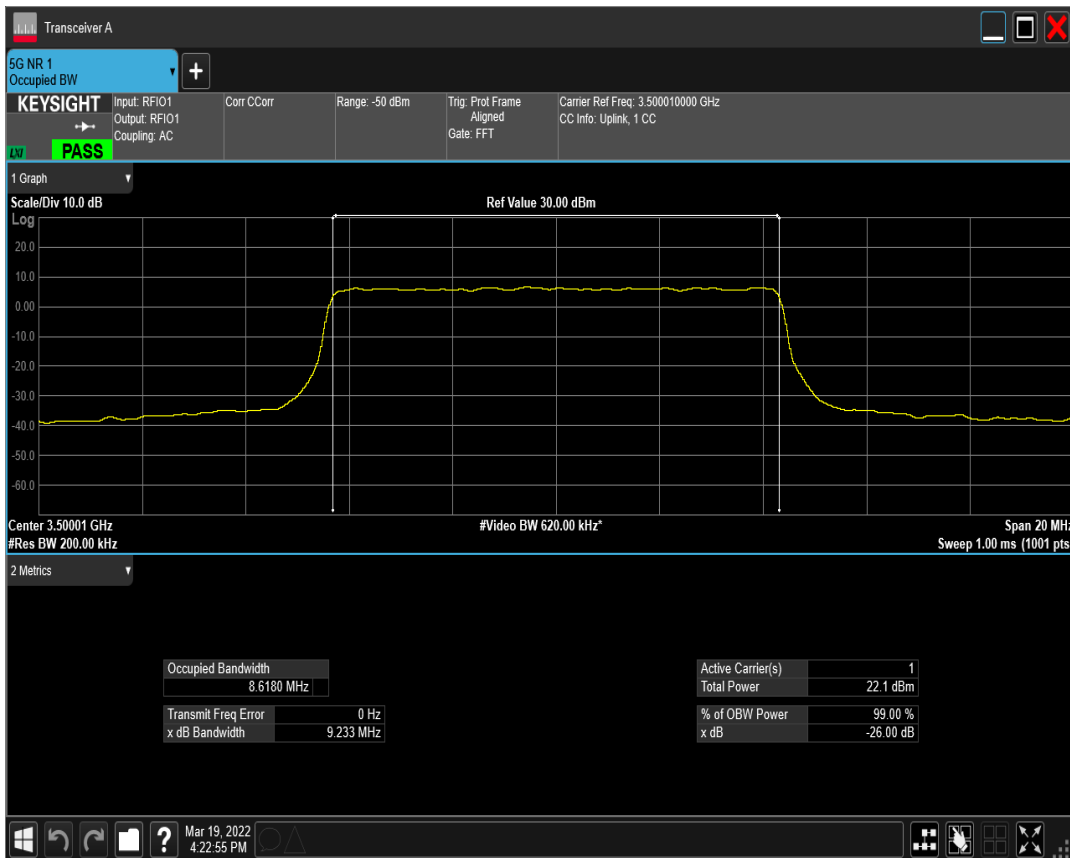
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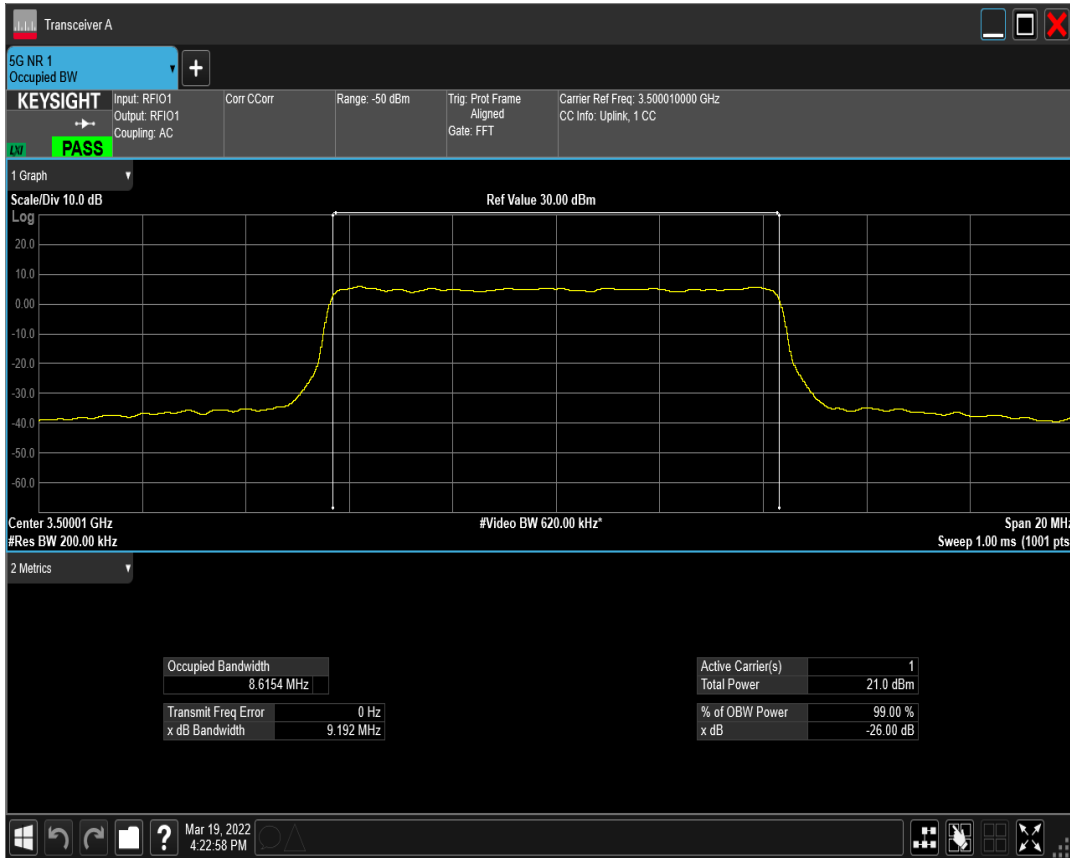
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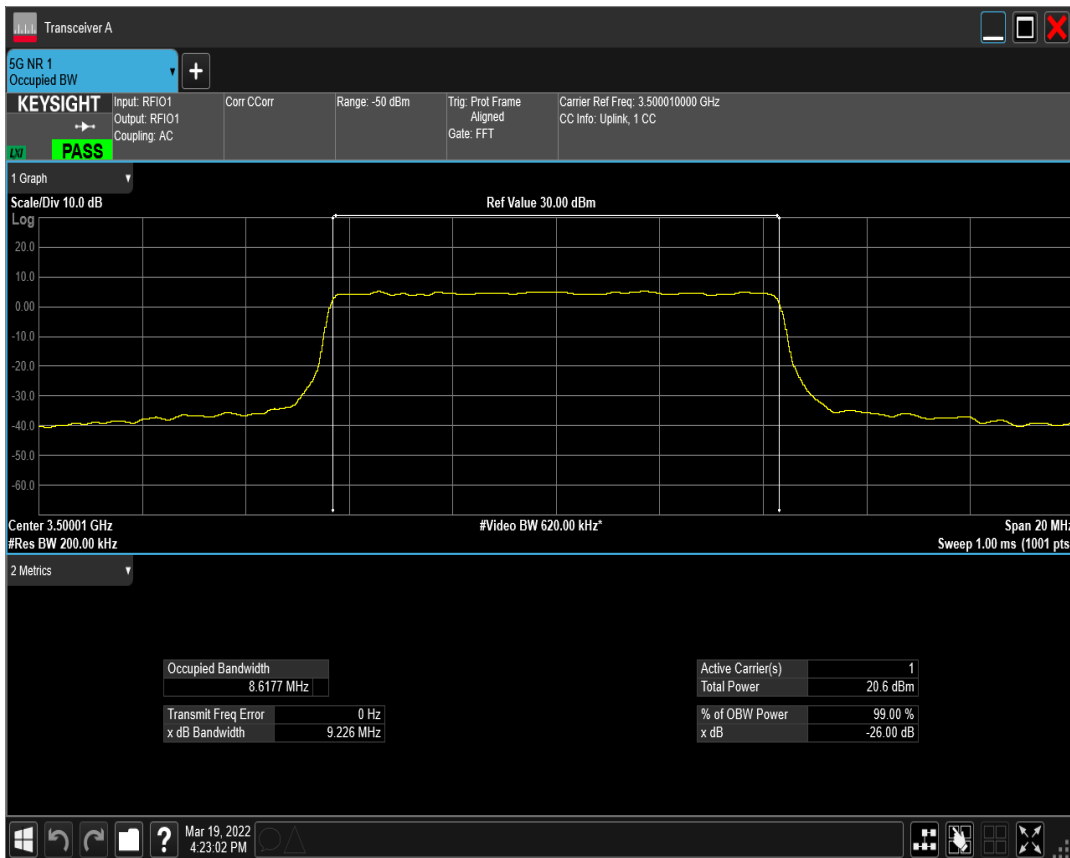
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=633334 RB=24@0



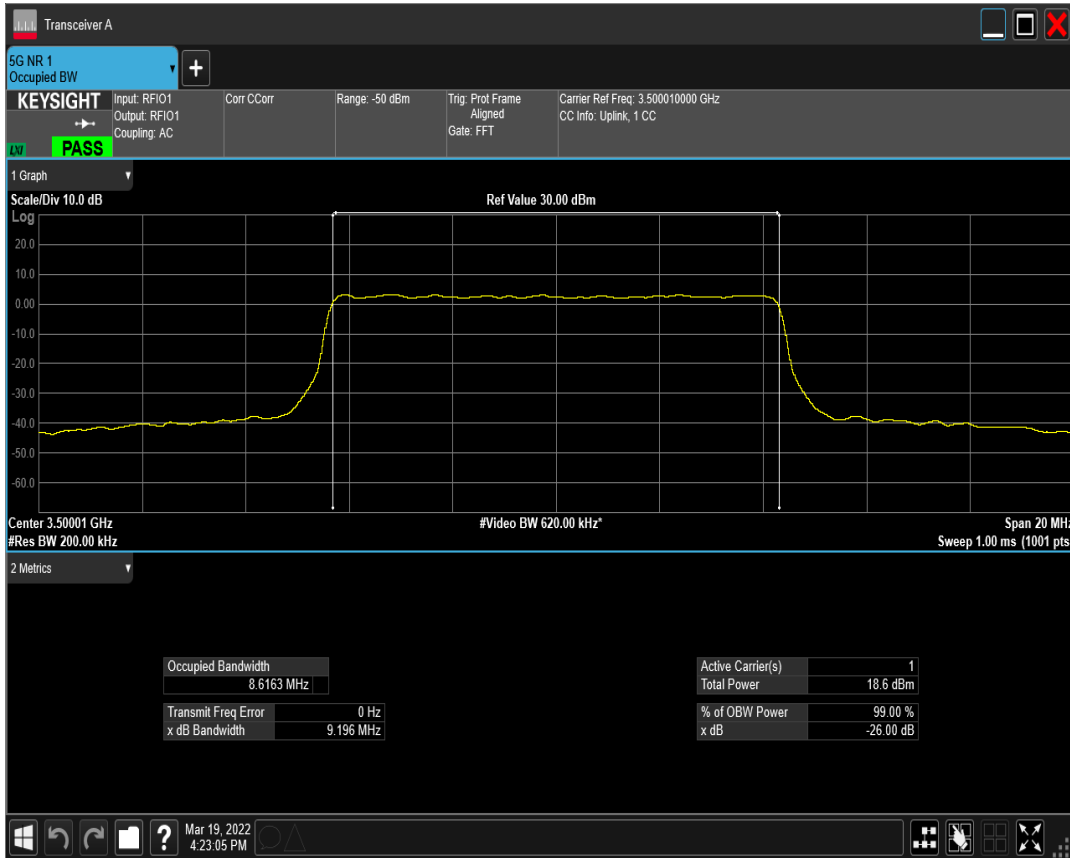
n77(3450-3550) SCS=30kHz DFT_QAM16 BW=10MHz Channel=633334 RB=24@0



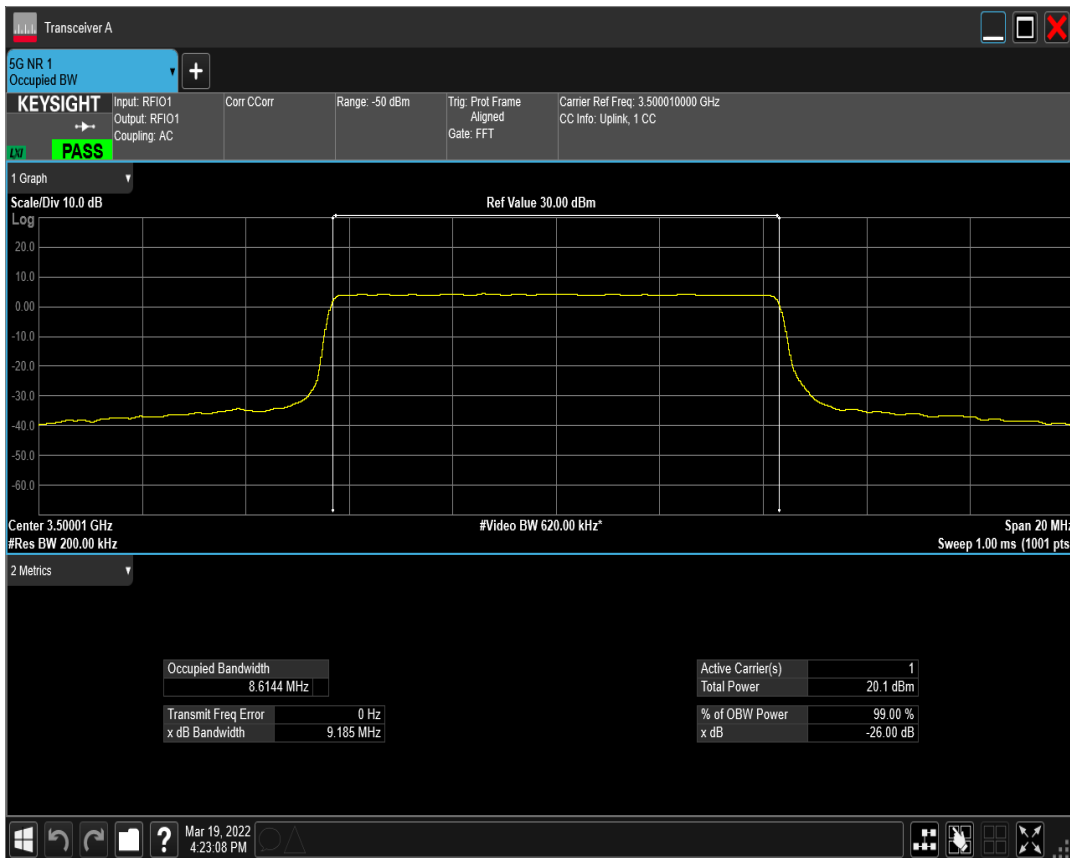
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=633334 RB=24@0



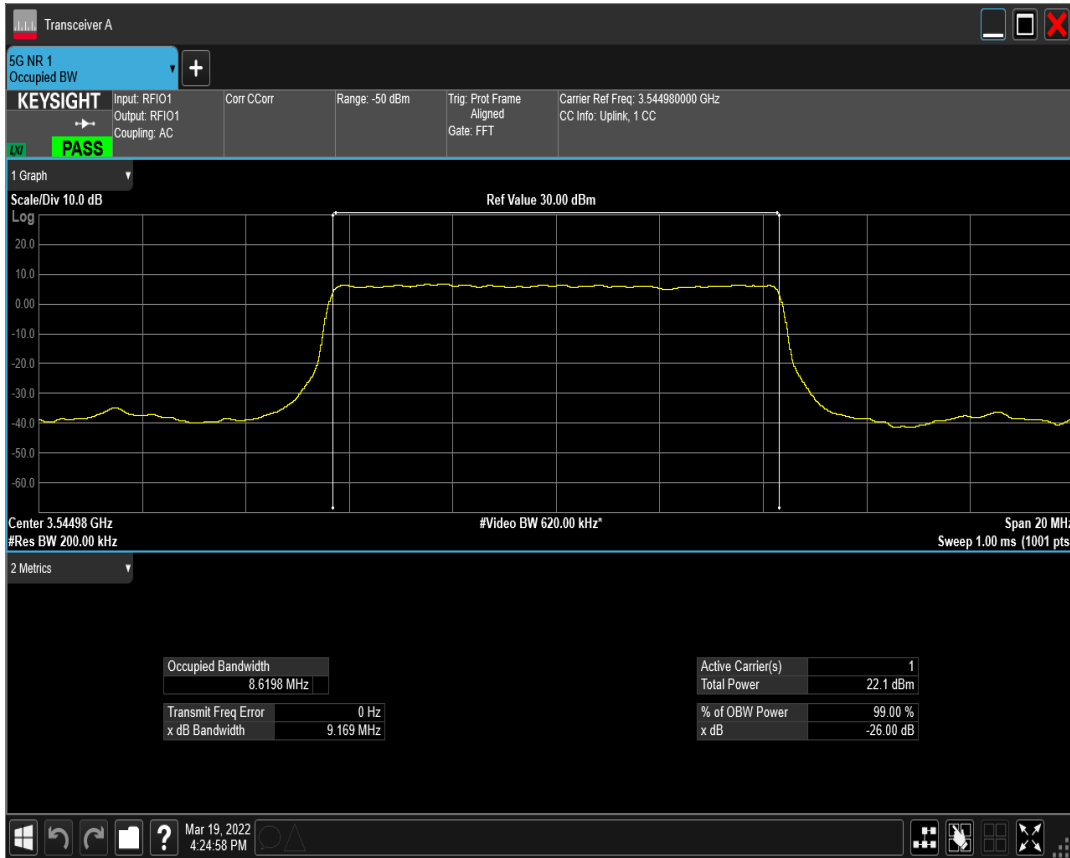
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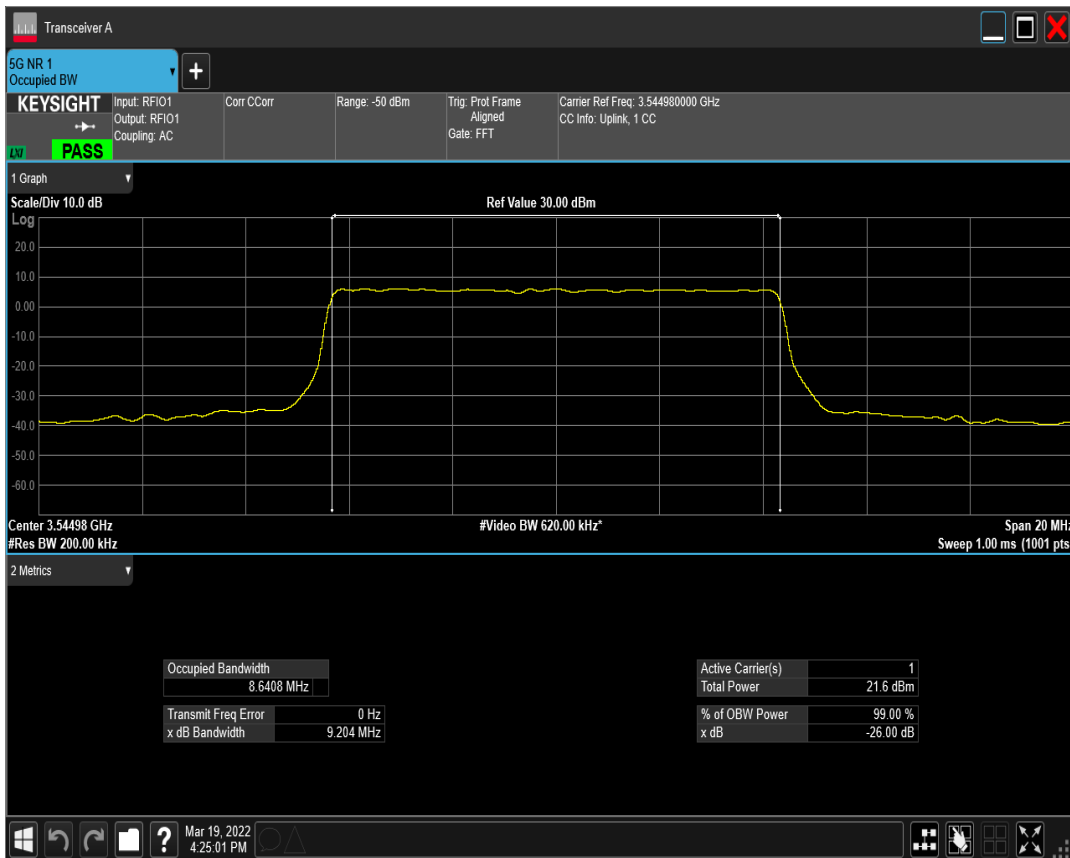
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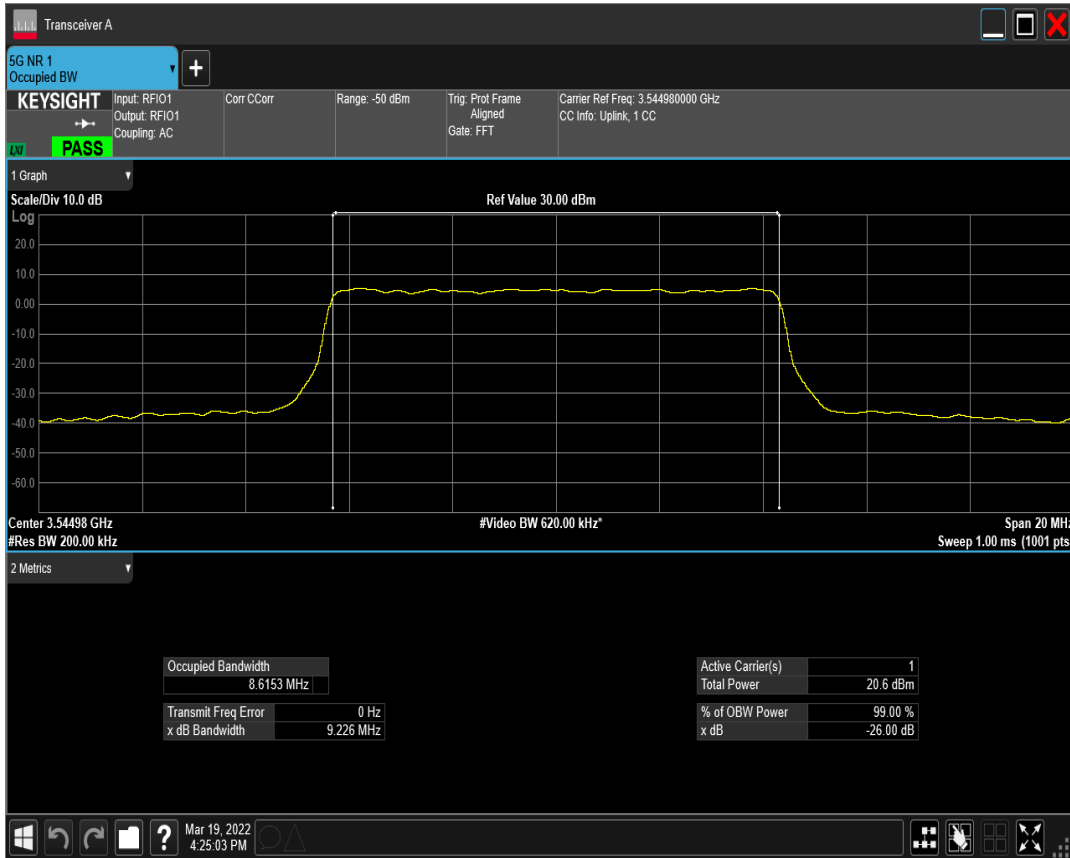
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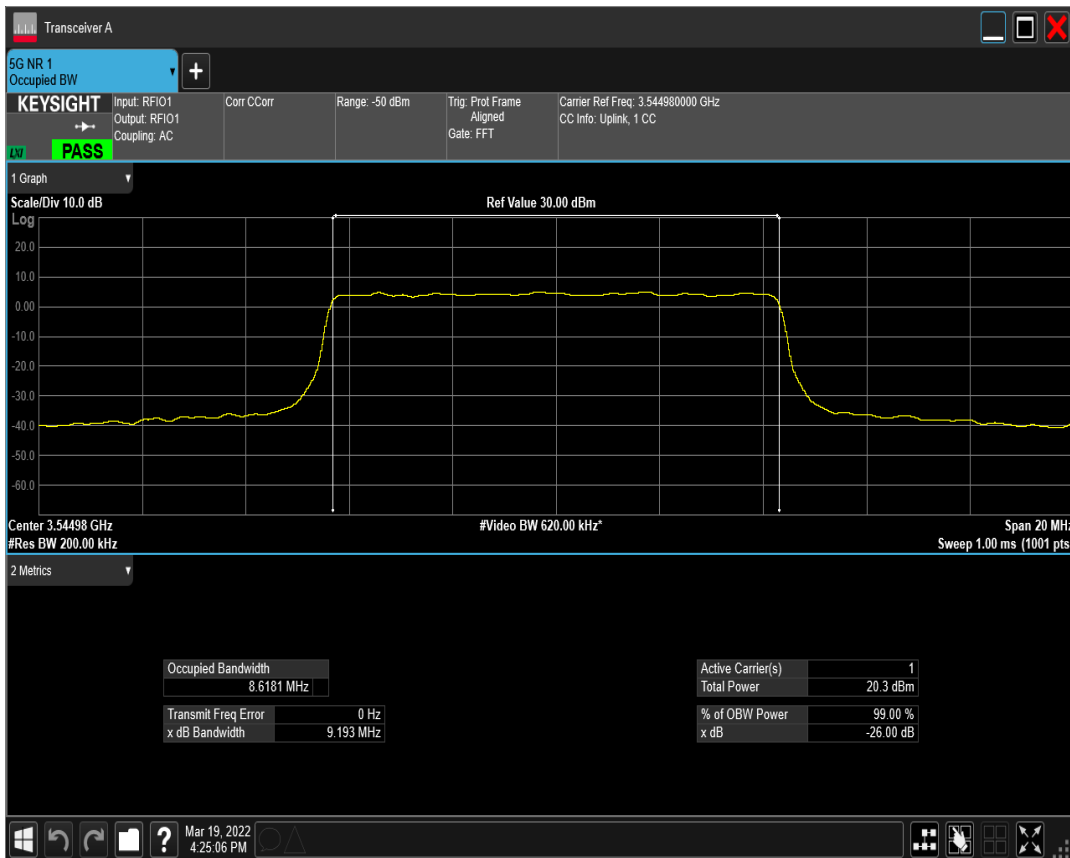
n77(3450-3550) SCS=30kHz DFT_QPSK BW=10MHz Channel=636332 RB=24@0



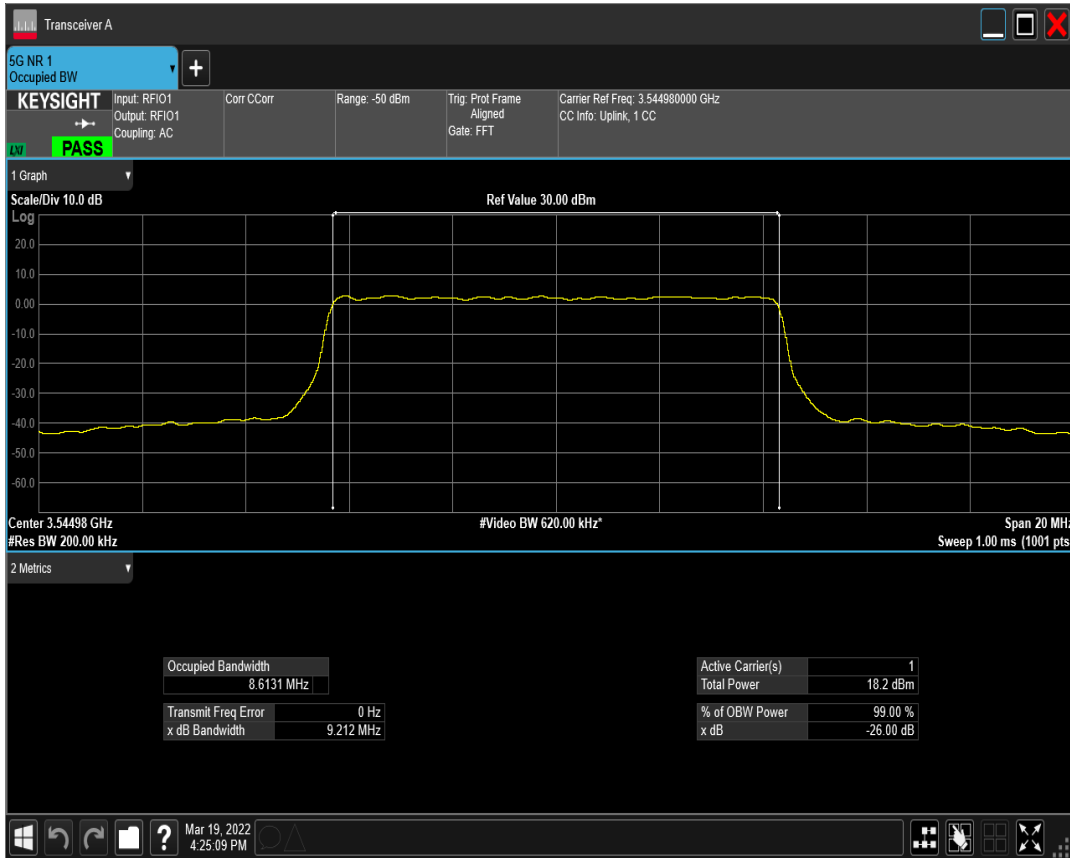
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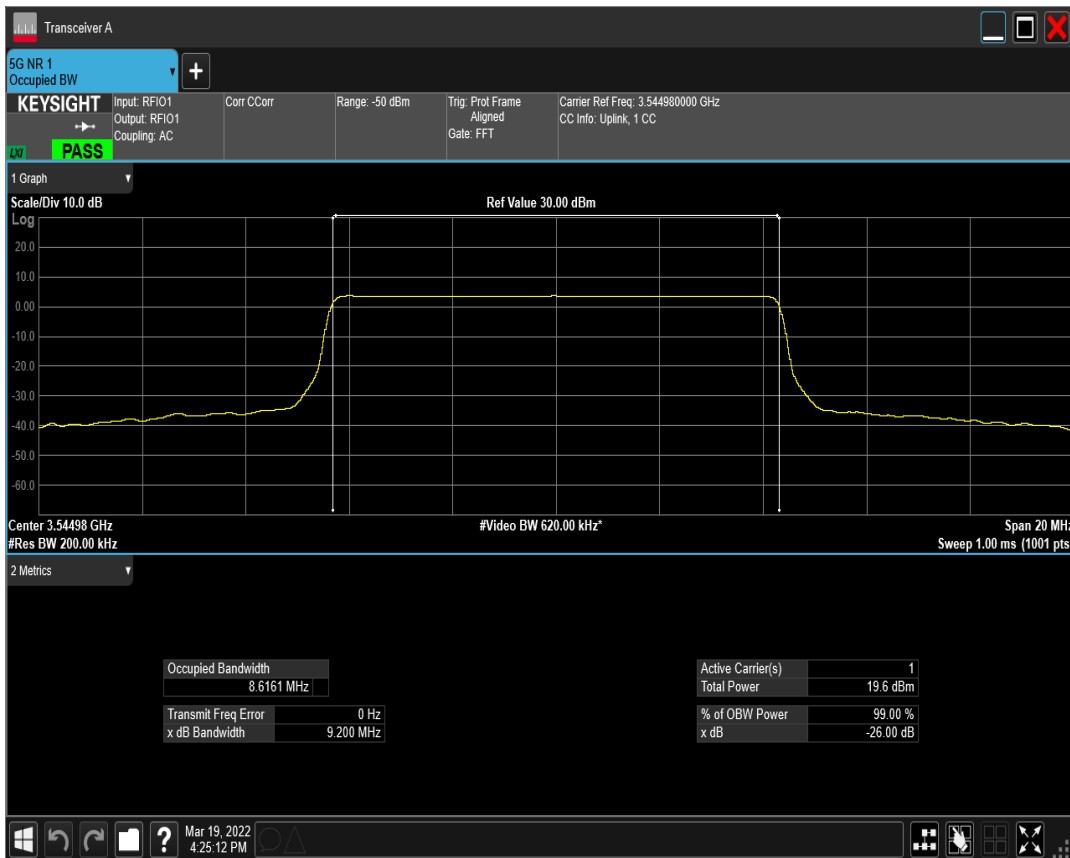
n77(3450-3550) SCS=30kHz DFT_QAM64 BW=10MHz Channel=636332 RB=24@0



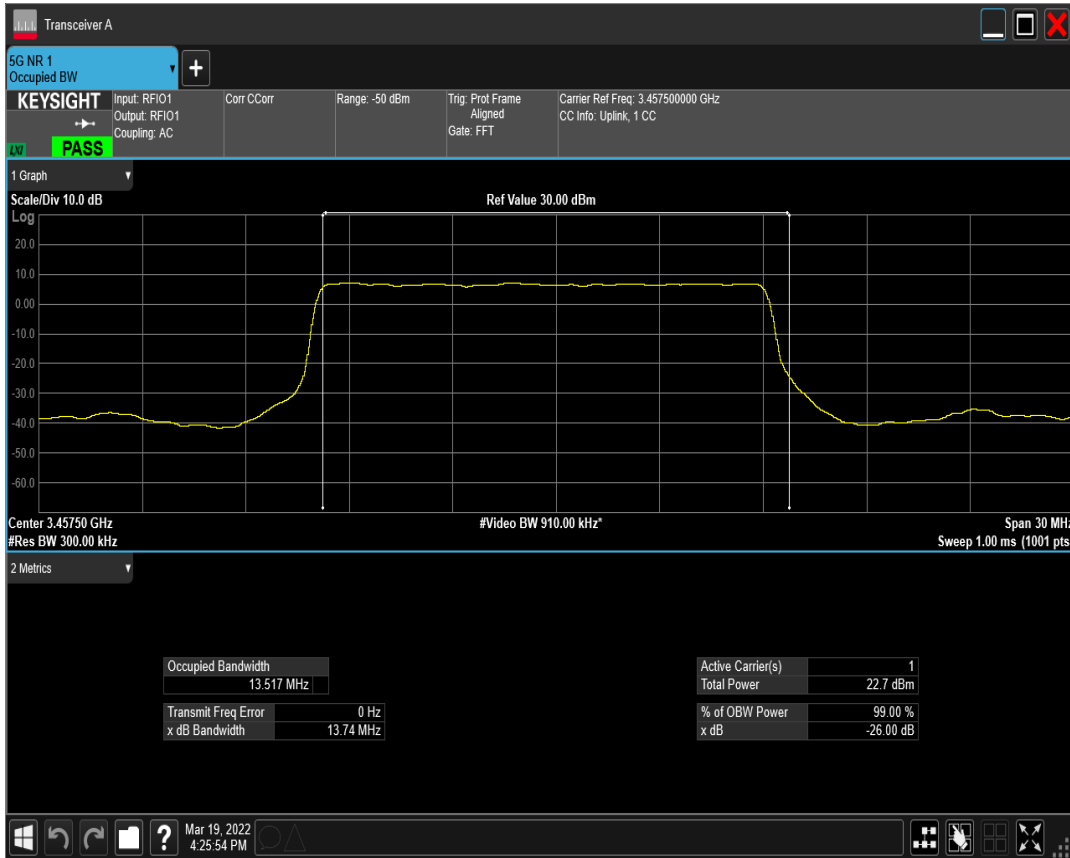
n77(3450-3550) SCS=30kHz DFT_QAM256 BW=10MHz Channel=636332 RB=24@0



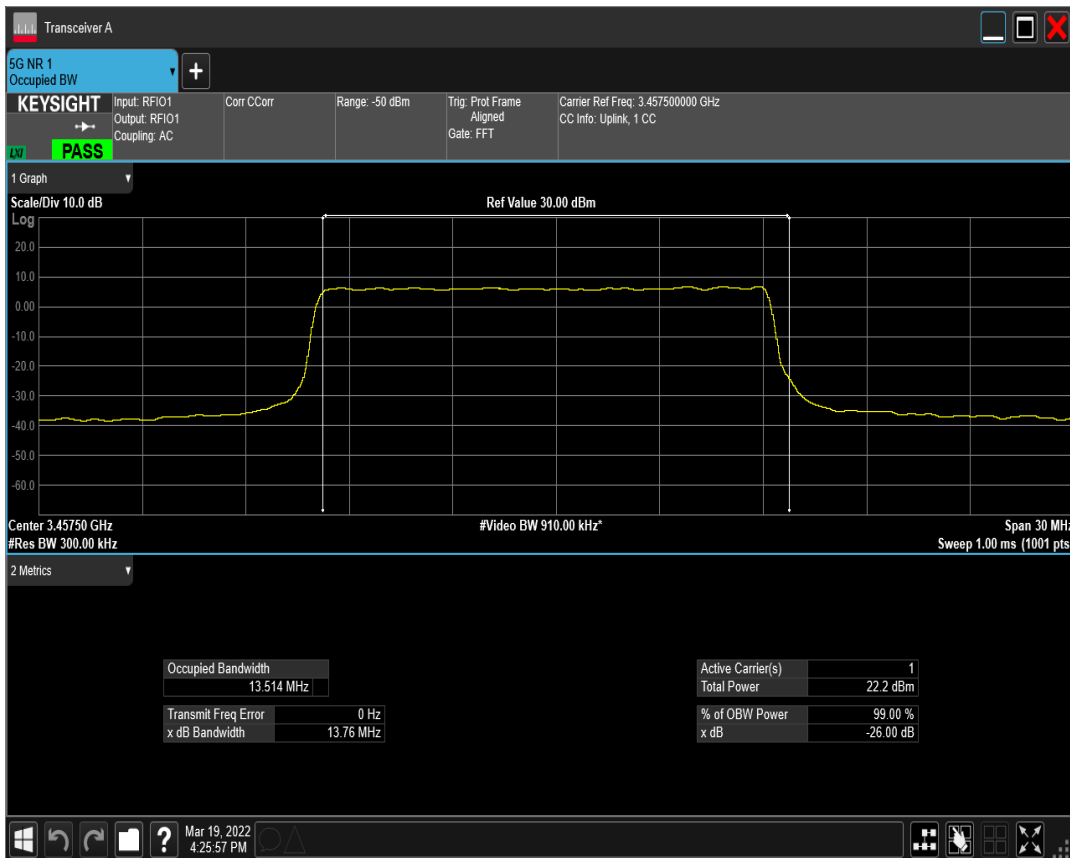
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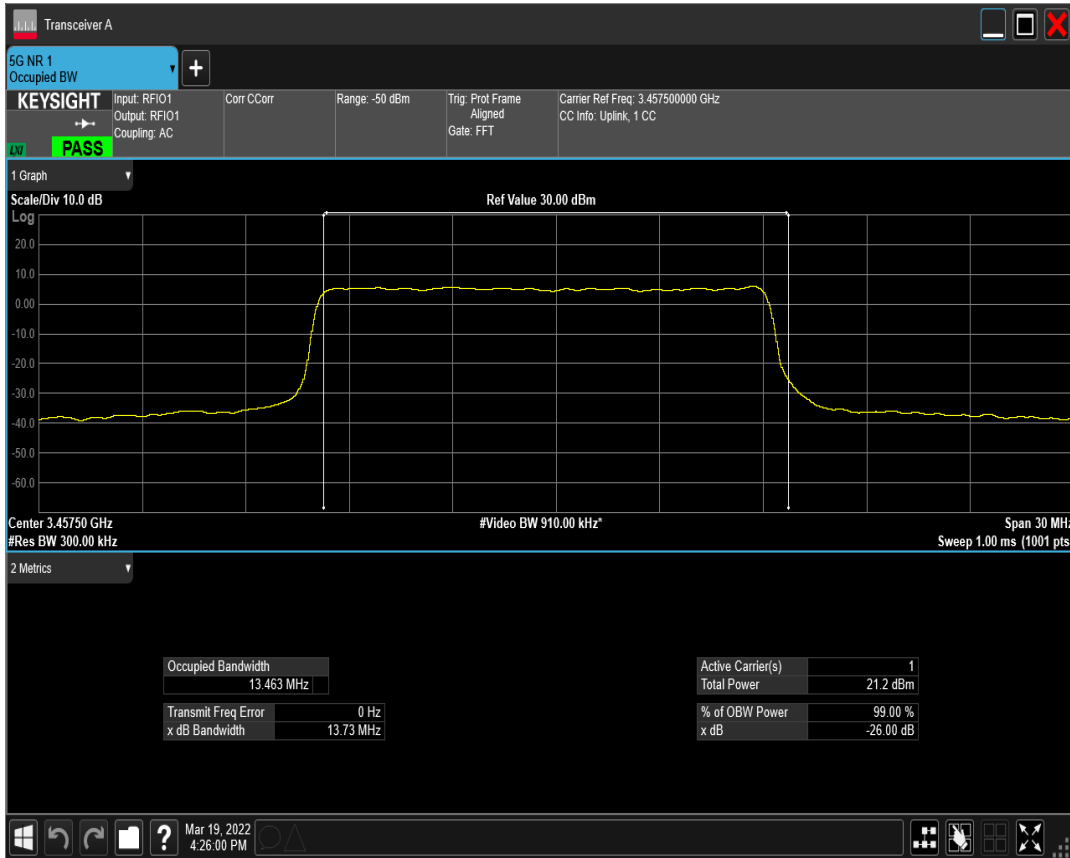
n77(3450-3550) SCS=30kHz DFT_BPSK BW=15MHz Channel=630500 RB=36@0



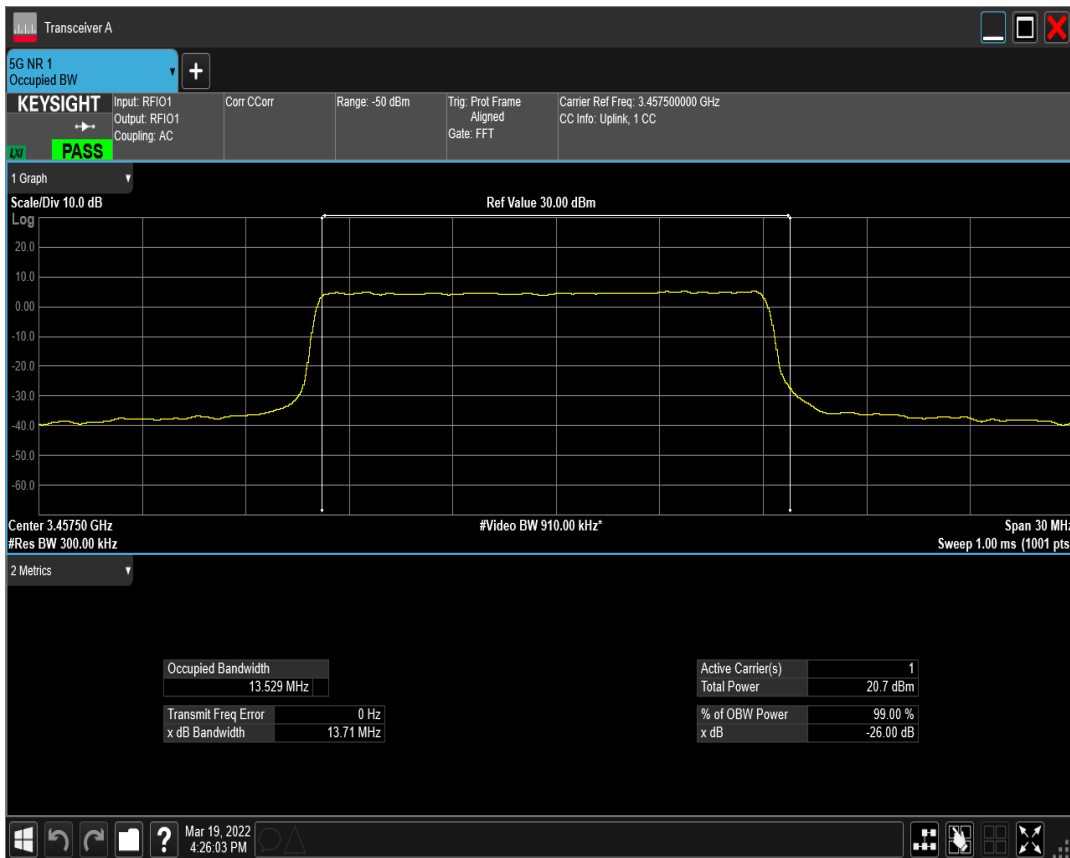
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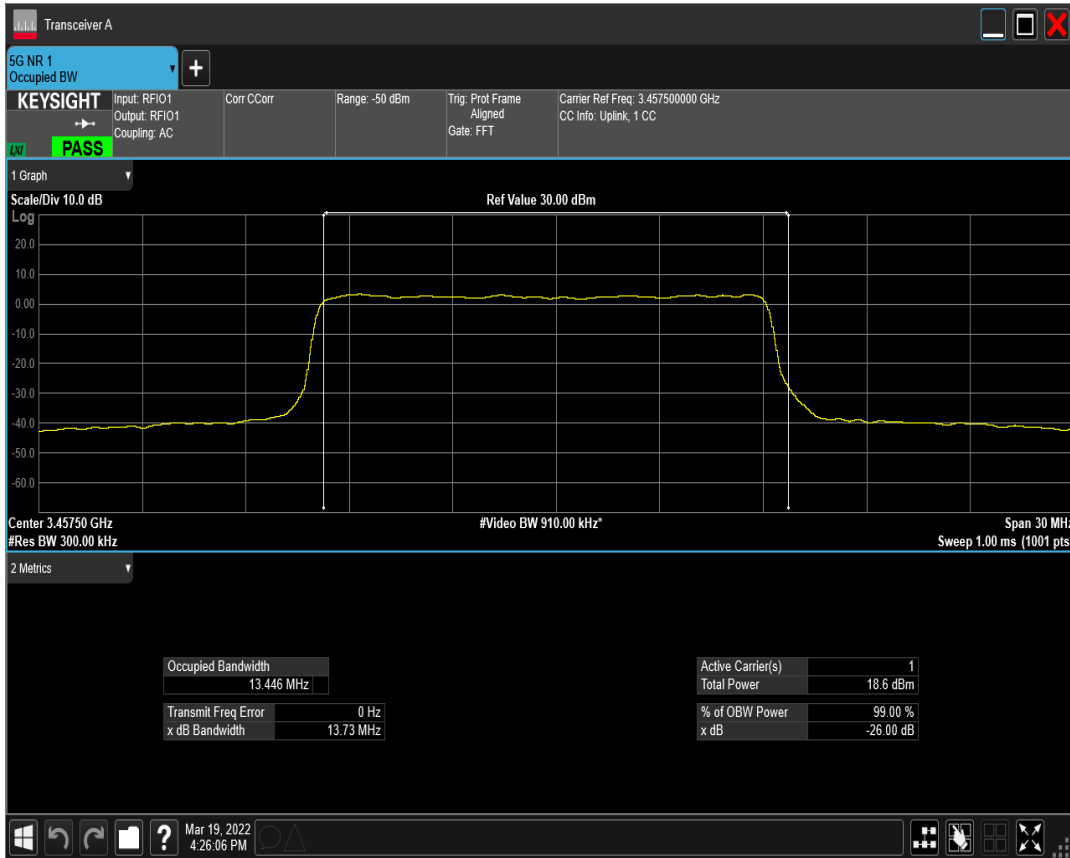
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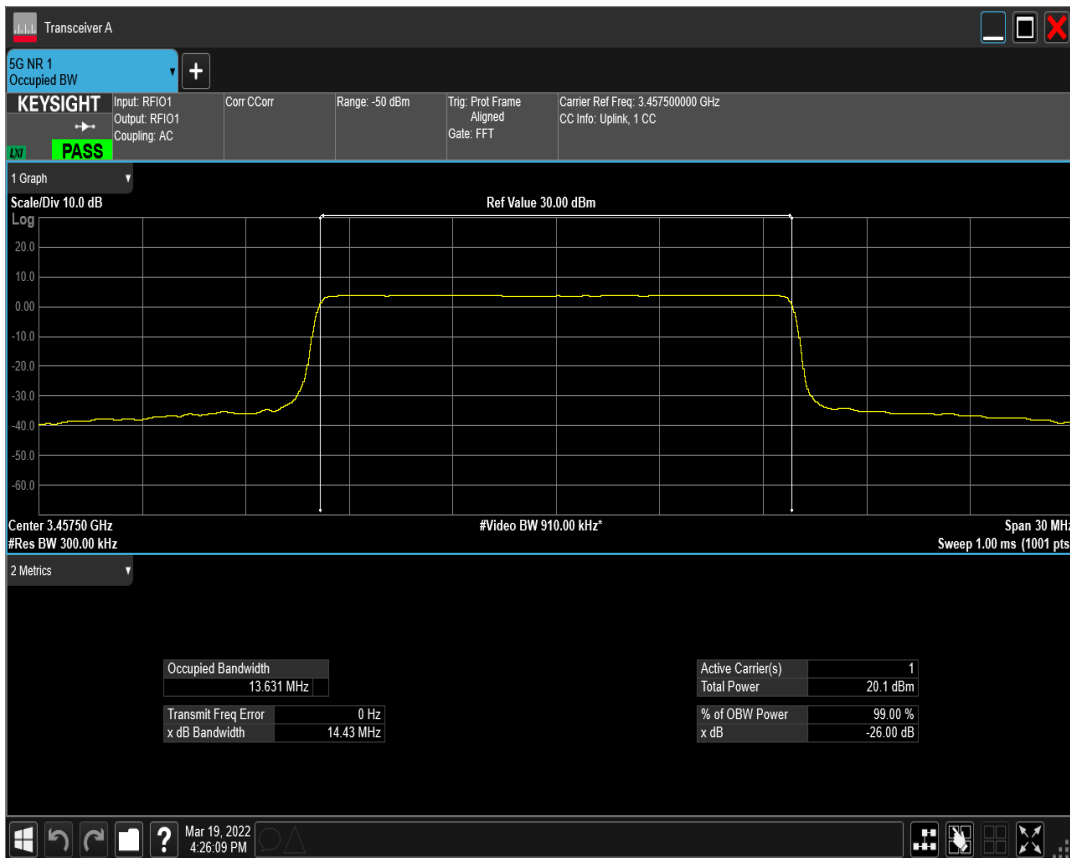
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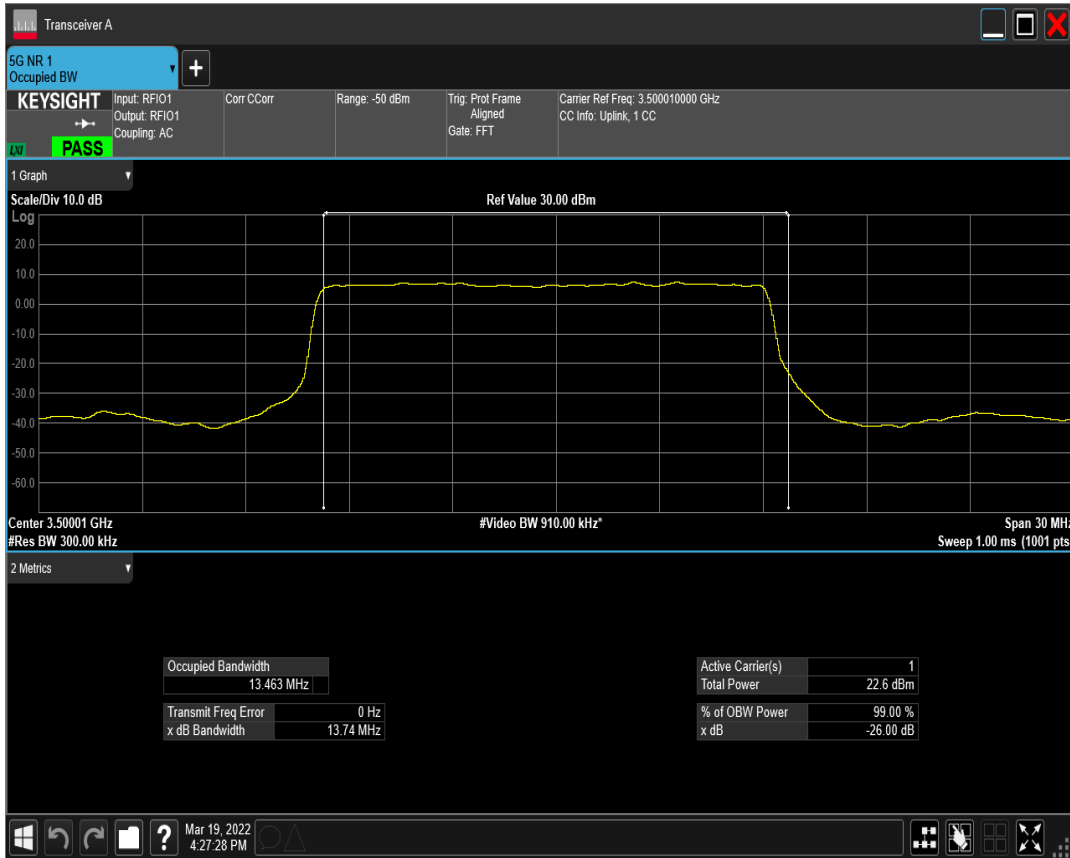
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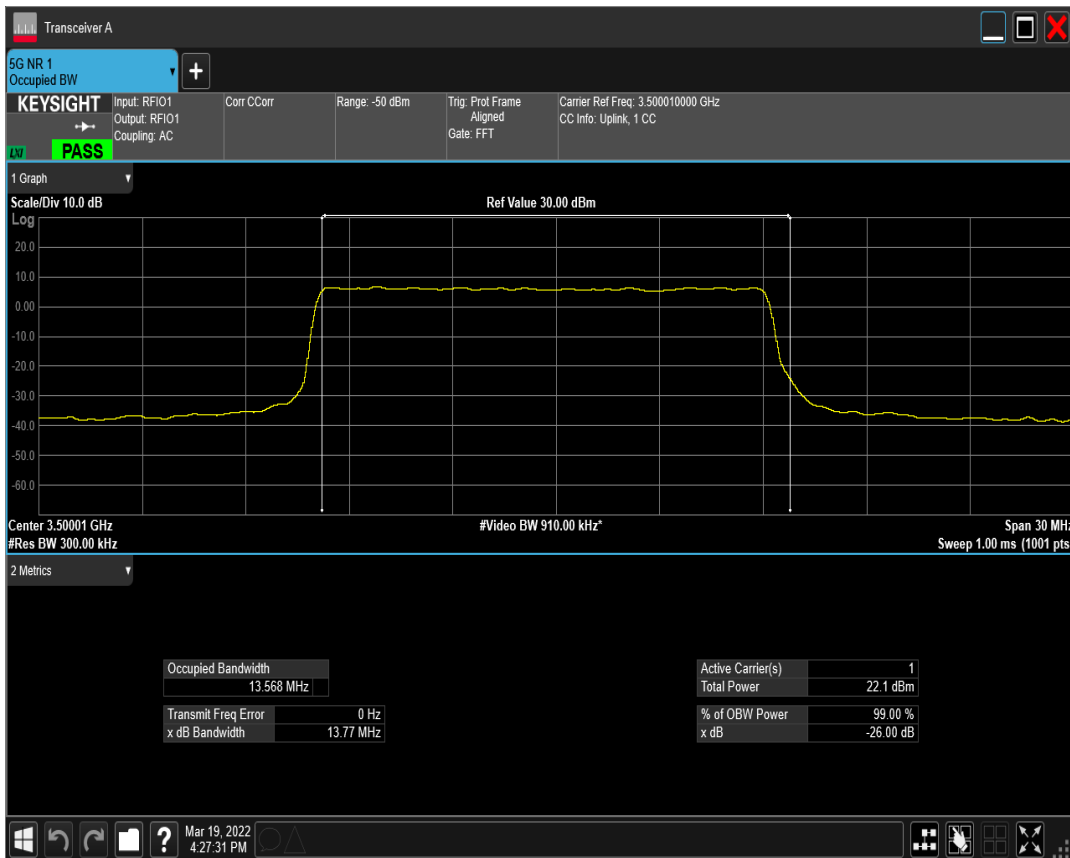
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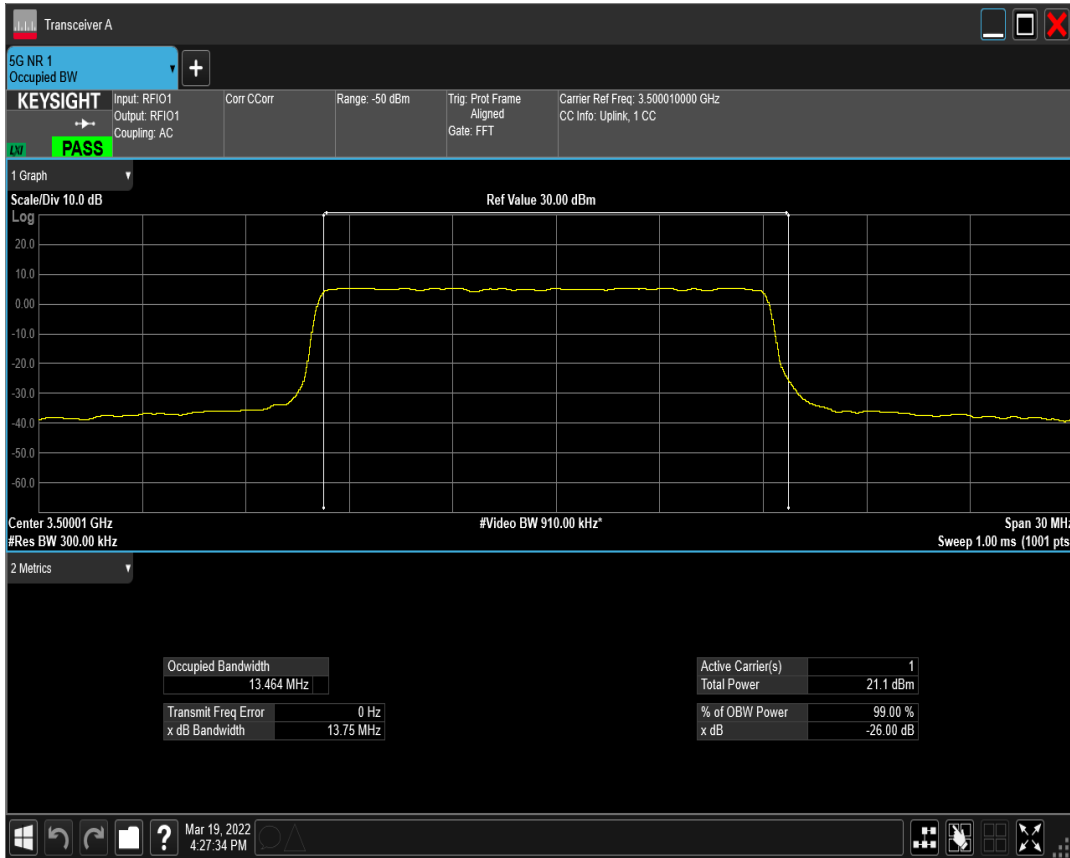
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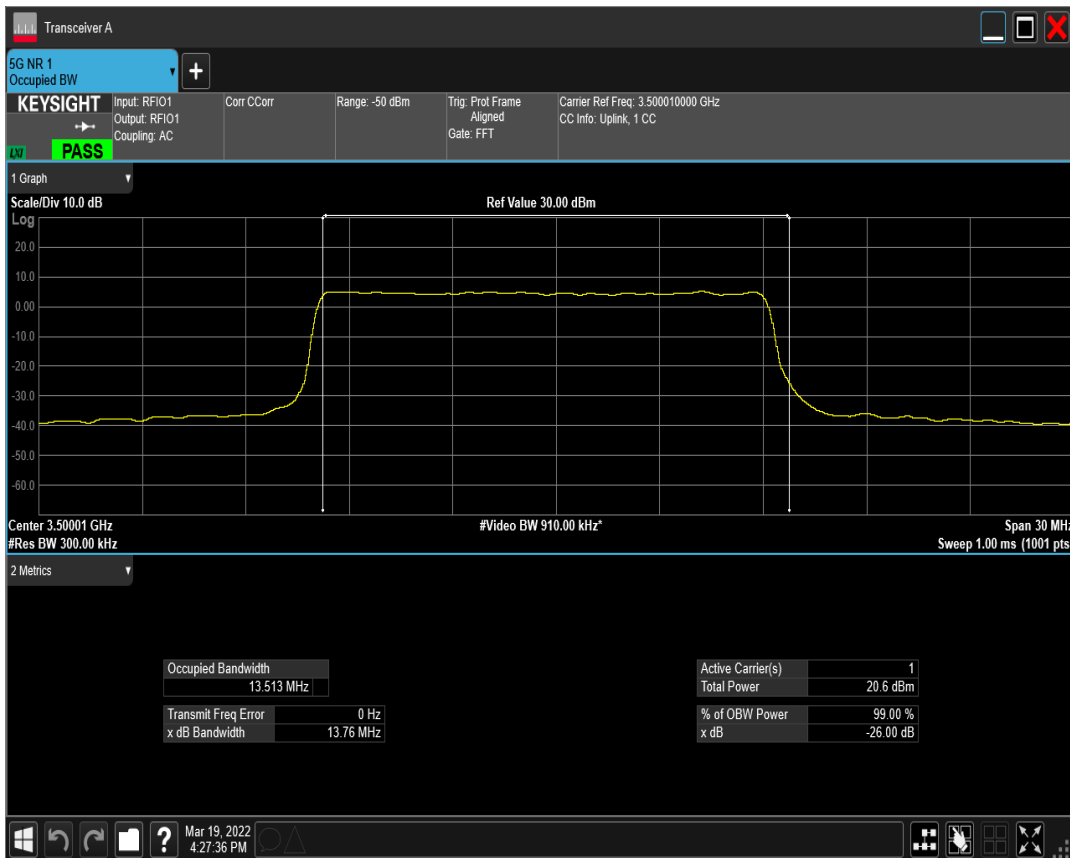
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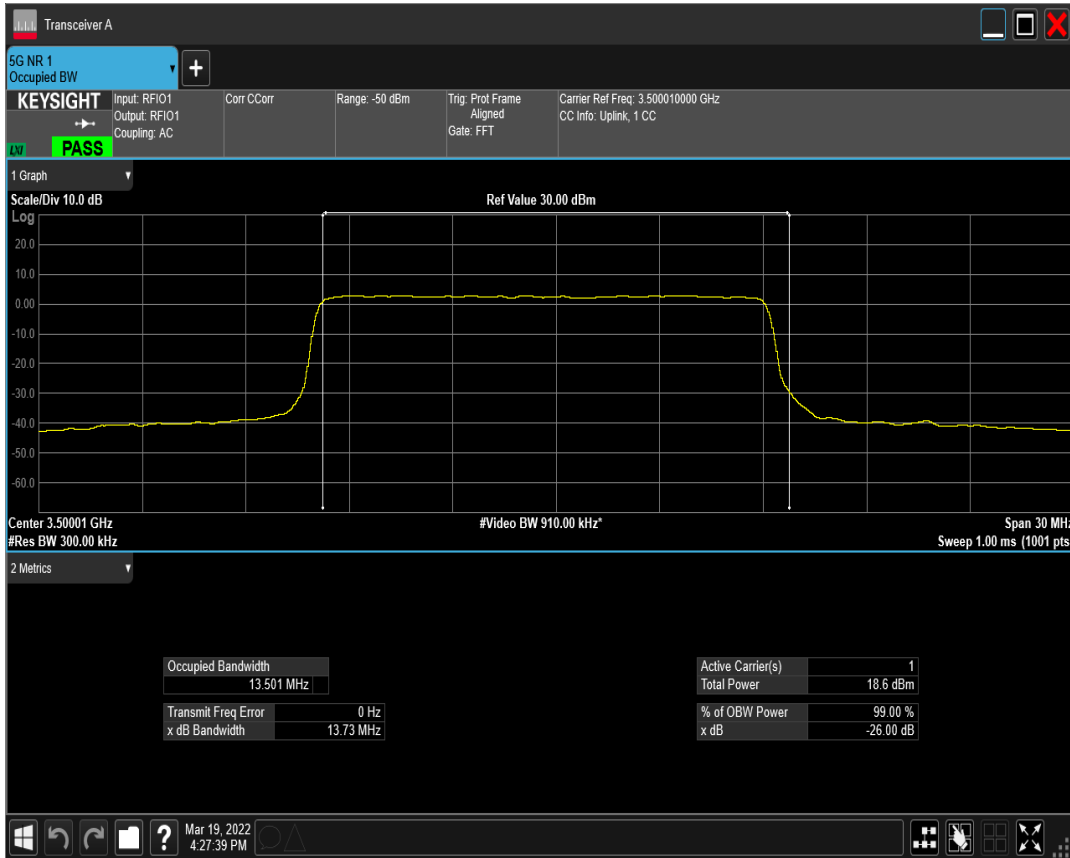
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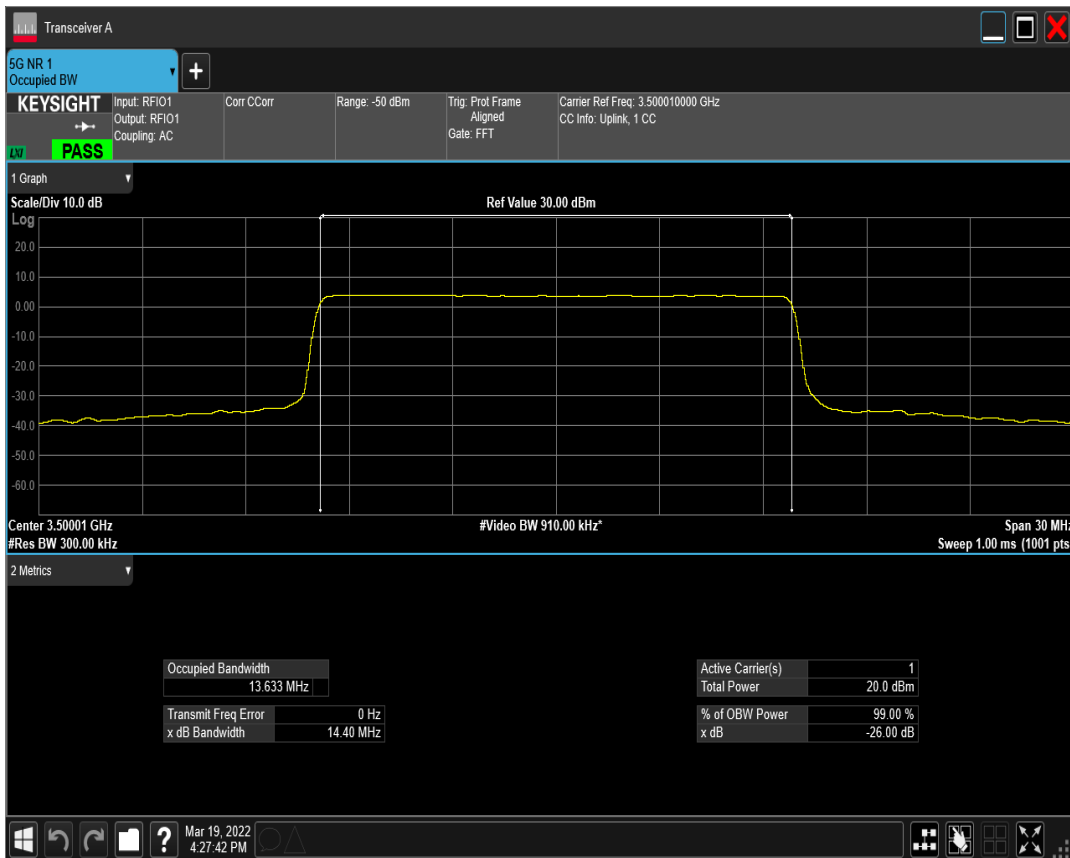
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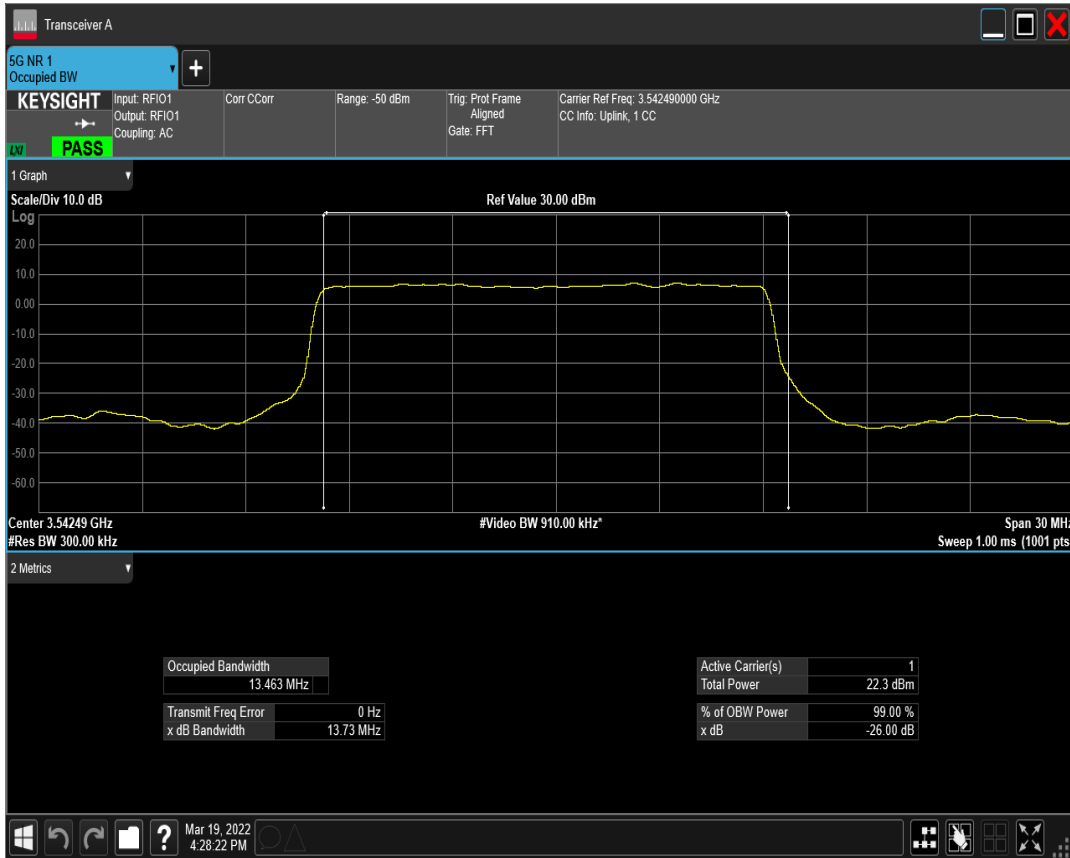
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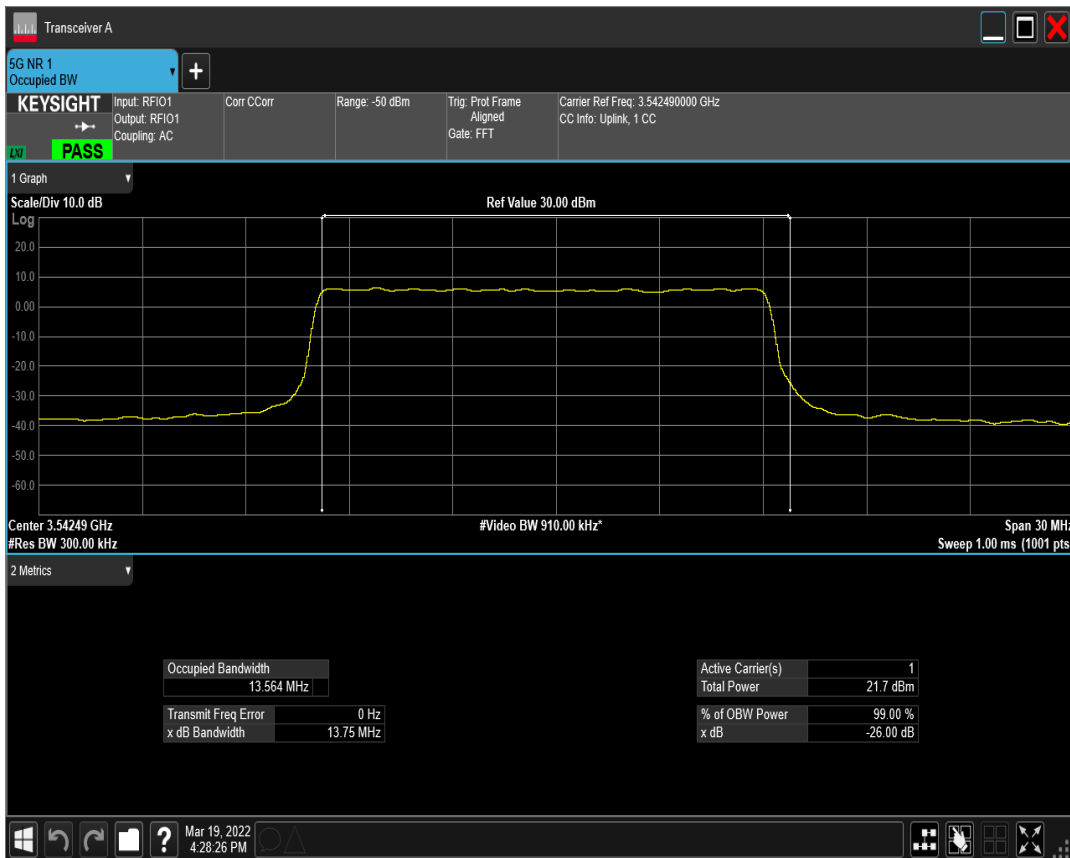
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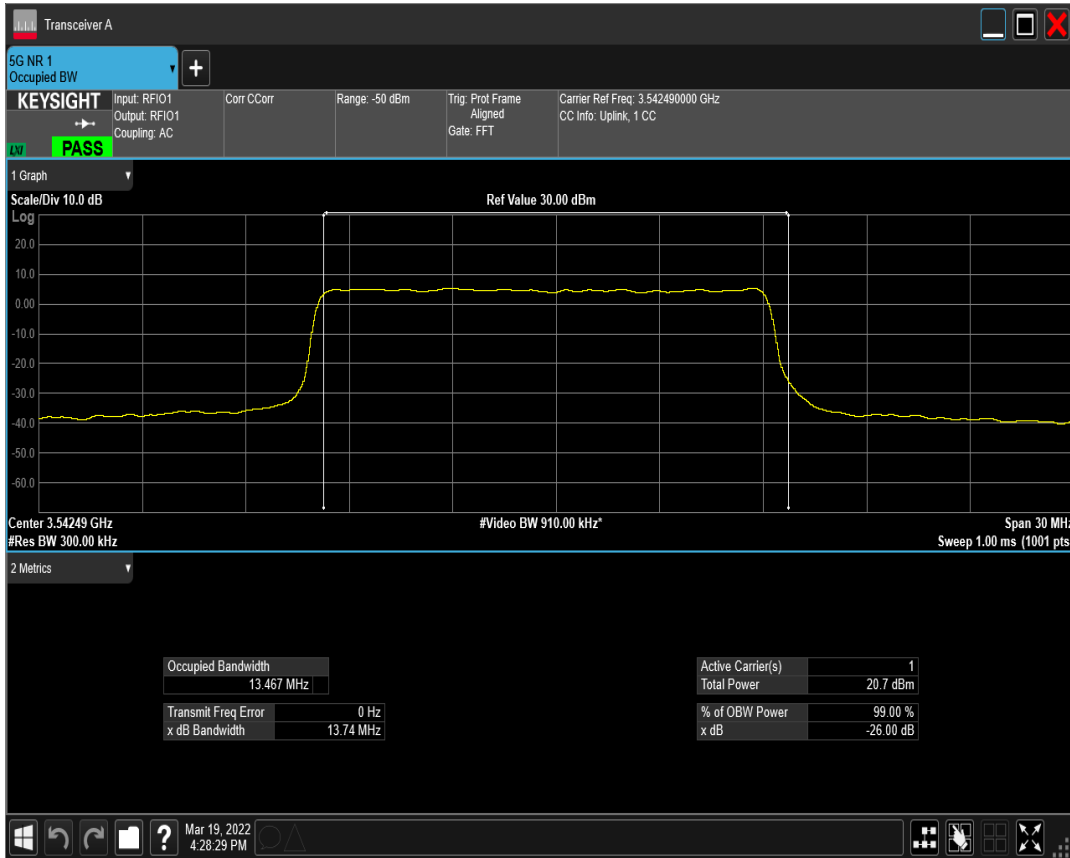
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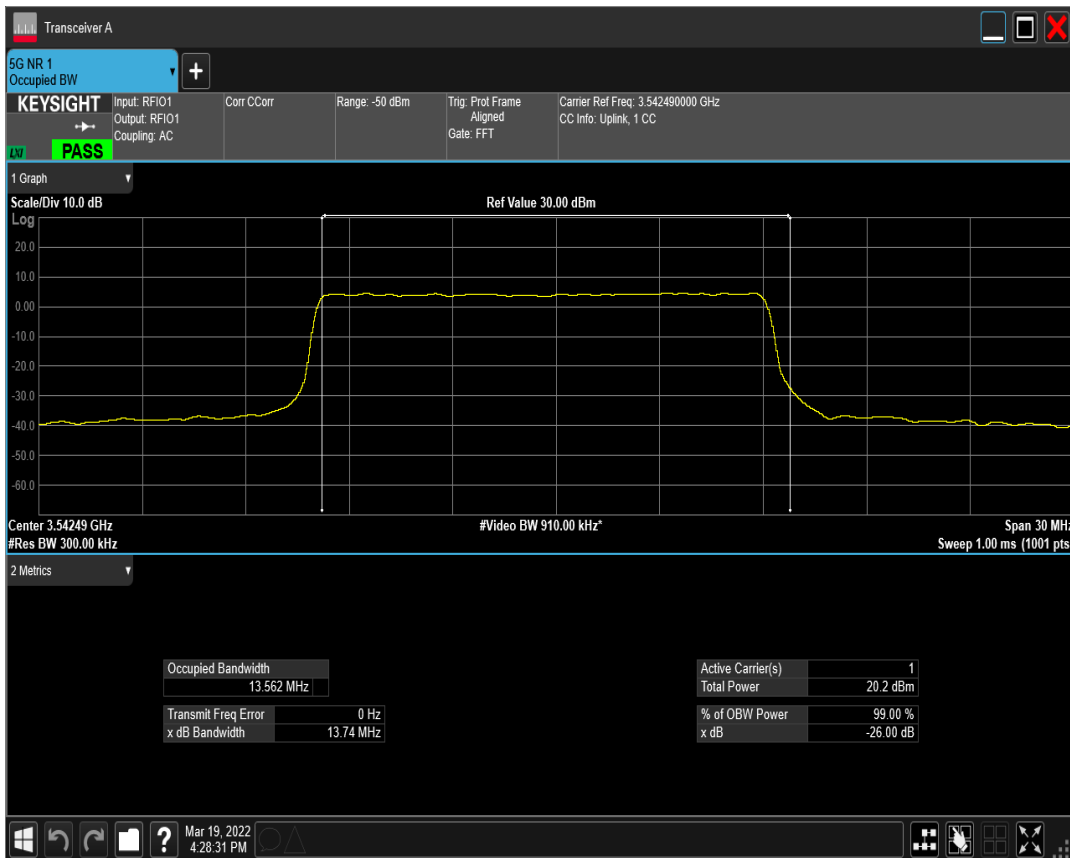
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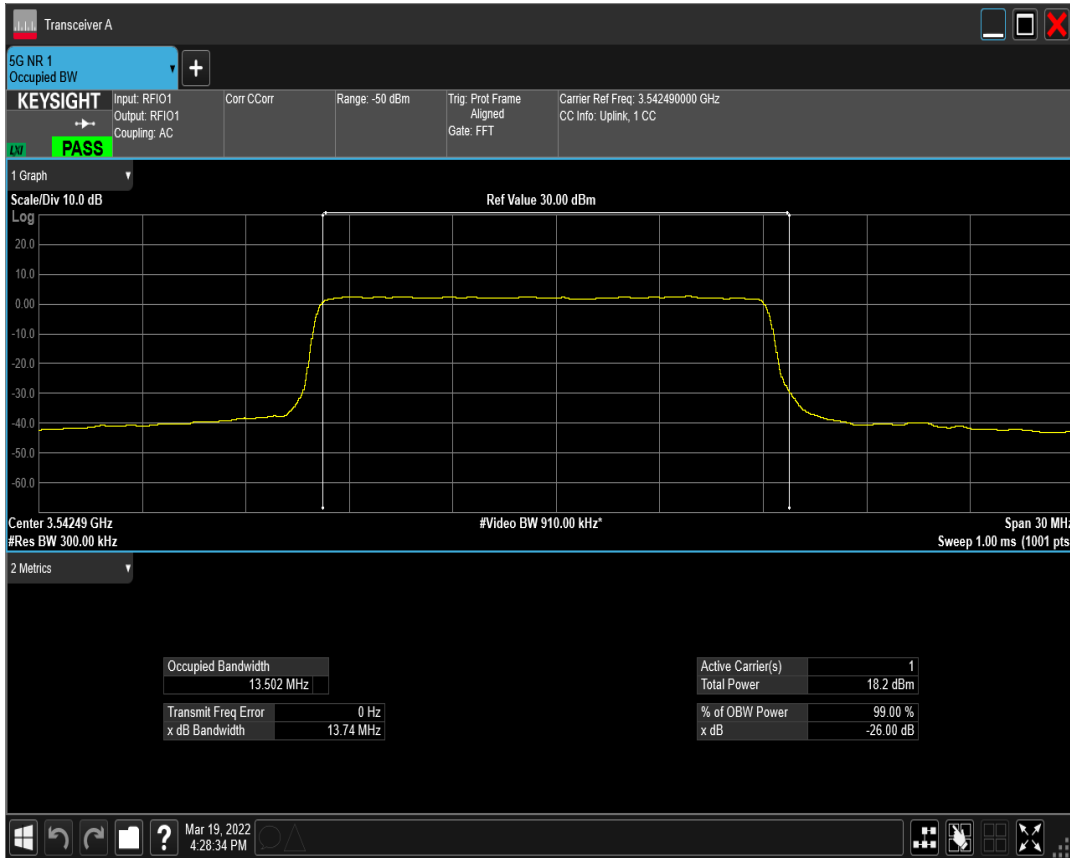
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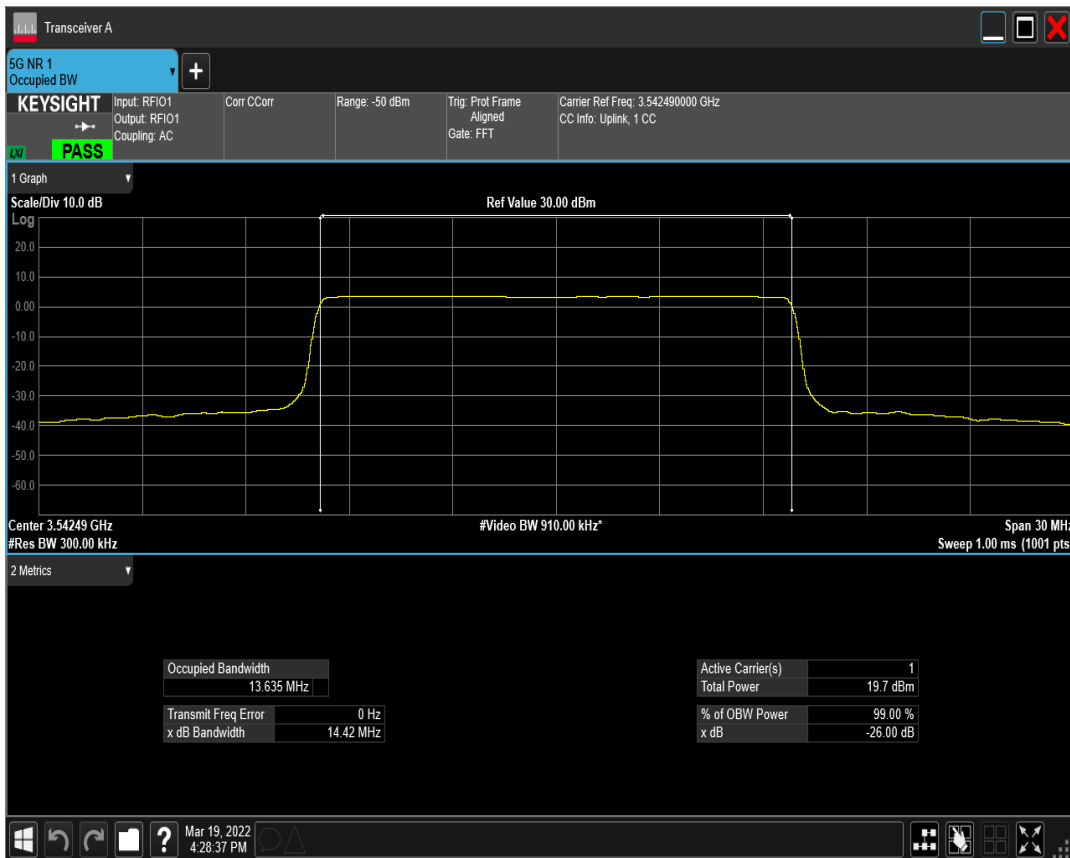
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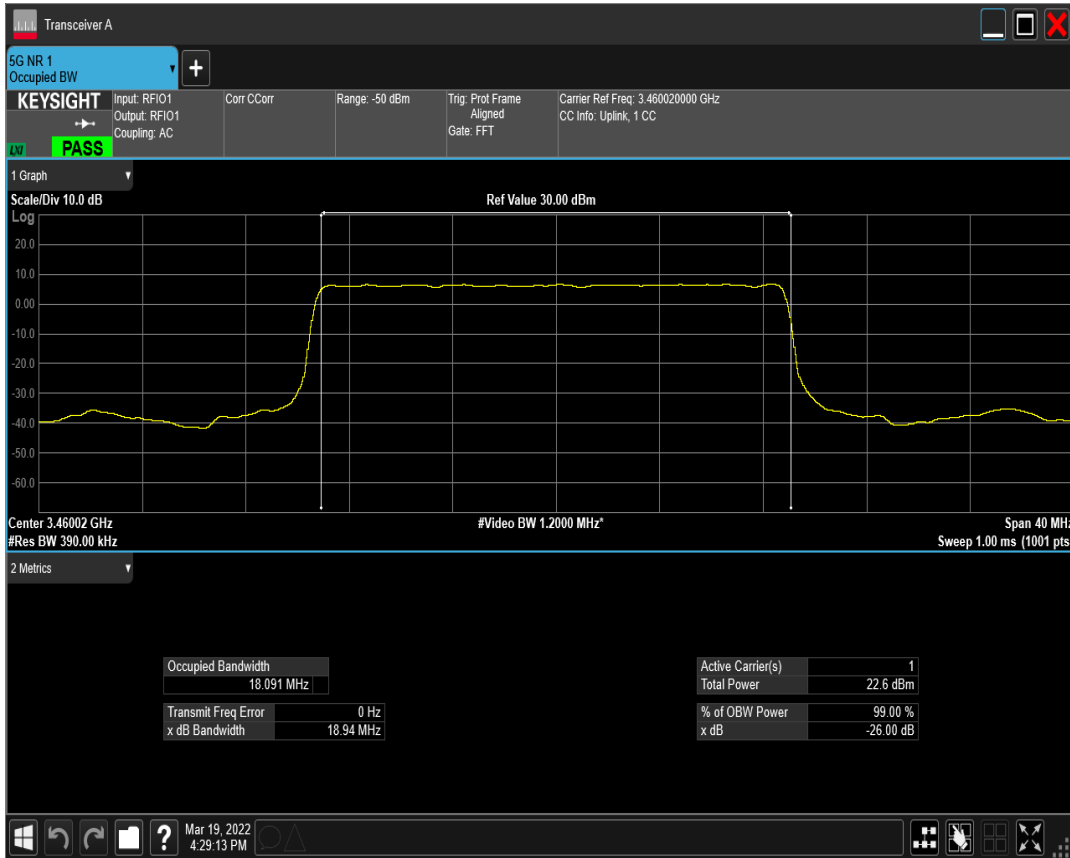
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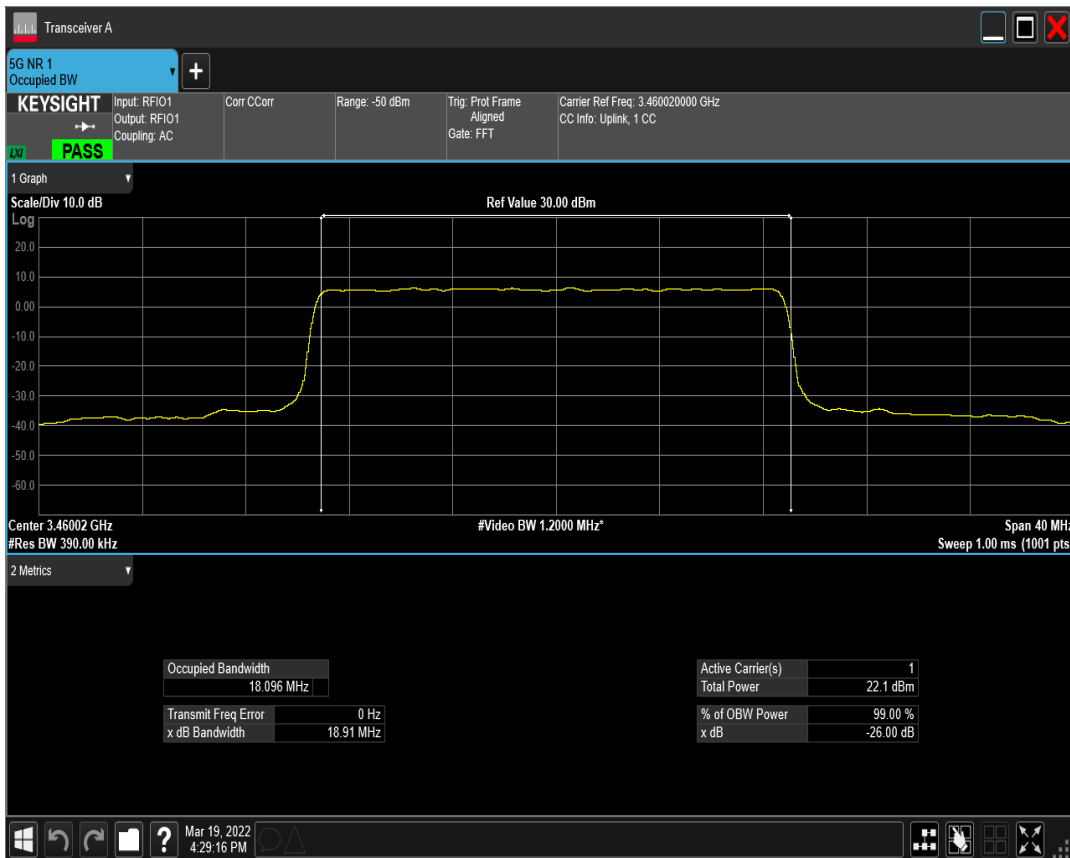
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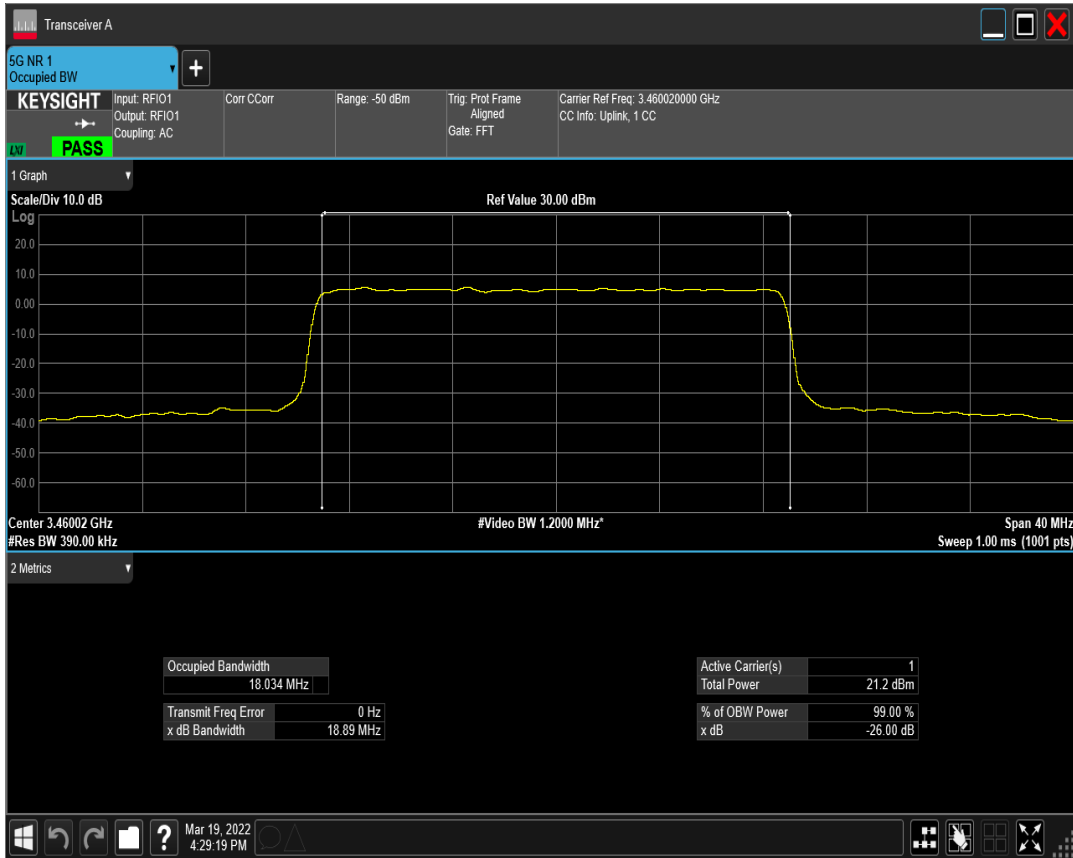
n77(3450-3550) SCS=30kHz DFT_BPSK BW=20MHz Channel=630668 RB=50@0



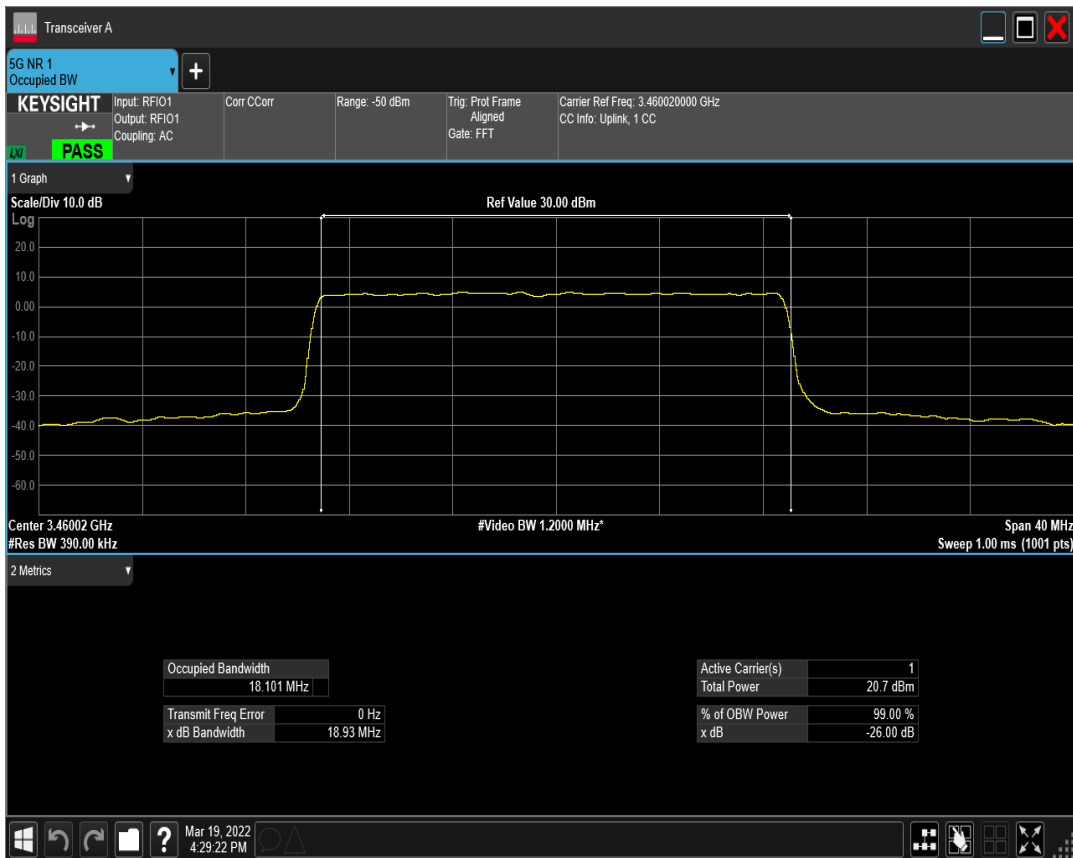
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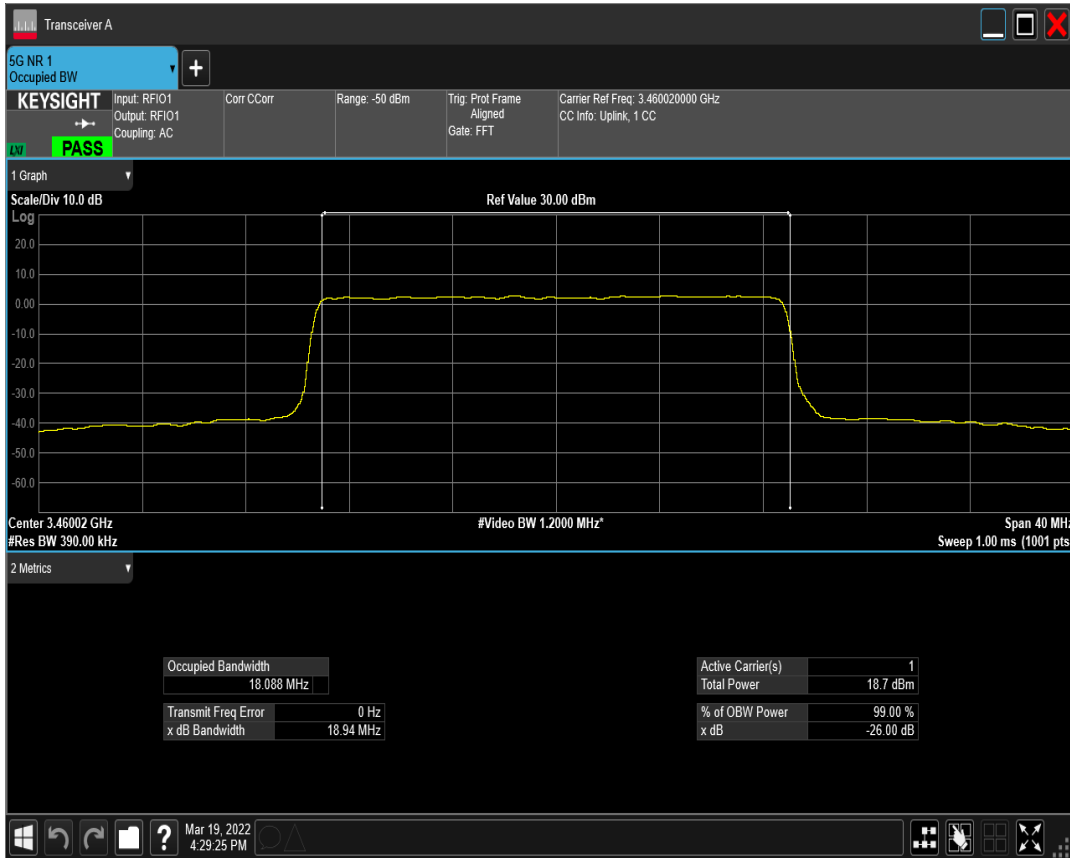
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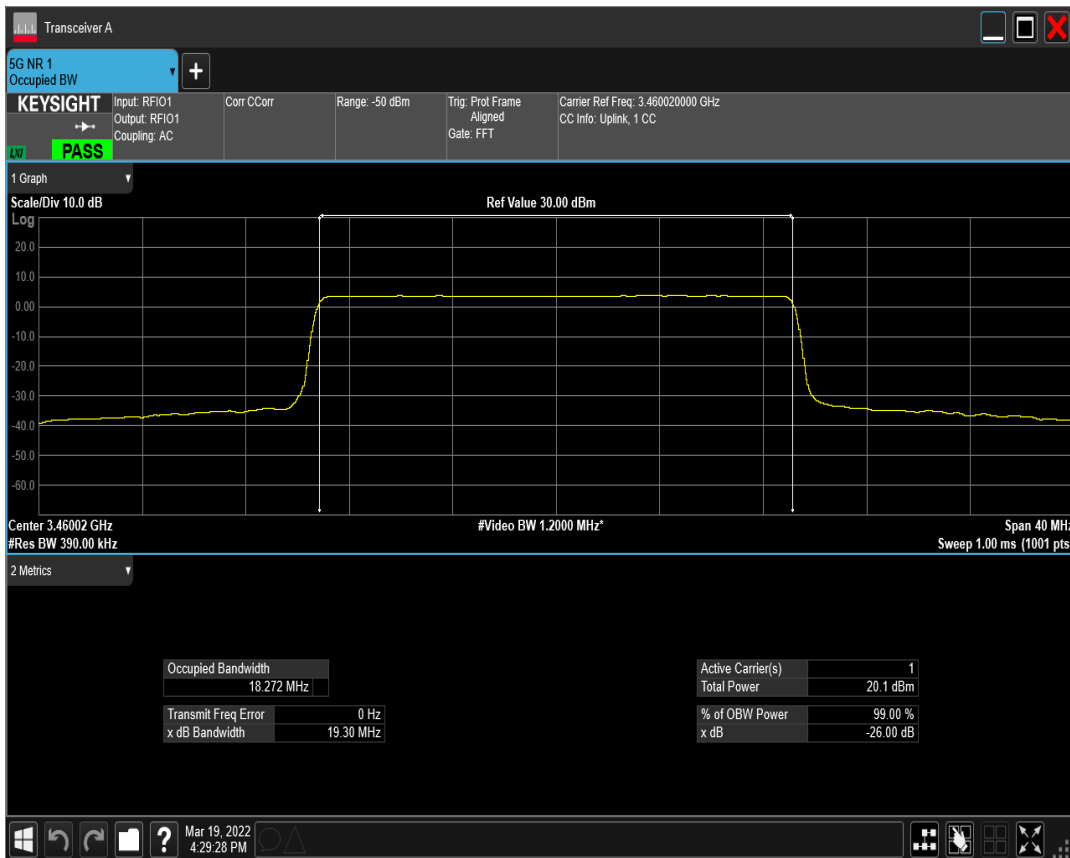
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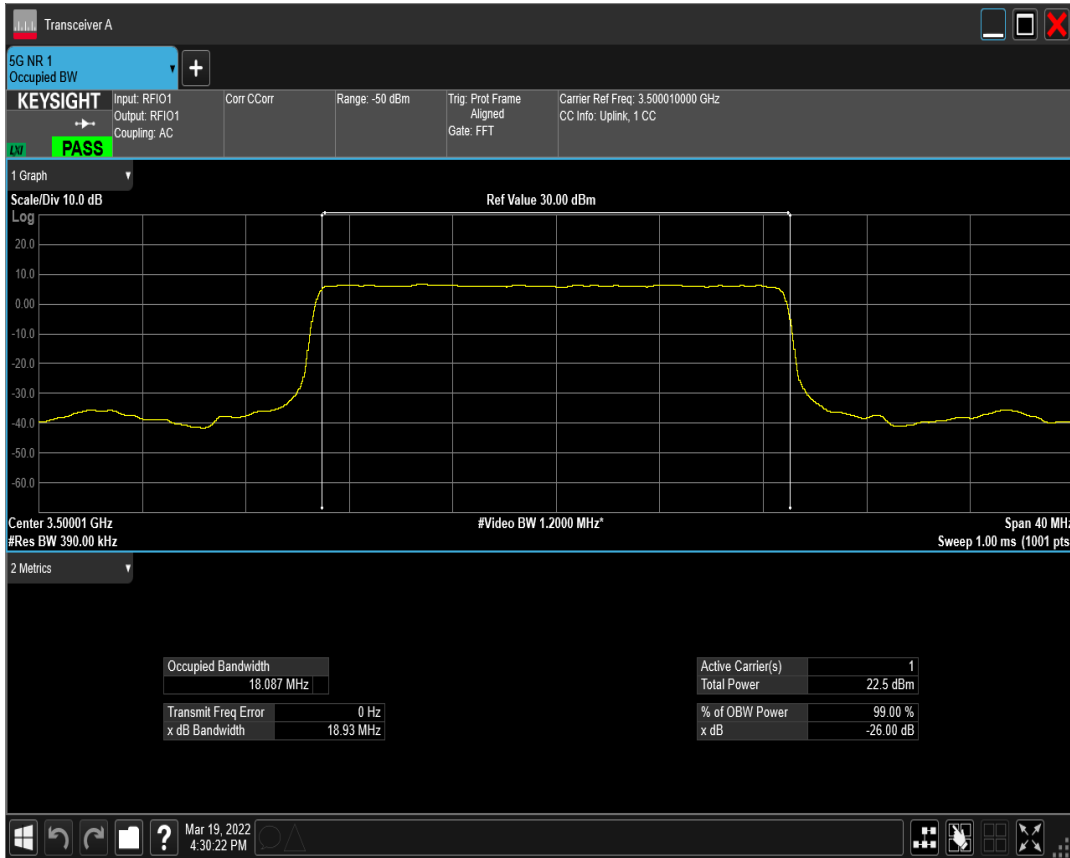
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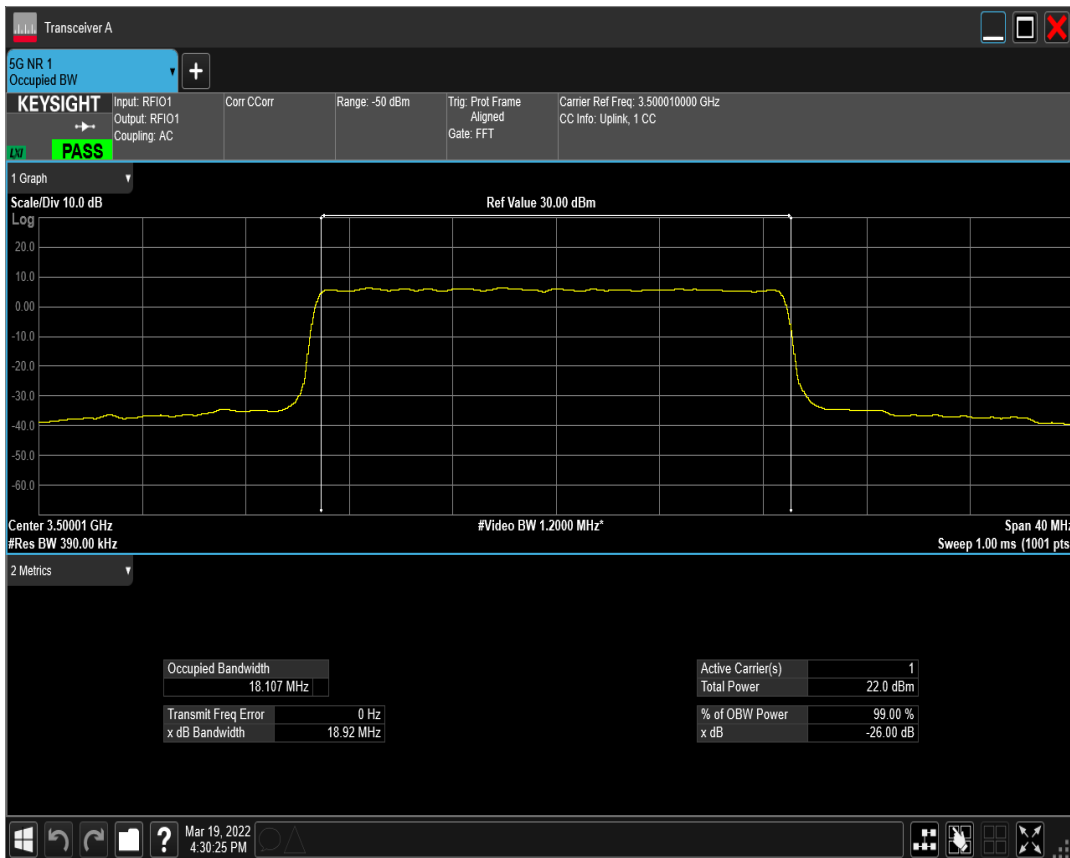
n77(3450-3550) SCS=30kHz CP_QPSK BW=20MHz Channel=630668 RB=51 @0



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



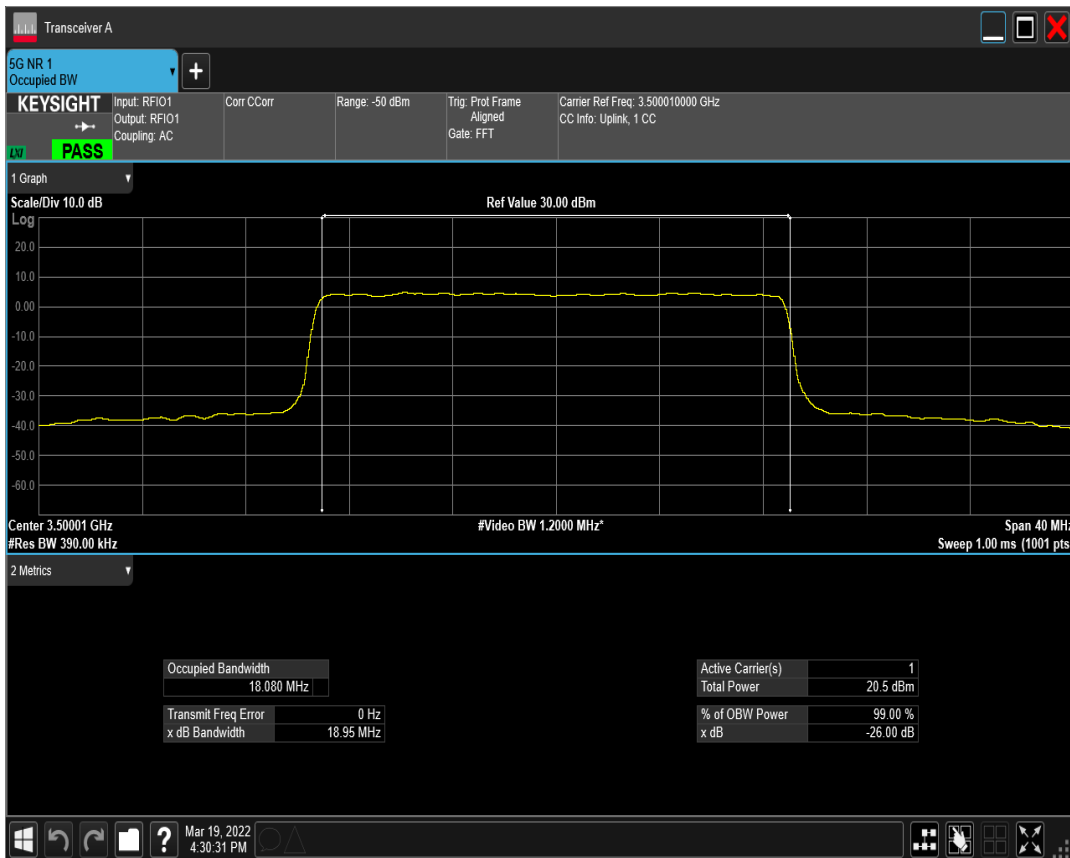
n77(3450-3550) SCS=30kHz DFT_QPSK BW=20MHz Channel=633334 RB=50@0



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



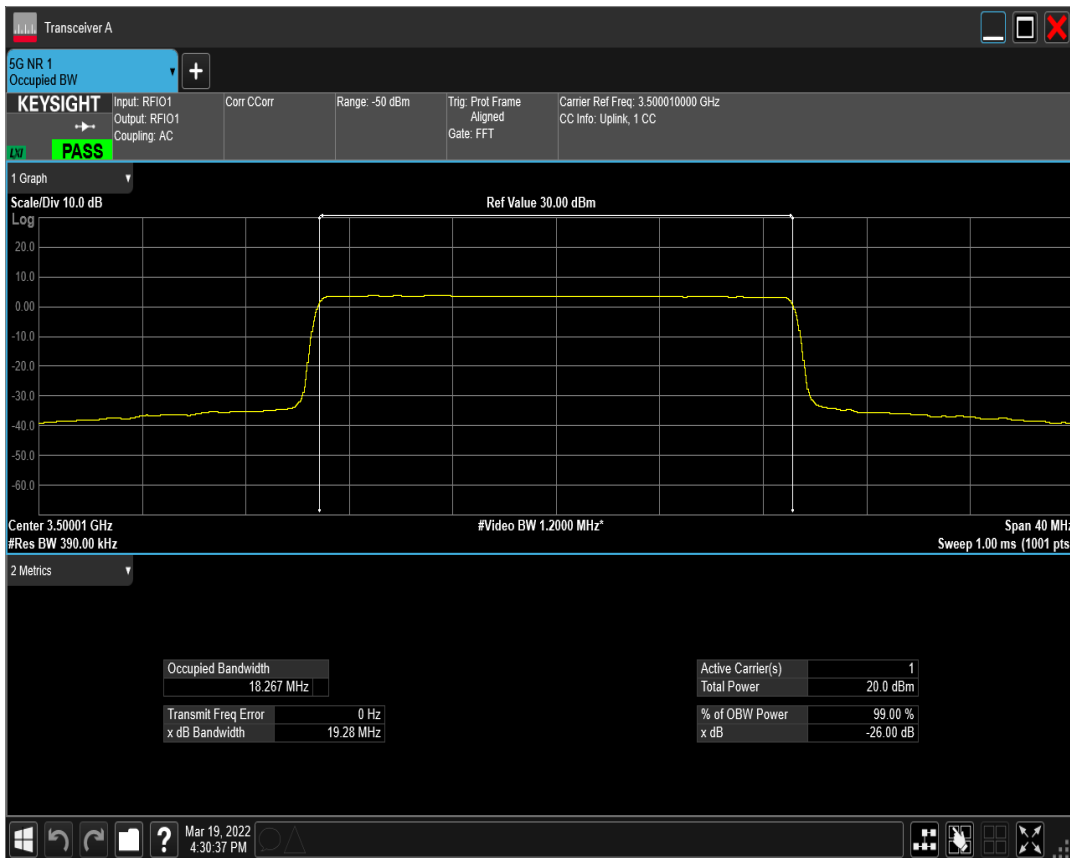
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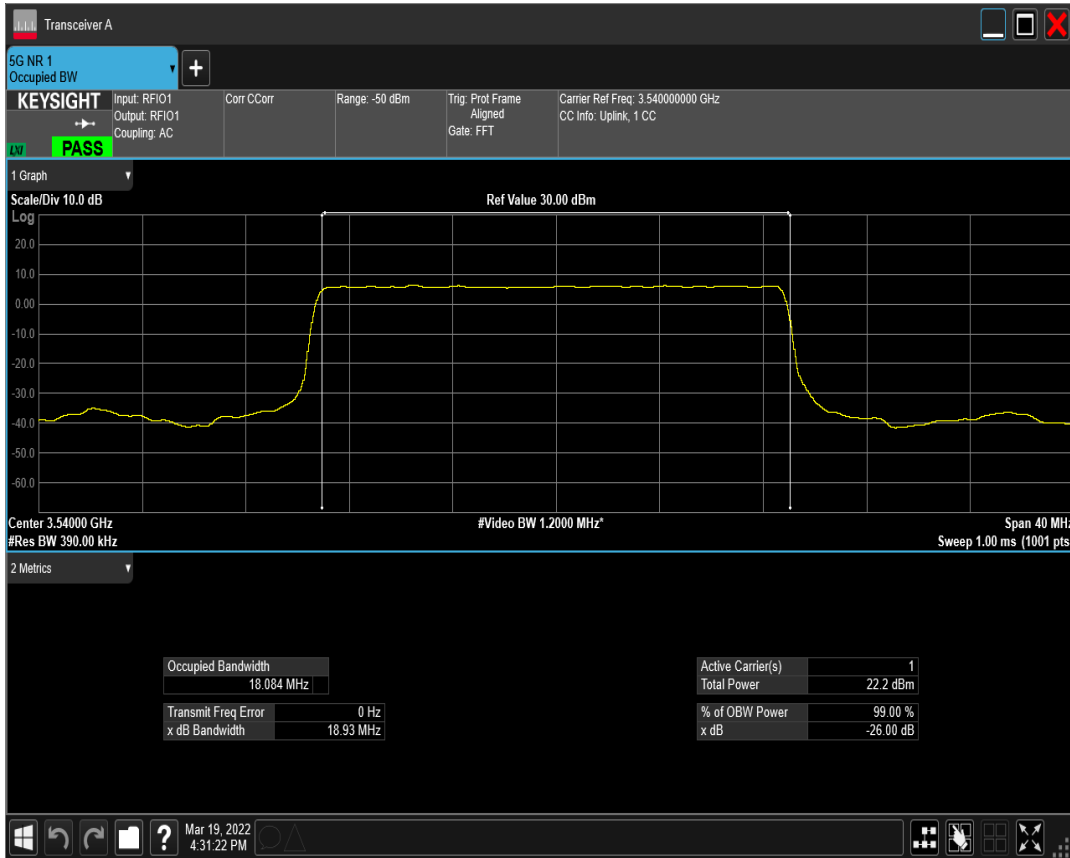
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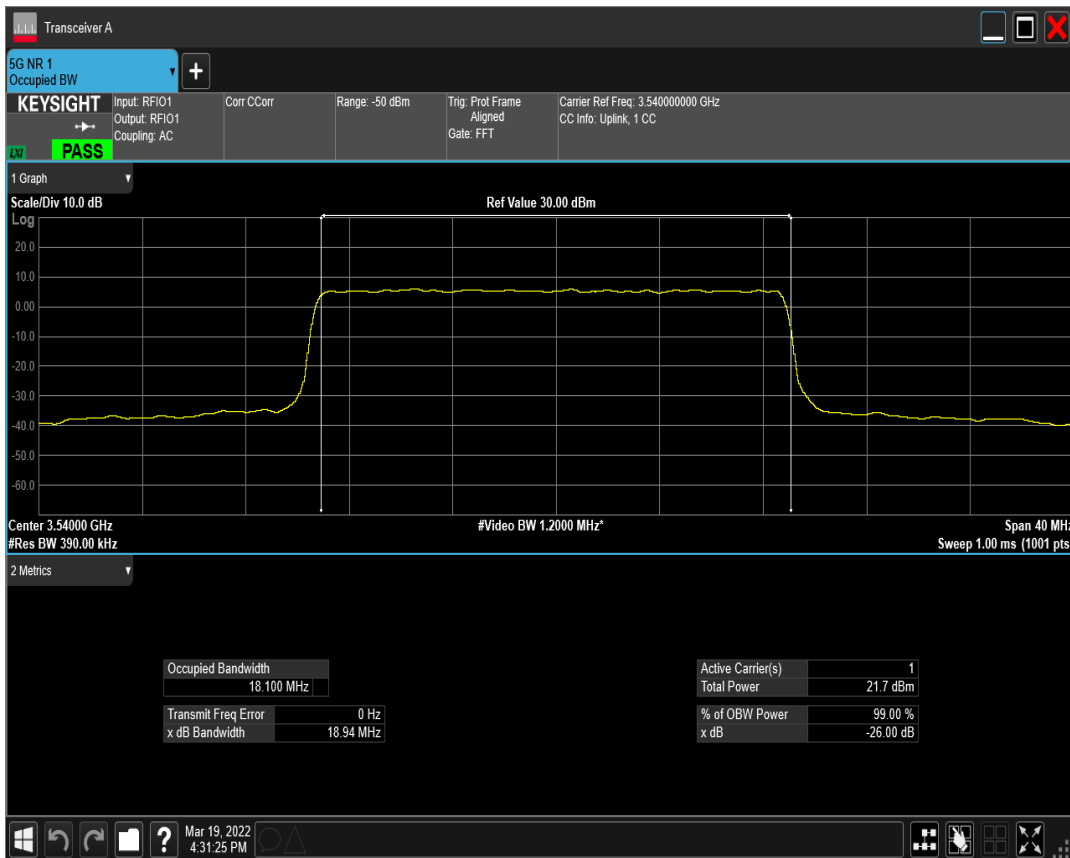
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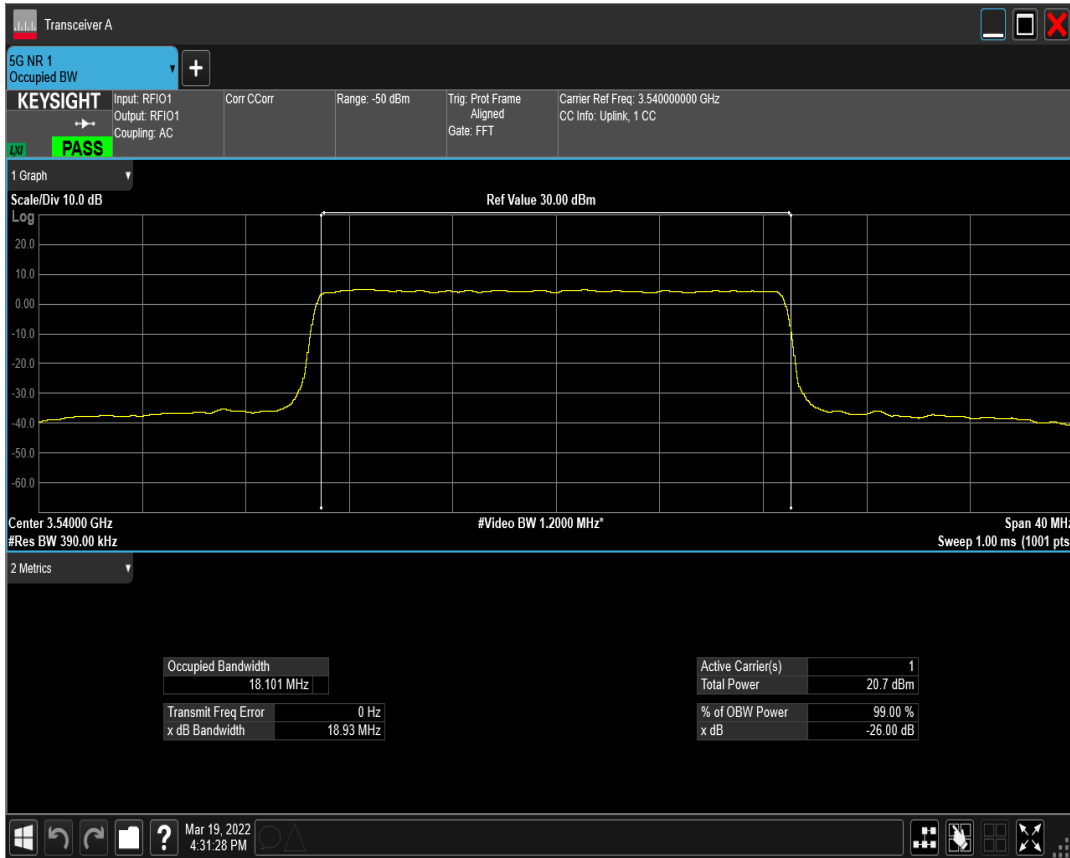
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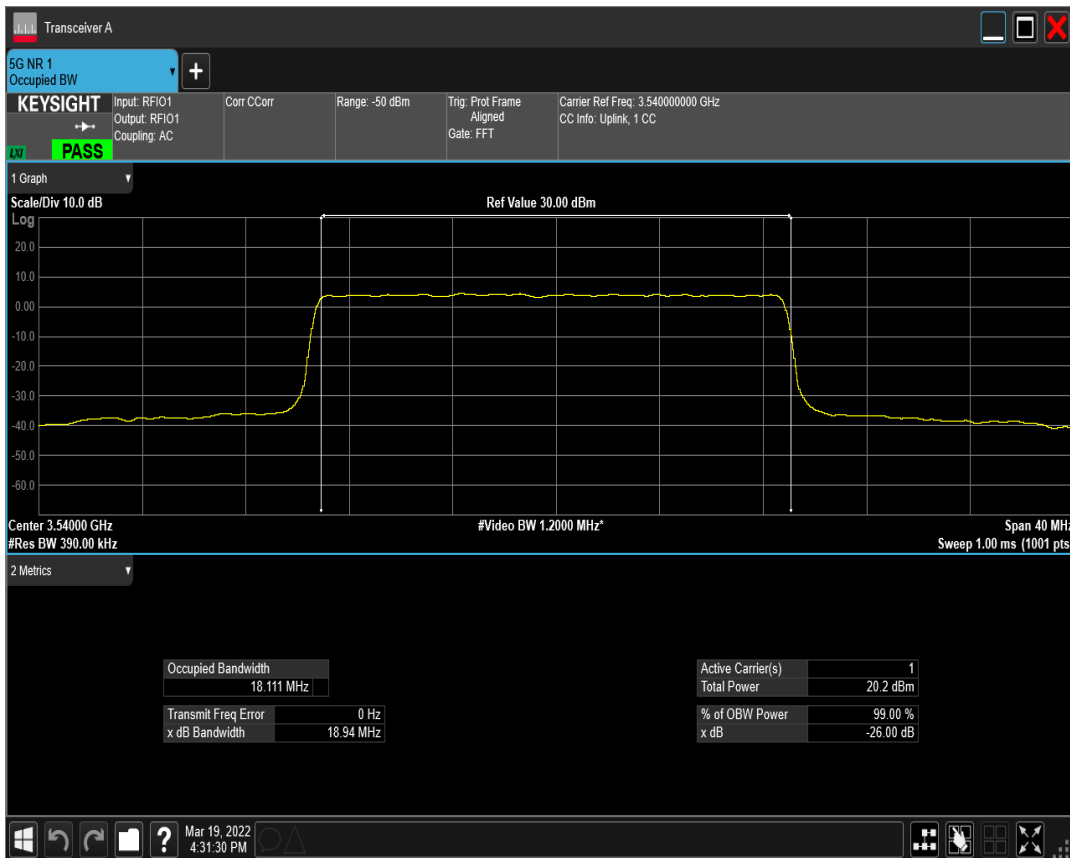
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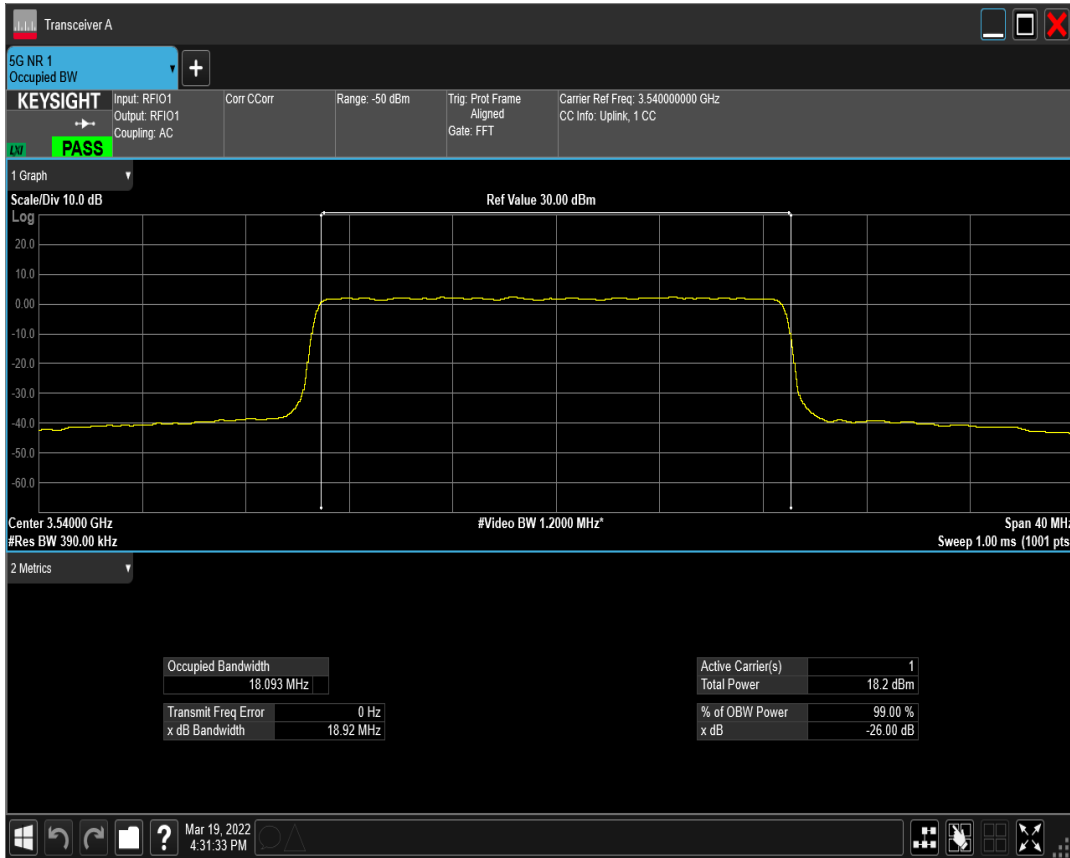
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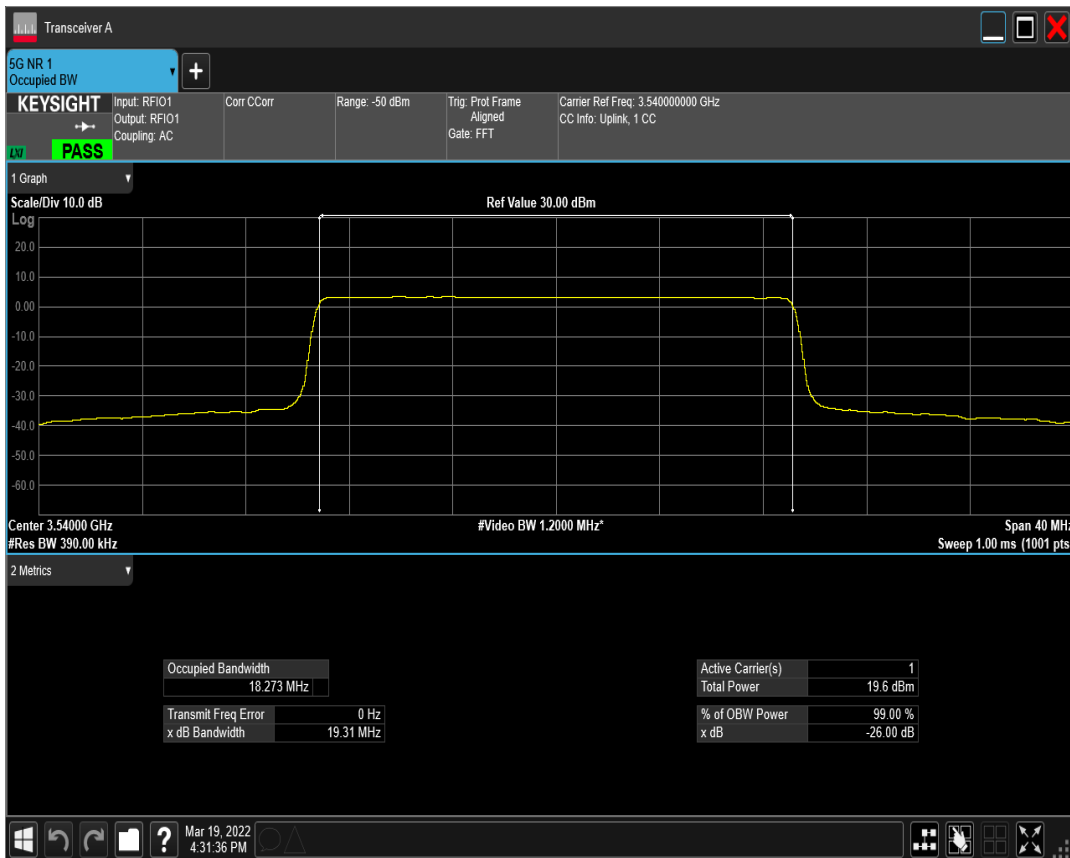
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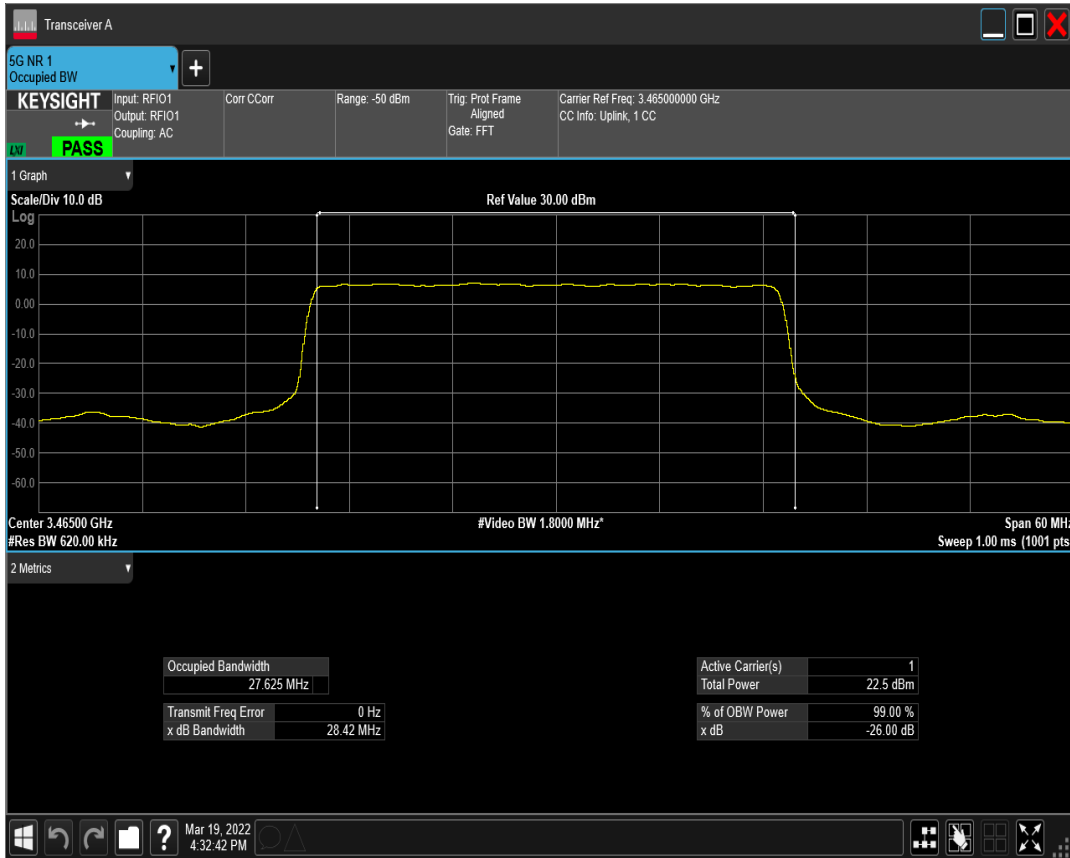
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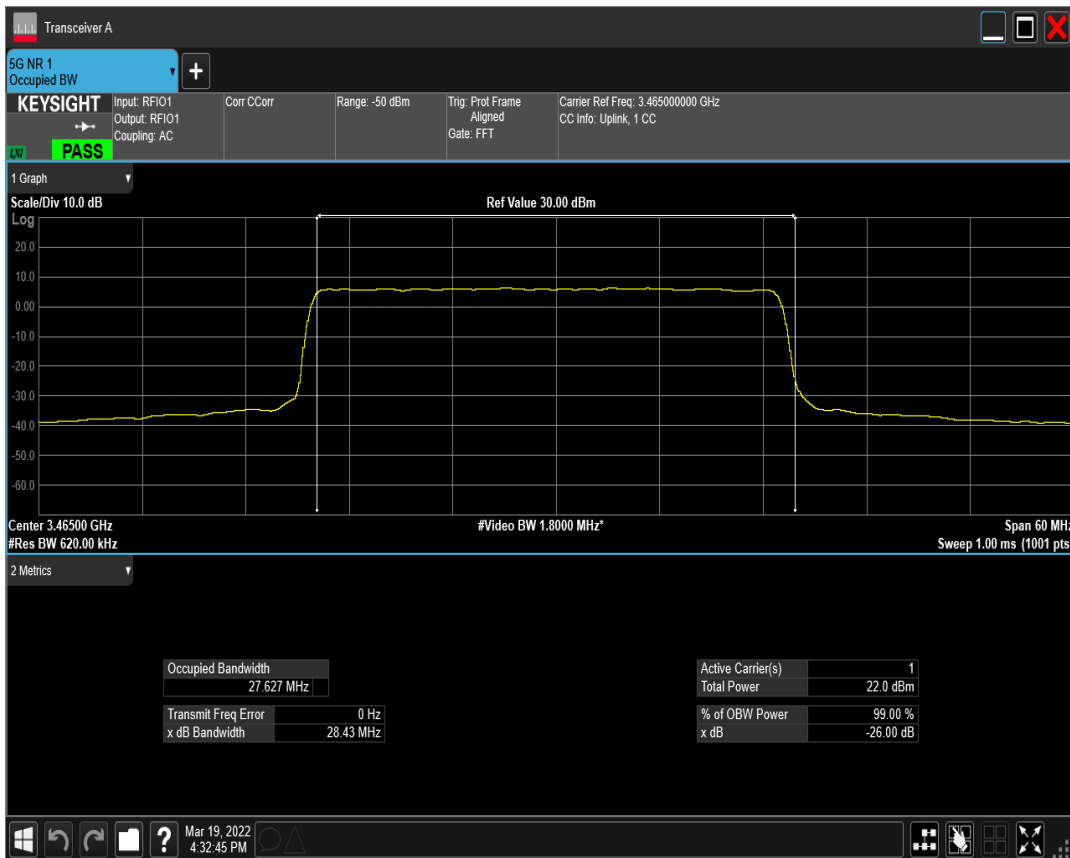
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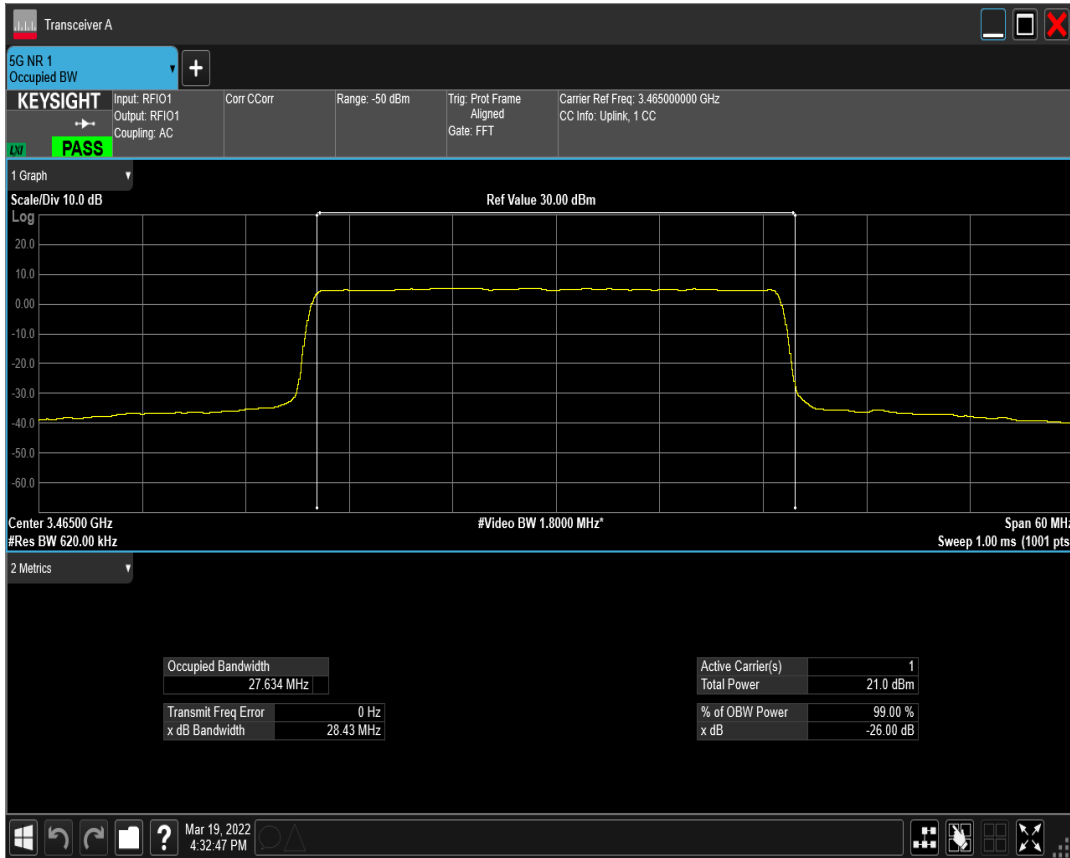
n77(3450-3550) SCS=30kHz DFT_BPSK BW=30MHz Channel=631000 RB=75 @0



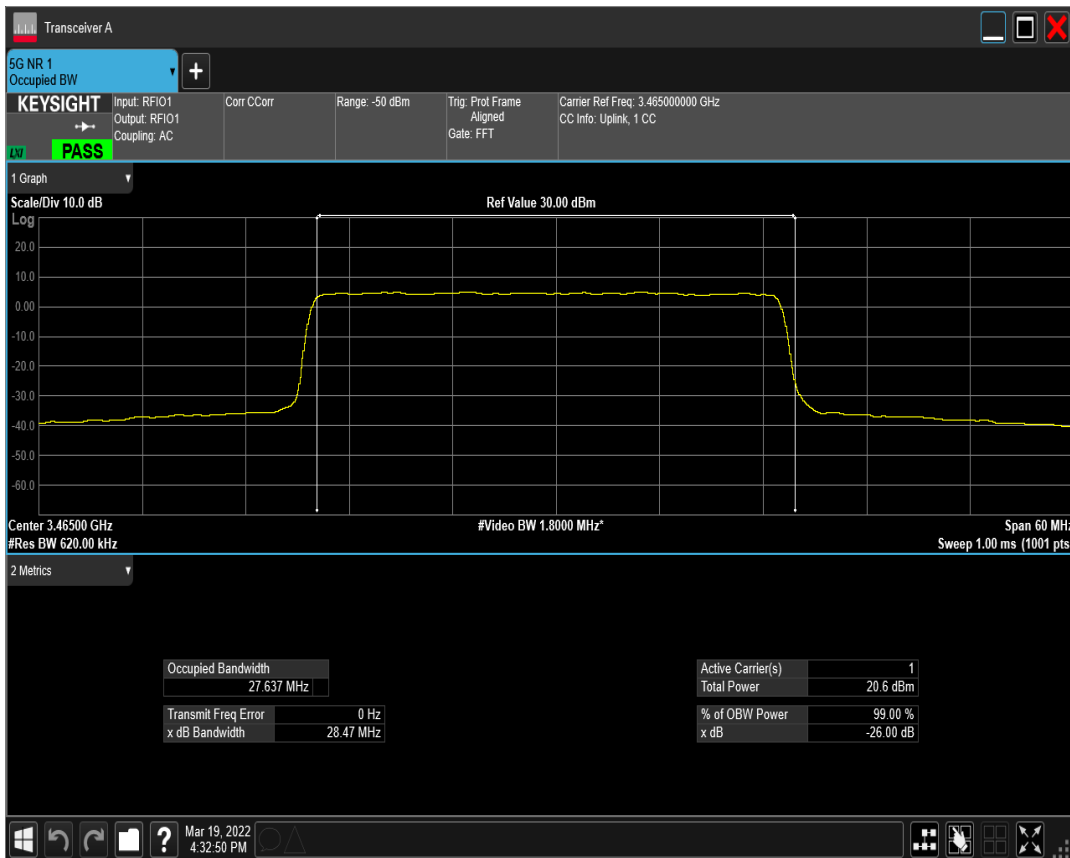
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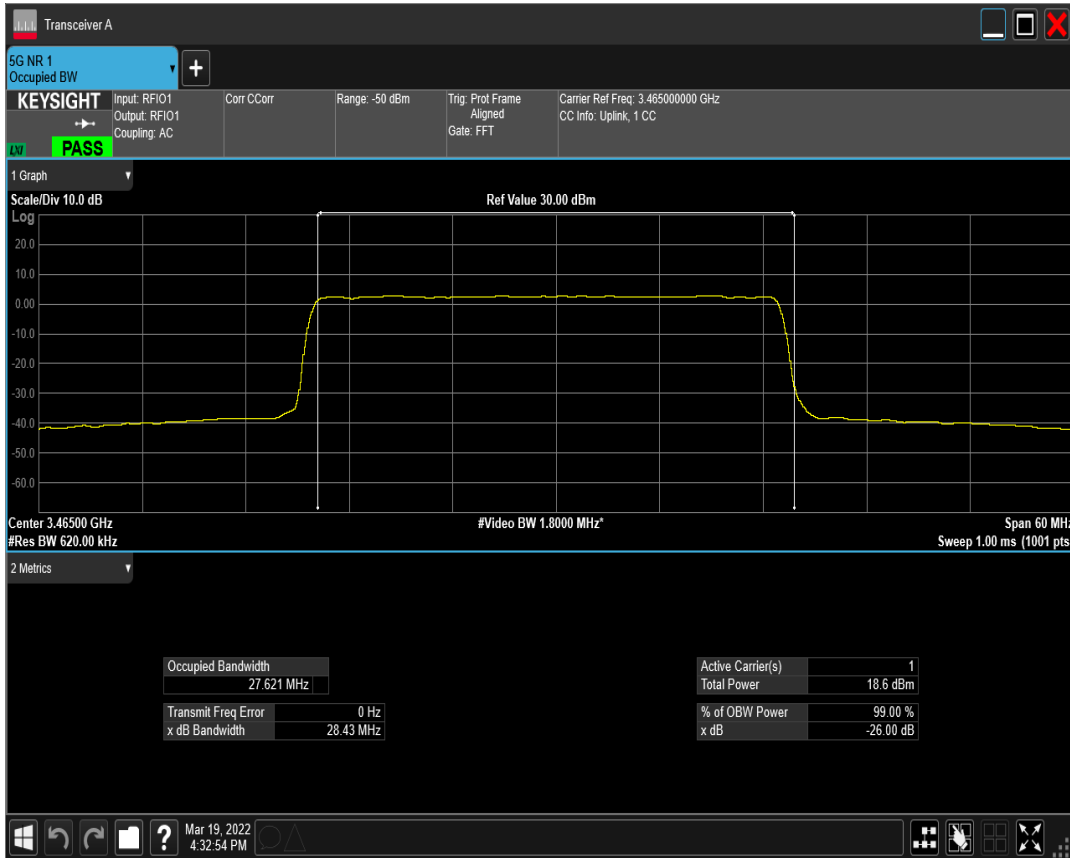
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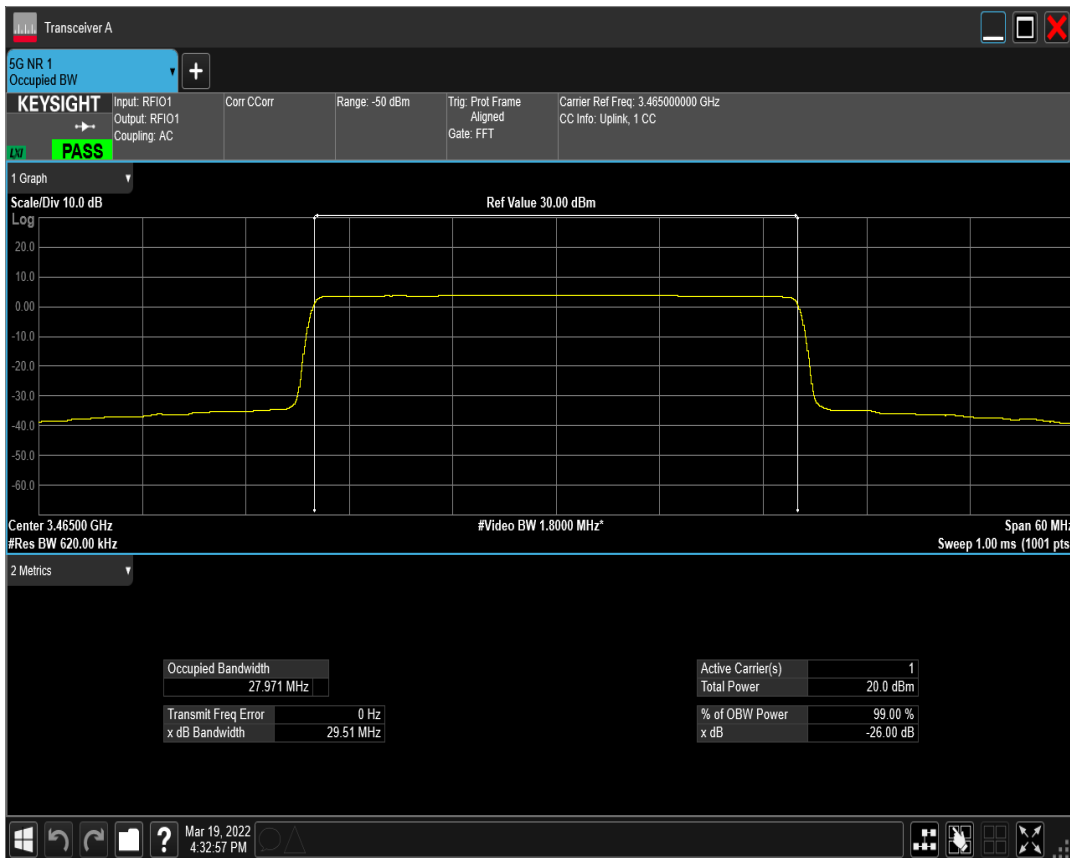
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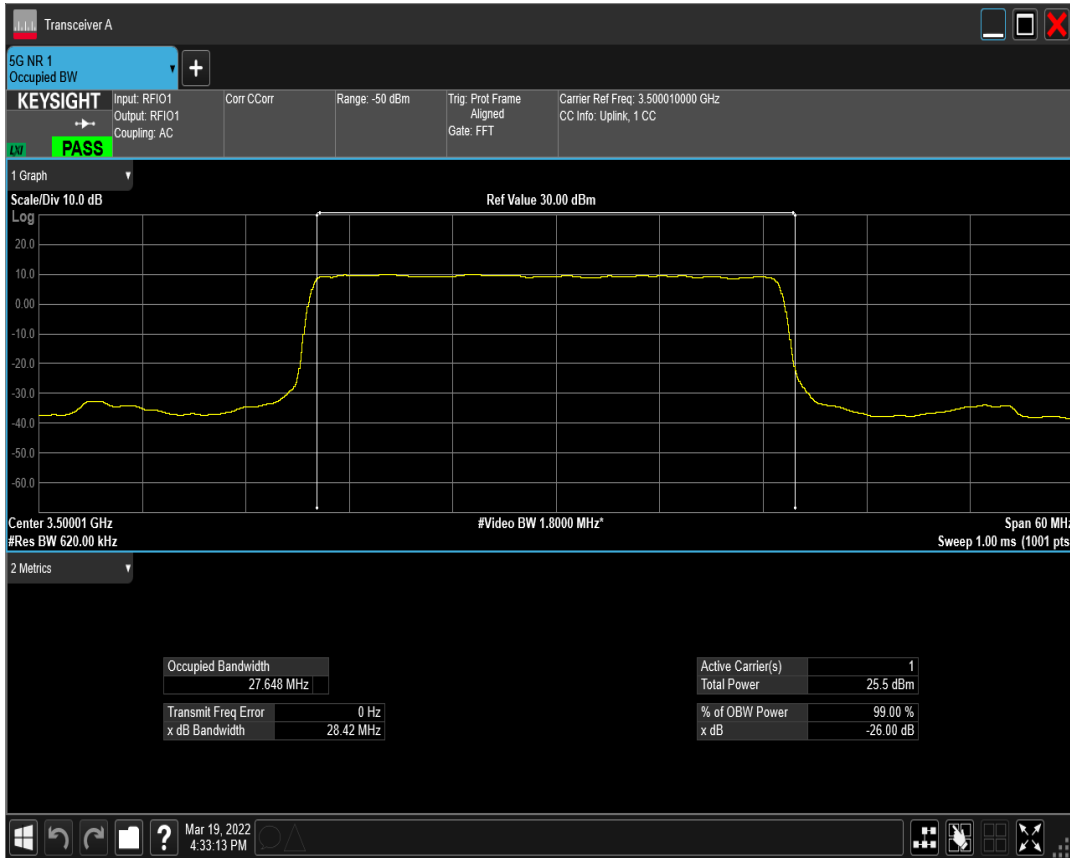
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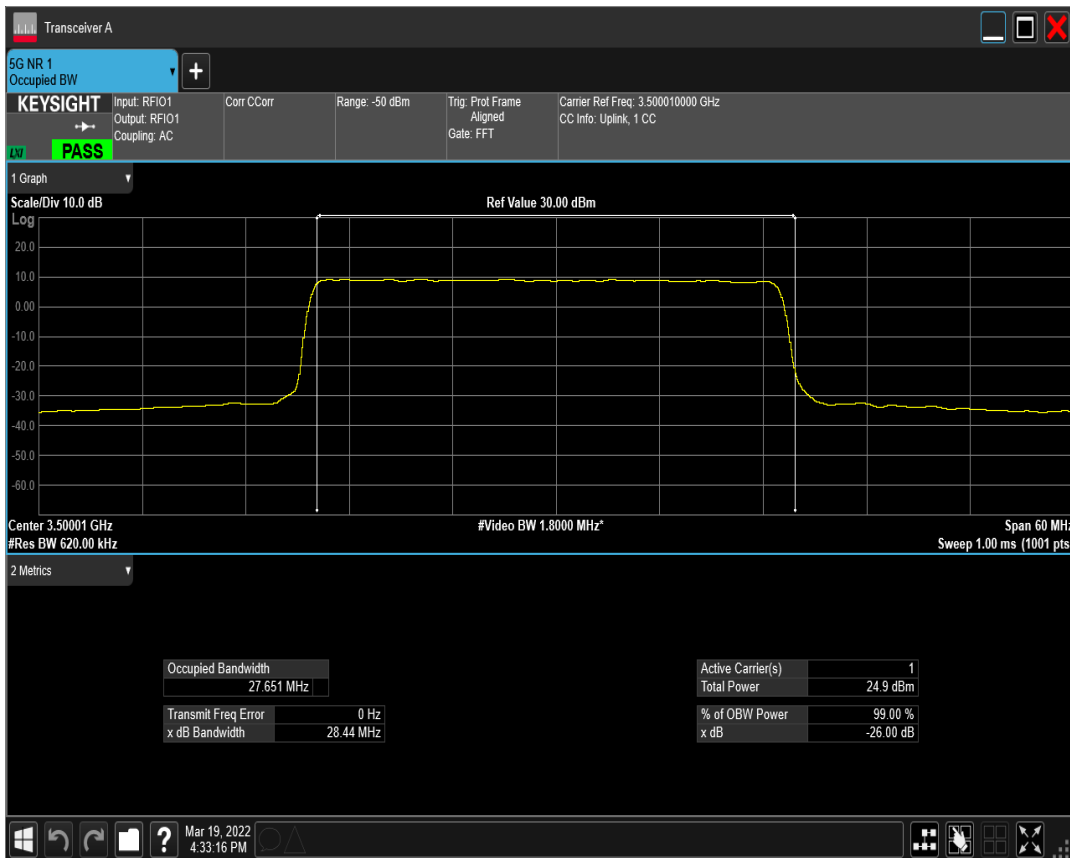
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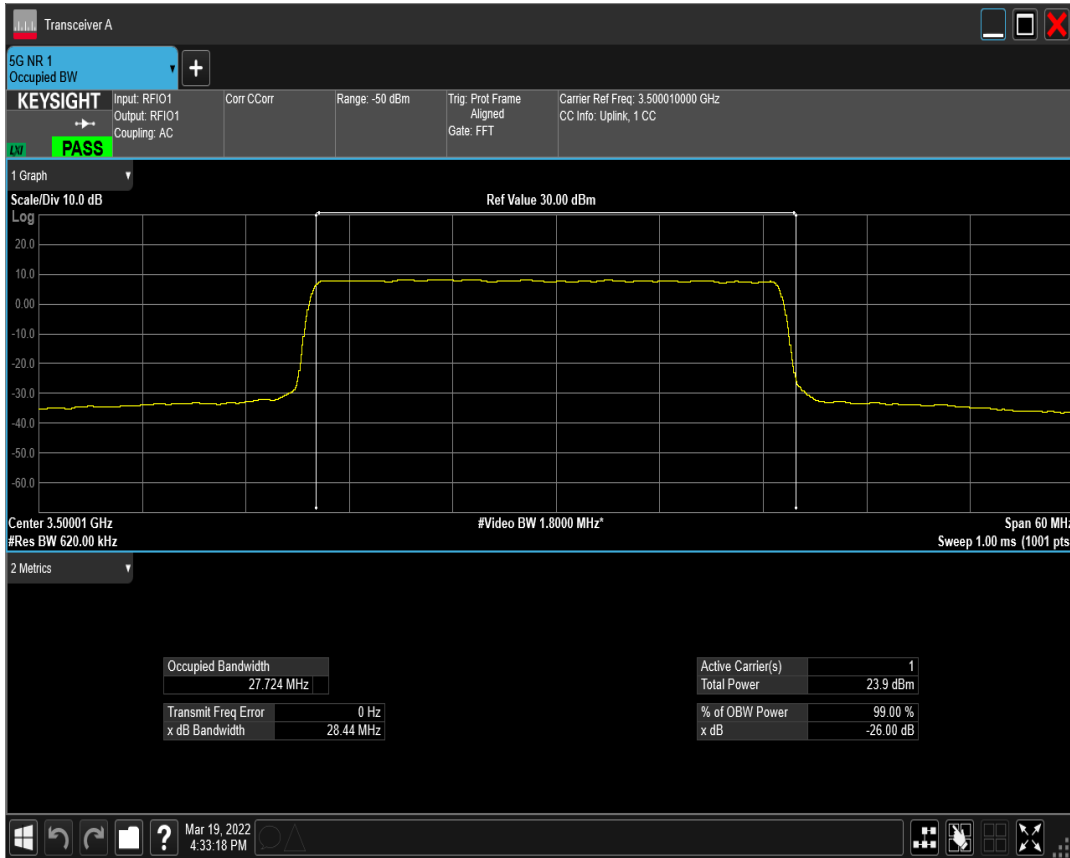
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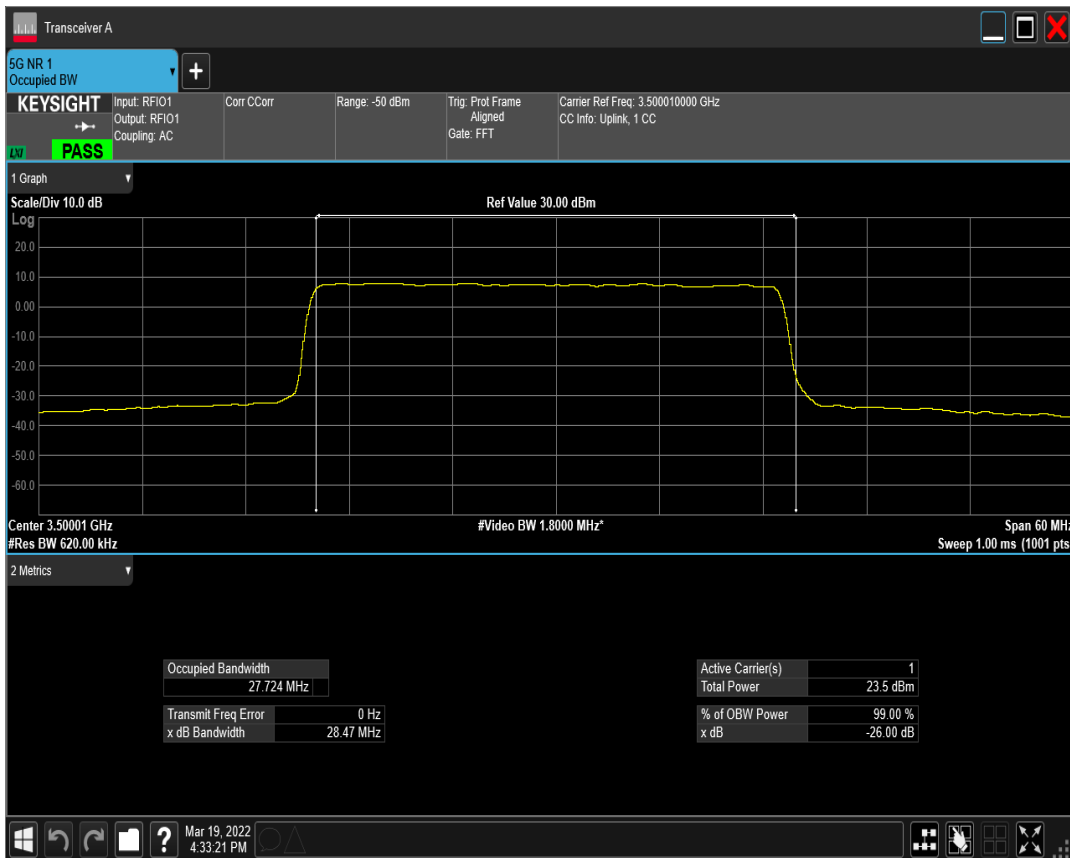
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n77(3450-3550) SCS=30kHz DFT_QAM16 BW=30MHz Channel=633334 RB=75@0



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