1 Conducted output power for NR FR1

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Conducted Power (dBm)	Gain (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
n78(3550-3700)	30	10	637000	12@6	DFT_BPSK	27.23	-3.56	23.67	33.01	PASS
n78(3550-3700)	30	10	637000	1@1	DFT_BPSK	27.23	-3.56	23.67	33.01	PASS
n78(3550-3700)	30	10	637000	1@22	DFT_BPSK	27.34	-3.56	23.78	33.01	PASS
n78(3550-3700)	30	10	637000	24@0	DFT_BPSK	26.83	-3.56	23.27	33.01	PASS
n78(3550-3700)	30	10	637000	12@6	DFT_QPSK	27.26	-3.56	23.7	33.01	PASS
n78(3550-3700)	30	10	637000	1@1	DFT_QPSK	27.18	-3.56	23.62	33.01	PASS
n78(3550-3700)	30	10	637000	1@22	DFT_QPSK	27.35	-3.56	23.79	33.01	PASS
n78(3550-3700)	30	10	637000	24@0	DFT_QPSK	26.3	-3.56	22.74	33.01	PASS
n78(3550-3700)	30	10	637000	12@6	DFT_QAM16	26.23	-3.56	22.67	33.01	PASS
n78(3550-3700)	30	10	637000	1@1	DFT_QAM16	26.38	-3.56	22.82	33.01	PASS
n78(3550-3700)	30	10	637000	1@22	DFT_QAM16	26.51	-3.56	22.95	33.01	PASS
n78(3550-3700)	30	10	637000	24@0	DFT_QAM16	25.58	-3.56	22.02	33.01	PASS
n78(3550-3700)	30	10	637000	12@6	DFT_QAM64	24.91	-3.56	21.35	33.01	PASS
n78(3550-3700)	30	10	637000	1@1	DFT_QAM64	24.76	-3.56	21.2	33.01	PASS
n78(3550-3700)	30	10	637000	1@22	DFT_QAM64	25.34	-3.56	21.78	33.01	PASS
n78(3550-3700)	30	10	637000	24@0	DFT_QAM64	24.99	-3.56	21.43	33.01	PASS
n78(3550-3700)	30	10	637000	12@6	DFT_QAM256	22.74	-3.56	19.18	33.01	PASS
n78(3550-3700)	30	10	637000	1@1	DFT_QAM256	22.91	-3.56	19.35	33.01	PASS
n78(3550-3700)	30	10	637000	1@22	DFT_QAM256	22.84	-3.56	19.28	33.01	PASS
n78(3550-3700)	30	10	637000	24@0	DFT_QAM256	22.91	-3.56	19.35	33.01	PASS
n78(3550-3700)	30	10	637000	12@6	CP_QPSK	25.82	-3.56	22.26	33.01	PASS
n78(3550-3700)	30	10	637000	1@1	CP_QPSK	25.72	-3.56	22.16	33.01	PASS
n78(3550-3700)	30	10	637000	1@22	CP_QPSK	25.8	-3.56	22.24	33.01	PASS
n78(3550-3700)	30	10	637000	24@0	CP_QPSK	24.34	-3.56	20.78	33.01	PASS
n78(3550-3700)	30	10	637000	12@6	CP_QAM16	25.38	-3.56	21.82	33.01	PASS
n78(3550-3700)	30	10	637000	1@1	CP_QAM16	25.18	-3.56	21.62	33.01	PASS
n78(3550-3700)	30	10	637000	1@22	CP_QAM16	25.77	-3.56	22.21	33.01	PASS
n78(3550-3700)	30	10	637000	24@0	CP_QAM16	24.42	-3.56	20.86	33.01	PASS
n78(3550-3700)	30	10	637000	12@6	CP_QAM64	23.87	-3.56	20.31	33.01	PASS
n78(3550-3700)	30	10	637000	1@1	CP_QAM64	24.65	-3.56	21.09	33.01	PASS
n78(3550-3700)	30	10	637000	1@22	CP_QAM64	24.58	-3.56	21.02	33.01	PASS
n78(3550-3700)	30	10	637000	24@0	CP_QAM64	24.12	-3.56	20.56	33.01	PASS
n78(3550-3700)	30	10	637000	12@6	CP_QAM256	20.89	-3.56	17.33	33.01	PASS
n78(3550-3700)	30	10	637000	1@1	CP_QAM256	21.06	-3.56	17.5	33.01	PASS
n78(3550-3700)	30	10	637000	1@22	CP_QAM256	21.26	-3.56	17.7	33.01	PASS
n78(3550-3700)	30	10	637000	24@0	CP_QAM256	20.91	-3.56	17.35	33.01	PASS
n78(3550-3700)	30	10	641666	12@6	DFT_BPSK	27.52	-3.56	23.96	33.01	PASS
n78(3550-3700)	30	10	641666	1@1	DFT_BPSK	27.46	-3.56	23.9	33.01	PASS

n78(3550-3700)	30	10	641666	1@22	DFT_BPSK	27.38	-3.56	23.82	33.01	PASS
n78(3550-3700)	30	10	641666	24@0	DFT_BPSK	27.08	-3.56	23.52	33.01	PASS
n78(3550-3700)	30	10	641666	12@6	DFT_QPSK	27.44	-3.56	23.88	33.01	PASS
n78(3550-3700)	30	10	641666	1@1	DFT_QPSK	27.39	-3.56	23.83	33.01	PASS
n78(3550-3700)	30	10	641666	1@22	DFT_QPSK	27.36	-3.56	23.8	33.01	PASS
n78(3550-3700)	30	10	641666	24@0	DFT_QPSK	26.41	-3.56	22.85	33.01	PASS
n78(3550-3700)	30	10	641666	12@6	DFT_QAM16	26.57	-3.56	23.01	33.01	PASS
n78(3550-3700)	30	10	641666	1@1	DFT_QAM16	26.78	-3.56	23.22	33.01	PASS
n78(3550-3700)	30	10	641666	1@22	DFT_QAM16	26.71	-3.56	23.15	33.01	PASS
n78(3550-3700)	30	10	641666	24@0	DFT_QAM16	25.57	-3.56	22.01	33.01	PASS
n78(3550-3700)	30	10	641666	12@6	DFT_QAM64	25.32	-3.56	21.76	33.01	PASS
n78(3550-3700)	30	10	641666	1@1	DFT_QAM64	24.88	-3.56	21.32	33.01	PASS
n78(3550-3700)	30	10	641666	1@22	DFT_QAM64	24.83	-3.56	21.27	33.01	PASS
n78(3550-3700)	30	10	641666	24@0	DFT_QAM64	25.04	-3.56	21.48	33.01	PASS
n78(3550-3700)	30	10	641666	12@6	DFT_QAM256	23.03	-3.56	19.47	33.01	PASS
n78(3550-3700)	30	10	641666	1@1	DFT_QAM256	23.14	-3.56	19.58	33.01	PASS
n78(3550-3700)	30	10	641666	1@22	DFT_QAM256	22.92	-3.56	19.36	33.01	PASS
n78(3550-3700)	30	10	641666	24@0	DFT_QAM256	22.99	-3.56	19.43	33.01	PASS
n78(3550-3700)	30	10	641666	12@6	CP_QPSK	25.91	-3.56	22.35	33.01	PASS
n78(3550-3700)	30	10	641666	1@1	CP_QPSK	25.98	-3.56	22.42	33.01	PASS
n78(3550-3700)	30	10	641666	1@22	CP_QPSK	25.87	-3.56	22.31	33.01	PASS
n78(3550-3700)	30	10	641666	24@0	CP_QPSK	24.51	-3.56	20.95	33.01	PASS
n78(3550-3700)	30	10	641666	12@6	CP_QAM16	25.44	-3.56	21.88	33.01	PASS
n78(3550-3700)	30	10	641666	1@1	CP_QAM16	25.61	-3.56	22.05	33.01	PASS
n78(3550-3700)	30	10	641666	1@22	CP_QAM16	25.86	-3.56	22.3	33.01	PASS
n78(3550-3700)	30	10	641666	24@0	CP_QAM16	24.43	-3.56	20.87	33.01	PASS
n78(3550-3700)	30	10	641666	12@6	CP_QAM64	24.04	-3.56	20.48	33.01	PASS
n78(3550-3700)	30	10	641666	1@1	CP_QAM64	24.65	-3.56	21.09	33.01	PASS
n78(3550-3700)	30	10	641666	1@22	CP_QAM64	24.74	-3.56	21.18	33.01	PASS
n78(3550-3700)	30	10	641666	24@0	CP_QAM64	24.07	-3.56	20.51	33.01	PASS
n78(3550-3700)	30	10	641666	12@6	CP_QAM256	21.24	-3.56	17.68	33.01	PASS
n78(3550-3700)	30	10	641666	1@1	CP_QAM256	21.38	-3.56	17.82	33.01	PASS
n78(3550-3700)	30	10	641666	1@22	CP_QAM256	21.19	-3.56	17.63	33.01	PASS
n78(3550-3700)	30	10	641666	24@0	CP_QAM256	21.25	-3.56	17.69	33.01	PASS
n78(3550-3700)	30	10	646332	12@6	DFT_BPSK	27.55	-3.56	23.99	33.01	PASS
n78(3550-3700)	30	10	646332	1@1	DFT_BPSK	27.46	-3.56	23.9	33.01	PASS
n78(3550-3700)	30	10	646332	1@22	DFT_BPSK	27.47	-3.56	23.91	33.01	PASS
n78(3550-3700)	30	10	646332	24@0	DFT_BPSK	27.01	-3.56	23.45	33.01	PASS
n78(3550-3700)	30	10	646332	12@6	DFT_QPSK	27.41	-3.56	23.85	33.01	PASS
n78(3550-3700)	30	10	646332	1@1	DFT_QPSK	27.4	-3.56	23.84	33.01	PASS
n78(3550-3700)	30	10	646332	1@22	DFT_QPSK	27.48	-3.56	23.92	33.01	PASS
n78(3550-3700)	30	10	646332	24@0	DFT_QPSK	26.5	-3.56	22.94	33.01	PASS
n78(3550-3700)	30	10	646332	12@6	DFT_QAM16	26.44	-3.56	22.88	33.01	PASS

n78(3550-3700)	30	10	646332	1@1	DFT_QAM16	26.69	-3.56	23.13	33.01	PASS
n78(3550-3700)	30	10	646332	1@22	DFT_QAM16	26.5	-3.56	22.94	33.01	PASS
n78(3550-3700)	30	10	646332	24@0	DFT_QAM16	25.56	-3.56	22	33.01	PASS
n78(3550-3700)	30	10	646332	12@6	DFT_QAM64	25.1	-3.56	21.54	33.01	PASS
n78(3550-3700)	30	10	646332	1@1	DFT_QAM64	24.8	-3.56	21.24	33.01	PASS
n78(3550-3700)	30	10	646332	1@22	DFT_QAM64	24.88	-3.56	21.32	33.01	PASS
n78(3550-3700)	30	10	646332	24@0	DFT_QAM64	25.05	-3.56	21.49	33.01	PASS
n78(3550-3700)	30	10	646332	12@6	DFT_QAM256	22.98	-3.56	19.42	33.01	PASS
n78(3550-3700)	30	10	646332	1@1	DFT_QAM256	22.88	-3.56	19.32	33.01	PASS
n78(3550-3700)	30	10	646332	1@22	DFT_QAM256	22.93	-3.56	19.37	33.01	PASS
n78(3550-3700)	30	10	646332	24@0	DFT_QAM256	23.05	-3.56	19.49	33.01	PASS
n78(3550-3700)	30	10	646332	12@6	CP_QPSK	25.83	-3.56	22.27	33.01	PASS
n78(3550-3700)	30	10	646332	1@1	CP_QPSK	25.81	-3.56	22.25	33.01	PASS
n78(3550-3700)	30	10	646332	1@22	CP_QPSK	25.97	-3.56	22.41	33.01	PASS
n78(3550-3700)	30	10	646332	24@0	CP_QPSK	24.36	-3.56	20.8	33.01	PASS
n78(3550-3700)	30	10	646332	12@6	CP_QAM16	25.38	-3.56	21.82	33.01	PASS
n78(3550-3700)	30	10	646332	1@1	CP_QAM16	25.57	-3.56	22.01	33.01	PASS
n78(3550-3700)	30	10	646332	1@22	CP_QAM16	25.62	-3.56	22.06	33.01	PASS
n78(3550-3700)	30	10	646332	24@0	CP_QAM16	24.56	-3.56	21	33.01	PASS
n78(3550-3700)	30	10	646332	12@6	CP_QAM64	24.08	-3.56	20.52	33.01	PASS
n78(3550-3700)	30	10	646332	1@1	CP_QAM64	24.55	-3.56	20.99	33.01	PASS
n78(3550-3700)	30	10	646332	1@22	CP_QAM64	24.75	-3.56	21.19	33.01	PASS
n78(3550-3700)	30	10	646332	24@0	CP_QAM64	24.11	-3.56	20.55	33.01	PASS
n78(3550-3700)	30	10	646332	12@6	CP_QAM256	20.99	-3.56	17.43	33.01	PASS
n78(3550-3700)	30	10	646332	1@1	CP_QAM256	21.05	-3.56	17.49	33.01	PASS
n78(3550-3700)	30	10	646332	1@22	CP_QAM256	21.09	-3.56	17.53	33.01	PASS
n78(3550-3700)	30	10	646332	24@0	CP_QAM256	21.01	-3.56	17.45	33.01	PASS
n78(3550-3700)	30	15	637168	18@9	DFT_BPSK	27.3	-3.56	23.74	33.01	PASS
n78(3550-3700)	30	15	637168	1@1	DFT_BPSK	27.24	-3.56	23.68	33.01	PASS
n78(3550-3700)	30	15	637168	1@36	DFT_BPSK	27.33	-3.56	23.77	33.01	PASS
n78(3550-3700)	30	15	637168	36@0	DFT_BPSK	26.83	-3.56	23.27	33.01	PASS
n78(3550-3700)	30	15	637168	18@9	DFT_QPSK	27.32	-3.56	23.76	33.01	PASS
n78(3550-3700)	30	15	637168	1@1	DFT_QPSK	27.14	-3.56	23.58	33.01	PASS
n78(3550-3700)	30	15	637168	1@36	DFT_QPSK	27.33	-3.56	23.77	33.01	PASS
n78(3550-3700)	30	15	637168	36@0	DFT_QPSK	26.38	-3.56	22.82	33.01	PASS
n78(3550-3700)	30	15	637168	18@9	DFT_QAM16	26.42	-3.56	22.86	33.01	PASS
n78(3550-3700)	30	15	637168	1@1	DFT_QAM16	26.44	-3.56	22.88	33.01	PASS
n78(3550-3700)	30	15	637168	1@36	DFT_QAM16	26.46	-3.56	22.9	33.01	PASS
n78(3550-3700)	30	15	637168	36@0	DFT_QAM16	25.41	-3.56	21.85	33.01	PASS
n78(3550-3700)	30	15	637168	18@9	DFT_QAM64	25.08	-3.56	21.52	33.01	PASS
n78(3550-3700)	30	15	637168	1@1	DFT_QAM64	24.58	-3.56	21.02	33.01	PASS
n78(3550-3700)	30	15	637168	1@36	DFT_QAM64	24.8	-3.56	21.24	33.01	PASS
n78(3550-3700)	30	15	637168	36@0	DFT_QAM64	25.06	-3.56	21.5	33.01	PASS

n78(3550-3700)	30	15	637168	18@9	DFT_QAM256	22.88	-3.56	19.32	33.01	PASS
n78(3550-3700)	30	15	637168	1@1	DFT_QAM256	22.79	-3.56	19.23	33.01	PASS
n78(3550-3700)	30	15	637168	1@36	DFT_QAM256	23.08	-3.56	19.52	33.01	PASS
n78(3550-3700)	30	15	637168	36@0	DFT_QAM256	22.95	-3.56	19.39	33.01	PASS
n78(3550-3700)	30	15	637168	19@9	CP_QPSK	25.93	-3.56	22.37	33.01	PASS
n78(3550-3700)	30	15	637168	1@1	CP_QPSK	25.79	-3.56	22.23	33.01	PASS
n78(3550-3700)	30	15	637168	1@36	CP_QPSK	25.93	-3.56	22.37	33.01	PASS
n78(3550-3700)	30	15	637168	38@0	CP_QPSK	24.54	-3.56	20.98	33.01	PASS
n78(3550-3700)	30	15	637168	19@9	CP_QAM16	25.25	-3.56	21.69	33.01	PASS
n78(3550-3700)	30	15	637168	1@1	CP_QAM16	25.32	-3.56	21.76	33.01	PASS
n78(3550-3700)	30	15	637168	1@36	CP_QAM16	25.93	-3.56	22.37	33.01	PASS
n78(3550-3700)	30	15	637168	38@0	CP_QAM16	24.47	-3.56	20.91	33.01	PASS
n78(3550-3700)	30	15	637168	19@9	CP_QAM64	24.15	-3.56	20.59	33.01	PASS
n78(3550-3700)	30	15	637168	1@1	CP_QAM64	24.26	-3.56	20.7	33.01	PASS
n78(3550-3700)	30	15	637168	1@36	CP_QAM64	24.83	-3.56	21.27	33.01	PASS
n78(3550-3700)	30	15	637168	38@0	CP_QAM64	24.08	-3.56	20.52	33.01	PASS
n78(3550-3700)	30	15	637168	19@9	CP_QAM256	21.09	-3.56	17.53	33.01	PASS
n78(3550-3700)	30	15	637168	1@1	CP_QAM256	20.91	-3.56	17.35	33.01	PASS
n78(3550-3700)	30	15	637168	1@36	CP_QAM256	21.13	-3.56	17.57	33.01	PASS
n78(3550-3700)	30	15	637168	38@0	CP_QAM256	21.07	-3.56	17.51	33.01	PASS
n78(3550-3700)	30	15	641666	18@9	DFT_BPSK	27.46	-3.56	23.9	33.01	PASS
n78(3550-3700)	30	15	641666	1@1	DFT_BPSK	27.52	-3.56	23.96	33.01	PASS
n78(3550-3700)	30	15	641666	1@36	DFT_BPSK	27.47	-3.56	23.91	33.01	PASS
n78(3550-3700)	30	15	641666	36@0	DFT_BPSK	27.03	-3.56	23.47	33.01	PASS
n78(3550-3700)	30	15	641666	18@9	DFT_QPSK	27.48	-3.56	23.92	33.01	PASS
n78(3550-3700)	30	15	641666	1@1	DFT_QPSK	27.42	-3.56	23.86	33.01	PASS
n78(3550-3700)	30	15	641666	1@36	DFT_QPSK	27.38	-3.56	23.82	33.01	PASS
n78(3550-3700)	30	15	641666	36@0	DFT_QPSK	26.53	-3.56	22.97	33.01	PASS
n78(3550-3700)	30	15	641666	18@9	DFT_QAM16	26.64	-3.56	23.08	33.01	PASS
n78(3550-3700)	30	15	641666	1@1	DFT_QAM16	26.47	-3.56	22.91	33.01	PASS
n78(3550-3700)	30	15	641666	1@36	DFT_QAM16	26.4	-3.56	22.84	33.01	PASS
n78(3550-3700)	30	15	641666	36@0	DFT_QAM16	25.52	-3.56	21.96	33.01	PASS
n78(3550-3700)	30	15	641666	18@9	DFT_QAM64	25.24	-3.56	21.68	33.01	PASS
n78(3550-3700)	30	15	641666	1@1	DFT_QAM64	25.24	-3.56	21.68	33.01	PASS
n78(3550-3700)	30	15	641666	1@36	DFT_QAM64	25.19	-3.56	21.63	33.01	PASS
n78(3550-3700)	30	15	641666	36@0	DFT_QAM64	25.1	-3.56	21.54	33.01	PASS
n78(3550-3700)	30	15	641666	18@9	DFT_QAM256	23.05	-3.56	19.49	33.01	PASS
n78(3550-3700)	30	15	641666	1@1	DFT_QAM256	23.01	-3.56	19.45	33.01	PASS
n78(3550-3700)	30	15	641666	1@36	DFT_QAM256	23.15	-3.56	19.59	33.01	PASS
n78(3550-3700)	30	15	641666	36@0	DFT_QAM256	23.13	-3.56	19.57	33.01	PASS
n78(3550-3700)	30	15	641666	19@9	CP_QPSK	25.98	-3.56	22.42	33.01	PASS
n78(3550-3700)	30	15	641666	1@1	CP_QPSK	26.05	-3.56	22.49	33.01	PASS
n78(3550-3700)	30	15	641666	1@36	CP_QPSK	25.91	-3.56	22.35	33.01	PASS

n78(3550-3700)	30	15	641666	38@0	CP_QPSK	24.68	-3.56	21.12	33.01	PASS
n78(3550-3700)	30	15	641666	19@9	CP_QAM16	25.58	-3.56	22.02	33.01	PASS
n78(3550-3700)	30	15	641666	1@1	CP_QAM16	26.05	-3.56	22.49	33.01	PASS
n78(3550-3700)	30	15	641666	1@36	CP_QAM16	25.67	-3.56	22.11	33.01	PASS
n78(3550-3700)	30	15	641666	38@0	CP_QAM16	24.65	-3.56	21.09	33.01	PASS
n78(3550-3700)	30	15	641666	19@9	CP_QAM64	24.27	-3.56	20.71	33.01	PASS
n78(3550-3700)	30	15	641666	1@1	CP_QAM64	24.95	-3.56	21.39	33.01	PASS
n78(3550-3700)	30	15	641666	1@36	CP_QAM64	24.08	-3.56	20.52	33.01	PASS
n78(3550-3700)	30	15	641666	38@0	CP_QAM64	24.13	-3.56	20.57	33.01	PASS
n78(3550-3700)	30	15	641666	19@9	CP_QAM256	21.22	-3.56	17.66	33.01	PASS
n78(3550-3700)	30	15	641666	1@1	CP_QAM256	21	-3.56	17.44	33.01	PASS
n78(3550-3700)	30	15	641666	1@36	CP_QAM256	20.92	-3.56	17.36	33.01	PASS
n78(3550-3700)	30	15	641666	38@0	CP_QAM256	21.23	-3.56	17.67	33.01	PASS
n78(3550-3700)	30	15	646166	18@9	DFT_BPSK	27.44	-3.56	23.88	33.01	PASS
n78(3550-3700)	30	15	646166	1@1	DFT_BPSK	27.42	-3.56	23.86	33.01	PASS
n78(3550-3700)	30	15	646166	1@36	DFT_BPSK	27.51	-3.56	23.95	33.01	PASS
n78(3550-3700)	30	15	646166	36@0	DFT_BPSK	27.02	-3.56	23.46	33.01	PASS
n78(3550-3700)	30	15	646166	18@9	DFT_QPSK	27.43	-3.56	23.87	33.01	PASS
n78(3550-3700)	30	15	646166	1@1	DFT_QPSK	27.36	-3.56	23.8	33.01	PASS
n78(3550-3700)	30	15	646166	1@36	DFT_QPSK	27.5	-3.56	23.94	33.01	PASS
n78(3550-3700)	30	15	646166	36@0	DFT_QPSK	26.48	-3.56	22.92	33.01	PASS
n78(3550-3700)	30	15	646166	18@9	DFT_QAM16	26.59	-3.56	23.03	33.01	PASS
n78(3550-3700)	30	15	646166	1@1	DFT_QAM16	26.45	-3.56	22.89	33.01	PASS
n78(3550-3700)	30	15	646166	1@36	DFT_QAM16	26.44	-3.56	22.88	33.01	PASS
n78(3550-3700)	30	15	646166	36@0	DFT_QAM16	25.55	-3.56	21.99	33.01	PASS
n78(3550-3700)	30	15	646166	18@9	DFT_QAM64	25.21	-3.56	21.65	33.01	PASS
n78(3550-3700)	30	15	646166	1@1	DFT_QAM64	24.75	-3.56	21.19	33.01	PASS
n78(3550-3700)	30	15	646166	1@36	DFT_QAM64	24.86	-3.56	21.3	33.01	PASS
n78(3550-3700)	30	15	646166	36@0	DFT_QAM64	25.08	-3.56	21.52	33.01	PASS
n78(3550-3700)	30	15	646166	18@9	DFT_QAM256	23.08	-3.56	19.52	33.01	PASS
n78(3550-3700)	30	15	646166	1@1	DFT_QAM256	22.9	-3.56	19.34	33.01	PASS
n78(3550-3700)	30	15	646166	1@36	DFT_QAM256	23.01	-3.56	19.45	33.01	PASS
n78(3550-3700)	30	15	646166	36@0	DFT_QAM256	22.94	-3.56	19.38	33.01	PASS
n78(3550-3700)	30	15	646166	19@9	CP_QPSK	26.11	-3.56	22.55	33.01	PASS
n78(3550-3700)	30	15	646166	1@1	CP_QPSK	25.98	-3.56	22.42	33.01	PASS
n78(3550-3700)	30	15	646166	1@36	CP_QPSK	26.09	-3.56	22.53	33.01	PASS
n78(3550-3700)	30	15	646166	38@0	CP_QPSK	24.56	-3.56	21	33.01	PASS
n78(3550-3700)	30	15	646166	19@9	CP_QAM16	25.53	-3.56	21.97	33.01	PASS
n78(3550-3700)	30	15	646166	1@1	CP_QAM16	25.63	-3.56	22.07	33.01	PASS
n78(3550-3700)	30	15	646166	1@36	CP_QAM16	26.03	-3.56	22.47	33.01	PASS
n78(3550-3700)	30	15	646166	38@0	CP_QAM16	24.66	-3.56	21.1	33.01	PASS
n78(3550-3700)	30	15	646166	19@9	CP_QAM64	24.34	-3.56	20.78	33.01	PASS
n78(3550-3700)	30	15	646166	1@1	CP_QAM64	24.76	-3.56	21.2	33.01	PASS

n78(3550-3700)	30	15	646166	1@36	CP_QAM64	24.12	-3.56	20.56	33.01	PASS
n78(3550-3700)	30	15	646166	38@0	CP_QAM64	24.19	-3.56	20.63	33.01	PASS
n78(3550-3700)	30	15	646166	19@9	CP_QAM256	21.14	-3.56	17.58	33.01	PASS
n78(3550-3700)	30	15	646166	1@1	CP_QAM256	20.72	-3.56	17.16	33.01	PASS
n78(3550-3700)	30	15	646166	1@36	CP_QAM256	21.11	-3.56	17.55	33.01	PASS
n78(3550-3700)	30	15	646166	38@0	CP_QAM256	21.08	-3.56	17.52	33.01	PASS
n78(3550-3700)	30	20	637334	25@12	DFT_BPSK	27.43	-3.56	23.87	33.01	PASS
n78(3550-3700)	30	20	637334	1@1	DFT_BPSK	27.22	-3.56	23.66	33.01	PASS
n78(3550-3700)	30	20	637334	1@49	DFT_BPSK	27.35	-3.56	23.79	33.01	PASS
n78(3550-3700)	30	20	637334	50@0	DFT_BPSK	26.9	-3.56	23.34	33.01	PASS
n78(3550-3700)	30	20	637334	25@12	DFT_QPSK	27.41	-3.56	23.85	33.01	PASS
n78(3550-3700)	30	20	637334	1@1	DFT_QPSK	27.24	-3.56	23.68	33.01	PASS
n78(3550-3700)	30	20	637334	1@49	DFT_QPSK	27.36	-3.56	23.8	33.01	PASS
n78(3550-3700)	30	20	637334	50@0	DFT_QPSK	26.41	-3.56	22.85	33.01	PASS
n78(3550-3700)	30	20	637334	25@12	DFT_QAM16	26.51	-3.56	22.95	33.01	PASS
n78(3550-3700)	30	20	637334	1@1	DFT_QAM16	26.24	-3.56	22.68	33.01	PASS
n78(3550-3700)	30	20	637334	1@49	DFT_QAM16	26.4	-3.56	22.84	33.01	PASS
n78(3550-3700)	30	20	637334	50@0	DFT_QAM16	25.45	-3.56	21.89	33.01	PASS
n78(3550-3700)	30	20	637334	25@12	DFT_QAM64	25.04	-3.56	21.48	33.01	PASS
n78(3550-3700)	30	20	637334	1@1	DFT_QAM64	24.64	-3.56	21.08	33.01	PASS
n78(3550-3700)	30	20	637334	1@49	DFT_QAM64	24.81	-3.56	21.25	33.01	PASS
n78(3550-3700)	30	20	637334	50@0	DFT_QAM64	25.06	-3.56	21.5	33.01	PASS
n78(3550-3700)	30	20	637334	25@12	DFT_QAM256	23.05	-3.56	19.49	33.01	PASS
n78(3550-3700)	30	20	637334	1@1	DFT_QAM256	22.93	-3.56	19.37	33.01	PASS
n78(3550-3700)	30	20	637334	1@49	DFT_QAM256	23.06	-3.56	19.5	33.01	PASS
n78(3550-3700)	30	20	637334	50@0	DFT_QAM256	22.97	-3.56	19.41	33.01	PASS
n78(3550-3700)	30	20	637334	25@12	CP_QPSK	25.94	-3.56	22.38	33.01	PASS
n78(3550-3700)	30	20	637334	1@1	CP_QPSK	25.87	-3.56	22.31	33.01	PASS
n78(3550-3700)	30	20	637334	1@49	CP_QPSK	25.84	-3.56	22.28	33.01	PASS
n78(3550-3700)	30	20	637334	51@0	CP_QPSK	24.45	-3.56	20.89	33.01	PASS
n78(3550-3700)	30	20	637334	25@12	CP_QAM16	25.55	-3.56	21.99	33.01	PASS
n78(3550-3700)	30	20	637334	1@1	CP_QAM16	25.5	-3.56	21.94	33.01	PASS
n78(3550-3700)	30	20	637334	1@49	CP_QAM16	25.92	-3.56	22.36	33.01	PASS
n78(3550-3700)	30	20	637334	51@0	CP_QAM16	24.46	-3.56	20.9	33.01	PASS
n78(3550-3700)	30	20	637334	25@12	CP_QAM64	24.16	-3.56	20.6	33.01	PASS
n78(3550-3700)	30	20	637334	1@1	CP_QAM64	24.71	-3.56	21.15	33.01	PASS
n78(3550-3700)	30	20	637334	1@49	CP_QAM64	24.06	-3.56	20.5	33.01	PASS
n78(3550-3700)	30	20	637334	51@0	CP_QAM64	23.99	-3.56	20.43	33.01	PASS
n78(3550-3700)	30	20	637334	25@12	CP_QAM256	21.18	-3.56	17.62	33.01	PASS
n78(3550-3700)	30	20	637334	1@1	CP_QAM256	20.96	-3.56	17.4	33.01	PASS
n78(3550-3700)	30	20	637334	1@49	CP_QAM256	20.8	-3.56	17.24	33.01	PASS
n78(3550-3700)	30	20	637334	51@0	CP_QAM256	21.01	-3.56	17.45	33.01	PASS
n78(3550-3700)	30	20	641666	25@12	DFT_BPSK	27.53	-3.56	23.97	33.01	PASS

n78(3550-3700)	30	20	641666	1@1	DFT_BPSK	27.46	-3.56	23.9	33.01	PASS
n78(3550-3700)	30	20	641666	1@49	DFT_BPSK	27.38	-3.56	23.82	33.01	PASS
n78(3550-3700)	30	20	641666	50@0	DFT_BPSK	27.13	-3.56	23.57	33.01	PASS
n78(3550-3700)	30	20	641666	25@12	DFT_QPSK	27.56	-3.56	24	33.01	PASS
n78(3550-3700)	30	20	641666	1@1	DFT_QPSK	27.4	-3.56	23.84	33.01	PASS
n78(3550-3700)	30	20	641666	1@49	DFT_QPSK	27.25	-3.56	23.69	33.01	PASS
n78(3550-3700)	30	20	641666	50@0	DFT_QPSK	26.53	-3.56	22.97	33.01	PASS
n78(3550-3700)	30	20	641666	25@12	DFT_QAM16	26.63	-3.56	23.07	33.01	PASS
n78(3550-3700)	30	20	641666	1@1	DFT_QAM16	26.54	-3.56	22.98	33.01	PASS
n78(3550-3700)	30	20	641666	1@49	DFT_QAM16	26.47	-3.56	22.91	33.01	PASS
n78(3550-3700)	30	20	641666	50@0	DFT_QAM16	25.63	-3.56	22.07	33.01	PASS
n78(3550-3700)	30	20	641666	25@12	DFT_QAM64	25.09	-3.56	21.53	33.01	PASS
n78(3550-3700)	30	20	641666	1@1	DFT_QAM64	24.86	-3.56	21.3	33.01	PASS
n78(3550-3700)	30	20	641666	1@49	DFT_QAM64	24.77	-3.56	21.21	33.01	PASS
n78(3550-3700)	30	20	641666	50@0	DFT_QAM64	25.09	-3.56	21.53	33.01	PASS
n78(3550-3700)	30	20	641666	25@12	DFT_QAM256	23.09	-3.56	19.53	33.01	PASS
n78(3550-3700)	30	20	641666	1@1	DFT_QAM256	23.19	-3.56	19.63	33.01	PASS
n78(3550-3700)	30	20	641666	1@49	DFT_QAM256	22.91	-3.56	19.35	33.01	PASS
n78(3550-3700)	30	20	641666	50@0	DFT_QAM256	23.06	-3.56	19.5	33.01	PASS
n78(3550-3700)	30	20	641666	25@12	CP_QPSK	26.09	-3.56	22.53	33.01	PASS
n78(3550-3700)	30	20	641666	1@1	CP_QPSK	26.08	-3.56	22.52	33.01	PASS
n78(3550-3700)	30	20	641666	1@49	CP_QPSK	25.89	-3.56	22.33	33.01	PASS
n78(3550-3700)	30	20	641666	51@0	CP_QPSK	24.64	-3.56	21.08	33.01	PASS
n78(3550-3700)	30	20	641666	25@12	CP_QAM16	25.75	-3.56	22.19	33.01	PASS
n78(3550-3700)	30	20	641666	1@1	CP_QAM16	25.95	-3.56	22.39	33.01	PASS
n78(3550-3700)	30	20	641666	1@49	CP_QAM16	25.8	-3.56	22.24	33.01	PASS
n78(3550-3700)	30	20	641666	51@0	CP_QAM16	24.58	-3.56	21.02	33.01	PASS
n78(3550-3700)	30	20	641666	25@12	CP_QAM64	24.23	-3.56	20.67	33.01	PASS
n78(3550-3700)	30	20	641666	1@1	CP_QAM64	24.2	-3.56	20.64	33.01	PASS
n78(3550-3700)	30	20	641666	1@49	CP_QAM64	24.77	-3.56	21.21	33.01	PASS
n78(3550-3700)	30	20	641666	51@0	CP_QAM64	24.19	-3.56	20.63	33.01	PASS
n78(3550-3700)	30	20	641666	25@12	CP_QAM256	21.23	-3.56	17.67	33.01	PASS
n78(3550-3700)	30	20	641666	1@1	CP_QAM256	21.3	-3.56	17.74	33.01	PASS
n78(3550-3700)	30	20	641666	1@49	CP_QAM256	21.06	-3.56	17.5	33.01	PASS
n78(3550-3700)	30	20	641666	51@0	CP_QAM256	21.13	-3.56	17.57	33.01	PASS
n78(3550-3700)	30	20	646000	25@12	DFT_BPSK	27.55	-3.56	23.99	33.01	PASS
n78(3550-3700)	30	20	646000	1@1	DFT_BPSK	27.31	-3.56	23.75	33.01	PASS
n78(3550-3700)	30	20	646000	1@49	DFT_BPSK	27.45	-3.56	23.89	33.01	PASS
n78(3550-3700)	30	20	646000	50@0	DFT_BPSK	26.99	-3.56	23.43	33.01	PASS
n78(3550-3700)	30	20	646000	25@12	DFT_QPSK	27.48	-3.56	23.92	33.01	PASS
n78(3550-3700)	30	20	646000	1@1	DFT_QPSK	27.26	-3.56	23.7	33.01	PASS
n78(3550-3700)	30	20	646000	1@49	DFT_QPSK	27.46	-3.56	23.9	33.01	PASS
n78(3550-3700)	30	20	646000	50@0	DFT_QPSK	26.51	-3.56	22.95	33.01	PASS

n78(3550-3700)	30	20	646000	25@12	DFT_QAM16	26.5	-3.56	22.94	33.01	PASS
n78(3550-3700)	30	20	646000	1@1	DFT_QAM16	26.41	-3.56	22.85	33.01	PASS
n78(3550-3700)	30	20	646000	1@49	DFT_QAM16	26.57	-3.56	23.01	33.01	PASS
n78(3550-3700)	30	20	646000	50@0	DFT_QAM16	25.53	-3.56	21.97	33.01	PASS
n78(3550-3700)	30	20	646000	25@12	DFT_QAM64	25.09	-3.56	21.53	33.01	PASS
n78(3550-3700)	30	20	646000	1@1	DFT_QAM64	24.69	-3.56	21.13	33.01	PASS
n78(3550-3700)	30	20	646000	1@49	DFT_QAM64	24.87	-3.56	21.31	33.01	PASS
n78(3550-3700)	30	20	646000	50@0	DFT_QAM64	25.02	-3.56	21.46	33.01	PASS
n78(3550-3700)	30	20	646000	25@12	DFT_QAM256	23	-3.56	19.44	33.01	PASS
n78(3550-3700)	30	20	646000	1@1	DFT_QAM256	22.83	-3.56	19.27	33.01	PASS
n78(3550-3700)	30	20	646000	1@49	DFT_QAM256	23	-3.56	19.44	33.01	PASS
n78(3550-3700)	30	20	646000	50@0	DFT_QAM256	22.95	-3.56	19.39	33.01	PASS
n78(3550-3700)	30	20	646000	25@12	CP_QPSK	26.12	-3.56	22.56	33.01	PASS
n78(3550-3700)	30	20	646000	1@1	CP_QPSK	25.95	-3.56	22.39	33.01	PASS
n78(3550-3700)	30	20	646000	1@49	CP_QPSK	26.1	-3.56	22.54	33.01	PASS
n78(3550-3700)	30	20	646000	51@0	CP_QPSK	24.5	-3.56	20.94	33.01	PASS
n78(3550-3700)	30	20	646000	25@12	CP_QAM16	25.55	-3.56	21.99	33.01	PASS
n78(3550-3700)	30	20	646000	1@1	CP_QAM16	25.23	-3.56	21.67	33.01	PASS
n78(3550-3700)	30	20	646000	1@49	CP_QAM16	25.95	-3.56	22.39	33.01	PASS
n78(3550-3700)	30	20	646000	51@0	CP_QAM16	24.55	-3.56	20.99	33.01	PASS
n78(3550-3700)	30	20	646000	25@12	CP_QAM64	24.22	-3.56	20.66	33.01	PASS
n78(3550-3700)	30	20	646000	1@1	CP_QAM64	23.97	-3.56	20.41	33.01	PASS
n78(3550-3700)	30	20	646000	1@49	CP_QAM64	24.89	-3.56	21.33	33.01	PASS
n78(3550-3700)	30	20	646000	51@0	CP_QAM64	24.08	-3.56	20.52	33.01	PASS
n78(3550-3700)	30	20	646000	25@12	CP_QAM256	21.1	-3.56	17.54	33.01	PASS
n78(3550-3700)	30	20	646000	1@1	CP_QAM256	20.93	-3.56	17.37	33.01	PASS
n78(3550-3700)	30	20	646000	1@49	CP_QAM256	21.12	-3.56	17.56	33.01	PASS
n78(3550-3700)	30	20	646000	51@0	CP_QAM256	21.03	-3.56	17.47	33.01	PASS
n78(3550-3700)	30	40	638000	50@25	DFT_BPSK	27.42	-3.56	23.86	33.01	PASS
n78(3550-3700)	30	40	638000	1@1	DFT_BPSK	27.17	-3.56	23.61	33.01	PASS
n78(3550-3700)	30	40	638000	1@104	DFT_BPSK	27.4	-3.56	23.84	33.01	PASS
n78(3550-3700)	30	40	638000	100@0	DFT_BPSK	26.82	-3.56	23.26	33.01	PASS
n78(3550-3700)	30	40	638000	50@25	DFT_QPSK	27.4	-3.56	23.84	33.01	PASS
n78(3550-3700)	30	40	638000	1@1	DFT_QPSK	27.14	-3.56	23.58	33.01	PASS
n78(3550-3700)	30	40	638000	1@104	DFT_QPSK	27.32	-3.56	23.76	33.01	PASS
n78(3550-3700)	30	40	638000	100@0	DFT_QPSK	26.36	-3.56	22.8	33.01	PASS
n78(3550-3700)	30	40	638000	50@25	DFT_QAM16	26.47	-3.56	22.91	33.01	PASS
n78(3550-3700)	30	40	638000	1@1	DFT_QAM16	26.31	-3.56	22.75	33.01	PASS
n78(3550-3700)	30	40	638000	1@104	DFT_QAM16	26.54	-3.56	22.98	33.01	PASS
n78(3550-3700)	30	40	638000	100@0	DFT_QAM16	25.34	-3.56	21.78	33.01	PASS
n78(3550-3700)	30	40	638000	50@25	DFT_QAM64	24.92	-3.56	21.36	33.01	PASS
n78(3550-3700)	30	40	638000	1@1	DFT_QAM64	24.57	-3.56	21.01	33.01	PASS
n78(3550-3700)	30	40	638000	1@104	DFT_QAM64	24.78	-3.56	21.22	33.01	PASS

n78(3550-3700)	30	40	638000	100@0	DFT_QAM64	24.9	-3.56	21.34	33.01	PASS
n78(3550-3700)	30	40	638000	50@25	DFT_QAM256	22.97	-3.56	19.41	33.01	PASS
n78(3550-3700)	30	40	638000	1@1	DFT_QAM256	22.83	-3.56	19.27	33.01	PASS
n78(3550-3700)	30	40	638000	1@104	DFT_QAM256	23.15	-3.56	19.59	33.01	PASS
n78(3550-3700)	30	40	638000	100@0	DFT_QAM256	22.99	-3.56	19.43	33.01	PASS
n78(3550-3700)	30	40	638000	53@26	CP_QPSK	25.95	-3.56	22.39	33.01	PASS
n78(3550-3700)	30	40	638000	1@1	CP_QPSK	25.66	-3.56	22.1	33.01	PASS
n78(3550-3700)	30	40	638000	1@104	CP_QPSK	25.96	-3.56	22.4	33.01	PASS
n78(3550-3700)	30	40	638000	106@0	CP_QPSK	24.43	-3.56	20.87	33.01	PASS
n78(3550-3700)	30	40	638000	53@26	CP_QAM16	25.38	-3.56	21.82	33.01	PASS
n78(3550-3700)	30	40	638000	1@1	CP_QAM16	25.71	-3.56	22.15	33.01	PASS
n78(3550-3700)	30	40	638000	1@104	CP_QAM16	25.9	-3.56	22.34	33.01	PASS
n78(3550-3700)	30	40	638000	106@0	CP_QAM16	24.35	-3.56	20.79	33.01	PASS
n78(3550-3700)	30	40	638000	53@26	CP_QAM64	23.97	-3.56	20.41	33.01	PASS
n78(3550-3700)	30	40	638000	1@1	CP_QAM64	24.55	-3.56	20.99	33.01	PASS
n78(3550-3700)	30	40	638000	1@104	CP_QAM64	24.4	-3.56	20.84	33.01	PASS
n78(3550-3700)	30	40	638000	106@0	CP_QAM64	23.9	-3.56	20.34	33.01	PASS
n78(3550-3700)	30	40	638000	53@26	CP_QAM256	21.08	-3.56	17.52	33.01	PASS
n78(3550-3700)	30	40	638000	1@1	CP_QAM256	20.78	-3.56	17.22	33.01	PASS
n78(3550-3700)	30	40	638000	1@104	CP_QAM256	21.08	-3.56	17.52	33.01	PASS
n78(3550-3700)	30	40	638000	106@0	CP_QAM256	21.06	-3.56	17.5	33.01	PASS
n78(3550-3700)	30	40	641666	50@25	DFT_BPSK	27.55	-3.56	23.99	33.01	PASS
n78(3550-3700)	30	40	641666	1@1	DFT_BPSK	27.6	-3.56	24.04	33.01	PASS
n78(3550-3700)	30	40	641666	1@104	DFT_BPSK	27.31	-3.56	23.75	33.01	PASS
n78(3550-3700)	30	40	641666	100@0	DFT_BPSK	27.02	-3.56	23.46	33.01	PASS
n78(3550-3700)	30	40	641666	50@25	DFT_QPSK	27.6	-3.56	24.04	33.01	PASS
n78(3550-3700)	30	40	641666	1@1	DFT_QPSK	27.51	-3.56	23.95	33.01	PASS
n78(3550-3700)	30	40	641666	1@104	DFT_QPSK	27.23	-3.56	23.67	33.01	PASS
n78(3550-3700)	30	40	641666	100@0	DFT_QPSK	26.53	-3.56	22.97	33.01	PASS
n78(3550-3700)	30	40	641666	50@25	DFT_QAM16	26.63	-3.56	23.07	33.01	PASS
n78(3550-3700)	30	40	641666	1@1	DFT_QAM16	26.6	-3.56	23.04	33.01	PASS
n78(3550-3700)	30	40	641666	1@104	DFT_QAM16	26.28	-3.56	22.72	33.01	PASS
n78(3550-3700)	30	40	641666	100@0	DFT_QAM16	25.52	-3.56	21.96	33.01	PASS
n78(3550-3700)	30	40	641666	50@25	DFT_QAM64	25.11	-3.56	21.55	33.01	PASS
n78(3550-3700)	30	40	641666	1@1	DFT_QAM64	24.99	-3.56	21.43	33.01	PASS
n78(3550-3700)	30	40	641666	1@104	DFT_QAM64	24.68	-3.56	21.12	33.01	PASS
n78(3550-3700)	30	40	641666	100@0	DFT_QAM64	25.1	-3.56	21.54	33.01	PASS
n78(3550-3700)	30	40	641666	50@25	DFT_QAM256	23.13	-3.56	19.57	33.01	PASS
n78(3550-3700)	30	40	641666	1@1	DFT_QAM256	23.24	-3.56	19.68	33.01	PASS
n78(3550-3700)	30	40	641666	1@104	DFT_QAM256	23	-3.56	19.44	33.01	PASS
n78(3550-3700)	30	40	641666	100@0	DFT_QAM256	23.13	-3.56	19.57	33.01	PASS
n78(3550-3700)	30	40	641666	53@26	CP_QPSK	26.14	-3.56	22.58	33.01	PASS
n78(3550-3700)	30	40	641666	1@1	CP_QPSK	26.05	-3.56	22.49	33.01	PASS

n78(3550-3700)	30	40	641666	1@104	CP_QPSK	25.76	-3.56	22.2	33.01	PASS
n78(3550-3700)	30	40	641666	106@0	CP_QPSK	24.57	-3.56	21.01	33.01	PASS
n78(3550-3700)	30	40	641666	53@26	CP_QAM16	25.54	-3.56	21.98	33.01	PASS
n78(3550-3700)	30	40	641666	1@1	CP_QAM16	26.08	-3.56	22.52	33.01	PASS
n78(3550-3700)	30	40	641666	1@104	CP_QAM16	25.48	-3.56	21.92	33.01	PASS
n78(3550-3700)	30	40	641666	106@0	CP_QAM16	24.55	-3.56	20.99	33.01	PASS
n78(3550-3700)	30	40	641666	53@26	CP_QAM64	24.22	-3.56	20.66	33.01	PASS
n78(3550-3700)	30	40	641666	1@1	CP_QAM64	24.99	-3.56	21.43	33.01	PASS
n78(3550-3700)	30	40	641666	1@104	CP_QAM64	24.61	-3.56	21.05	33.01	PASS
n78(3550-3700)	30	40	641666	106@0	CP_QAM64	24.14	-3.56	20.58	33.01	PASS
n78(3550-3700)	30	40	641666	53@26	CP_QAM256	21.19	-3.56	17.63	33.01	PASS
n78(3550-3700)	30	40	641666	1@1	CP_QAM256	21.22	-3.56	17.66	33.01	PASS
n78(3550-3700)	30	40	641666	1@104	CP_QAM256	20.81	-3.56	17.25	33.01	PASS
n78(3550-3700)	30	40	641666	106@0	CP_QAM256	21.22	-3.56	17.66	33.01	PASS
n78(3550-3700)	30	40	645332	50@25	DFT_BPSK	27.32	-3.56	23.76	33.01	PASS
n78(3550-3700)	30	40	645332	1@1	DFT_BPSK	27.27	-3.56	23.71	33.01	PASS
n78(3550-3700)	30	40	645332	1@104	DFT_BPSK	27.52	-3.56	23.96	33.01	PASS
n78(3550-3700)	30	40	645332	100@0	DFT_BPSK	26.8	-3.56	23.24	33.01	PASS
n78(3550-3700)	30	40	645332	50@25	DFT_QPSK	27.34	-3.56	23.78	33.01	PASS
n78(3550-3700)	30	40	645332	1@1	DFT_QPSK	27.17	-3.56	23.61	33.01	PASS
n78(3550-3700)	30	40	645332	1@104	DFT_QPSK	27.45	-3.56	23.89	33.01	PASS
n78(3550-3700)	30	40	645332	100@0	DFT_QPSK	26.34	-3.56	22.78	33.01	PASS
n78(3550-3700)	30	40	645332	50@25	DFT_QAM16	26.37	-3.56	22.81	33.01	PASS
n78(3550-3700)	30	40	645332	1@1	DFT_QAM16	26.24	-3.56	22.68	33.01	PASS
n78(3550-3700)	30	40	645332	1@104	DFT_QAM16	26.55	-3.56	22.99	33.01	PASS
n78(3550-3700)	30	40	645332	100@0	DFT_QAM16	25.31	-3.56	21.75	33.01	PASS
n78(3550-3700)	30	40	645332	50@25	DFT_QAM64	24.91	-3.56	21.35	33.01	PASS
n78(3550-3700)	30	40	645332	1@1	DFT_QAM64	24.59	-3.56	21.03	33.01	PASS
n78(3550-3700)	30	40	645332	1@104	DFT_QAM64	25.23	-3.56	21.67	33.01	PASS
n78(3550-3700)	30	40	645332	100@0	DFT_QAM64	24.86	-3.56	21.3	33.01	PASS
n78(3550-3700)	30	40	645332	50@25	DFT_QAM256	22.87	-3.56	19.31	33.01	PASS
n78(3550-3700)	30	40	645332	1@1	DFT_QAM256	22.93	-3.56	19.37	33.01	PASS
n78(3550-3700)	30	40	645332	1@104	DFT_QAM256	23.03	-3.56	19.47	33.01	PASS
n78(3550-3700)	30	40	645332	100@0	DFT_QAM256	22.92	-3.56	19.36	33.01	PASS
n78(3550-3700)	30	40	645332	53@26	CP_QPSK	25.86	-3.56	22.3	33.01	PASS
n78(3550-3700)	30	40	645332	1@1	CP_QPSK	25.74	-3.56	22.18	33.01	PASS
n78(3550-3700)	30	40	645332	1@104	CP_QPSK	25.97	-3.56	22.41	33.01	PASS
n78(3550-3700)	30	40	645332	106@0	CP_QPSK	24.37	-3.56	20.81	33.01	PASS
n78(3550-3700)	30	40	645332	53@26	CP_QAM16	25.37	-3.56	21.81	33.01	PASS
n78(3550-3700)	30	40	645332	1@1	CP_QAM16	25.45	-3.56	21.89	33.01	PASS
n78(3550-3700)	30	40	645332	1@104	CP_QAM16	25.95	-3.56	22.39	33.01	PASS
n78(3550-3700)	30	40	645332	106@0	CP_QAM16	24.39	-3.56	20.83	33.01	PASS
n78(3550-3700)	30	40	645332	53@26	CP_QAM64	23.92	-3.56	20.36	33.01	PASS

n78(3550-3700)	30	40	645332	1@1	CP_QAM64	24.65	-3.56	21.09	33.01	PASS
n78(3550-3700)	30	40	645332	1@104	CP_QAM64	24.07	-3.56	20.51	33.01	PASS
n78(3550-3700)	30	40	645332	106@0	CP_QAM64	23.9	-3.56	20.34	33.01	PASS
n78(3550-3700)	30	40	645332	53@26	CP_QAM256	20.98	-3.56	17.42	33.01	PASS
n78(3550-3700)	30	40	645332	1@1	CP_QAM256	20.73	-3.56	17.17	33.01	PASS
n78(3550-3700)	30	40	645332	1@104	CP_QAM256	20.72	-3.56	17.16	33.01	PASS
n78(3550-3700)	30	40	645332	106@0	CP_QAM256	20.96	-3.56	17.4	33.01	PASS
n78(3550-3700)	30	50	638334	64@32	DFT_BPSK	27.44	-3.56	23.88	33.01	PASS
n78(3550-3700)	30	50	638334	1@1	DFT_BPSK	27.18	-3.56	23.62	33.01	PASS
n78(3550-3700)	30	50	638334	1@131	DFT_BPSK	27.53	-3.56	23.97	33.01	PASS
n78(3550-3700)	30	50	638334	128@0	DFT_BPSK	26.85	-3.56	23.29	33.01	PASS
n78(3550-3700)	30	50	638334	64@32	DFT_QPSK	27.4	-3.56	23.84	33.01	PASS
n78(3550-3700)	30	50	638334	1@1	DFT_QPSK	27.14	-3.56	23.58	33.01	PASS
n78(3550-3700)	30	50	638334	1@131	DFT_QPSK	27.49	-3.56	23.93	33.01	PASS
n78(3550-3700)	30	50	638334	128@0	DFT_QPSK	26.32	-3.56	22.76	33.01	PASS
n78(3550-3700)	30	50	638334	64@32	DFT_QAM16	26.39	-3.56	22.83	33.01	PASS
n78(3550-3700)	30	50	638334	1@1	DFT_QAM16	26.34	-3.56	22.78	33.01	PASS
n78(3550-3700)	30	50	638334	1@131	DFT_QAM16	26.68	-3.56	23.12	33.01	PASS
n78(3550-3700)	30	50	638334	128@0	DFT_QAM16	25.43	-3.56	21.87	33.01	PASS
n78(3550-3700)	30	50	638334	64@32	DFT_QAM64	24.91	-3.56	21.35	33.01	PASS
n78(3550-3700)	30	50	638334	1@1	DFT_QAM64	25.13	-3.56	21.57	33.01	PASS
n78(3550-3700)	30	50	638334	1@131	DFT_QAM64	25.47	-3.56	21.91	33.01	PASS
n78(3550-3700)	30	50	638334	128@0	DFT_QAM64	24.88	-3.56	21.32	33.01	PASS
n78(3550-3700)	30	50	638334	64@32	DFT_QAM256	22.95	-3.56	19.39	33.01	PASS
n78(3550-3700)	30	50	638334	1@1	DFT_QAM256	22.99	-3.56	19.43	33.01	PASS
n78(3550-3700)	30	50	638334	1@131	DFT_QAM256	23.25	-3.56	19.69	33.01	PASS
n78(3550-3700)	30	50	638334	128@0	DFT_QAM256	22.93	-3.56	19.37	33.01	PASS
n78(3550-3700)	30	50	638334	67@33	CP_QPSK	25.9	-3.56	22.34	33.01	PASS
n78(3550-3700)	30	50	638334	1@1	CP_QPSK	25.71	-3.56	22.15	33.01	PASS
n78(3550-3700)	30	50	638334	1@131	CP_QPSK	26.02	-3.56	22.46	33.01	PASS
n78(3550-3700)	30	50	638334	133@0	CP_QPSK	24.33	-3.56	20.77	33.01	PASS
n78(3550-3700)	30	50	638334	67@33	CP_QAM16	25.39	-3.56	21.83	33.01	PASS
n78(3550-3700)	30	50	638334	1@1	CP_QAM16	25.06	-3.56	21.5	33.01	PASS
n78(3550-3700)	30	50	638334	1@131	CP_QAM16	25.43	-3.56	21.87	33.01	PASS
n78(3550-3700)	30	50	638334	133@0	CP_QAM16	24.34	-3.56	20.78	33.01	PASS
n78(3550-3700)	30	50	638334	67@33	CP_QAM64	23.99	-3.56	20.43	33.01	PASS
n78(3550-3700)	30	50	638334	1@1	CP_QAM64	24.19	-3.56	20.63	33.01	PASS
n78(3550-3700)	30	50	638334	1@131	CP_QAM64	24.89	-3.56	21.33	33.01	PASS
n78(3550-3700)	30	50	638334	133@0	CP_QAM64	23.87	-3.56	20.31	33.01	PASS
n78(3550-3700)	30	50	638334	67@33	CP_QAM256	21.1	-3.56	17.54	33.01	PASS
n78(3550-3700)	30	50	638334	1@1	CP_QAM256	20.77	-3.56	17.21	33.01	PASS
n78(3550-3700)	30	50	638334	1@131	CP_QAM256	21.1	-3.56	17.54	33.01	PASS
n78(3550-3700)	30	50	638334	133@0	CP_QAM256	21.06	-3.56	17.5	33.01	PASS

n78(3550-3700)	30	50	641666	64@32	DFT_BPSK	27.57	-3.56	24.01	33.01	PASS
n78(3550-3700)	30	50	641666	1@1	DFT_BPSK	27.56	-3.56	24	33.01	PASS
n78(3550-3700)	30	50	641666	1@131	DFT_BPSK	27.21	-3.56	23.65	33.01	PASS
n78(3550-3700)	30	50	641666	128@0	DFT_BPSK	27.07	-3.56	23.51	33.01	PASS
n78(3550-3700)	30	50	641666	64@32	DFT_QPSK	27.58	-3.56	24.02	33.01	PASS
n78(3550-3700)	30	50	641666	1@1	DFT_QPSK	27.52	-3.56	23.96	33.01	PASS
n78(3550-3700)	30	50	641666	1@131	DFT_QPSK	27.15	-3.56	23.59	33.01	PASS
n78(3550-3700)	30	50	641666	128@0	DFT_QPSK	26.52	-3.56	22.96	33.01	PASS
n78(3550-3700)	30	50	641666	64@32	DFT_QAM16	26.54	-3.56	22.98	33.01	PASS
n78(3550-3700)	30	50	641666	1@1	DFT_QAM16	26.72	-3.56	23.16	33.01	PASS
n78(3550-3700)	30	50	641666	1@131	DFT_QAM16	26.45	-3.56	22.89	33.01	PASS
n78(3550-3700)	30	50	641666	128@0	DFT_QAM16	25.57	-3.56	22.01	33.01	PASS
n78(3550-3700)	30	50	641666	64@32	DFT_QAM64	25.13	-3.56	21.57	33.01	PASS
n78(3550-3700)	30	50	641666	1@1	DFT_QAM64	24.99	-3.56	21.43	33.01	PASS
n78(3550-3700)	30	50	641666	1@131	DFT_QAM64	24.69	-3.56	21.13	33.01	PASS
n78(3550-3700)	30	50	641666	128@0	DFT_QAM64	25.11	-3.56	21.55	33.01	PASS
n78(3550-3700)	30	50	641666	64@32	DFT_QAM256	23.2	-3.56	19.64	33.01	PASS
n78(3550-3700)	30	50	641666	1@1	DFT_QAM256	23.29	-3.56	19.73	33.01	PASS
n78(3550-3700)	30	50	641666	1@131	DFT_QAM256	22.81	-3.56	19.25	33.01	PASS
n78(3550-3700)	30	50	641666	128@0	DFT_QAM256	23.11	-3.56	19.55	33.01	PASS
n78(3550-3700)	30	50	641666	67@33	CP_QPSK	26.06	-3.56	22.5	33.01	PASS
n78(3550-3700)	30	50	641666	1@1	CP_QPSK	26.02	-3.56	22.46	33.01	PASS
n78(3550-3700)	30	50	641666	1@131	CP_QPSK	25.71	-3.56	22.15	33.01	PASS
n78(3550-3700)	30	50	641666	133@0	CP_QPSK	24.59	-3.56	21.03	33.01	PASS
n78(3550-3700)	30	50	641666	67@33	CP_QAM16	25.63	-3.56	22.07	33.01	PASS
n78(3550-3700)	30	50	641666	1@1	CP_QAM16	25.68	-3.56	22.12	33.01	PASS
n78(3550-3700)	30	50	641666	1@131	CP_QAM16	25.6	-3.56	22.04	33.01	PASS
n78(3550-3700)	30	50	641666	133@0	CP_QAM16	24.57	-3.56	21.01	33.01	PASS
n78(3550-3700)	30	50	641666	67@33	CP_QAM64	24.22	-3.56	20.66	33.01	PASS
n78(3550-3700)	30	50	641666	1@1	CP_QAM64	24.97	-3.56	21.41	33.01	PASS
n78(3550-3700)	30	50	641666	1@131	CP_QAM64	24.43	-3.56	20.87	33.01	PASS
n78(3550-3700)	30	50	641666	133@0	CP_QAM64	24.03	-3.56	20.47	33.01	PASS
n78(3550-3700)	30	50	641666	67@33	CP_QAM256	21.23	-3.56	17.67	33.01	PASS
n78(3550-3700)	30	50	641666	1@1	CP_QAM256	21.22	-3.56	17.66	33.01	PASS
n78(3550-3700)	30	50	641666	1@131	CP_QAM256	20.7	-3.56	17.14	33.01	PASS
n78(3550-3700)	30	50	641666	133@0	CP_QAM256	21.2	-3.56	17.64	33.01	PASS
n78(3550-3700)	30	50	645000	64@32	DFT_BPSK	27.34	-3.56	23.78	33.01	PASS
n78(3550-3700)	30	50	645000	1@1	DFT_BPSK	27.16	-3.56	23.6	33.01	PASS
n78(3550-3700)	30	50	645000	1@131	DFT_BPSK	27.47	-3.56	23.91	33.01	PASS
n78(3550-3700)	30	50	645000	128@0	DFT_BPSK	26.85	-3.56	23.29	33.01	PASS
n78(3550-3700)	30	50	645000	64@32	DFT_QPSK	27.33	-3.56	23.77	33.01	PASS
n78(3550-3700)	30	50	645000	1@1	DFT_QPSK	27.05	-3.56	23.49	33.01	PASS
n78(3550-3700)	30	50	645000	1@131	DFT_QPSK	27.38	-3.56	23.82	33.01	PASS

n78(3550-3700)	30	50	645000	128@0	DFT_QPSK	26.33	-3.56	22.77	33.01	PASS
n78(3550-3700)	30	50	645000	64@32	DFT_QAM16	26.35	-3.56	22.79	33.01	PASS
n78(3550-3700)	30	50	645000	1@1	DFT_QAM16	26.43	-3.56	22.87	33.01	PASS
n78(3550-3700)	30	50	645000	1@131	DFT_QAM16	26.69	-3.56	23.13	33.01	PASS
n78(3550-3700)	30	50	645000	128@0	DFT_QAM16	25.43	-3.56	21.87	33.01	PASS
n78(3550-3700)	30	50	645000	64@32	DFT_QAM64	24.86	-3.56	21.3	33.01	PASS
n78(3550-3700)	30	50	645000	1@1	DFT_QAM64	24.54	-3.56	20.98	33.01	PASS
n78(3550-3700)	30	50	645000	1@131	DFT_QAM64	24.84	-3.56	21.28	33.01	PASS
n78(3550-3700)	30	50	645000	128@0	DFT_QAM64	24.9	-3.56	21.34	33.01	PASS
n78(3550-3700)	30	50	645000	64@32	DFT_QAM256	22.94	-3.56	19.38	33.01	PASS
n78(3550-3700)	30	50	645000	1@1	DFT_QAM256	22.91	-3.56	19.35	33.01	PASS
n78(3550-3700)	30	50	645000	1@131	DFT_QAM256	23.11	-3.56	19.55	33.01	PASS
n78(3550-3700)	30	50	645000	128@0	DFT_QAM256	22.86	-3.56	19.3	33.01	PASS
n78(3550-3700)	30	50	645000	67@33	CP_QPSK	25.79	-3.56	22.23	33.01	PASS
n78(3550-3700)	30	50	645000	1@1	CP_QPSK	25.65	-3.56	22.09	33.01	PASS
n78(3550-3700)	30	50	645000	1@131	CP_QPSK	25.87	-3.56	22.31	33.01	PASS
n78(3550-3700)	30	50	645000	133@0	CP_QPSK	24.35	-3.56	20.79	33.01	PASS
n78(3550-3700)	30	50	645000	67@33	CP_QAM16	25.39	-3.56	21.83	33.01	PASS
n78(3550-3700)	30	50	645000	1@1	CP_QAM16	25.59	-3.56	22.03	33.01	PASS
n78(3550-3700)	30	50	645000	1@131	CP_QAM16	25.9	-3.56	22.34	33.01	PASS
n78(3550-3700)	30	50	645000	133@0	CP_QAM16	24.34	-3.56	20.78	33.01	PASS
n78(3550-3700)	30	50	645000	67@33	CP_QAM64	23.87	-3.56	20.31	33.01	PASS
n78(3550-3700)	30	50	645000	1@1	CP_QAM64	24.48	-3.56	20.92	33.01	PASS
n78(3550-3700)	30	50	645000	1@131	CP_QAM64	24.83	-3.56	21.27	33.01	PASS
n78(3550-3700)	30	50	645000	133@0	CP_QAM64	23.82	-3.56	20.26	33.01	PASS
n78(3550-3700)	30	50	645000	67@33	CP_QAM256	20.98	-3.56	17.42	33.01	PASS
n78(3550-3700)	30	50	645000	1@1	CP_QAM256	20.65	-3.56	17.09	33.01	PASS
n78(3550-3700)	30	50	645000	1@131	CP_QAM256	20.89	-3.56	17.33	33.01	PASS
n78(3550-3700)	30	50	645000	133@0	CP_QAM256	20.89	-3.56	17.33	33.01	PASS
n78(3550-3700)	30	60	638668	81@40	DFT_BPSK	27.42	-3.56	23.86	33.01	PASS
n78(3550-3700)	30	60	638668	1@1	DFT_BPSK	27.08	-3.56	23.52	33.01	PASS
n78(3550-3700)	30	60	638668	1@160	DFT_BPSK	27.44	-3.56	23.88	33.01	PASS
n78(3550-3700)	30	60	638668	162@0	DFT_BPSK	26.93	-3.56	23.37	33.01	PASS
n78(3550-3700)	30	60	638668	81@40	DFT_QPSK	27.36	-3.56	23.8	33.01	PASS
n78(3550-3700)	30	60	638668	1@1	DFT_QPSK	26.98	-3.56	23.42	33.01	PASS
n78(3550-3700)	30	60	638668	1@160	DFT_QPSK	27.38	-3.56	23.82	33.01	PASS
n78(3550-3700)	30	60	638668	162@0	DFT_QPSK	26.36	-3.56	22.8	33.01	PASS
n78(3550-3700)	30	60	638668	81@40	DFT_QAM16	26.43	-3.56	22.87	33.01	PASS
n78(3550-3700)	30	60	638668	1@1	DFT_QAM16	26.24	-3.56	22.68	33.01	PASS
n78(3550-3700)	30	60	638668	1@160	DFT_QAM16	26.72	-3.56	23.16	33.01	PASS
n78(3550-3700)	30	60	638668	162@0	DFT_QAM16	25.42	-3.56	21.86	33.01	PASS
n78(3550-3700)	30	60	638668	81@40	DFT_QAM64	24.94	-3.56	21.38	33.01	PASS
n78(3550-3700)	30	60	638668	1@1	DFT_QAM64	24.49	-3.56	20.93	33.01	PASS

n78(3550-3700)	30	60	638668	1@160	DFT_QAM64	24.88	-3.56	21.32	33.01	PASS
n78(3550-3700)	30	60	638668	162@0	DFT_QAM64	24.88	-3.56	21.32	33.01	PASS
n78(3550-3700)	30	60	638668	81@40	DFT_QAM256	22.95	-3.56	19.39	33.01	PASS
n78(3550-3700)	30	60	638668	1@1	DFT_QAM256	22.8	-3.56	19.24	33.01	PASS
n78(3550-3700)	30	60	638668	1@160	DFT_QAM256	23.09	-3.56	19.53	33.01	PASS
n78(3550-3700)	30	60	638668	162@0	DFT_QAM256	22.94	-3.56	19.38	33.01	PASS
n78(3550-3700)	30	60	638668	81@40	CP_QPSK	25.91	-3.56	22.35	33.01	PASS
n78(3550-3700)	30	60	638668	1@1	CP_QPSK	25.58	-3.56	22.02	33.01	PASS
n78(3550-3700)	30	60	638668	1@160	CP_QPSK	25.87	-3.56	22.31	33.01	PASS
n78(3550-3700)	30	60	638668	162@0	CP_QPSK	24.41	-3.56	20.85	33.01	PASS
n78(3550-3700)	30	60	638668	81@40	CP_QAM16	25.41	-3.56	21.85	33.01	PASS
n78(3550-3700)	30	60	638668	1@1	CP_QAM16	25.54	-3.56	21.98	33.01	PASS
n78(3550-3700)	30	60	638668	1@160	CP_QAM16	25.88	-3.56	22.32	33.01	PASS
n78(3550-3700)	30	60	638668	162@0	CP_QAM16	24.42	-3.56	20.86	33.01	PASS
n78(3550-3700)	30	60	638668	81@40	CP_QAM64	23.99	-3.56	20.43	33.01	PASS
n78(3550-3700)	30	60	638668	1@1	CP_QAM64	23.97	-3.56	20.41	33.01	PASS
n78(3550-3700)	30	60	638668	1@160	CP_QAM64	24.27	-3.56	20.71	33.01	PASS
n78(3550-3700)	30	60	638668	162@0	CP_QAM64	23.88	-3.56	20.32	33.01	PASS
n78(3550-3700)	30	60	638668	81@40	CP_QAM256	21.11	-3.56	17.55	33.01	PASS
n78(3550-3700)	30	60	638668	1@1	CP_QAM256	20.66	-3.56	17.1	33.01	PASS
n78(3550-3700)	30	60	638668	1@160	CP_QAM256	20.98	-3.56	17.42	33.01	PASS
n78(3550-3700)	30	60	638668	162@0	CP_QAM256	21.12	-3.56	17.56	33.01	PASS
n78(3550-3700)	30	60	641666	81@40	DFT_BPSK	27.47	-3.56	23.91	33.01	PASS
n78(3550-3700)	30	60	641666	1@1	DFT_BPSK	27.45	-3.56	23.89	33.01	PASS
n78(3550-3700)	30	60	641666	1@160	DFT_BPSK	27.1	-3.56	23.54	33.01	PASS
n78(3550-3700)	30	60	641666	162@0	DFT_BPSK	27	-3.56	23.44	33.01	PASS
n78(3550-3700)	30	60	641666	81@40	DFT_QPSK	27.46	-3.56	23.9	33.01	PASS
n78(3550-3700)	30	60	641666	1@1	DFT_QPSK	27.4	-3.56	23.84	33.01	PASS
n78(3550-3700)	30	60	641666	1@160	DFT_QPSK	27.14	-3.56	23.58	33.01	PASS
n78(3550-3700)	30	60	641666	162@0	DFT_QPSK	26.44	-3.56	22.88	33.01	PASS
n78(3550-3700)	30	60	641666	81@40	DFT_QAM16	26.56	-3.56	23	33.01	PASS
n78(3550-3700)	30	60	641666	1@1	DFT_QAM16	26.48	-3.56	22.92	33.01	PASS
n78(3550-3700)	30	60	641666	1@160	DFT_QAM16	26.12	-3.56	22.56	33.01	PASS
n78(3550-3700)	30	60	641666	162@0	DFT_QAM16	25.43	-3.56	21.87	33.01	PASS
n78(3550-3700)	30	60	641666	81@40	DFT_QAM64	25.05	-3.56	21.49	33.01	PASS
n78(3550-3700)	30	60	641666	1@1	DFT_QAM64	24.97	-3.56	21.41	33.01	PASS
n78(3550-3700)	30	60	641666	1@160	DFT_QAM64	24.59	-3.56	21.03	33.01	PASS
n78(3550-3700)	30	60	641666	162@0	DFT_QAM64	24.96	-3.56	21.4	33.01	PASS
n78(3550-3700)	30	60	641666	81@40	DFT_QAM256	23.06	-3.56	19.5	33.01	PASS
n78(3550-3700)	30	60	641666	1@1	DFT_QAM256	23.19	-3.56	19.63	33.01	PASS
n78(3550-3700)	30	60	641666	1@160	DFT_QAM256	22.82	-3.56	19.26	33.01	PASS
n78(3550-3700)	30	60	641666	162@0	DFT_QAM256	23.02	-3.56	19.46	33.01	PASS
n78(3550-3700)	30	60	641666	81@40	CP_QPSK	25.99	-3.56	22.43	33.01	PASS

n78(3550-3700)	30	60	641666	1@1	CP_QPSK	25.81	-3.56	22.25	33.01	PASS
n78(3550-3700)	30	60	641666	1@160	CP_QPSK	25.54	-3.56	21.98	33.01	PASS
n78(3550-3700)	30	60	641666	162@0	CP_QPSK	24.45	-3.56	20.89	33.01	PASS
n78(3550-3700)	30	60	641666	81@40	CP_QAM16	25.52	-3.56	21.96	33.01	PASS
n78(3550-3700)	30	60	641666	1@1	CP_QAM16	25.52	-3.56	21.96	33.01	PASS
n78(3550-3700)	30	60	641666	1@160	CP_QAM16	25.49	-3.56	21.93	33.01	PASS
n78(3550-3700)	30	60	641666	162@0	CP_QAM16	24.47	-3.56	20.91	33.01	PASS
n78(3550-3700)	30	60	641666	81@40	CP_QAM64	24.05	-3.56	20.49	33.01	PASS
n78(3550-3700)	30	60	641666	1@1	CP_QAM64	24.19	-3.56	20.63	33.01	PASS
n78(3550-3700)	30	60	641666	1@160	CP_QAM64	24.03	-3.56	20.47	33.01	PASS
n78(3550-3700)	30	60	641666	162@0	CP_QAM64	24.01	-3.56	20.45	33.01	PASS
n78(3550-3700)	30	60	641666	81@40	CP_QAM256	21.12	-3.56	17.56	33.01	PASS
n78(3550-3700)	30	60	641666	1@1	CP_QAM256	21.03	-3.56	17.47	33.01	PASS
n78(3550-3700)	30	60	641666	1@160	CP_QAM256	20.66	-3.56	17.1	33.01	PASS
n78(3550-3700)	30	60	641666	162@0	CP_QAM256	21.1	-3.56	17.54	33.01	PASS
n78(3550-3700)	30	60	644666	81@40	DFT_BPSK	27.27	-3.56	23.71	33.01	PASS
n78(3550-3700)	30	60	644666	1@1	DFT_BPSK	27.12	-3.56	23.56	33.01	PASS
n78(3550-3700)	30	60	644666	1@160	DFT_BPSK	27.32	-3.56	23.76	33.01	PASS
n78(3550-3700)	30	60	644666	162@0	DFT_BPSK	26.81	-3.56	23.25	33.01	PASS
n78(3550-3700)	30	60	644666	81@40	DFT_QPSK	27.26	-3.56	23.7	33.01	PASS
n78(3550-3700)	30	60	644666	1@1	DFT_QPSK	27.02	-3.56	23.46	33.01	PASS
n78(3550-3700)	30	60	644666	1@160	DFT_QPSK	27.28	-3.56	23.72	33.01	PASS
n78(3550-3700)	30	60	644666	162@0	DFT_QPSK	26.27	-3.56	22.71	33.01	PASS
n78(3550-3700)	30	60	644666	81@40	DFT_QAM16	26.32	-3.56	22.76	33.01	PASS
n78(3550-3700)	30	60	644666	1@1	DFT_QAM16	26.43	-3.56	22.87	33.01	PASS
n78(3550-3700)	30	60	644666	1@160	DFT_QAM16	26.51	-3.56	22.95	33.01	PASS
n78(3550-3700)	30	60	644666	162@0	DFT_QAM16	25.28	-3.56	21.72	33.01	PASS
n78(3550-3700)	30	60	644666	81@40	DFT_QAM64	24.78	-3.56	21.22	33.01	PASS
n78(3550-3700)	30	60	644666	1@1	DFT_QAM64	24.48	-3.56	20.92	33.01	PASS
n78(3550-3700)	30	60	644666	1@160	DFT_QAM64	24.74	-3.56	21.18	33.01	PASS
n78(3550-3700)	30	60	644666	162@0	DFT_QAM64	24.81	-3.56	21.25	33.01	PASS
n78(3550-3700)	30	60	644666	81@40	DFT_QAM256	22.84	-3.56	19.28	33.01	PASS
n78(3550-3700)	30	60	644666	1@1	DFT_QAM256	22.73	-3.56	19.17	33.01	PASS
n78(3550-3700)	30	60	644666	1@160	DFT_QAM256	23.04	-3.56	19.48	33.01	PASS
n78(3550-3700)	30	60	644666	162@0	DFT_QAM256	22.84	-3.56	19.28	33.01	PASS
n78(3550-3700)	30	60	644666	81@40	CP_QPSK	25.74	-3.56	22.18	33.01	PASS
n78(3550-3700)	30	60	644666	1@1	CP_QPSK	25.61	-3.56	22.05	33.01	PASS
n78(3550-3700)	30	60	644666	1@160	CP_QPSK	25.79	-3.56	22.23	33.01	PASS
n78(3550-3700)	30	60	644666	162@0	CP_QPSK	24.27	-3.56	20.71	33.01	PASS
n78(3550-3700)	30	60	644666	81@40	CP_QAM16	25.24	-3.56	21.68	33.01	PASS
n78(3550-3700)	30	60	644666	1@1	CP_QAM16	25.16	-3.56	21.6	33.01	PASS
n78(3550-3700)	30	60	644666	1@160	CP_QAM16	25.75	-3.56	22.19	33.01	PASS
n78(3550-3700)	30	60	644666	162@0	CP_QAM16	24.34	-3.56	20.78	33.01	PASS

n78(3550-3700)	30	60	644666	81@40	CP_QAM64	23.77	-3.56	20.21	33.01	PASS
n78(3550-3700)	30	60	644666	1@1	CP_QAM64	24.33	-3.56	20.77	33.01	PASS
n78(3550-3700)	30	60	644666	1@160	CP_QAM64	24.09	-3.56	20.53	33.01	PASS
n78(3550-3700)	30	60	644666	162@0	CP_QAM64	23.79	-3.56	20.23	33.01	PASS
n78(3550-3700)	30	60	644666	81@40	CP_QAM256	20.88	-3.56	17.32	33.01	PASS
n78(3550-3700)	30	60	644666	1@1	CP_QAM256	20.6	-3.56	17.04	33.01	PASS
n78(3550-3700)	30	60	644666	1@160	CP_QAM256	20.87	-3.56	17.31	33.01	PASS
n78(3550-3700)	30	60	644666	162@0	CP_QAM256	20.9	-3.56	17.34	33.01	PASS
n78(3550-3700)	30	70	639000	90@45	DFT_BPSK	27.44	-3.56	23.88	33.01	PASS
n78(3550-3700)	30	70	639000	1@1	DFT_BPSK	27.47	-3.56	23.91	33.01	PASS
n78(3550-3700)	30	70	639000	1@187	DFT_BPSK	27.36	-3.56	23.8	33.01	PASS
n78(3550-3700)	30	70	639000	180@0	DFT_BPSK	27.23	-3.56	23.67	33.01	PASS
n78(3550-3700)	30	70	639000	90@45	DFT_QPSK	27.48	-3.56	23.92	33.01	PASS
n78(3550-3700)	30	70	639000	1@1	DFT_QPSK	27.25	-3.56	23.69	33.01	PASS
n78(3550-3700)	30	70	639000	1@187	DFT_QPSK	27.69	-3.56	24.13	33.01	PASS
n78(3550-3700)	30	70	639000	180@0	DFT_QPSK	25.82	-3.56	22.26	33.01	PASS
n78(3550-3700)	30	70	639000	90@45	DFT_QAM16	26.43	-3.56	22.87	33.01	PASS
n78(3550-3700)	30	70	639000	1@1	DFT_QAM16	26.6	-3.56	23.04	33.01	PASS
n78(3550-3700)	30	70	639000	1@187	DFT_QAM16	26.31	-3.56	22.75	33.01	PASS
n78(3550-3700)	30	70	639000	180@0	DFT_QAM16	25.12	-3.56	21.56	33.01	PASS
n78(3550-3700)	30	70	639000	90@45	DFT_QAM64	24.96	-3.56	21.4	33.01	PASS
n78(3550-3700)	30	70	639000	1@1	DFT_QAM64	25.25	-3.56	21.69	33.01	PASS
n78(3550-3700)	30	70	639000	1@187	DFT_QAM64	24.91	-3.56	21.35	33.01	PASS
n78(3550-3700)	30	70	639000	180@0	DFT_QAM64	24.84	-3.56	21.28	33.01	PASS
n78(3550-3700)	30	70	639000	90@45	DFT_QAM256	23.22	-3.56	19.66	33.01	PASS
n78(3550-3700)	30	70	639000	1@1	DFT_QAM256	22.73	-3.56	19.17	33.01	PASS
n78(3550-3700)	30	70	639000	1@187	DFT_QAM256	22.41	-3.56	18.85	33.01	PASS
n78(3550-3700)	30	70	639000	180@0	DFT_QAM256	22.57	-3.56	19.01	33.01	PASS
n78(3550-3700)	30	70	639000	95@47	CP_QPSK	25.82	-3.56	22.26	33.01	PASS
n78(3550-3700)	30	70	639000	1@1	CP_QPSK	25.5	-3.56	21.94	33.01	PASS
n78(3550-3700)	30	70	639000	1@187	CP_QPSK	25.56	-3.56	22	33.01	PASS
n78(3550-3700)	30	70	639000	189@0	CP_QPSK	23.99	-3.56	20.43	33.01	PASS
n78(3550-3700)	30	70	639000	95@47	CP_QAM16	25.36	-3.56	21.8	33.01	PASS
n78(3550-3700)	30	70	639000	1@1	CP_QAM16	25.38	-3.56	21.82	33.01	PASS
n78(3550-3700)	30	70	639000	1@187	CP_QAM16	25.98	-3.56	22.42	33.01	PASS
n78(3550-3700)	30	70	639000	189@0	CP_QAM16	24.06	-3.56	20.5	33.01	PASS
n78(3550-3700)	30	70	639000	95@47	CP_QAM64	24.23	-3.56	20.67	33.01	PASS
n78(3550-3700)	30	70	639000	1@1	CP_QAM64	25.13	-3.56	21.57	33.01	PASS
n78(3550-3700)	30	70	639000	1@187	CP_QAM64	24.46	-3.56	20.9	33.01	PASS
n78(3550-3700)	30	70	639000	189@0	CP_QAM64	24.23	-3.56	20.67	33.01	PASS
n78(3550-3700)	30	70	639000	95@47	CP_QAM256	20.9	-3.56	17.34	33.01	PASS
n78(3550-3700)	30	70	639000	1@1	CP_QAM256	21.36	-3.56	17.8	33.01	PASS
n78(3550-3700)	30	70	639000	1@187	CP_QAM256	20.96	-3.56	17.4	33.01	PASS

n78(3550-3700)	30	70	639000	189@0	CP_QAM256	20.64	-3.56	17.08	33.01	PASS
n78(3550-3700)	30	70	641666	90@45	DFT_BPSK	27.46	-3.56	23.9	33.01	PASS
n78(3550-3700)	30	70	641666	1@1	DFT_BPSK	27.6	-3.56	24.04	33.01	PASS
n78(3550-3700)	30	70	641666	1@187	DFT_BPSK	27.4	-3.56	23.84	33.01	PASS
n78(3550-3700)	30	70	641666	180@0	DFT_BPSK	26.67	-3.56	23.11	33.01	PASS
n78(3550-3700)	30	70	641666	90@45	DFT_QPSK	27.76	-3.56	24.2	33.01	PASS
n78(3550-3700)	30	70	641666	1@1	DFT_QPSK	27.1	-3.56	23.54	33.01	PASS
n78(3550-3700)	30	70	641666	1@187	DFT_QPSK	27.46	-3.56	23.9	33.01	PASS
n78(3550-3700)	30	70	641666	180@0	DFT_QPSK	26.13	-3.56	22.57	33.01	PASS
n78(3550-3700)	30	70	641666	90@45	DFT_QAM16	26.19	-3.56	22.63	33.01	PASS
n78(3550-3700)	30	70	641666	1@1	DFT_QAM16	27.03	-3.56	23.47	33.01	PASS
n78(3550-3700)	30	70	641666	1@187	DFT_QAM16	26.58	-3.56	23.02	33.01	PASS
n78(3550-3700)	30	70	641666	180@0	DFT_QAM16	25.59	-3.56	22.03	33.01	PASS
n78(3550-3700)	30	70	641666	90@45	DFT_QAM64	25.36	-3.56	21.8	33.01	PASS
n78(3550-3700)	30	70	641666	1@1	DFT_QAM64	24.92	-3.56	21.36	33.01	PASS
n78(3550-3700)	30	70	641666	1@187	DFT_QAM64	24.42	-3.56	20.86	33.01	PASS
n78(3550-3700)	30	70	641666	180@0	DFT_QAM64	25.35	-3.56	21.79	33.01	PASS
n78(3550-3700)	30	70	641666	90@45	DFT_QAM256	23.19	-3.56	19.63	33.01	PASS
n78(3550-3700)	30	70	641666	1@1	DFT_QAM256	23.44	-3.56	19.88	33.01	PASS
n78(3550-3700)	30	70	641666	1@187	DFT_QAM256	22.65	-3.56	19.09	33.01	PASS
n78(3550-3700)	30	70	641666	180@0	DFT_QAM256	23.24	-3.56	19.68	33.01	PASS
n78(3550-3700)	30	70	641666	95@47	CP_QPSK	26.13	-3.56	22.57	33.01	PASS
n78(3550-3700)	30	70	641666	1@1	CP_QPSK	25.51	-3.56	21.95	33.01	PASS
n78(3550-3700)	30	70	641666	1@187	CP_QPSK	25.5	-3.56	21.94	33.01	PASS
n78(3550-3700)	30	70	641666	189@0	CP_QPSK	24.2	-3.56	20.64	33.01	PASS
n78(3550-3700)	30	70	641666	95@47	CP_QAM16	25.16	-3.56	21.6	33.01	PASS
n78(3550-3700)	30	70	641666	1@1	CP_QAM16	25.81	-3.56	22.25	33.01	PASS
n78(3550-3700)	30	70	641666	1@187	CP_QAM16	26.2	-3.56	22.64	33.01	PASS
n78(3550-3700)	30	70	641666	189@0	CP_QAM16	24.63	-3.56	21.07	33.01	PASS
n78(3550-3700)	30	70	641666	95@47	CP_QAM64	23.92	-3.56	20.36	33.01	PASS
n78(3550-3700)	30	70	641666	1@1	CP_QAM64	24.19	-3.56	20.63	33.01	PASS
n78(3550-3700)	30	70	641666	1@187	CP_QAM64	24.35	-3.56	20.79	33.01	PASS
n78(3550-3700)	30	70	641666	189@0	CP_QAM64	24.08	-3.56	20.52	33.01	PASS
n78(3550-3700)	30	70	641666	95@47	CP_QAM256	20.78	-3.56	17.22	33.01	PASS
n78(3550-3700)	30	70	641666	1@1	CP_QAM256	21.02	-3.56	17.46	33.01	PASS
n78(3550-3700)	30	70	641666	1@187	CP_QAM256	21.66	-3.56	18.1	33.01	PASS
n78(3550-3700)	30	70	641666	189@0	CP_QAM256	20.9	-3.56	17.34	33.01	PASS
n78(3550-3700)	30	70	644332	90@45	DFT_BPSK	27.61	-3.56	24.05	33.01	PASS
n78(3550-3700)	30	70	644332	1@1	DFT_BPSK	27.41	-3.56	23.85	33.01	PASS
n78(3550-3700)	30	70	644332	1@187	DFT_BPSK	27.58	-3.56	24.02	33.01	PASS
n78(3550-3700)	30	70	644332	180@0	DFT_BPSK	26.84	-3.56	23.28	33.01	PASS
n78(3550-3700)	30	70	644332	90@45	DFT_QPSK	27.77	-3.56	24.21	33.01	PASS
n78(3550-3700)	30	70	644332	1@1	DFT_QPSK	27.21	-3.56	23.65	33.01	PASS

n78(3550-3700)	30	70	644332	1@187	DFT_QPSK	27.28	-3.56	23.72	33.01	PASS
n78(3550-3700)	30	70	644332	180@0	DFT_QPSK	26.82	-3.56	23.26	33.01	PASS
n78(3550-3700)	30	70	644332	90@45	DFT_QAM16	26.84	-3.56	23.28	33.01	PASS
n78(3550-3700)	30	70	644332	1@1	DFT_QAM16	27.01	-3.56	23.45	33.01	PASS
n78(3550-3700)	30	70	644332	1@187	DFT_QAM16	26.44	-3.56	22.88	33.01	PASS
n78(3550-3700)	30	70	644332	180@0	DFT_QAM16	25.9	-3.56	22.34	33.01	PASS
n78(3550-3700)	30	70	644332	90@45	DFT_QAM64	25.24	-3.56	21.68	33.01	PASS
n78(3550-3700)	30	70	644332	1@1	DFT_QAM64	24.77	-3.56	21.21	33.01	PASS
n78(3550-3700)	30	70	644332	1@187	DFT_QAM64	24.41	-3.56	20.85	33.01	PASS
n78(3550-3700)	30	70	644332	180@0	DFT_QAM64	24.78	-3.56	21.22	33.01	PASS
n78(3550-3700)	30	70	644332	90@45	DFT_QAM256	23.36	-3.56	19.8	33.01	PASS
n78(3550-3700)	30	70	644332	1@1	DFT_QAM256	23.26	-3.56	19.7	33.01	PASS
n78(3550-3700)	30	70	644332	1@187	DFT_QAM256	23.42	-3.56	19.86	33.01	PASS
n78(3550-3700)	30	70	644332	180@0	DFT_QAM256	23.26	-3.56	19.7	33.01	PASS
n78(3550-3700)	30	70	644332	95@47	CP_QPSK	25.57	-3.56	22.01	33.01	PASS
n78(3550-3700)	30	70	644332	1@1	CP_QPSK	25.82	-3.56	22.26	33.01	PASS
n78(3550-3700)	30	70	644332	1@187	CP_QPSK	26.23	-3.56	22.67	33.01	PASS
n78(3550-3700)	30	70	644332	189@0	CP_QPSK	23.86	-3.56	20.3	33.01	PASS
n78(3550-3700)	30	70	644332	95@47	CP_QAM16	25.53	-3.56	21.97	33.01	PASS
n78(3550-3700)	30	70	644332	1@1	CP_QAM16	25.09	-3.56	21.53	33.01	PASS
n78(3550-3700)	30	70	644332	1@187	CP_QAM16	25.87	-3.56	22.31	33.01	PASS
n78(3550-3700)	30	70	644332	189@0	CP_QAM16	24.87	-3.56	21.31	33.01	PASS
n78(3550-3700)	30	70	644332	95@47	CP_QAM64	23.58	-3.56	20.02	33.01	PASS
n78(3550-3700)	30	70	644332	1@1	CP_QAM64	24.85	-3.56	21.29	33.01	PASS
n78(3550-3700)	30	70	644332	1@187	CP_QAM64	25.01	-3.56	21.45	33.01	PASS
n78(3550-3700)	30	70	644332	189@0	CP_QAM64	24.23	-3.56	20.67	33.01	PASS
n78(3550-3700)	30	70	644332	95@47	CP_QAM256	21.47	-3.56	17.91	33.01	PASS
n78(3550-3700)	30	70	644332	1@1	CP_QAM256	21.31	-3.56	17.75	33.01	PASS
n78(3550-3700)	30	70	644332	1@187	CP_QAM256	20.8	-3.56	17.24	33.01	PASS
n78(3550-3700)	30	70	644332	189@0	CP_QAM256	21.12	-3.56	17.56	33.01	PASS
n78(3550-3700)	30	80	639334	108@54	DFT_BPSK	27.46	-3.56	23.9	33.01	PASS
n78(3550-3700)	30	80	639334	1@1	DFT_BPSK	27.21	-3.56	23.65	33.01	PASS
n78(3550-3700)	30	80	639334	1@215	DFT_BPSK	27.33	-3.56	23.77	33.01	PASS
n78(3550-3700)	30	80	639334	216@0	DFT_BPSK	26.92	-3.56	23.36	33.01	PASS
n78(3550-3700)	30	80	639334	108@54	DFT_QPSK	27.47	-3.56	23.91	33.01	PASS
n78(3550-3700)	30	80	639334	1@1	DFT_QPSK	27.17	-3.56	23.61	33.01	PASS
n78(3550-3700)	30	80	639334	1@215	DFT_QPSK	27.26	-3.56	23.7	33.01	PASS
n78(3550-3700)	30	80	639334	216@0	DFT_QPSK	26.47	-3.56	22.91	33.01	PASS
n78(3550-3700)	30	80	639334	108@54	DFT_QAM16	26.49	-3.56	22.93	33.01	PASS
n78(3550-3700)	30	80	639334	1@1	DFT_QAM16	26.33	-3.56	22.77	33.01	PASS
n78(3550-3700)	30	80	639334	1@215	DFT_QAM16	26.51	-3.56	22.95	33.01	PASS
n78(3550-3700)	30	80	639334	216@0	DFT_QAM16	25.46	-3.56	21.9	33.01	PASS
n78(3550-3700)	30	80	639334	108@54	DFT_QAM64	25.05	-3.56	21.49	33.01	PASS

n78(3550-3700)	30	80	639334	1@1	DFT_QAM64	25.03	-3.56	21.47	33.01	PASS
n78(3550-3700)	30	80	639334	1@215	DFT_QAM64	25.15	-3.56	21.59	33.01	PASS
n78(3550-3700)	30	80	639334	216@0	DFT_QAM64	24.99	-3.56	21.43	33.01	PASS
n78(3550-3700)	30	80	639334	108@54	DFT_QAM256	23.08	-3.56	19.52	33.01	PASS
n78(3550-3700)	30	80	639334	1@1	DFT_QAM256	22.96	-3.56	19.4	33.01	PASS
n78(3550-3700)	30	80	639334	1@215	DFT_QAM256	23	-3.56	19.44	33.01	PASS
n78(3550-3700)	30	80	639334	216@0	DFT_QAM256	22.96	-3.56	19.4	33.01	PASS
n78(3550-3700)	30	80	639334	109@54	CP_QPSK	25.96	-3.56	22.4	33.01	PASS
n78(3550-3700)	30	80	639334	1@1	CP_QPSK	25.69	-3.56	22.13	33.01	PASS
n78(3550-3700)	30	80	639334	1@215	CP_QPSK	25.85	-3.56	22.29	33.01	PASS
n78(3550-3700)	30	80	639334	217@0	CP_QPSK	24.44	-3.56	20.88	33.01	PASS
n78(3550-3700)	30	80	639334	109@54	CP_QAM16	25.46	-3.56	21.9	33.01	PASS
n78(3550-3700)	30	80	639334	1@1	CP_QAM16	25.18	-3.56	21.62	33.01	PASS
n78(3550-3700)	30	80	639334	1@215	CP_QAM16	25.26	-3.56	21.7	33.01	PASS
n78(3550-3700)	30	80	639334	217@0	CP_QAM16	24.42	-3.56	20.86	33.01	PASS
n78(3550-3700)	30	80	639334	109@54	CP_QAM64	23.97	-3.56	20.41	33.01	PASS
n78(3550-3700)	30	80	639334	1@1	CP_QAM64	24.41	-3.56	20.85	33.01	PASS
n78(3550-3700)	30	80	639334	1@215	CP_QAM64	24.59	-3.56	21.03	33.01	PASS
n78(3550-3700)	30	80	639334	217@0	CP_QAM64	23.93	-3.56	20.37	33.01	PASS
n78(3550-3700)	30	80	639334	109@54	CP_QAM256	21.23	-3.56	17.67	33.01	PASS
n78(3550-3700)	30	80	639334	1@1	CP_QAM256	20.83	-3.56	17.27	33.01	PASS
n78(3550-3700)	30	80	639334	1@215	CP_QAM256	20.8	-3.56	17.24	33.01	PASS
n78(3550-3700)	30	80	639334	217@0	CP_QAM256	21.16	-3.56	17.6	33.01	PASS
n78(3550-3700)	30	80	641666	108@54	DFT_BPSK	27.42	-3.56	23.86	33.01	PASS
n78(3550-3700)	30	80	641666	1@1	DFT_BPSK	27.42	-3.56	23.86	33.01	PASS
n78(3550-3700)	30	80	641666	1@215	DFT_BPSK	27.19	-3.56	23.63	33.01	PASS
n78(3550-3700)	30	80	641666	216@0	DFT_BPSK	26.89	-3.56	23.33	33.01	PASS
n78(3550-3700)	30	80	641666	108@54	DFT_QPSK	27.43	-3.56	23.87	33.01	PASS
n78(3550-3700)	30	80	641666	1@1	DFT_QPSK	27.38	-3.56	23.82	33.01	PASS
n78(3550-3700)	30	80	641666	1@215	DFT_QPSK	27.13	-3.56	23.57	33.01	PASS
n78(3550-3700)	30	80	641666	216@0	DFT_QPSK	26.4	-3.56	22.84	33.01	PASS
n78(3550-3700)	30	80	641666	108@54	DFT_QAM16	26.48	-3.56	22.92	33.01	PASS
n78(3550-3700)	30	80	641666	1@1	DFT_QAM16	26.44	-3.56	22.88	33.01	PASS
n78(3550-3700)	30	80	641666	1@215	DFT_QAM16	26.29	-3.56	22.73	33.01	PASS
n78(3550-3700)	30	80	641666	216@0	DFT_QAM16	25.37	-3.56	21.81	33.01	PASS
n78(3550-3700)	30	80	641666	108@54	DFT_QAM64	25.03	-3.56	21.47	33.01	PASS
n78(3550-3700)	30	80	641666	1@1	DFT_QAM64	25.25	-3.56	21.69	33.01	PASS
n78(3550-3700)	30	80	641666	1@215	DFT_QAM64	24.67	-3.56	21.11	33.01	PASS
n78(3550-3700)	30	80	641666	216@0	DFT_QAM64	24.89	-3.56	21.33	33.01	PASS
n78(3550-3700)	30	80	641666	108@54	DFT_QAM256	22.96	-3.56	19.4	33.01	PASS
n78(3550-3700)	30	80	641666	1@1	DFT_QAM256	23.1	-3.56	19.54	33.01	PASS
n78(3550-3700)	30	80	641666	1@215	DFT_QAM256	22.96	-3.56	19.4	33.01	PASS
n78(3550-3700)	30	80	641666	216@0	DFT_QAM256	22.97	-3.56	19.41	33.01	PASS

n78(3550-3700)	30	80	641666	109@54	CP_QPSK	25.91	-3.56	22.35	33.01	PASS
n78(3550-3700)	30	80	641666	1@1	CP_QPSK	25.98	-3.56	22.42	33.01	PASS
n78(3550-3700)	30	80	641666	1@215	CP_QPSK	25.71	-3.56	22.15	33.01	PASS
n78(3550-3700)	30	80	641666	217@0	CP_QPSK	24.37	-3.56	20.81	33.01	PASS
n78(3550-3700)	30	80	641666	109@54	CP_QAM16	25.42	-3.56	21.86	33.01	PASS
n78(3550-3700)	30	80	641666	1@1	CP_QAM16	25.82	-3.56	22.26	33.01	PASS
n78(3550-3700)	30	80	641666	1@215	CP_QAM16	25.14	-3.56	21.58	33.01	PASS
n78(3550-3700)	30	80	641666	217@0	CP_QAM16	24.37	-3.56	20.81	33.01	PASS
n78(3550-3700)	30	80	641666	109@54	CP_QAM64	23.97	-3.56	20.41	33.01	PASS
n78(3550-3700)	30	80	641666	1@1	CP_QAM64	24.1	-3.56	20.54	33.01	PASS
n78(3550-3700)	30	80	641666	1@215	CP_QAM64	23.76	-3.56	20.2	33.01	PASS
n78(3550-3700)	30	80	641666	217@0	CP_QAM64	23.85	-3.56	20.29	33.01	PASS
n78(3550-3700)	30	80	641666	109@54	CP_QAM256	21.18	-3.56	17.62	33.01	PASS
n78(3550-3700)	30	80	641666	1@1	CP_QAM256	20.88	-3.56	17.32	33.01	PASS
n78(3550-3700)	30	80	641666	1@215	CP_QAM256	20.86	-3.56	17.3	33.01	PASS
n78(3550-3700)	30	80	641666	217@0	CP_QAM256	21.16	-3.56	17.6	33.01	PASS
n78(3550-3700)	30	80	644000	108@54	DFT_BPSK	27.17	-3.56	23.61	33.01	PASS
n78(3550-3700)	30	80	644000	1@1	DFT_BPSK	27.41	-3.56	23.85	33.01	PASS
n78(3550-3700)	30	80	644000	1@215	DFT_BPSK	27.32	-3.56	23.76	33.01	PASS
n78(3550-3700)	30	80	644000	216@0	DFT_BPSK	26.7	-3.56	23.14	33.01	PASS
n78(3550-3700)	30	80	644000	108@54	DFT_QPSK	27.18	-3.56	23.62	33.01	PASS
n78(3550-3700)	30	80	644000	1@1	DFT_QPSK	27.33	-3.56	23.77	33.01	PASS
n78(3550-3700)	30	80	644000	1@215	DFT_QPSK	27.35	-3.56	23.79	33.01	PASS
n78(3550-3700)	30	80	644000	216@0	DFT_QPSK	26.24	-3.56	22.68	33.01	PASS
n78(3550-3700)	30	80	644000	108@54	DFT_QAM16	26.19	-3.56	22.63	33.01	PASS
n78(3550-3700)	30	80	644000	1@1	DFT_QAM16	26.43	-3.56	22.87	33.01	PASS
n78(3550-3700)	30	80	644000	1@215	DFT_QAM16	26.54	-3.56	22.98	33.01	PASS
n78(3550-3700)	30	80	644000	216@0	DFT_QAM16	25.23	-3.56	21.67	33.01	PASS
n78(3550-3700)	30	80	644000	108@54	DFT_QAM64	24.71	-3.56	21.15	33.01	PASS
n78(3550-3700)	30	80	644000	1@1	DFT_QAM64	24.83	-3.56	21.27	33.01	PASS
n78(3550-3700)	30	80	644000	1@215	DFT_QAM64	24.83	-3.56	21.27	33.01	PASS
n78(3550-3700)	30	80	644000	216@0	DFT_QAM64	24.73	-3.56	21.17	33.01	PASS
n78(3550-3700)	30	80	644000	108@54	DFT_QAM256	22.77	-3.56	19.21	33.01	PASS
n78(3550-3700)	30	80	644000	1@1	DFT_QAM256	23.16	-3.56	19.6	33.01	PASS
n78(3550-3700)	30	80	644000	1@215	DFT_QAM256	22.91	-3.56	19.35	33.01	PASS
n78(3550-3700)	30	80	644000	216@0	DFT_QAM256	22.79	-3.56	19.23	33.01	PASS
n78(3550-3700)	30	80	644000	109@54	CP_QPSK	25.63	-3.56	22.07	33.01	PASS
n78(3550-3700)	30	80	644000	1@1	CP_QPSK	25.89	-3.56	22.33	33.01	PASS
n78(3550-3700)	30	80	644000	1@215	CP_QPSK	25.88	-3.56	22.32	33.01	PASS
n78(3550-3700)	30	80	644000	217@0	CP_QPSK	24.18	-3.56	20.62	33.01	PASS
n78(3550-3700)	30	80	644000	109@54	CP_QAM16	25.2	-3.56	21.64	33.01	PASS
n78(3550-3700)	30	80	644000	1@1	CP_QAM16	25.77	-3.56	22.21	33.01	PASS
n78(3550-3700)	30	80	644000	1@215	CP_QAM16	25.26	-3.56	21.7	33.01	PASS

n78(3550-3700)	30	80	644000	217@0	CP_QAM16	24.21	-3.56	20.65	33.01	PASS
n78(3550-3700)	30	80	644000	109@54	CP_QAM64	23.69	-3.56	20.13	33.01	PASS
n78(3550-3700)	30	80	644000	1@1	CP_QAM64	23.92	-3.56	20.36	33.01	PASS
n78(3550-3700)	30	80	644000	1@215	CP_QAM64	23.87	-3.56	20.31	33.01	PASS
n78(3550-3700)	30	80	644000	217@0	CP_QAM64	23.77	-3.56	20.21	33.01	PASS
n78(3550-3700)	30	80	644000	109@54	CP_QAM256	20.88	-3.56	17.32	33.01	PASS
n78(3550-3700)	30	80	644000	1@1	CP_QAM256	21.02	-3.56	17.46	33.01	PASS
n78(3550-3700)	30	80	644000	1@215	CP_QAM256	20.69	-3.56	17.13	33.01	PASS
n78(3550-3700)	30	80	644000	217@0	CP_QAM256	20.96	-3.56	17.4	33.01	PASS
n78(3550-3700)	30	90	639668	120@60	DFT_BPSK	27.48	-3.56	23.92	33.01	PASS
n78(3550-3700)	30	90	639668	1@1	DFT_BPSK	27.15	-3.56	23.59	33.01	PASS
n78(3550-3700)	30	90	639668	1@243	DFT_BPSK	27.2	-3.56	23.64	33.01	PASS
n78(3550-3700)	30	90	639668	240@0	DFT_BPSK	26.93	-3.56	23.37	33.01	PASS
n78(3550-3700)	30	90	639668	120@60	DFT_QPSK	27.47	-3.56	23.91	33.01	PASS
n78(3550-3700)	30	90	639668	1@1	DFT_QPSK	27.17	-3.56	23.61	33.01	PASS
n78(3550-3700)	30	90	639668	1@243	DFT_QPSK	27.2	-3.56	23.64	33.01	PASS
n78(3550-3700)	30	90	639668	240@0	DFT_QPSK	26.47	-3.56	22.91	33.01	PASS
n78(3550-3700)	30	90	639668	120@60	DFT_QAM16	26.5	-3.56	22.94	33.01	PASS
n78(3550-3700)	30	90	639668	1@1	DFT_QAM16	26.3	-3.56	22.74	33.01	PASS
n78(3550-3700)	30	90	639668	1@243	DFT_QAM16	26.28	-3.56	22.72	33.01	PASS
n78(3550-3700)	30	90	639668	240@0	DFT_QAM16	25.38	-3.56	21.82	33.01	PASS
n78(3550-3700)	30	90	639668	120@60	DFT_QAM64	25	-3.56	21.44	33.01	PASS
n78(3550-3700)	30	90	639668	1@1	DFT_QAM64	24.7	-3.56	21.14	33.01	PASS
n78(3550-3700)	30	90	639668	1@243	DFT_QAM64	24.99	-3.56	21.43	33.01	PASS
n78(3550-3700)	30	90	639668	240@0	DFT_QAM64	24.96	-3.56	21.4	33.01	PASS
n78(3550-3700)	30	90	639668	120@60	DFT_QAM256	23.01	-3.56	19.45	33.01	PASS
n78(3550-3700)	30	90	639668	1@1	DFT_QAM256	22.78	-3.56	19.22	33.01	PASS
n78(3550-3700)	30	90	639668	1@243	DFT_QAM256	22.93	-3.56	19.37	33.01	PASS
n78(3550-3700)	30	90	639668	240@0	DFT_QAM256	23	-3.56	19.44	33.01	PASS
n78(3550-3700)	30	90	639668	123@61	CP_QPSK	25.95	-3.56	22.39	33.01	PASS
n78(3550-3700)	30	90	639668	1@1	CP_QPSK	25.69	-3.56	22.13	33.01	PASS
n78(3550-3700)	30	90	639668	1@243	CP_QPSK	25.65	-3.56	22.09	33.01	PASS
n78(3550-3700)	30	90	639668	245@0	CP_QPSK	24.4	-3.56	20.84	33.01	PASS
n78(3550-3700)	30	90	639668	123@61	CP_QAM16	25.41	-3.56	21.85	33.01	PASS
n78(3550-3700)	30	90	639668	1@1	CP_QAM16	25.07	-3.56	21.51	33.01	PASS
n78(3550-3700)	30	90	639668	1@243	CP_QAM16	25.61	-3.56	22.05	33.01	PASS
n78(3550-3700)	30	90	639668	245@0	CP_QAM16	24.47	-3.56	20.91	33.01	PASS
n78(3550-3700)	30	90	639668	123@61	CP_QAM64	24.06	-3.56	20.5	33.01	PASS
n78(3550-3700)	30	90	639668	1@1	CP_QAM64	24.53	-3.56	20.97	33.01	PASS
n78(3550-3700)	30	90	639668	1@243	CP_QAM64	24.4	-3.56	20.84	33.01	PASS
n78(3550-3700)	30	90	639668	245@0	CP_QAM64	23.92	-3.56	20.36	33.01	PASS
n78(3550-3700)	30	90	639668	123@61	CP_QAM256	21.23	-3.56	17.67	33.01	PASS
n78(3550-3700)	30	90	639668	1@1	CP_QAM256	20.56	-3.56	17	33.01	PASS

n78(3550-3700)	30	90	639668	1@243	CP_QAM256	20.78	-3.56	17.22	33.01	PASS
n78(3550-3700)	30	90	639668	245@0	CP_QAM256	21.15	-3.56	17.59	33.01	PASS
n78(3550-3700)	30	90	641666	120@60	DFT_BPSK	27.43	-3.56	23.87	33.01	PASS
n78(3550-3700)	30	90	641666	1@1	DFT_BPSK	27.31	-3.56	23.75	33.01	PASS
n78(3550-3700)	30	90	641666	1@243	DFT_BPSK	27.22	-3.56	23.66	33.01	PASS
n78(3550-3700)	30	90	641666	240@0	DFT_BPSK	26.93	-3.56	23.37	33.01	PASS
n78(3550-3700)	30	90	641666	120@60	DFT_QPSK	27.46	-3.56	23.9	33.01	PASS
n78(3550-3700)	30	90	641666	1@1	DFT_QPSK	27.31	-3.56	23.75	33.01	PASS
n78(3550-3700)	30	90	641666	1@243	DFT_QPSK	27.13	-3.56	23.57	33.01	PASS
n78(3550-3700)	30	90	641666	240@0	DFT_QPSK	26.4	-3.56	22.84	33.01	PASS
n78(3550-3700)	30	90	641666	120@60	DFT_QAM16	26.43	-3.56	22.87	33.01	PASS
n78(3550-3700)	30	90	641666	1@1	DFT_QAM16	26.39	-3.56	22.83	33.01	PASS
n78(3550-3700)	30	90	641666	1@243	DFT_QAM16	26.25	-3.56	22.69	33.01	PASS
n78(3550-3700)	30	90	641666	240@0	DFT_QAM16	25.36	-3.56	21.8	33.01	PASS
n78(3550-3700)	30	90	641666	120@60	DFT_QAM64	25	-3.56	21.44	33.01	PASS
n78(3550-3700)	30	90	641666	1@1	DFT_QAM64	24.84	-3.56	21.28	33.01	PASS
n78(3550-3700)	30	90	641666	1@243	DFT_QAM64	24.71	-3.56	21.15	33.01	PASS
n78(3550-3700)	30	90	641666	240@0	DFT_QAM64	24.91	-3.56	21.35	33.01	PASS
n78(3550-3700)	30	90	641666	120@60	DFT_QAM256	22.99	-3.56	19.43	33.01	PASS
n78(3550-3700)	30	90	641666	1@1	DFT_QAM256	23.01	-3.56	19.45	33.01	PASS
n78(3550-3700)	30	90	641666	1@243	DFT_QAM256	23.06	-3.56	19.5	33.01	PASS
n78(3550-3700)	30	90	641666	240@0	DFT_QAM256	23.02	-3.56	19.46	33.01	PASS
n78(3550-3700)	30	90	641666	123@61	CP_QPSK	25.95	-3.56	22.39	33.01	PASS
n78(3550-3700)	30	90	641666	1@1	CP_QPSK	25.83	-3.56	22.27	33.01	PASS
n78(3550-3700)	30	90	641666	1@243	CP_QPSK	25.76	-3.56	22.2	33.01	PASS
n78(3550-3700)	30	90	641666	245@0	CP_QPSK	24.43	-3.56	20.87	33.01	PASS
n78(3550-3700)	30	90	641666	123@61	CP_QAM16	25.42	-3.56	21.86	33.01	PASS
n78(3550-3700)	30	90	641666	1@1	CP_QAM16	25.75	-3.56	22.19	33.01	PASS
n78(3550-3700)	30	90	641666	1@243	CP_QAM16	25.06	-3.56	21.5	33.01	PASS
n78(3550-3700)	30	90	641666	245@0	CP_QAM16	24.32	-3.56	20.76	33.01	PASS
n78(3550-3700)	30	90	641666	123@61	CP_QAM64	23.92	-3.56	20.36	33.01	PASS
n78(3550-3700)	30	90	641666	1@1	CP_QAM64	24.78	-3.56	21.22	33.01	PASS
n78(3550-3700)	30	90	641666	1@243	CP_QAM64	24.43	-3.56	20.87	33.01	PASS
n78(3550-3700)	30	90	641666	245@0	CP_QAM64	23.87	-3.56	20.31	33.01	PASS
n78(3550-3700)	30	90	641666	123@61	CP_QAM256	21.18	-3.56	17.62	33.01	PASS
n78(3550-3700)	30	90	641666	1@1	CP_QAM256	21.04	-3.56	17.48	33.01	PASS
n78(3550-3700)	30	90	641666	1@243	CP_QAM256	20.83	-3.56	17.27	33.01	PASS
n78(3550-3700)	30	90	641666	245@0	CP_QAM256	21.15	-3.56	17.59	33.01	PASS
n78(3550-3700)	30	90	643666	120@60	DFT_BPSK	27.18	-3.56	23.62	33.01	PASS
n78(3550-3700)	30	90	643666	1@1	DFT_BPSK	27.42	-3.56	23.86	33.01	PASS
n78(3550-3700)	30	90	643666	1@243	DFT_BPSK	27.33	-3.56	23.77	33.01	PASS
n78(3550-3700)	30	90	643666	240@0	DFT_BPSK	26.73	-3.56	23.17	33.01	PASS
n78(3550-3700)	30	90	643666	120@60	DFT_QPSK	27.23	-3.56	23.67	33.01	PASS

n78(3550-3700)	30	90	643666	1@1	DFT_QPSK	27.4	-3.56	23.84	33.01	PASS
n78(3550-3700)	30	90	643666	1@243	DFT_QPSK	27.35	-3.56	23.79	33.01	PASS
n78(3550-3700)	30	90	643666	240@0	DFT_QPSK	26.29	-3.56	22.73	33.01	PASS
n78(3550-3700)	30	90	643666	120@60	DFT_QAM16	26.13	-3.56	22.57	33.01	PASS
n78(3550-3700)	30	90	643666	1@1	DFT_QAM16	26.45	-3.56	22.89	33.01	PASS
n78(3550-3700)	30	90	643666	1@243	DFT_QAM16	26.39	-3.56	22.83	33.01	PASS
n78(3550-3700)	30	90	643666	240@0	DFT_QAM16	25.27	-3.56	21.71	33.01	PASS
n78(3550-3700)	30	90	643666	120@60	DFT_QAM64	24.78	-3.56	21.22	33.01	PASS
n78(3550-3700)	30	90	643666	1@1	DFT_QAM64	24.85	-3.56	21.29	33.01	PASS
n78(3550-3700)	30	90	643666	1@243	DFT_QAM64	25.16	-3.56	21.6	33.01	PASS
n78(3550-3700)	30	90	643666	240@0	DFT_QAM64	24.79	-3.56	21.23	33.01	PASS
n78(3550-3700)	30	90	643666	120@60	DFT_QAM256	22.78	-3.56	19.22	33.01	PASS
n78(3550-3700)	30	90	643666	1@1	DFT_QAM256	23	-3.56	19.44	33.01	PASS
n78(3550-3700)	30	90	643666	1@243	DFT_QAM256	23.07	-3.56	19.51	33.01	PASS
n78(3550-3700)	30	90	643666	240@0	DFT_QAM256	22.8	-3.56	19.24	33.01	PASS
n78(3550-3700)	30	90	643666	123@61	CP_QPSK	25.64	-3.56	22.08	33.01	PASS
n78(3550-3700)	30	90	643666	1@1	CP_QPSK	25.9	-3.56	22.34	33.01	PASS
n78(3550-3700)	30	90	643666	1@243	CP_QPSK	25.82	-3.56	22.26	33.01	PASS
n78(3550-3700)	30	90	643666	245@0	CP_QPSK	24.31	-3.56	20.75	33.01	PASS
n78(3550-3700)	30	90	643666	123@61	CP_QAM16	25.16	-3.56	21.6	33.01	PASS
n78(3550-3700)	30	90	643666	1@1	CP_QAM16	25.27	-3.56	21.71	33.01	PASS
n78(3550-3700)	30	90	643666	1@243	CP_QAM16	25.17	-3.56	21.61	33.01	PASS
n78(3550-3700)	30	90	643666	245@0	CP_QAM16	24.31	-3.56	20.75	33.01	PASS
n78(3550-3700)	30	90	643666	123@61	CP_QAM64	23.68	-3.56	20.12	33.01	PASS
n78(3550-3700)	30	90	643666	1@1	CP_QAM64	24.75	-3.56	21.19	33.01	PASS
n78(3550-3700)	30	90	643666	1@243	CP_QAM64	24.65	-3.56	21.09	33.01	PASS
n78(3550-3700)	30	90	643666	245@0	CP_QAM64	23.75	-3.56	20.19	33.01	PASS
n78(3550-3700)	30	90	643666	123@61	CP_QAM256	20.9	-3.56	17.34	33.01	PASS
n78(3550-3700)	30	90	643666	1@1	CP_QAM256	21.04	-3.56	17.48	33.01	PASS
n78(3550-3700)	30	90	643666	1@243	CP_QAM256	20.72	-3.56	17.16	33.01	PASS
n78(3550-3700)	30	90	643666	245@0	CP_QAM256	21.02	-3.56	17.46	33.01	PASS
n78(3550-3700)	30	100	640000	135@67	DFT_BPSK	27.46	-3.56	23.9	33.01	PASS
n78(3550-3700)	30	100	640000	1@1	DFT_BPSK	27.14	-3.56	23.58	33.01	PASS
n78(3550-3700)	30	100	640000	1@271	DFT_BPSK	27.08	-3.56	23.52	33.01	PASS
n78(3550-3700)	30	100	640000	270@0	DFT_BPSK	26.89	-3.56	23.33	33.01	PASS
n78(3550-3700)	30	100	640000	135@67	DFT_QPSK	27.54	-3.56	23.98	33.01	PASS
n78(3550-3700)	30	100	640000	1@1	DFT_QPSK	27.17	-3.56	23.61	33.01	PASS
n78(3550-3700)	30	100	640000	1@271	DFT_QPSK	27.01	-3.56	23.45	33.01	PASS
n78(3550-3700)	30	100	640000	270@0	DFT_QPSK	26.43	-3.56	22.87	33.01	PASS
n78(3550-3700)	30	100	640000	135@67	DFT_QAM16	26.51	-3.56	22.95	33.01	PASS
n78(3550-3700)	30	100	640000	1@1	DFT_QAM16	26.26	-3.56	22.7	33.01	PASS
n78(3550-3700)	30	100	640000	1@271	DFT_QAM16	26.09	-3.56	22.53	33.01	PASS
n78(3550-3700)	30	100	640000	270@0	DFT_QAM16	25.47	-3.56	21.91	33.01	PASS

n78(3550-3700)	30	100	640000	135@67	DFT_QAM64	25.08	-3.56	21.52	33.01	PASS
n78(3550-3700)	30	100	640000	1@1	DFT_QAM64	25.07	-3.56	21.51	33.01	PASS
n78(3550-3700)	30	100	640000	1@271	DFT_QAM64	25.03	-3.56	21.47	33.01	PASS
n78(3550-3700)	30	100	640000	270@0	DFT_QAM64	24.98	-3.56	21.42	33.01	PASS
n78(3550-3700)	30	100	640000	135@67	DFT_QAM256	23.07	-3.56	19.51	33.01	PASS
n78(3550-3700)	30	100	640000	1@1	DFT_QAM256	23.08	-3.56	19.52	33.01	PASS
n78(3550-3700)	30	100	640000	1@271	DFT_QAM256	22.75	-3.56	19.19	33.01	PASS
n78(3550-3700)	30	100	640000	270@0	DFT_QAM256	23.1	-3.56	19.54	33.01	PASS
n78(3550-3700)	30	100	640000	137@68	CP_QPSK	25.99	-3.56	22.43	33.01	PASS
n78(3550-3700)	30	100	640000	1@1	CP_QPSK	25.68	-3.56	22.12	33.01	PASS
n78(3550-3700)	30	100	640000	1@271	CP_QPSK	25.5	-3.56	21.94	33.01	PASS
n78(3550-3700)	30	100	640000	273@0	CP_QPSK	24.43	-3.56	20.87	33.01	PASS
n78(3550-3700)	30	100	640000	137@68	CP_QAM16	25.51	-3.56	21.95	33.01	PASS
n78(3550-3700)	30	100	640000	1@1	CP_QAM16	25.01	-3.56	21.45	33.01	PASS
n78(3550-3700)	30	100	640000	1@271	CP_QAM16	25.48	-3.56	21.92	33.01	PASS
n78(3550-3700)	30	100	640000	273@0	CP_QAM16	24.42	-3.56	20.86	33.01	PASS
n78(3550-3700)	30	100	640000	137@68	CP_QAM64	24.03	-3.56	20.47	33.01	PASS
n78(3550-3700)	30	100	640000	1@1	CP_QAM64	24.56	-3.56	21	33.01	PASS
n78(3550-3700)	30	100	640000	1@271	CP_QAM64	24.34	-3.56	20.78	33.01	PASS
n78(3550-3700)	30	100	640000	273@0	CP_QAM64	23.95	-3.56	20.39	33.01	PASS
n78(3550-3700)	30	100	640000	137@68	CP_QAM256	21.3	-3.56	17.74	33.01	PASS
n78(3550-3700)	30	100	640000	1@1	CP_QAM256	20.84	-3.56	17.28	33.01	PASS
n78(3550-3700)	30	100	640000	1@271	CP_QAM256	20.79	-3.56	17.23	33.01	PASS
n78(3550-3700)	30	100	640000	273@0	CP_QAM256	21.23	-3.56	17.67	33.01	PASS
n78(3550-3700)	30	100	641666	135@67	DFT_BPSK	27.39	-3.56	23.83	33.01	PASS
n78(3550-3700)	30	100	641666	1@1	DFT_BPSK	27.16	-3.56	23.6	33.01	PASS
n78(3550-3700)	30	100	641666	1@271	DFT_BPSK	27.2	-3.56	23.64	33.01	PASS
n78(3550-3700)	30	100	641666	270@0	DFT_BPSK	26.87	-3.56	23.31	33.01	PASS
n78(3550-3700)	30	100	641666	135@67	DFT_QPSK	27.44	-3.56	23.88	33.01	PASS
n78(3550-3700)	30	100	641666	1@1	DFT_QPSK	27.23	-3.56	23.67	33.01	PASS
n78(3550-3700)	30	100	641666	1@271	DFT_QPSK	27.28	-3.56	23.72	33.01	PASS
n78(3550-3700)	30	100	641666	270@0	DFT_QPSK	26.37	-3.56	22.81	33.01	PASS
n78(3550-3700)	30	100	641666	135@67	DFT_QAM16	26.44	-3.56	22.88	33.01	PASS
n78(3550-3700)	30	100	641666	1@1	DFT_QAM16	26.27	-3.56	22.71	33.01	PASS
n78(3550-3700)	30	100	641666	1@271	DFT_QAM16	26.29	-3.56	22.73	33.01	PASS
n78(3550-3700)	30	100	641666	270@0	DFT_QAM16	25.41	-3.56	21.85	33.01	PASS
n78(3550-3700)	30	100	641666	135@67	DFT_QAM64	24.96	-3.56	21.4	33.01	PASS
n78(3550-3700)	30	100	641666	1@1	DFT_QAM64	24.77	-3.56	21.21	33.01	PASS
n78(3550-3700)	30	100	641666	1@271	DFT_QAM64	25.21	-3.56	21.65	33.01	PASS
n78(3550-3700)	30	100	641666	270@0	DFT_QAM64	24.91	-3.56	21.35	33.01	PASS
n78(3550-3700)	30	100	641666	135@67	DFT_QAM256	23	-3.56	19.44	33.01	PASS
n78(3550-3700)	30	100	641666	1@1	DFT_QAM256	22.77	-3.56	19.21	33.01	PASS
n78(3550-3700)	30	100	641666	1@271	DFT_QAM256	22.89	-3.56	19.33	33.01	PASS

n78(3550-3700)	30	100	641666	270@0	DFT_QAM256	23	-3.56	19.44	33.01	PASS
n78(3550-3700)	30	100	641666	137@68	CP_QPSK	25.91	-3.56	22.35	33.01	PASS
n78(3550-3700)	30	100	641666	1@1	CP_QPSK	25.68	-3.56	22.12	33.01	PASS
n78(3550-3700)	30	100	641666	1@271	CP_QPSK	25.7	-3.56	22.14	33.01	PASS
n78(3550-3700)	30	100	641666	273@0	CP_QPSK	24.37	-3.56	20.81	33.01	PASS
n78(3550-3700)	30	100	641666	137@68	CP_QAM16	25.4	-3.56	21.84	33.01	PASS
n78(3550-3700)	30	100	641666	1@1	CP_QAM16	25.69	-3.56	22.13	33.01	PASS
n78(3550-3700)	30	100	641666	1@271	CP_QAM16	25.09	-3.56	21.53	33.01	PASS
n78(3550-3700)	30	100	641666	273@0	CP_QAM16	24.34	-3.56	20.78	33.01	PASS
n78(3550-3700)	30	100	641666	137@68	CP_QAM64	23.93	-3.56	20.37	33.01	PASS
n78(3550-3700)	30	100	641666	1@1	CP_QAM64	24.45	-3.56	20.89	33.01	PASS
n78(3550-3700)	30	100	641666	1@271	CP_QAM64	24.75	-3.56	21.19	33.01	PASS
n78(3550-3700)	30	100	641666	273@0	CP_QAM64	23.88	-3.56	20.32	33.01	PASS
n78(3550-3700)	30	100	641666	137@68	CP_QAM256	21.16	-3.56	17.6	33.01	PASS
n78(3550-3700)	30	100	641666	1@1	CP_QAM256	20.98	-3.56	17.42	33.01	PASS
n78(3550-3700)	30	100	641666	1@271	CP_QAM256	20.9	-3.56	17.34	33.01	PASS
n78(3550-3700)	30	100	641666	273@0	CP_QAM256	21.19	-3.56	17.63	33.01	PASS
n78(3550-3700)	30	100	643332	135@67	DFT_BPSK	27.12	-3.56	23.56	33.01	PASS
n78(3550-3700)	30	100	643332	1@1	DFT_BPSK	27.36	-3.56	23.8	33.01	PASS
n78(3550-3700)	30	100	643332	1@271	DFT_BPSK	27.24	-3.56	23.68	33.01	PASS
n78(3550-3700)	30	100	643332	270@0	DFT_BPSK	26.72	-3.56	23.16	33.01	PASS
n78(3550-3700)	30	100	643332	135@67	DFT_QPSK	27.21	-3.56	23.65	33.01	PASS
n78(3550-3700)	30	100	643332	1@1	DFT_QPSK	27.43	-3.56	23.87	33.01	PASS
n78(3550-3700)	30	100	643332	1@271	DFT_QPSK	27.26	-3.56	23.7	33.01	PASS
n78(3550-3700)	30	100	643332	270@0	DFT_QPSK	26.31	-3.56	22.75	33.01	PASS
n78(3550-3700)	30	100	643332	135@67	DFT_QAM16	26.22	-3.56	22.66	33.01	PASS
n78(3550-3700)	30	100	643332	1@1	DFT_QAM16	26.57	-3.56	23.01	33.01	PASS
n78(3550-3700)	30	100	643332	1@271	DFT_QAM16	26.5	-3.56	22.94	33.01	PASS
n78(3550-3700)	30	100	643332	270@0	DFT_QAM16	25.33	-3.56	21.77	33.01	PASS
n78(3550-3700)	30	100	643332	135@67	DFT_QAM64	24.75	-3.56	21.19	33.01	PASS
n78(3550-3700)	30	100	643332	1@1	DFT_QAM64	25.13	-3.56	21.57	33.01	PASS
n78(3550-3700)	30	100	643332	1@271	DFT_QAM64	25.18	-3.56	21.62	33.01	PASS
n78(3550-3700)	30	100	643332	270@0	DFT_QAM64	24.82	-3.56	21.26	33.01	PASS
n78(3550-3700)	30	100	643332	135@67	DFT_QAM256	22.8	-3.56	19.24	33.01	PASS
n78(3550-3700)	30	100	643332	1@1	DFT_QAM256	23.05	-3.56	19.49	33.01	PASS
n78(3550-3700)	30	100	643332	1@271	DFT_QAM256	23.04	-3.56	19.48	33.01	PASS
n78(3550-3700)	30	100	643332	270@0	DFT_QAM256	22.9	-3.56	19.34	33.01	PASS
n78(3550-3700)	30	100	643332	137@68	CP_QPSK	25.64	-3.56	22.08	33.01	PASS
n78(3550-3700)	30	100	643332	1@1	CP_QPSK	25.92	-3.56	22.36	33.01	PASS
n78(3550-3700)	30	100	643332	1@271	CP_QPSK	25.79	-3.56	22.23	33.01	PASS
n78(3550-3700)	30	100	643332	273@0	CP_QPSK	24.29	-3.56	20.73	33.01	PASS
n78(3550-3700)	30	100	643332	137@68	CP_QAM16	25.19	-3.56	21.63	33.01	PASS
n78(3550-3700)	30	100	643332	1@1	CP_QAM16	25.36	-3.56	21.8	33.01	PASS

n78(3550-3700)	30	100	643332	1@271	CP_QAM16	25.17	-3.56	21.61	33.01	PASS
n78(3550-3700)	30	100	643332	273@0	CP_QAM16	24.28	-3.56	20.72	33.01	PASS
n78(3550-3700)	30	100	643332	137@68	CP_QAM64	23.73	-3.56	20.17	33.01	PASS
n78(3550-3700)	30	100	643332	1@1	CP_QAM64	24.21	-3.56	20.65	33.01	PASS
n78(3550-3700)	30	100	643332	1@271	CP_QAM64	23.96	-3.56	20.4	33.01	PASS
n78(3550-3700)	30	100	643332	273@0	CP_QAM64	23.73	-3.56	20.17	33.01	PASS
n78(3550-3700)	30	100	643332	137@68	CP_QAM256	20.91	-3.56	17.35	33.01	PASS
n78(3550-3700)	30	100	643332	1@1	CP_QAM256	21.07	-3.56	17.51	33.01	PASS
n78(3550-3700)	30	100	643332	1@271	CP_QAM256	21.01	-3.56	17.45	33.01	PASS
n78(3550-3700)	30	100	643332	273@0	CP_QAM256	21.04	-3.56	17.48	33.01	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
n78(3550-3700)	30	100	641666	135@67	DFT_BPSK	3.91	-10.98	0.00	Within authorized band for 5G NR n78	PASS
n78(3550-3700)	30	100	641666	135@67	DFT_BPSK	3.45	-7.21	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_BPSK	4.50	-8.34	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_QPSK	3.91	-7.82	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_QPSK	3.45	-6.44	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_QPSK	4.50	-9.71	0.00		PASS

Note: Only the worst case shown in the report.

NV:

Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Voltage (Vdc)	Result(Hz)	Result (ppm)	Limit (ppm)	Verdict
n78(3550-3700)	30	100	641666	135@67	DFT_BPSK	-30	-10.91	0.00	Within authorized band for 5G NR n78	PASS
n78(3550-3700)	30	100	641666	135@67	DFT_BPSK	-20	-11.01	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_BPSK	-10	-12.02	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_BPSK	0	-10.24	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_BPSK	10	-12.64	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_BPSK	20	-9.36	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_BPSK	30	-11.74	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_BPSK	40	-13.72	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_BPSK	50	-12.44	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_QPSK	-30	-11.38	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_QPSK	-20	-14.06	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_QPSK	-10	-13.28	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_QPSK	0	-12.63	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_QPSK	10	-11.8	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_QPSK	20	-12.77	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_QPSK	30	-13.5	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_QPSK	40	-11.19	0.00		PASS
n78(3550-3700)	30	100	641666	135@67	DFT_QPSK	50	-14.62	0.00		PASS

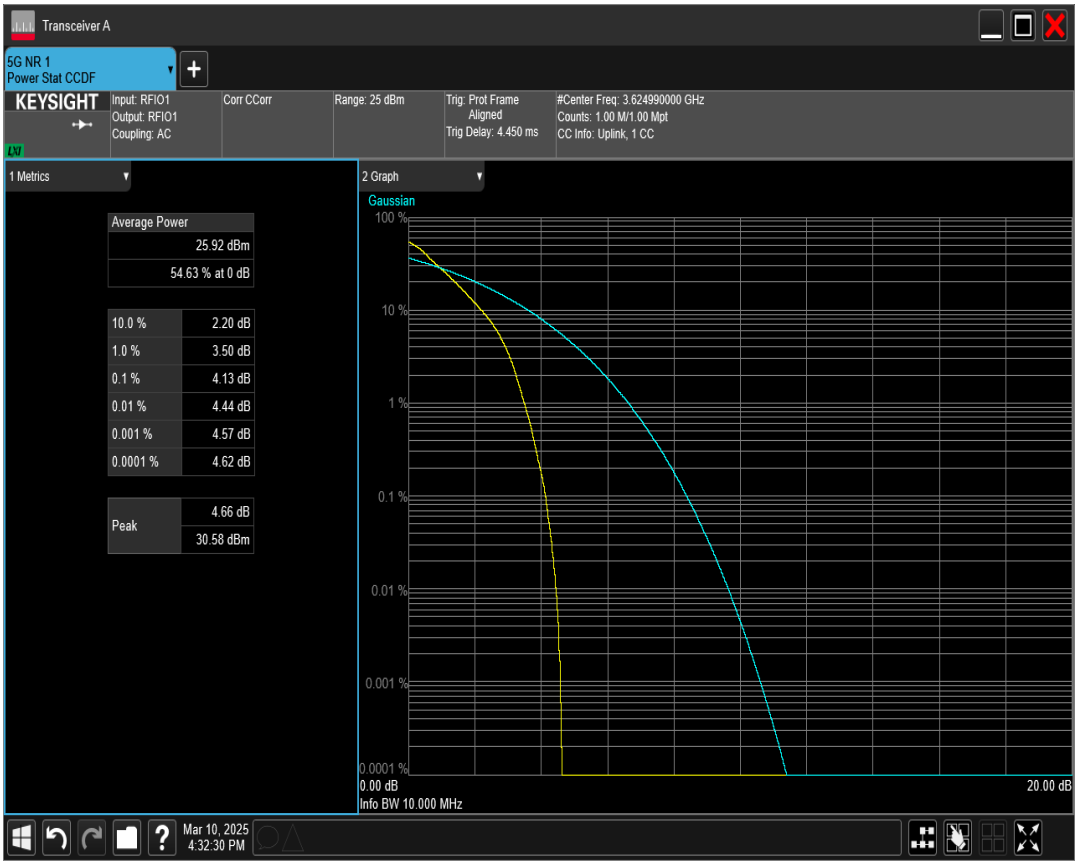
Note: Only the worst case shown in the report.

3 Peak-to-Average Ratio for NR FR1

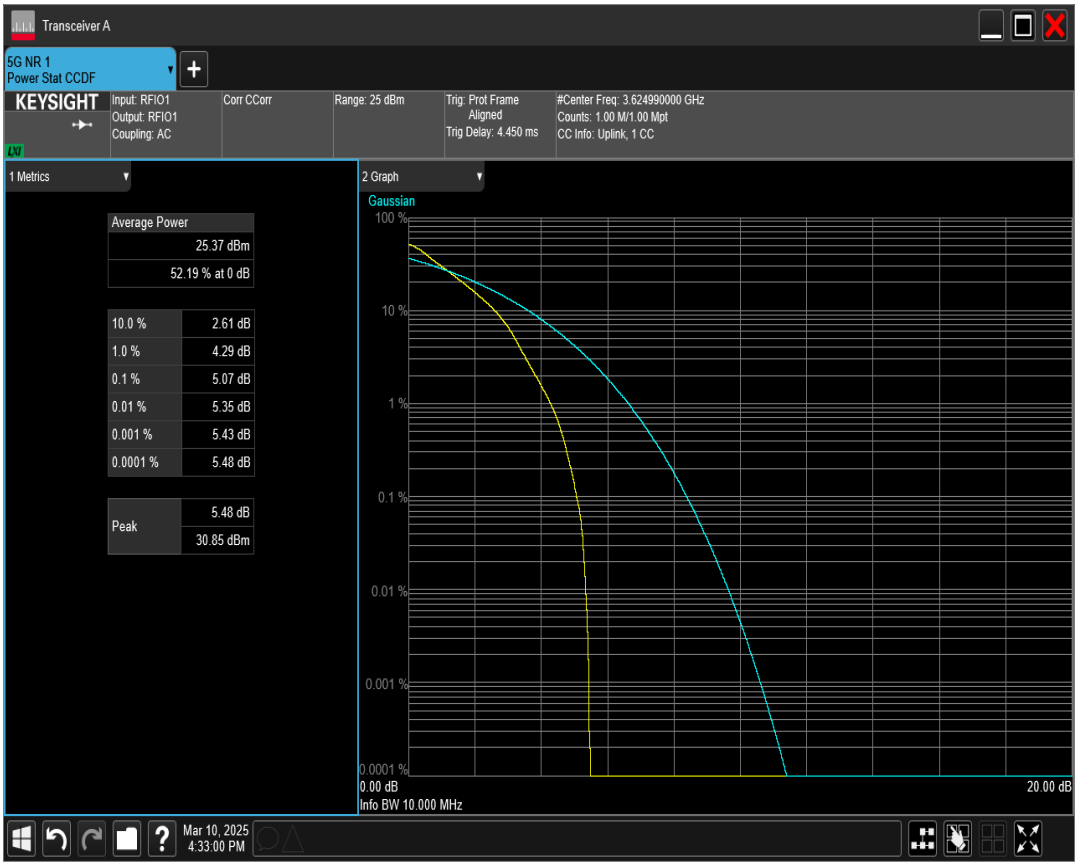
Band	SCS (kHz)	Bandwidth (MHz)	UL Channel	RB Allocation	Modulation	Result (dB)	high Limit (dB)	Verdict
n78(3550-3700)	30	10	641666	24@0	DFT_BPSK	4.13	13	PASS
n78(3550-3700)	30	10	641666	24@0	DFT_QPSK	5.07	13	PASS
n78(3550-3700)	30	10	641666	24@0	DFT_QAM16	5.75	13	PASS
n78(3550-3700)	30	10	641666	24@0	DFT_QAM64	6.17	13	PASS
n78(3550-3700)	30	10	641666	24@0	DFT_QAM256	6.80	13	PASS
n78(3550-3700)	30	15	641666	36@0	DFT_BPSK	4.10	13	PASS
n78(3550-3700)	30	15	641666	36@0	DFT_QPSK	5.08	13	PASS
n78(3550-3700)	30	15	641666	36@0	DFT_QAM16	9.02	13	PASS
n78(3550-3700)	30	15	641666	36@0	DFT_QAM64	6.13	13	PASS
n78(3550-3700)	30	15	641666	36@0	DFT_QAM256	6.66	13	PASS
n78(3550-3700)	30	20	641666	50@0	DFT_BPSK	4.18	13	PASS
n78(3550-3700)	30	20	641666	50@0	DFT_QPSK	5.23	13	PASS
n78(3550-3700)	30	20	641666	50@0	DFT_QAM16	5.87	13	PASS
n78(3550-3700)	30	20	641666	50@0	DFT_QAM64	6.24	13	PASS
n78(3550-3700)	30	20	641666	50@0	DFT_QAM256	6.70	13	PASS
n78(3550-3700)	30	40	641666	100@0	DFT_BPSK	4.22	13	PASS
n78(3550-3700)	30	40	641666	100@0	DFT_QPSK	5.23	13	PASS
n78(3550-3700)	30	40	641666	100@0	DFT_QAM16	6.02	13	PASS
n78(3550-3700)	30	40	641666	100@0	DFT_QAM64	6.22	13	PASS
n78(3550-3700)	30	40	641666	100@0	DFT_QAM256	6.74	13	PASS
n78(3550-3700)	30	50	641666	128@0	DFT_BPSK	4.57	13	PASS
n78(3550-3700)	30	50	641666	128@0	DFT_QPSK	5.30	13	PASS
n78(3550-3700)	30	50	641666	128@0	DFT_QAM16	6.03	13	PASS
n78(3550-3700)	30	50	641666	128@0	DFT_QAM64	6.20	13	PASS
n78(3550-3700)	30	50	641666	128@0	DFT_QAM256	6.80	13	PASS
n78(3550-3700)	30	60	641666	162@0	DFT_BPSK	4.22	13	PASS
n78(3550-3700)	30	60	641666	162@0	DFT_QPSK	5.20	13	PASS
n78(3550-3700)	30	60	641666	162@0	DFT_QAM16	6.03	13	PASS
n78(3550-3700)	30	60	641666	162@0	DFT_QAM64	6.23	13	PASS
n78(3550-3700)	30	60	641666	162@0	DFT_QAM256	6.76	13	PASS
n78(3550-3700)	30	70	641666	180@0	DFT_BPSK	4.46	13	PASS
n78(3550-3700)	30	70	641666	180@0	DFT_QPSK	5.45	13	PASS
n78(3550-3700)	30	70	641666	180@0	DFT_QAM16	6.15	13	PASS
n78(3550-3700)	30	70	641666	180@0	DFT_QAM64	6.39	13	PASS
n78(3550-3700)	30	70	641666	180@0	DFT_QAM256	6.74	13	PASS
n78(3550-3700)	30	80	641666	216@0	DFT_BPSK	4.36	13	PASS
n78(3550-3700)	30	80	641666	216@0	DFT_QPSK	5.35	13	PASS
n78(3550-3700)	30	80	641666	216@0	DFT_QAM16	6.14	13	PASS
n78(3550-3700)	30	80	641666	216@0	DFT_QAM64	6.34	13	PASS

n78(3550-3700)	30	80	641666	216@0	DFT_QAM256	6.70	13	PASS
n78(3550-3700)	30	90	641666	240@0	DFT_BPSK	4.32	13	PASS
n78(3550-3700)	30	90	641666	240@0	DFT_QPSK	5.41	13	PASS
n78(3550-3700)	30	90	641666	240@0	DFT_QAM16	6.07	13	PASS
n78(3550-3700)	30	90	641666	240@0	DFT_QAM64	6.32	13	PASS
n78(3550-3700)	30	90	641666	240@0	DFT_QAM256	6.76	13	PASS
n78(3550-3700)	30	100	641666	270@0	DFT_BPSK	4.61	13	PASS
n78(3550-3700)	30	100	641666	270@0	DFT_QPSK	5.44	13	PASS
n78(3550-3700)	30	100	641666	270@0	DFT_QAM16	6.19	13	PASS
n78(3550-3700)	30	100	641666	270@0	DFT_QAM64	6.54	13	PASS
n78(3550-3700)	30	100	641666	270@0	DFT_QAM256	6.75	13	PASS

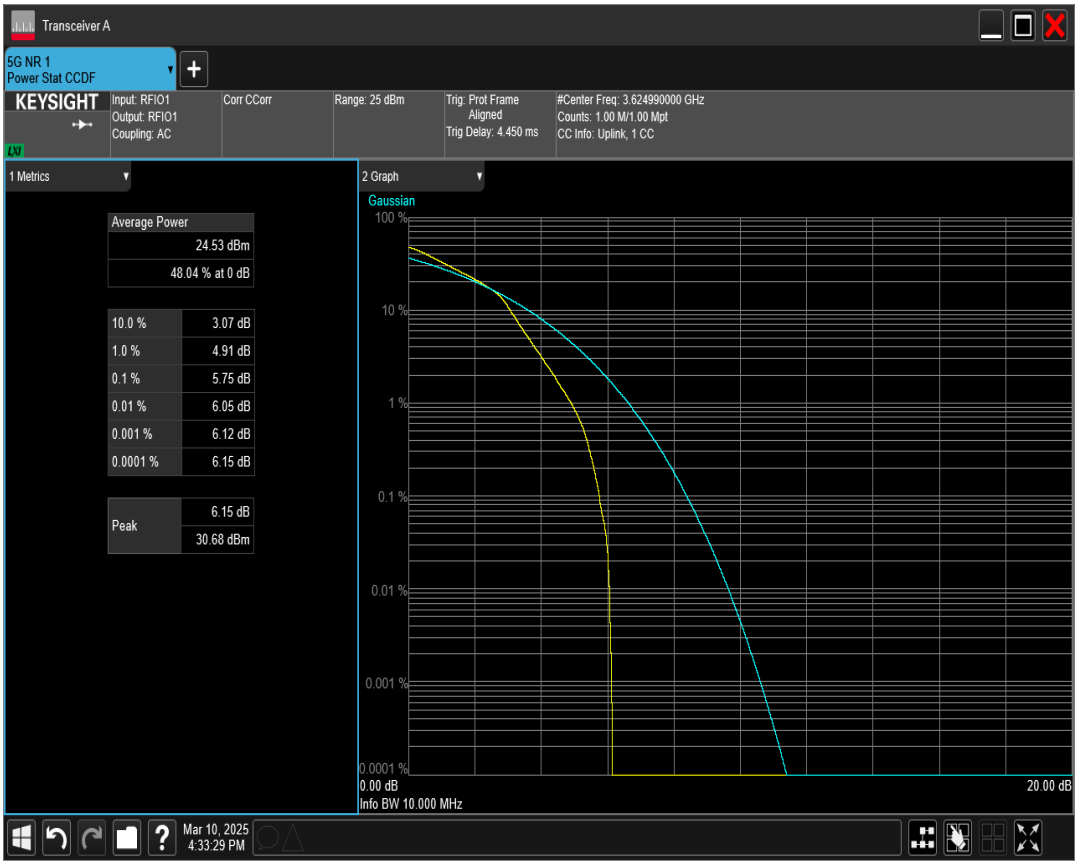
n78(3550-3700) SCS=30kHz DFT_BPSK BW=10MHz Channel=641666 RB=24@0



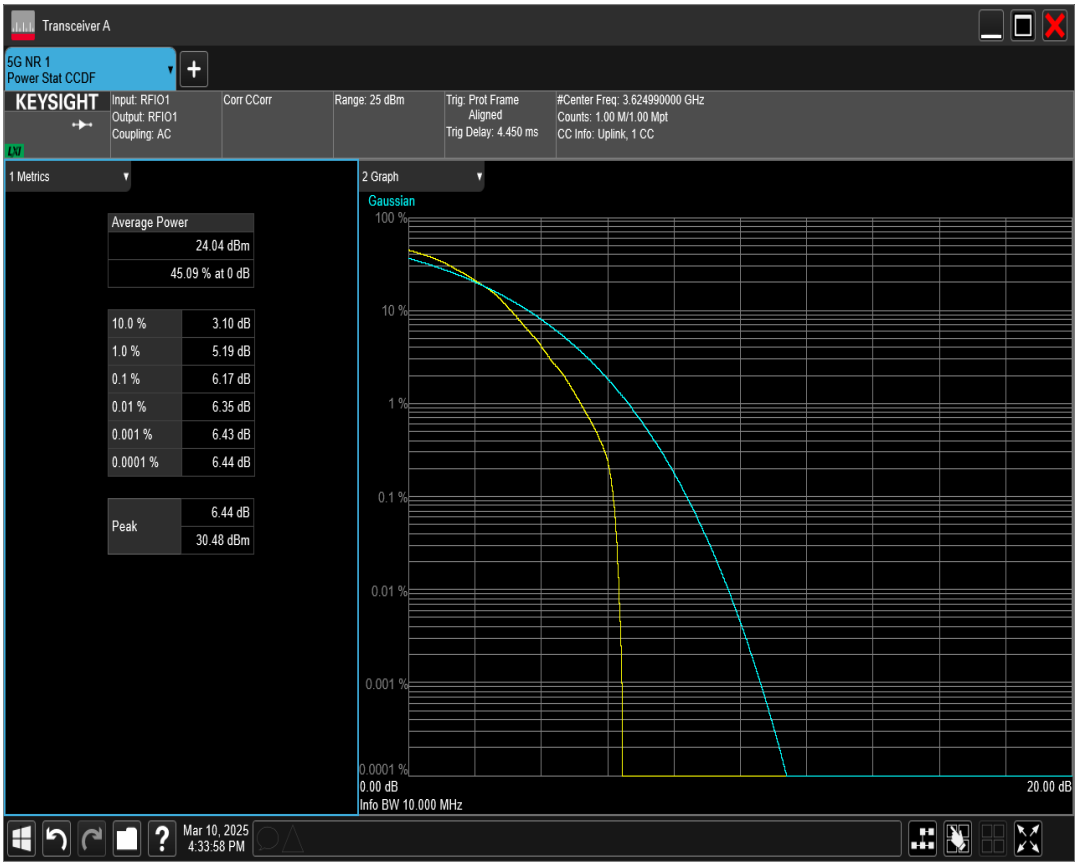
n78(3550-3700) SCS=30kHz DFT_QPSK BW=10MHz Channel=641666 RB=24@0



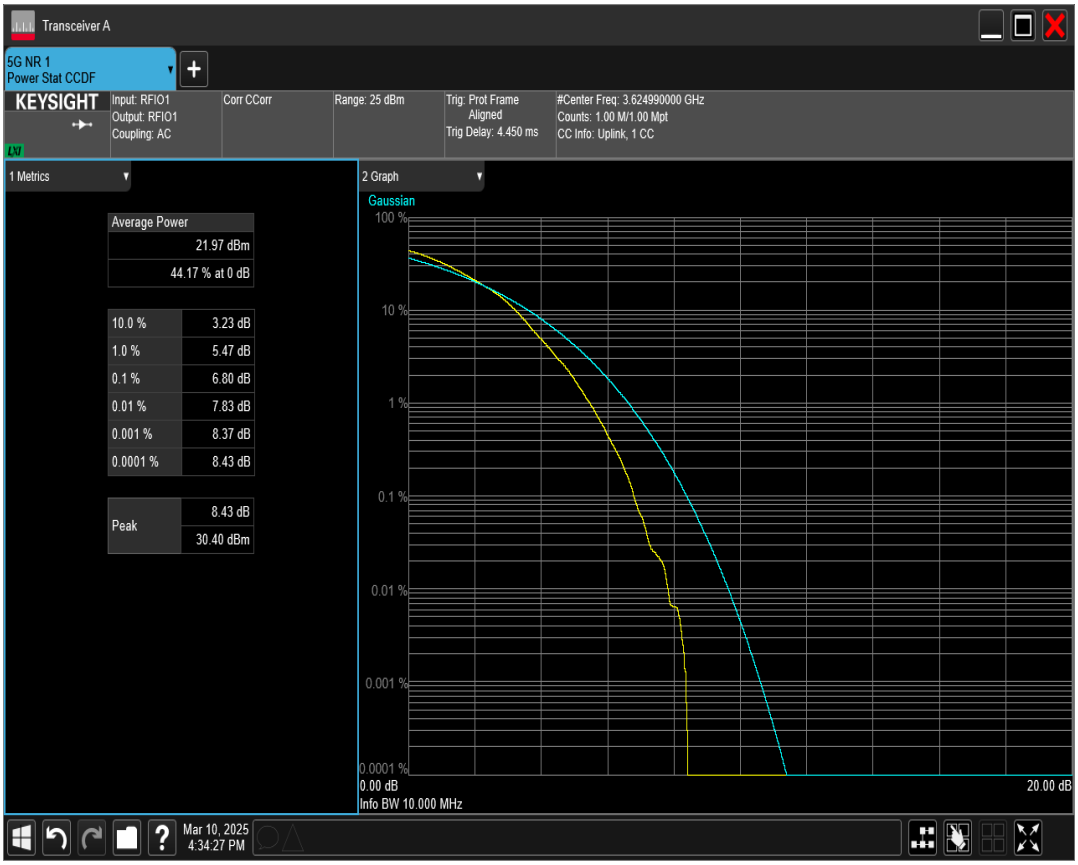
n78(3550-3700) SCS=30kHz DFT_QAM16 BW=10MHz Channel=641666 RB=24@0



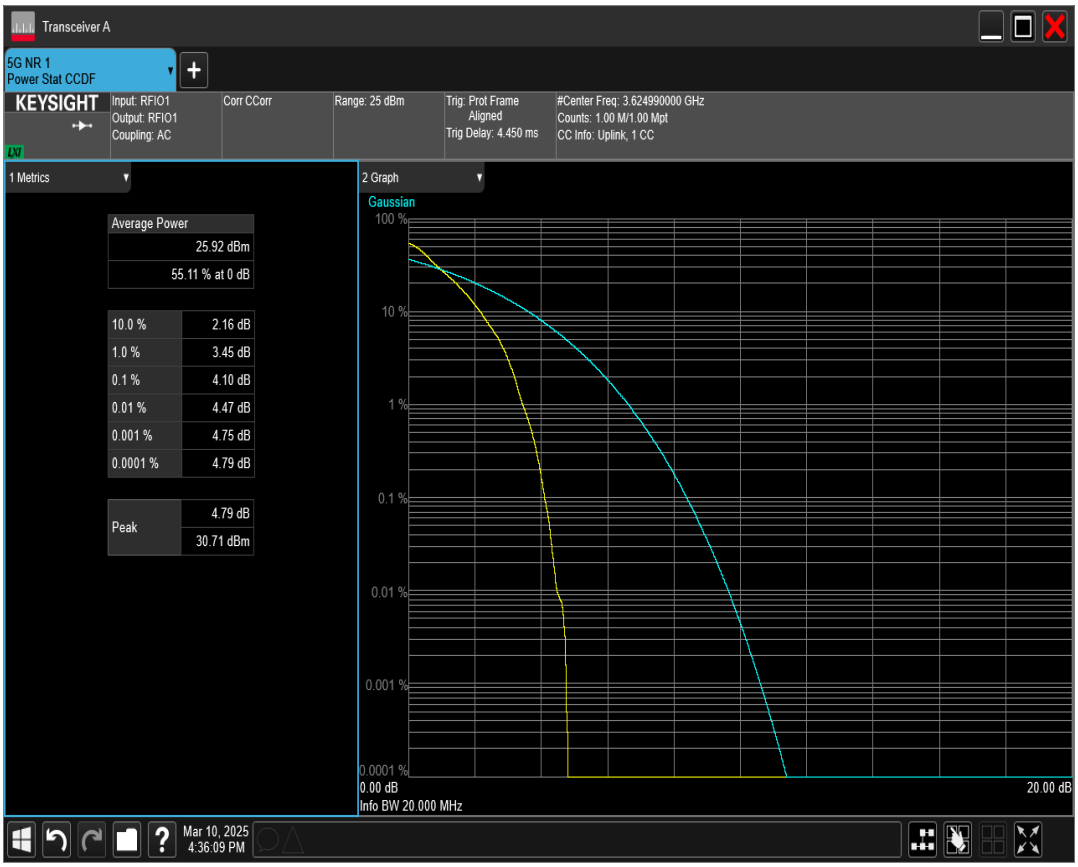
n78(3550-3700) SCS=30kHz DFT_QAM64 BW=10MHz Channel=641666 RB=24@0



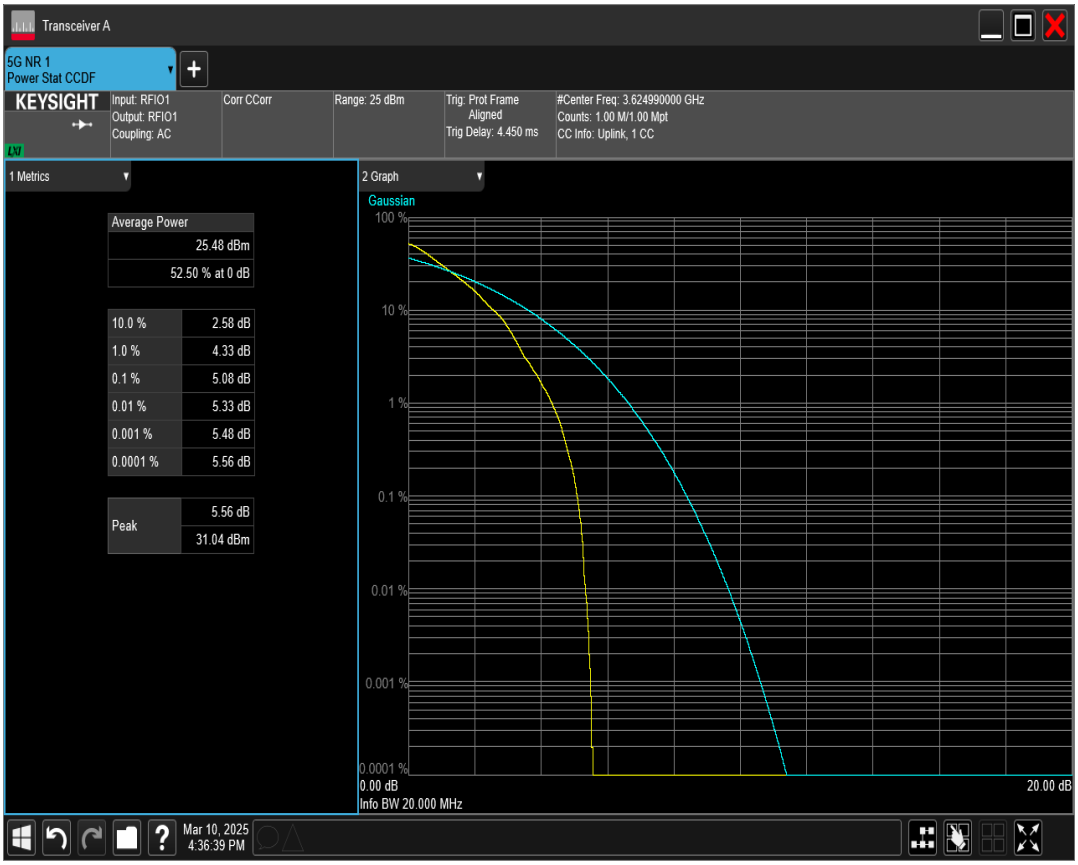
n78(3550-3700) SCS=30kHz DFT_QAM256 BW=10MHz Channel=641666 RB=24@0



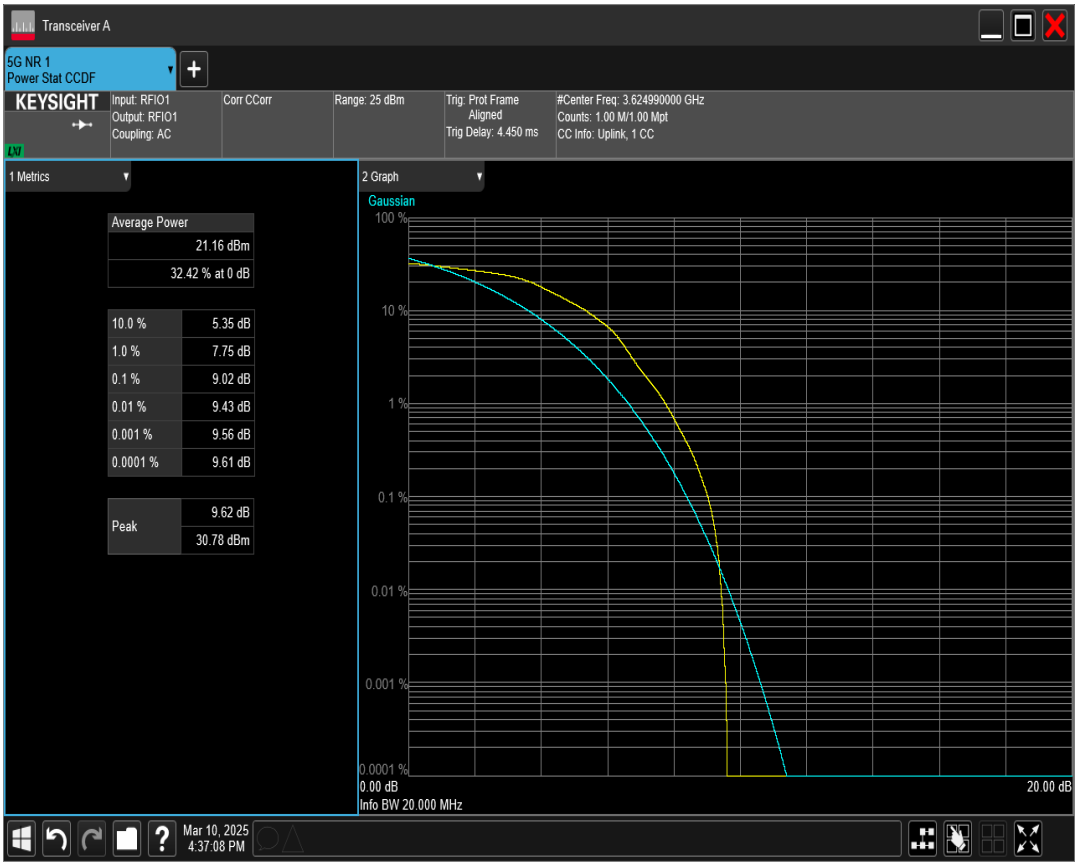
n78(3550-3700) SCS=30kHz DFT_BPSK BW=15MHz Channel=641666 RB=36@0



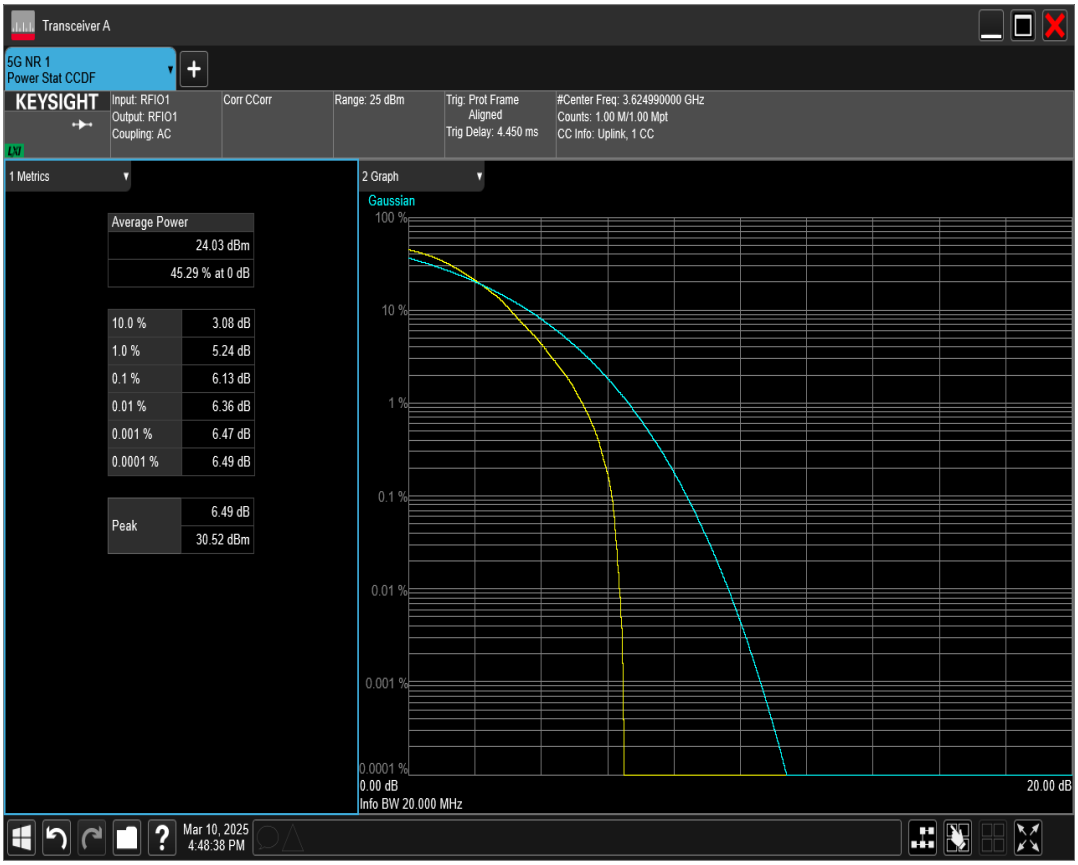
n78(3550-3700) SCS=30kHz DFT_QPSK BW=15MHz Channel=641666 RB=36@0



n78(3550-3700) SCS=30kHz DFT_QAM16 BW=15MHz Channel=641666 RB=36@0



n78(3550-3700) SCS=30kHz DFT_QAM64 BW=15MHz Channel=641666 RB=36@0



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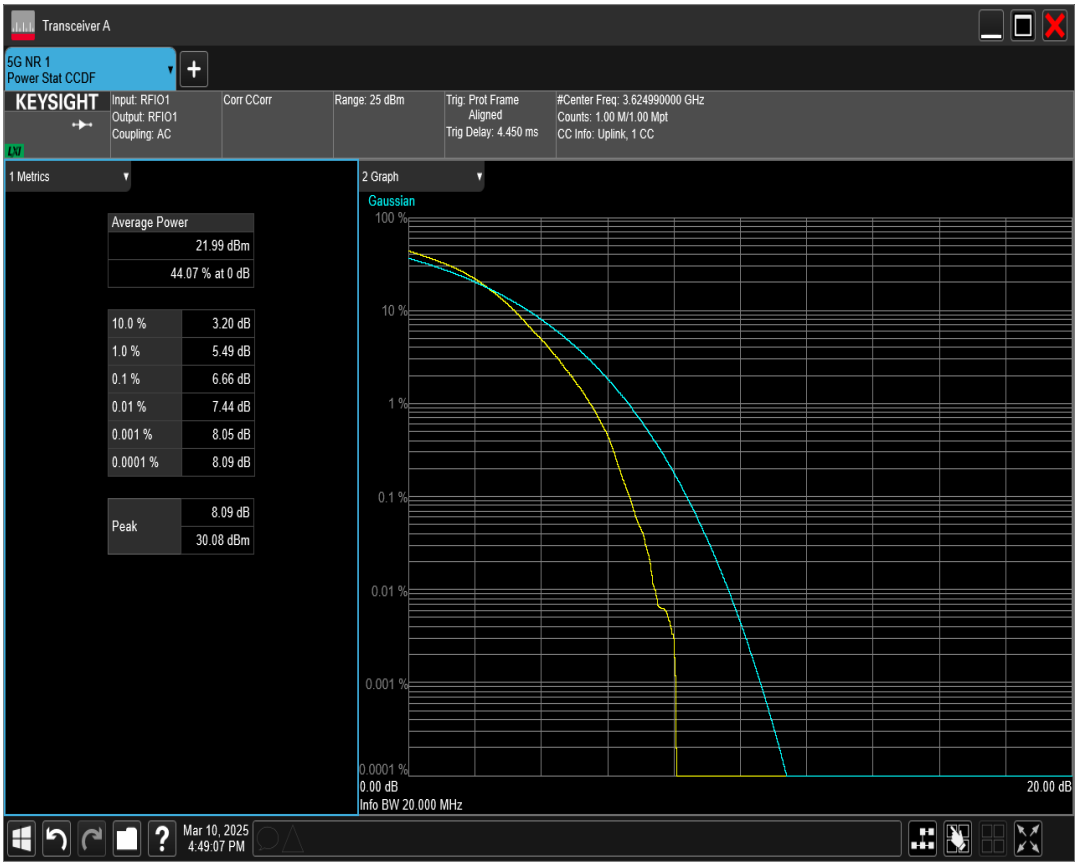

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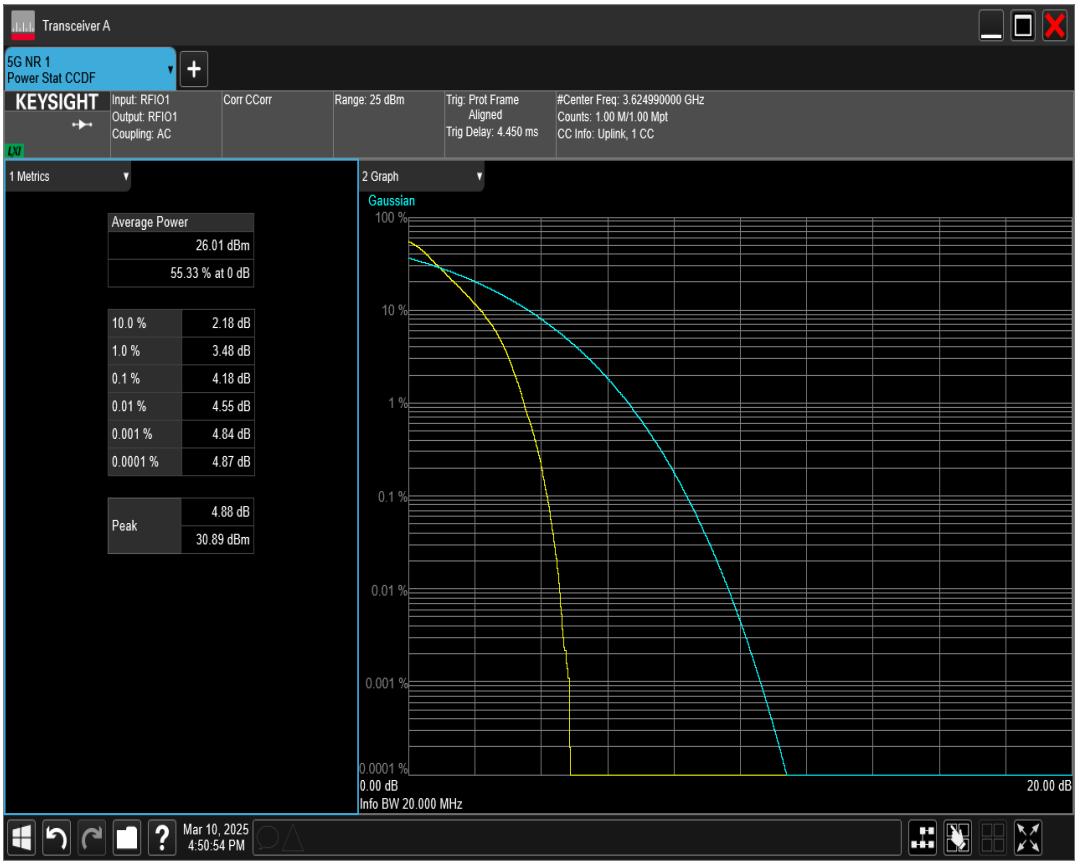
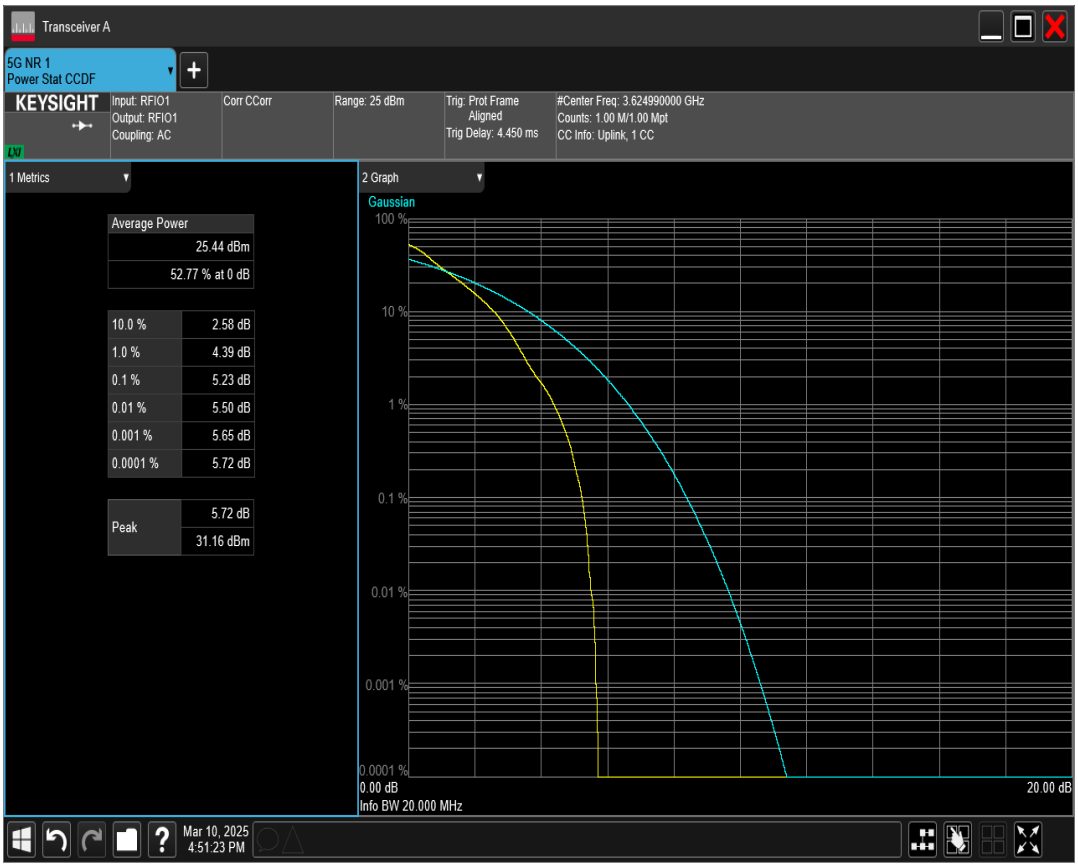


n78(3550-3700) SCS=30kHz DFT_QPSK BW=20MHz Channel=641666 RB=50@0



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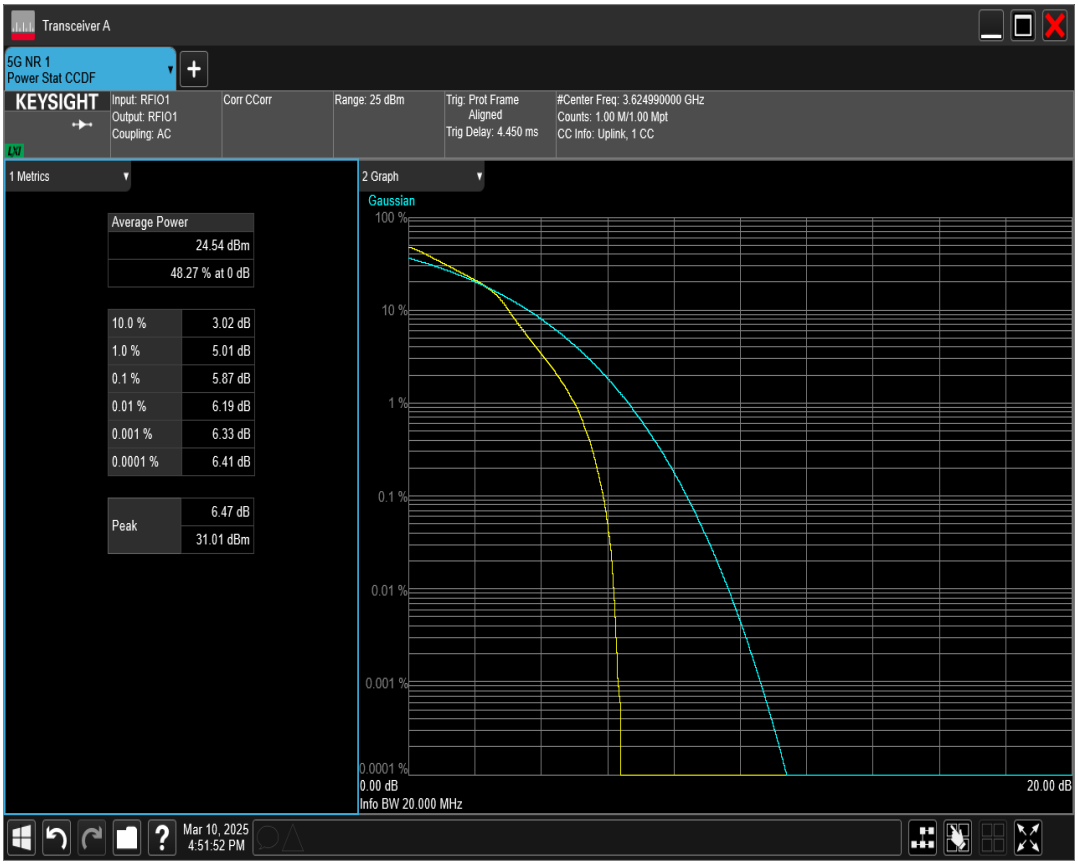

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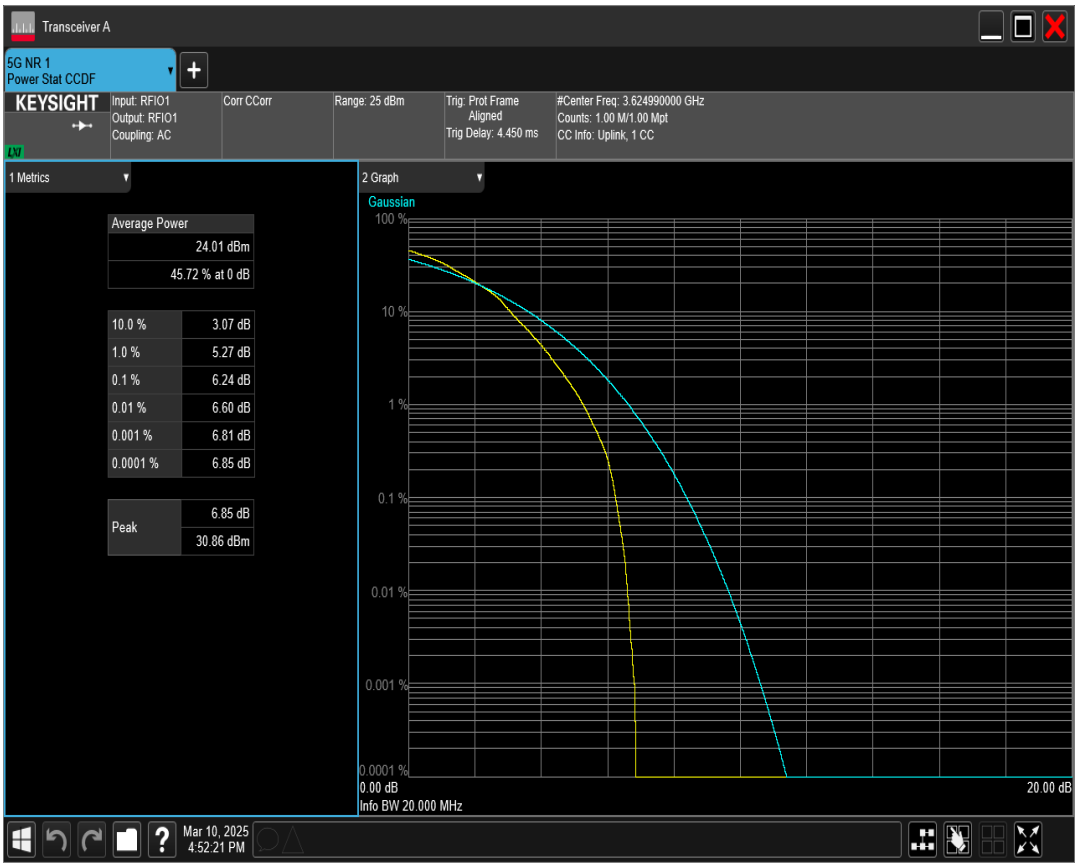
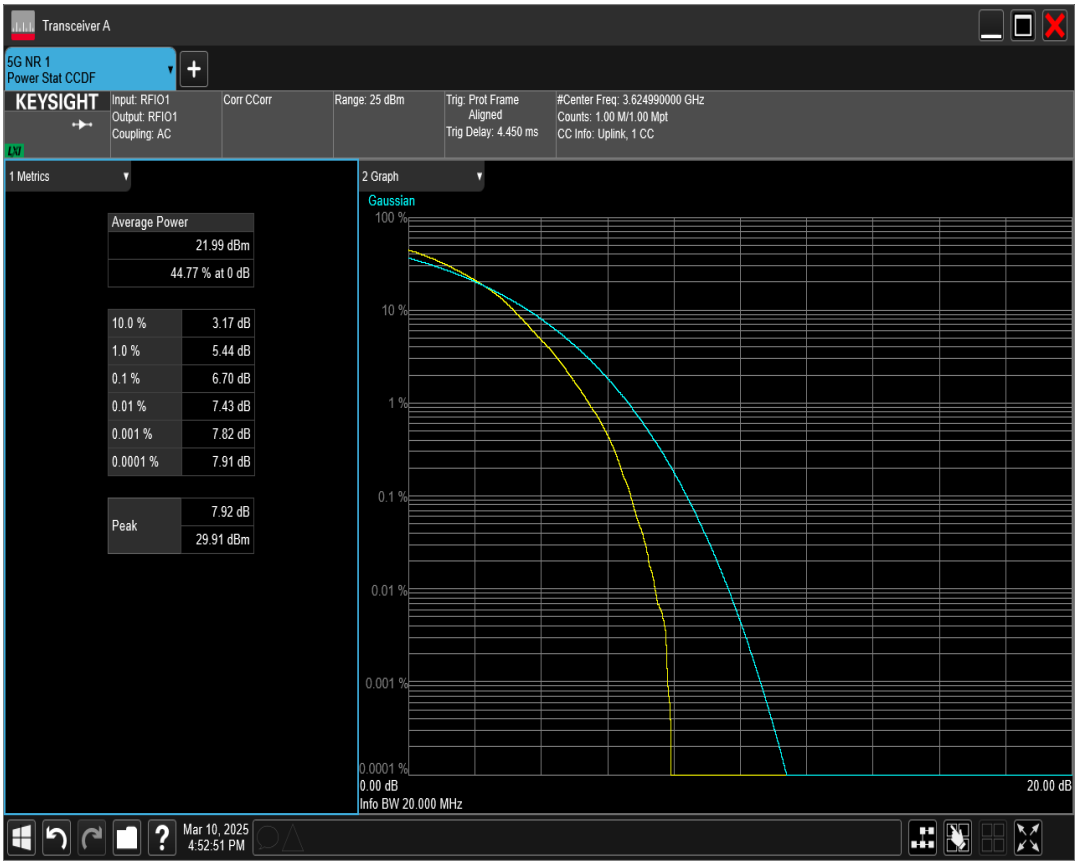
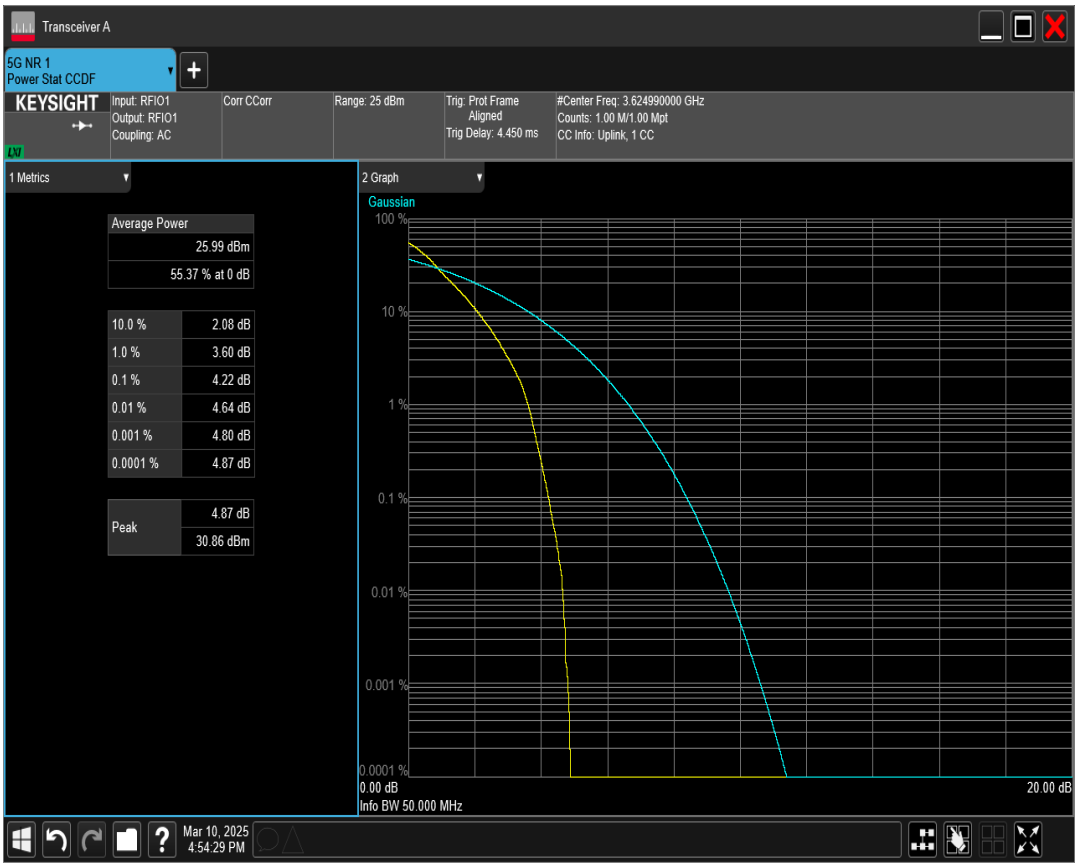


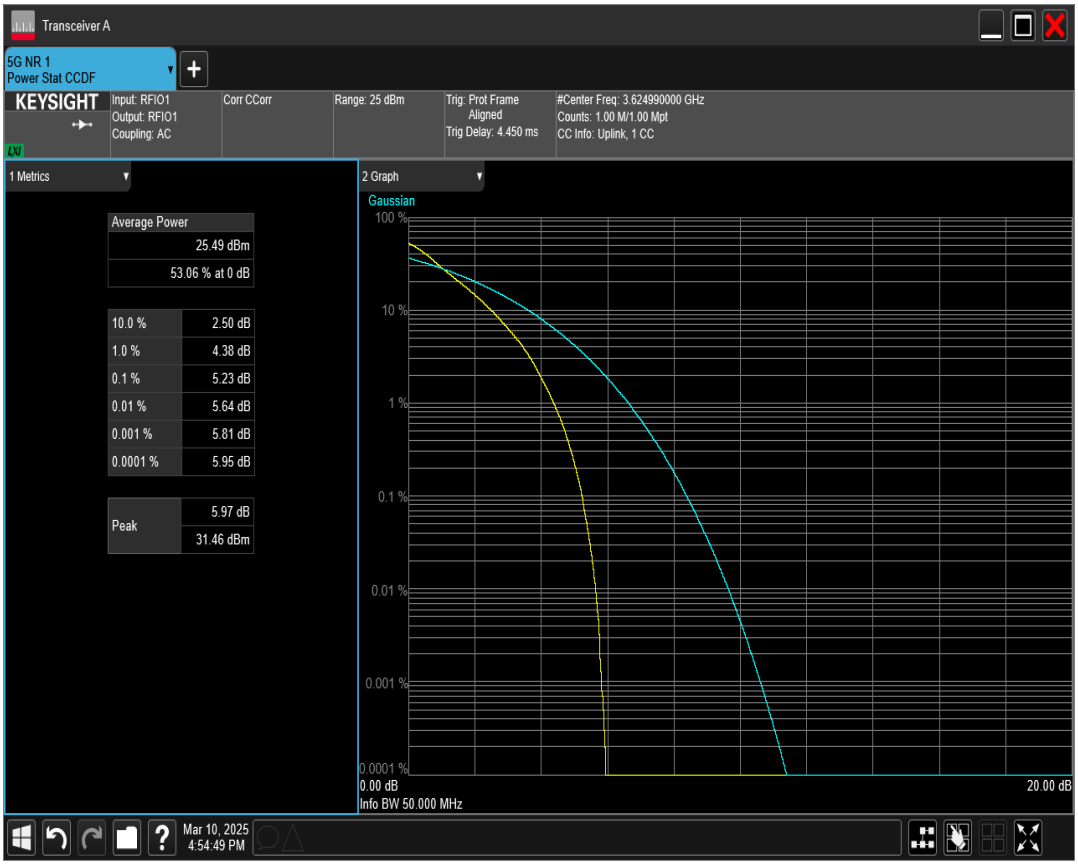
n78(3550-3700) SCS=30kHz DFT_QAM256 BW=20MHz Channel=641666 RB=50@0



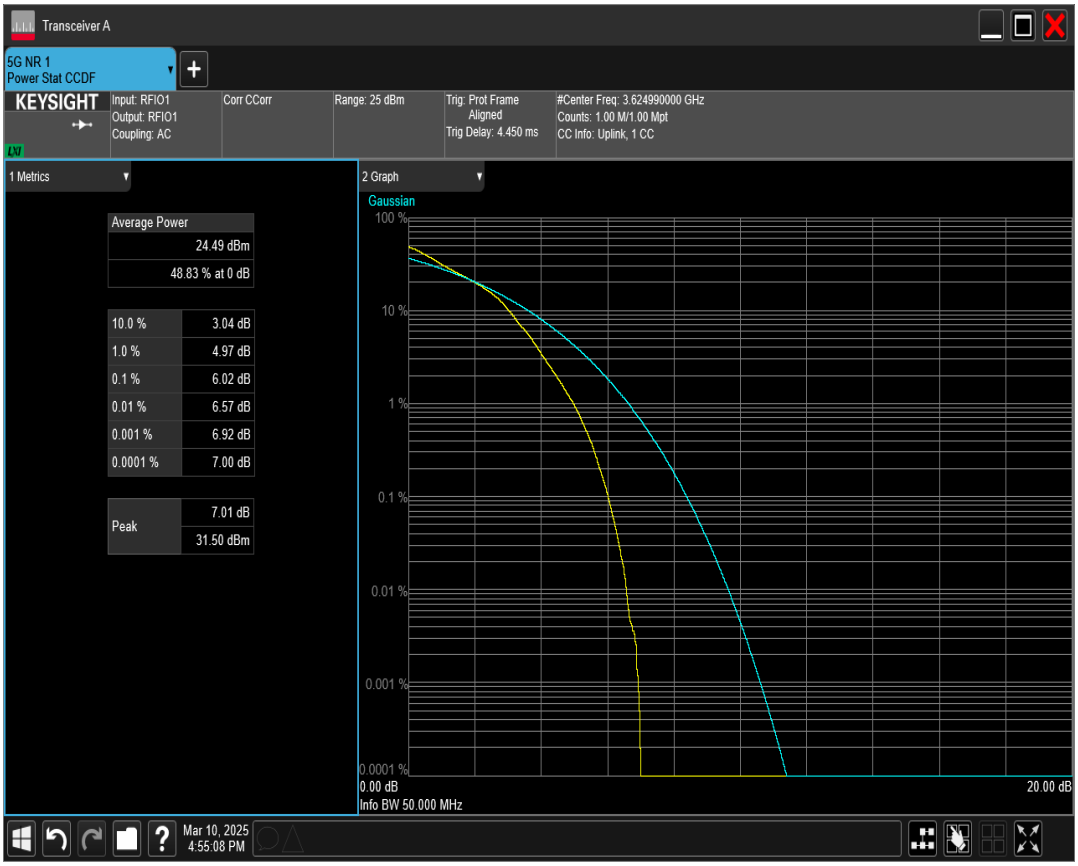
n78(3550-3700) SCS=30kHz DFT_BPSK BW=40MHz Channel=641666 RB=100@0



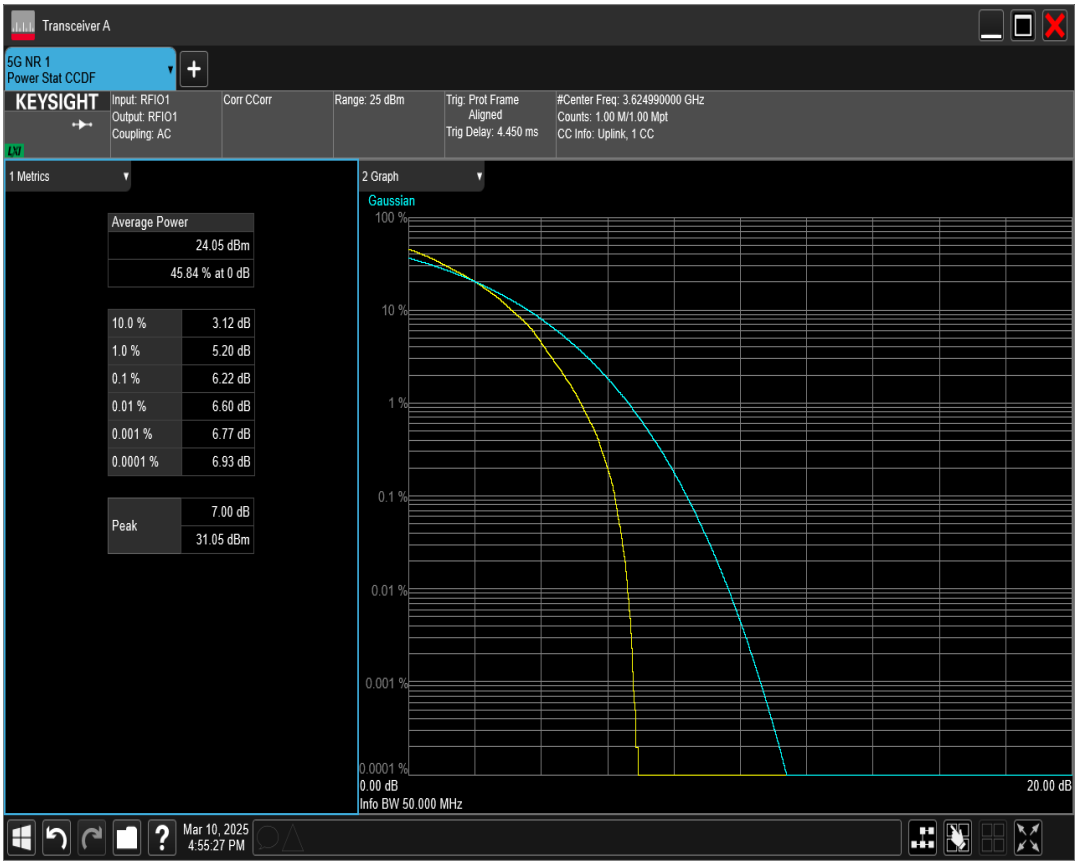
n78(3550-3700) SCS=30kHz DFT_QPSK BW=40MHz Channel=641666 RB=100@0



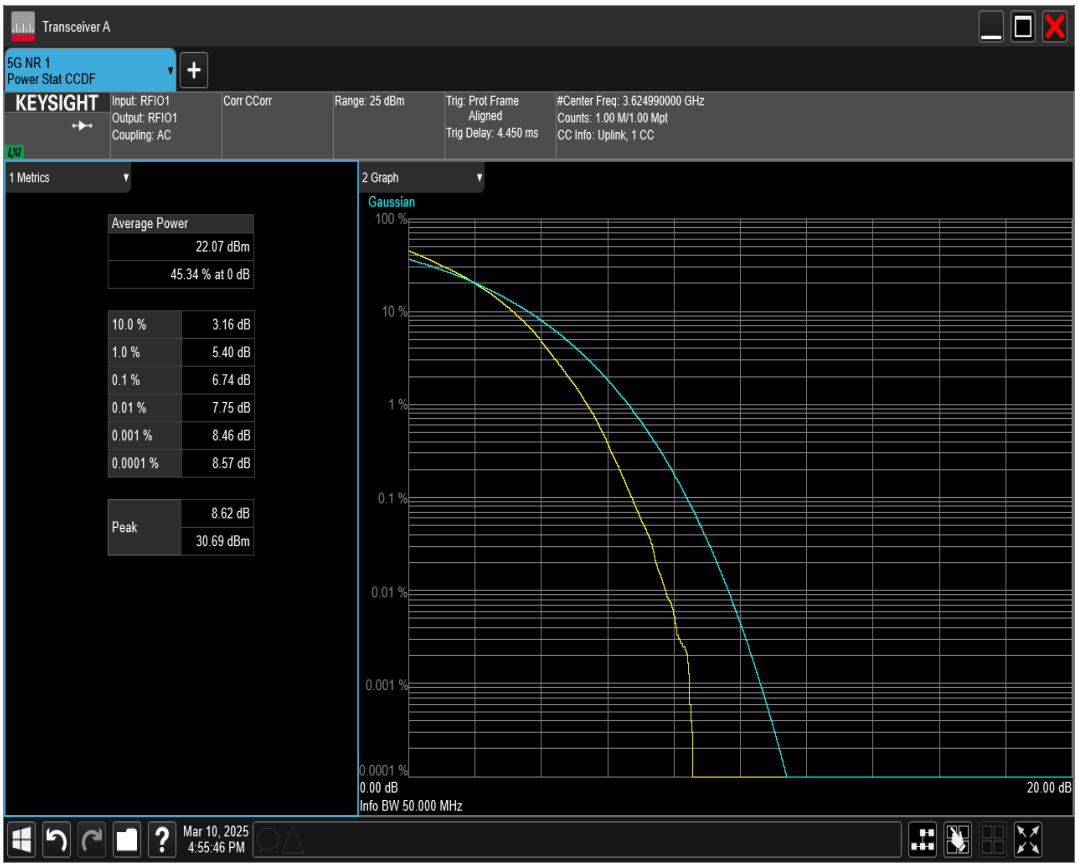
n78(3550-3700) SCS=30kHz DFT_QAM16 BW=40MHz Channel=641666 RB=100@0



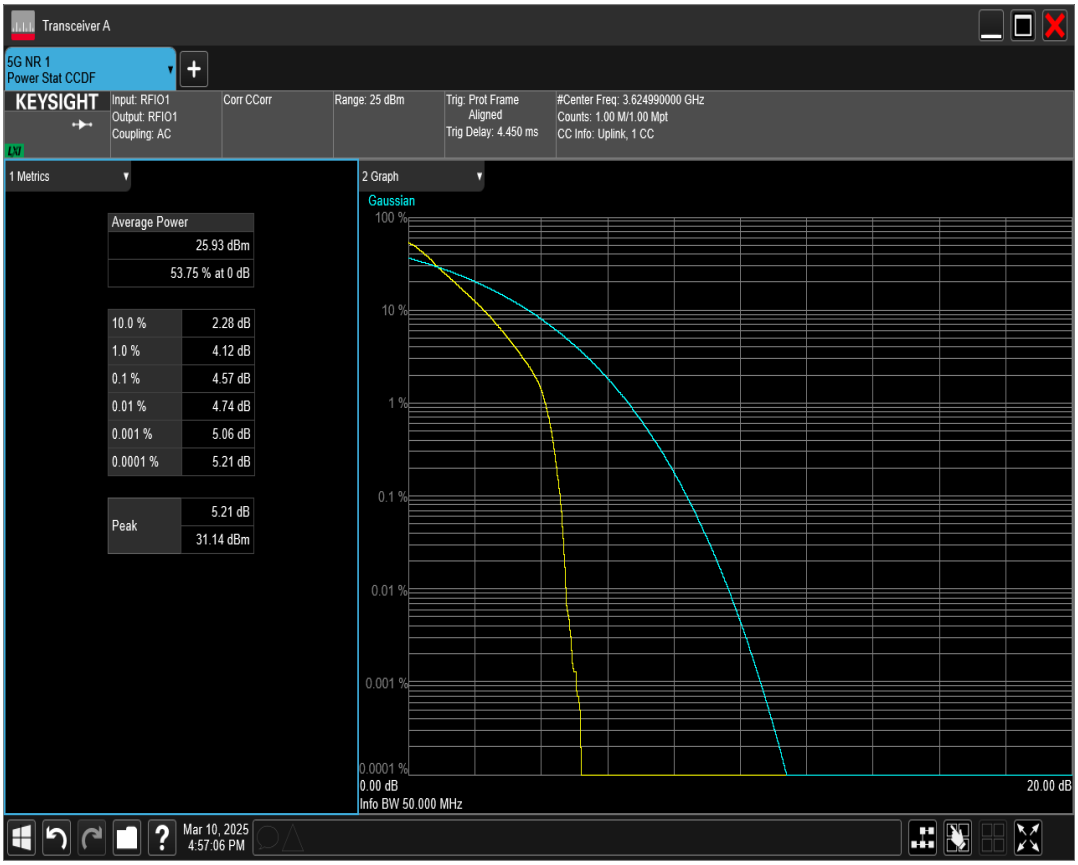
n78(3550-3700) SCS=30kHz DFT_QAM64 BW=40MHz Channel=641666 RB=100@0



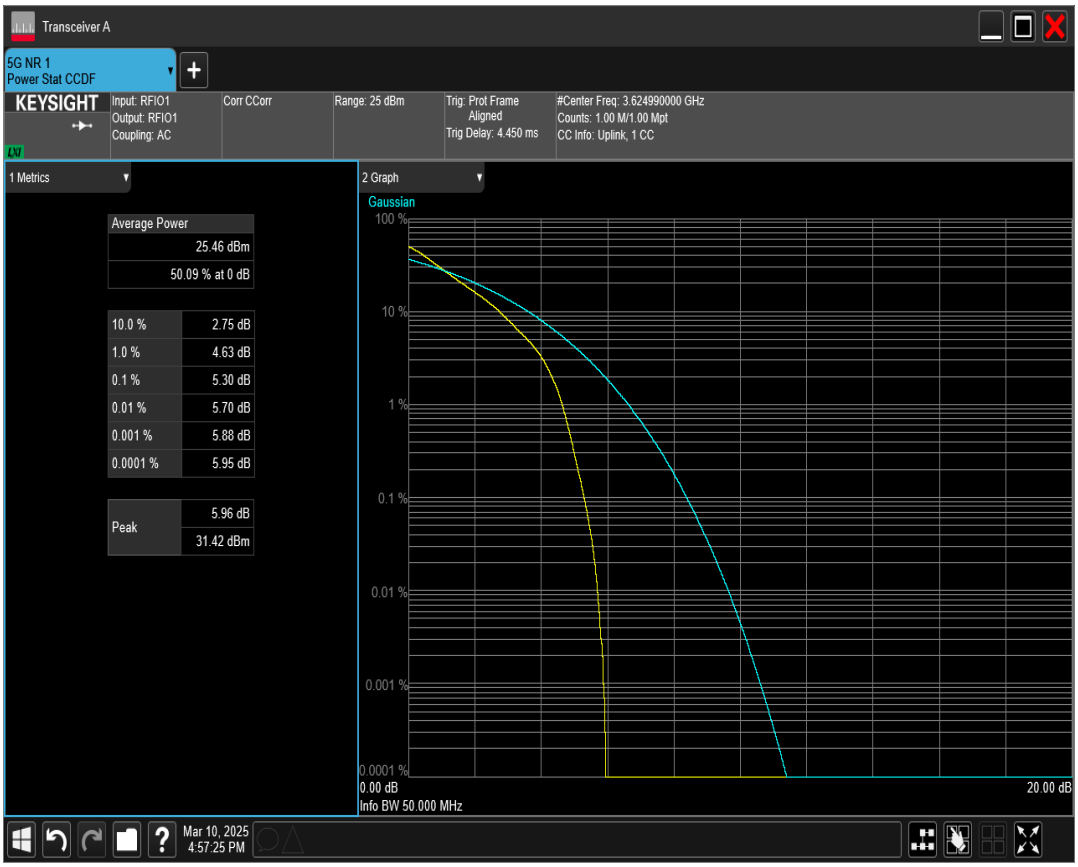
n78(3550-3700) SCS=30kHz DFT_QAM256 BW=40MHz Channel=641666 RB=100@0



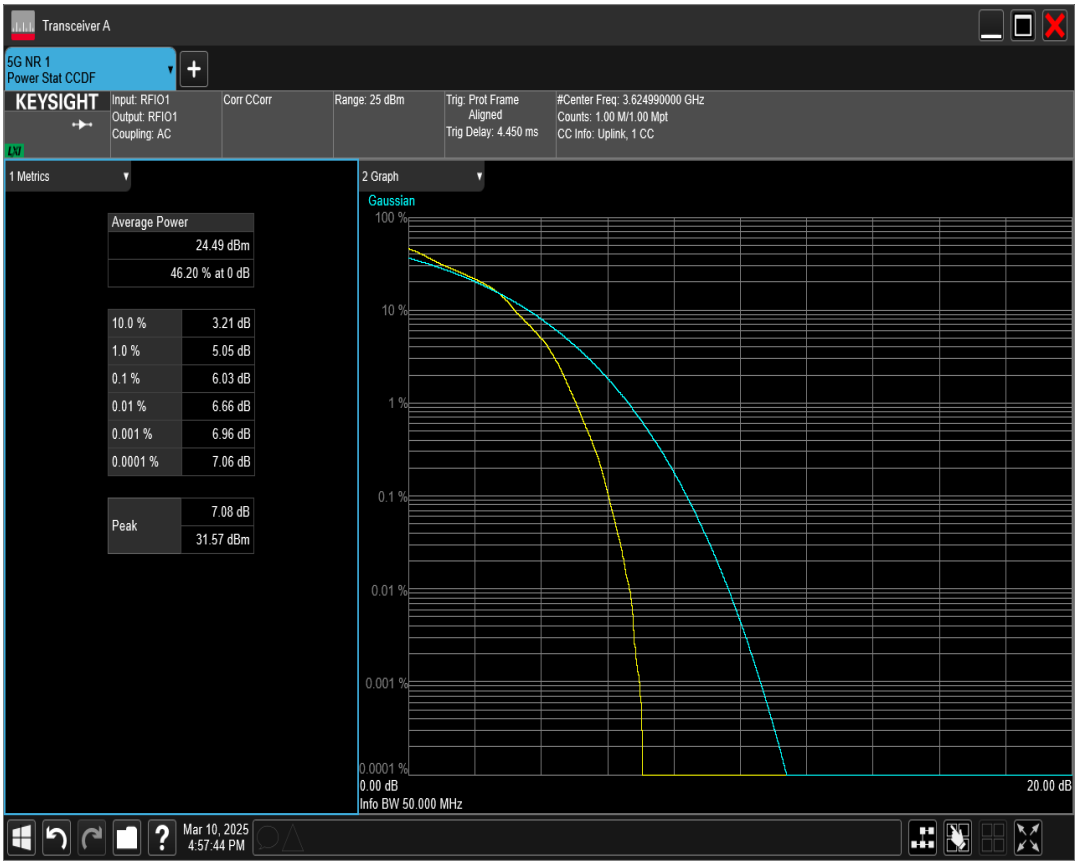
n78(3550-3700) SCS=30kHz DFT_BPSK BW=50MHz Channel=641666 RB=128@0



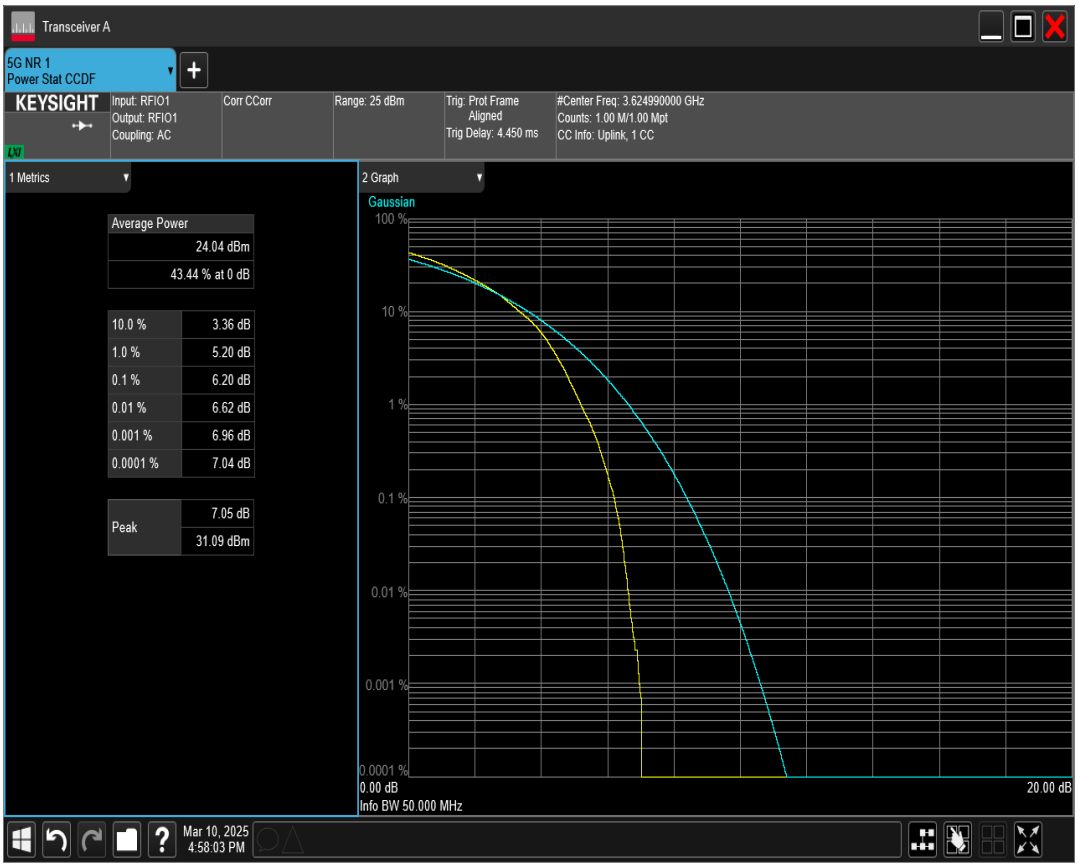
n78(3550-3700) SCS=30kHz DFT_QPSK BW=50MHz Channel=641666 RB=128@0



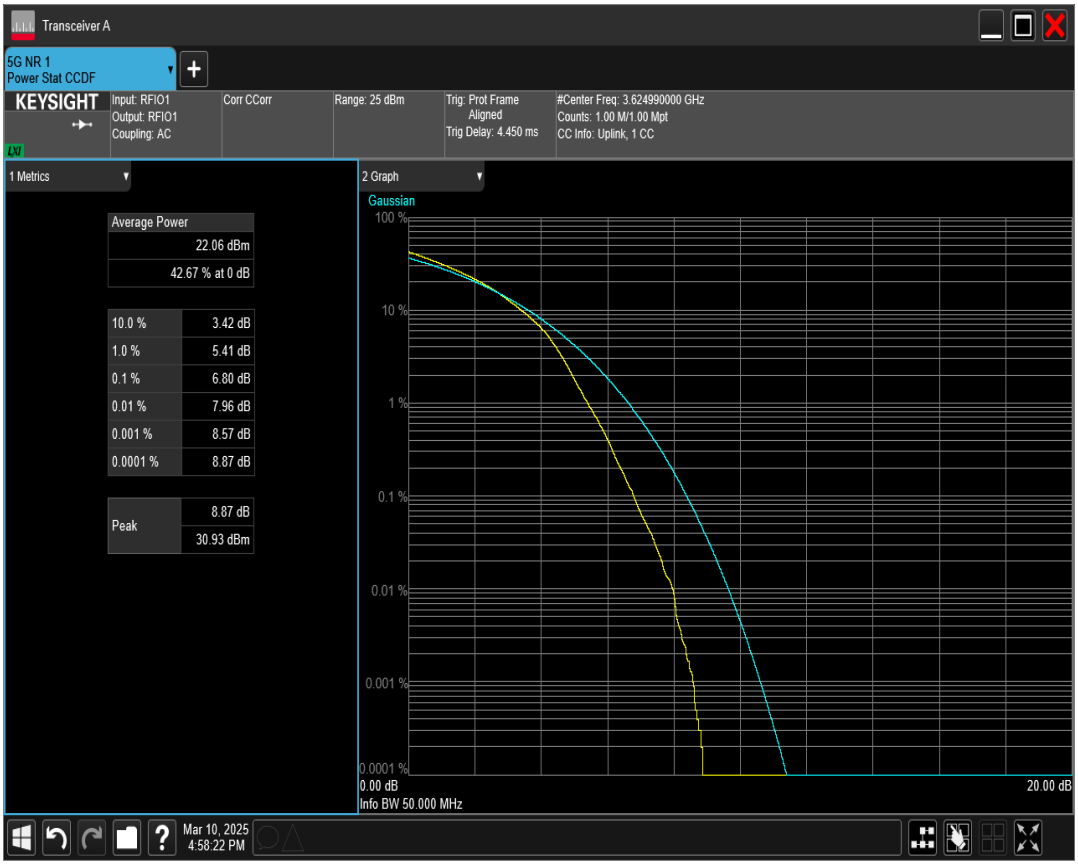
n78(3550-3700) SCS=30kHz DFT_QAM16 BW=50MHz Channel=641666 RB=128@0



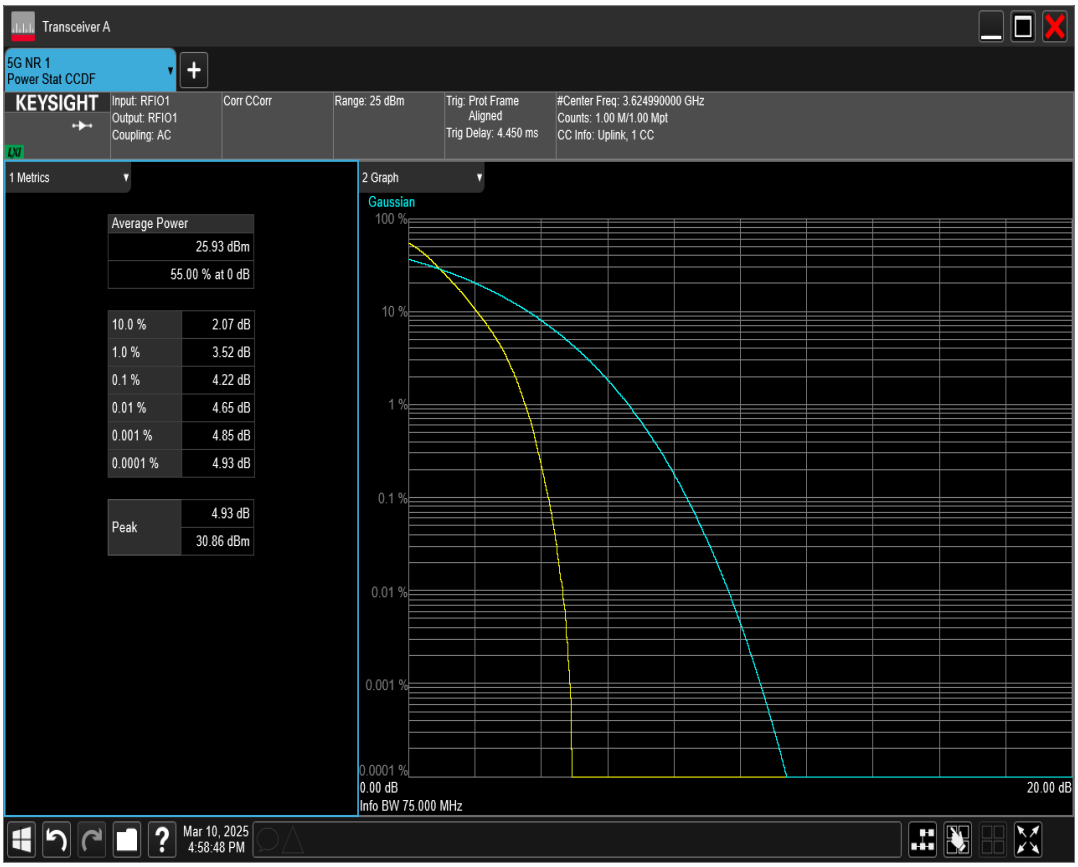
n78(3550-3700) SCS=30kHz DFT_QAM64 BW=50MHz Channel=641666 RB=128@0



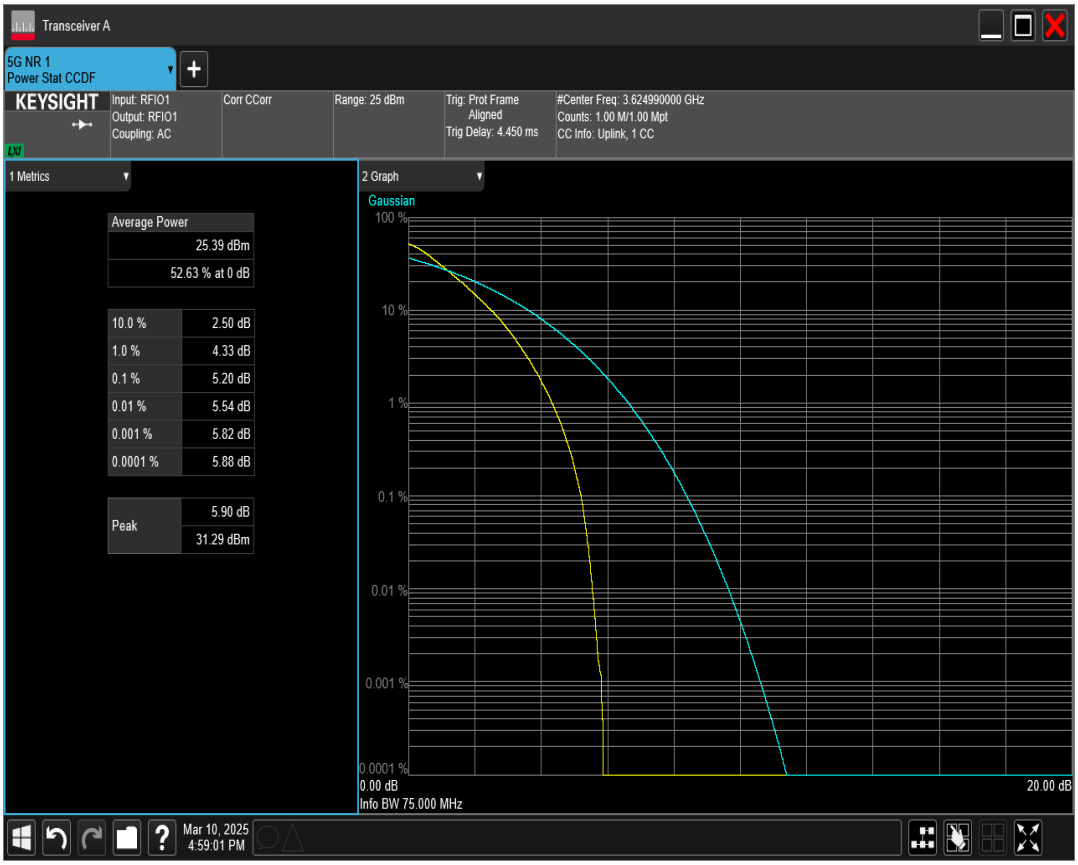
n78(3550-3700) SCS=30kHz DFT_QAM256 BW=50MHz Channel=641666 RB=128@0



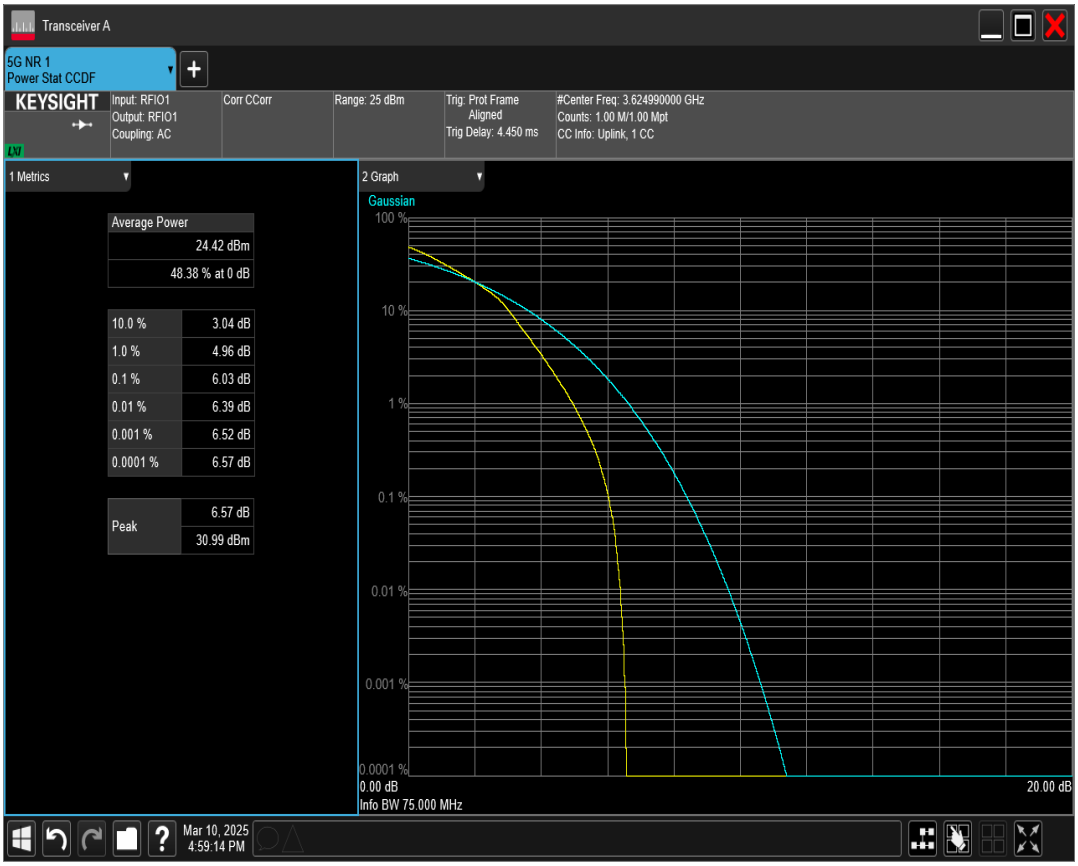
n78(3550-3700) SCS=30kHz DFT_BPSK BW=60MHz Channel=641666 RB=162@0



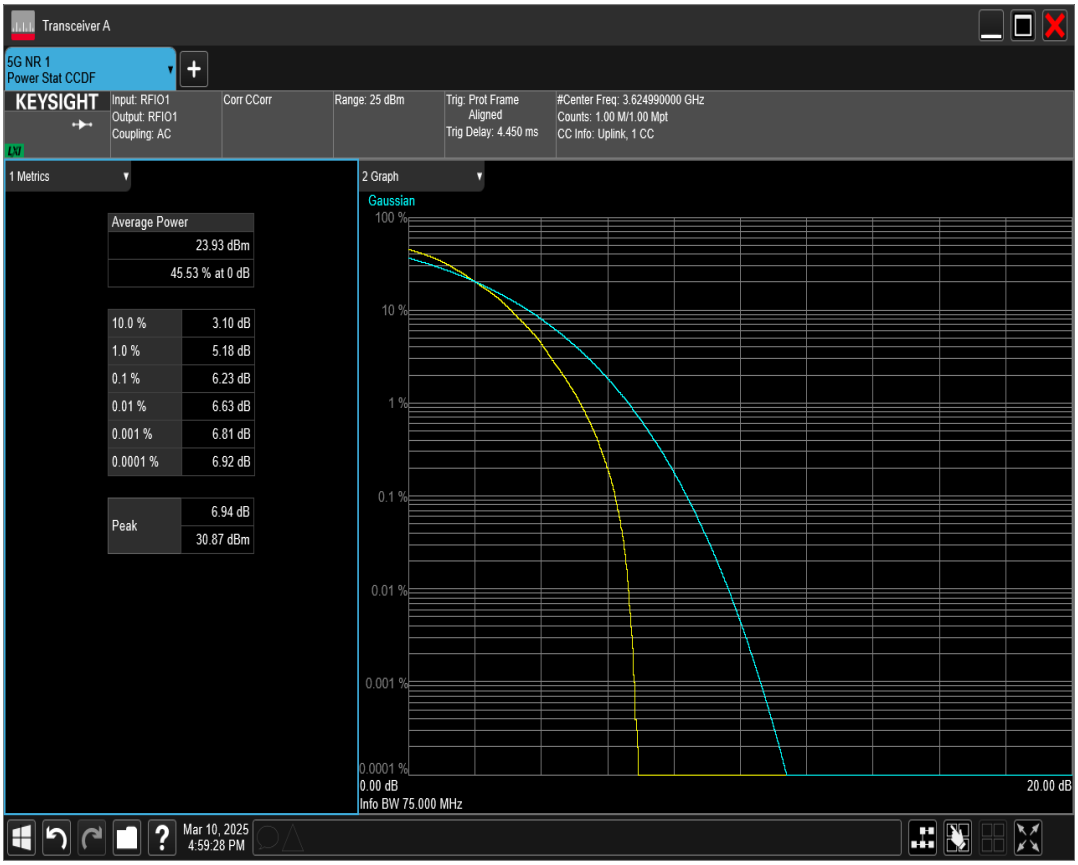
n78(3550-3700) SCS=30kHz DFT_QPSK BW=60MHz Channel=641666 RB=162@0



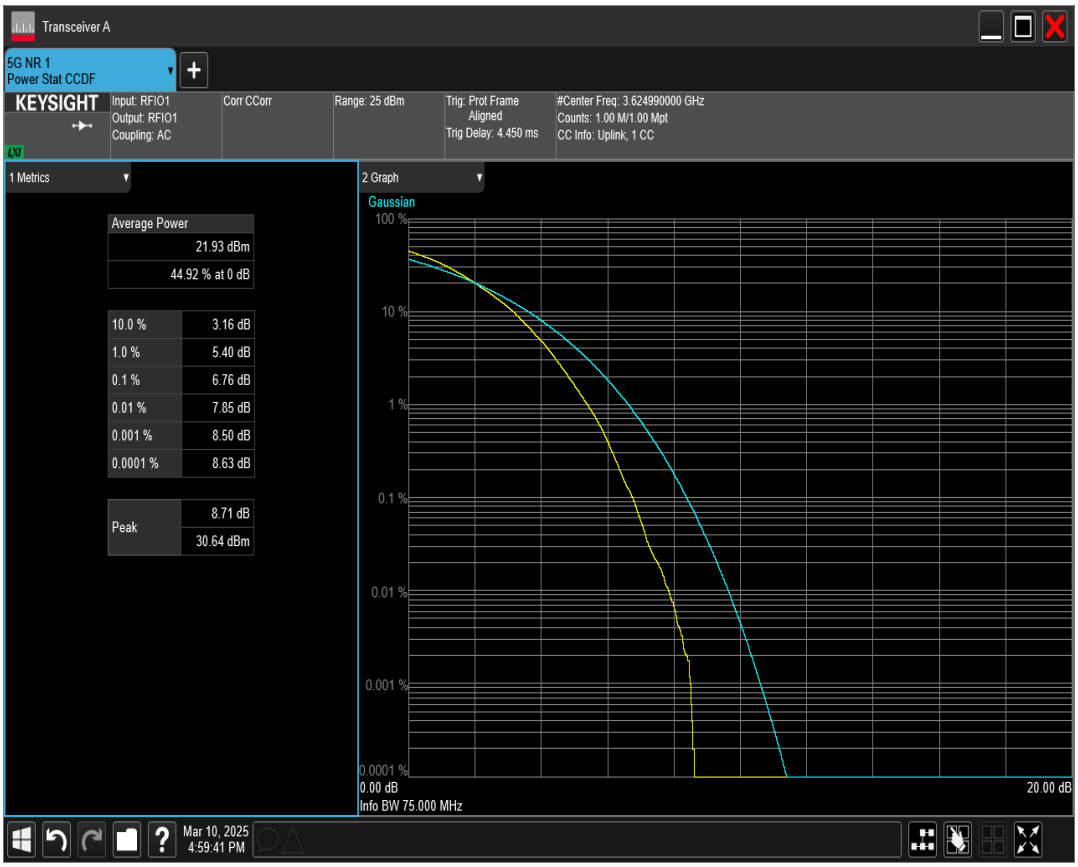
n78(3550-3700) SCS=30kHz DFT_QAM16 BW=60MHz Channel=641666 RB=162@0



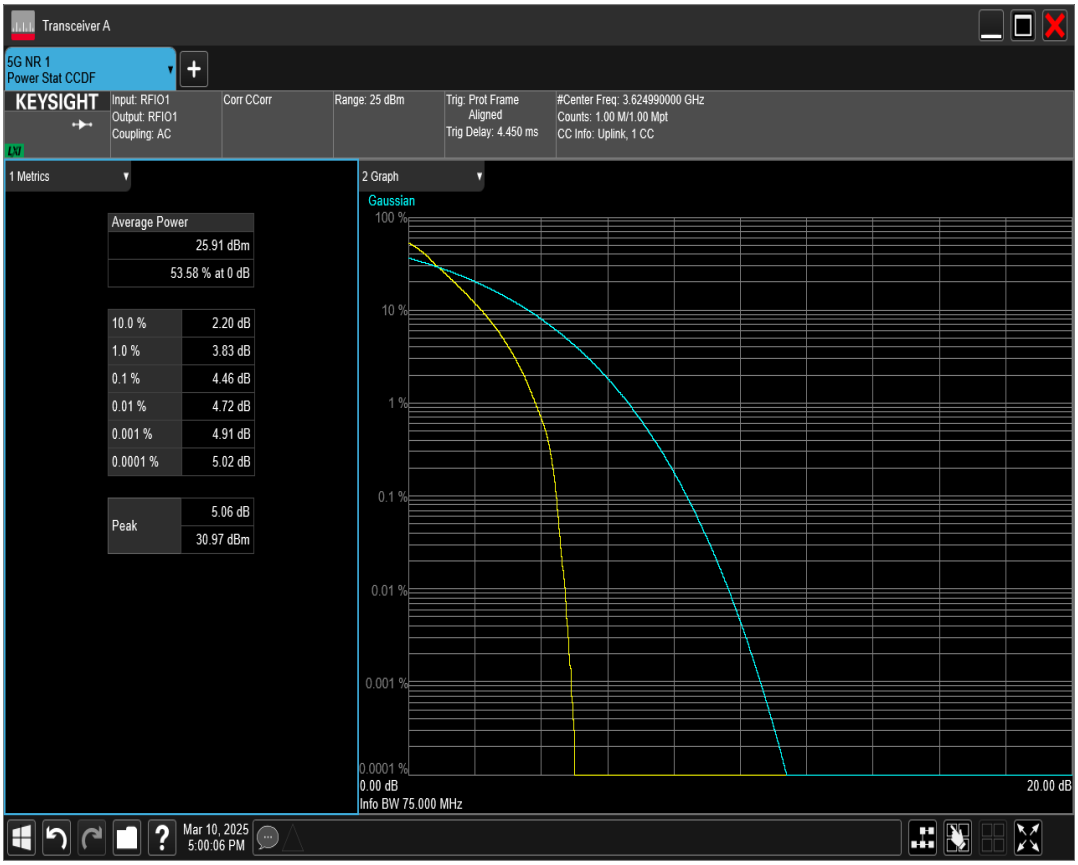
n78(3550-3700) SCS=30kHz DFT_QAM64 BW=60MHz Channel=641666 RB=162@0



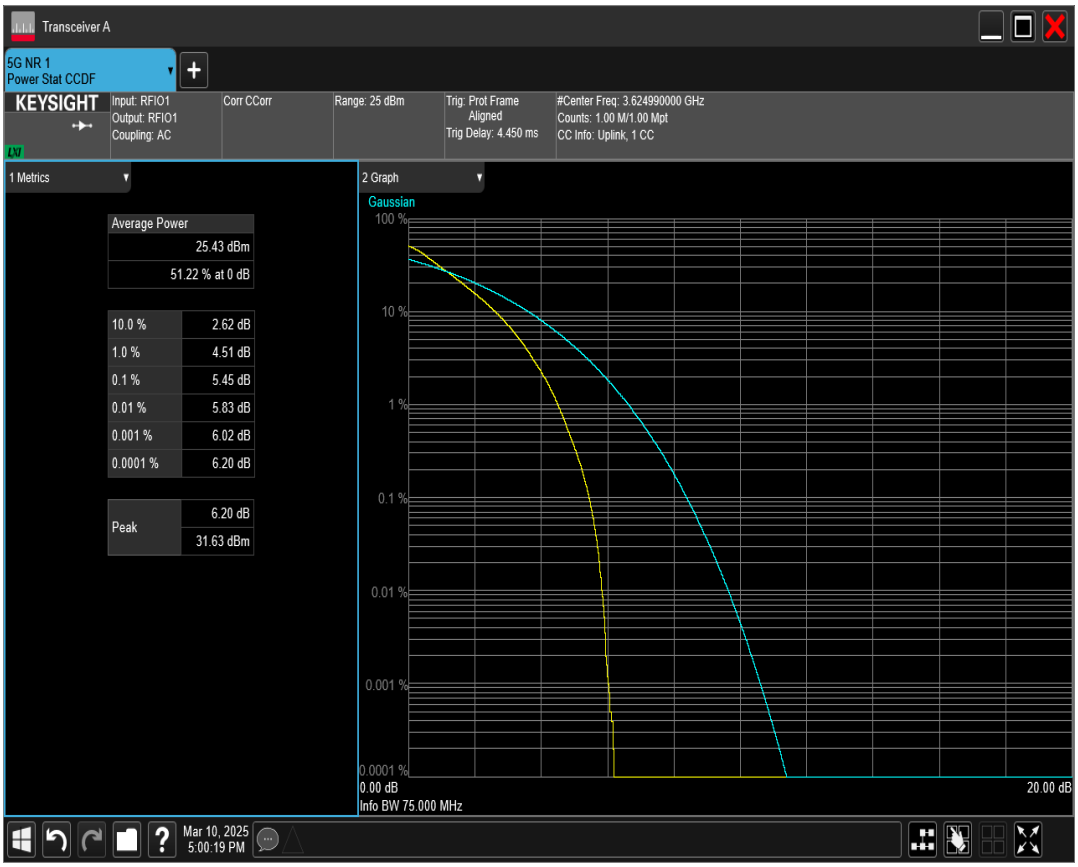
n78(3550-3700) SCS=30kHz DFT_QAM256 BW=60MHz Channel=641666 RB=162@0



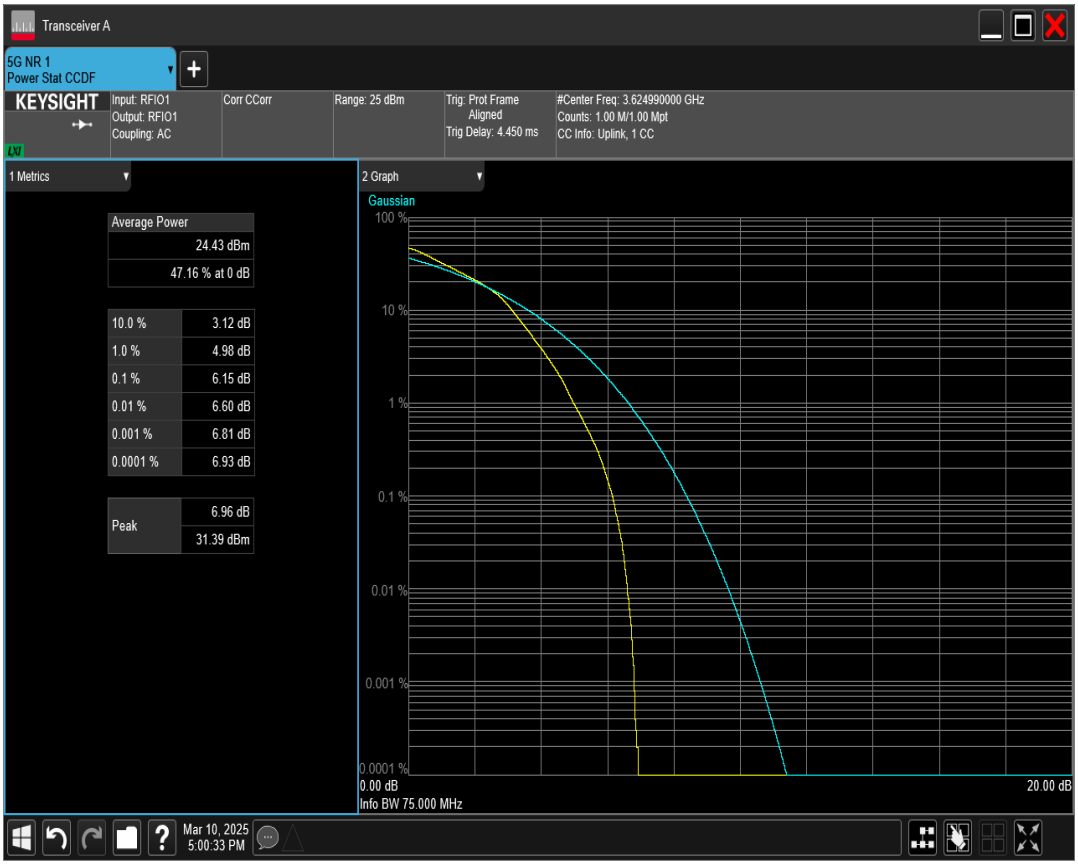
n78(3550-3700) SCS=30kHz DFT_BPSK BW=70MHz Channel=641666 RB=180@0



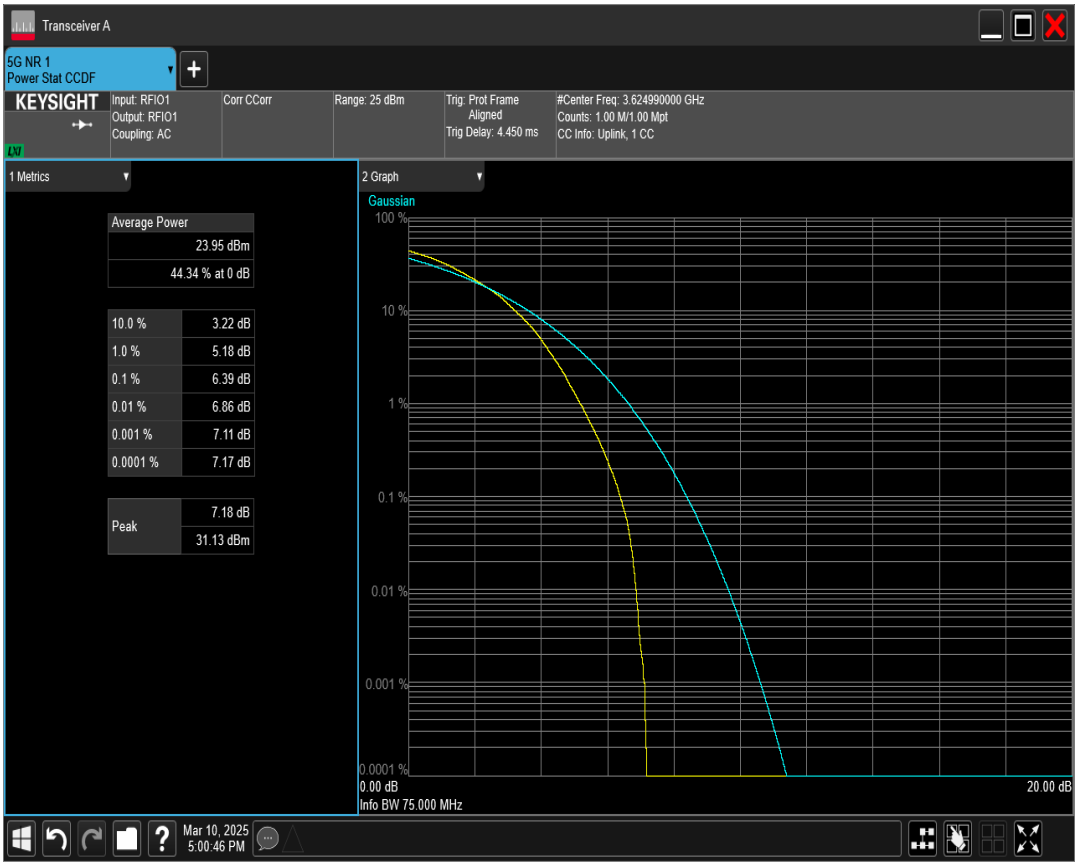
n78(3550-3700) SCS=30kHz DFT_QPSK BW=70MHz Channel=641666 RB=180@0



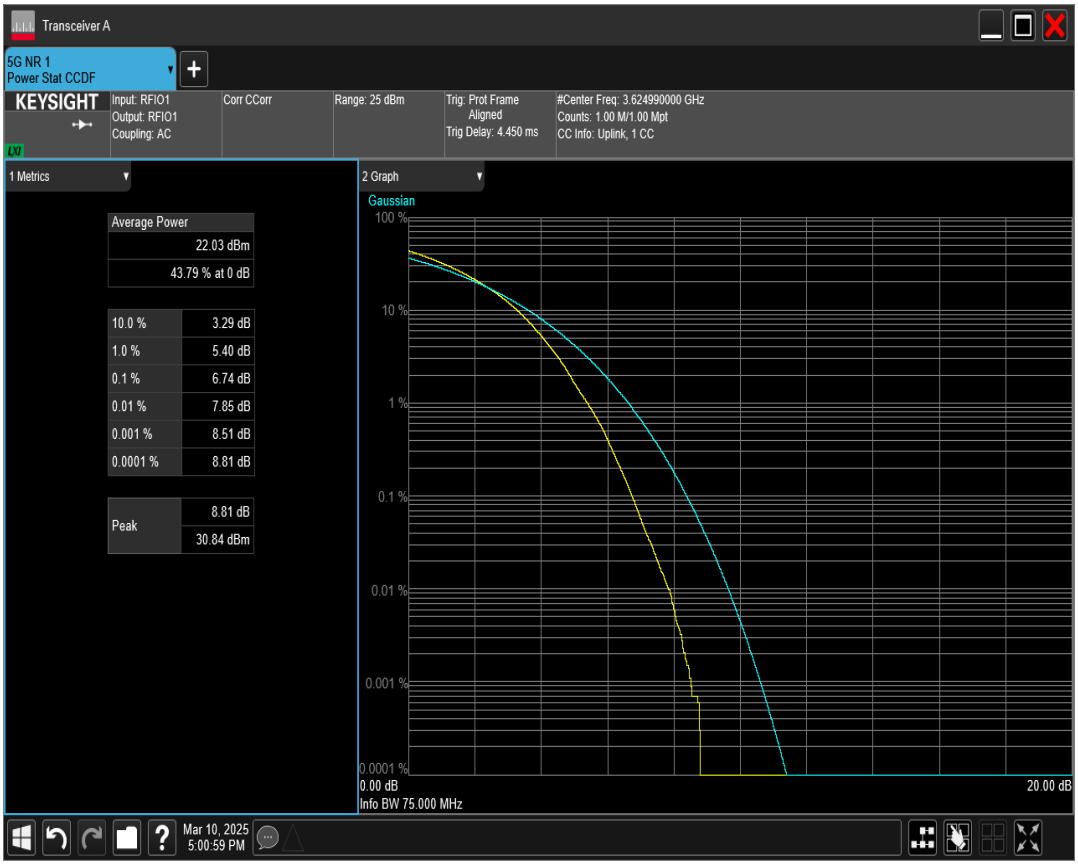
n78(3550-3700) SCS=30kHz DFT_QAM16 BW=70MHz Channel=641666 RB=180@0



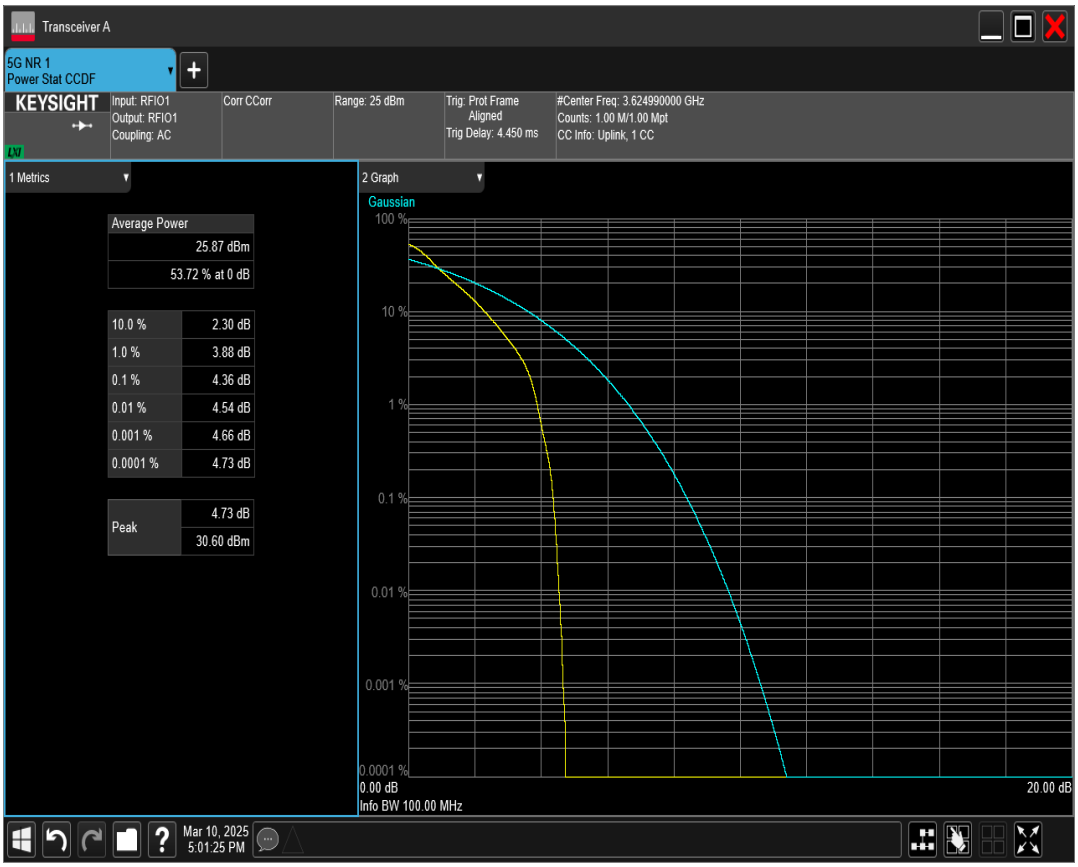
n78(3550-3700) SCS=30kHz DFT_QAM64 BW=70MHz Channel=641666 RB=180@0



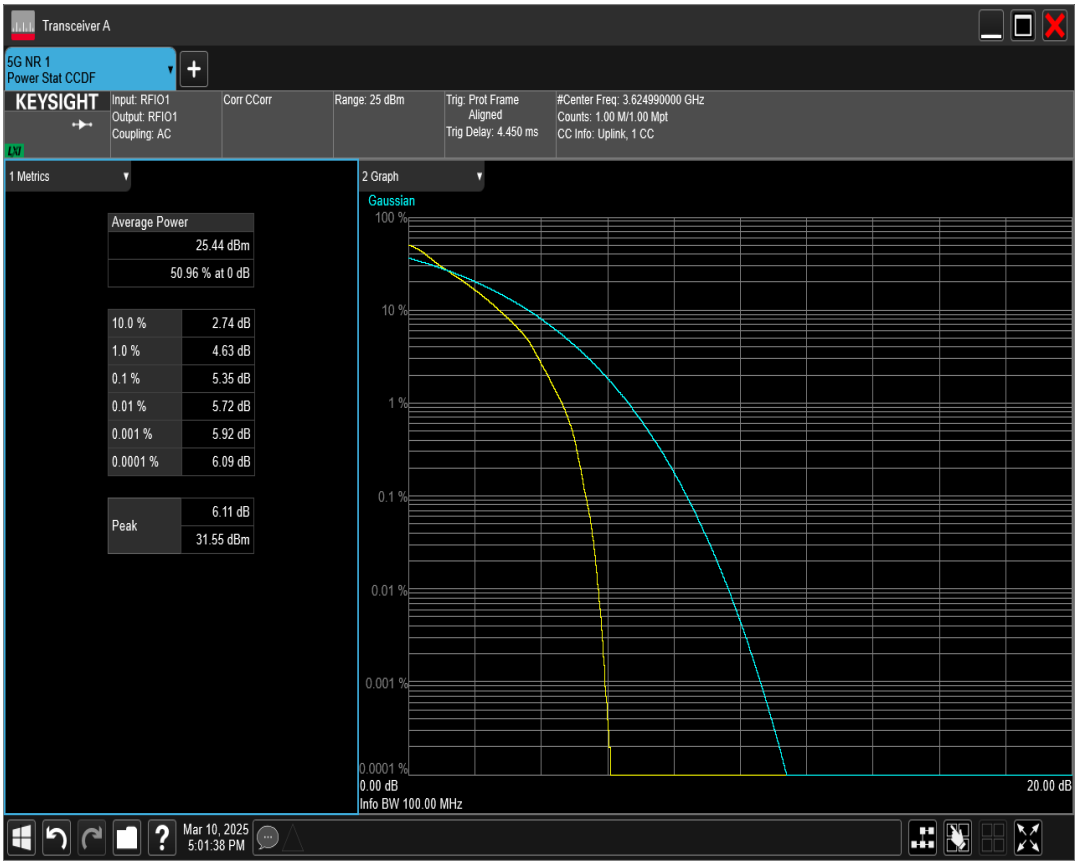
n78(3550-3700) SCS=30kHz DFT_QAM256 BW=70MHz Channel=641666 RB=180@0



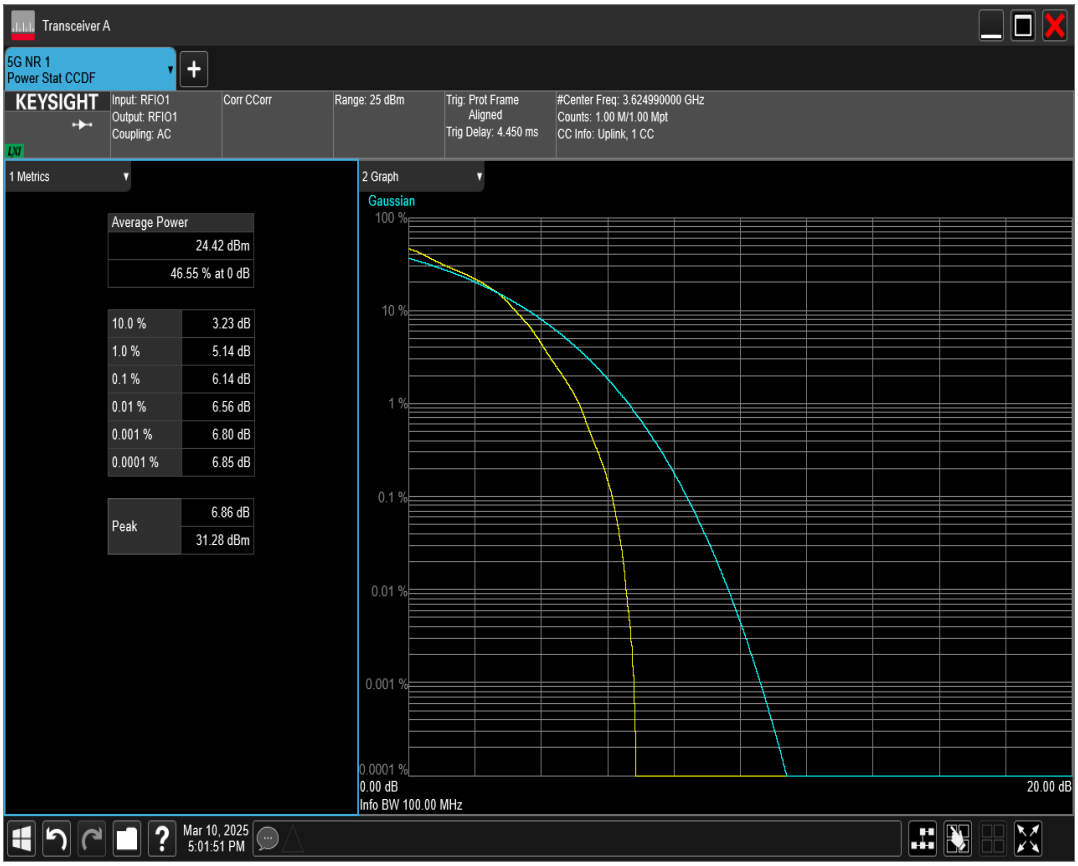
n78(3550-3700) SCS=30kHz DFT_BPSK BW=80MHz Channel=641666 RB=216@0



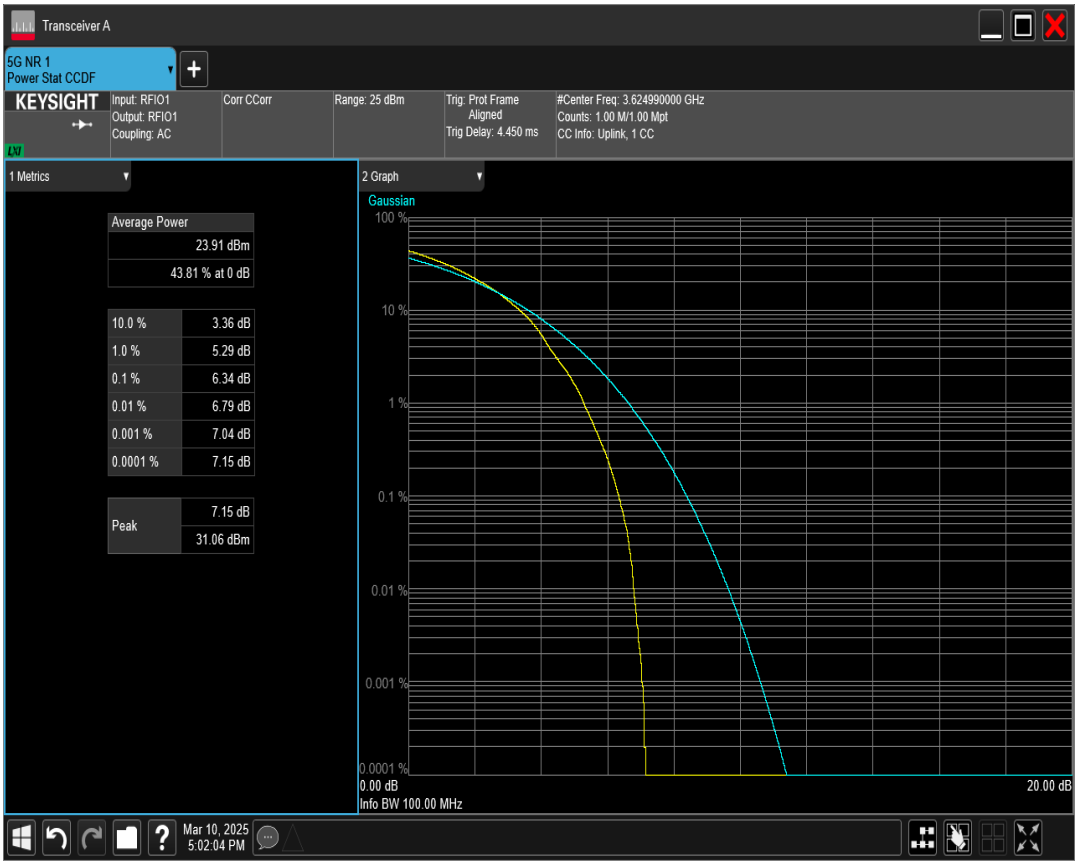
n78(3550-3700) SCS=30kHz DFT_QPSK BW=80MHz Channel=641666 RB=216@0



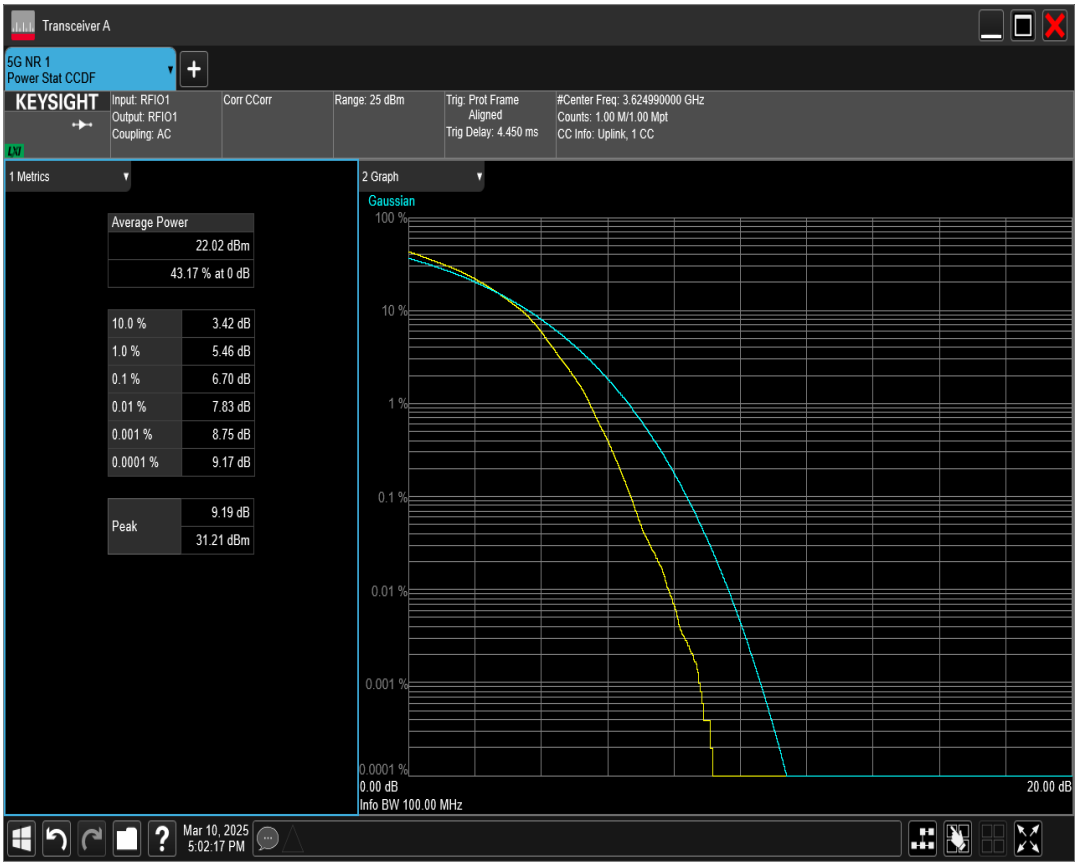
n78(3550-3700) SCS=30kHz DFT_QAM16 BW=80MHz Channel=641666 RB=216@0



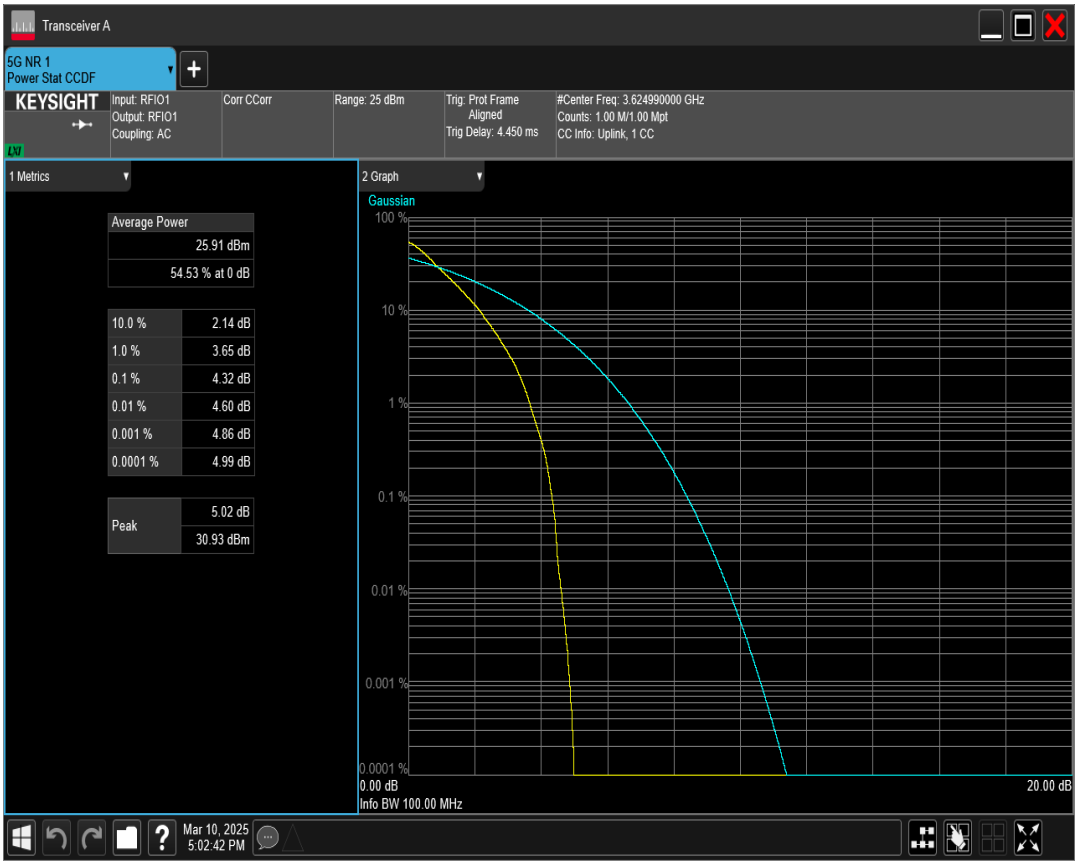
n78(3550-3700) SCS=30kHz DFT_QAM64 BW=80MHz Channel=641666 RB=216@0



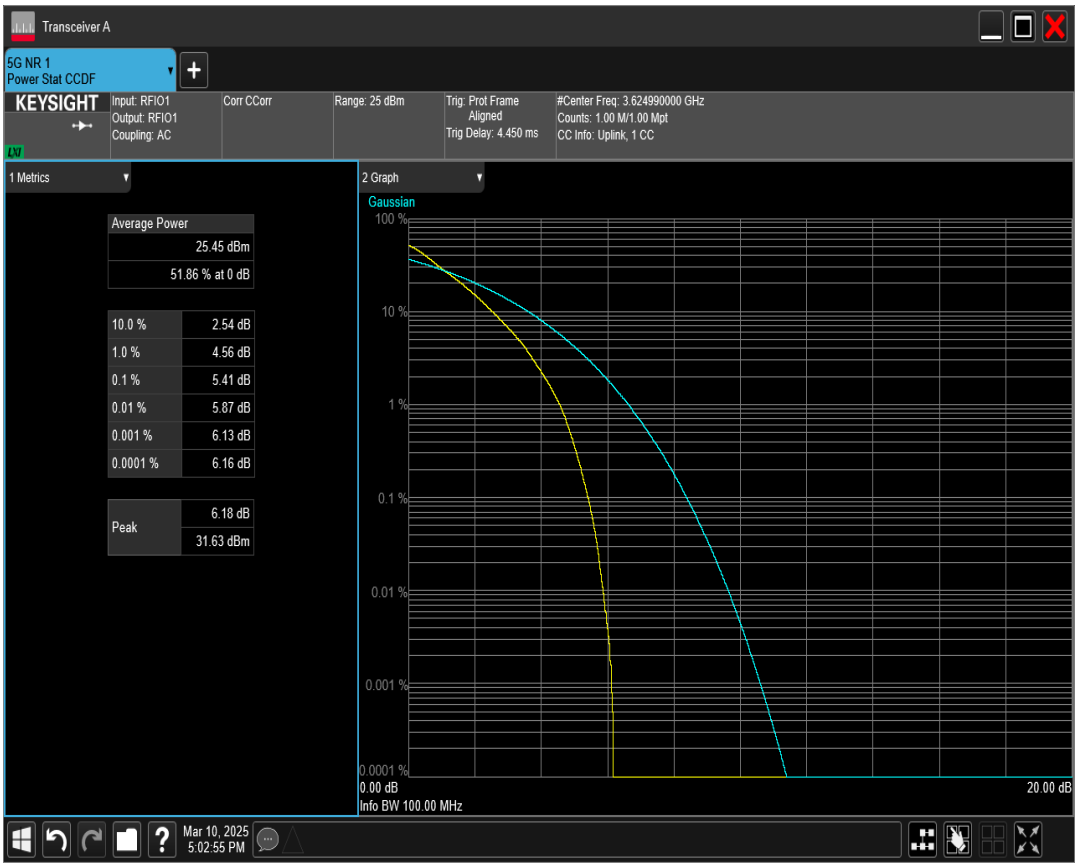
n78(3550-3700) SCS=30kHz DFT_QAM256 BW=80MHz Channel=641666 RB=216@0



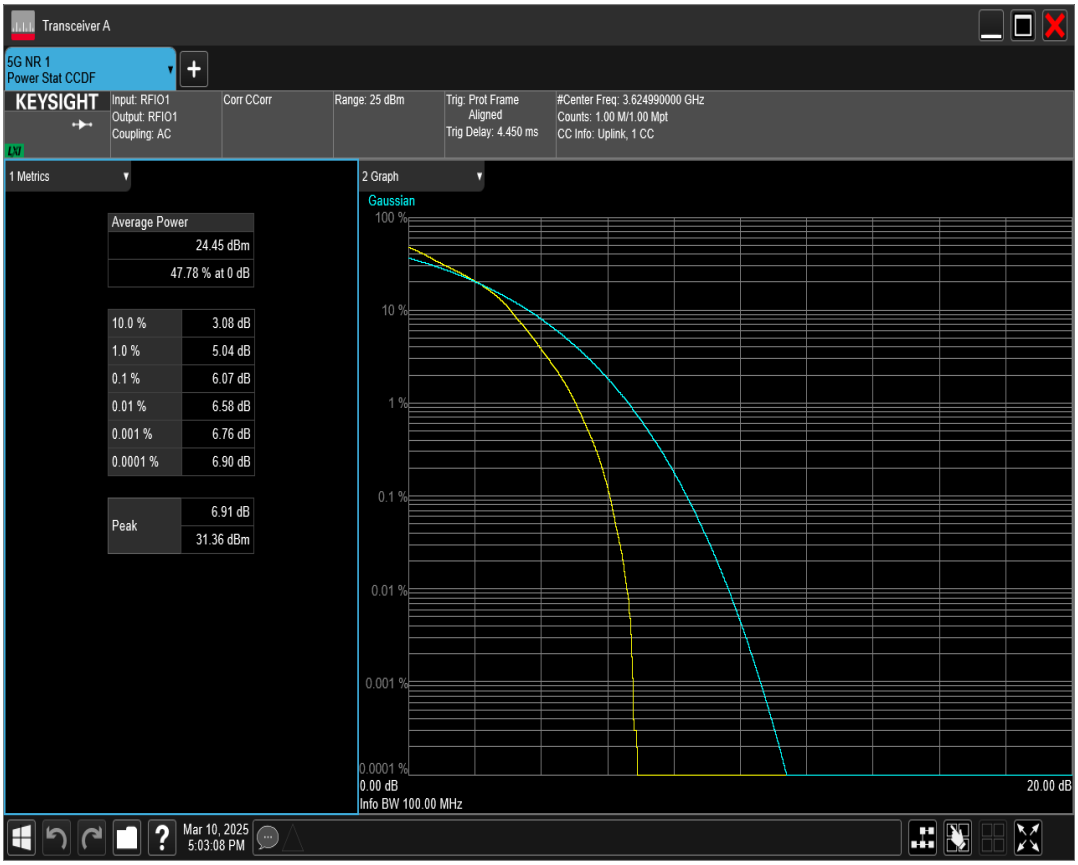
n78(3550-3700) SCS=30kHz DFT_BPSK BW=90MHz Channel=641666 RB=240@0



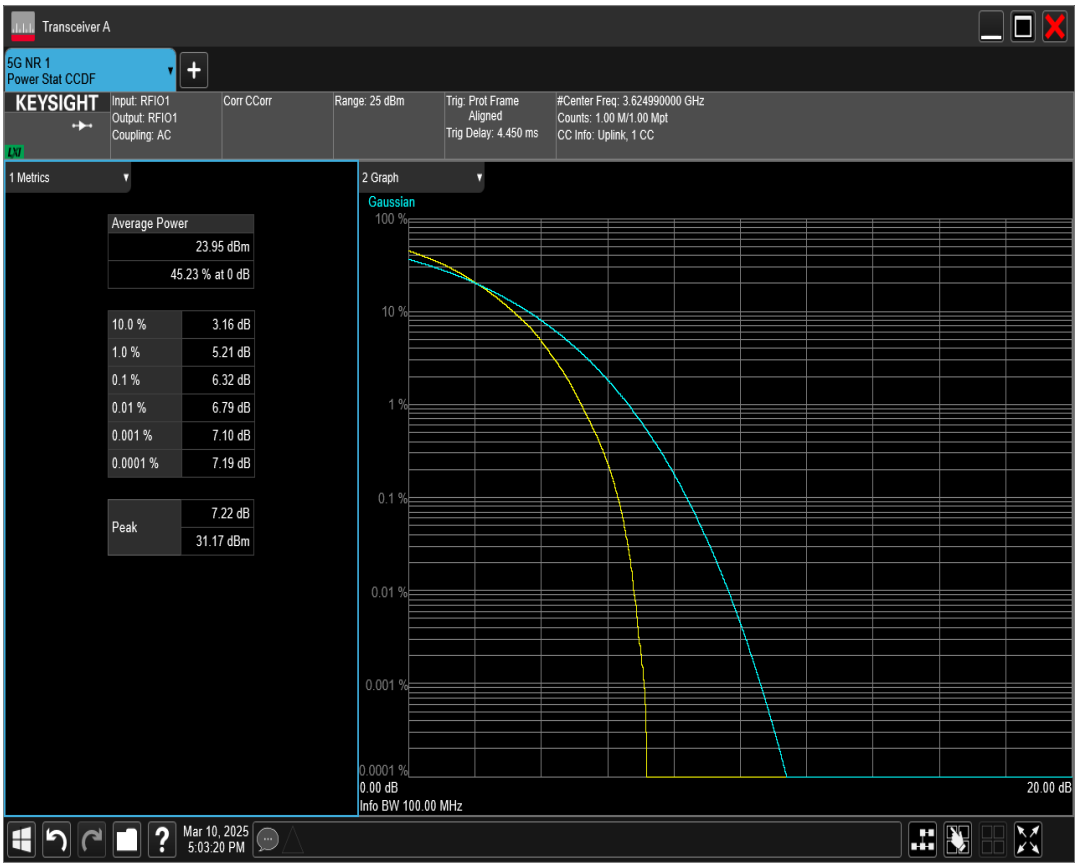
n78(3550-3700) SCS=30kHz DFT_QPSK BW=90MHz Channel=641666 RB=240@0



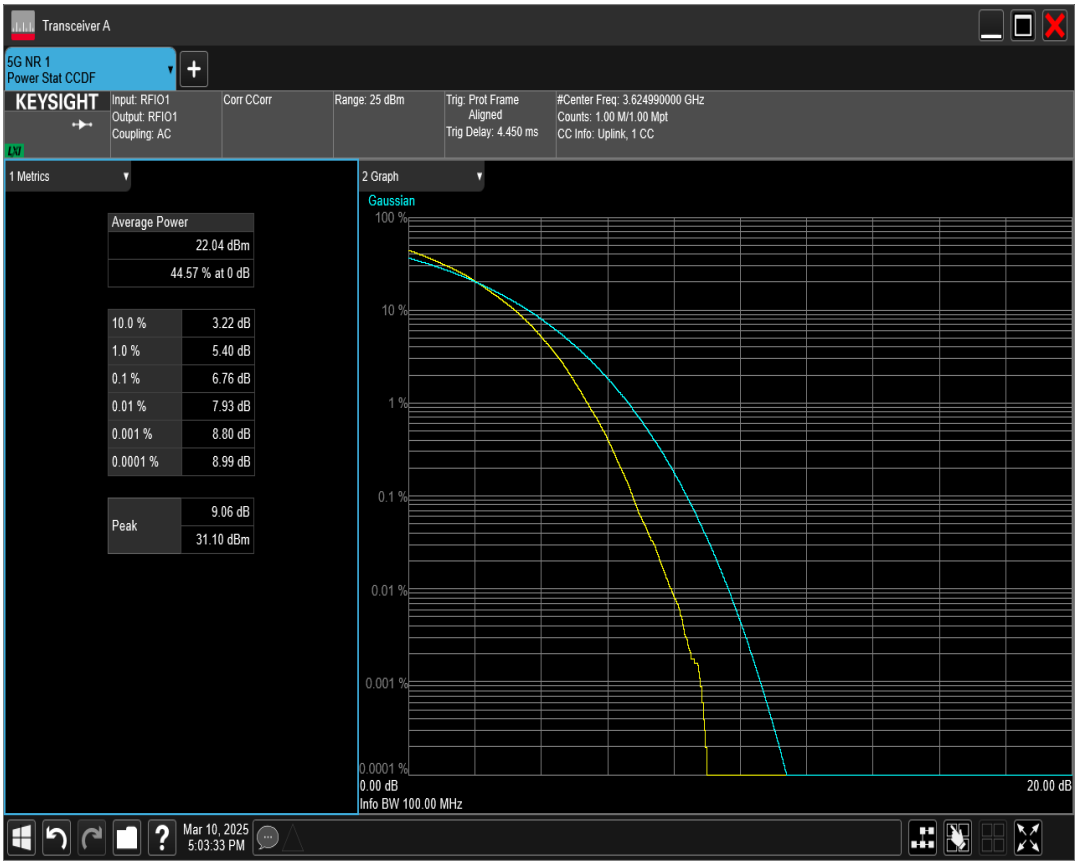
n78(3550-3700) SCS=30kHz DFT_QAM16 BW=90MHz Channel=641666 RB=240@0



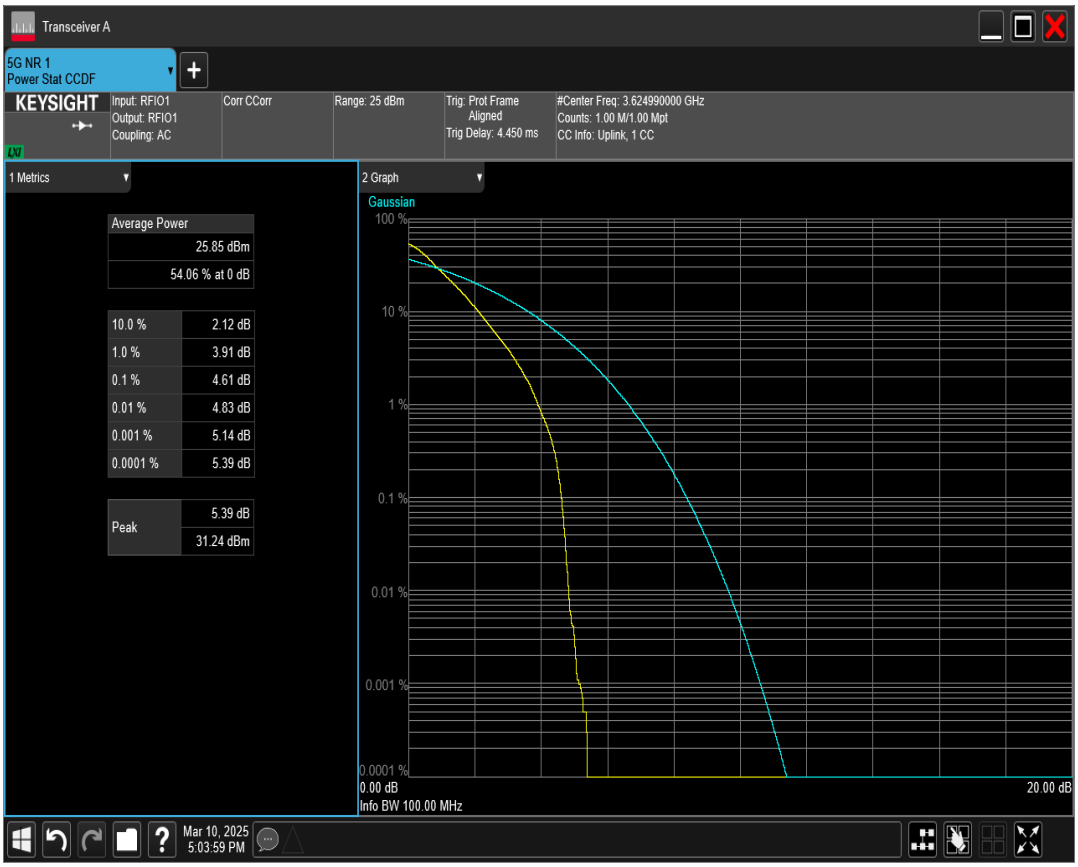
n78(3550-3700) SCS=30kHz DFT_QAM64 BW=90MHz Channel=641666 RB=240@0



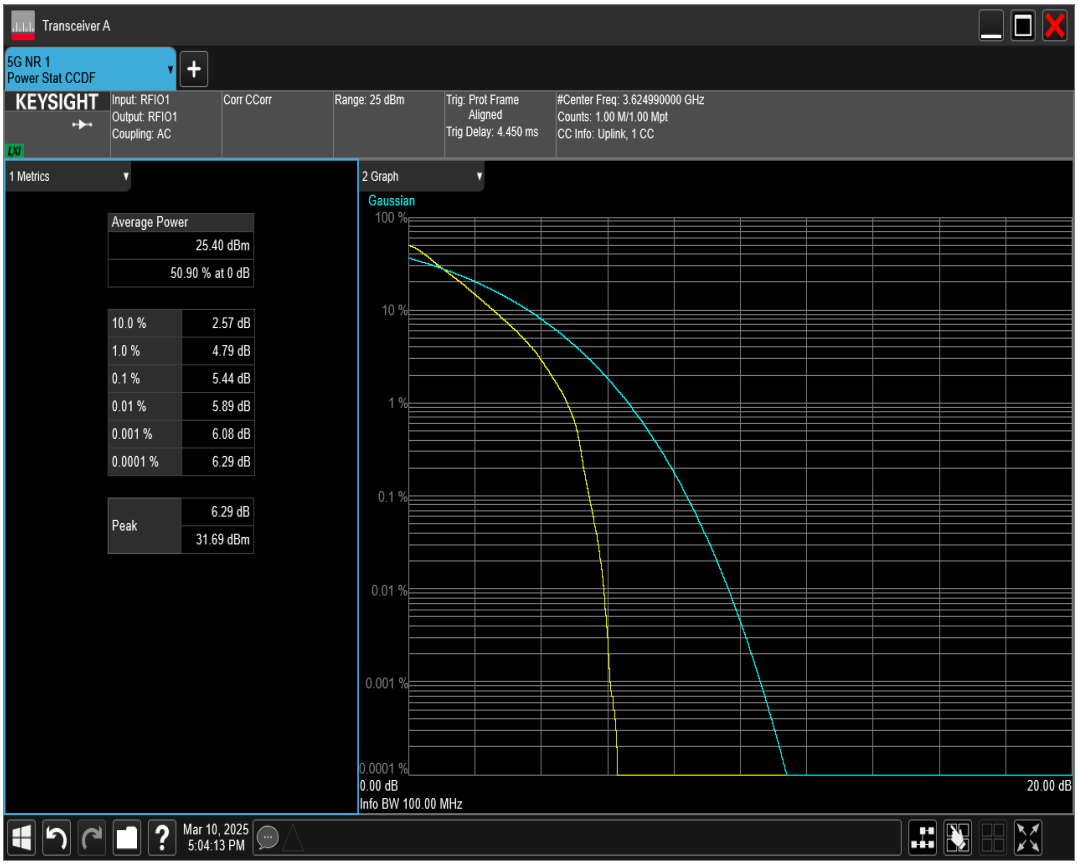
n78(3550-3700) SCS=30kHz DFT_QAM256 BW=90MHz Channel=641666 RB=240@0



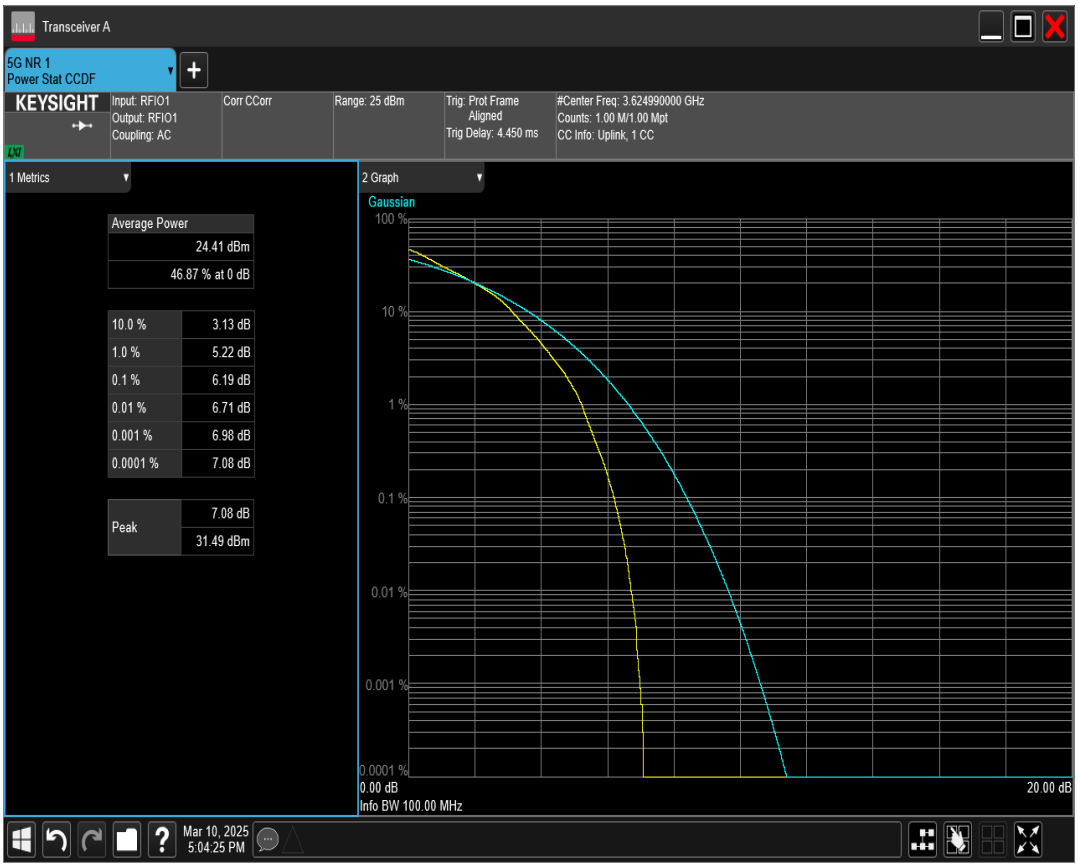
n78(3550-3700) SCS=30kHz DFT_BPSK BW=100MHz Channel=641666 RB=270@0



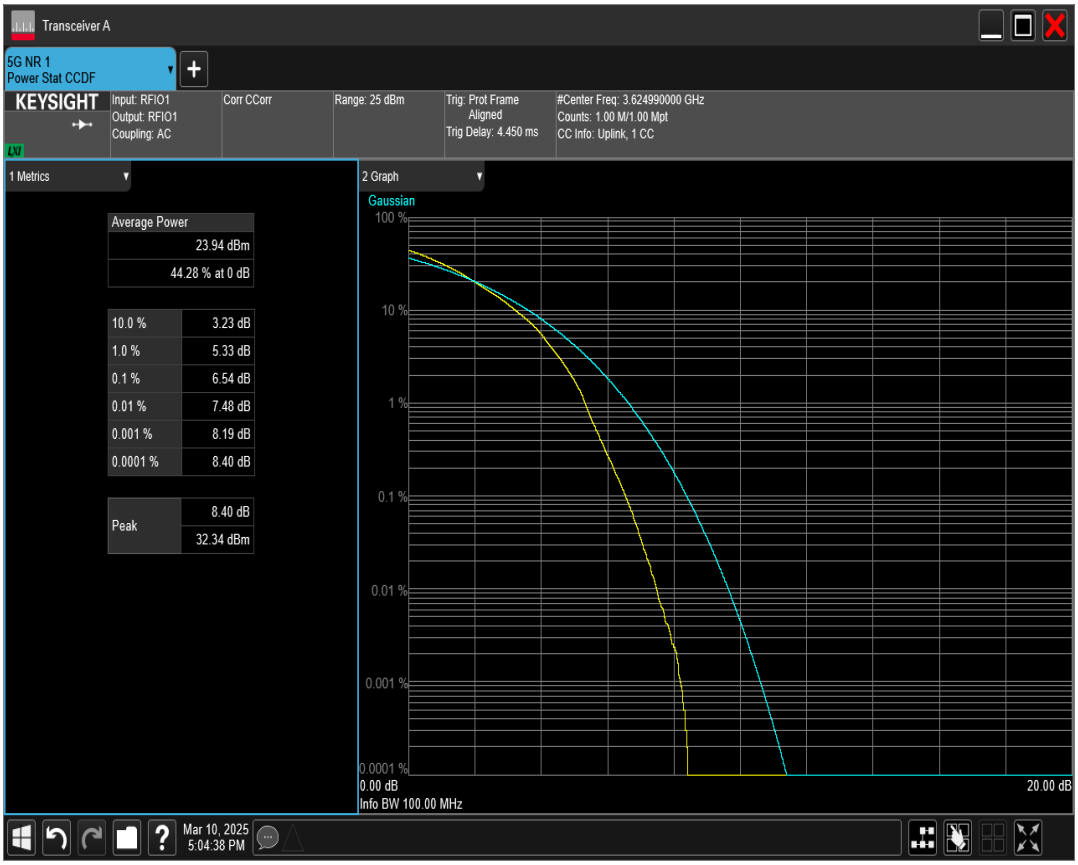
n78(3550-3700) SCS=30kHz DFT_QPSK BW=100MHz Channel=641666 RB=270@0



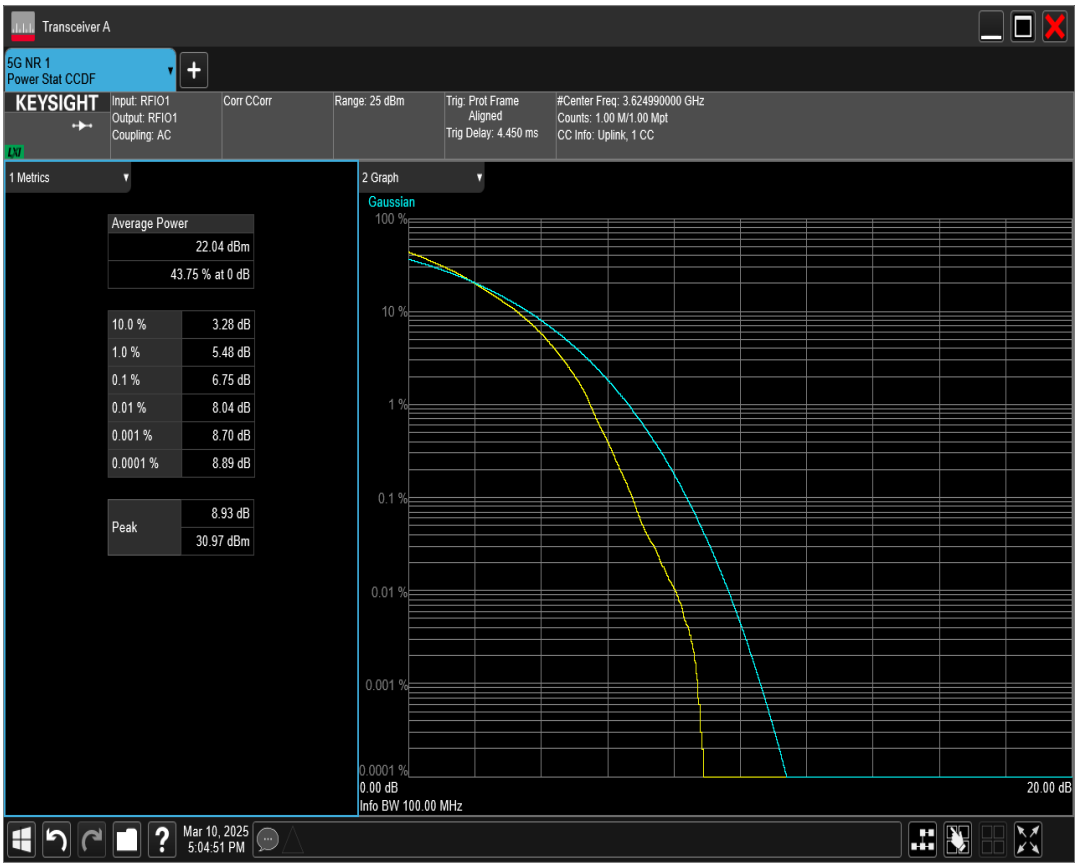
n78(3550-3700) SCS=30kHz DFT_QAM16 BW=100MHz Channel=641666 RB=270@0



n78(3550-3700) SCS=30kHz DFT_QAM64 BW=100MHz Channel=641666 RB=270@0



n78(3550-3700) SCS=30kHz DFT_QAM256 BW=100MHz Channel=641666 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
n78(3550-3700)	30	10	637000	24@0	DFT_BPSK	8.678	9.373	PASS
n78(3550-3700)	30	10	637000	24@0	DFT_QPSK	7.693	7.986	PASS
n78(3550-3700)	30	10	637000	24@0	DFT_QAM16	8.681	9.107	PASS
n78(3550-3700)	30	10	637000	24@0	DFT_QAM64	8.640	9.175	PASS
n78(3550-3700)	30	10	637000	24@0	DFT_QAM256	8.615	9.043	PASS
n78(3550-3700)	30	10	637000	24@0	CP_QPSK	8.640	9.208	PASS
n78(3550-3700)	30	10	641666	24@0	DFT_BPSK	8.601	9.265	PASS
n78(3550-3700)	30	10	641666	24@0	DFT_QPSK	8.619	9.442	PASS
n78(3550-3700)	30	10	641666	24@0	DFT_QAM16	8.573	9.034	PASS
n78(3550-3700)	30	10	641666	24@0	DFT_QAM64	8.577	9.281	PASS
n78(3550-3700)	30	10	641666	24@0	DFT_QAM256	8.561	9.064	PASS
n78(3550-3700)	30	10	641666	24@0	CP_QPSK	8.613	9.096	PASS
n78(3550-3700)	30	10	646332	24@0	DFT_BPSK	8.543	9.192	PASS
n78(3550-3700)	30	10	646332	24@0	DFT_QPSK	8.518	9.137	PASS
n78(3550-3700)	30	10	646332	24@0	DFT_QAM16	8.596	9.222	PASS
n78(3550-3700)	30	10	646332	24@0	DFT_QAM64	8.569	9.092	PASS
n78(3550-3700)	30	10	646332	24@0	DFT_QAM256	8.566	9.145	PASS
n78(3550-3700)	30	10	646332	24@0	CP_QPSK	8.592	9.110	PASS
n78(3550-3700)	30	15	637168	36@0	DFT_BPSK	12.820	13.602	PASS
n78(3550-3700)	30	15	637168	36@0	DFT_QPSK	12.932	13.604	PASS
n78(3550-3700)	30	15	637168	36@0	DFT_QAM16	12.767	13.673	PASS
n78(3550-3700)	30	15	637168	36@0	DFT_QAM64	12.782	13.782	PASS
n78(3550-3700)	30	15	637168	36@0	DFT_QAM256	12.778	13.533	PASS
n78(3550-3700)	30	15	637168	38@0	CP_QPSK	13.644	14.317	PASS
n78(3550-3700)	30	15	641666	36@0	DFT_BPSK	12.936	13.644	PASS
n78(3550-3700)	30	15	641666	36@0	DFT_QPSK	12.886	13.720	PASS
n78(3550-3700)	30	15	641666	36@0	DFT_QAM16	12.980	13.584	PASS
n78(3550-3700)	30	15	641666	36@0	DFT_QAM64	12.877	13.523	PASS
n78(3550-3700)	30	15	641666	36@0	DFT_QAM256	12.966	13.521	PASS
n78(3550-3700)	30	15	641666	38@0	CP_QPSK	13.653	14.296	PASS
n78(3550-3700)	30	15	646166	36@0	DFT_BPSK	12.884	13.724	PASS
n78(3550-3700)	30	15	646166	36@0	DFT_QPSK	12.972	13.798	PASS
n78(3550-3700)	30	15	646166	36@0	DFT_QAM16	12.904	13.693	PASS
n78(3550-3700)	30	15	646166	36@0	DFT_QAM64	12.885	13.872	PASS
n78(3550-3700)	30	15	646166	36@0	DFT_QAM256	12.886	13.800	PASS
n78(3550-3700)	30	15	646166	38@0	CP_QPSK	13.541	14.459	PASS
n78(3550-3700)	30	20	637334	50@0	DFT_BPSK	17.927	19.093	PASS
n78(3550-3700)	30	20	637334	50@0	DFT_QPSK	17.974	18.868	PASS
n78(3550-3700)	30	20	637334	50@0	DFT_QAM16	17.968	18.914	PASS

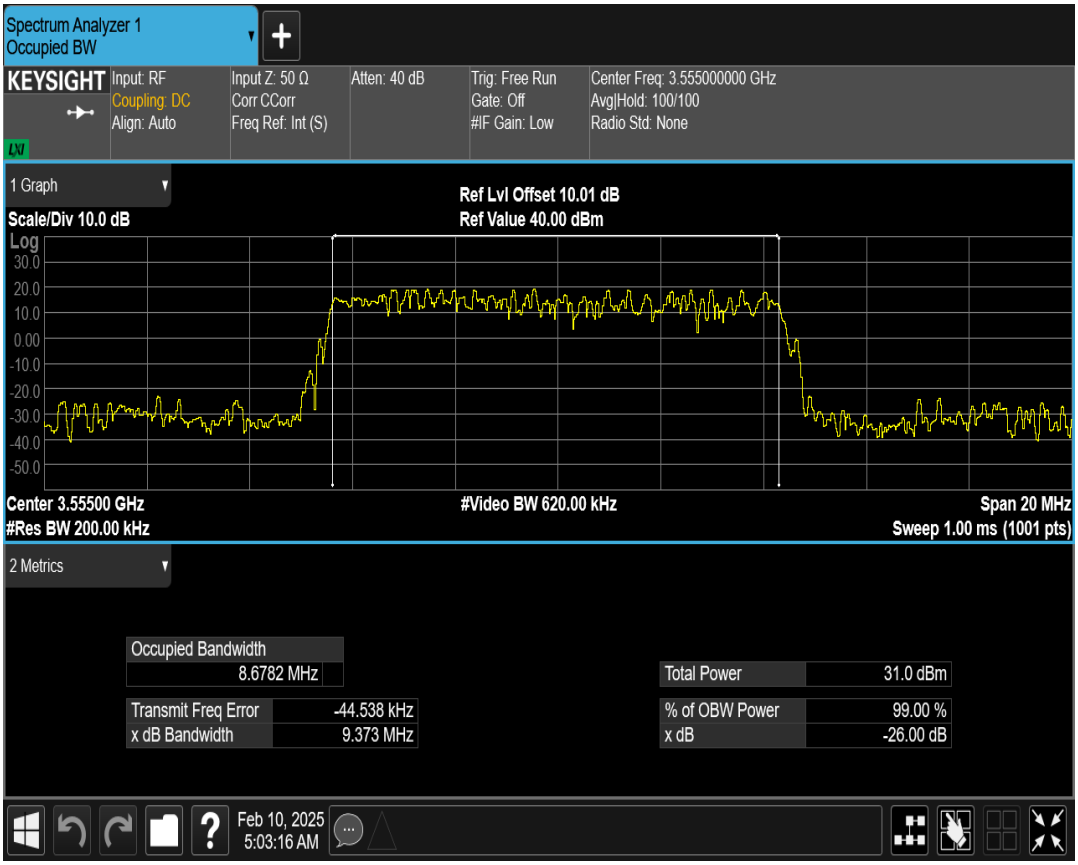
n78(3550-3700)	30	20	637334	50@0	DFT_QAM64	17.938	18.871	PASS
n78(3550-3700)	30	20	637334	50@0	DFT_QAM256	17.874	18.981	PASS
n78(3550-3700)	30	20	637334	51@0	CP_QPSK	18.172	19.255	PASS
n78(3550-3700)	30	20	641666	50@0	DFT_BPSK	17.918	19.048	PASS
n78(3550-3700)	30	20	641666	50@0	DFT_QPSK	17.869	18.884	PASS
n78(3550-3700)	30	20	641666	50@0	DFT_QAM16	17.951	18.904	PASS
n78(3550-3700)	30	20	641666	50@0	DFT_QAM64	17.848	18.909	PASS
n78(3550-3700)	30	20	641666	50@0	DFT_QAM256	17.903	18.930	PASS
n78(3550-3700)	30	20	641666	51@0	CP_QPSK	18.178	19.243	PASS
n78(3550-3700)	30	20	646000	50@0	DFT_BPSK	18.005	18.823	PASS
n78(3550-3700)	30	20	646000	50@0	DFT_QPSK	17.836	18.893	PASS
n78(3550-3700)	30	20	646000	50@0	DFT_QAM16	17.848	18.989	PASS
n78(3550-3700)	30	20	646000	50@0	DFT_QAM64	17.162	17.846	PASS
n78(3550-3700)	30	20	646000	50@0	DFT_QAM256	17.997	18.923	PASS
n78(3550-3700)	30	20	646000	51@0	CP_QPSK	18.282	19.201	PASS
n78(3550-3700)	30	40	638000	100@0	DFT_BPSK	35.537	37.554	PASS
n78(3550-3700)	30	40	638000	100@0	DFT_QPSK	35.855	37.505	PASS
n78(3550-3700)	30	40	638000	100@0	DFT_QAM16	35.848	37.479	PASS
n78(3550-3700)	30	40	638000	100@0	DFT_QAM64	35.781	37.532	PASS
n78(3550-3700)	30	40	638000	100@0	DFT_QAM256	35.816	37.570	PASS
n78(3550-3700)	30	40	638000	106@0	CP_QPSK	37.724	39.756	PASS
n78(3550-3700)	30	40	641666	100@0	DFT_BPSK	35.915	37.609	PASS
n78(3550-3700)	30	40	641666	100@0	DFT_QPSK	35.803	37.794	PASS
n78(3550-3700)	30	40	641666	100@0	DFT_QAM16	35.828	37.711	PASS
n78(3550-3700)	30	40	641666	100@0	DFT_QAM64	35.812	37.826	PASS
n78(3550-3700)	30	40	641666	100@0	DFT_QAM256	35.577	37.666	PASS
n78(3550-3700)	30	40	641666	106@0	CP_QPSK	37.794	39.809	PASS
n78(3550-3700)	30	40	645332	100@0	DFT_BPSK	36.090	37.668	PASS
n78(3550-3700)	30	40	645332	100@0	DFT_QPSK	35.826	37.831	PASS
n78(3550-3700)	30	40	645332	100@0	DFT_QAM16	35.779	37.674	PASS
n78(3550-3700)	30	40	645332	100@0	DFT_QAM64	35.821	37.692	PASS
n78(3550-3700)	30	40	645332	100@0	DFT_QAM256	35.928	37.687	PASS
n78(3550-3700)	30	40	645332	106@0	CP_QPSK	37.816	39.773	PASS
n78(3550-3700)	30	50	638334	128@0	DFT_BPSK	45.774	48.168	PASS
n78(3550-3700)	30	50	638334	128@0	DFT_QPSK	45.830	48.219	PASS
n78(3550-3700)	30	50	638334	128@0	DFT_QAM16	45.894	48.075	PASS
n78(3550-3700)	30	50	638334	128@0	DFT_QAM64	45.667	48.340	PASS
n78(3550-3700)	30	50	638334	128@0	DFT_QAM256	45.661	48.184	PASS
n78(3550-3700)	30	50	638334	133@0	CP_QPSK	47.501	49.741	PASS
n78(3550-3700)	30	50	641666	128@0	DFT_BPSK	45.931	48.123	PASS
n78(3550-3700)	30	50	641666	128@0	DFT_QPSK	45.597	47.985	PASS
n78(3550-3700)	30	50	641666	128@0	DFT_QAM16	45.991	47.578	PASS
n78(3550-3700)	30	50	641666	128@0	DFT_QAM64	45.871	47.783	PASS

n78(3550-3700)	30	50	641666	128@0	DFT_QAM256	46.037	48.018	PASS
n78(3550-3700)	30	50	641666	133@0	CP_QPSK	47.592	49.843	PASS
n78(3550-3700)	30	50	645000	128@0	DFT_BPSK	45.904	47.820	PASS
n78(3550-3700)	30	50	645000	128@0	DFT_QPSK	45.788	48.141	PASS
n78(3550-3700)	30	50	645000	128@0	DFT_QAM16	46.092	48.146	PASS
n78(3550-3700)	30	50	645000	128@0	DFT_QAM64	45.879	47.921	PASS
n78(3550-3700)	30	50	645000	128@0	DFT_QAM256	45.853	47.914	PASS
n78(3550-3700)	30	50	645000	133@0	CP_QPSK	47.586	50.043	PASS
n78(3550-3700)	30	60	638668	162@0	DFT_BPSK	57.885	60.967	PASS
n78(3550-3700)	30	60	638668	162@0	DFT_QPSK	57.497	60.647	PASS
n78(3550-3700)	30	60	638668	162@0	DFT_QAM16	57.997	60.689	PASS
n78(3550-3700)	30	60	638668	162@0	DFT_QAM64	57.635	60.784	PASS
n78(3550-3700)	30	60	638668	162@0	DFT_QAM256	58.059	60.496	PASS
n78(3550-3700)	30	60	638668	162@0	CP_QPSK	57.997	60.696	PASS
n78(3550-3700)	30	60	641666	162@0	DFT_BPSK	58.001	60.842	PASS
n78(3550-3700)	30	60	641666	162@0	DFT_QPSK	58.106	60.659	PASS
n78(3550-3700)	30	60	641666	162@0	DFT_QAM16	57.946	60.590	PASS
n78(3550-3700)	30	60	641666	162@0	DFT_QAM64	57.920	60.807	PASS
n78(3550-3700)	30	60	641666	162@0	DFT_QAM256	57.743	60.483	PASS
n78(3550-3700)	30	60	641666	162@0	CP_QPSK	57.991	60.725	PASS
n78(3550-3700)	30	60	644666	162@0	DFT_BPSK	57.838	60.648	PASS
n78(3550-3700)	30	60	644666	162@0	DFT_QPSK	58.032	60.884	PASS
n78(3550-3700)	30	60	644666	162@0	DFT_QAM16	57.917	60.845	PASS
n78(3550-3700)	30	60	644666	162@0	DFT_QAM64	58.246	60.715	PASS
n78(3550-3700)	30	60	644666	162@0	DFT_QAM256	57.901	60.762	PASS
n78(3550-3700)	30	60	644666	162@0	CP_QPSK	57.789	60.528	PASS
n78(3550-3700)	30	70	639000	180@0	DFT_BPSK	64.269	67.795	PASS
n78(3550-3700)	30	70	639000	180@0	DFT_QPSK	64.451	67.881	PASS
n78(3550-3700)	30	70	639000	180@0	DFT_QAM16	64.129	67.814	PASS
n78(3550-3700)	30	70	639000	180@0	DFT_QAM64	64.458	67.786	PASS
n78(3550-3700)	30	70	639000	180@0	DFT_QAM256	64.394	67.696	PASS
n78(3550-3700)	30	70	639000	189@0	CP_QPSK	67.815	71.096	PASS
n78(3550-3700)	30	70	641666	180@0	DFT_BPSK	64.860	67.593	PASS
n78(3550-3700)	30	70	641666	180@0	DFT_QPSK	64.566	67.768	PASS
n78(3550-3700)	30	70	641666	180@0	DFT_QAM16	64.409	67.695	PASS
n78(3550-3700)	30	70	641666	180@0	DFT_QAM64	63.917	67.977	PASS
n78(3550-3700)	30	70	641666	180@0	DFT_QAM256	64.463	67.444	PASS
n78(3550-3700)	30	70	641666	189@0	CP_QPSK	67.502	70.914	PASS
n78(3550-3700)	30	70	644332	180@0	DFT_BPSK	64.336	67.839	PASS
n78(3550-3700)	30	70	644332	180@0	DFT_QPSK	64.452	67.376	PASS
n78(3550-3700)	30	70	644332	180@0	DFT_QAM16	64.411	67.984	PASS
n78(3550-3700)	30	70	644332	180@0	DFT_QAM64	64.386	67.863	PASS
n78(3550-3700)	30	70	644332	180@0	DFT_QAM256	64.239	67.770	PASS

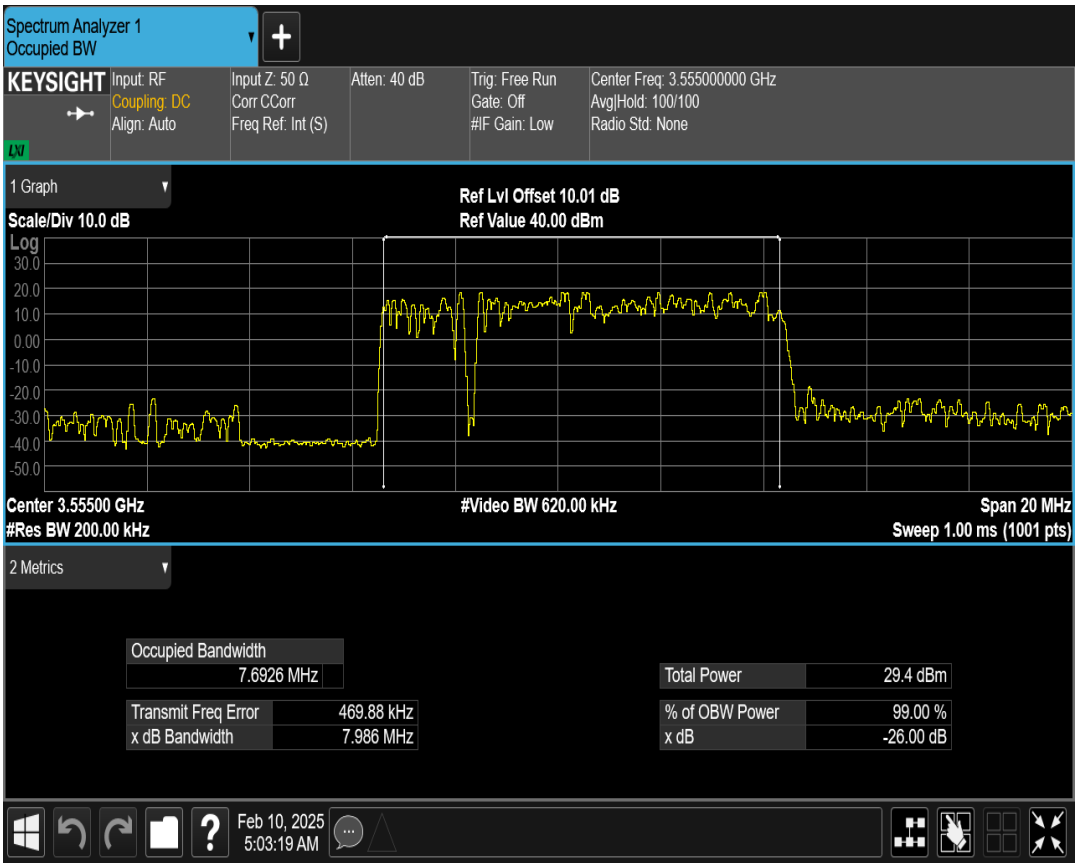
n78(3550-3700)	30	70	644332	189@0	CP_QPSK	67.663	75.923	PASS
n78(3550-3700)	30	80	639334	216@0	DFT_BPSK	77.316	80.666	PASS
n78(3550-3700)	30	80	639334	216@0	DFT_QPSK	77.242	80.512	PASS
n78(3550-3700)	30	80	639334	216@0	DFT_QAM16	77.154	80.750	PASS
n78(3550-3700)	30	80	639334	216@0	DFT_QAM64	77.204	80.888	PASS
n78(3550-3700)	30	80	639334	216@0	DFT_QAM256	76.811	80.977	PASS
n78(3550-3700)	30	80	639334	217@0	CP_QPSK	77.474	81.324	PASS
n78(3550-3700)	30	80	641666	216@0	DFT_BPSK	77.224	81.206	PASS
n78(3550-3700)	30	80	641666	216@0	DFT_QPSK	77.119	80.977	PASS
n78(3550-3700)	30	80	641666	216@0	DFT_QAM16	77.380	80.865	PASS
n78(3550-3700)	30	80	641666	216@0	DFT_QAM64	77.067	80.931	PASS
n78(3550-3700)	30	80	641666	216@0	DFT_QAM256	77.248	81.017	PASS
n78(3550-3700)	30	80	641666	217@0	CP_QPSK	77.756	81.481	PASS
n78(3550-3700)	30	80	644000	216@0	DFT_BPSK	77.160	81.047	PASS
n78(3550-3700)	30	80	644000	216@0	DFT_QPSK	77.212	81.238	PASS
n78(3550-3700)	30	80	644000	216@0	DFT_QAM16	76.822	81.054	PASS
n78(3550-3700)	30	80	644000	216@0	DFT_QAM64	77.064	80.784	PASS
n78(3550-3700)	30	80	644000	216@0	DFT_QAM256	77.206	80.998	PASS
n78(3550-3700)	30	80	644000	217@0	CP_QPSK	77.724	81.463	PASS
n78(3550-3700)	30	90	639668	240@0	DFT_BPSK	85.878	89.997	PASS
n78(3550-3700)	30	90	639668	240@0	DFT_QPSK	85.907	90.124	PASS
n78(3550-3700)	30	90	639668	240@0	DFT_QAM16	85.479	89.812	PASS
n78(3550-3700)	30	90	639668	240@0	DFT_QAM64	85.747	90.017	PASS
n78(3550-3700)	30	90	639668	240@0	DFT_QAM256	85.616	89.944	PASS
n78(3550-3700)	30	90	639668	245@0	CP_QPSK	87.248	91.934	PASS
n78(3550-3700)	30	90	641666	240@0	DFT_BPSK	85.989	90.382	PASS
n78(3550-3700)	30	90	641666	240@0	DFT_QPSK	85.474	90.206	PASS
n78(3550-3700)	30	90	641666	240@0	DFT_QAM16	85.551	89.904	PASS
n78(3550-3700)	30	90	641666	240@0	DFT_QAM64	85.809	90.160	PASS
n78(3550-3700)	30	90	641666	240@0	DFT_QAM256	85.671	90.218	PASS
n78(3550-3700)	30	90	641666	245@0	CP_QPSK	87.265	91.576	PASS
n78(3550-3700)	30	90	643666	240@0	DFT_BPSK	85.777	89.967	PASS
n78(3550-3700)	30	90	643666	240@0	DFT_QPSK	86.049	90.291	PASS
n78(3550-3700)	30	90	643666	240@0	DFT_QAM16	85.668	89.843	PASS
n78(3550-3700)	30	90	643666	240@0	DFT_QAM64	85.854	90.063	PASS
n78(3550-3700)	30	90	643666	240@0	DFT_QAM256	85.979	90.042	PASS
n78(3550-3700)	30	90	643666	245@0	CP_QPSK	87.492	91.821	PASS
n78(3550-3700)	30	100	640000	270@0	DFT_BPSK	96.629	101.176	PASS
n78(3550-3700)	30	100	640000	270@0	DFT_QPSK	96.344	100.849	PASS
n78(3550-3700)	30	100	640000	270@0	DFT_QAM16	96.366	101.224	PASS
n78(3550-3700)	30	100	640000	270@0	DFT_QAM64	96.756	101.078	PASS
n78(3550-3700)	30	100	640000	270@0	DFT_QAM256	96.324	101.254	PASS
n78(3550-3700)	30	100	640000	273@0	CP_QPSK	97.935	102.565	PASS

n78(3550-3700)	30	100	641666	270@0	DFT_BPSK	96.570	101.140	PASS
n78(3550-3700)	30	100	641666	270@0	DFT_QPSK	96.376	101.400	PASS
n78(3550-3700)	30	100	641666	270@0	DFT_QAM16	96.712	101.470	PASS
n78(3550-3700)	30	100	641666	270@0	DFT_QAM64	96.541	101.109	PASS
n78(3550-3700)	30	100	641666	270@0	DFT_QAM256	96.608	101.328	PASS
n78(3550-3700)	30	100	641666	273@0	CP_QPSK	97.676	102.454	PASS
n78(3550-3700)	30	100	643332	270@0	DFT_BPSK	96.684	101.335	PASS
n78(3550-3700)	30	100	643332	270@0	DFT_QPSK	96.490	100.931	PASS
n78(3550-3700)	30	100	643332	270@0	DFT_QAM16	96.684	101.351	PASS
n78(3550-3700)	30	100	643332	270@0	DFT_QAM64	96.393	101.688	PASS
n78(3550-3700)	30	100	643332	270@0	DFT_QAM256	96.162	100.950	PASS
n78(3550-3700)	30	100	643332	273@0	CP_QPSK	97.571	102.300	PASS

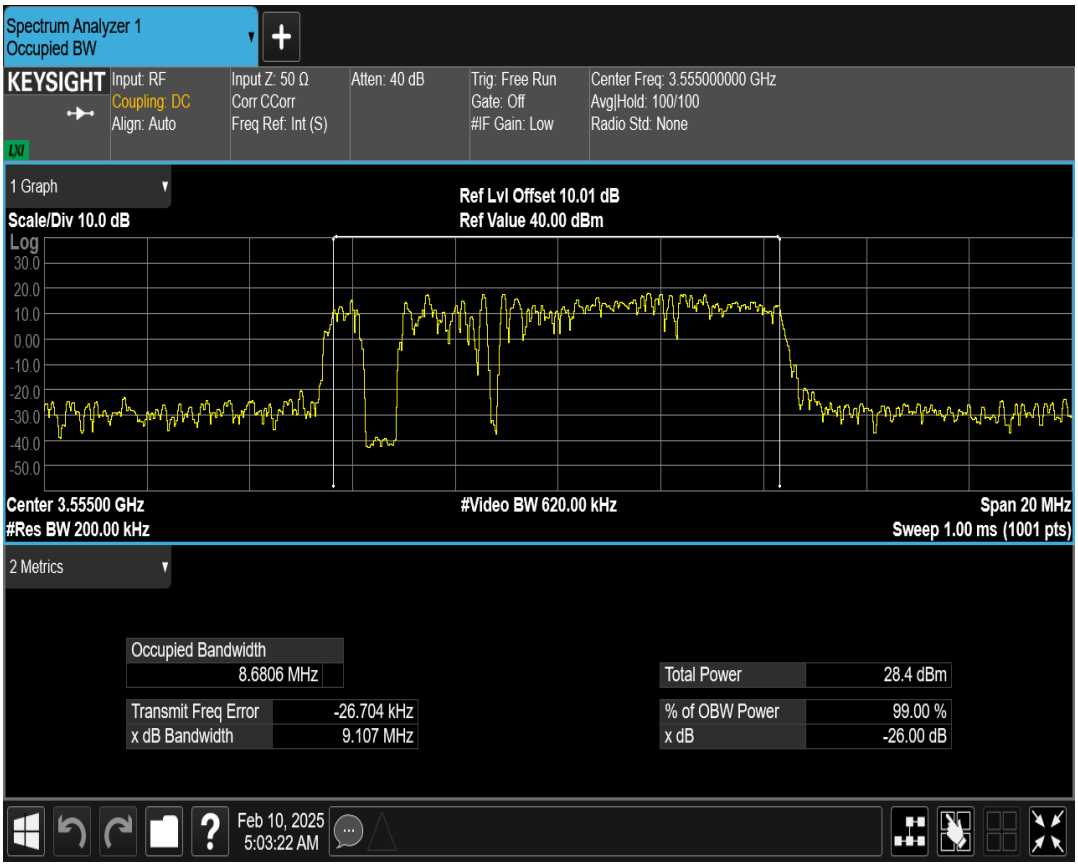
n78(3550-3700) SCS=30kHz DFT_BPSK BW=10MHz Channel=637000 RB=24@0



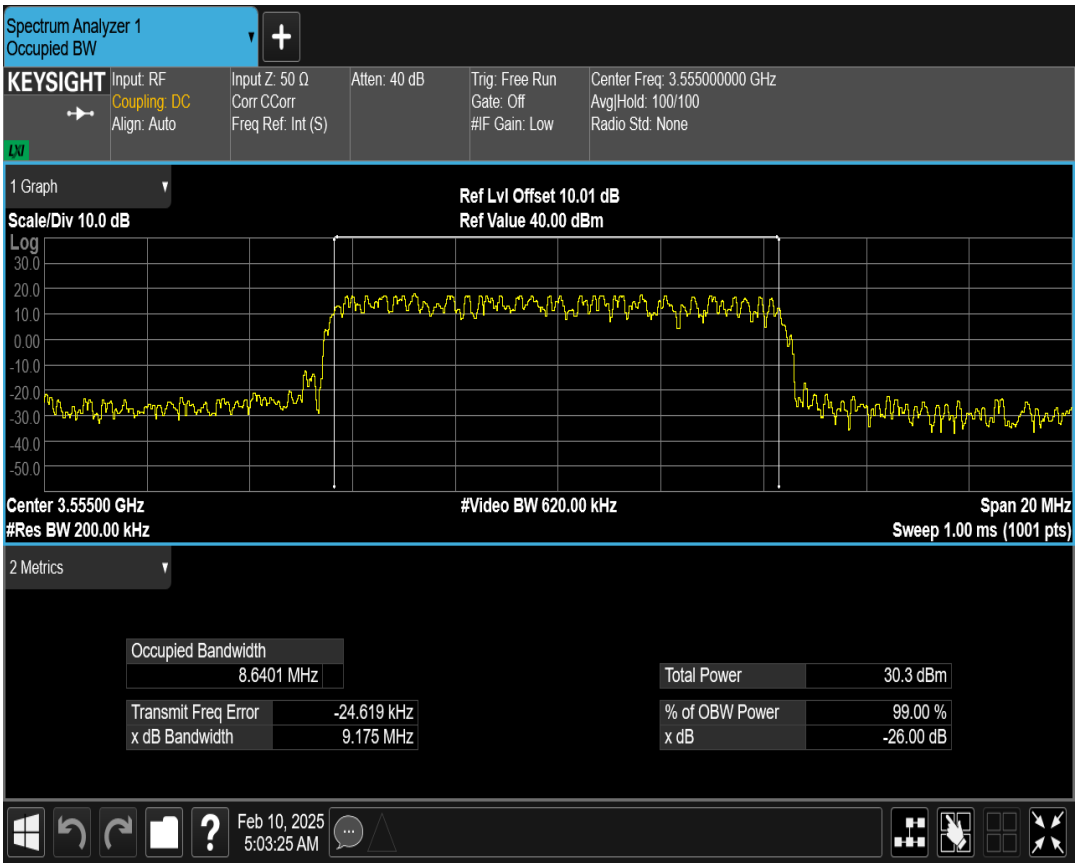
n78(3550-3700) SCS=30kHz DFT_QPSK BW=10MHz Channel=637000 RB=24@0



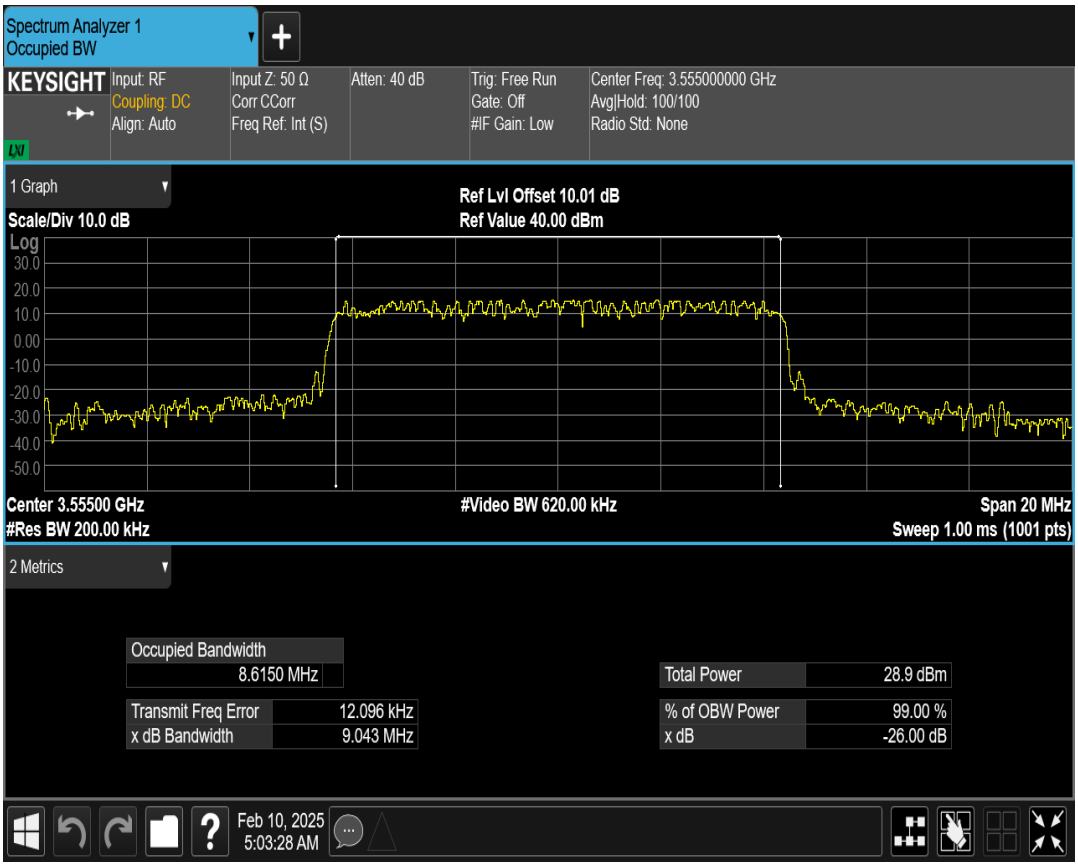
n78(3550-3700) SCS=30kHz DFT_QAM16 BW=10MHz Channel=637000 RB=24@0



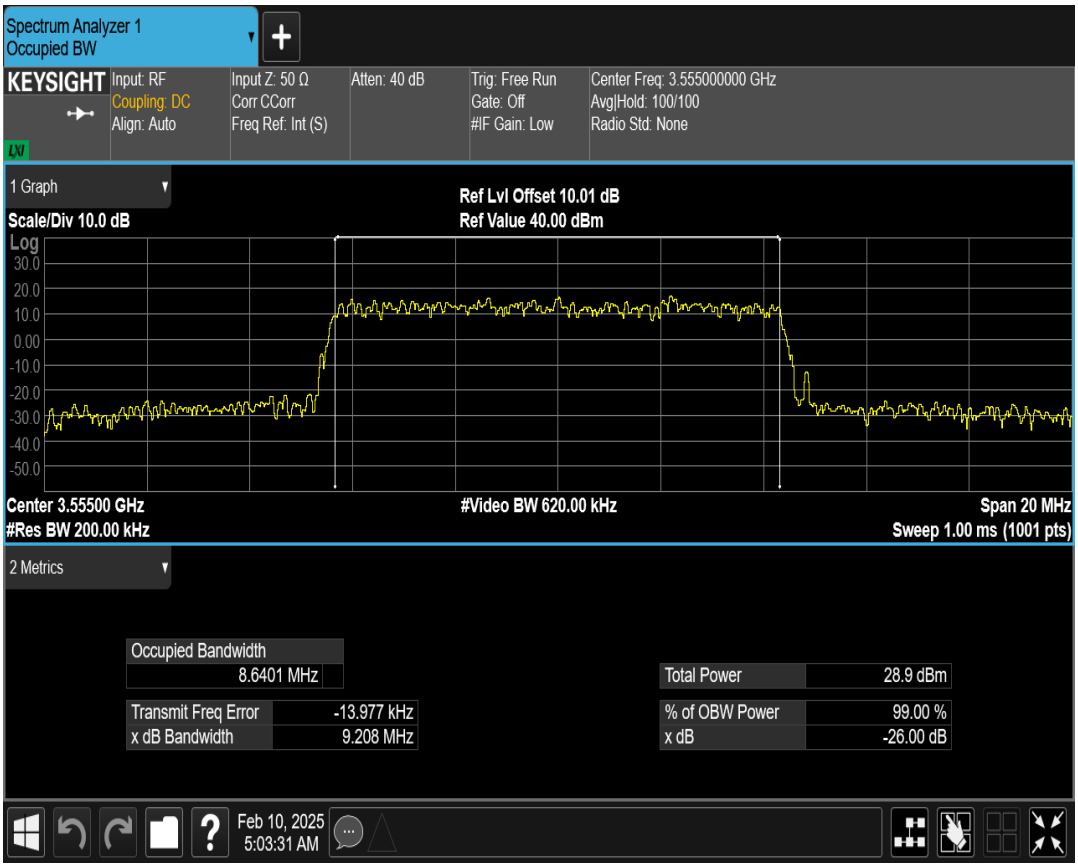
n78(3550-3700) SCS=30kHz DFT_QAM64 BW=10MHz Channel=637000 RB=24@0



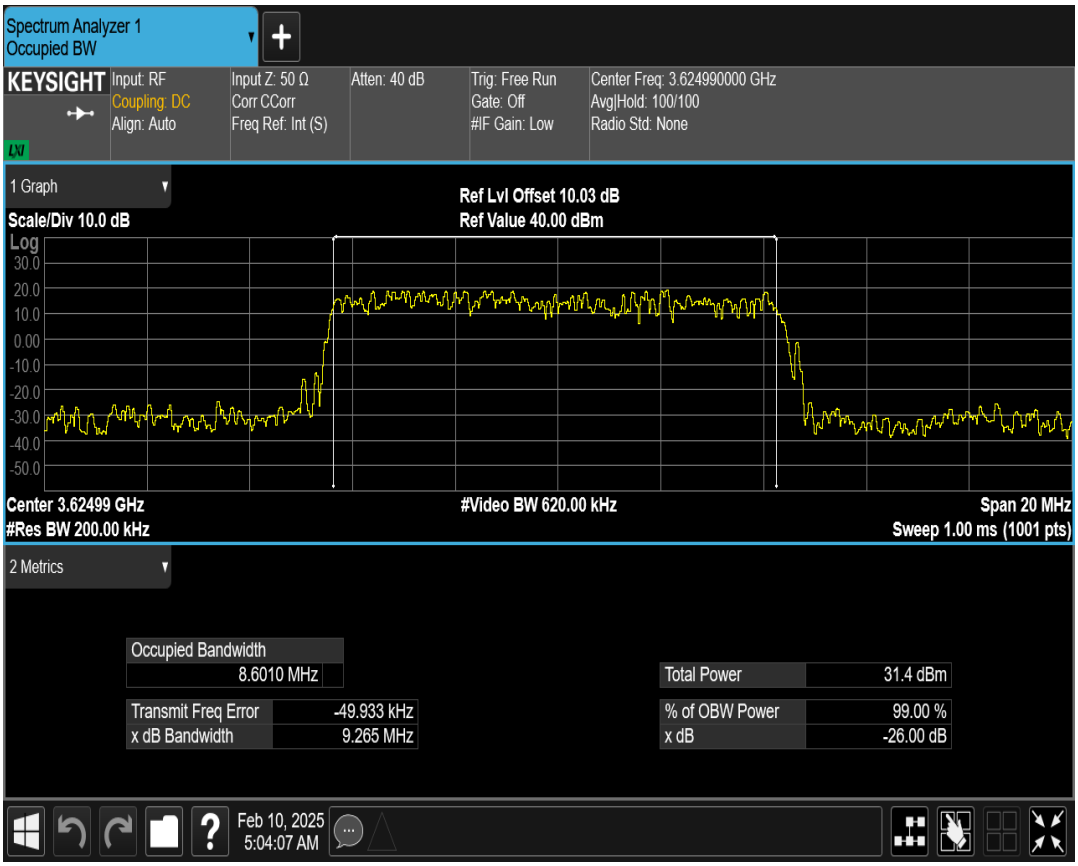
n78(3550-3700) SCS=30kHz DFT_QAM256 BW=10MHz Channel=637000 RB=24@0



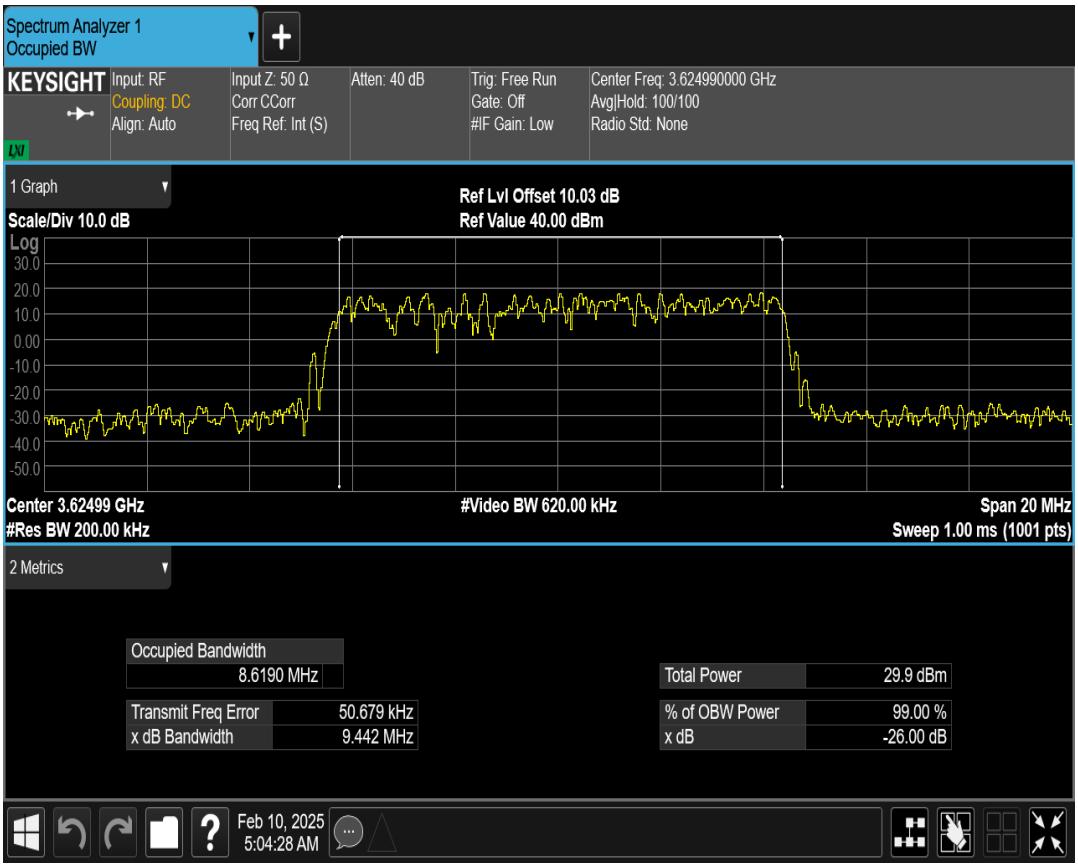
n78(3550-3700) SCS=30kHz CP_QPSK BW=10MHz Channel=637000 RB=24@0



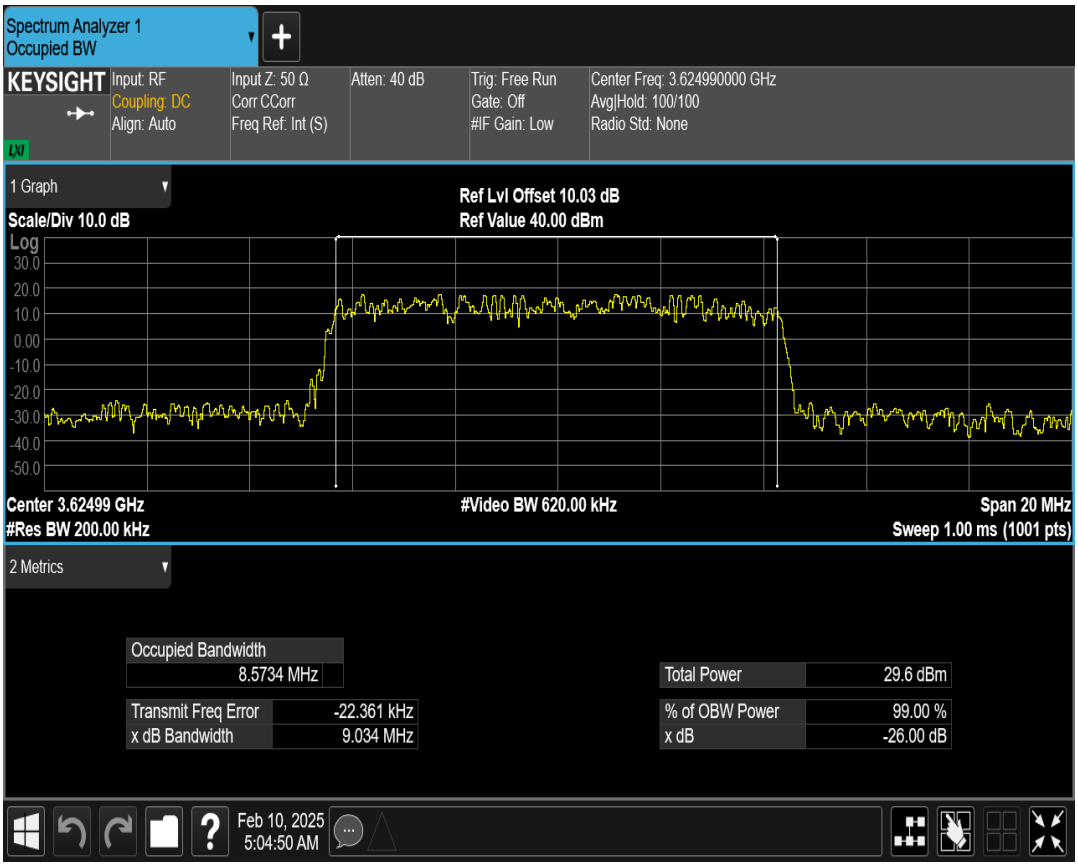
n78(3550-3700) SCS=30kHz DFT_BPSK BW=10MHz Channel=641666 RB=24@0



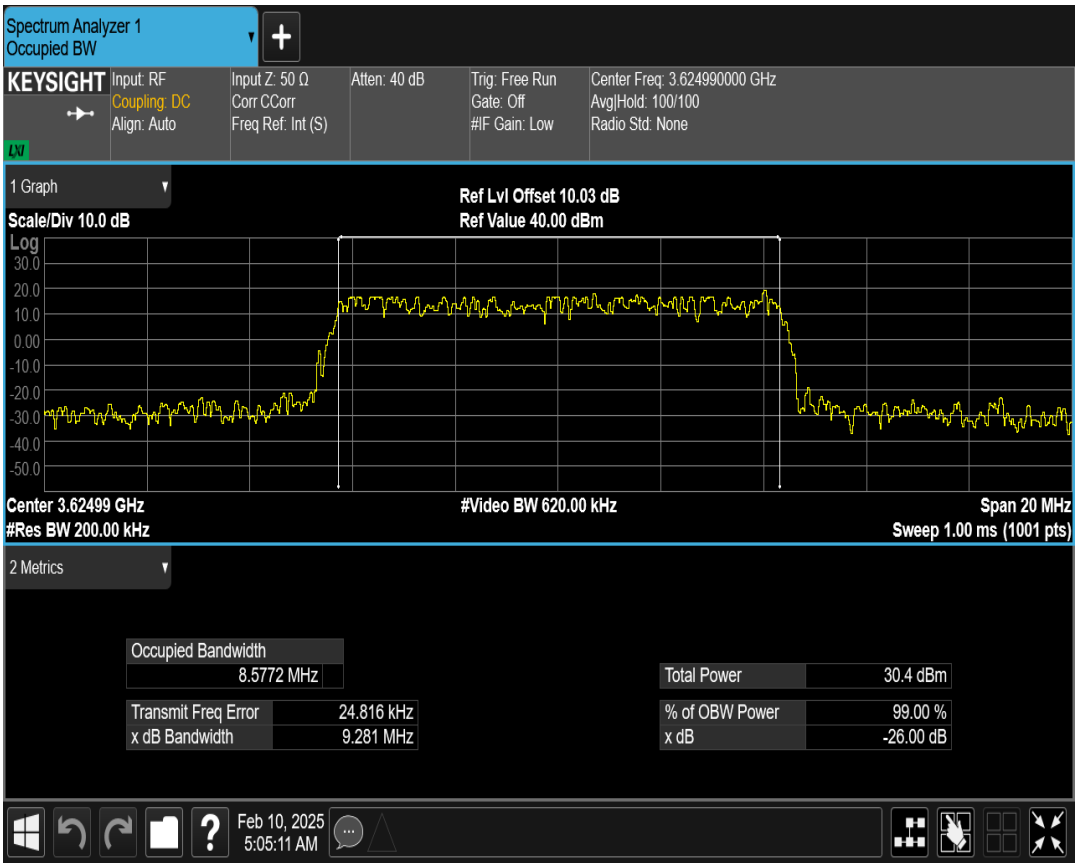
n78(3550-3700) SCS=30kHz DFT_QPSK BW=10MHz Channel=641666 RB=24@0



n78(3550-3700) SCS=30kHz DFT_QAM16 BW=10MHz Channel=641666 RB=24@0



n78(3550-3700) SCS=30kHz DFT_QAM64 BW=10MHz Channel=641666 RB=24@0



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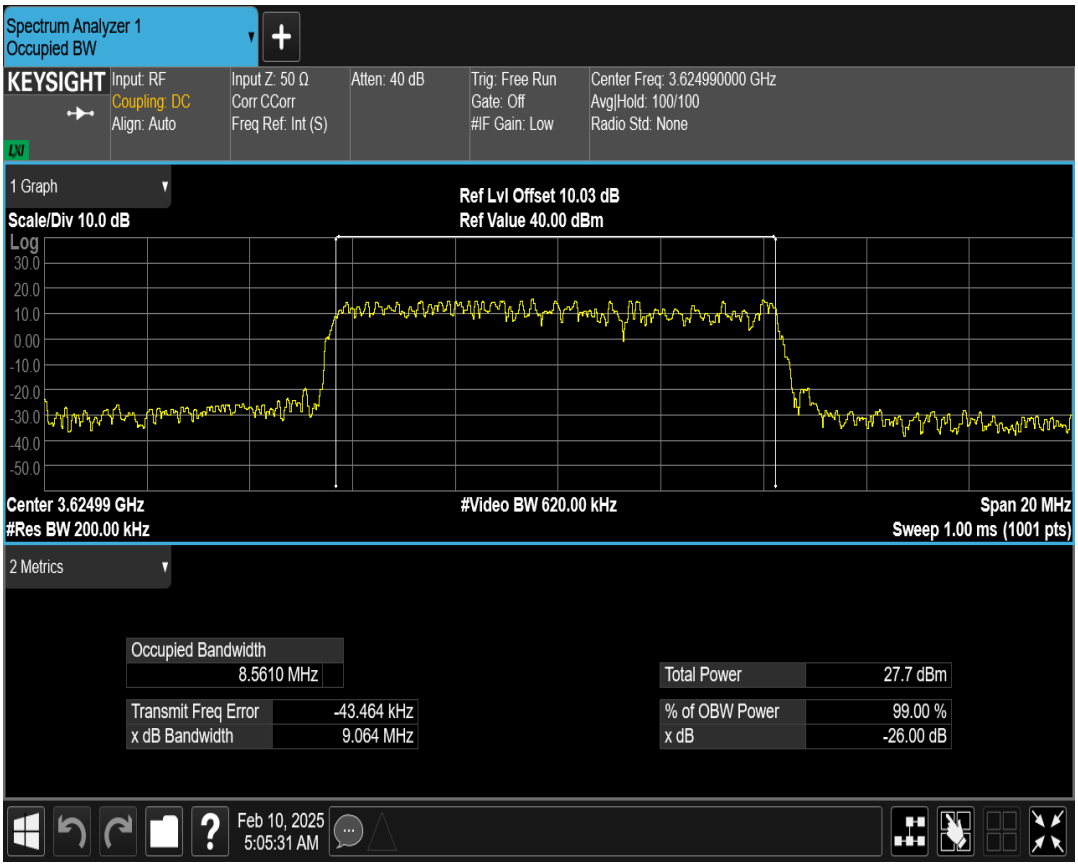

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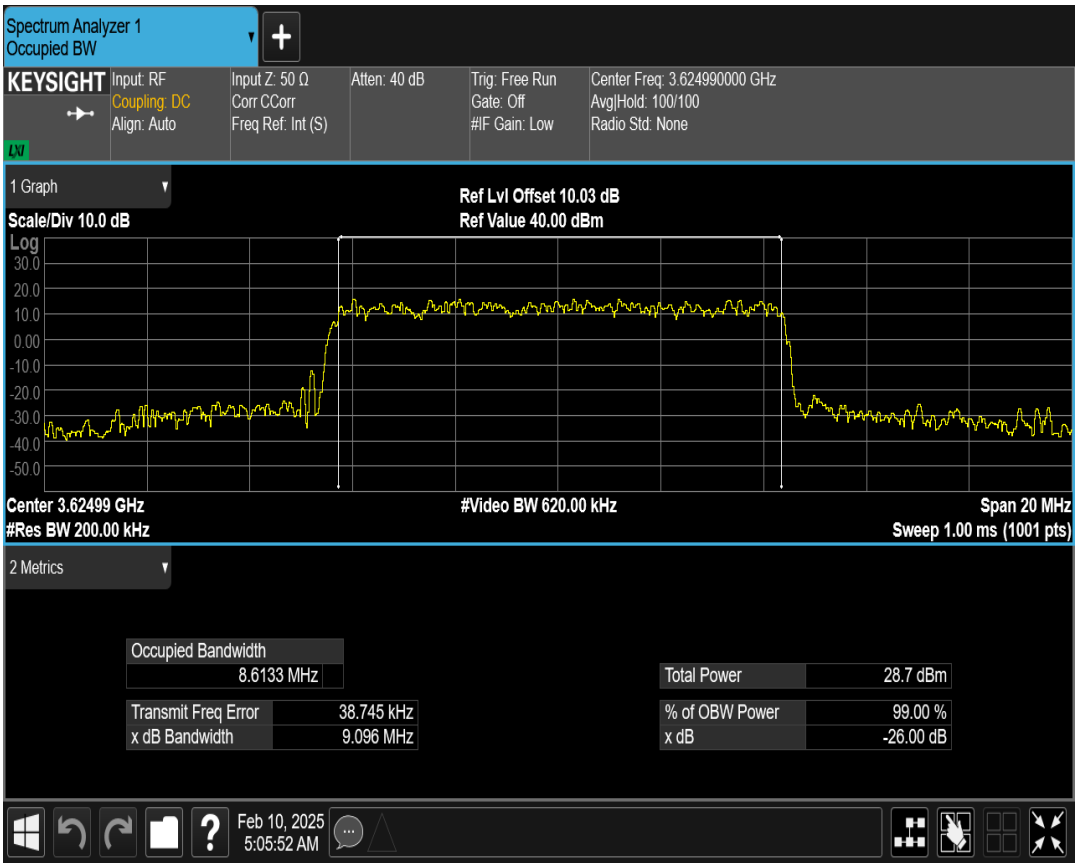

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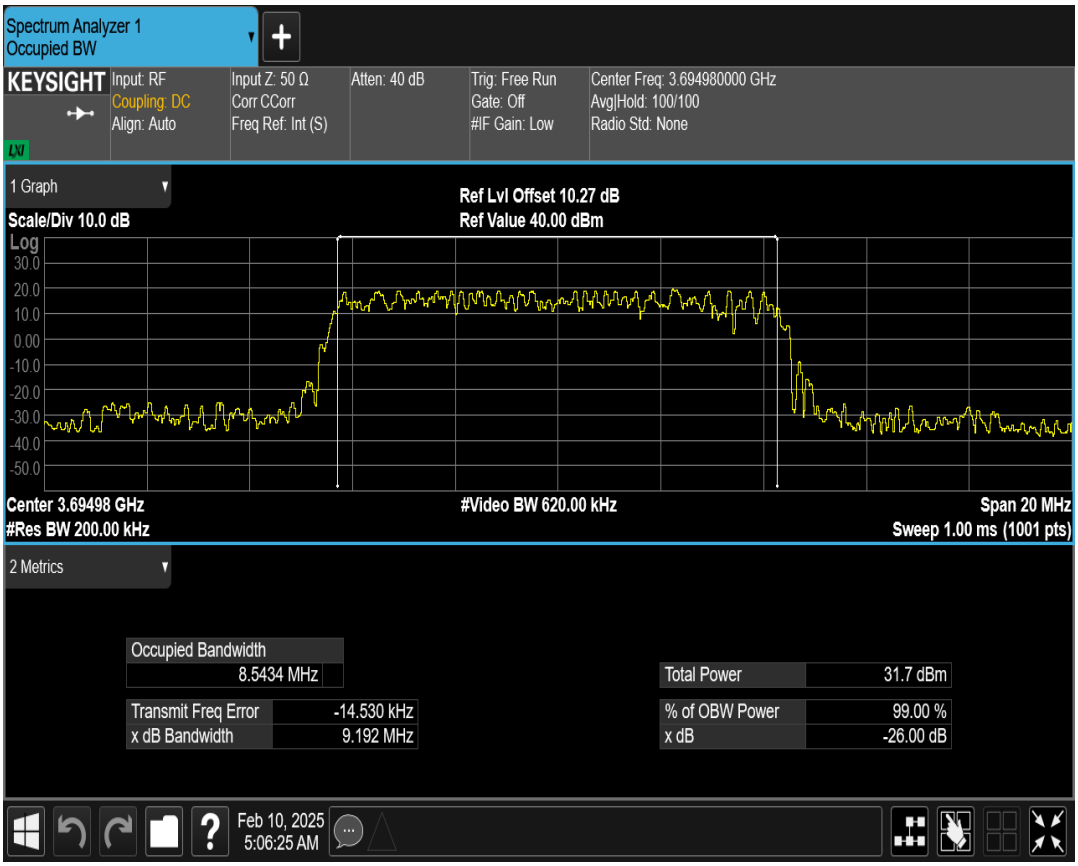
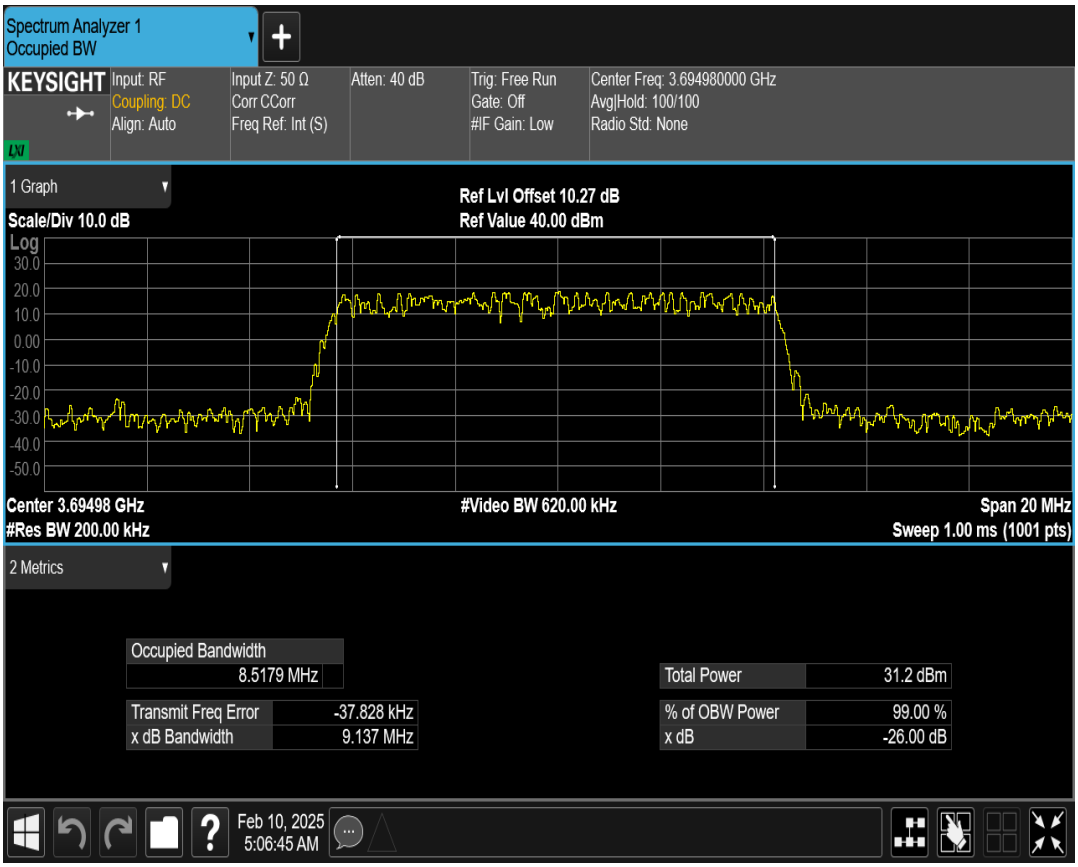
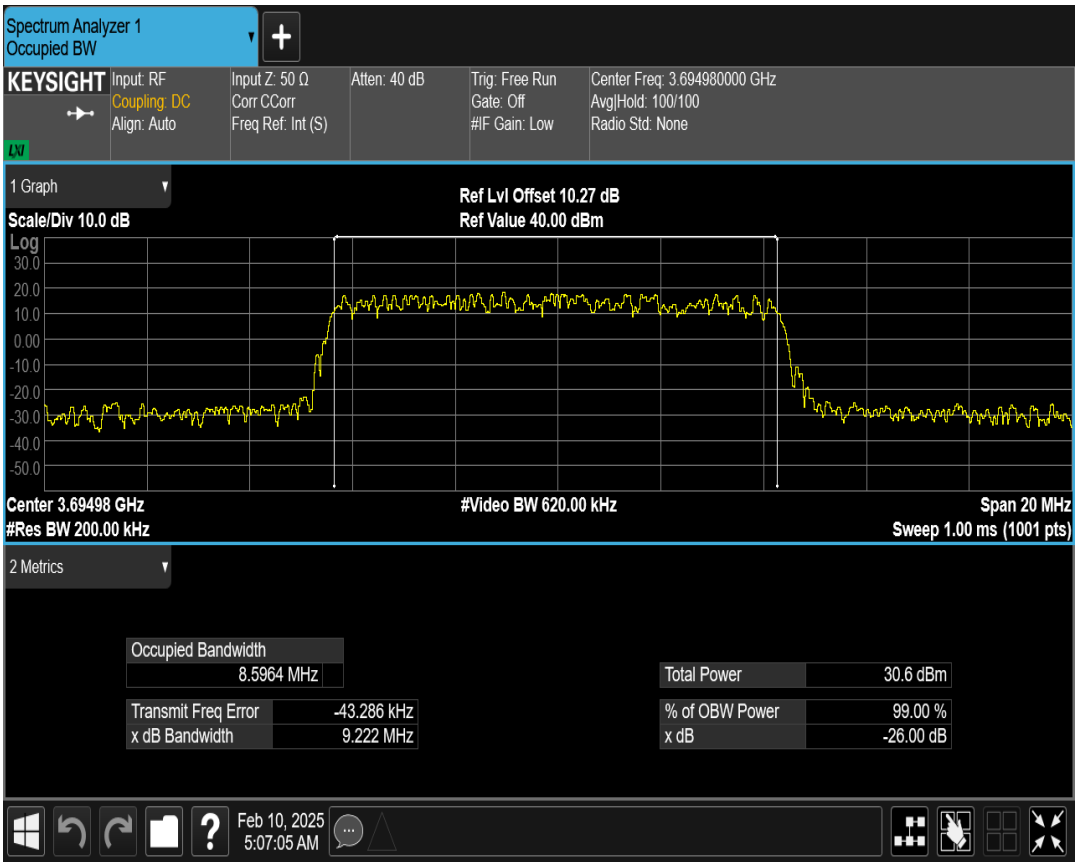


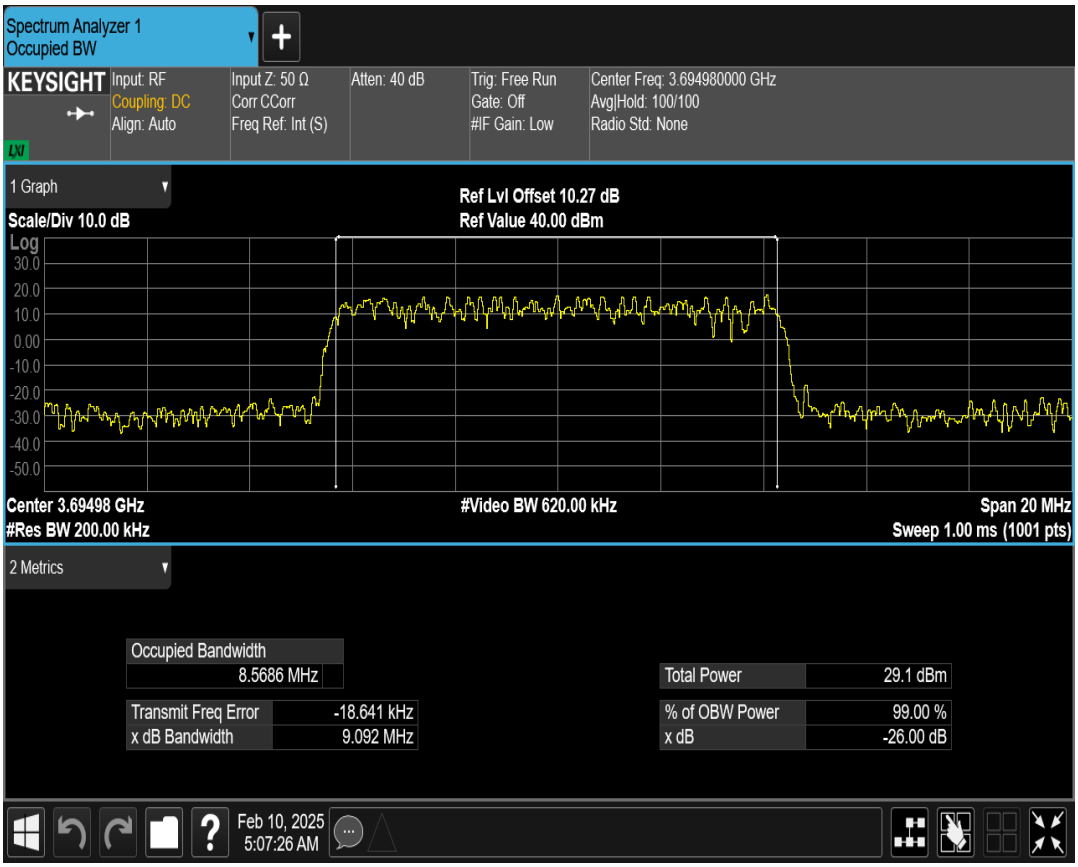
n78(3550-3700) SCS=30kHz DFT_QPSK BW=10MHz Channel=646332 RB=24@0



n78(3550-3700) SCS=30kHz DFT_QAM16 BW=10MHz Channel=646332 RB=24@0



n78(3550-3700) SCS=30kHz DFT_QAM64 BW=10MHz Channel=646332 RB=24@0



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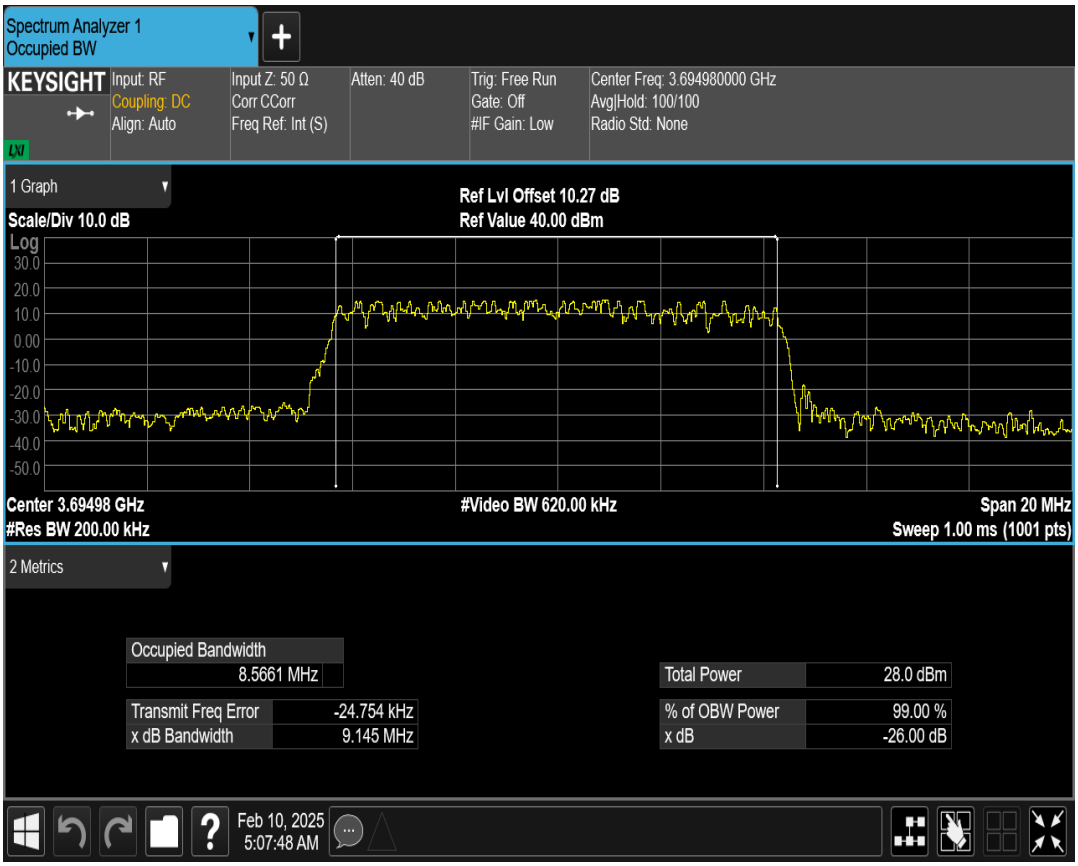
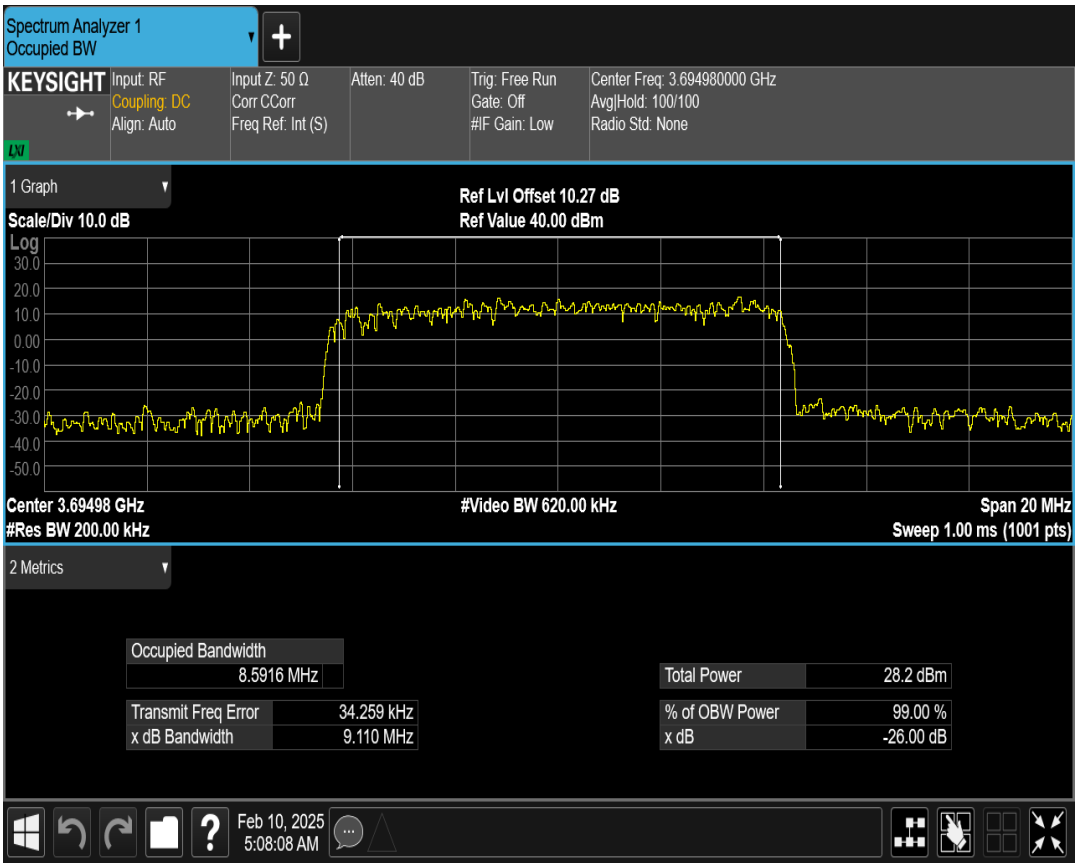
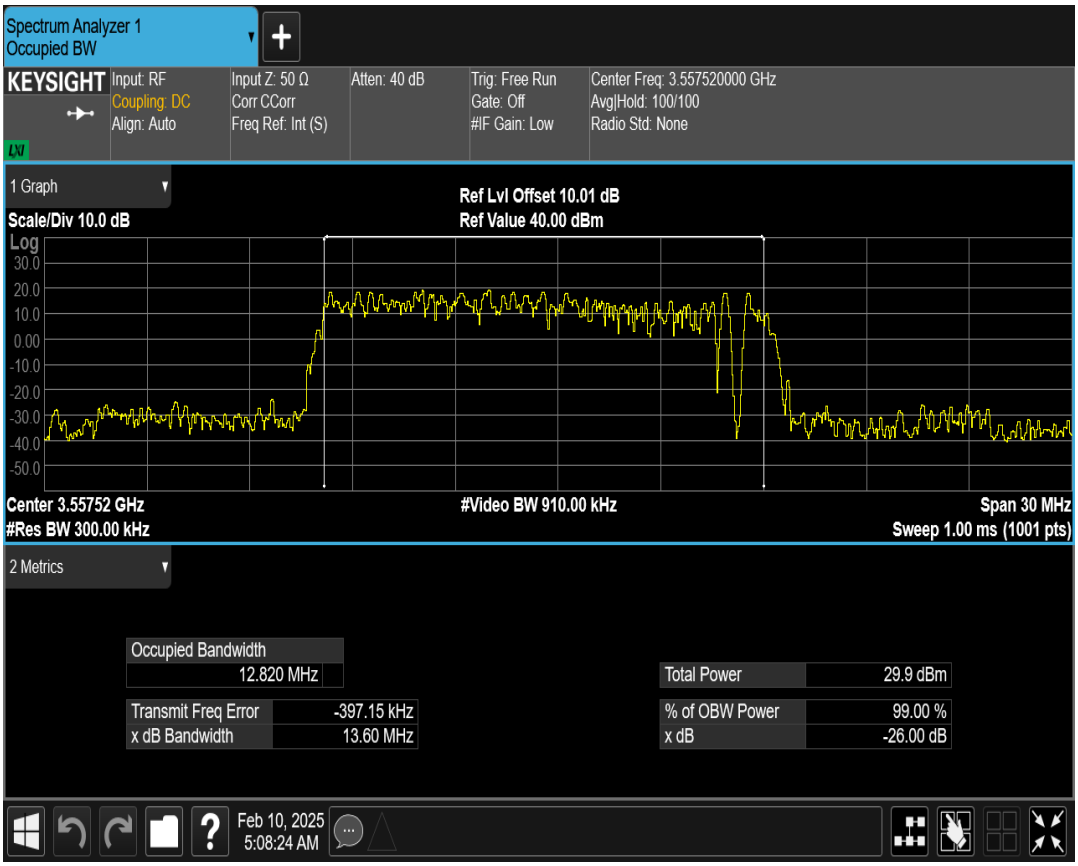


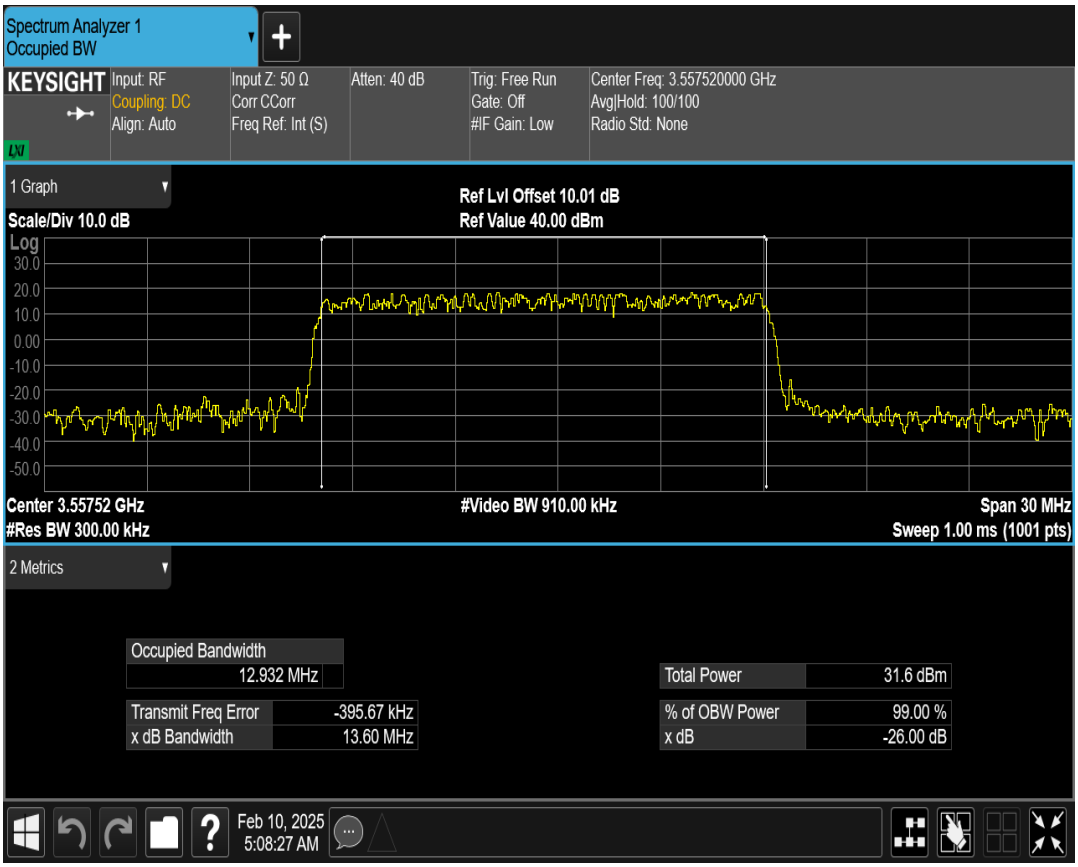
n78(3550-3700) SCS=30kHz CP_QPSK BW=10MHz Channel=646332 RB=24@0



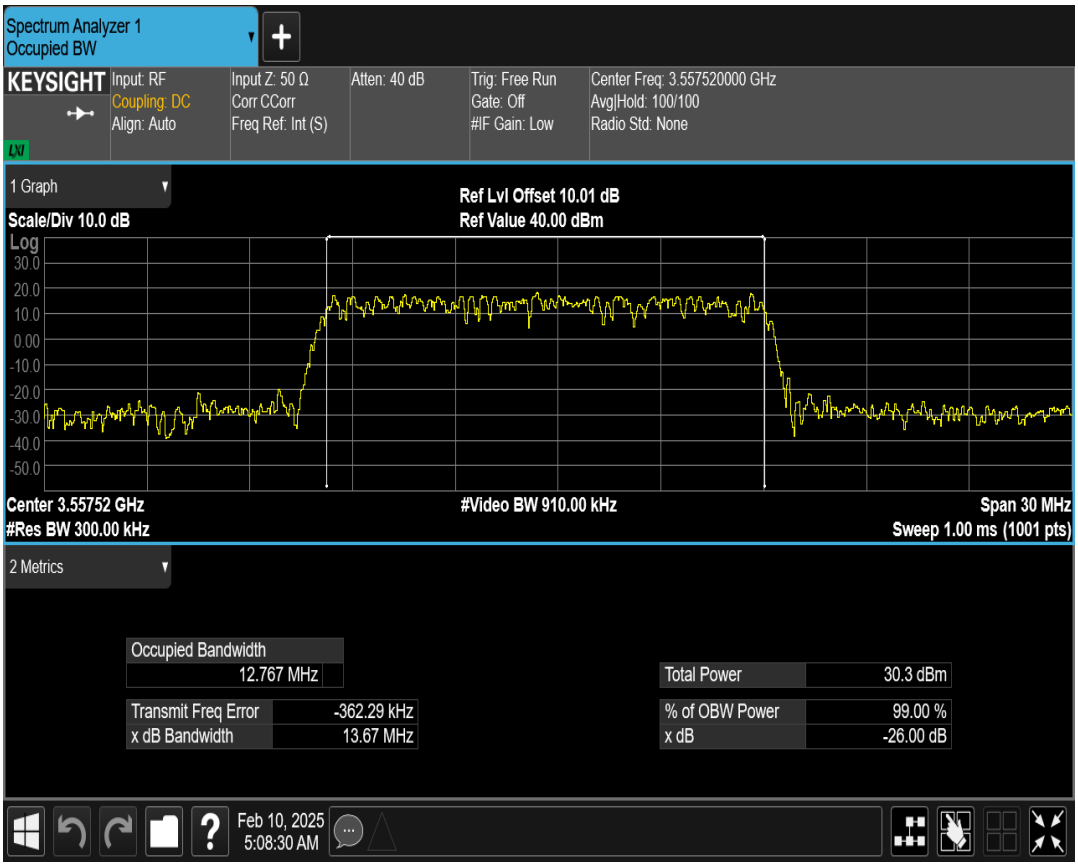
n78(3550-3700) SCS=30kHz DFT_BPSK BW=15MHz Channel=637168 RB=36@0



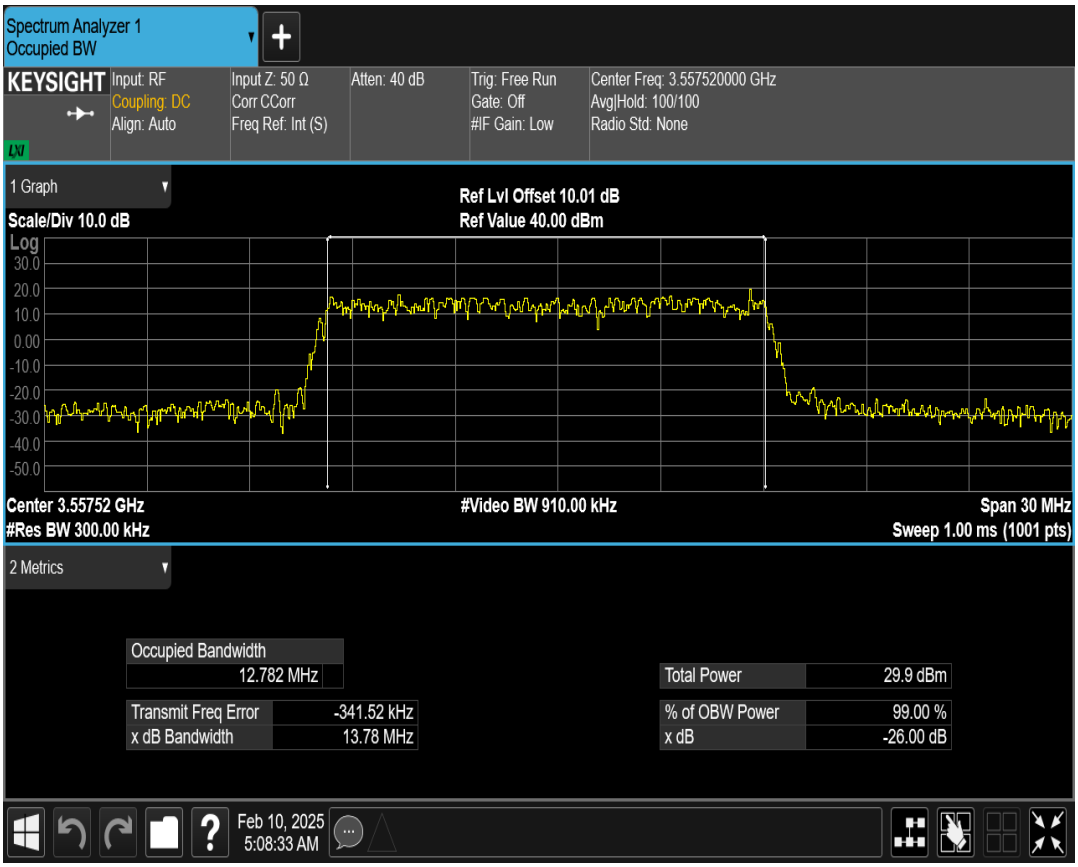
n78(3550-3700) SCS=30kHz DFT_QPSK BW=15MHz Channel=637168 RB=36@0



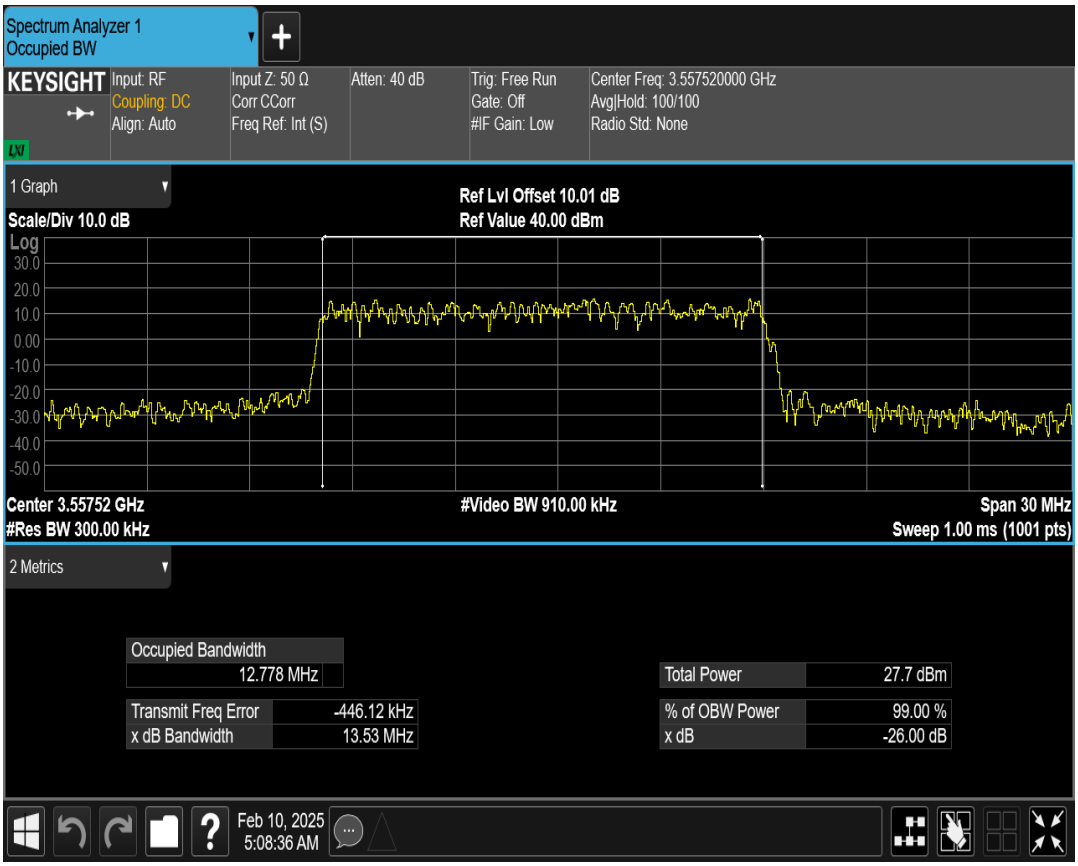
n78(3550-3700) SCS=30kHz DFT_QAM16 BW=15MHz Channel=637168 RB=36@0



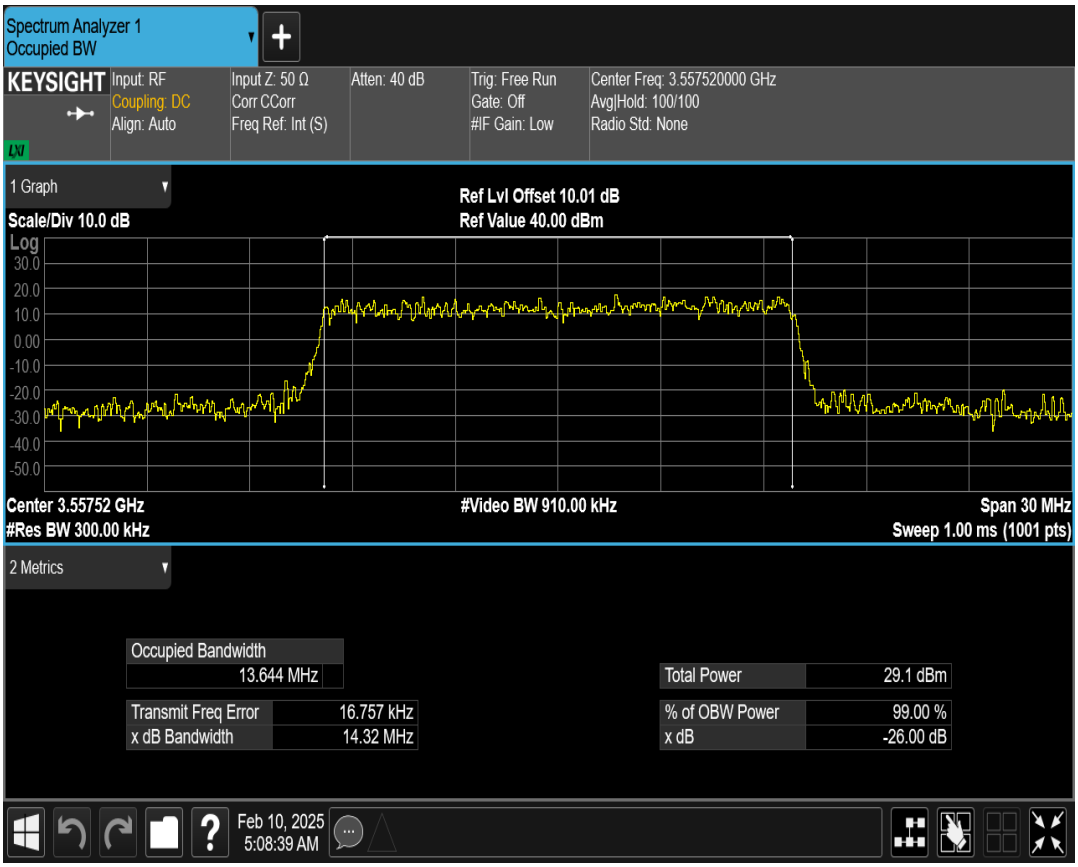
n78(3550-3700) SCS=30kHz DFT_QAM64 BW=15MHz Channel=637168 RB=36@0



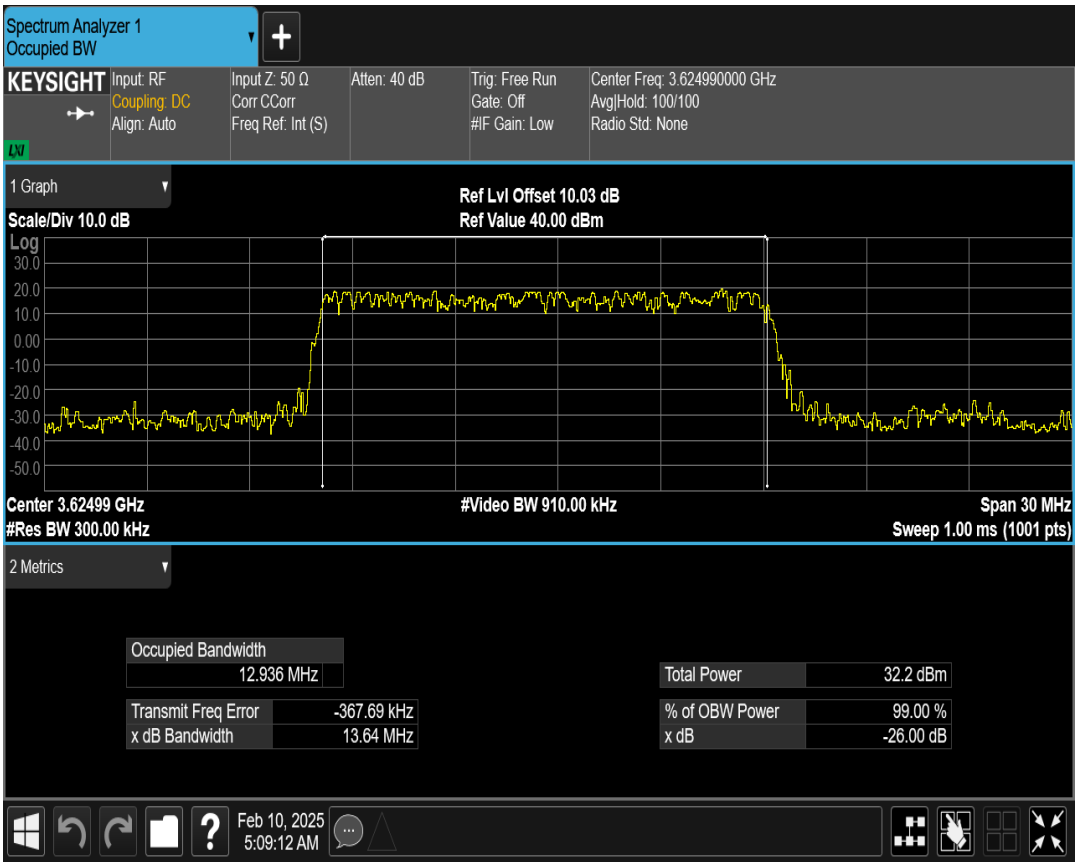
n78(3550-3700) SCS=30kHz DFT_QAM256 BW=15MHz Channel=637168 RB=36@0



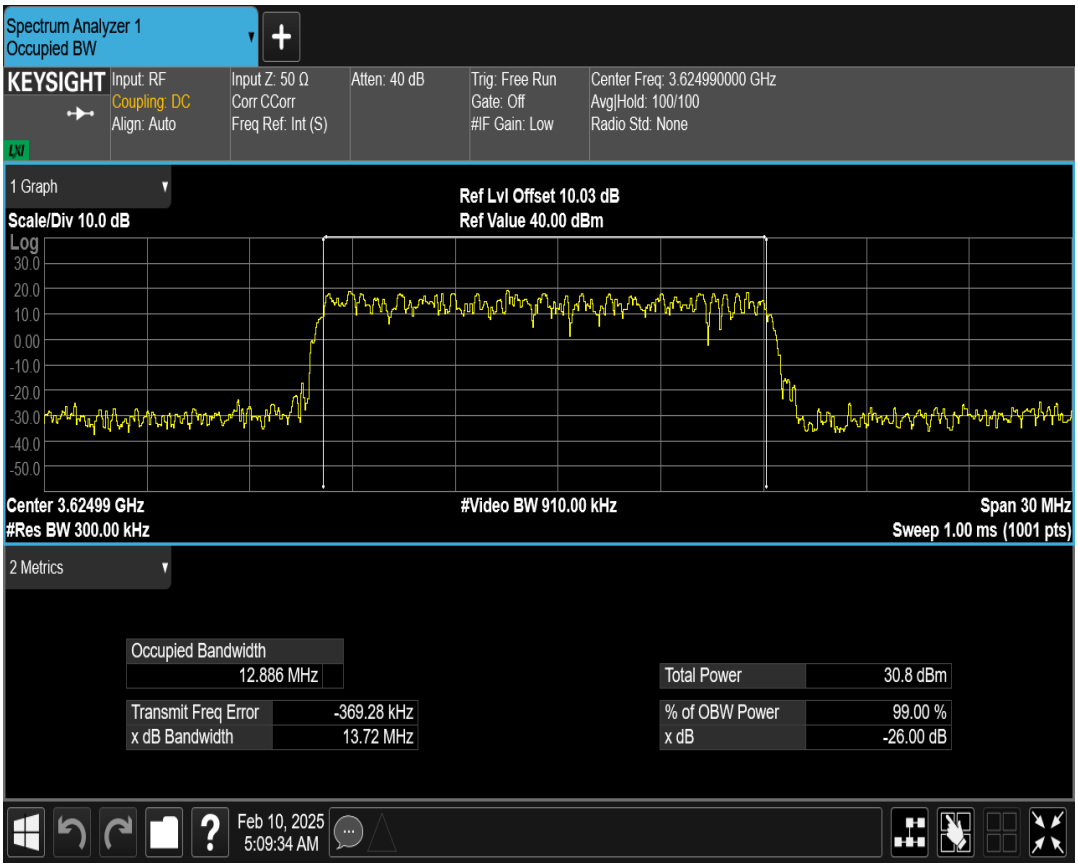
n78(3550-3700) SCS=30kHz CP_QPSK BW=15MHz Channel=637168 RB=38@0



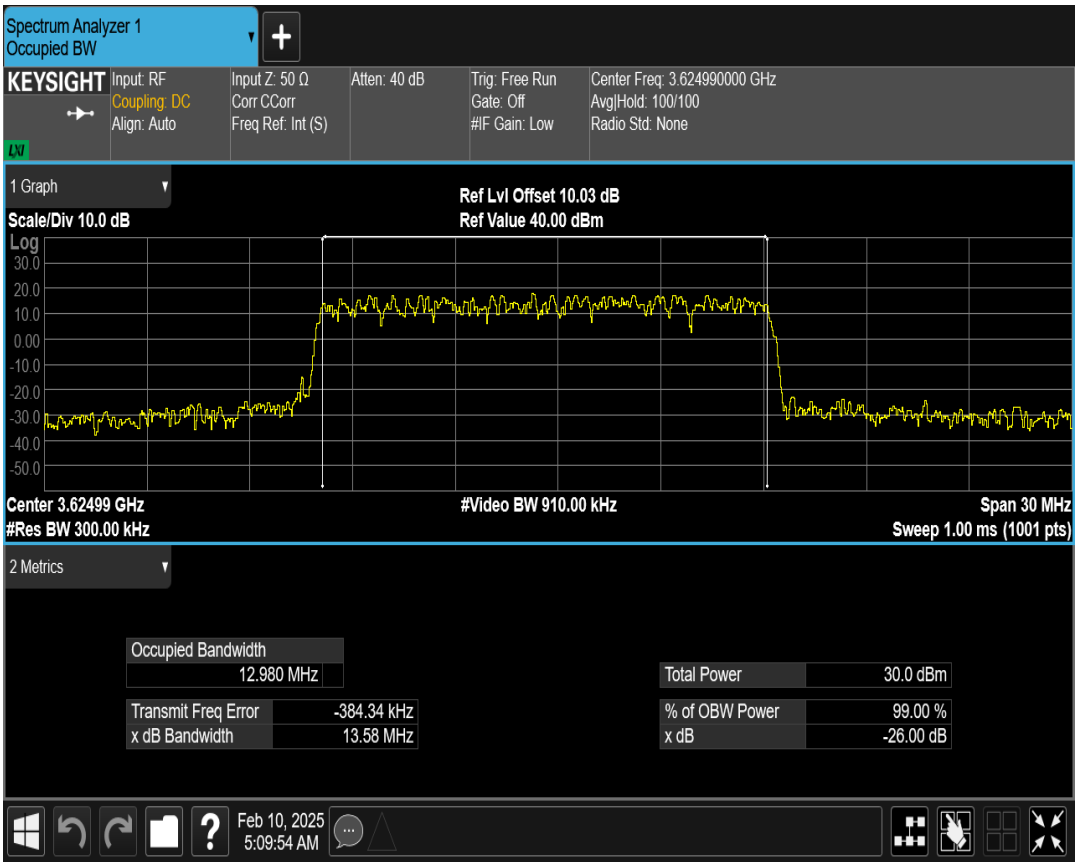
n78(3550-3700) SCS=30kHz DFT_BPSK BW=15MHz Channel=641666 RB=36@0



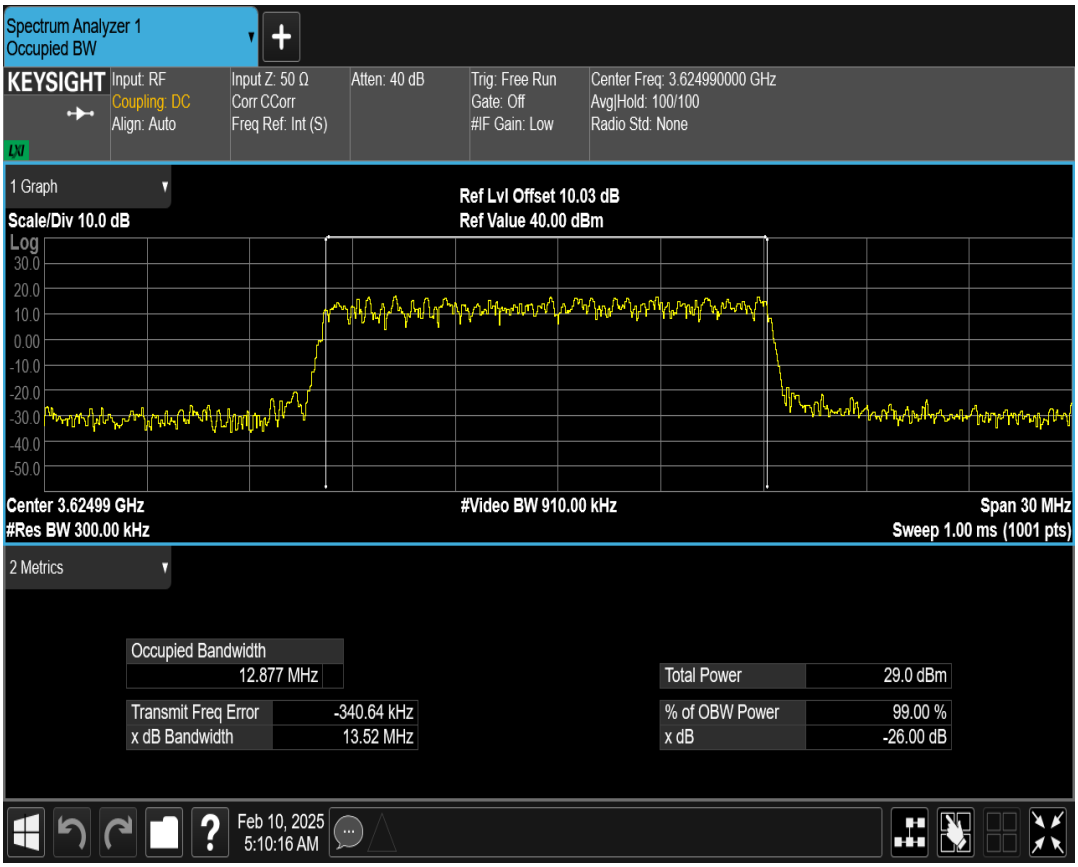
n78(3550-3700) SCS=30kHz DFT_QPSK BW=15MHz Channel=641666 RB=36@0



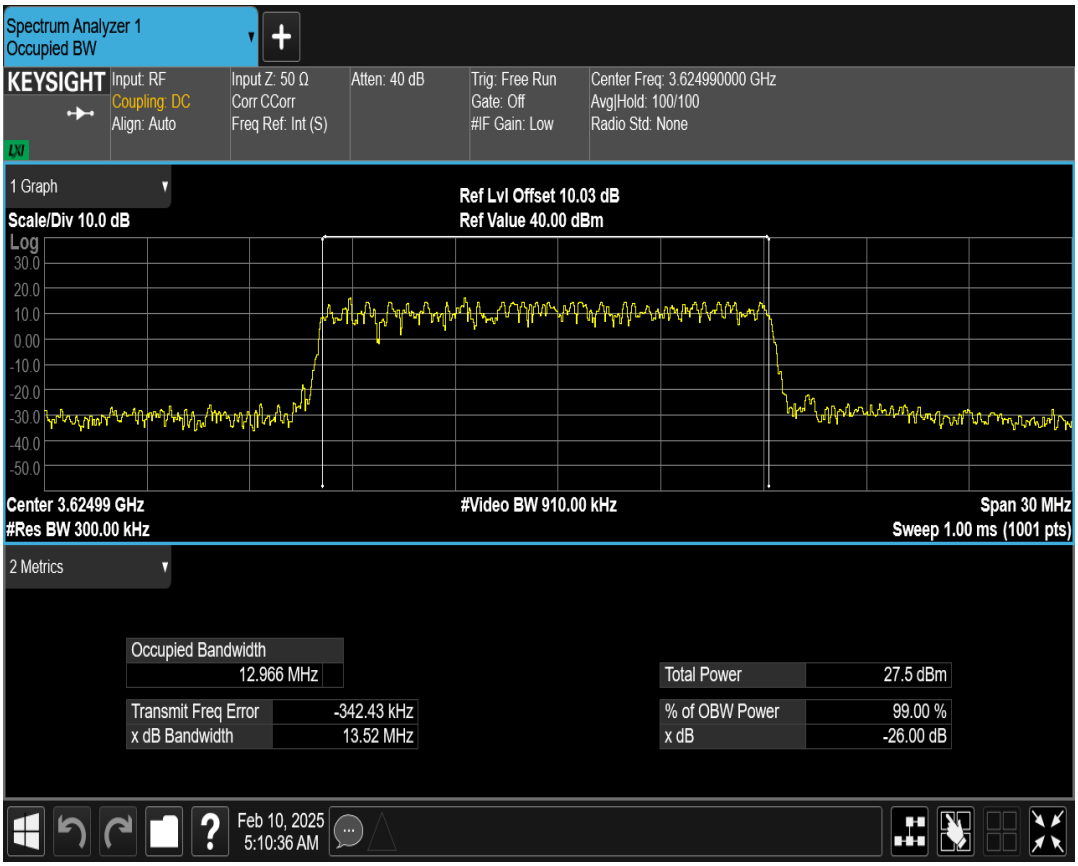
n78(3550-3700) SCS=30kHz DFT_QAM16 BW=15MHz Channel=641666 RB=36@0



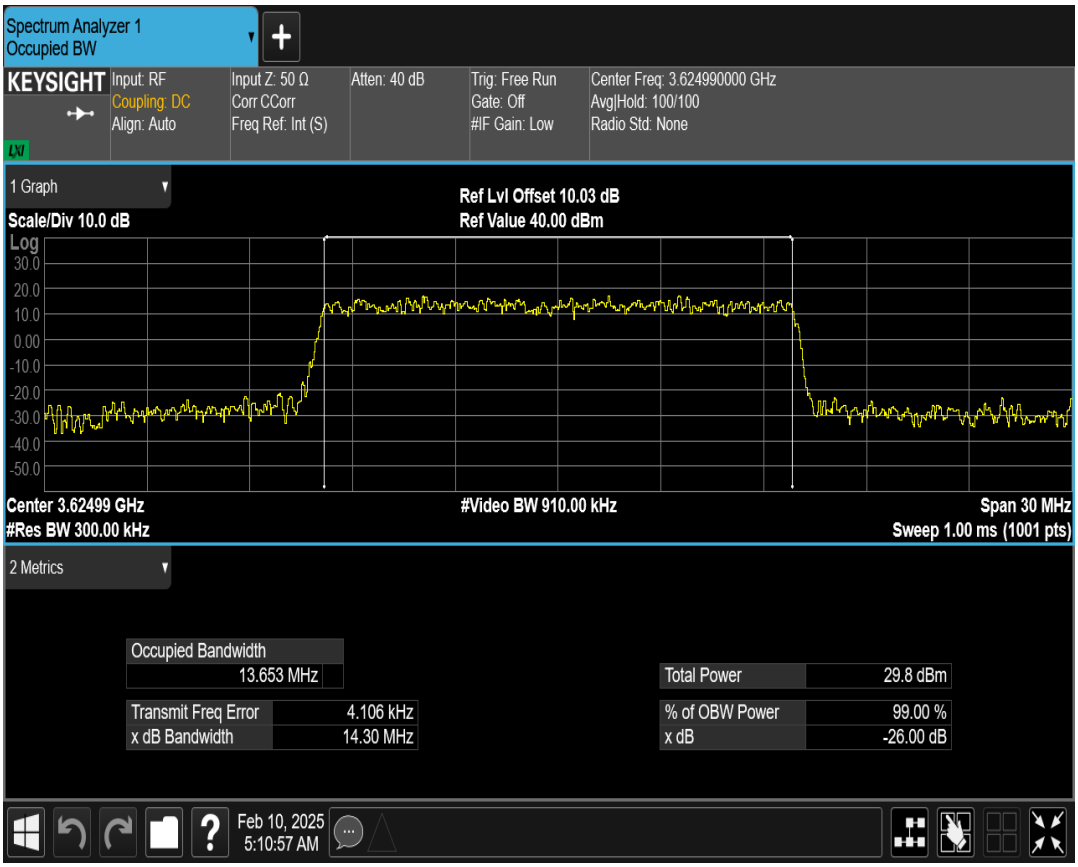
n78(3550-3700) SCS=30kHz DFT_QAM64 BW=15MHz Channel=641666 RB=36@0



n78(3550-3700) SCS=30kHz DFT_QAM256 BW=15MHz Channel=641666 RB=36@0



n78(3550-3700) SCS=30kHz CP_QPSK BW=15MHz Channel=641666 RB=38@0



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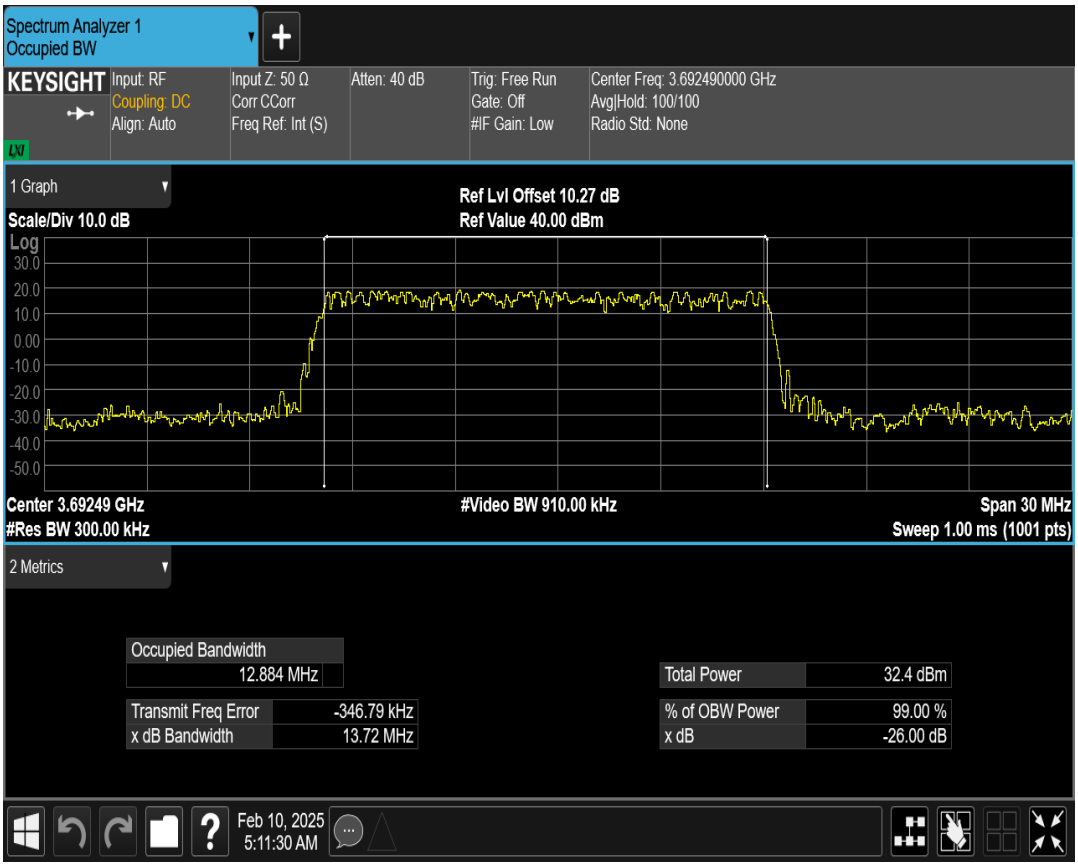
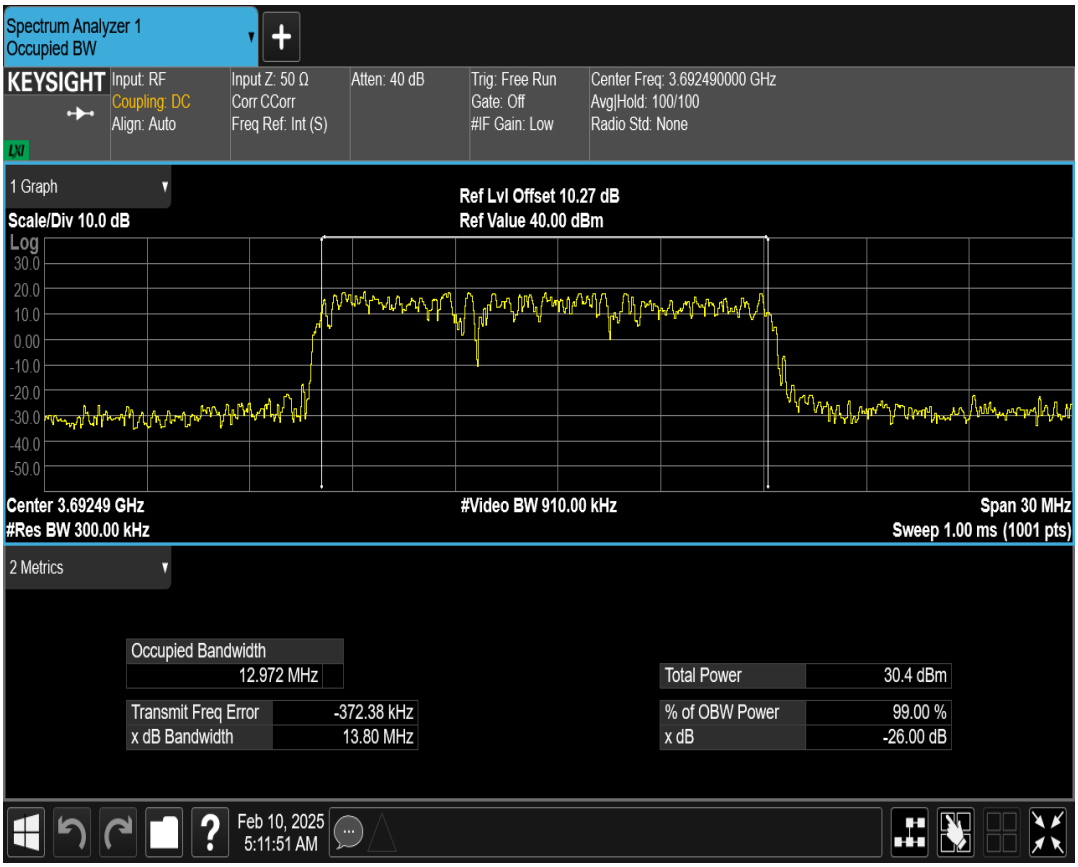
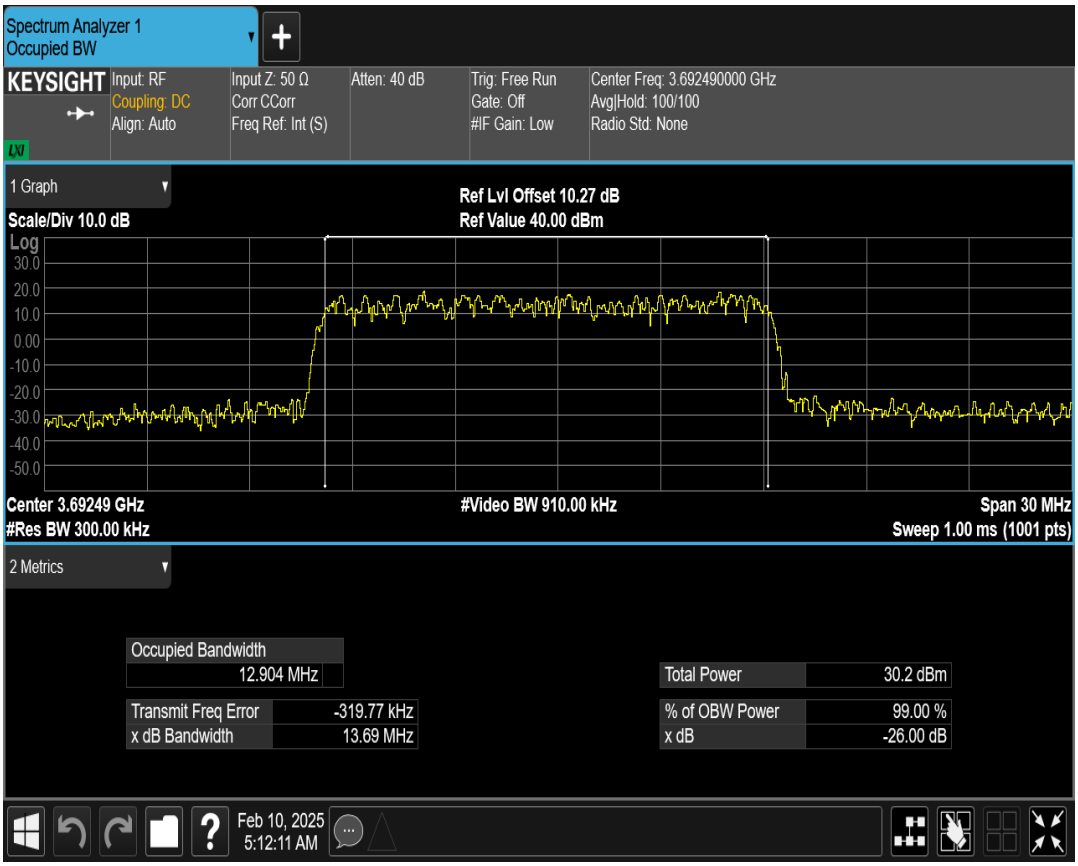


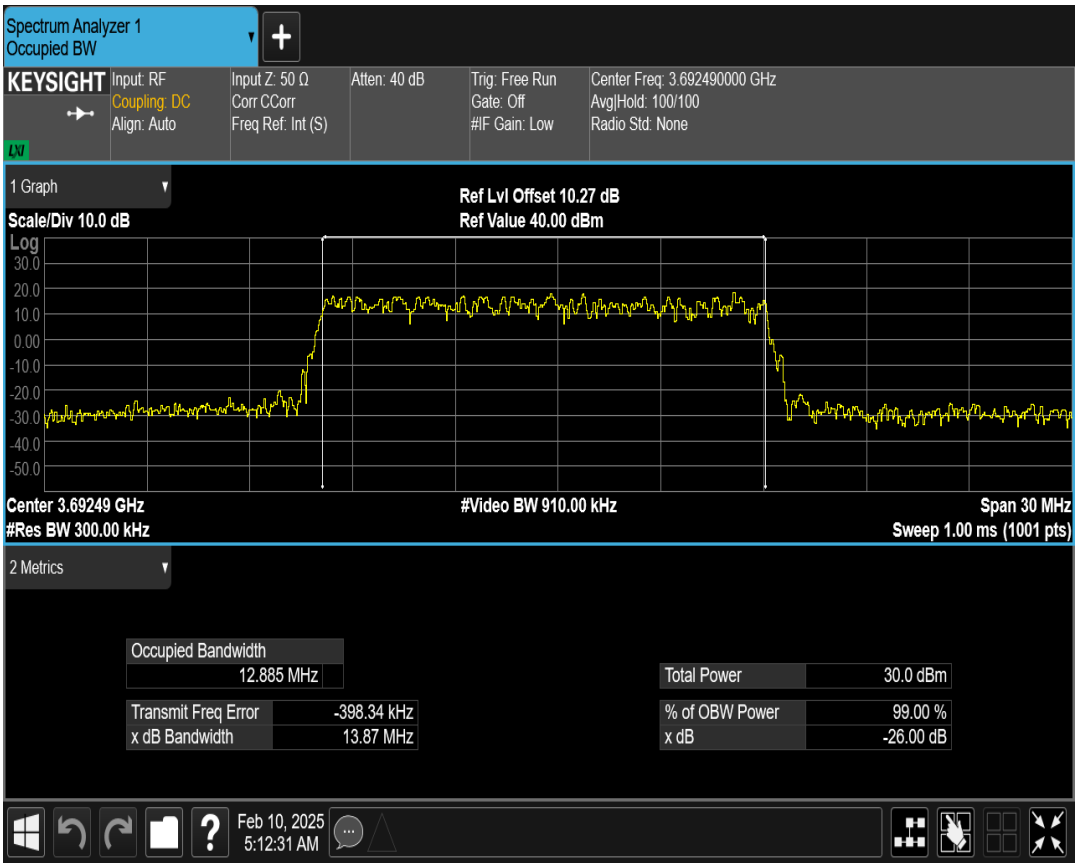
n78(3550-3700) SCS=30kHz DFT_QPSK BW=15MHz Channel=646166 RB=36@0



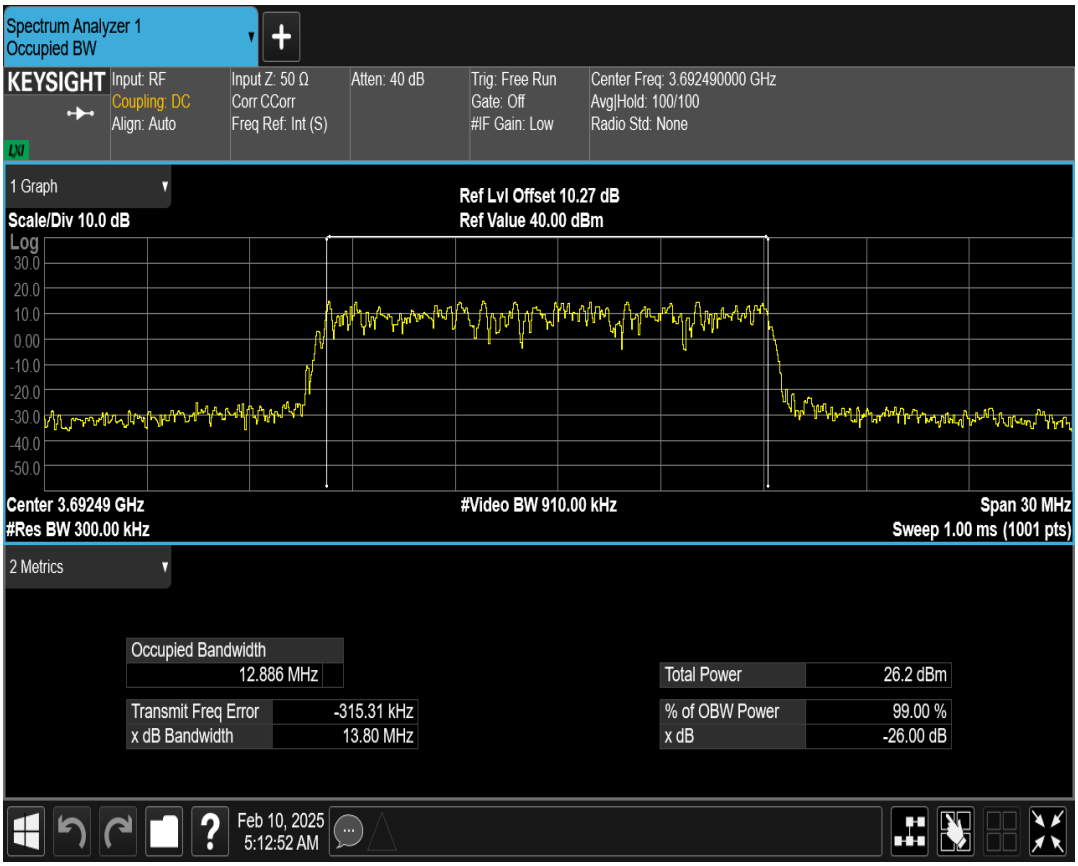
n78(3550-3700) SCS=30kHz DFT_QAM16 BW=15MHz Channel=646166 RB=36@0



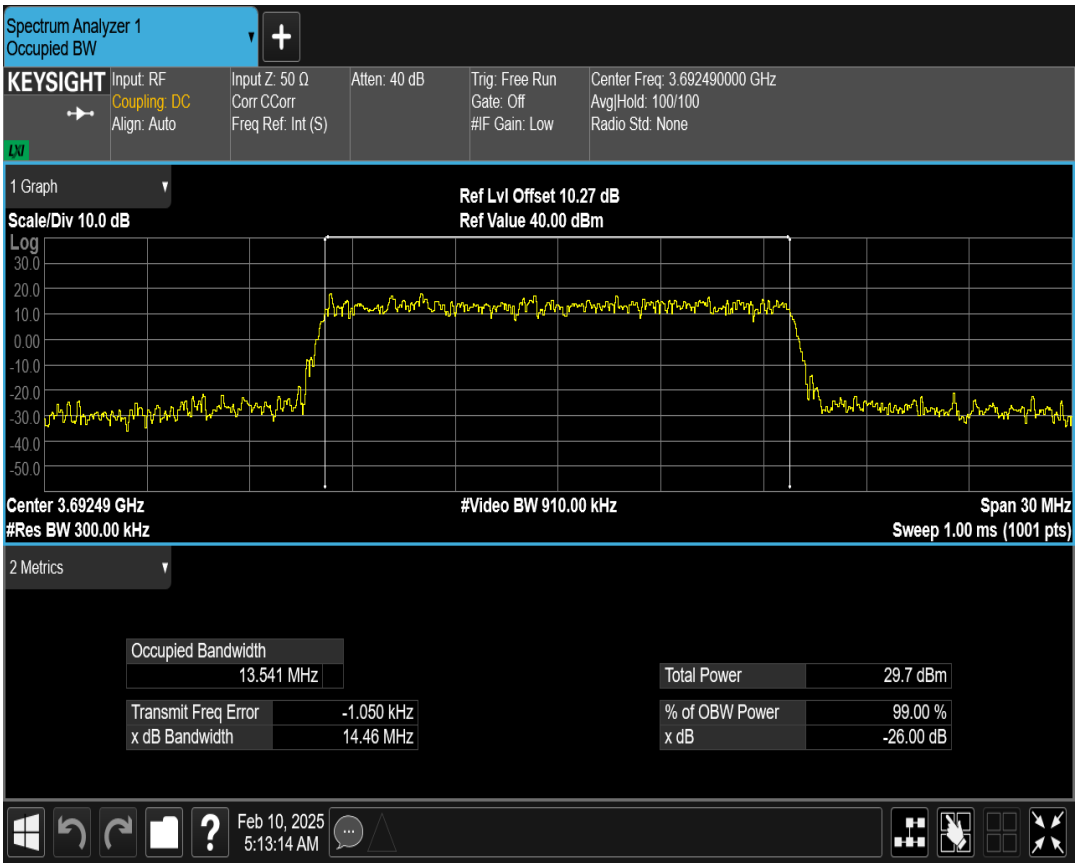
n78(3550-3700) SCS=30kHz DFT_QAM64 BW=15MHz Channel=646166 RB=36@0



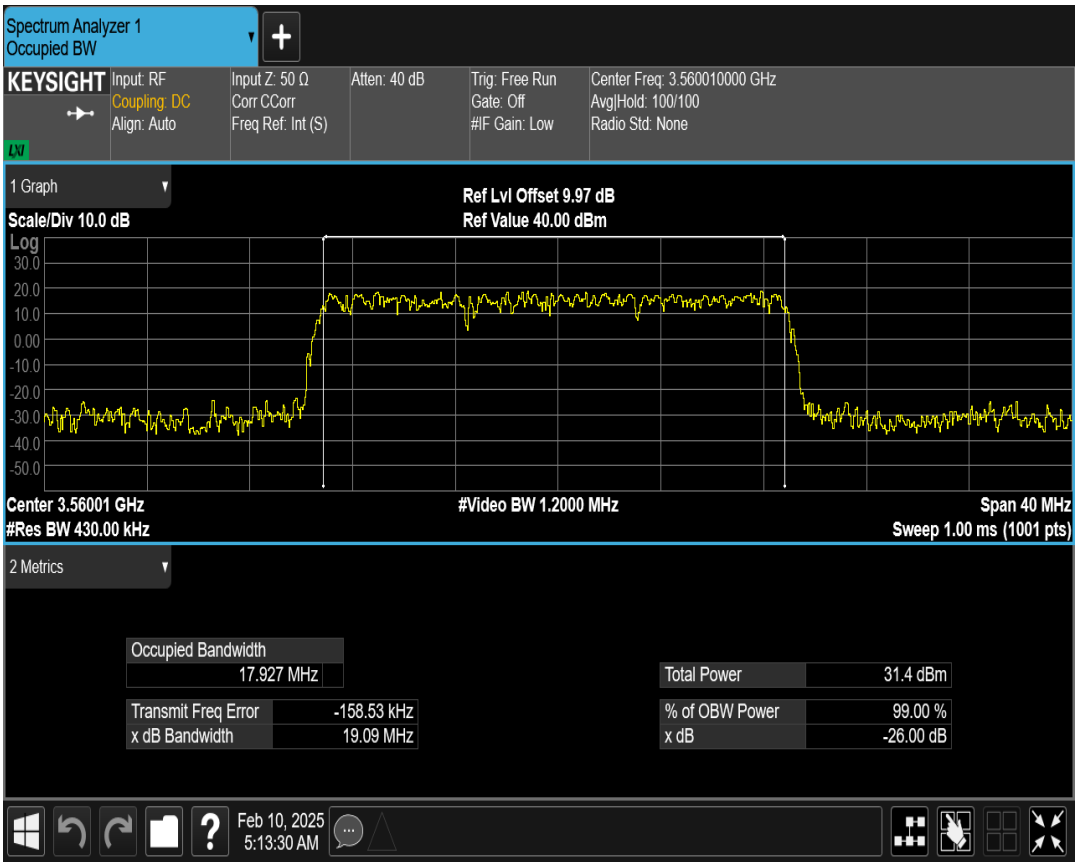
n78(3550-3700) SCS=30kHz DFT_QAM256 BW=15MHz Channel=646166 RB=36@0



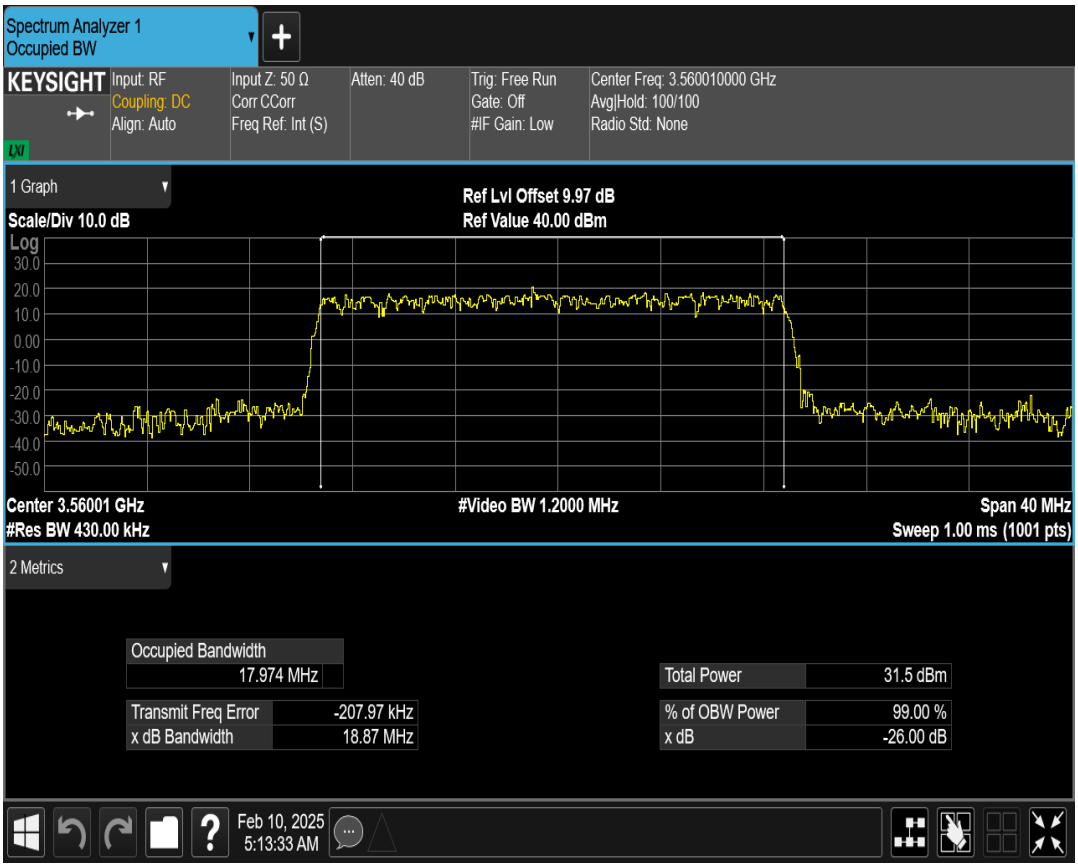
n78(3550-3700) SCS=30kHz CP_QPSK BW=15MHz Channel=646166 RB=38@0



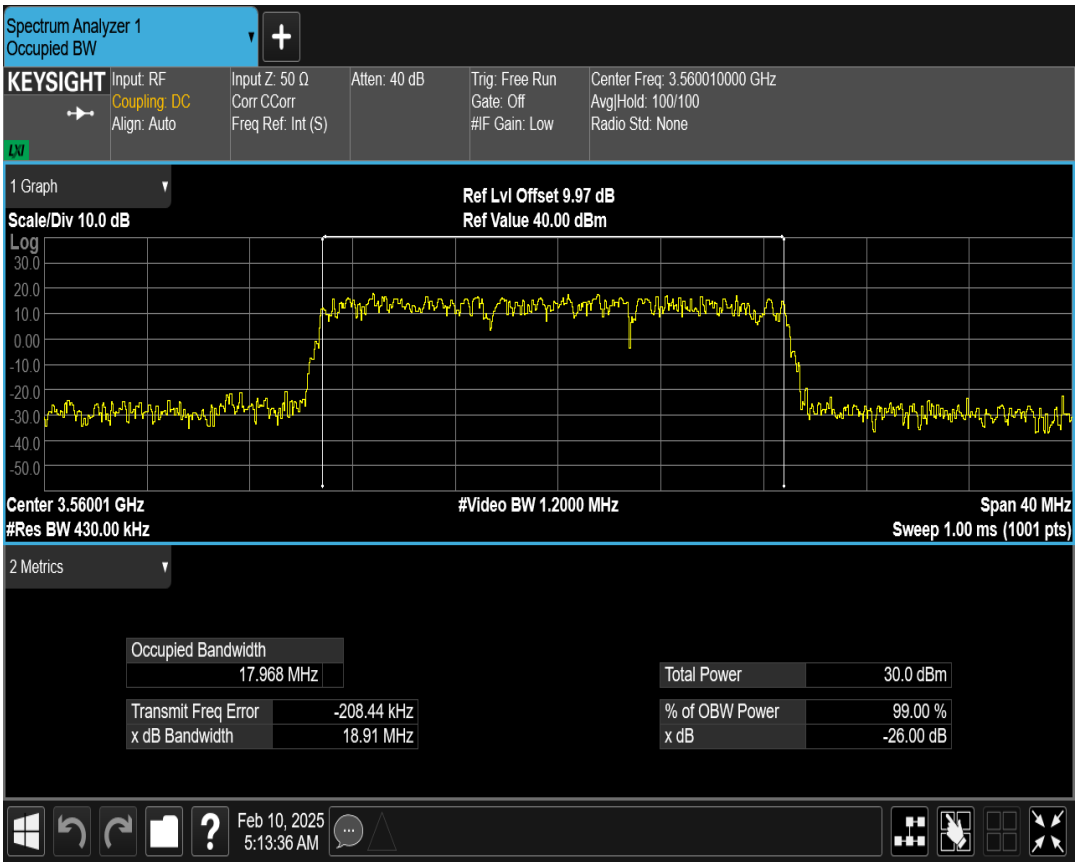
n78(3550-3700) SCS=30kHz DFT_BPSK BW=20MHz Channel=637334 RB=50@0



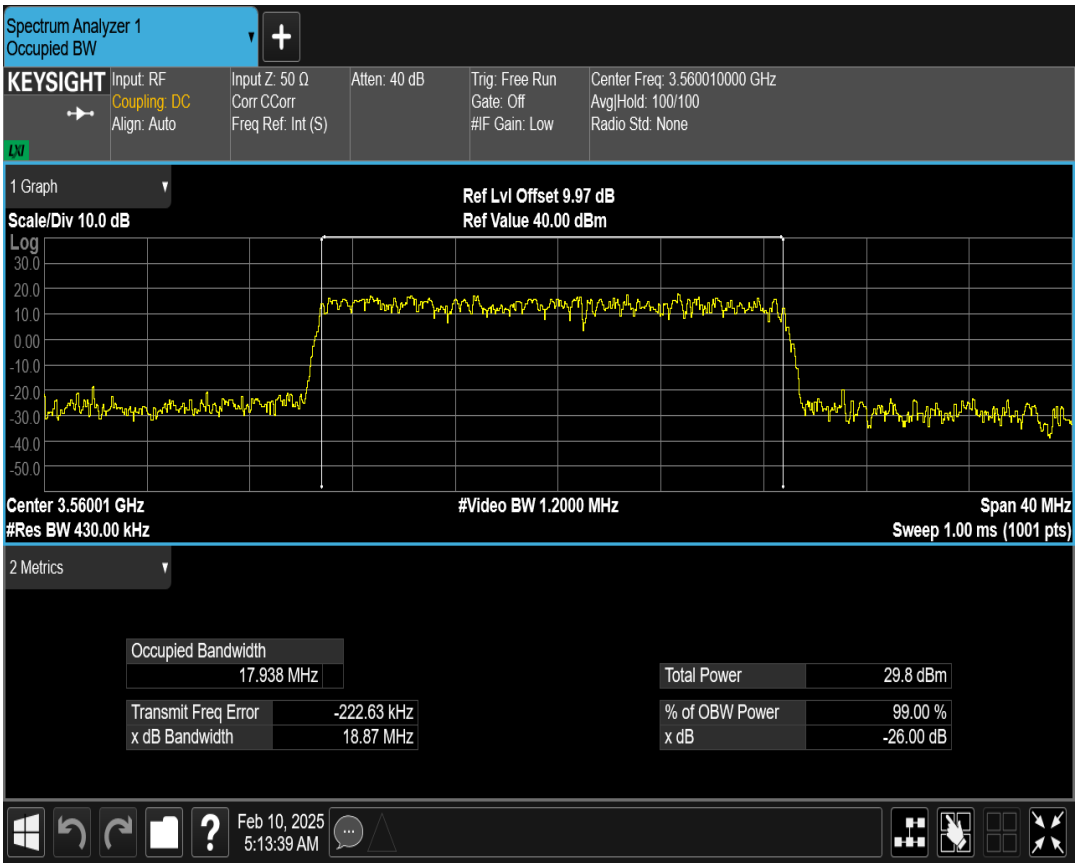
n78(3550-3700) SCS=30kHz DFT_QPSK BW=20MHz Channel=637334 RB=50@0



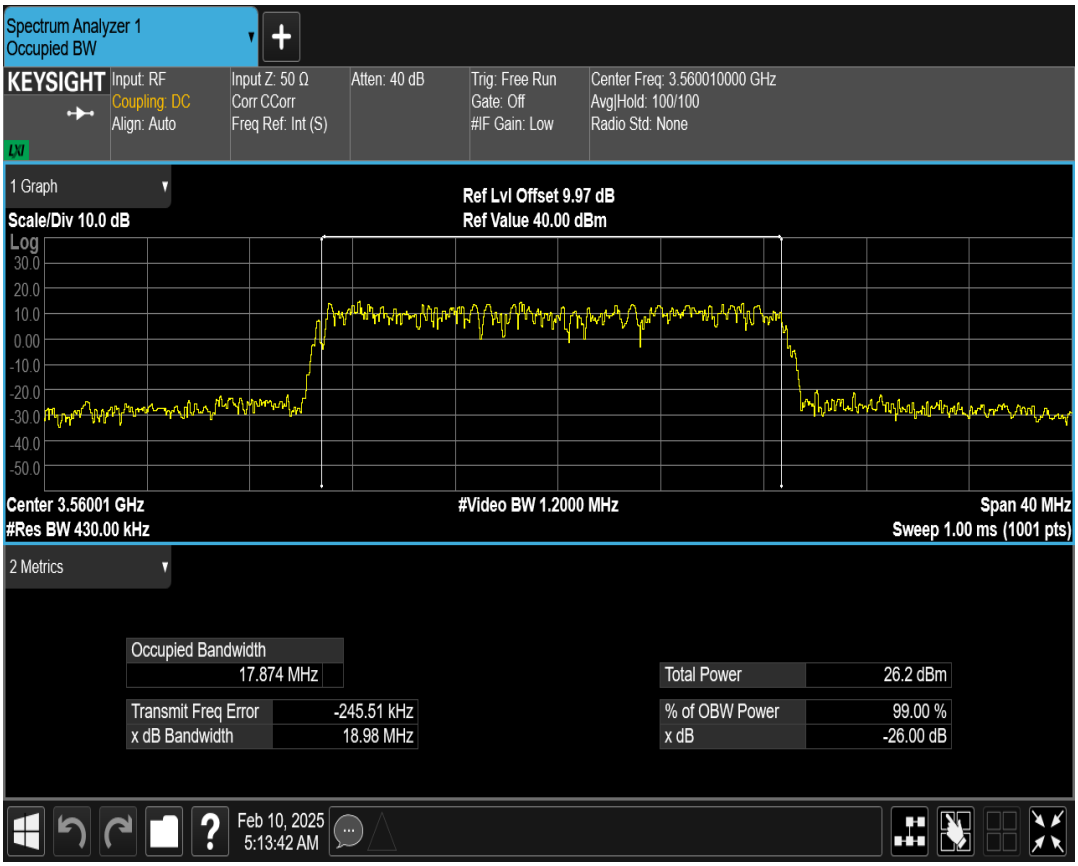
n78(3550-3700) SCS=30kHz DFT_QAM16 BW=20MHz Channel=637334 RB=50@0



n78(3550-3700) SCS=30kHz DFT_QAM64 BW=20MHz Channel=637334 RB=50@0



n78(3550-3700) SCS=30kHz DFT_QAM256 BW=20MHz Channel=637334 RB=50@0



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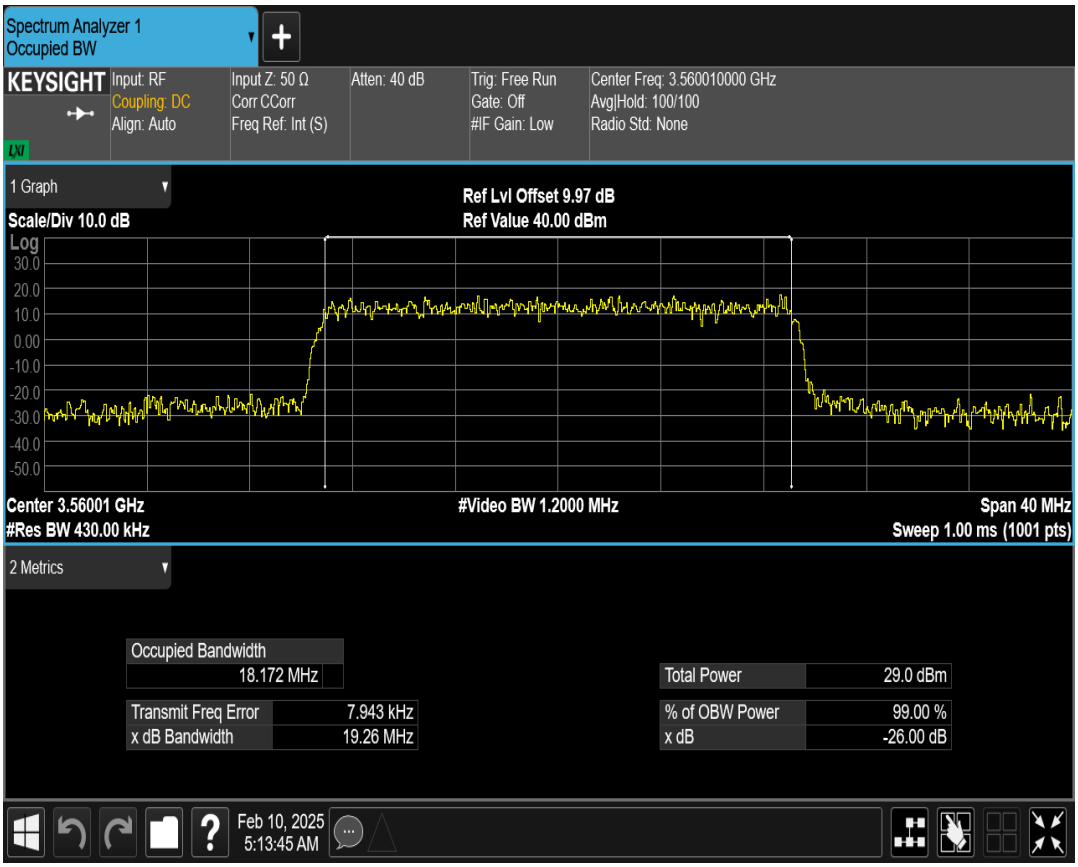
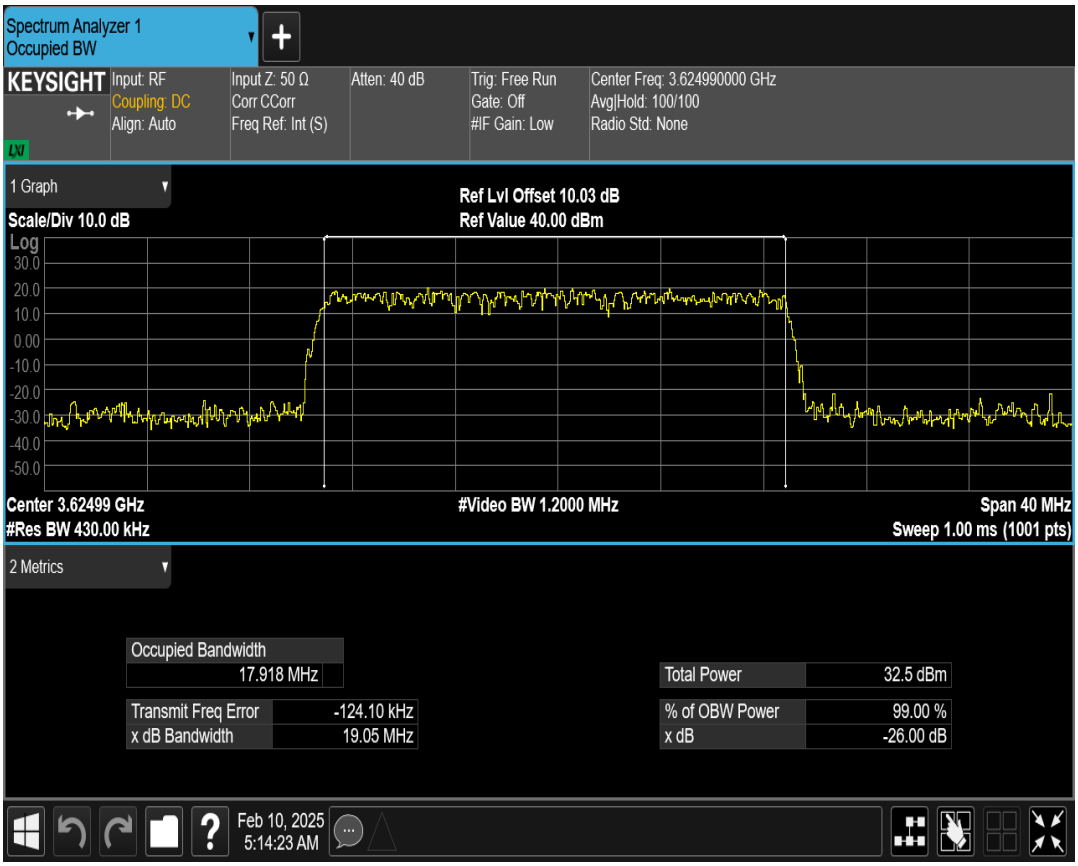


n78(3550-3700) SCS=30kHz DFT_BPSK BW=20MHz Channel=641666 RB=50@0



n78(3550-3700) SCS=30kHz DFT_QPSK BW=20MHz Channel=641666 RB=50@0